



Synthesis and Reactivity of Selenium Functionalised Allylidynes and Propargylidynes

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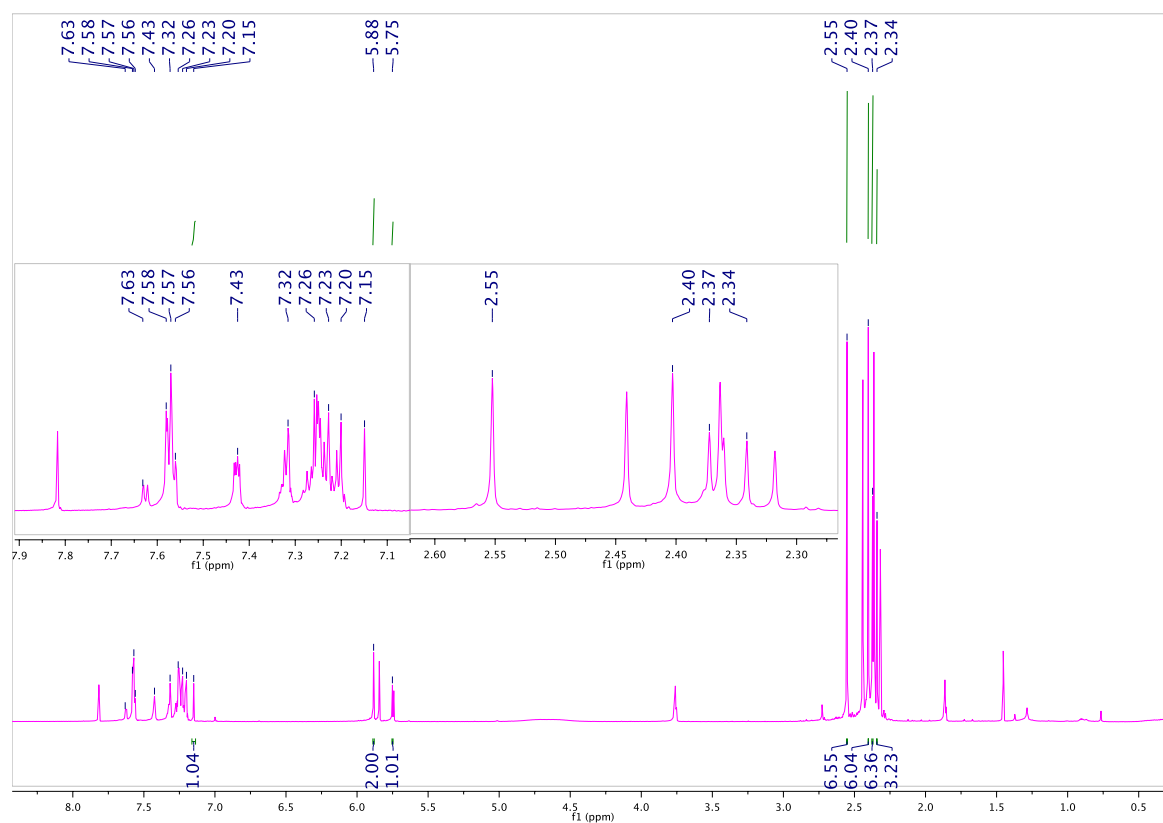
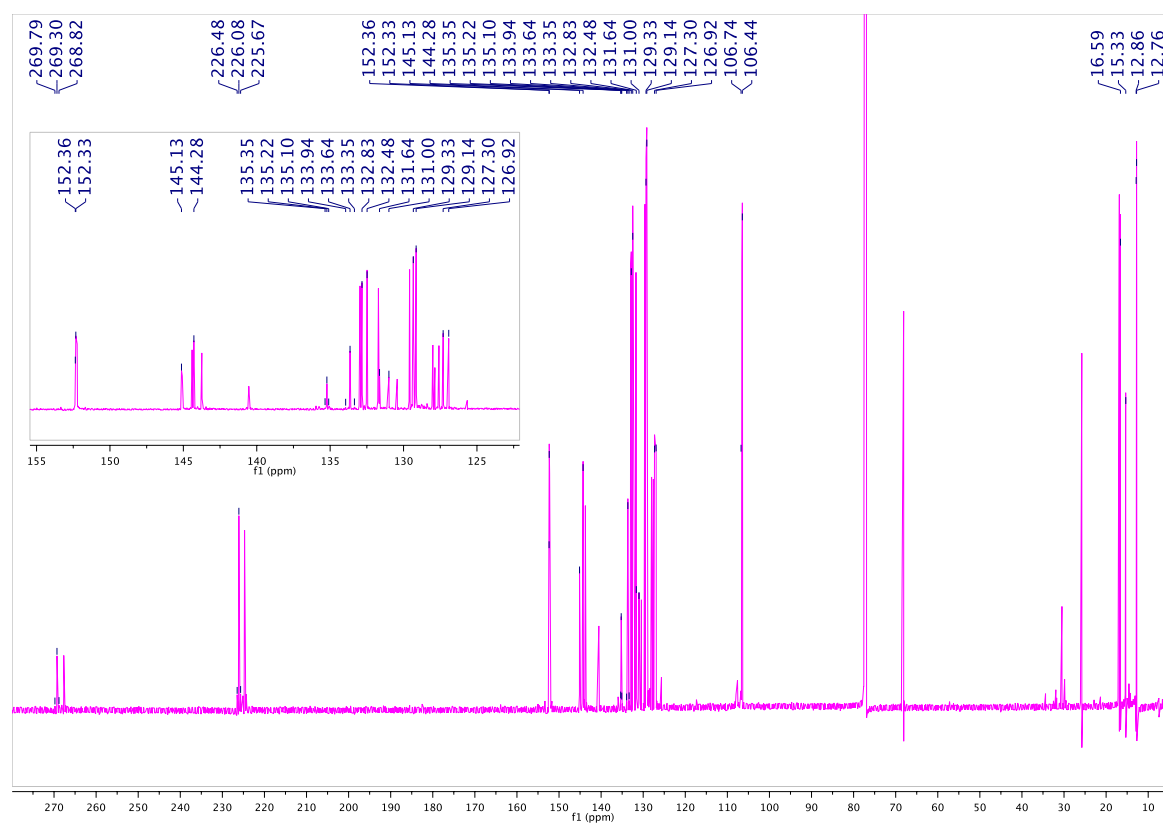
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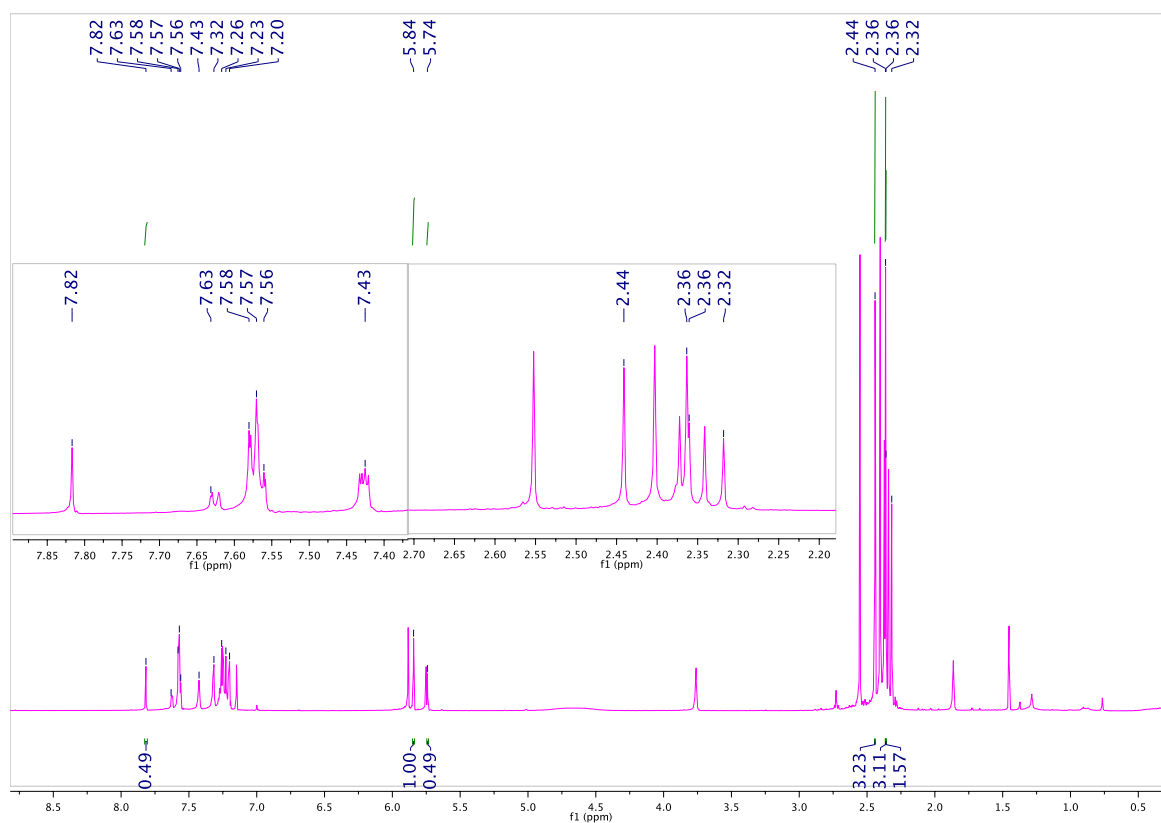
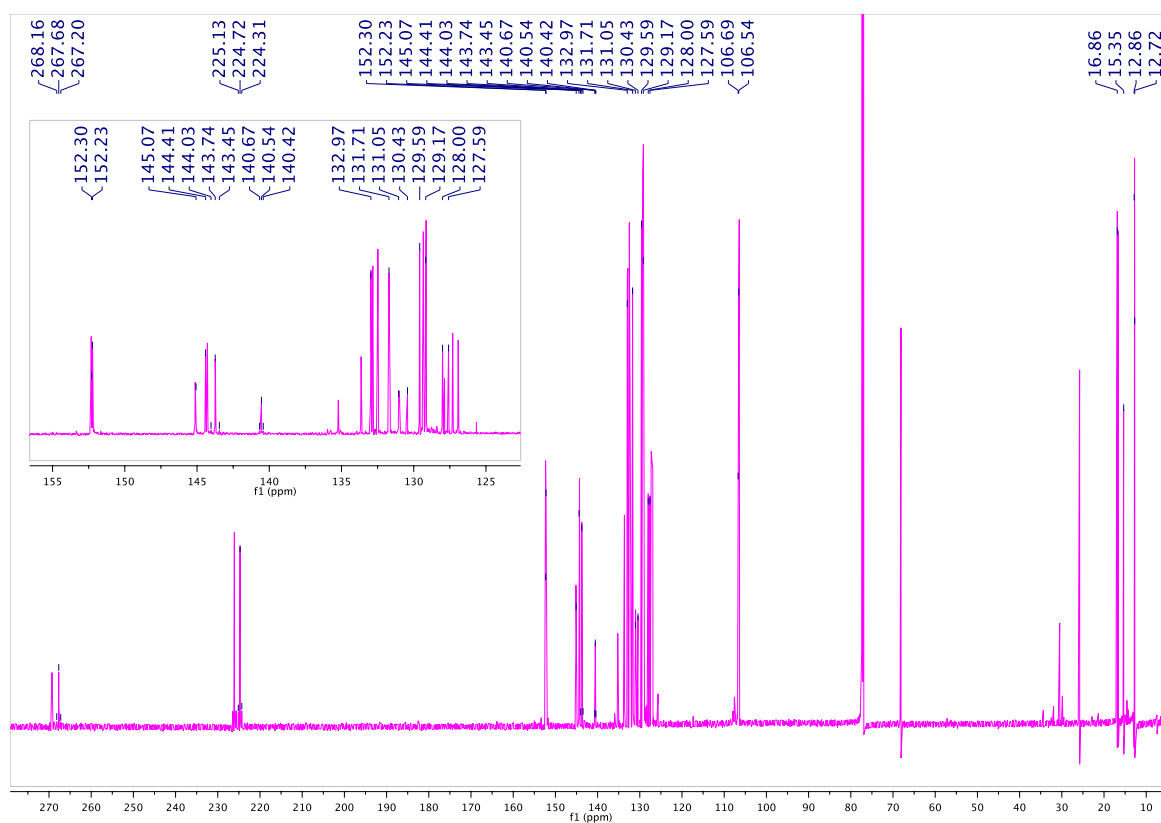
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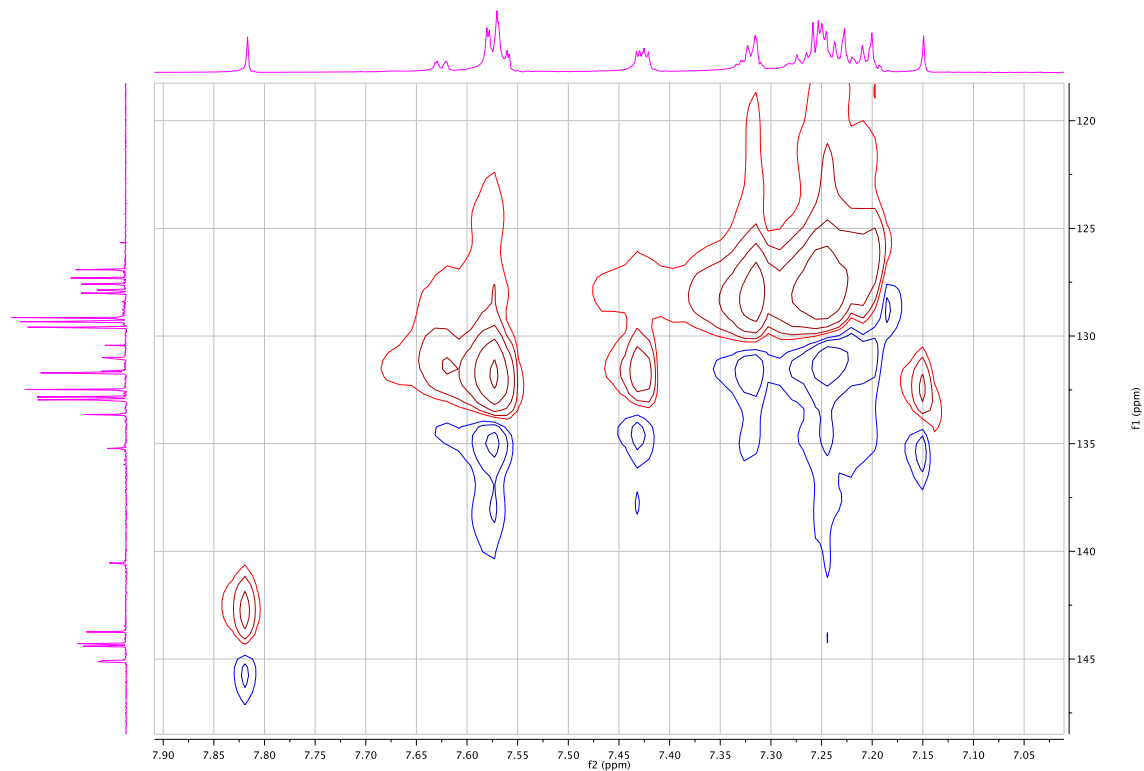
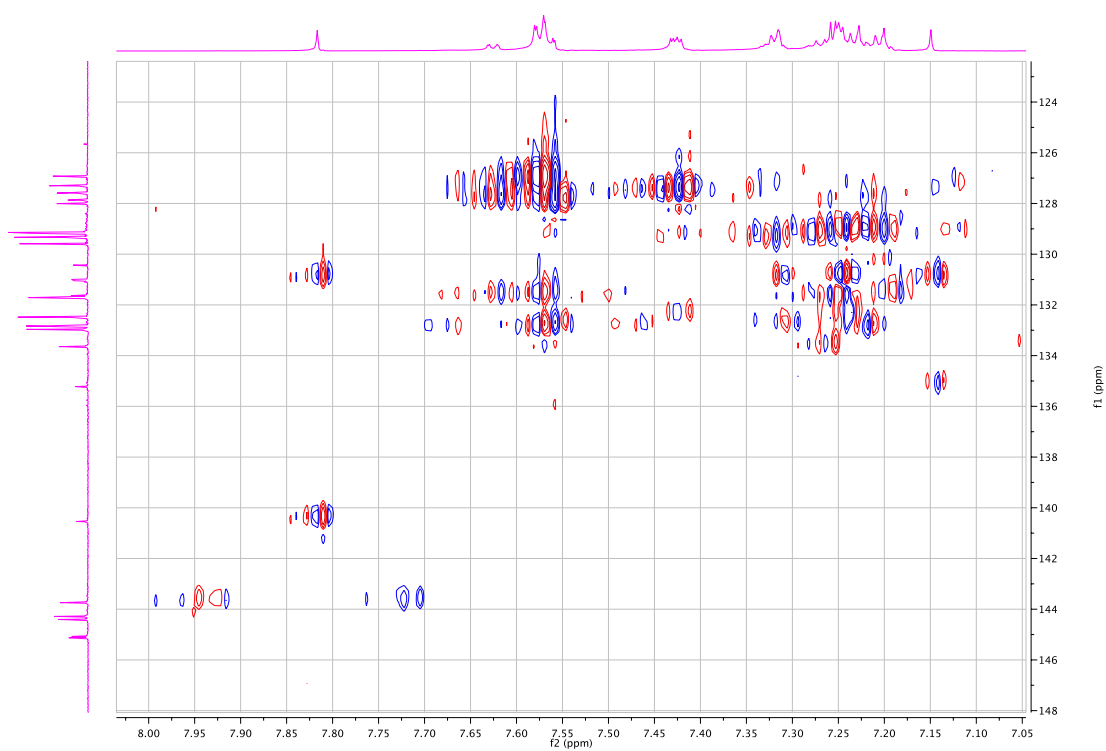
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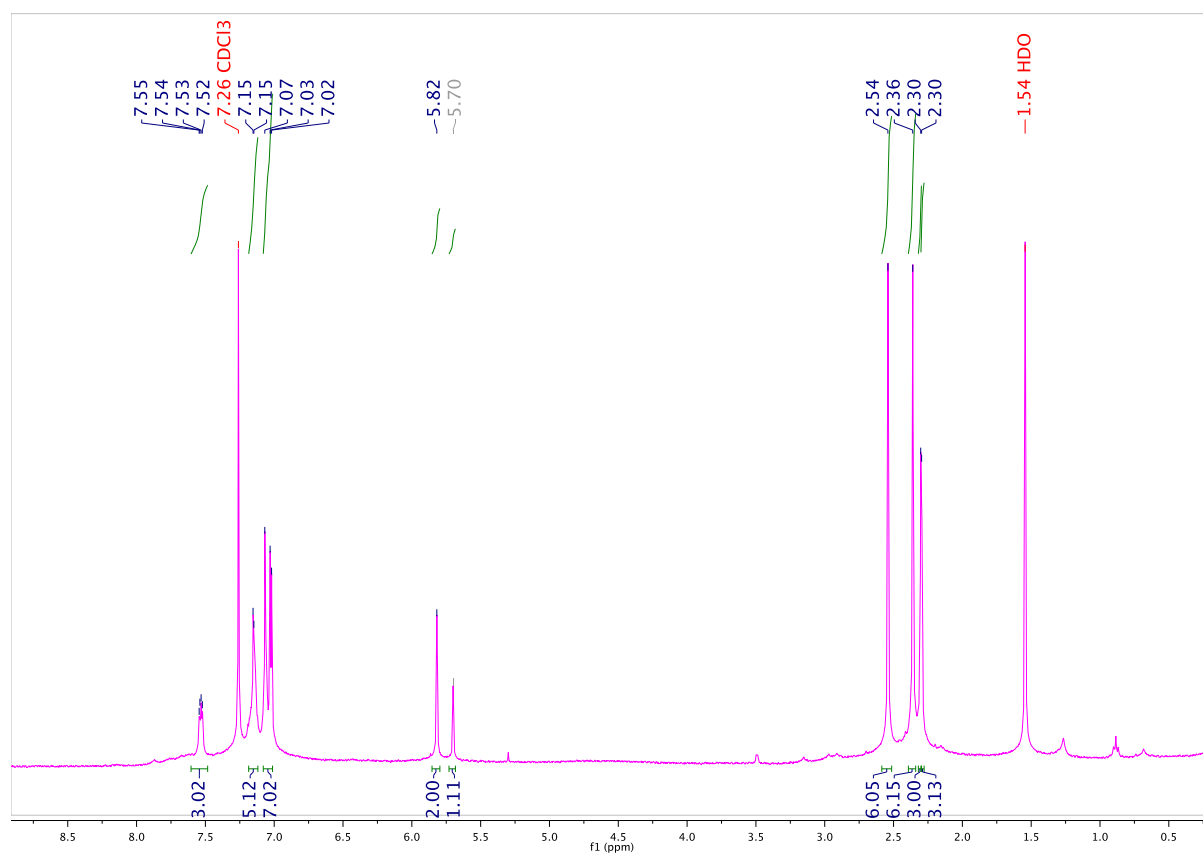
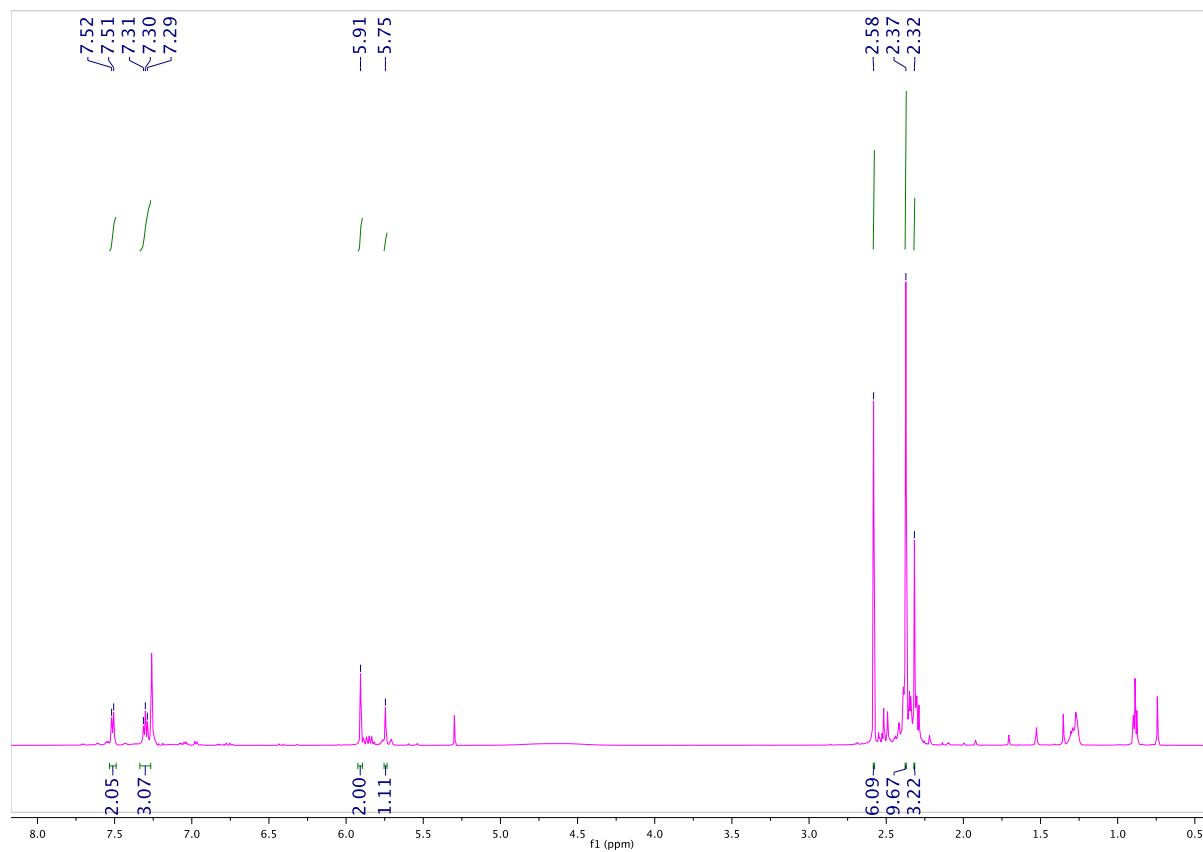
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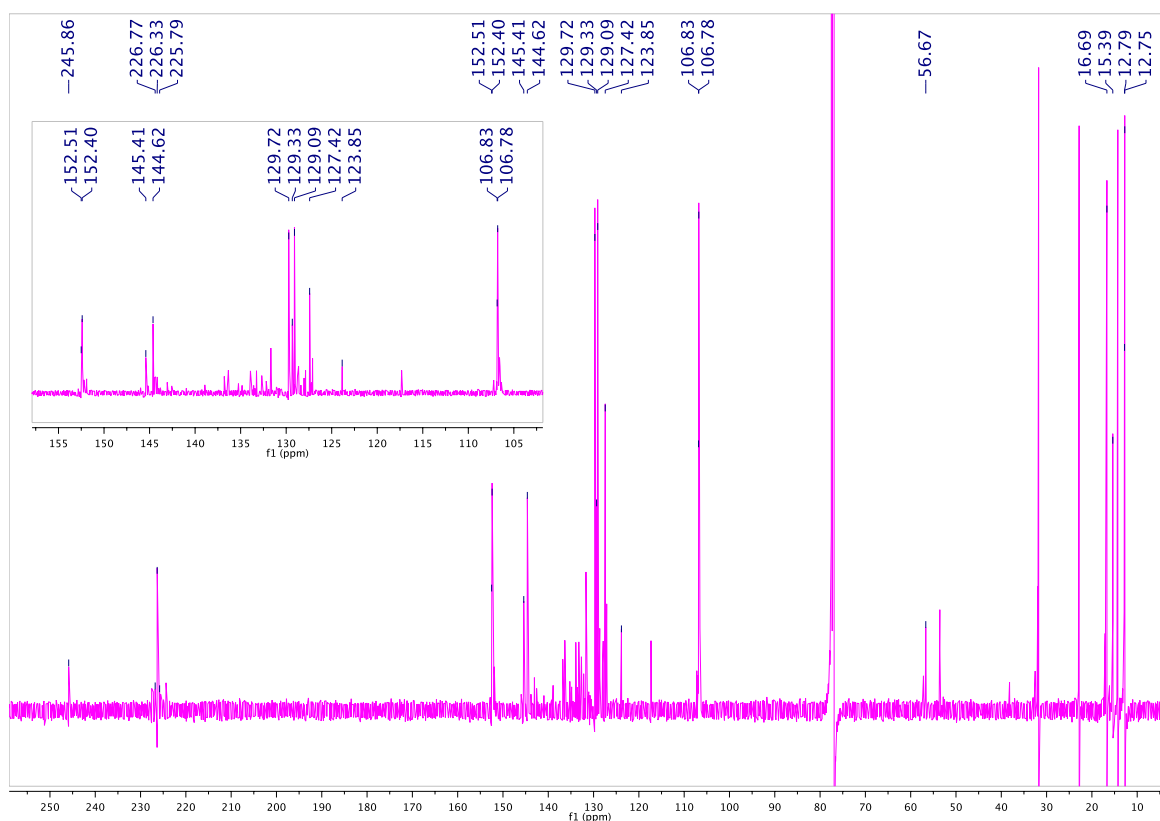
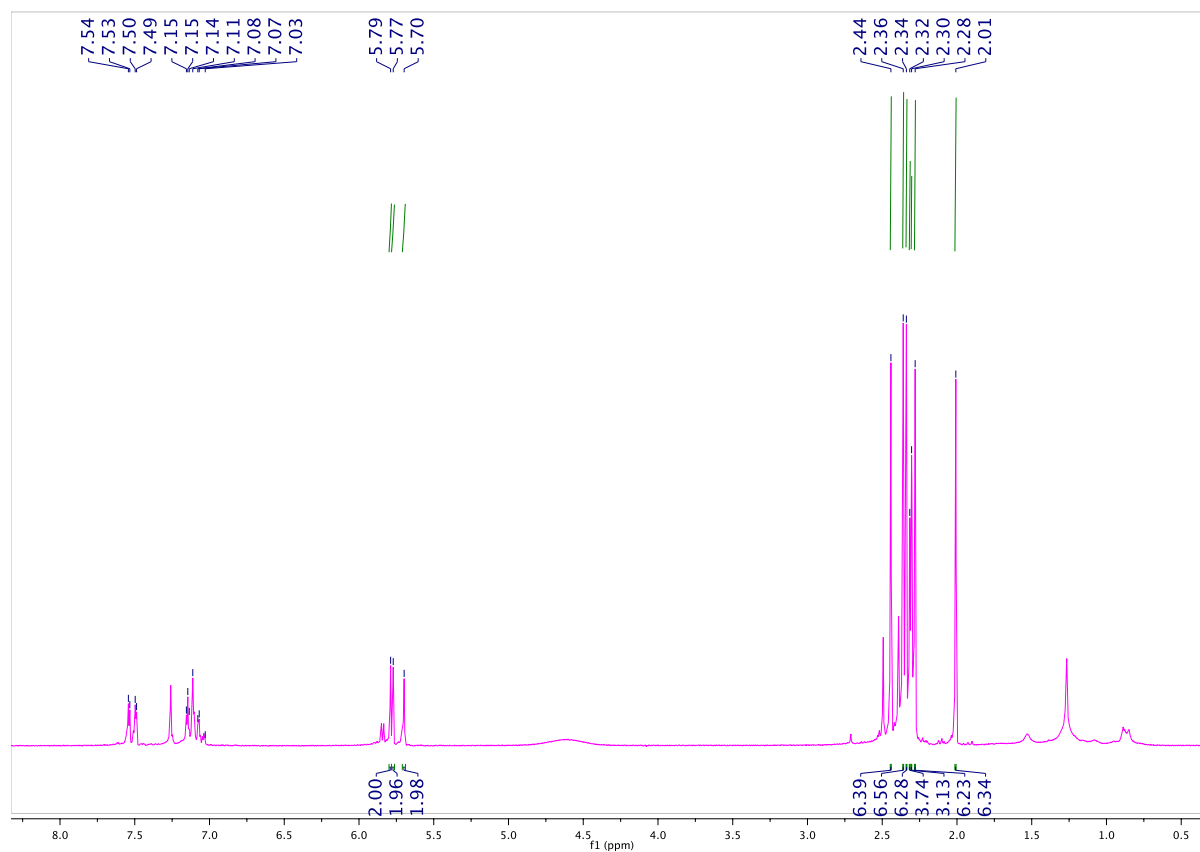
CCDC 1559203 - 1559205 contain the supplementary crystallographic data for this paper. These data can be obtained free of charge from The Cambridge Crystallographic Data Centre.

¹H NMR of *E*-[W{≡CC(SePh)=CHSePh}(CO)₂(Tp*)] (*E*-3)**¹³C NMR of *E*-[W{≡CC(SePh)=CHSePh}(CO)₂(Tp*)] (*E*-3)**

¹H NMR of Z-[W{≡CC(SePh)=CHSePh}(CO)₂(Tp*)] (Z-3)**¹³C NMR of E-[W{≡CC(SePh)=CHSePh}(CO)₂(Tp*)] (Z-3)**

HSQC - E/Z-[W{≡CC(SePh)=CHSePh}(CO)₂(Tp*)] (E/Z-3) (Vinyl protons)HMBC - E/Z-[W{≡CC(SePh)=CHSePh}(CO)₂(Tp*)] (E/Z-3) (Vinyl protons)

^1H NMR of $[\text{W}(\equiv\text{CC}(\text{SePh})=\text{C}(\text{SePh})_2)(\text{CO})_2(\text{Tp}^*)]$ (4) **^1H NMR of $[\text{W}(\equiv\text{CC}\equiv\text{CSePh})(\text{CO})_2(\text{Tp}^*)]$ (5) – Decomposition already present**

^{13}C NMR of $[\text{W}(\equiv\text{CC}\equiv\text{CSePh})(\text{CO})_2(\text{Tp}^*)]$ (5) - Decomposition already present **^1H NMR of $[(\text{Tp}^*)(\text{OC})_2\text{W}\equiv\text{CC}(\text{SePh})=\text{C}(\text{SePh})-\text{C}\equiv\text{CC}\equiv\text{W}(\text{CO})_2(\text{Tp}^*)]$ (6)**

^{13}C NMR of $[(\text{Tp}^*)(\text{OC})_2\text{W}\equiv\text{CC}(\text{SePh})=\text{C}(\text{SePh})-\text{C}\equiv\text{CC}\equiv\text{W}(\text{CO})_2(\text{Tp}^*)]$ (6)