

Supporting Online Material for

**One-pot three-component synthesis of 1,4,5-trisubstituted
5-iodo-1,2,3-triazoles from 1-copper(I) alkyne, azide
and molecular iodine**

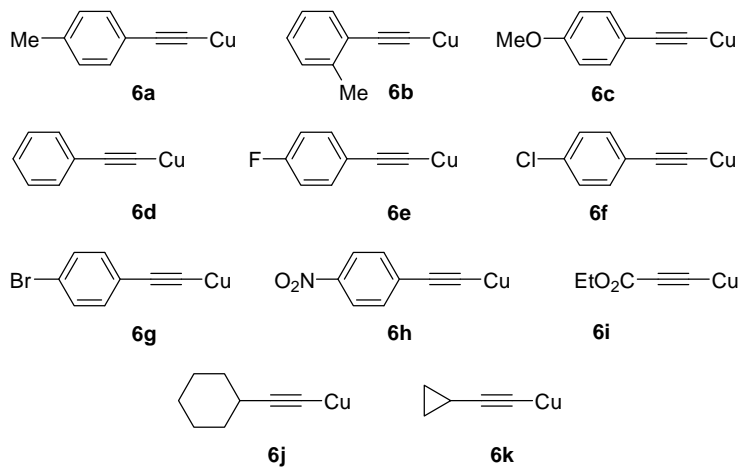
Jianlan Zhang, Wenwen Chen, Bo Wang, Zhouxing Zhao, Xinyan Wang*, Yuefei Hu*

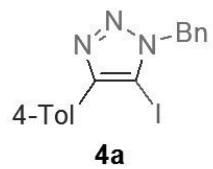
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wangxinyan@mail.tsinghua.edu.cn and yfh@mail.tsinghua.edu.cn

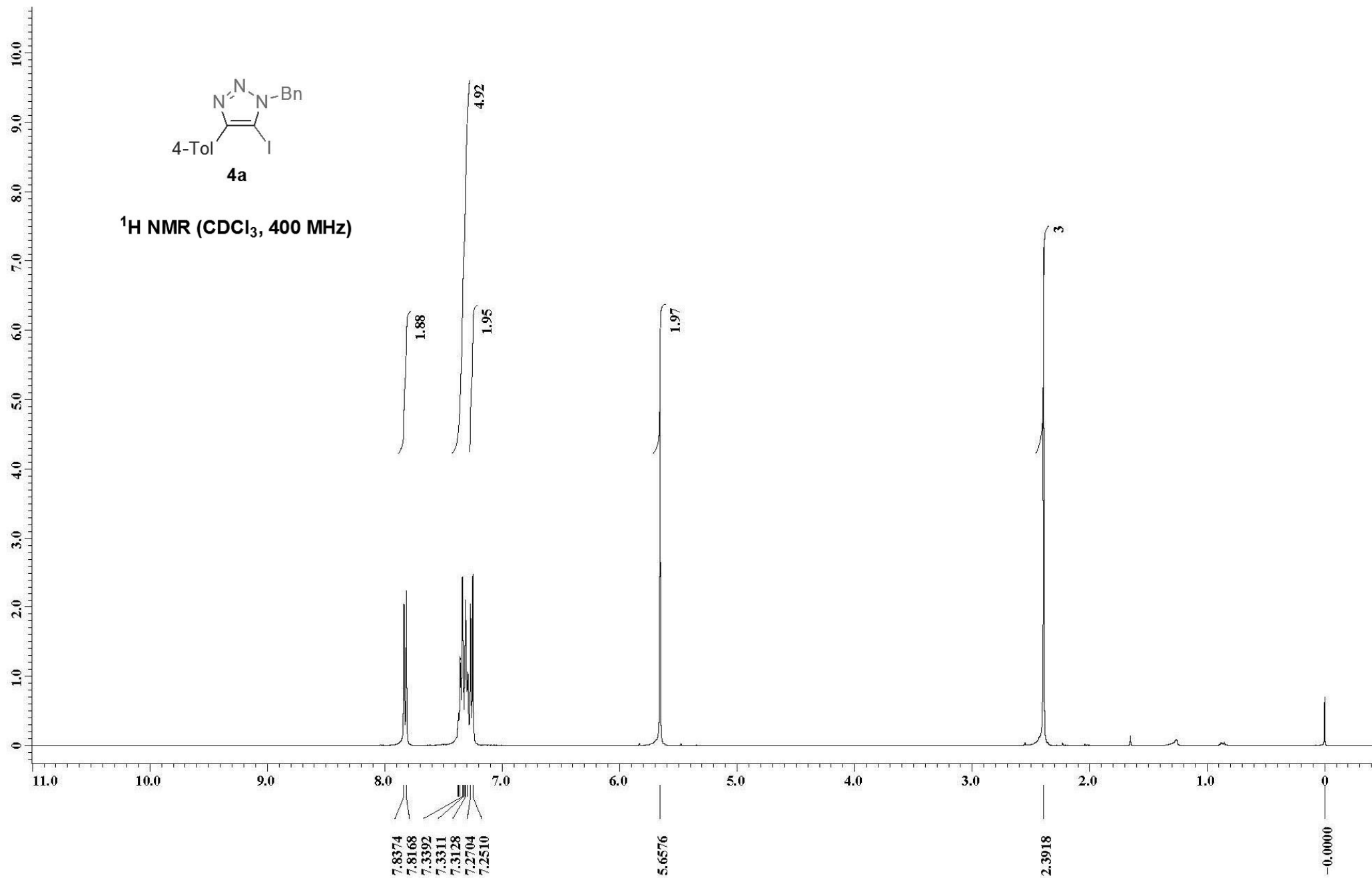
Copper(I) alkynes **6a-6k** were prepared by reported procedure in literature.^{15,16d,17a}

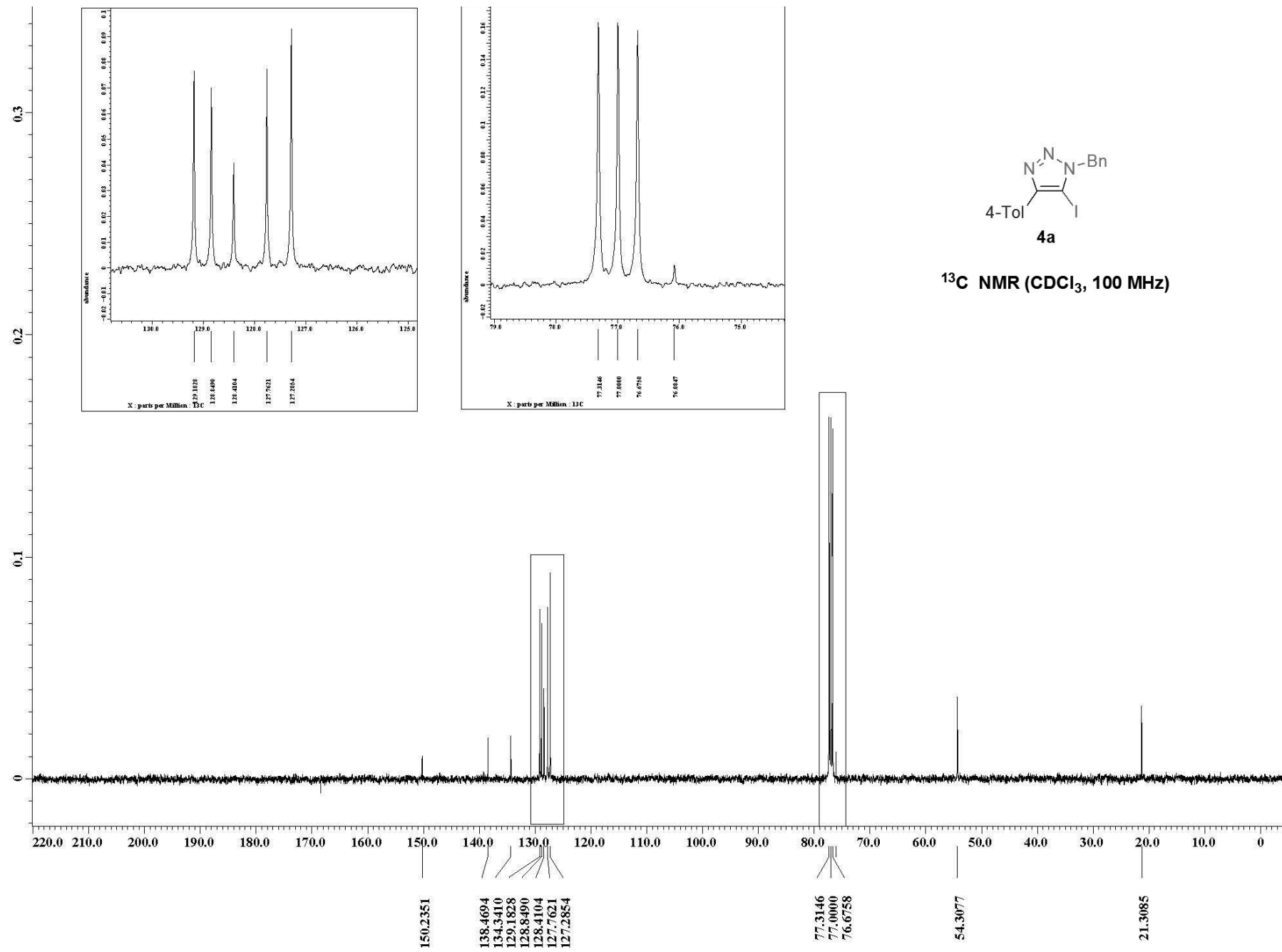
Prepared copper(I) alkynes 6a-6k:

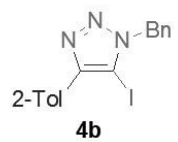




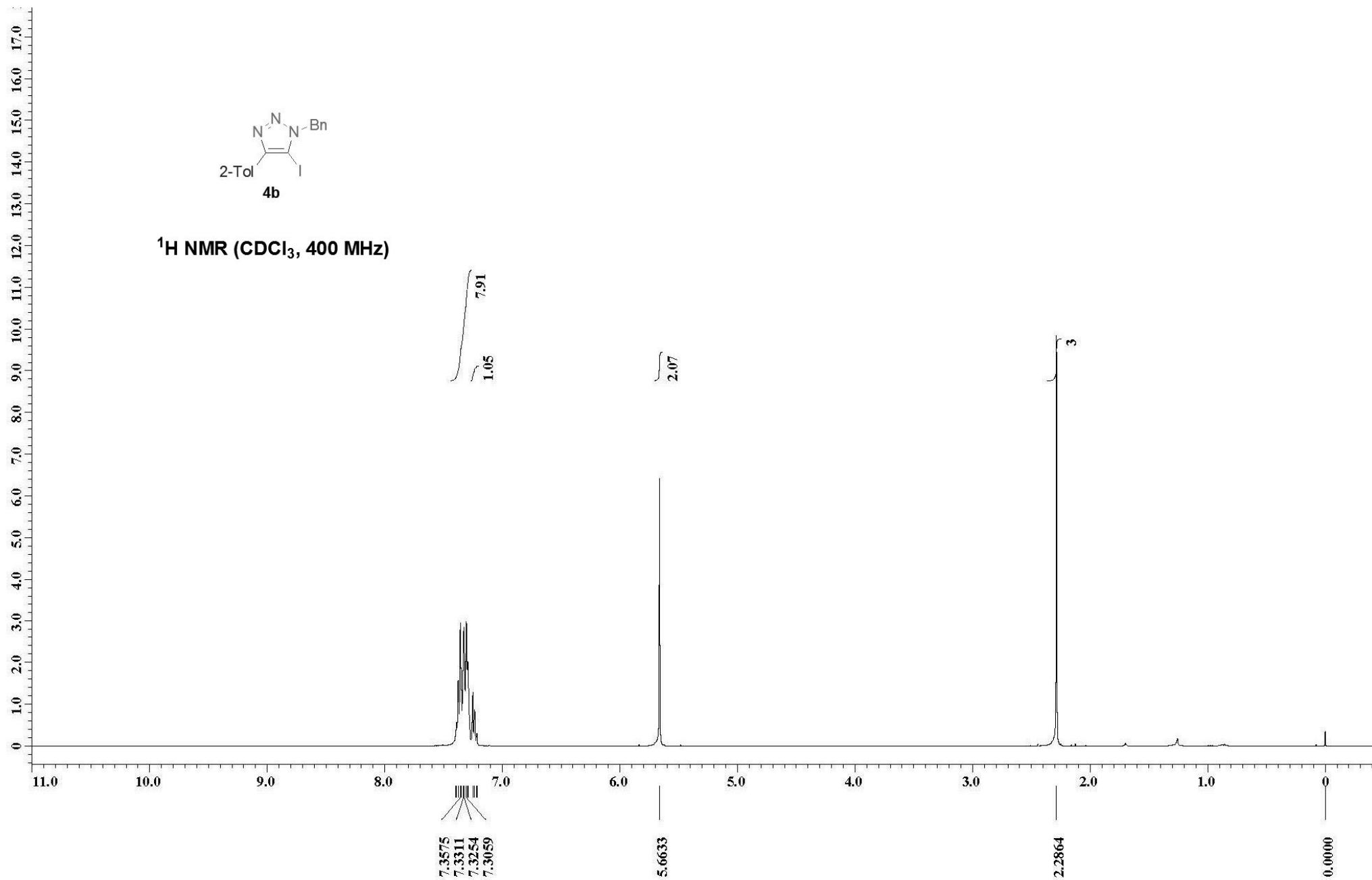
¹H NMR (CDCl₃, 400 MHz)

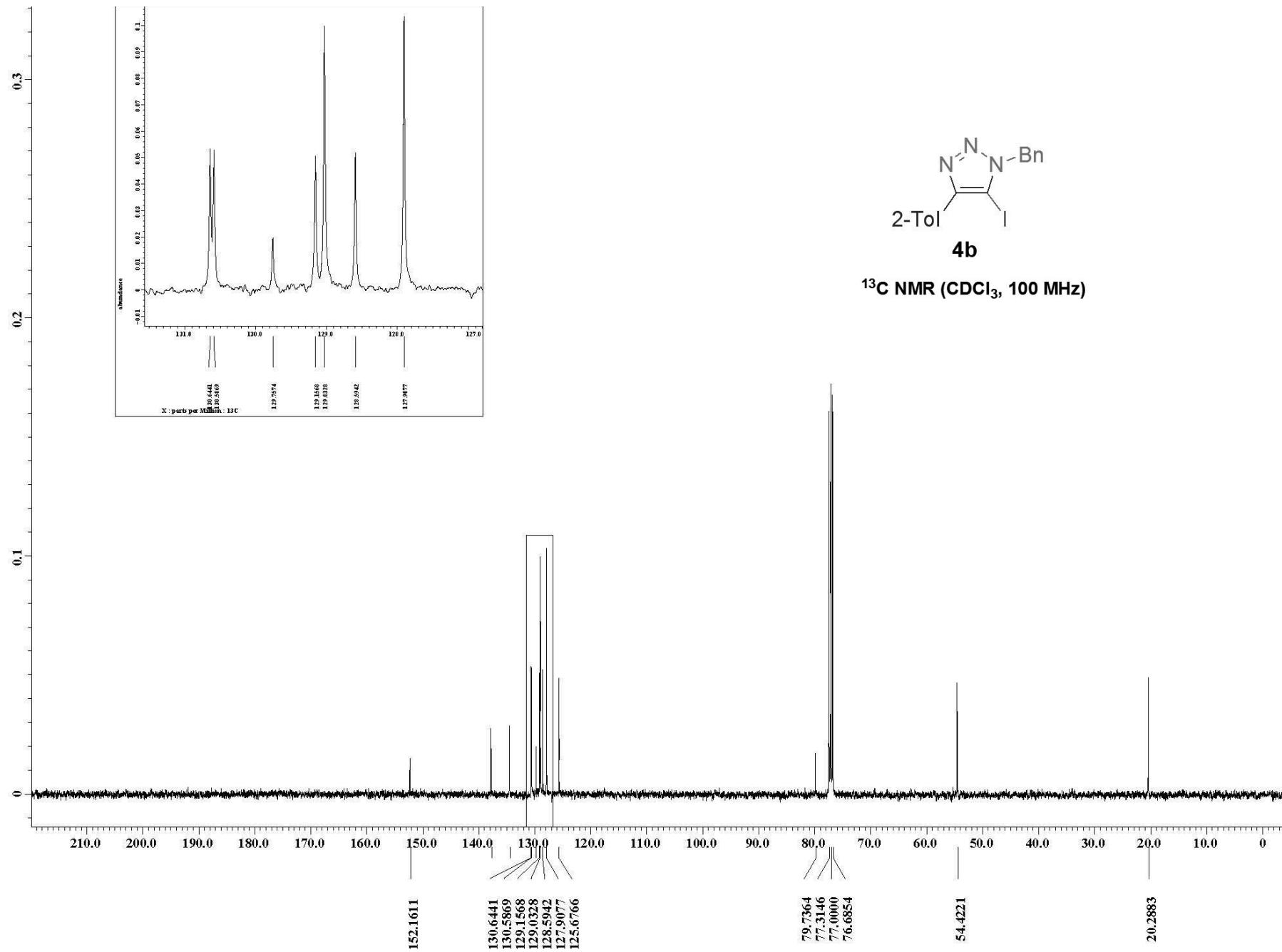


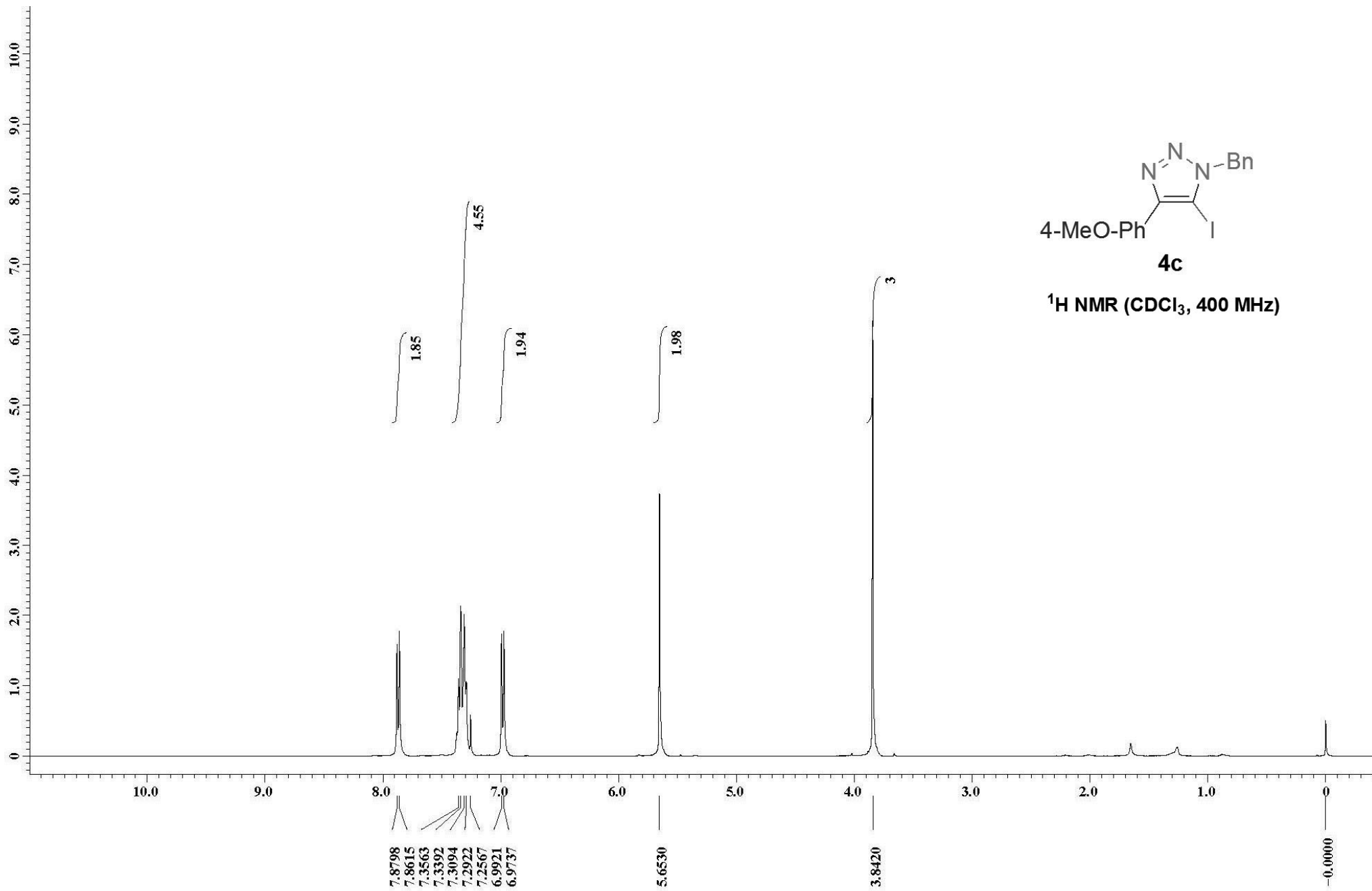


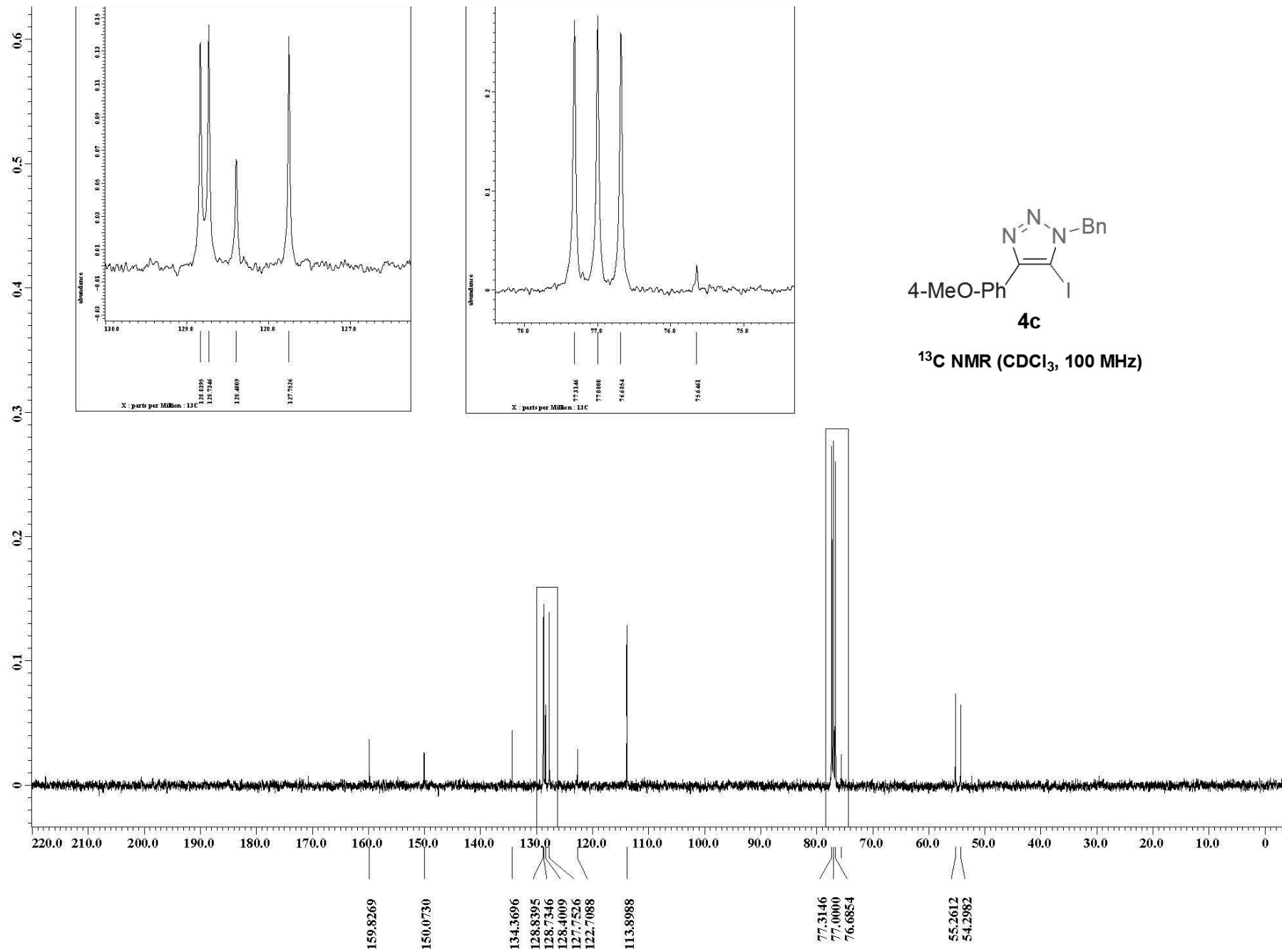


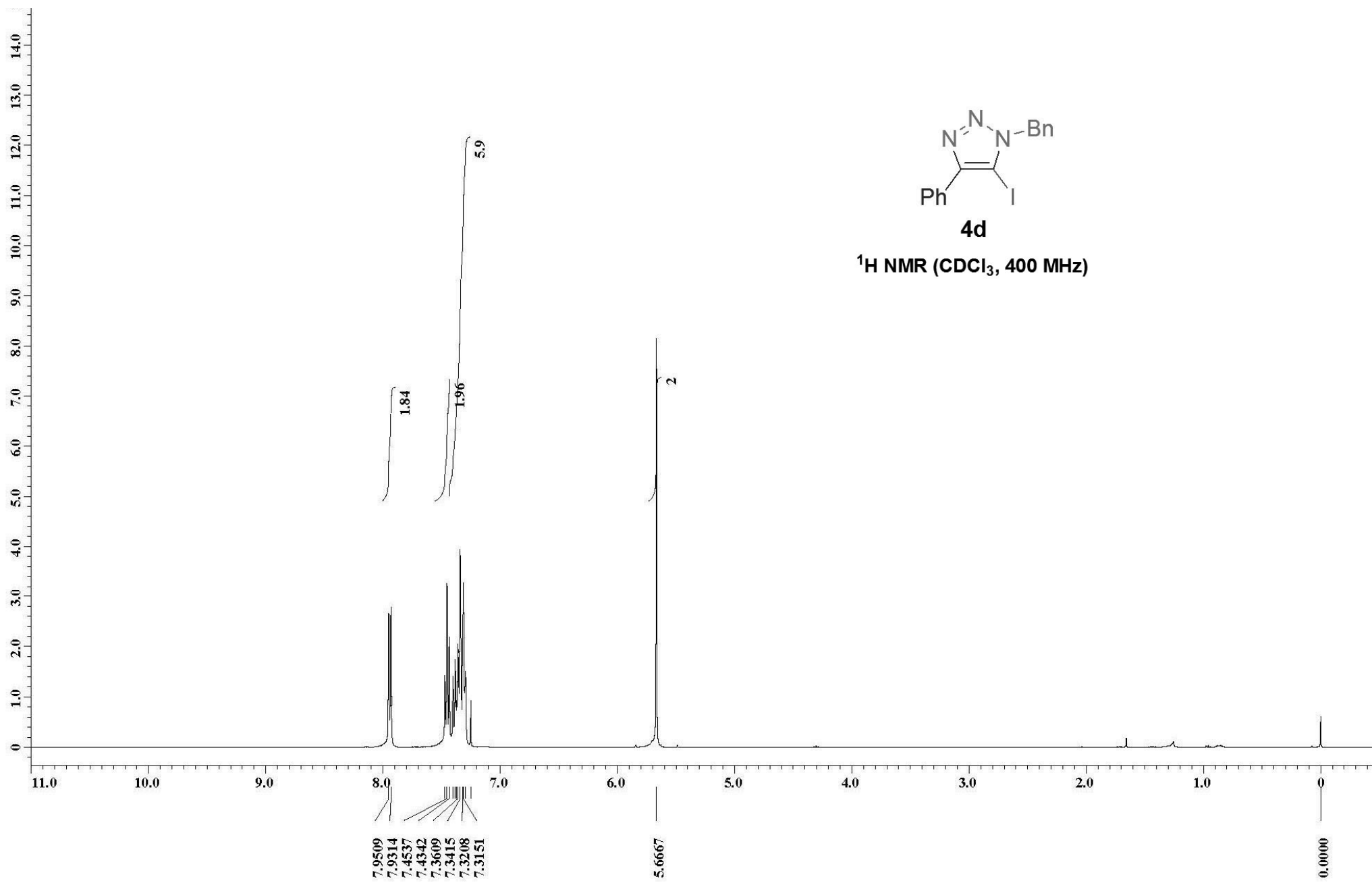
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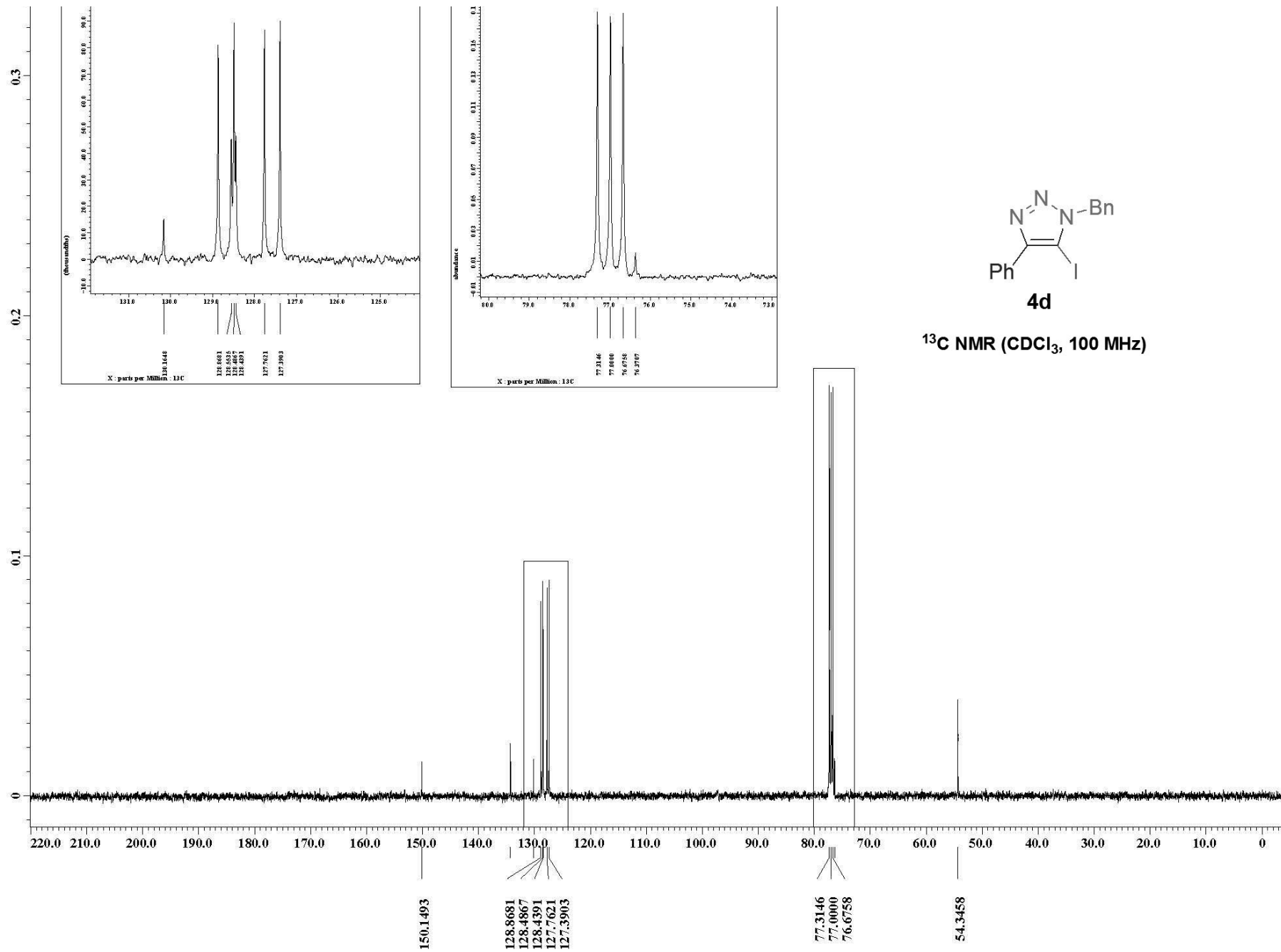


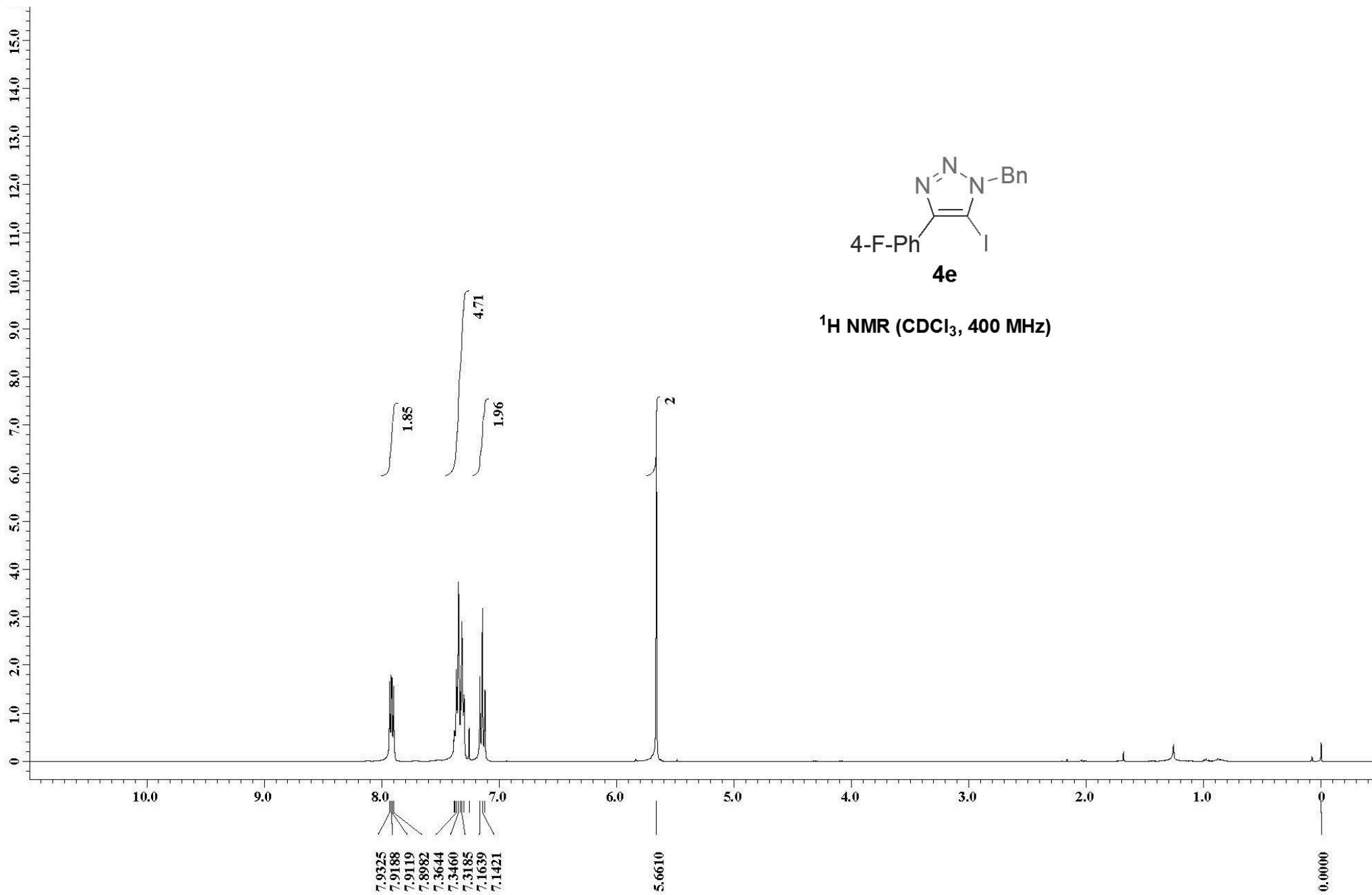


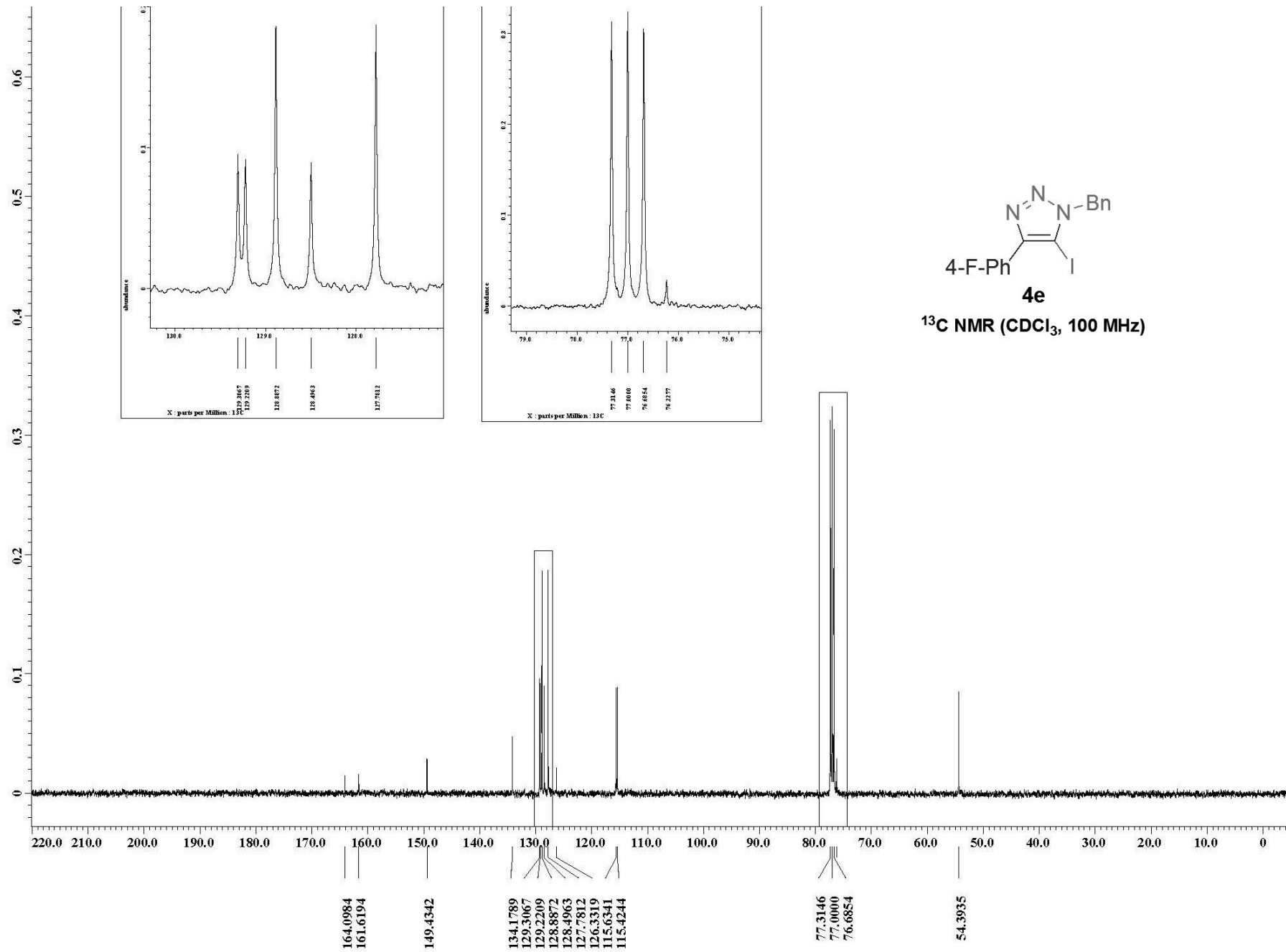


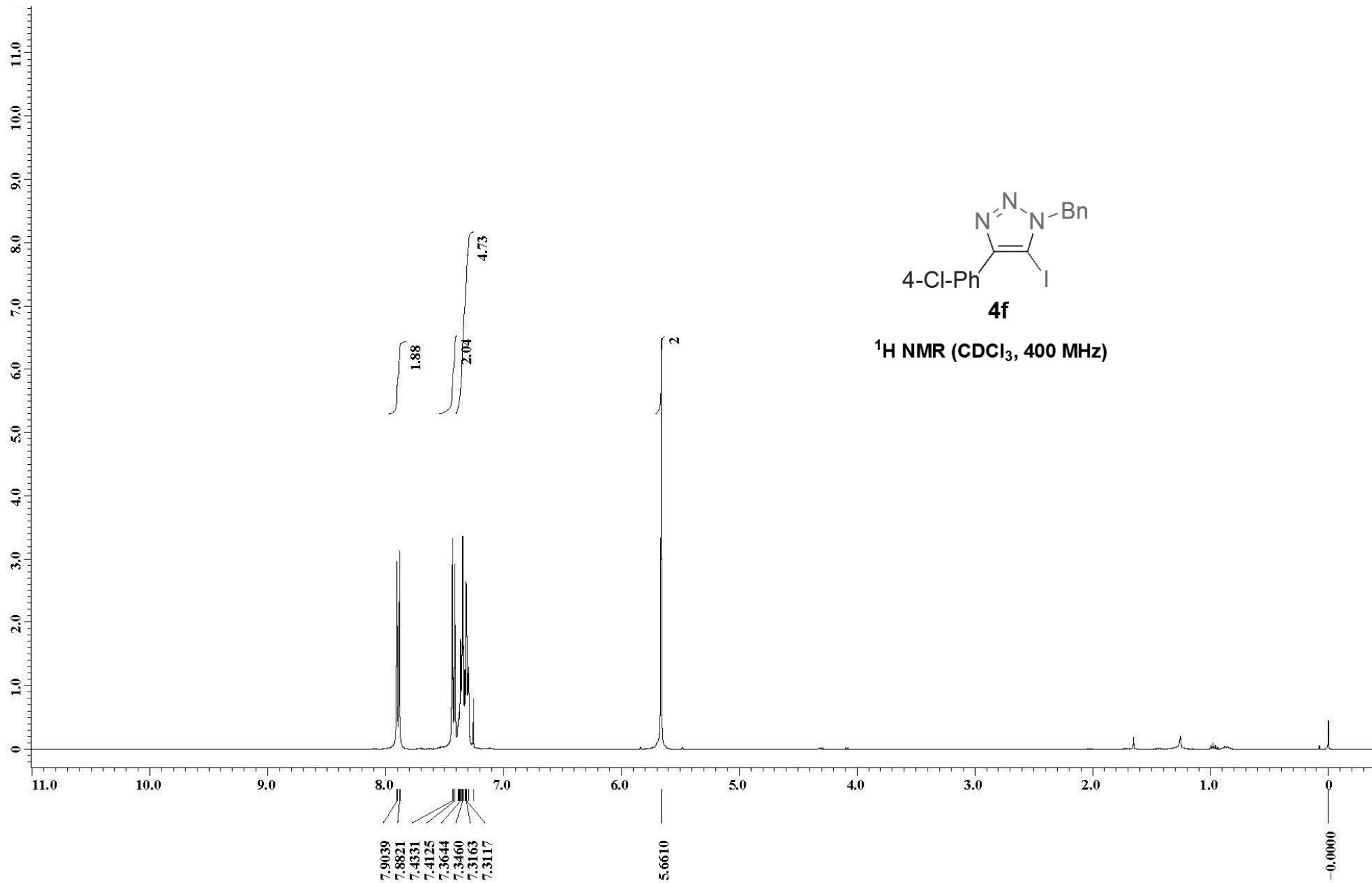


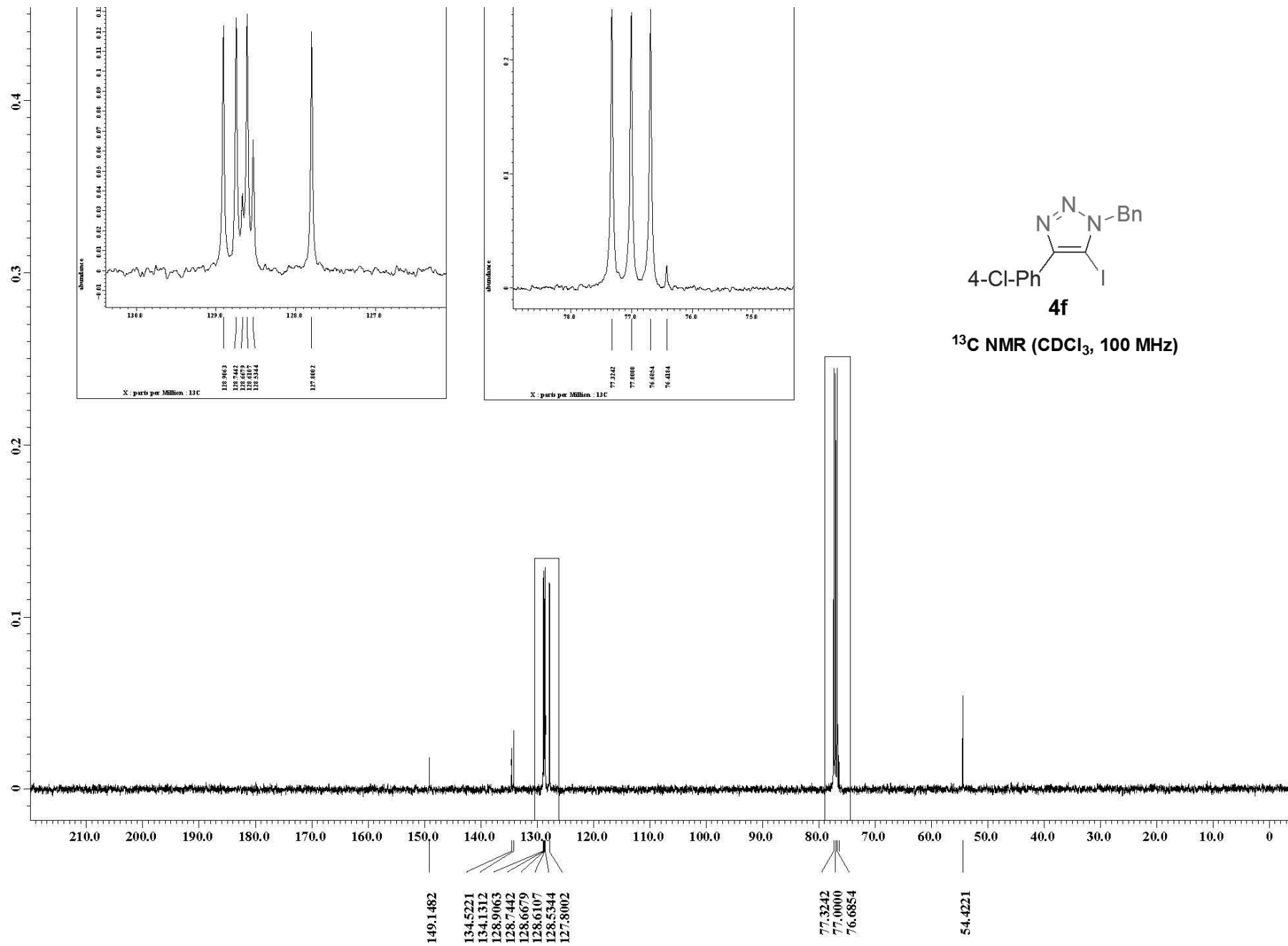


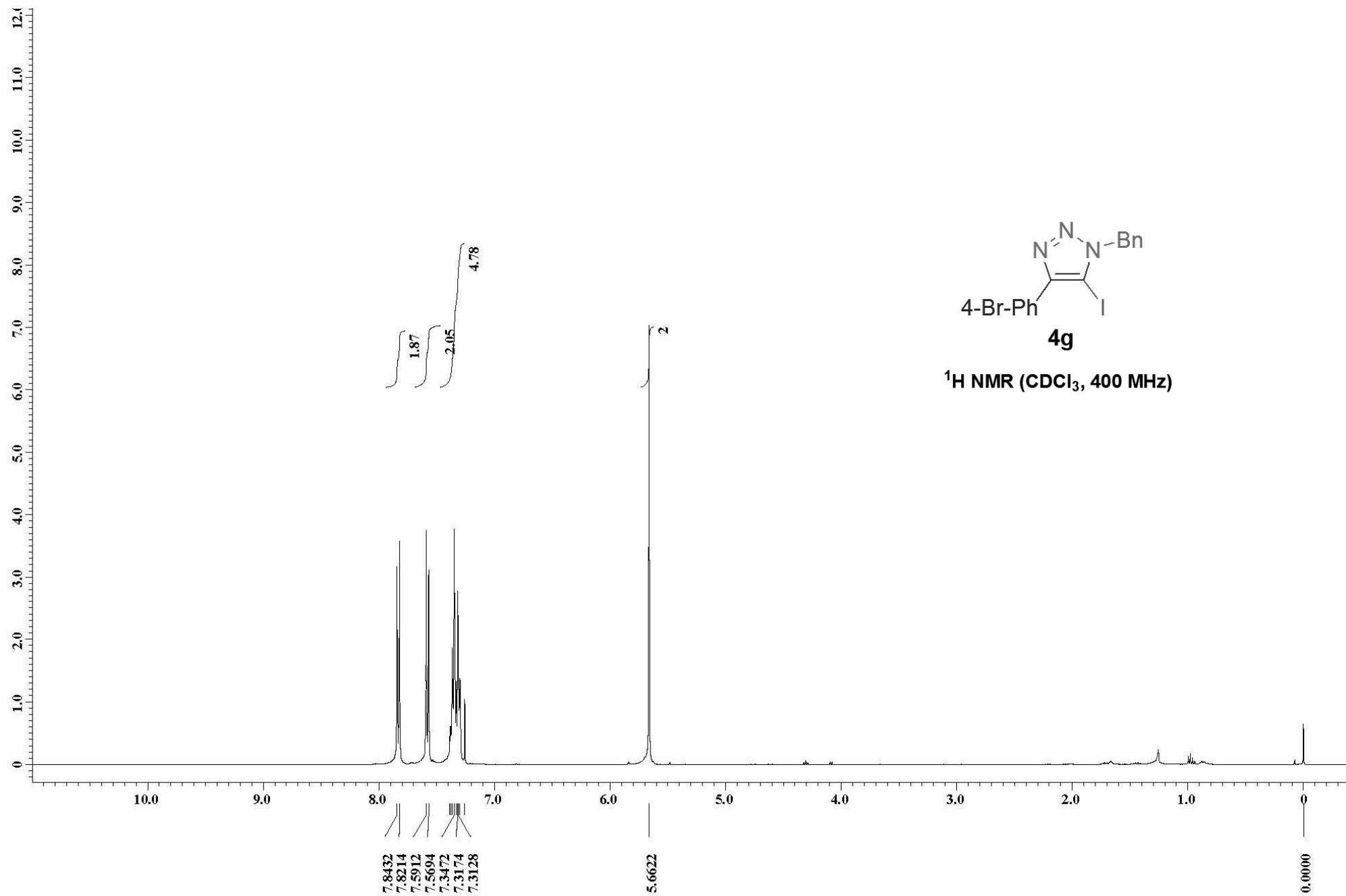


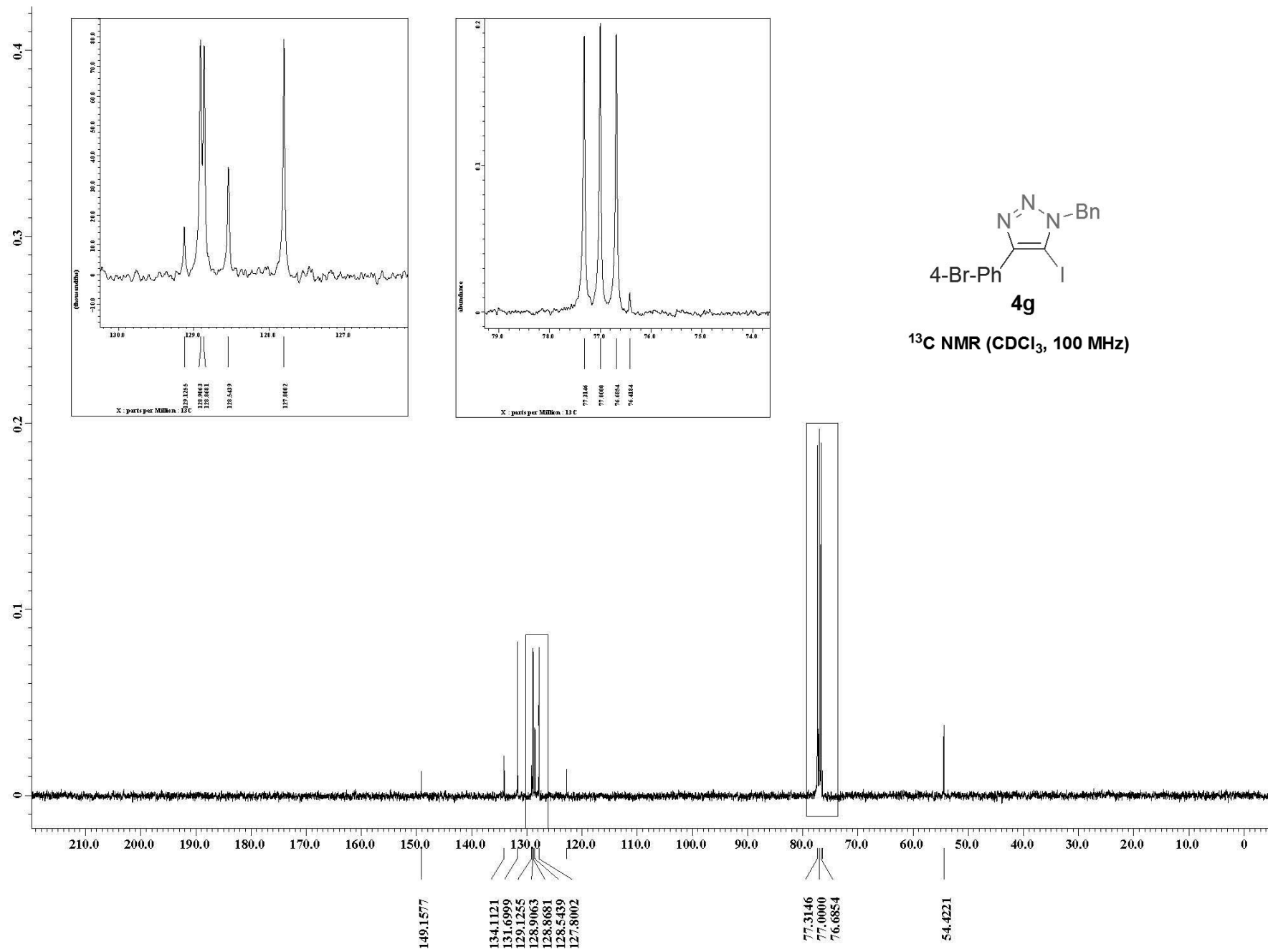


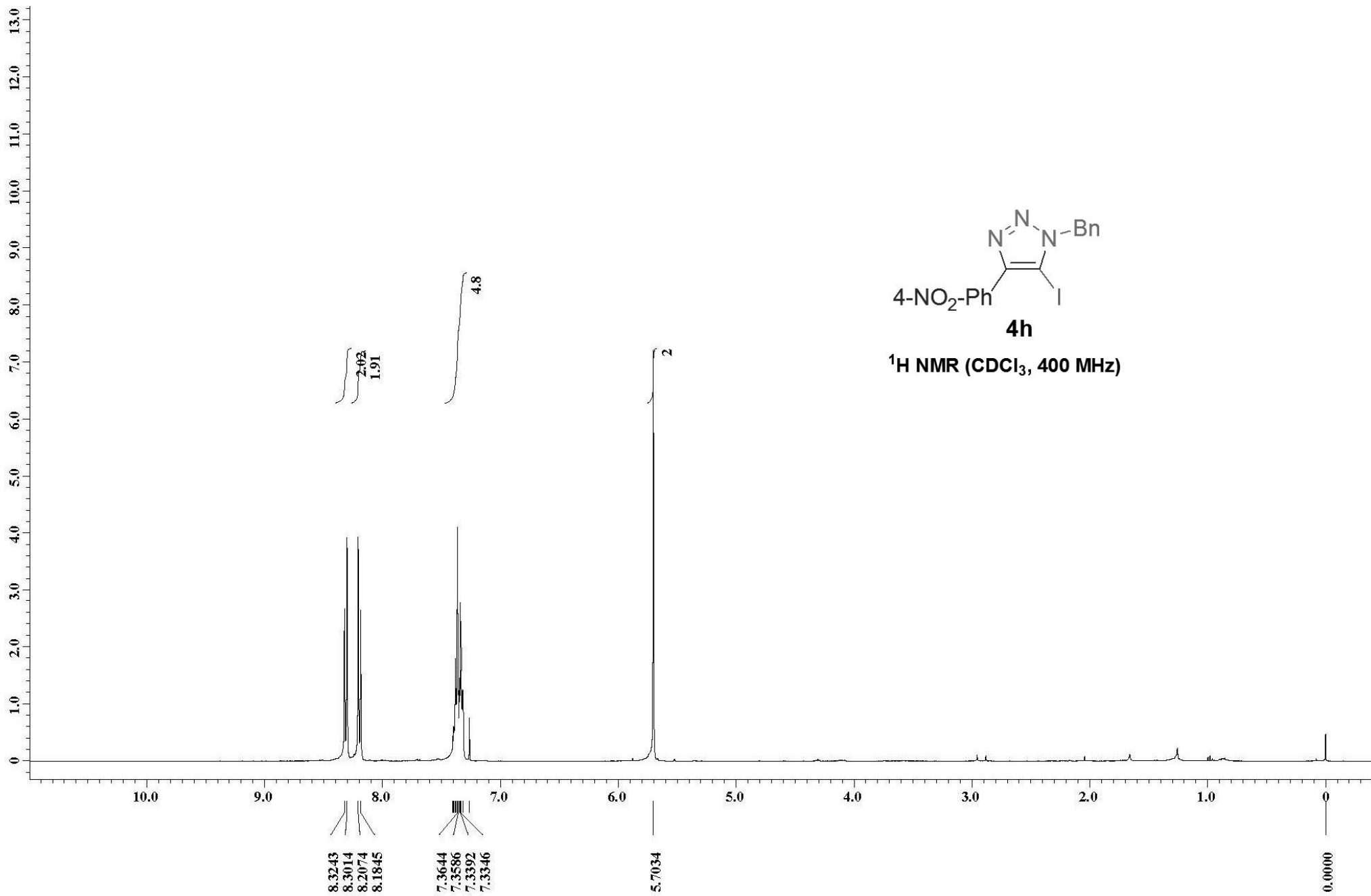


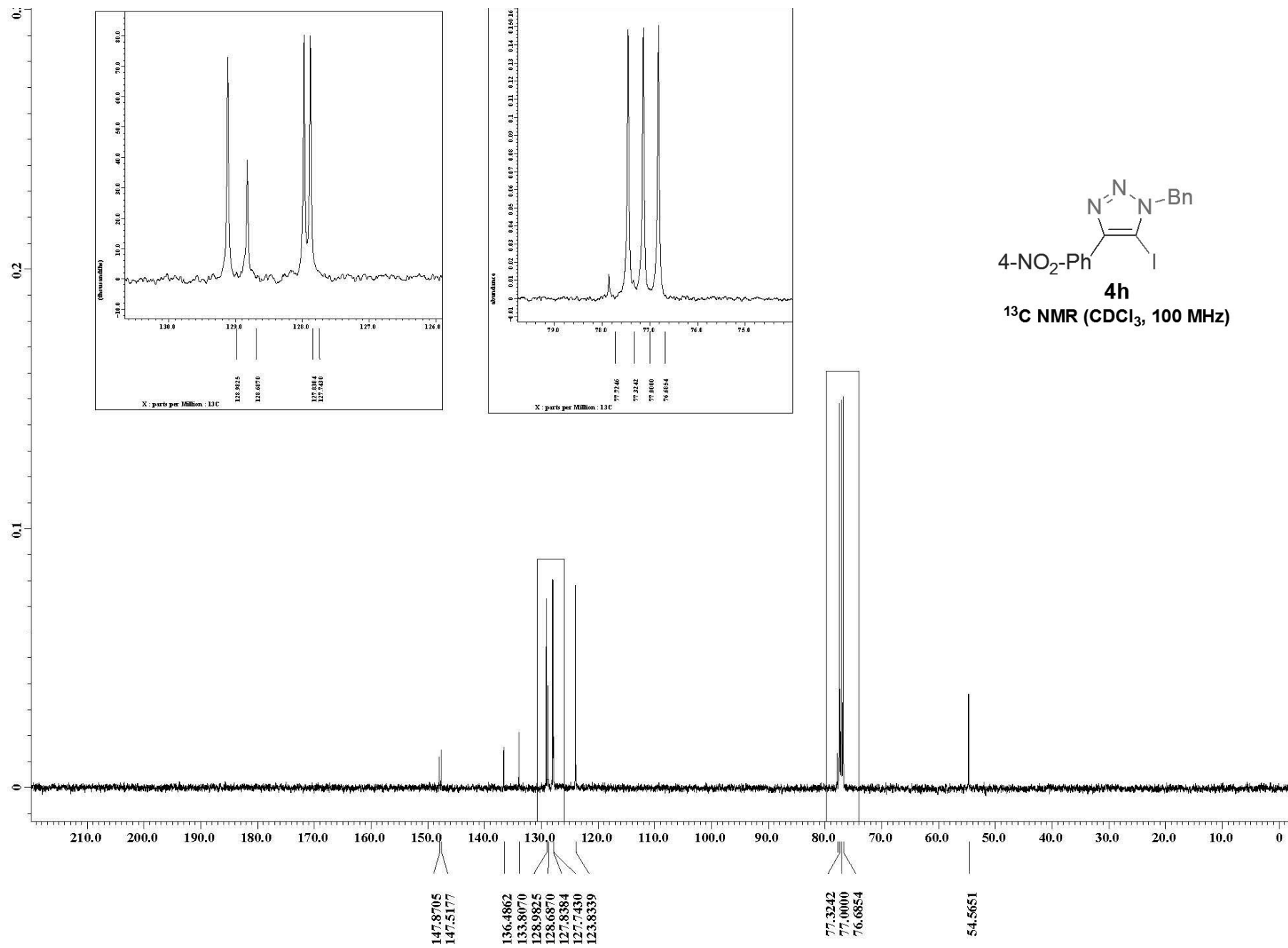


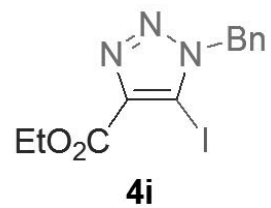




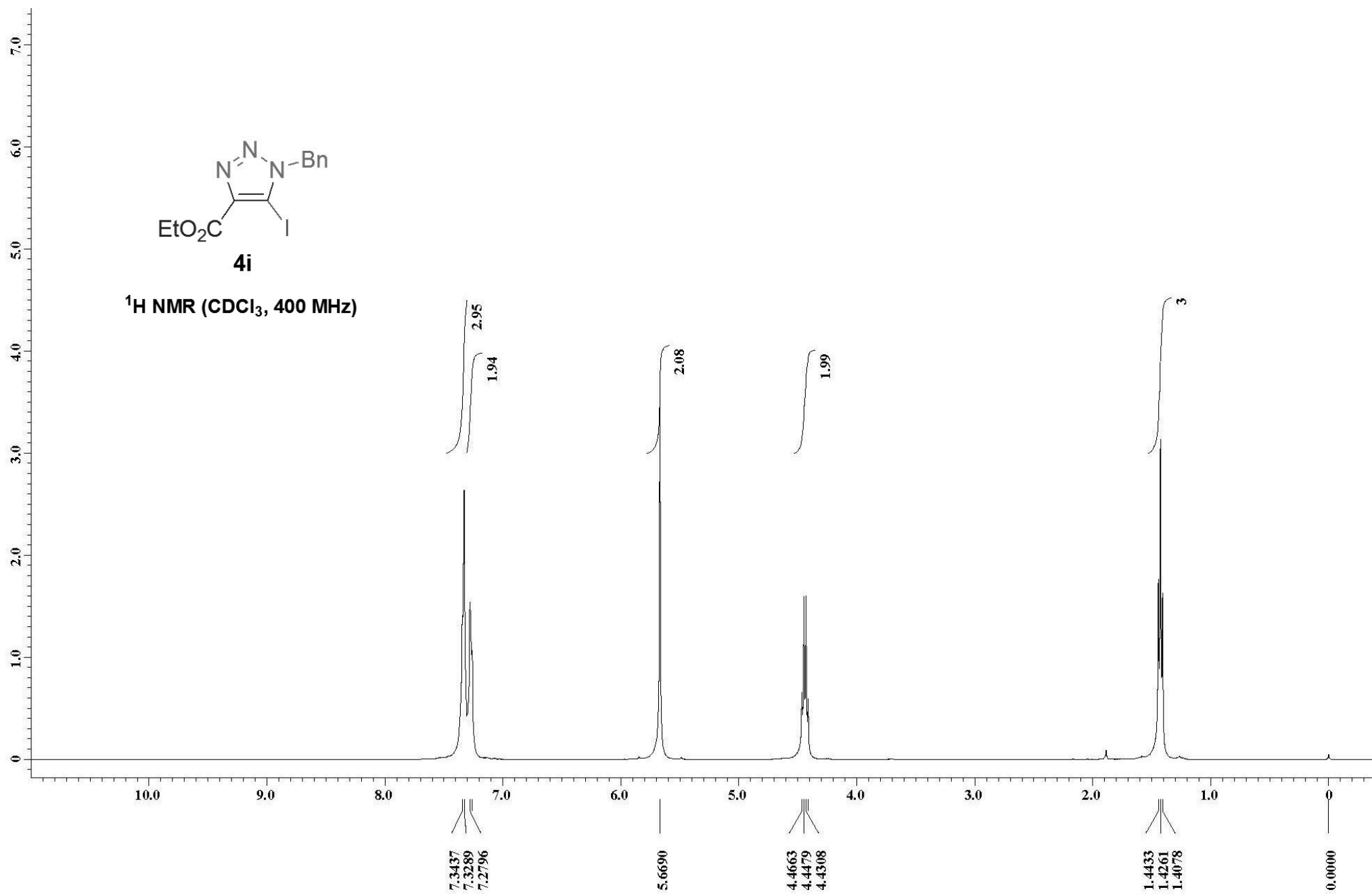


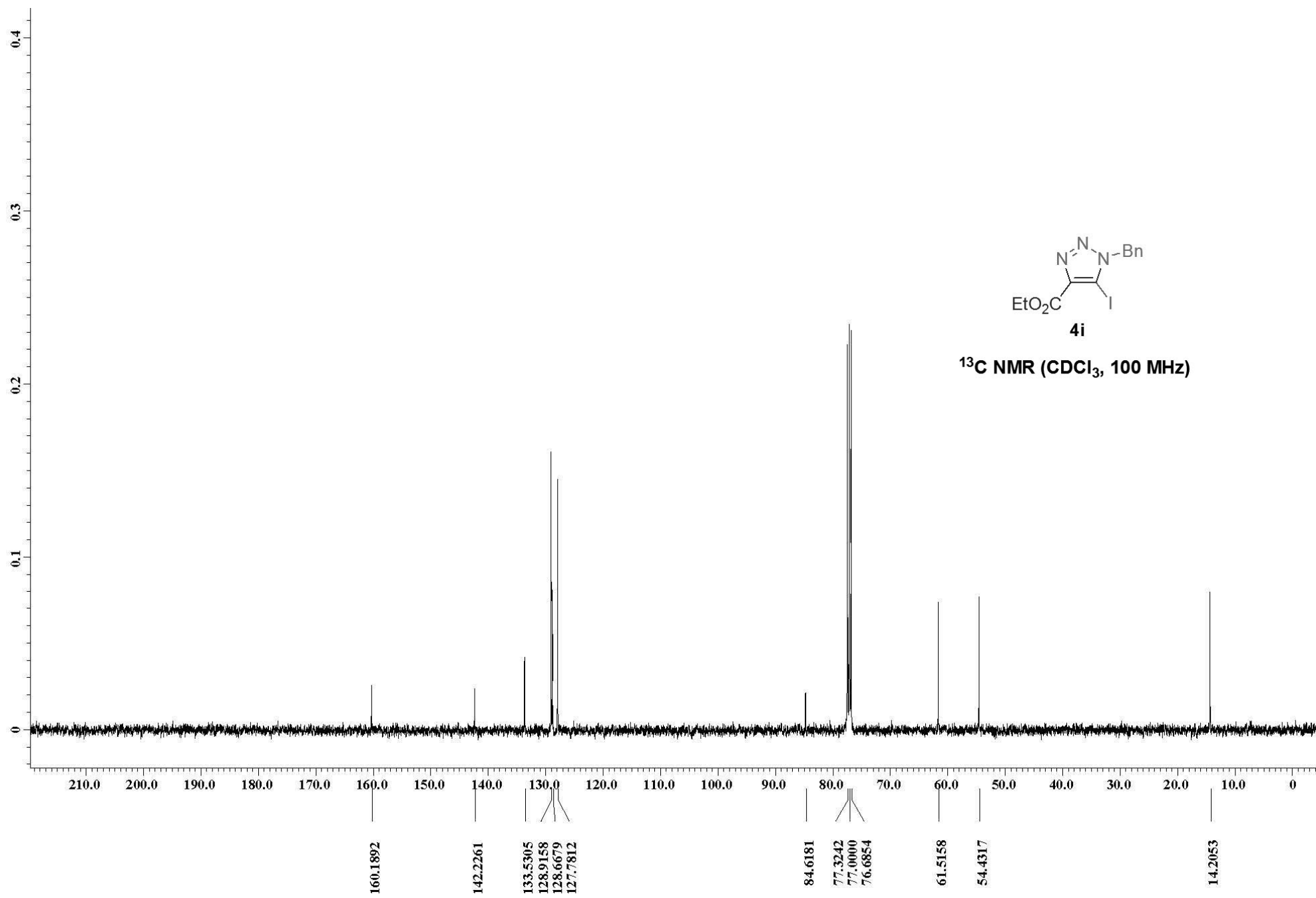


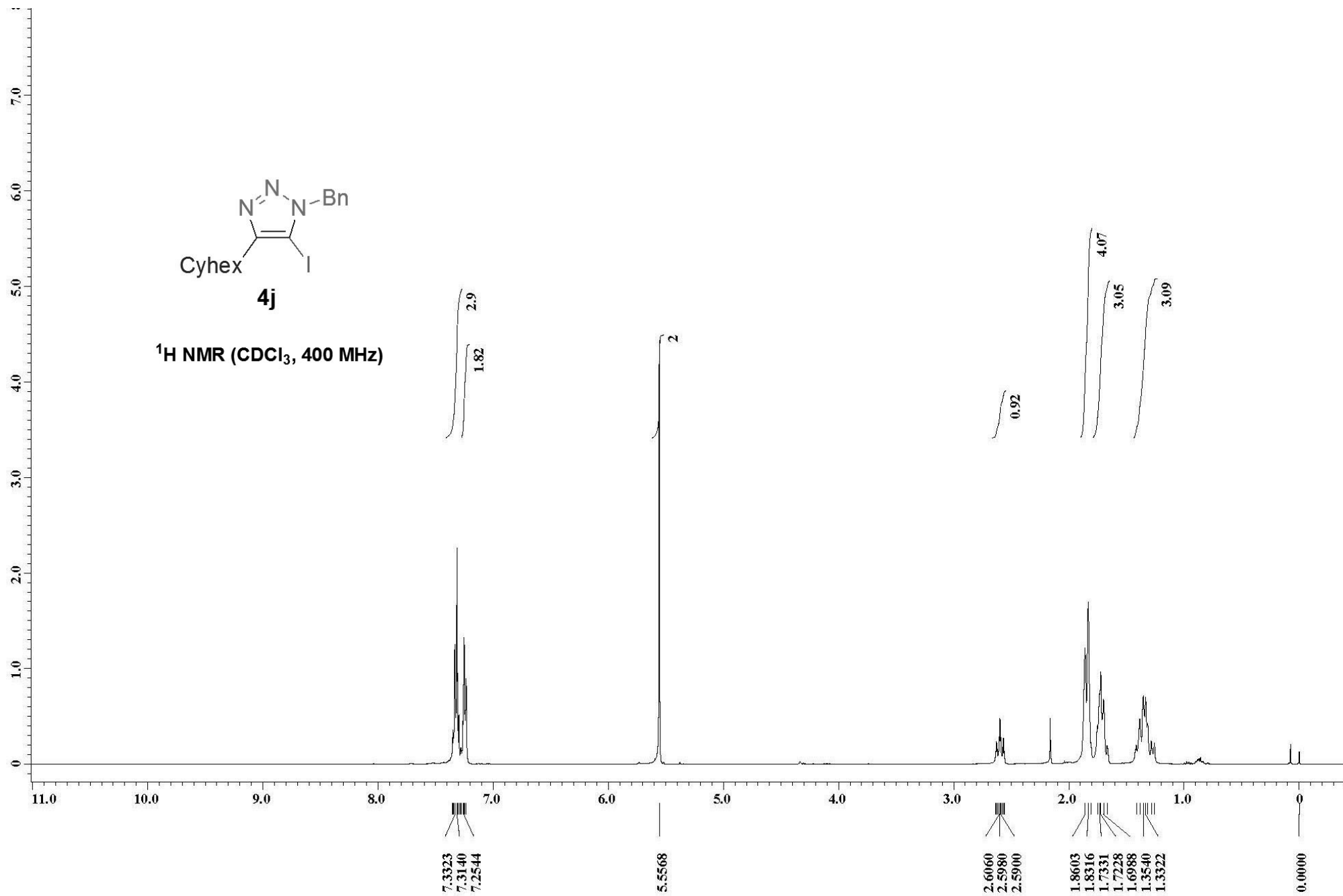


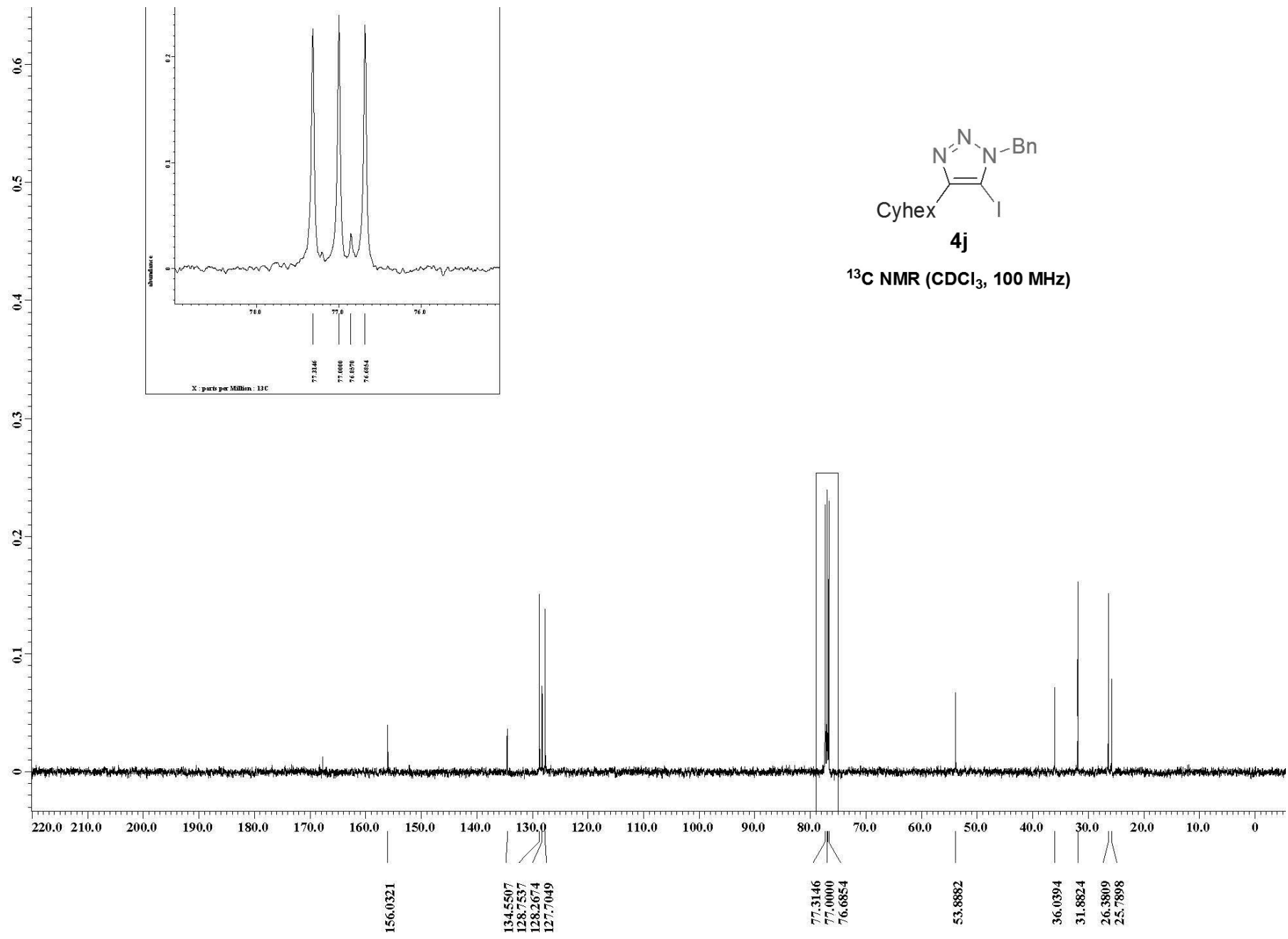


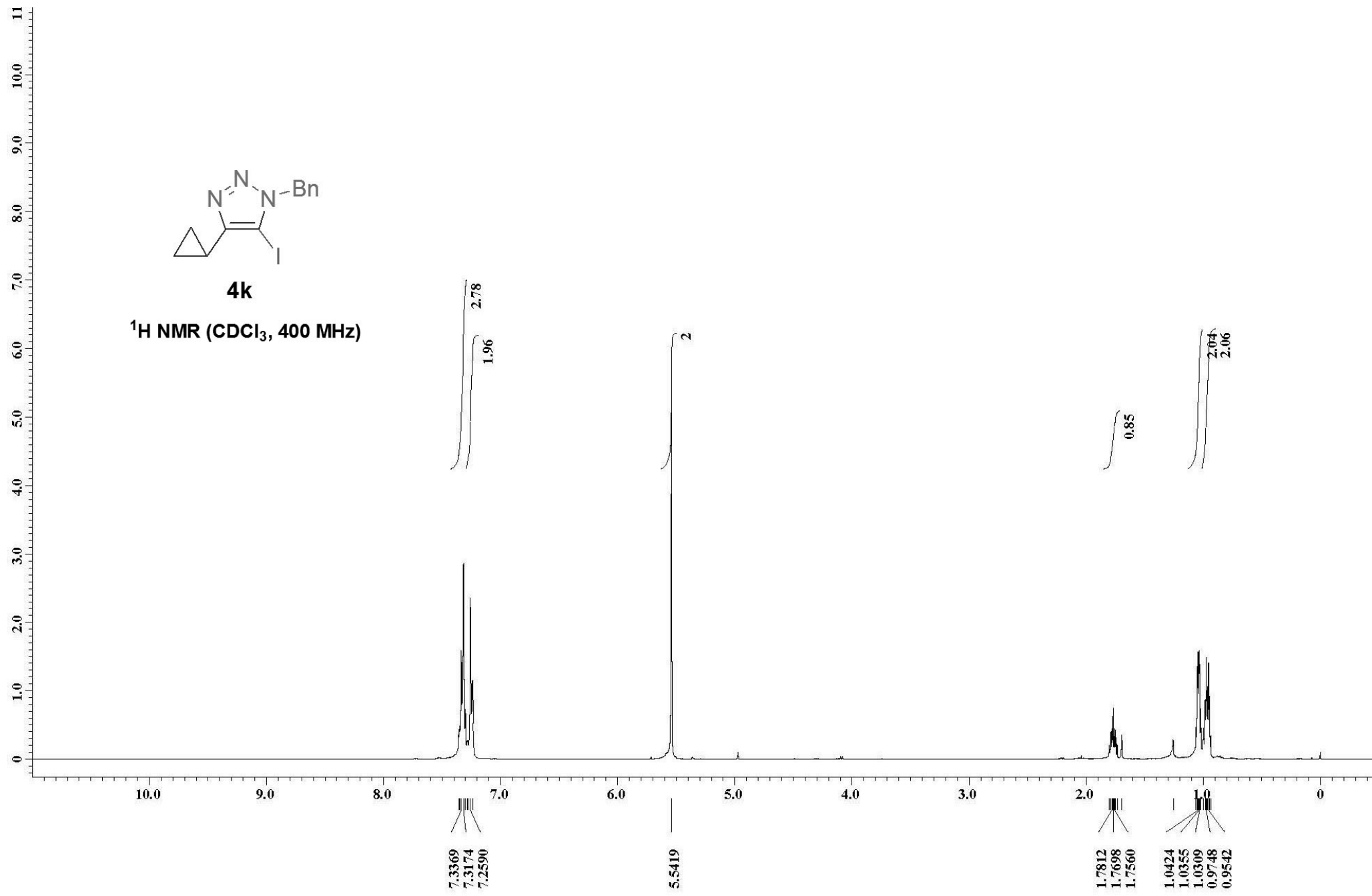
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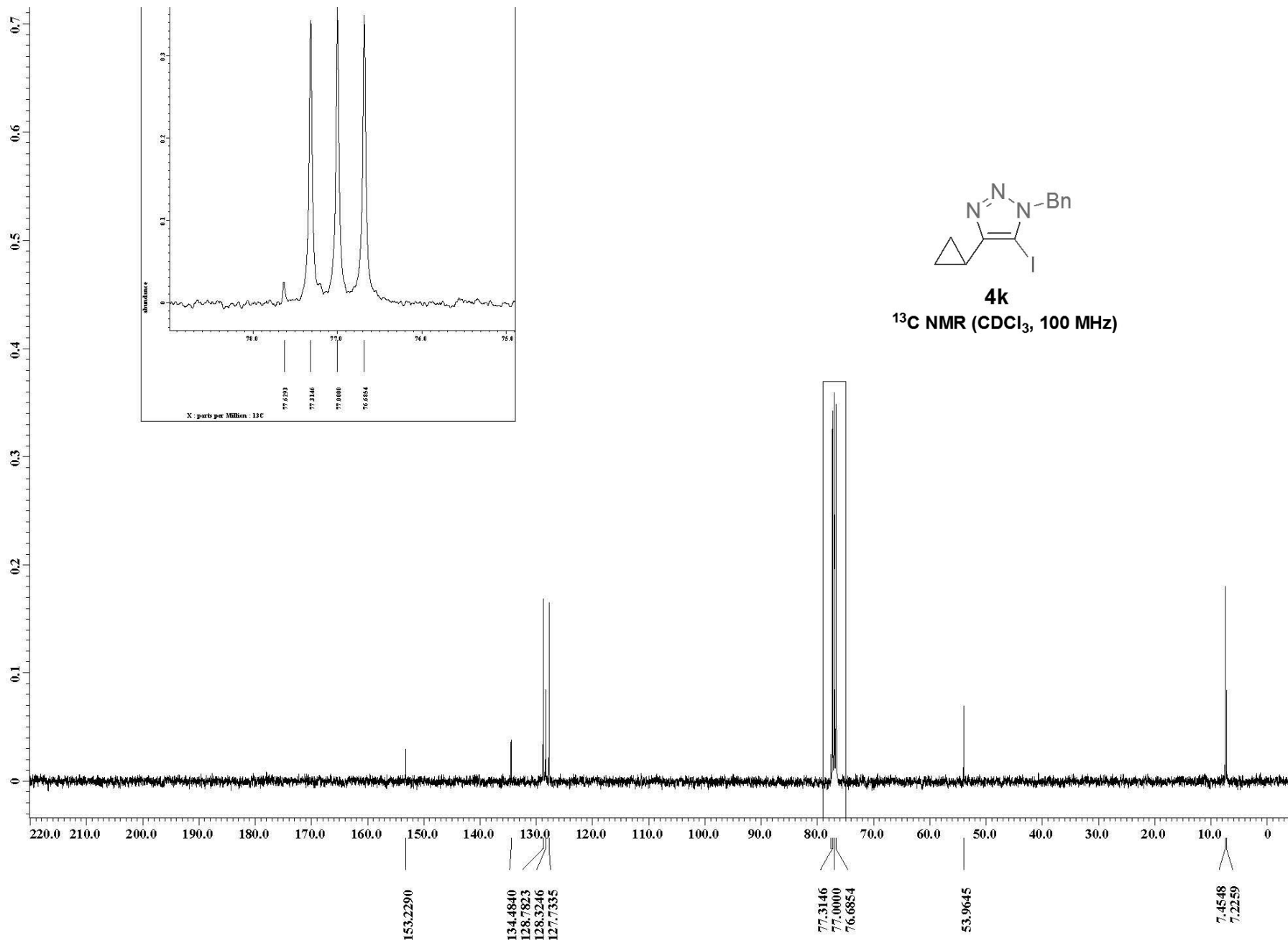


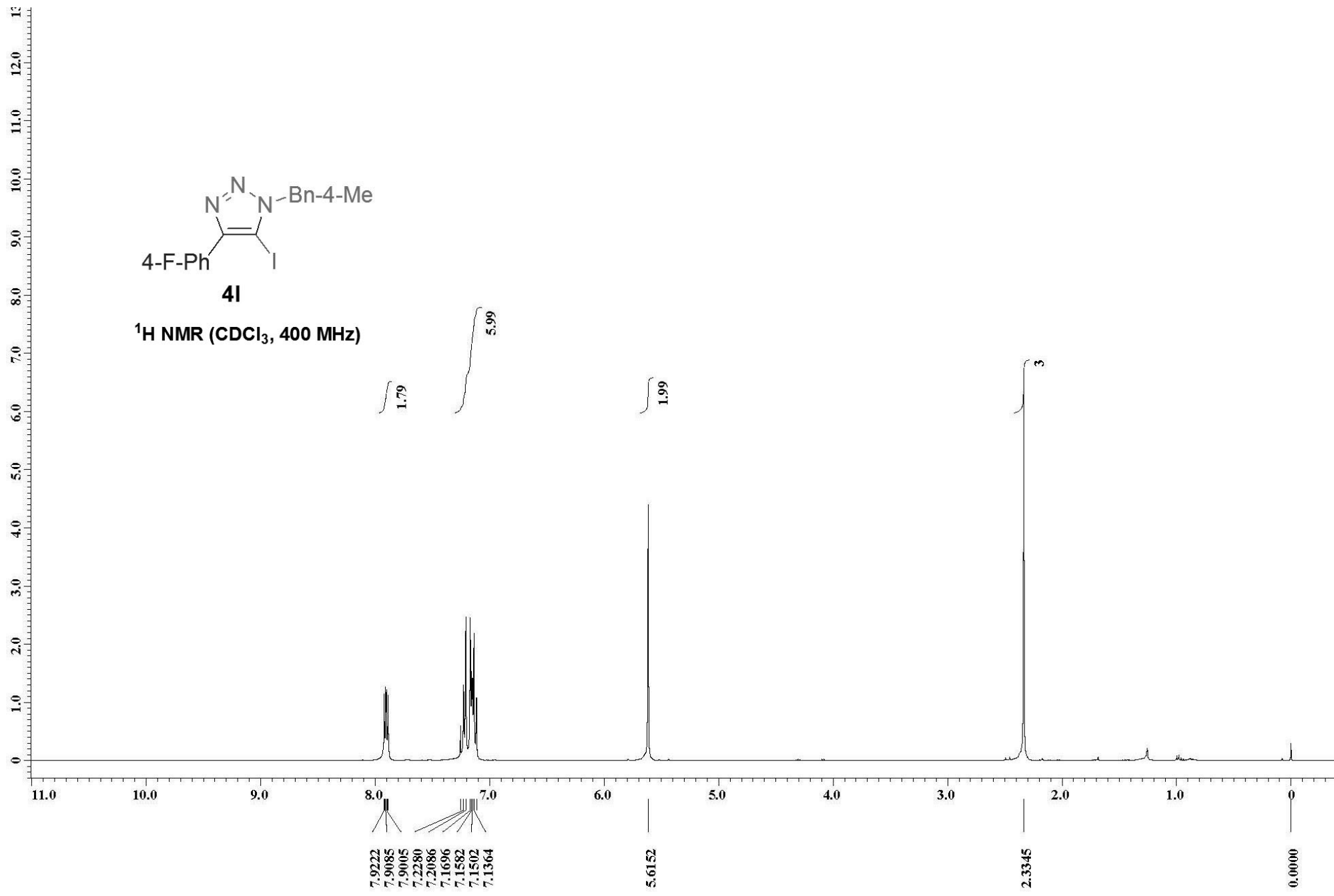


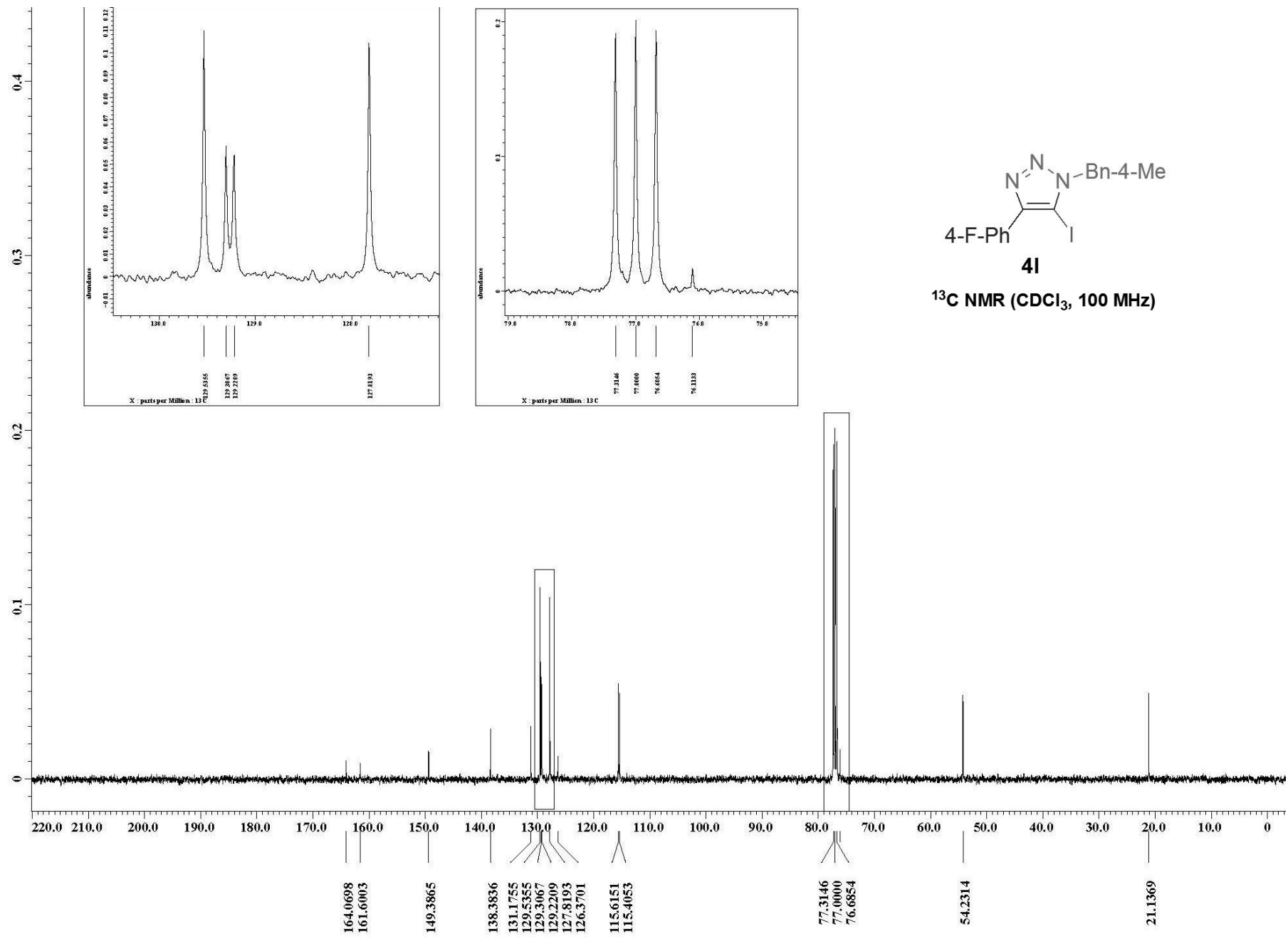


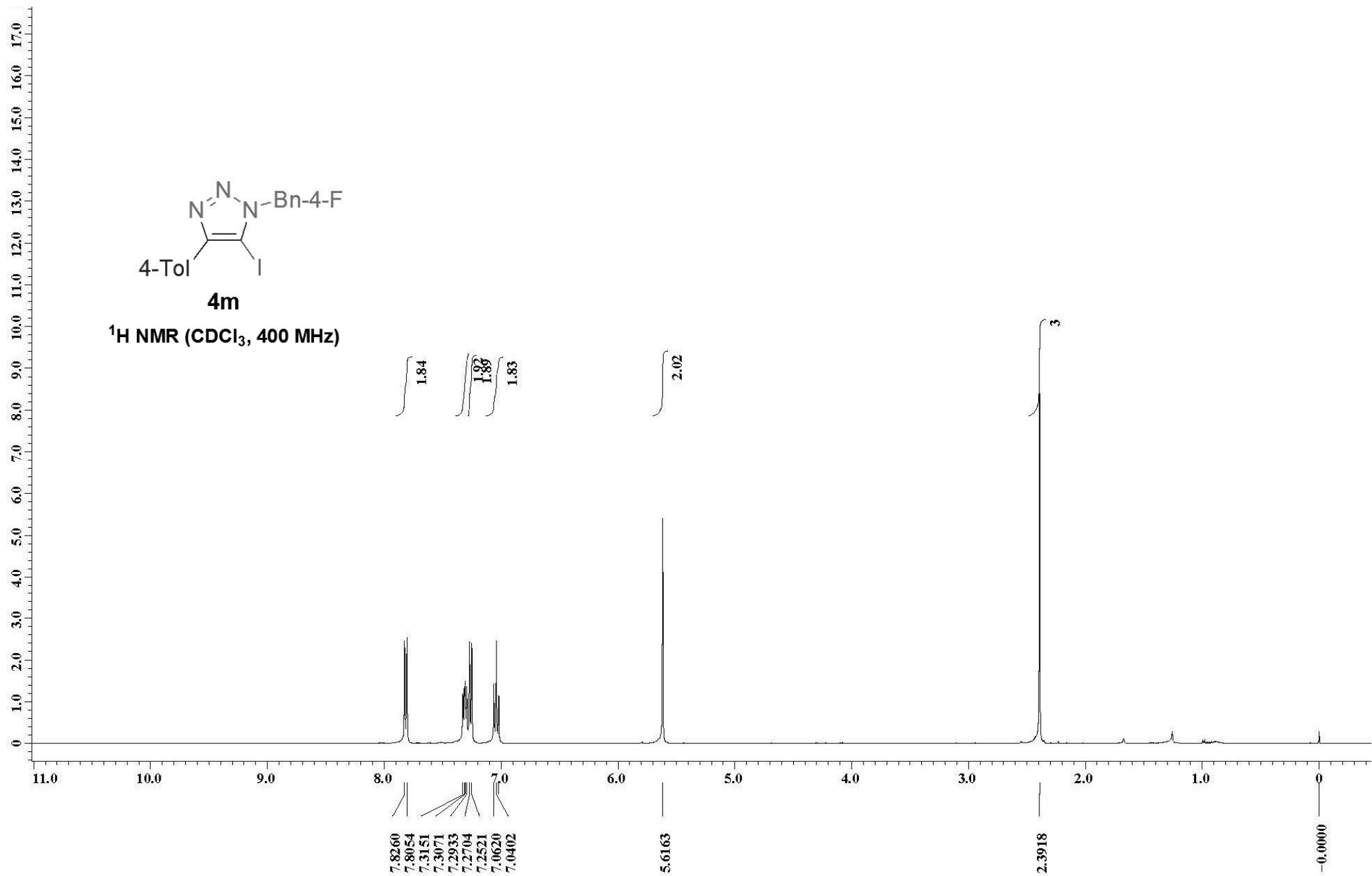


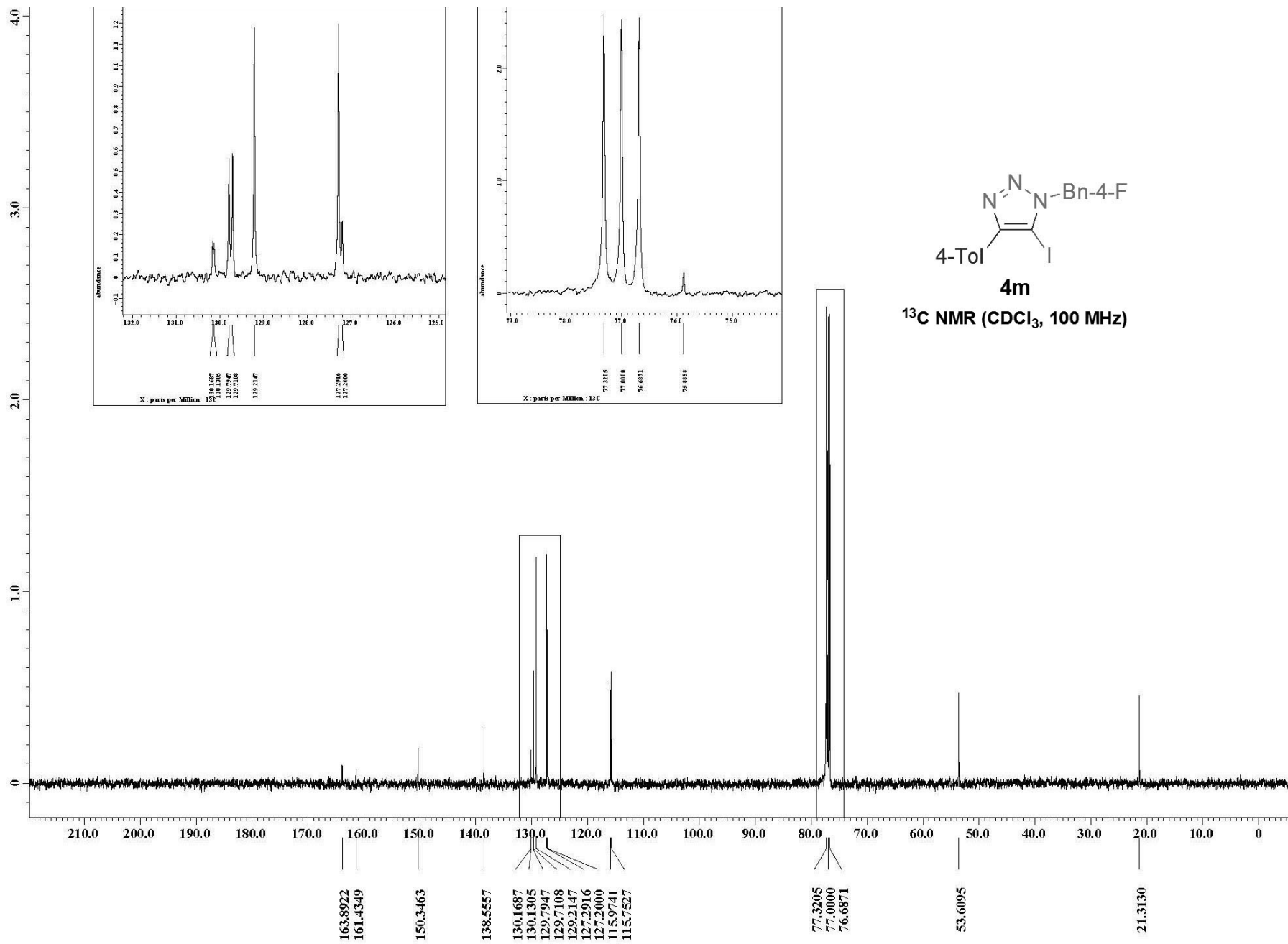


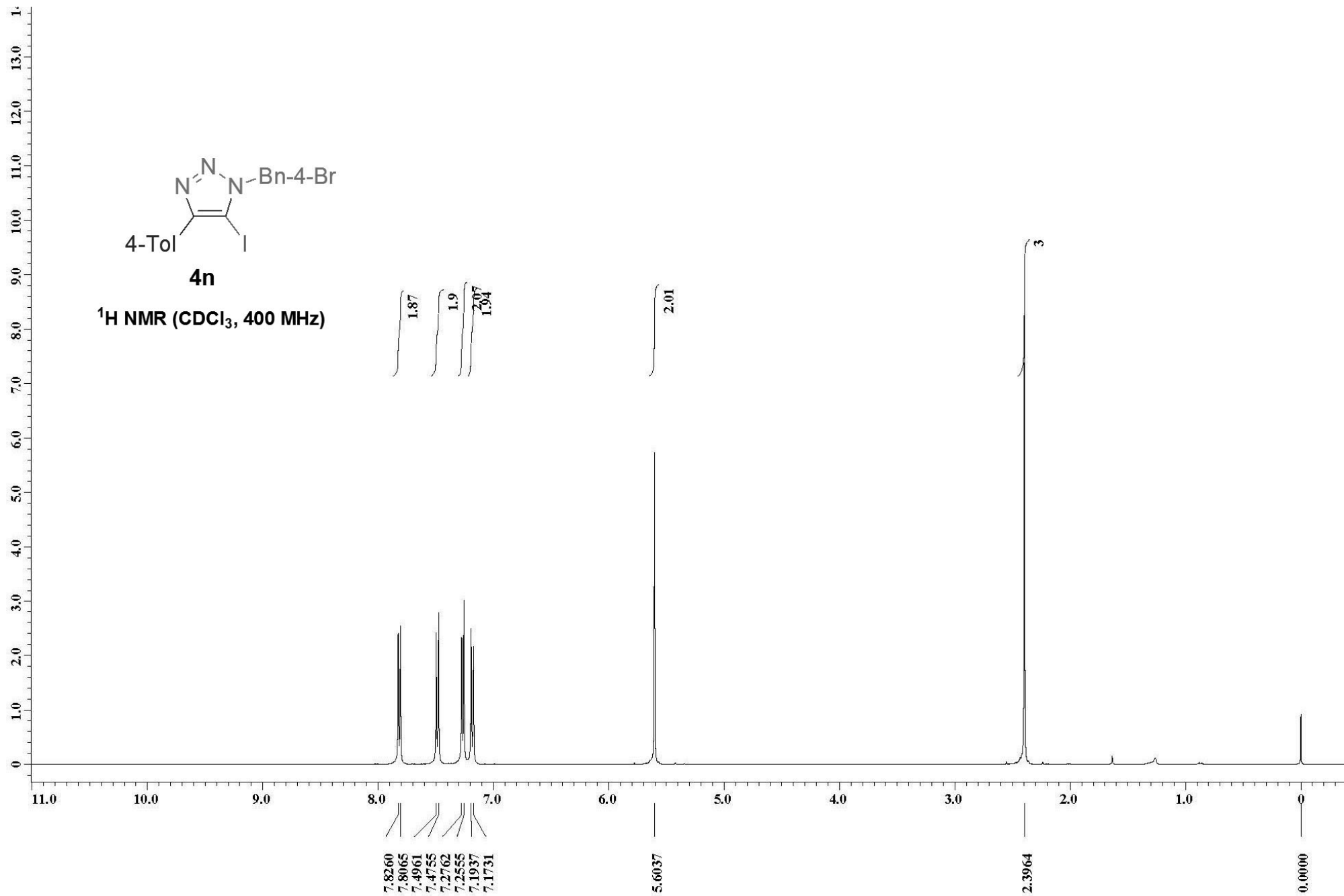


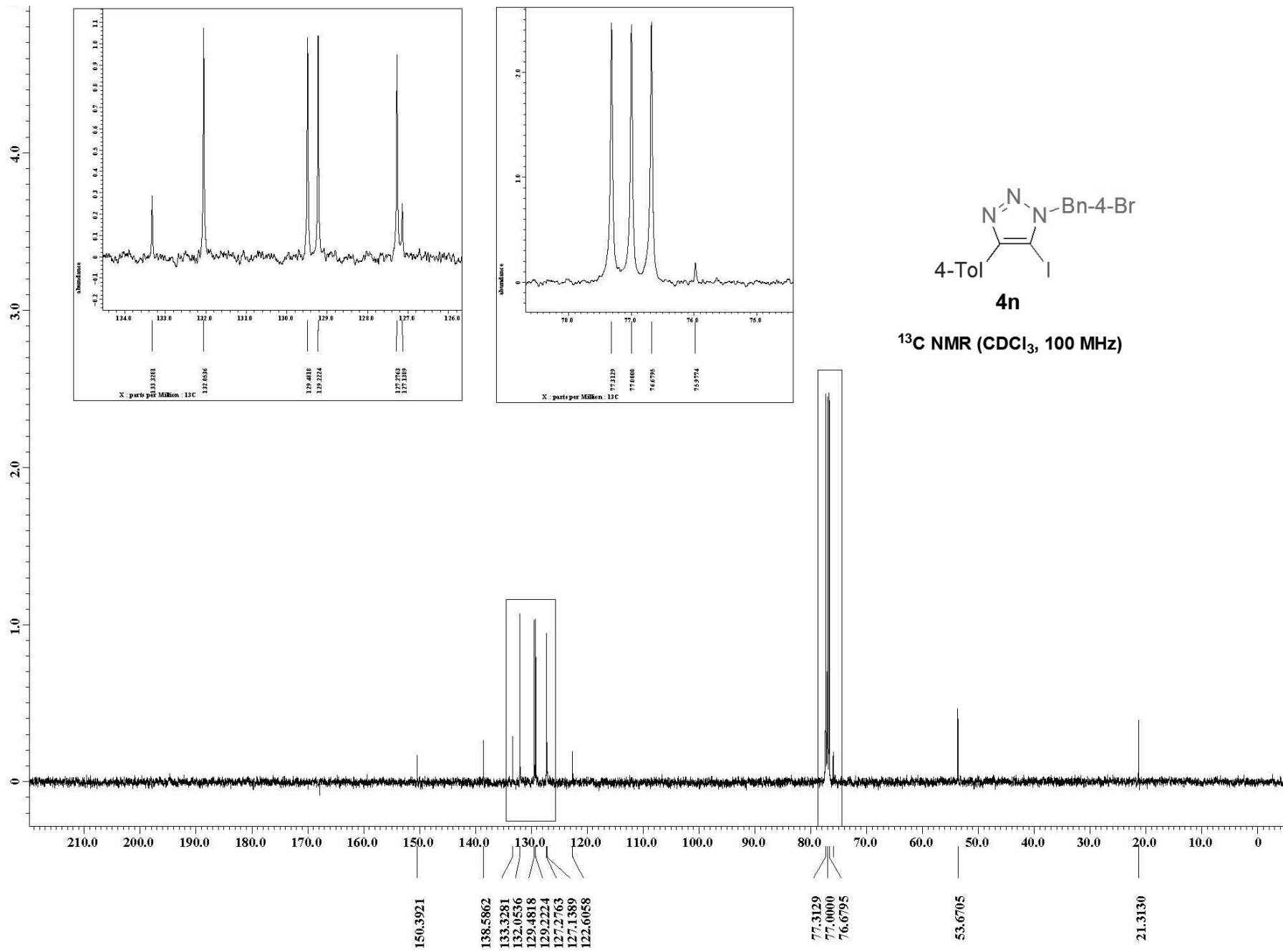


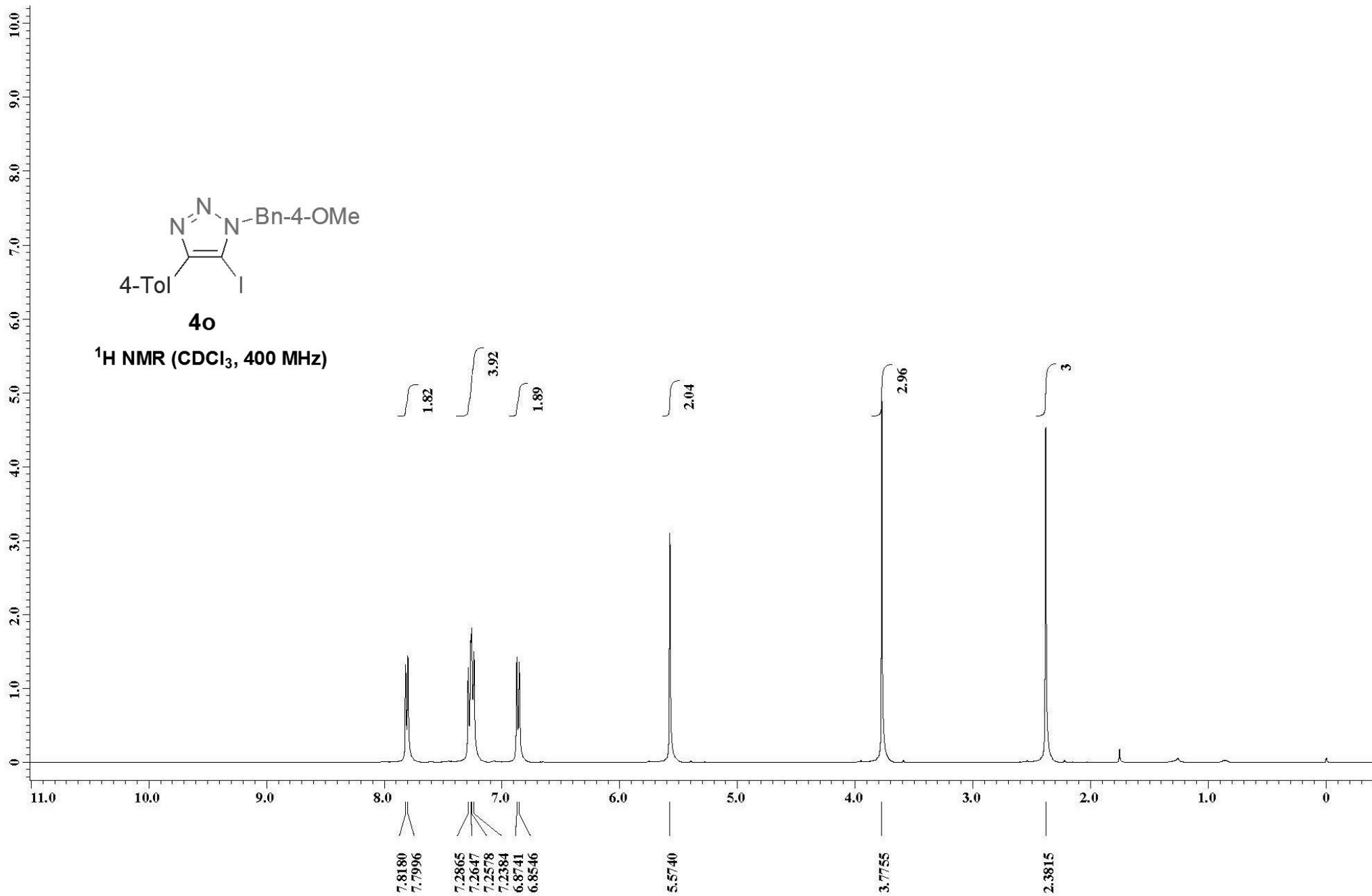


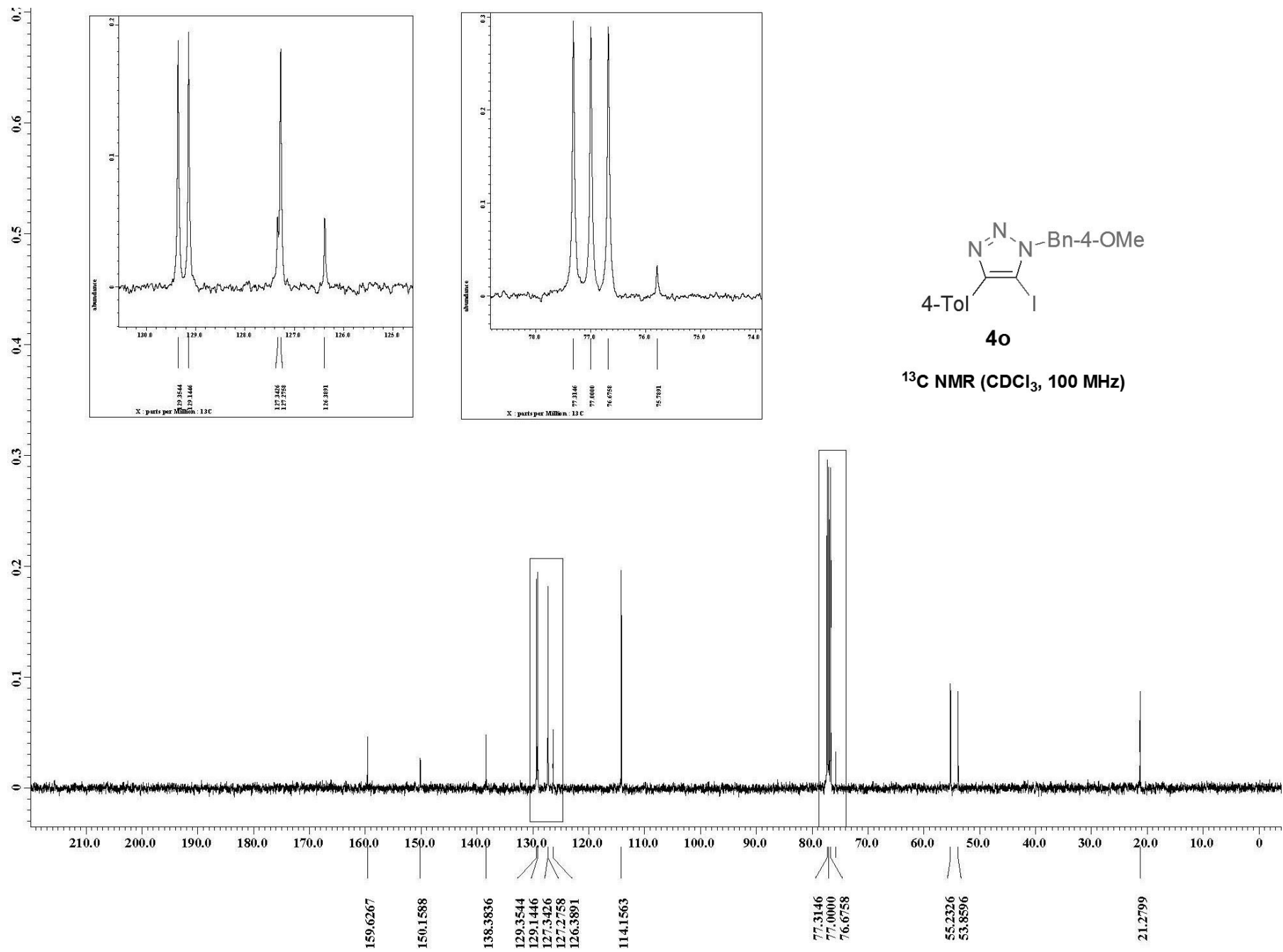


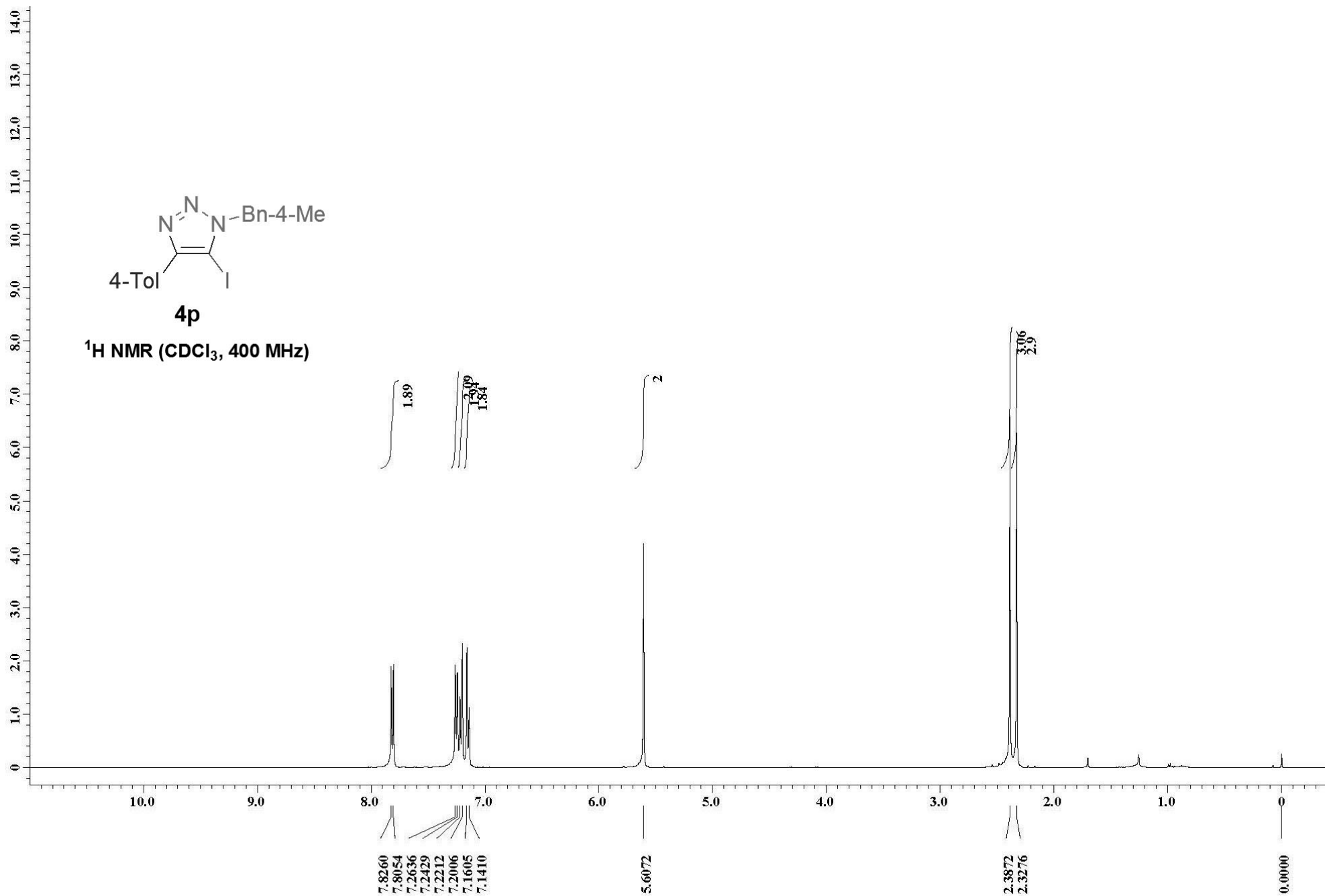


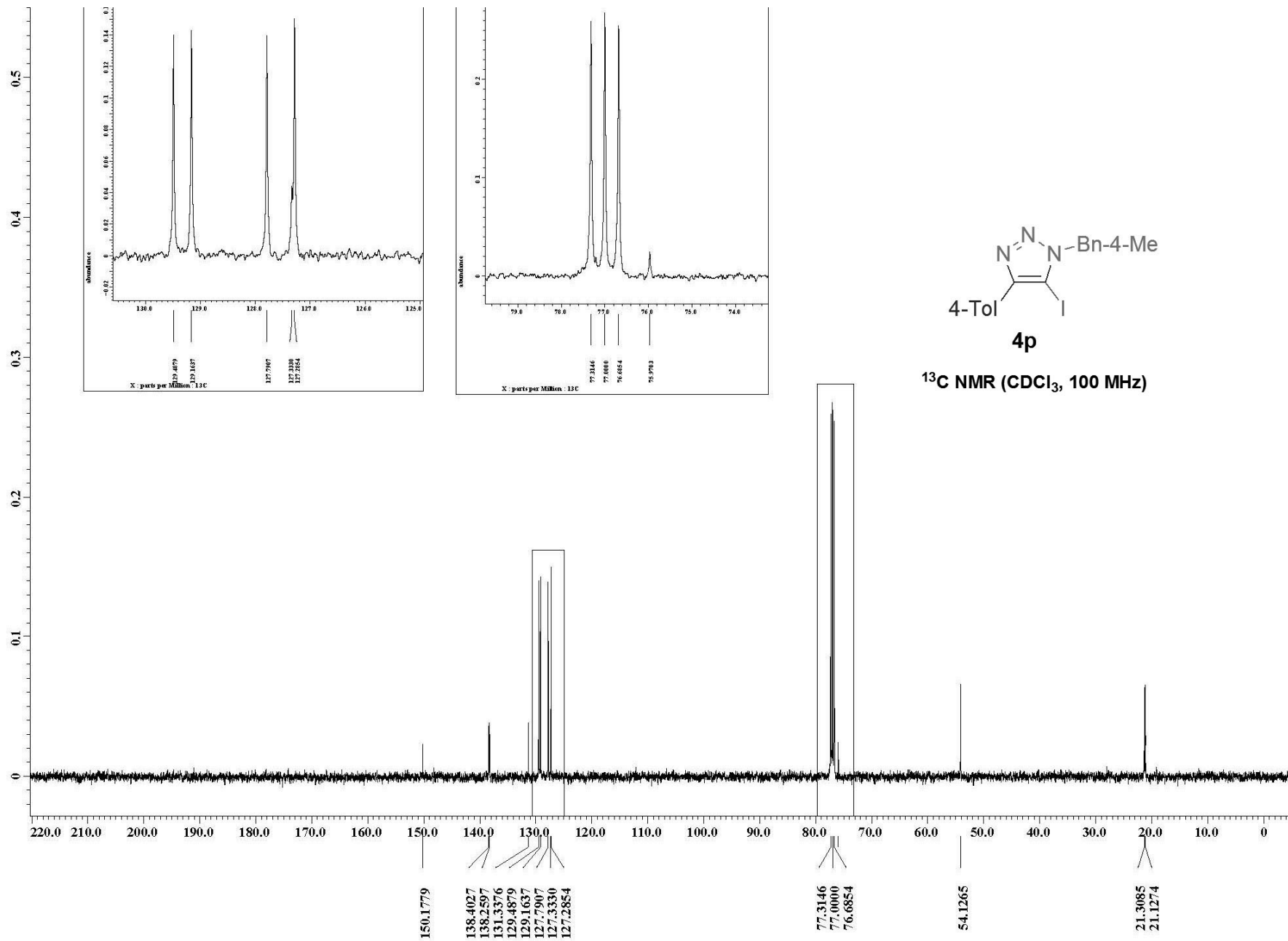


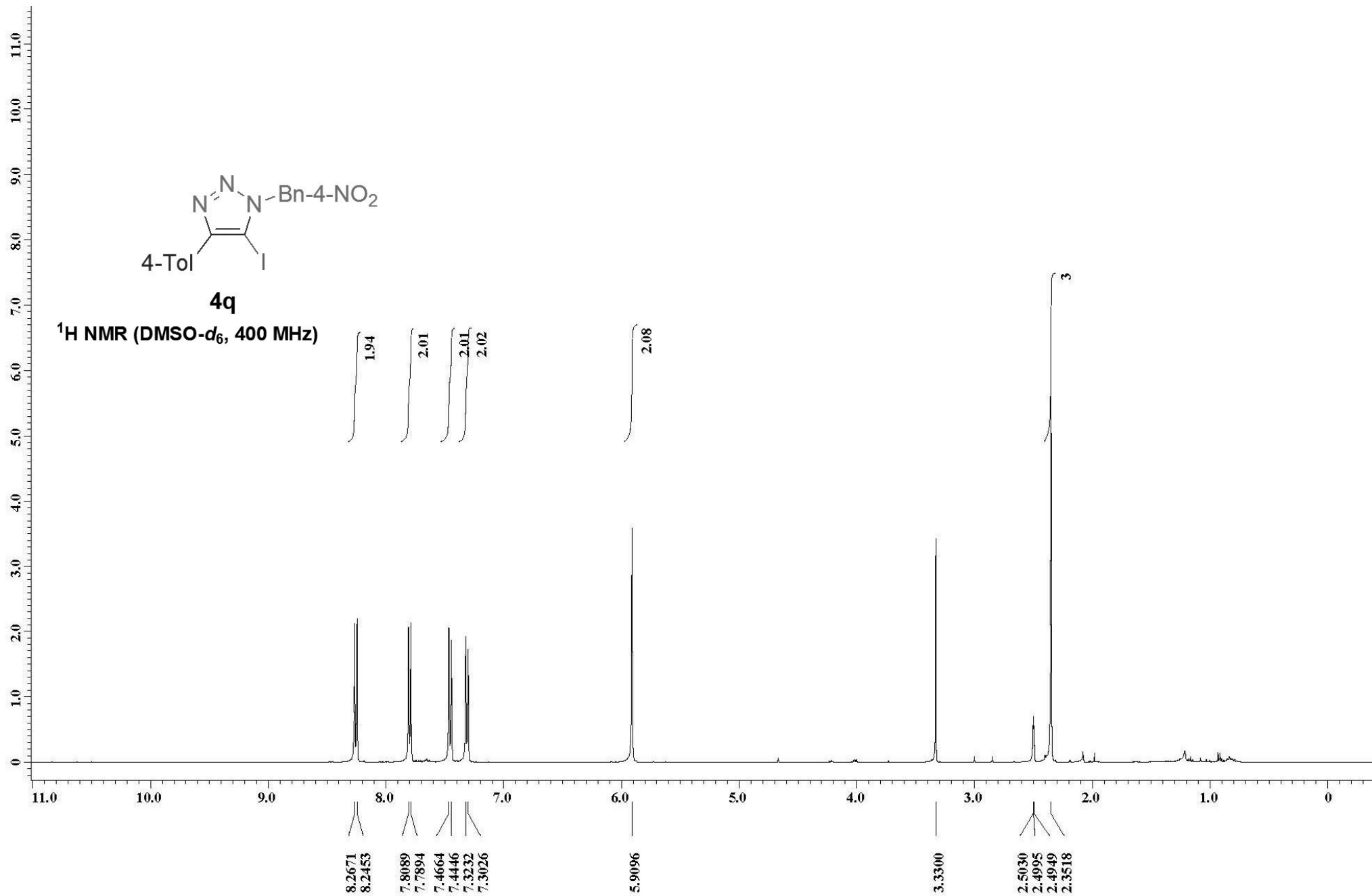


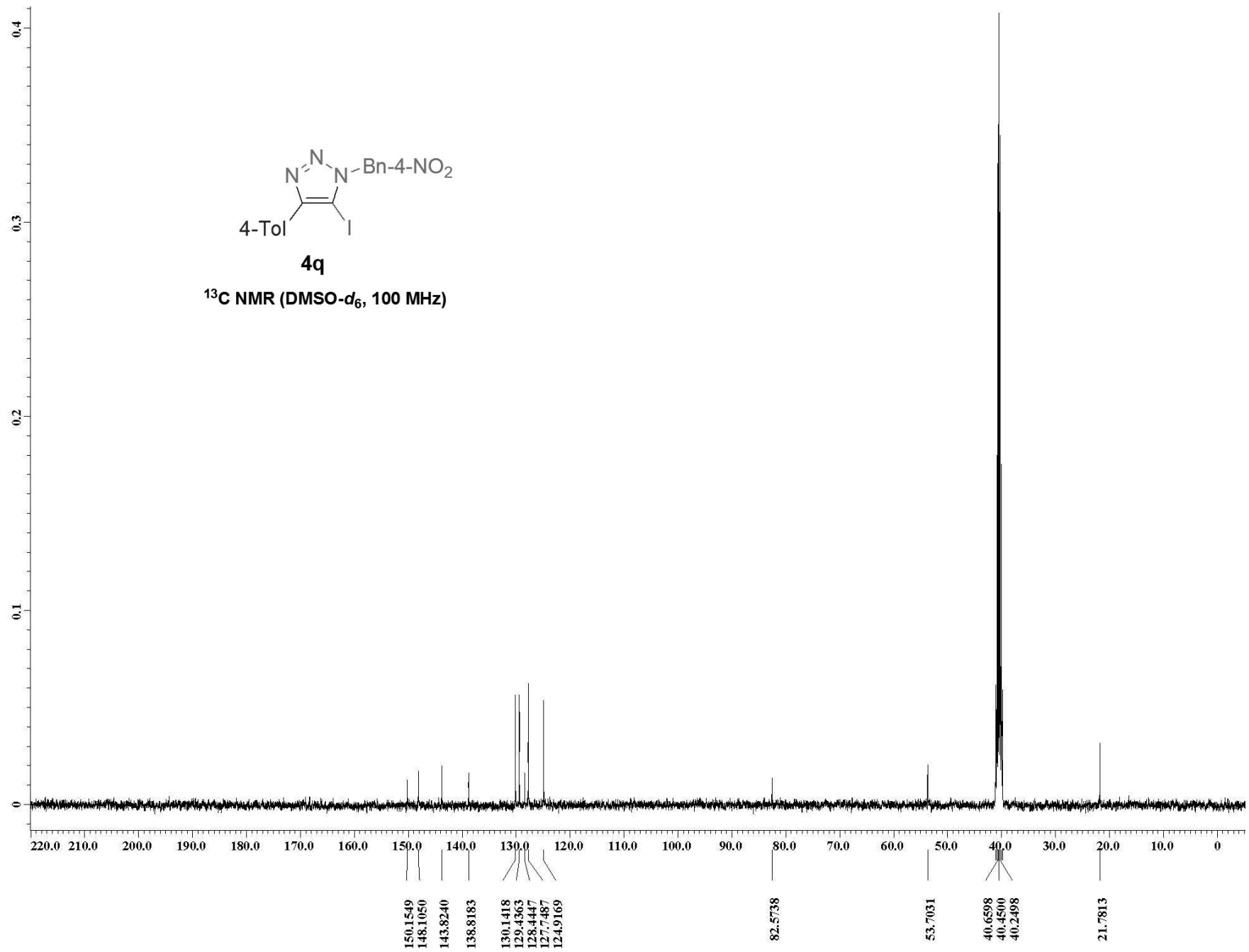


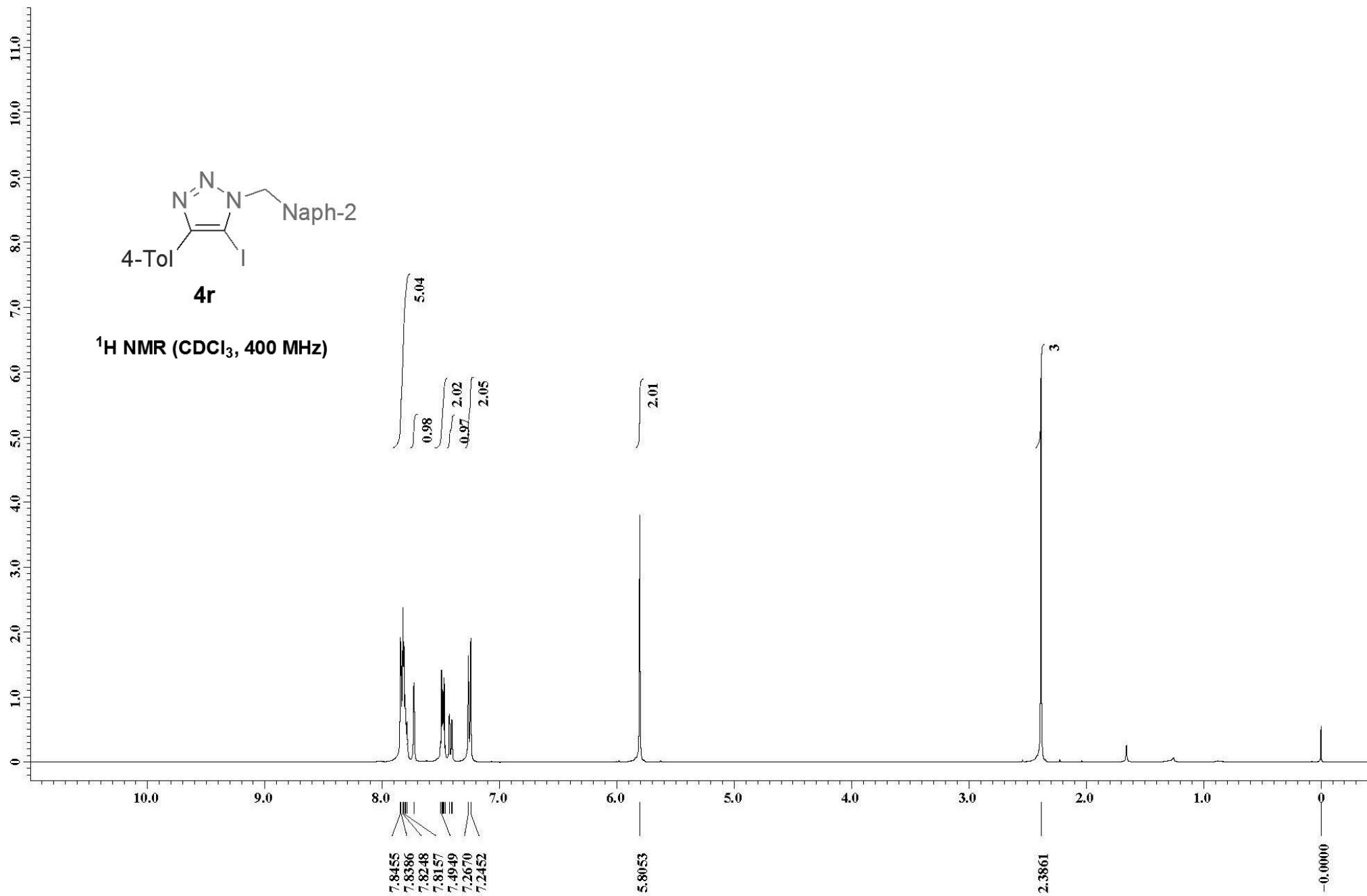


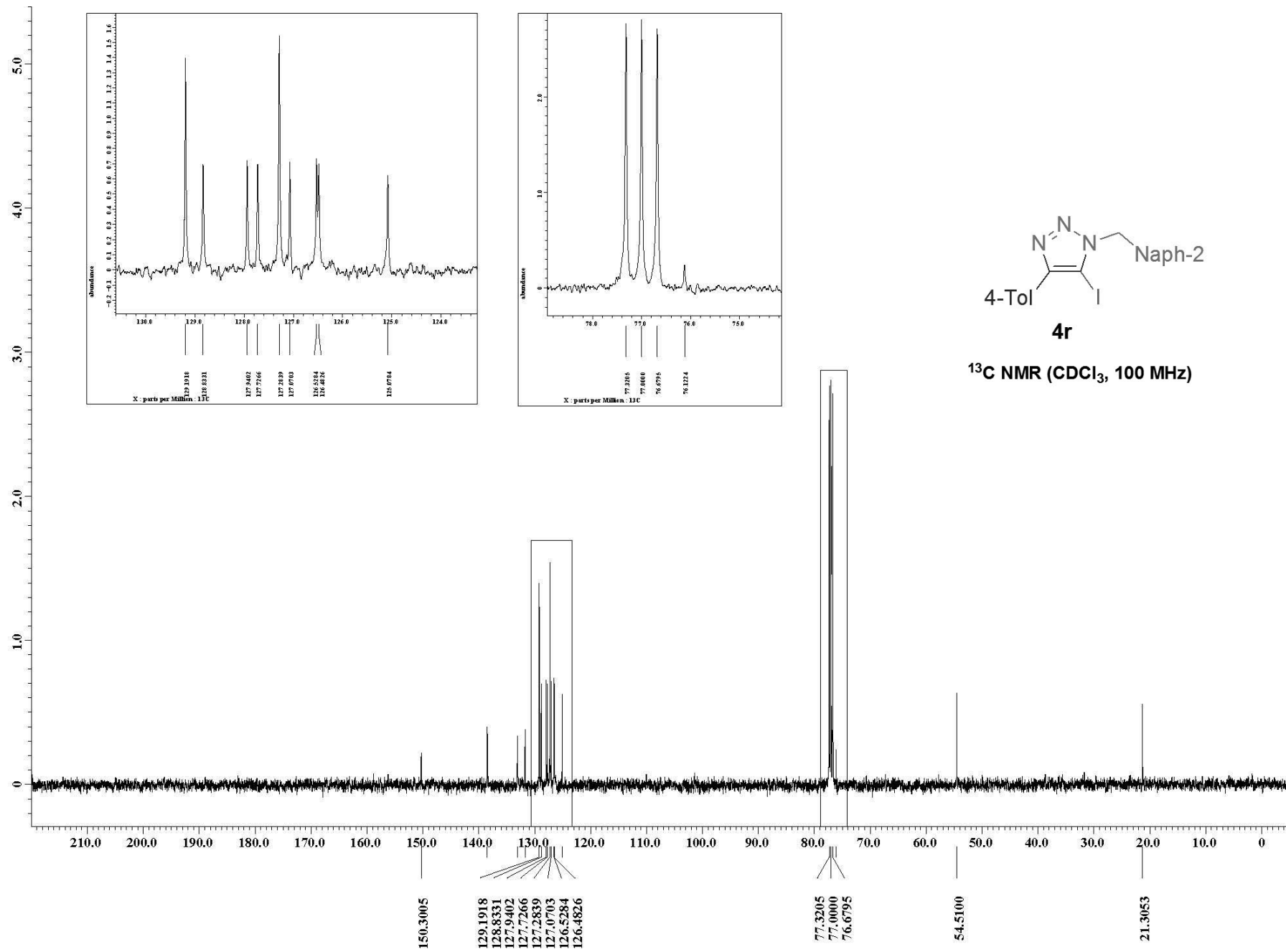


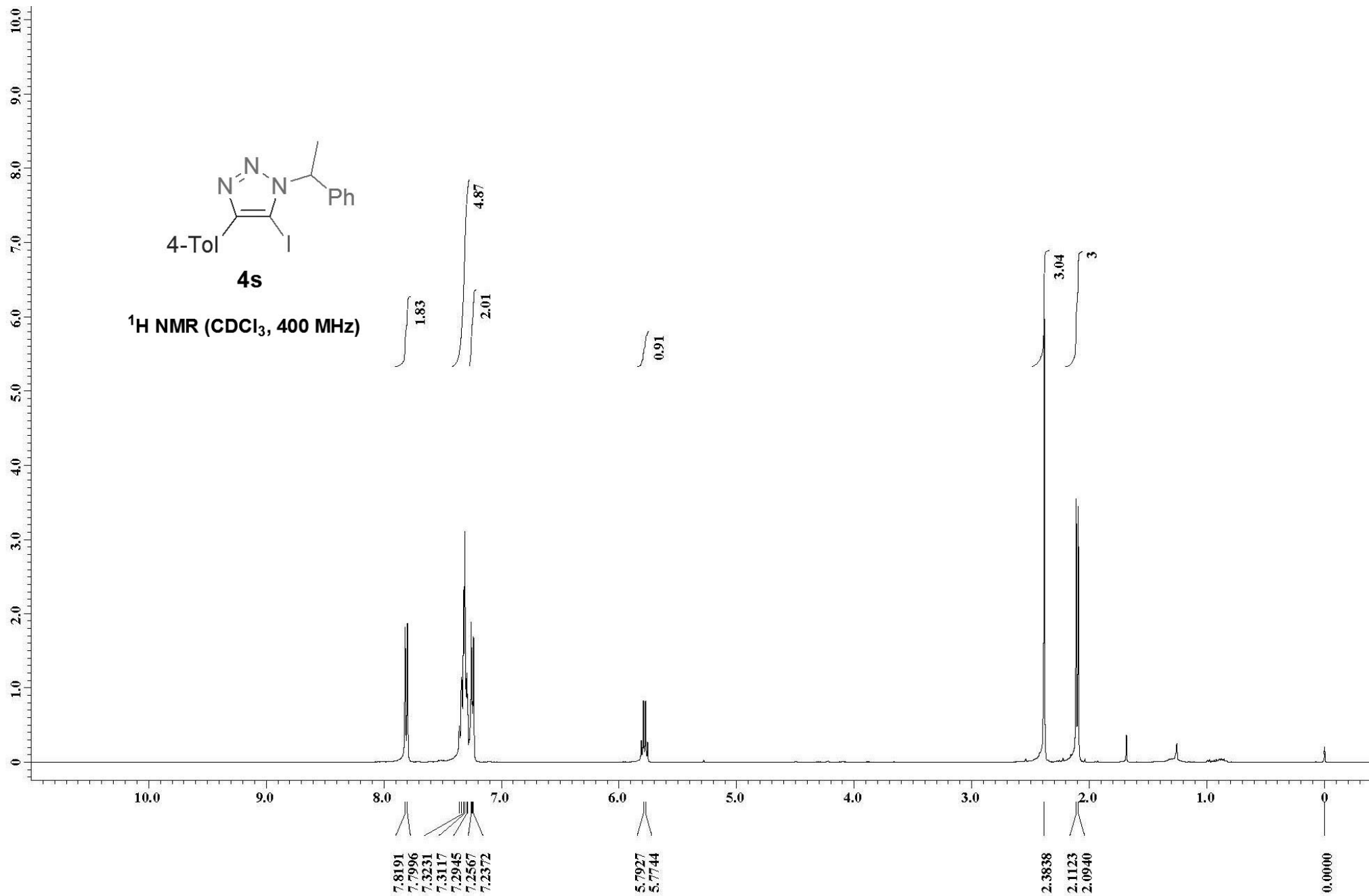


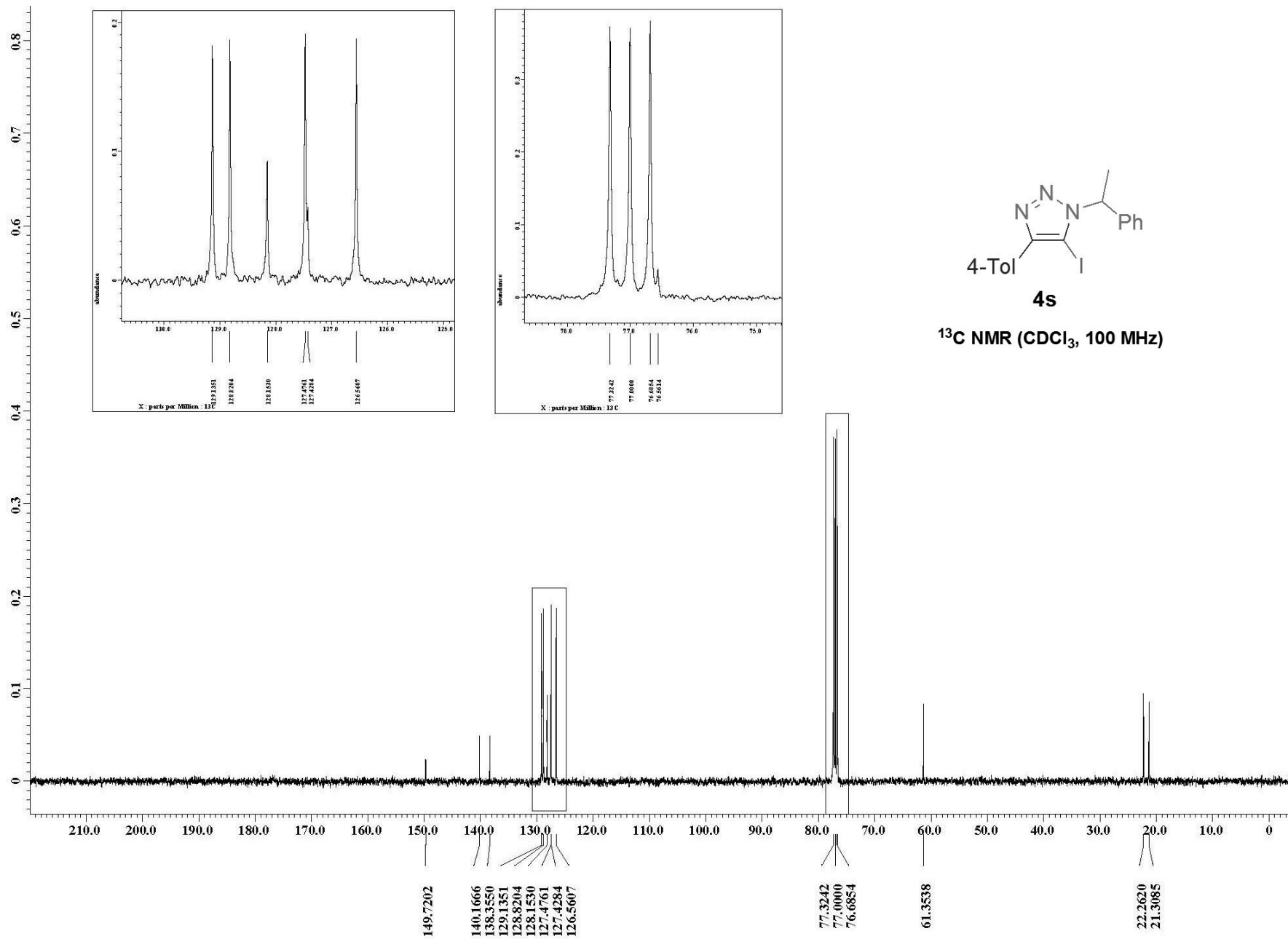


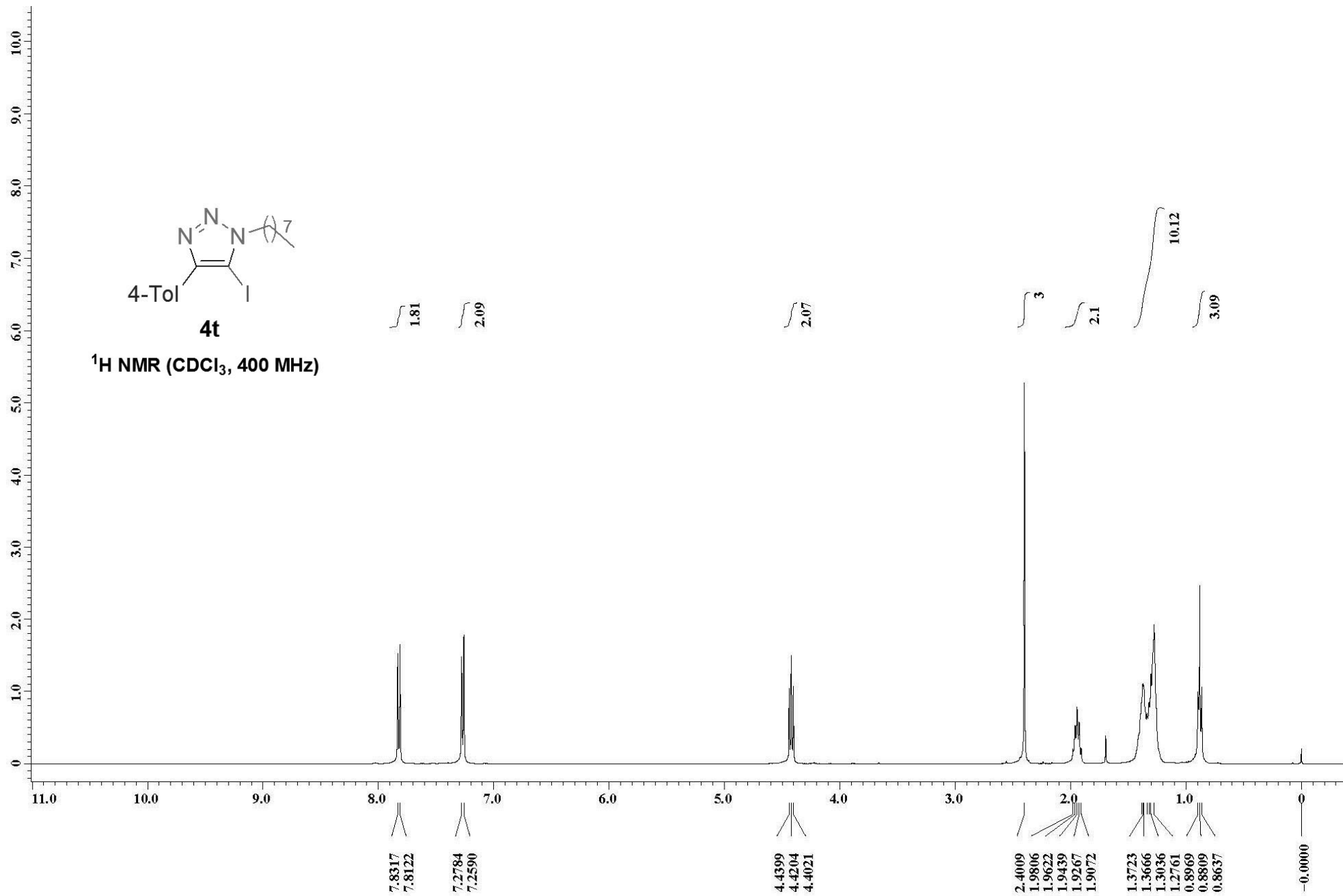


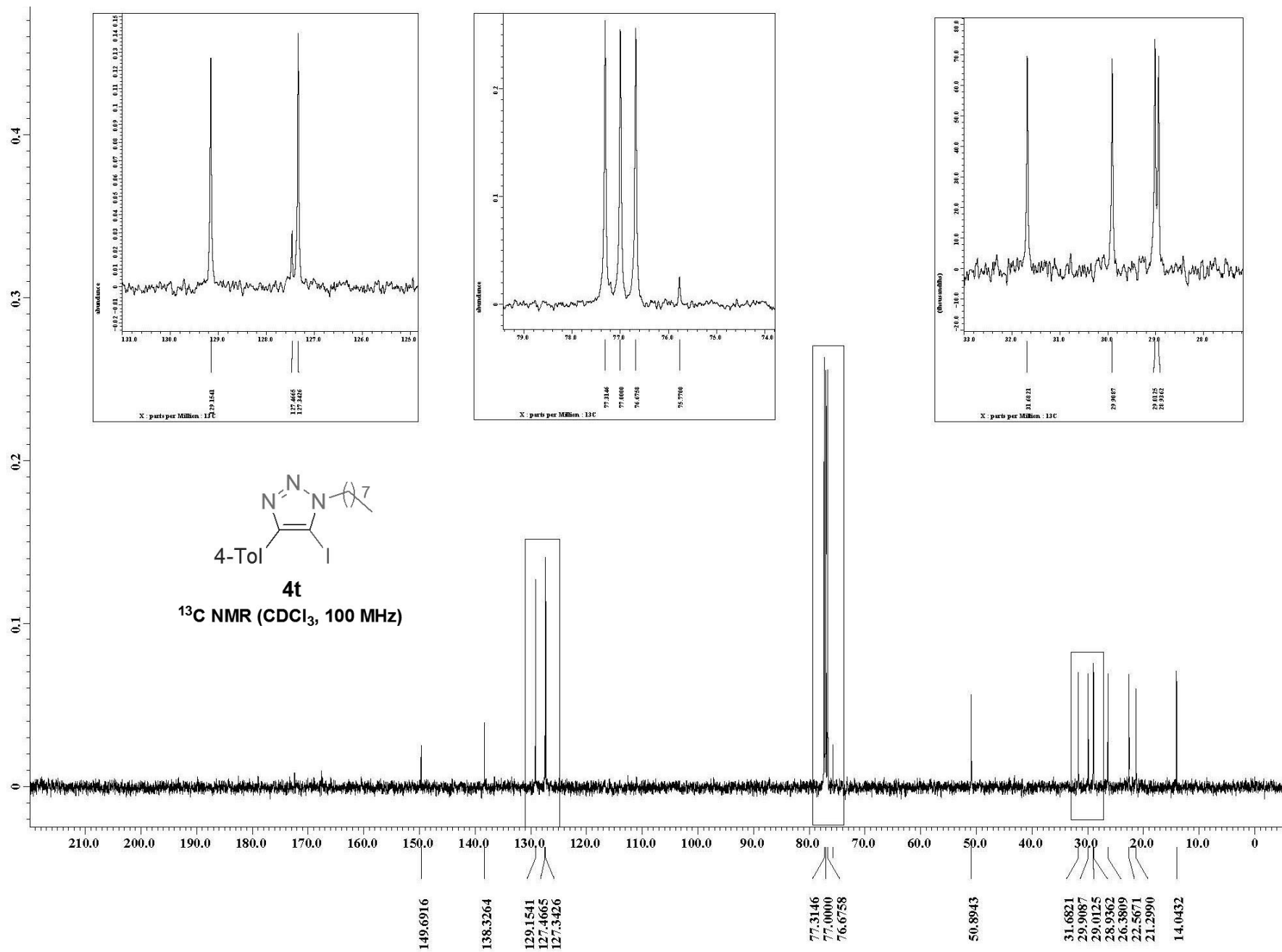


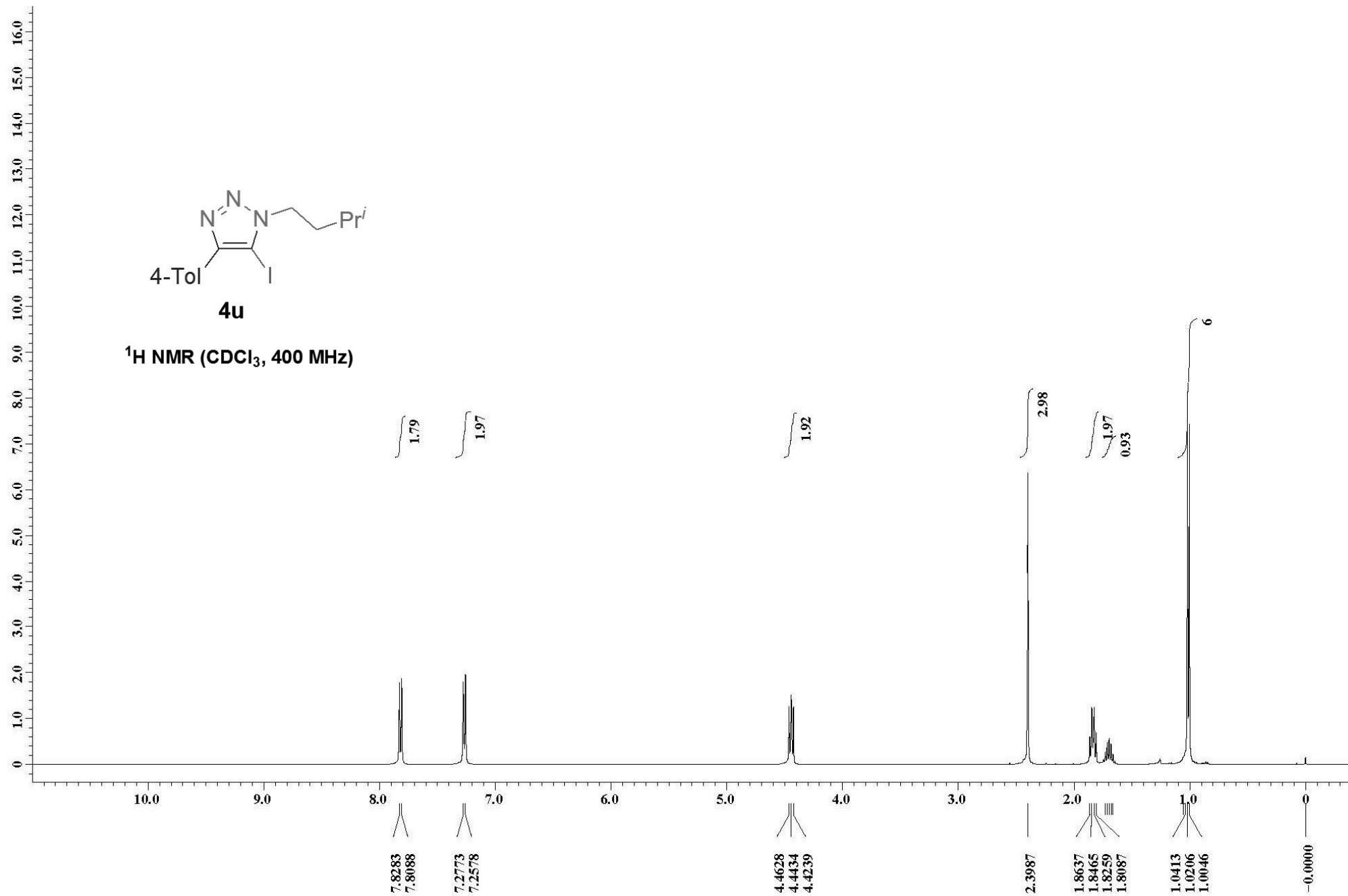


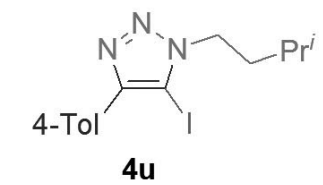
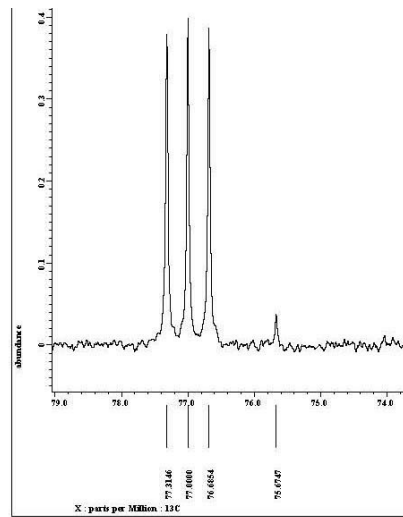
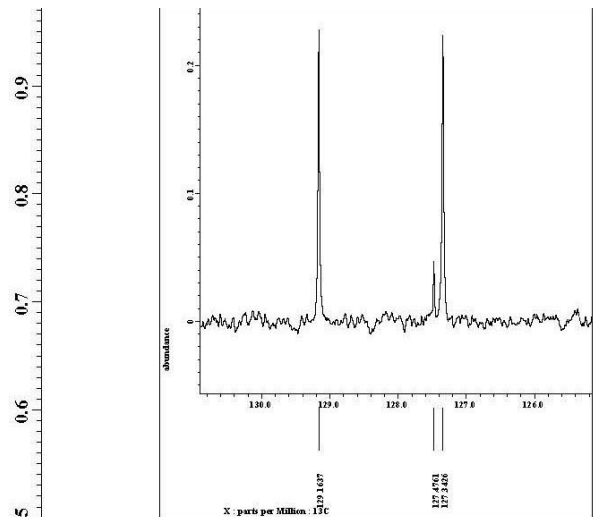












¹³C NMR (CDCl₃, 100 MHz)

