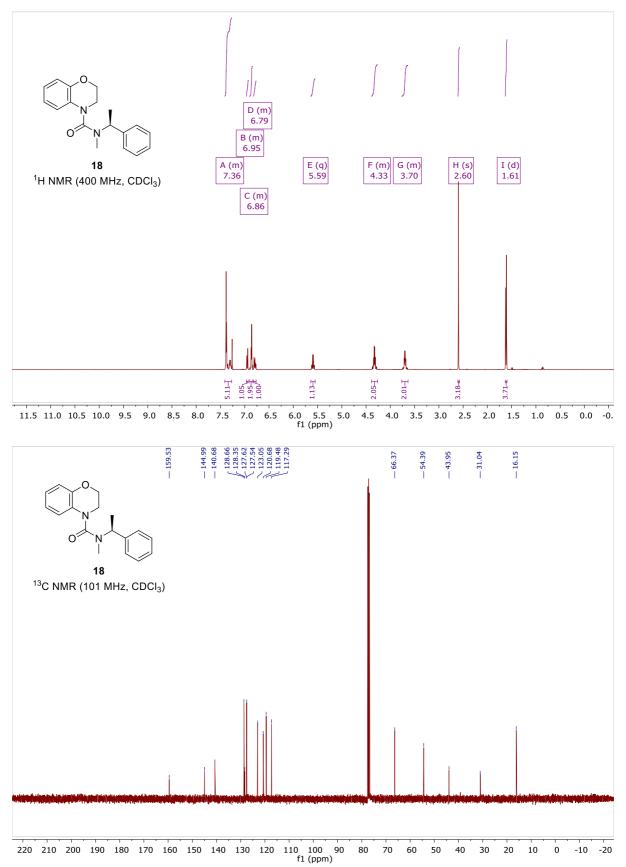
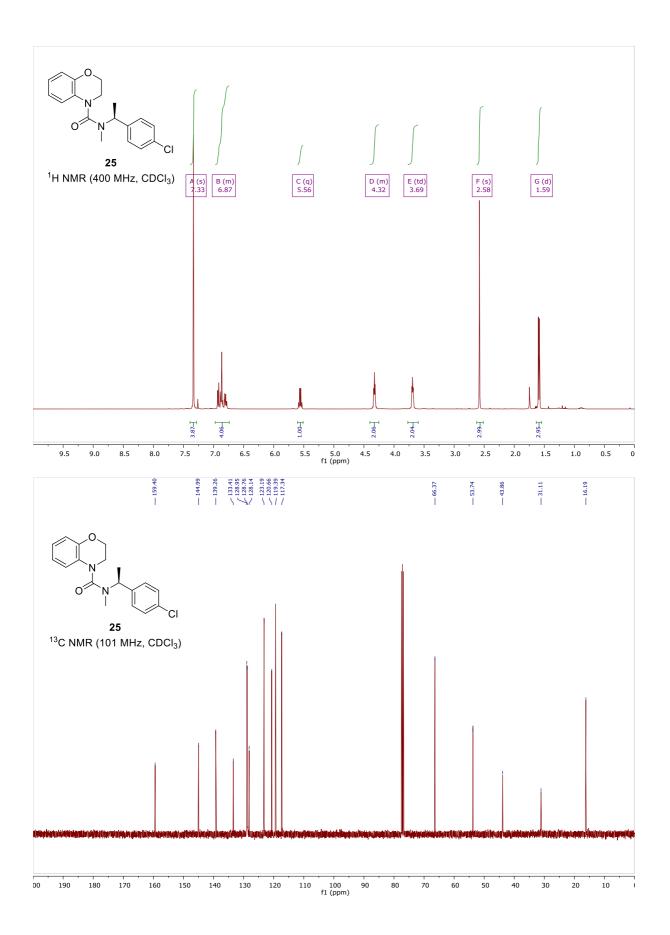
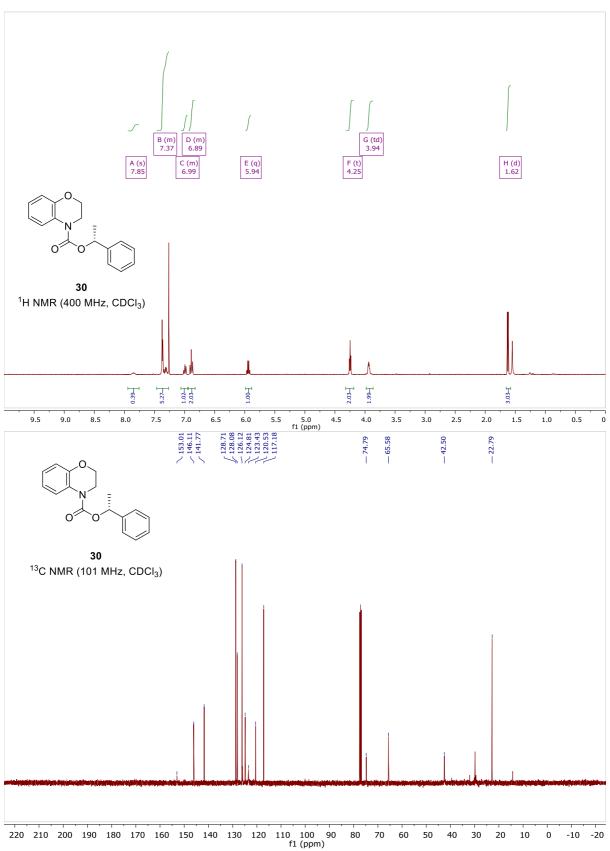
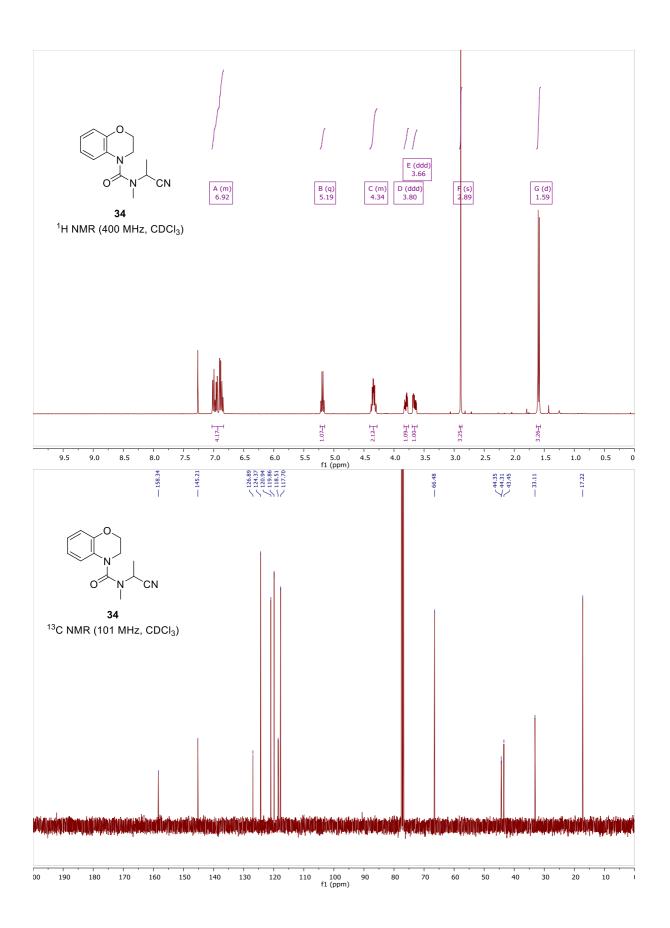
Appendix A. Supplementary Data – NMR Spectra

4.3 Starting Materials – (18), (25), (30), (34)

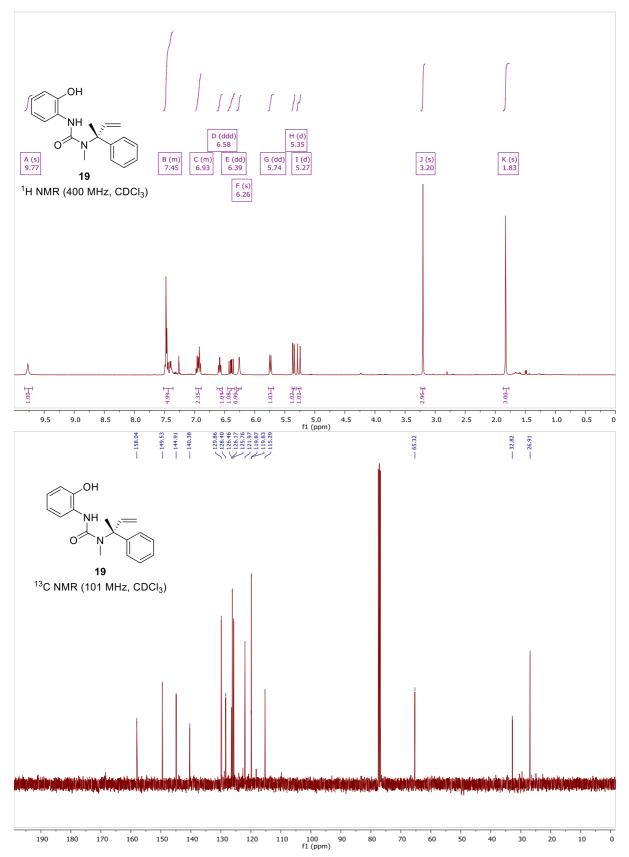


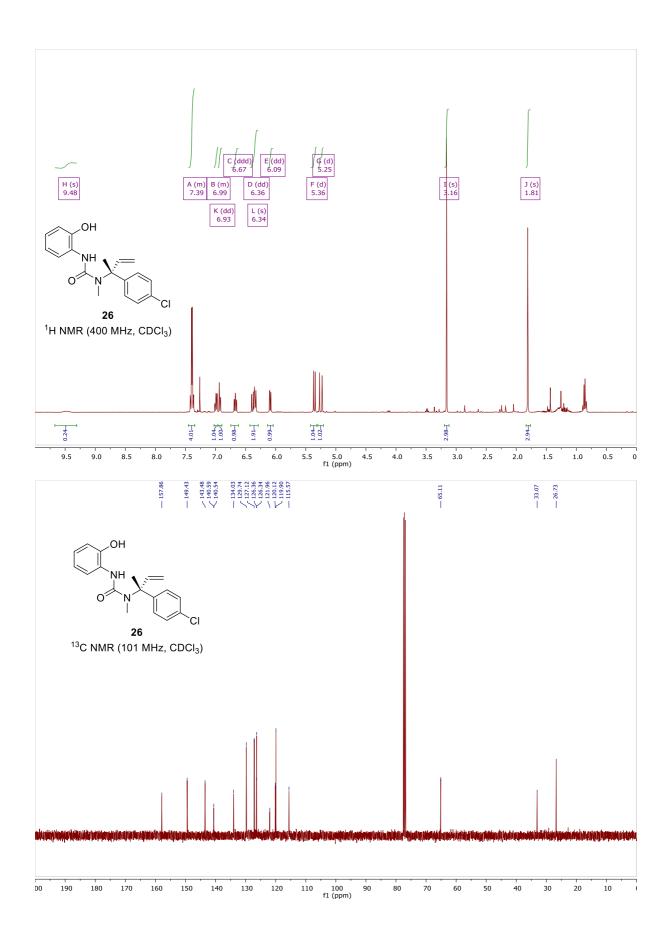


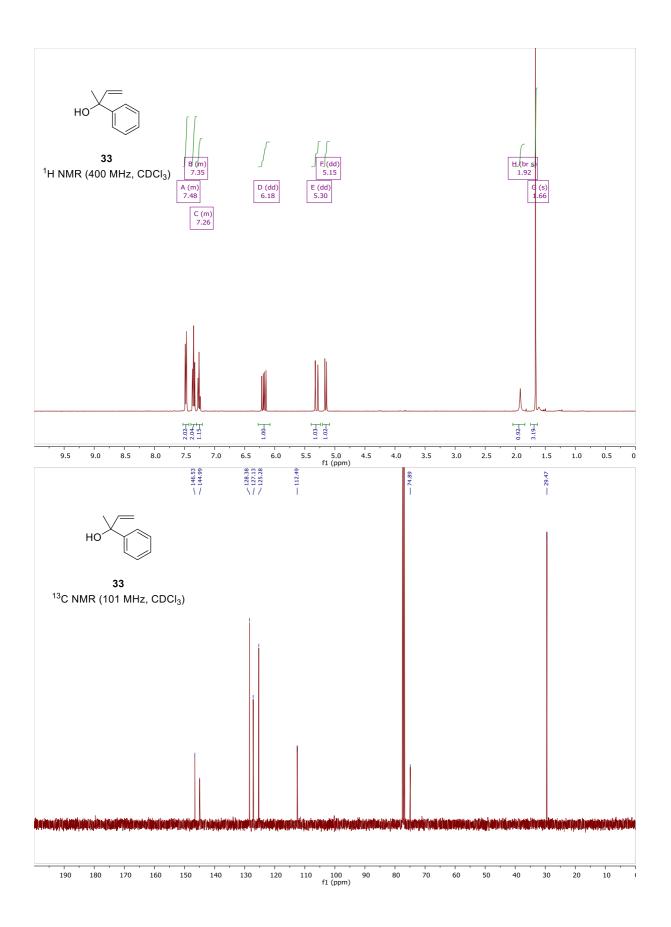


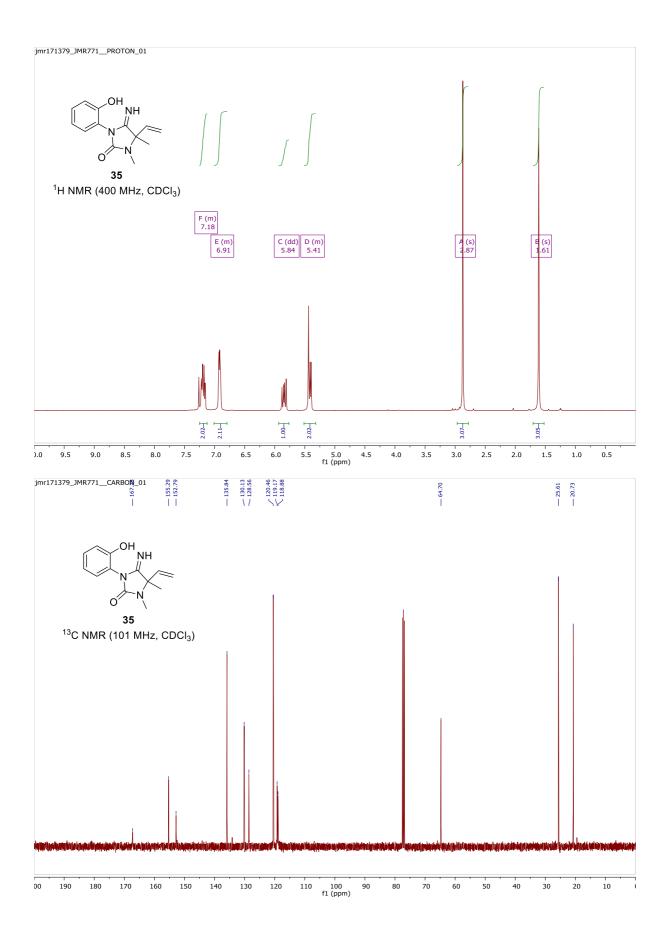


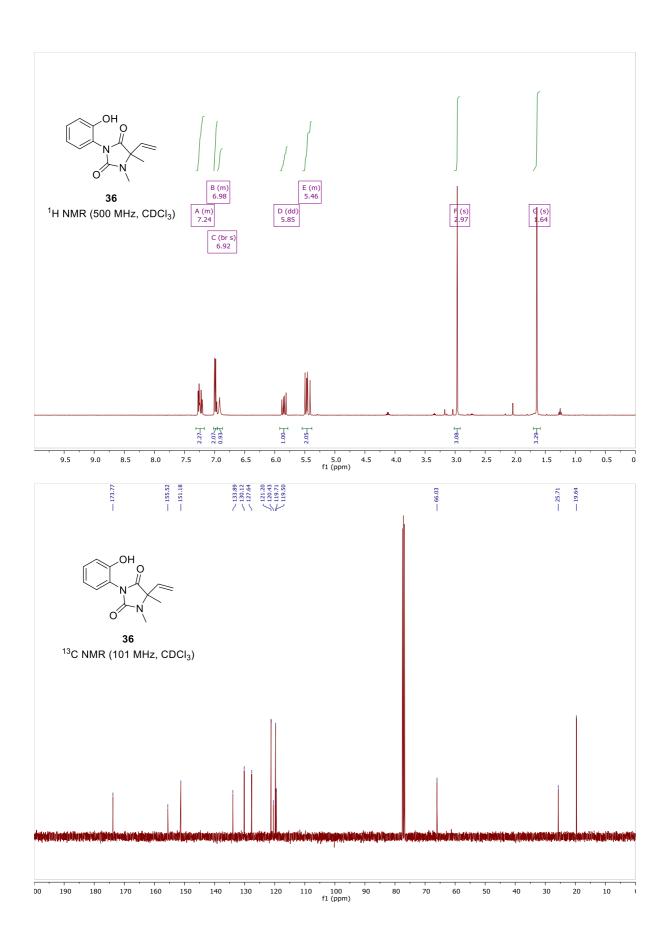
4.4 Vinyl Migration Products - (19), (26), (35), (36)



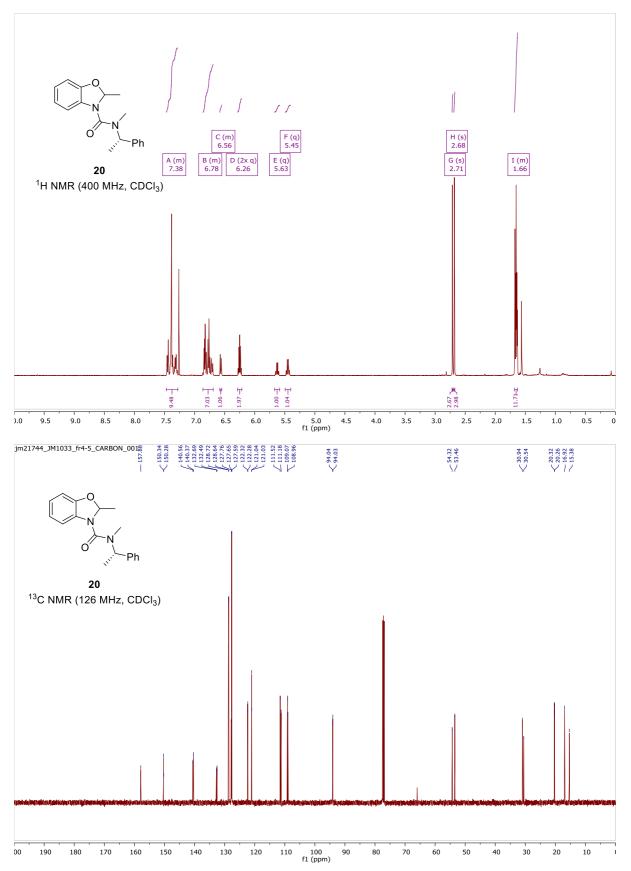


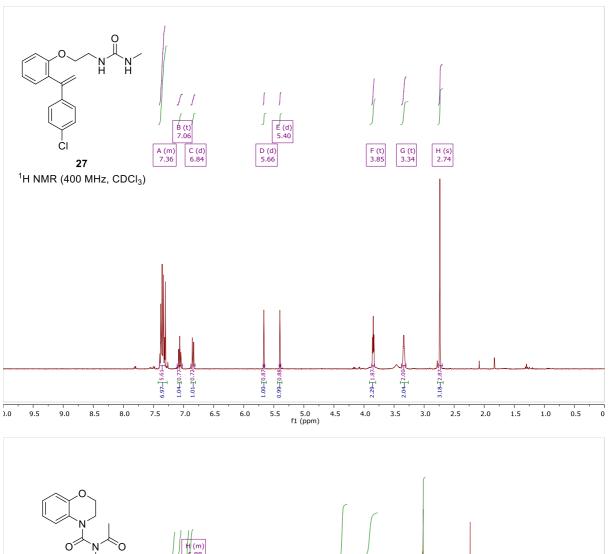


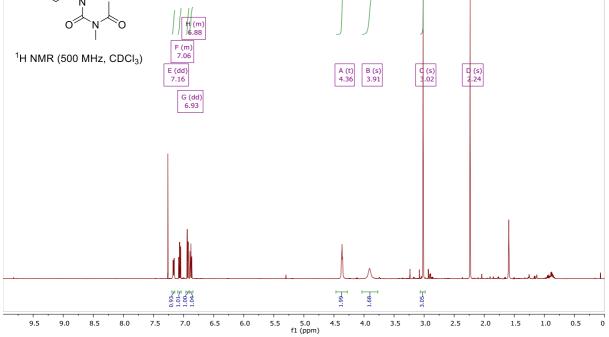


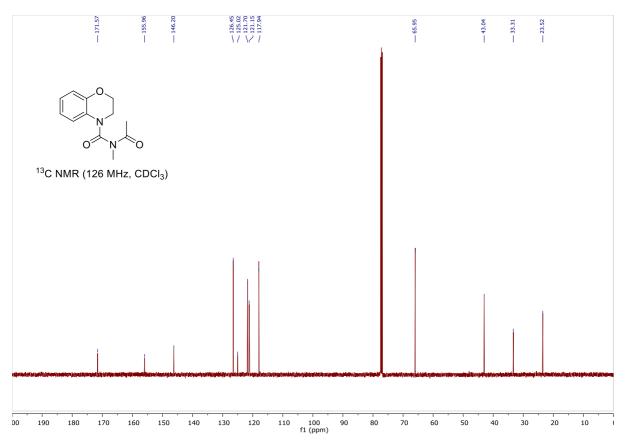


4.5 Side Products - (20), (27)

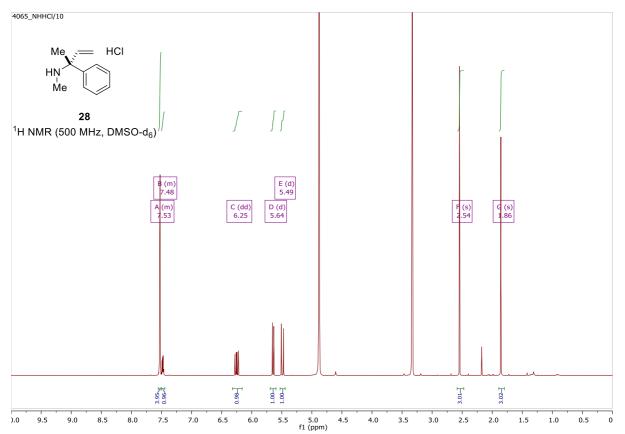


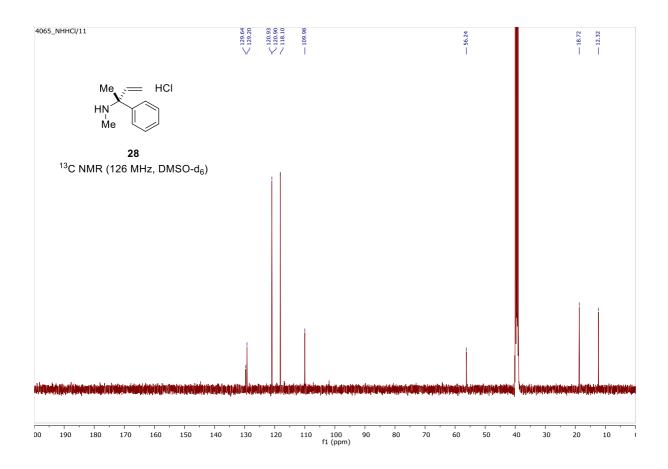


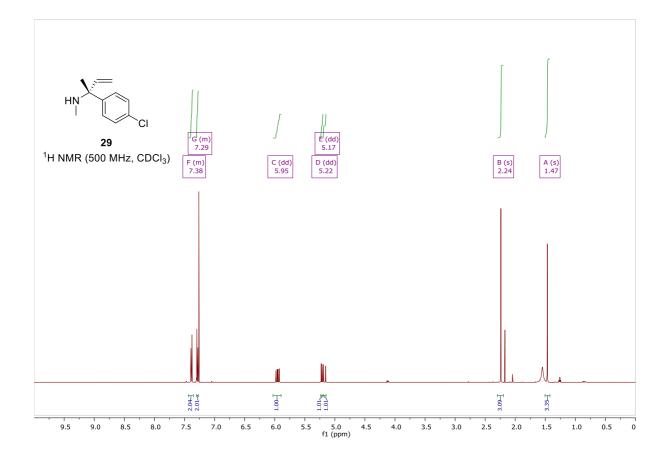


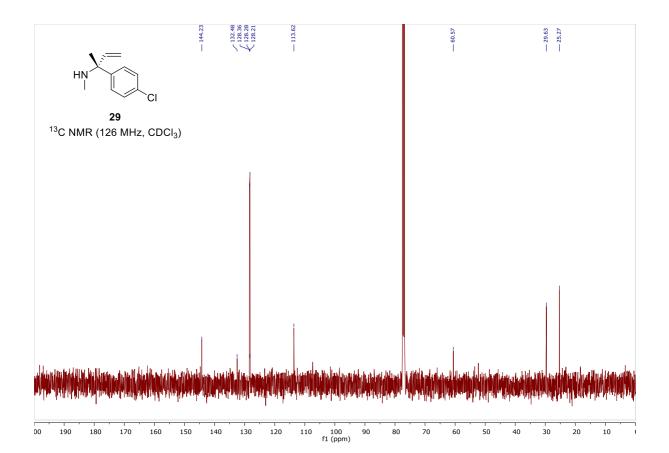




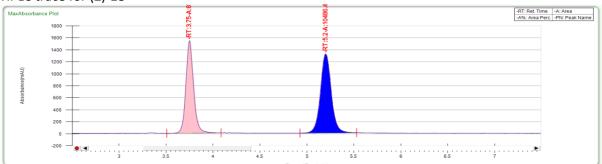




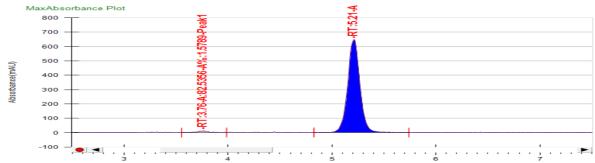




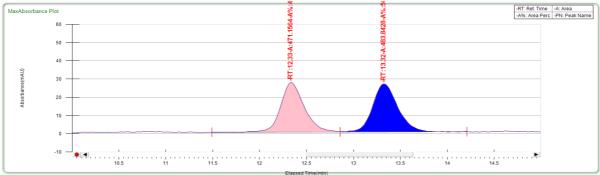
HPLC Traces HPLC trace for (±)-18

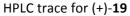


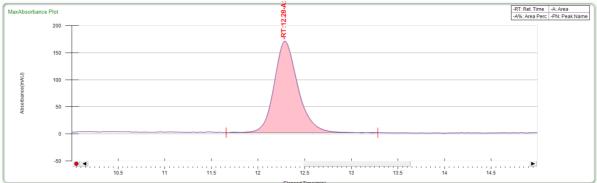
HPLC trace for ()-18



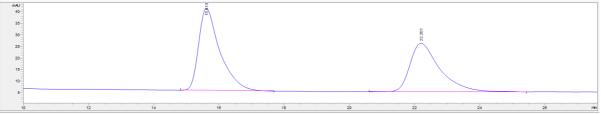
HPLC trace for (±)-19







HPLC trace for (±)-33



HPLC trace for enantioenriched reaction 33

