

Supporting Information

Highly regio- and stereocontrolled preparation of α -(trifluoromethyl)- β -(phenylthio) enamines by the hydroamination of *in-situ*-synthesized 1-(trifluoromethyl)-2-(phenylthio)ethyne

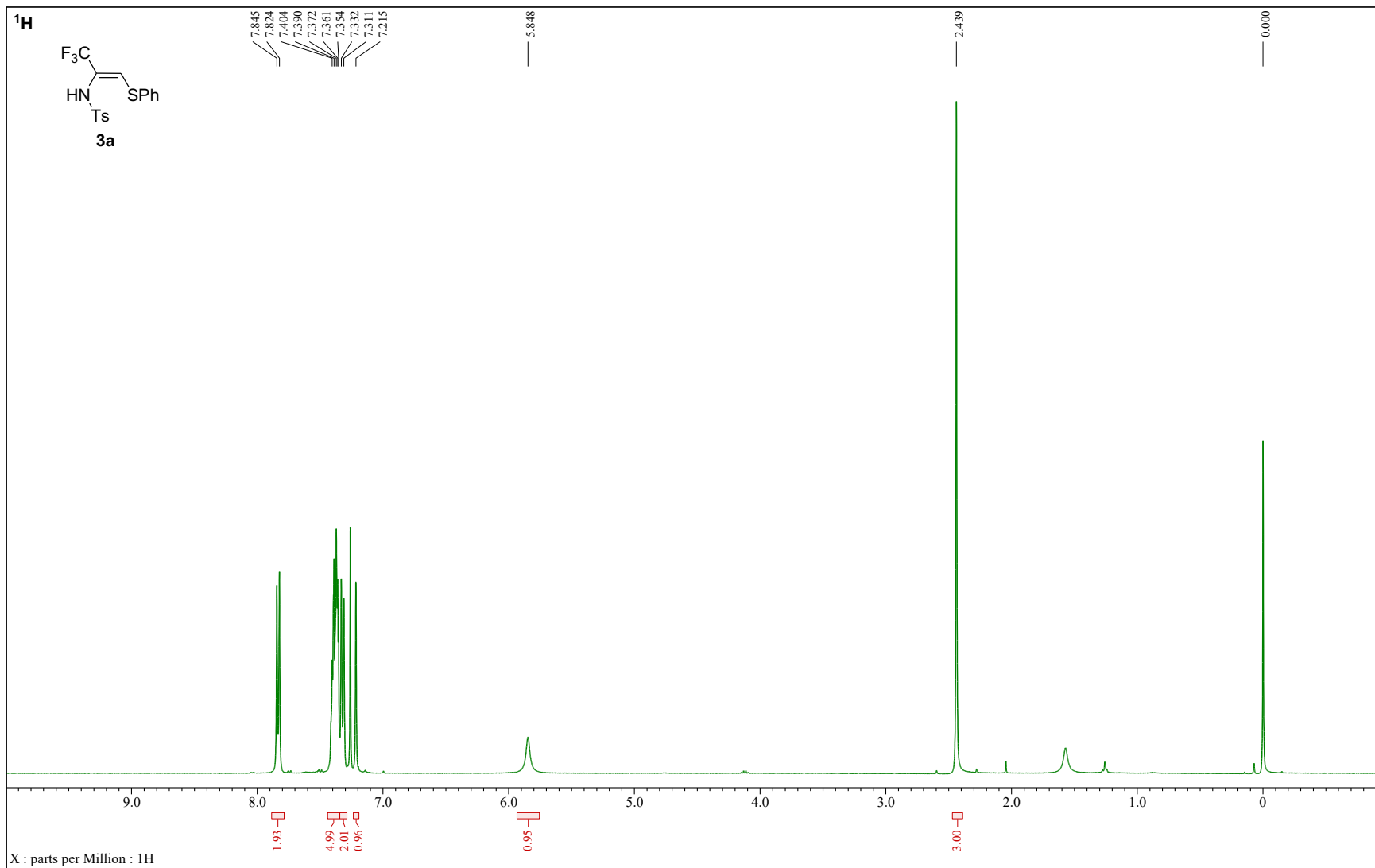
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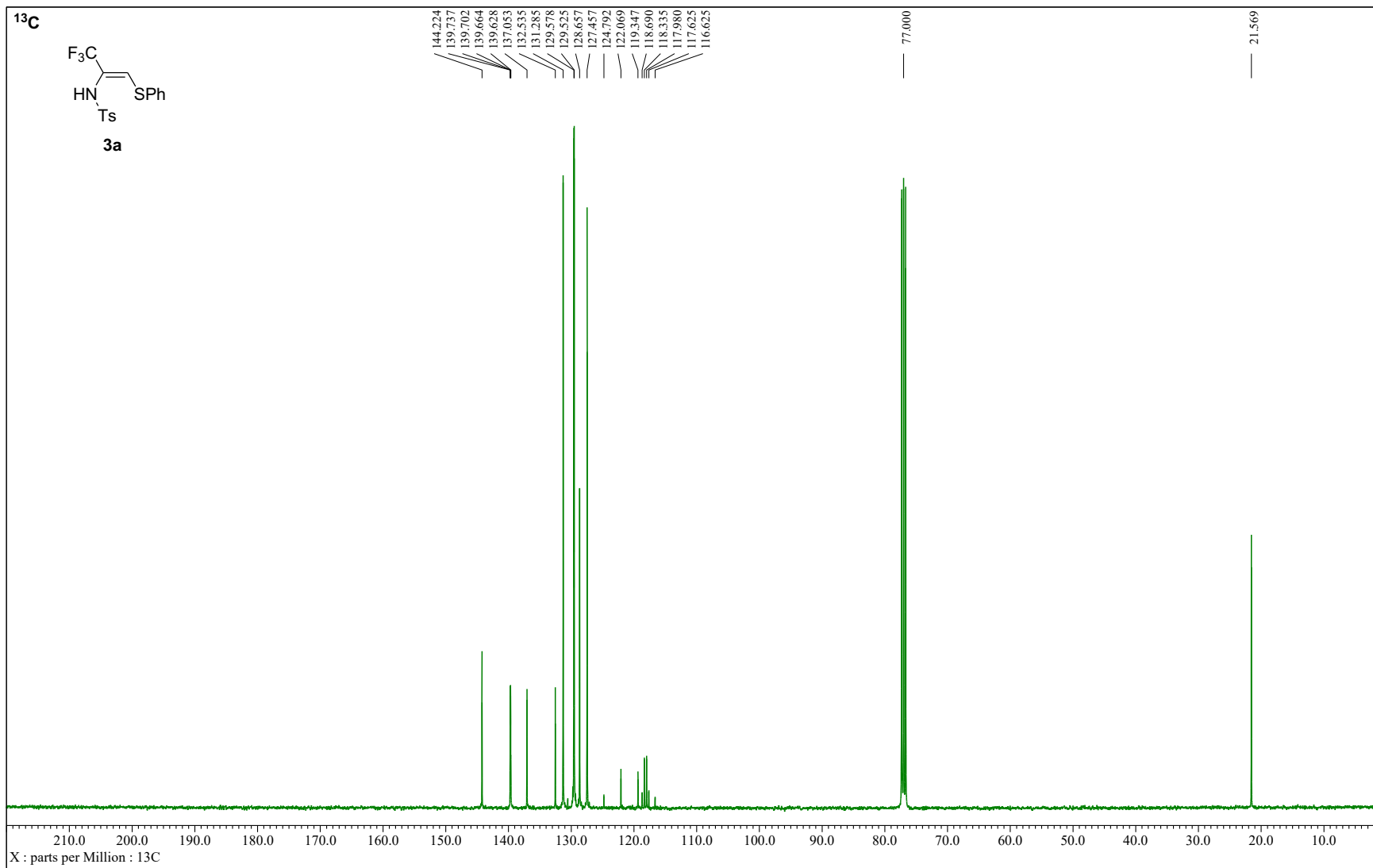
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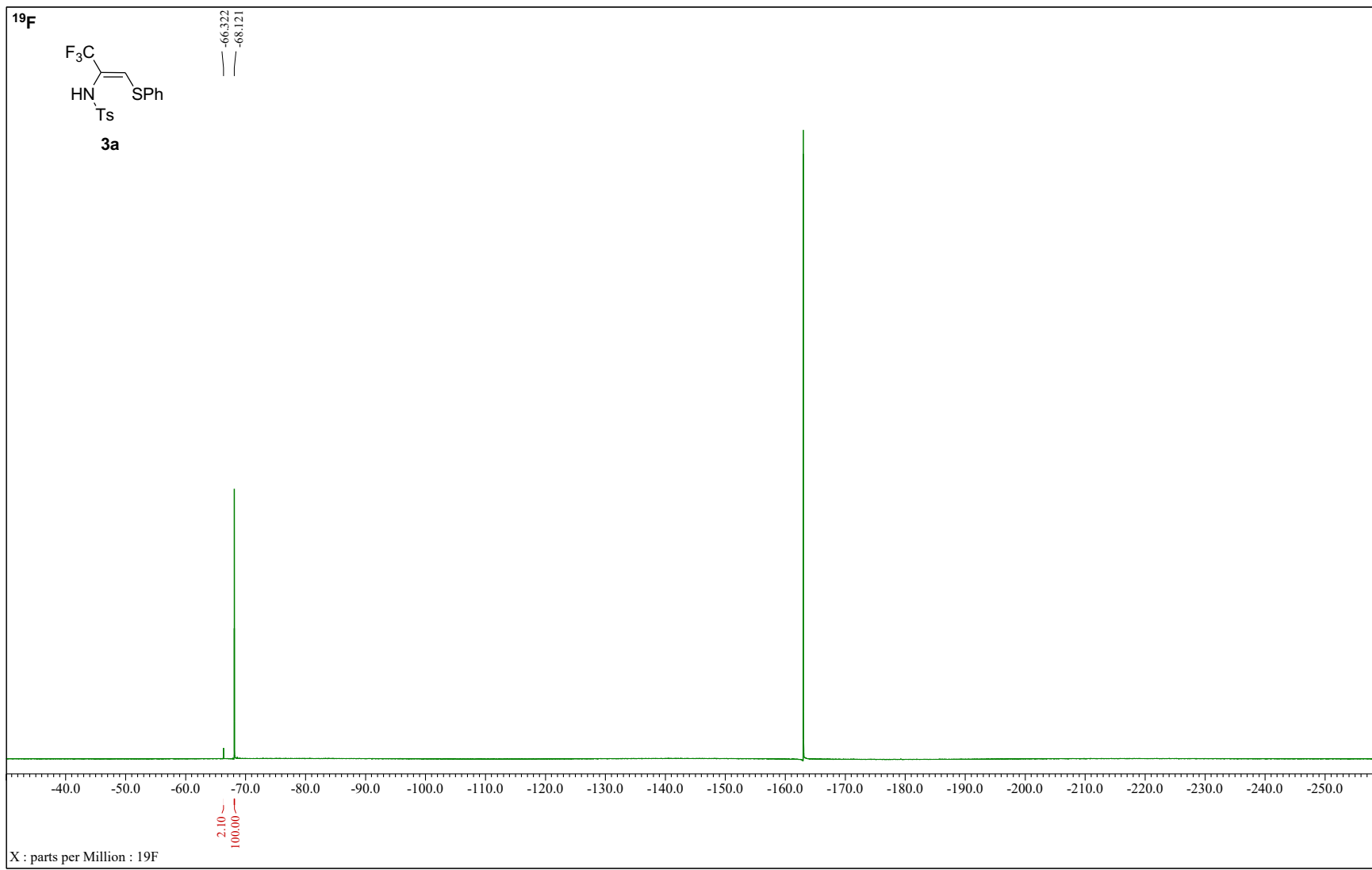
hanamoto@cc.saga-u.ac.jp

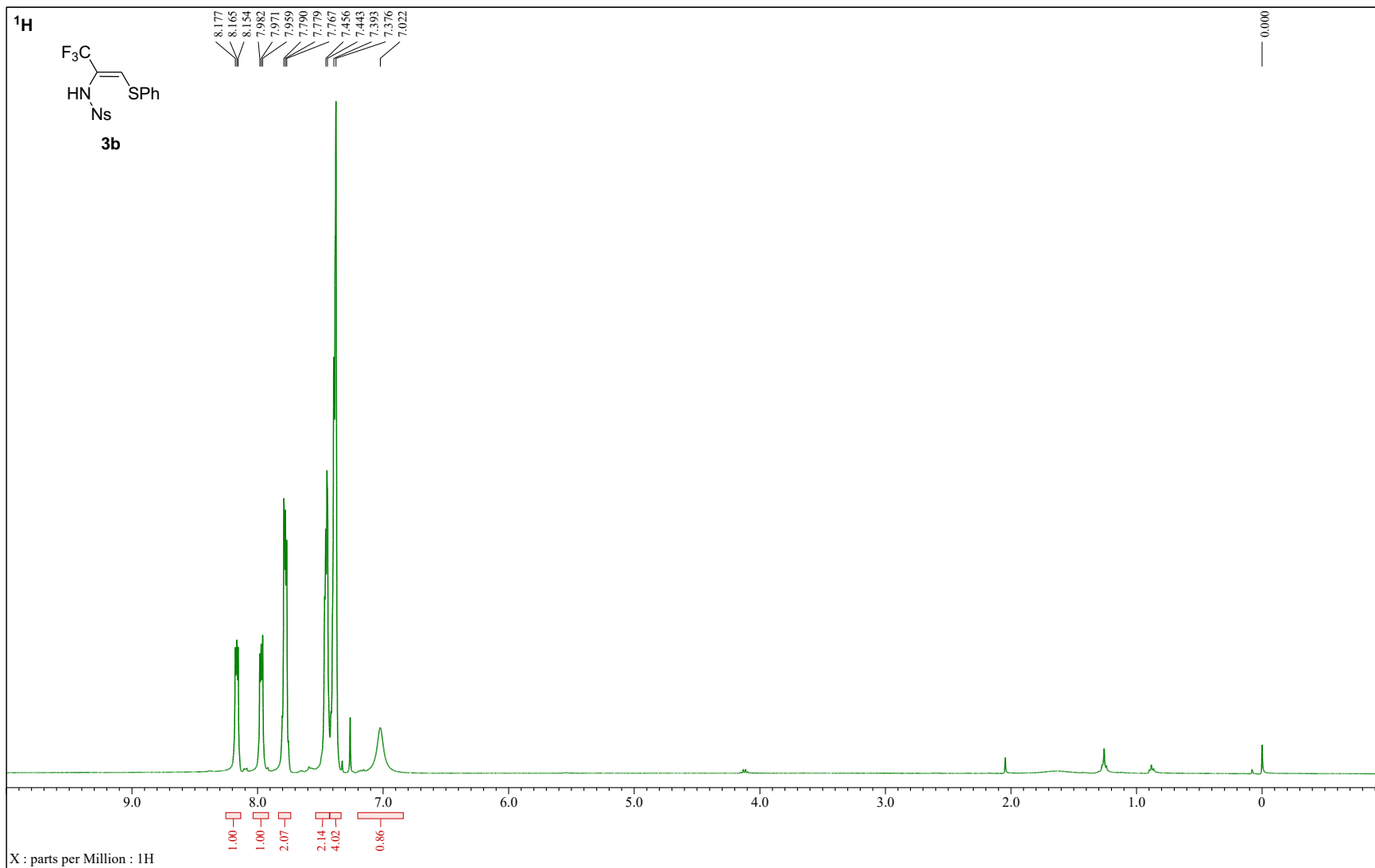
^1H , ^{13}C , and ^{19}F -NMR spectra for compound 3a – 3d, 4a – 4j, 5: S2 – S46

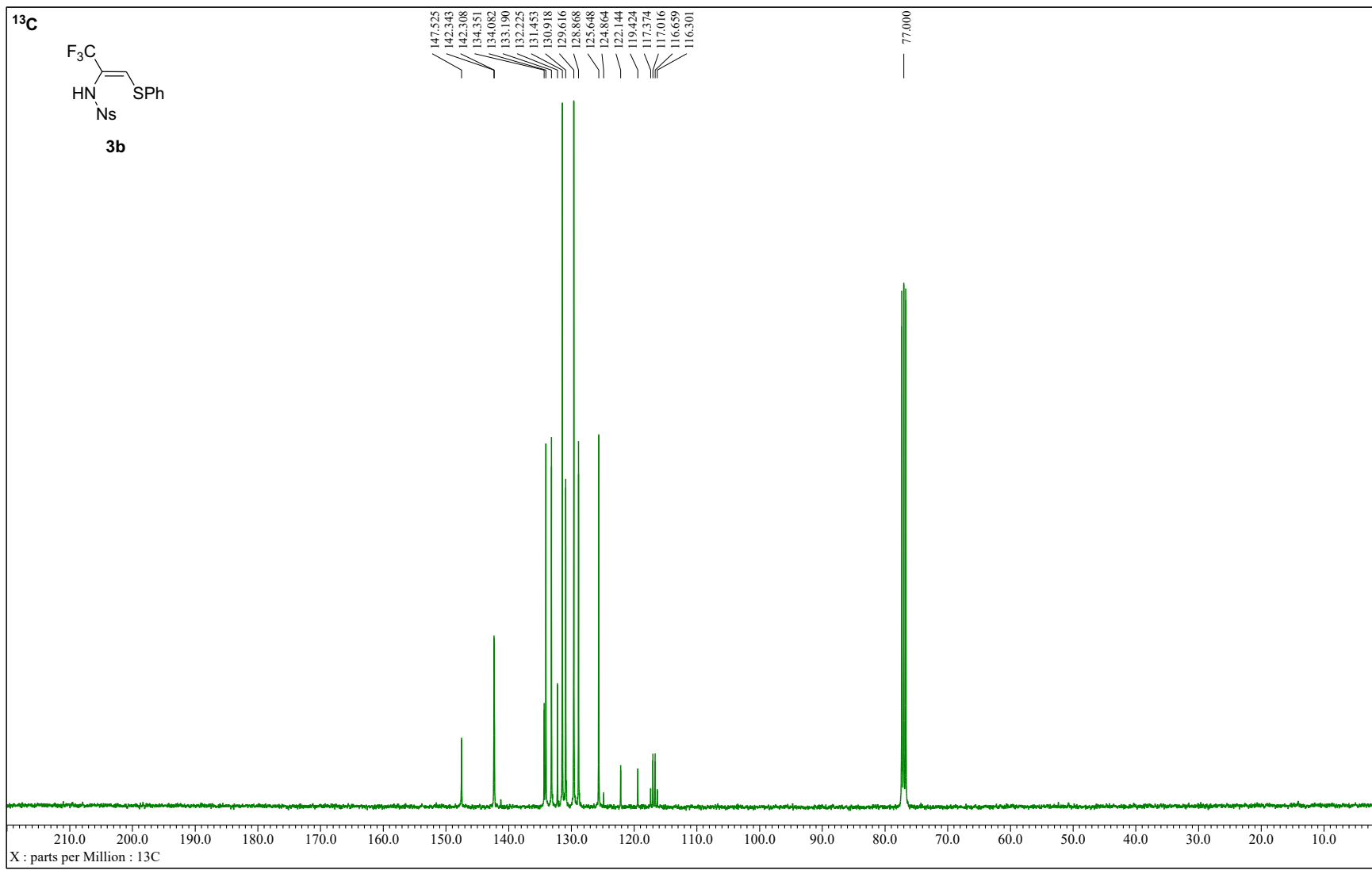
2D ^1H - ^{19}F HOEZY NMR spectra for compound 3a S47, S48

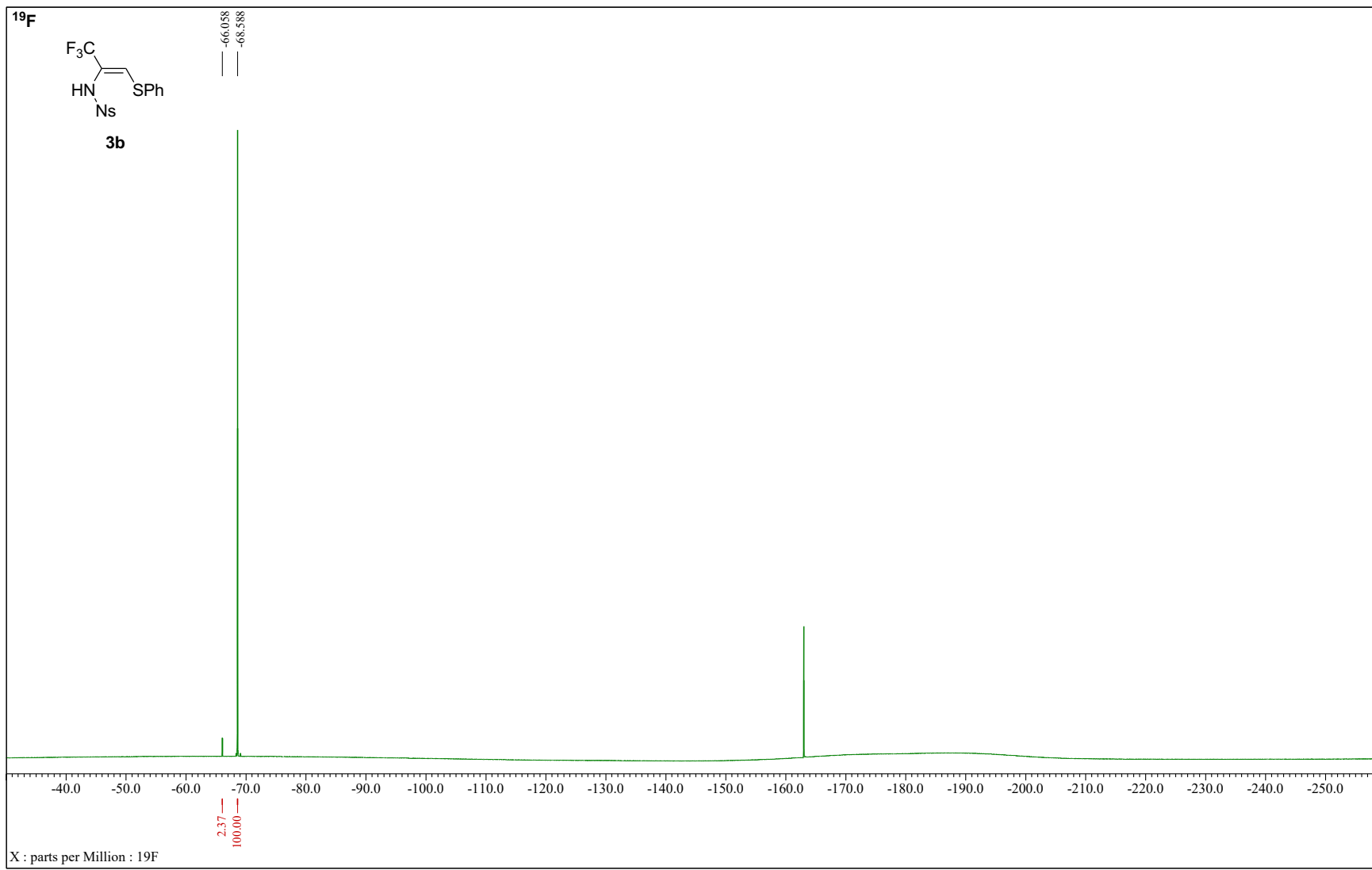


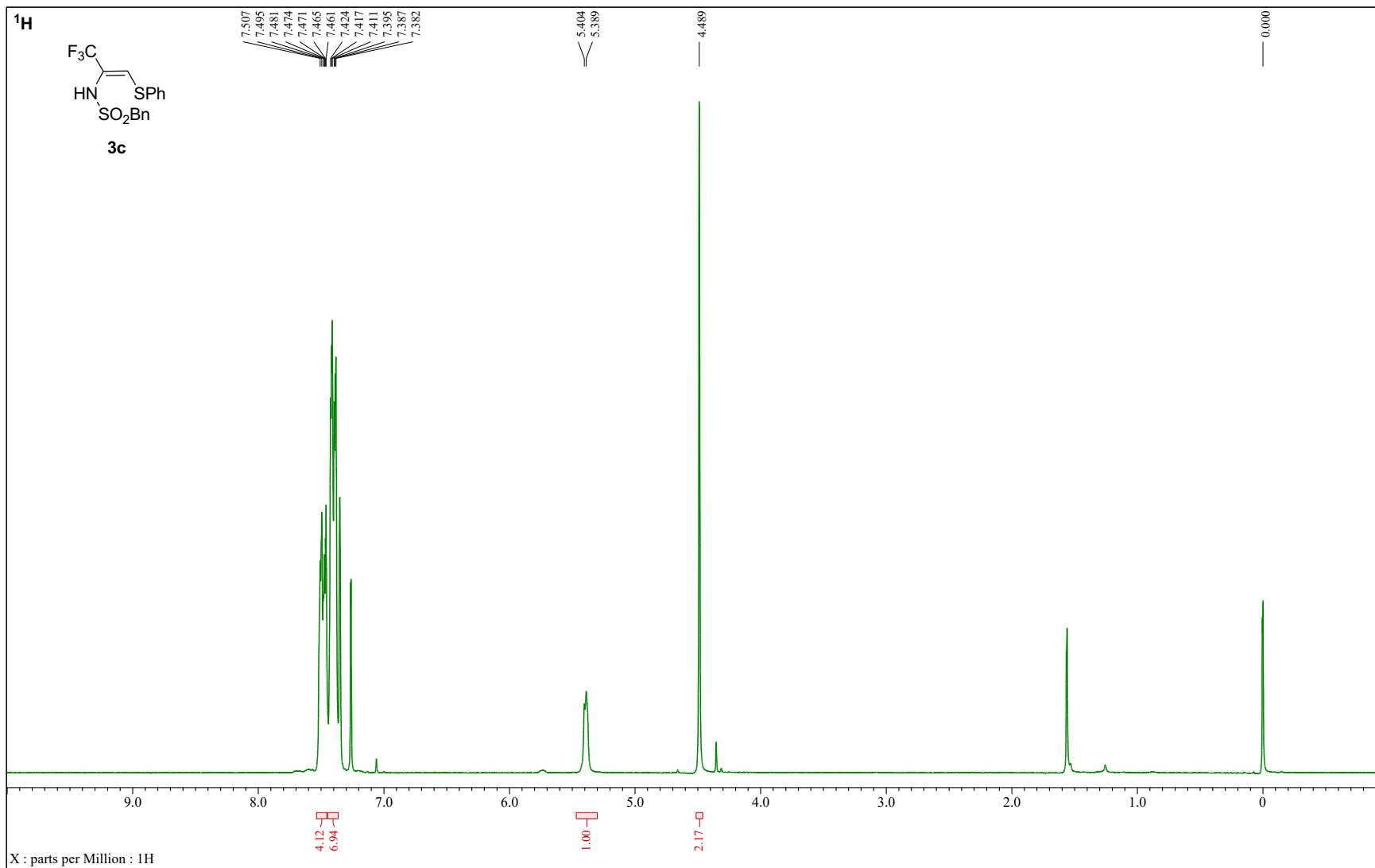


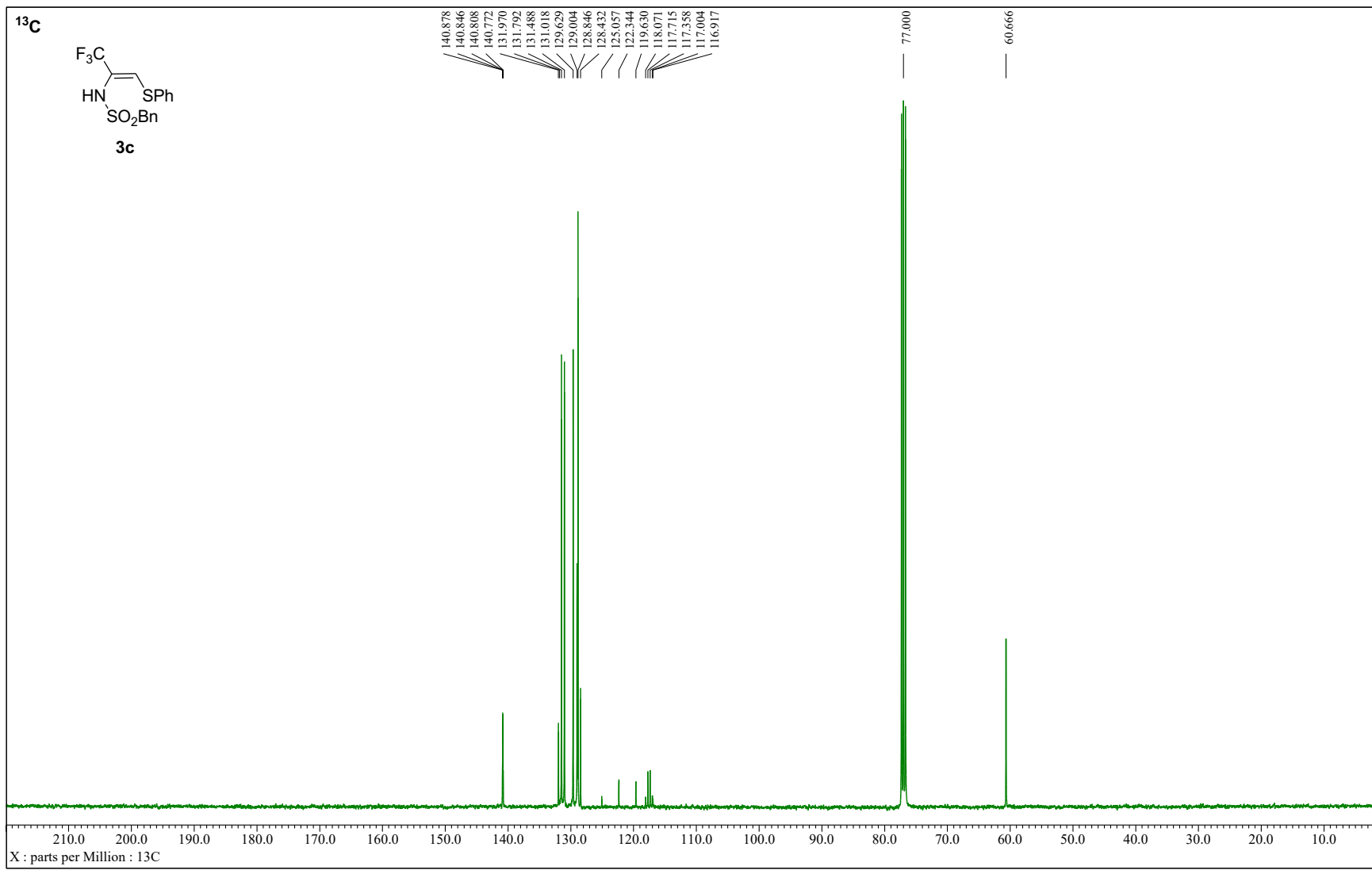


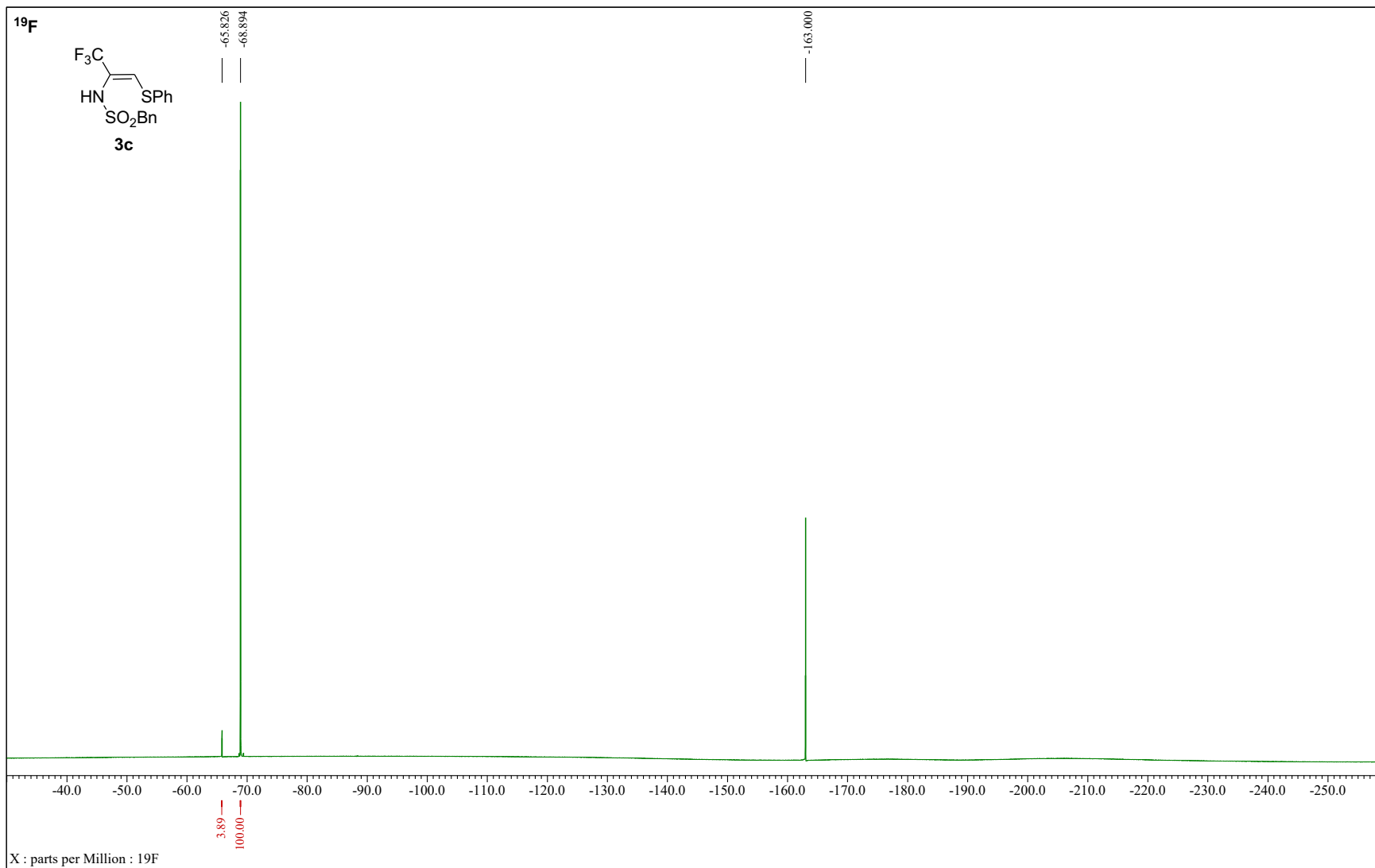


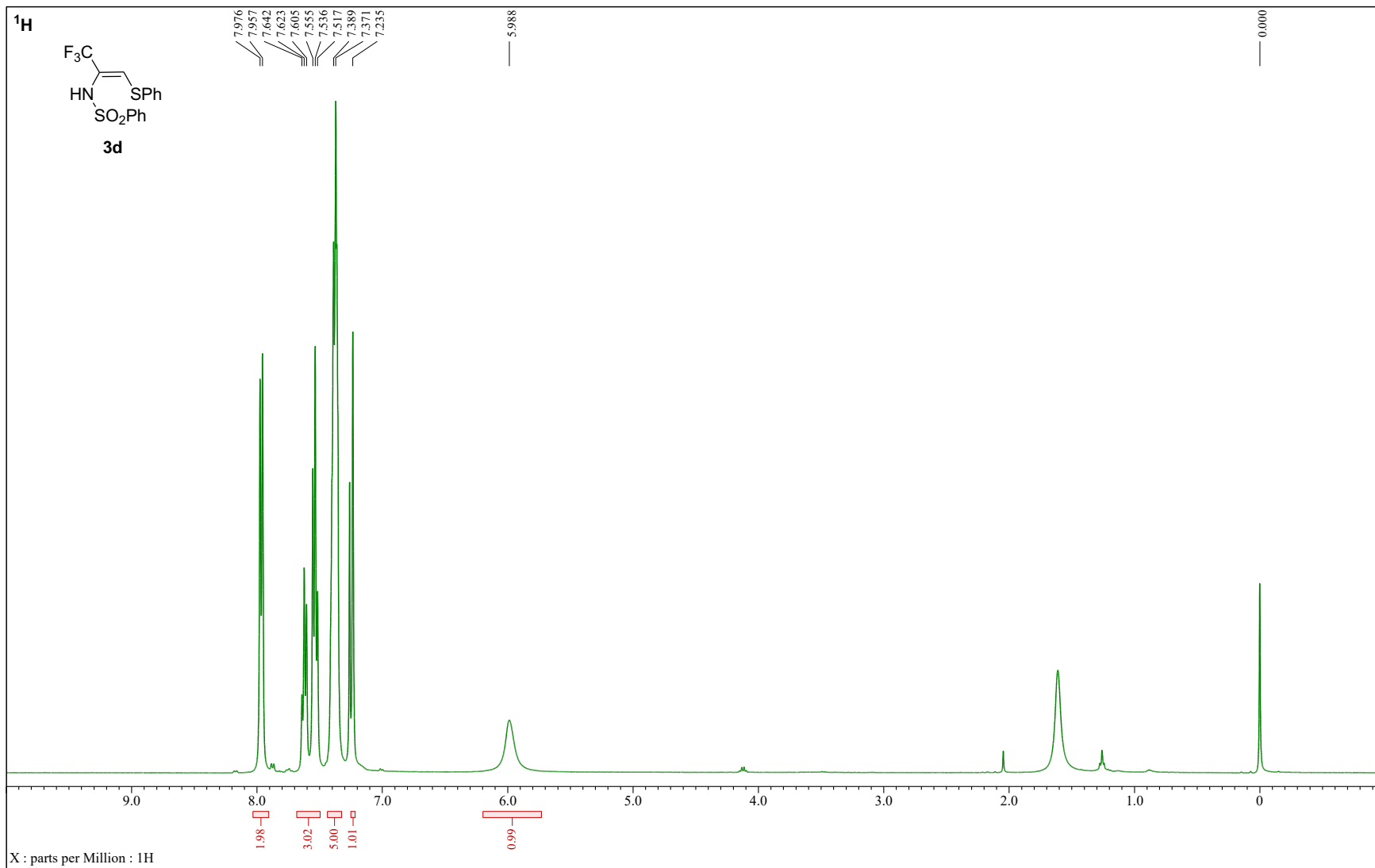


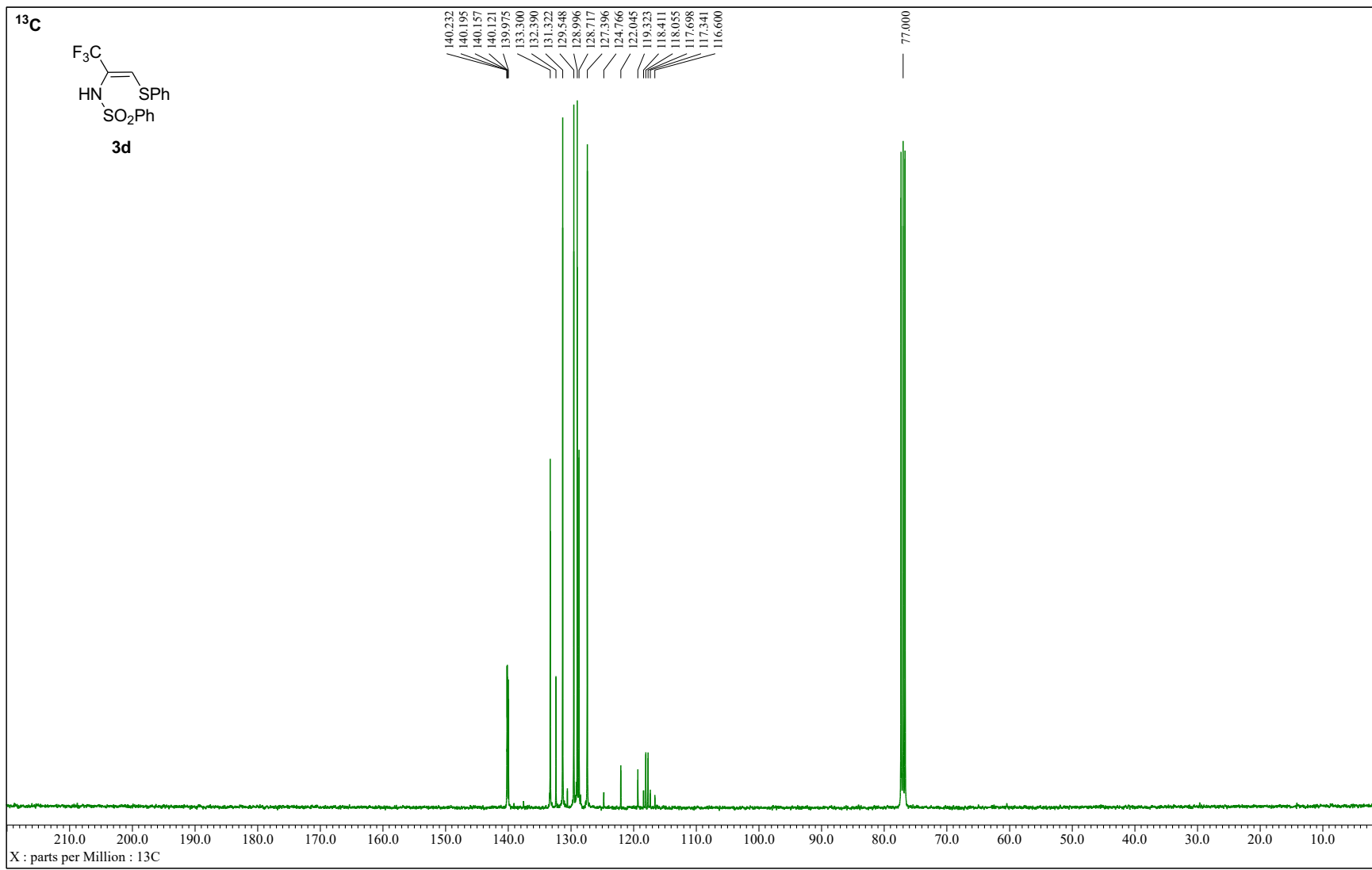


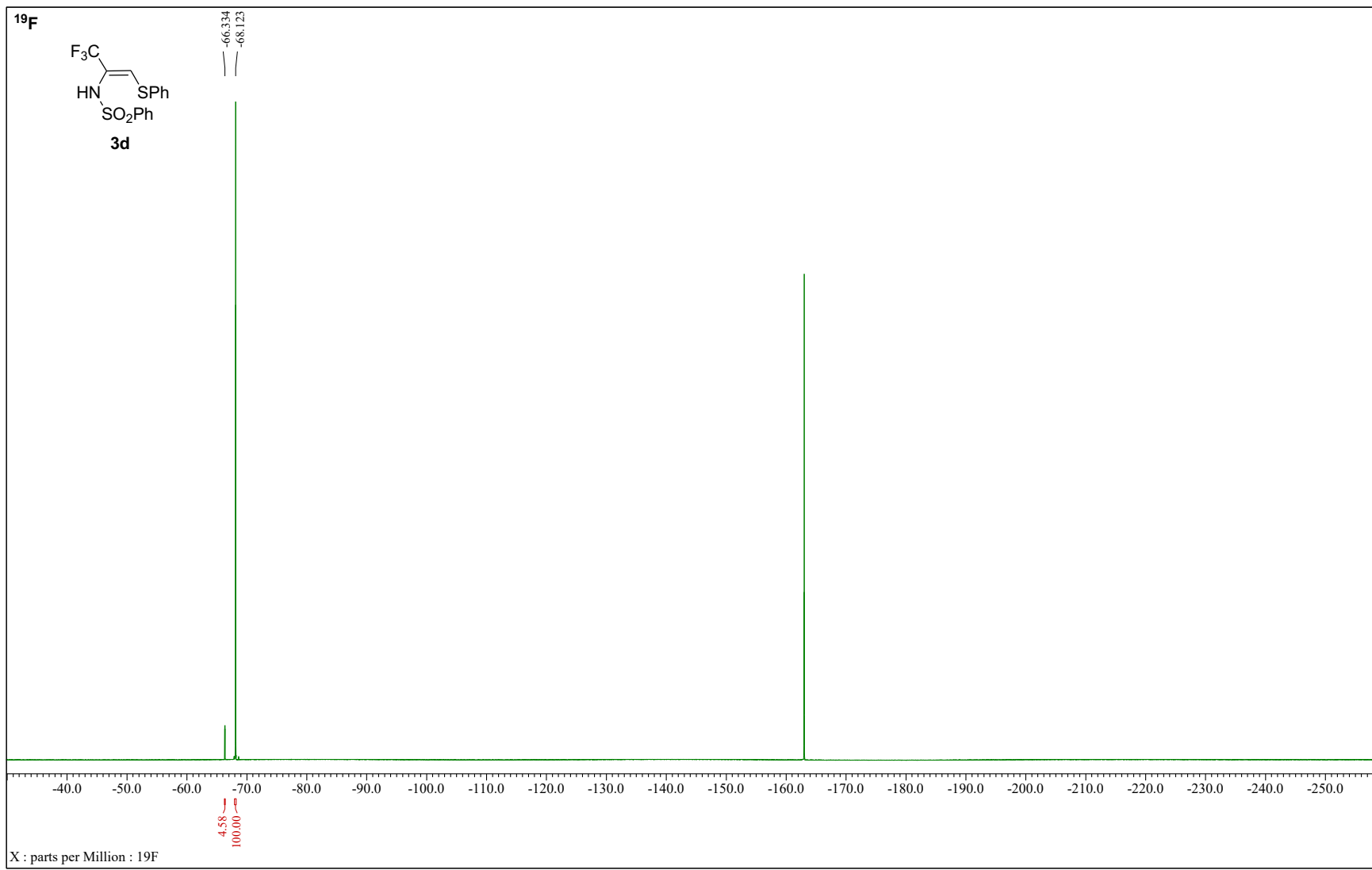


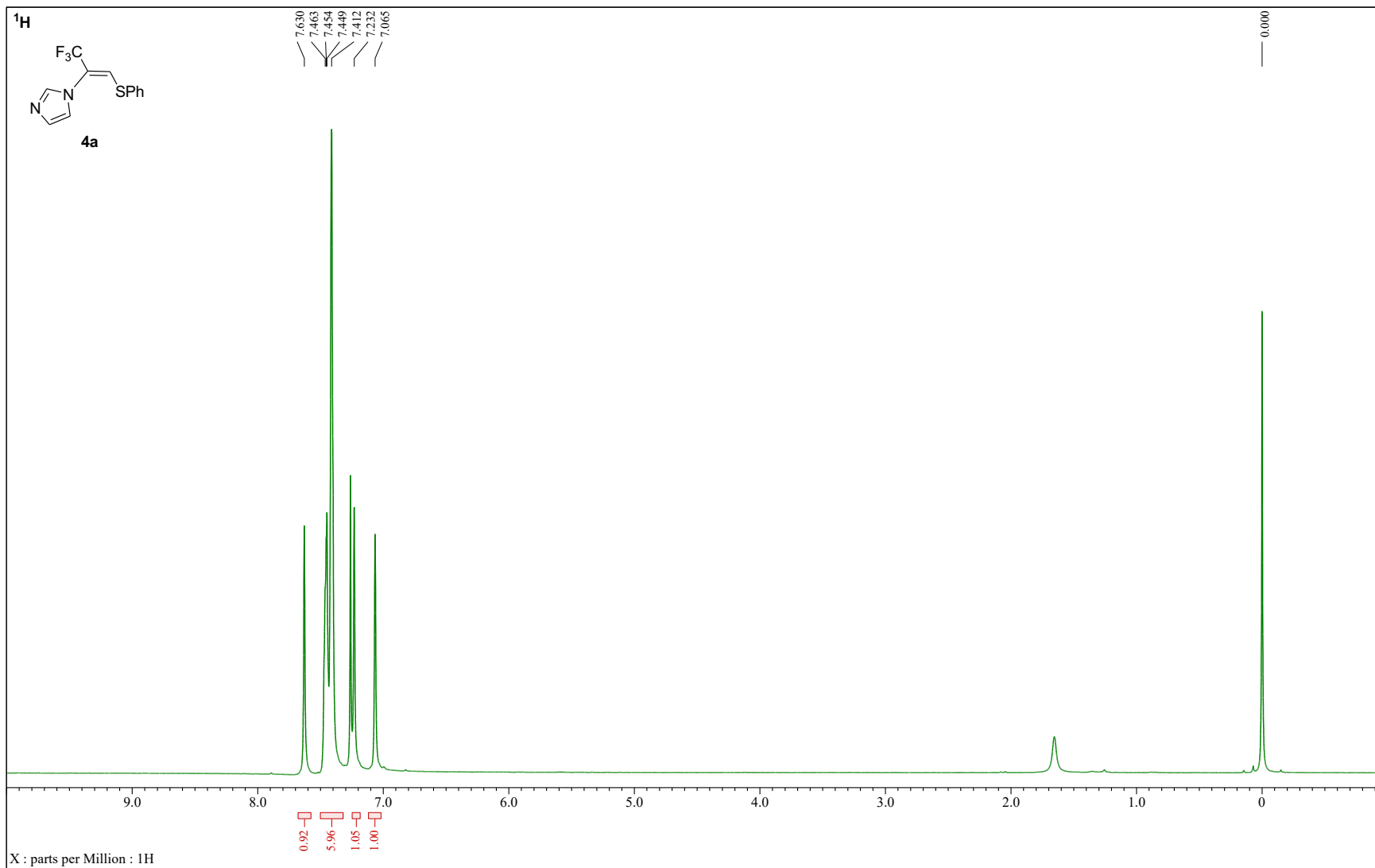


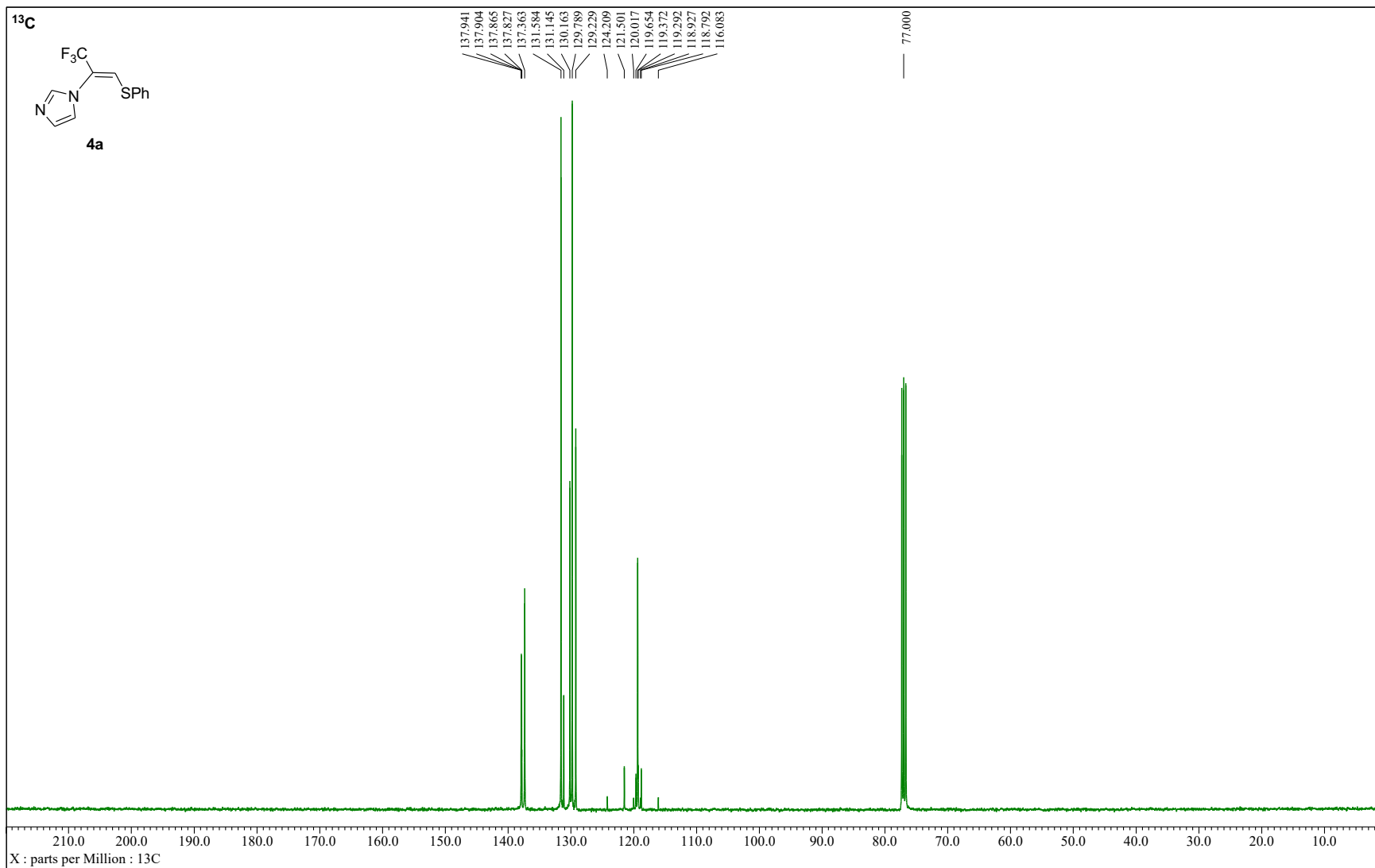


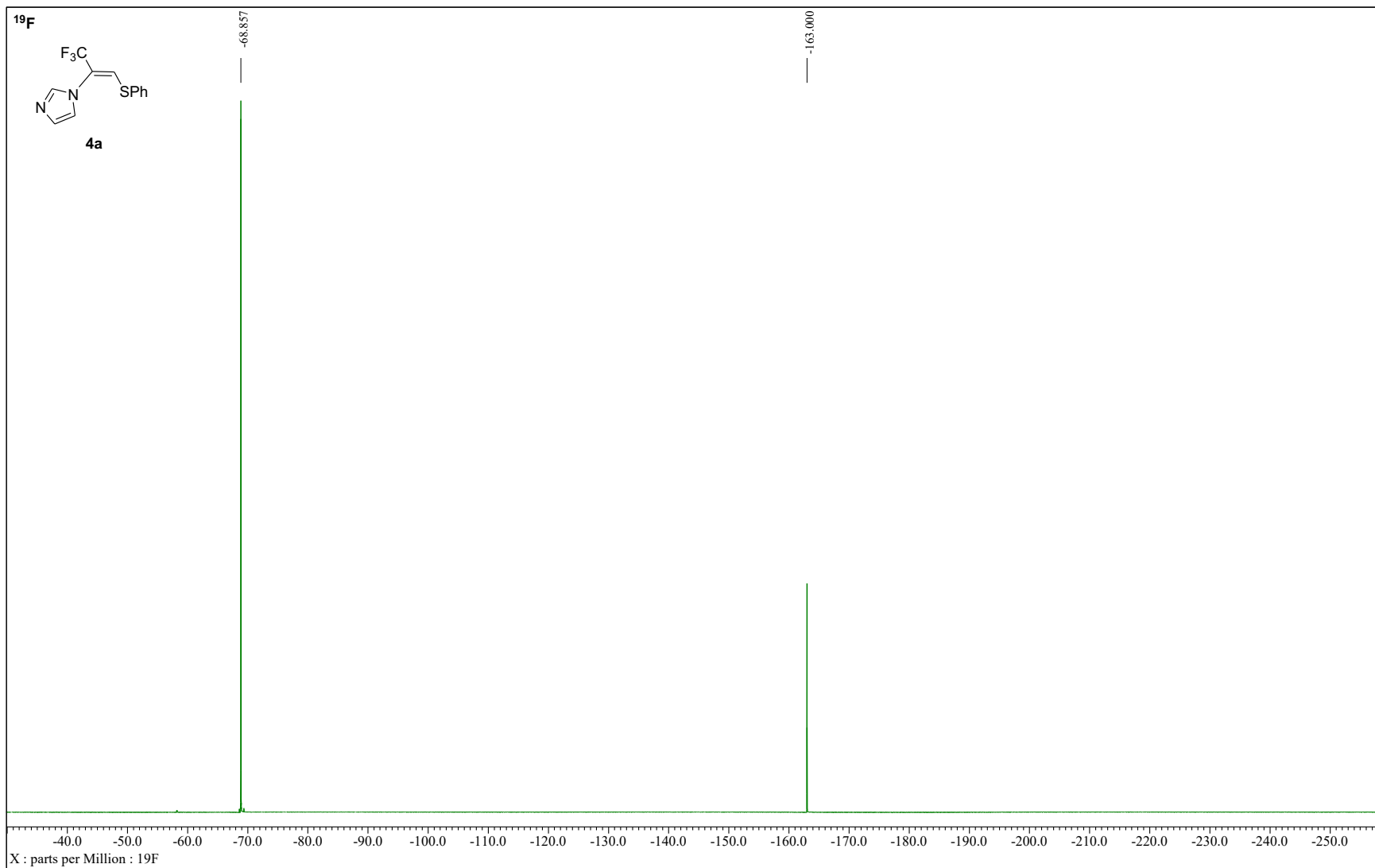


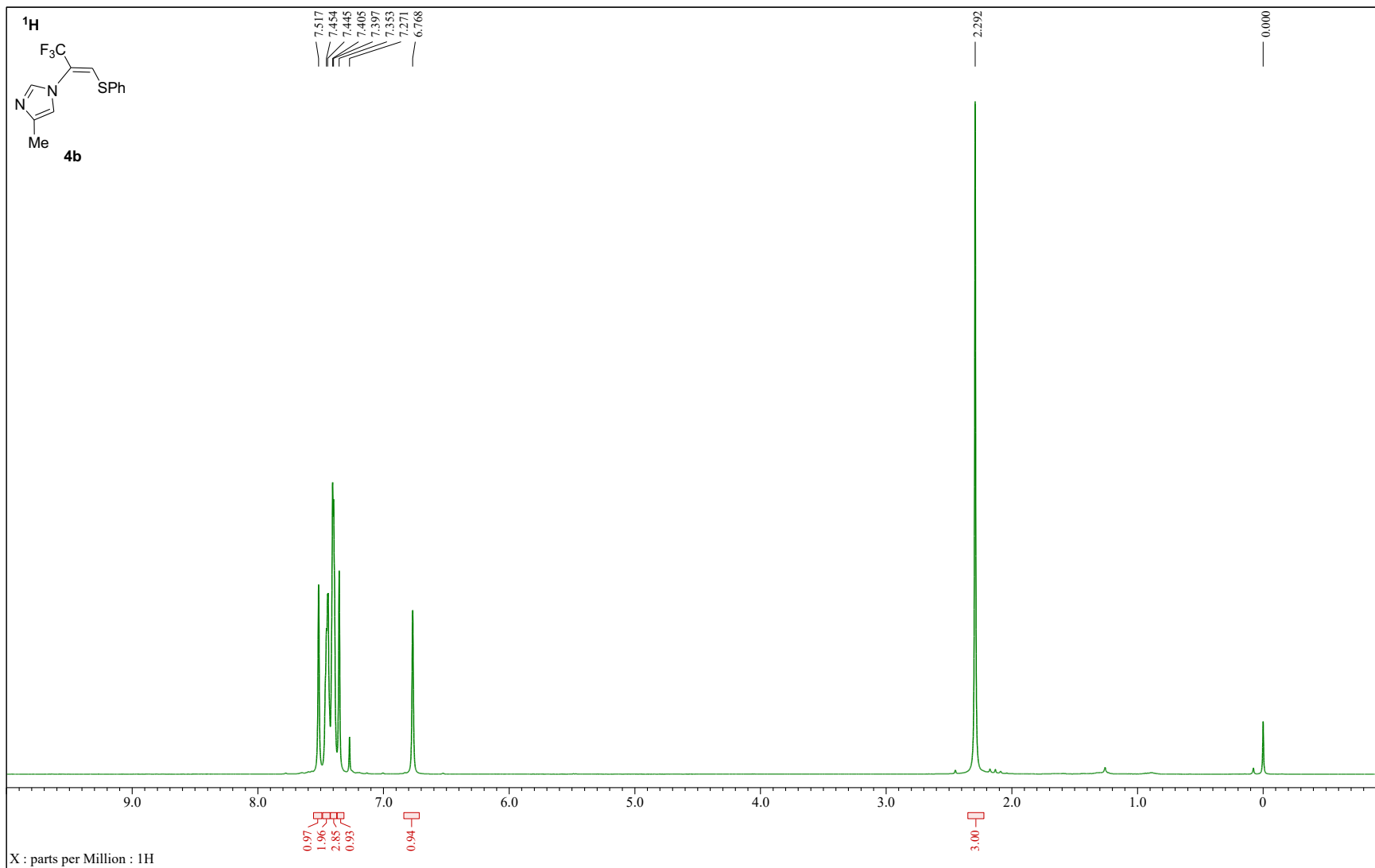


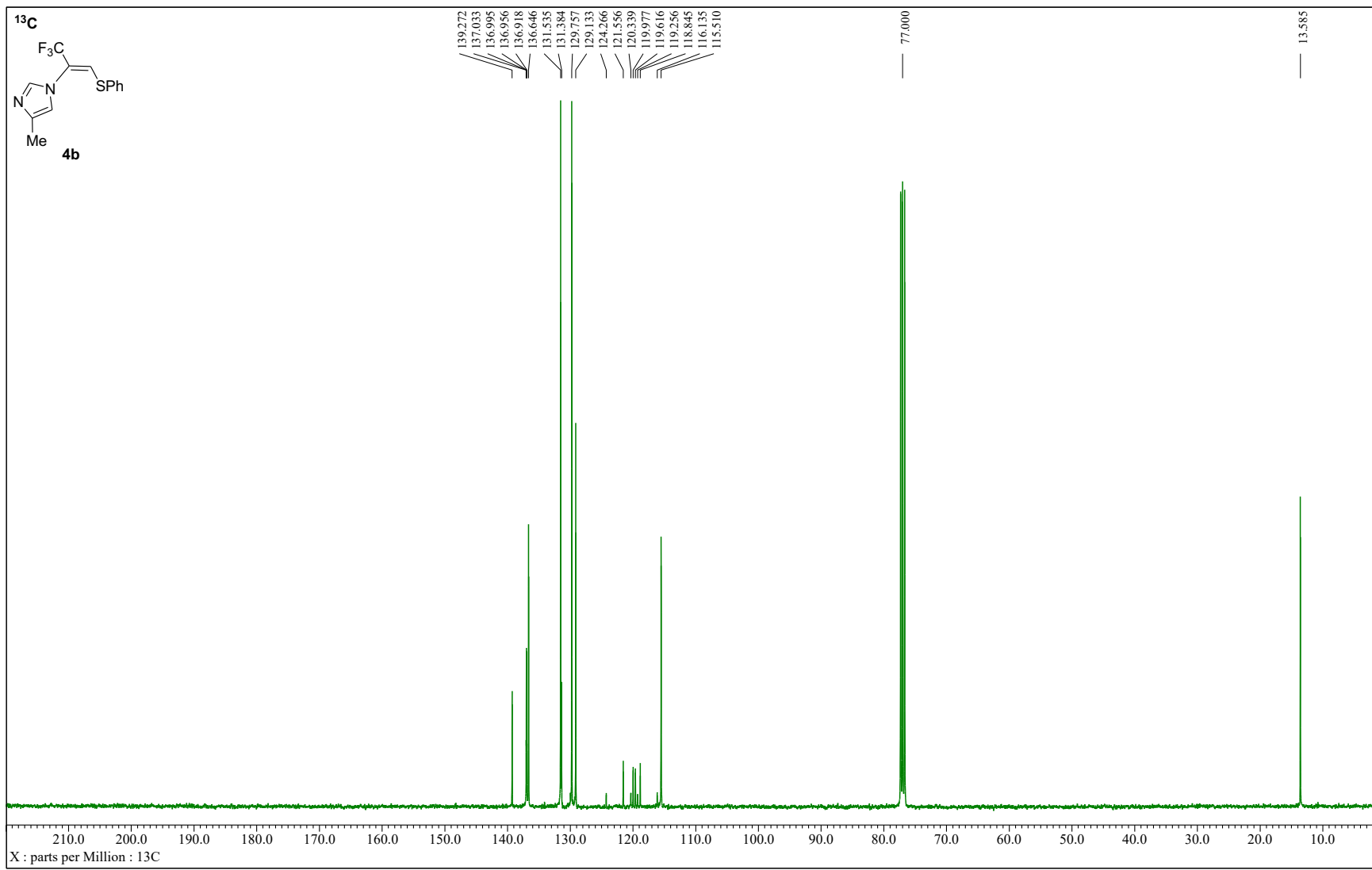


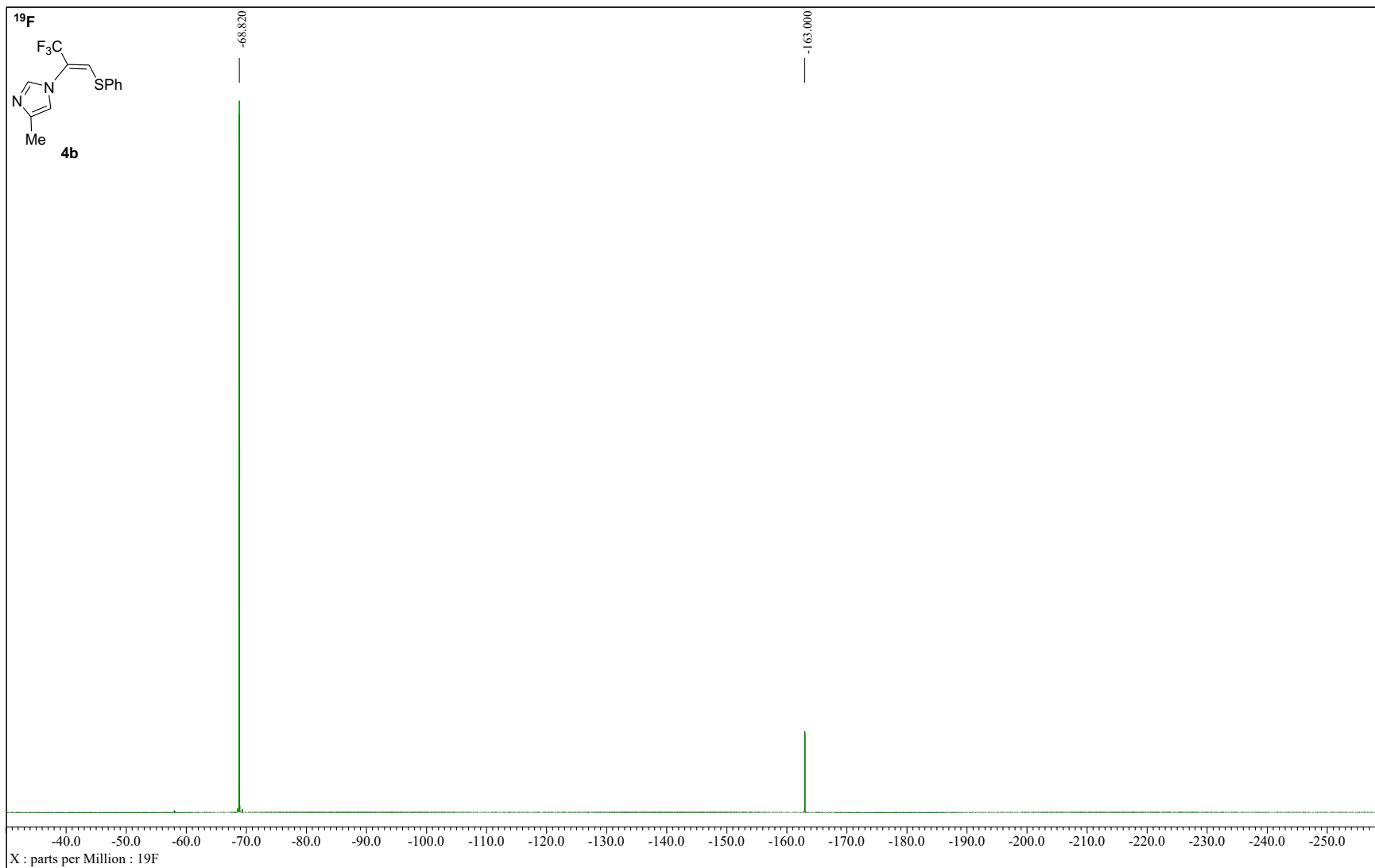


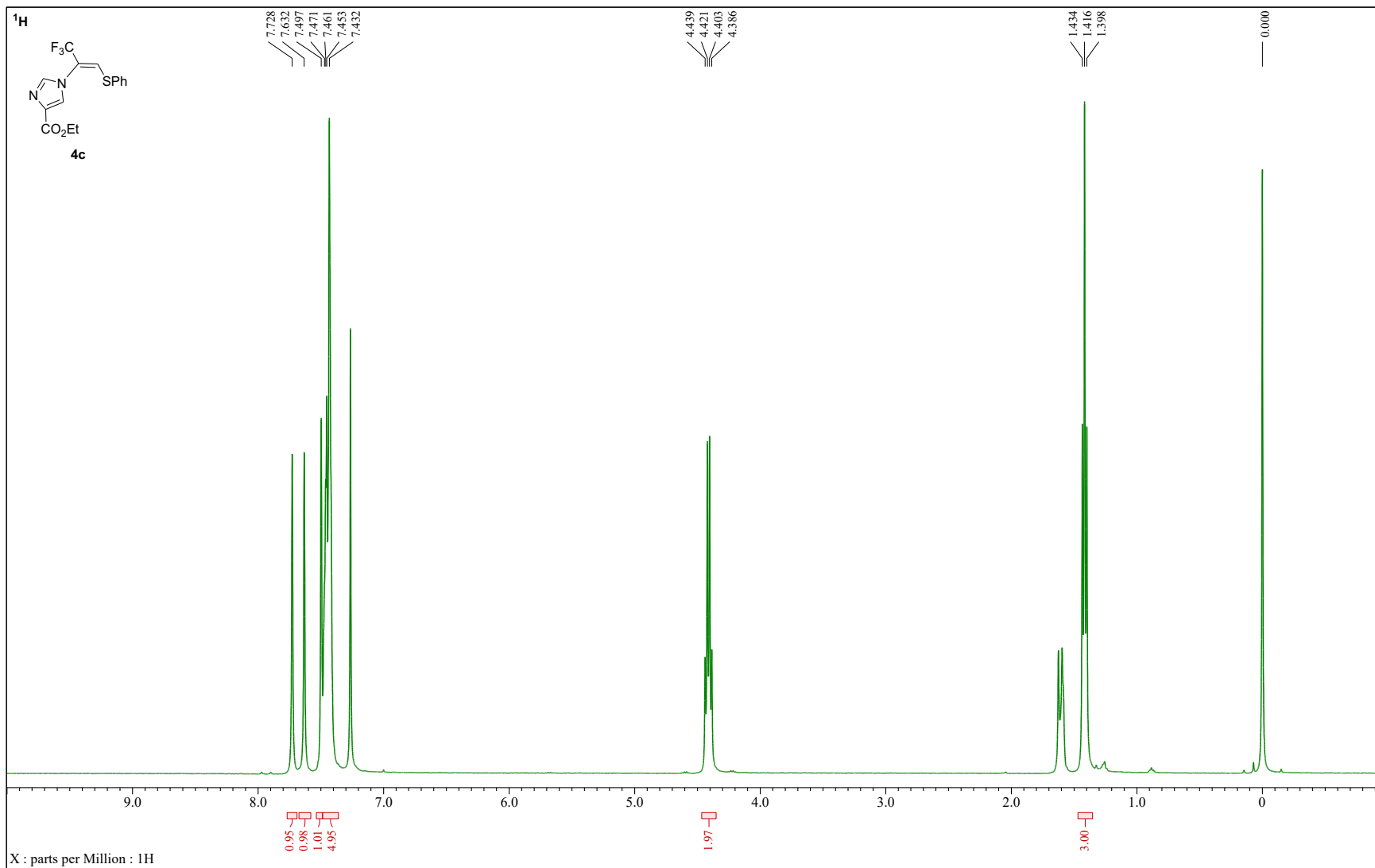


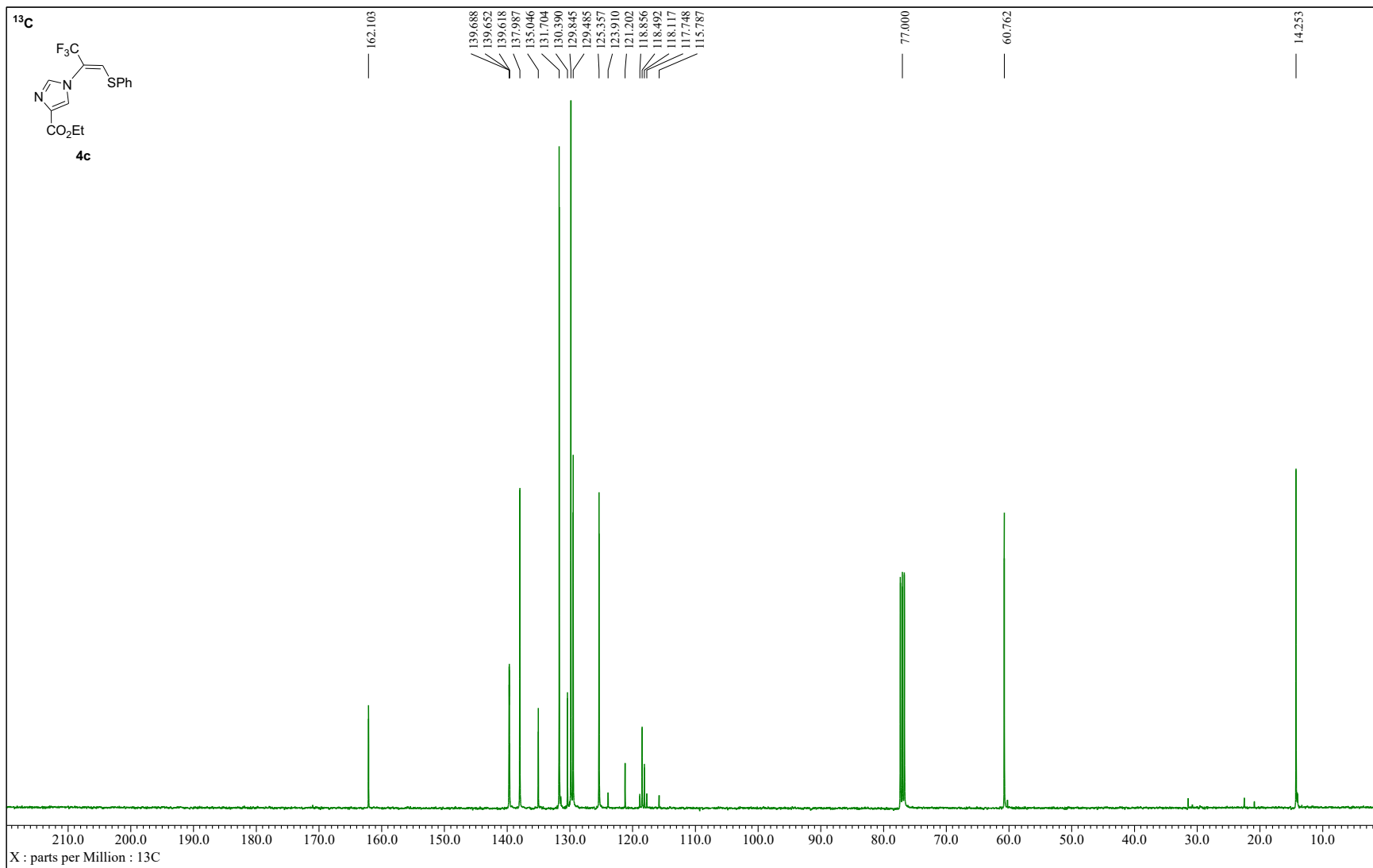


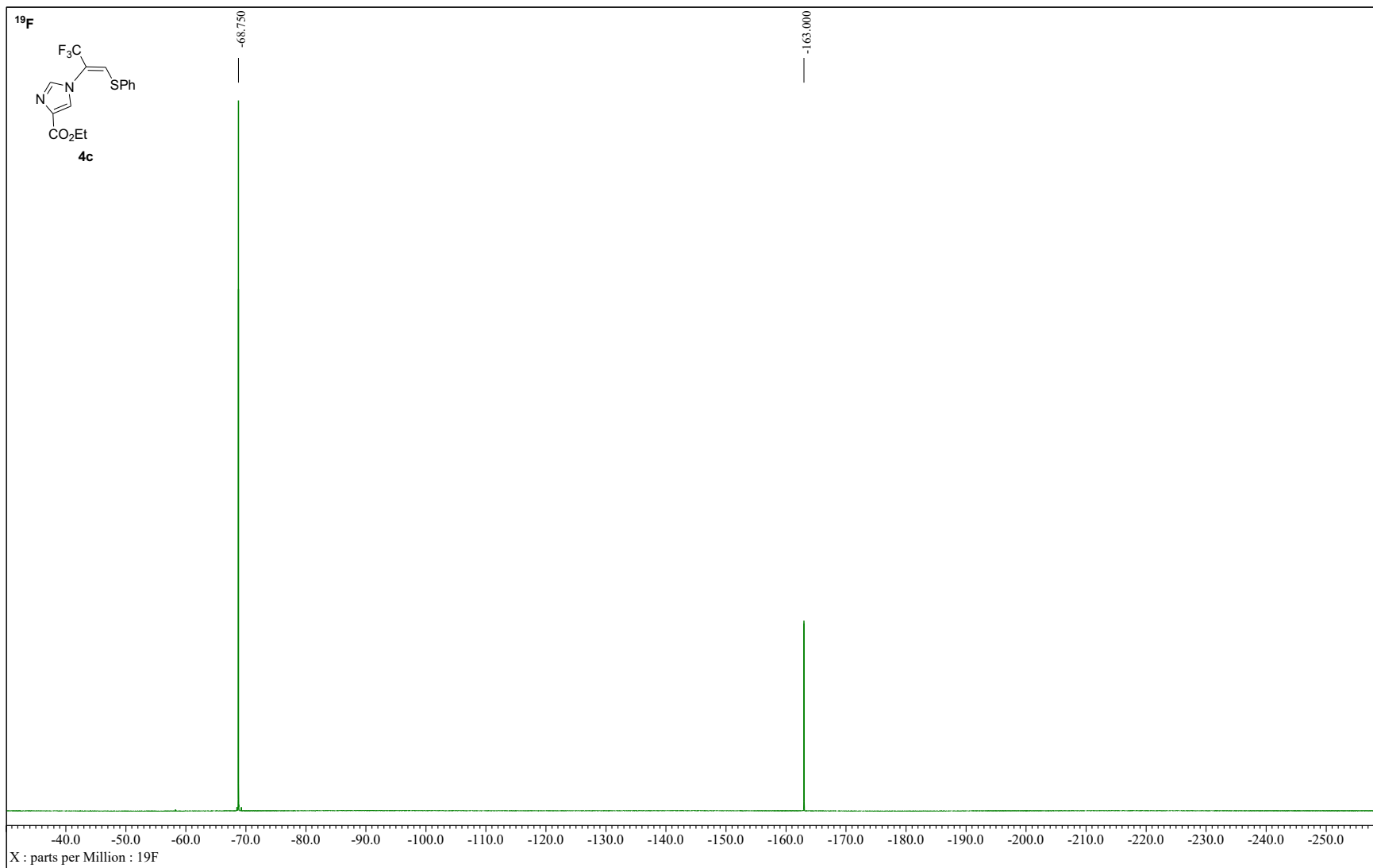


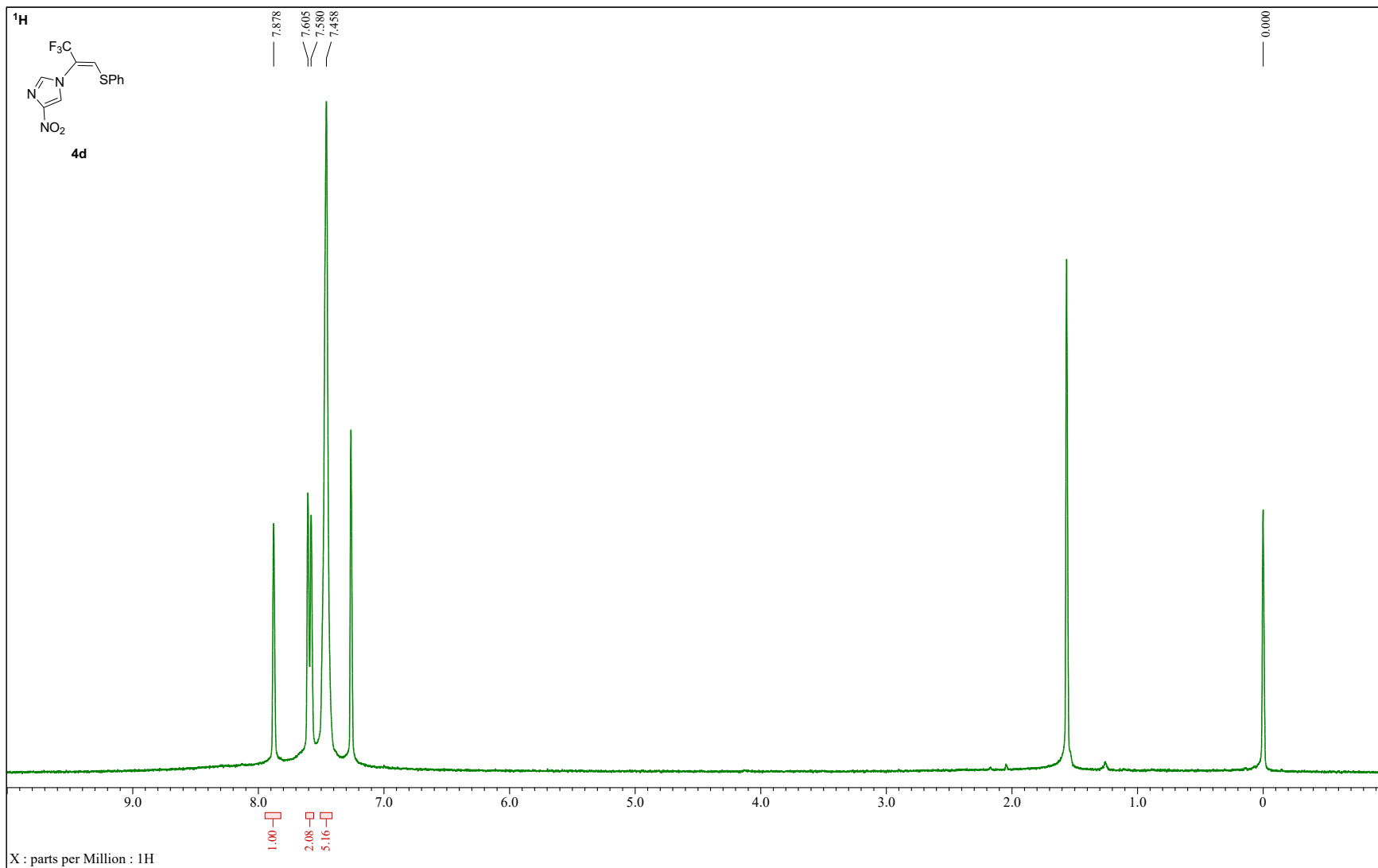


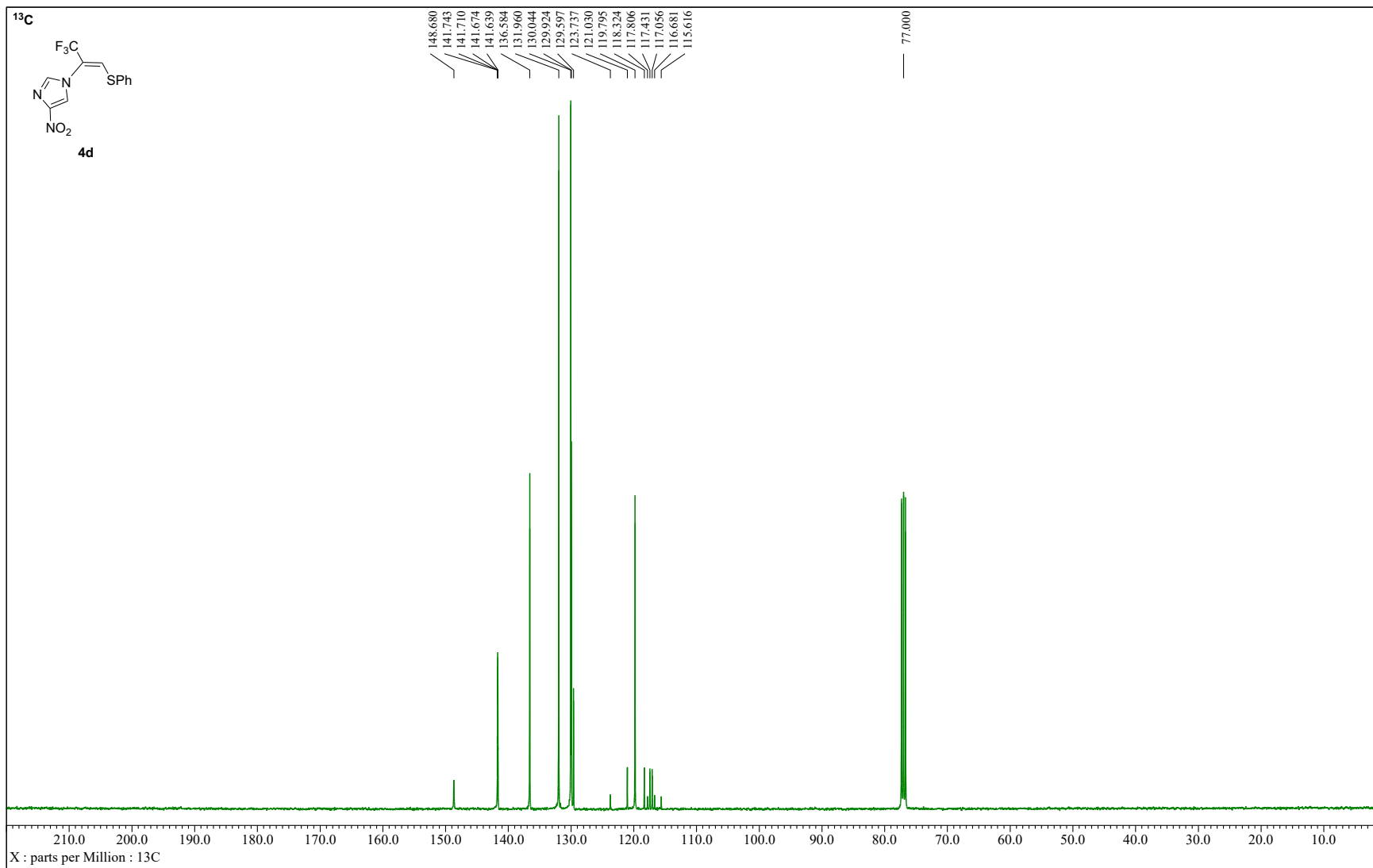


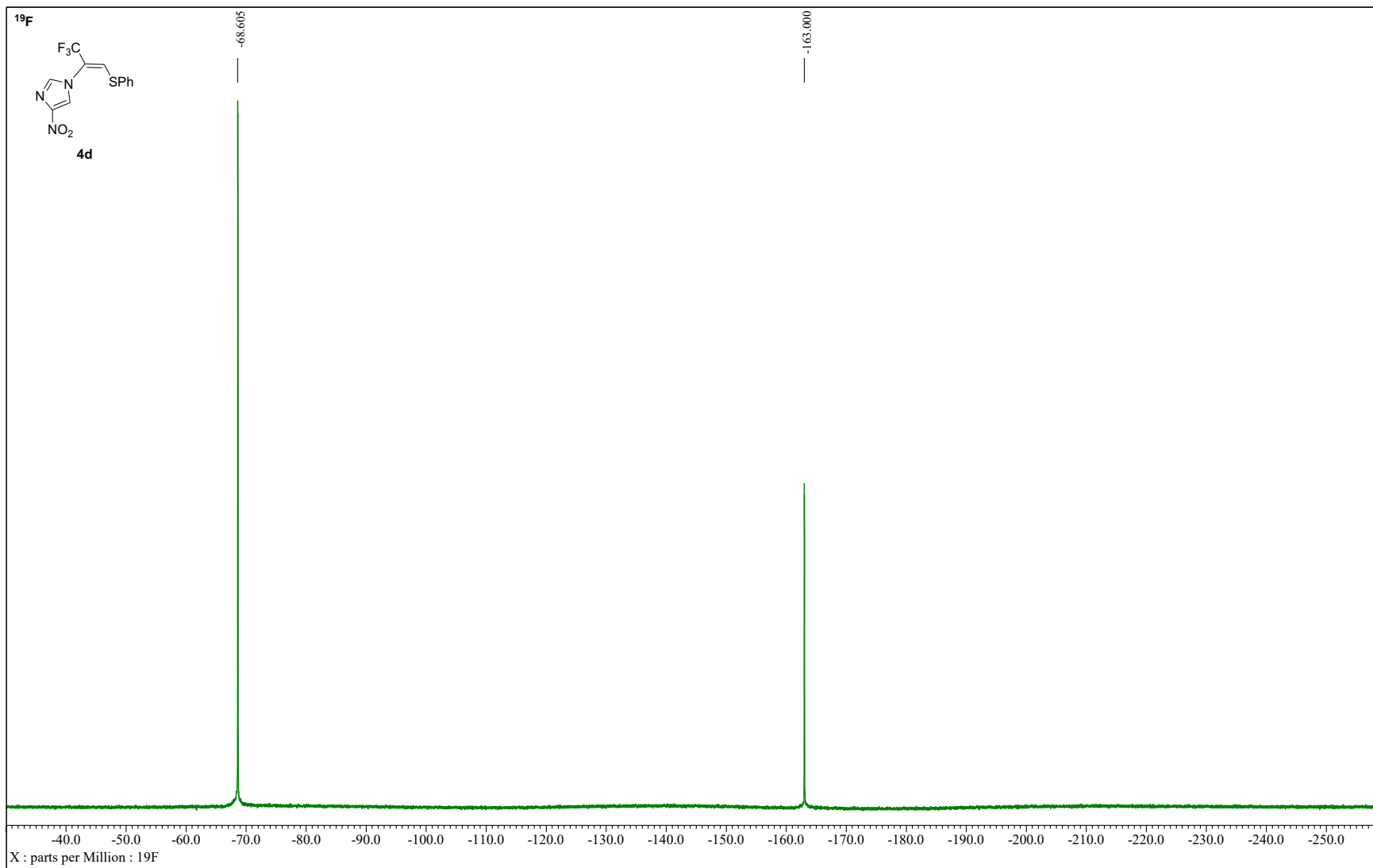


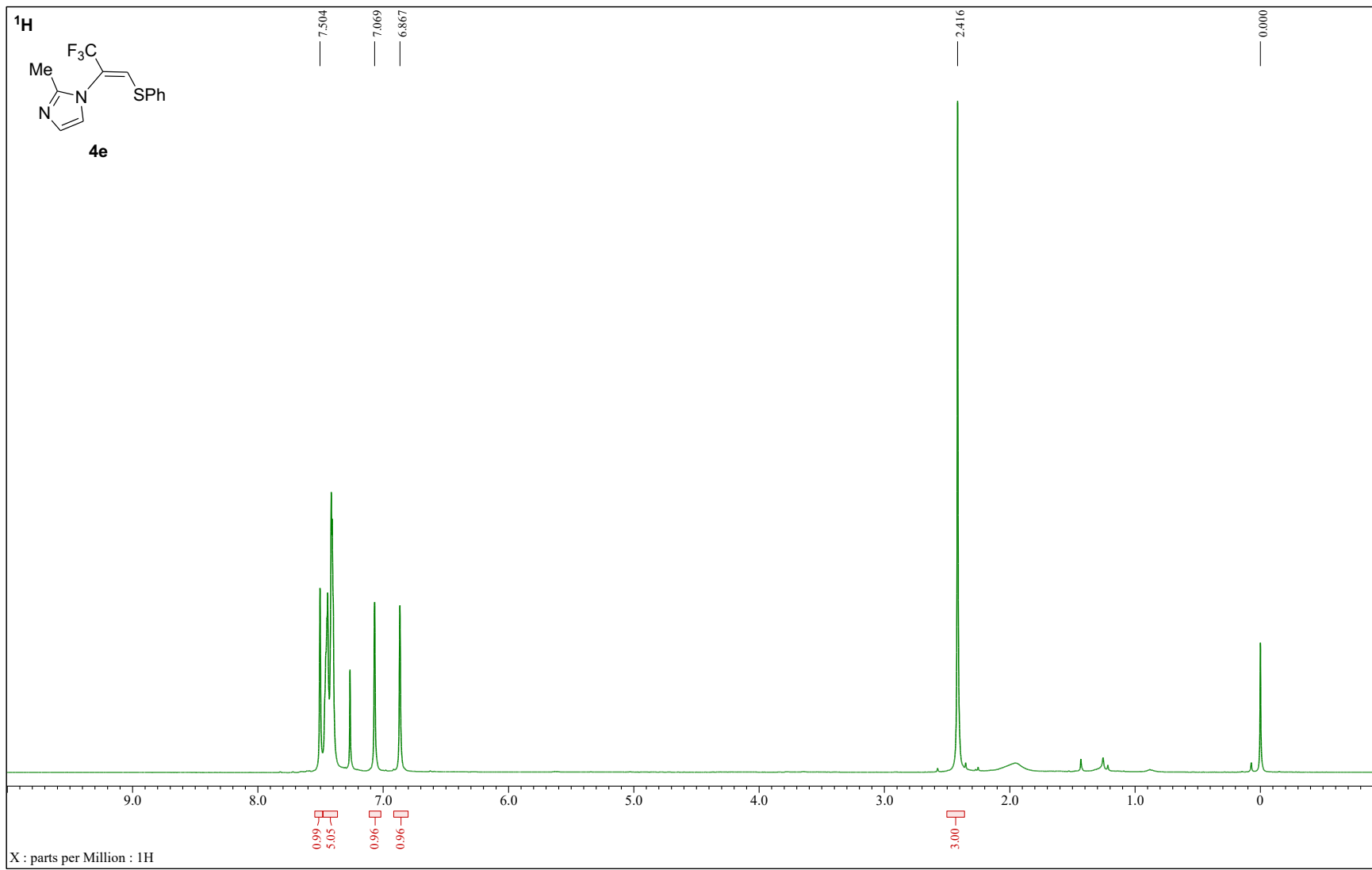


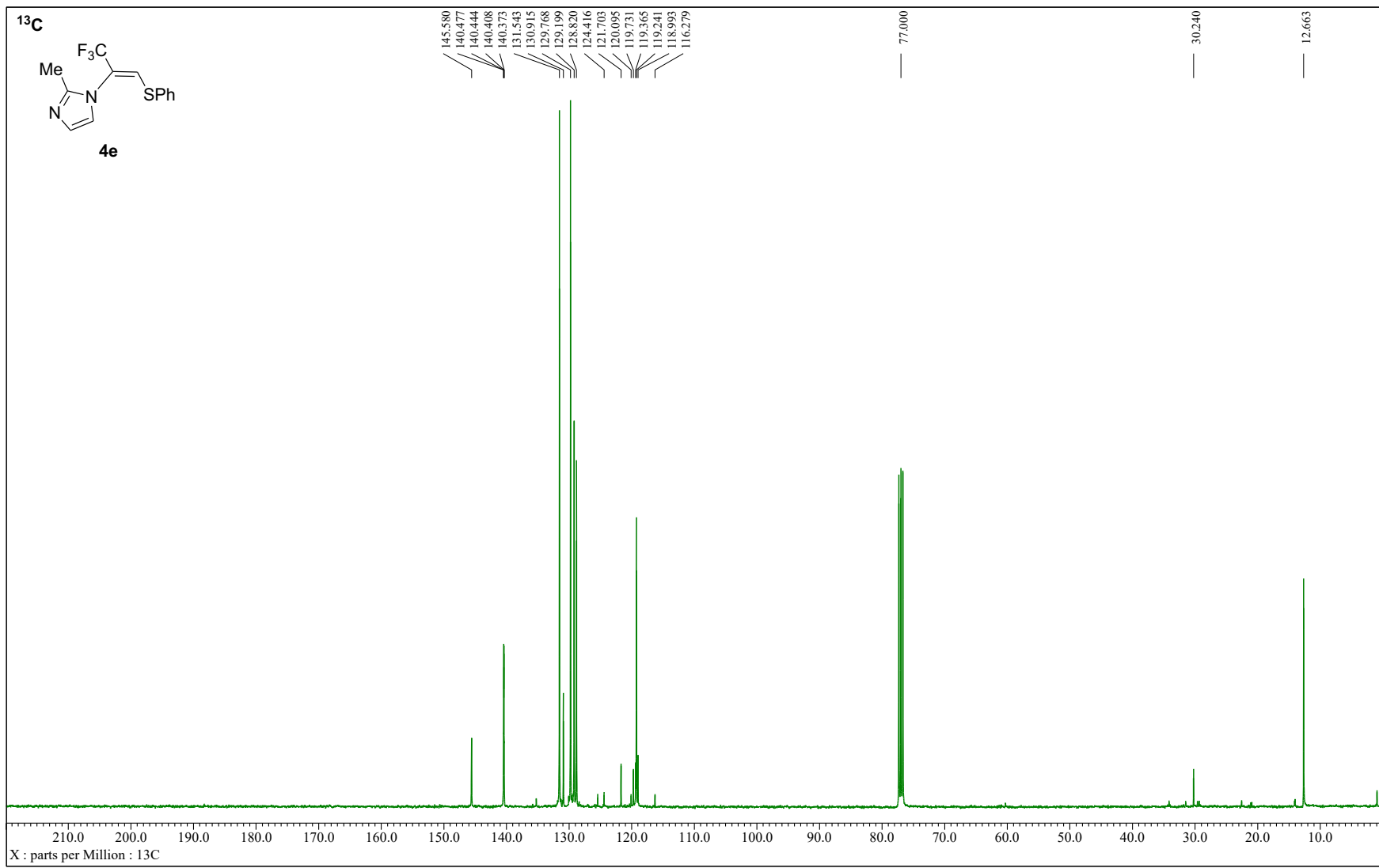


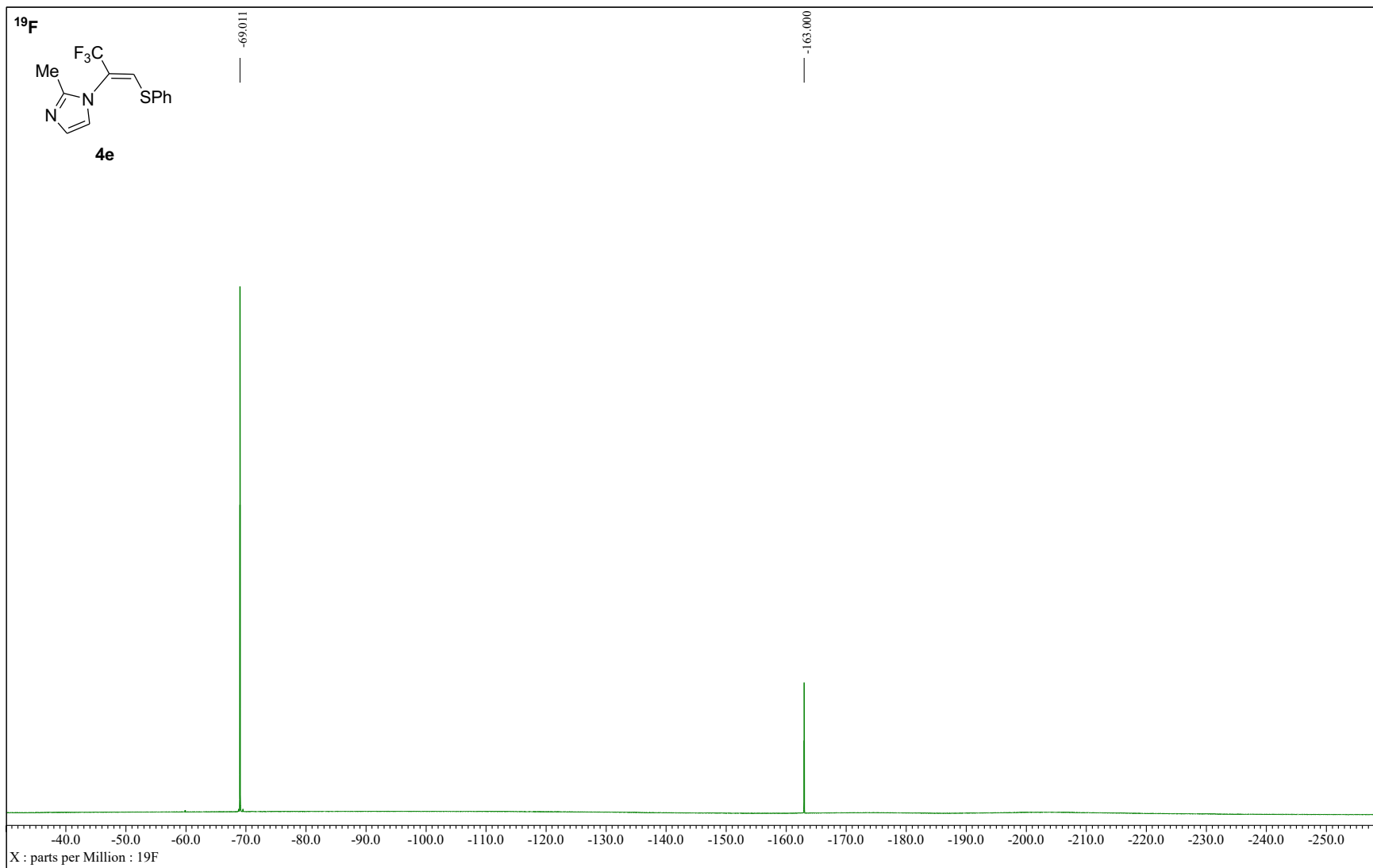


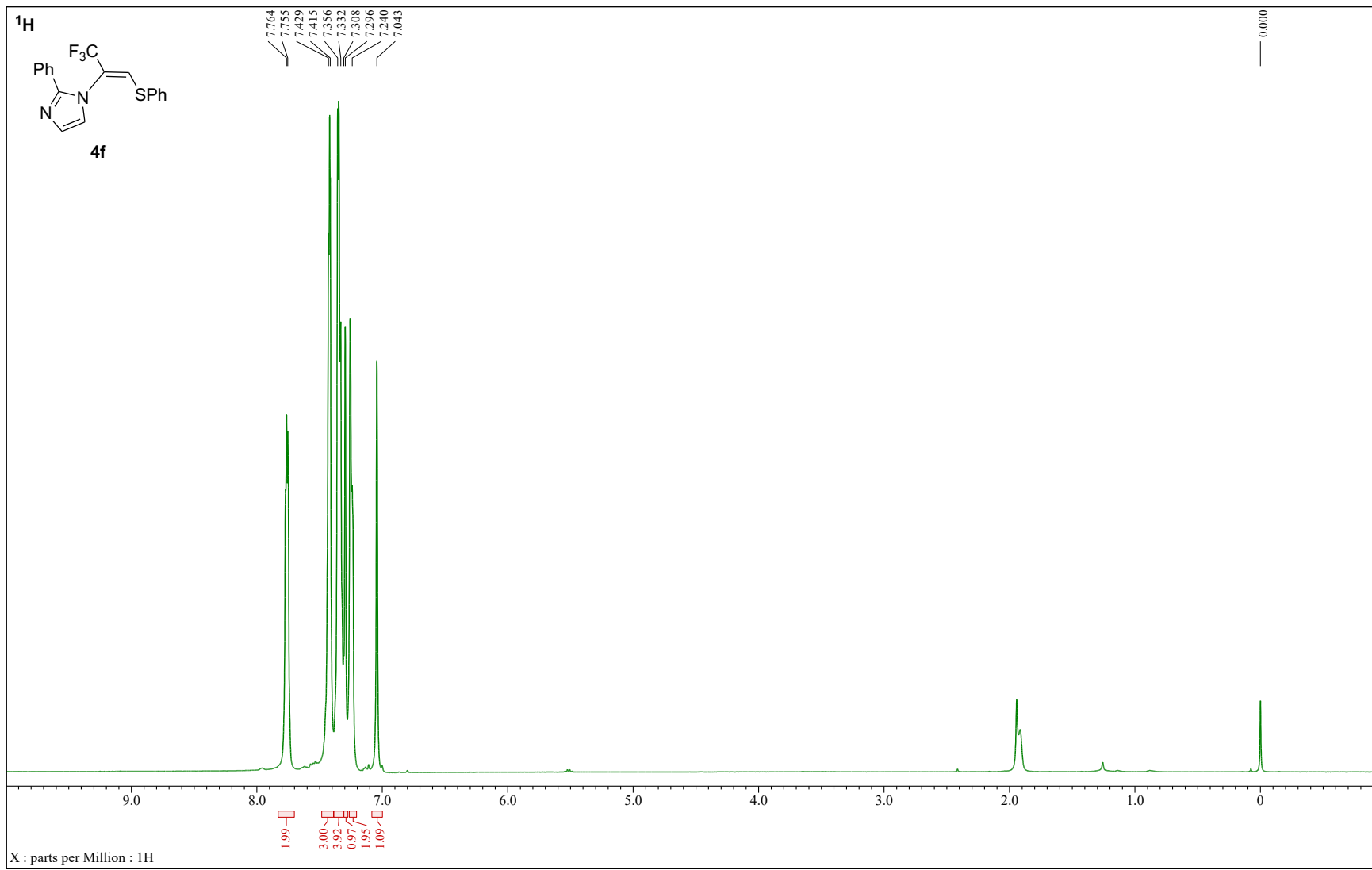


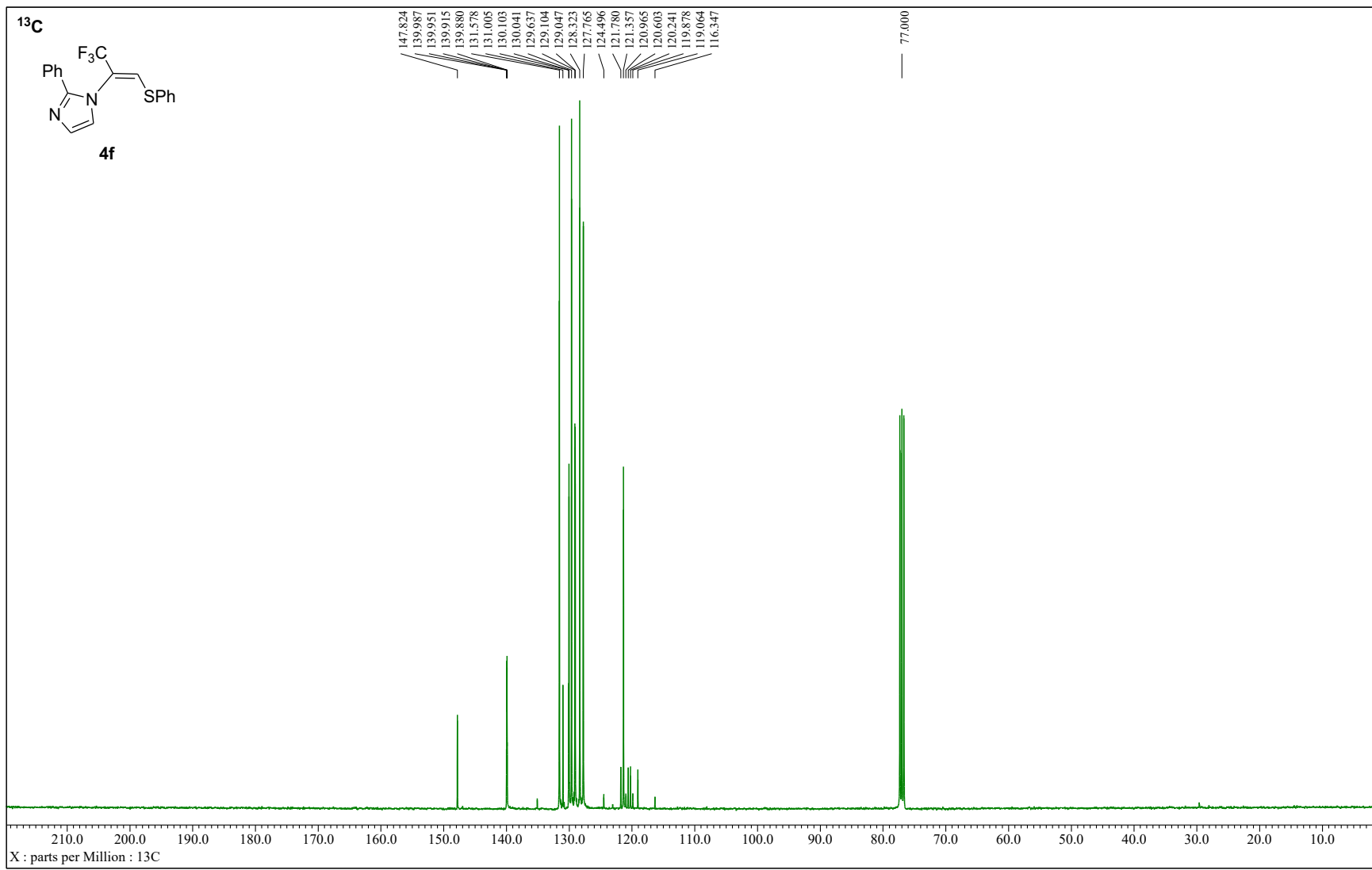


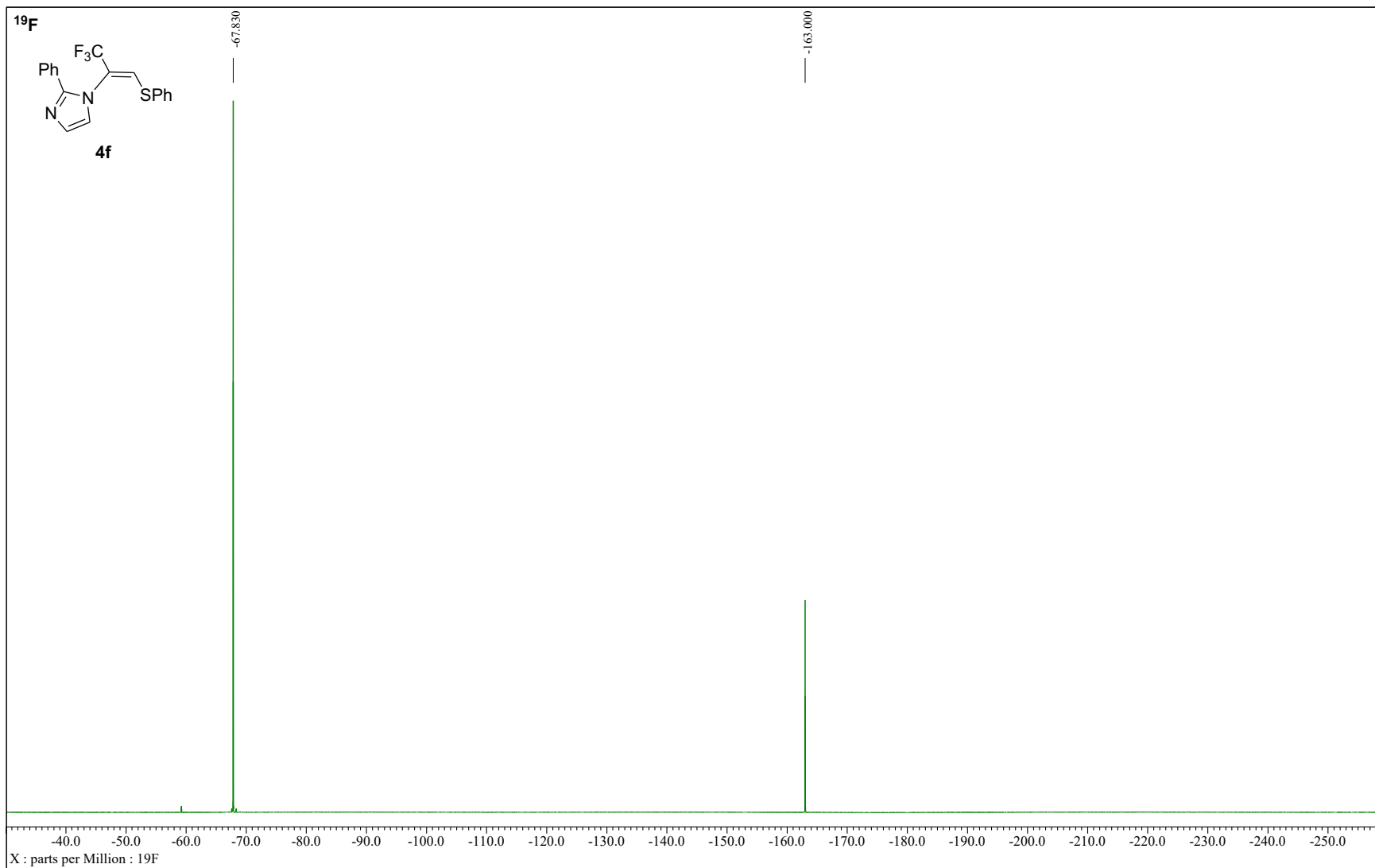


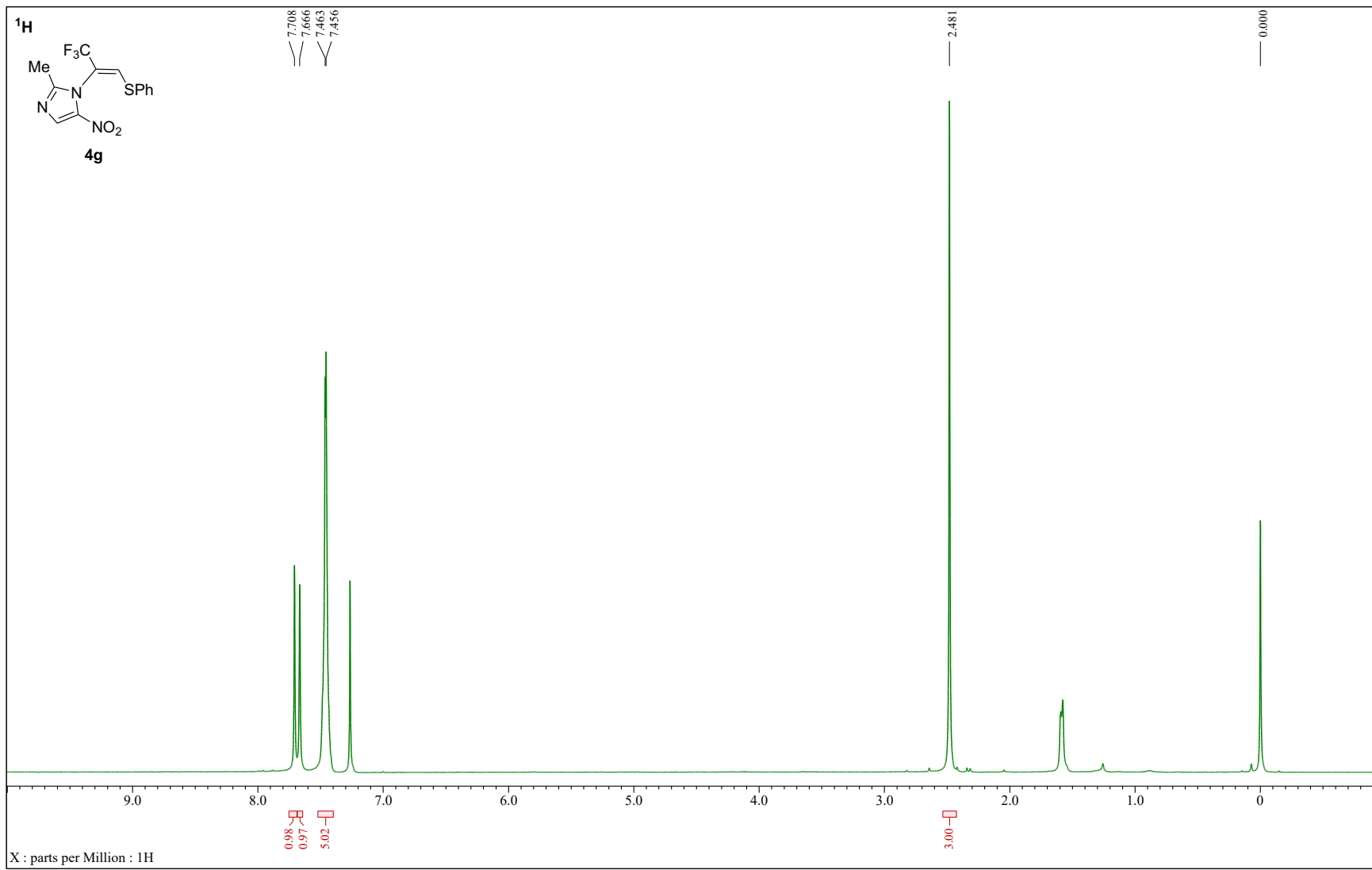


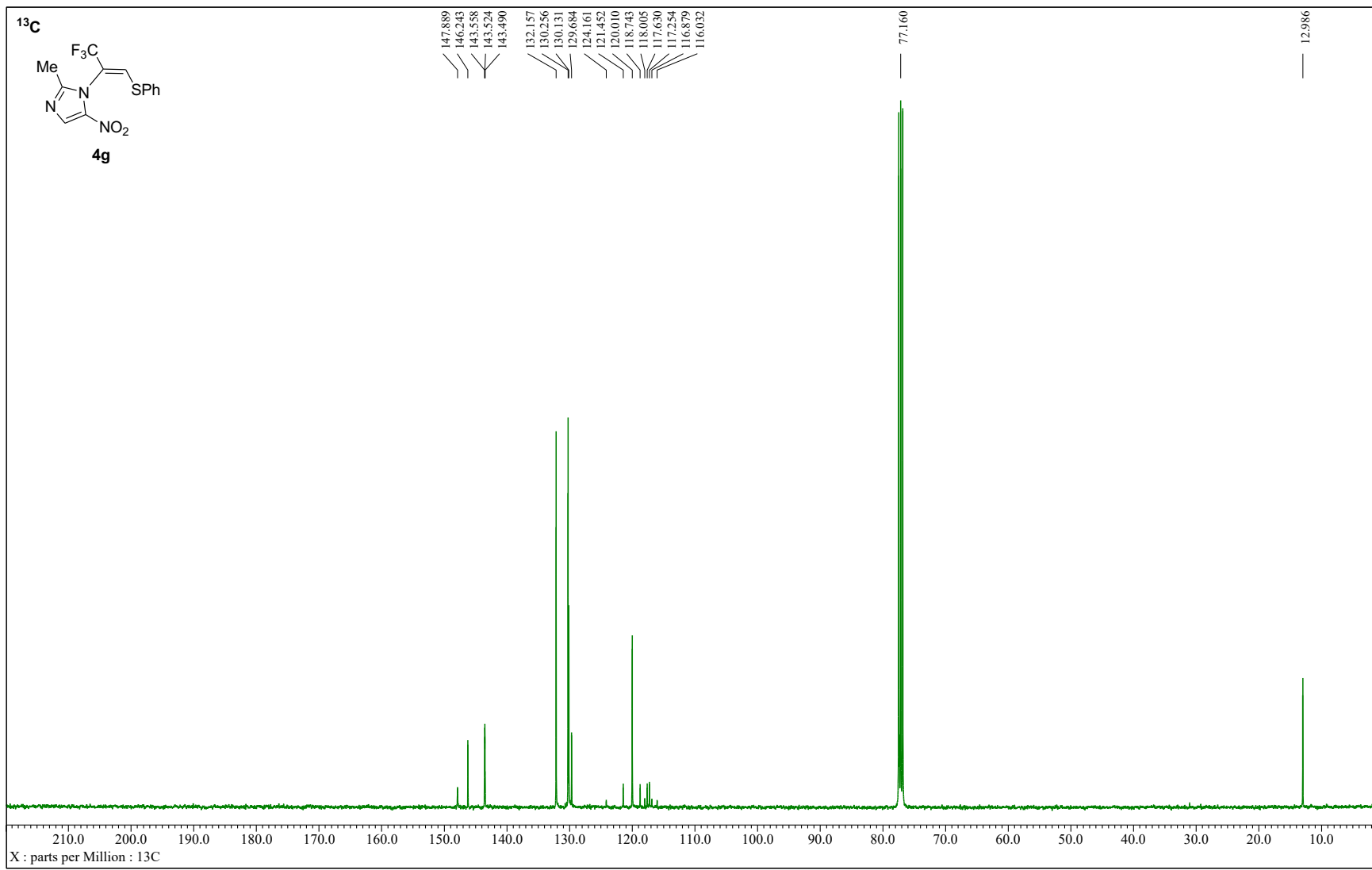


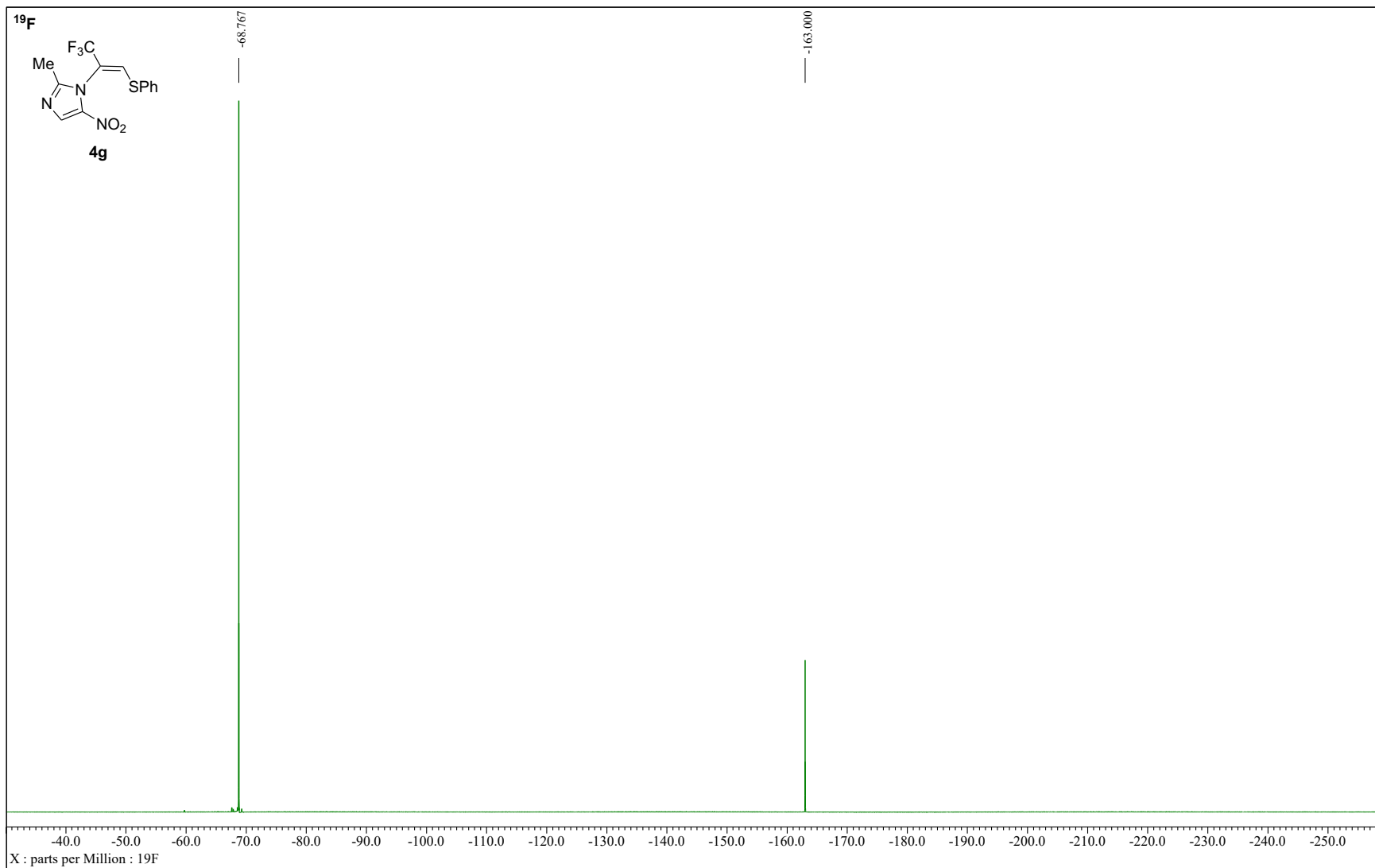


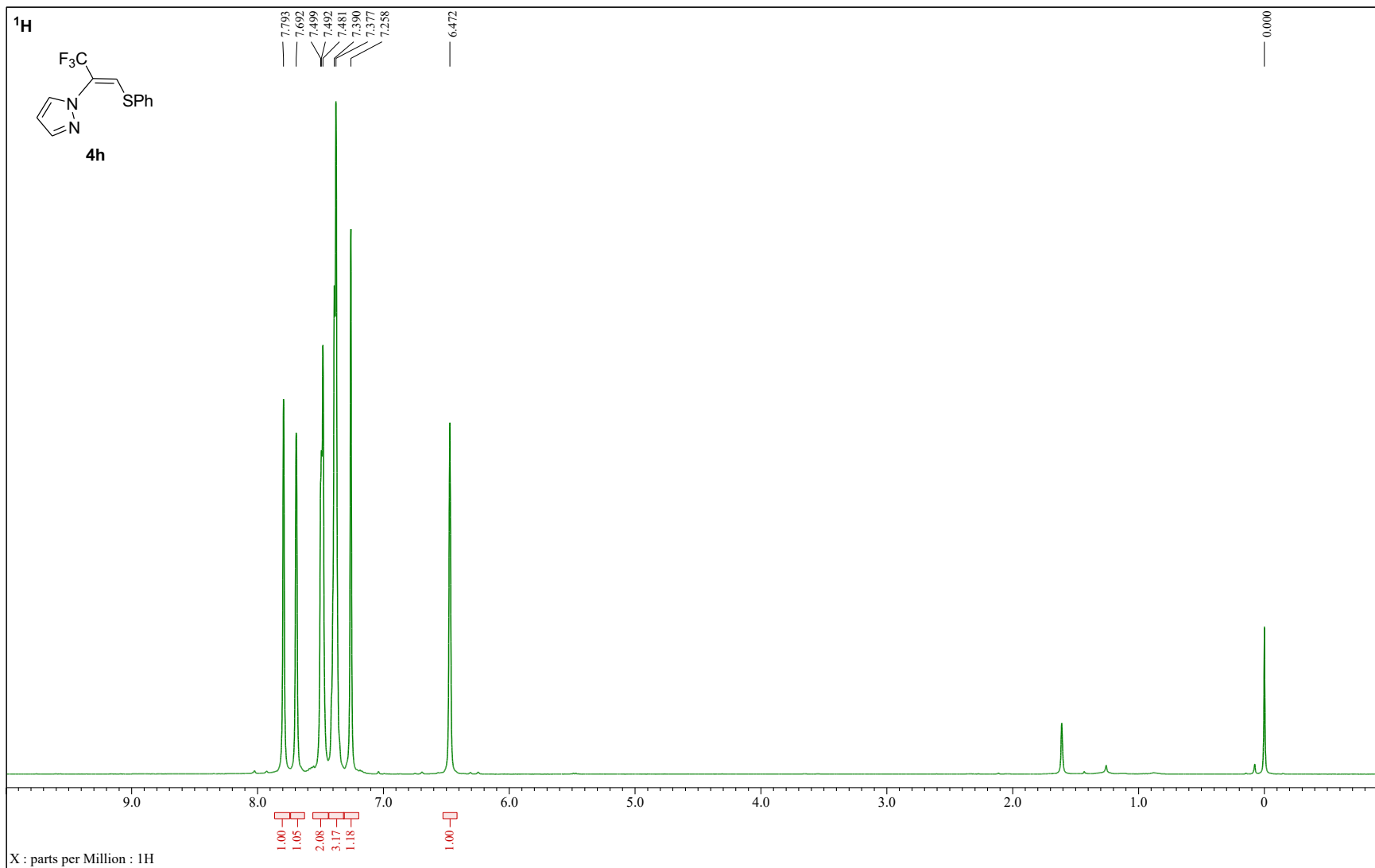


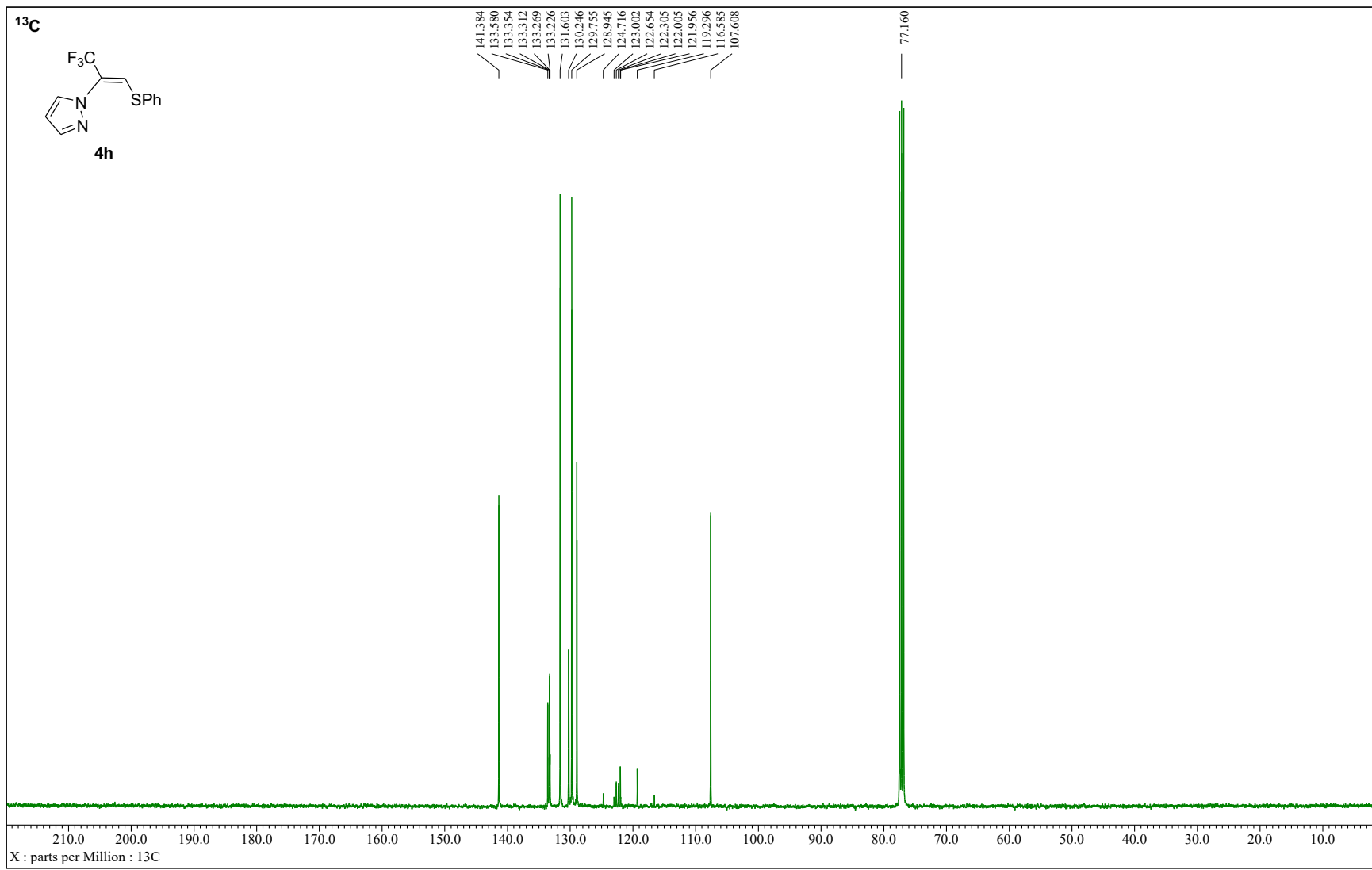


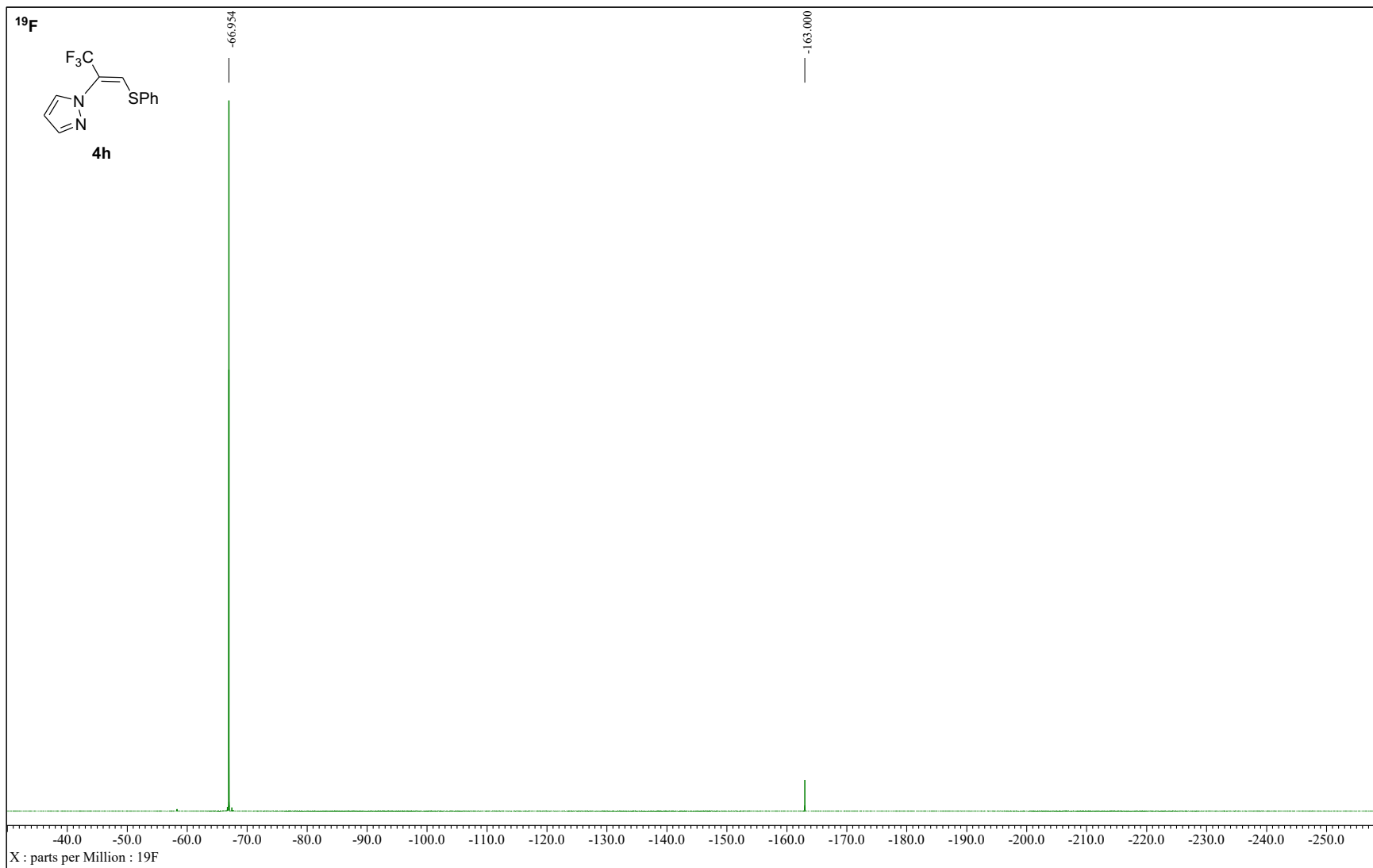


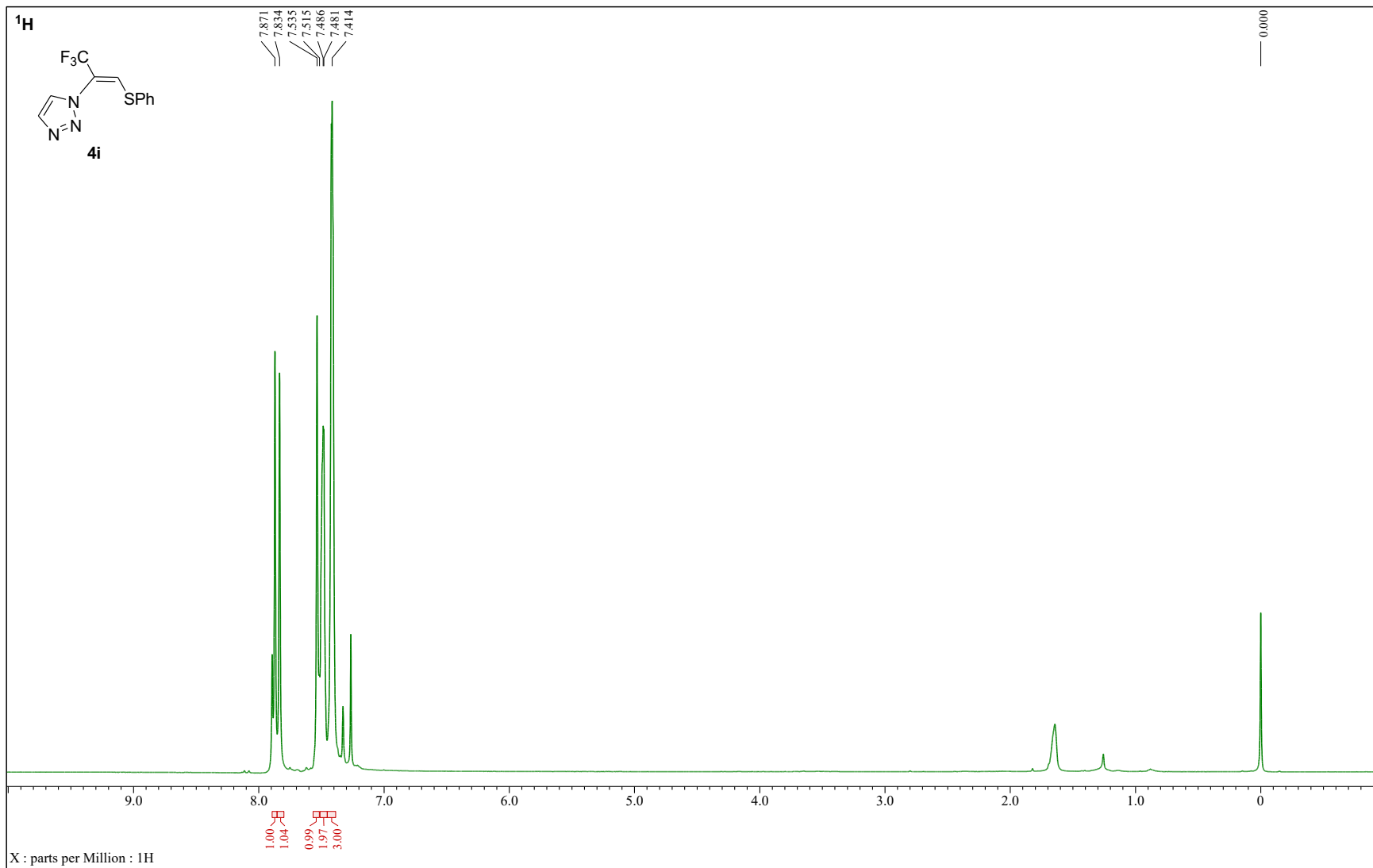


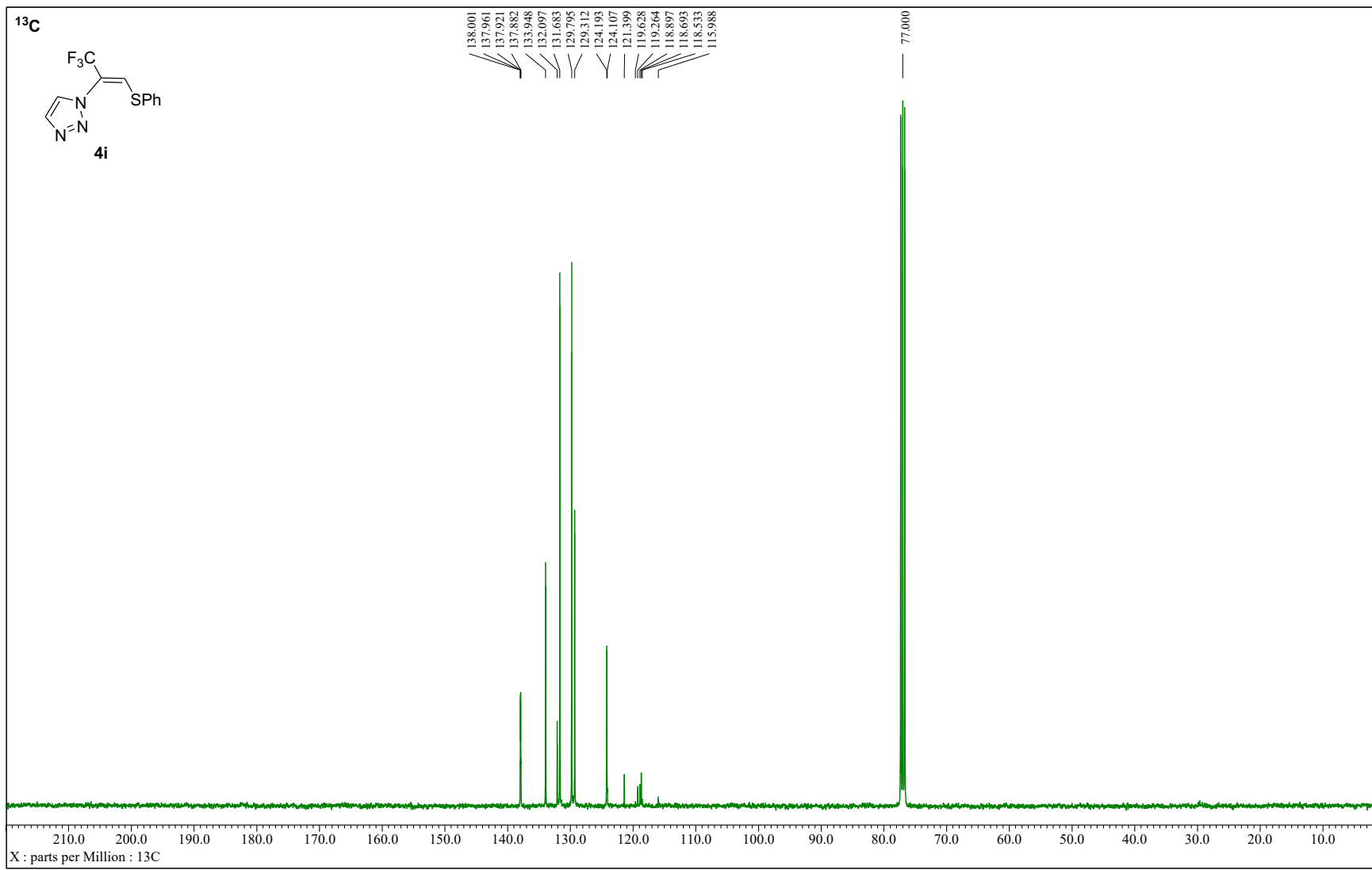


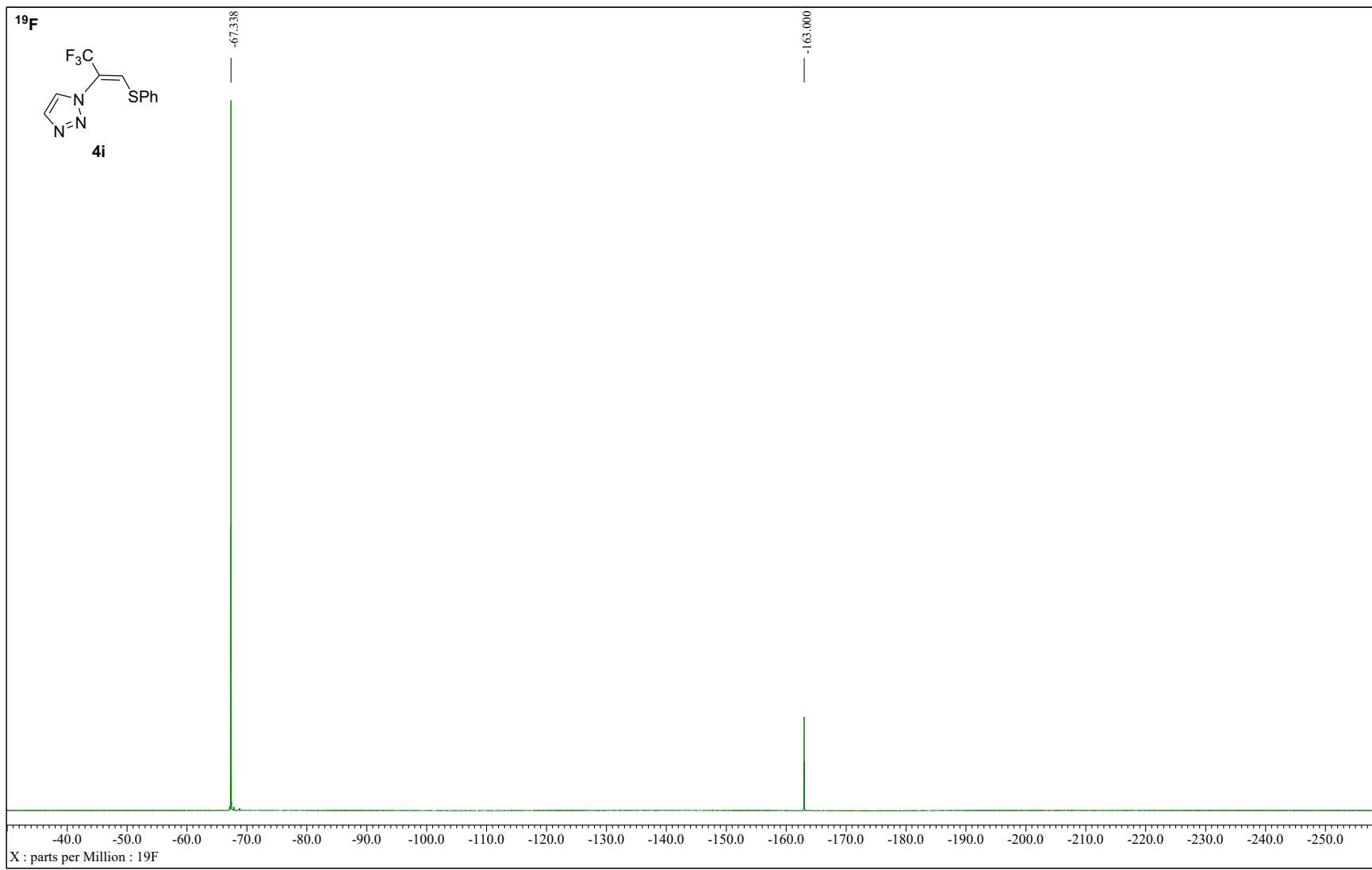


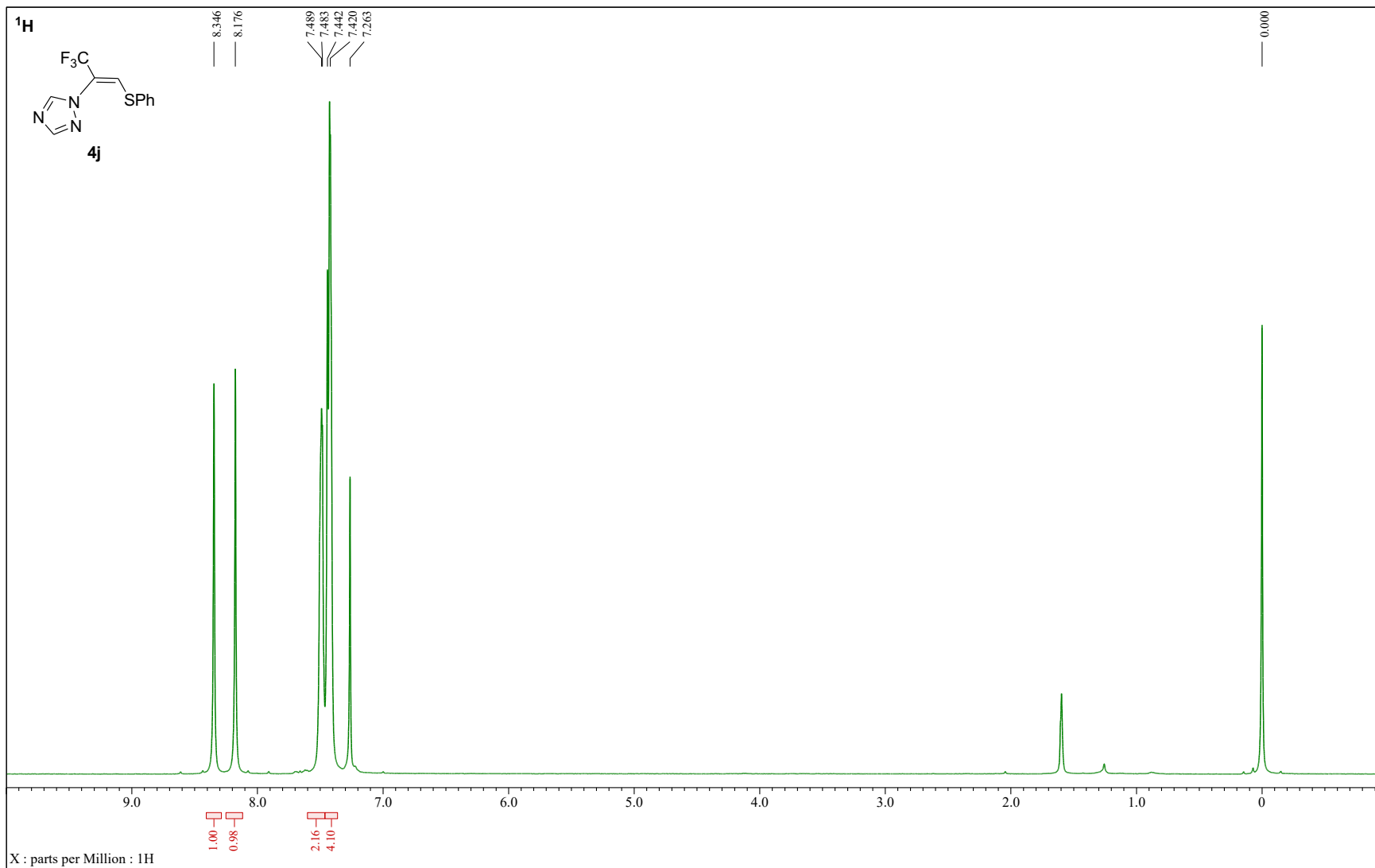


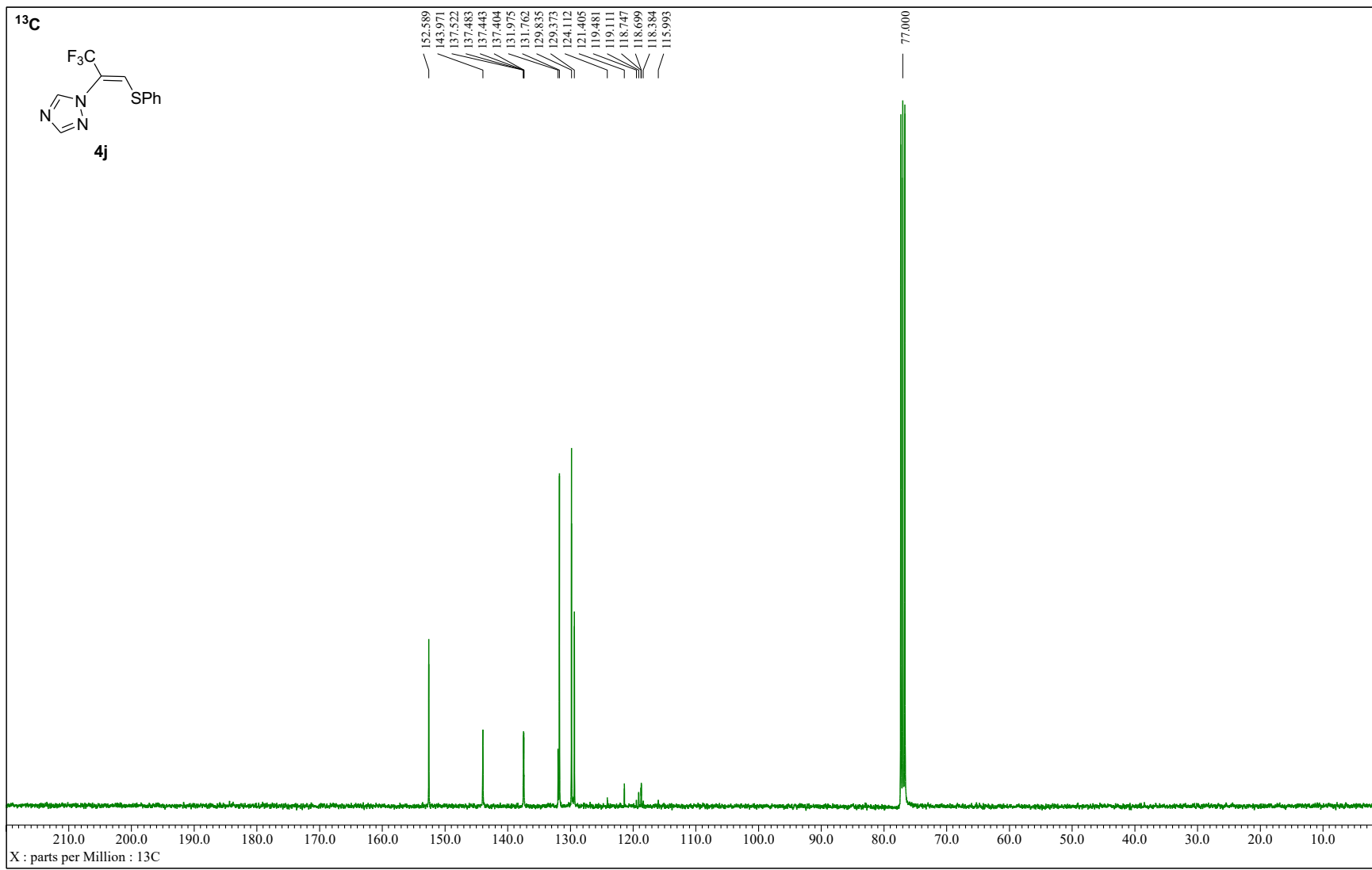


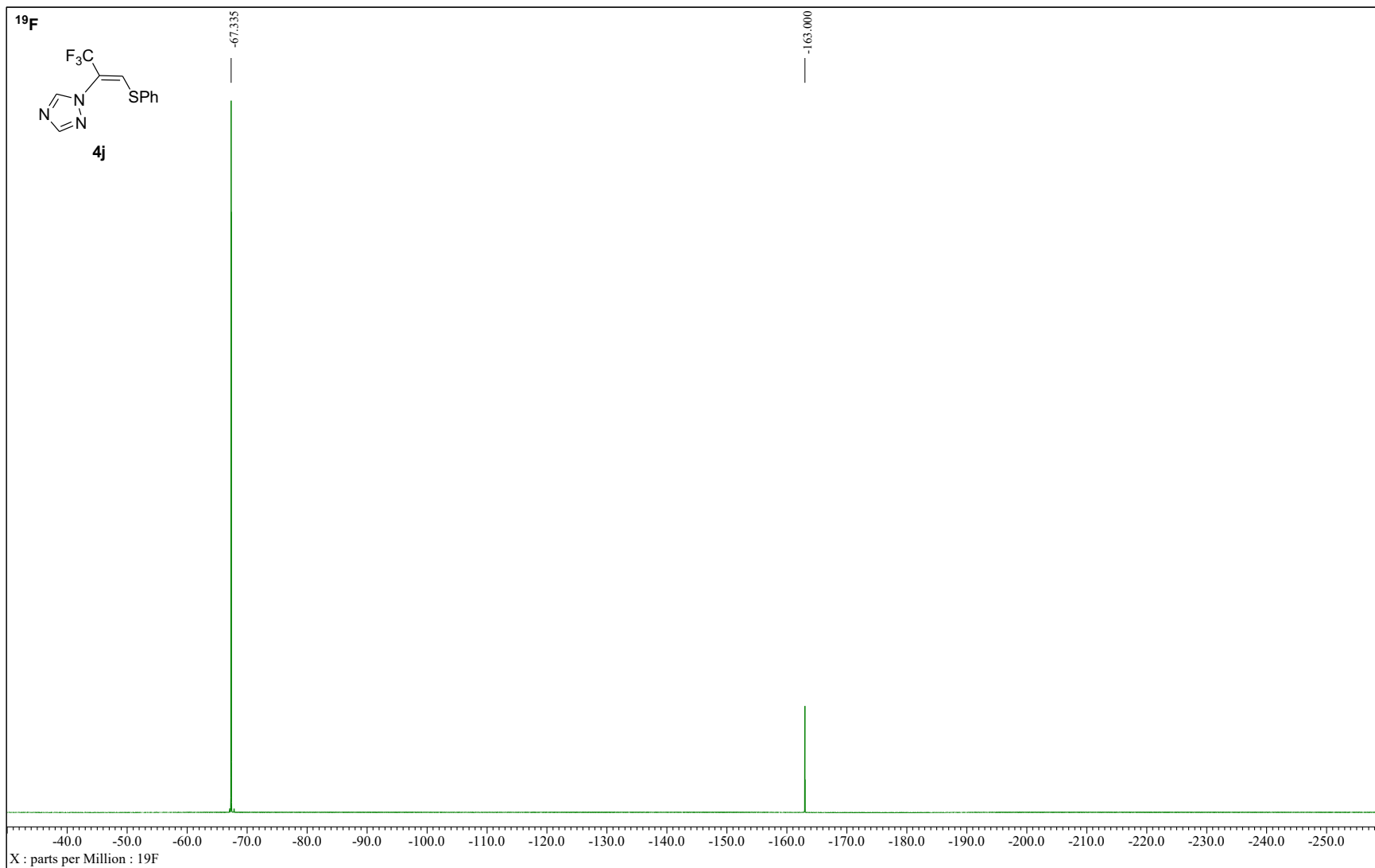


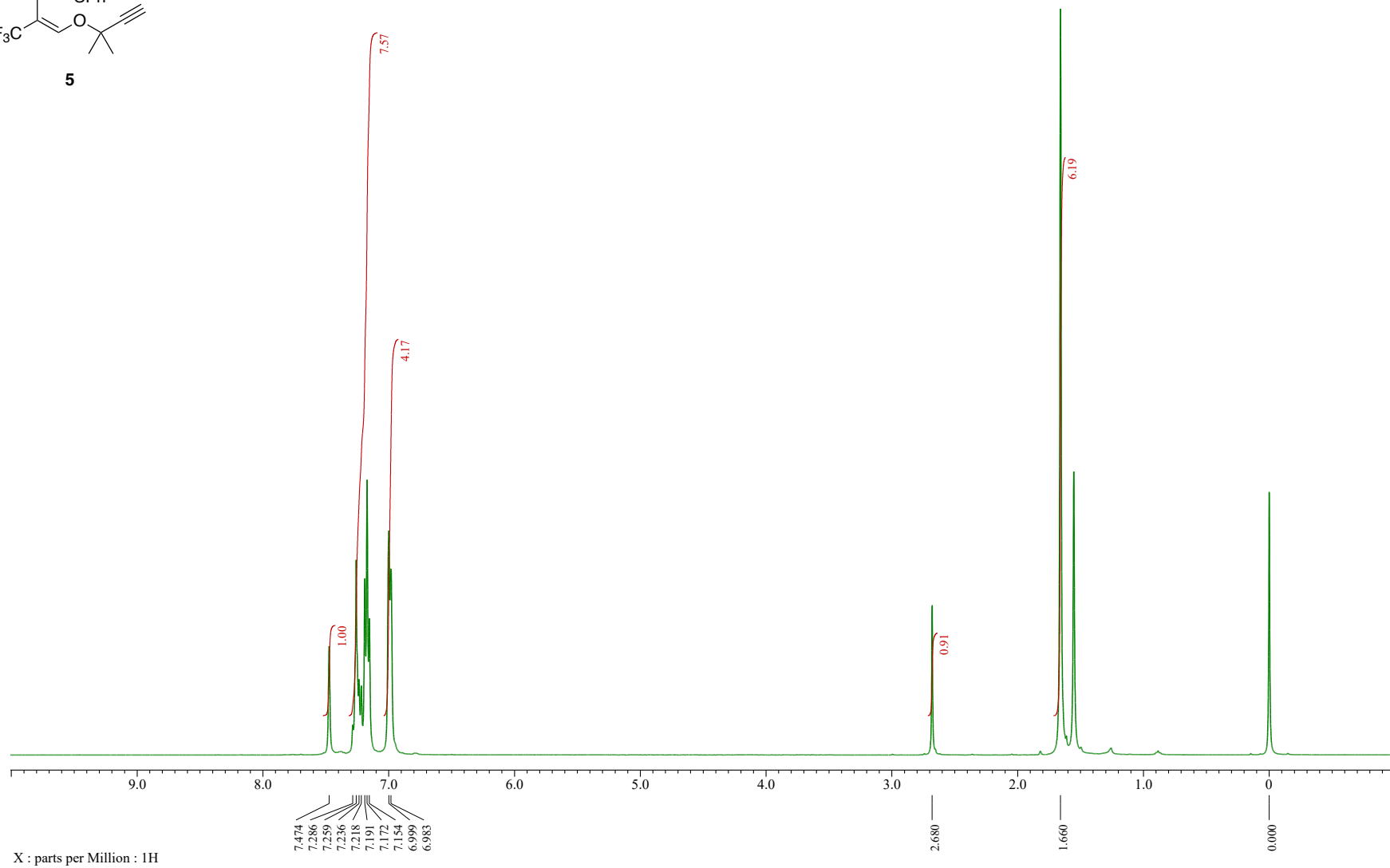
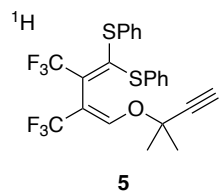


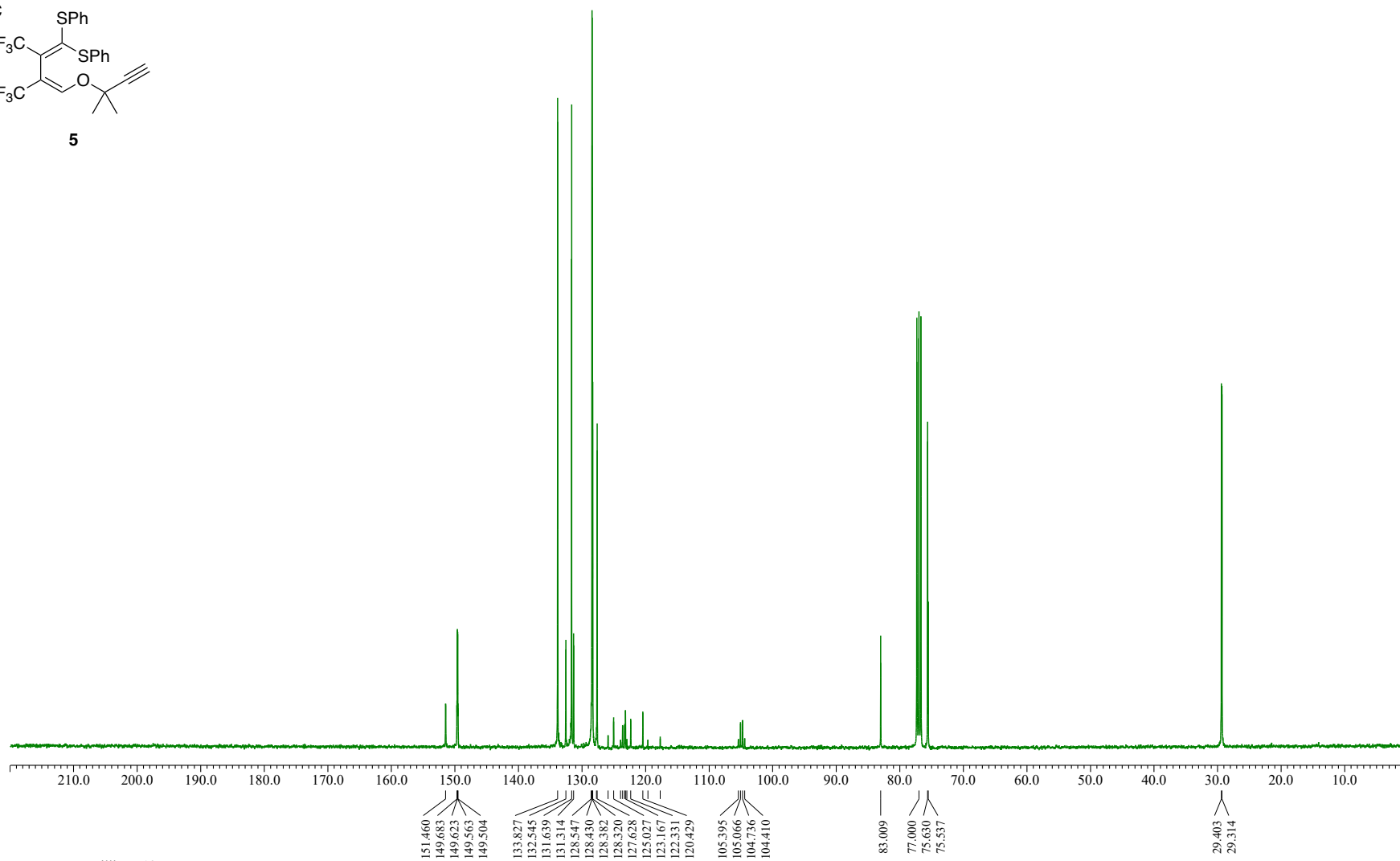
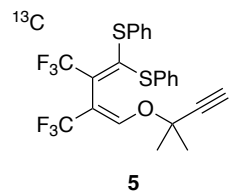


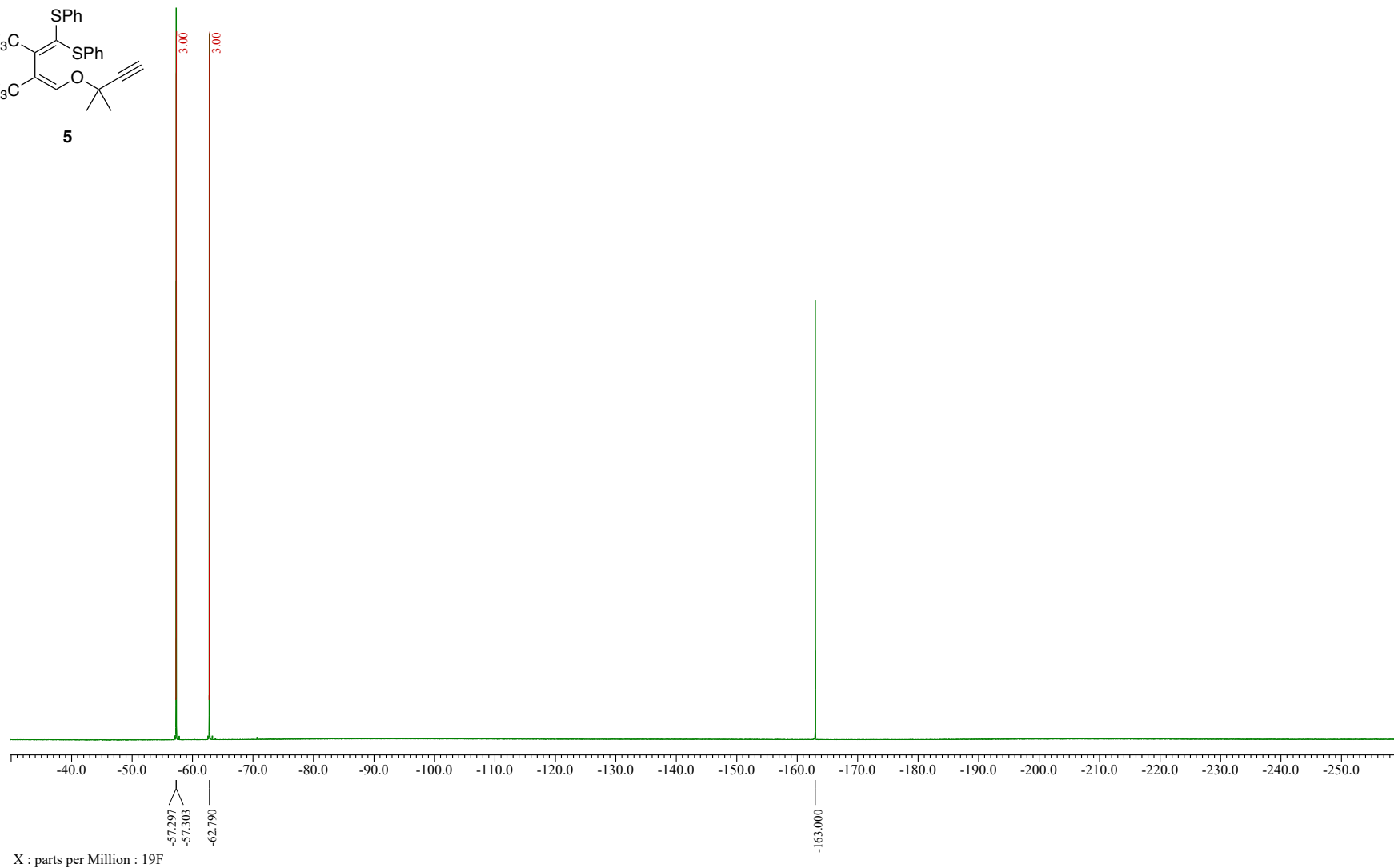
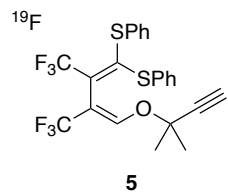




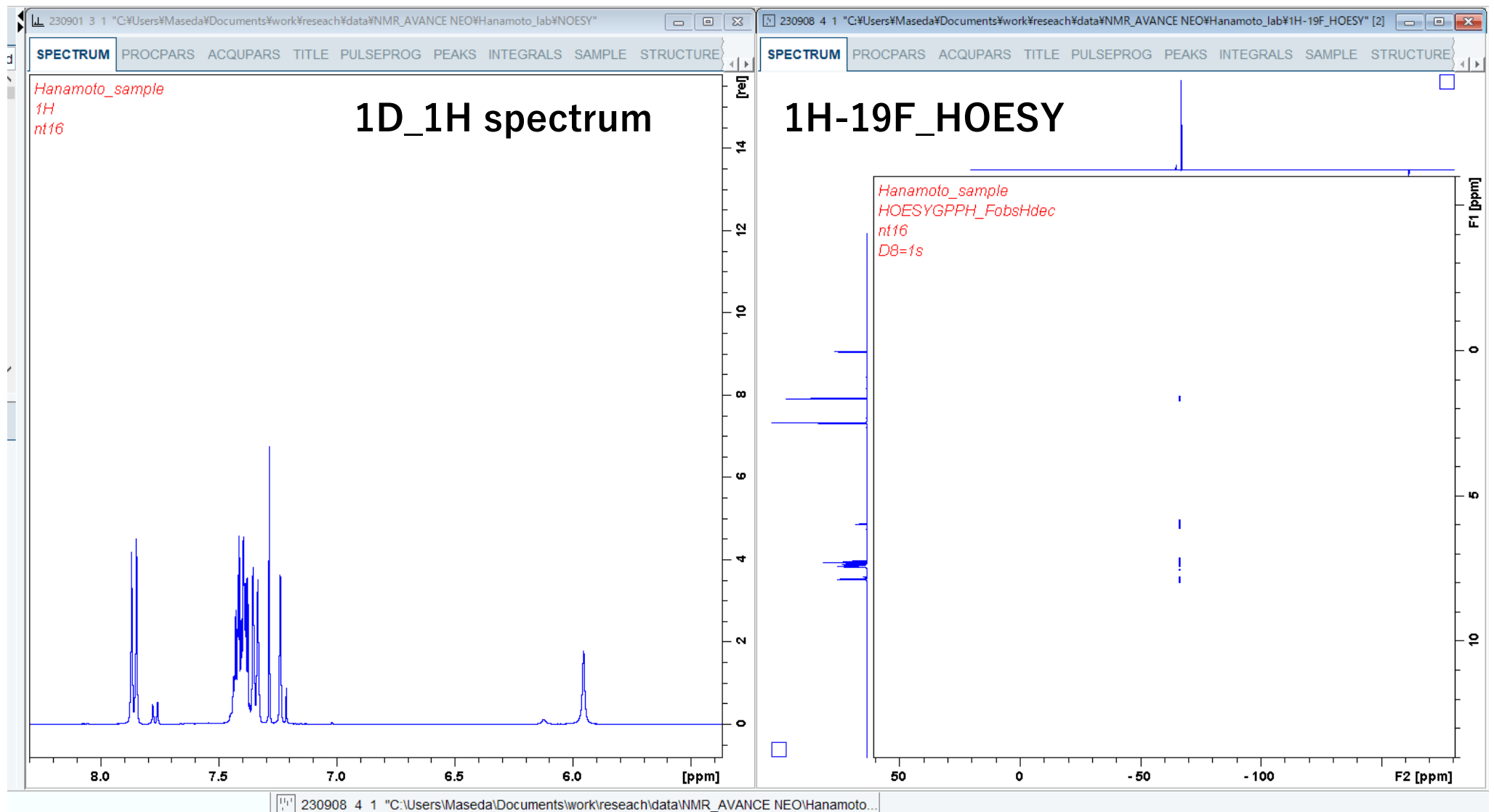








1H-19F HOESY



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