

Synthesis of 5-Aryl-3(2*H*)-furanones Using Intramolecular Cyclization of Sulfonium Salts

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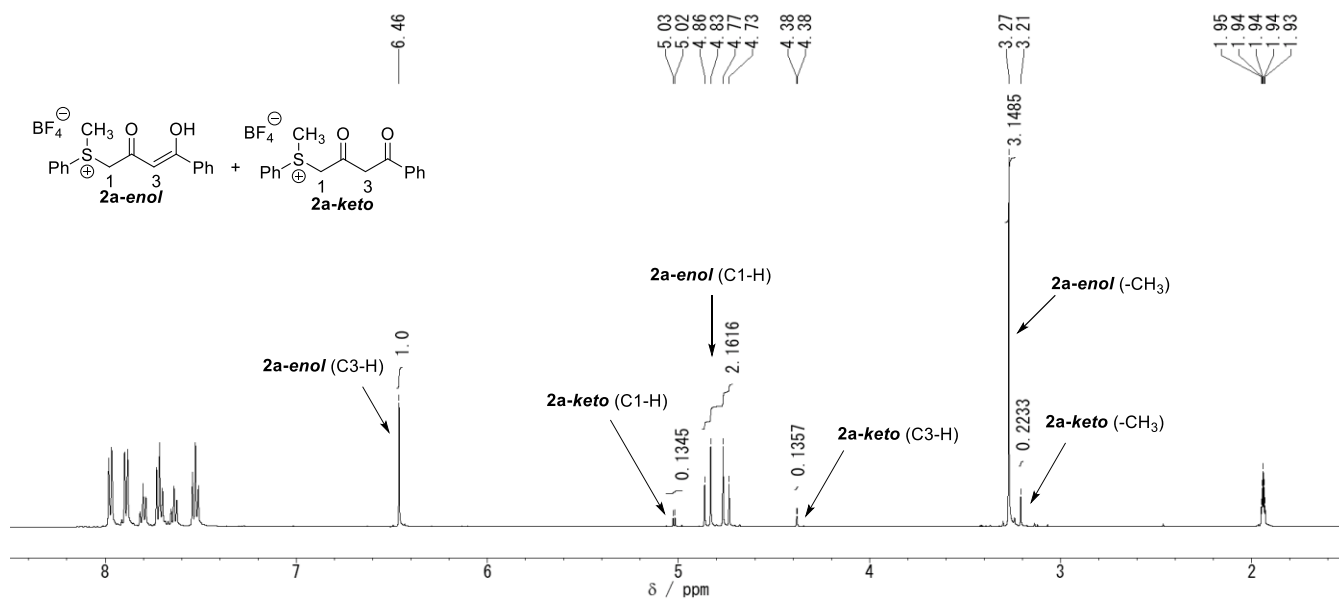


Figure S1. ¹H NMR spectra of sulfonium salt **2a** in the presence of K₂CO₃ (0.5 equiv) in CD₃CN after 10 min of mixing

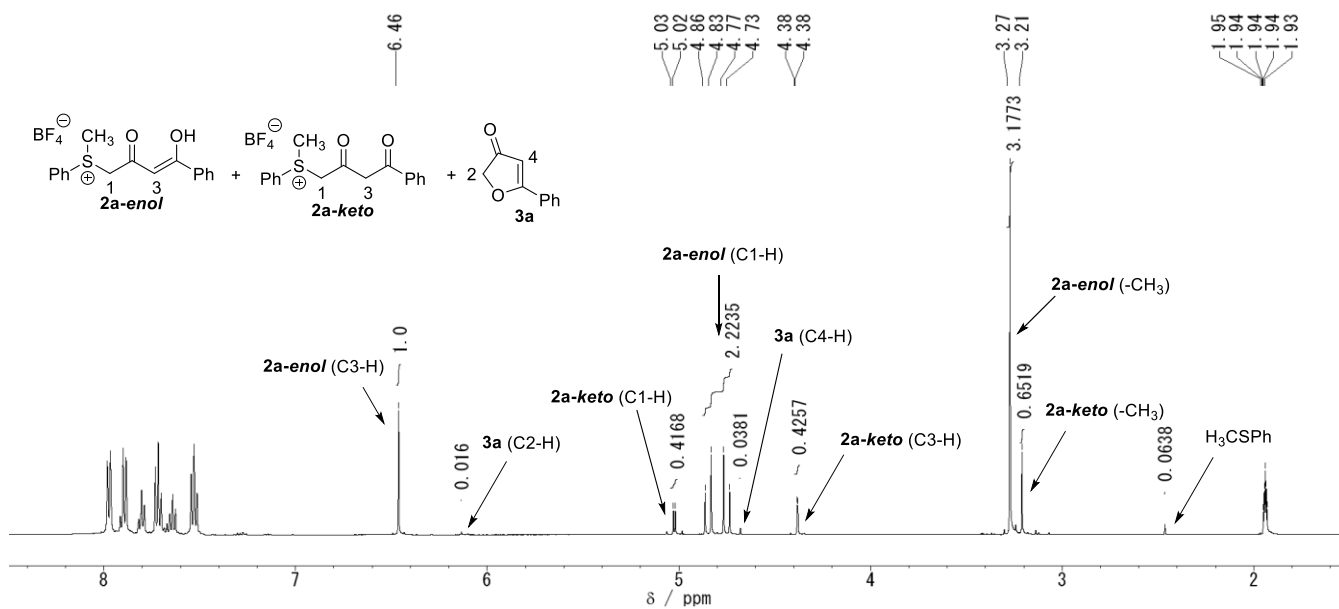


Figure S2. ¹H NMR spectra of sulfonium salt **2a** in the presence of K₂CO₃ (0.5 equiv) in CD₃CN after 1 h of mixing

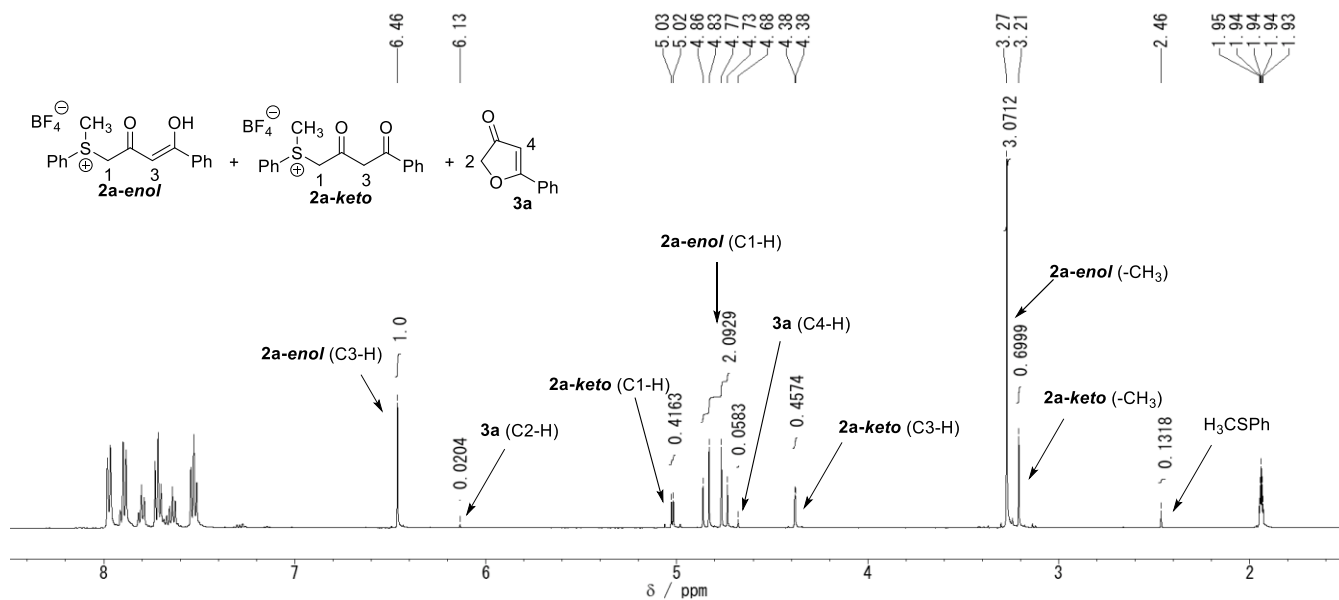


Figure S3. ¹H NMR spectra of sulfonium salt **2a** in the presence of K₂CO₃ (0.5 equiv) in CD₃CN after 2 h of mixing

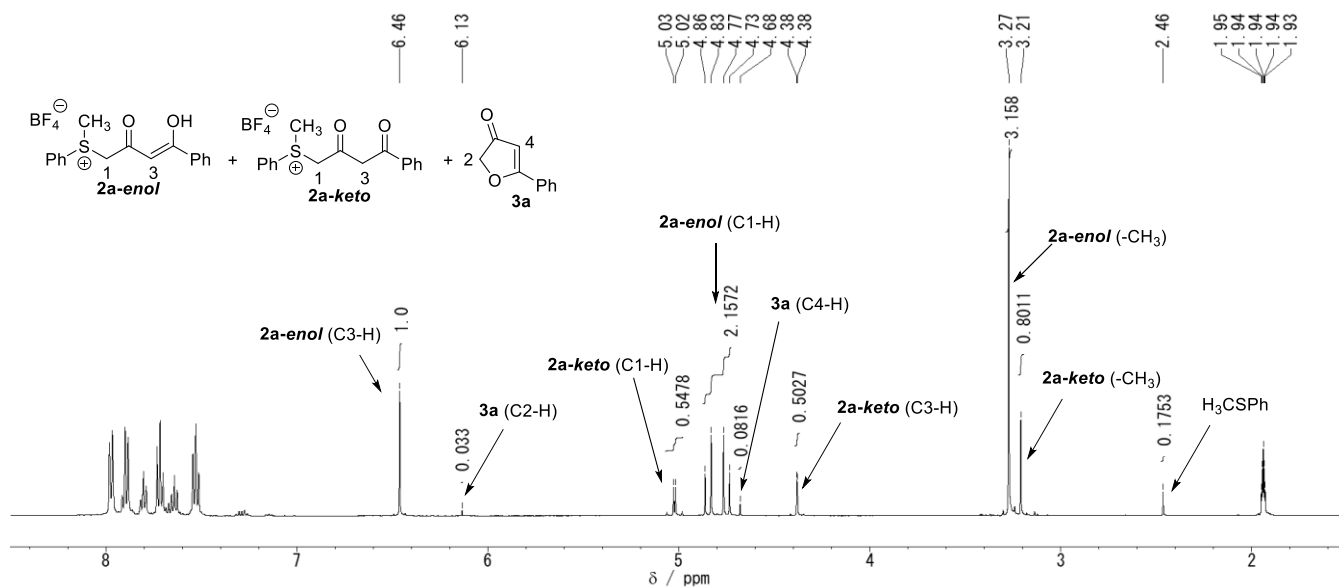


Figure S4. ¹H NMR spectra of sulfonium salt **2a** in the presence of K₂CO₃ (0.5 equiv) in CD₃CN after 6 h of mixing

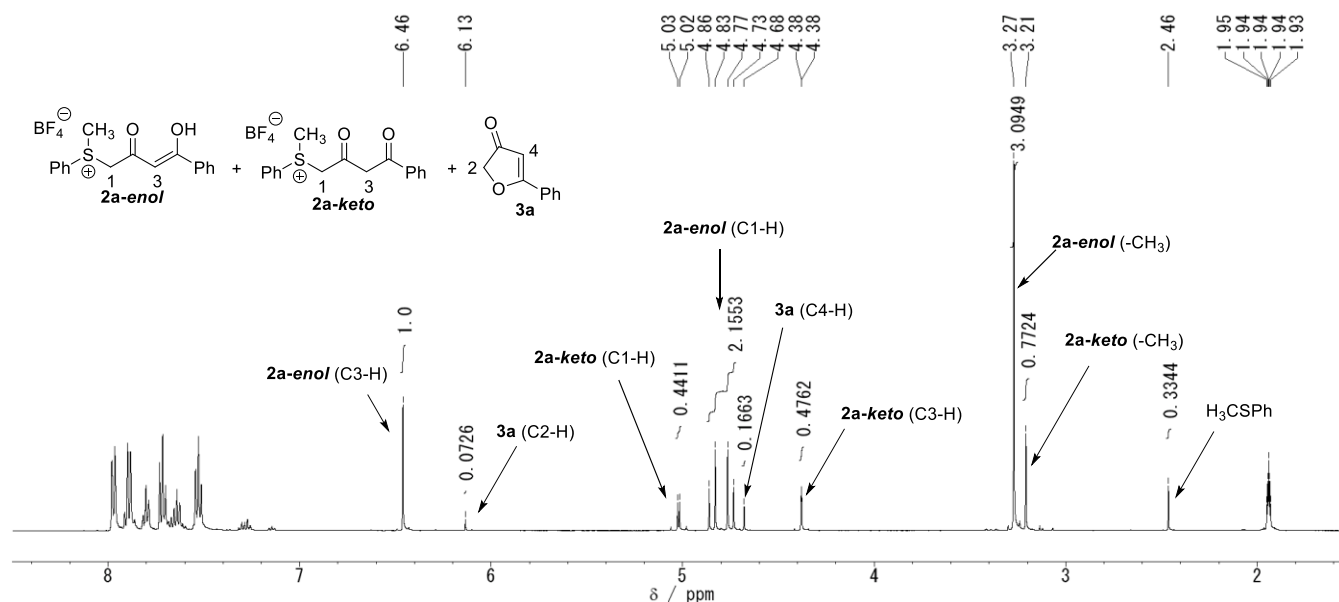


Figure S5. ¹H NMR spectra of sulfonium salt **2a** in the presence of K₂CO₃ (0.5 equiv) in CD₃CN after 24 h of mixing

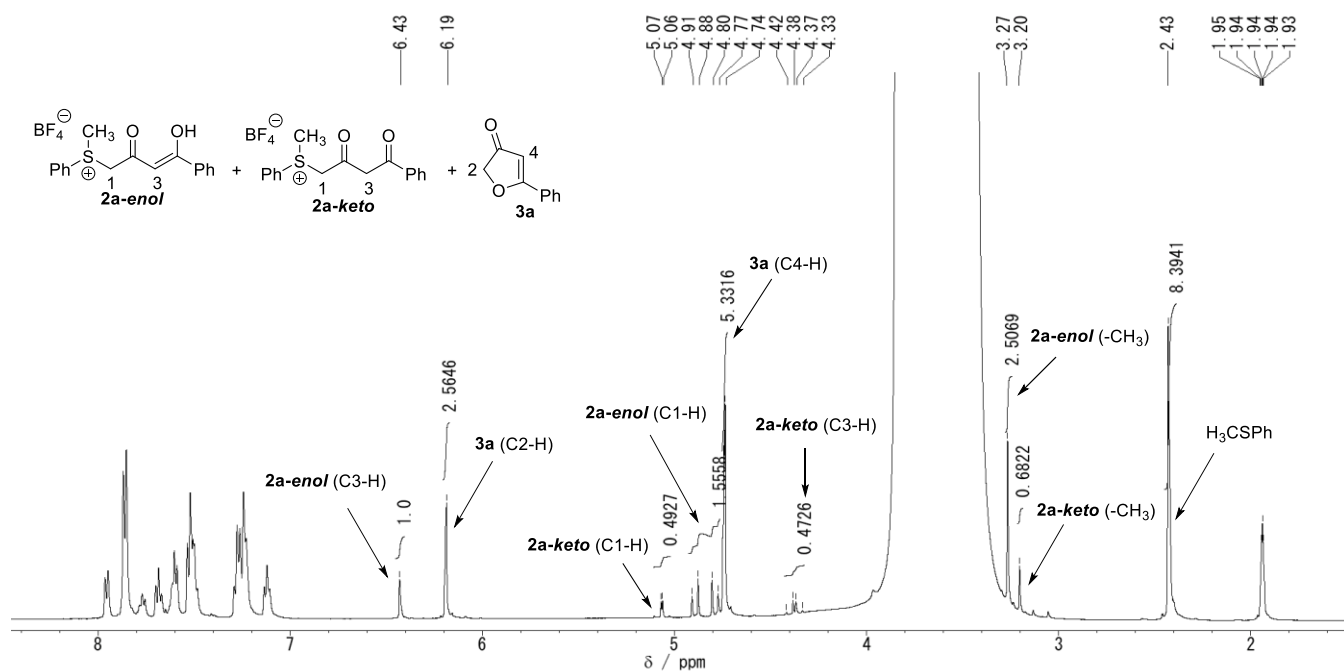
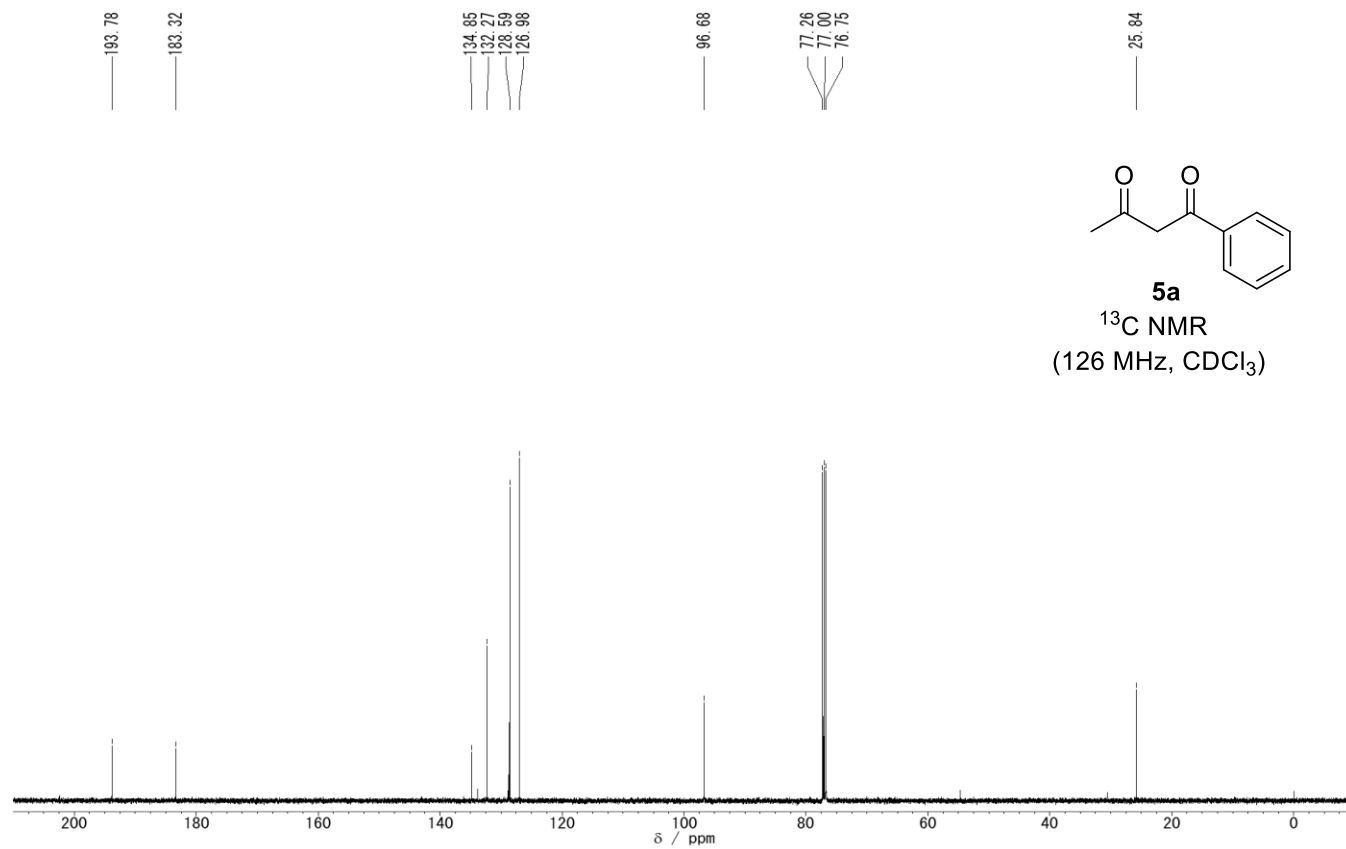
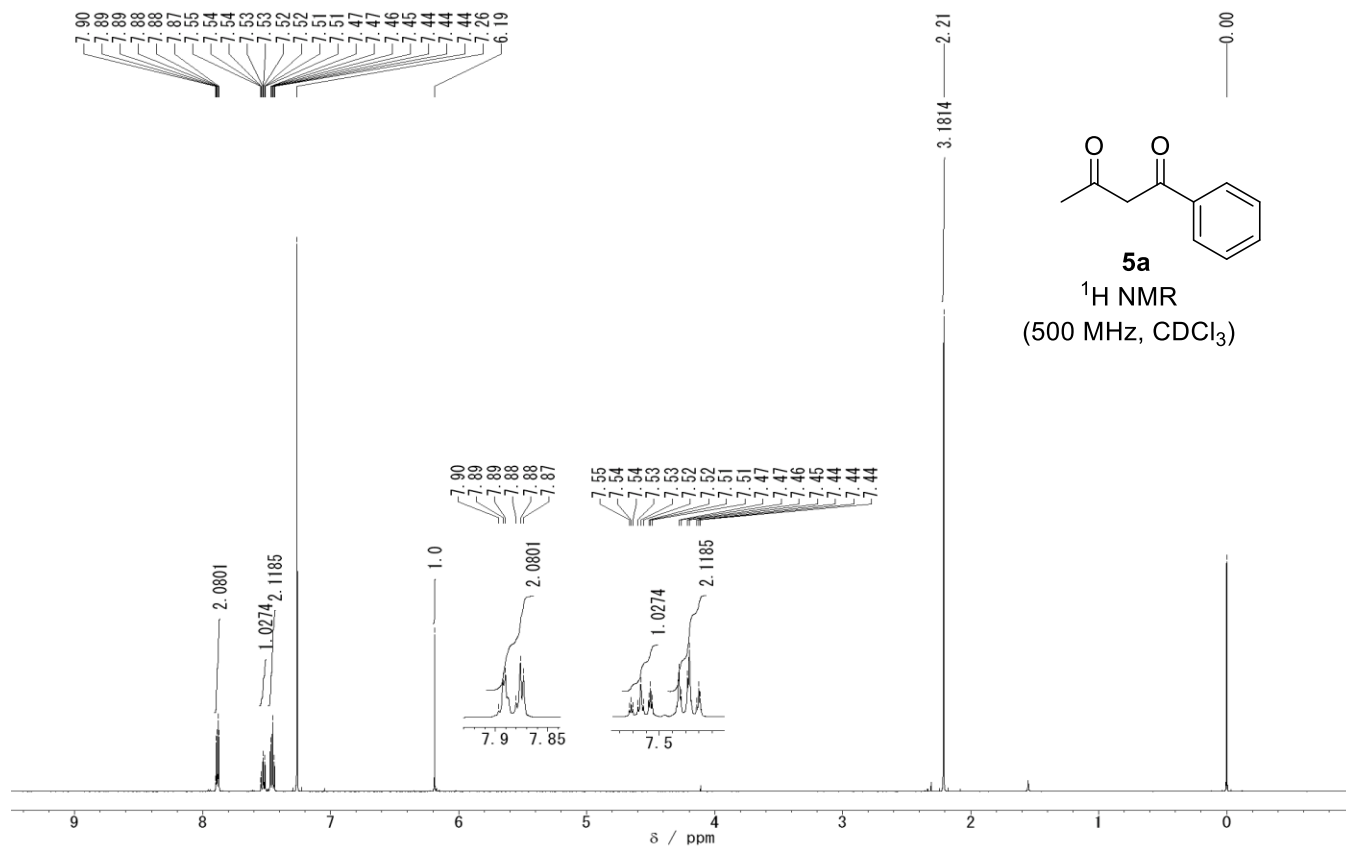
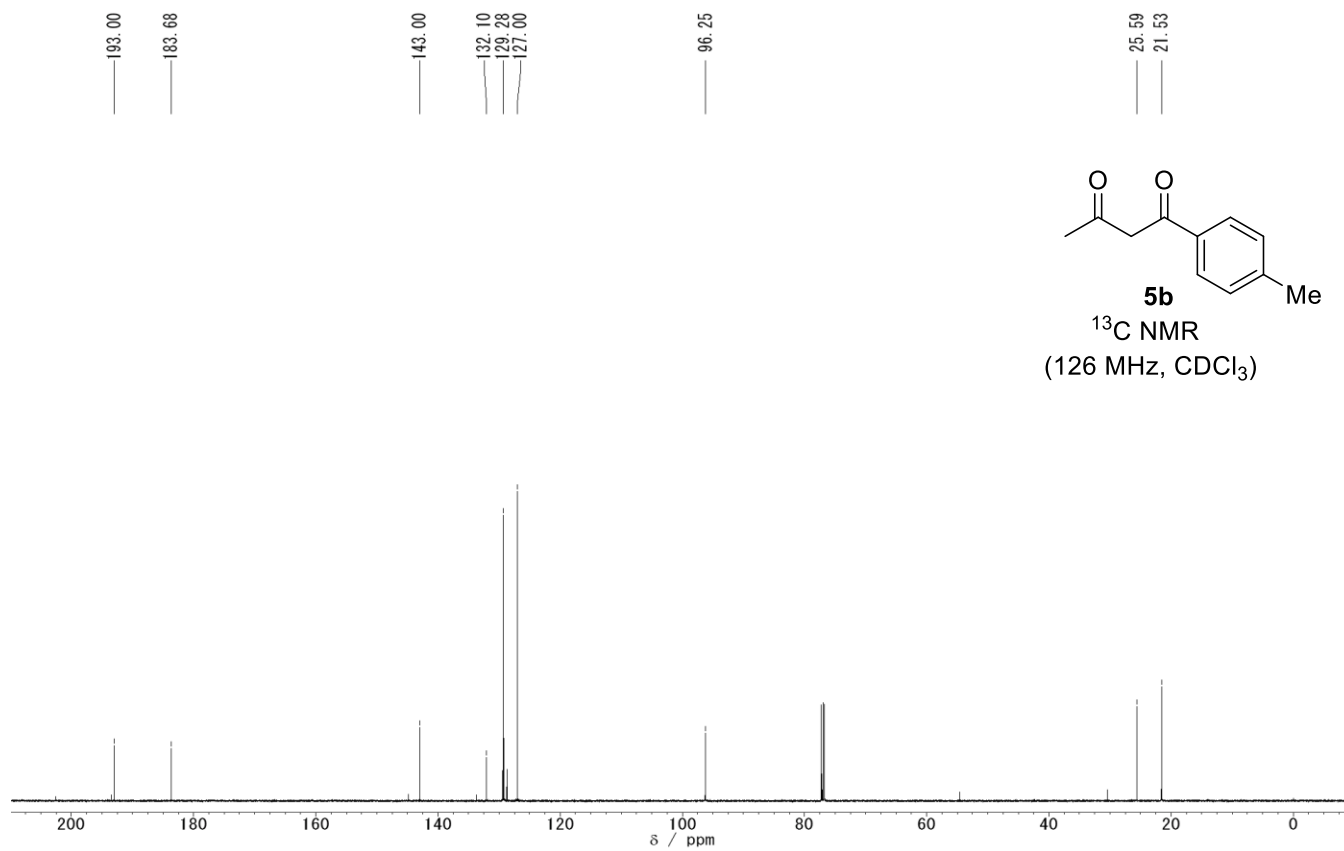
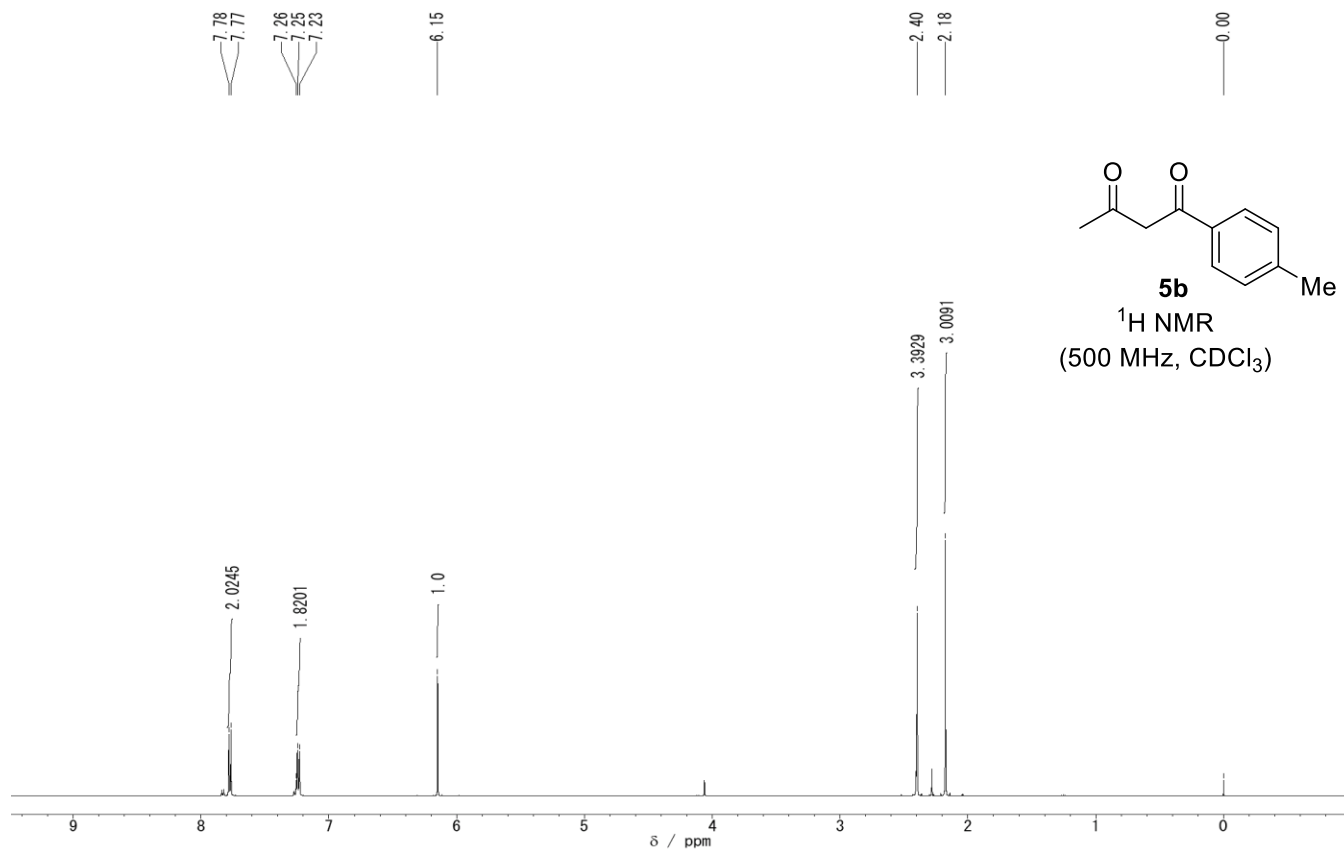
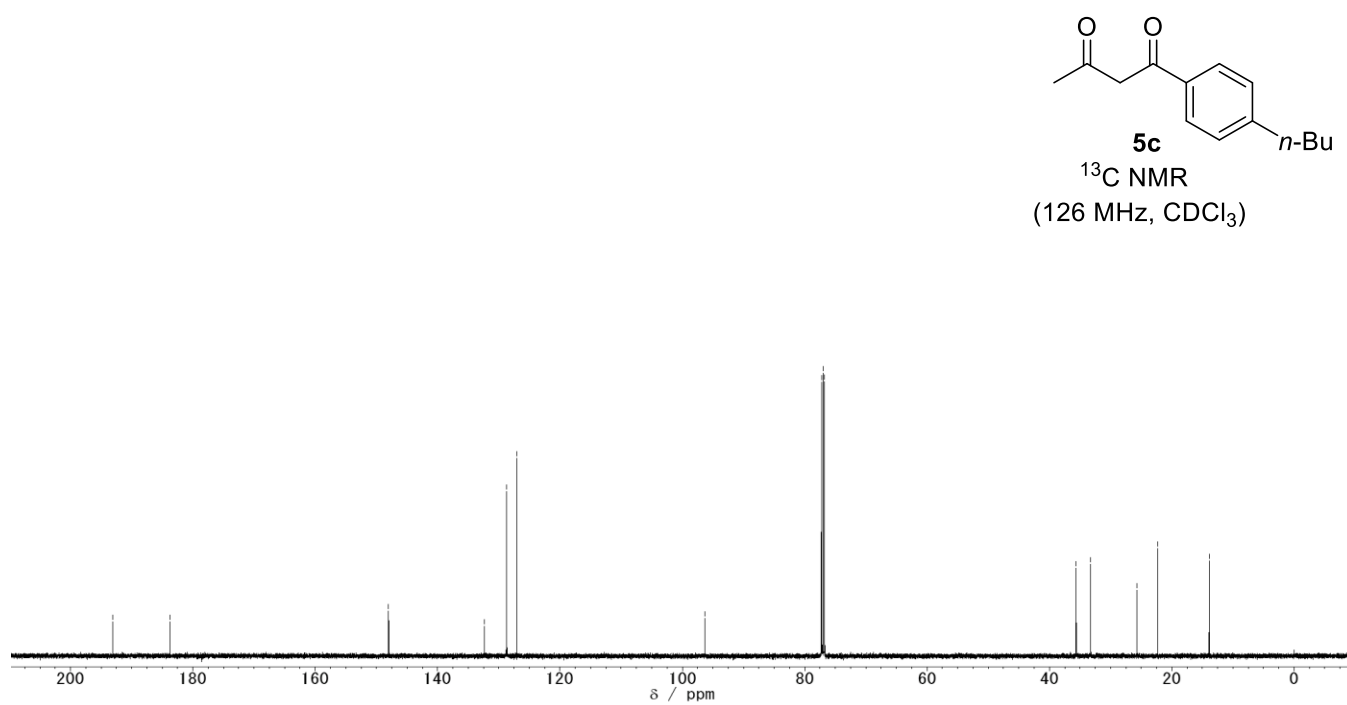
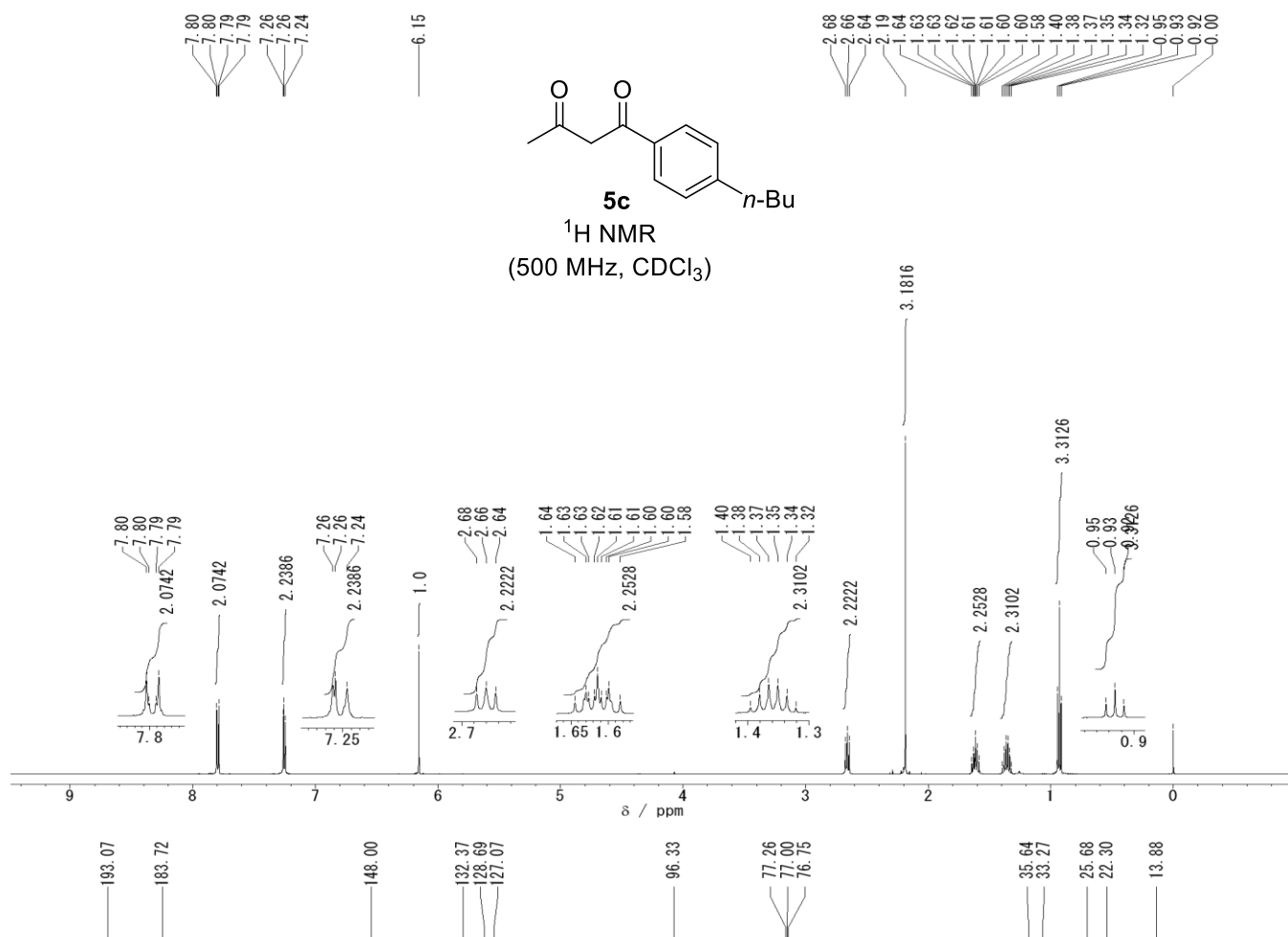
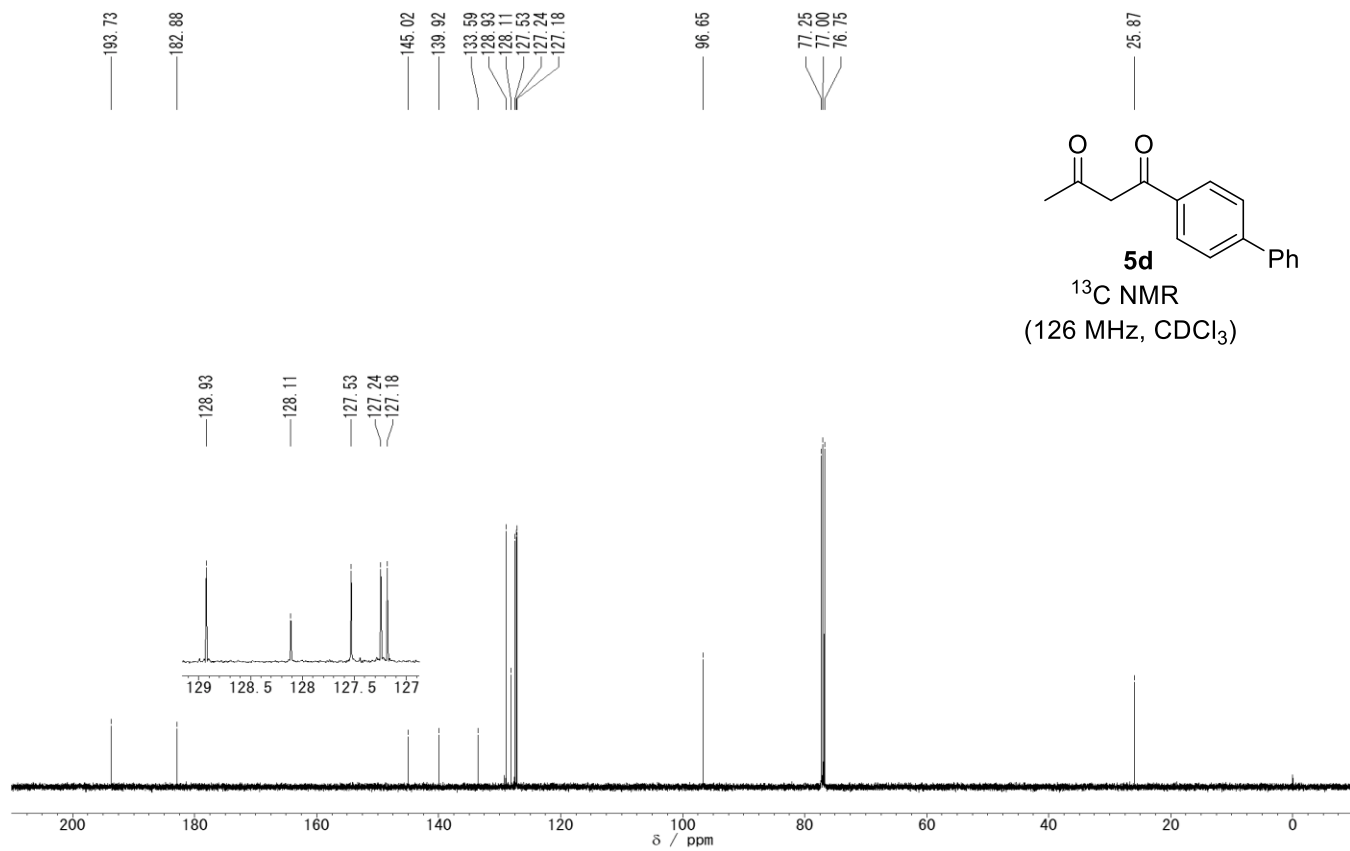
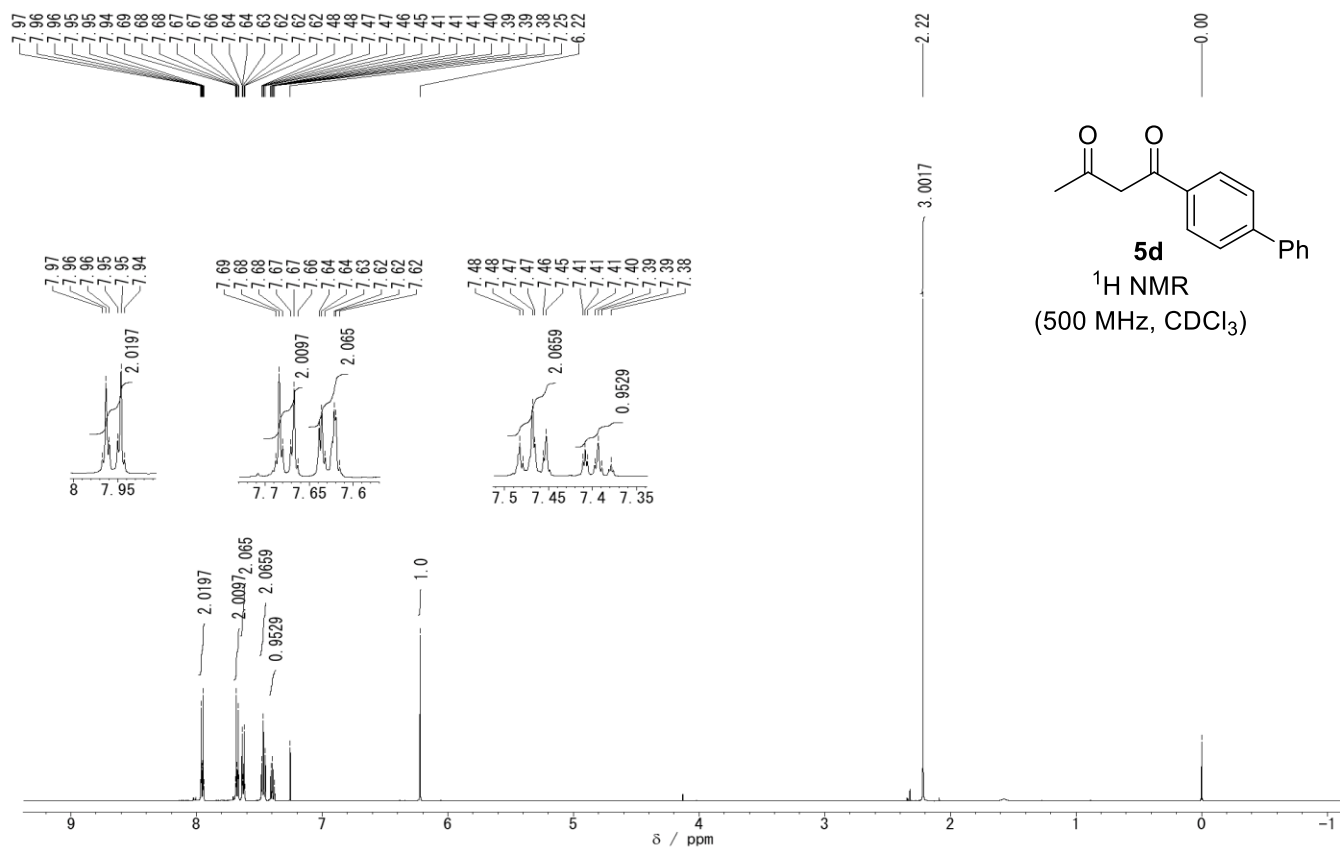


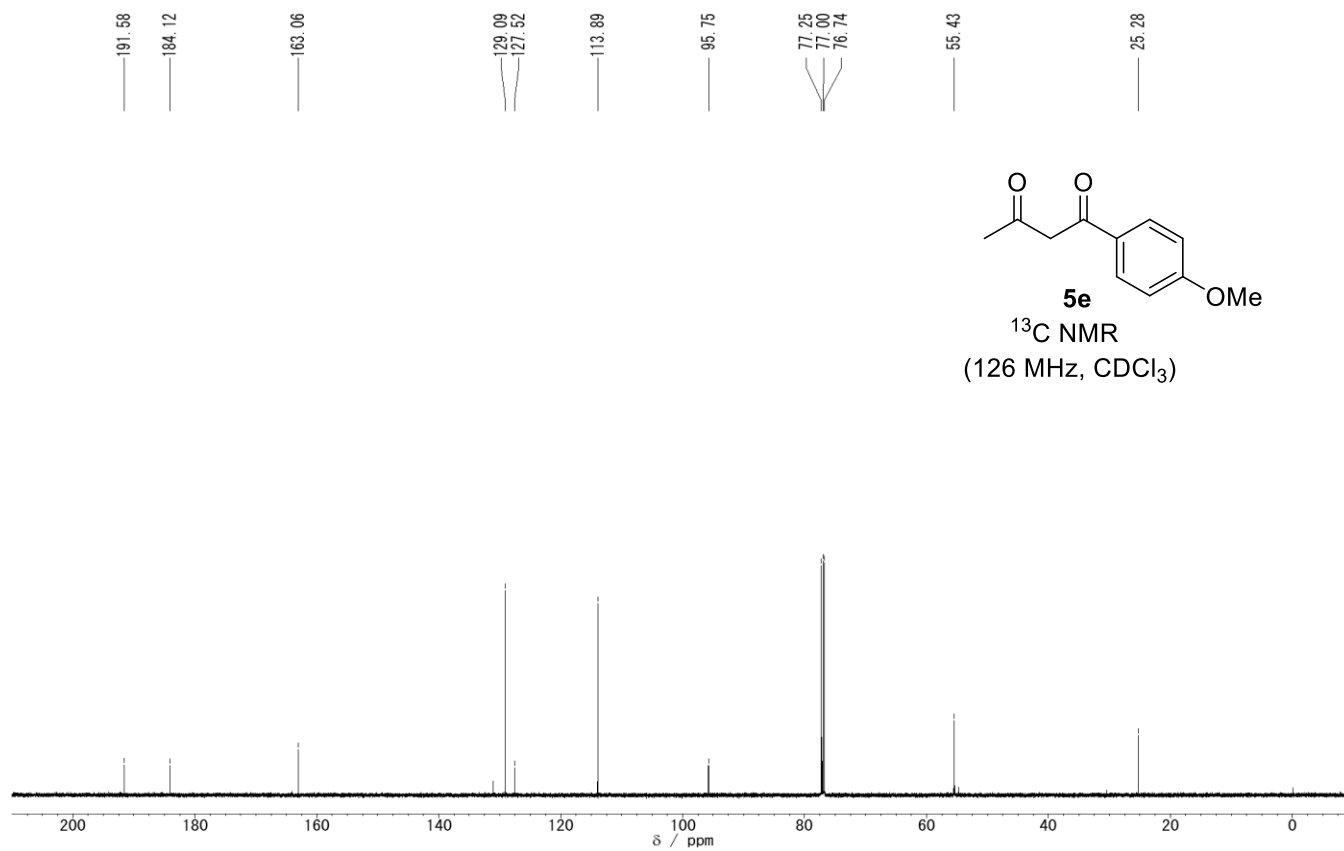
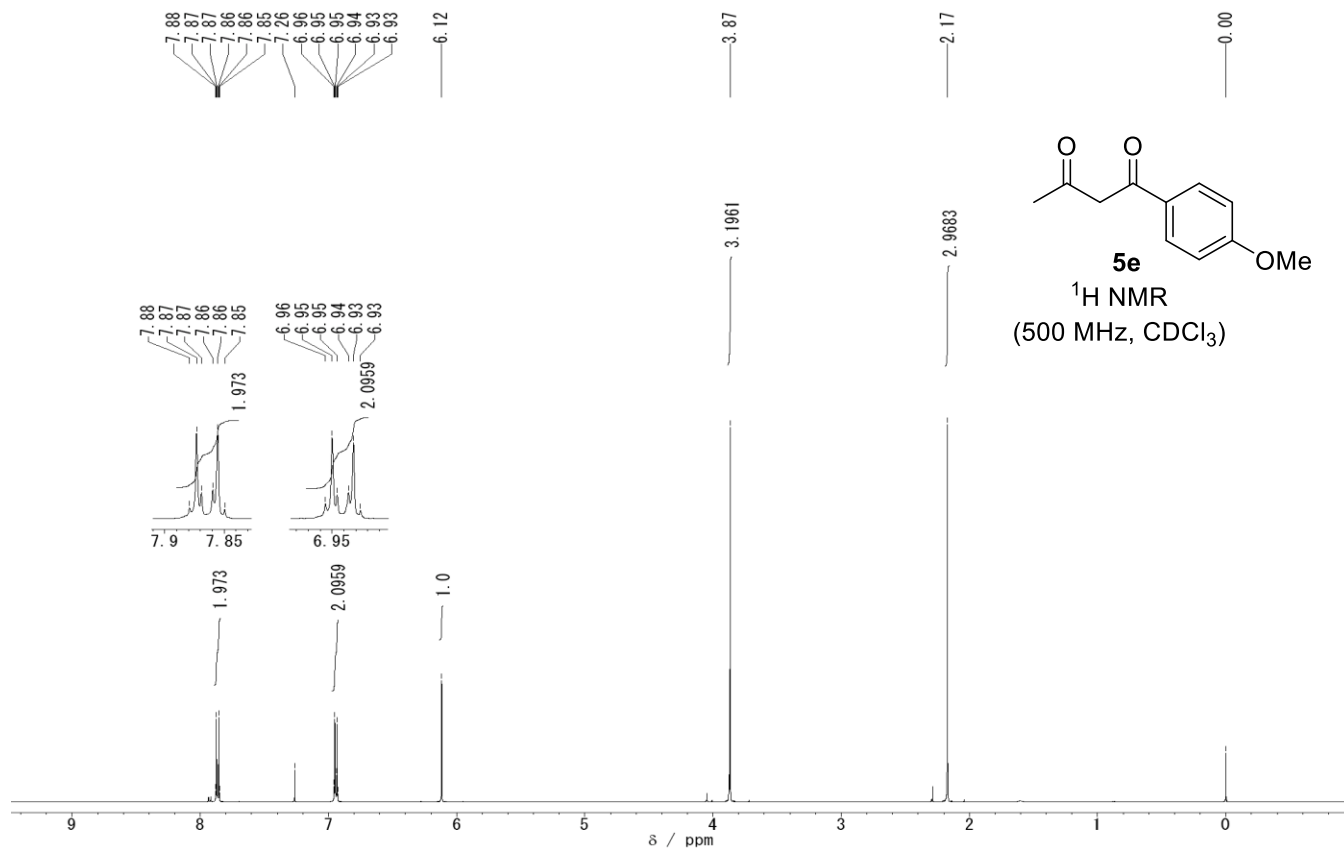
Figure S6. ¹H NMR spectra of sulfonium salt **2a** in the presence of K₂CO₃ (0.5 equiv) in CD₃CN containing 20% water after 10 min of mixing

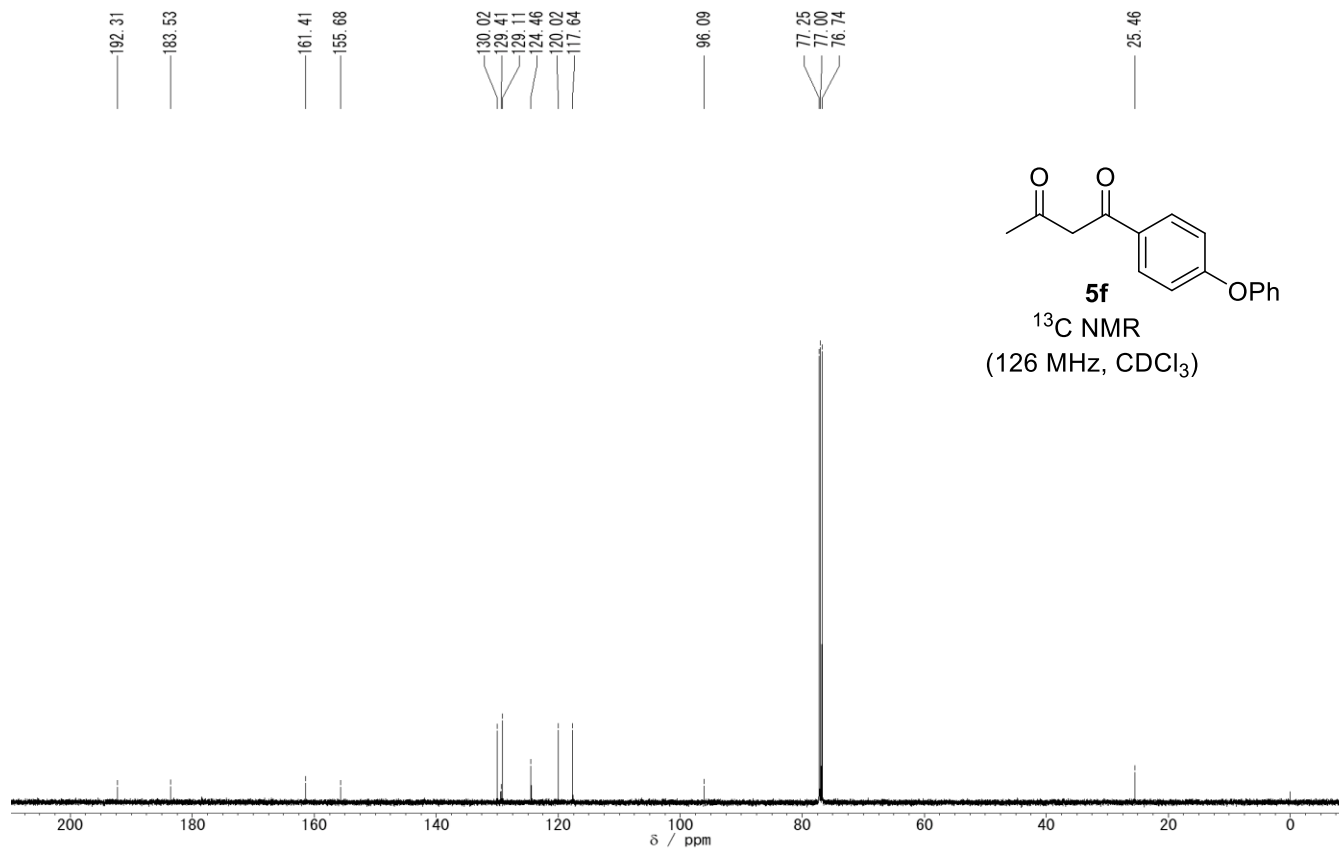
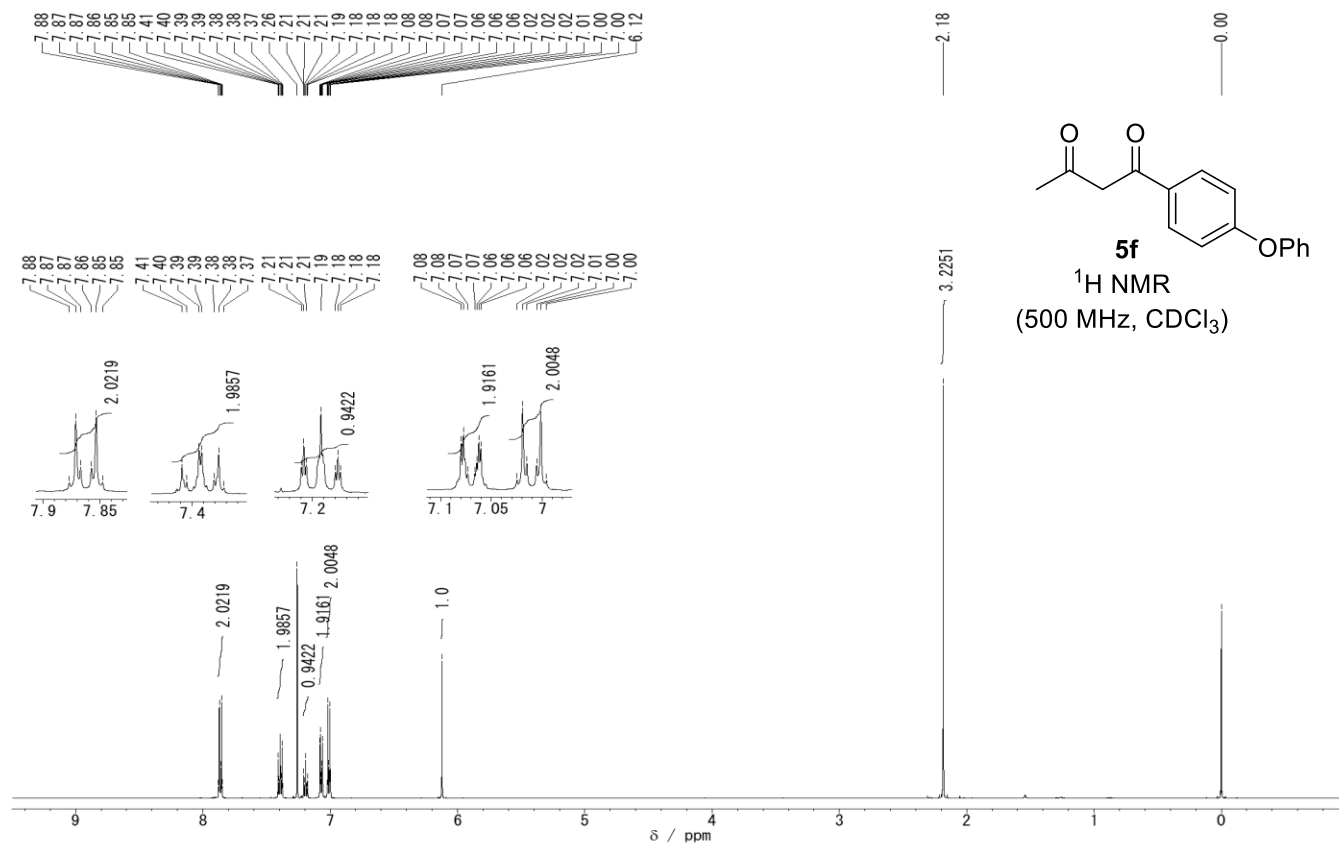


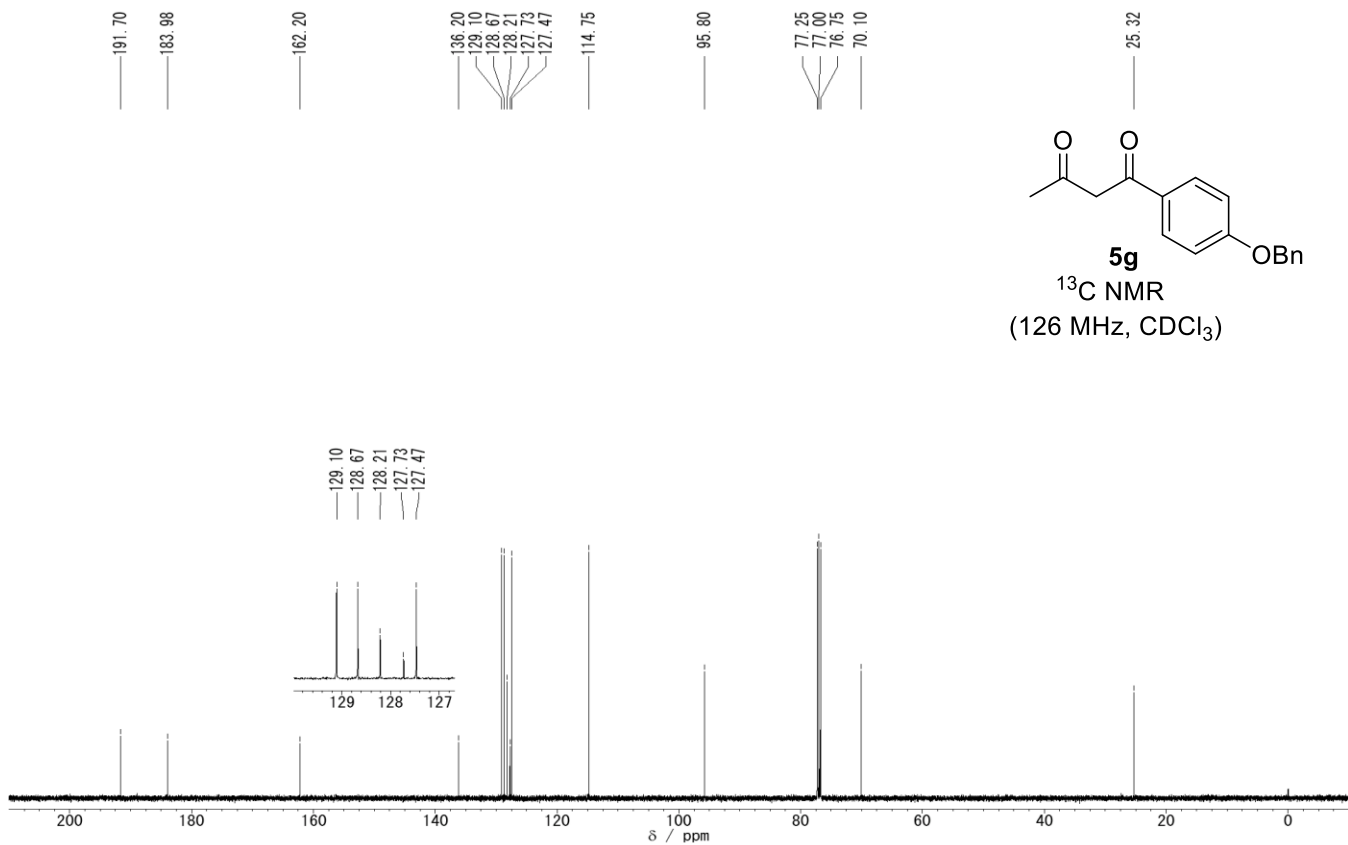
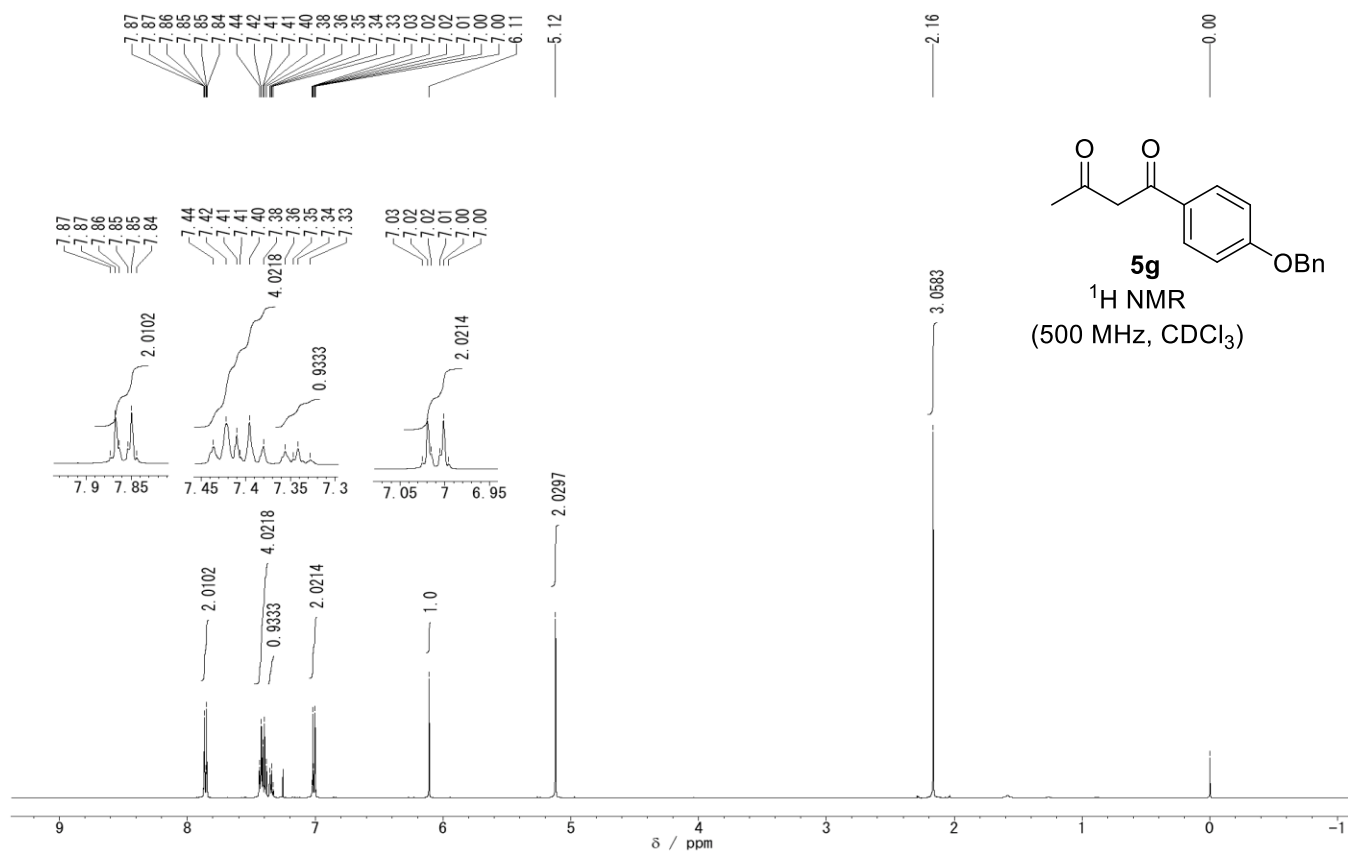


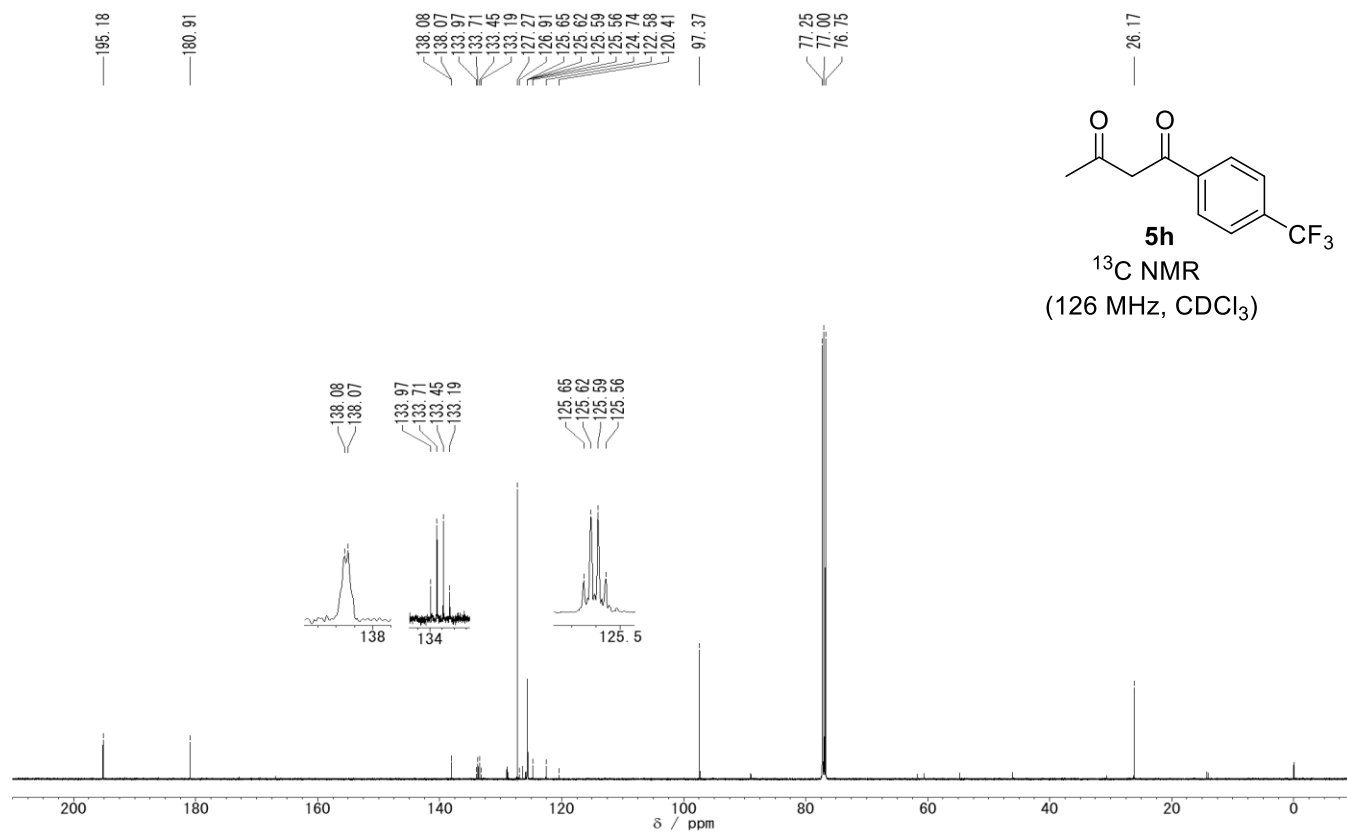
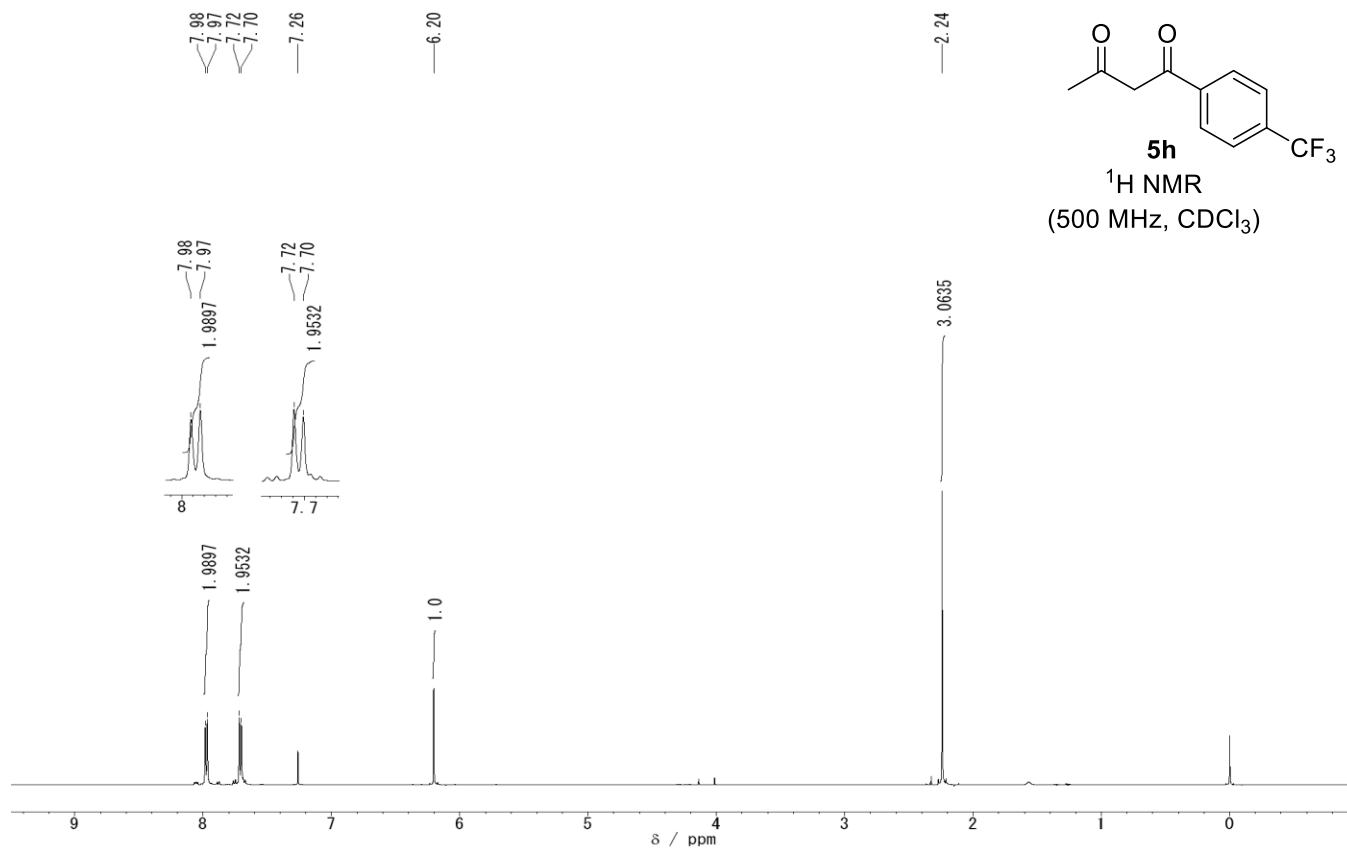


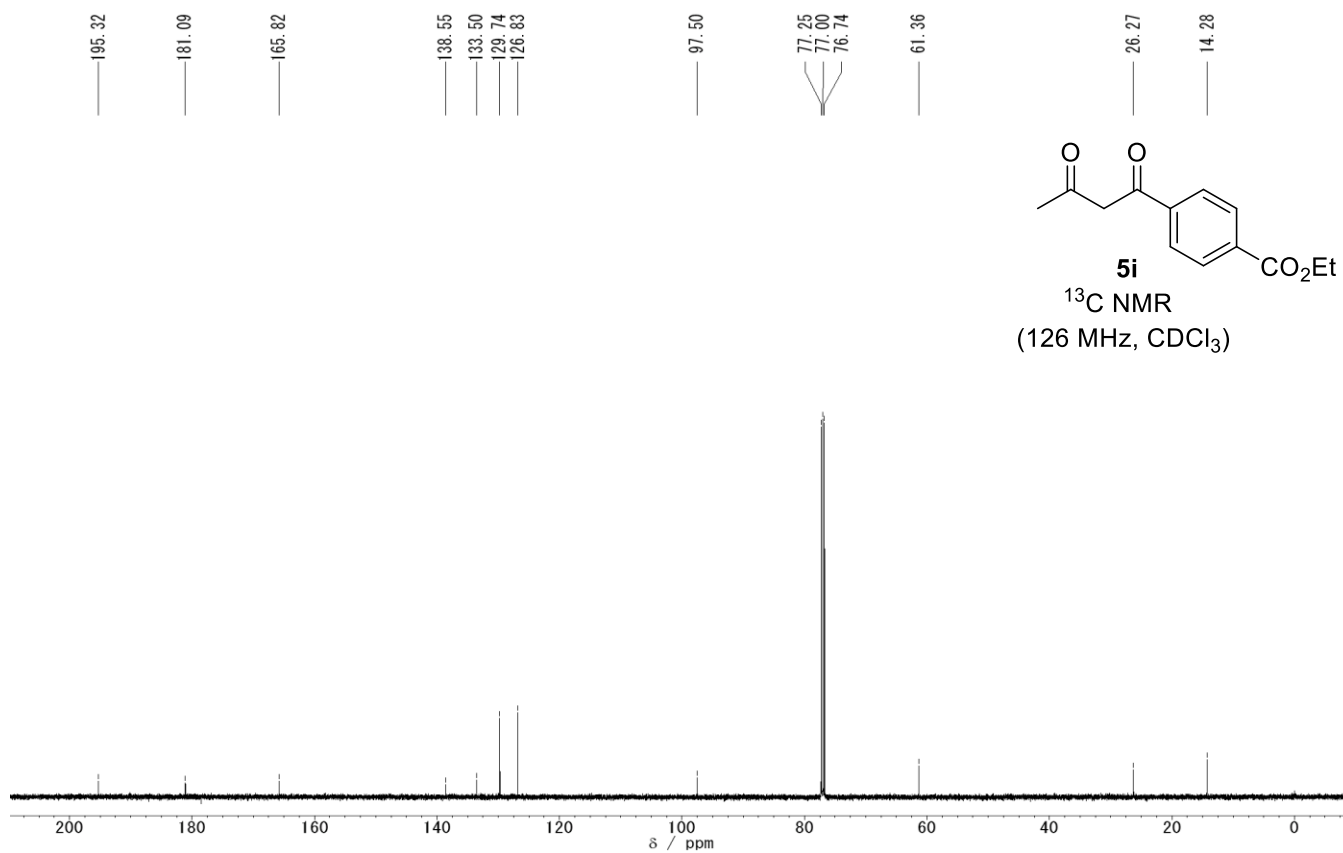
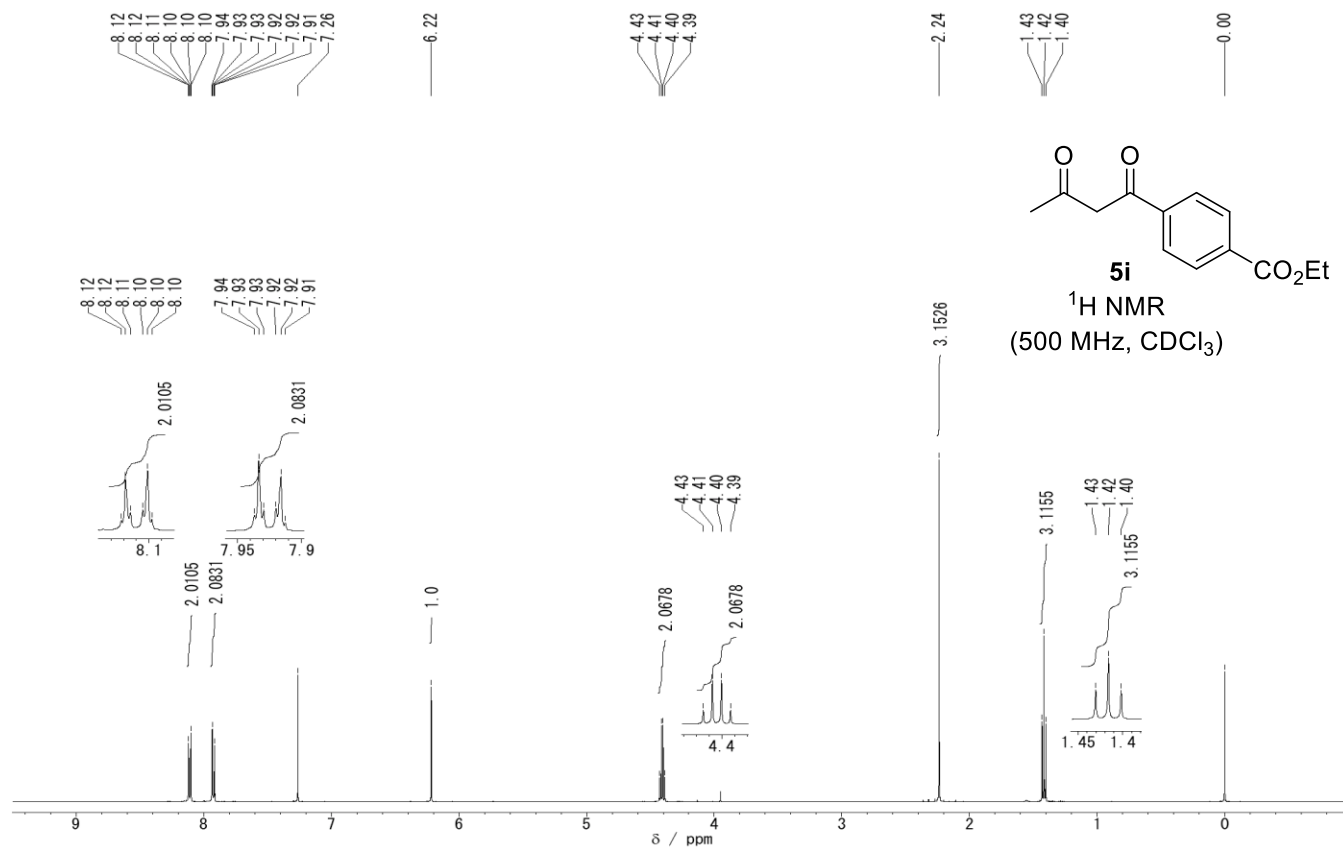


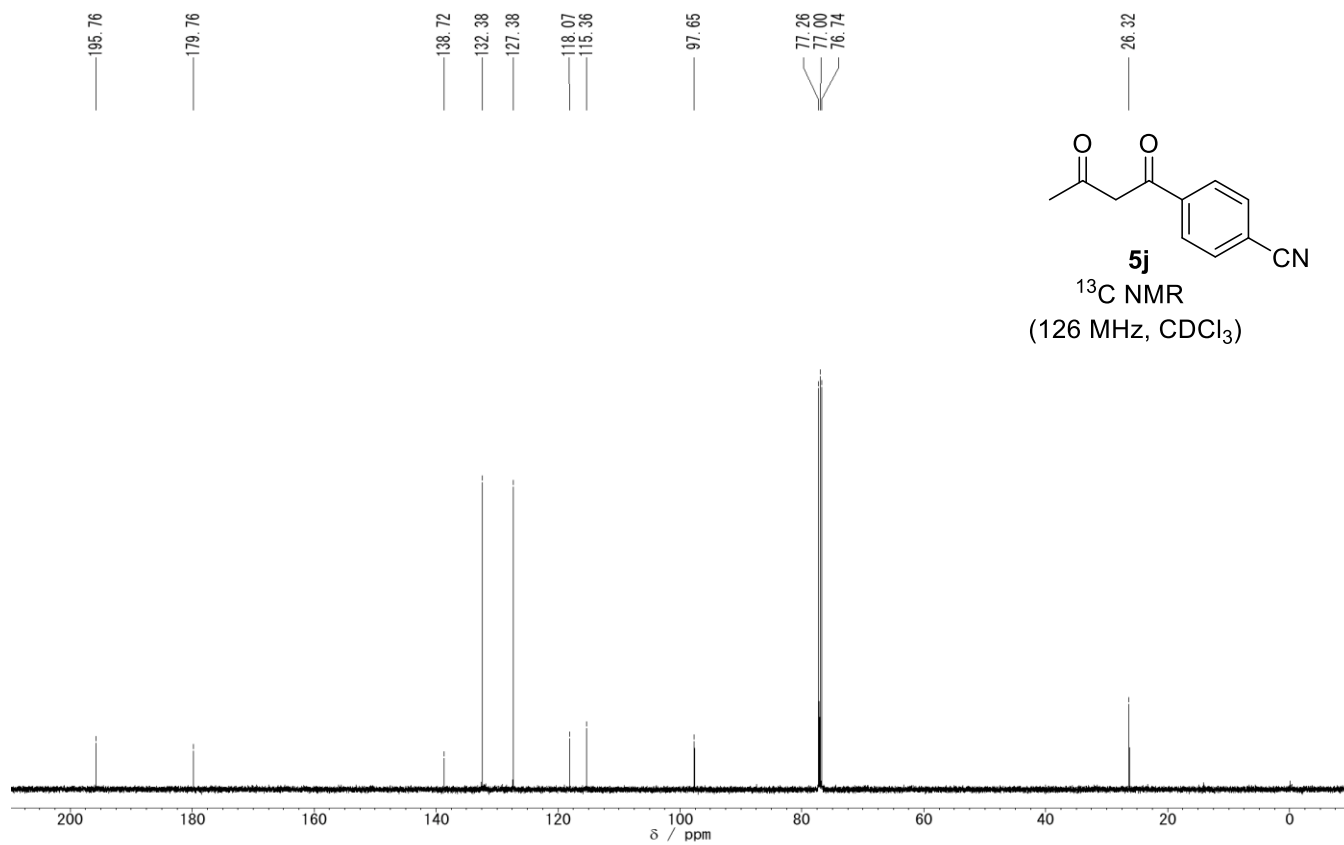
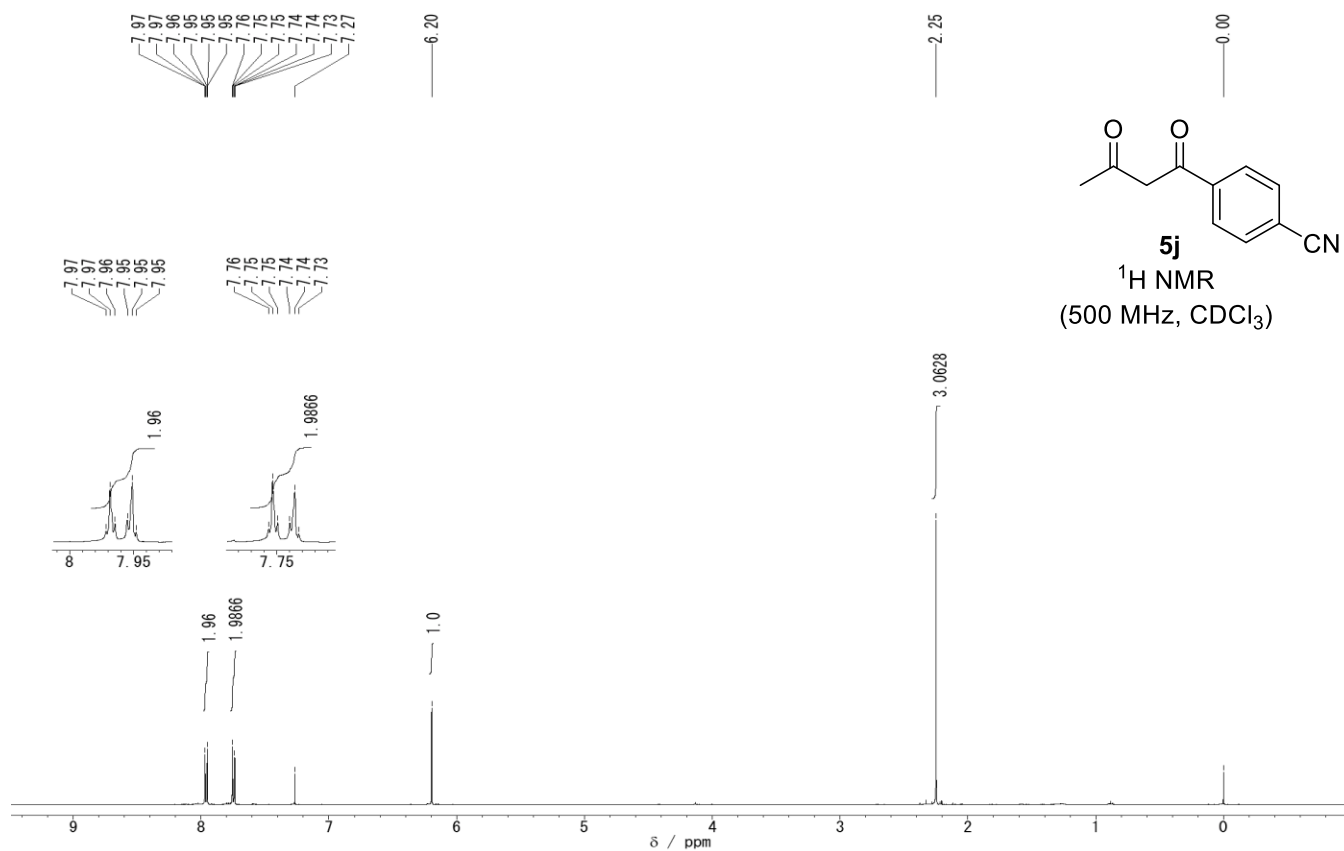


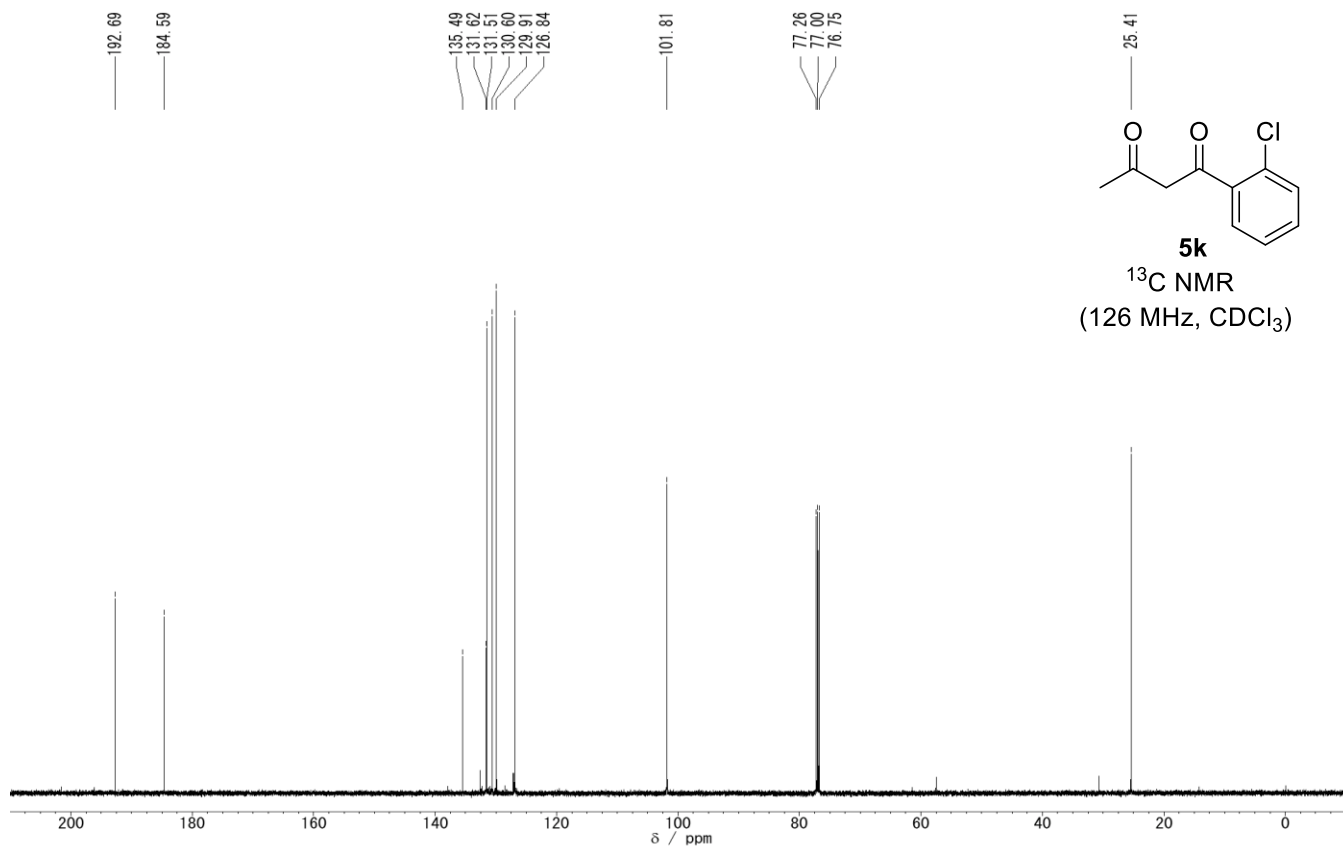
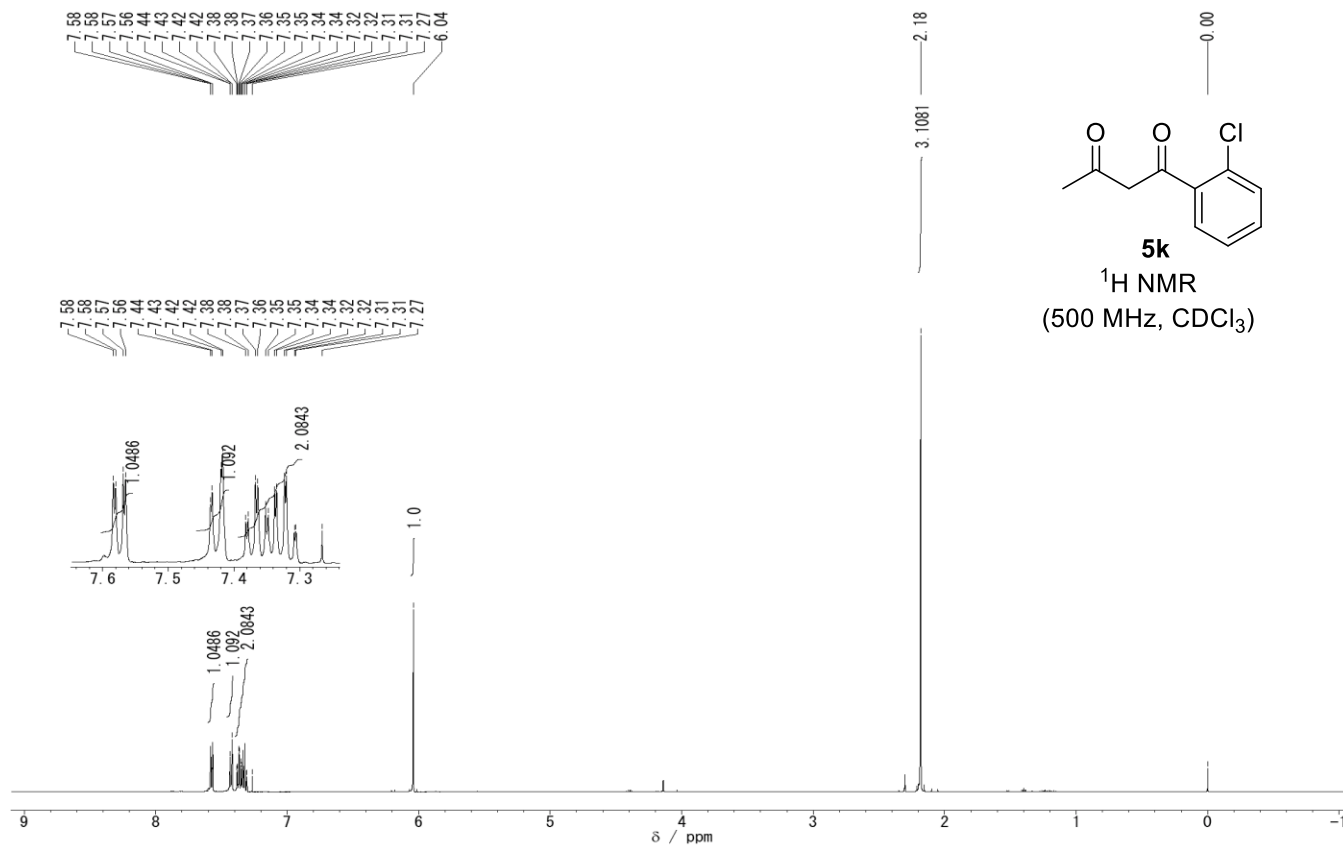


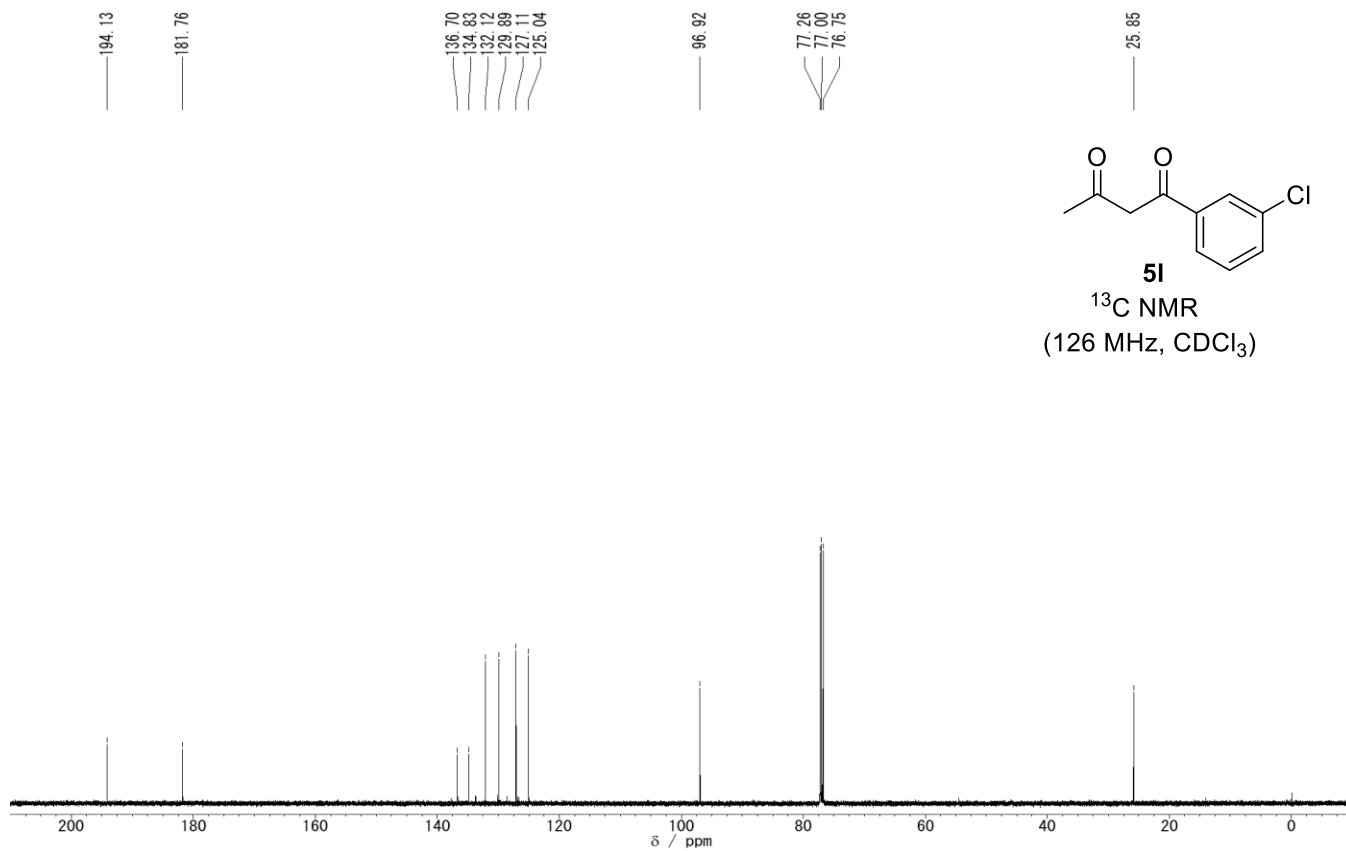
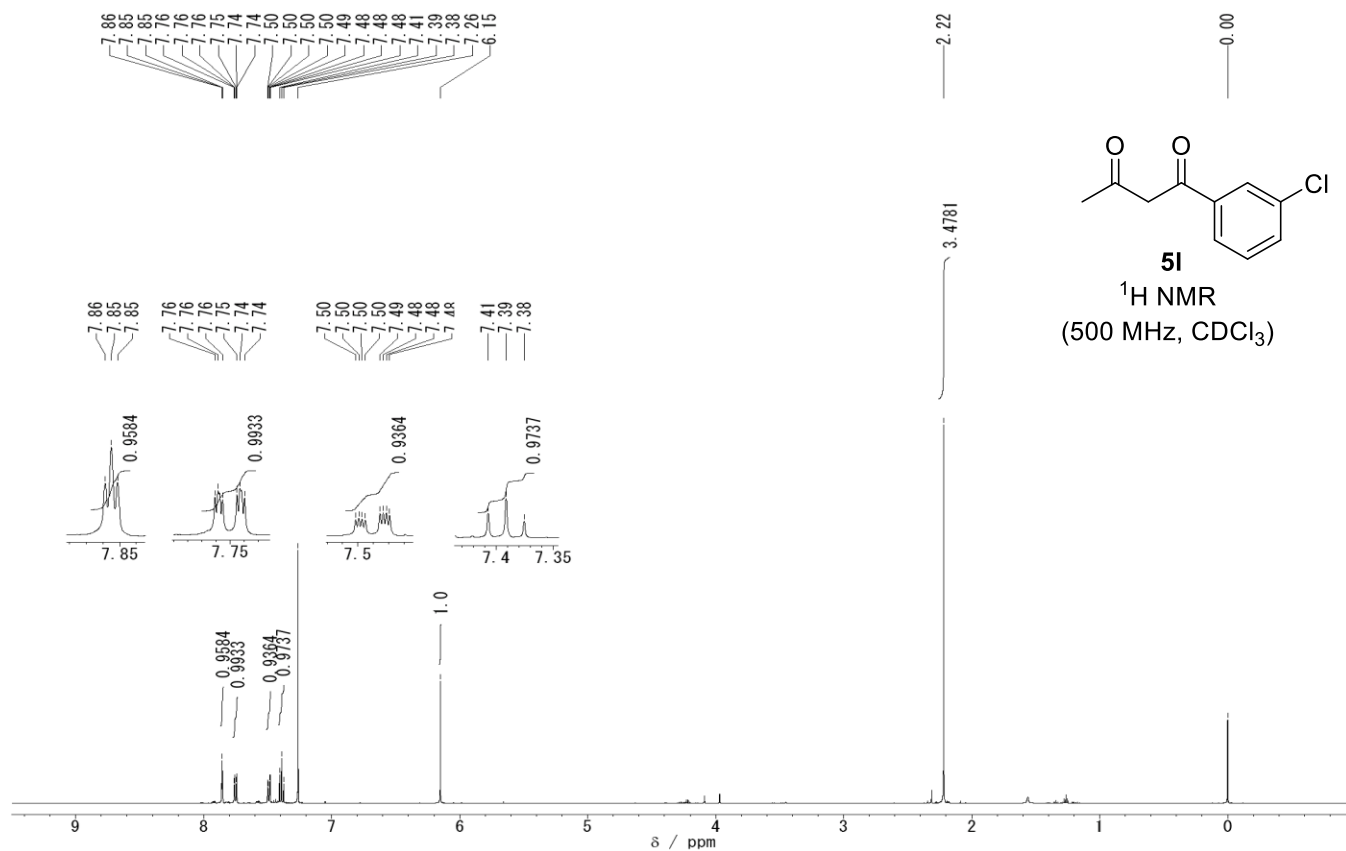


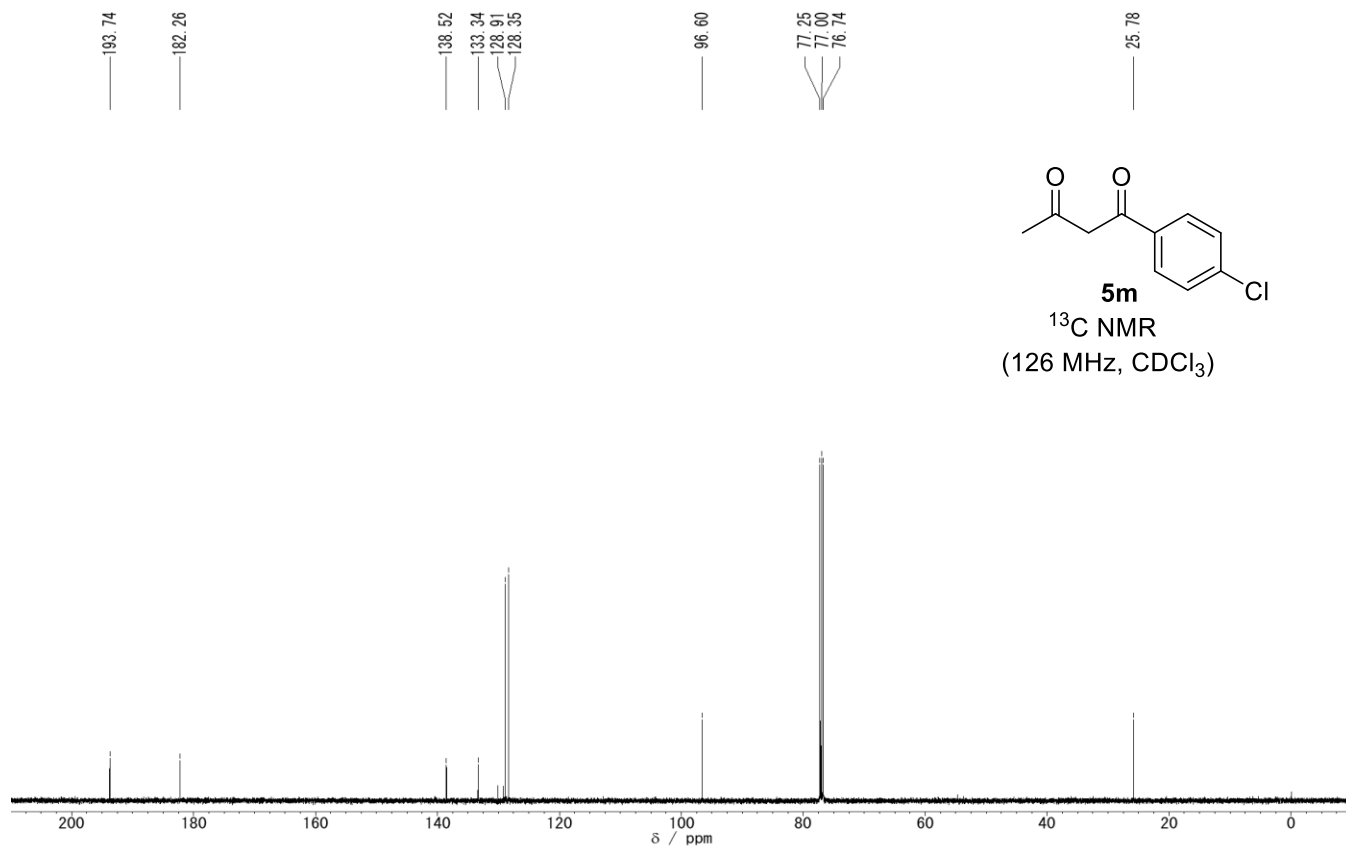
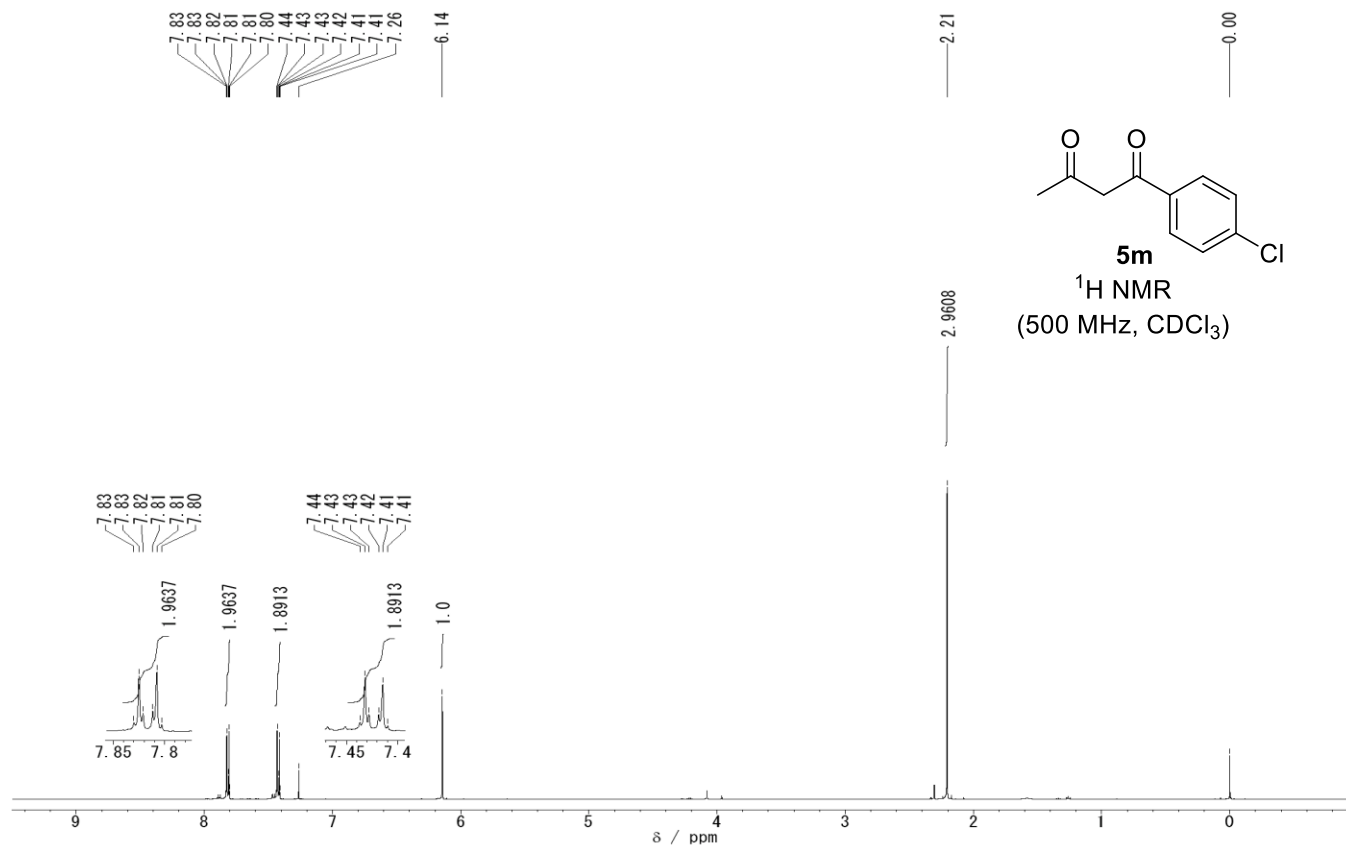


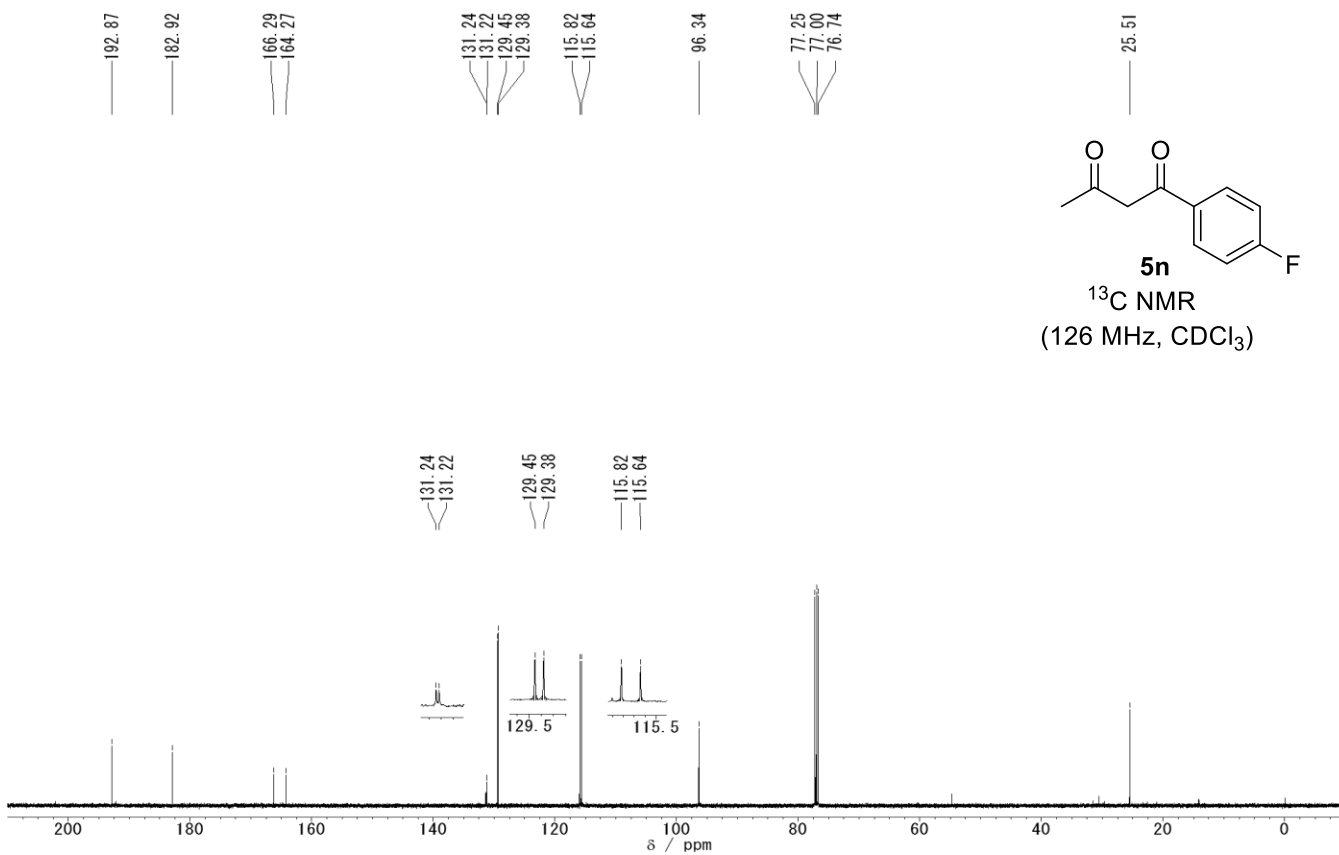
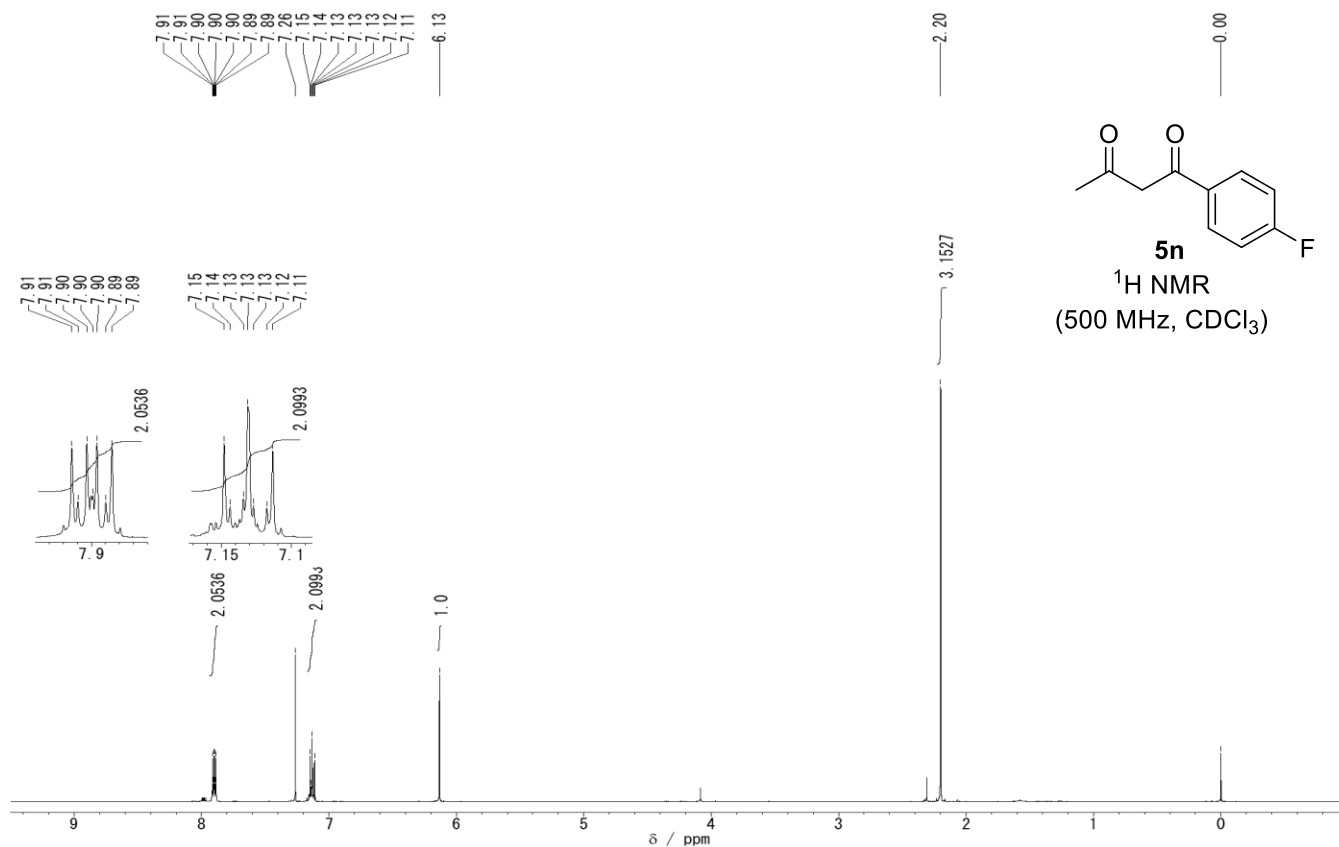


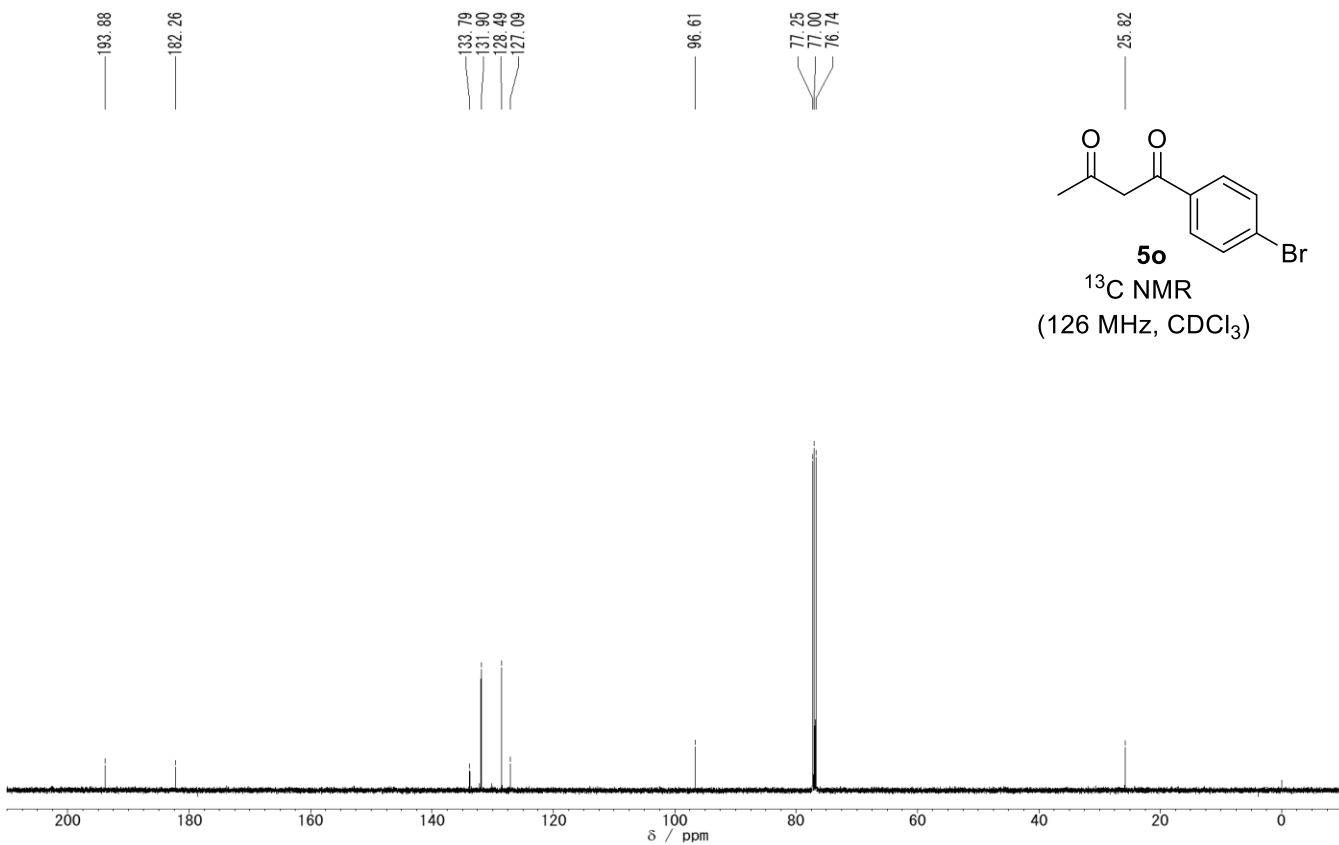
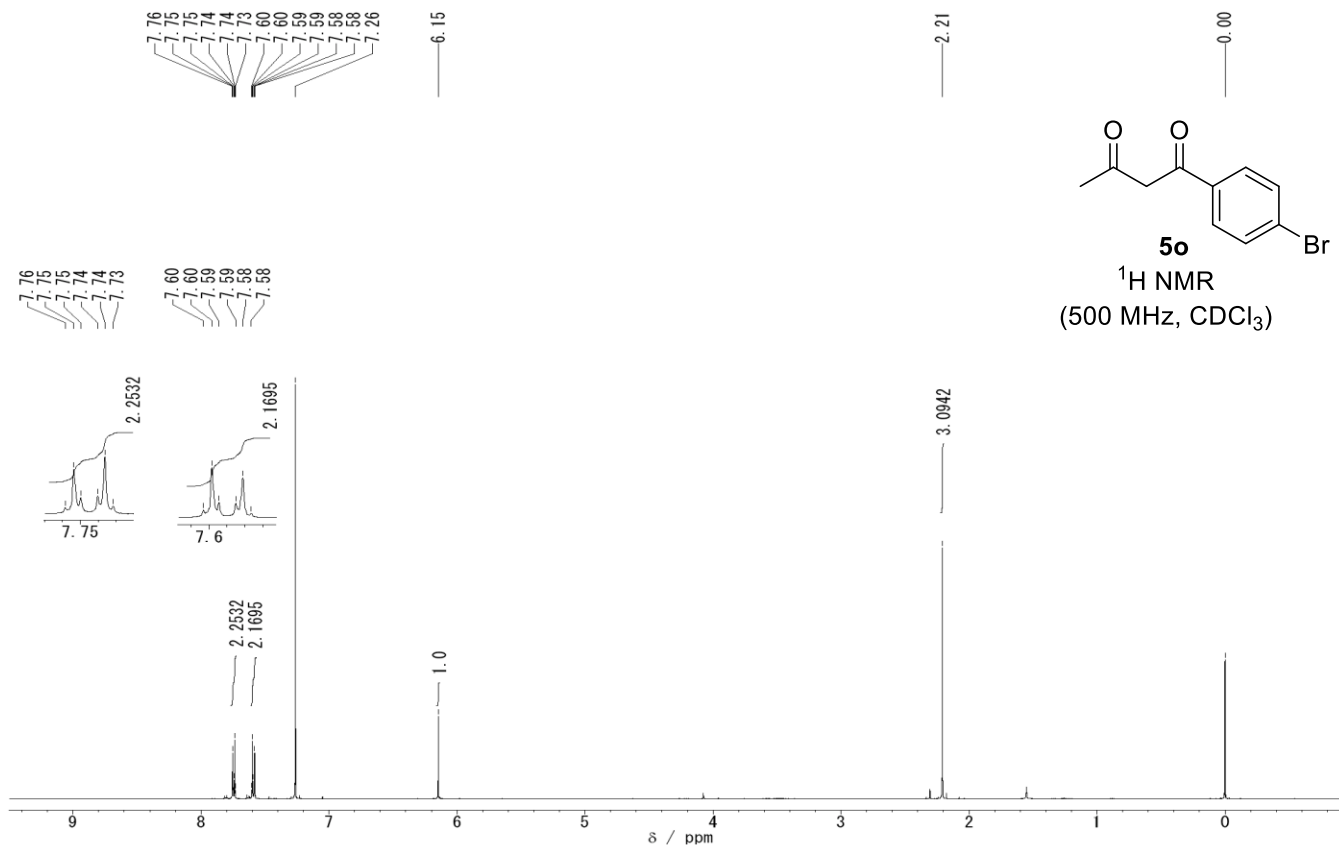


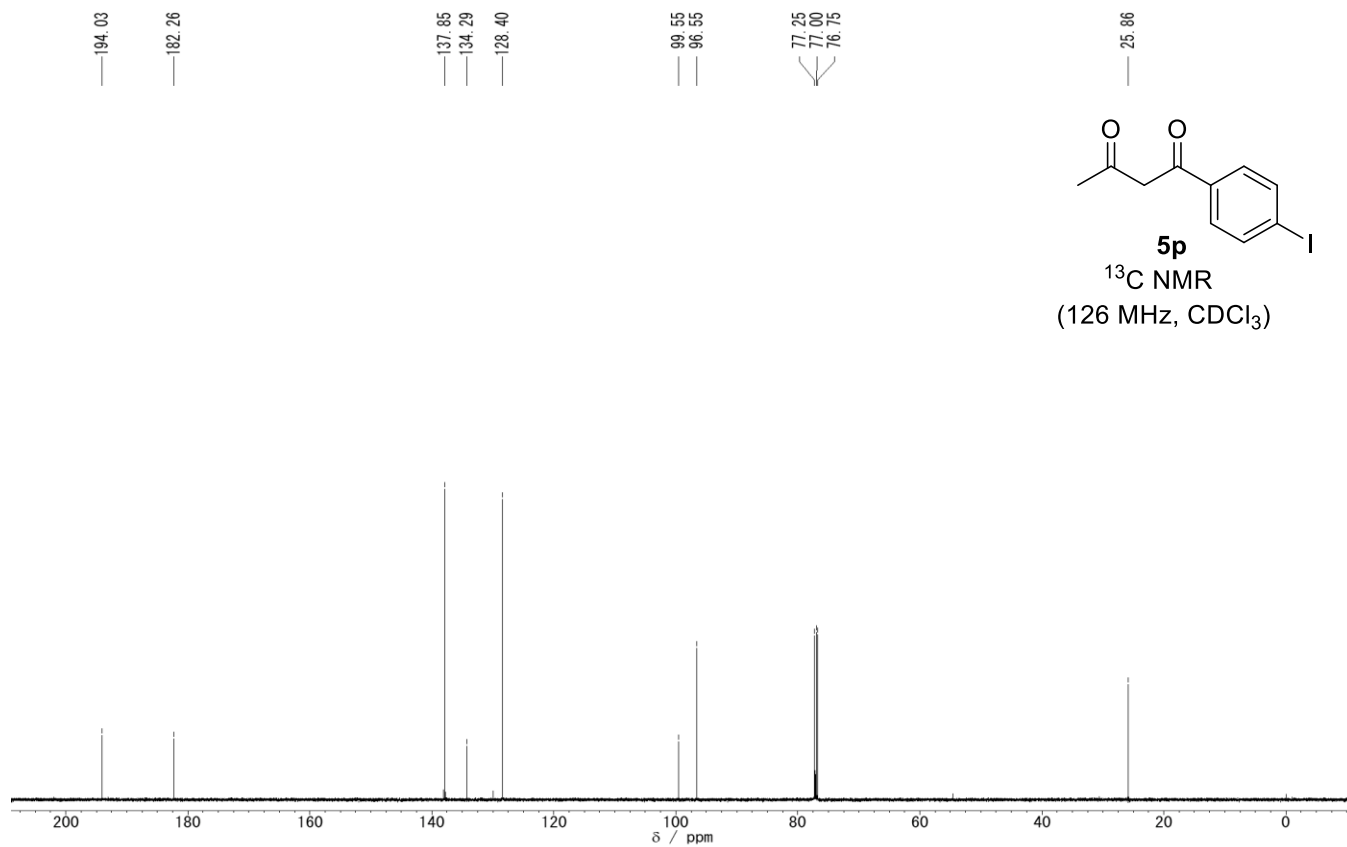
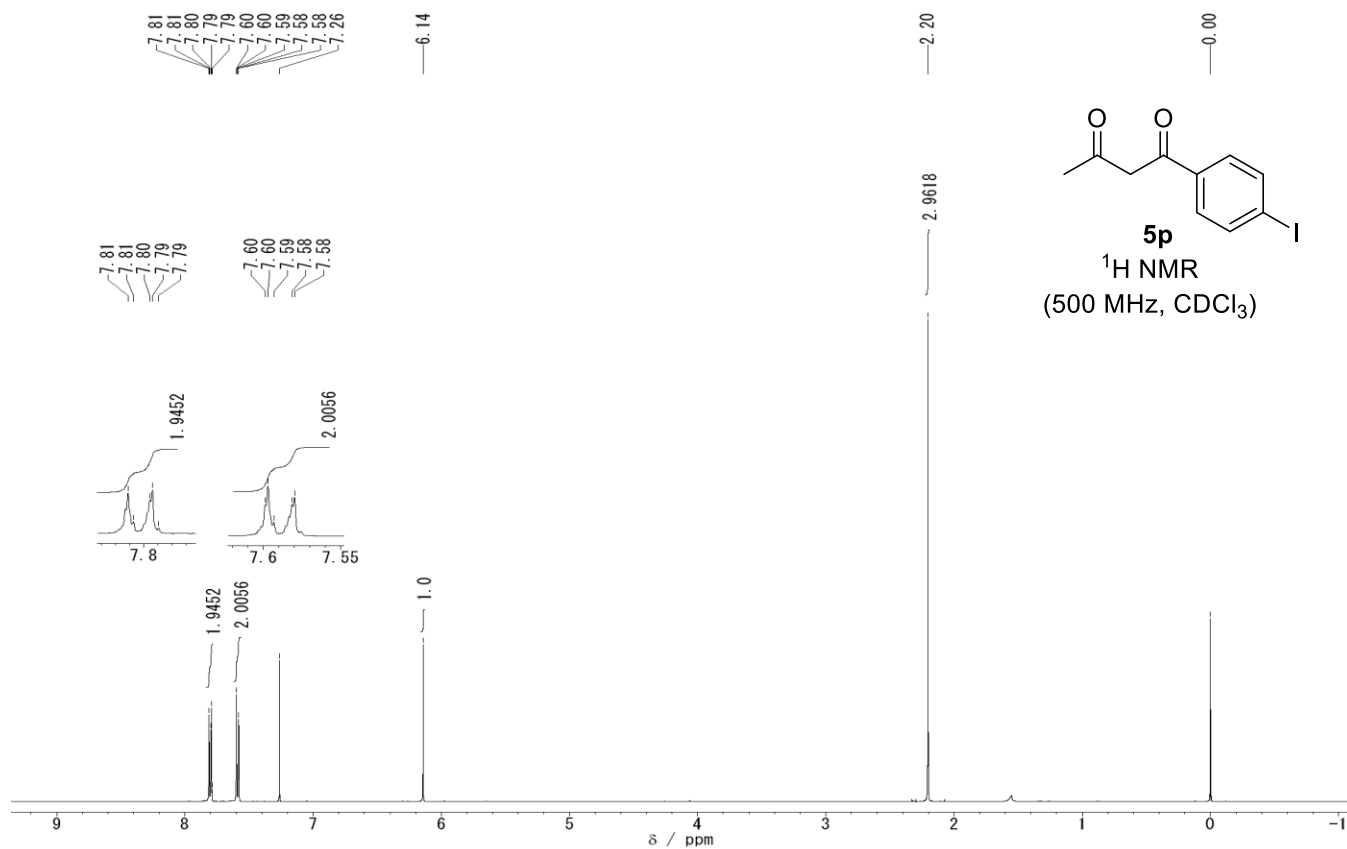


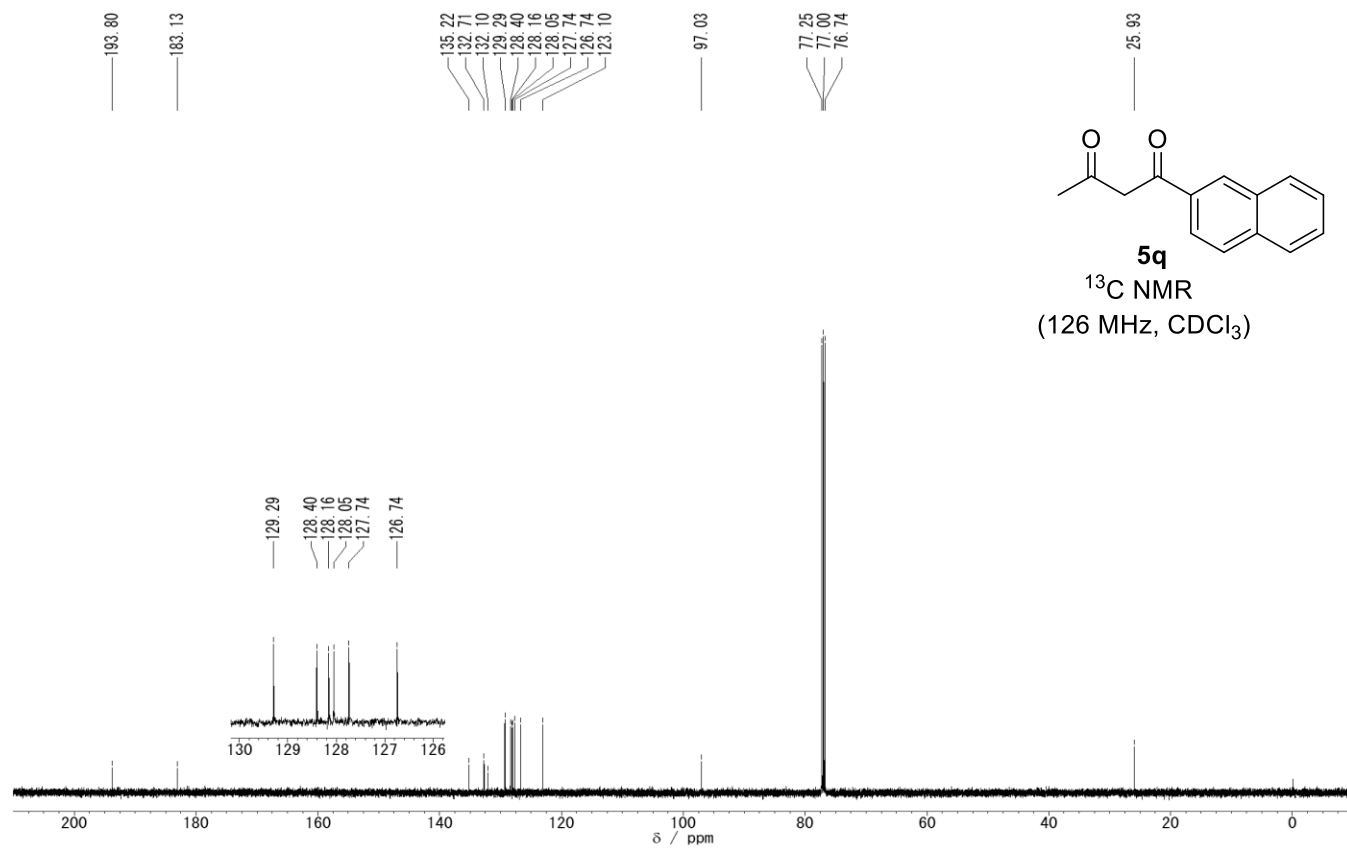
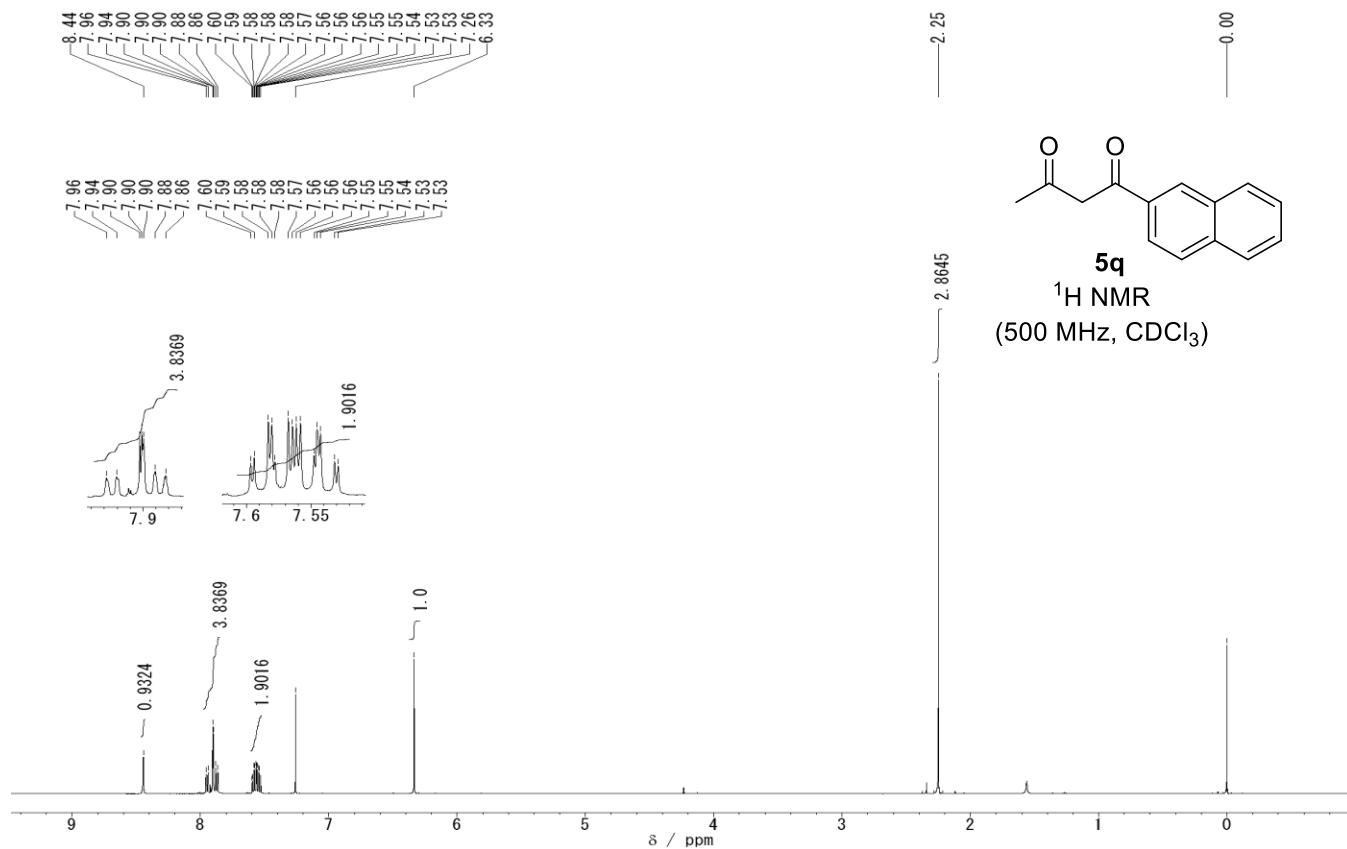


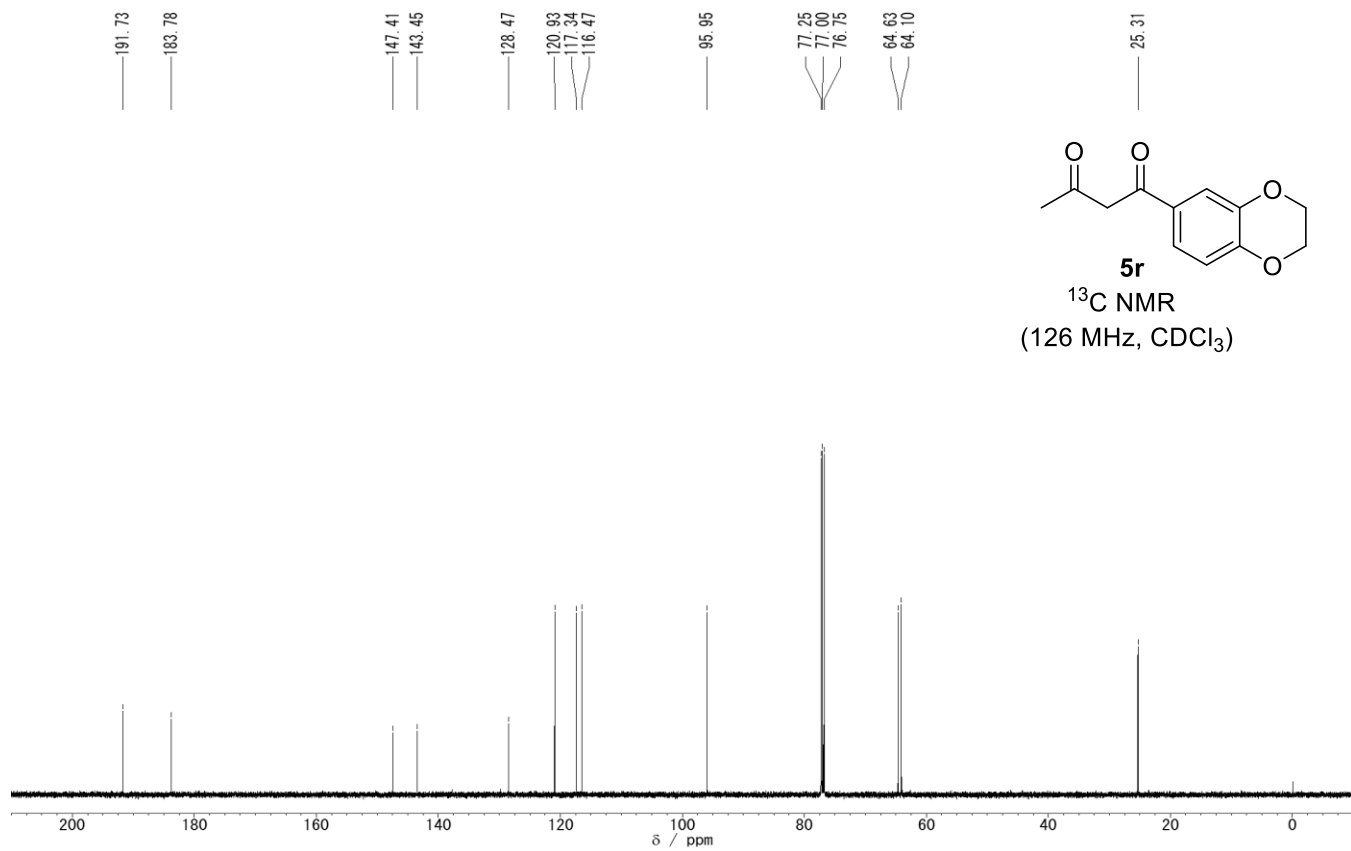
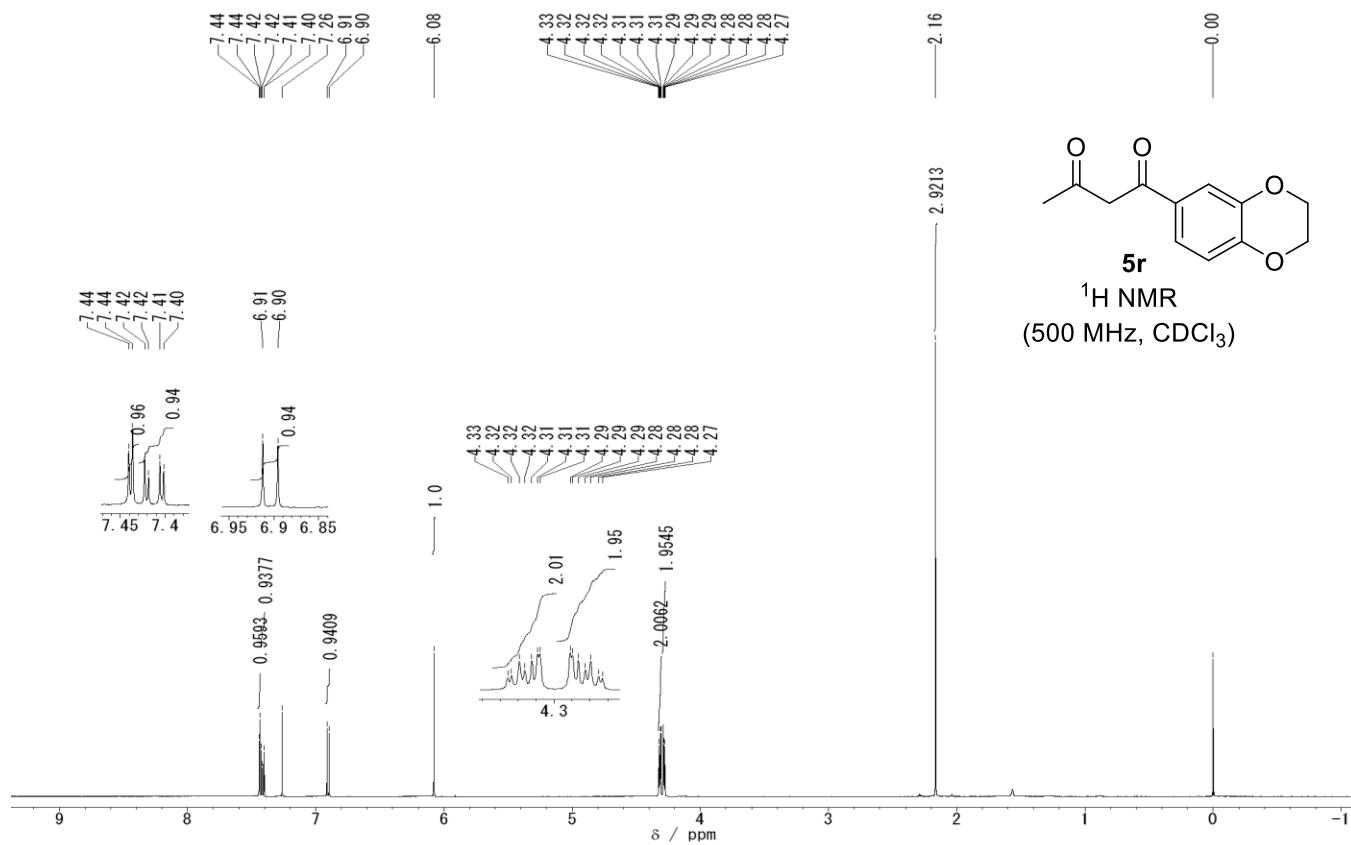


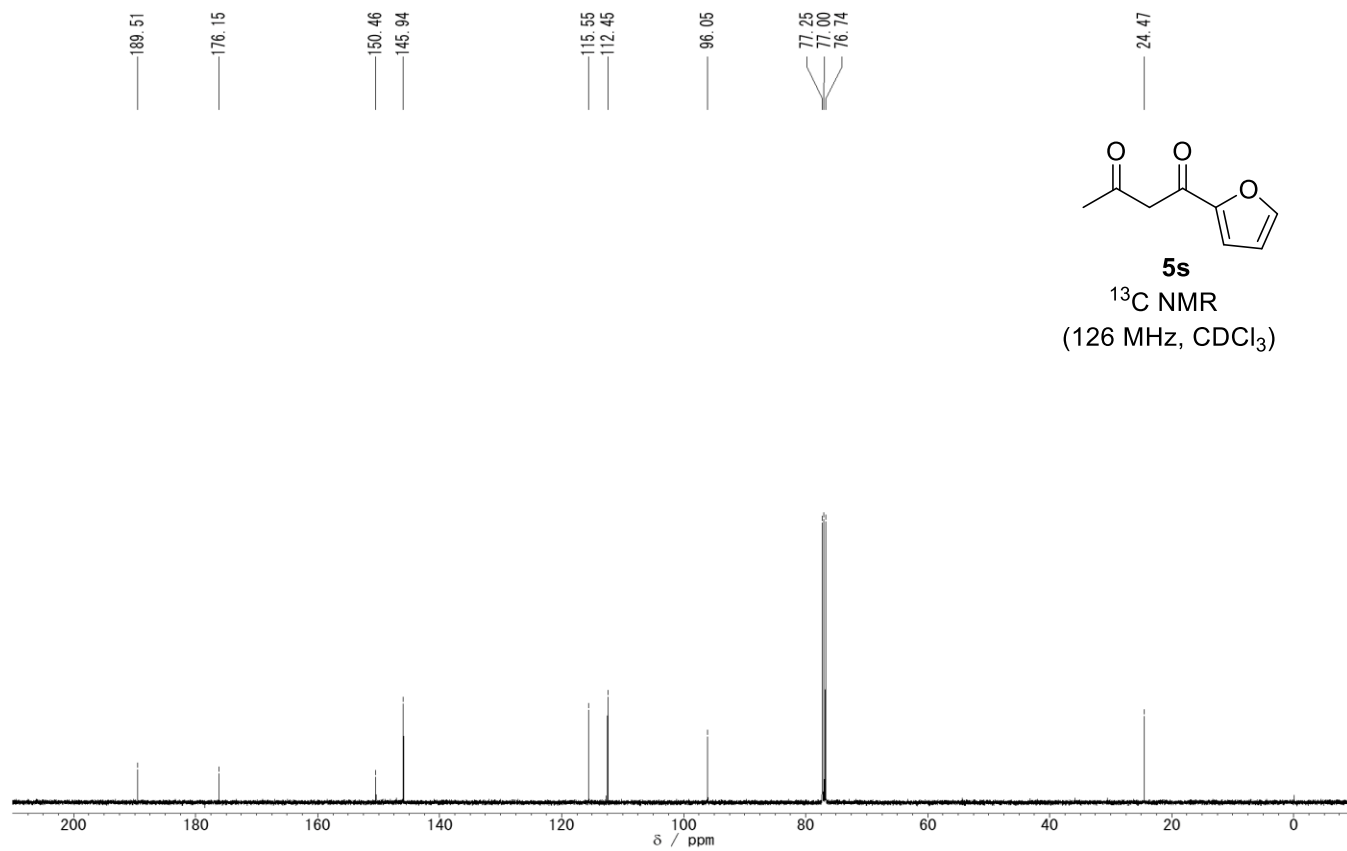
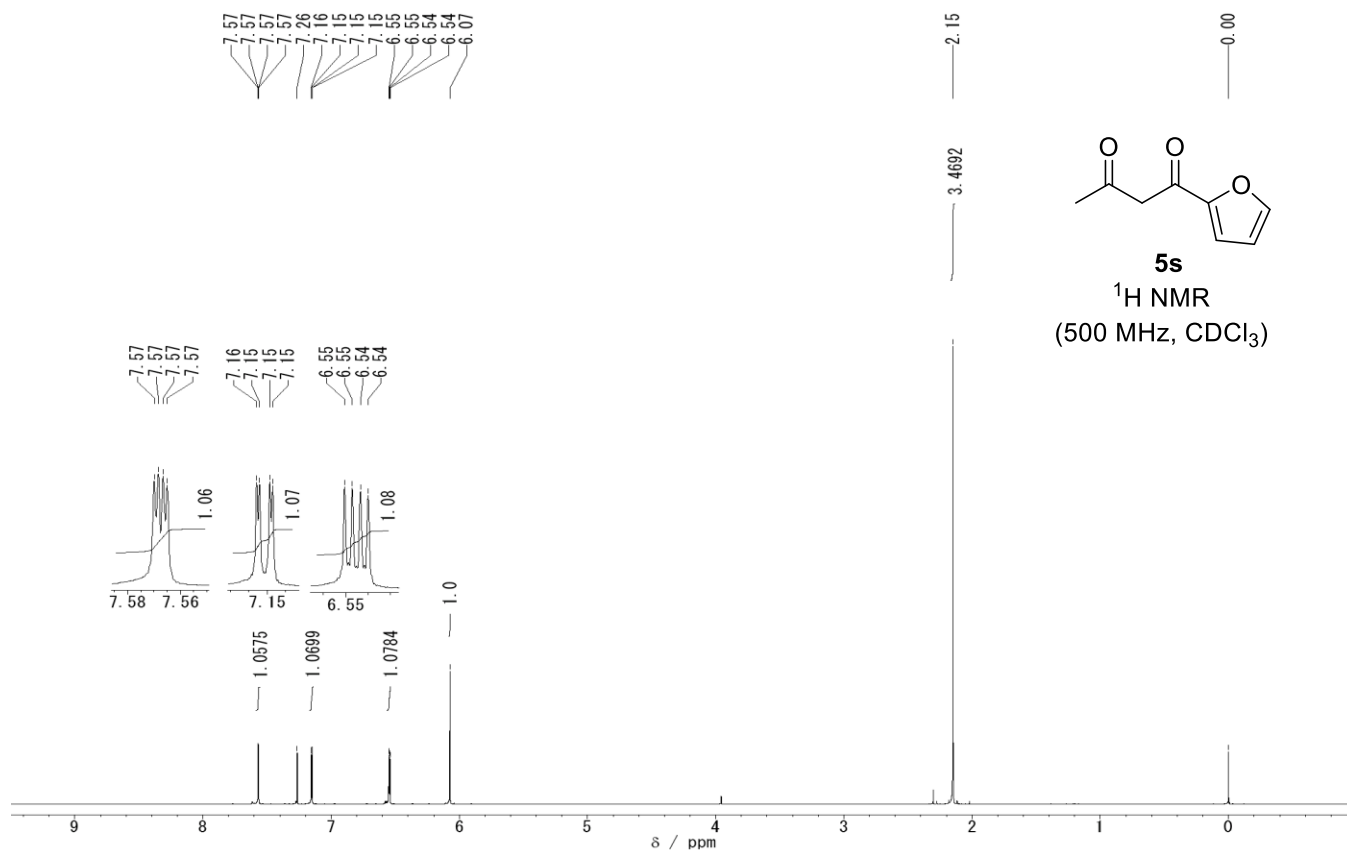


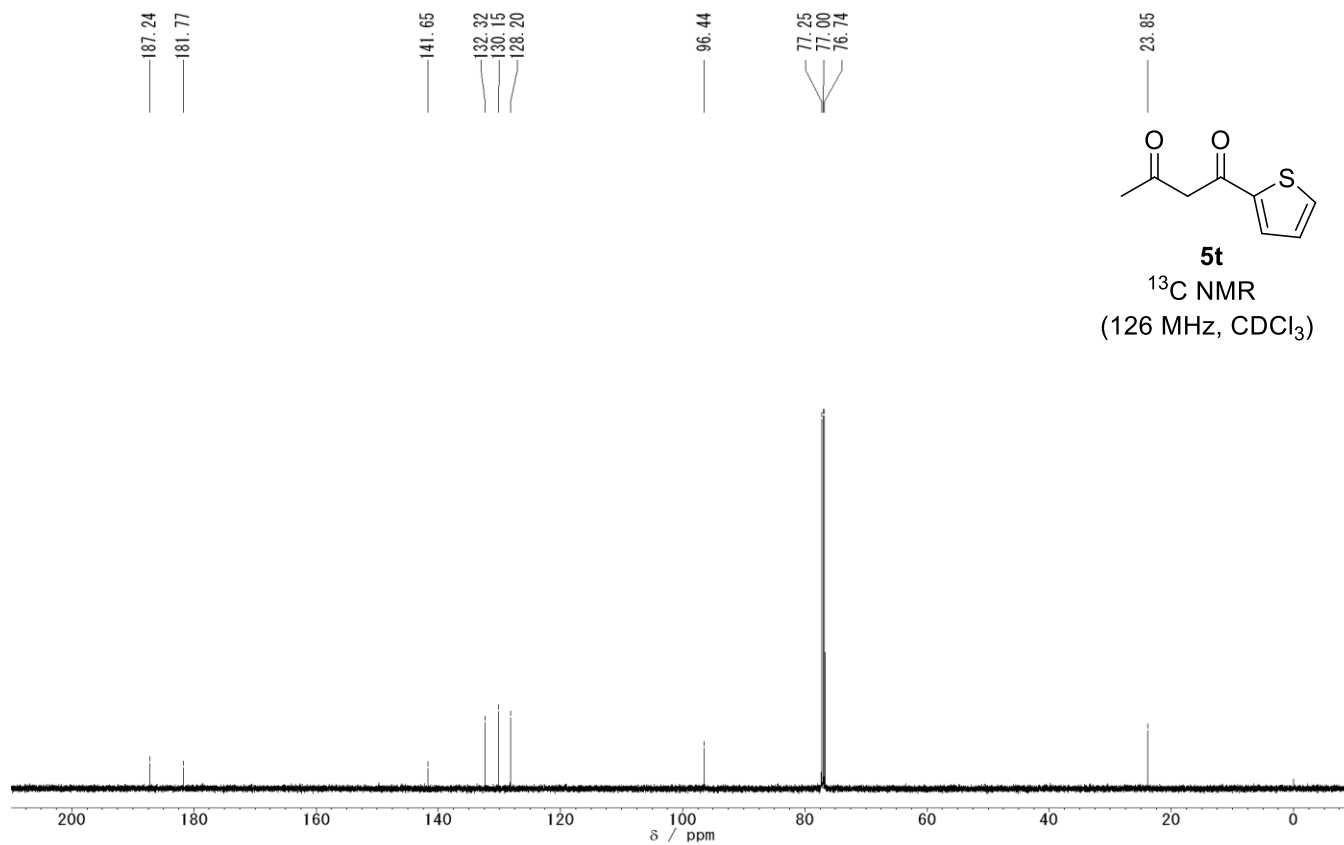
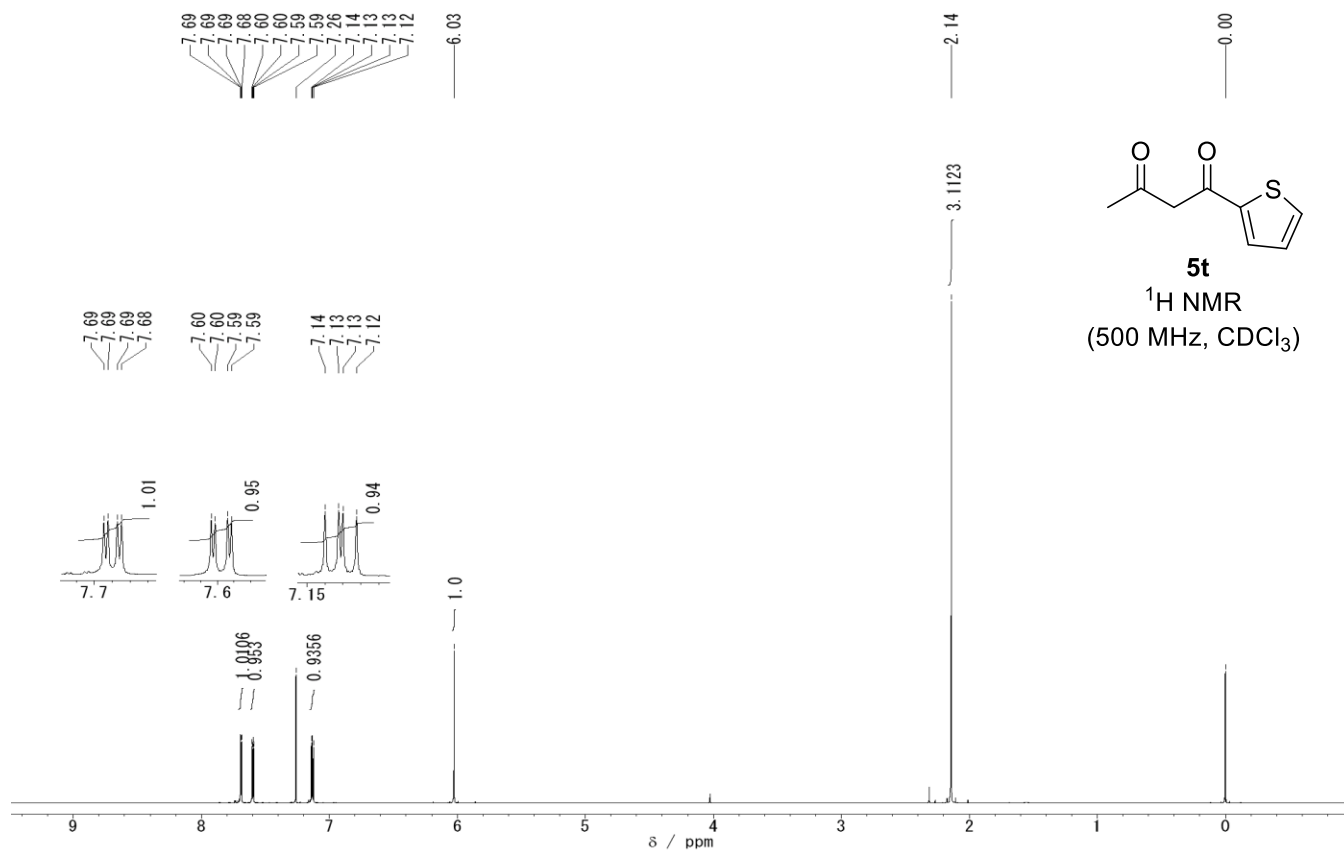


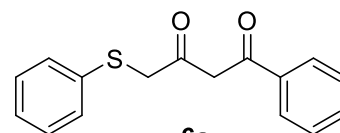
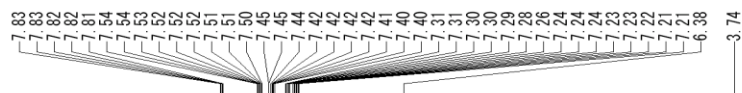




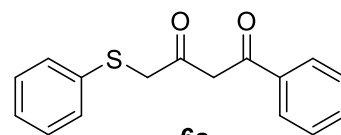
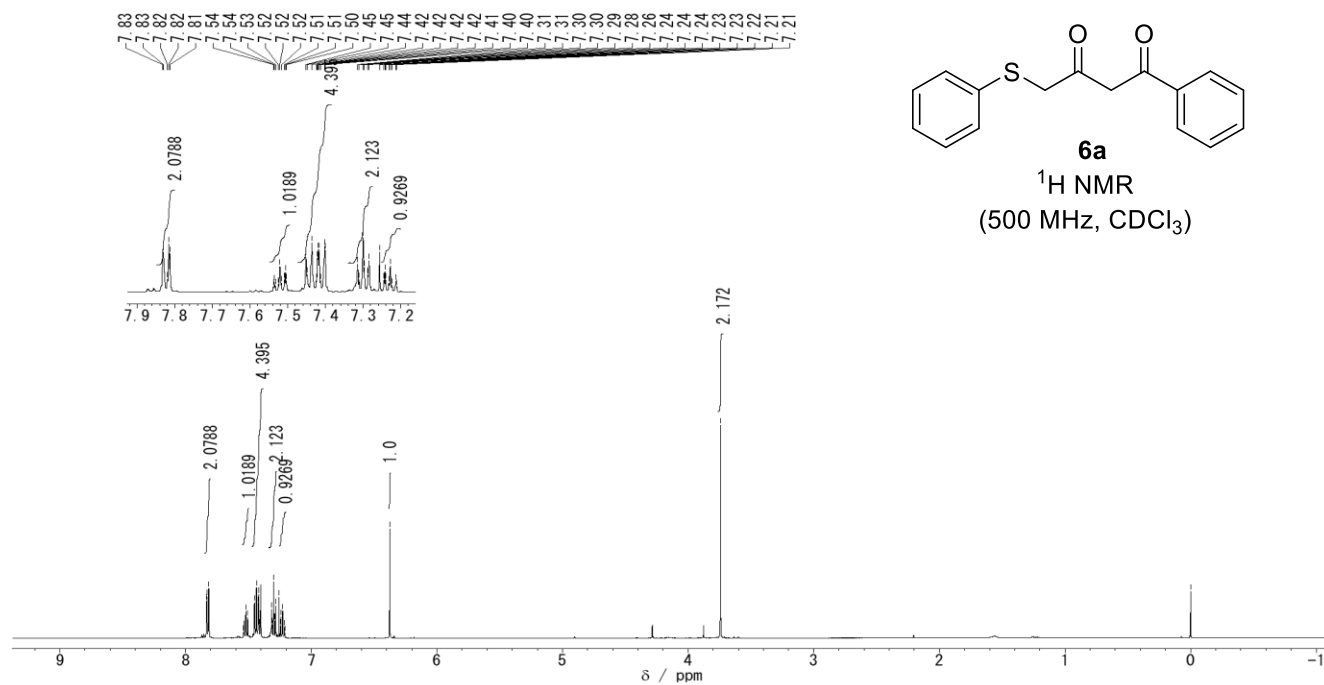




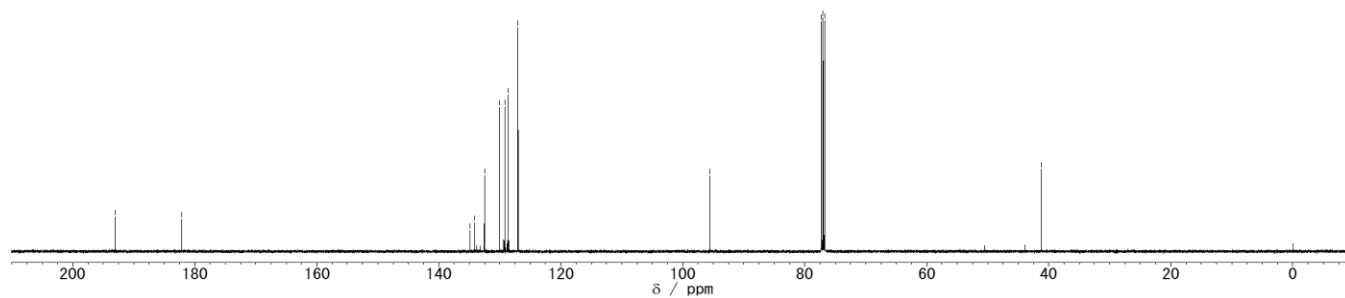


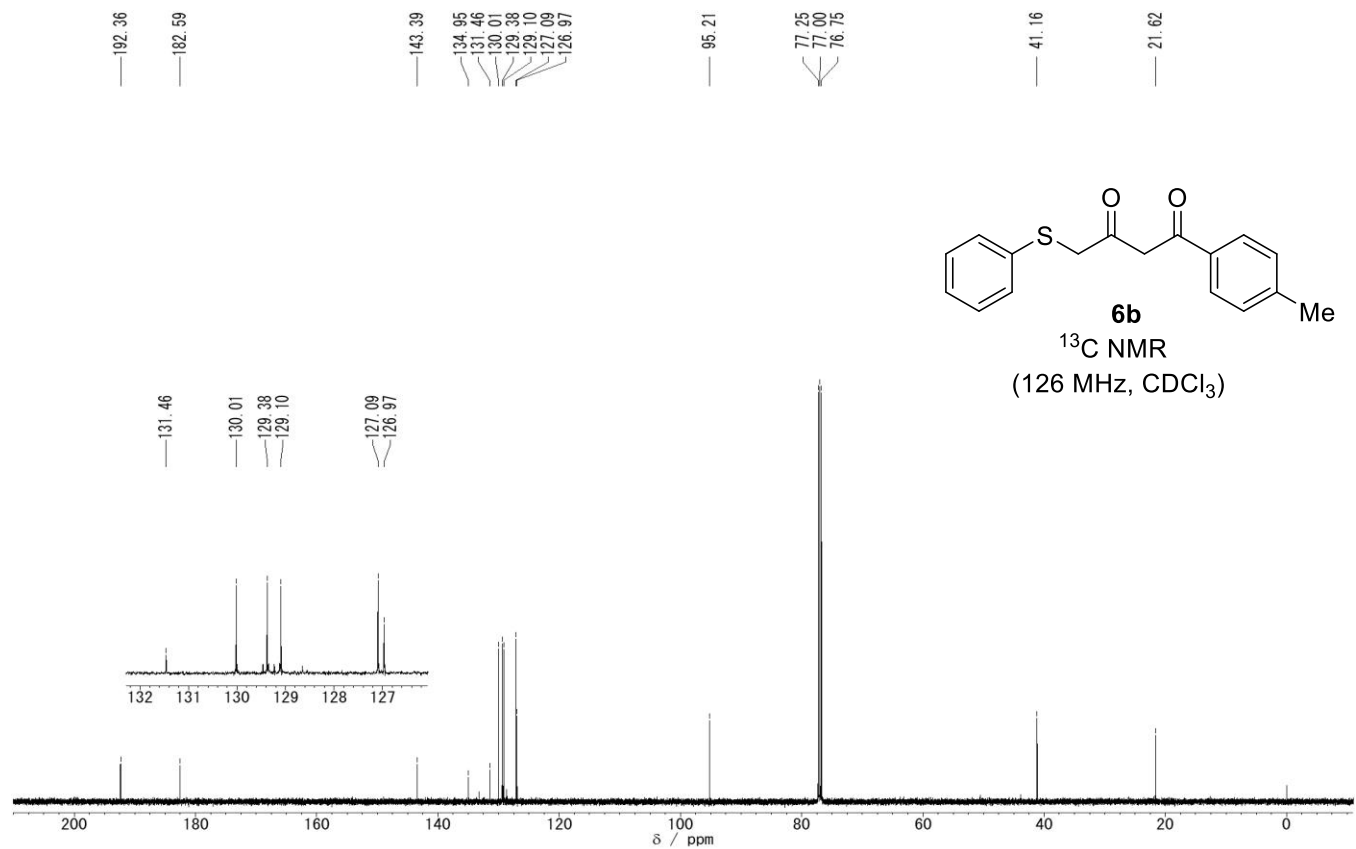
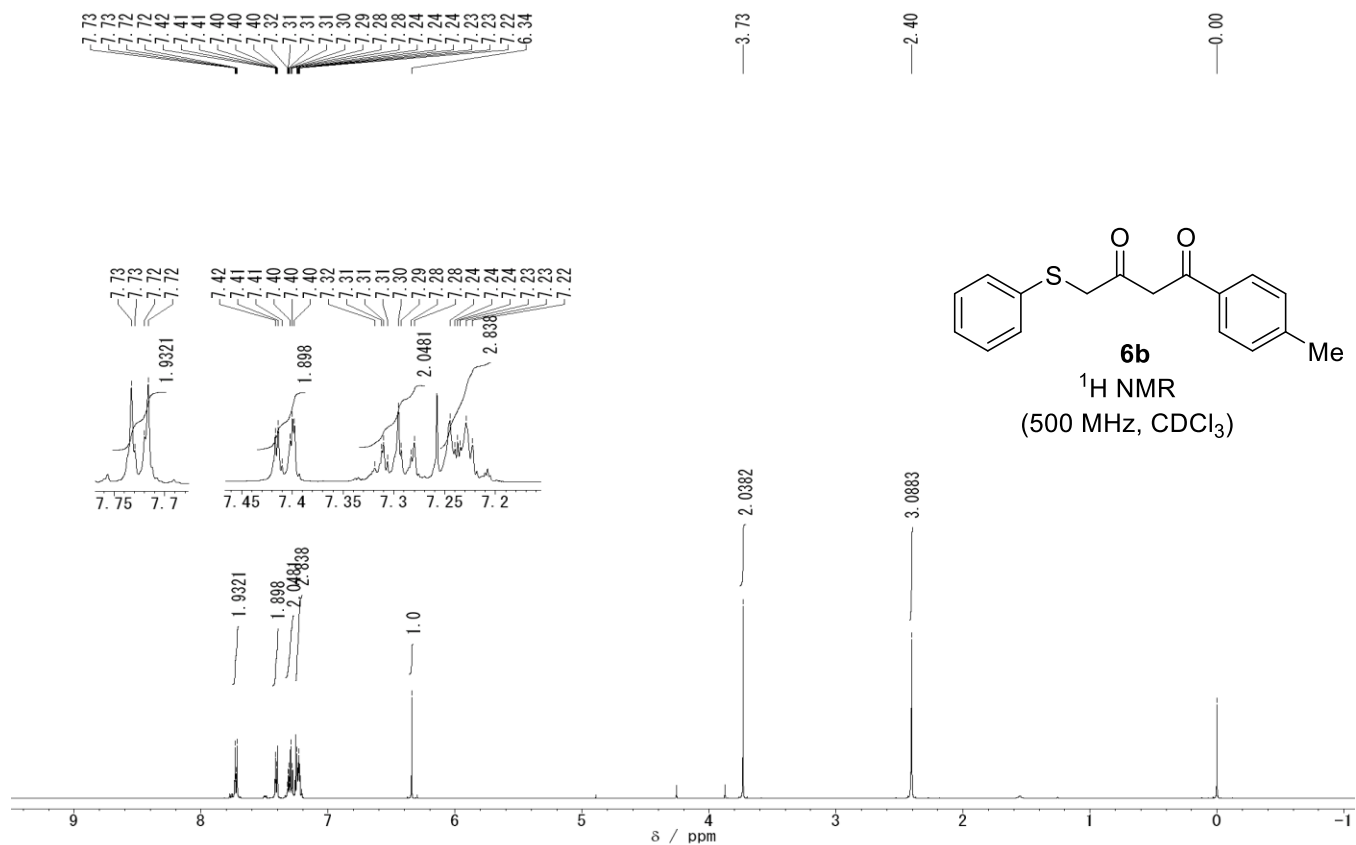


6a
¹H NMR
 (500 MHz, CDCl₃)

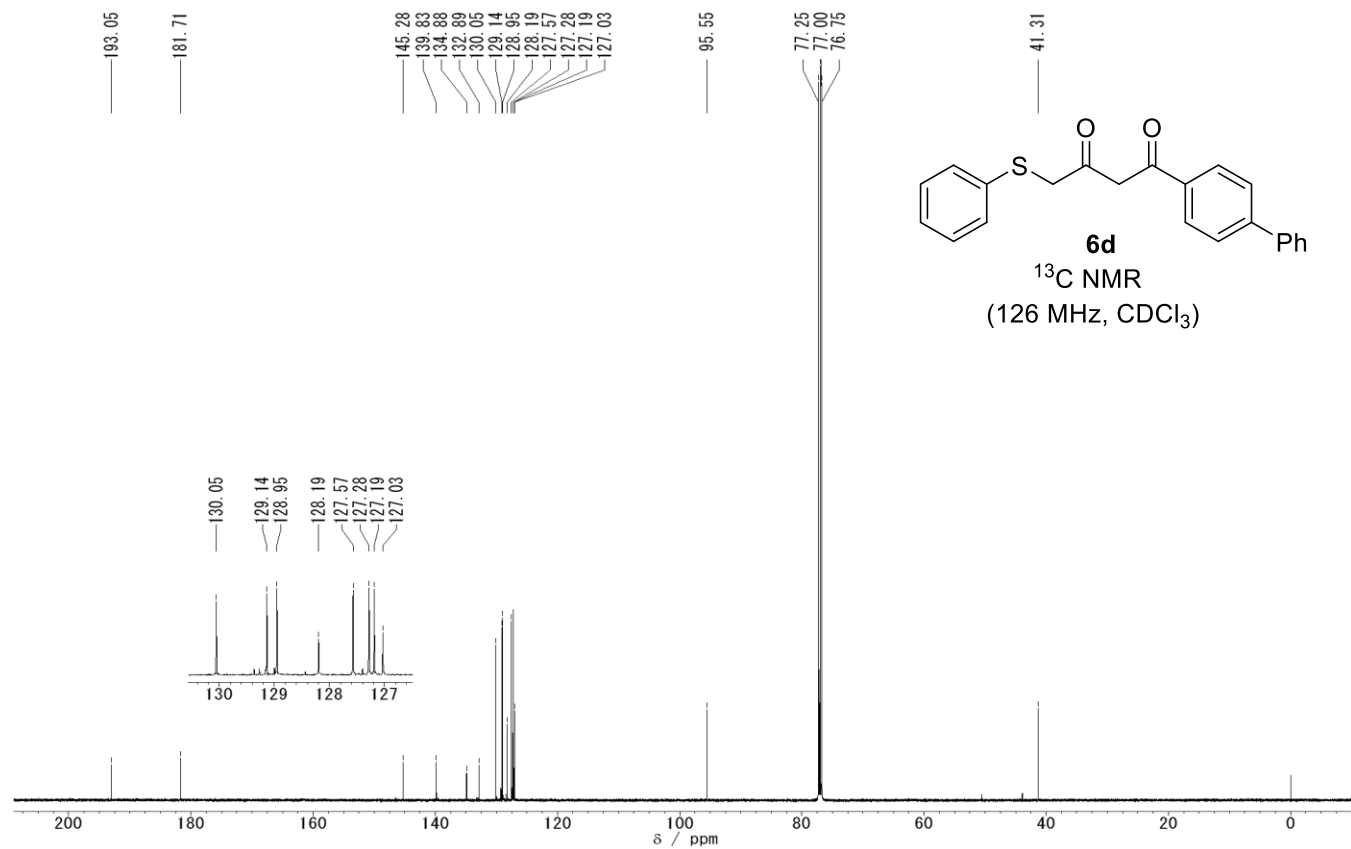
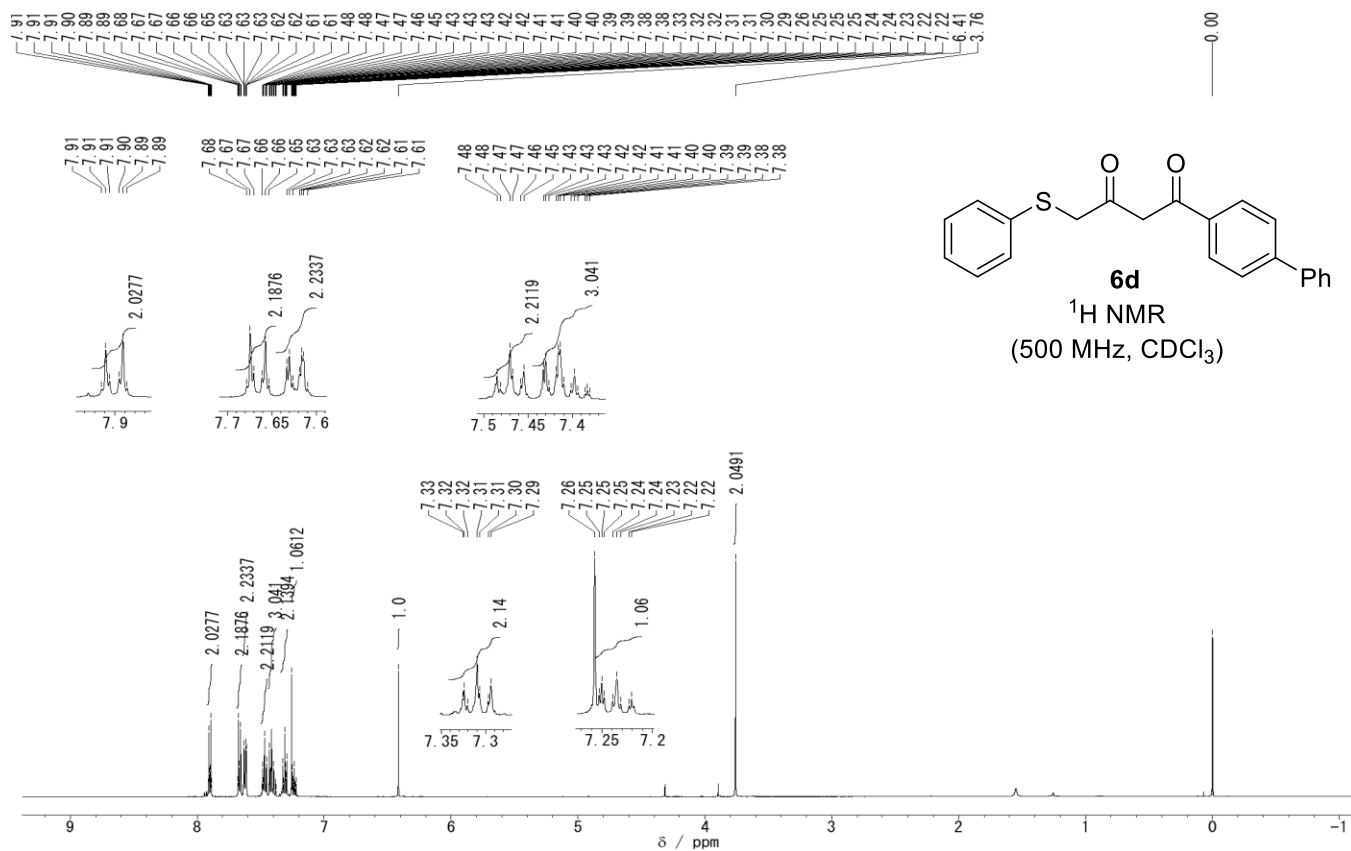


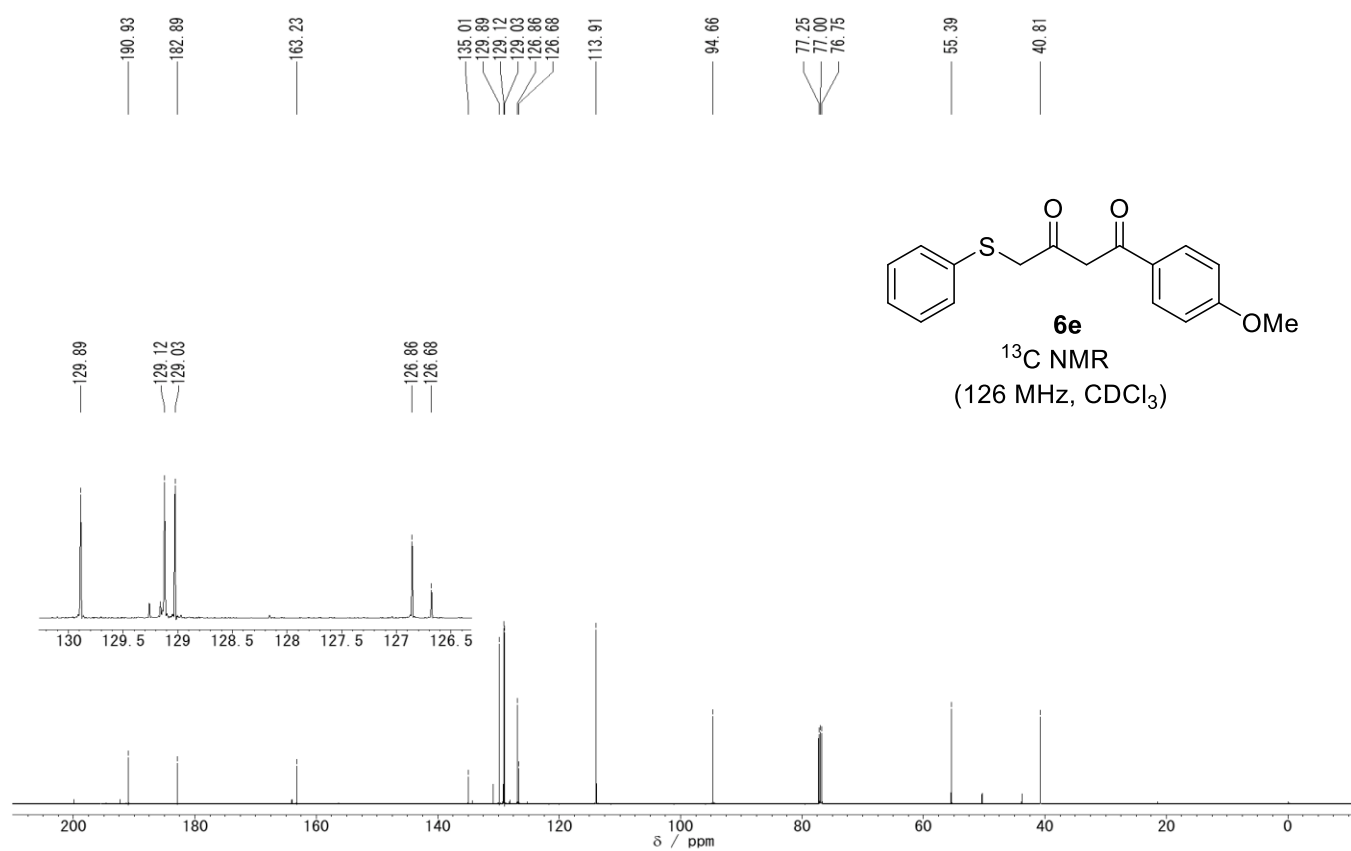
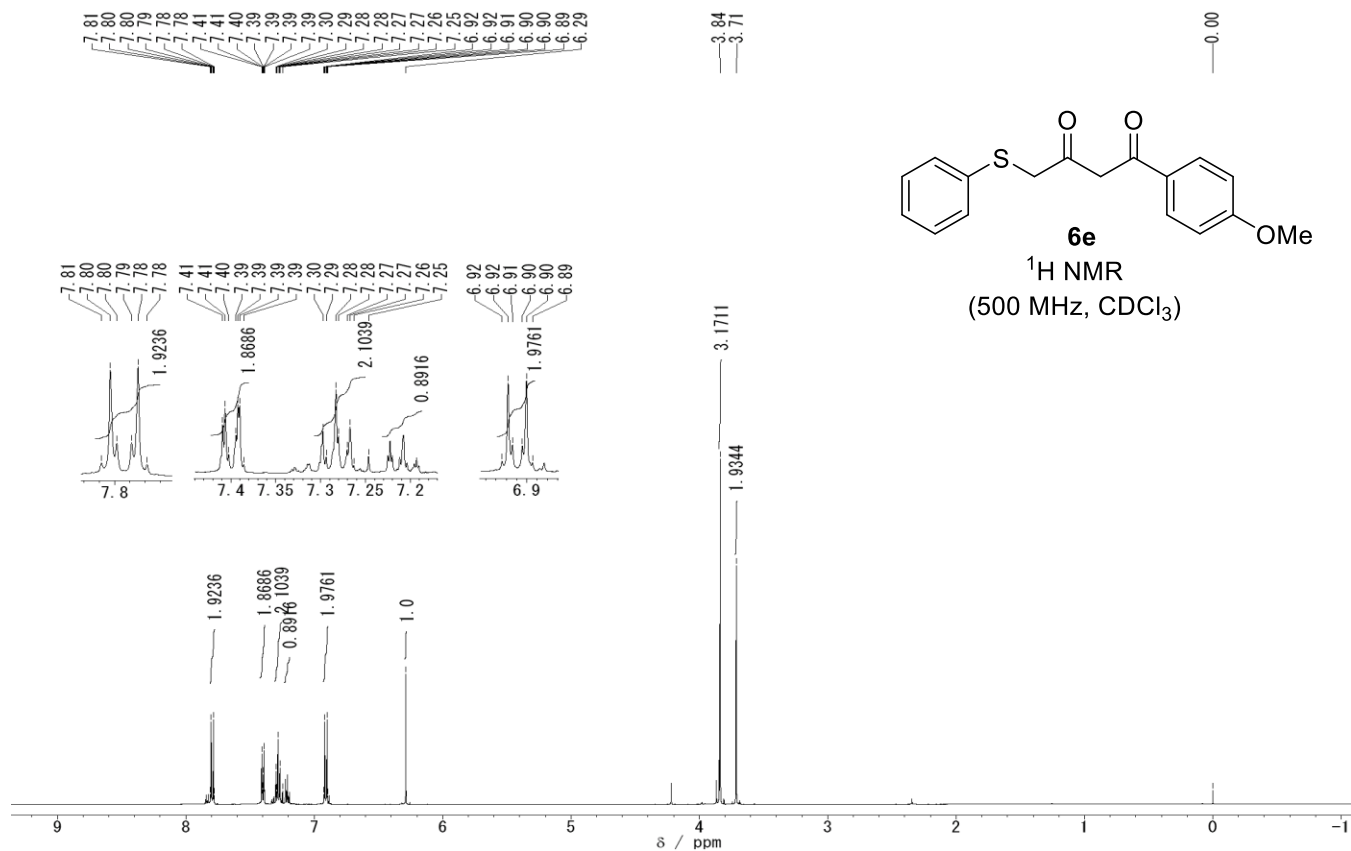
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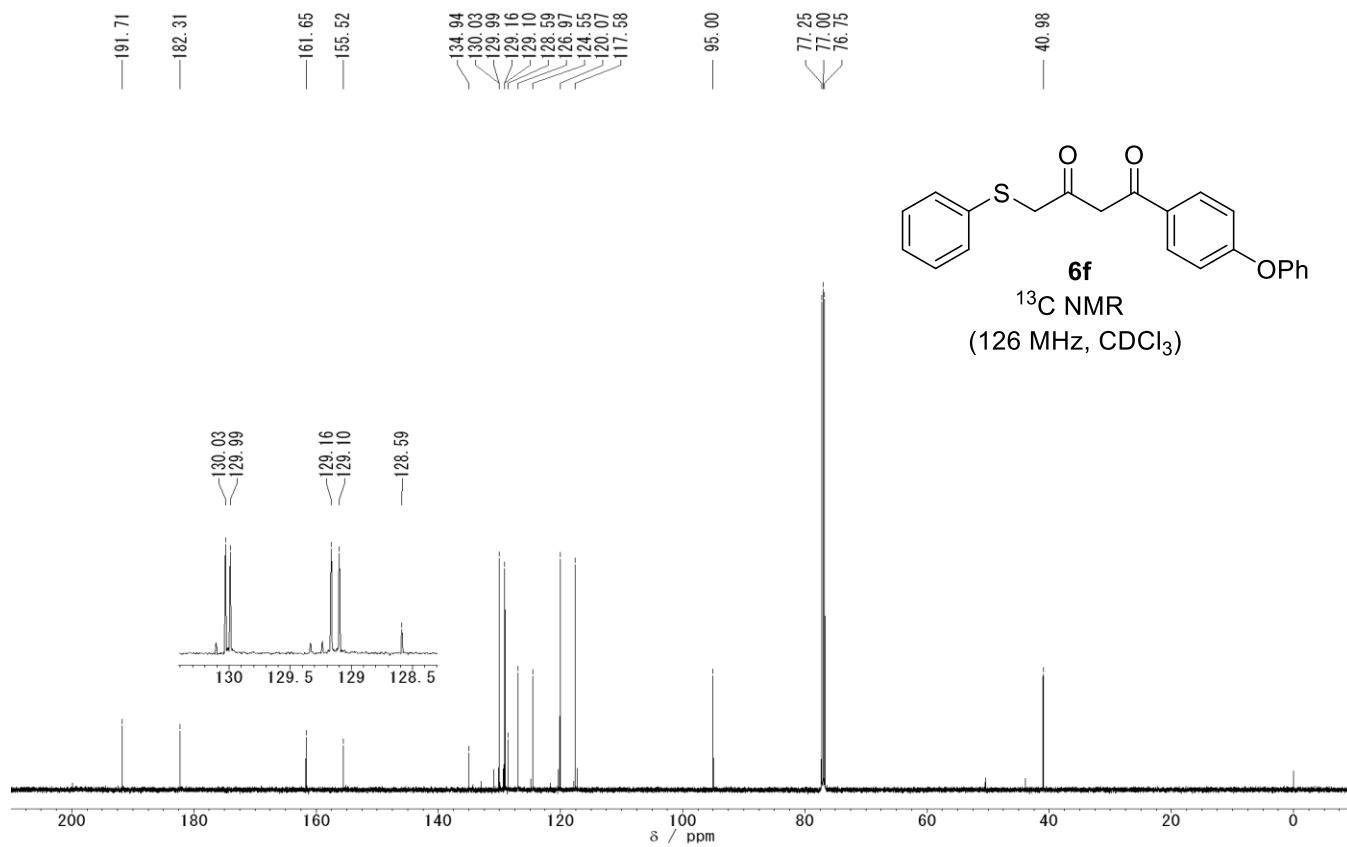
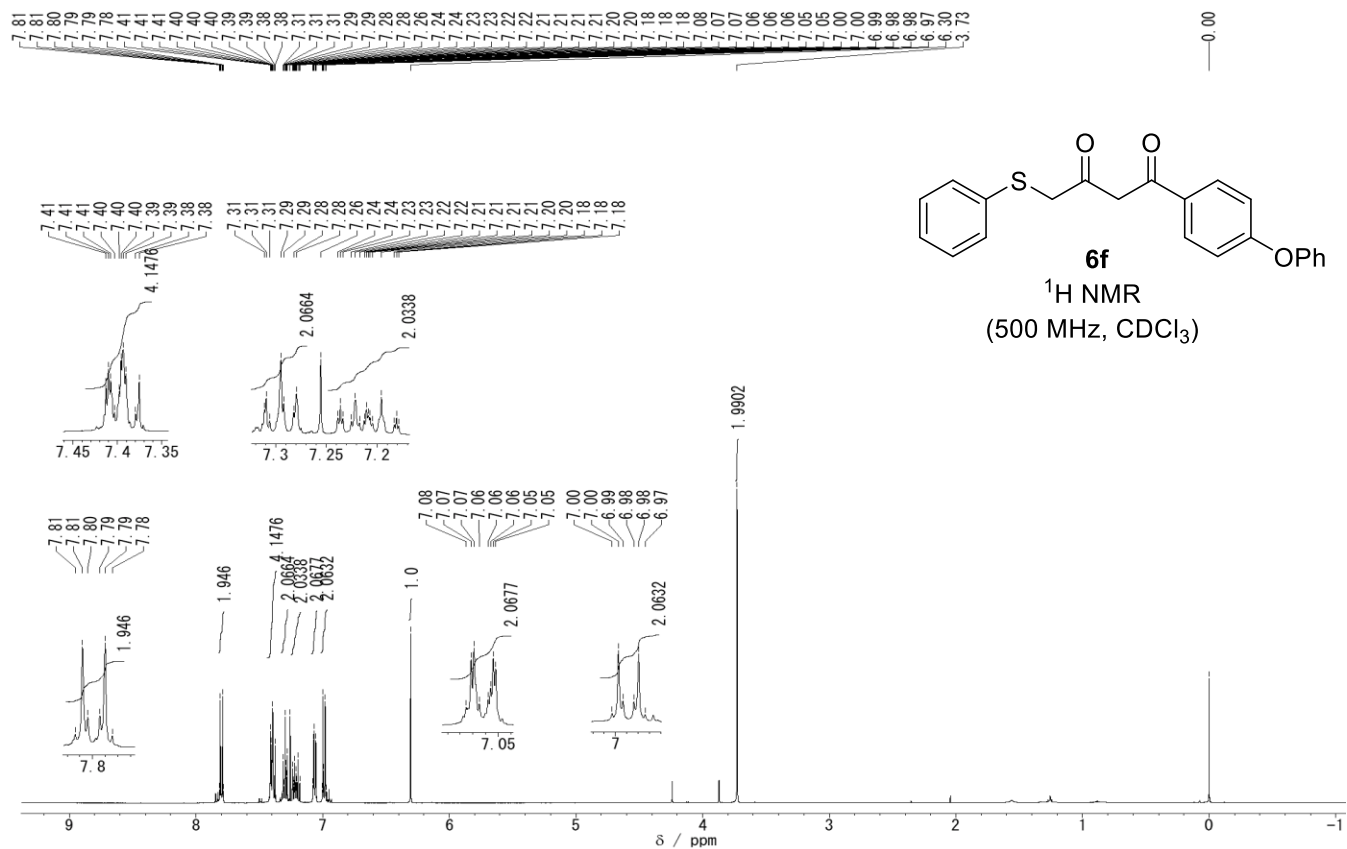


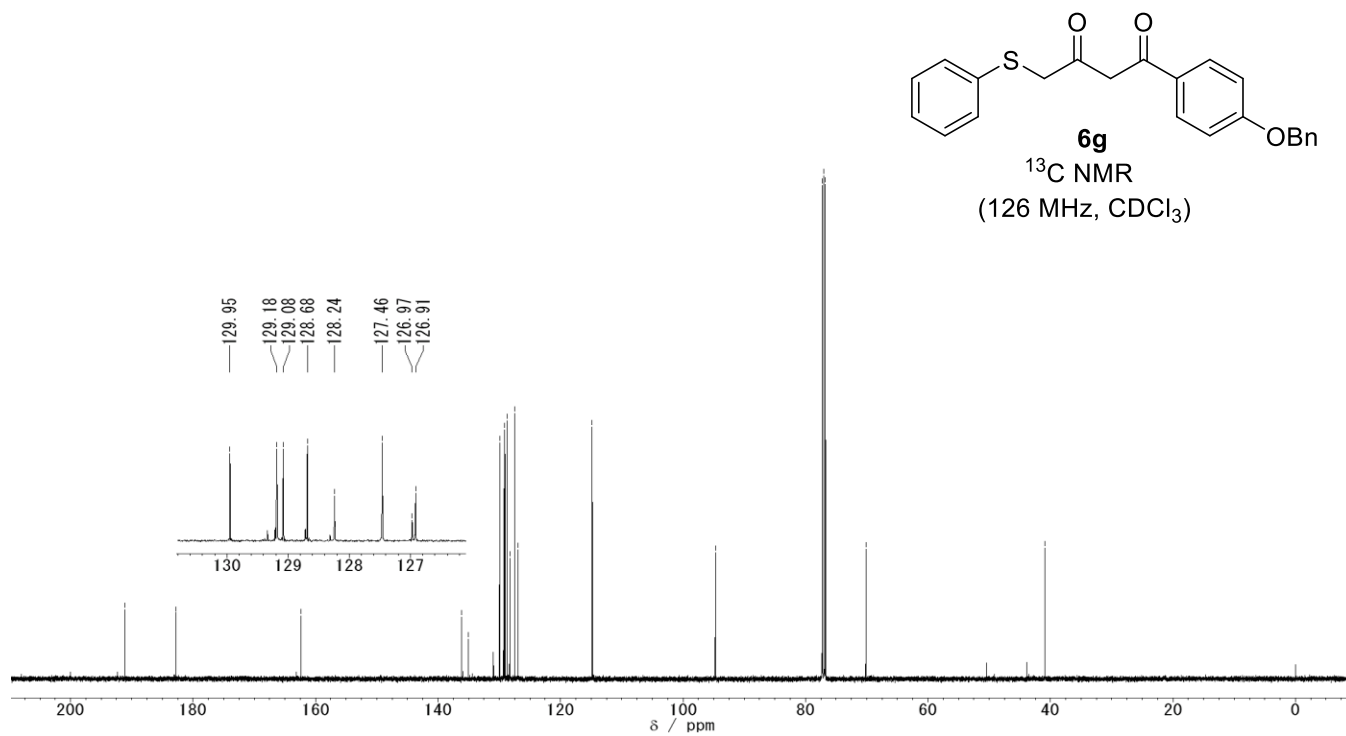
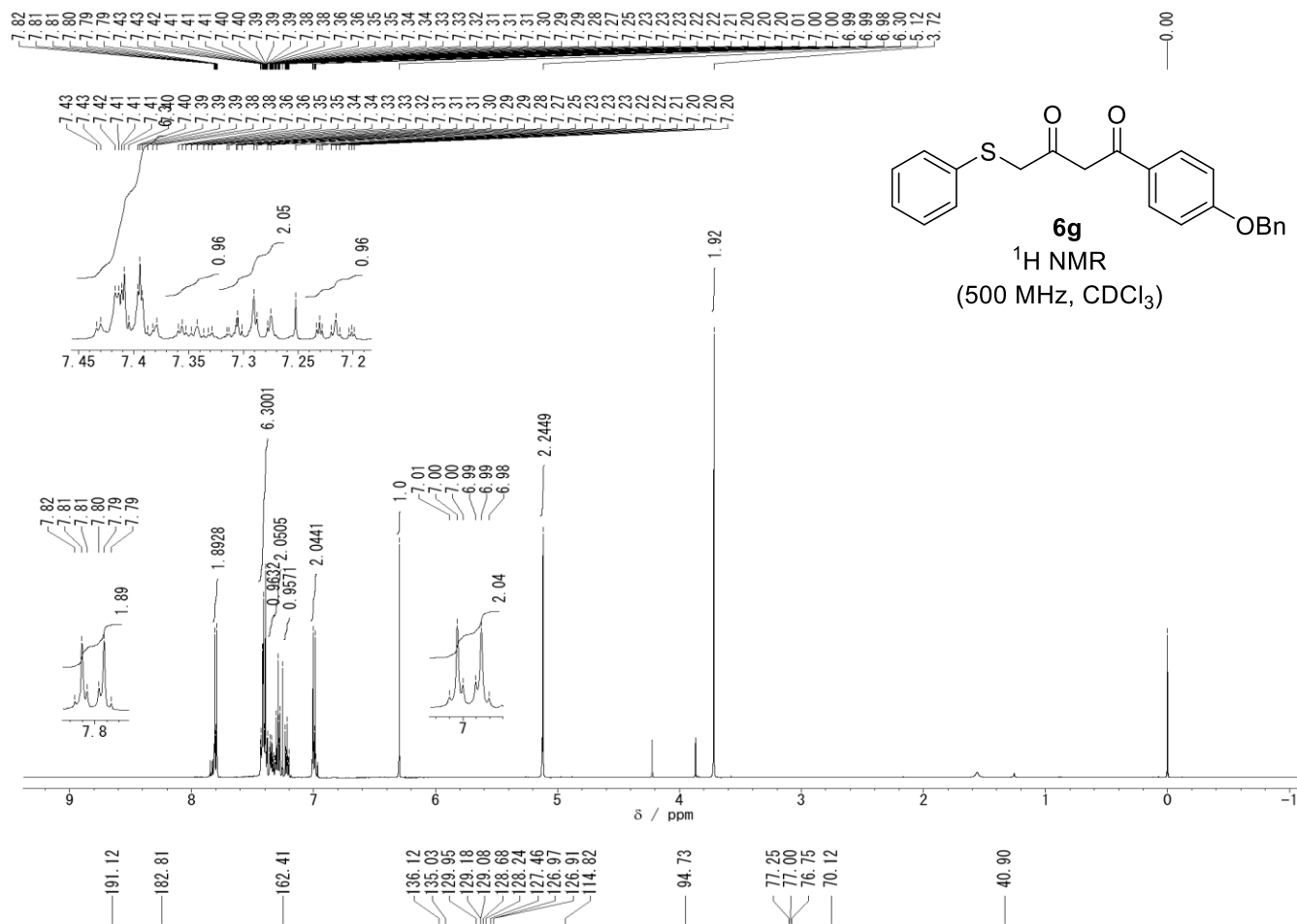


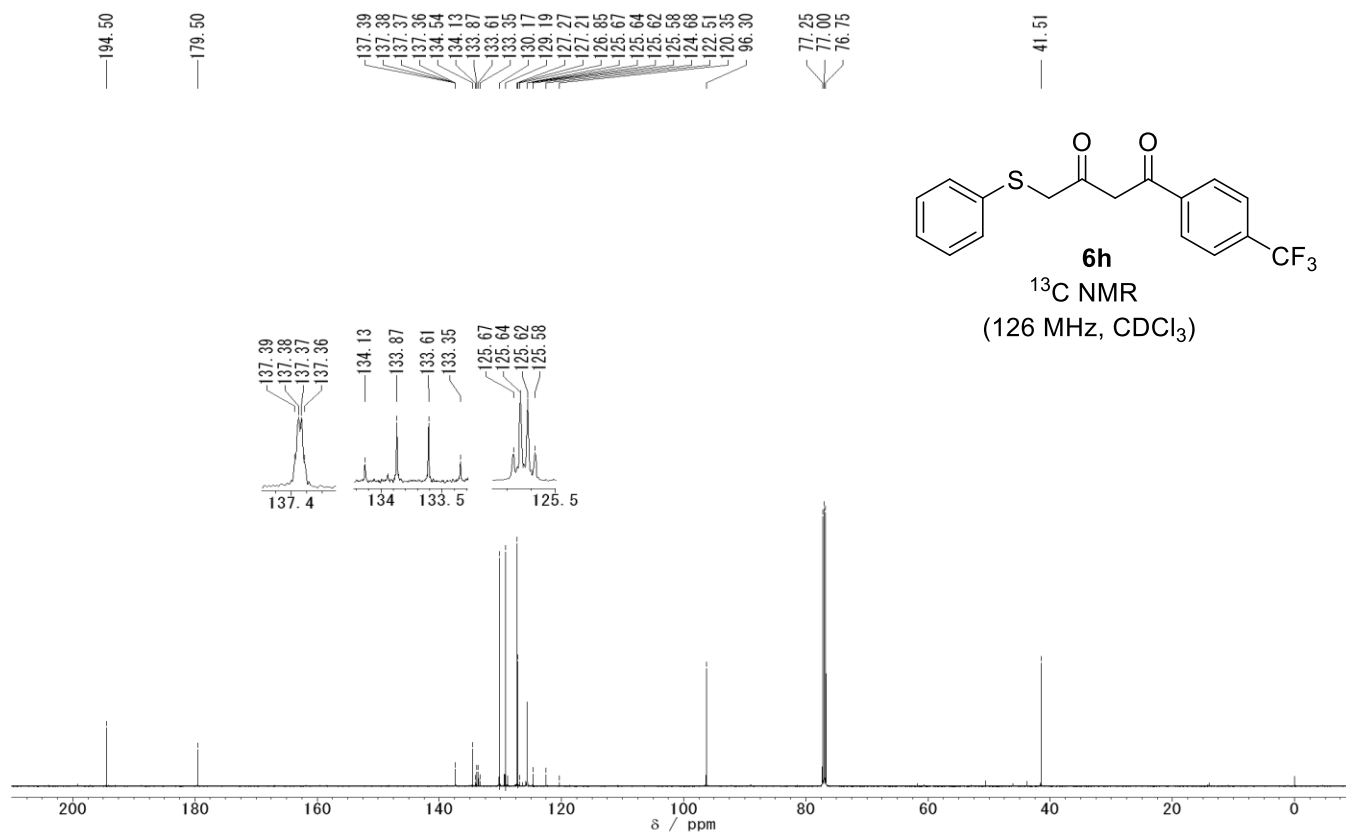
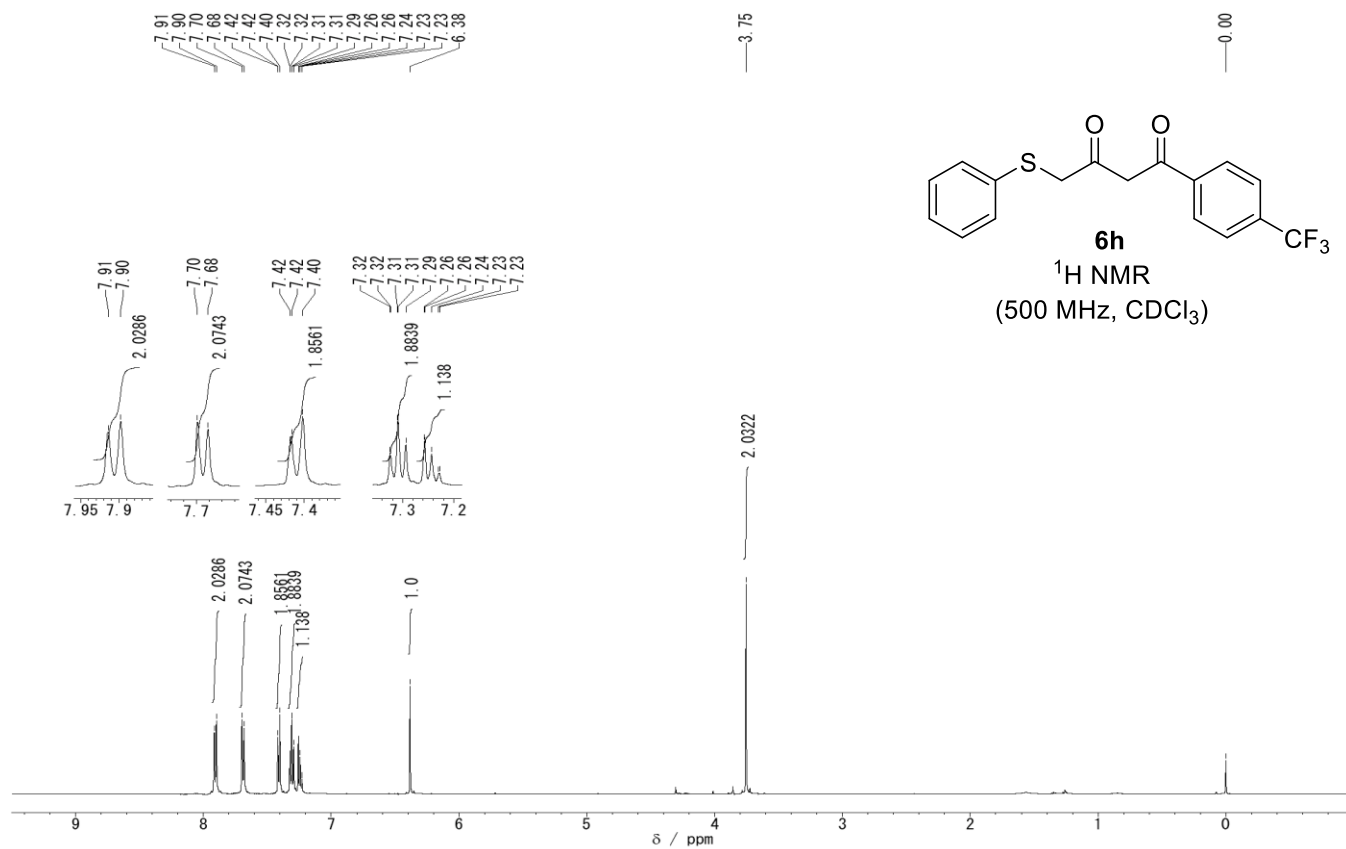


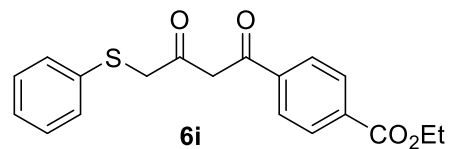
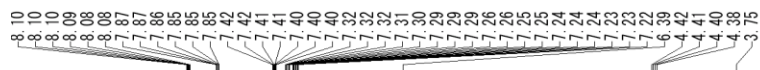




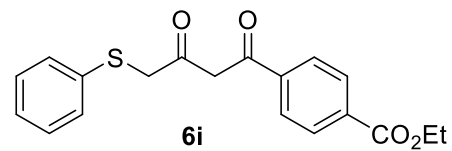
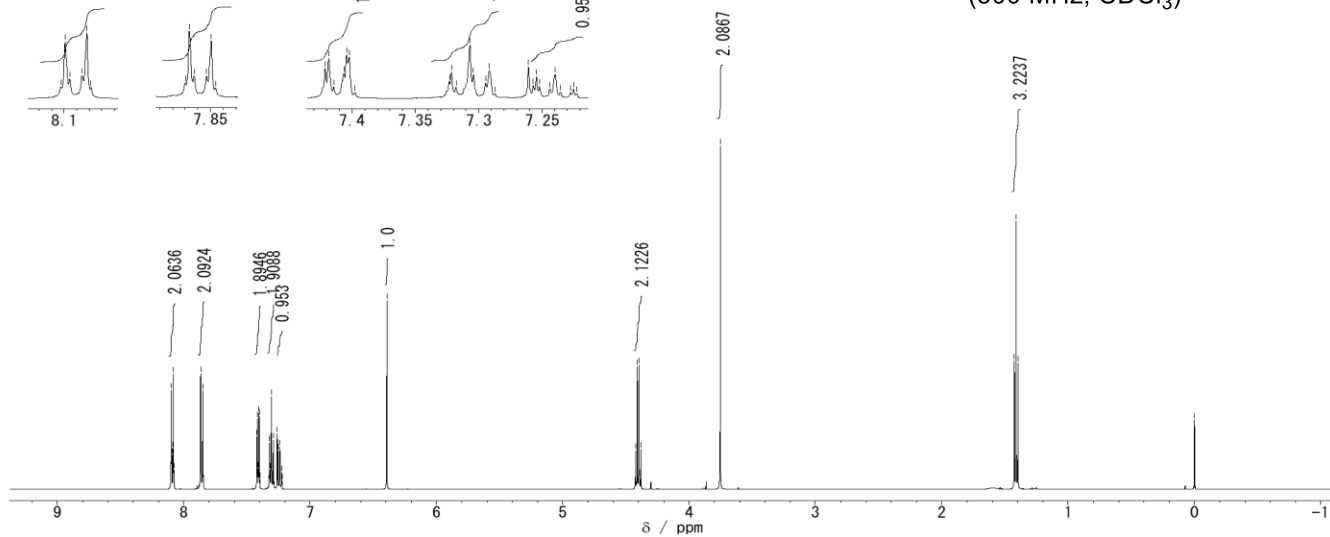
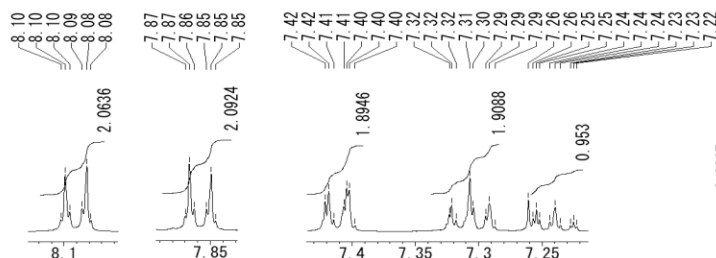




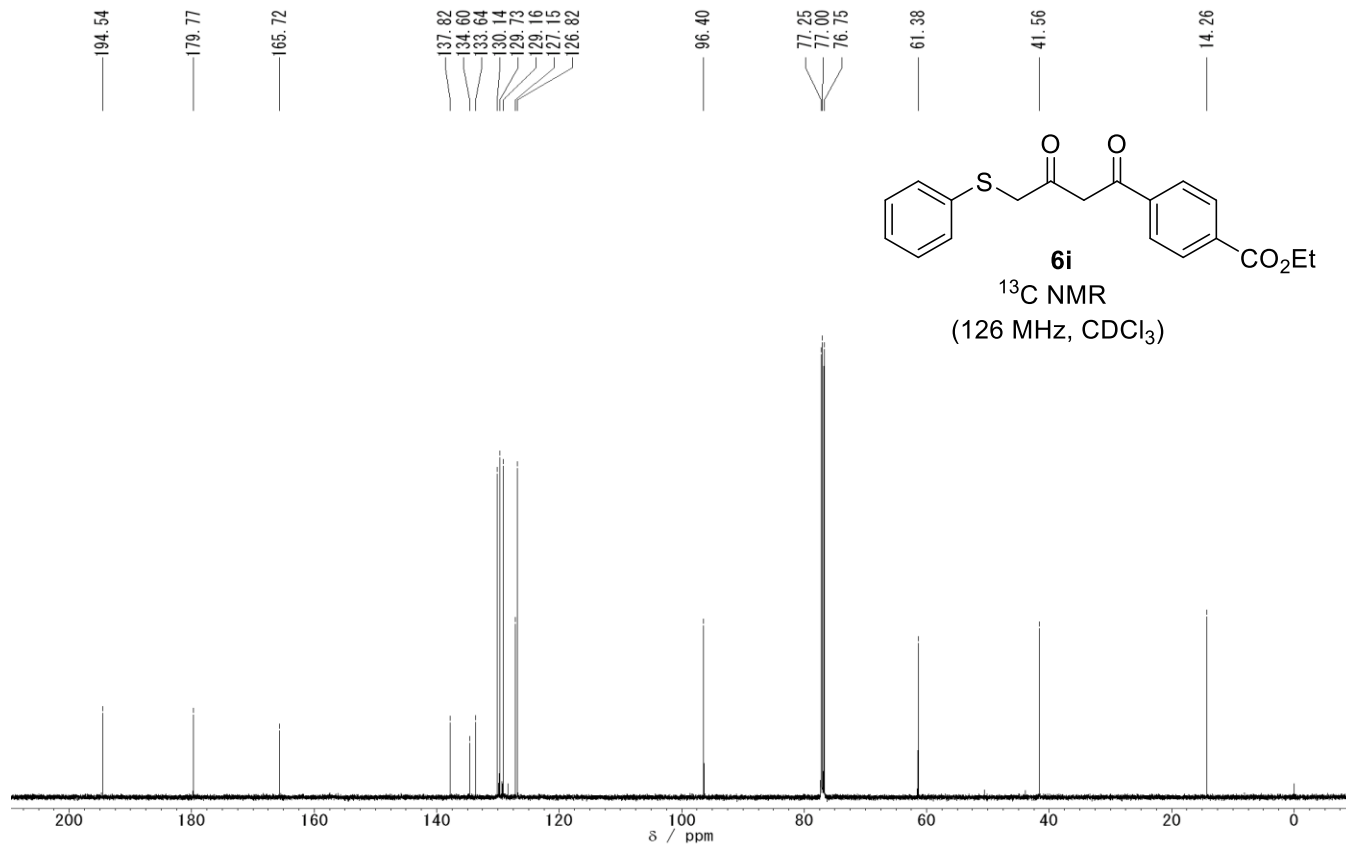


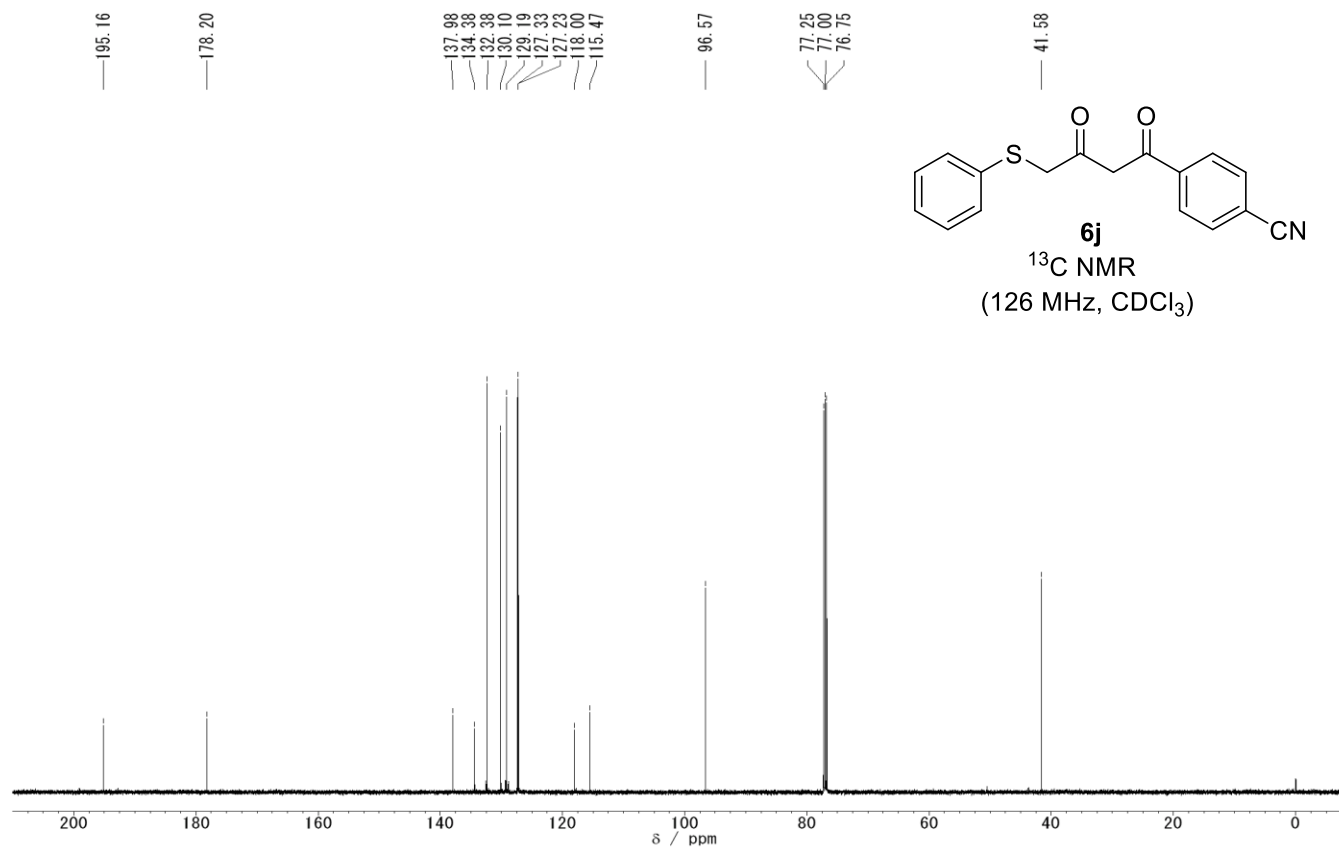
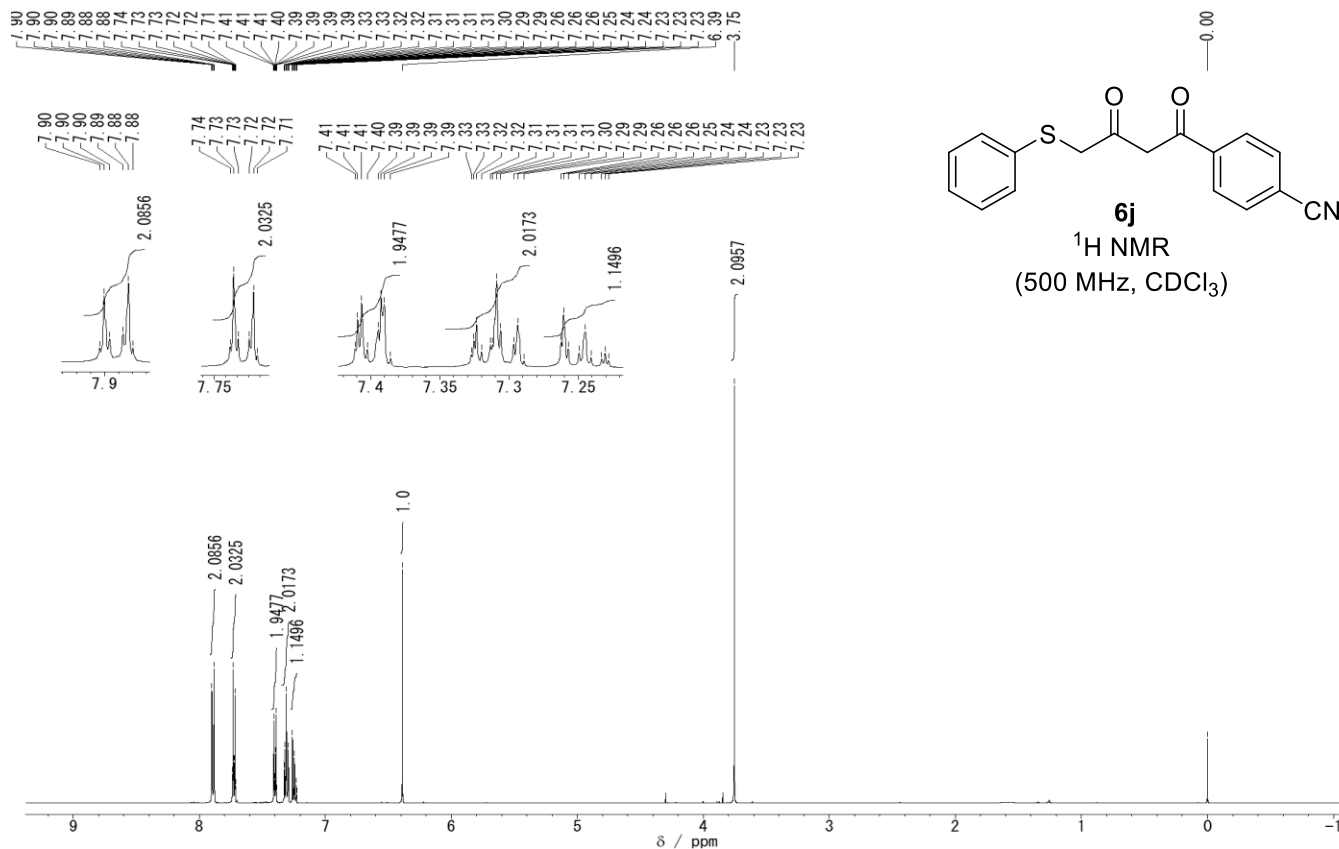


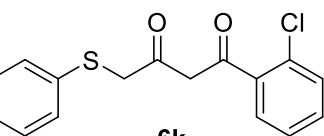
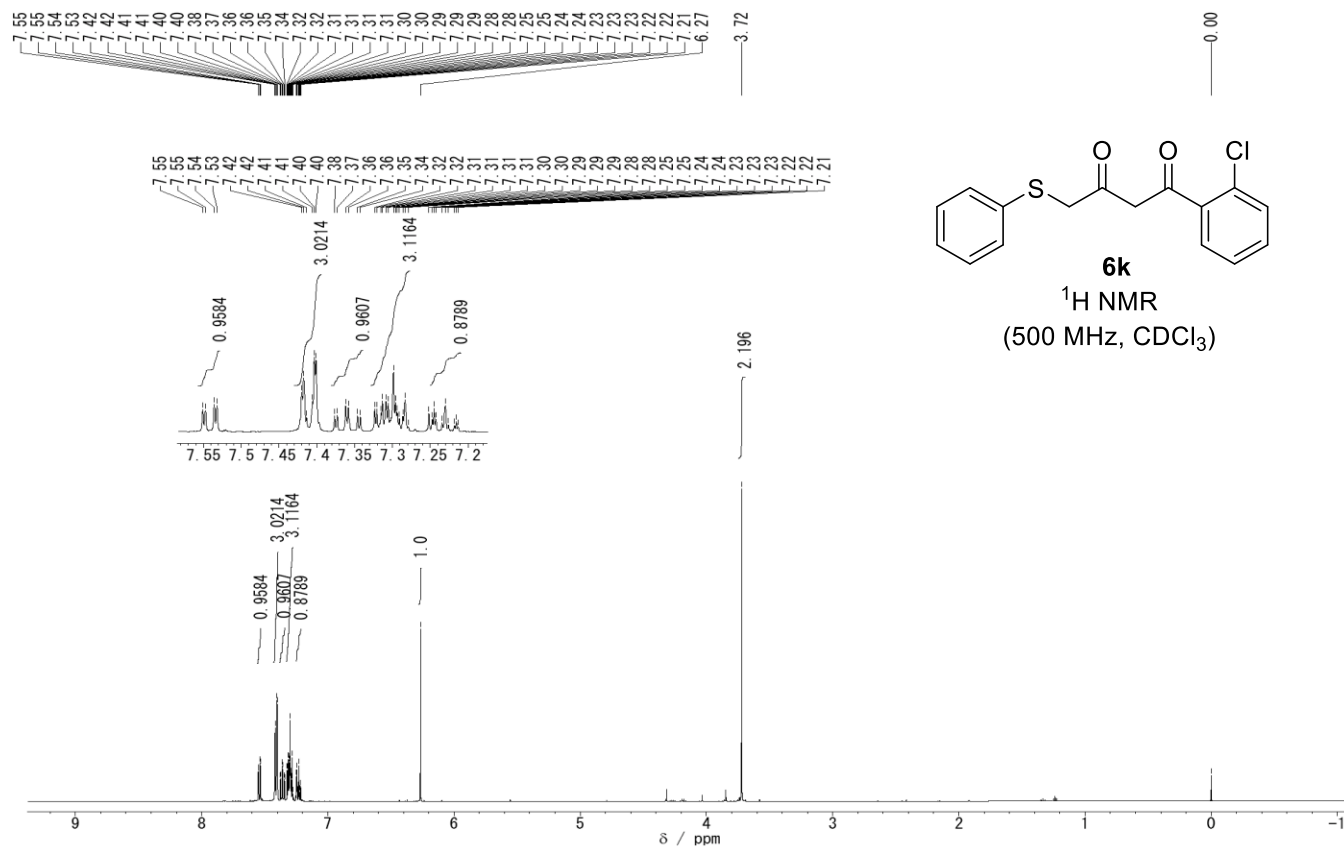
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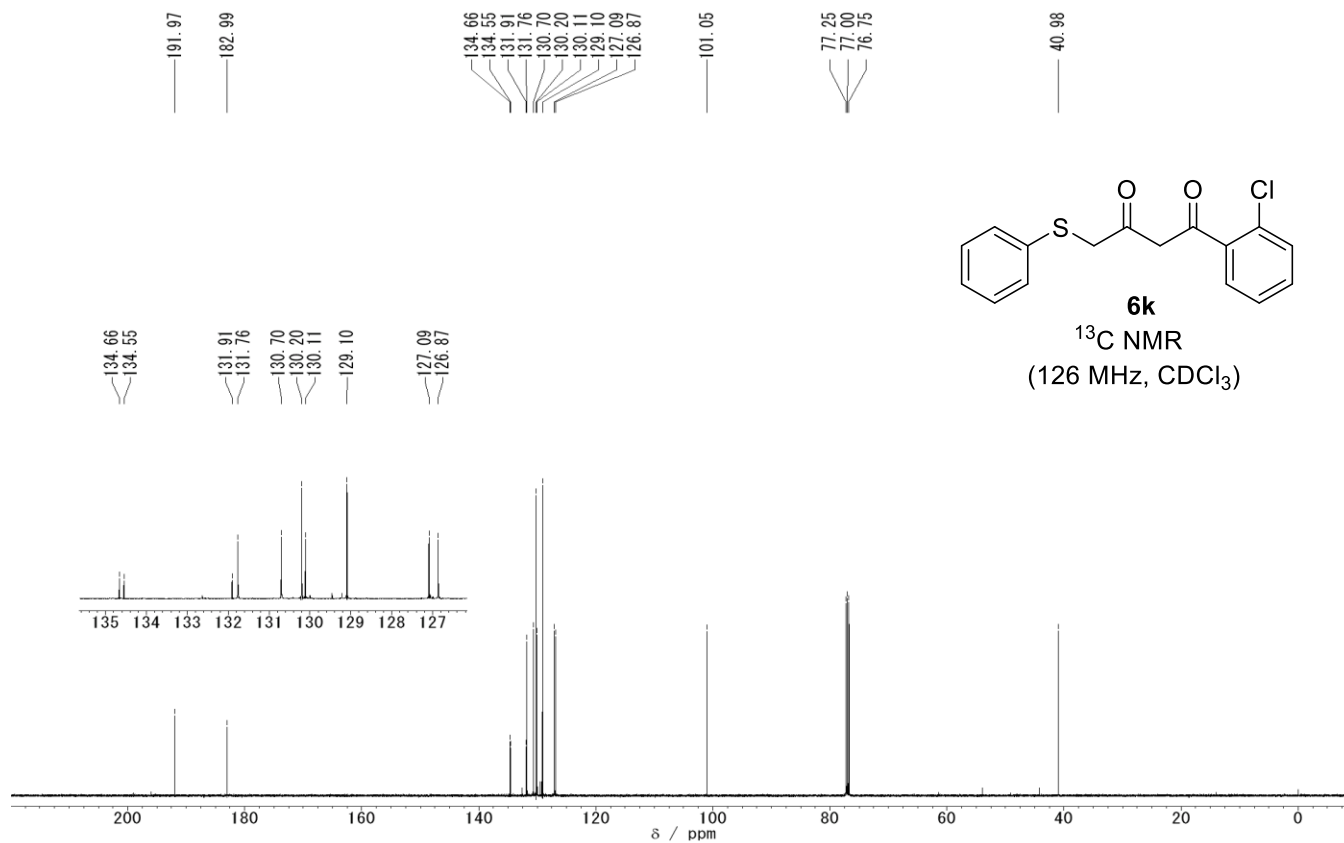
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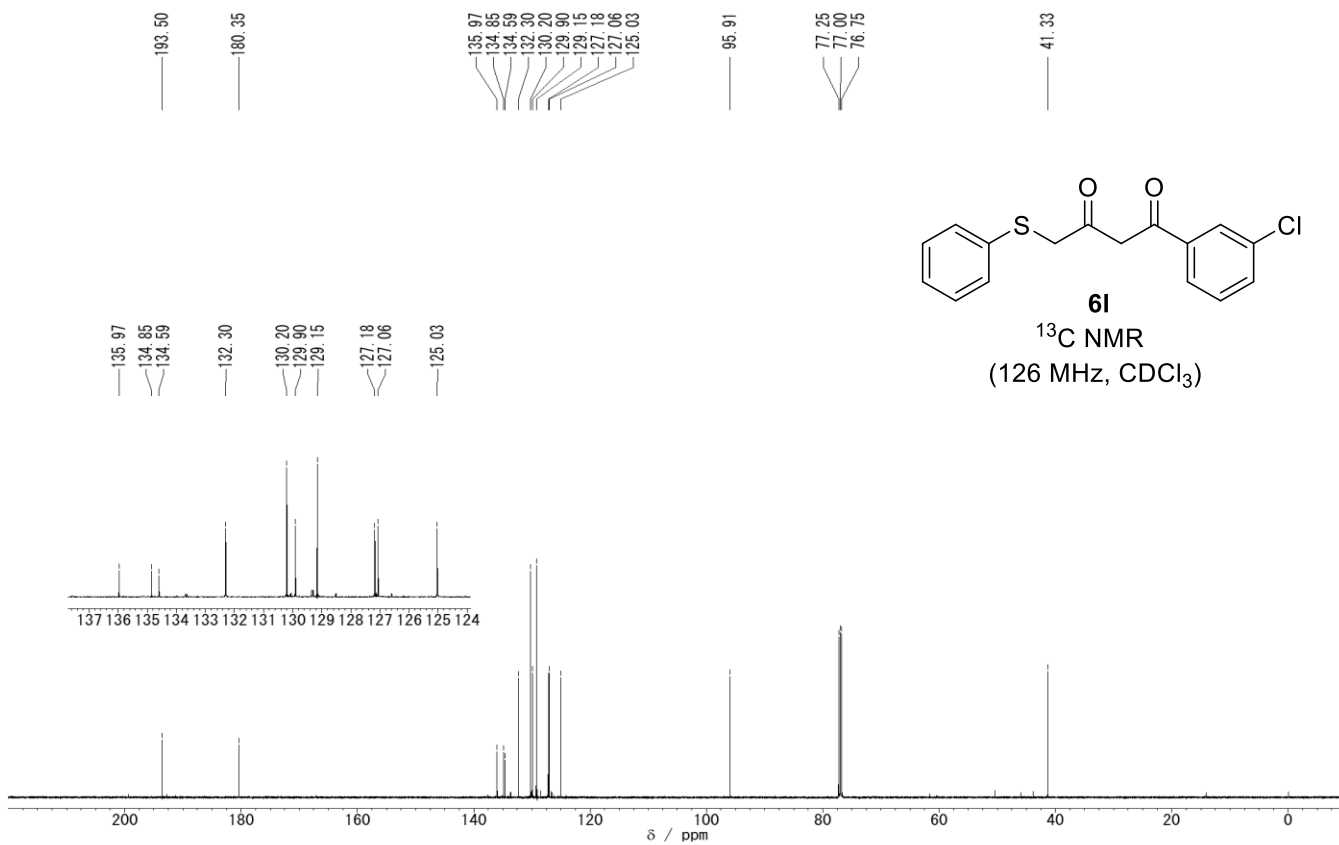
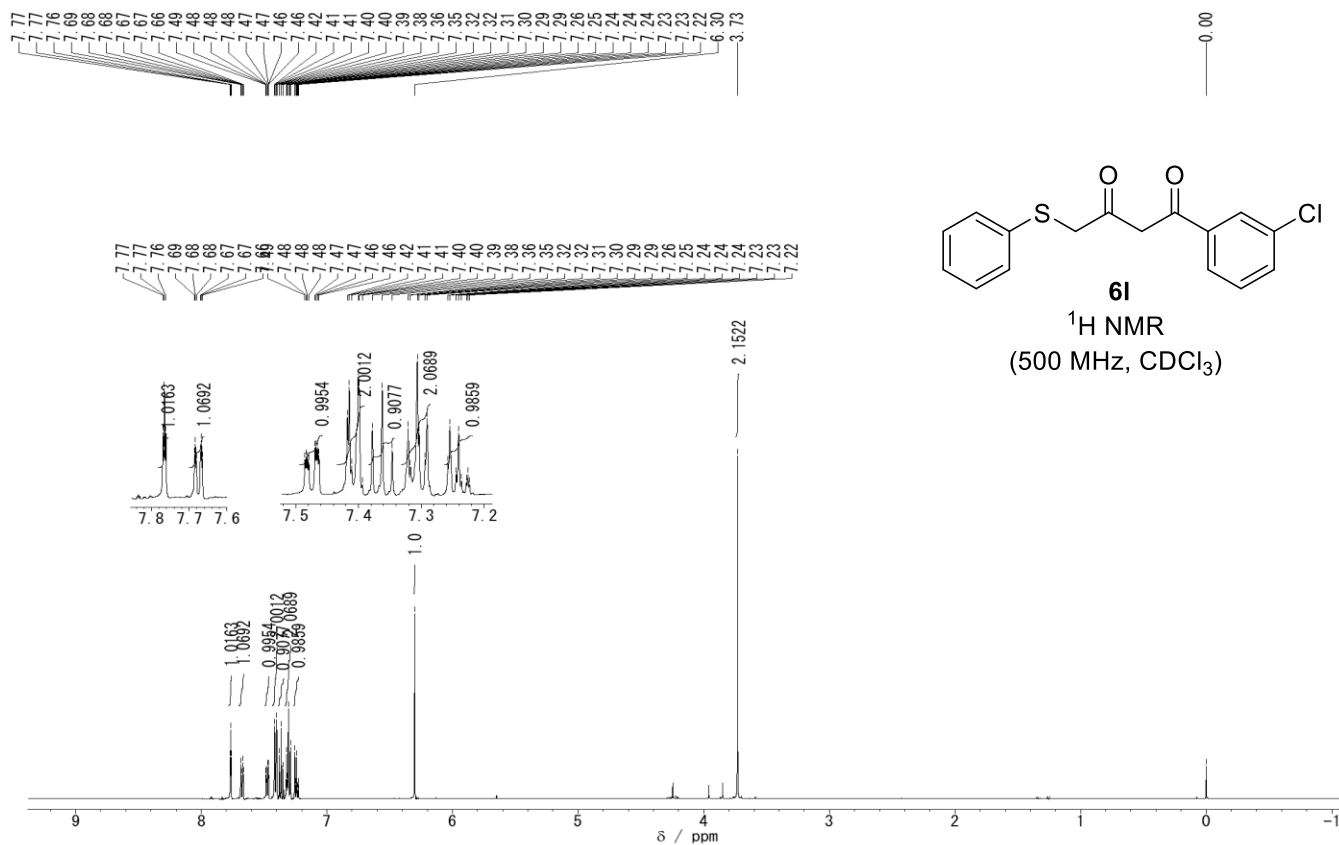


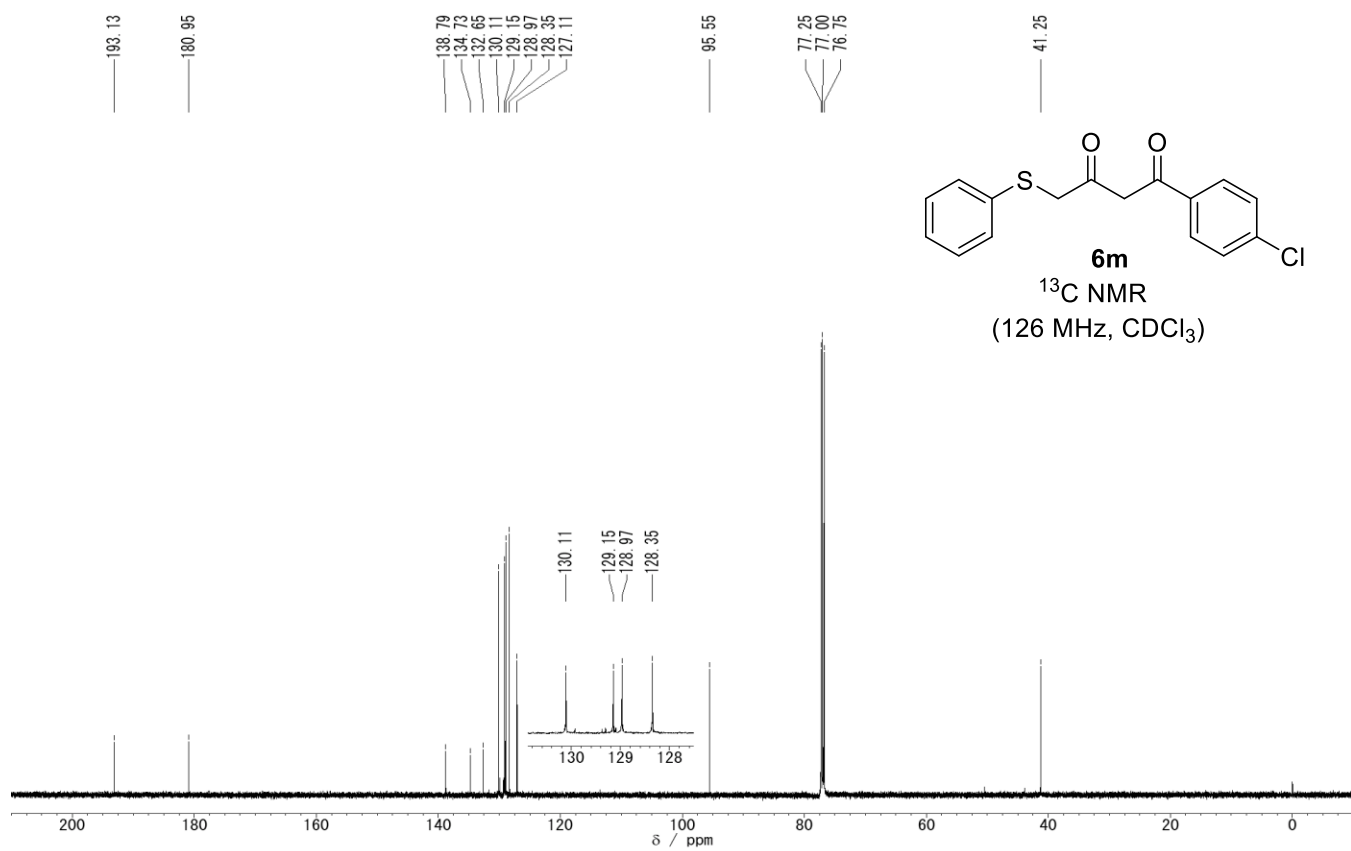
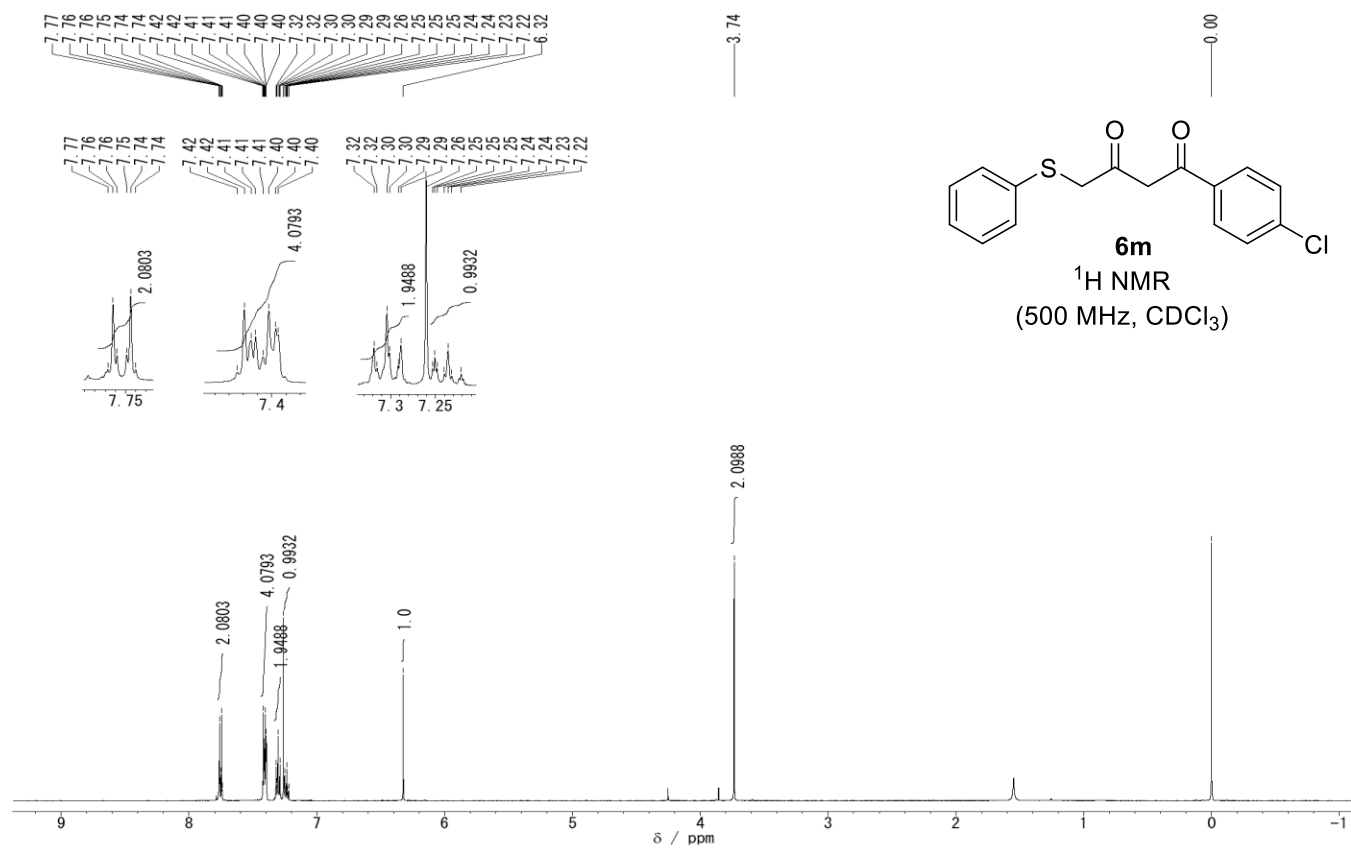


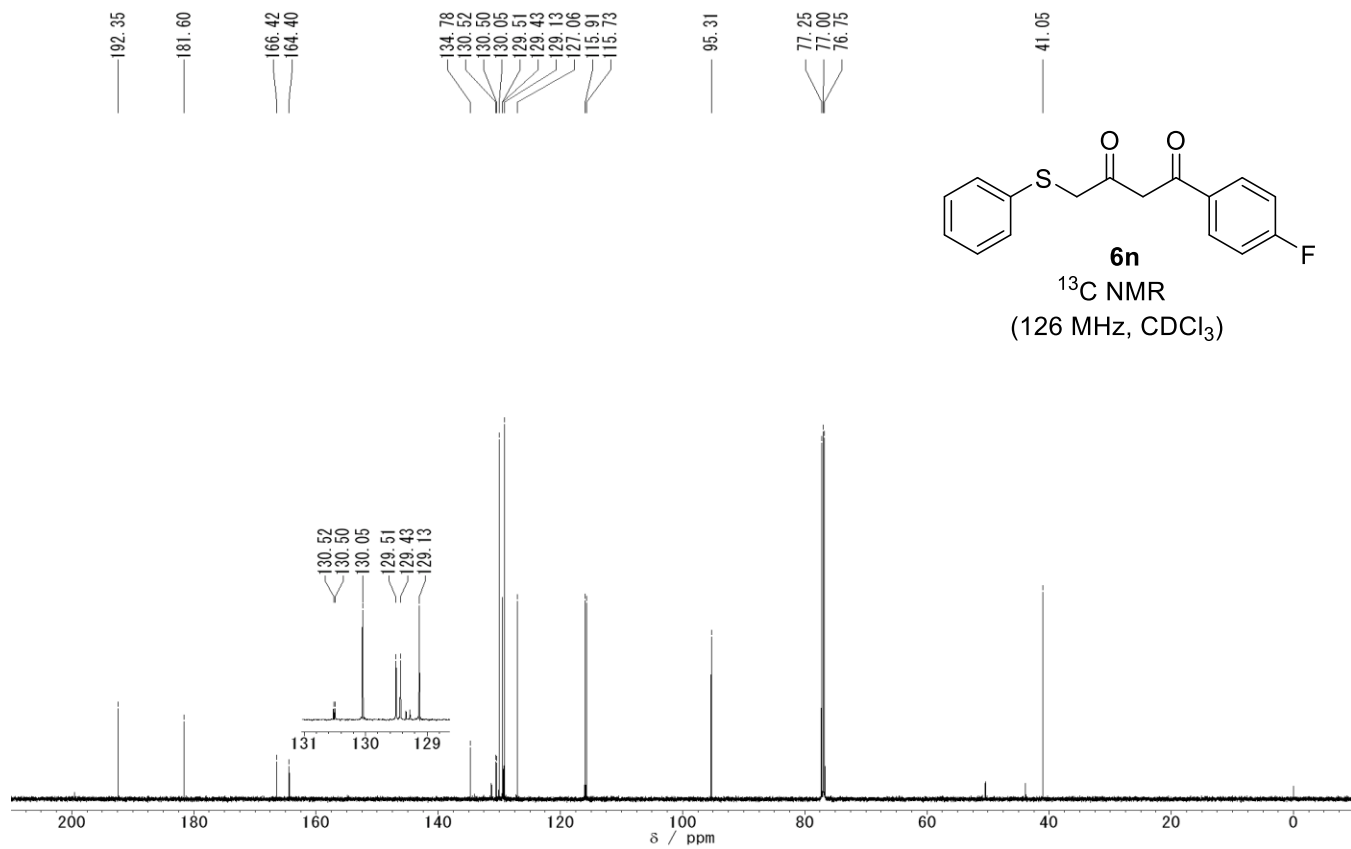
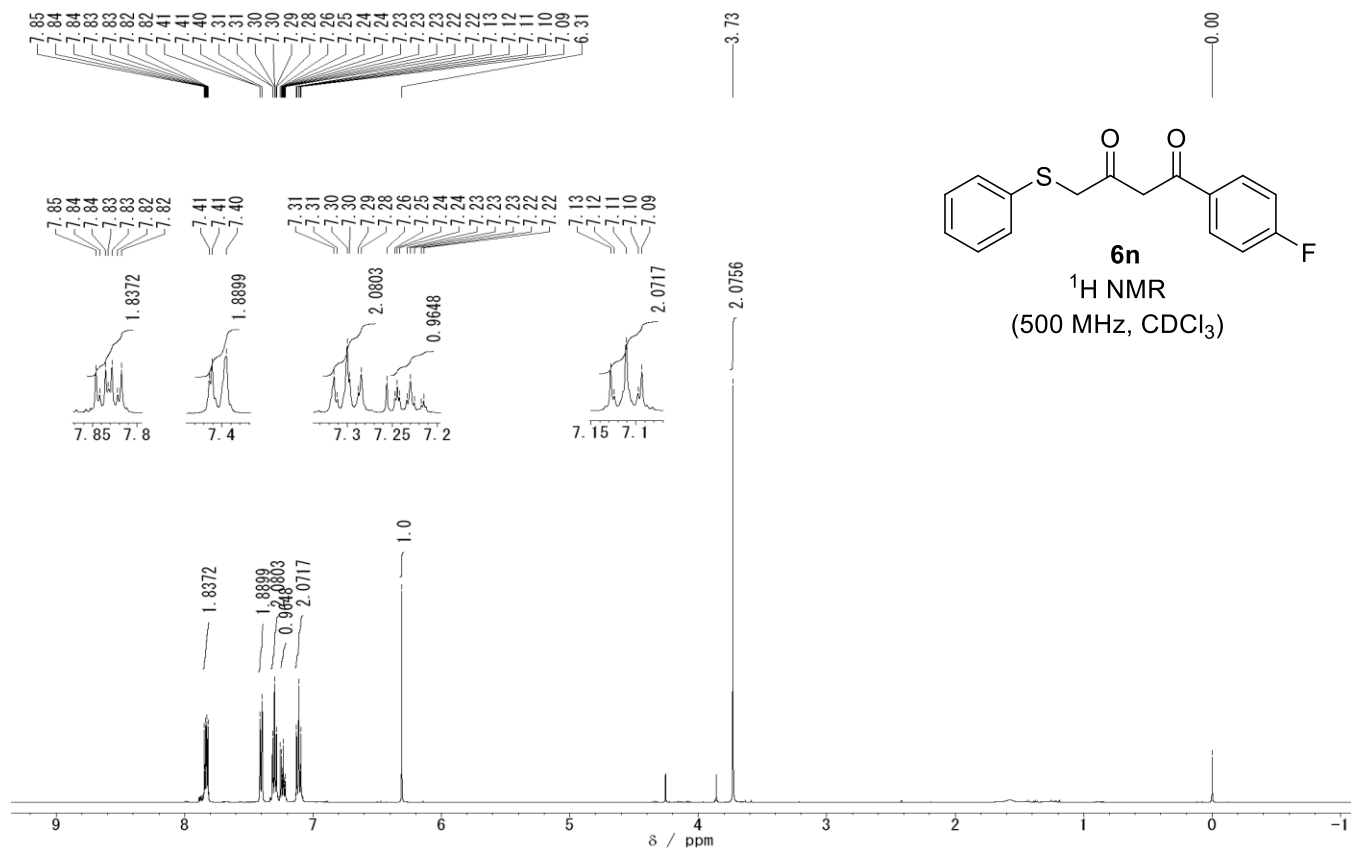


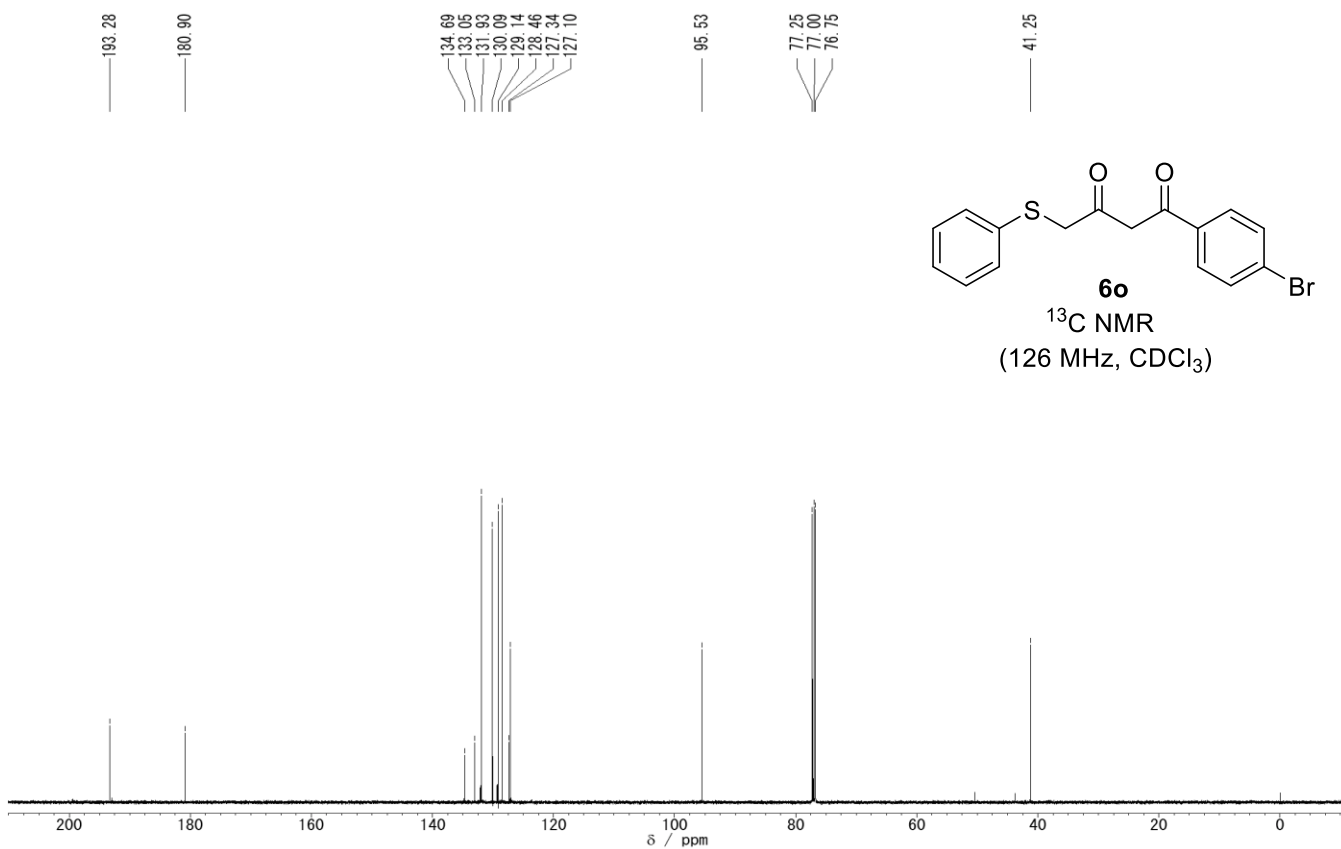
6k
¹H NMR
 (500 MHz, CDCl₃)

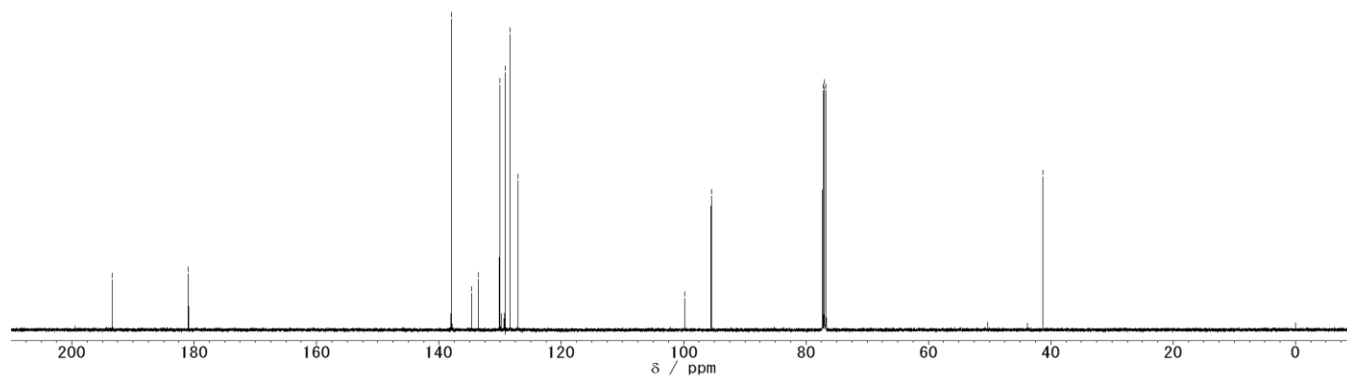
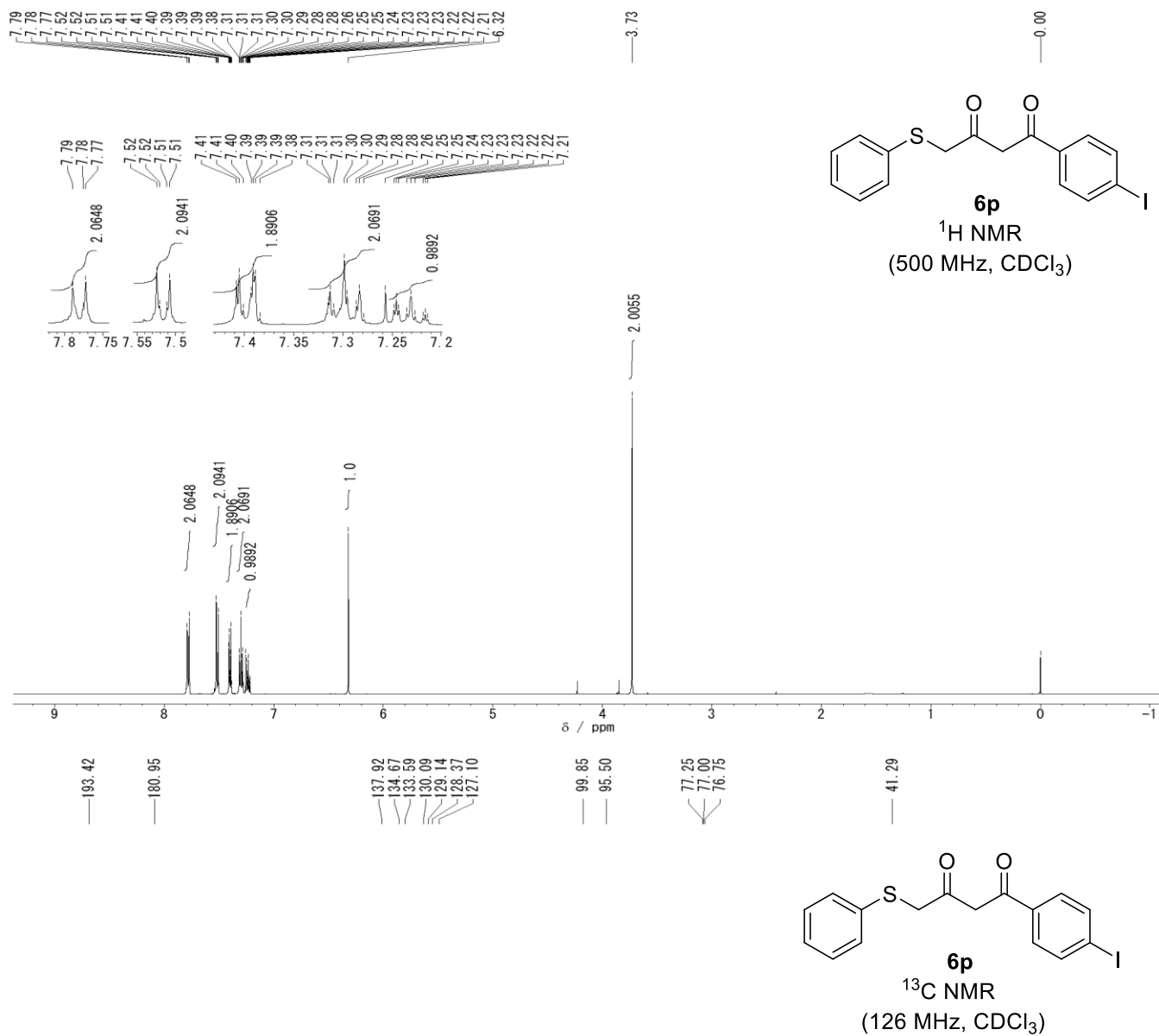


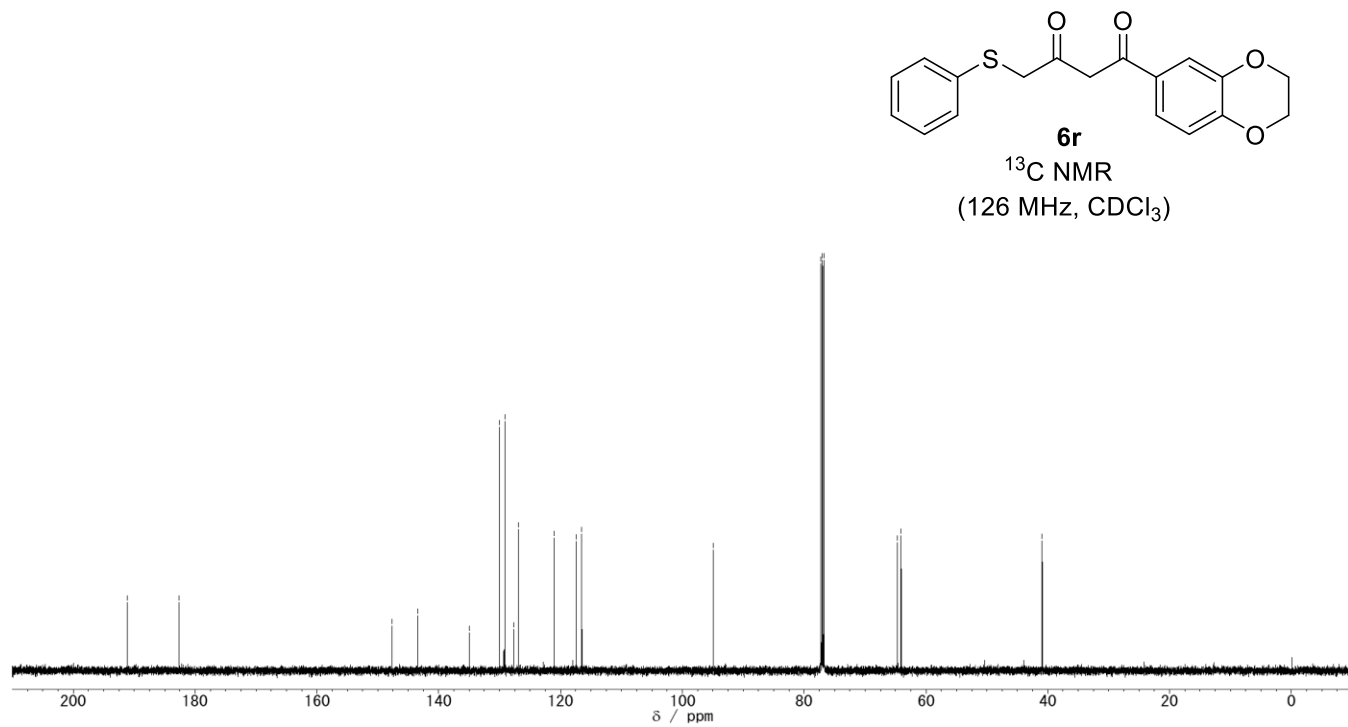
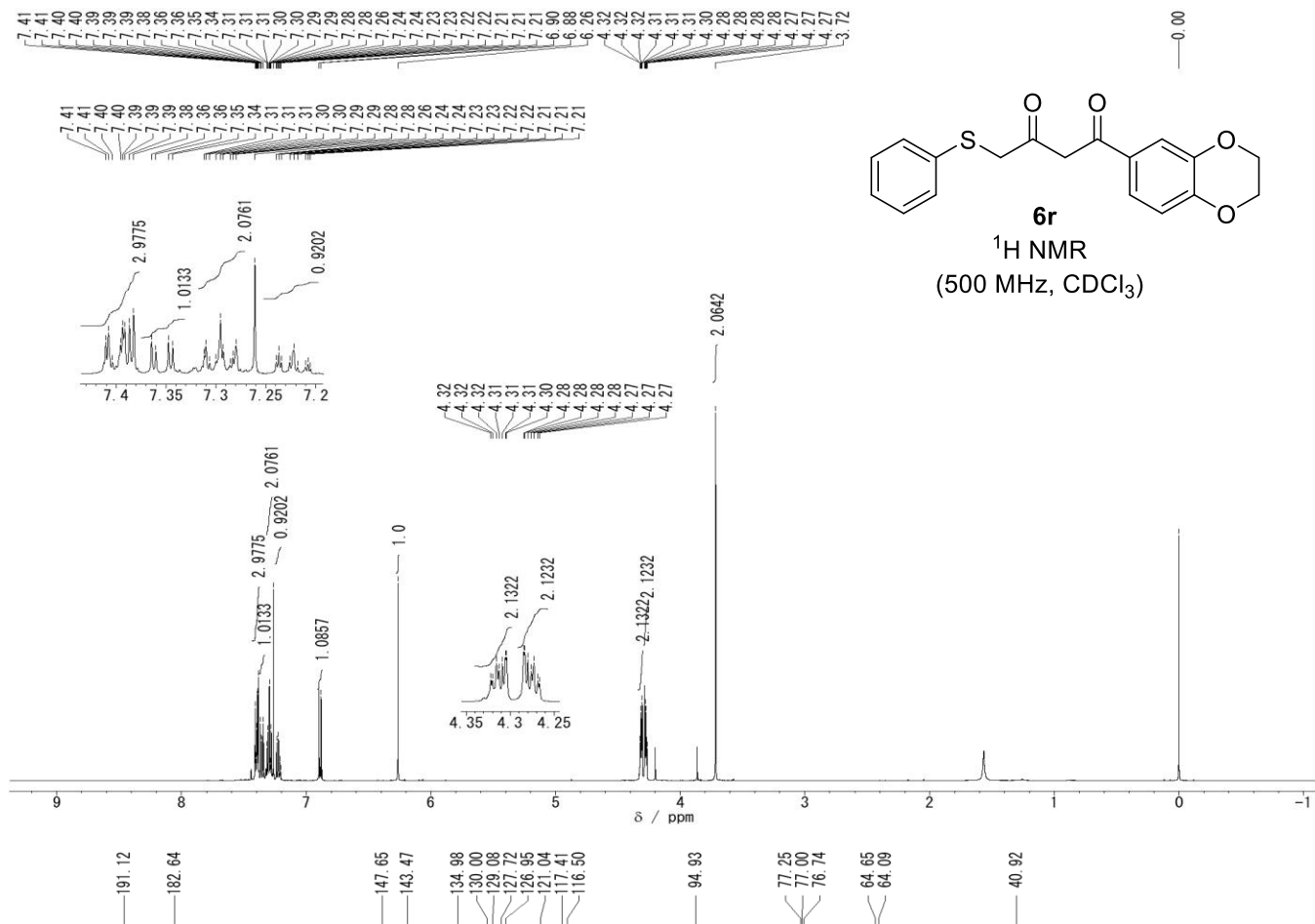


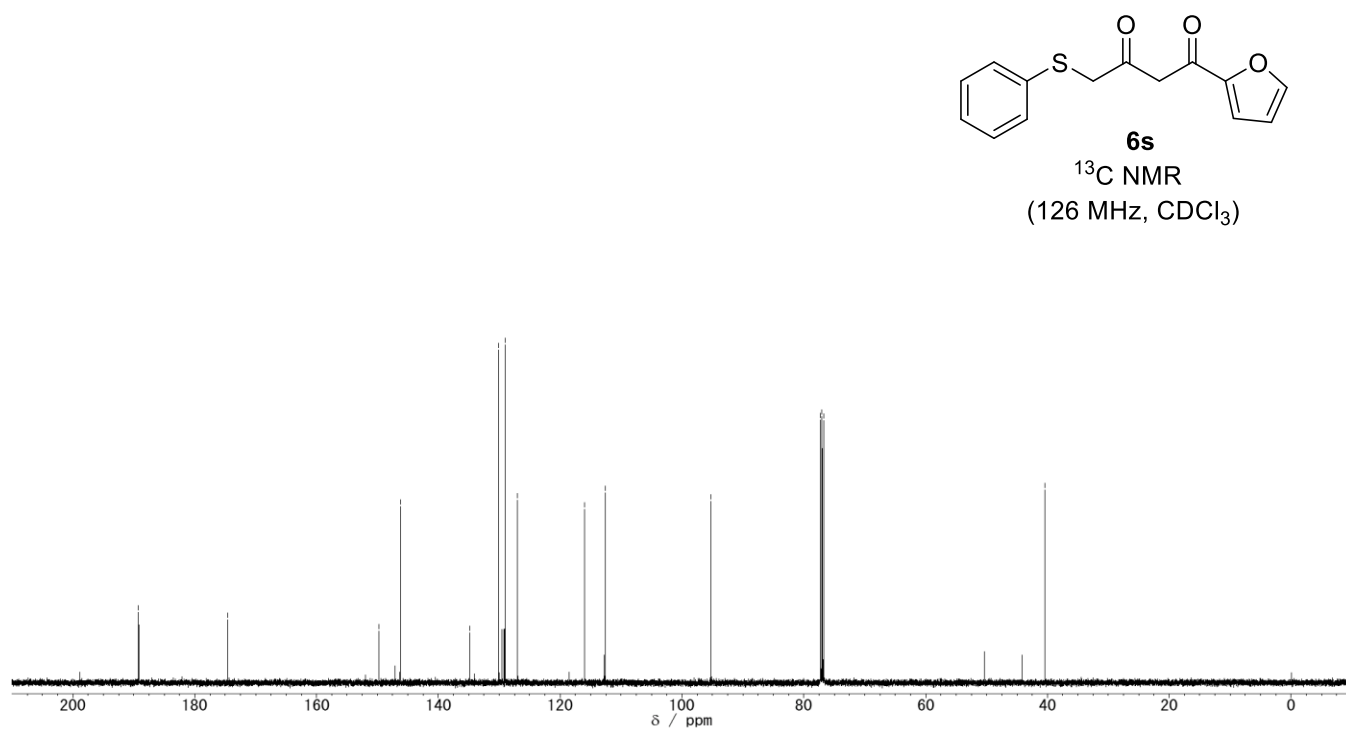
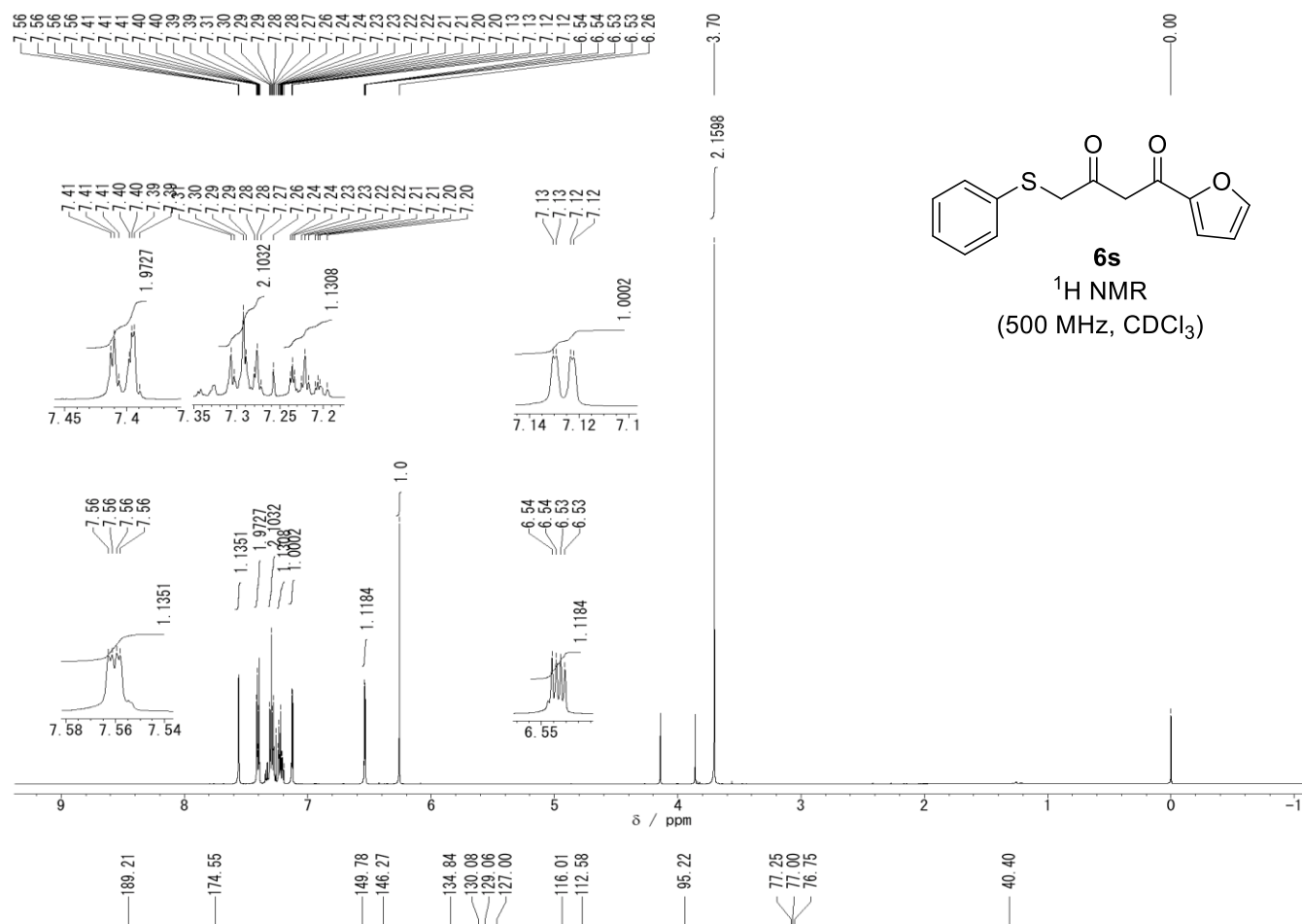


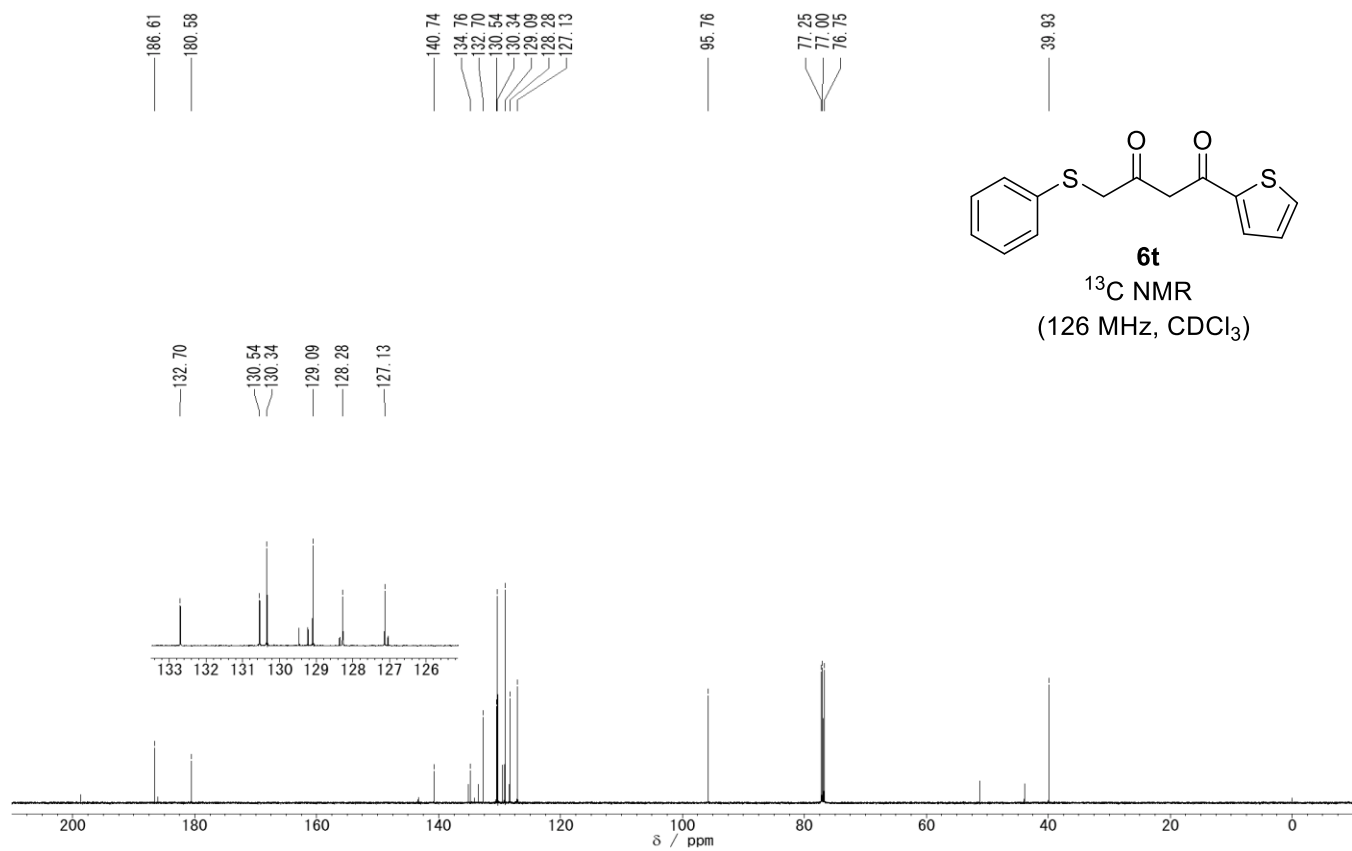
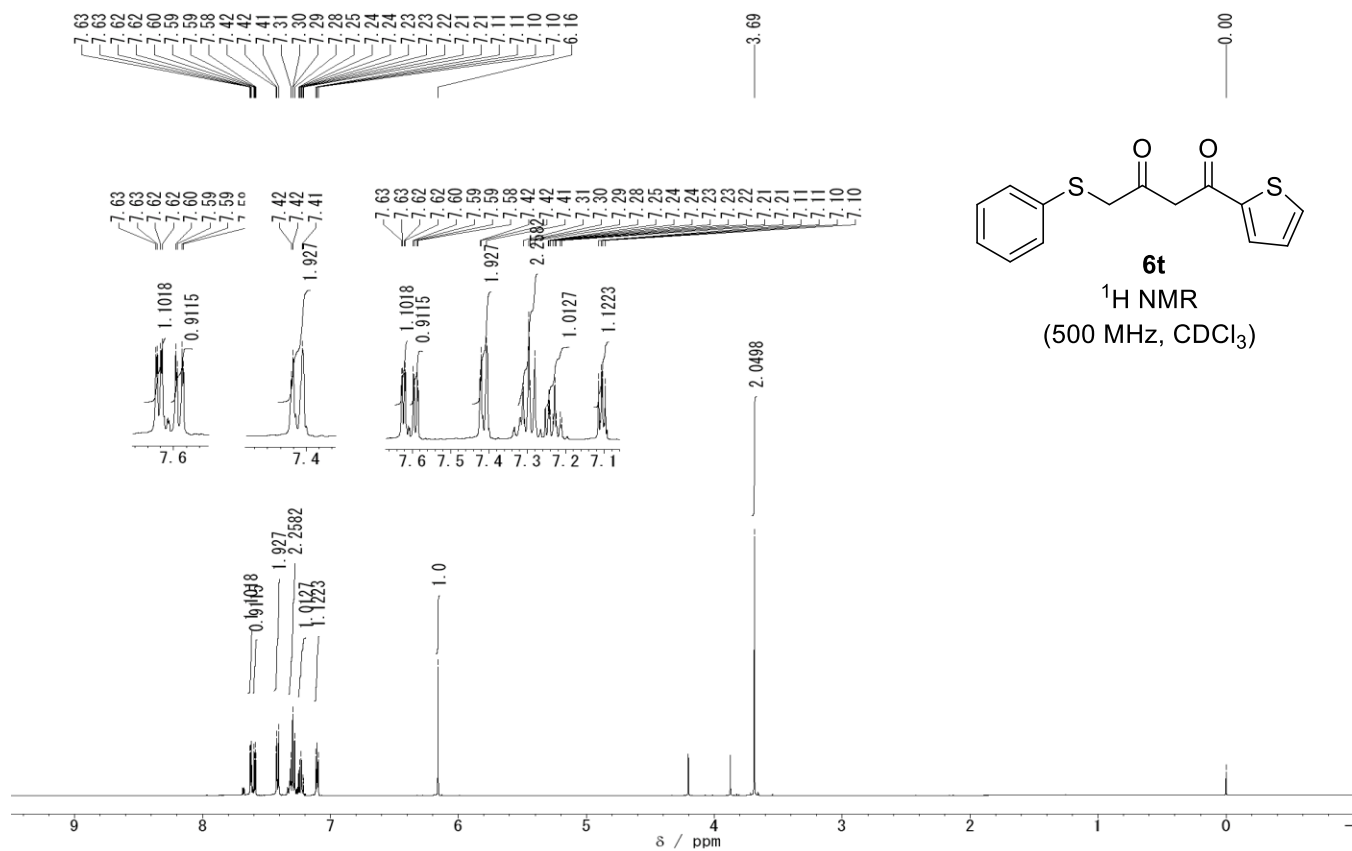


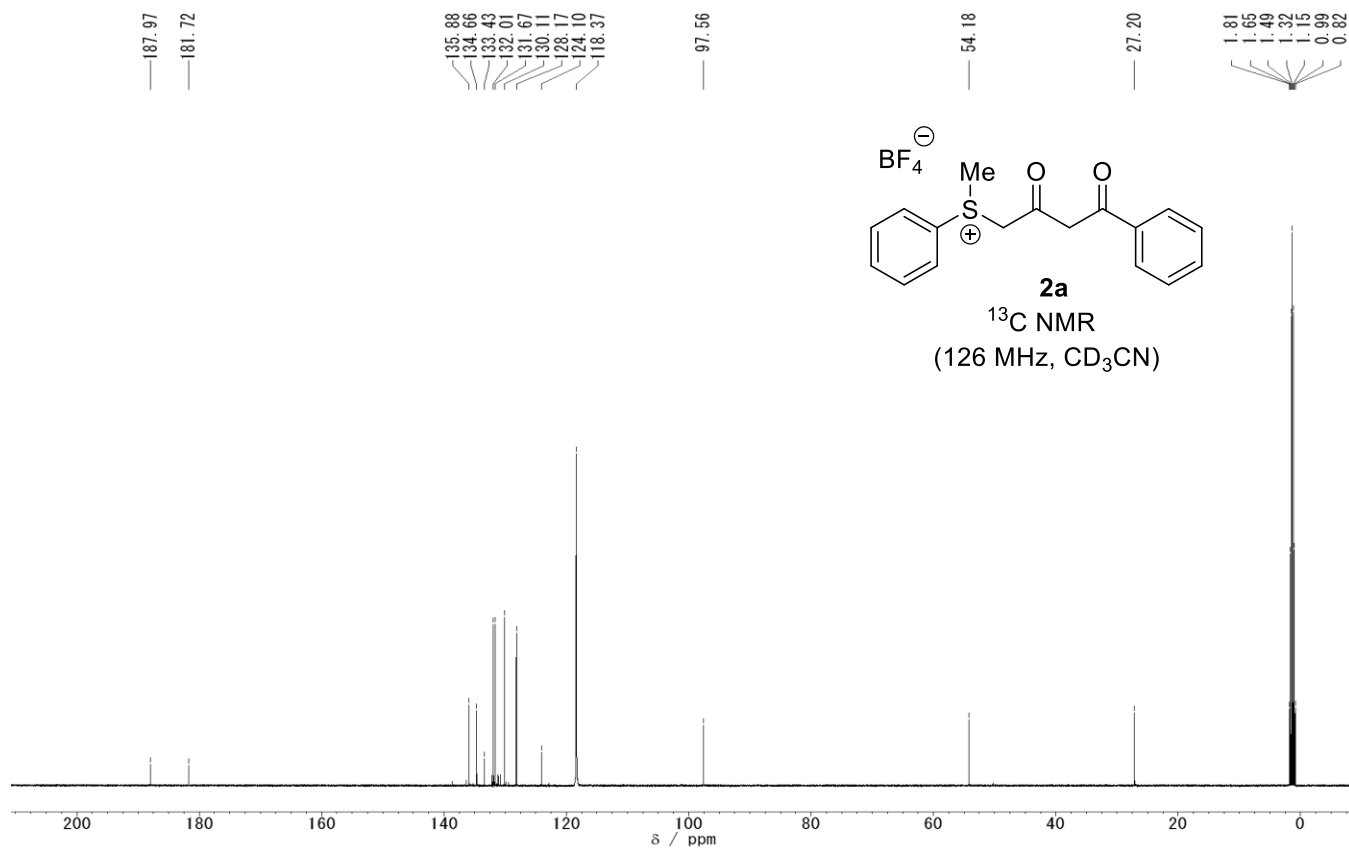
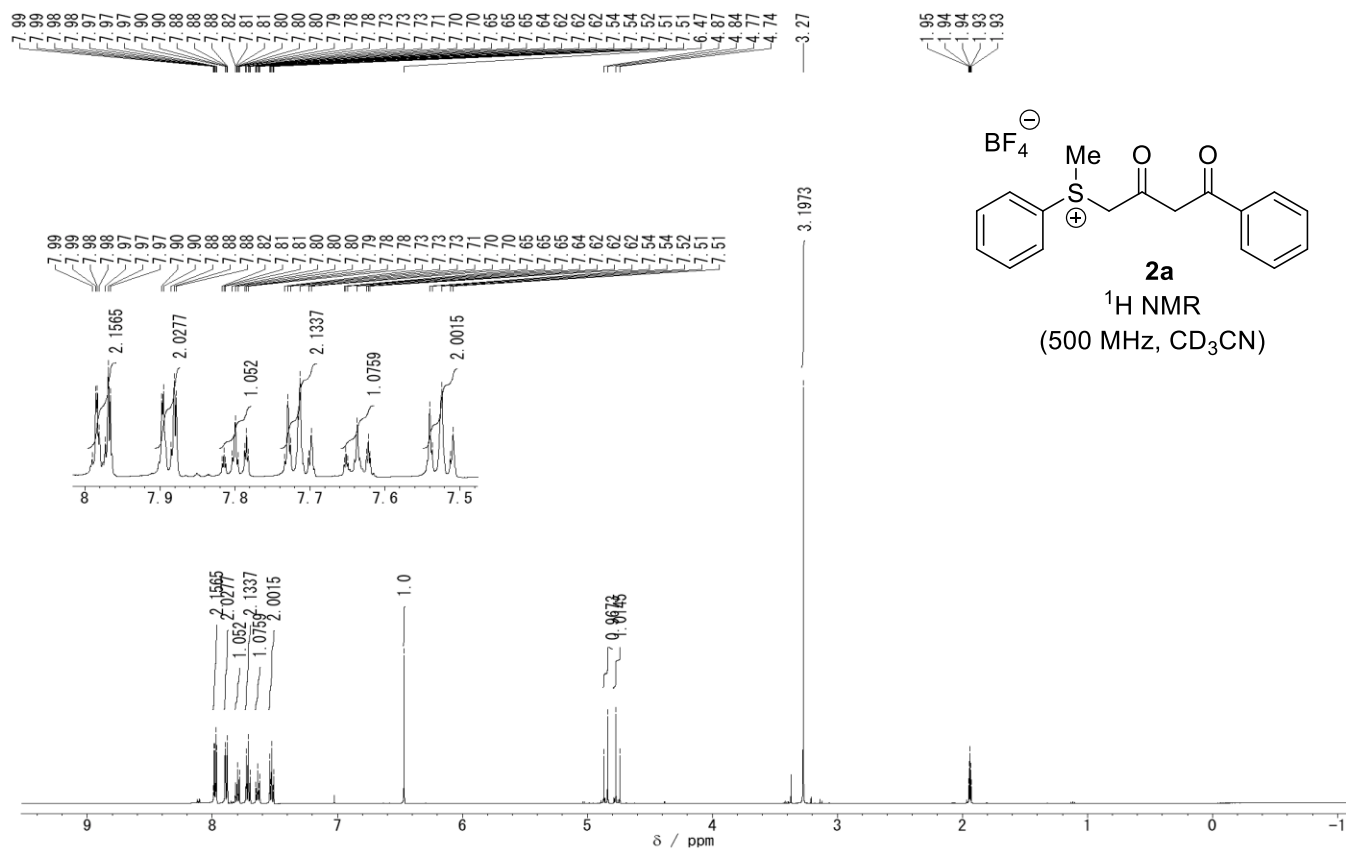


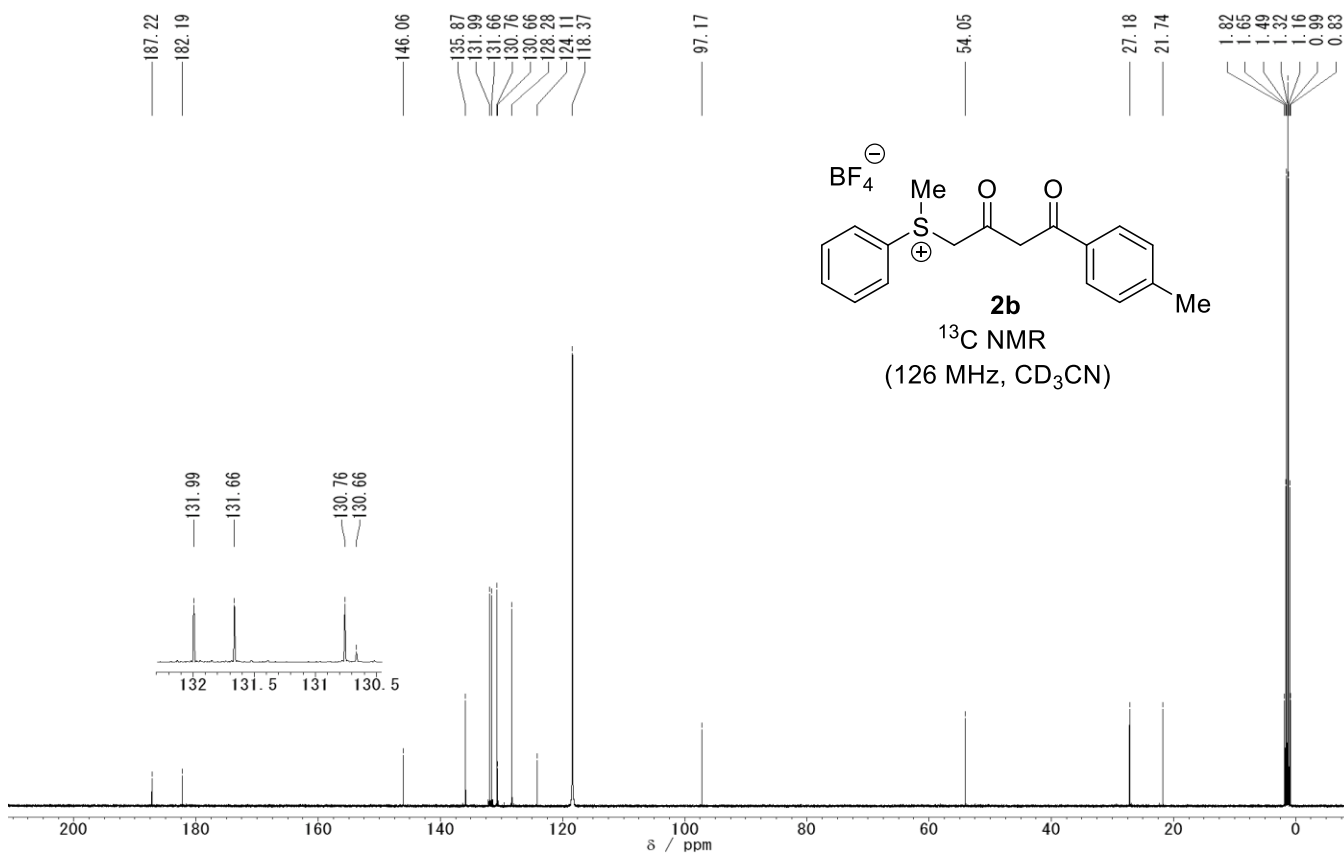
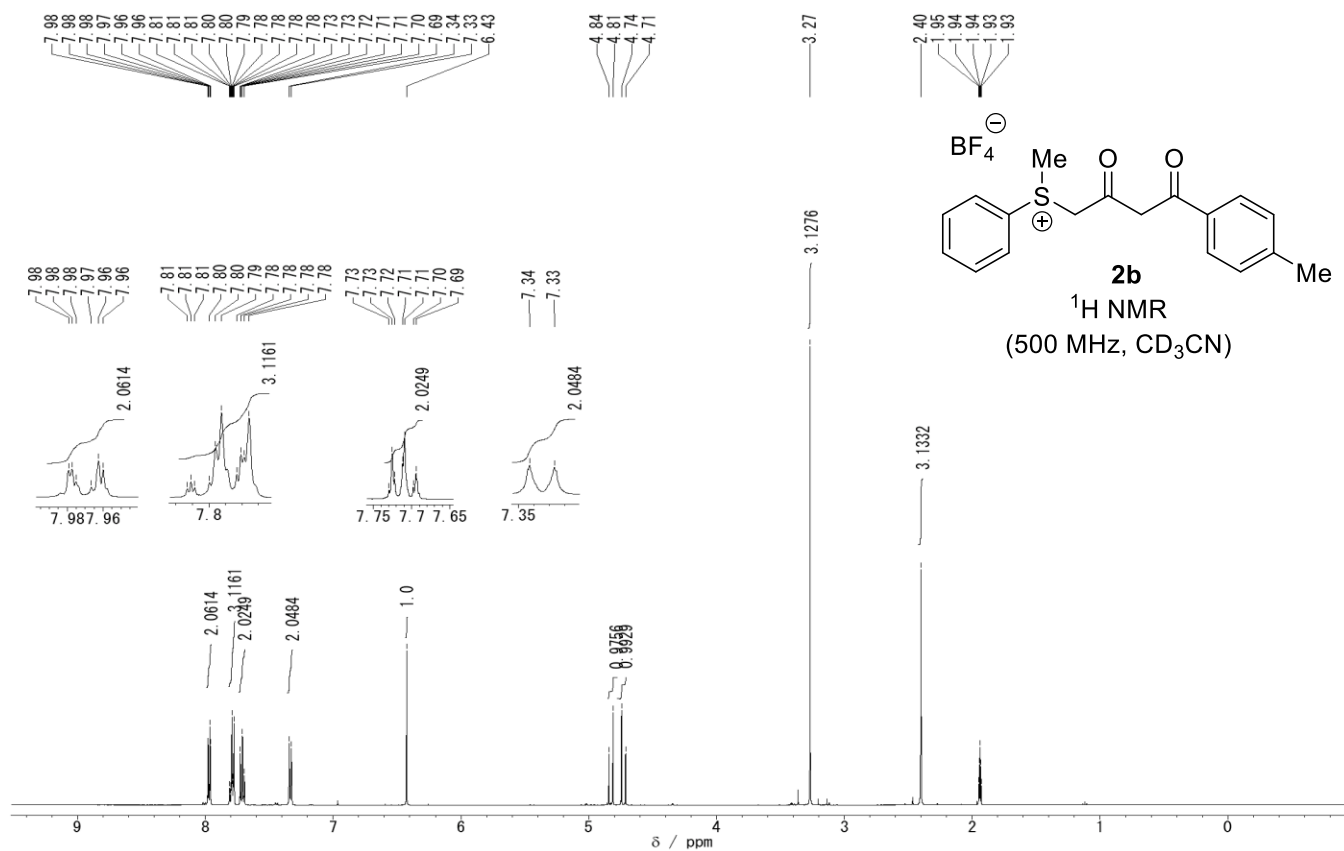


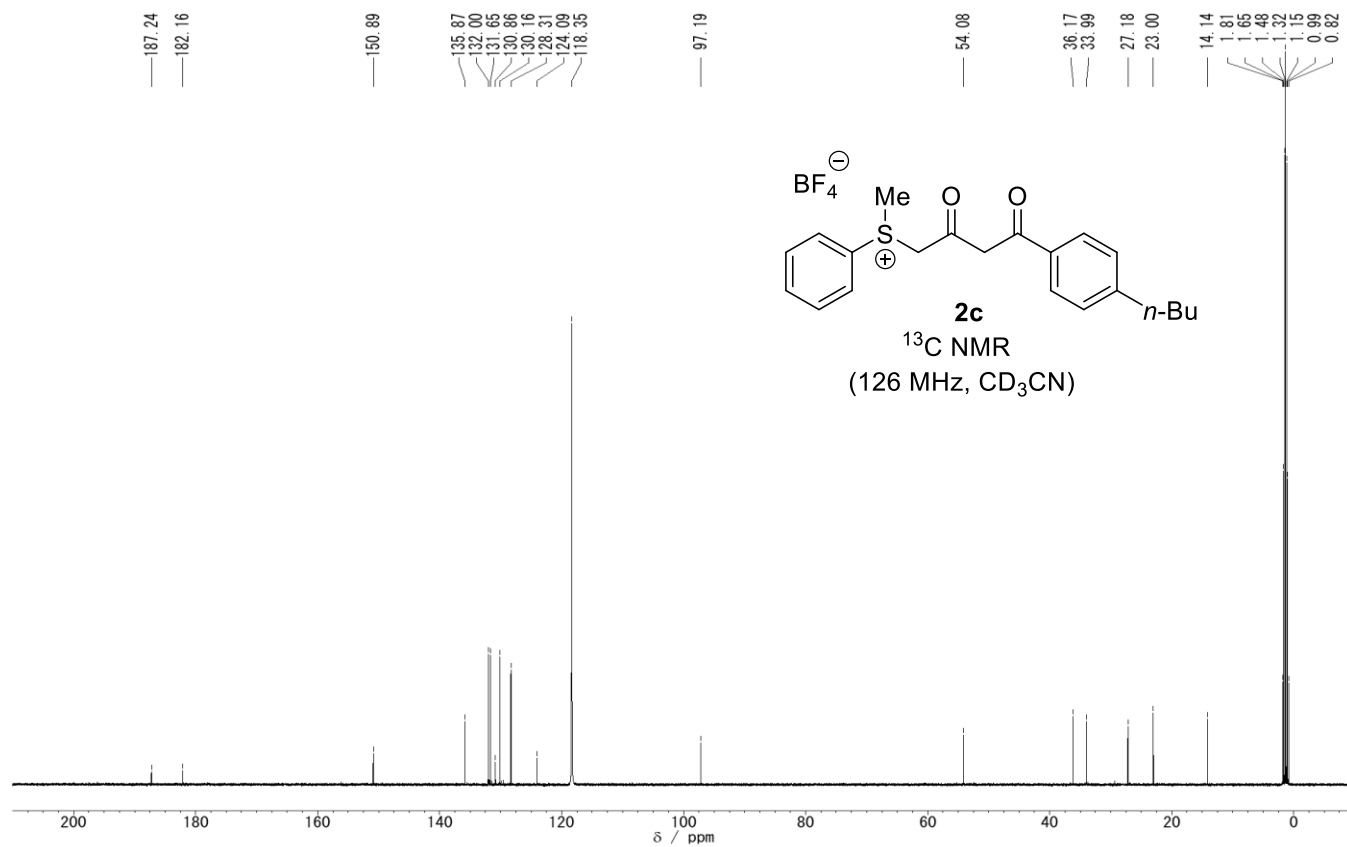
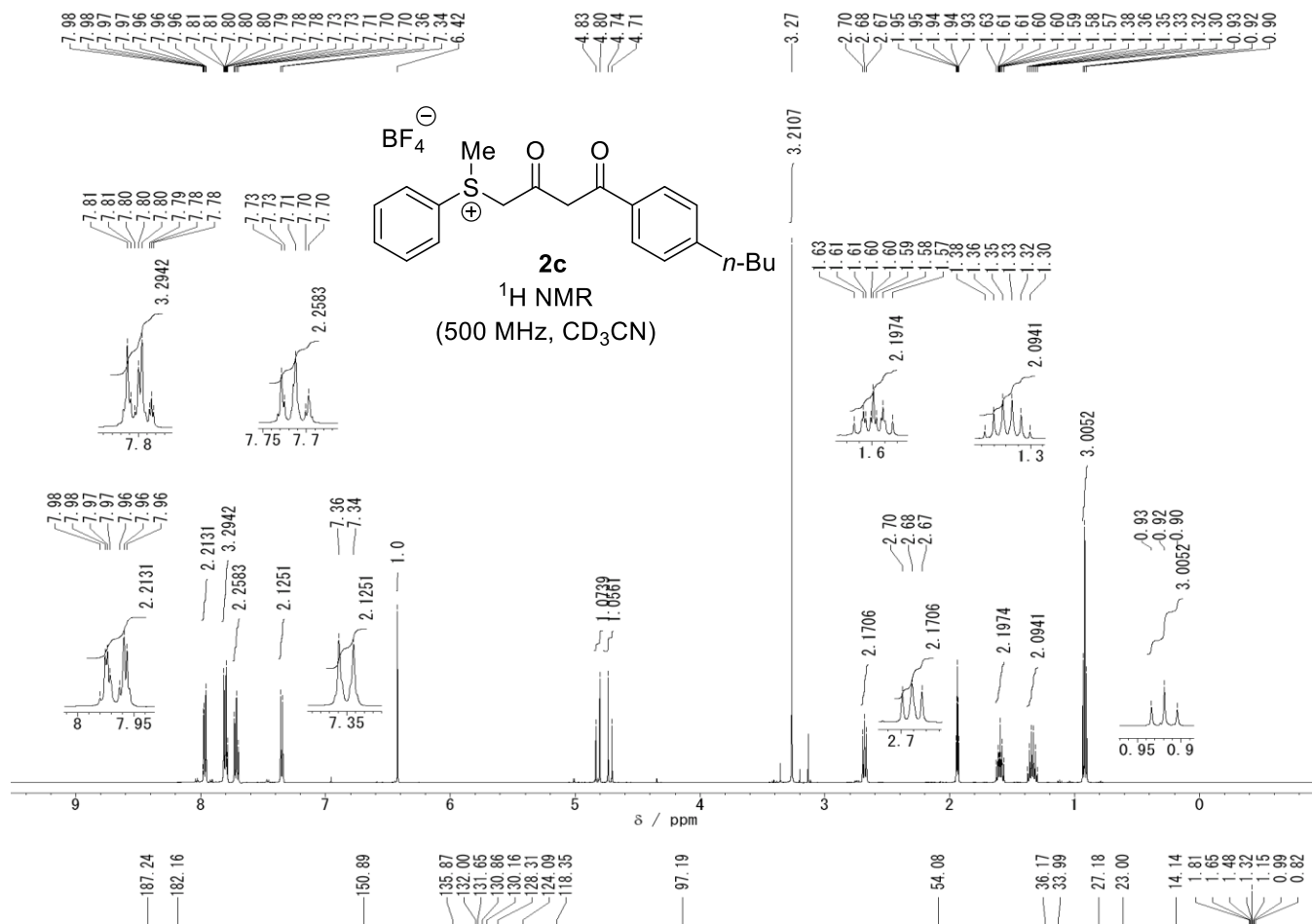


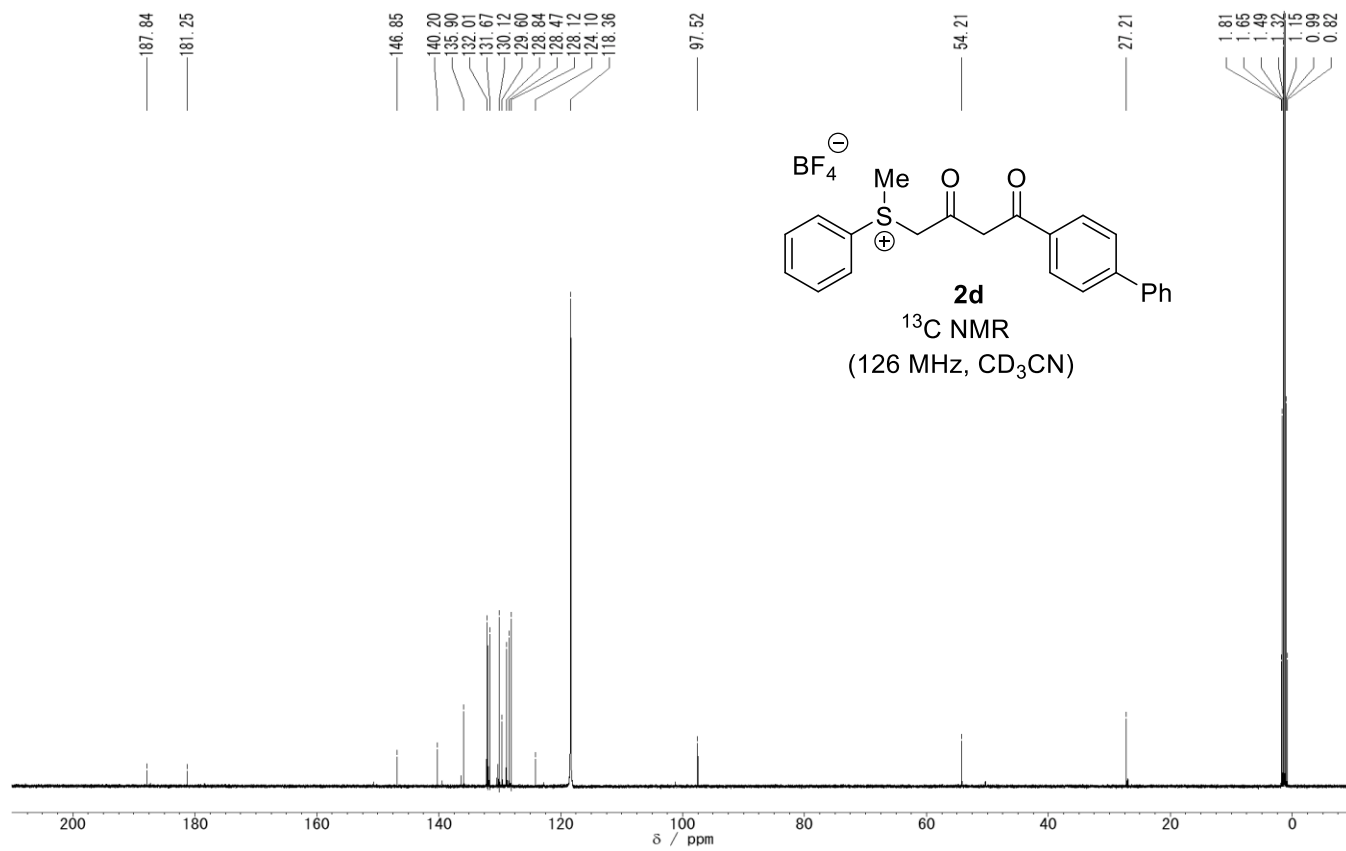
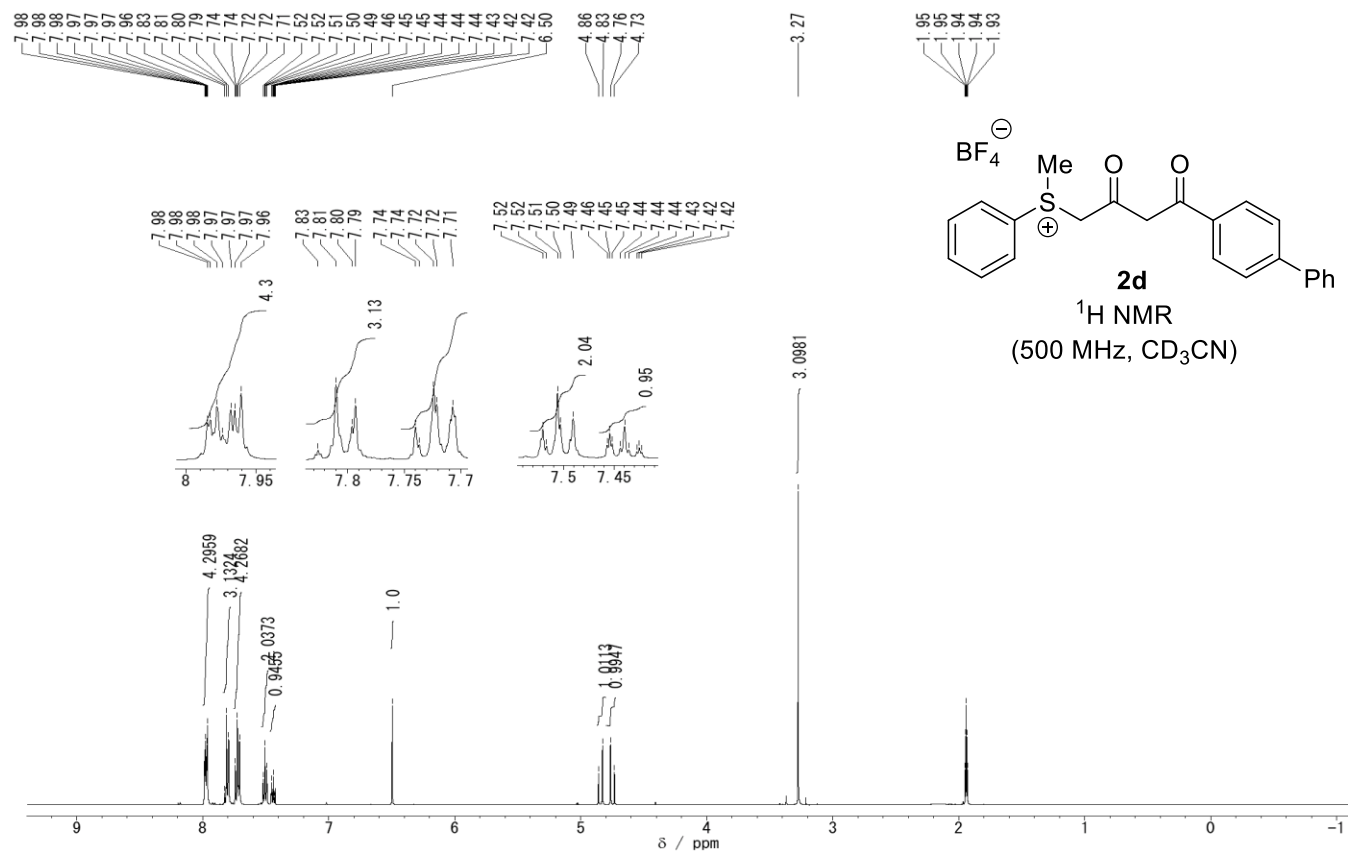


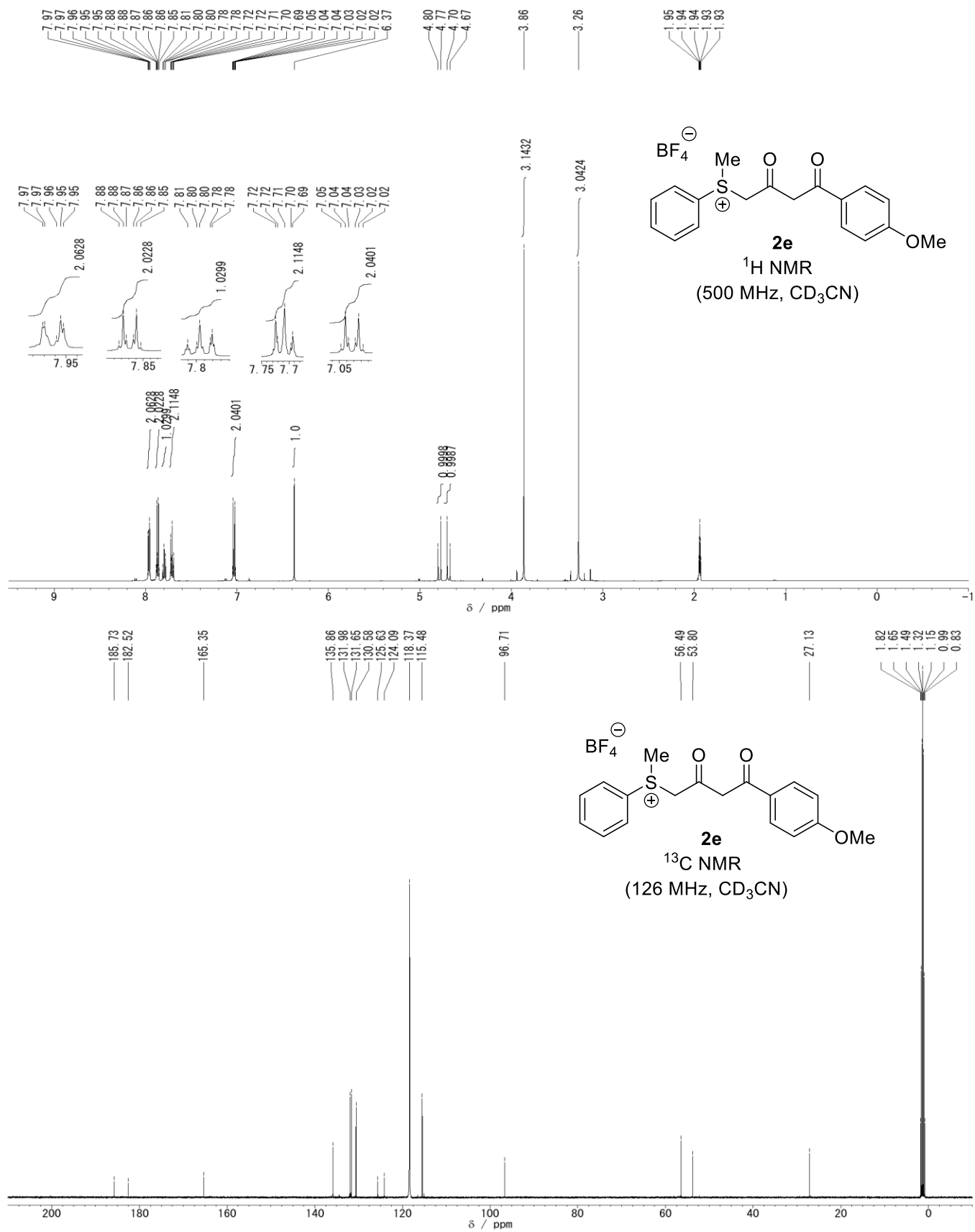


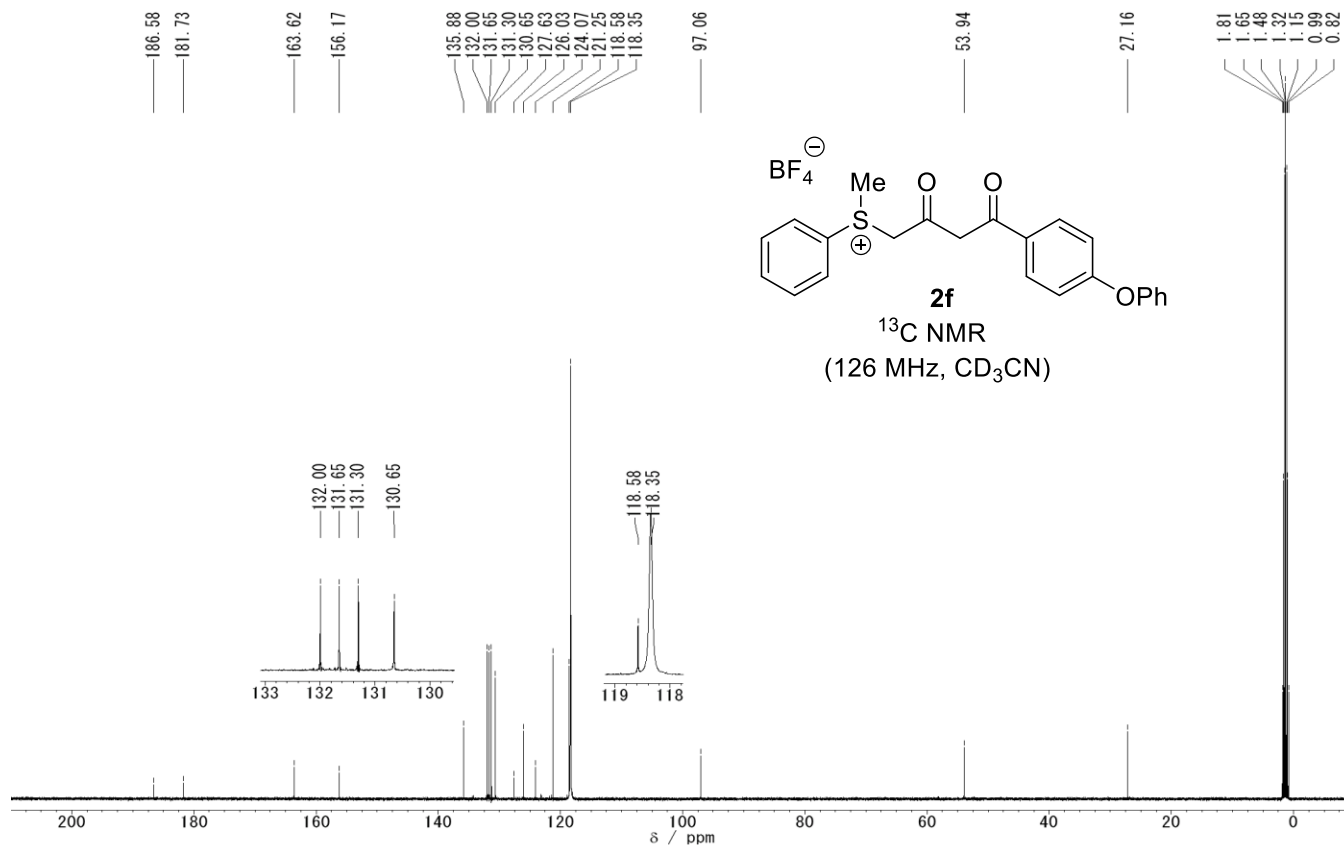
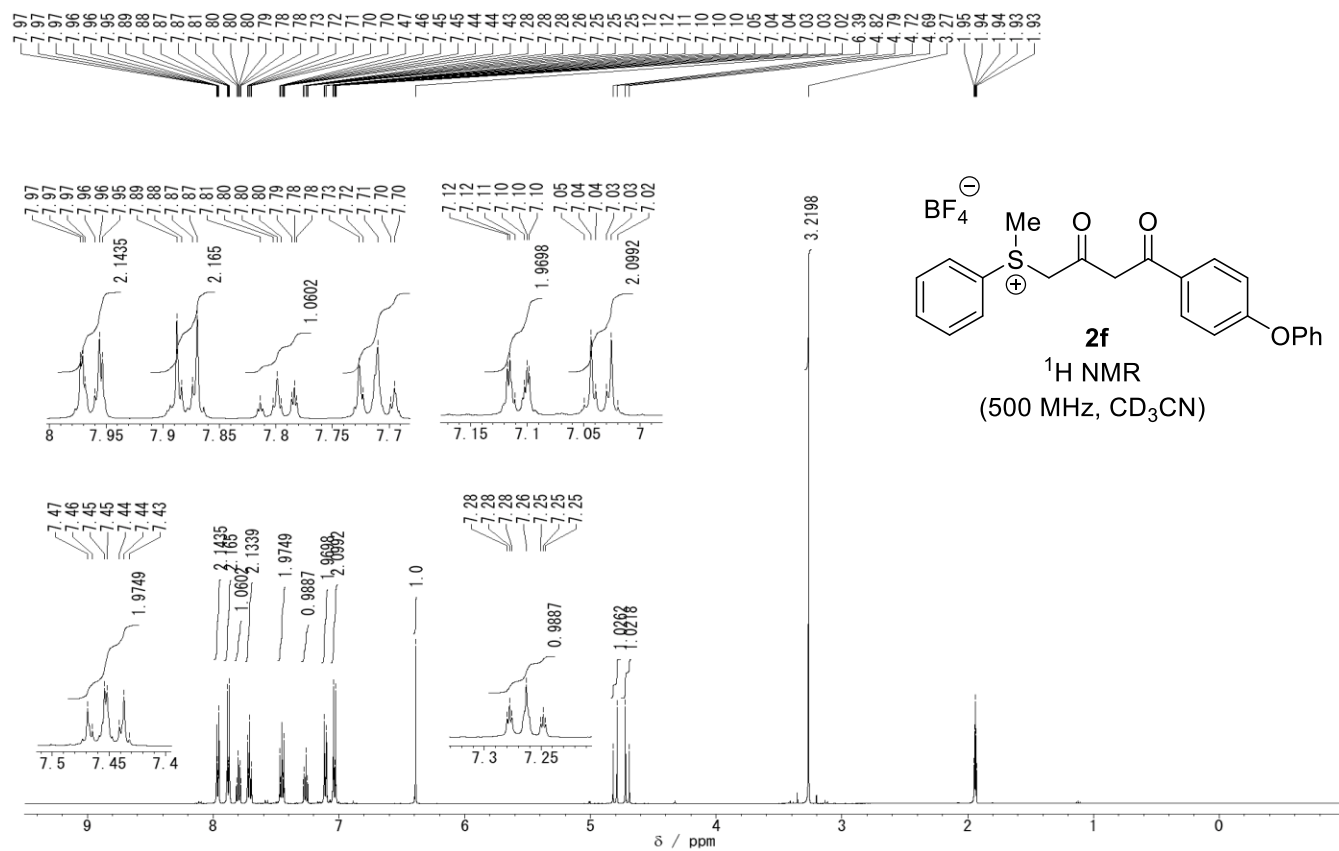


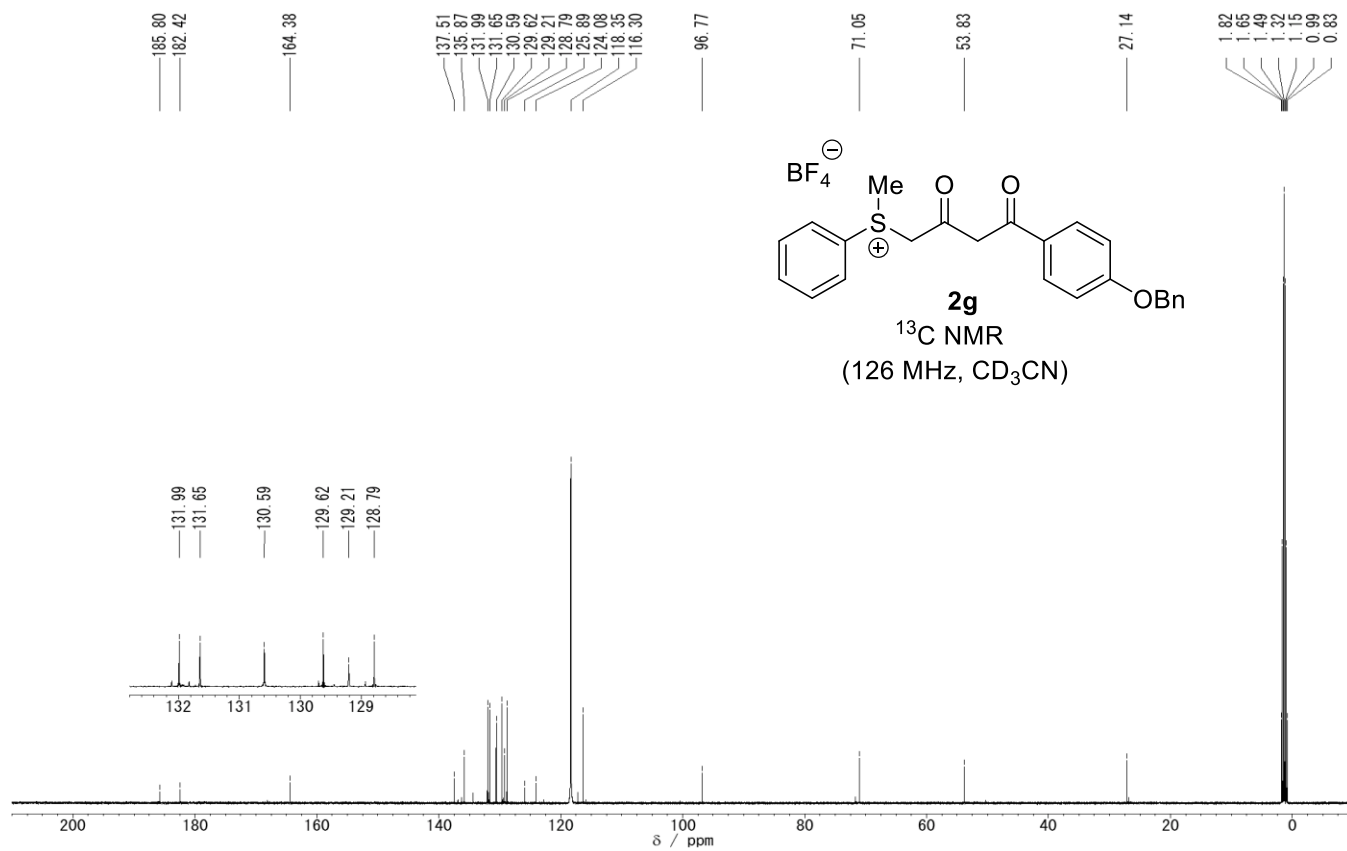
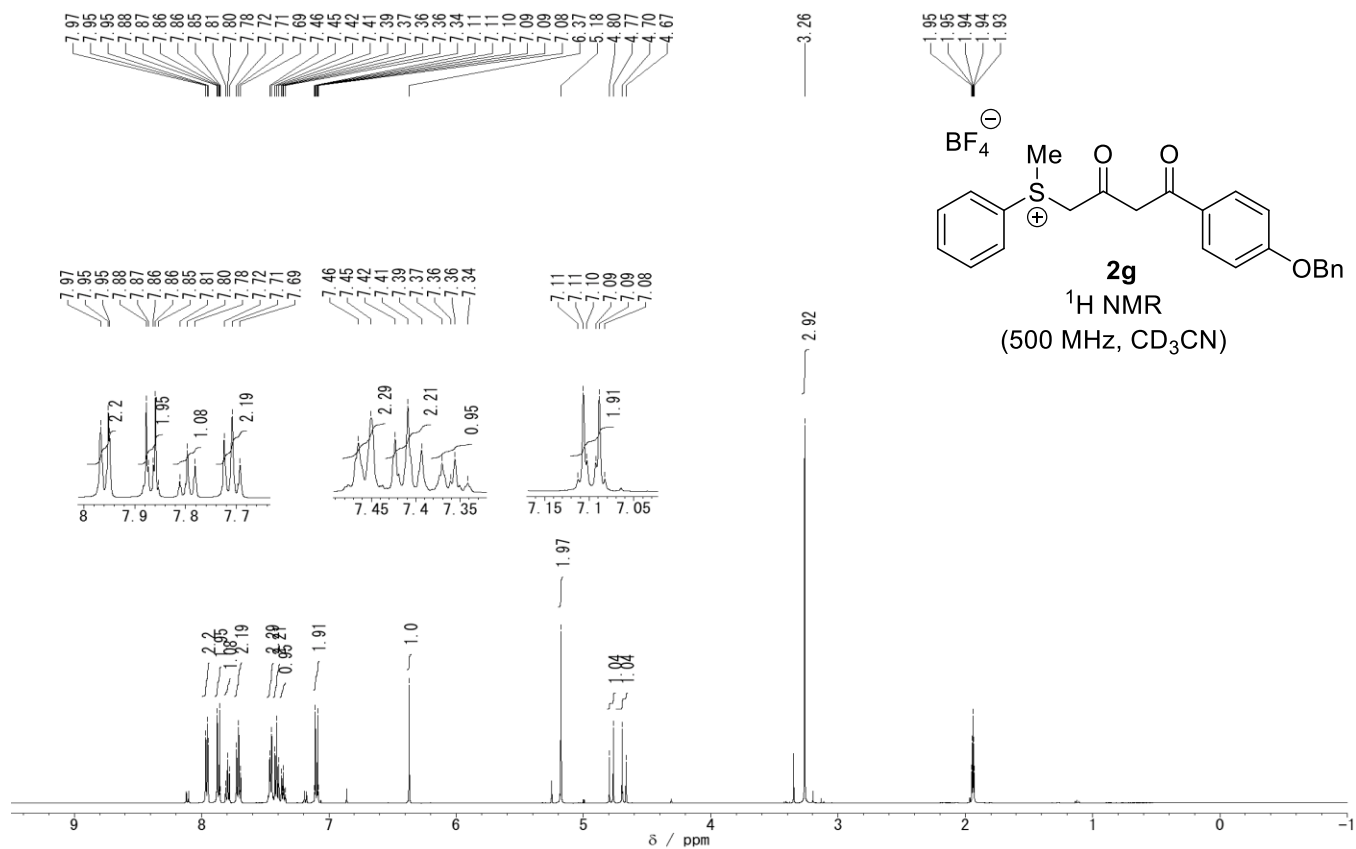


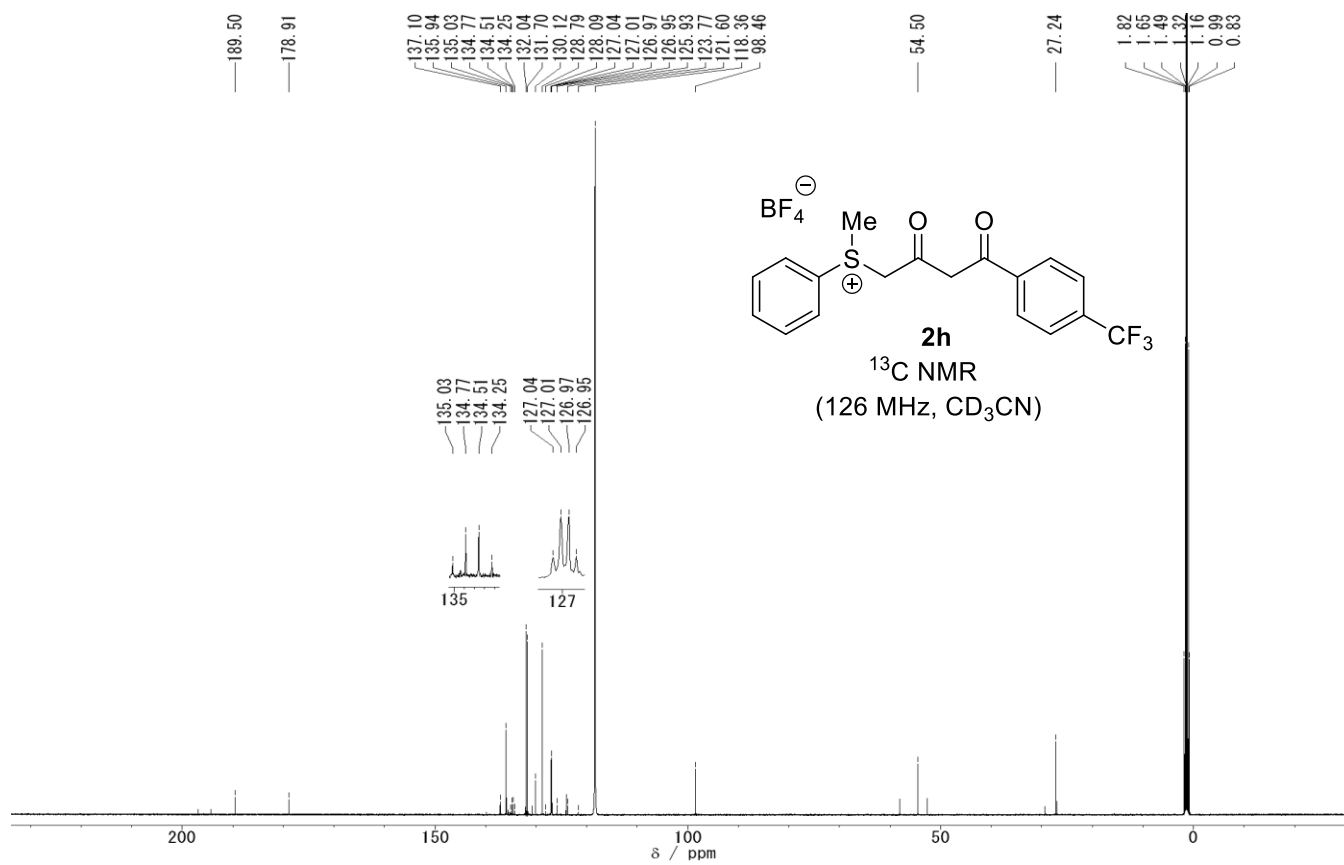
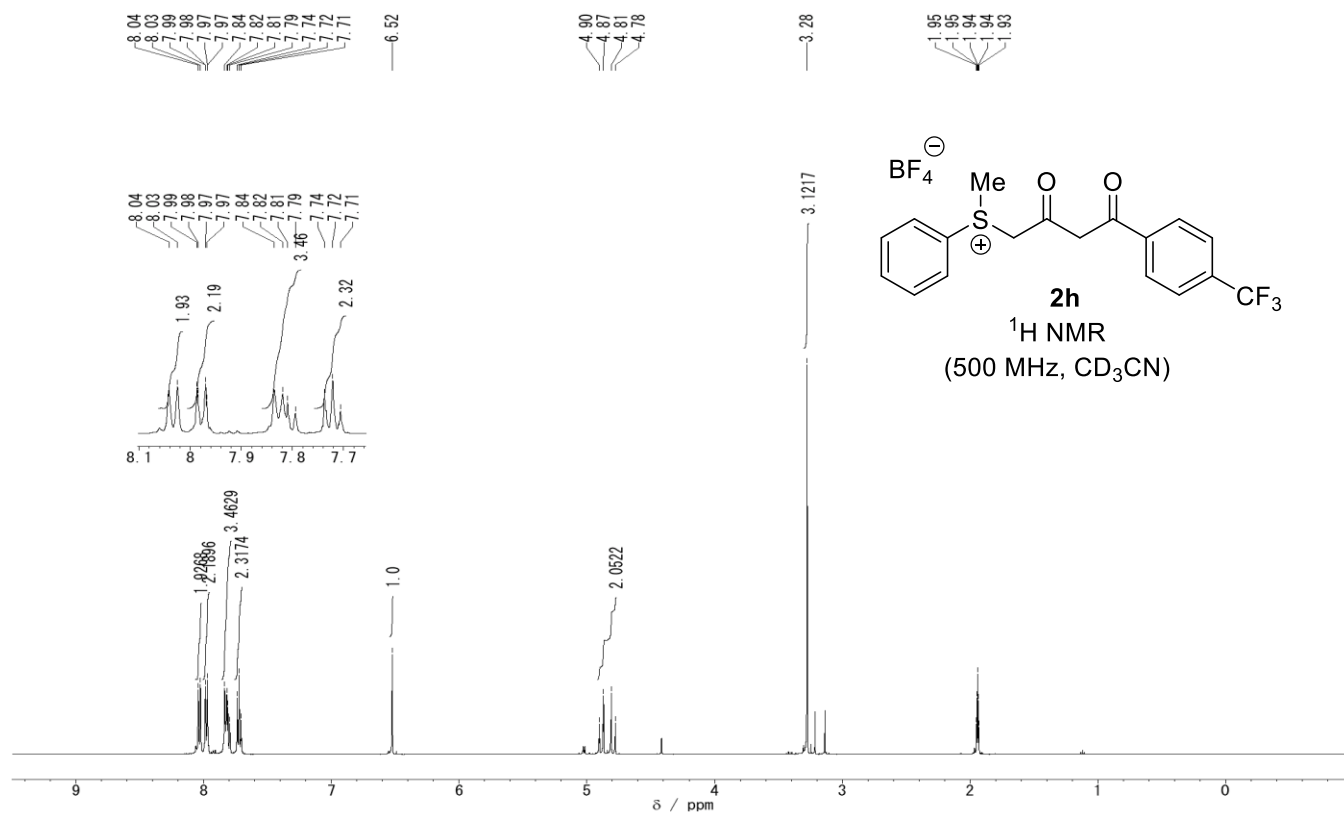


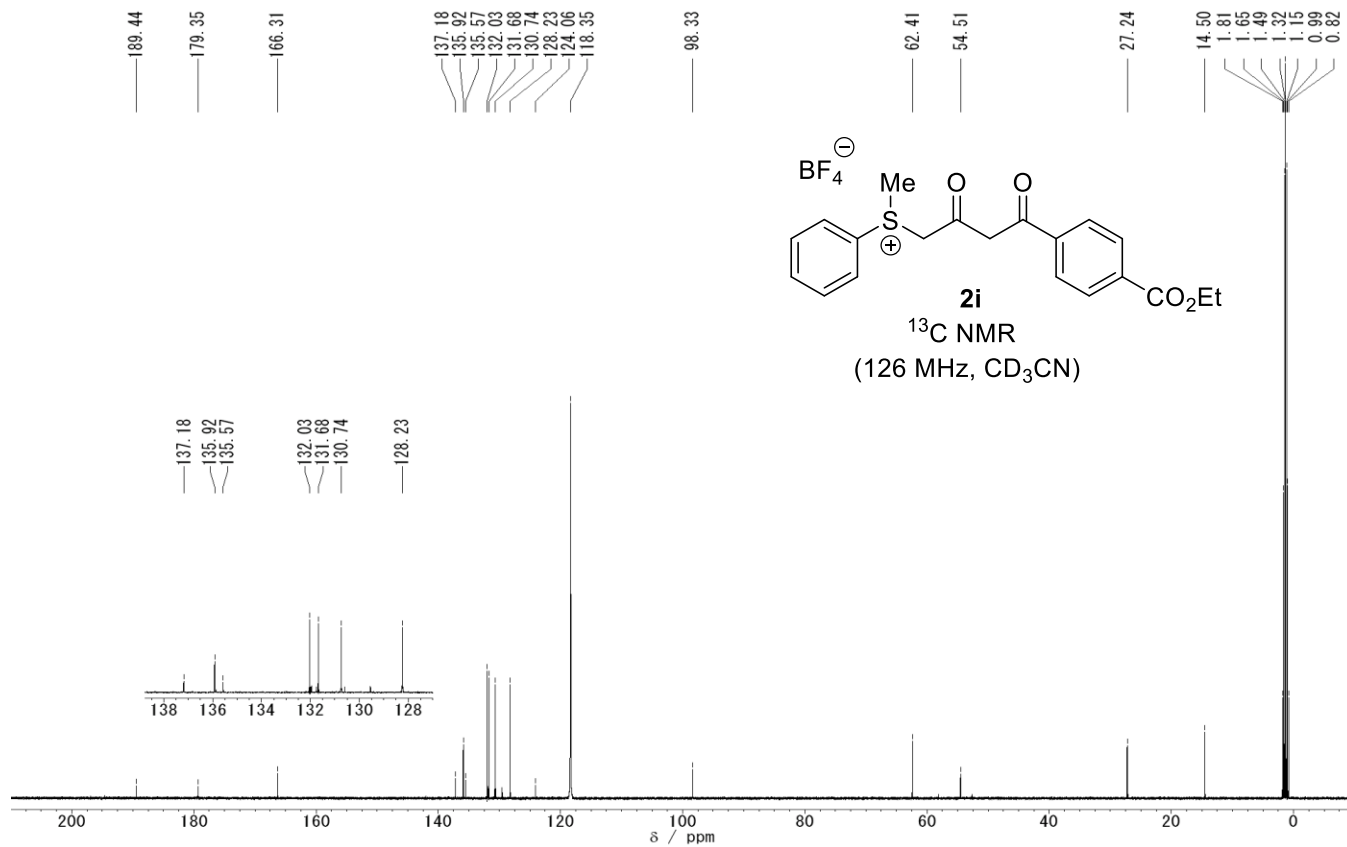
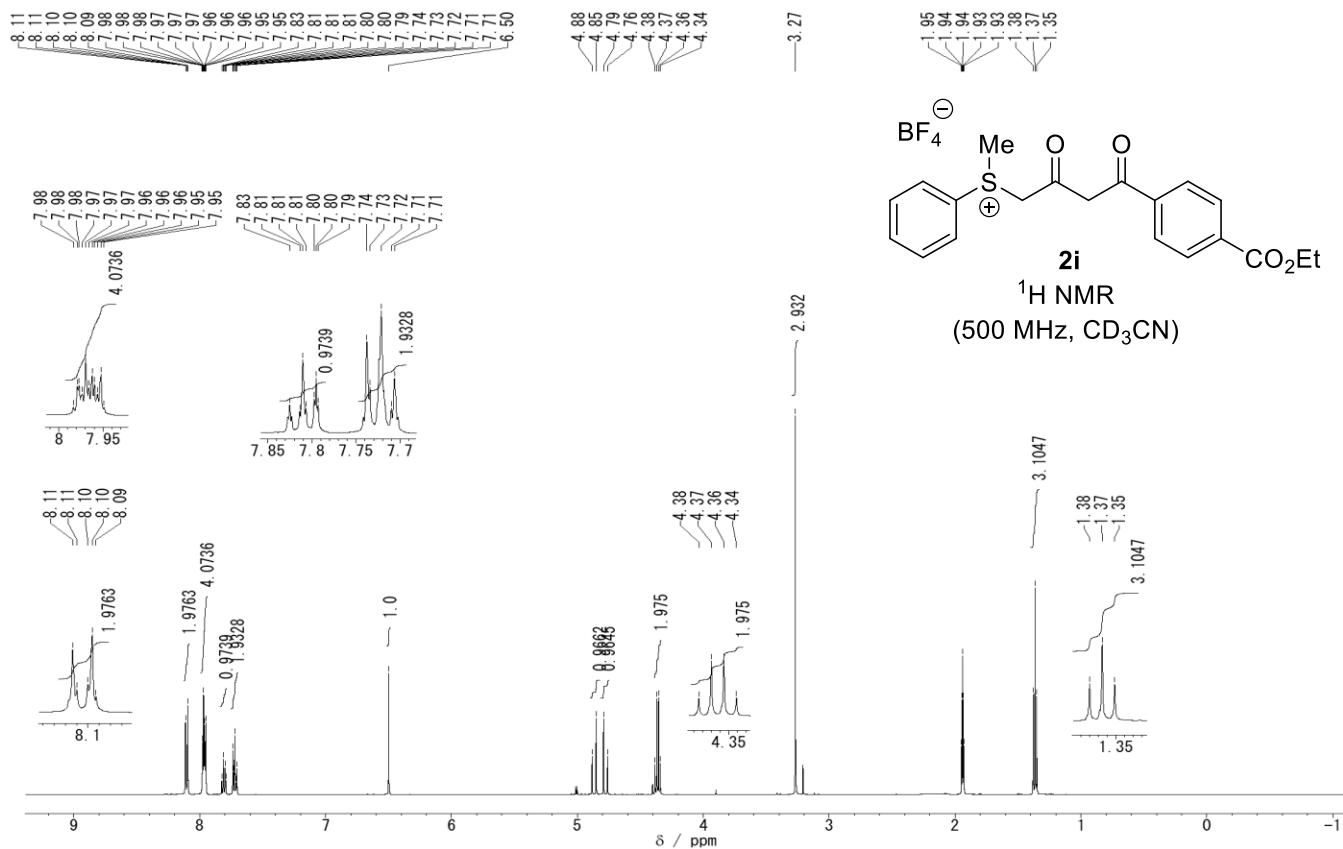


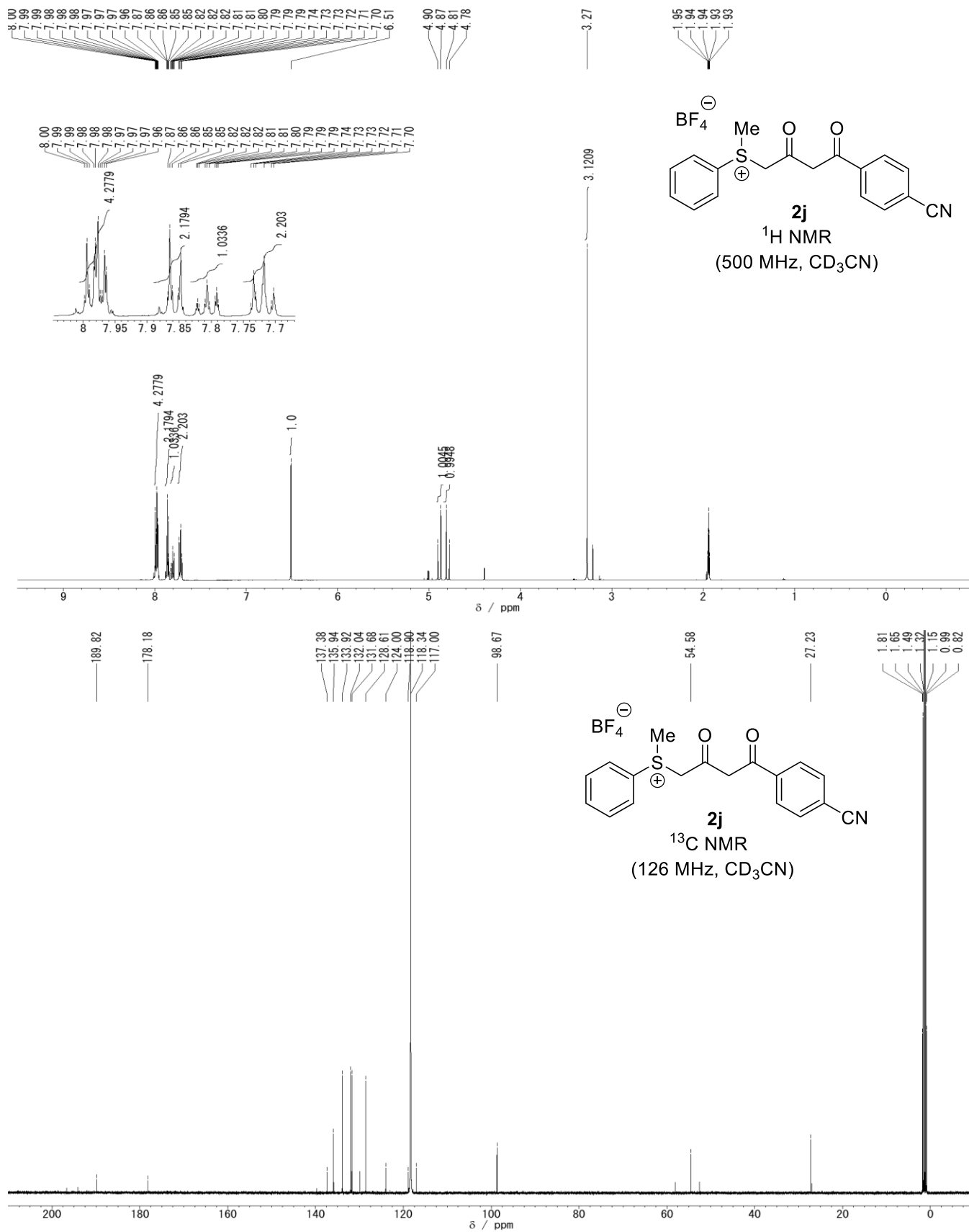


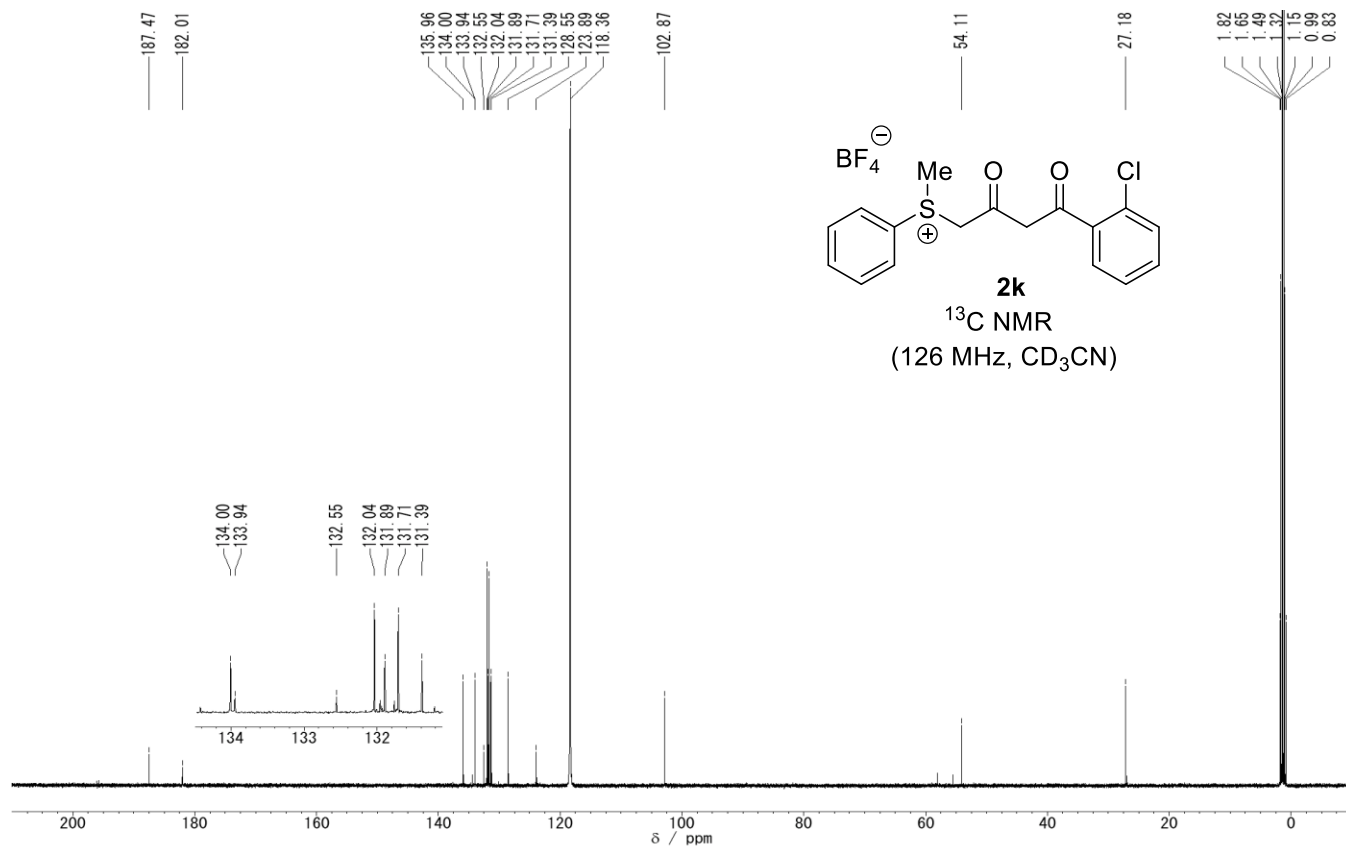
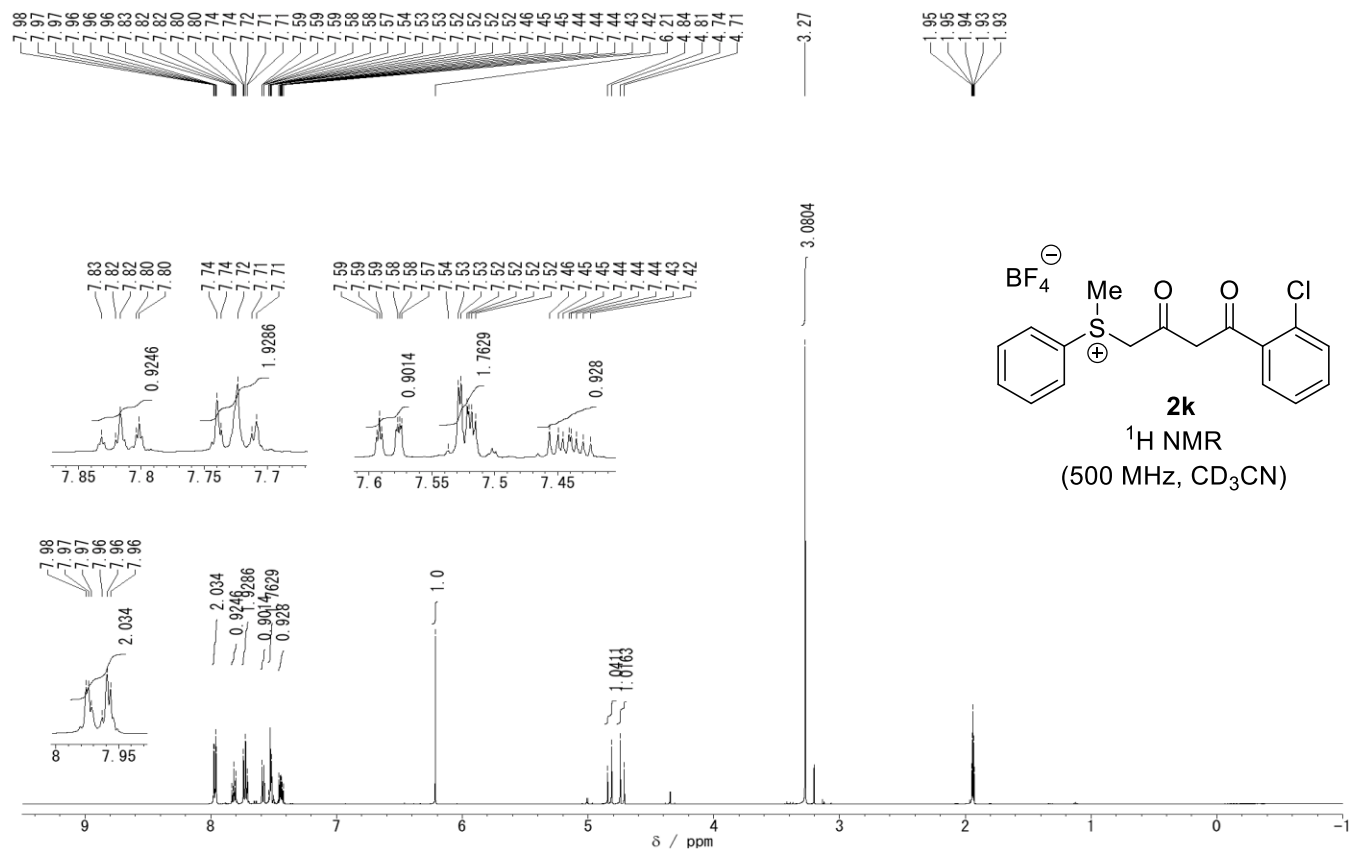


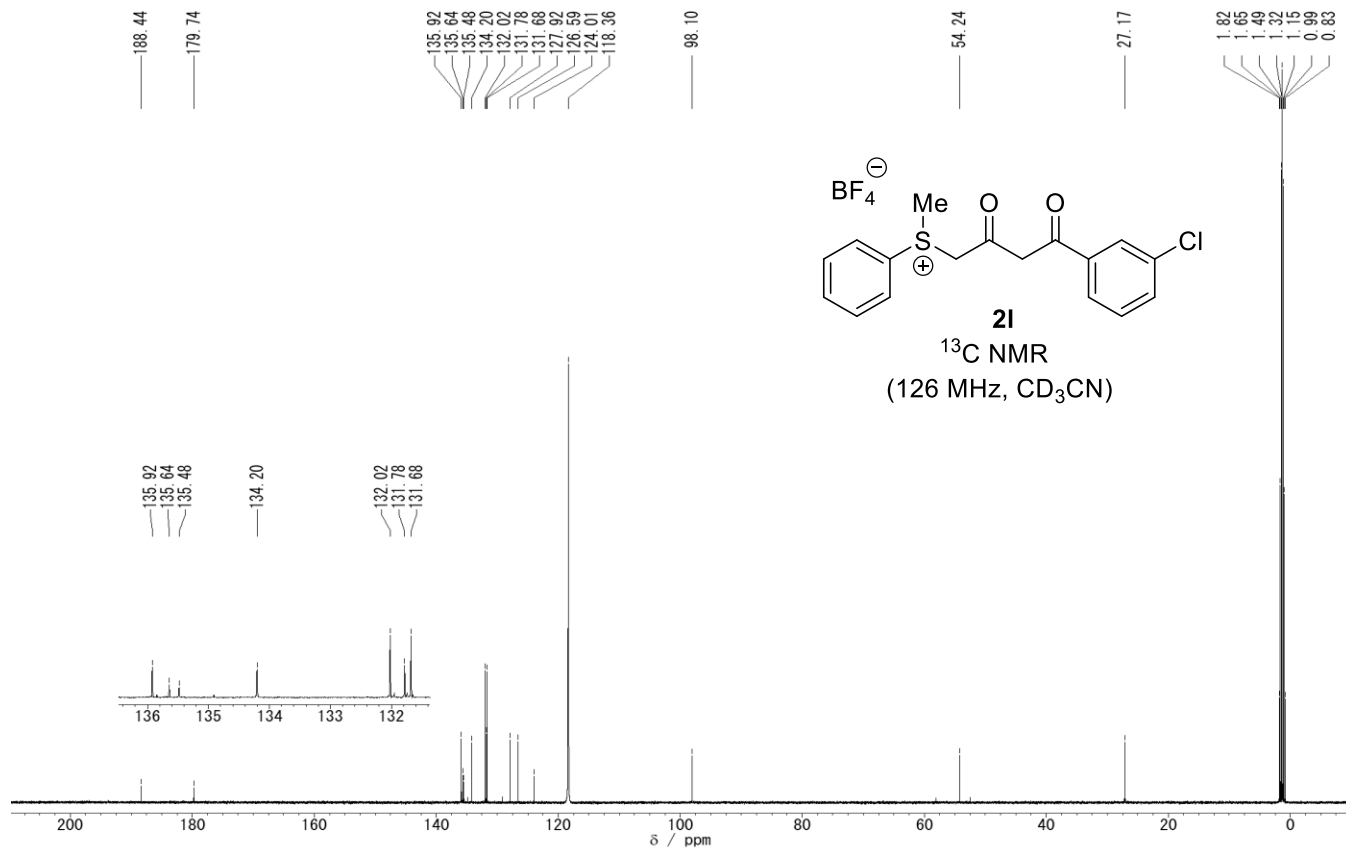
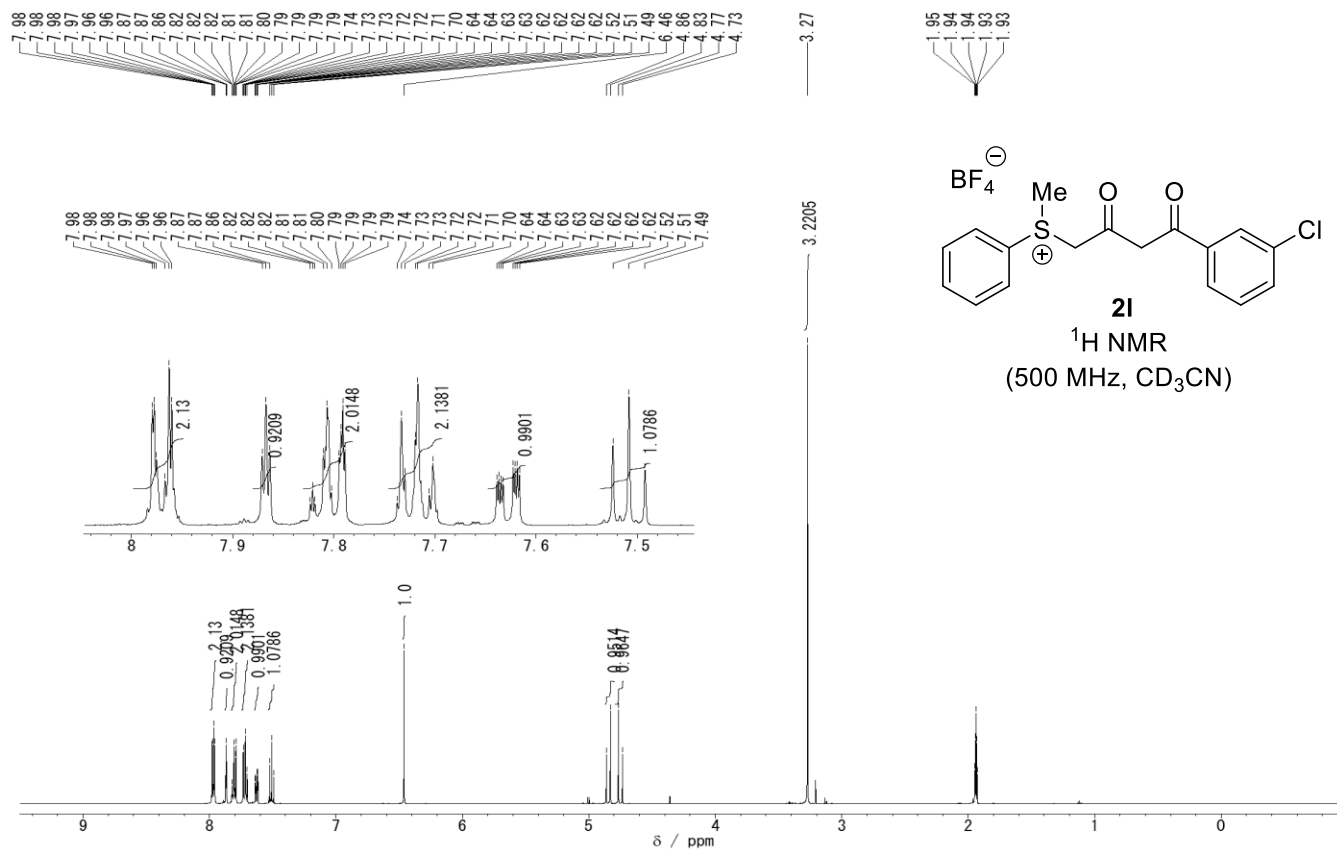


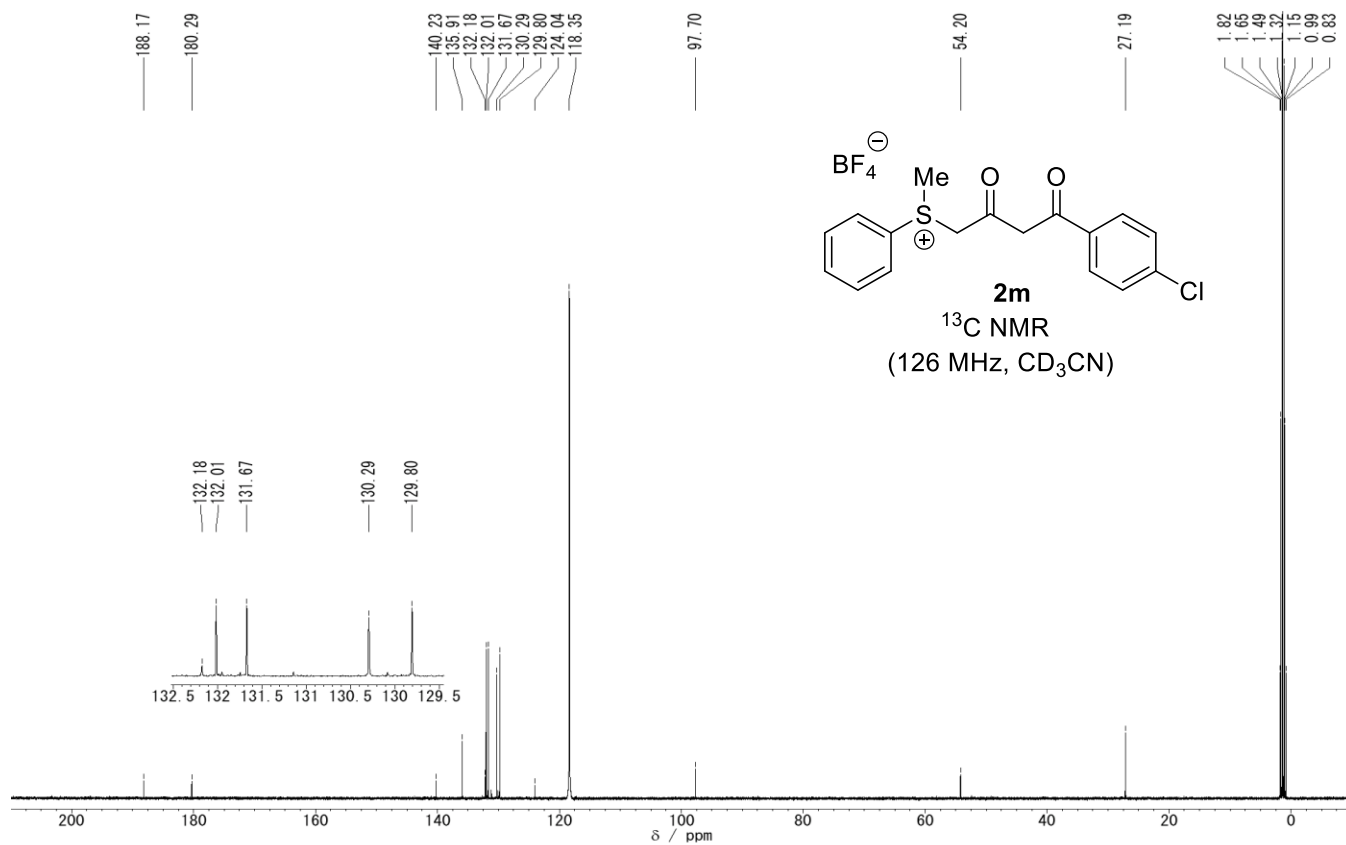
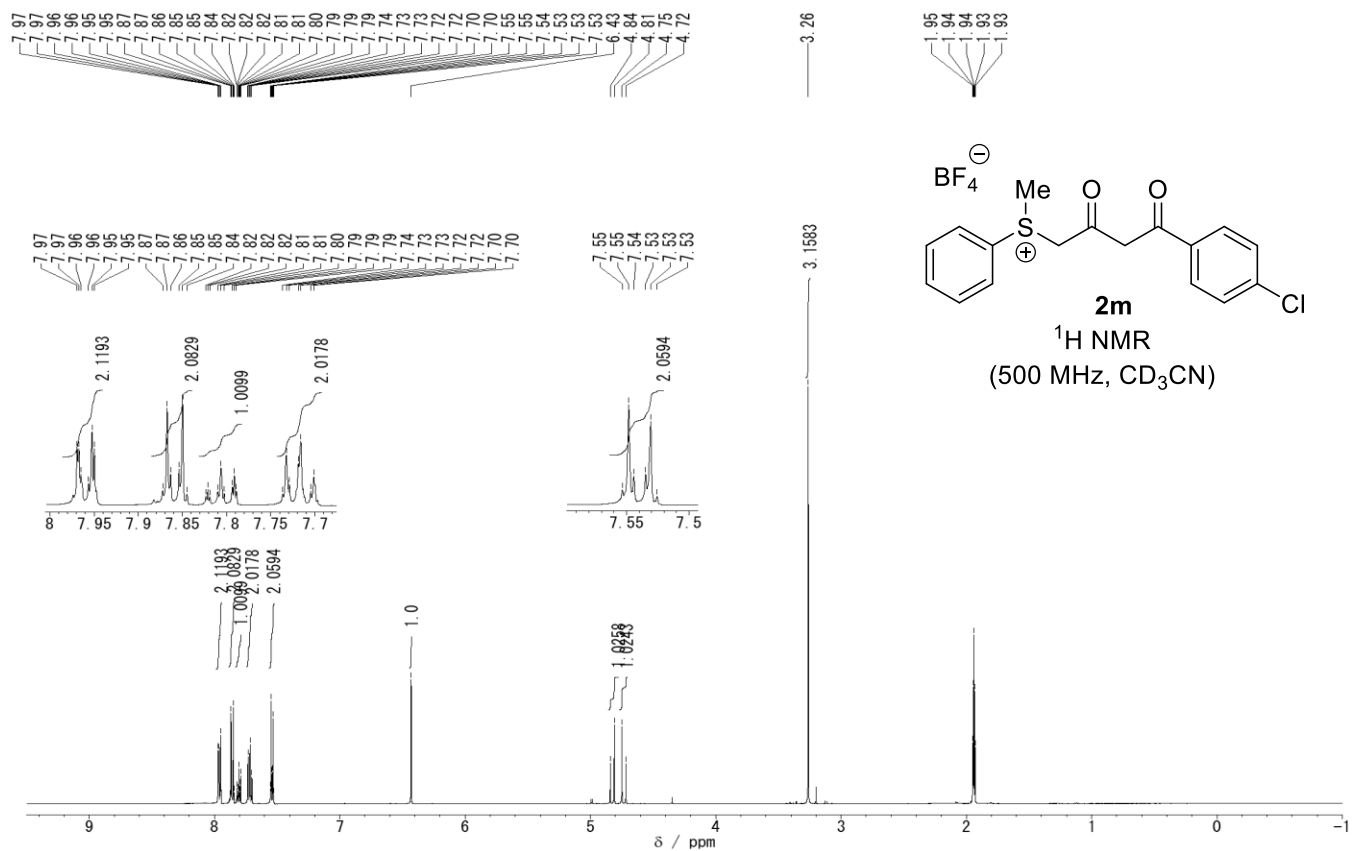


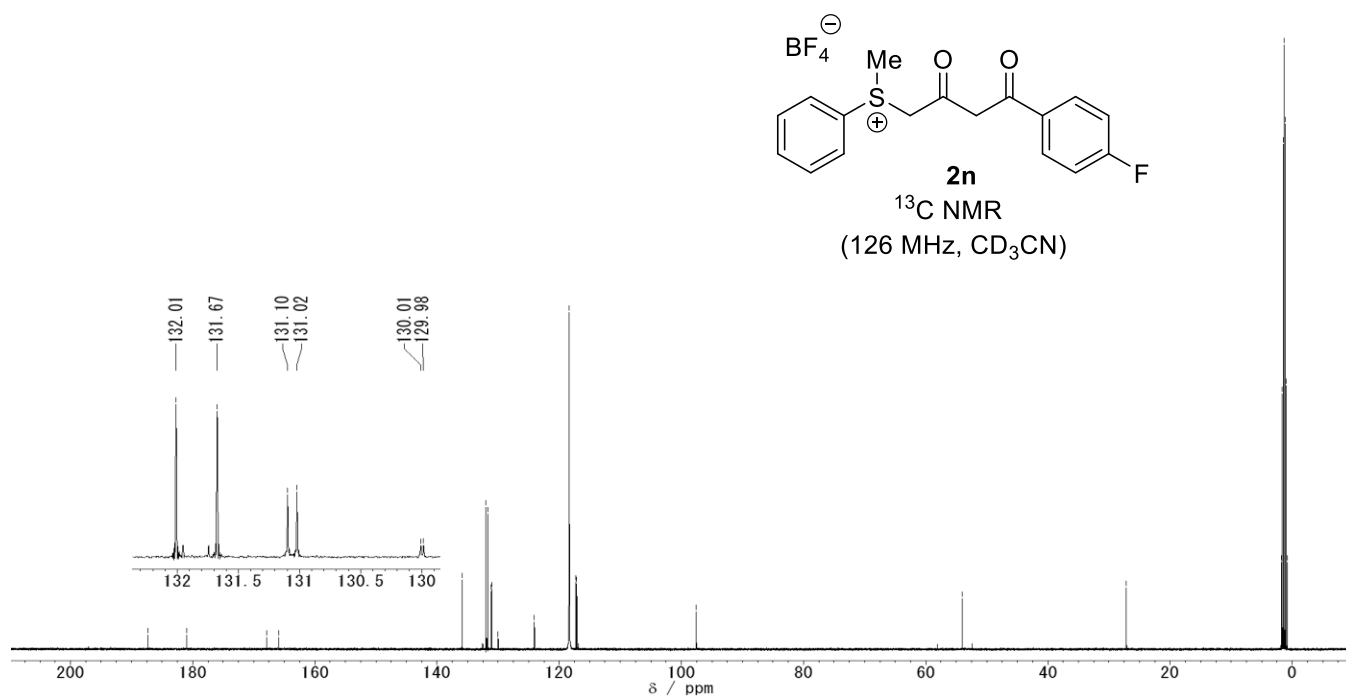
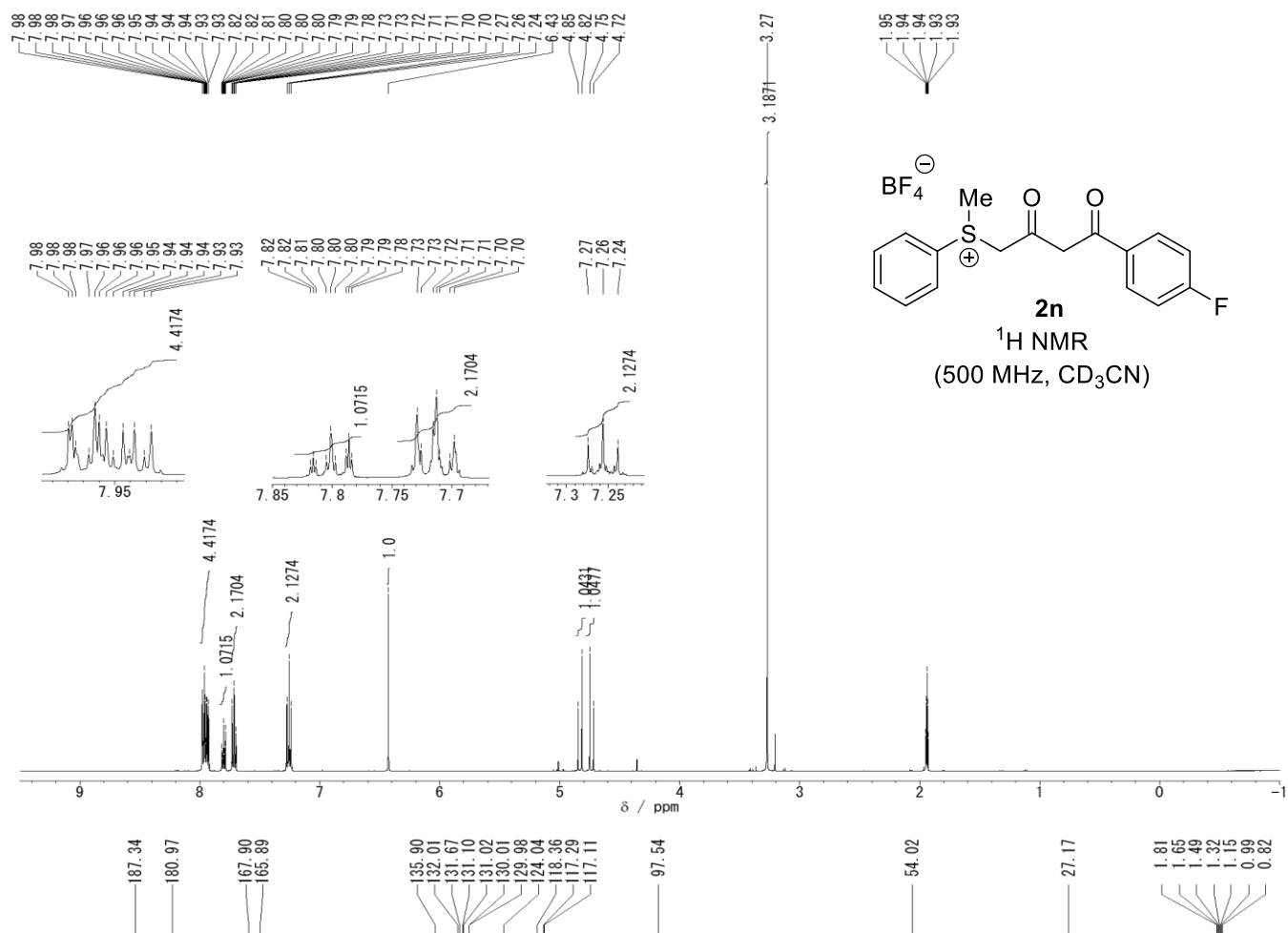


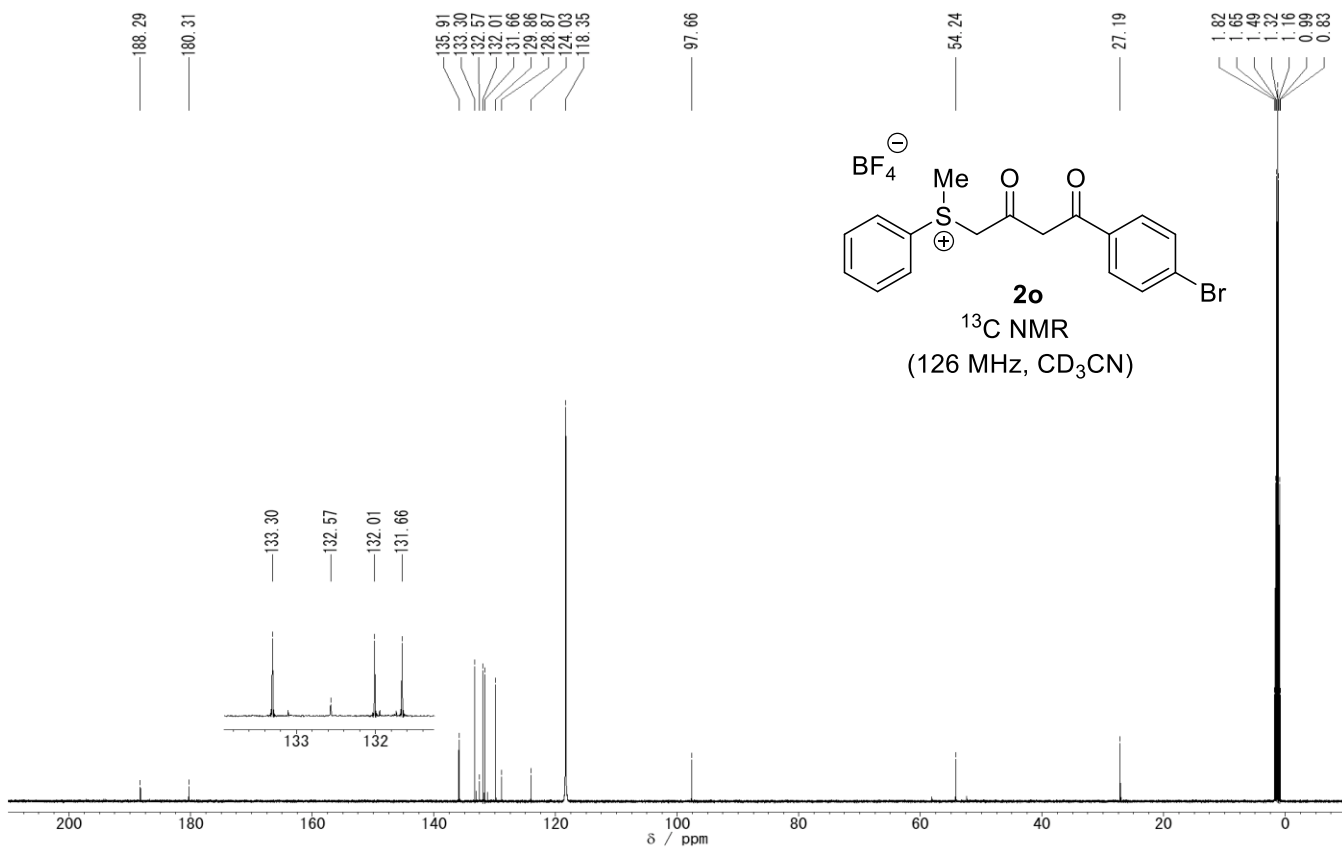
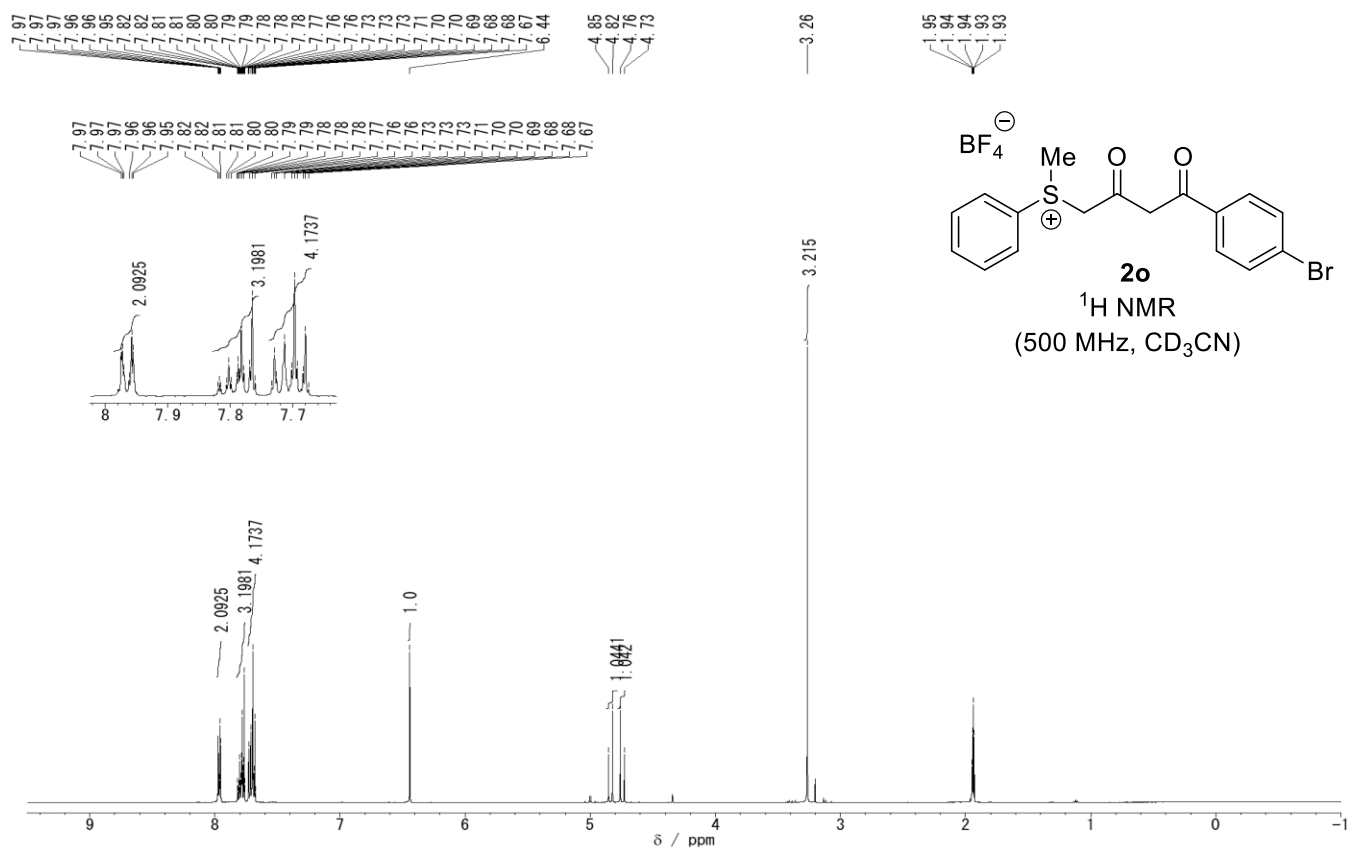


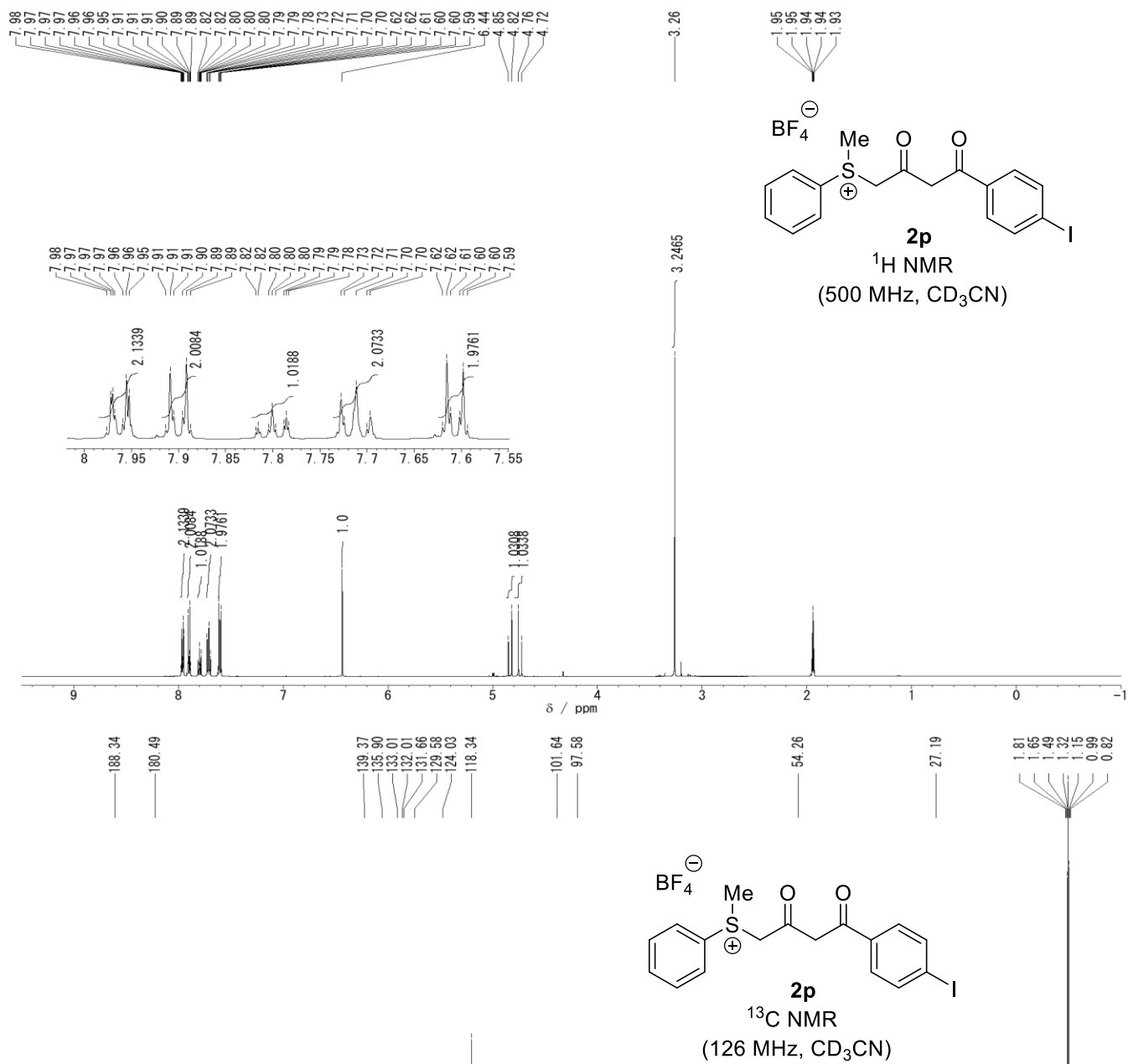


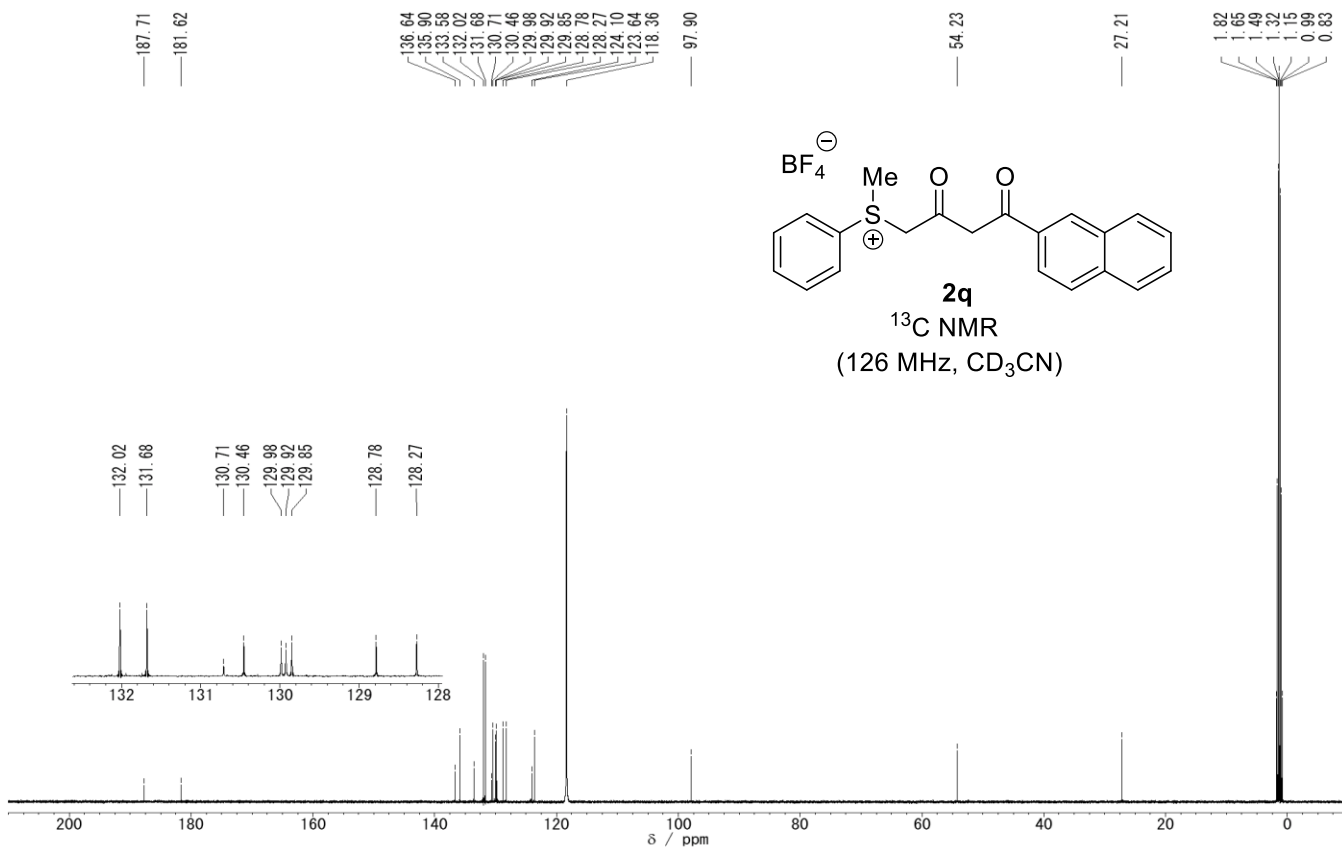
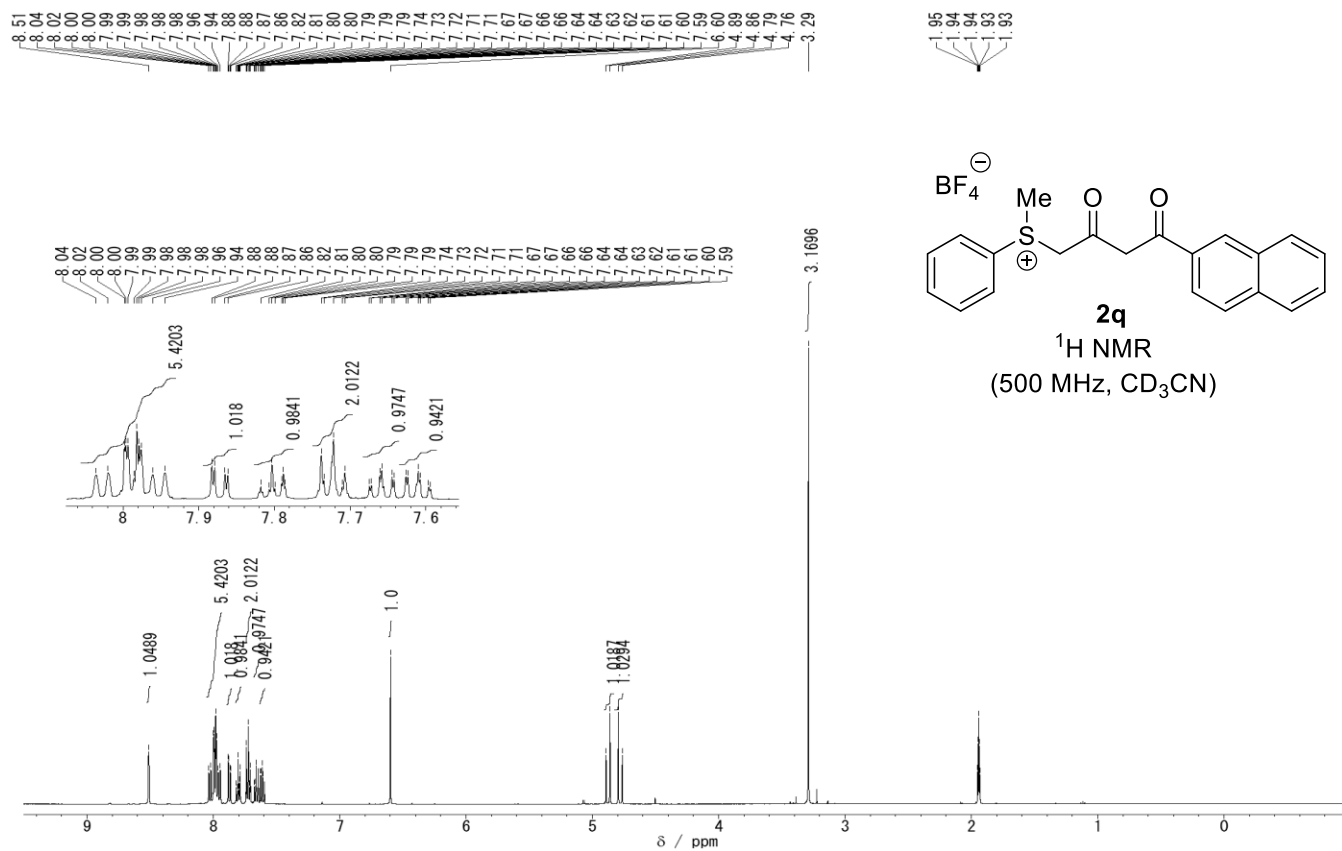


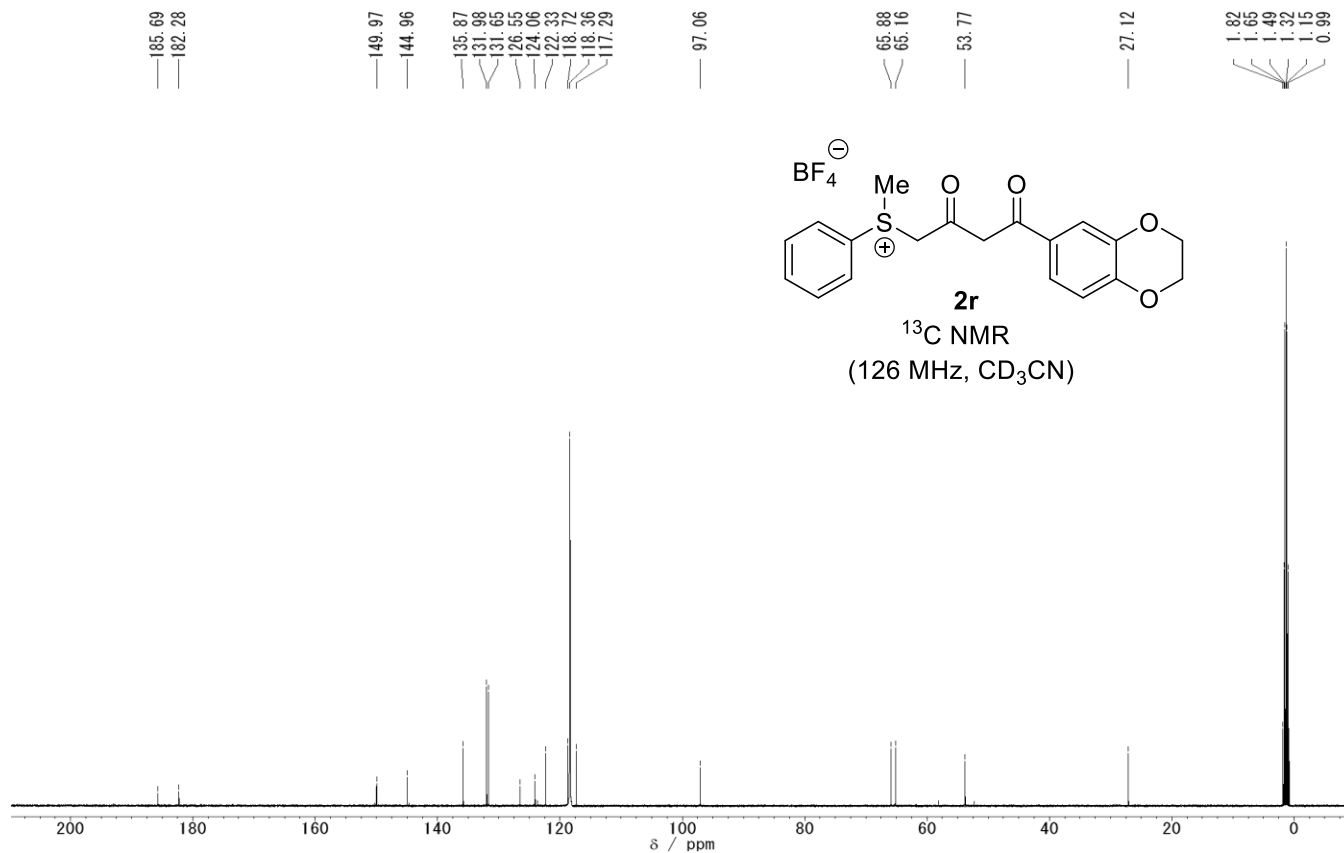
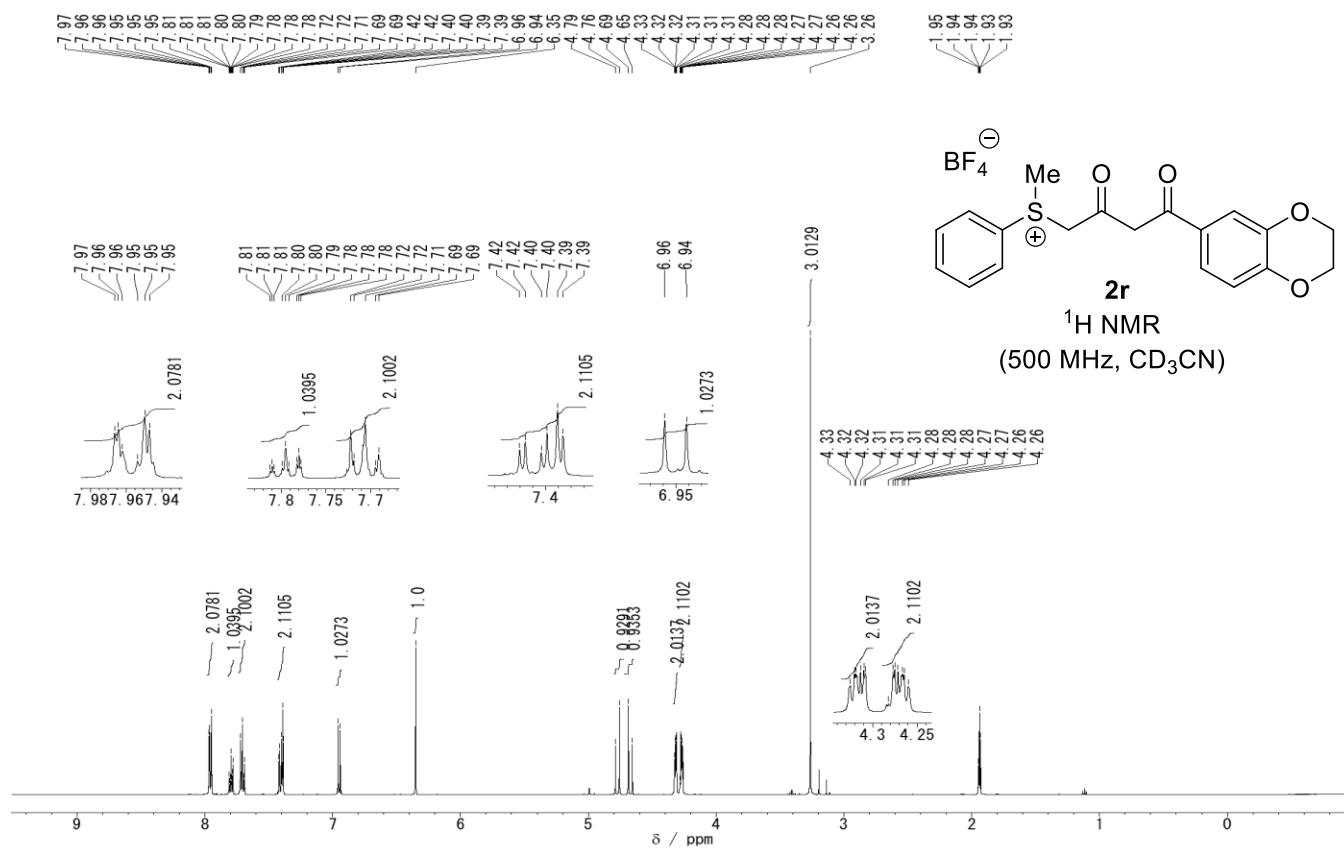


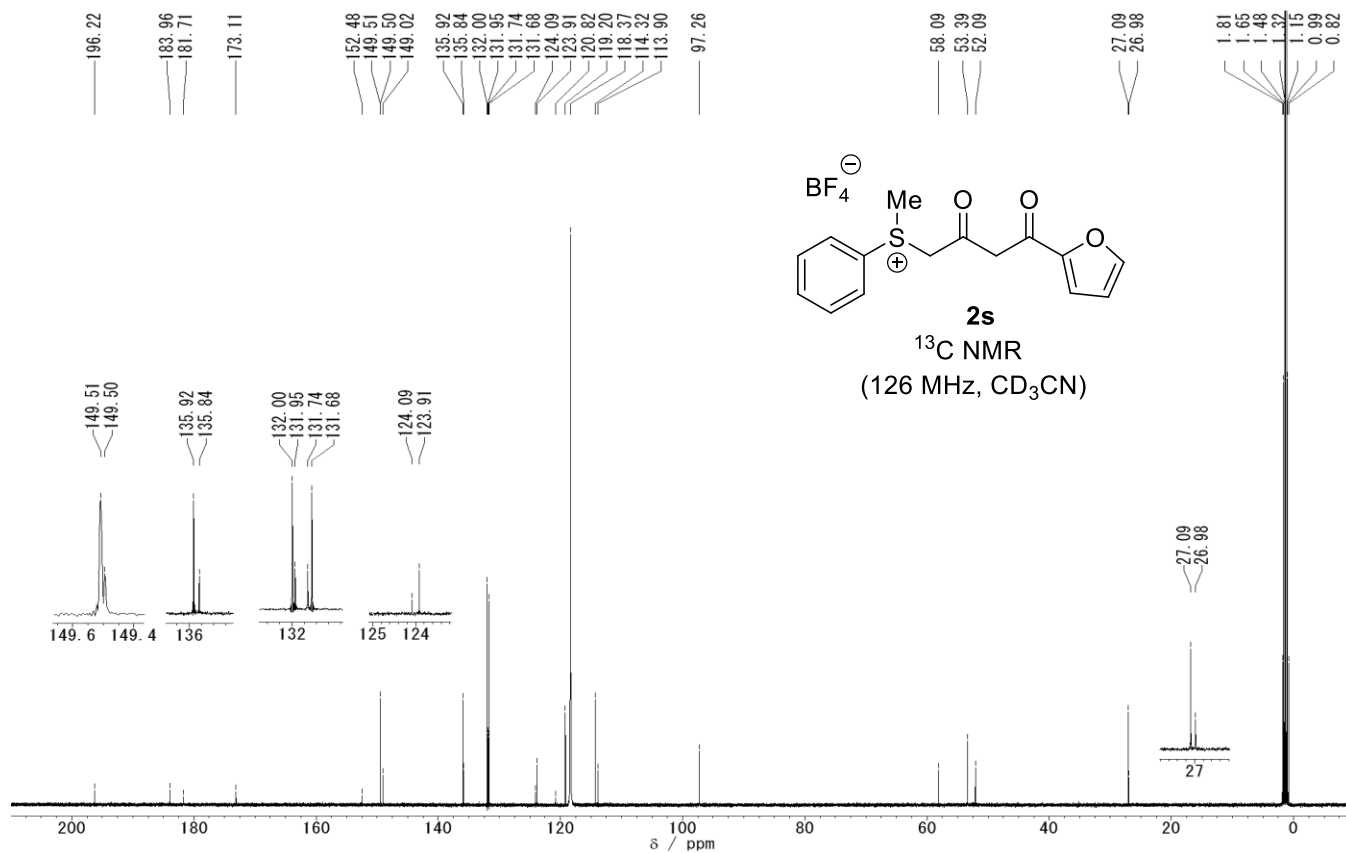
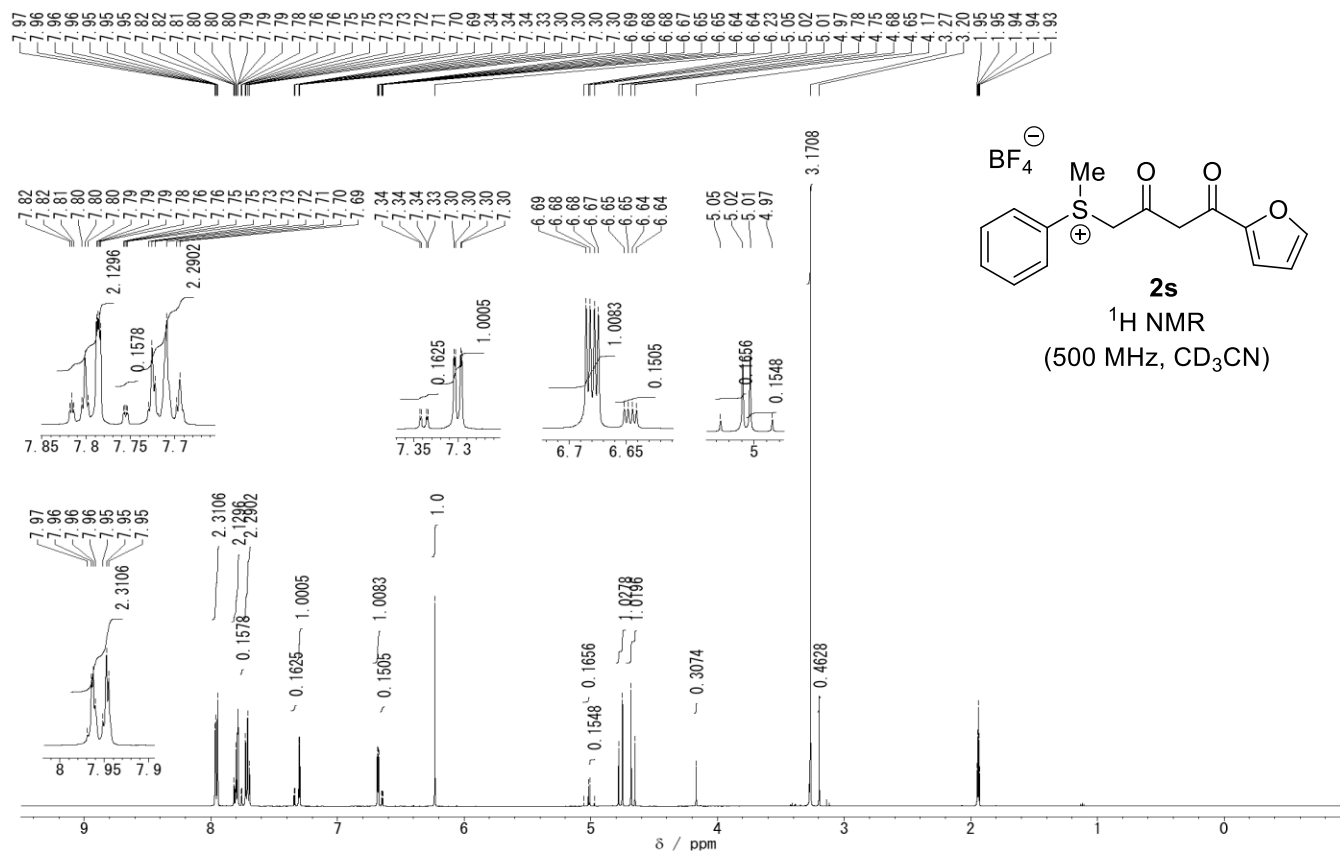


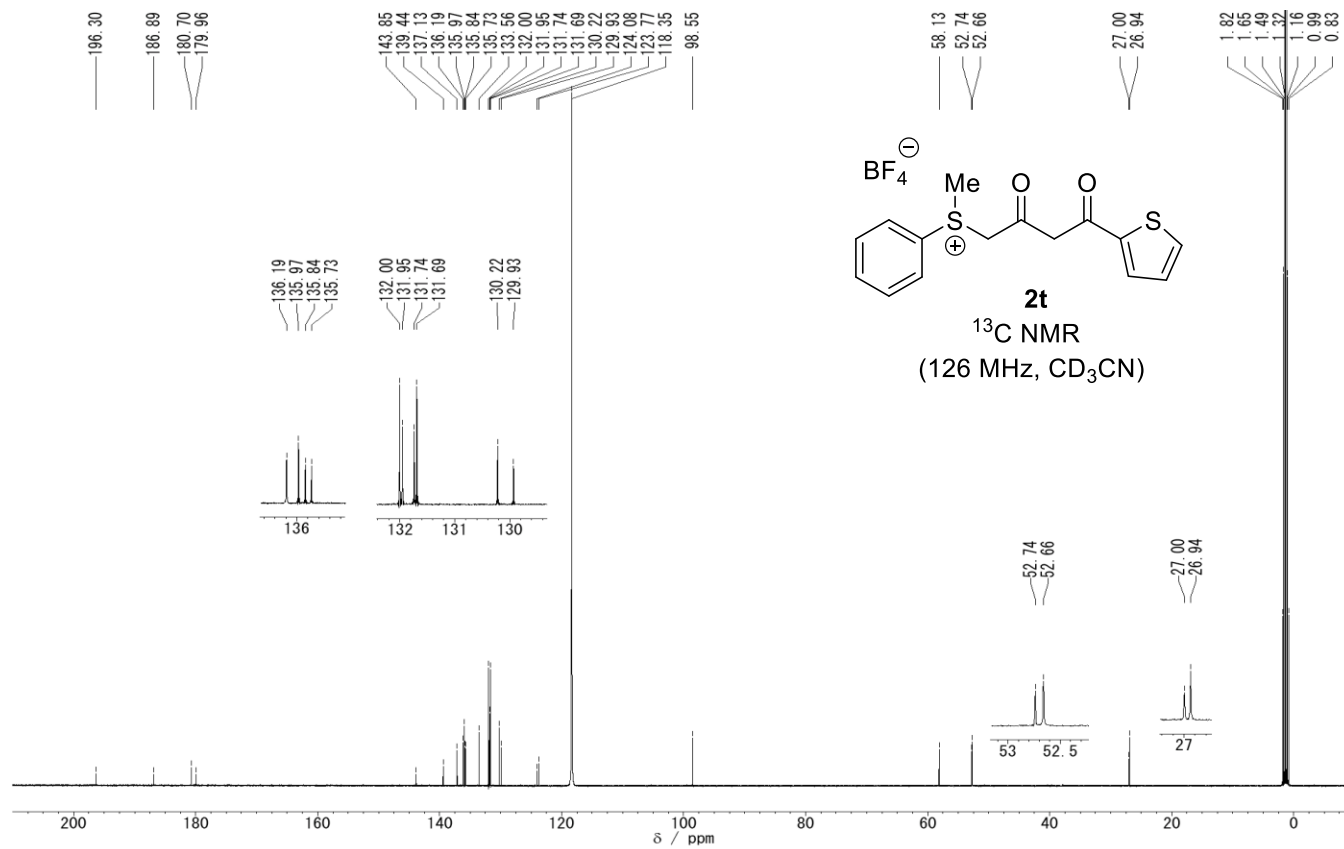
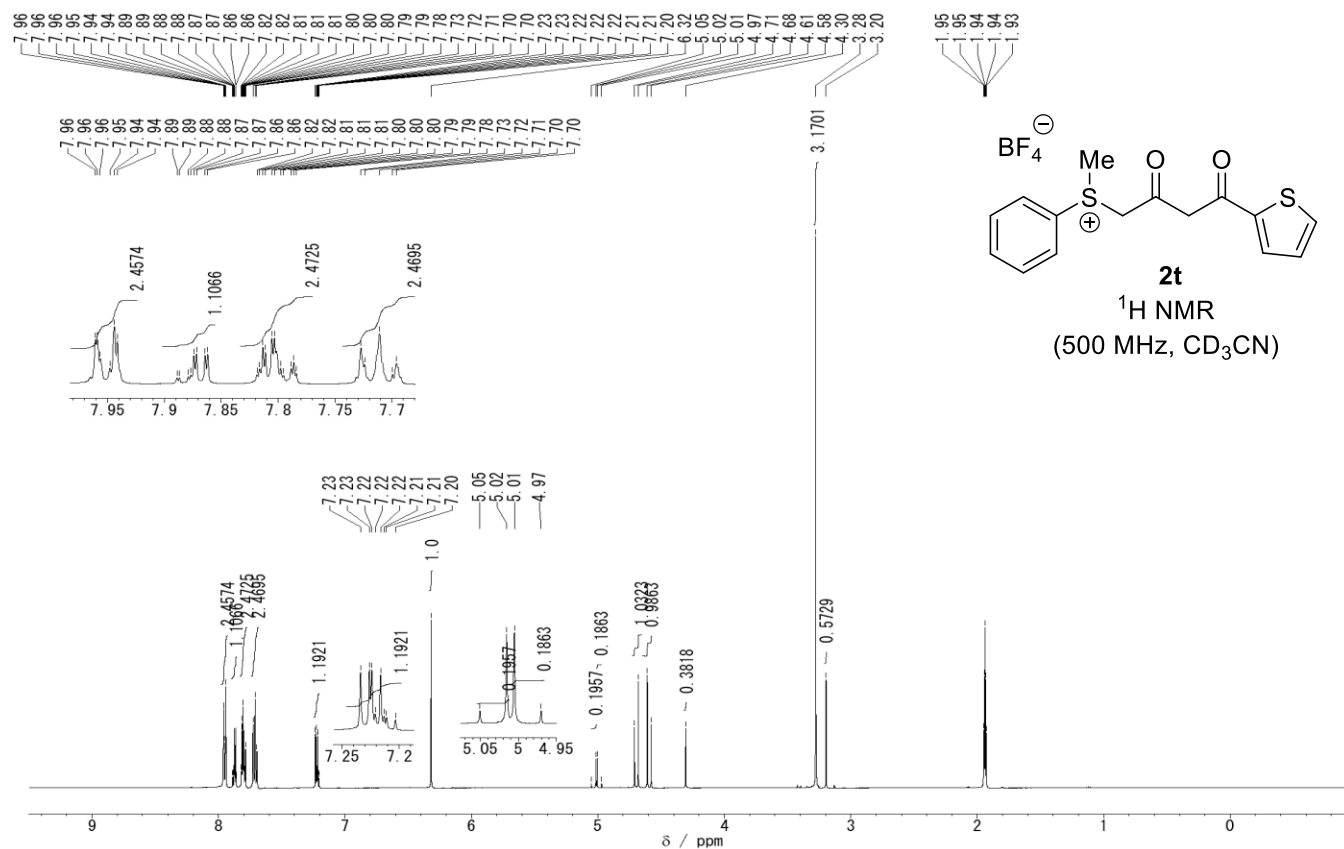


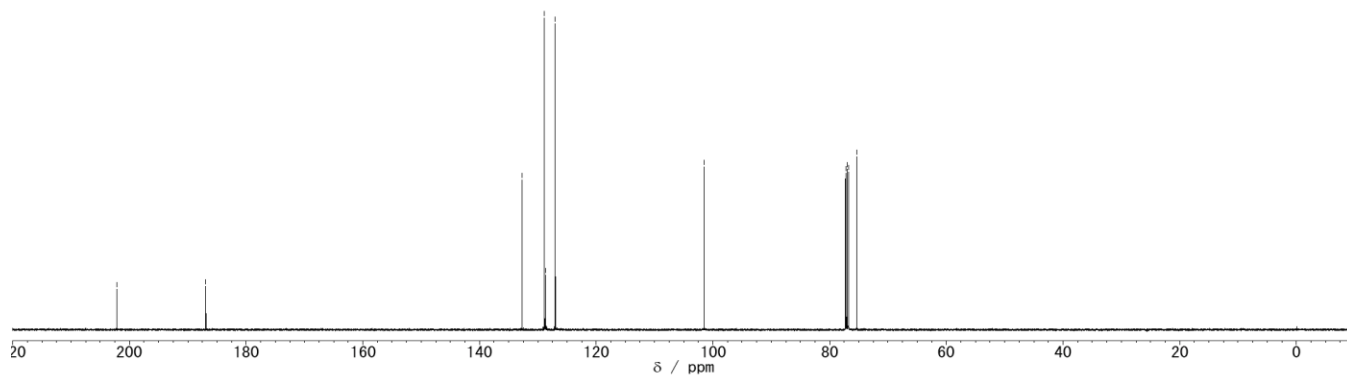
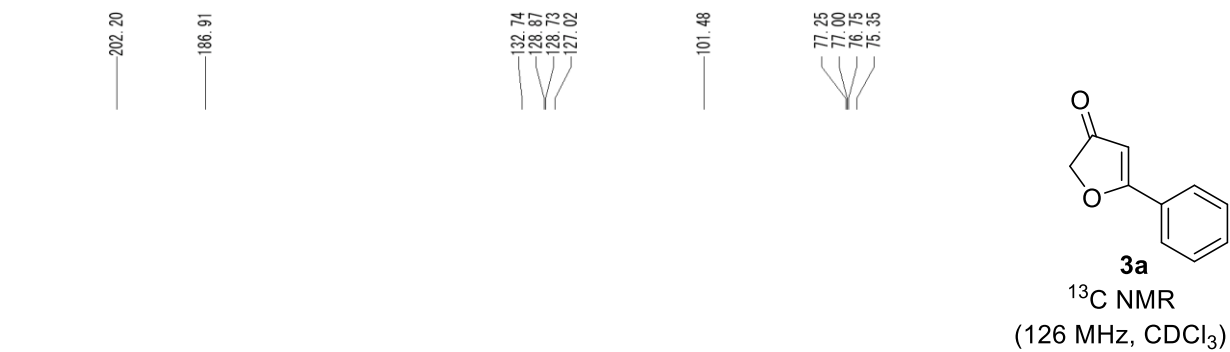
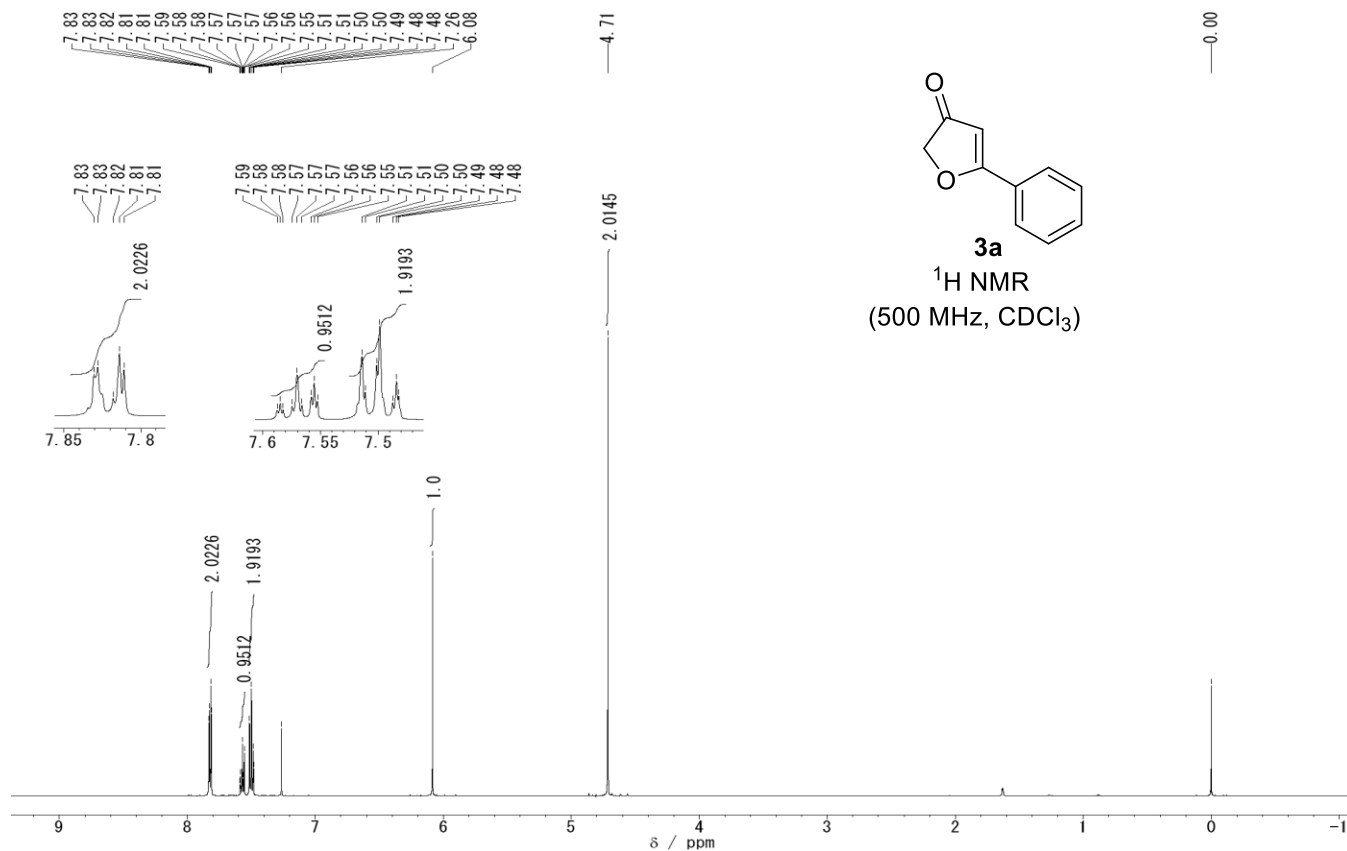


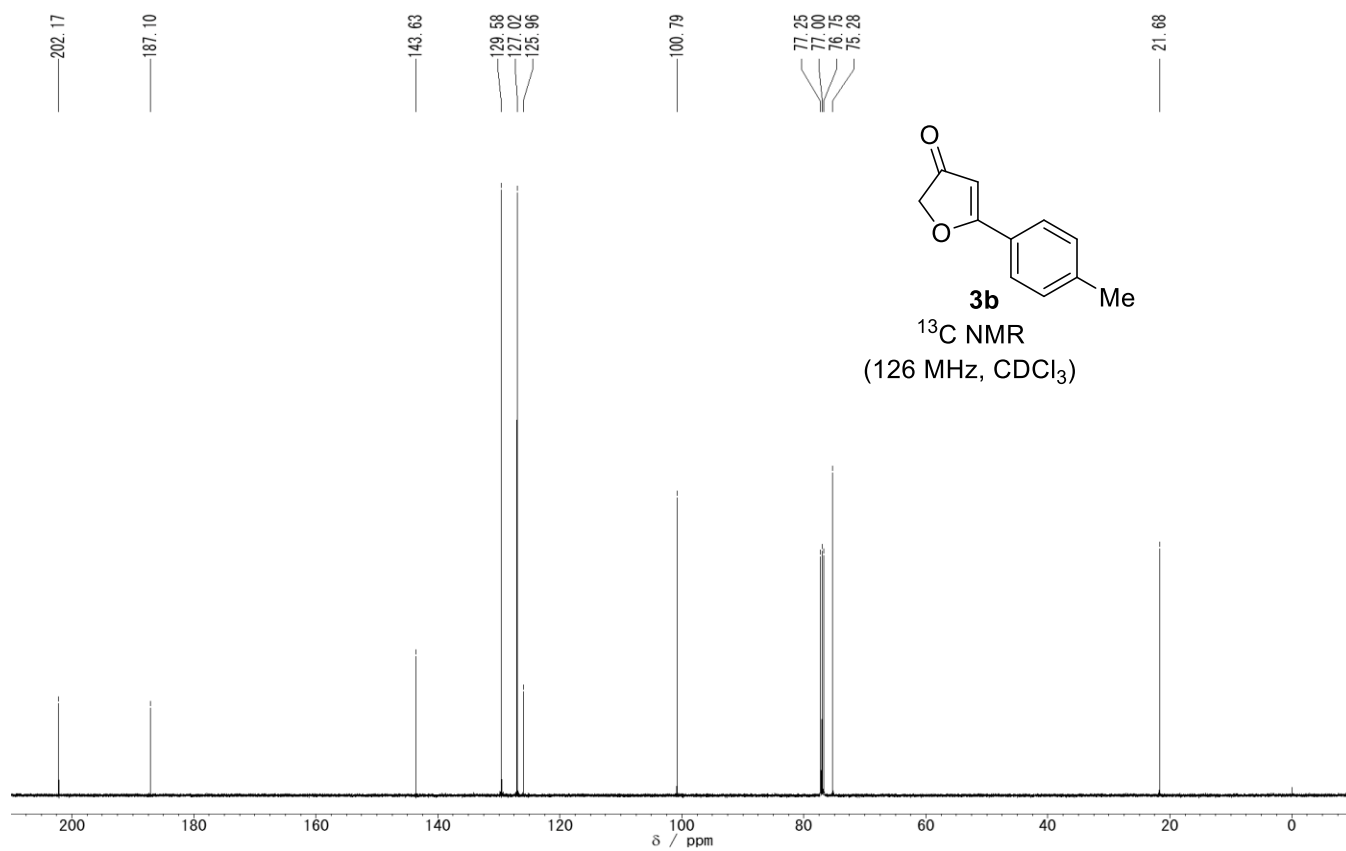
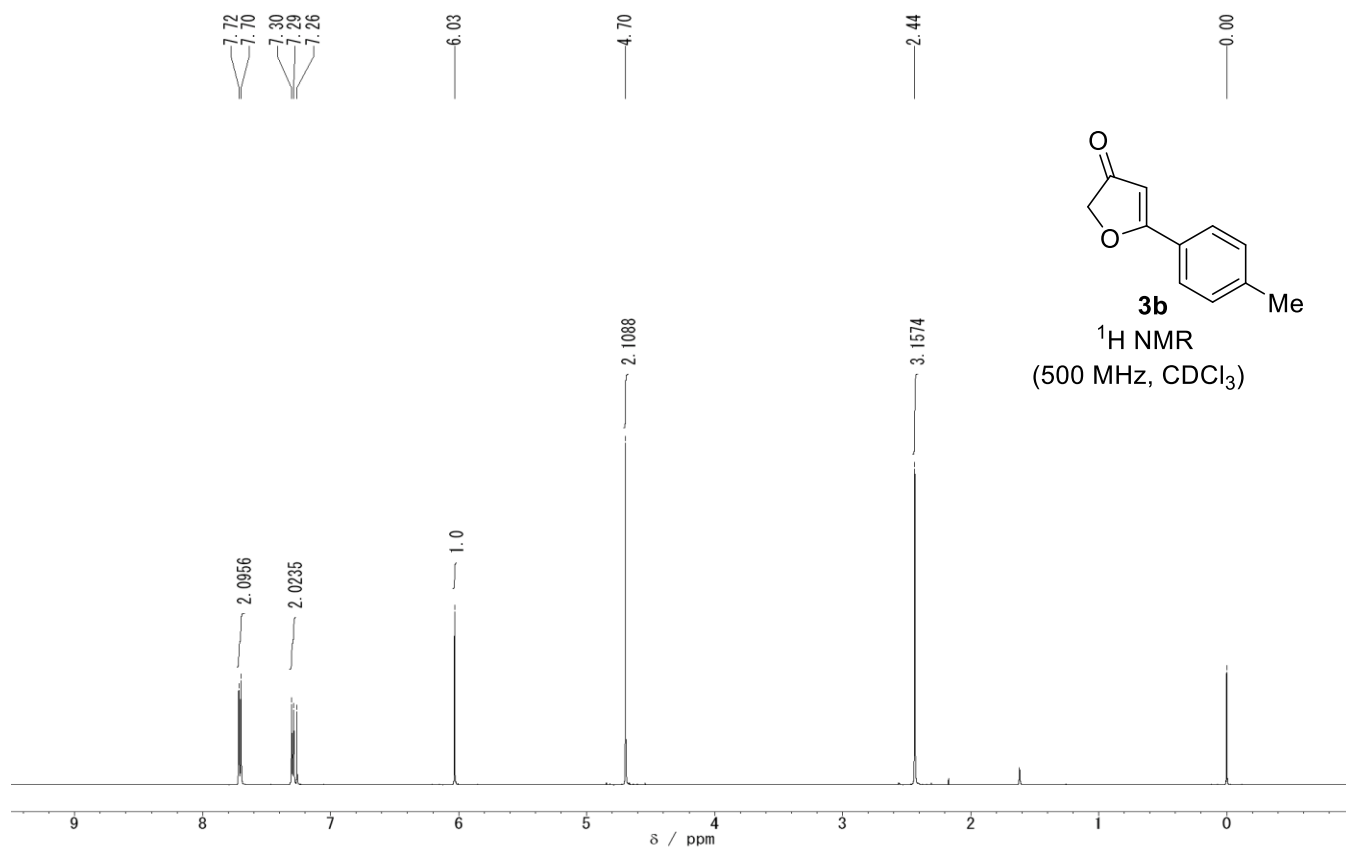


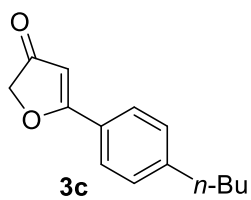




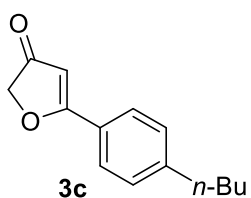
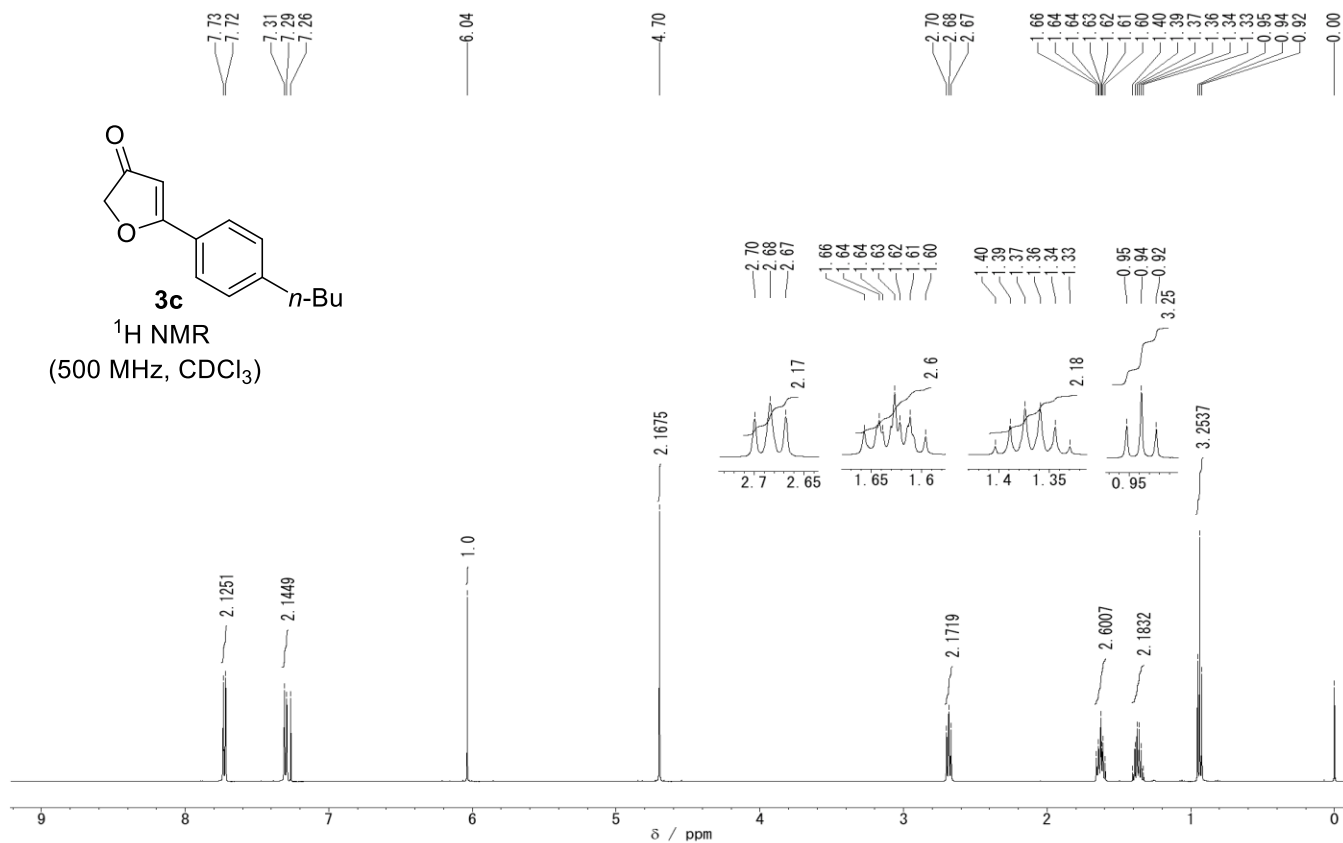








¹H NMR
(500 MHz, CDCl₃)



¹³C NMR
(126 MHz, CDCl₃)

