

Supporting Information

Synthesis, characterization and applicability of three isotope labeled azobenzene photoswitches

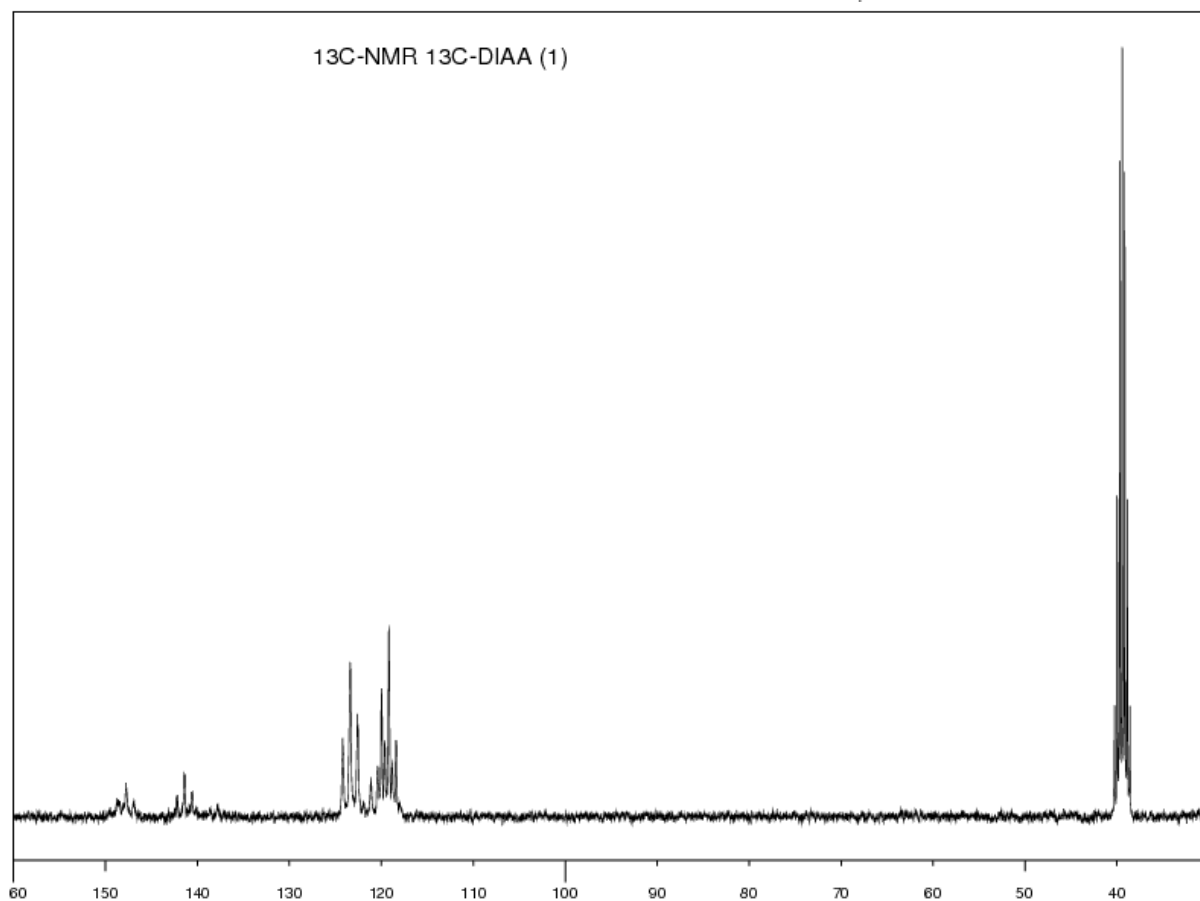
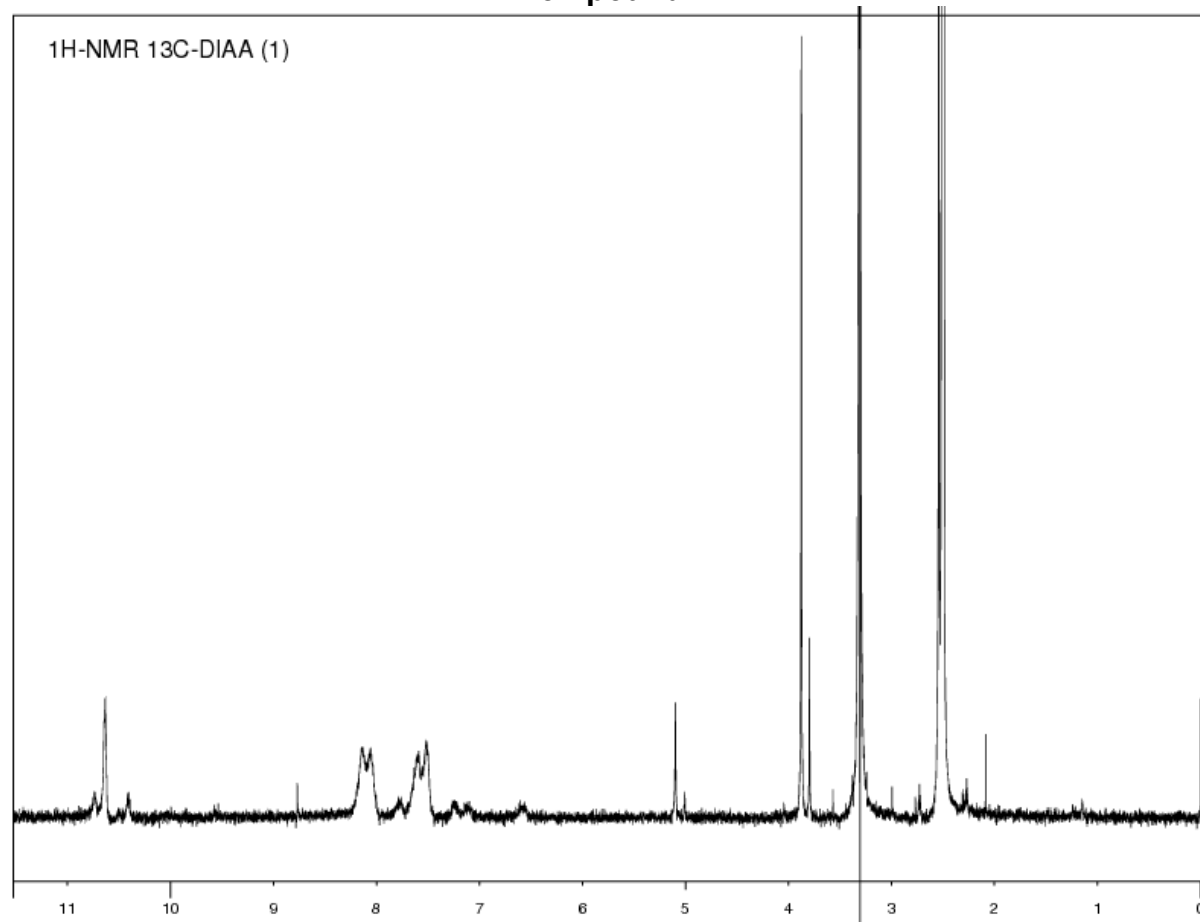
Rolf Pfister,^a Janne Ihalainen,^a Peter Hamm^{*a} and Christoph Kolano^{*a}

^a *Physikalisch-Chemisches Institut, Universität Zürich, Winterthurerstrasse 190,
CH-8057 Zürich, Switzerland. Fax: +41 4463 56838;
E-mail: p Hamm@pci.unizh.ch, c.kolano@pci.unizh.ch*

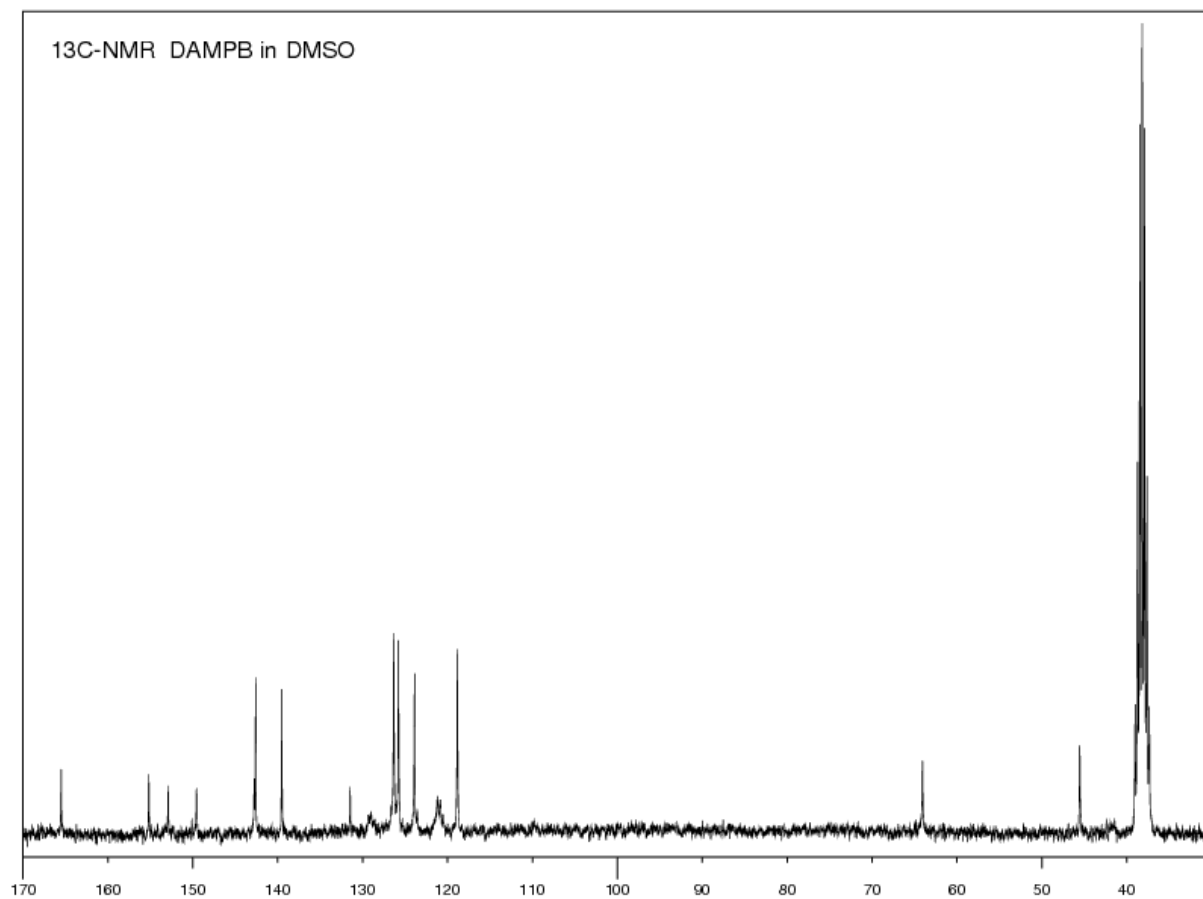
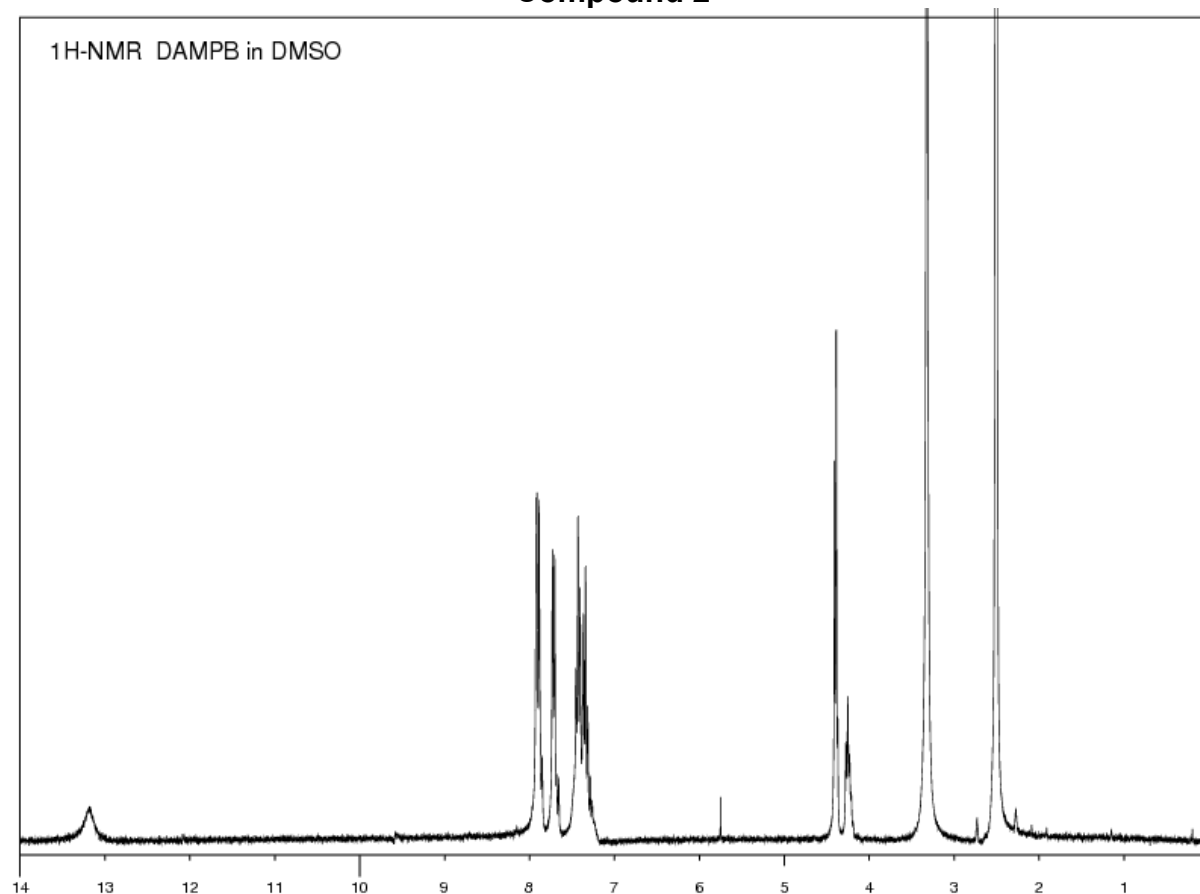
Table of contents

NMR spectra (¹ H and/or ¹³ C) for all compounds reported in the manuscript	2-21
---	------

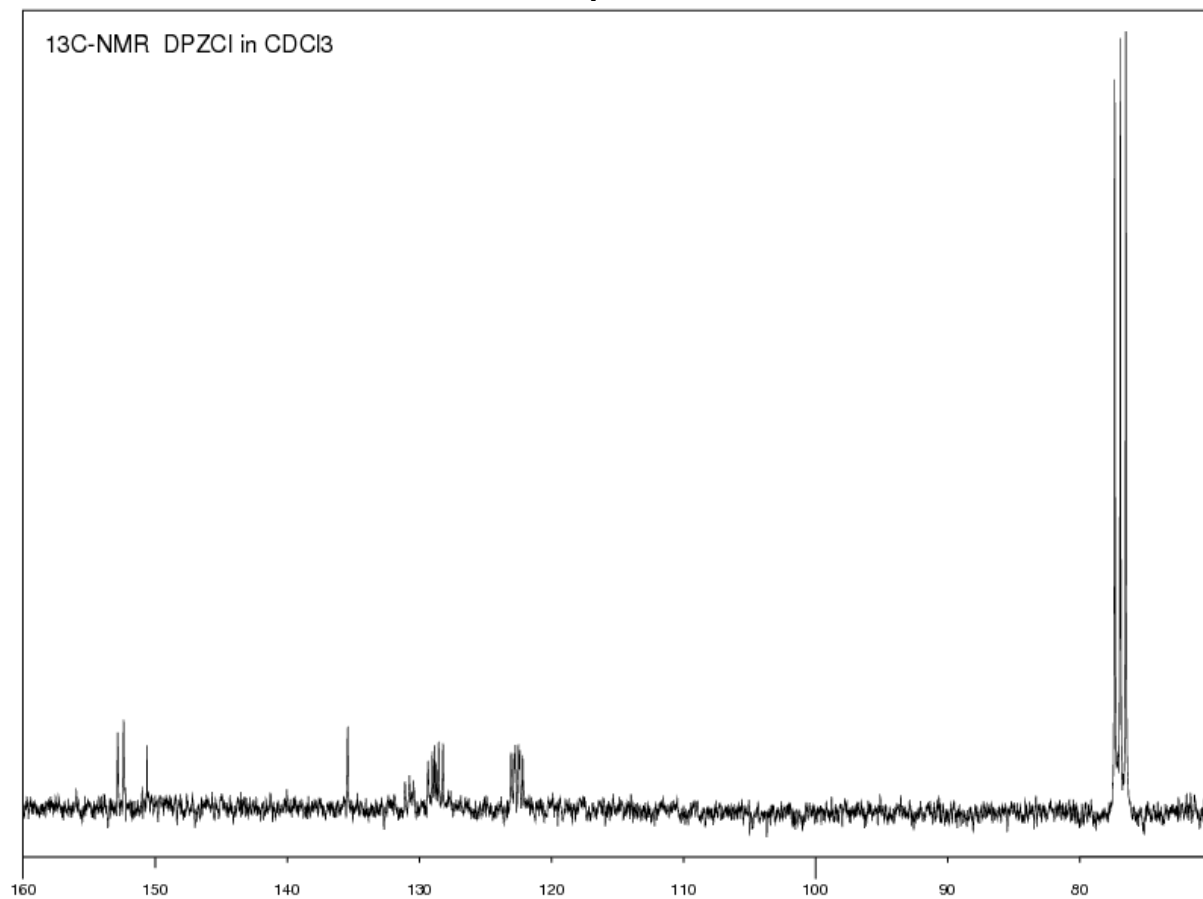
Compound 1



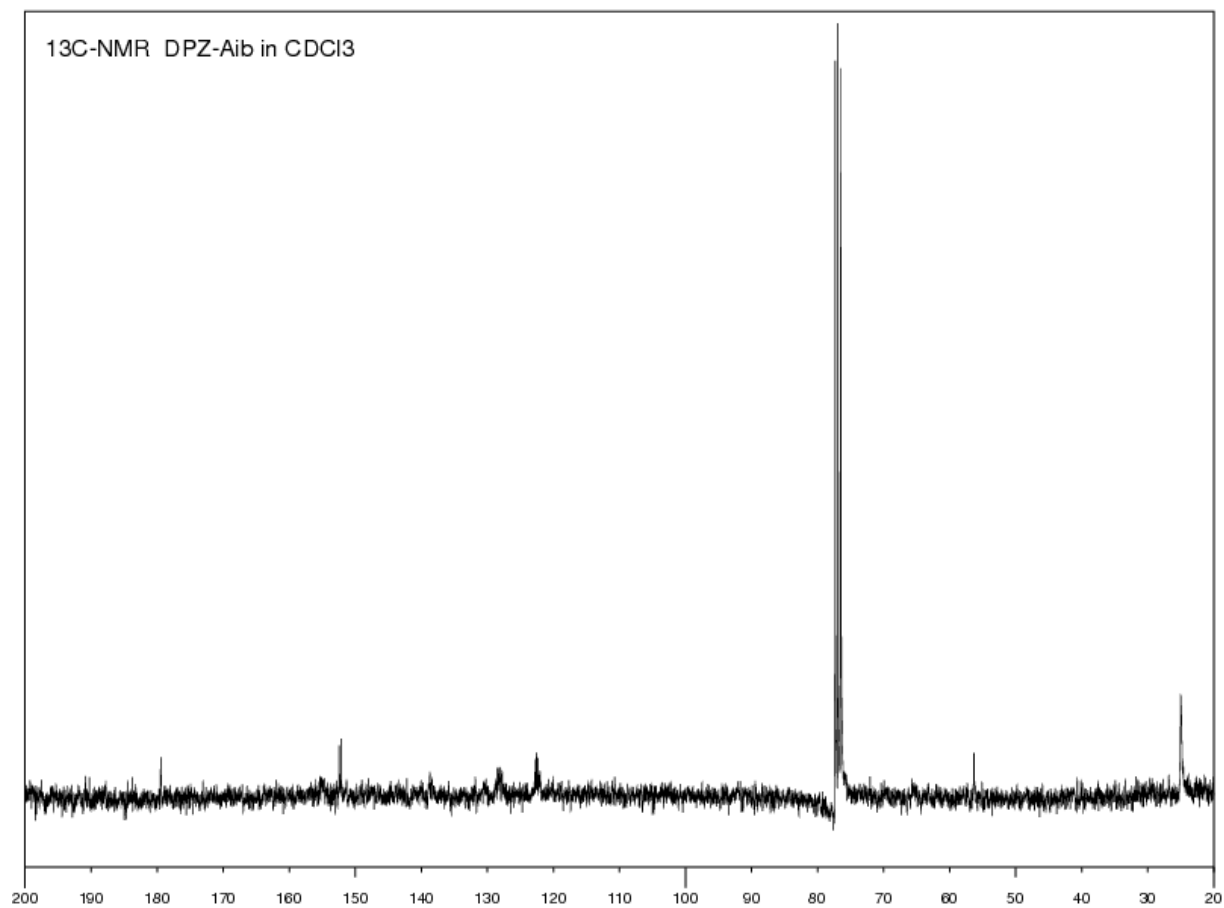
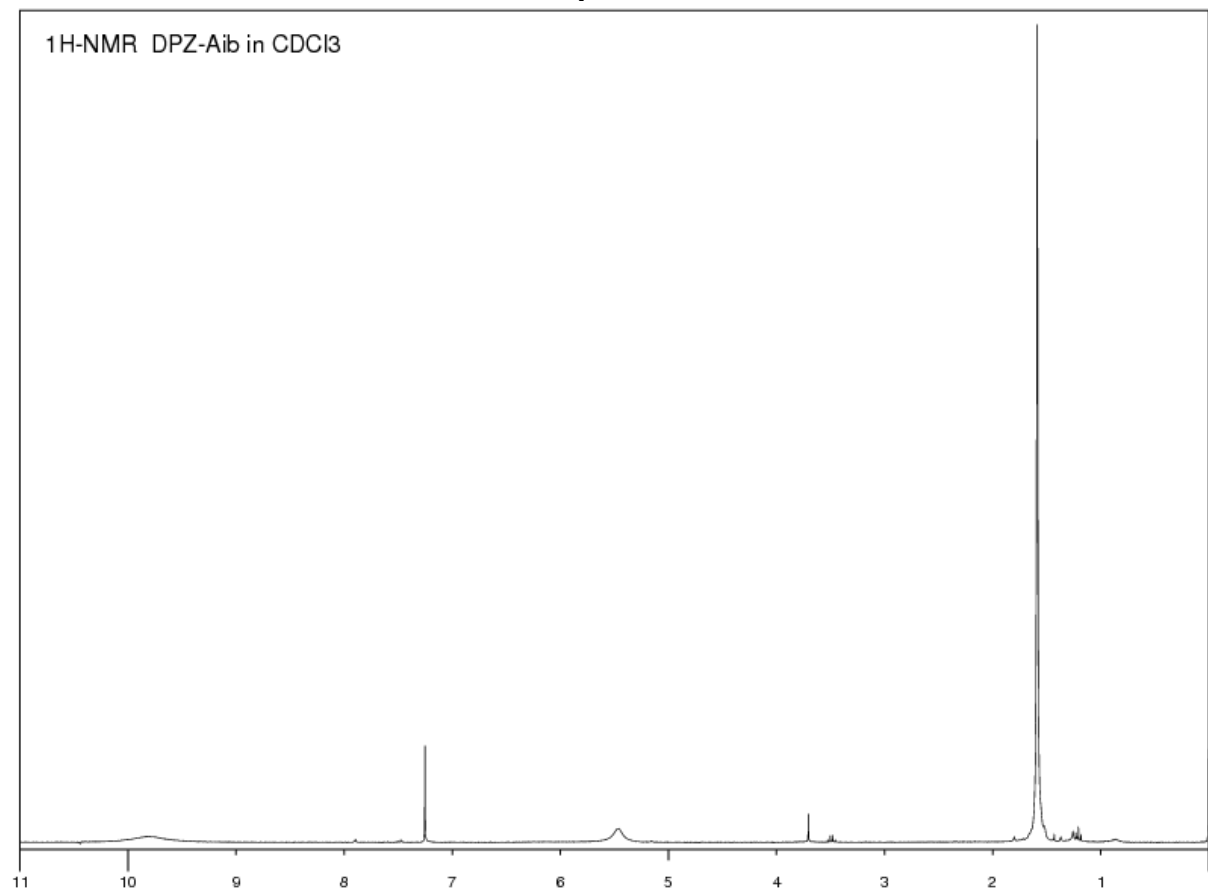
Compound 2



Compound 3

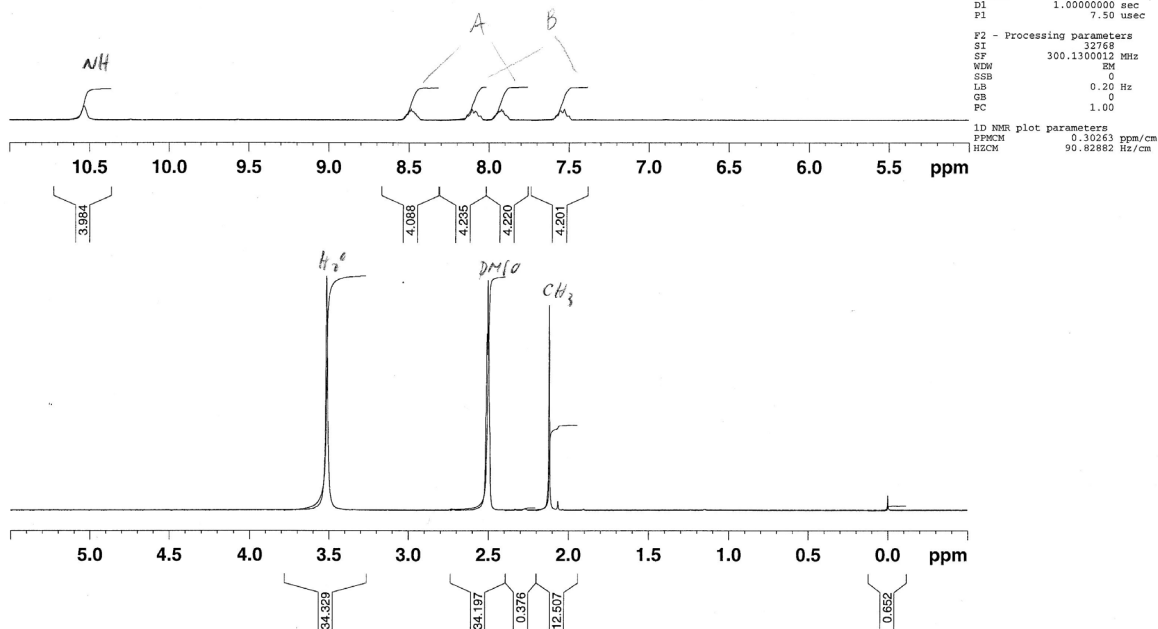
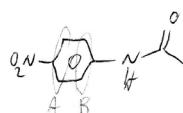


Compound 3a

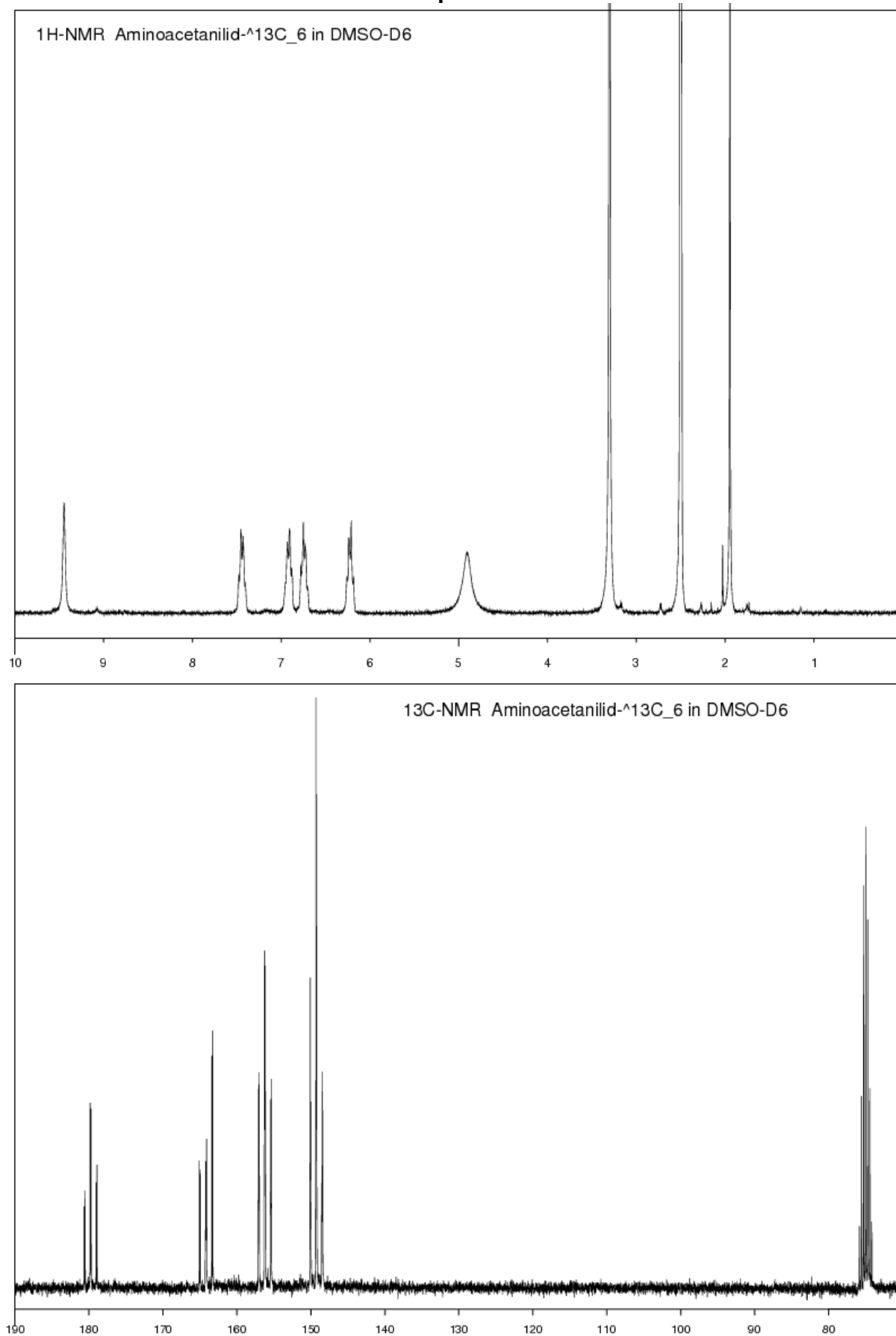


Compound 5

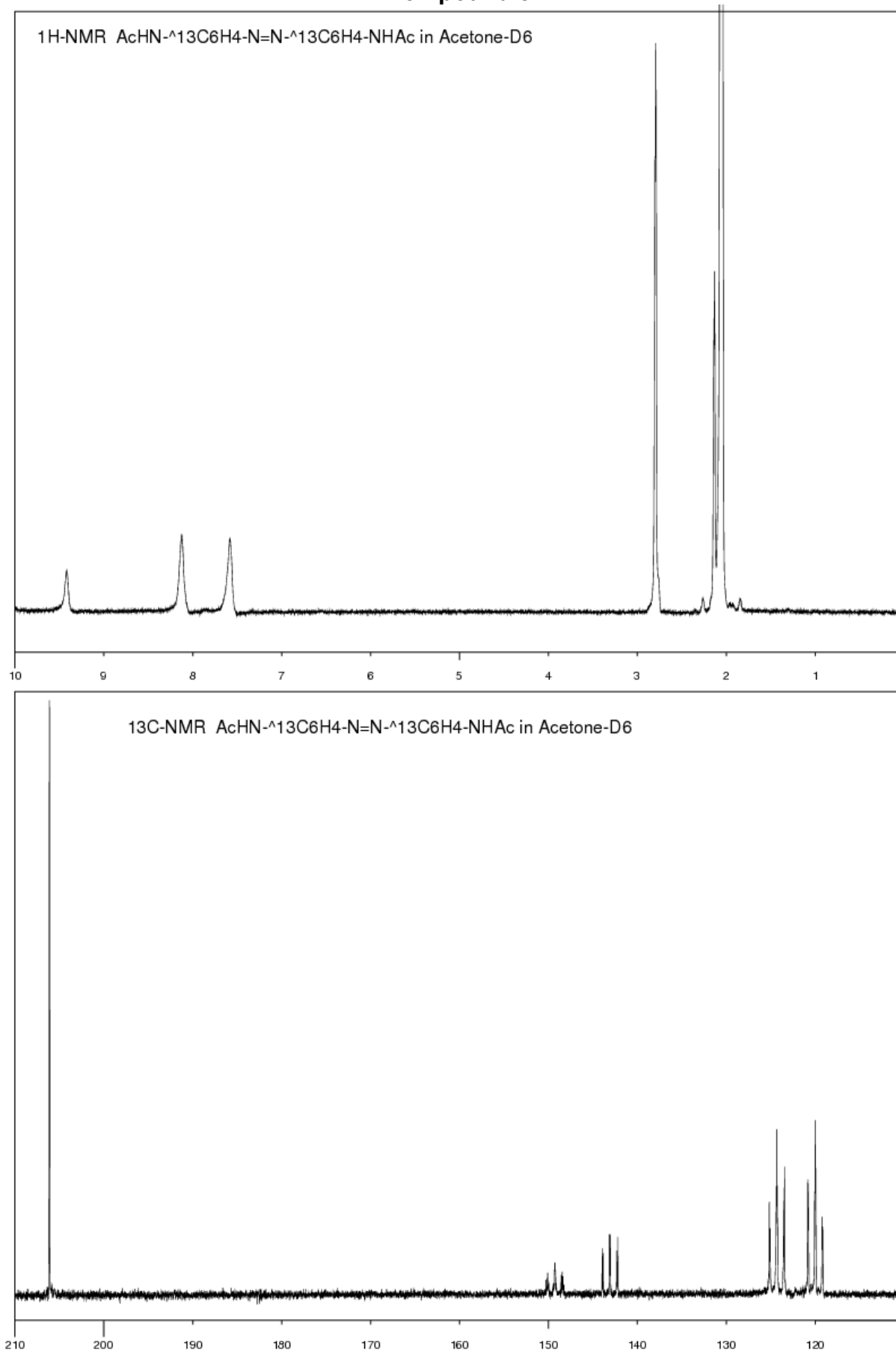
DUAL_1H_no_peak DMSO v pcinmr 30



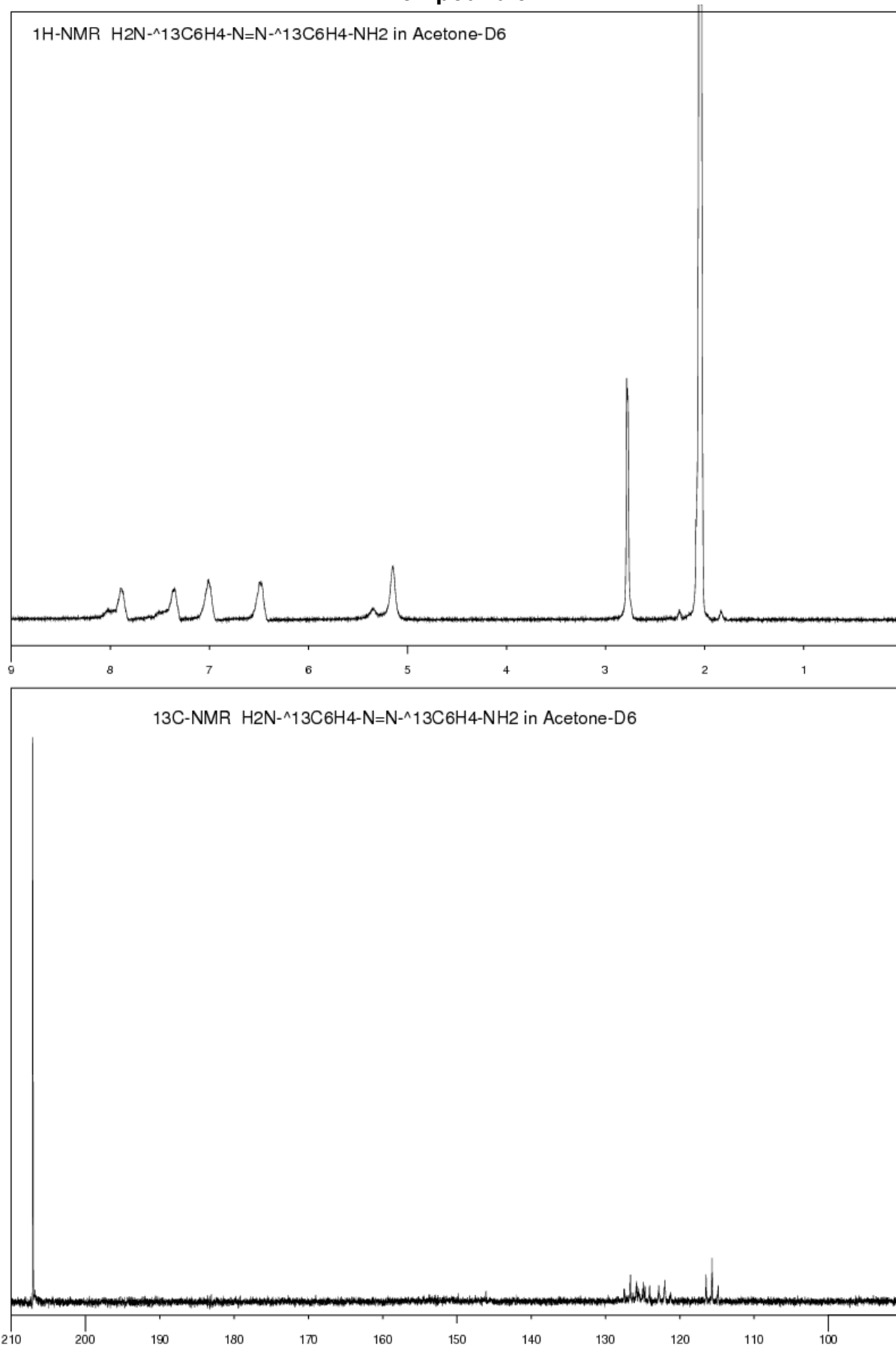
Compound 6



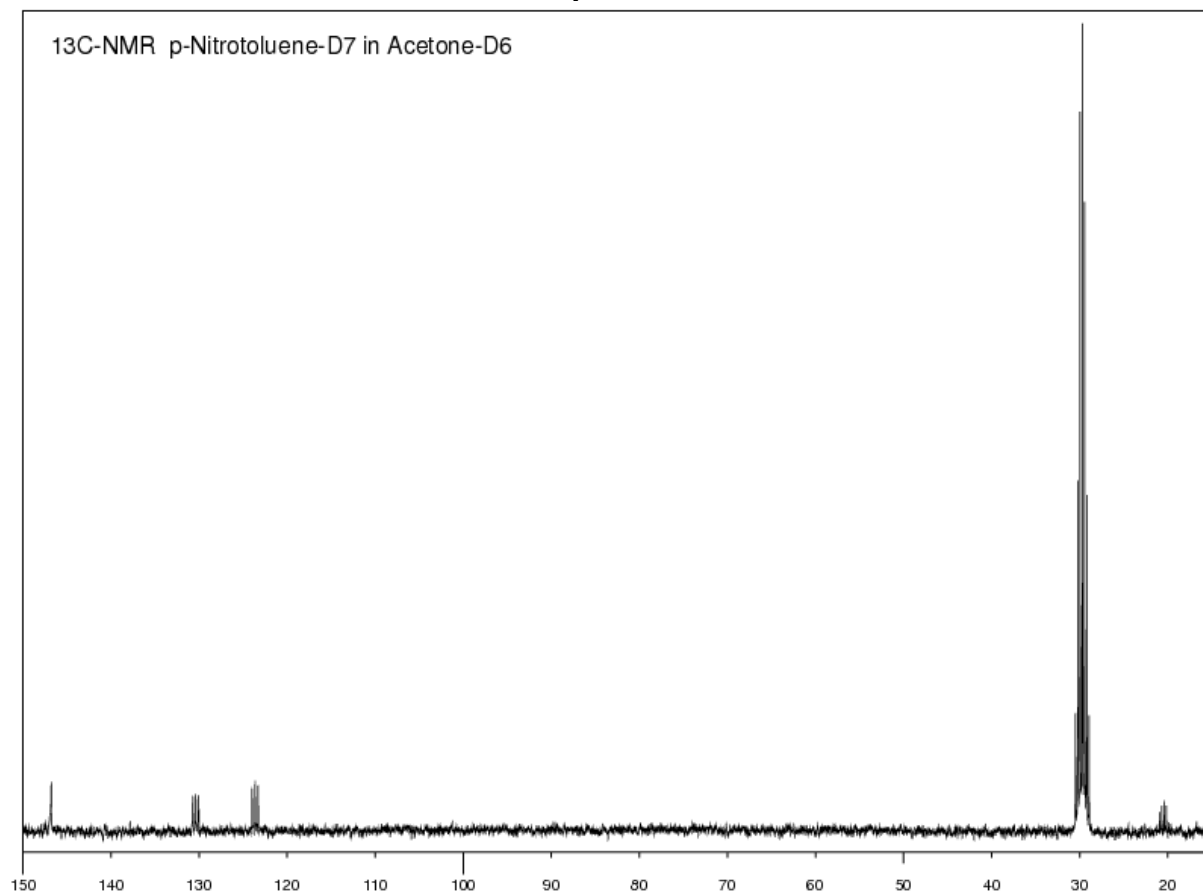
Compound 8



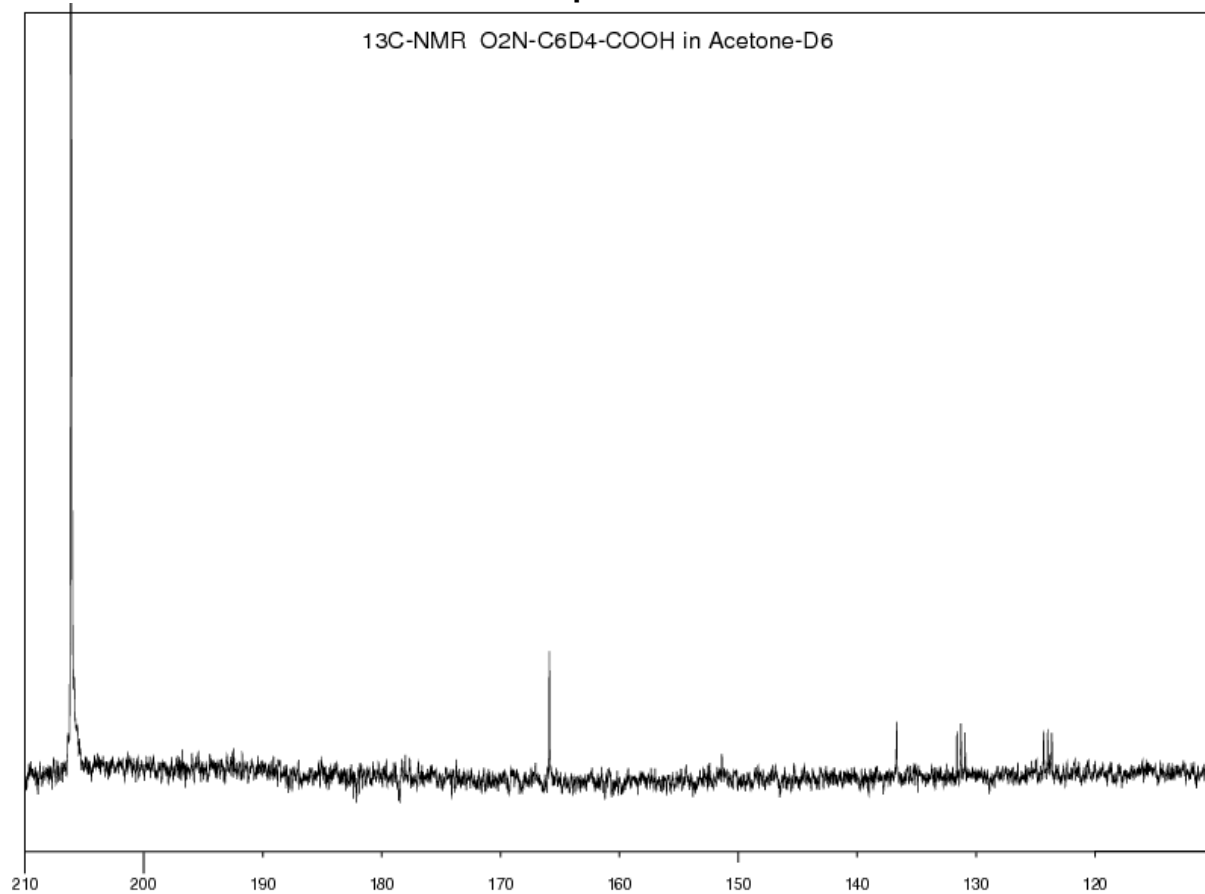
Compound 9



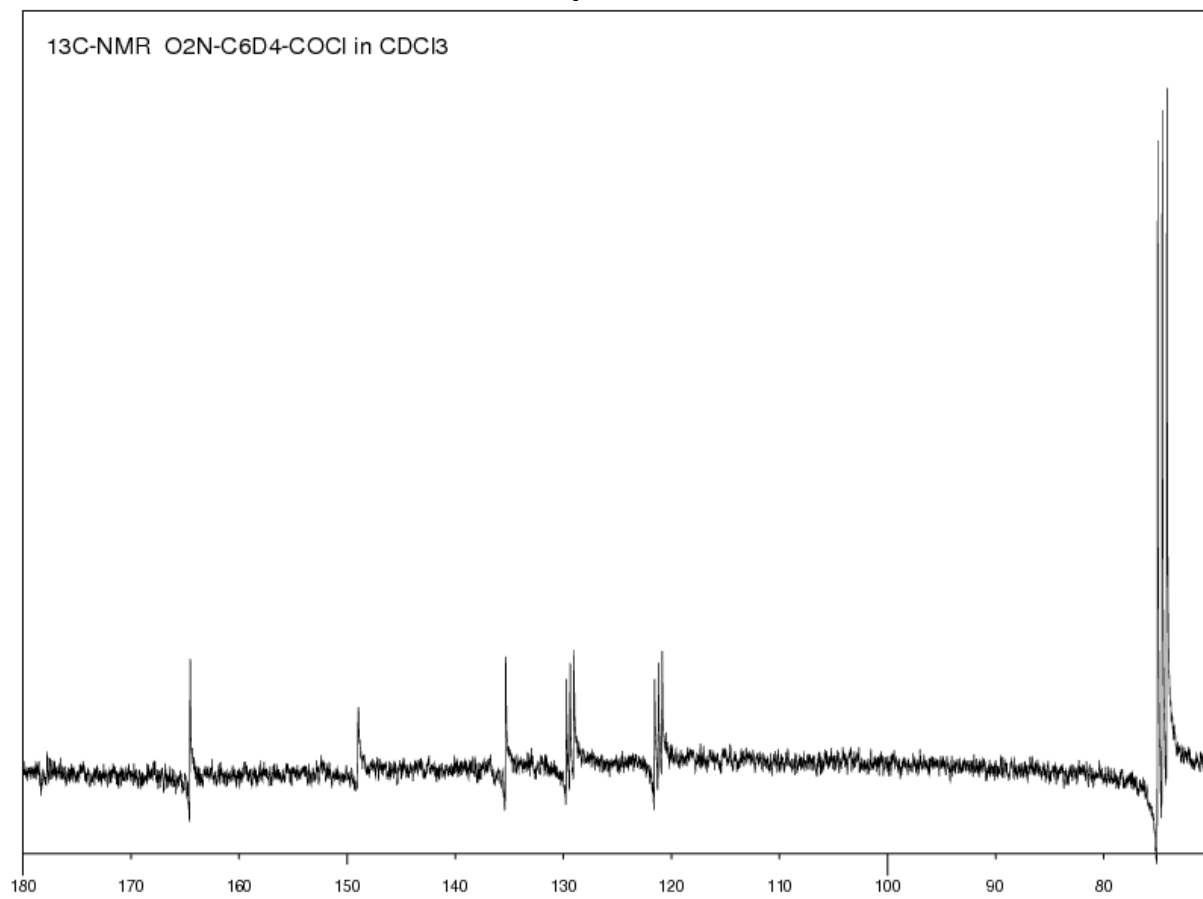
Compound 12a



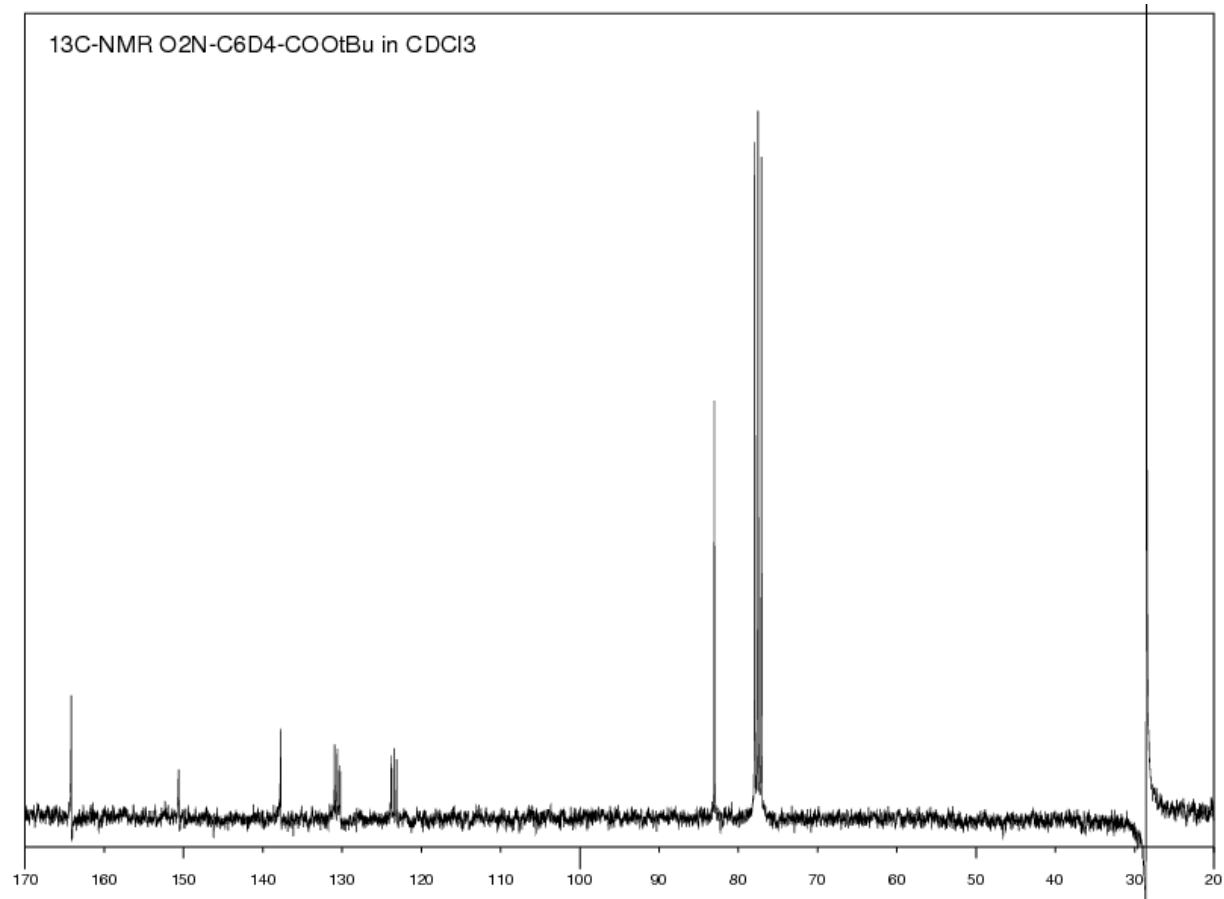
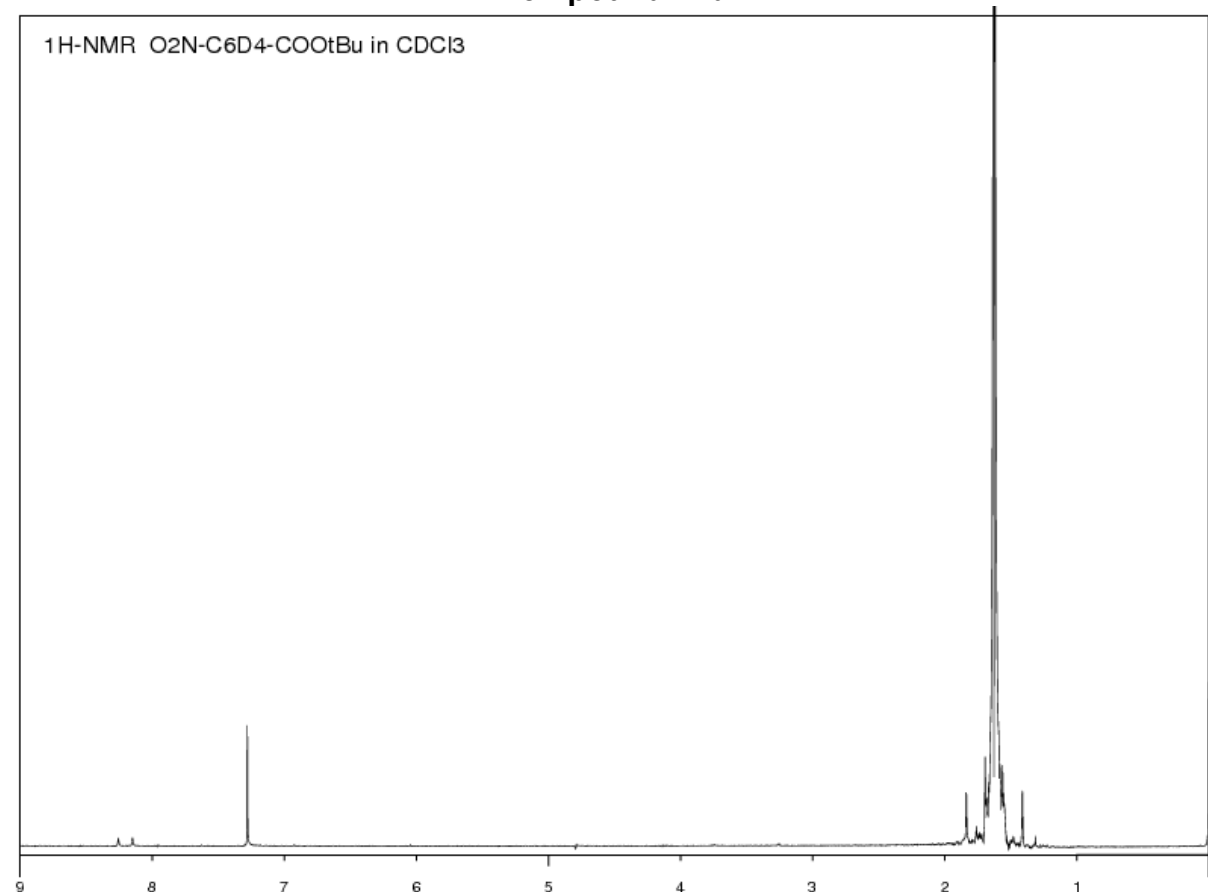
Compound 12b



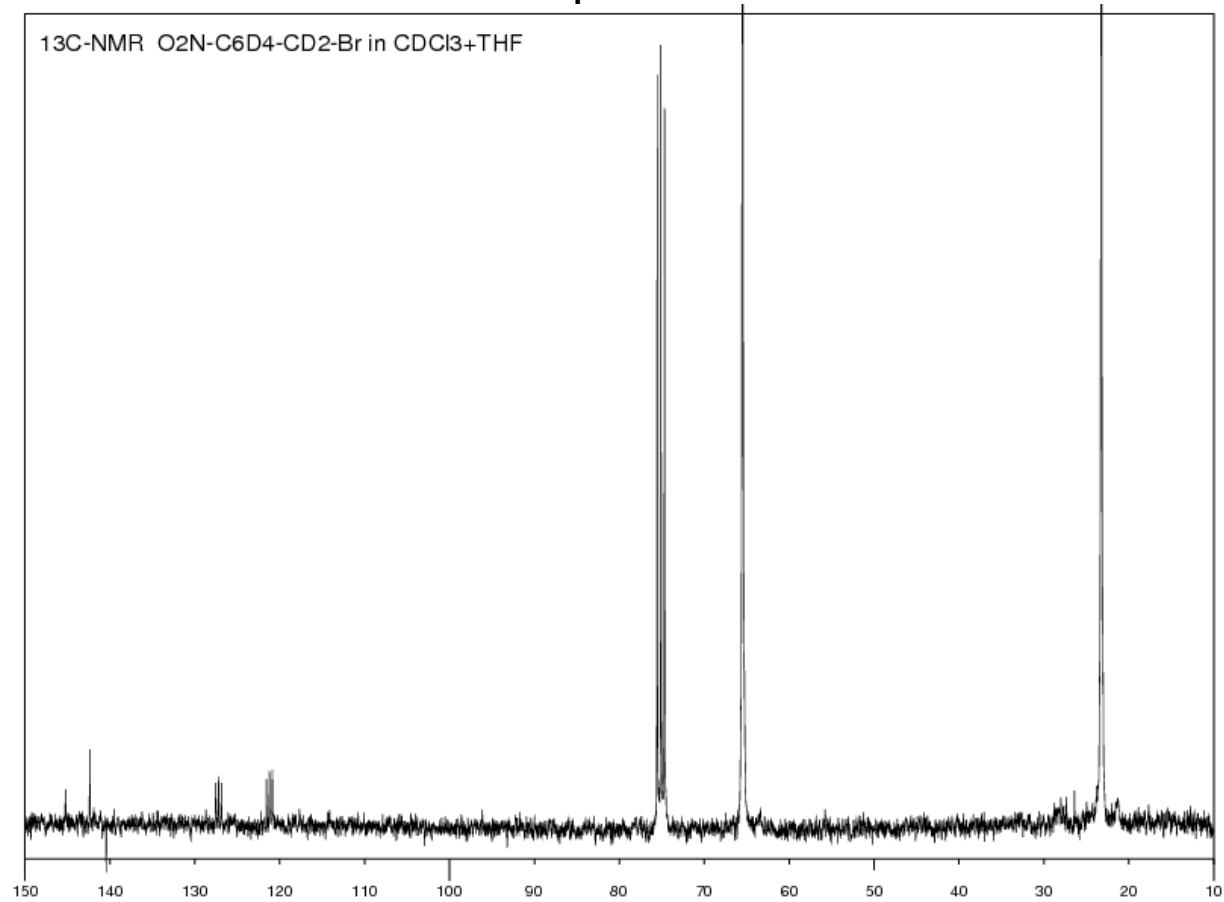
Compound 12c



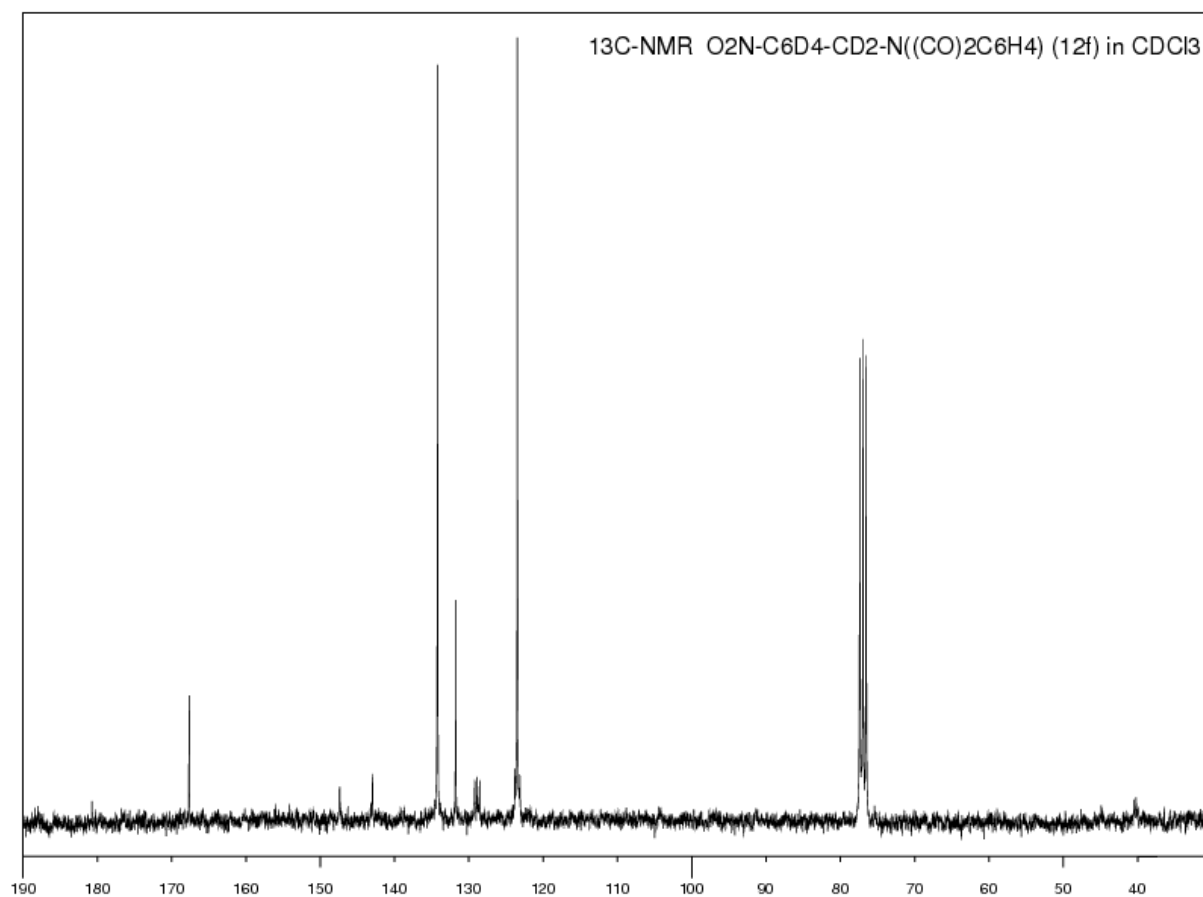
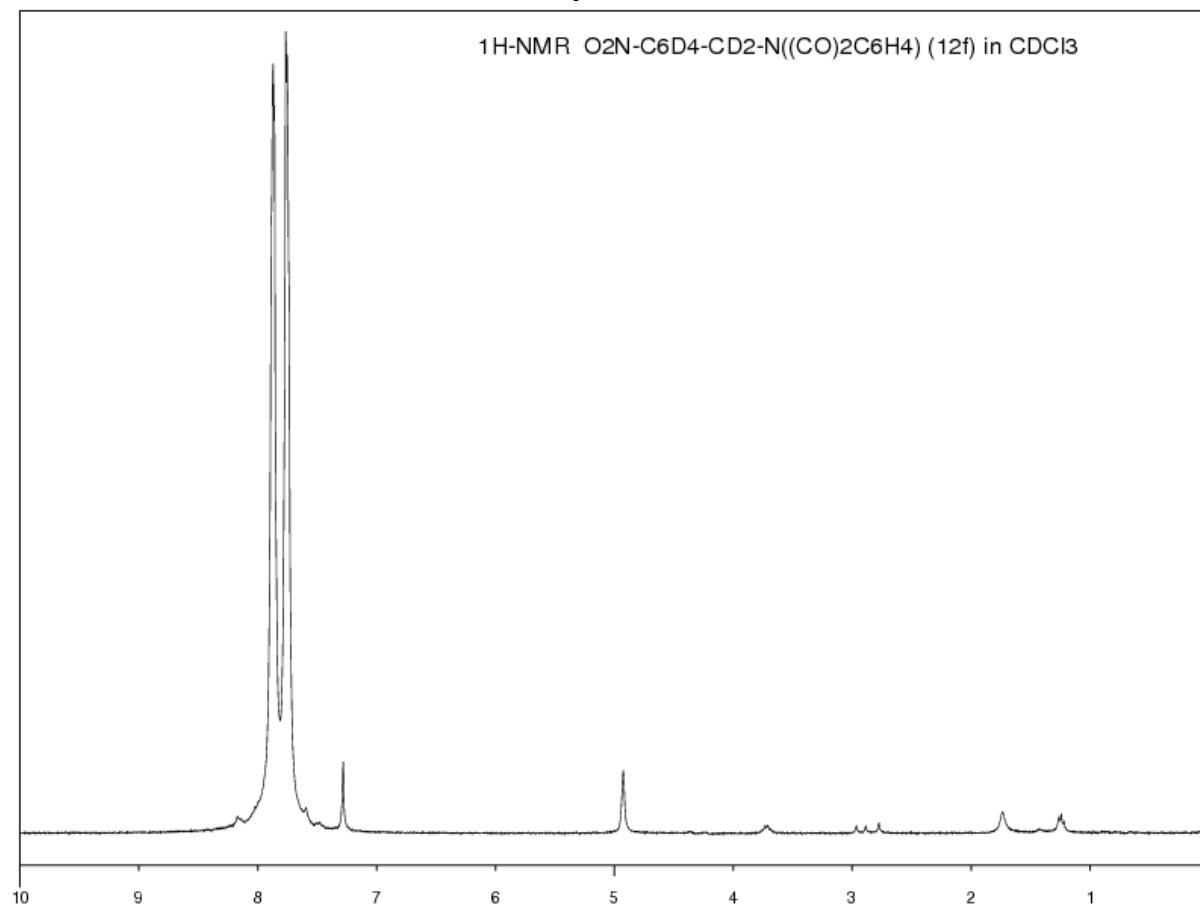
Compound 12d



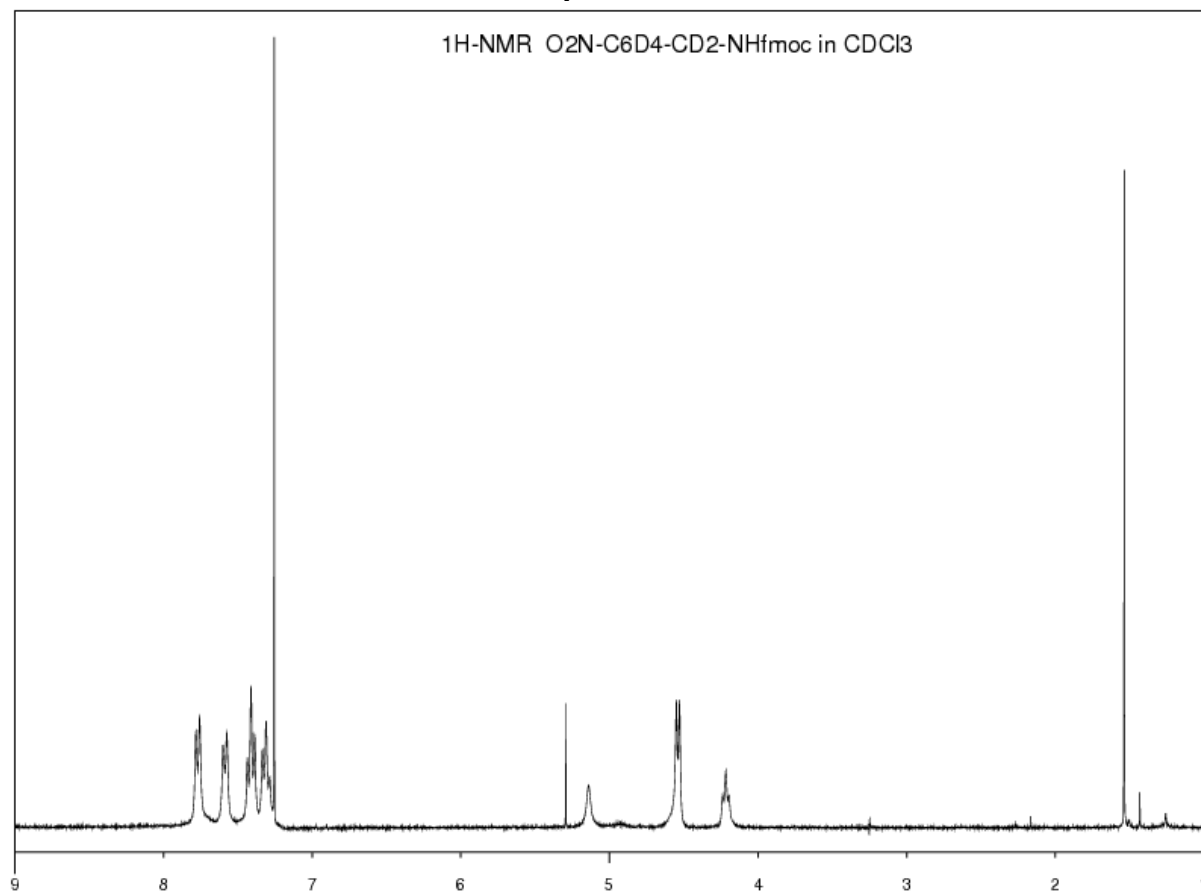
Compound 12e



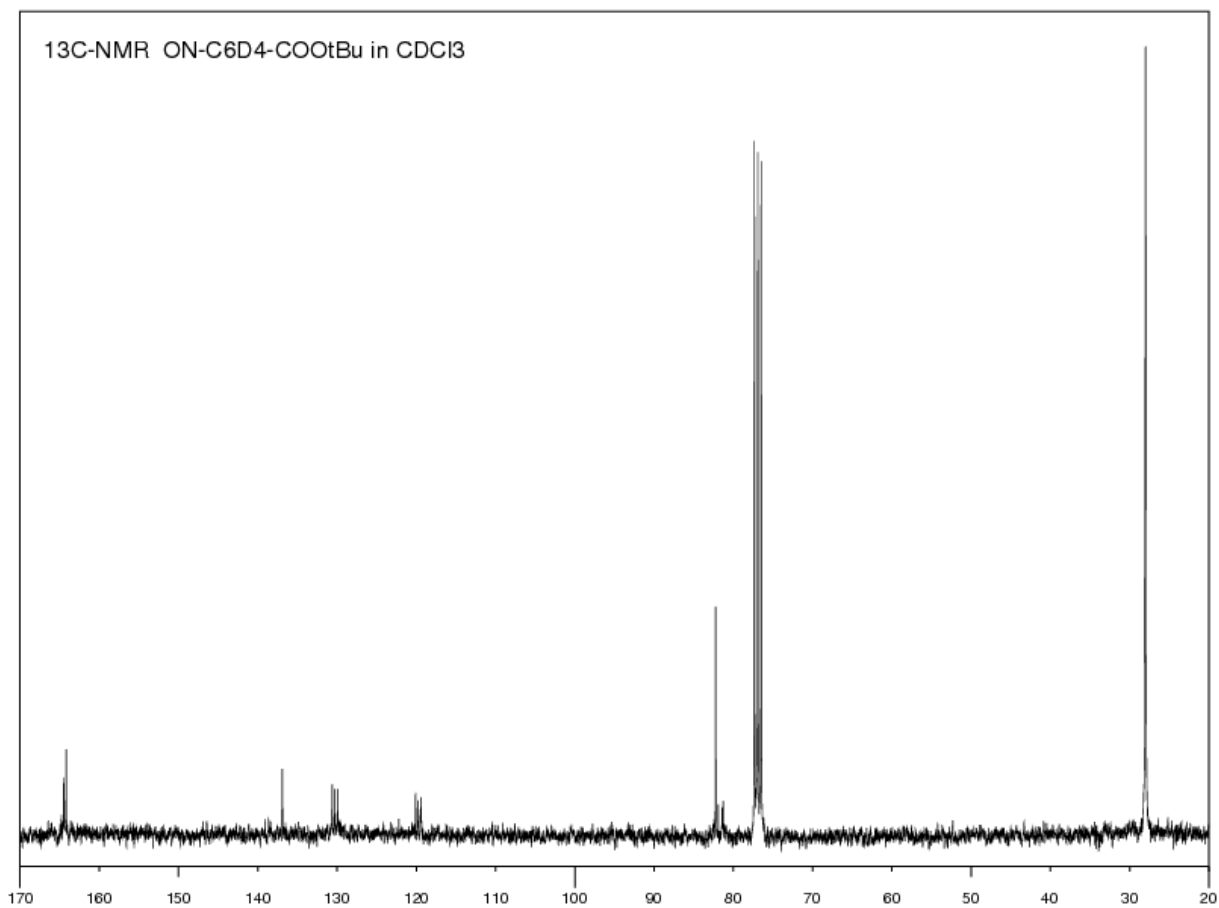
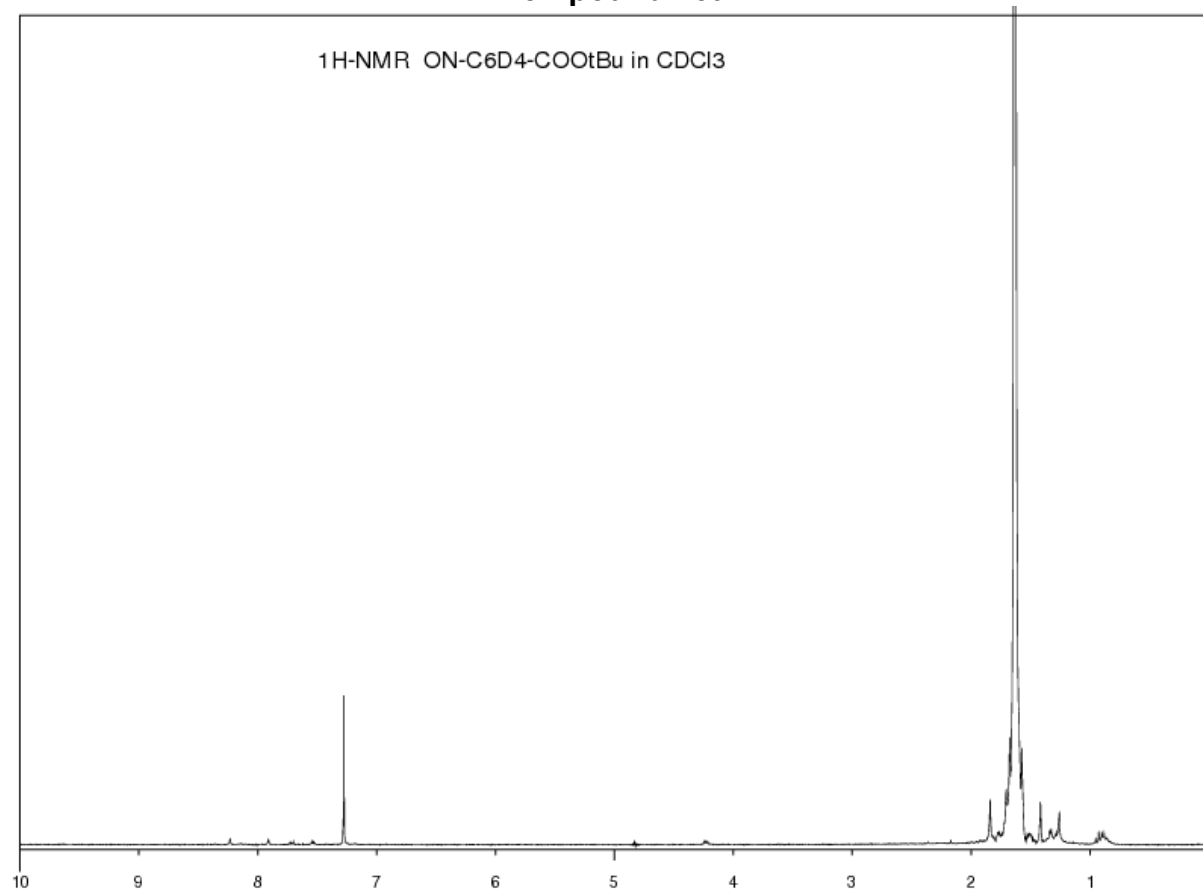
Compound 12f



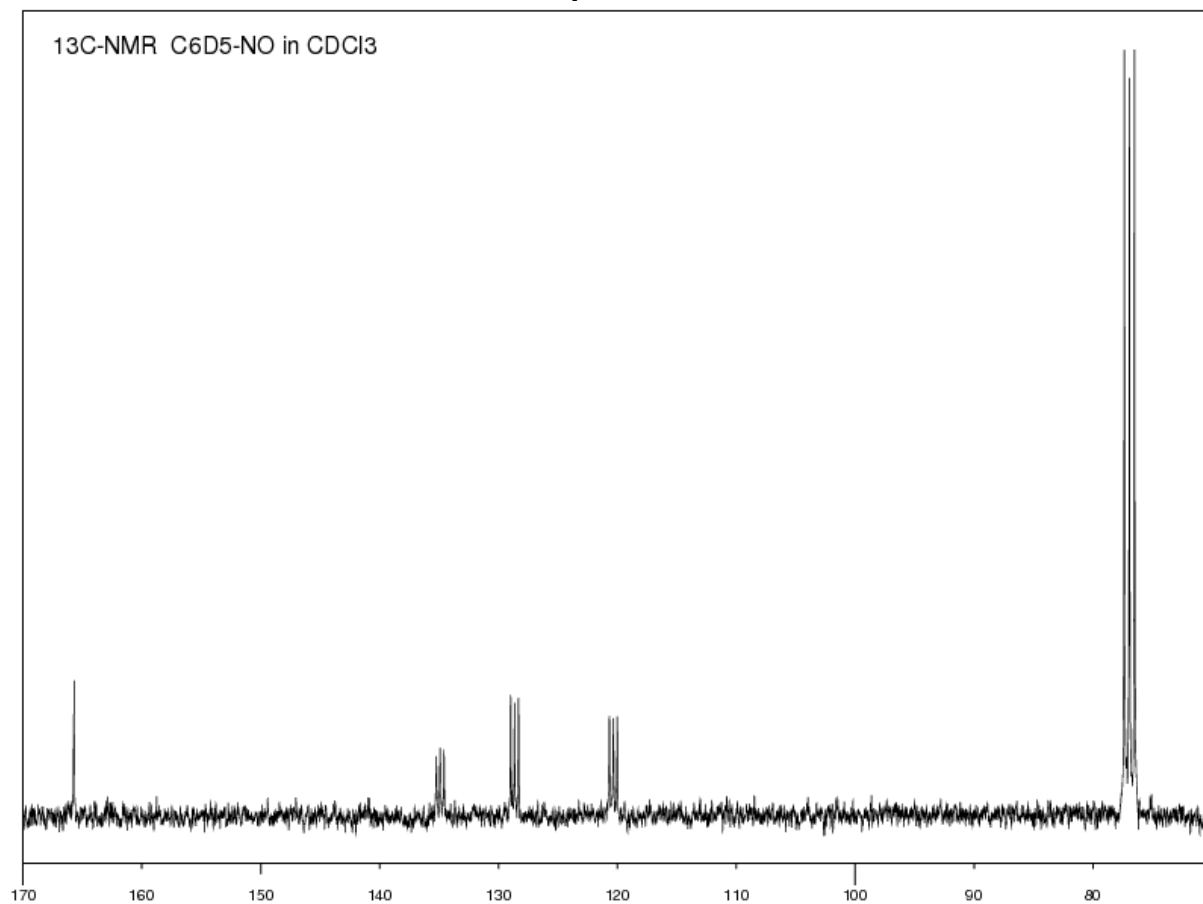
Compound 12h



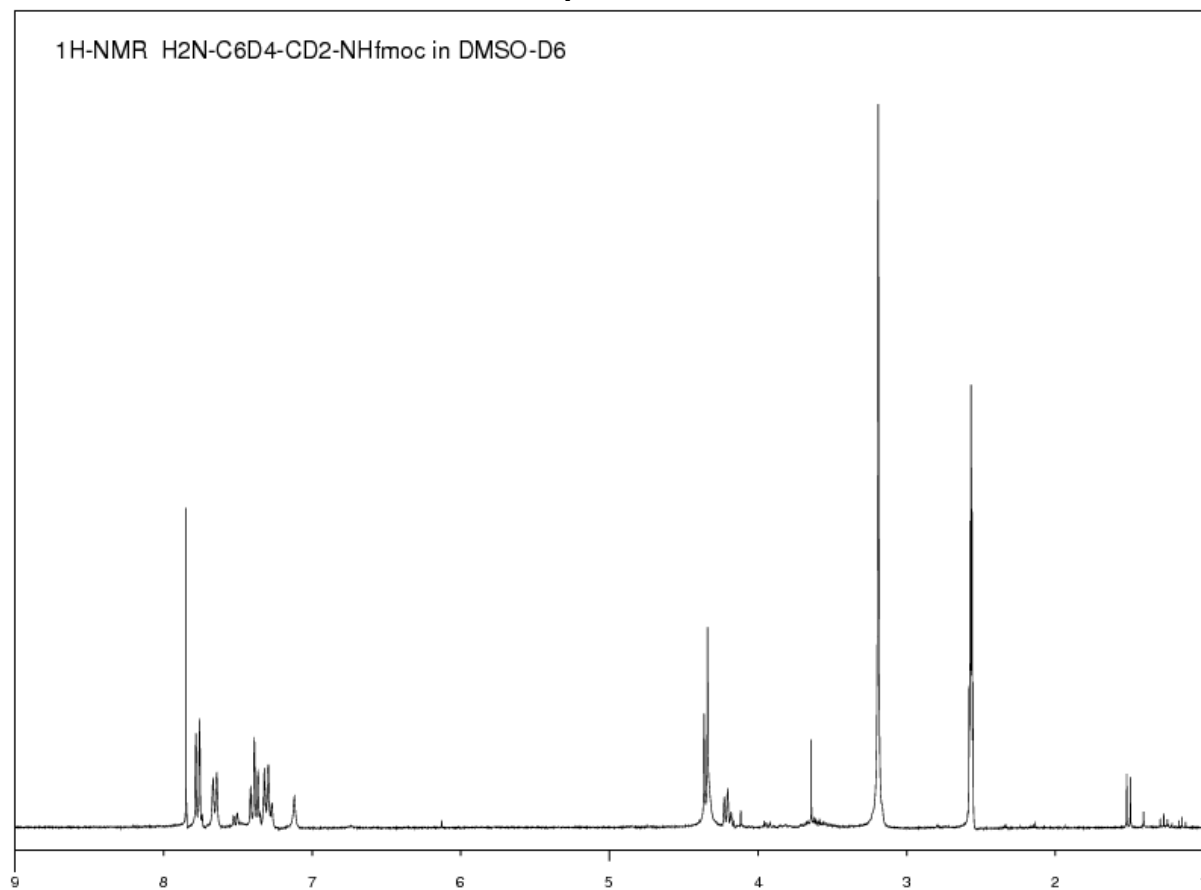
Compound 13a



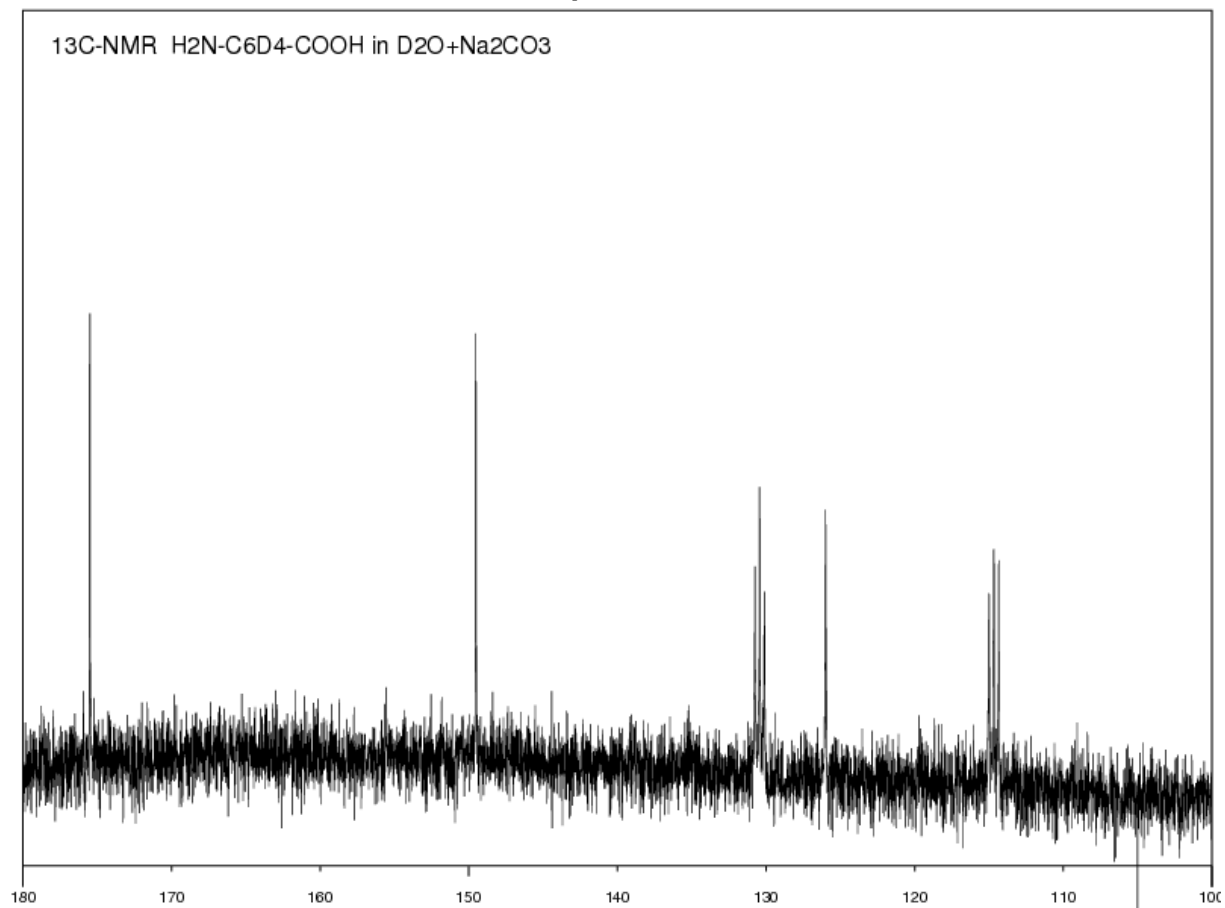
Compound 13b



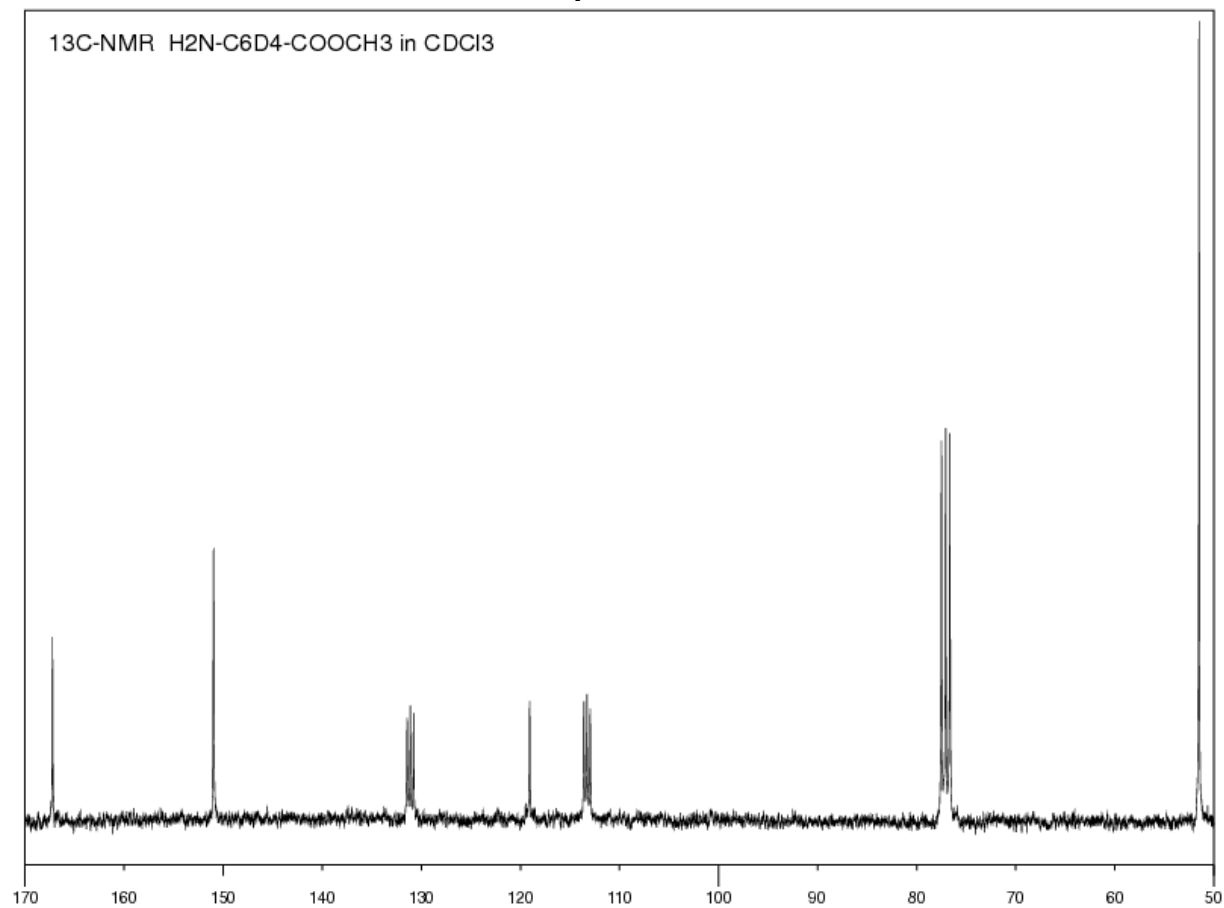
Compound 14a



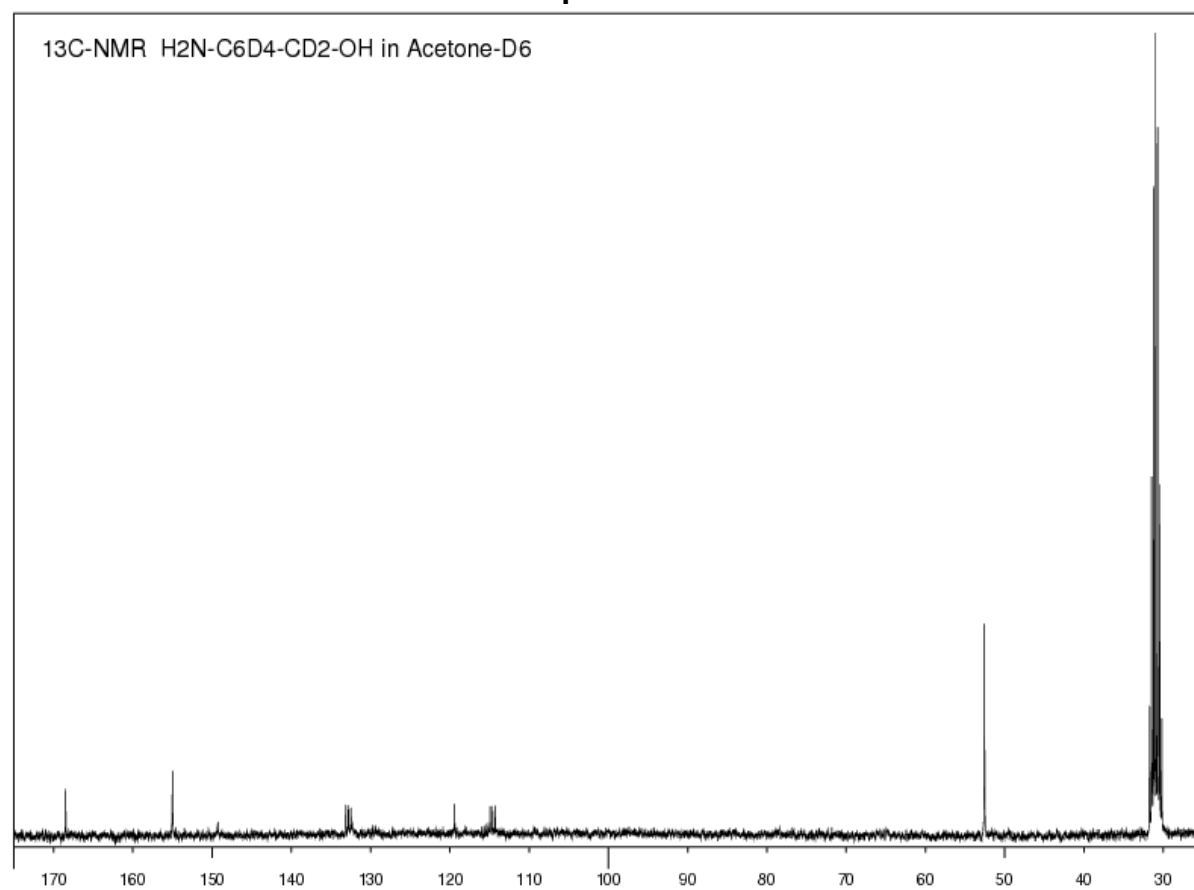
Compound 14b



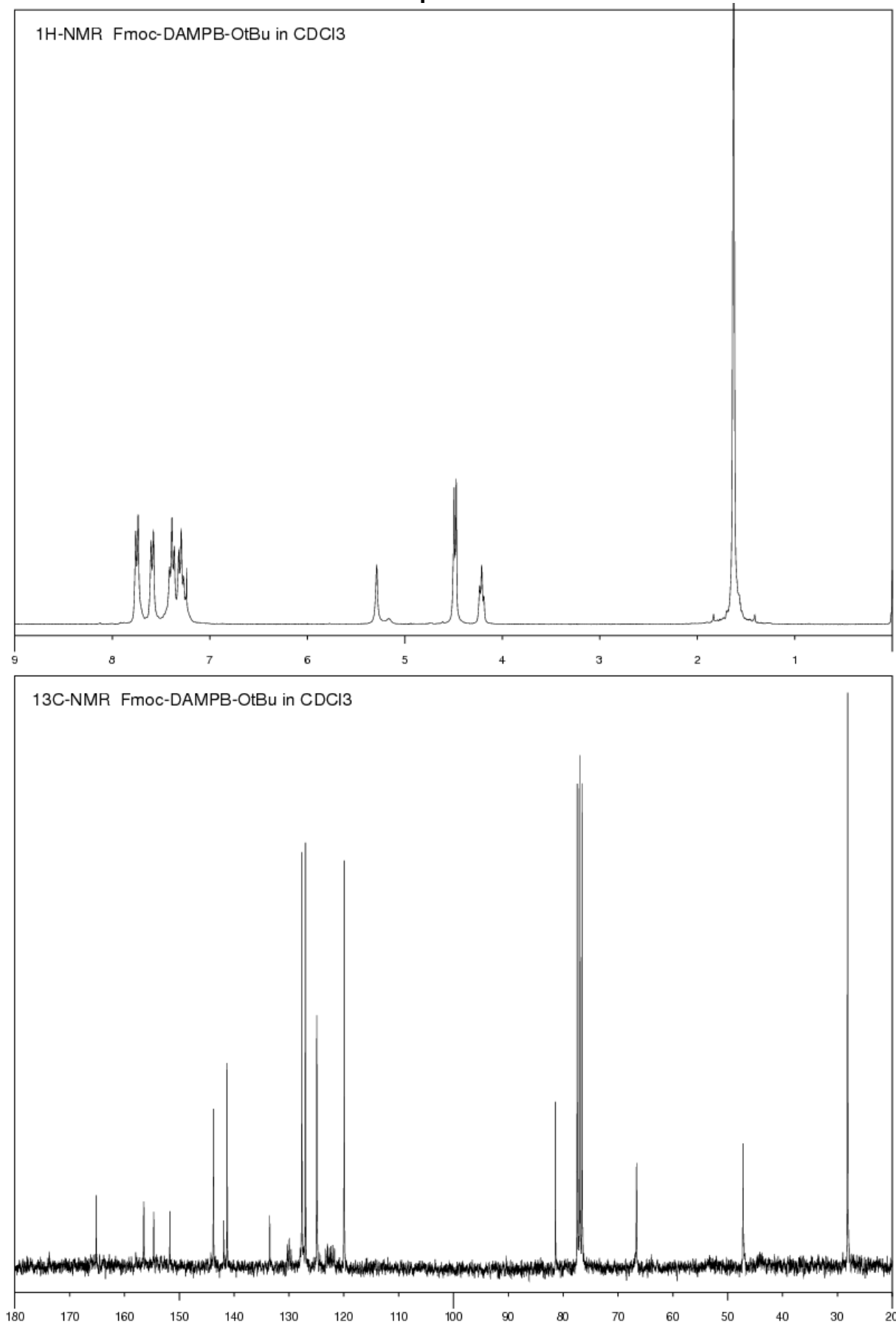
Compound 14c



Compound 14d



Compound 15a



Compound 15b

