

**Synthesis and Evaluation of Fluorinated Fingolimod (FTY720) Analogues for
Sphingosine-1-Phosphate Receptor Molecular Imaging by Positron Emission Tomography**

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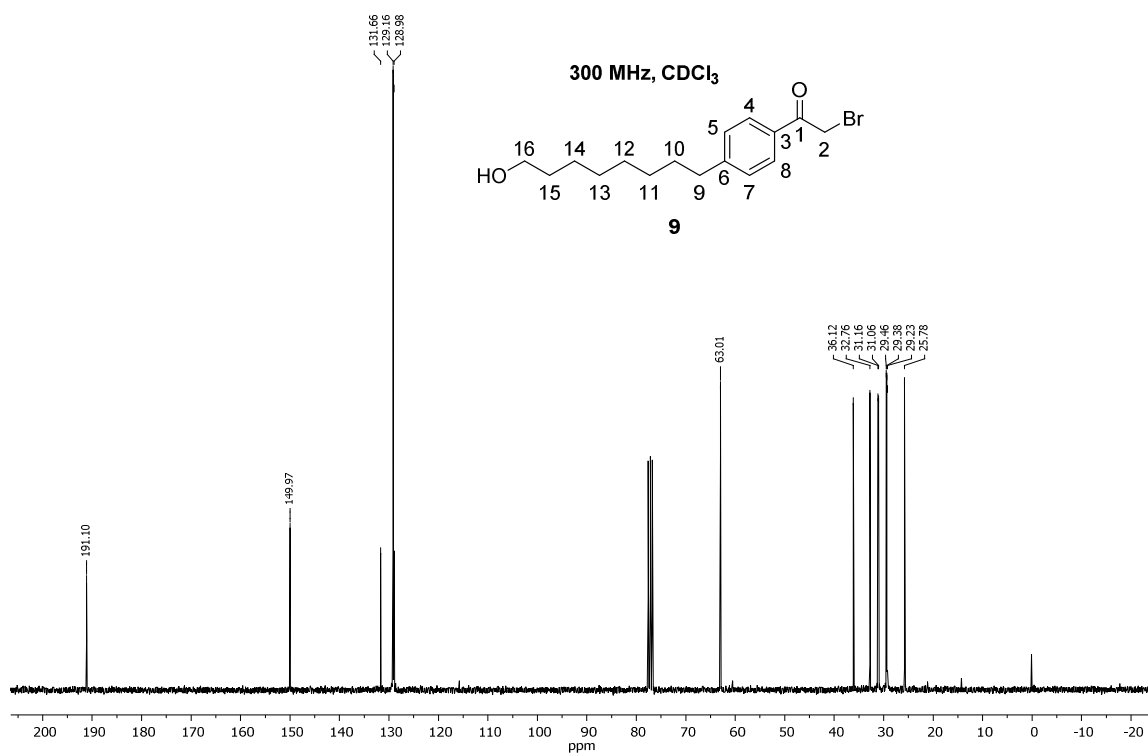
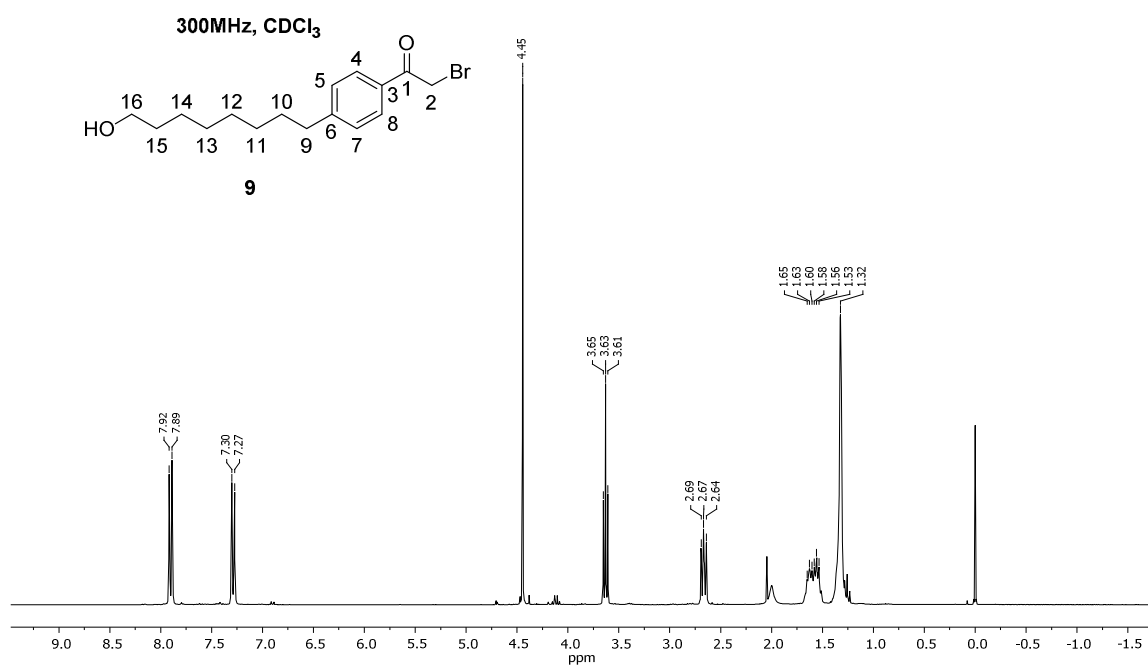
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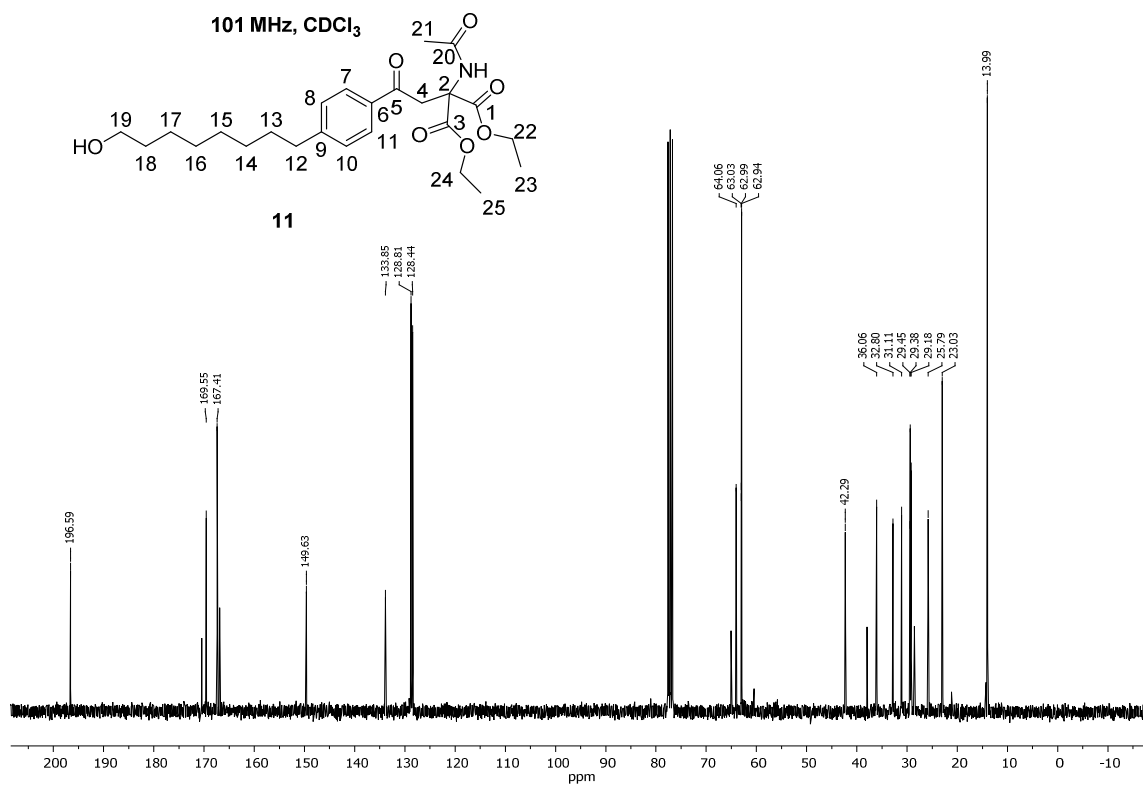
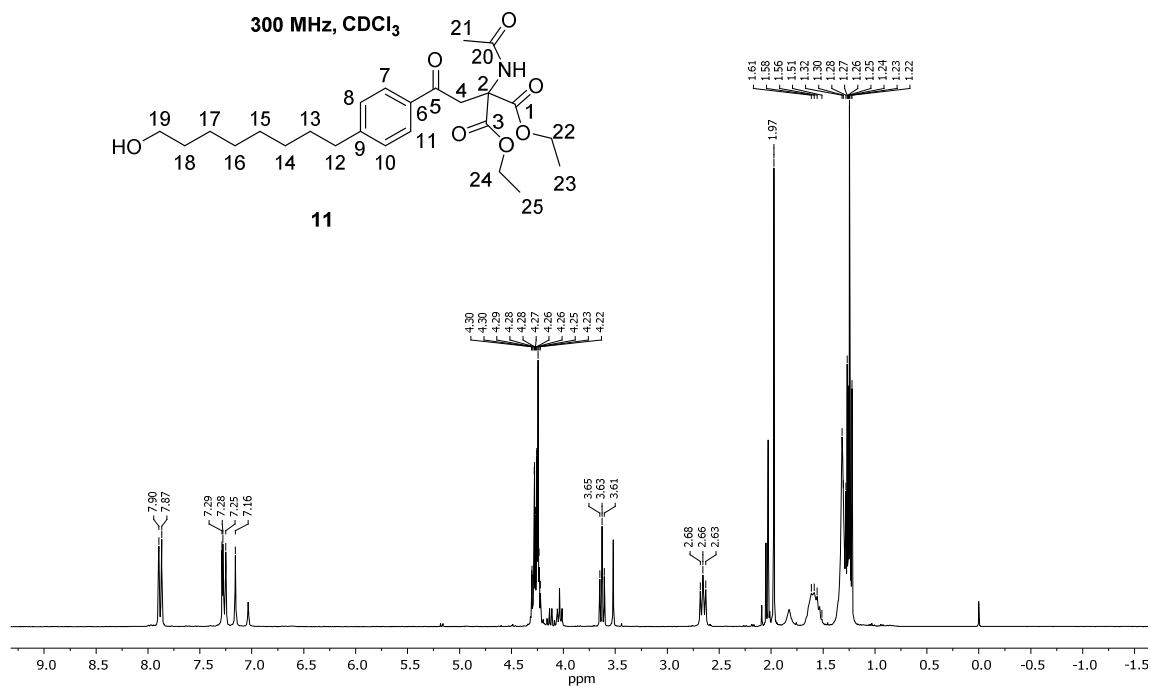
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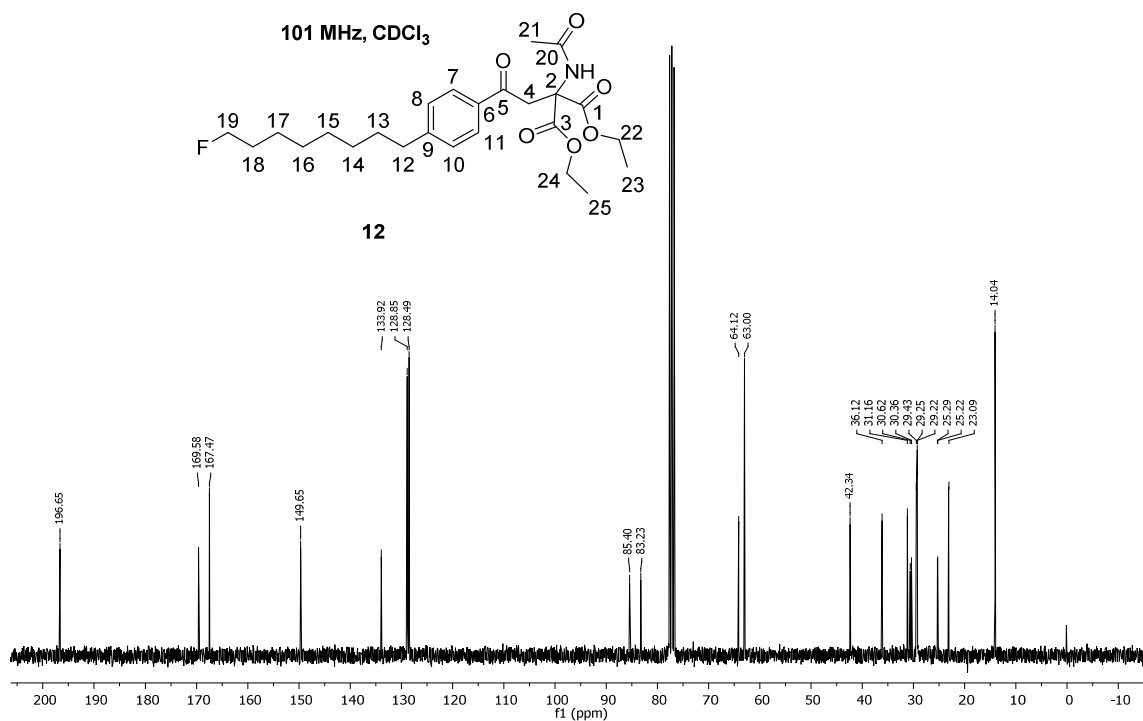
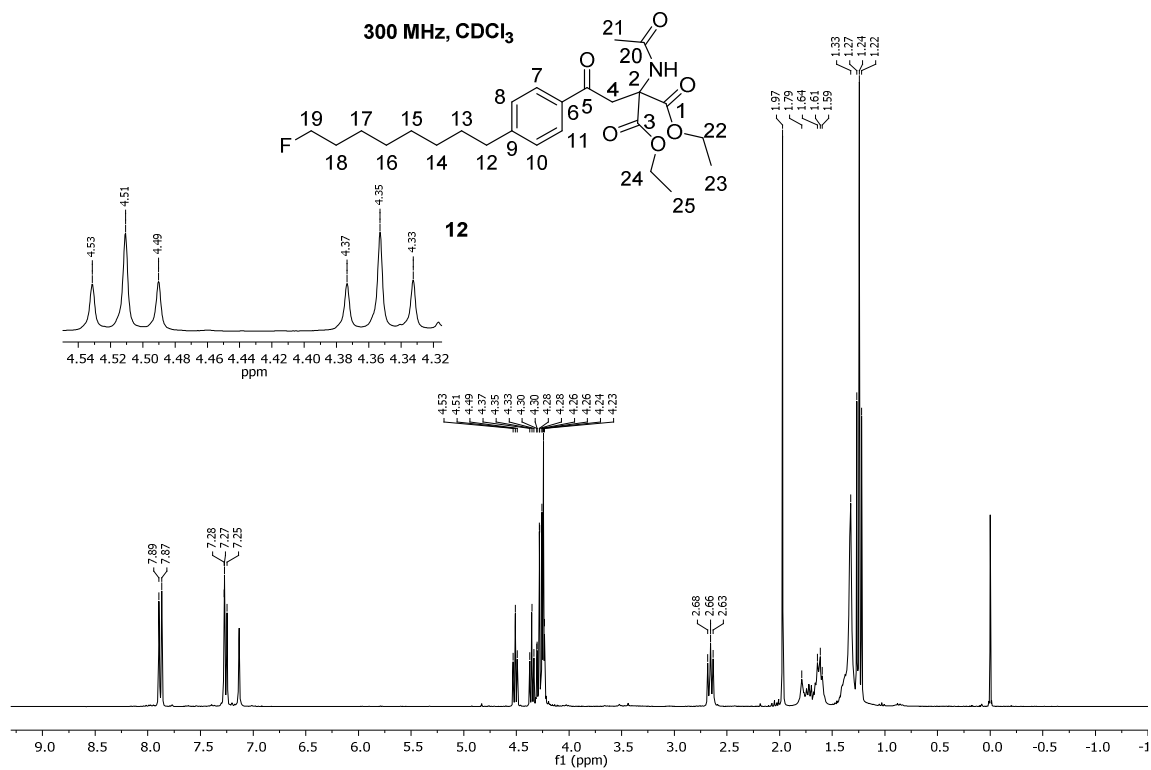
^{a)} These two authors have contributed equally to the manuscript

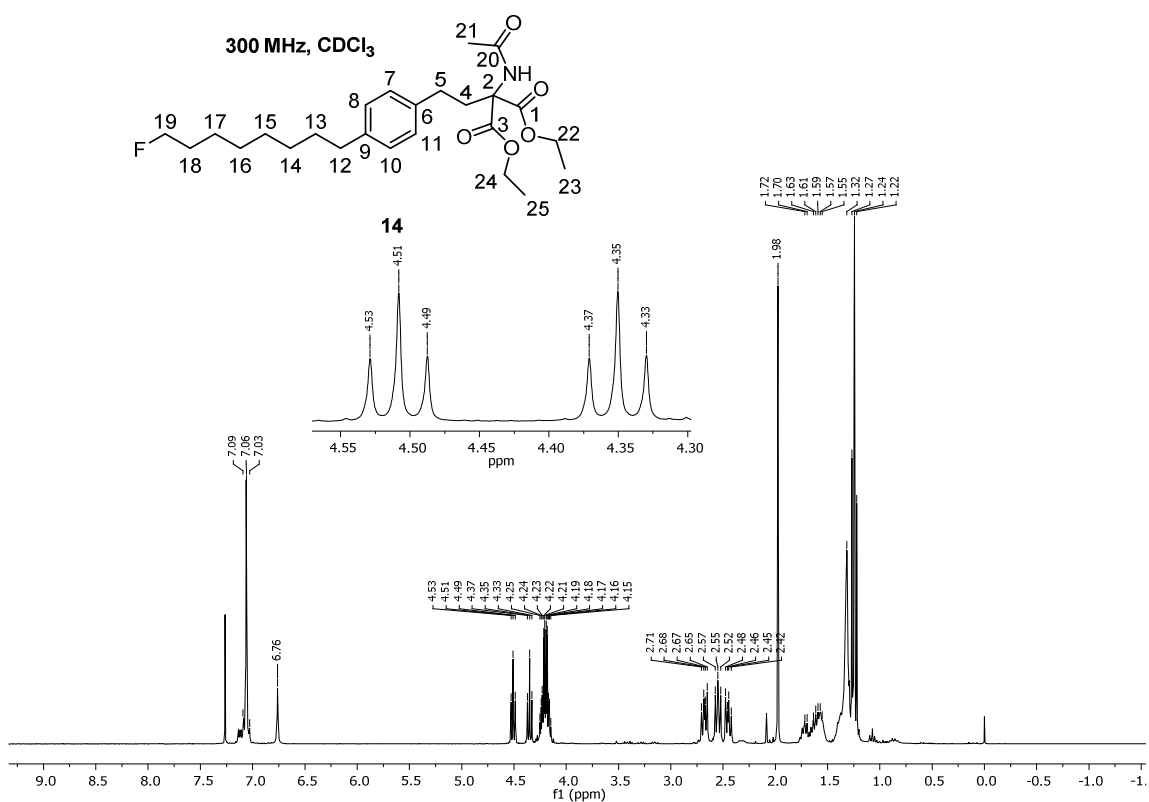
Table of content

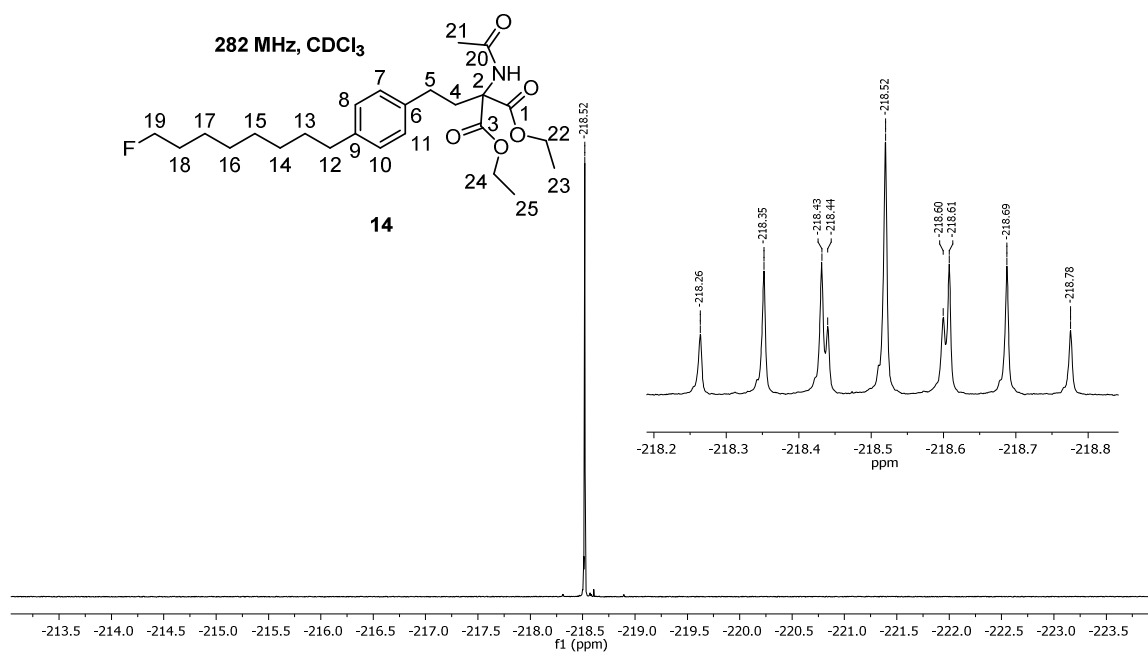
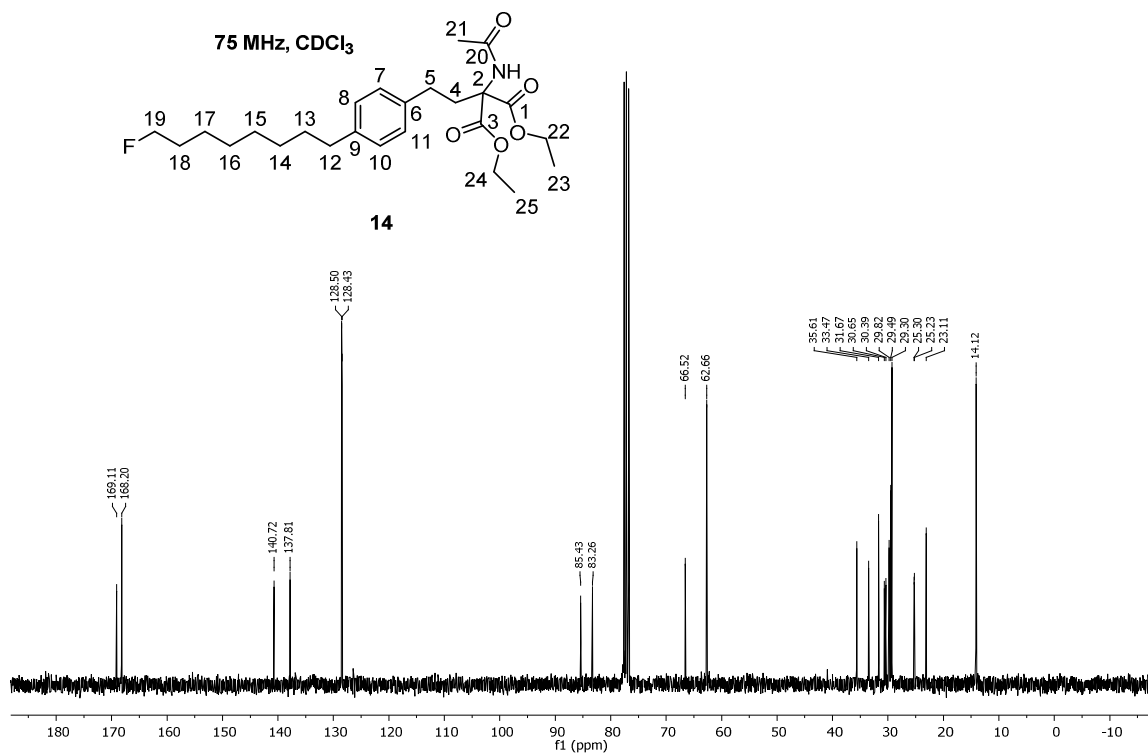
1. Title page.....	S1
2. Copies of ¹ H-NMR, ¹³ C-NMR, ¹⁹ F-NMR and ³¹ P-NMR of selected compounds.....	S2
3. Radio-HPLC chromatograms of [¹⁸ F]17	S30
4. <i>In vitro</i> stability of [¹⁸ F]17 after 30 minutes.....	S31

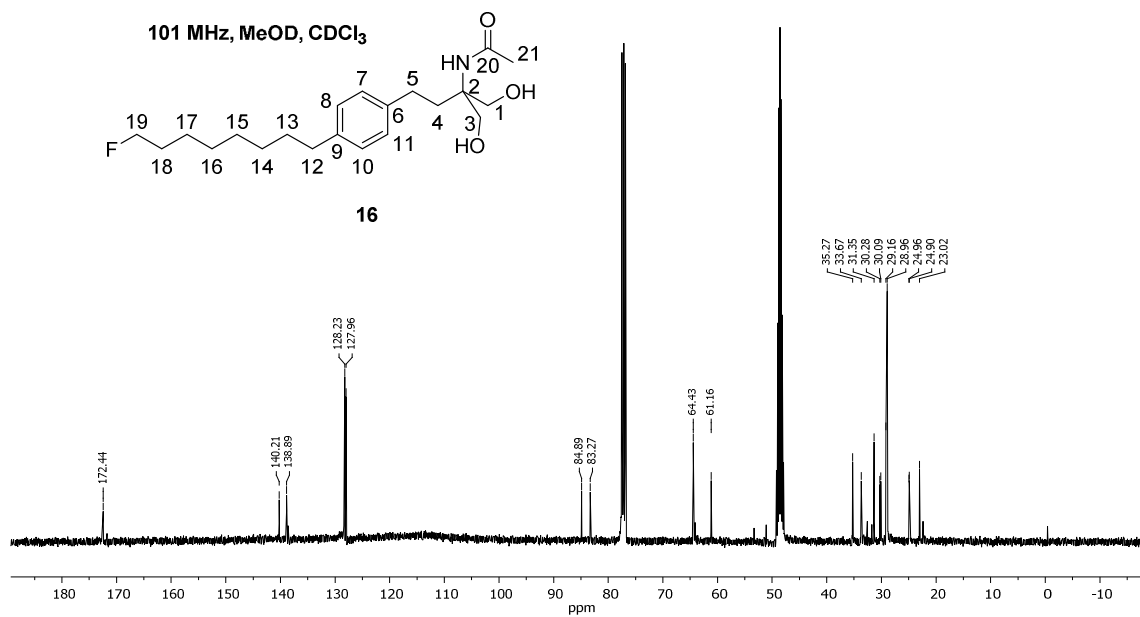
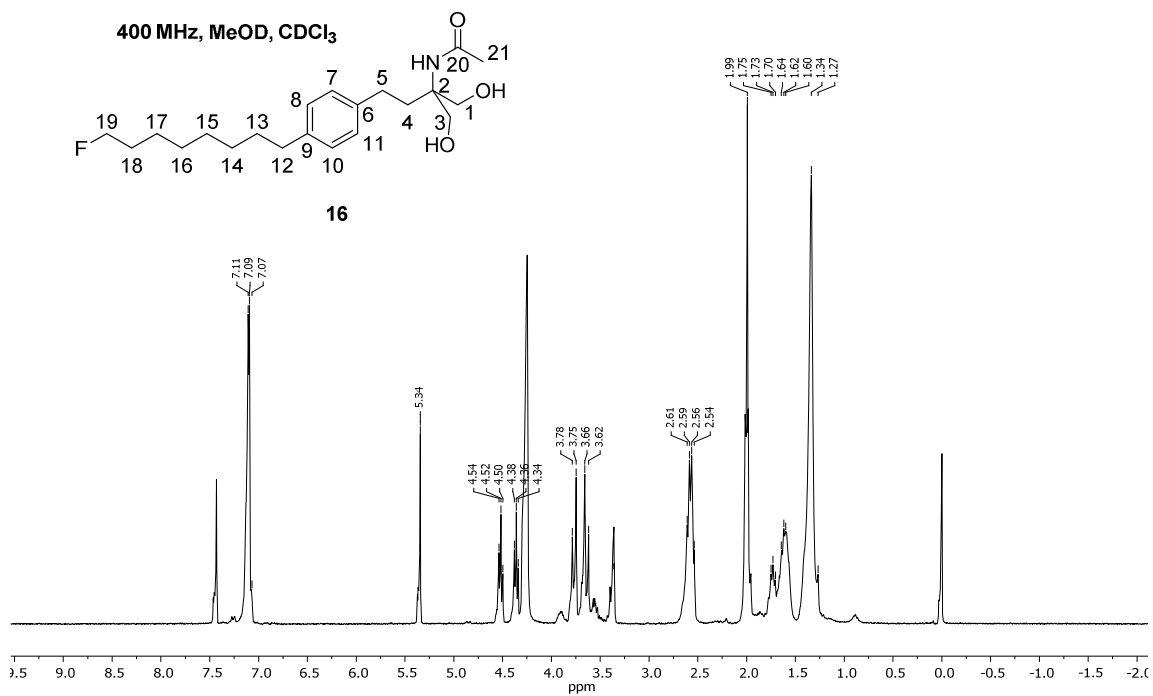


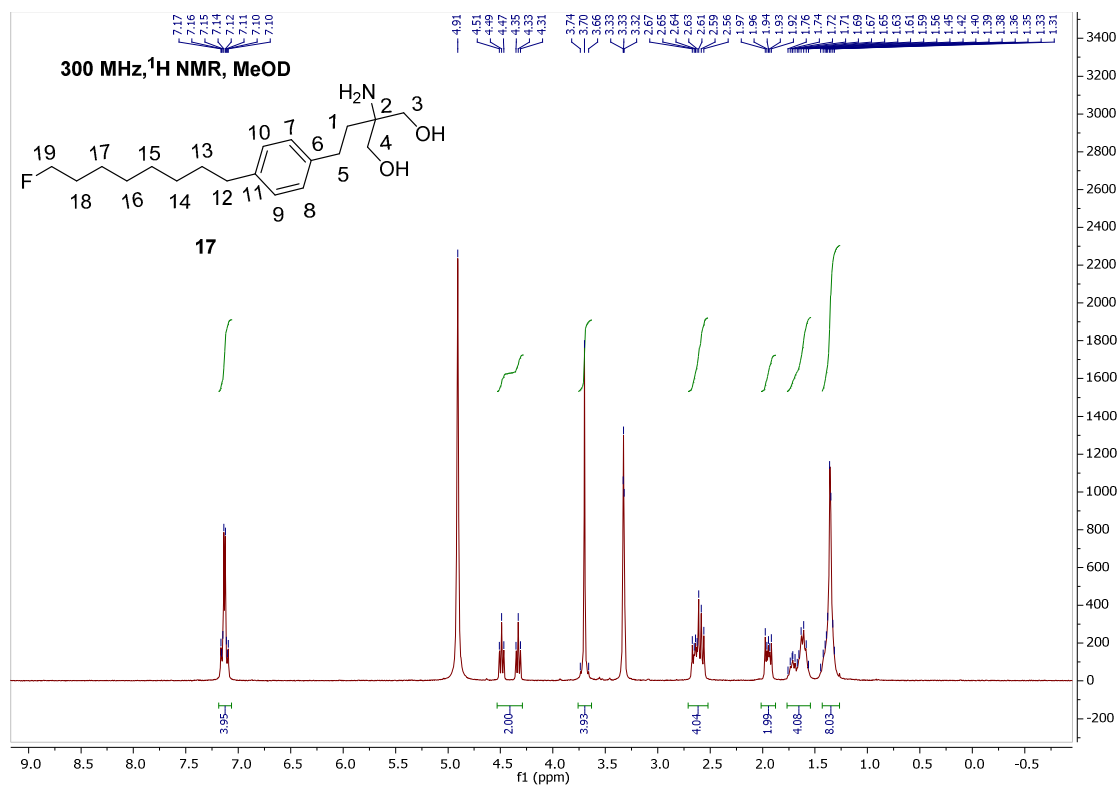
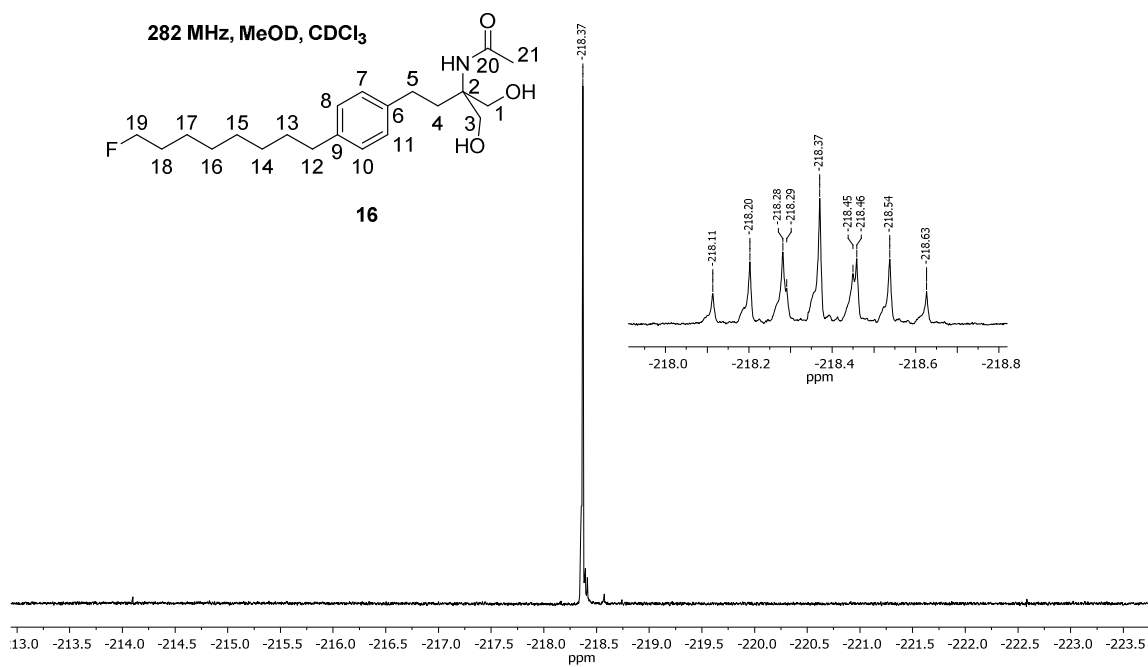


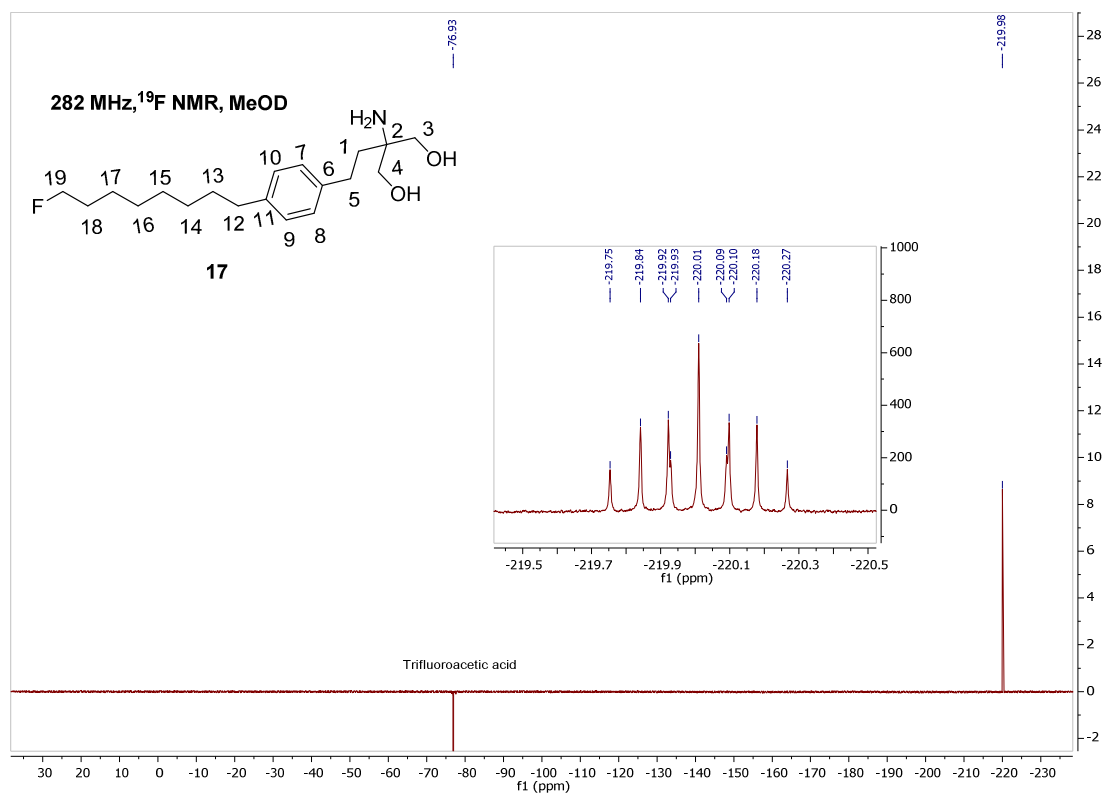
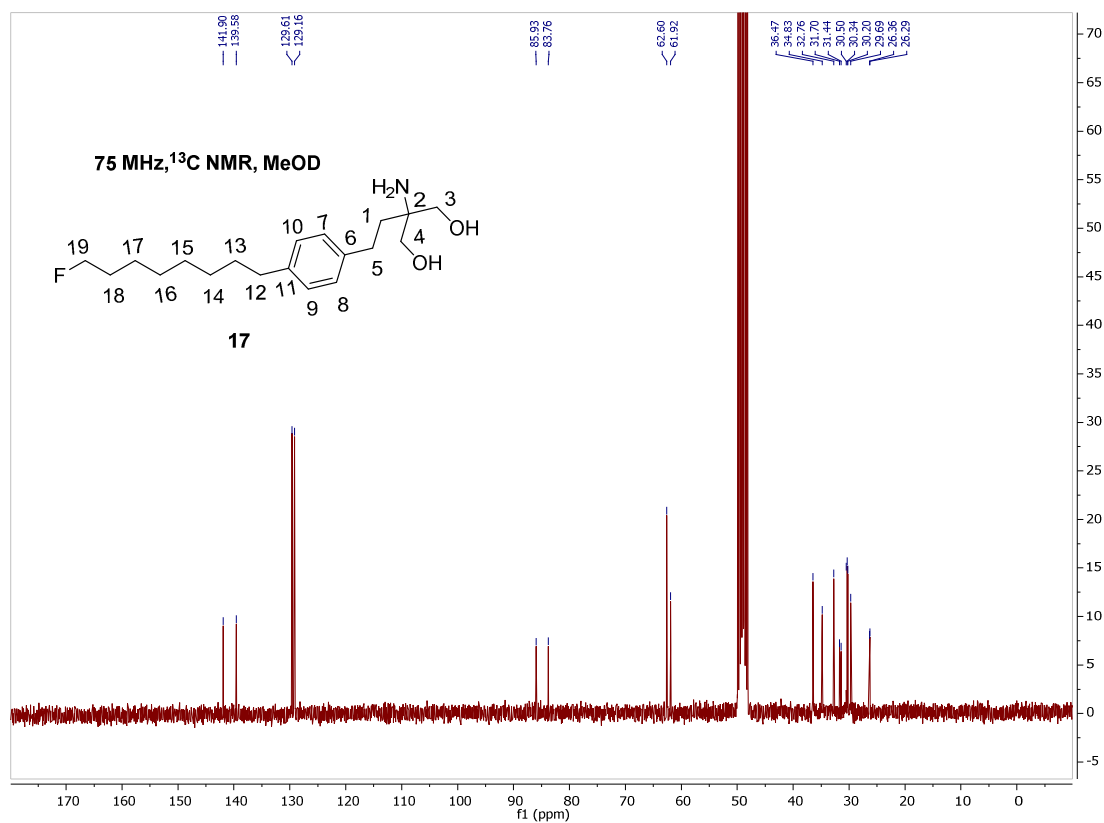


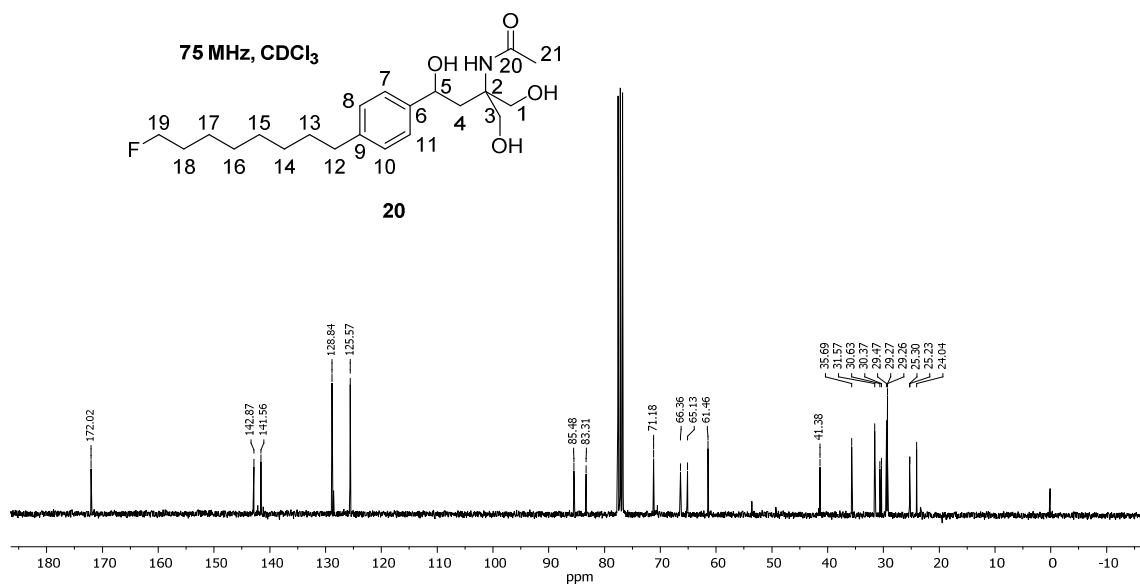
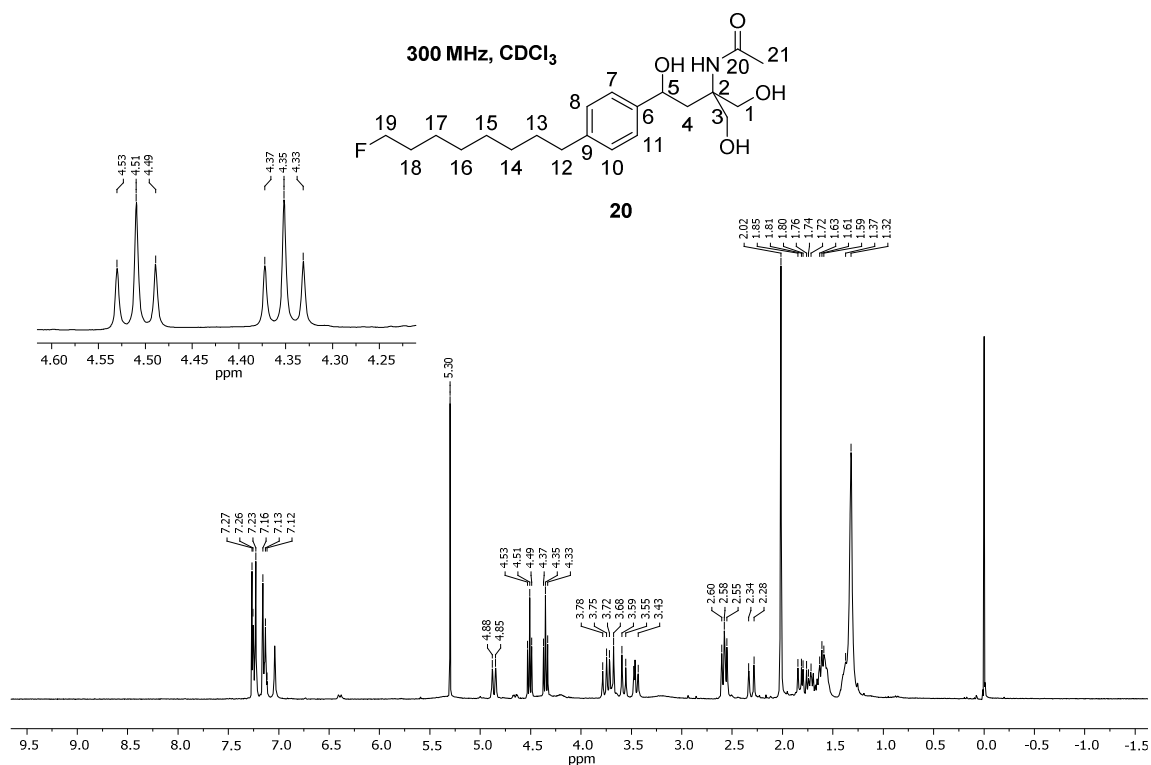


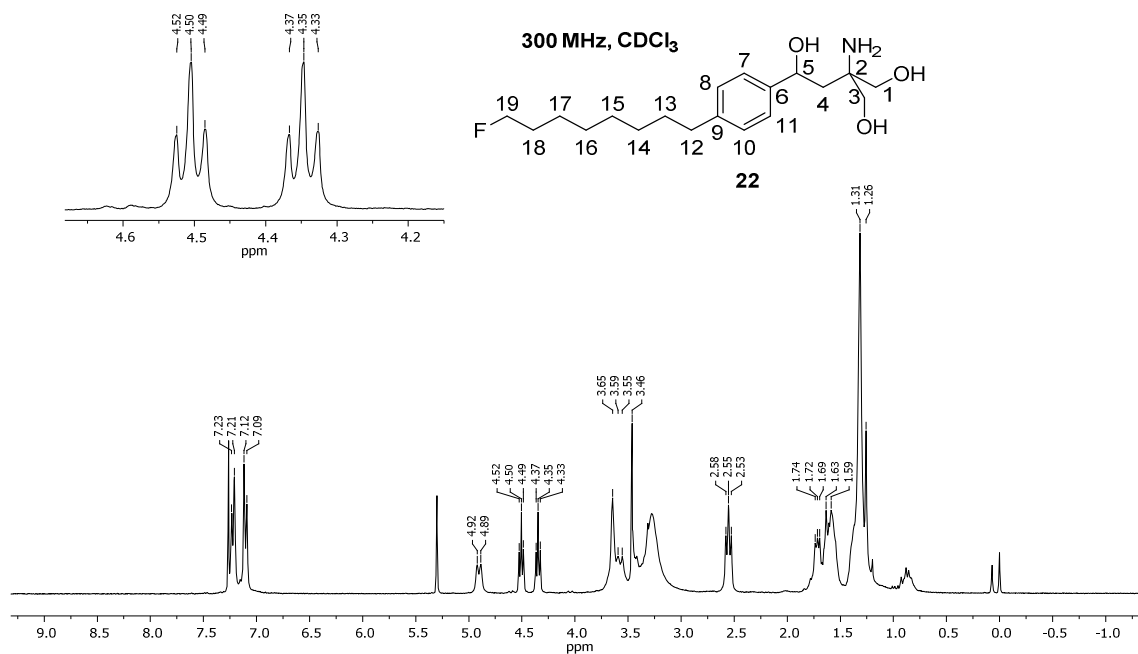
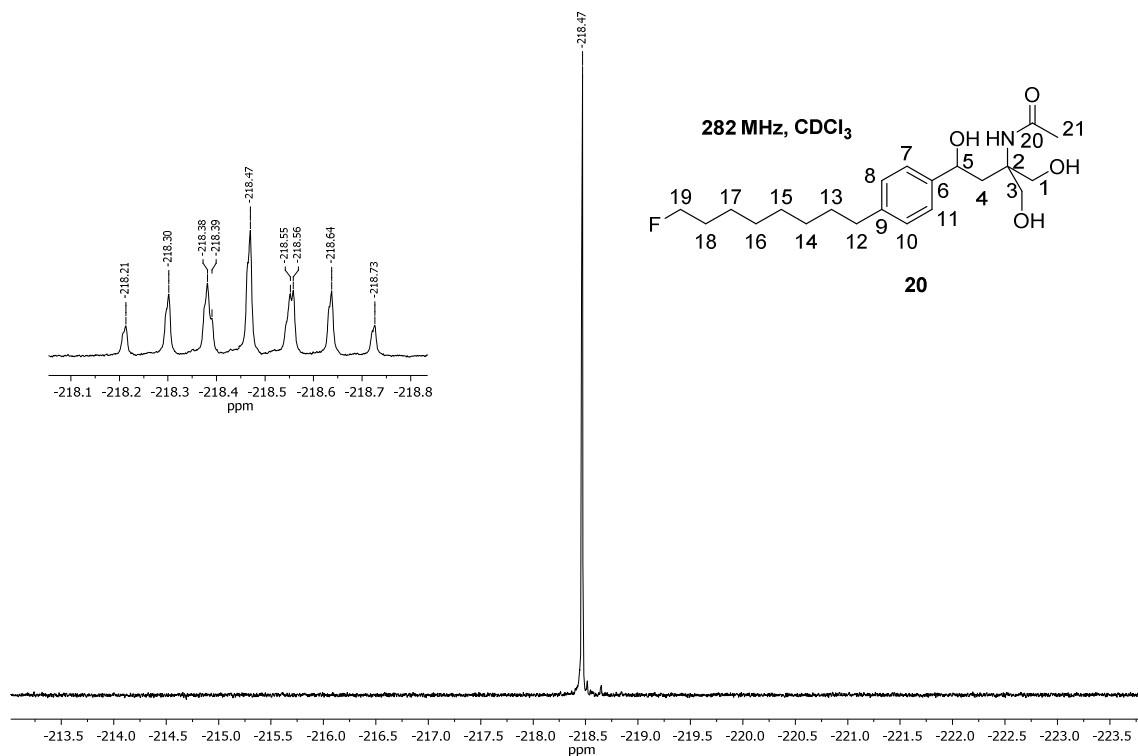


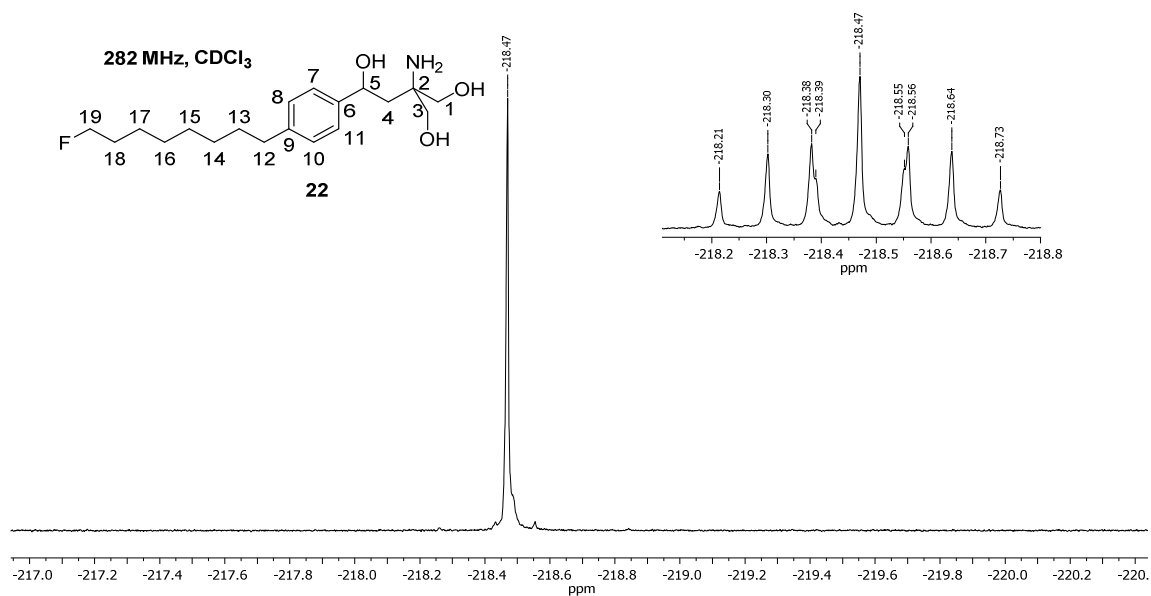
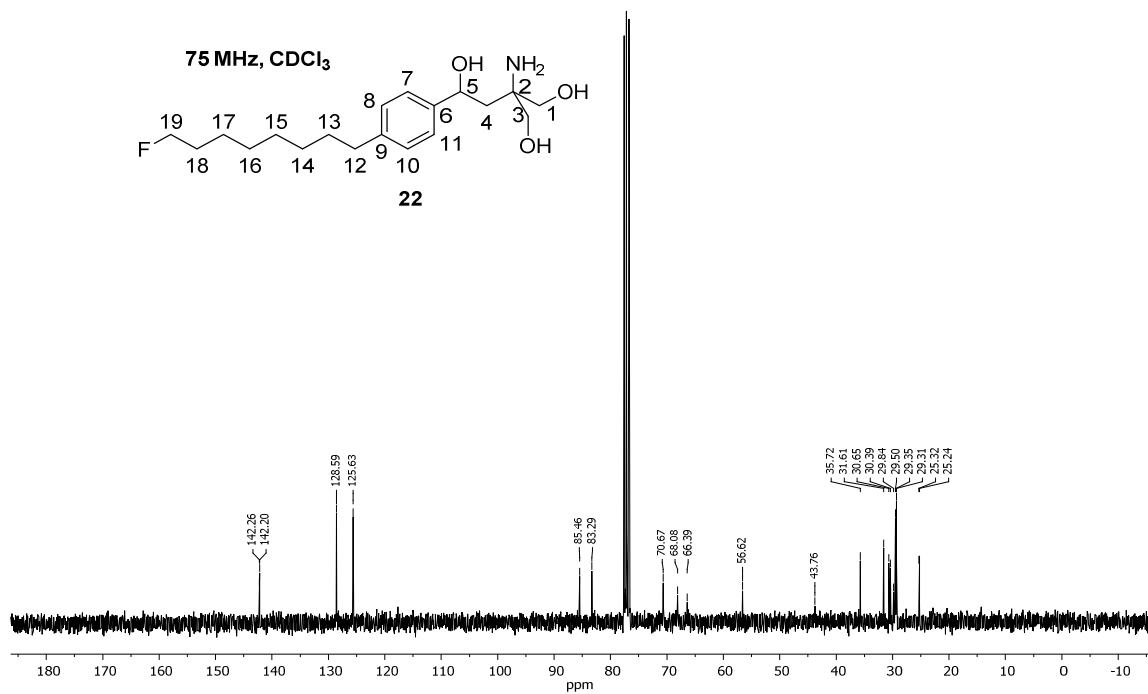


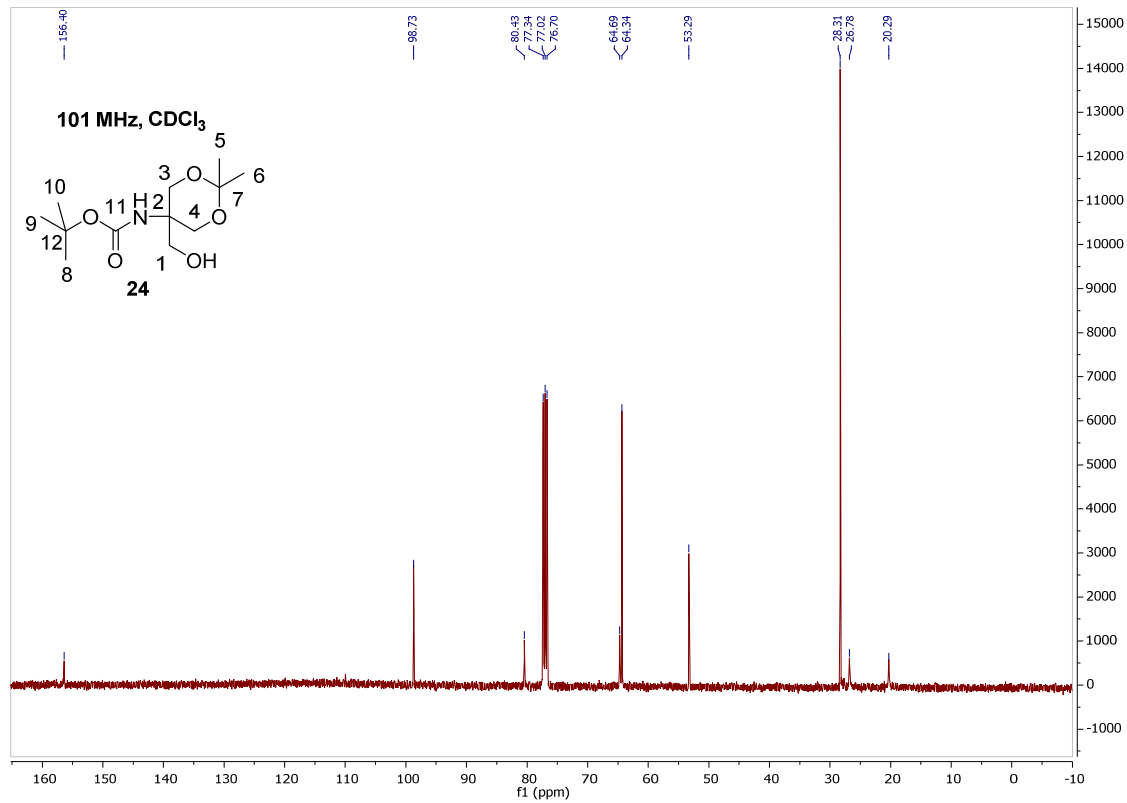
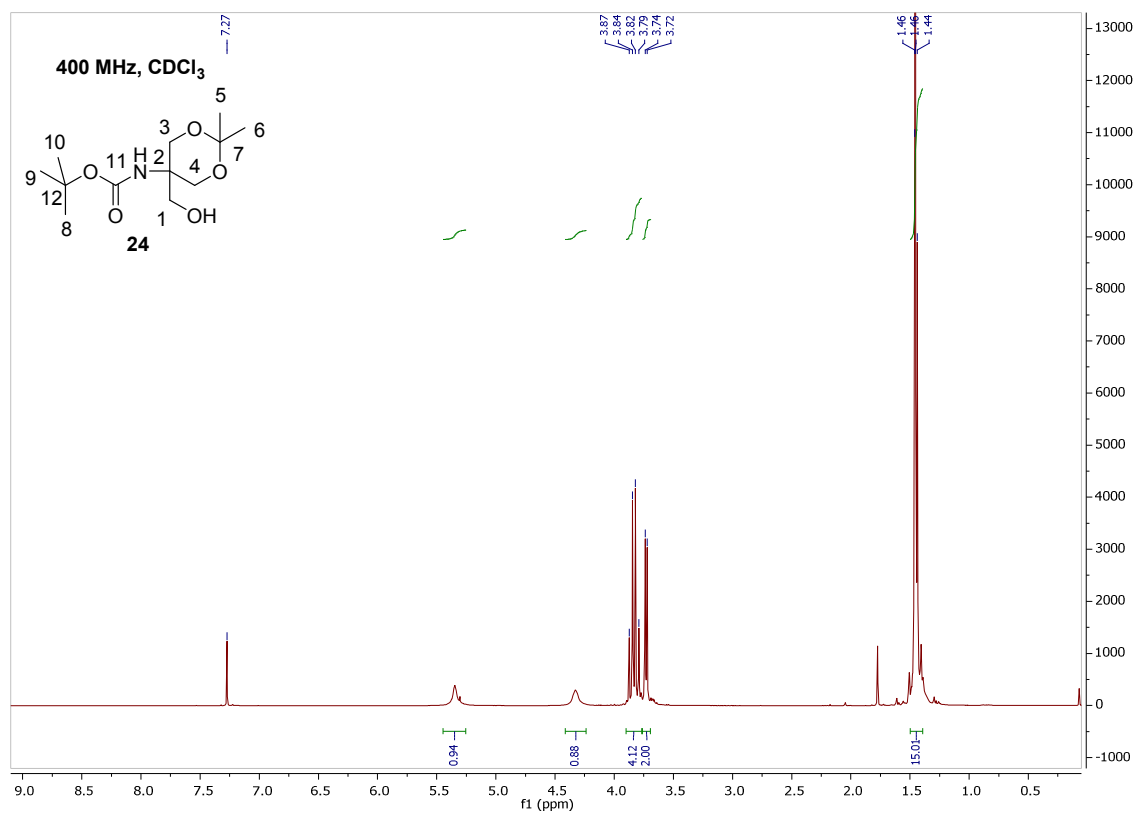


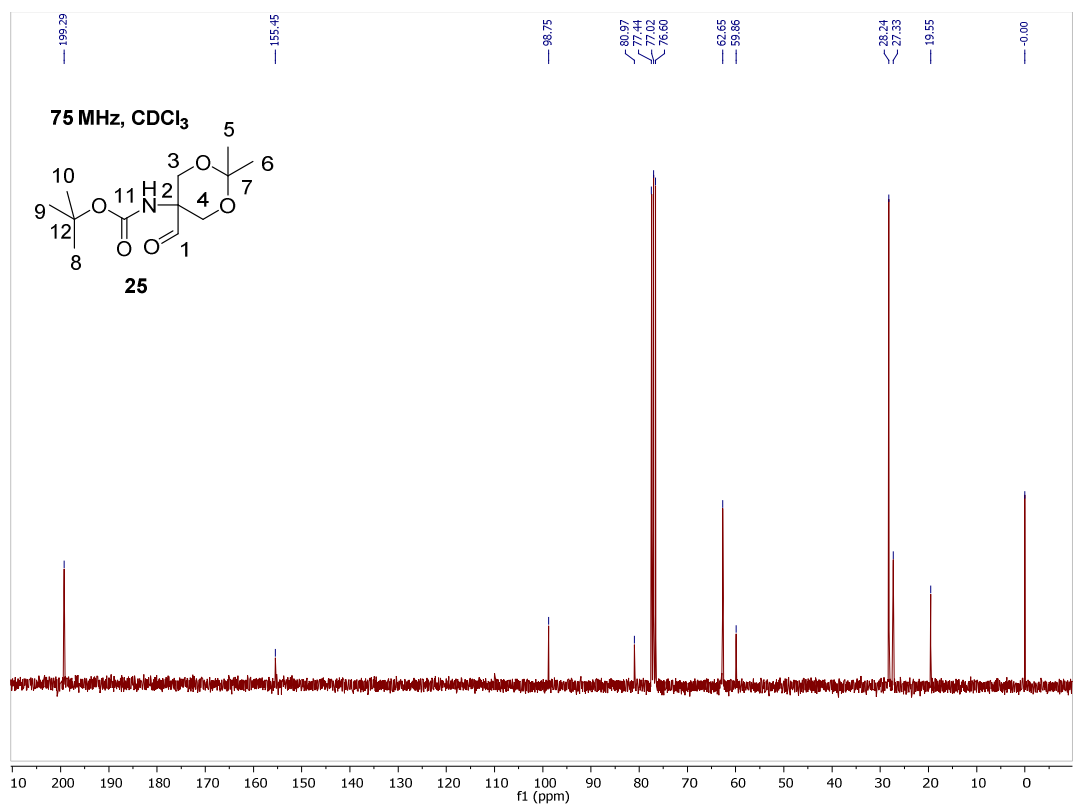
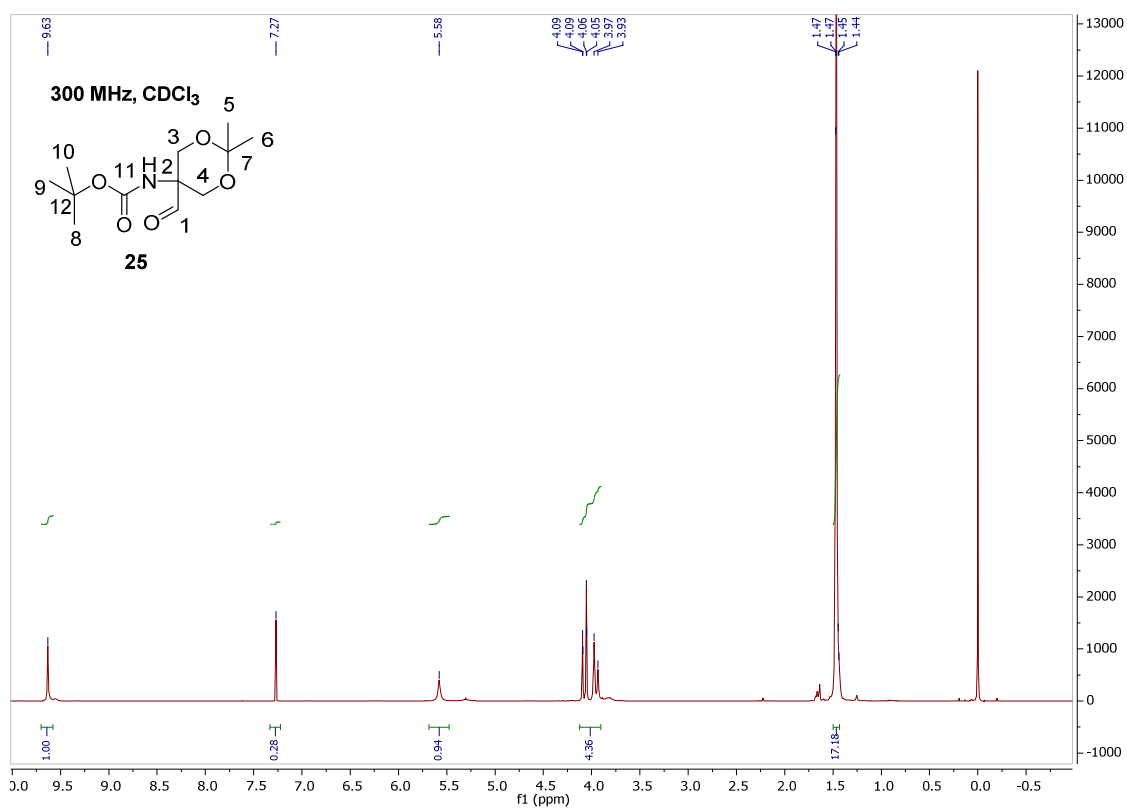


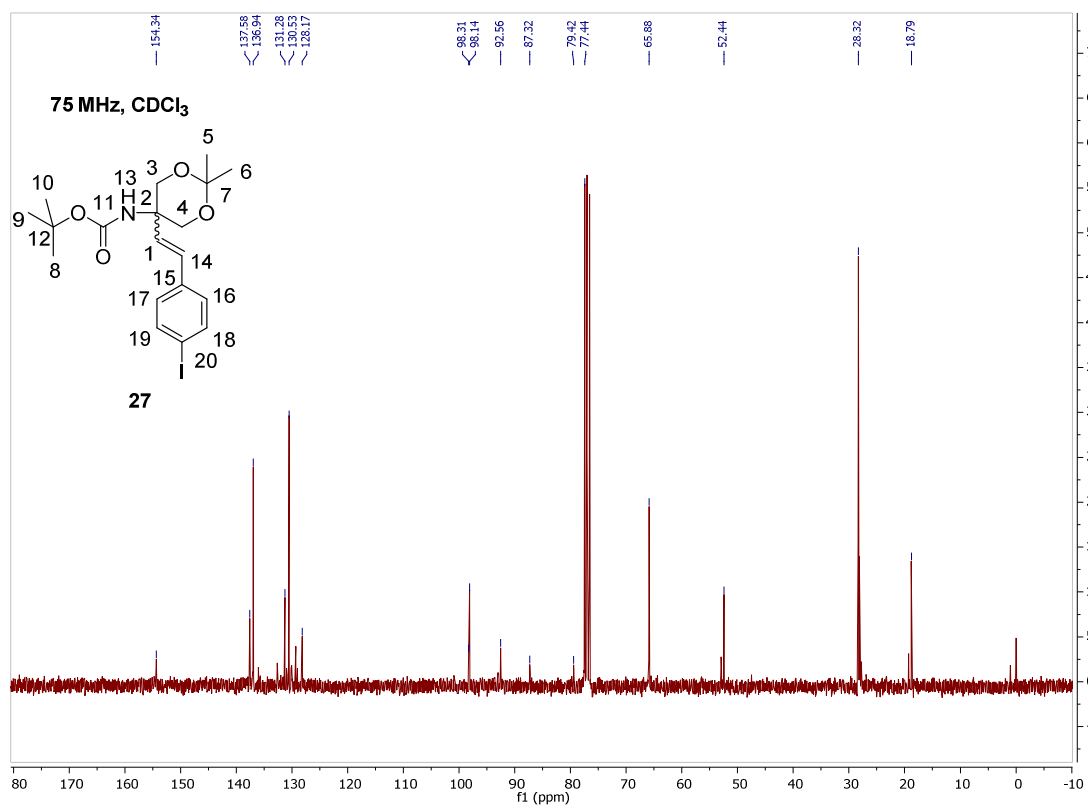
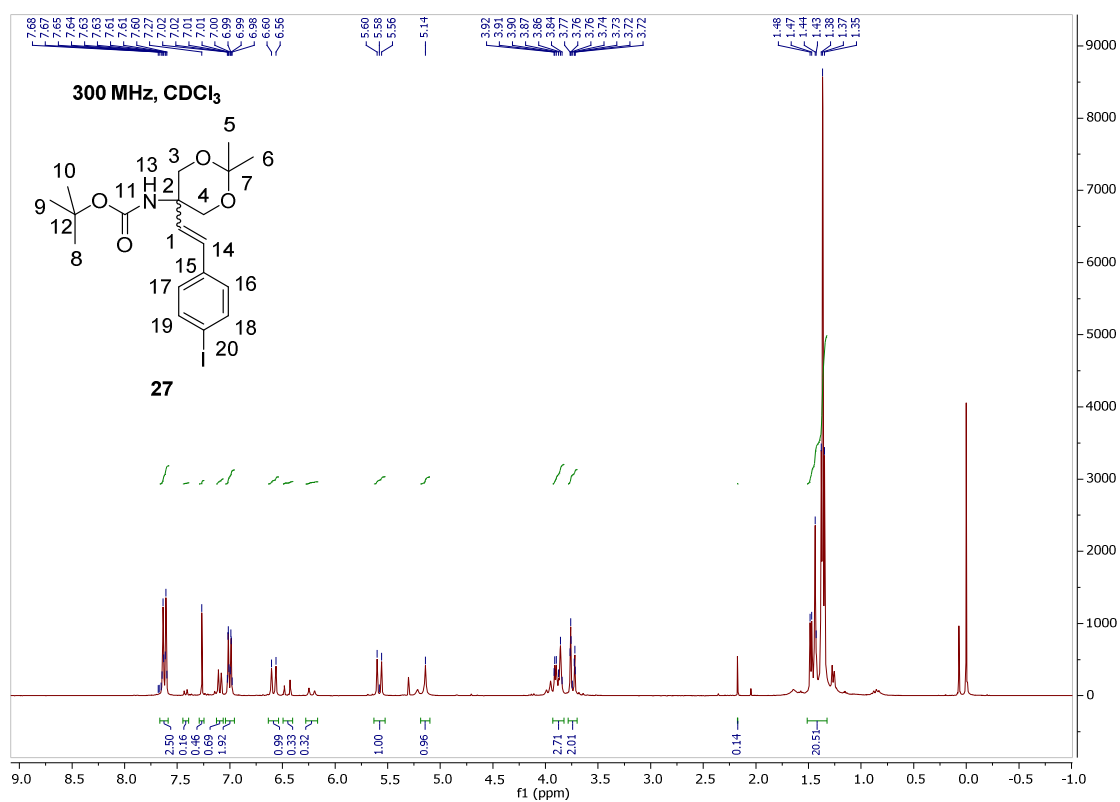


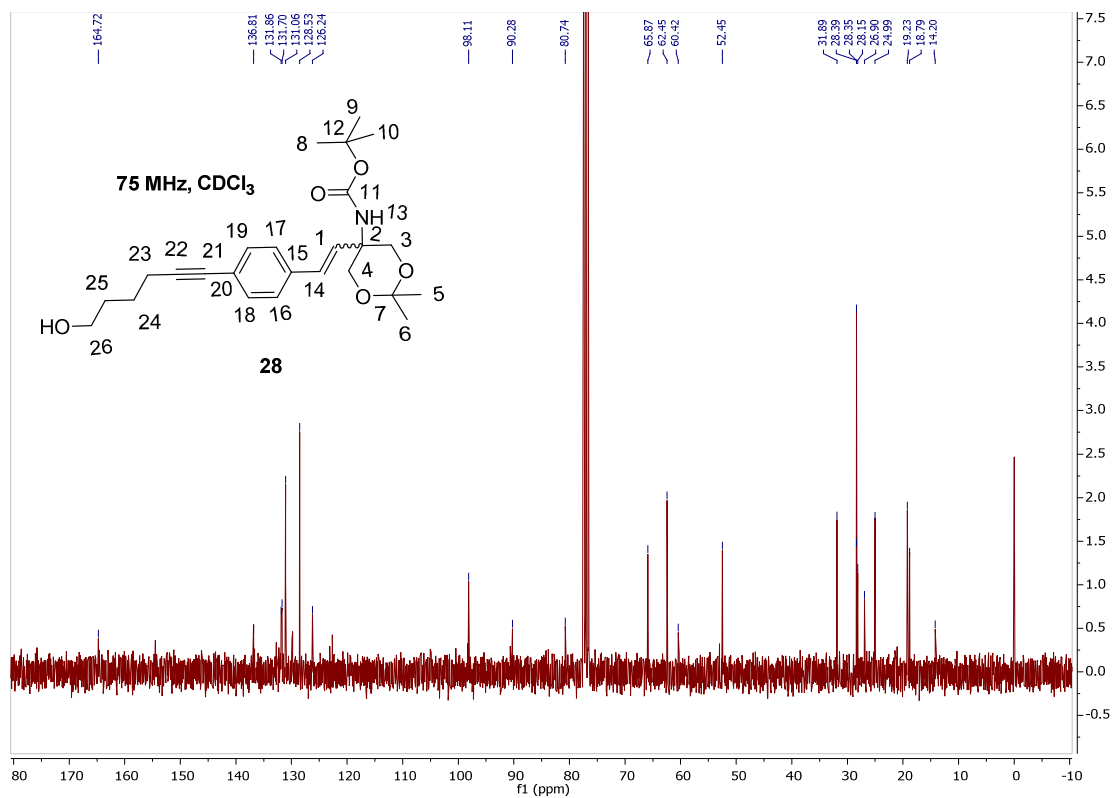
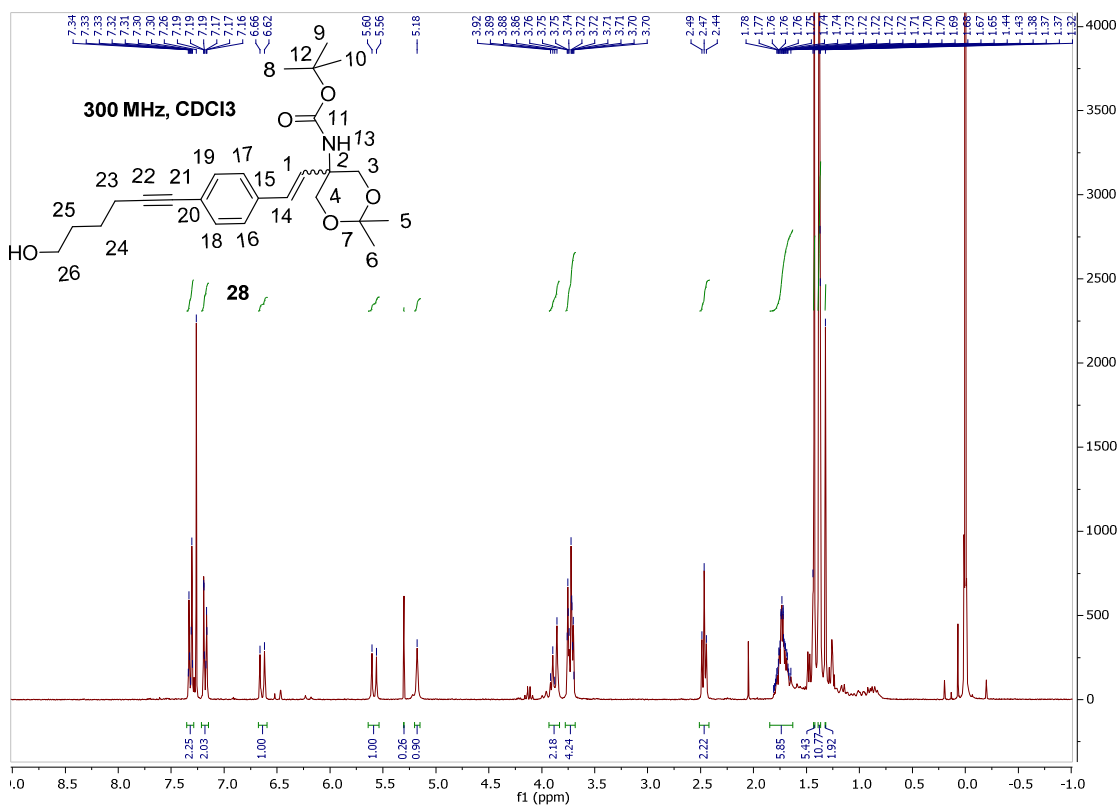


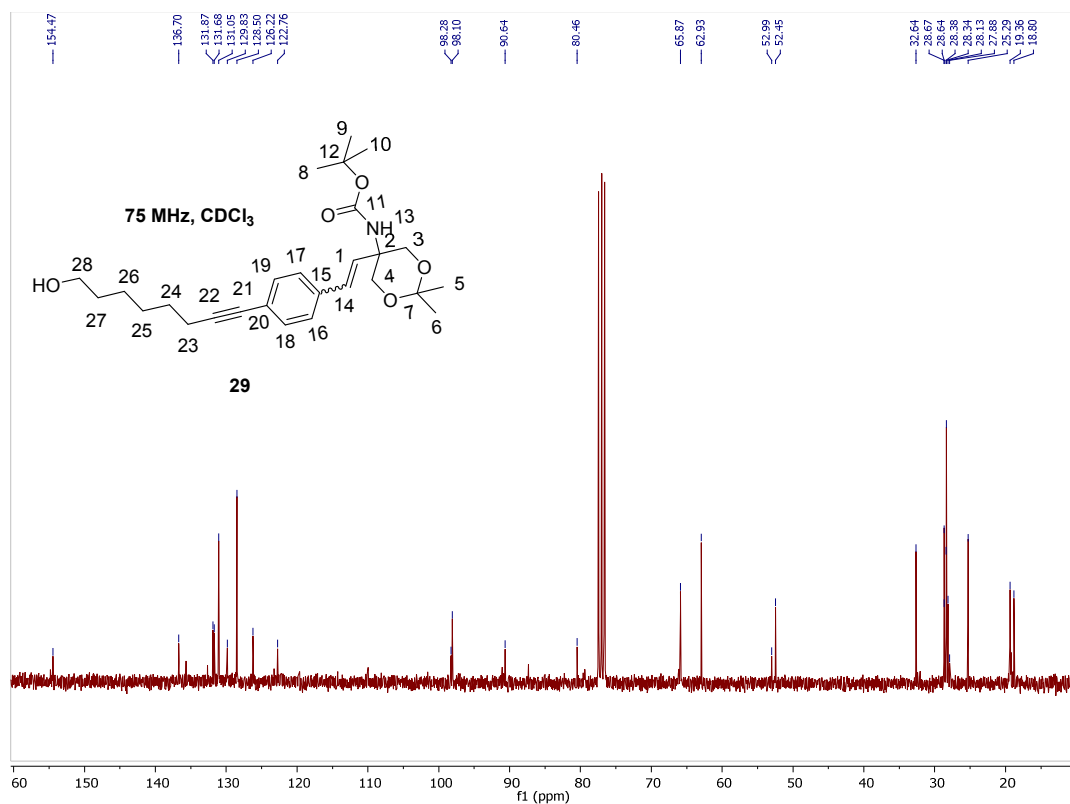
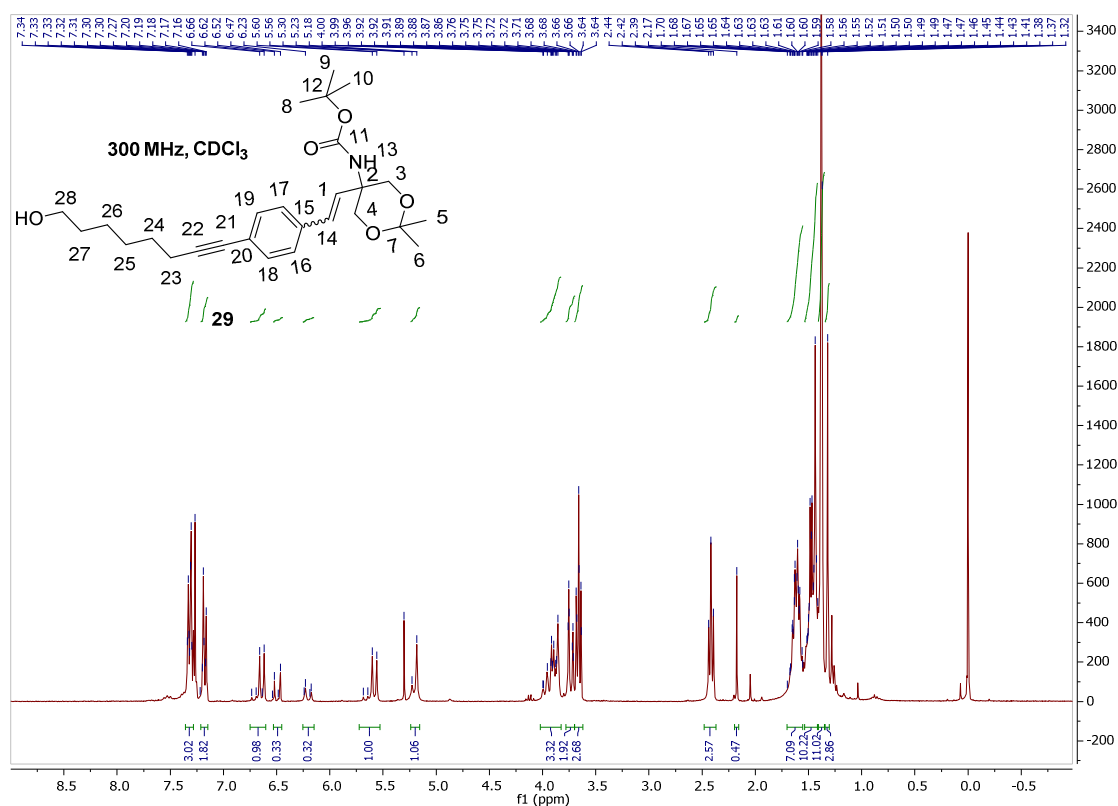


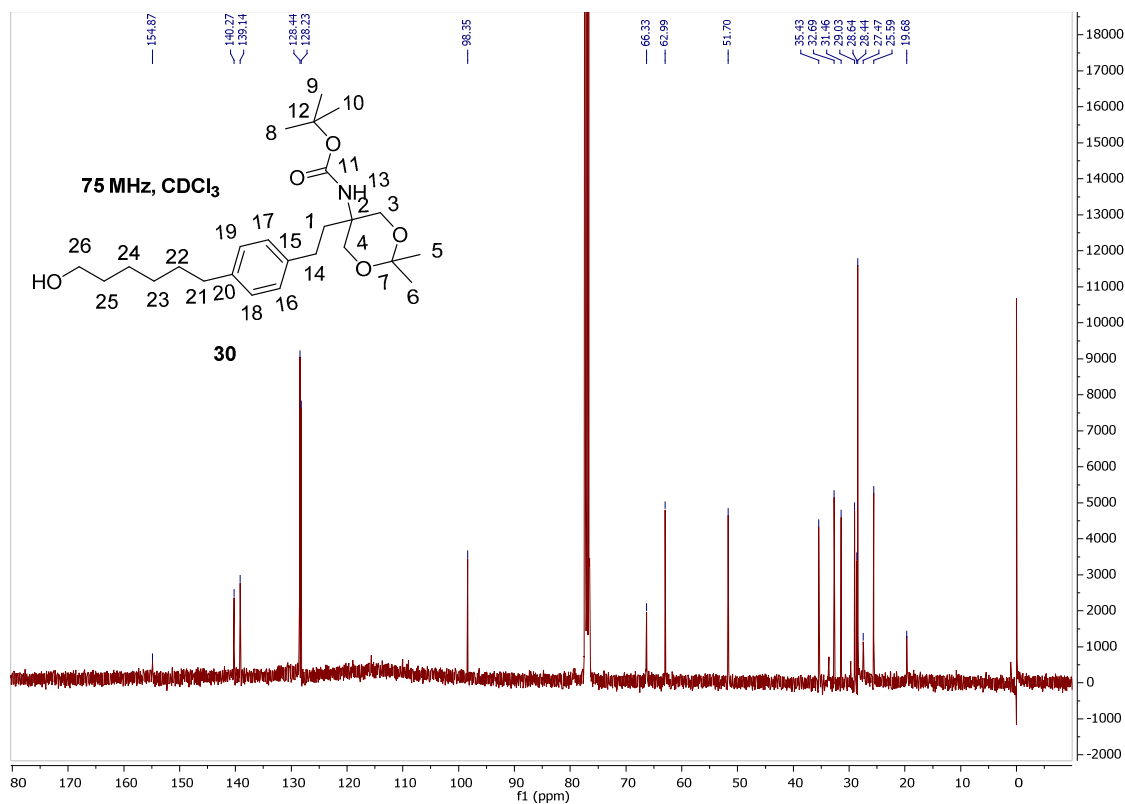
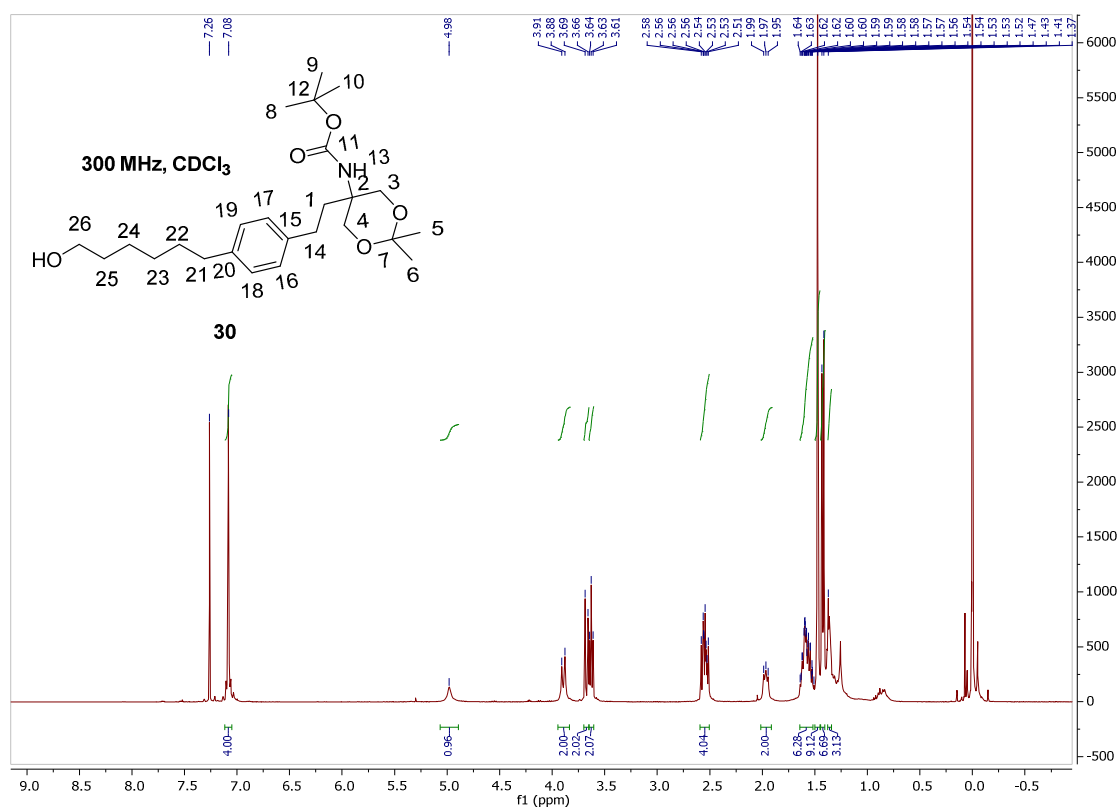


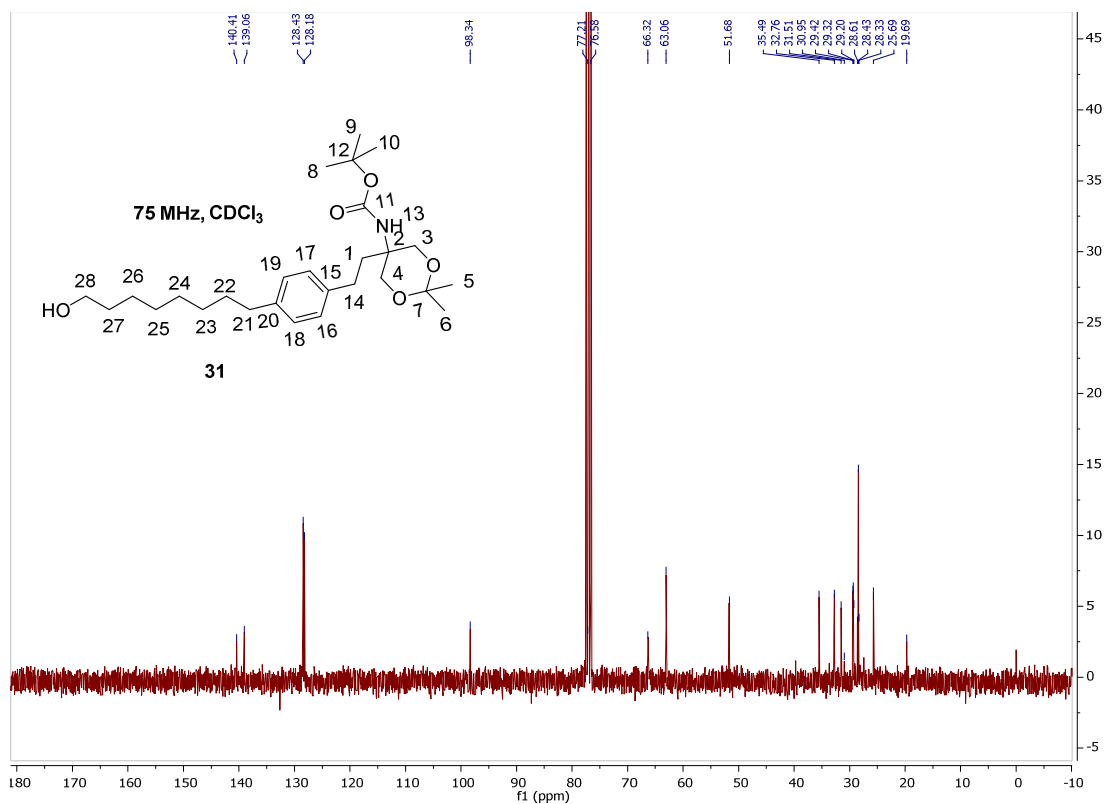
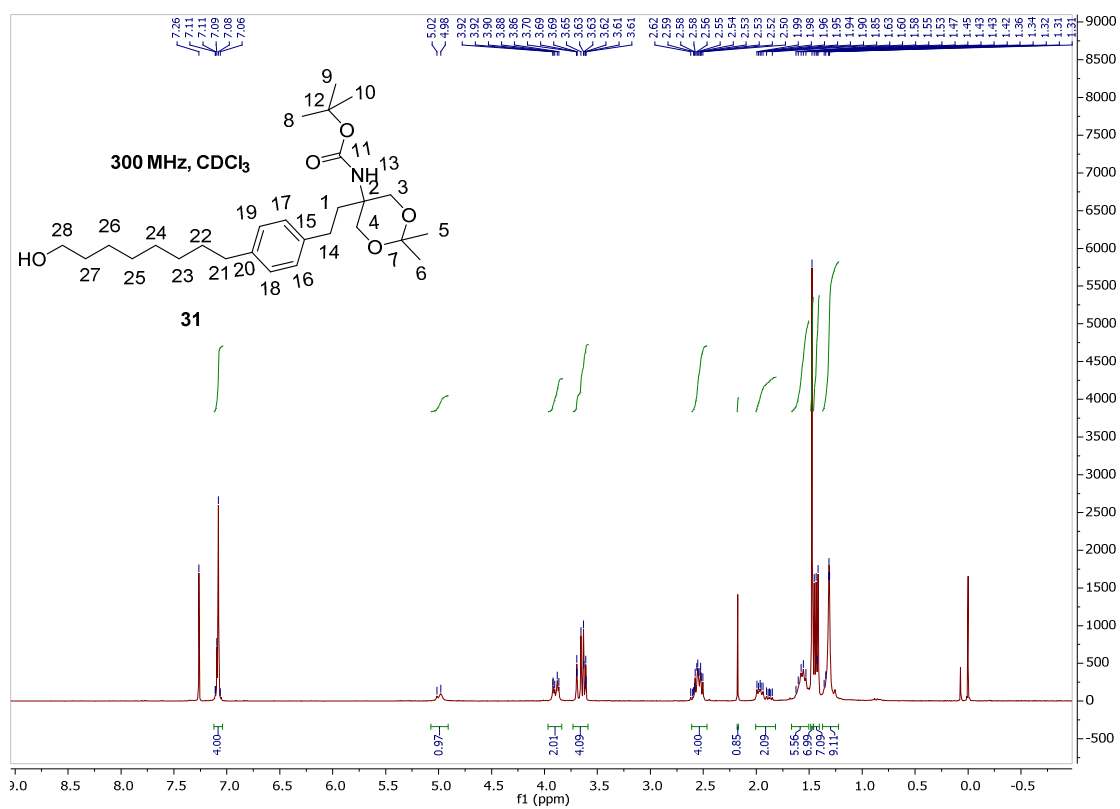


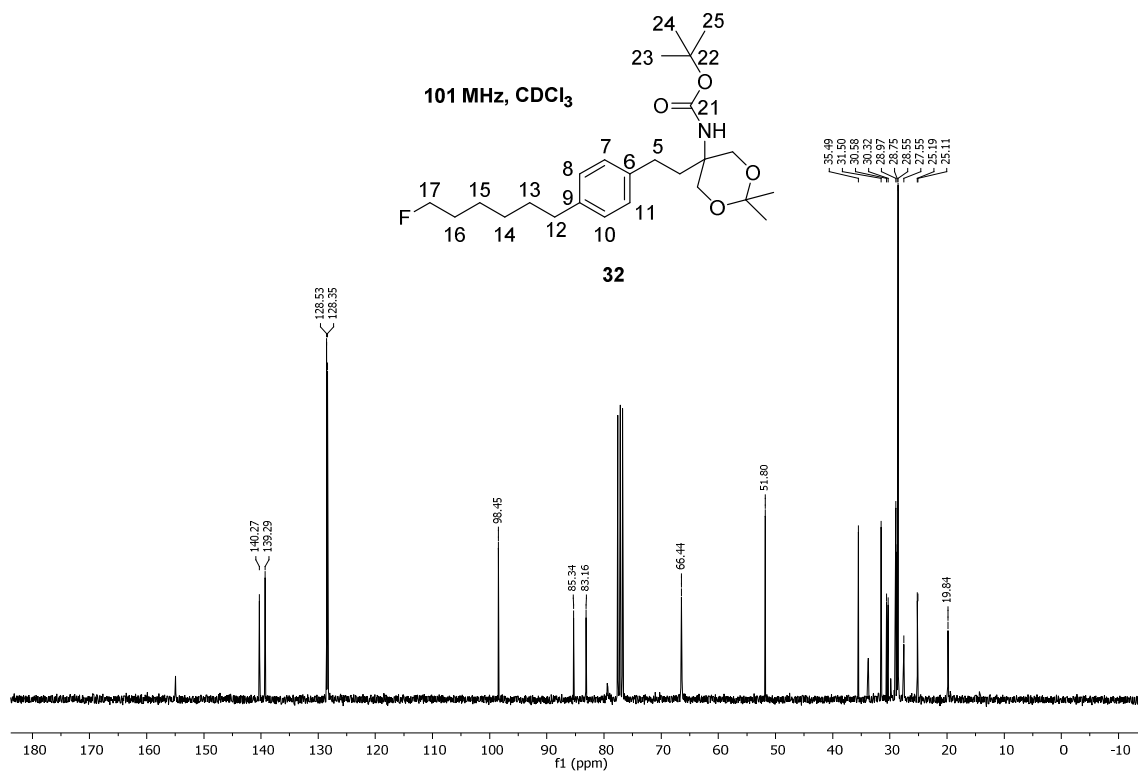
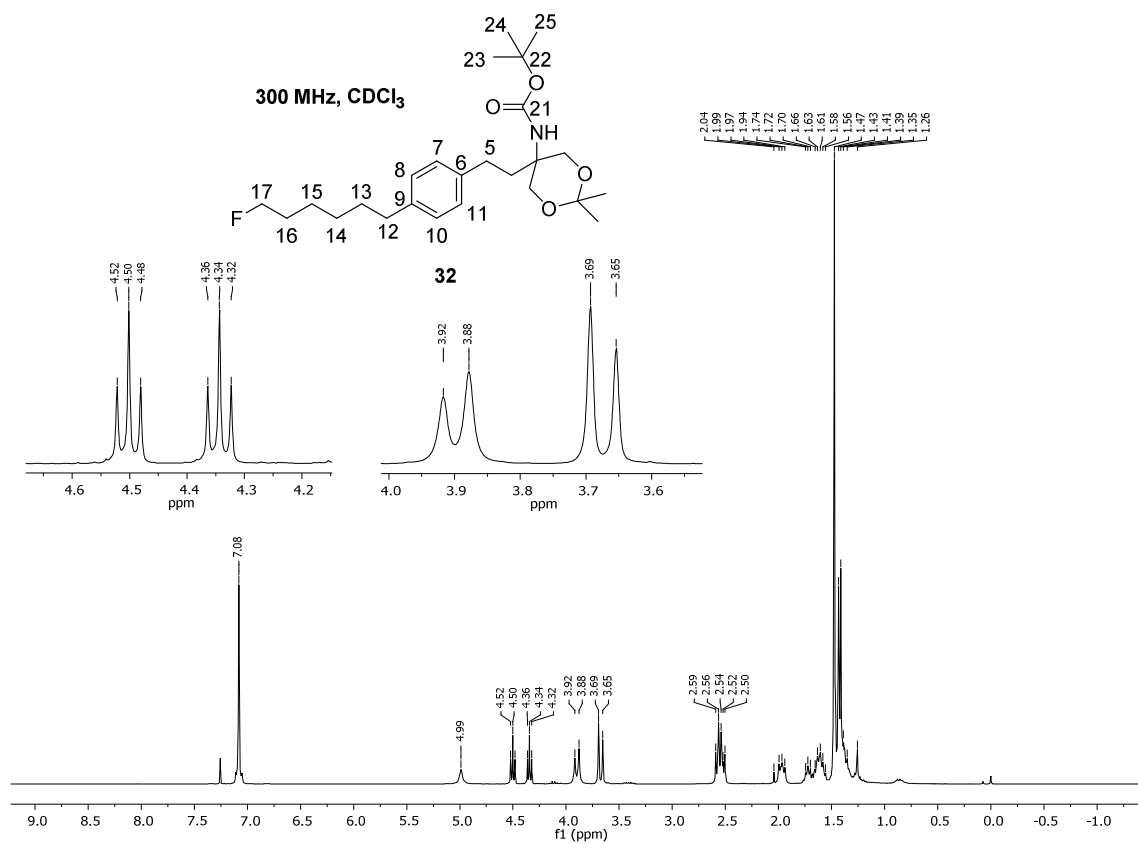


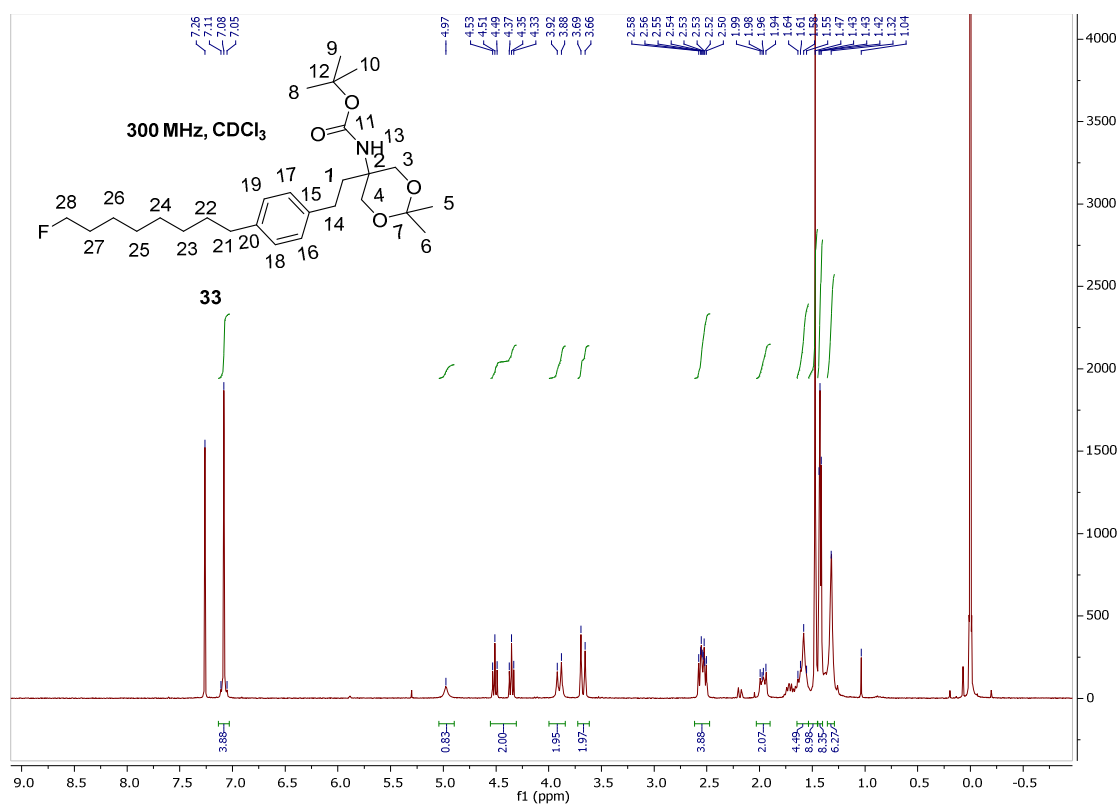
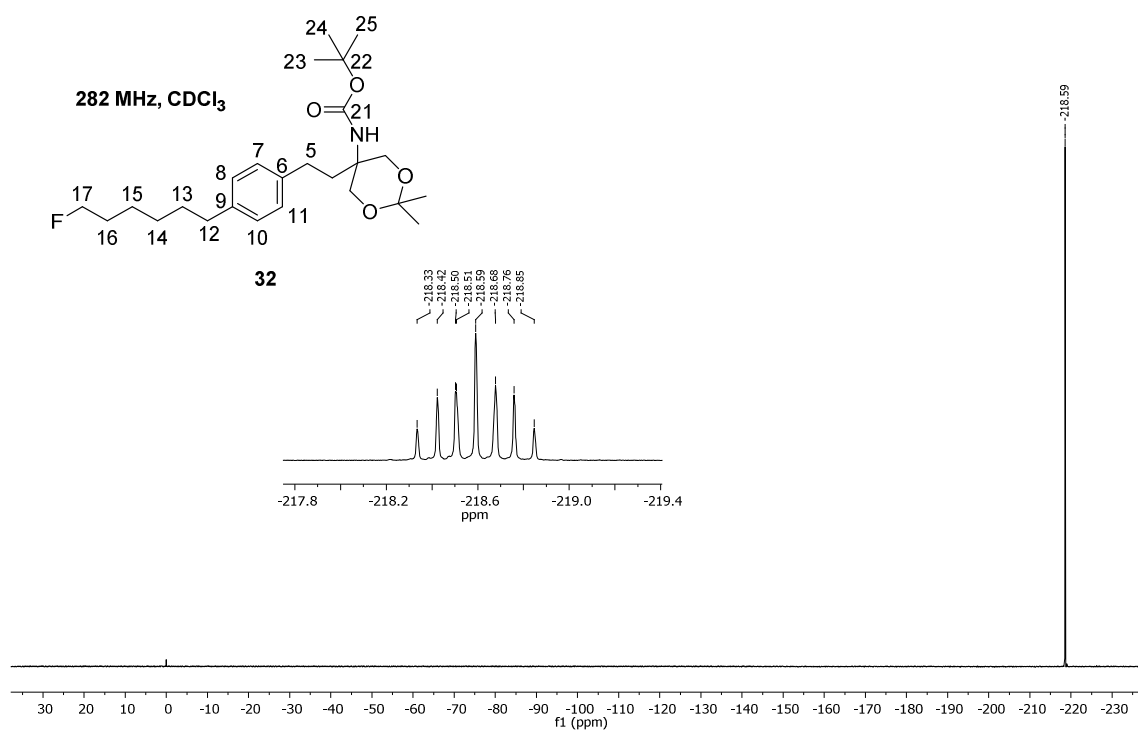


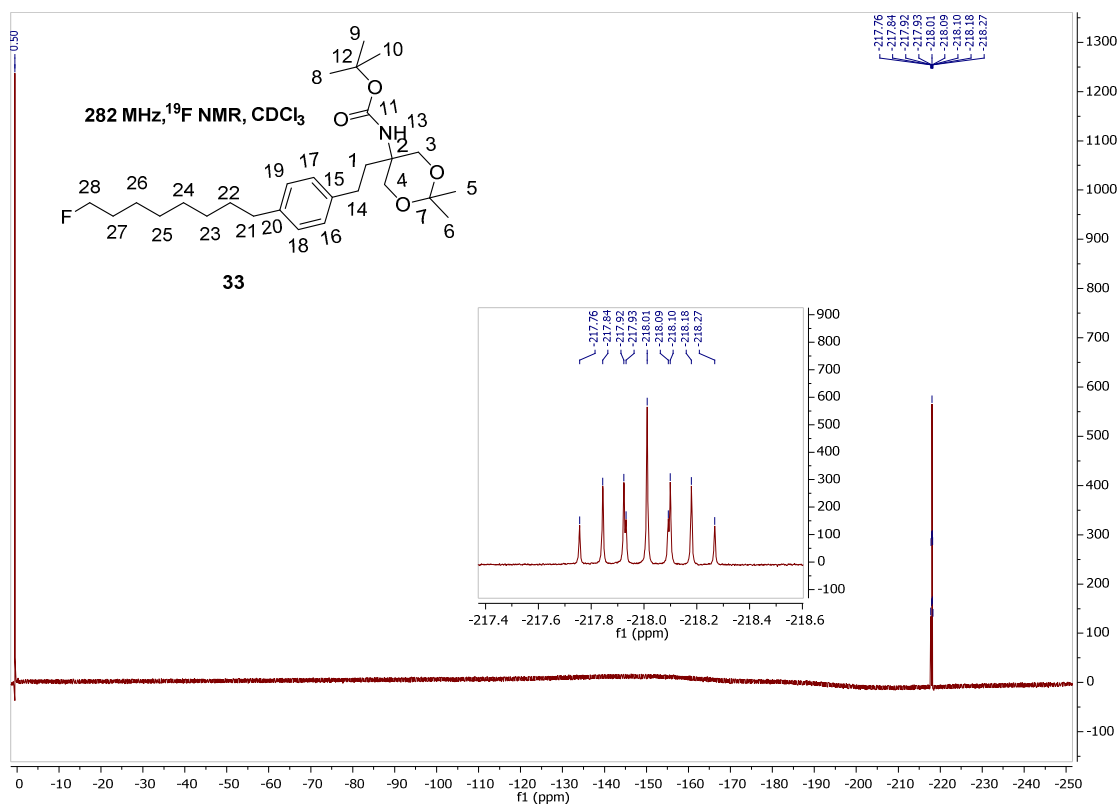
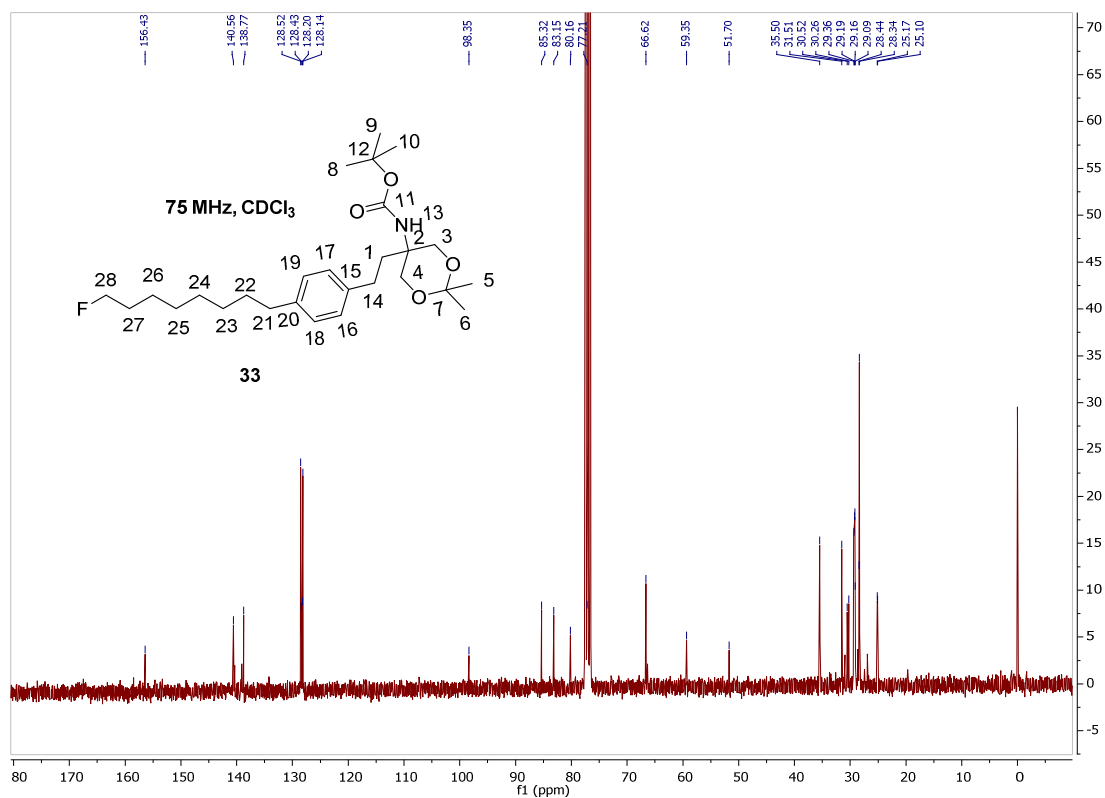


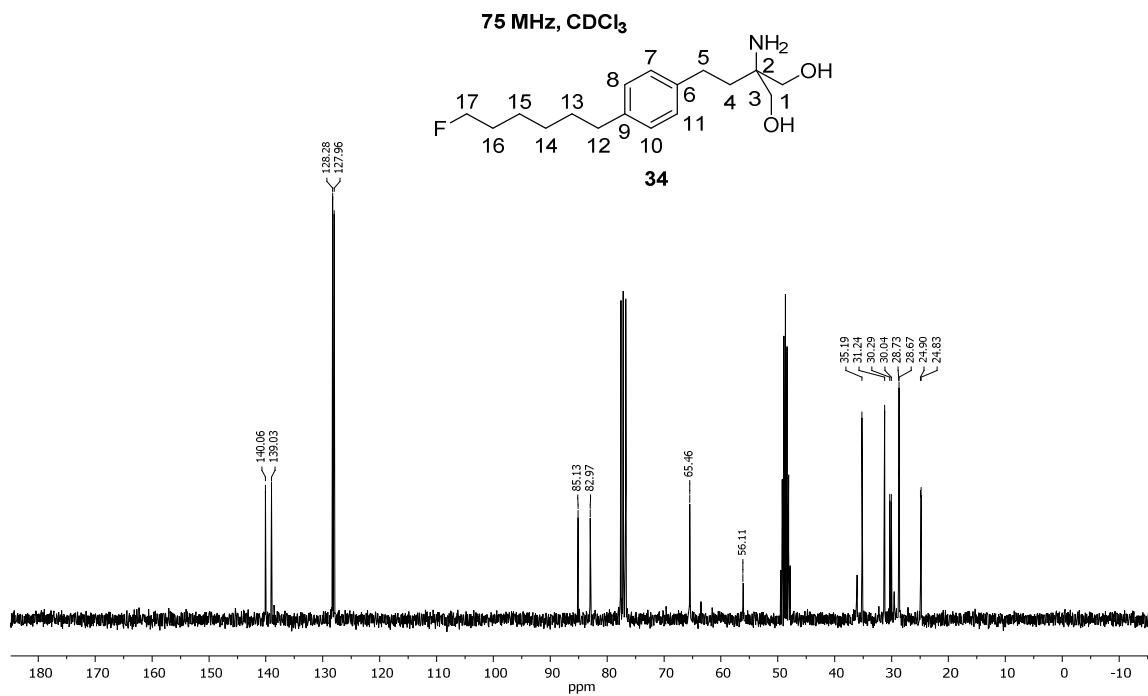
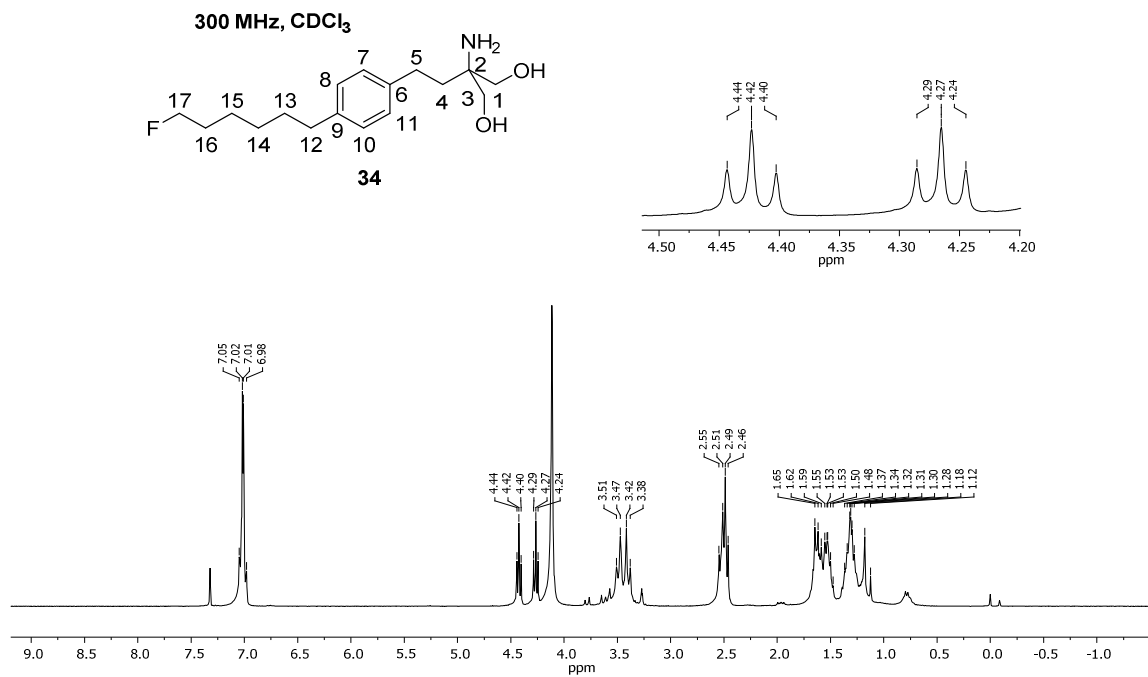


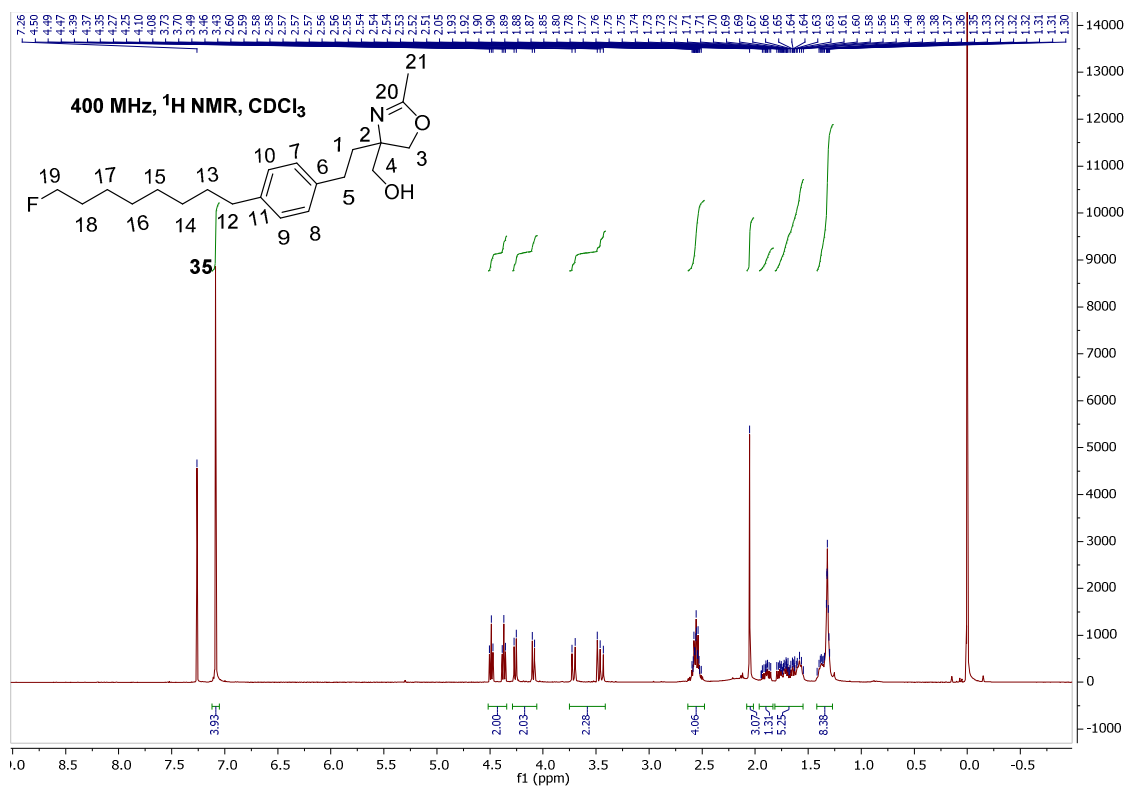
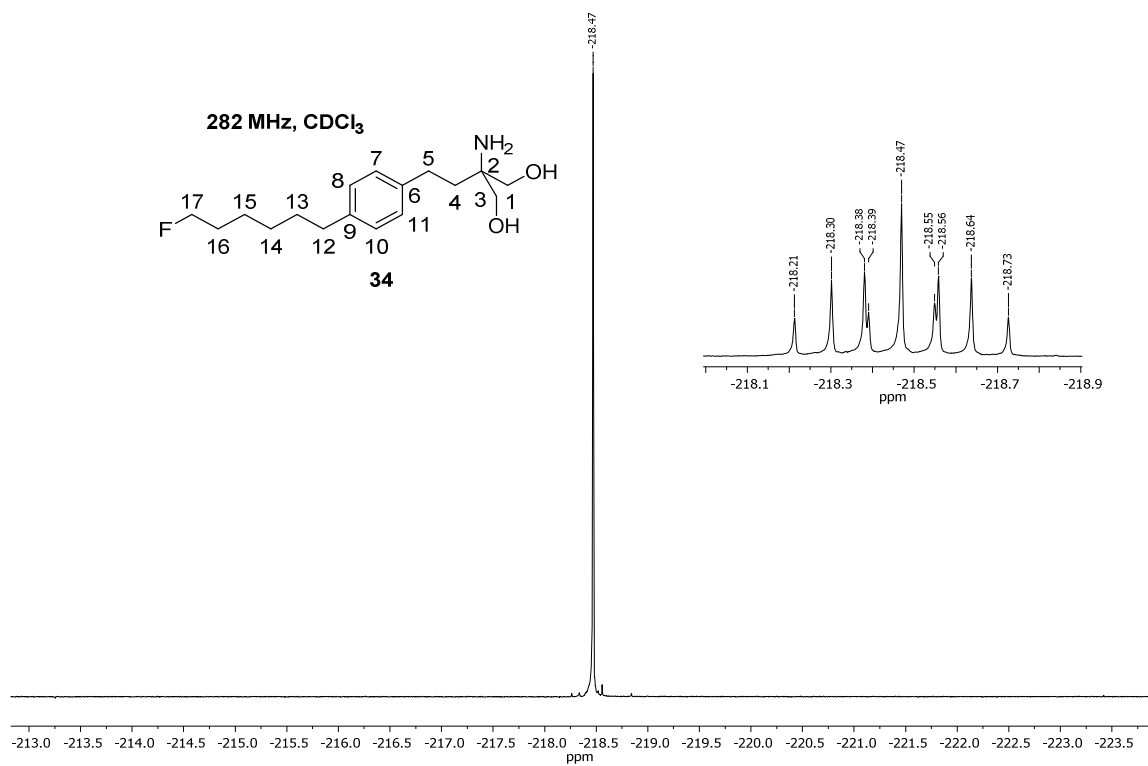


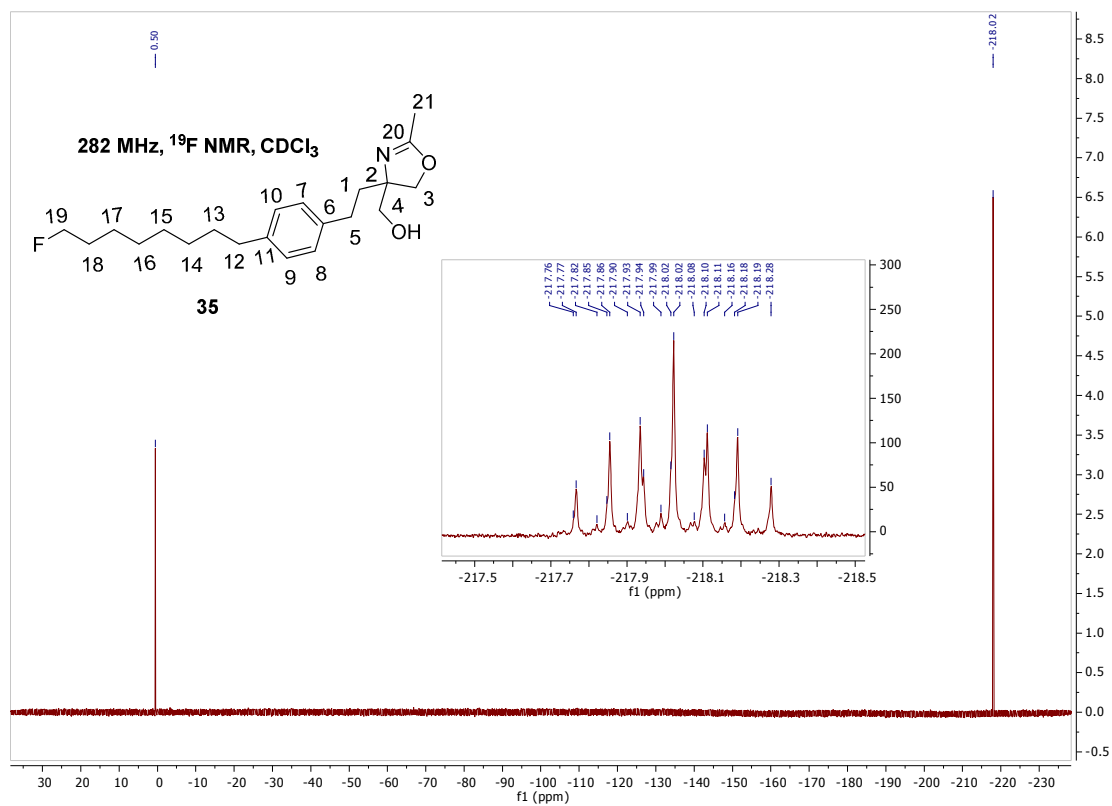
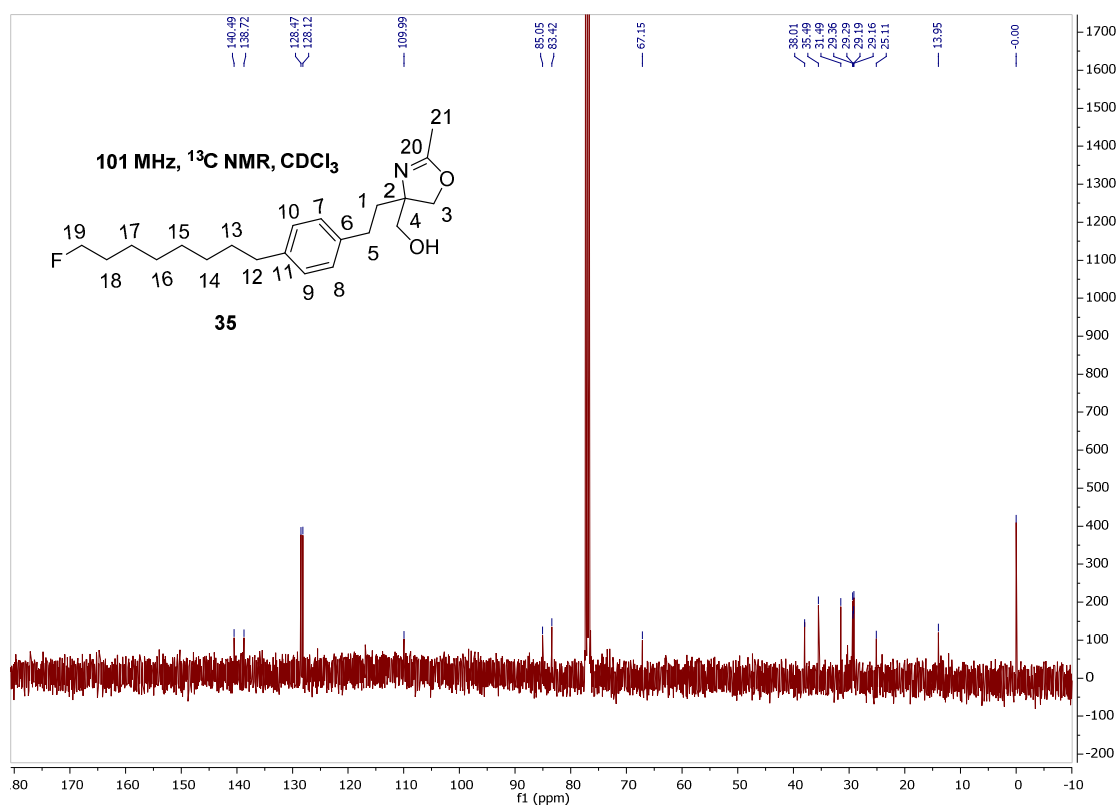


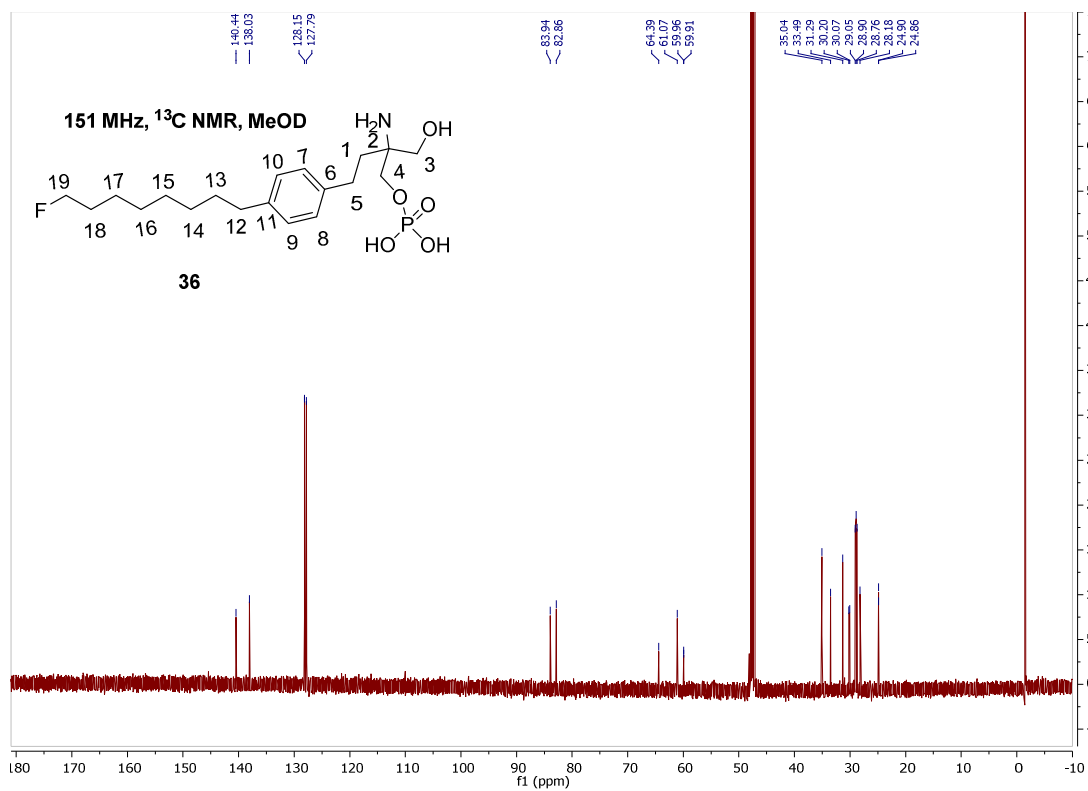
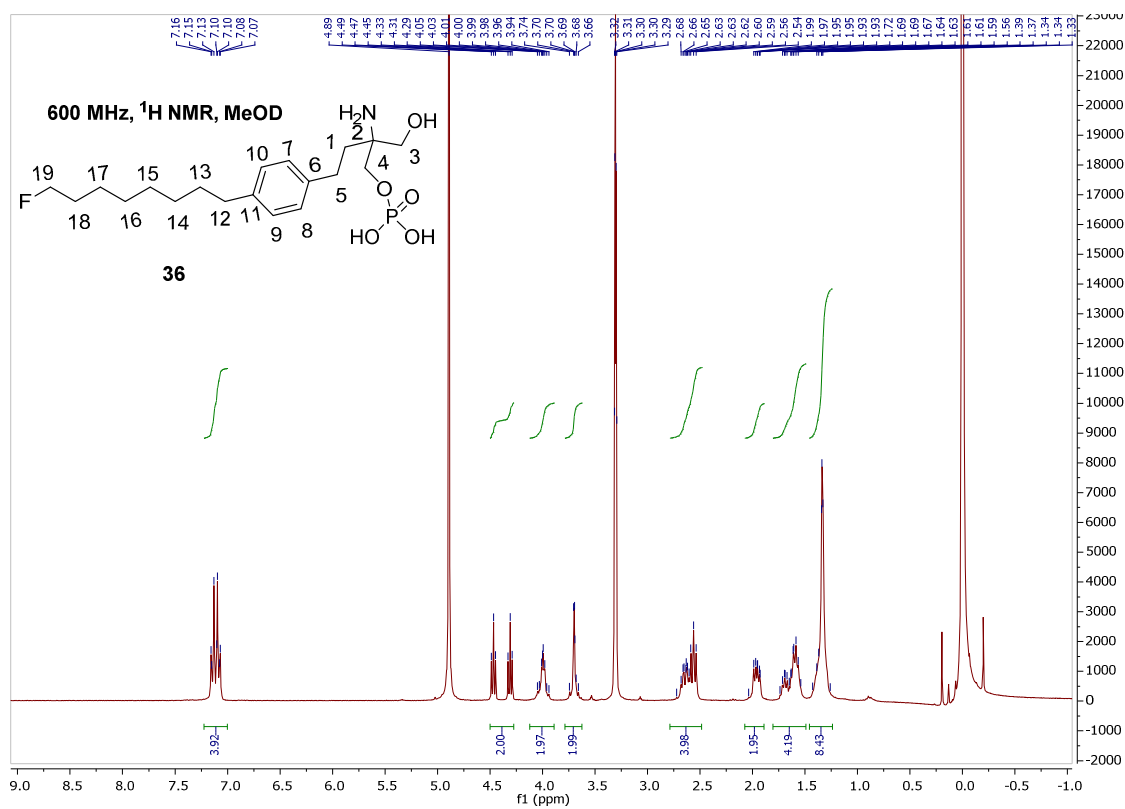


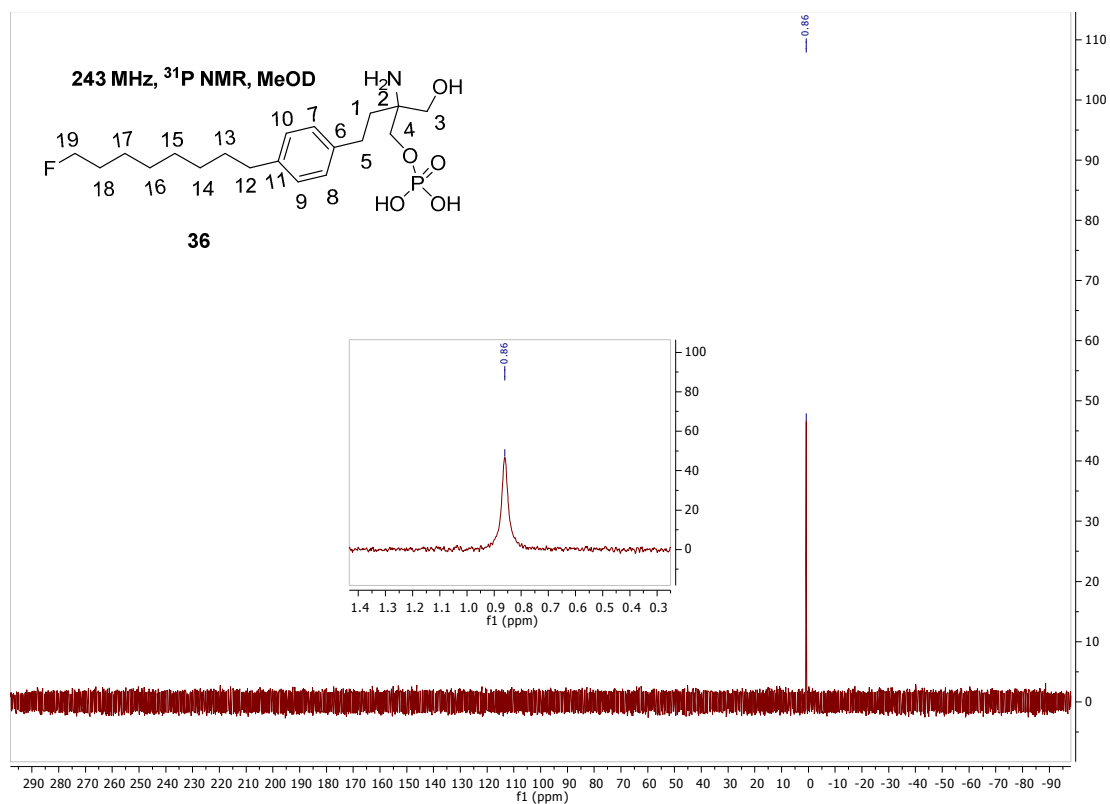
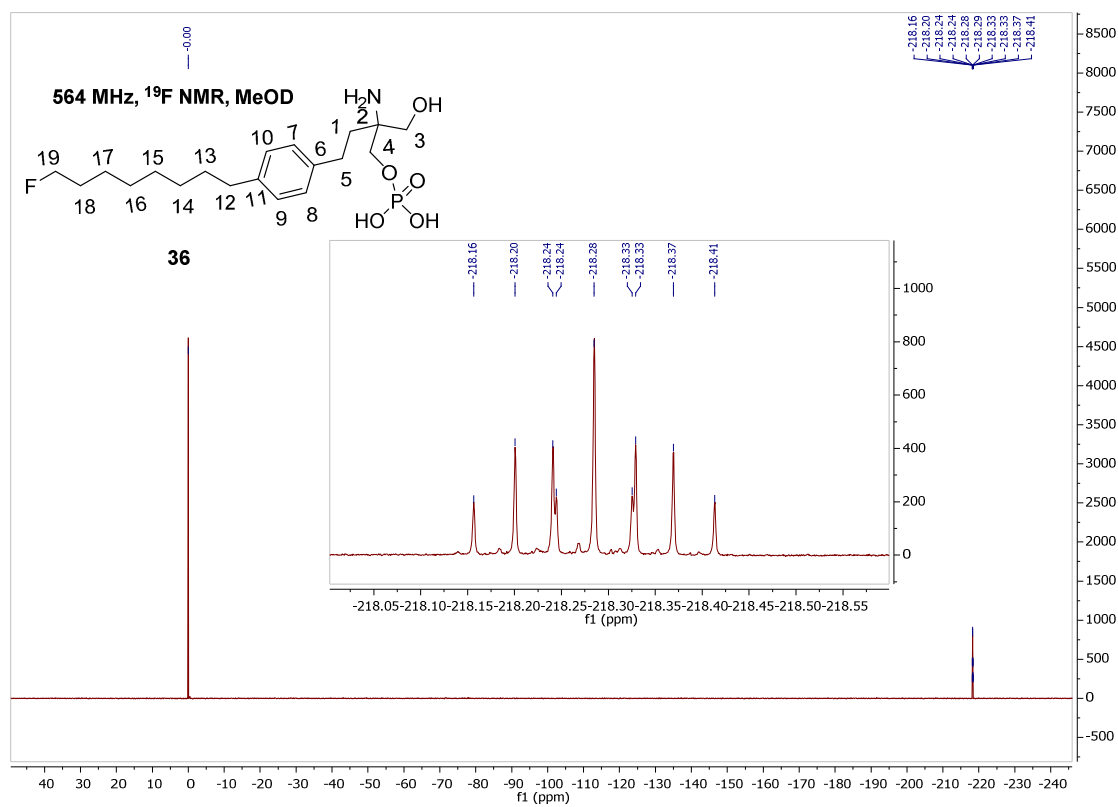


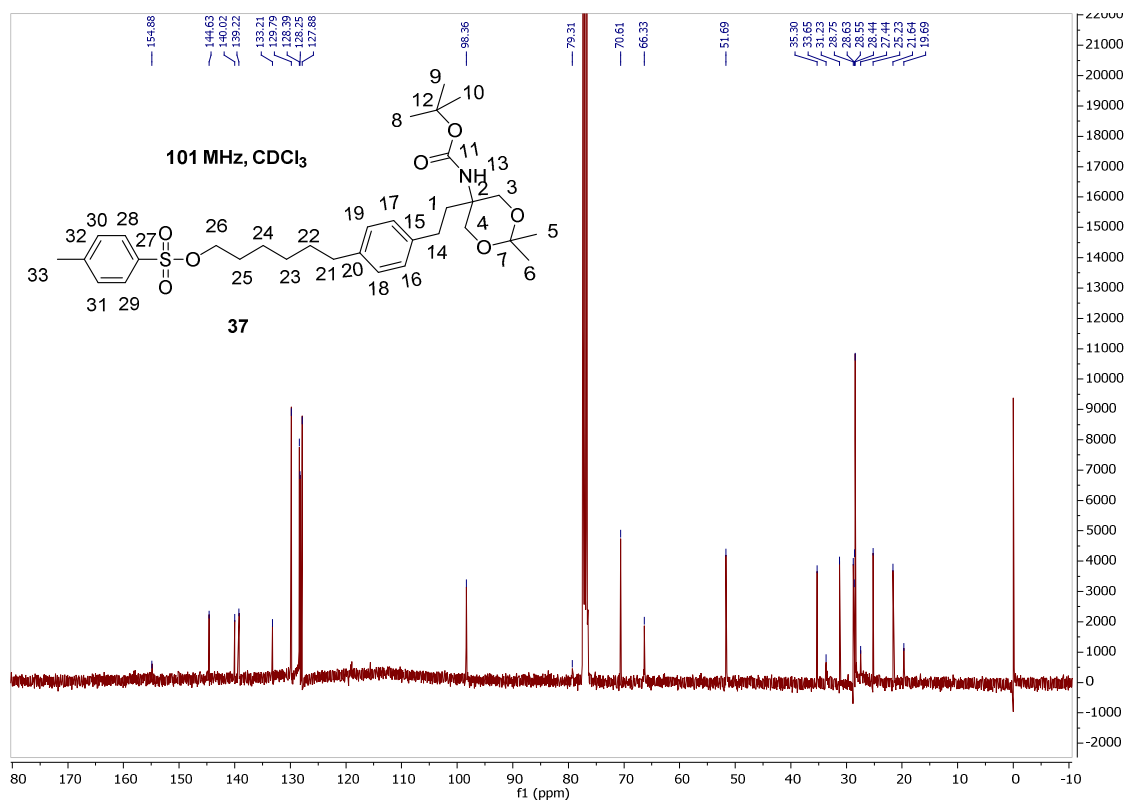
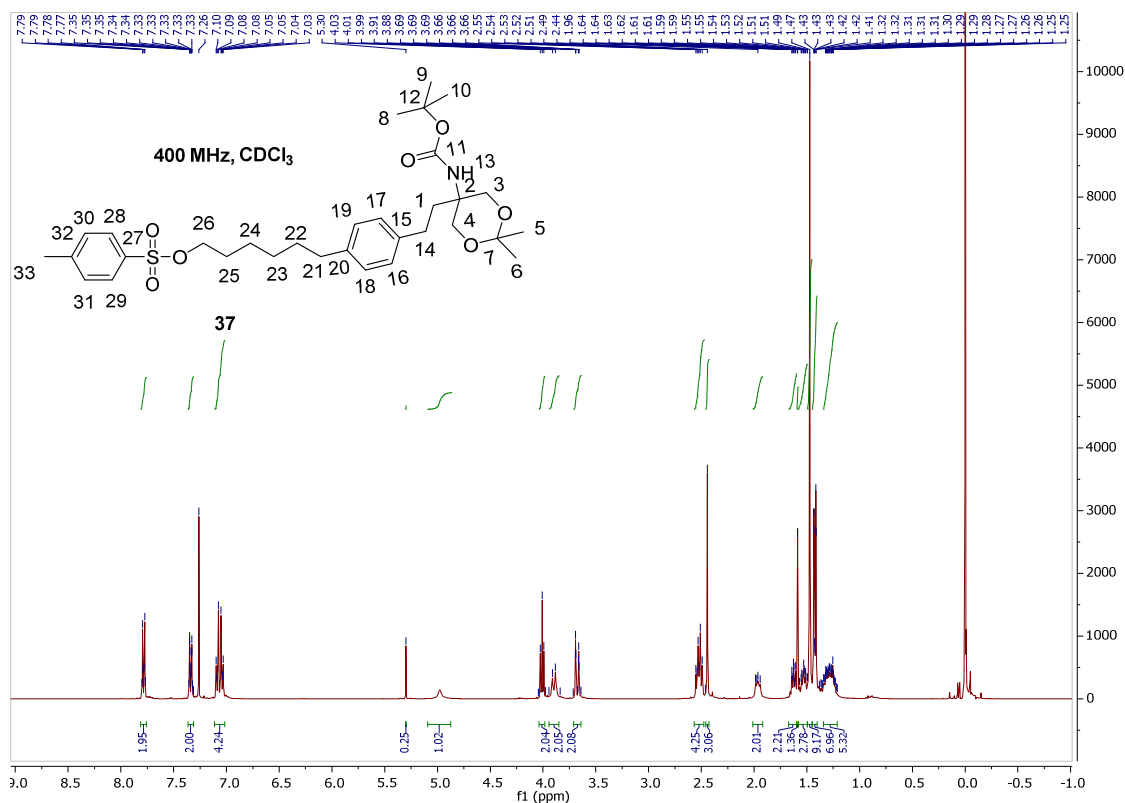


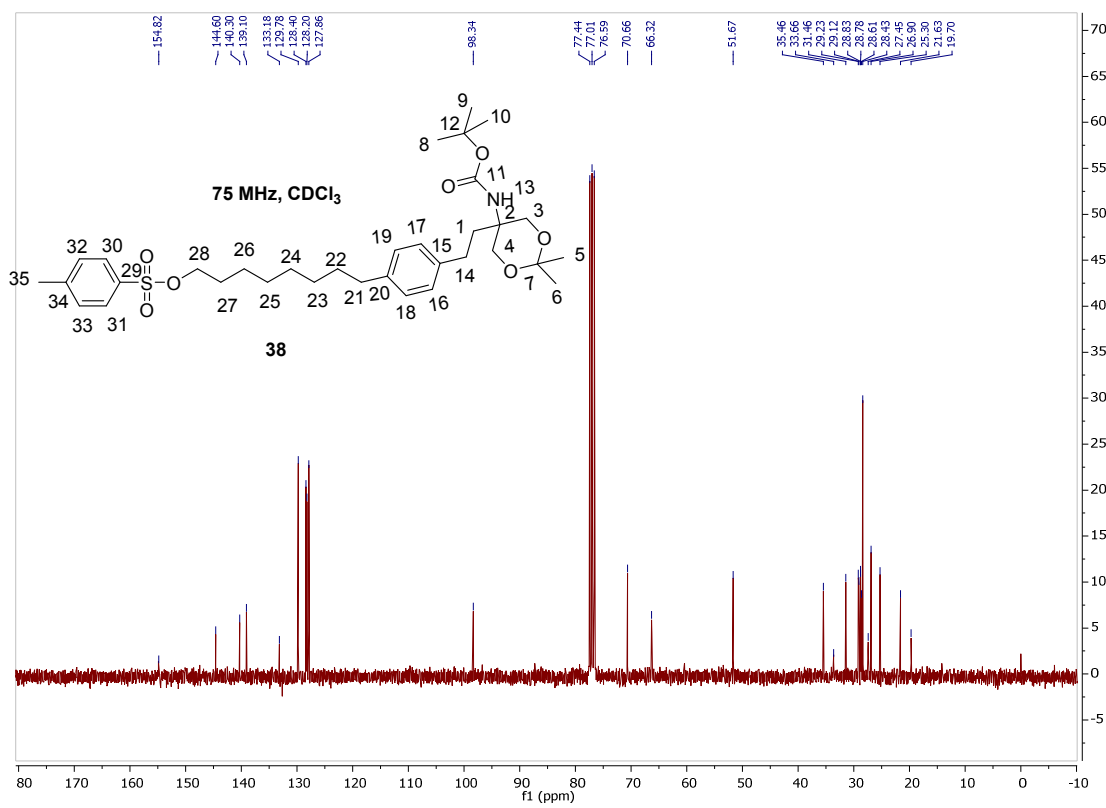
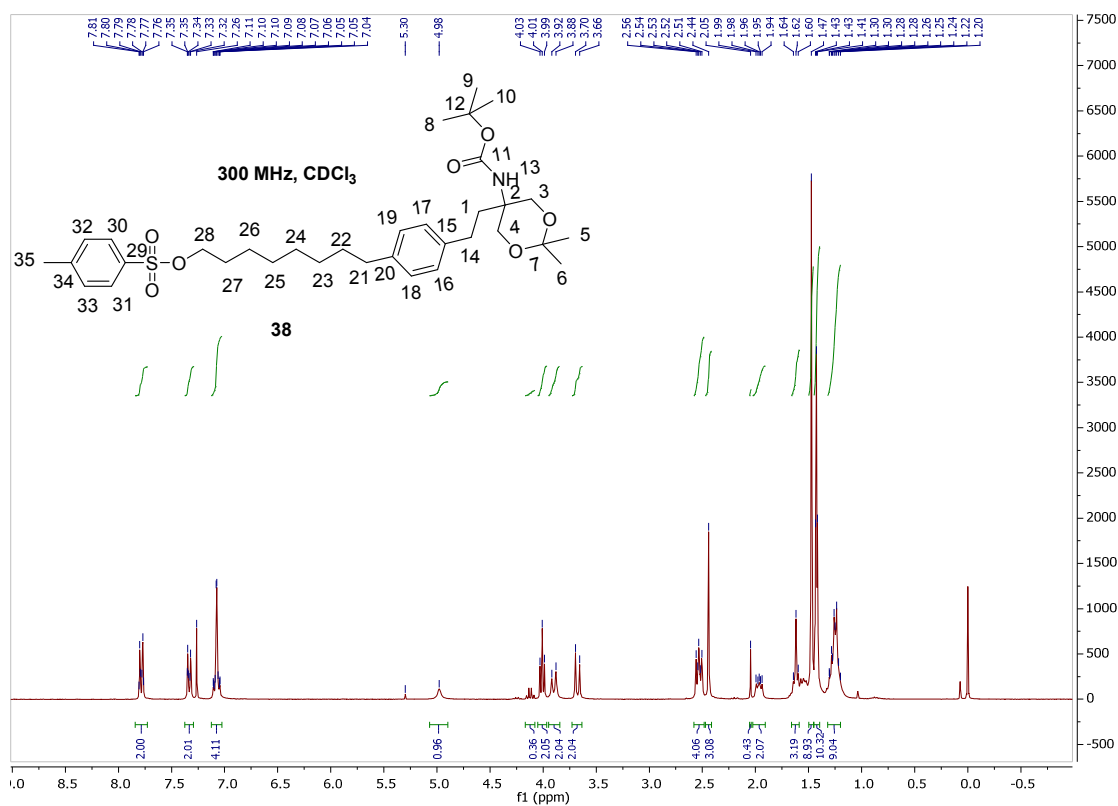












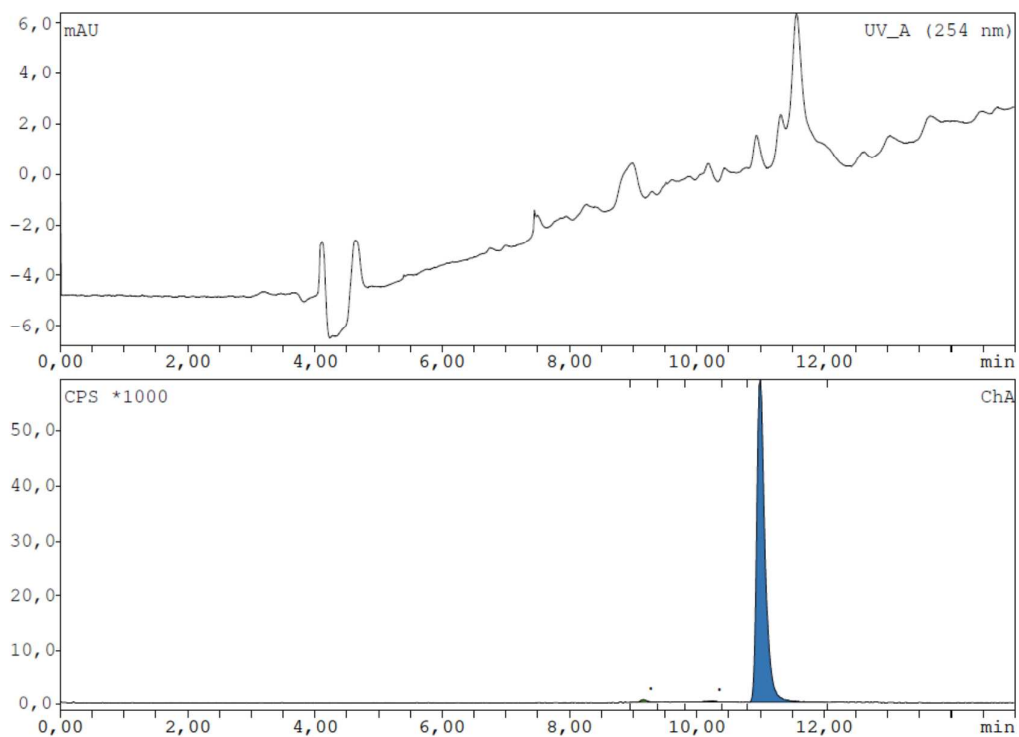


Figure S1. Radio HPLC chromatogram of [^{18}F]17 after radiolabelling experiment.

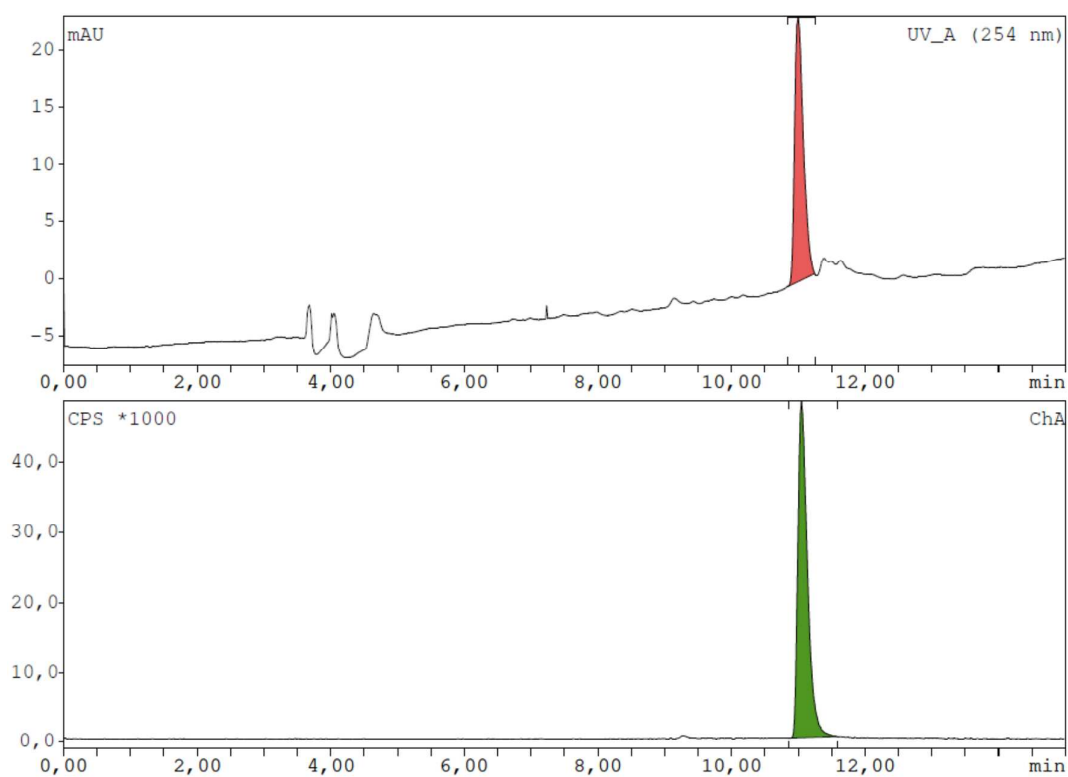


Figure S2. Radio HPLC chromatogram of [^{18}F]17 spiked with reference compound 17 with UV (top) and γ -detector (bottom).

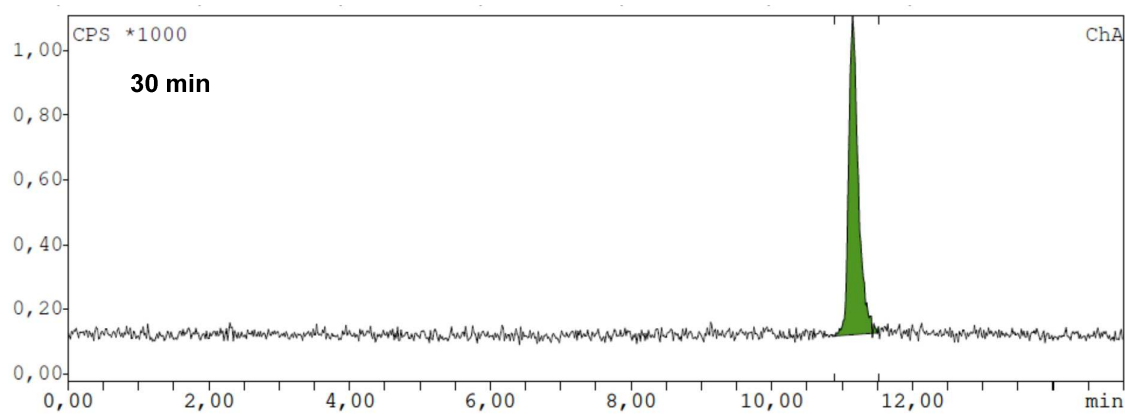


Figure S3. *In vitro* stability of [^{18}F]17 ($t_{\text{R}} = 11.15$ min) after incubation in human blood serum at 37°C after 30 min