

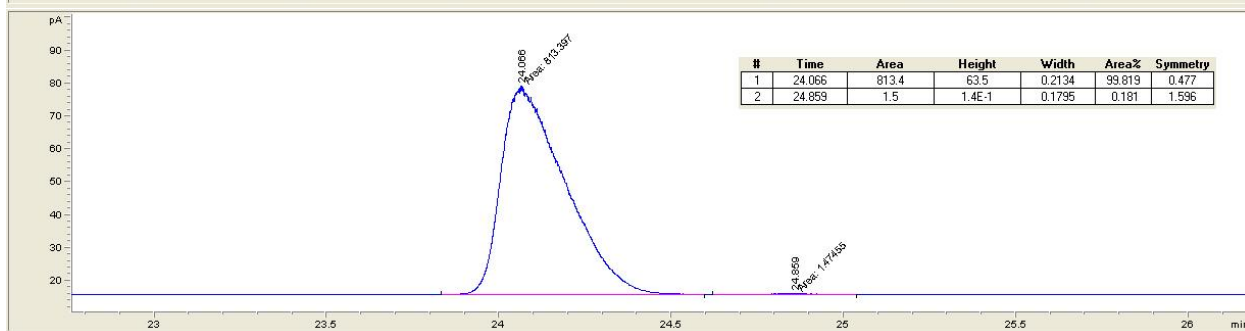
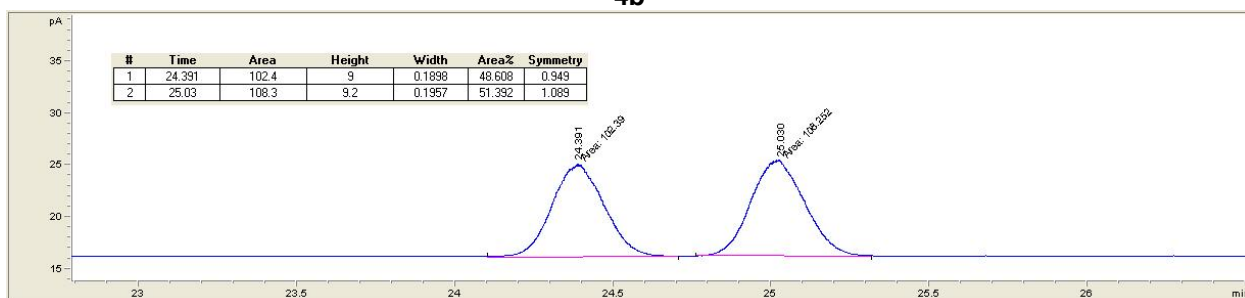
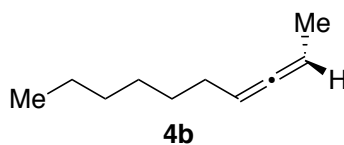
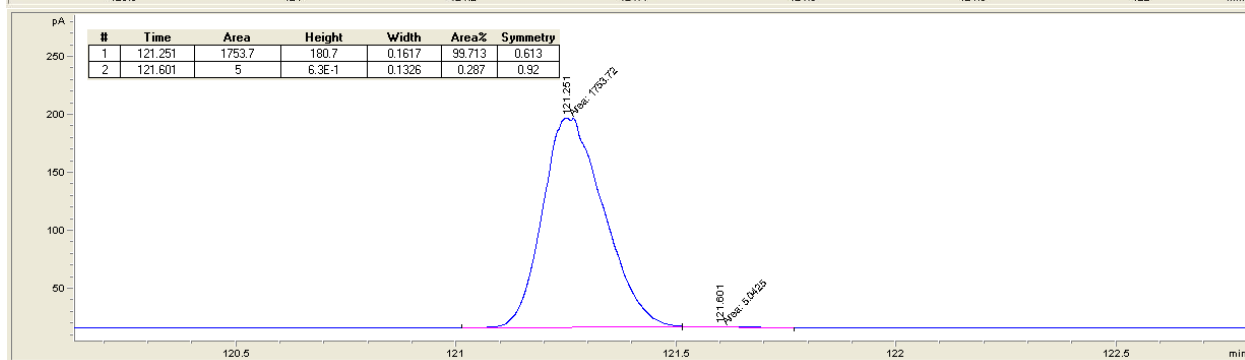
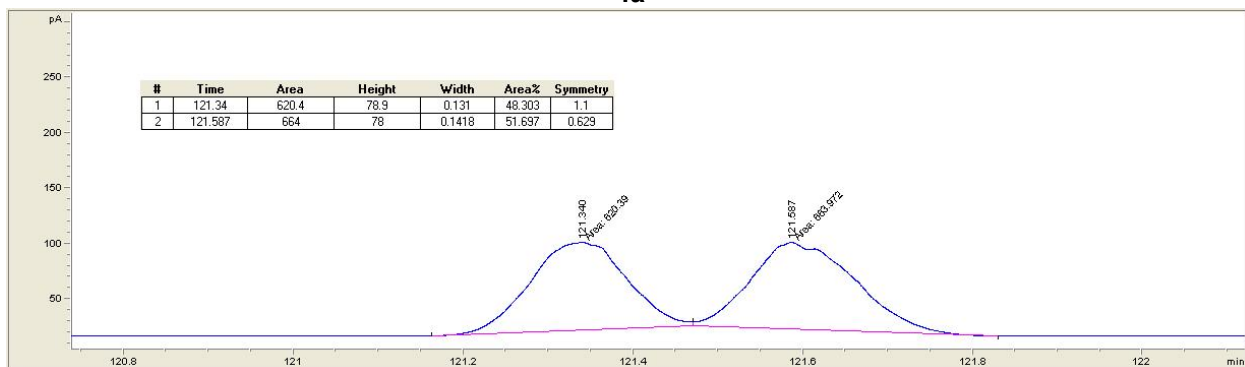
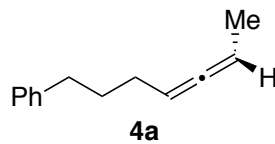
*Compiled HPLC, SFC and GC Data*

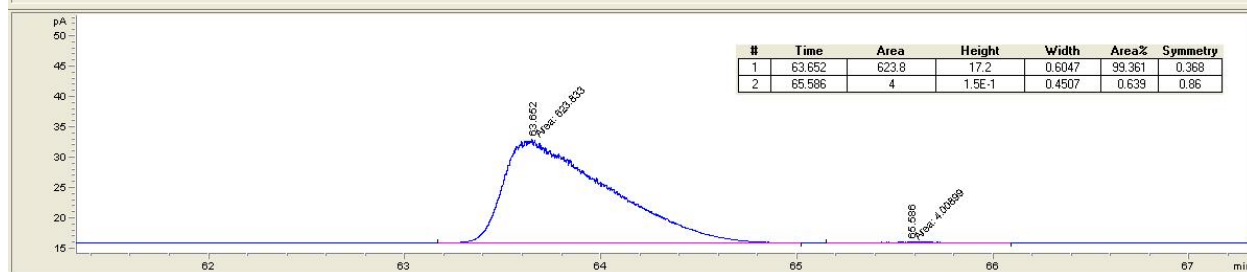
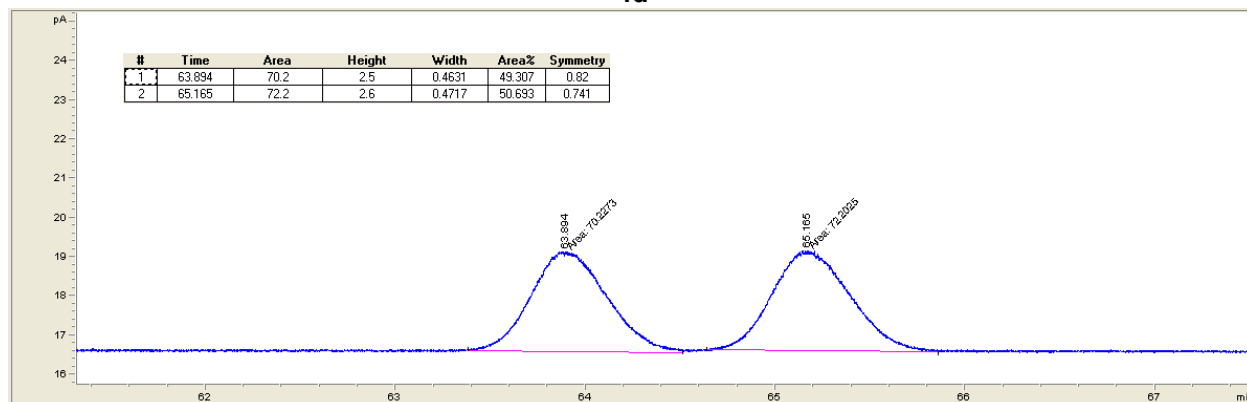
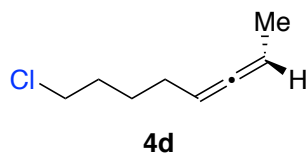
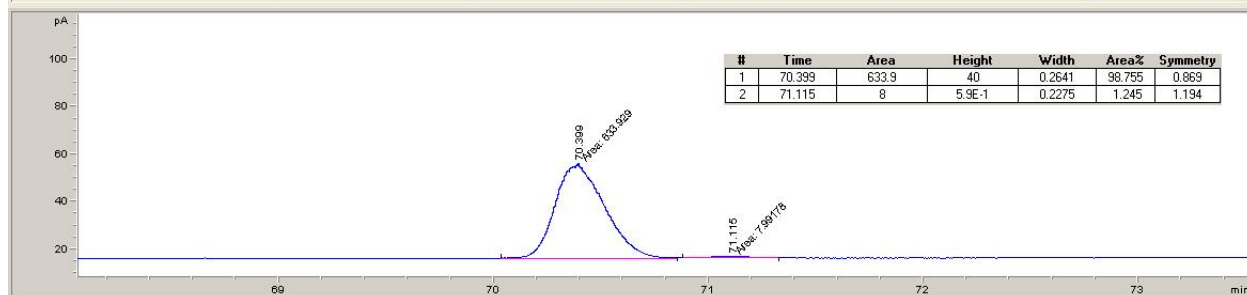
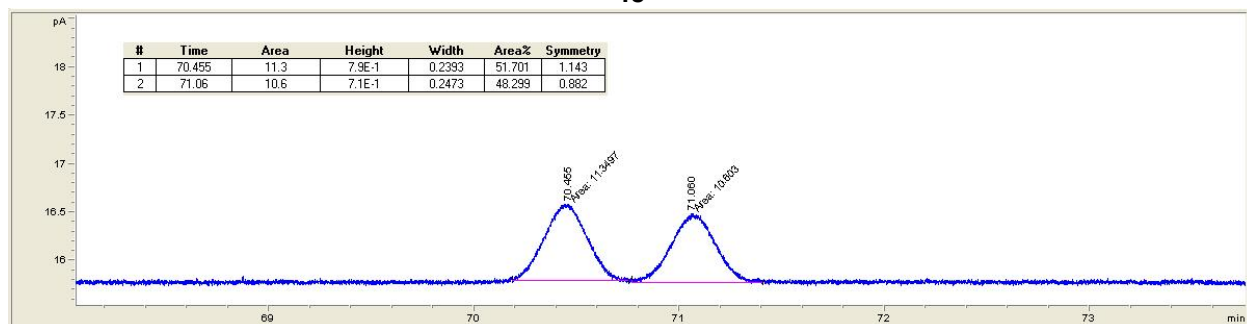
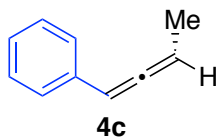
**Copper Hydride-Catalyzed Enantioselective Synthesis of Axially  
Chiral 1,3-Disubstituted Allenes**

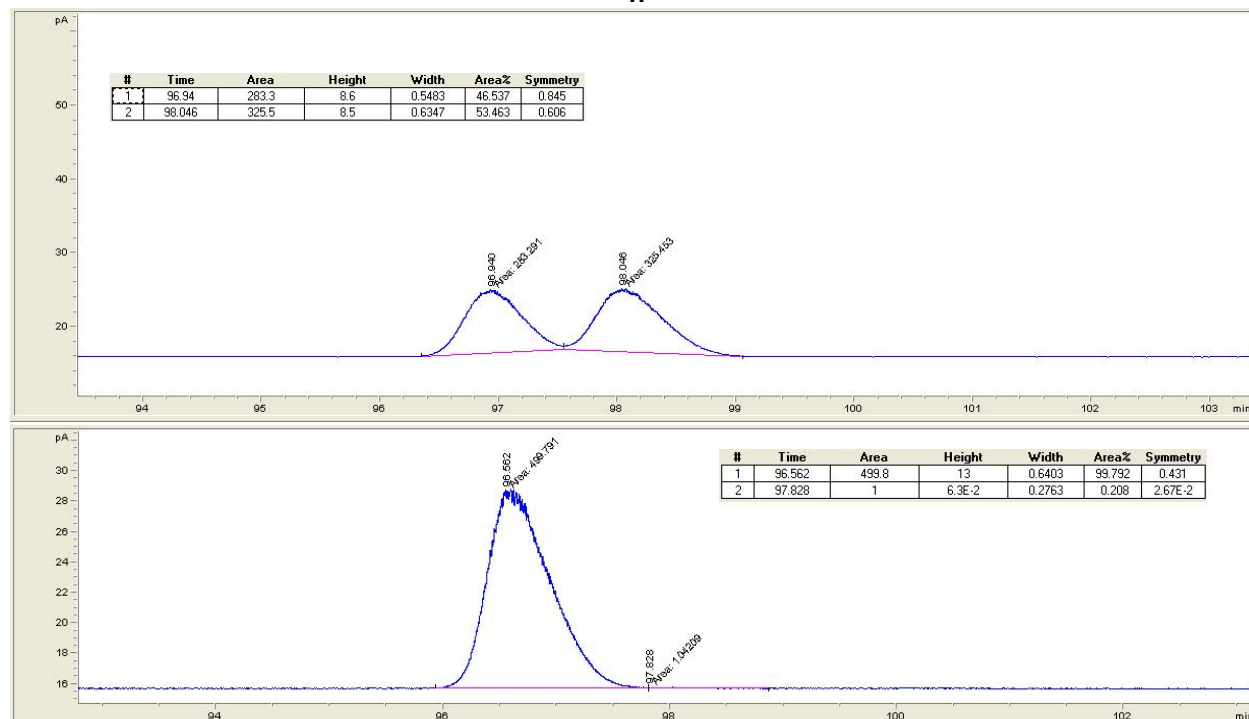
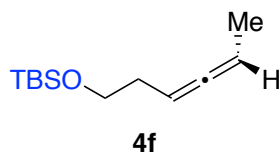
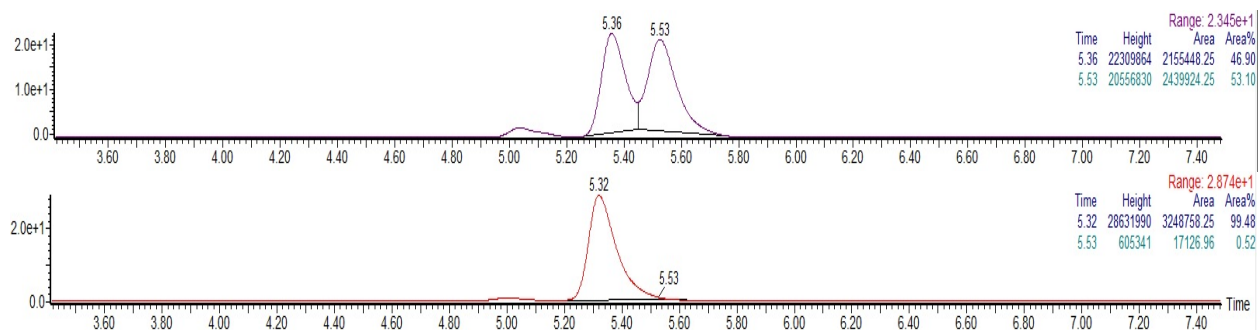
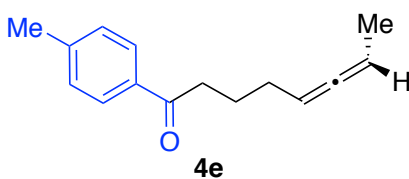
**Liela Bayeh-Romero and Stephen L. Buchwald\***

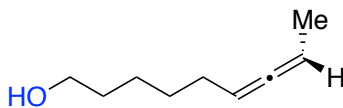
Department of Chemistry, Massachusetts Institute of Technology, Cambridge, Massachusetts  
02139, United States

\*Correspondence to: [sbuchwal@mit.edu](mailto:sbuchwal@mit.edu)

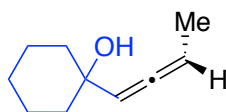
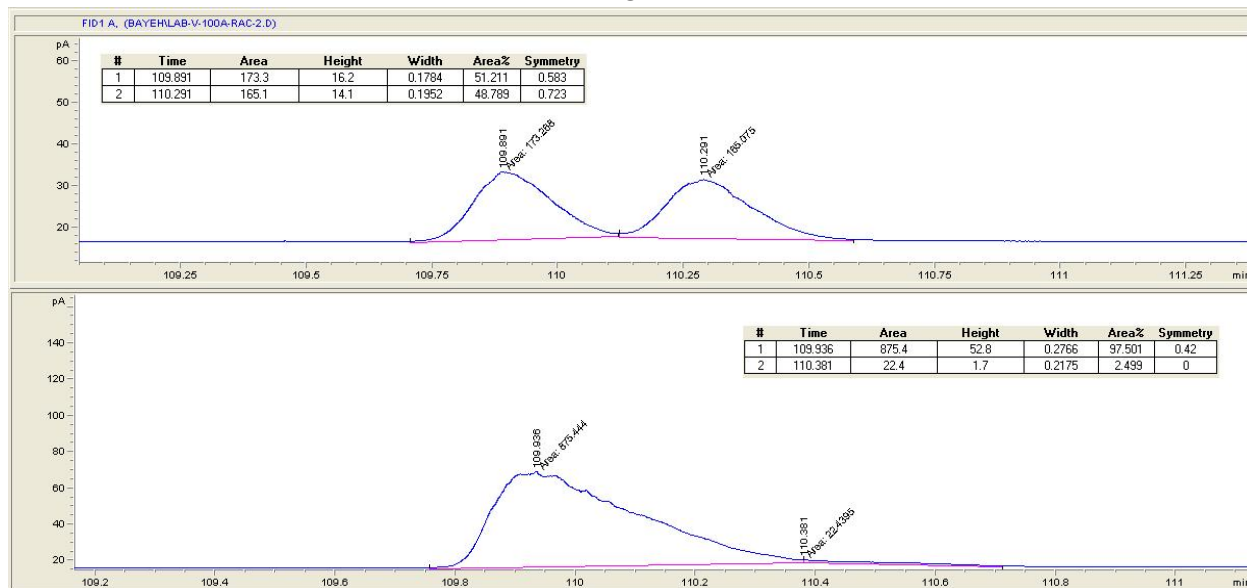




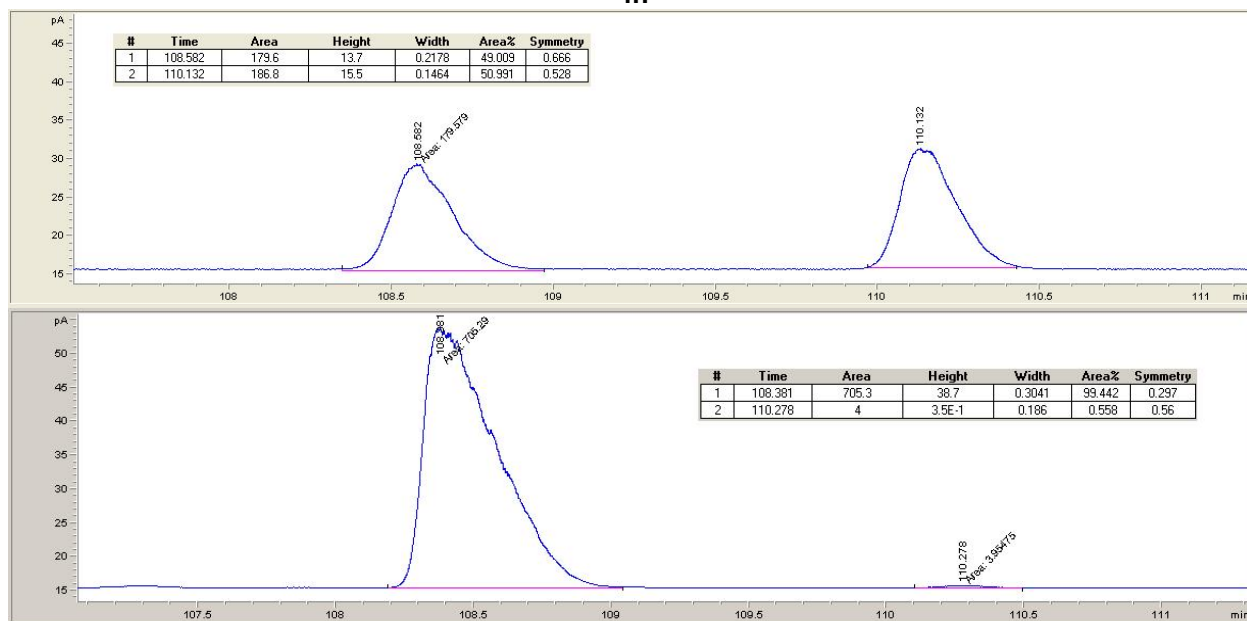


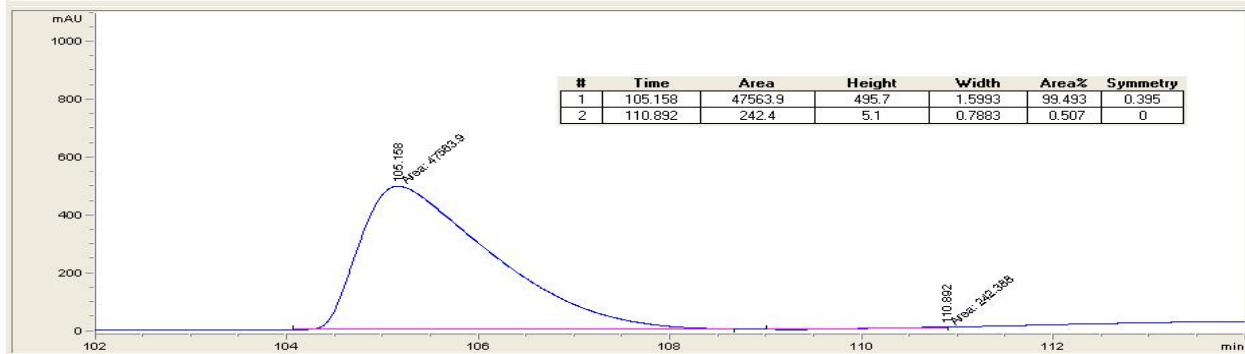
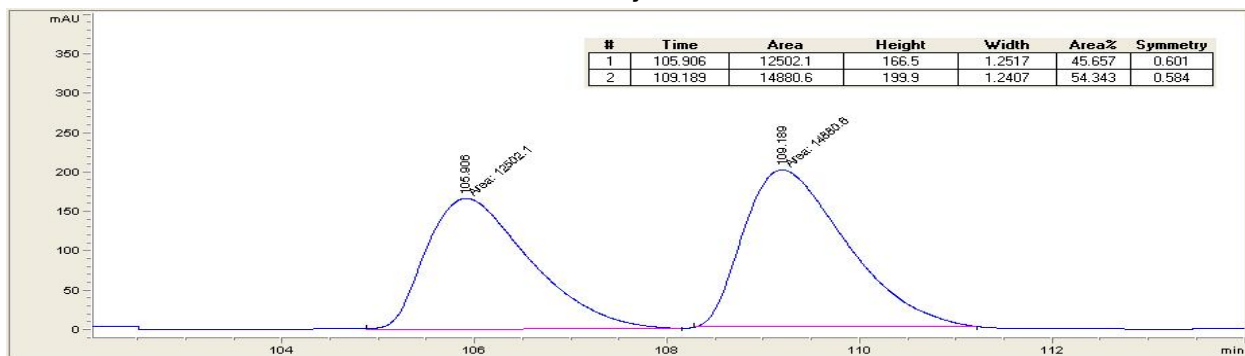
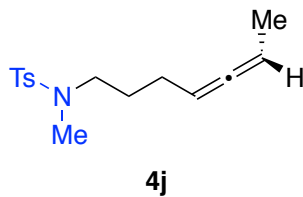
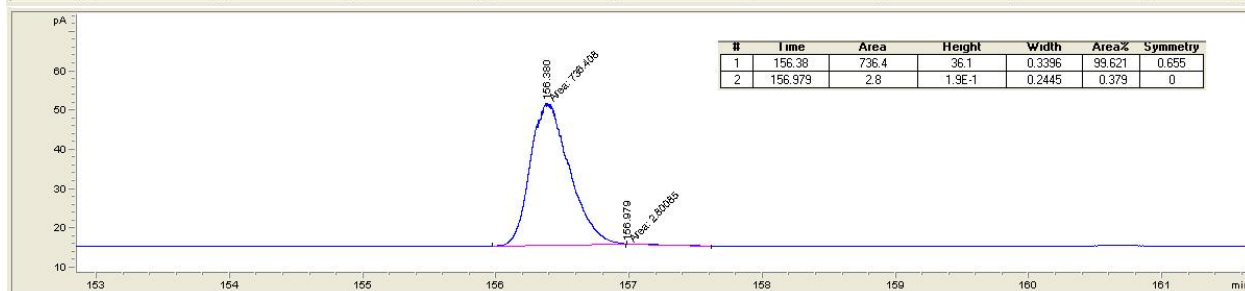
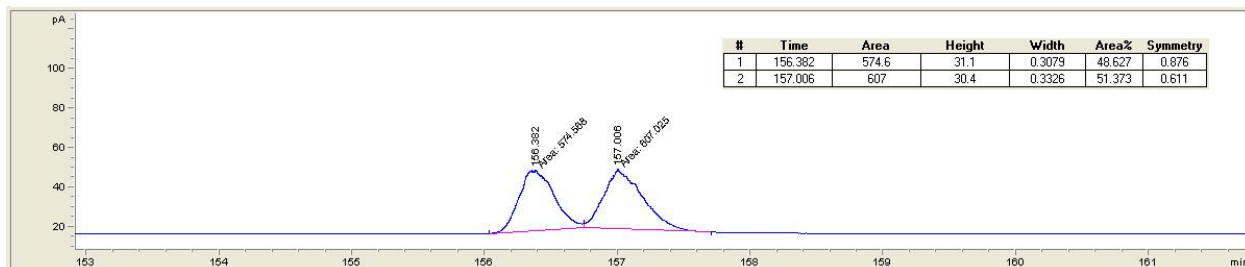
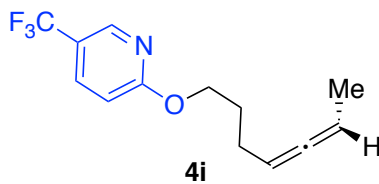


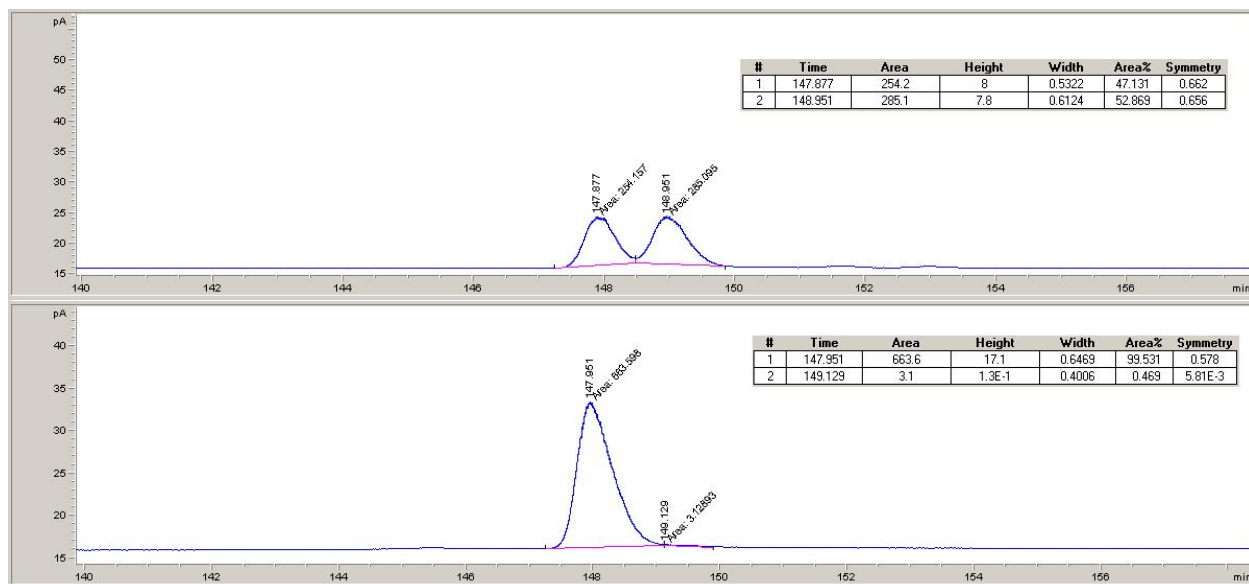
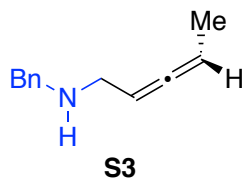
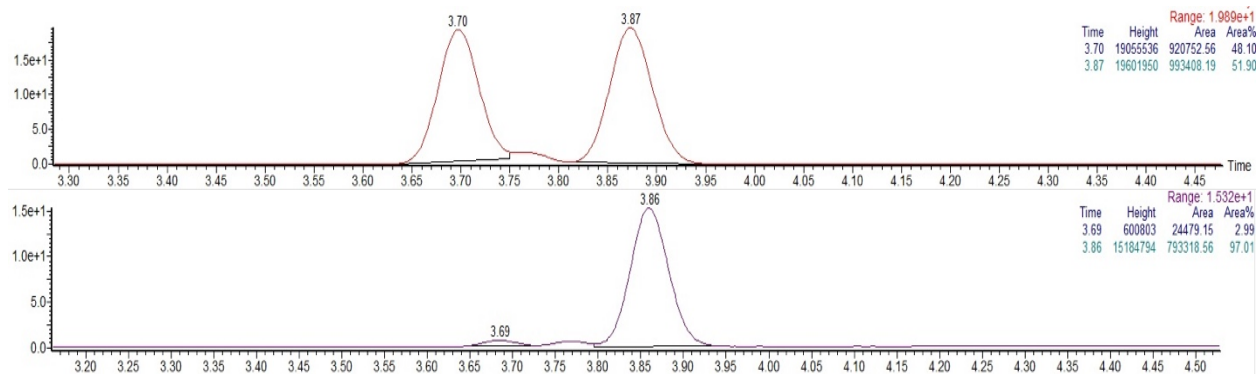
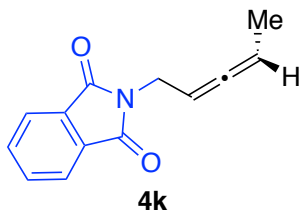
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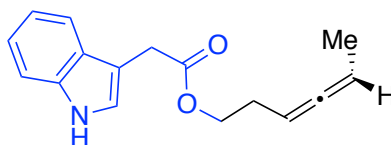
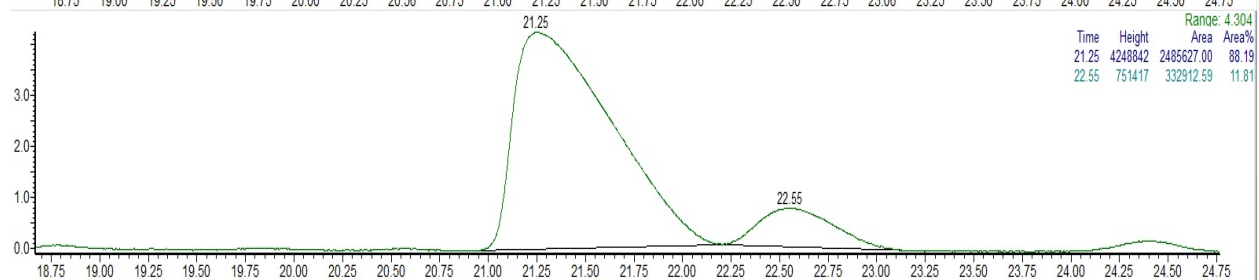
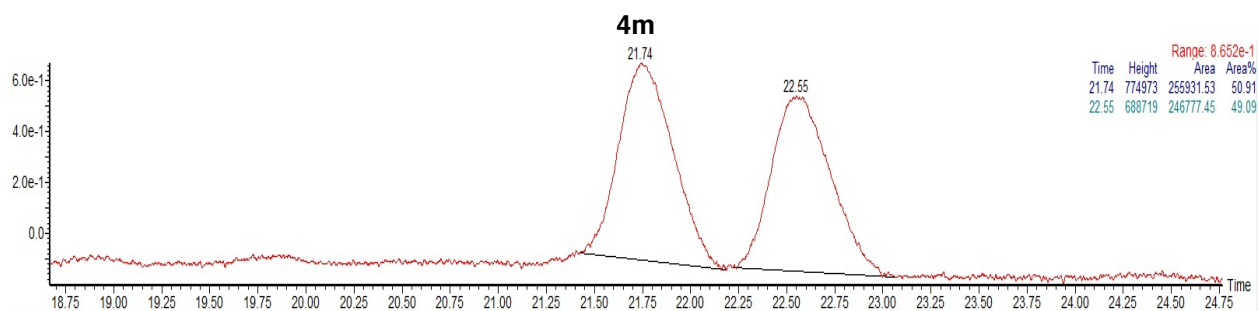
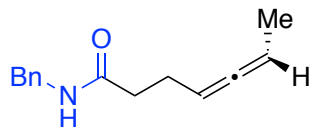
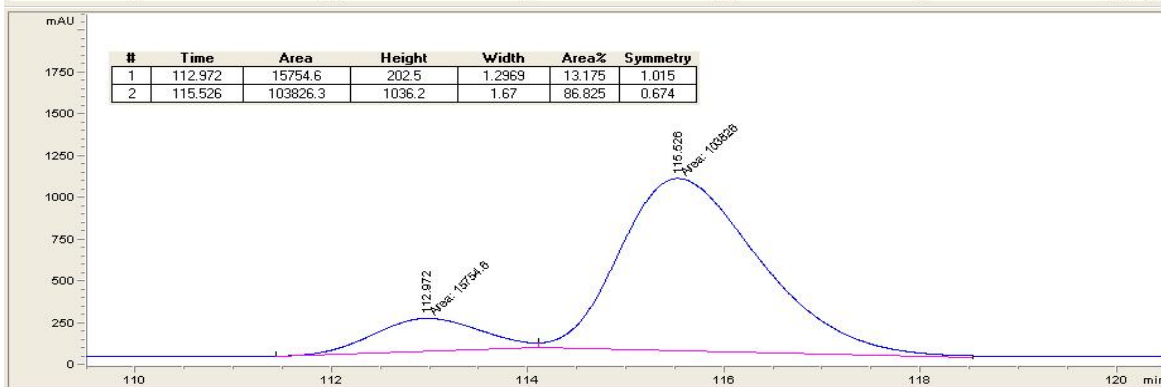
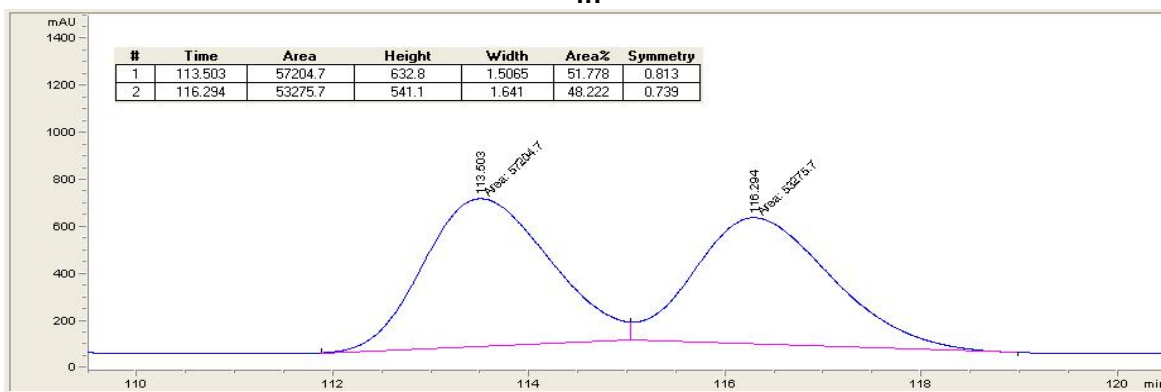


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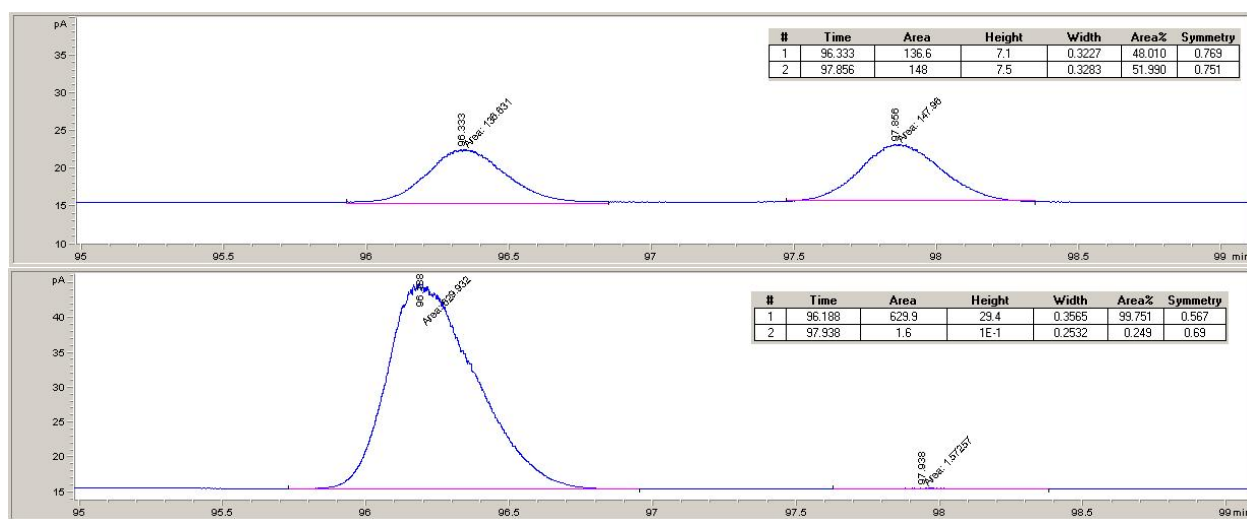
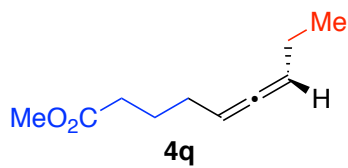
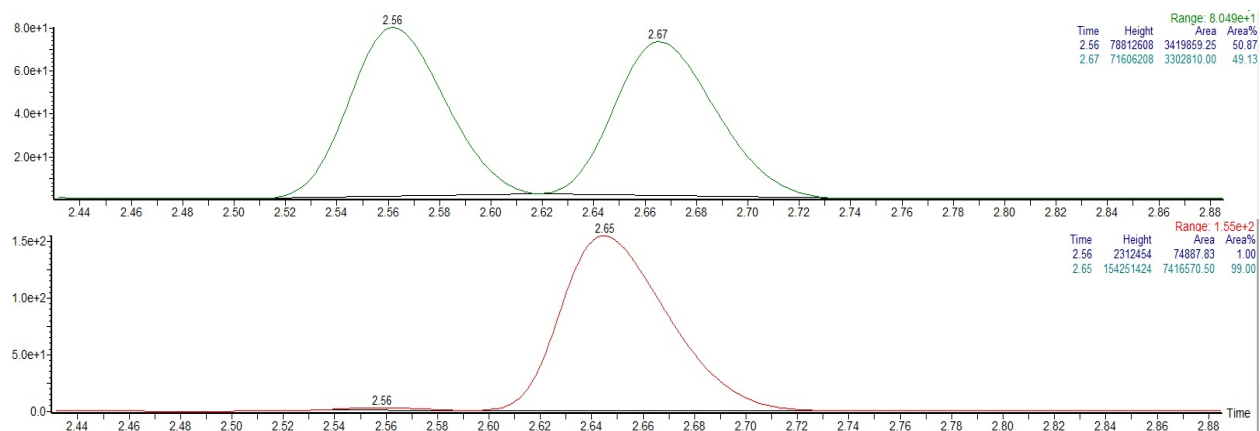
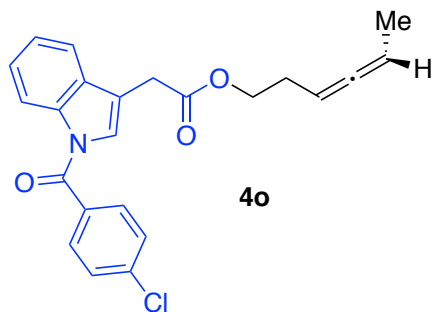


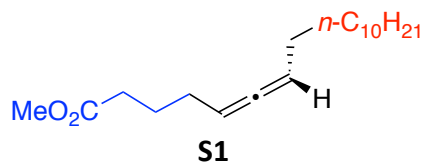
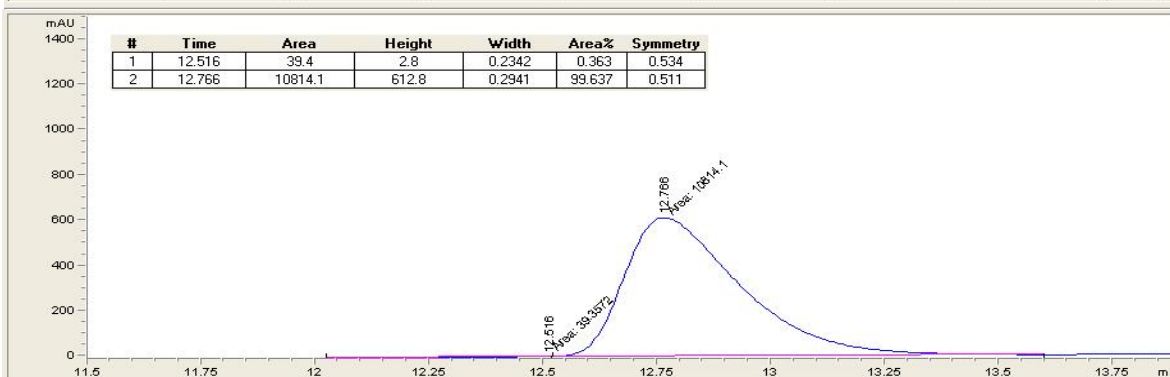
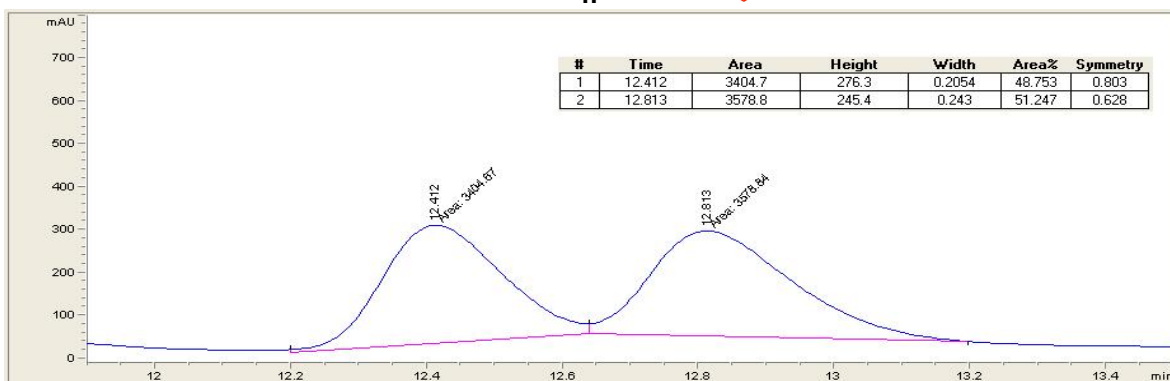
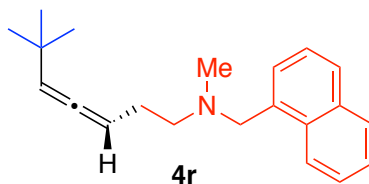




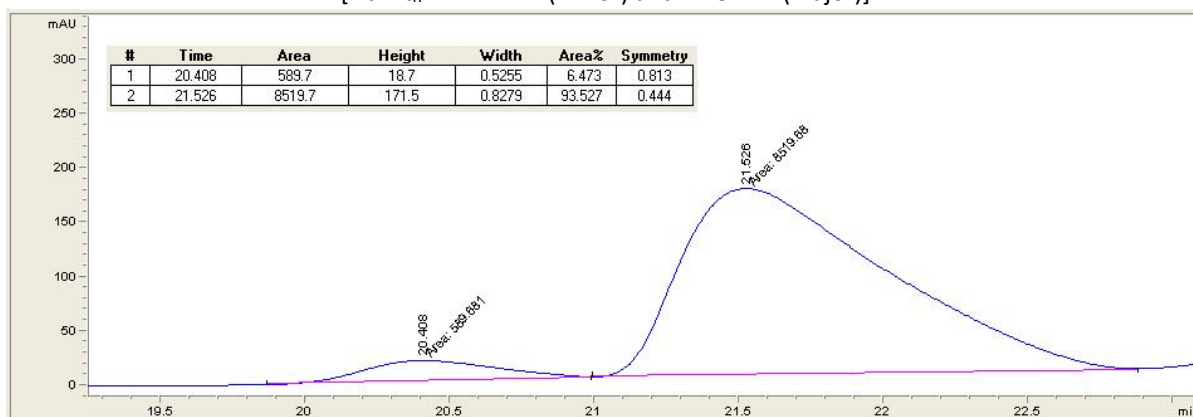
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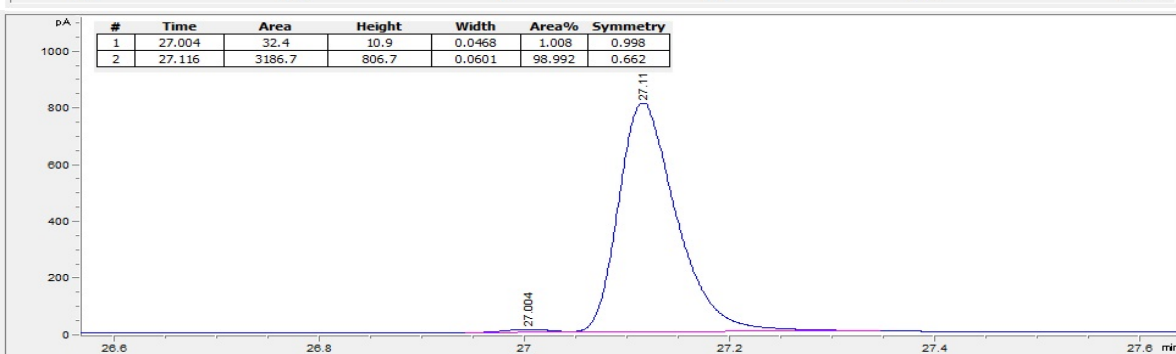
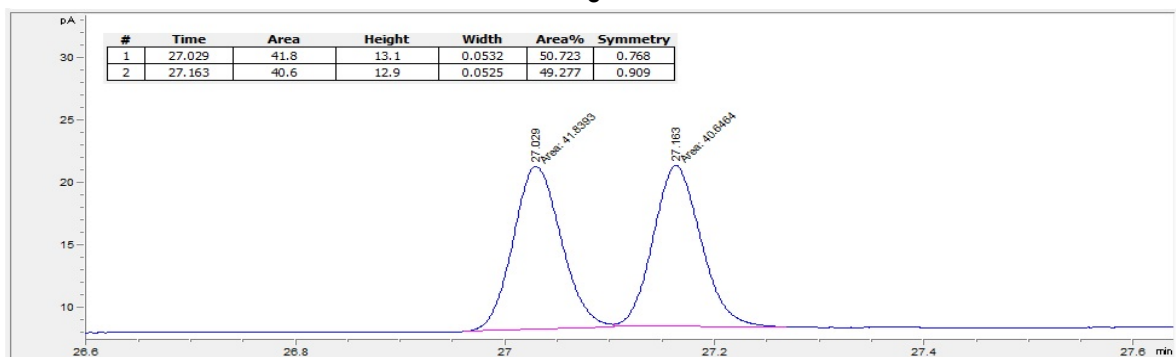
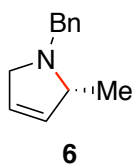
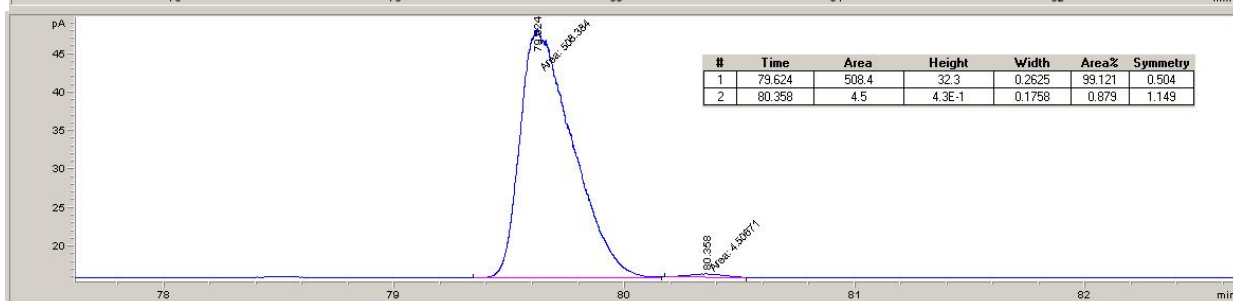
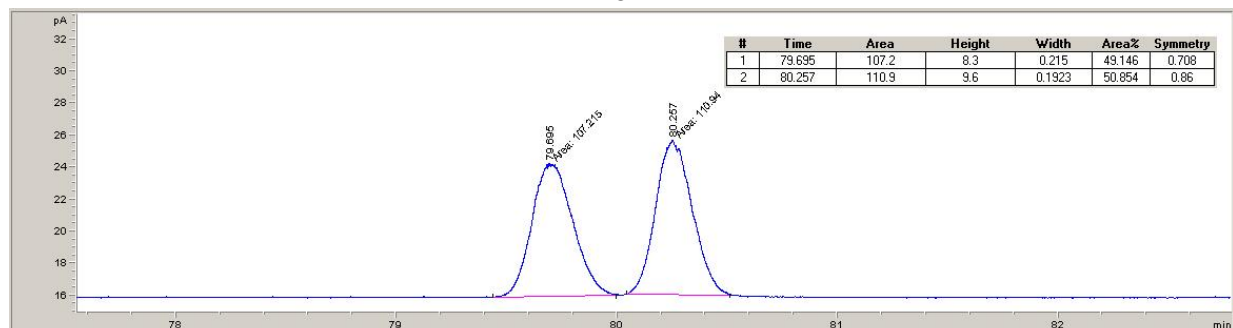
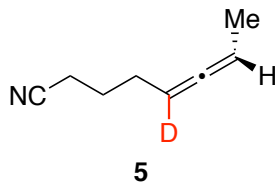


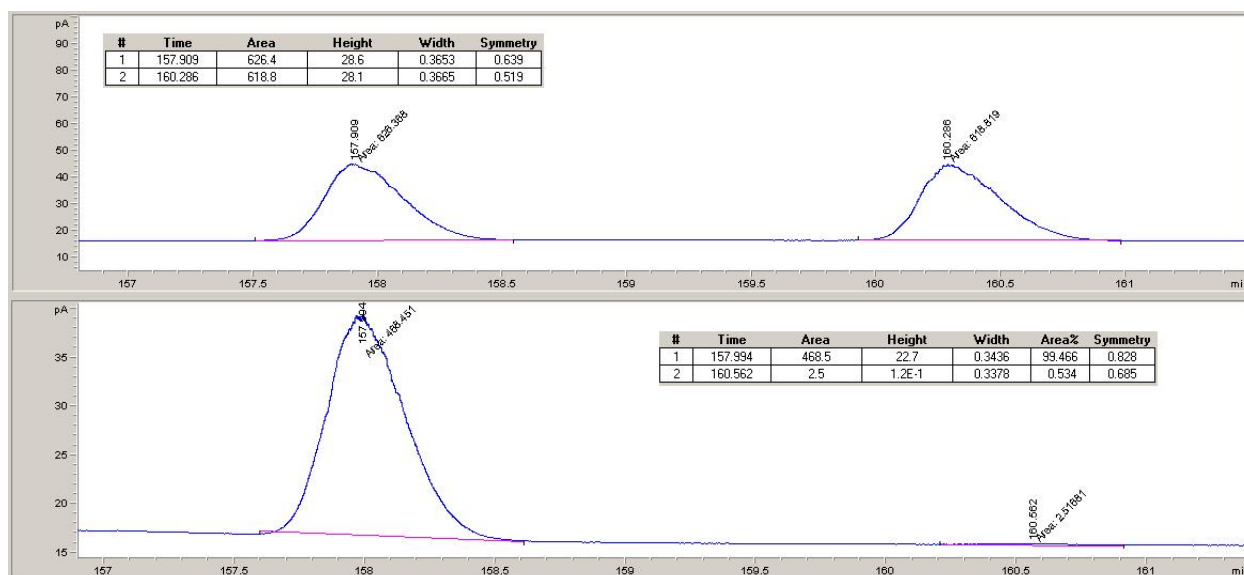
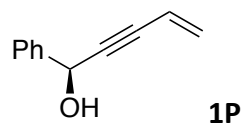




[Lit.<sup>1</sup>: t<sub>R</sub> = 21.7 min (minor) and 22.8 min (major)]







## References:

1. Yu, Q.; Ma, S., An Enantioselective Synthesis of (R)-5,6-Octadecadienoic Acid. *European Journal of Organic Chemistry* **2015**, 2015 (7), 1596-1601.