

# The Sulfonadyns: a class of aryl sulfonamides inhibiting dynamin I GTPase and clathrin mediated endocytosis are anti-seizure in animal models

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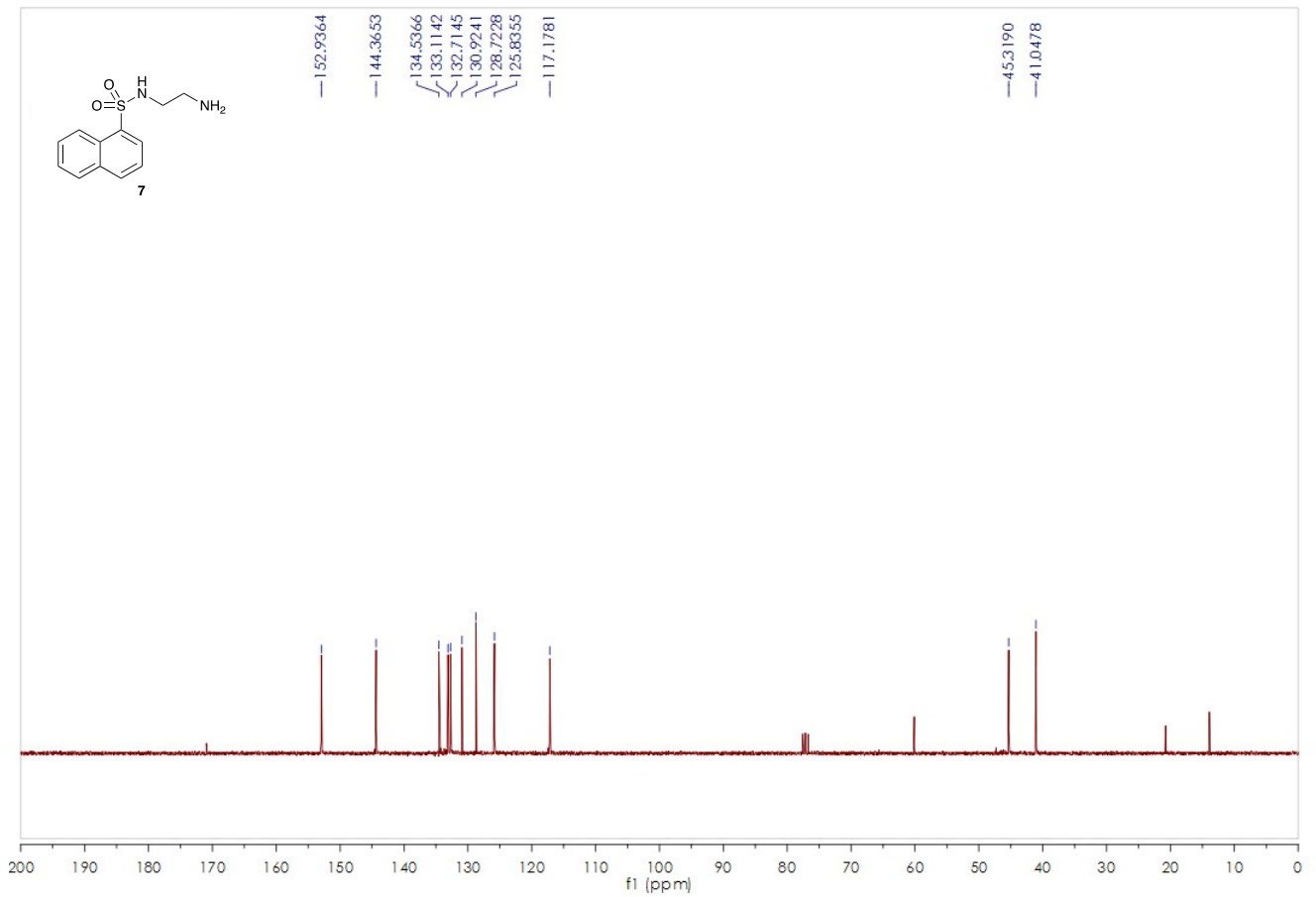
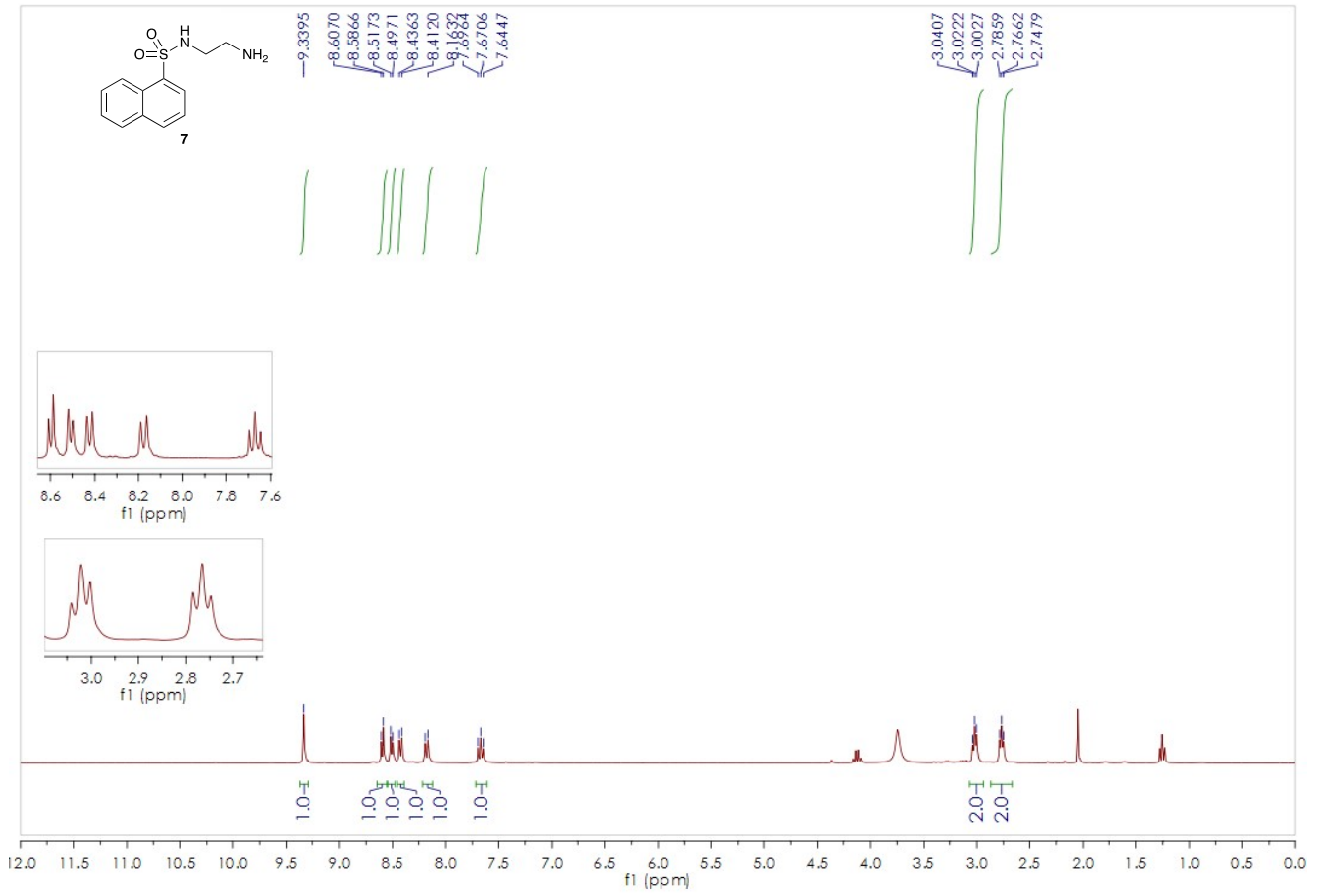
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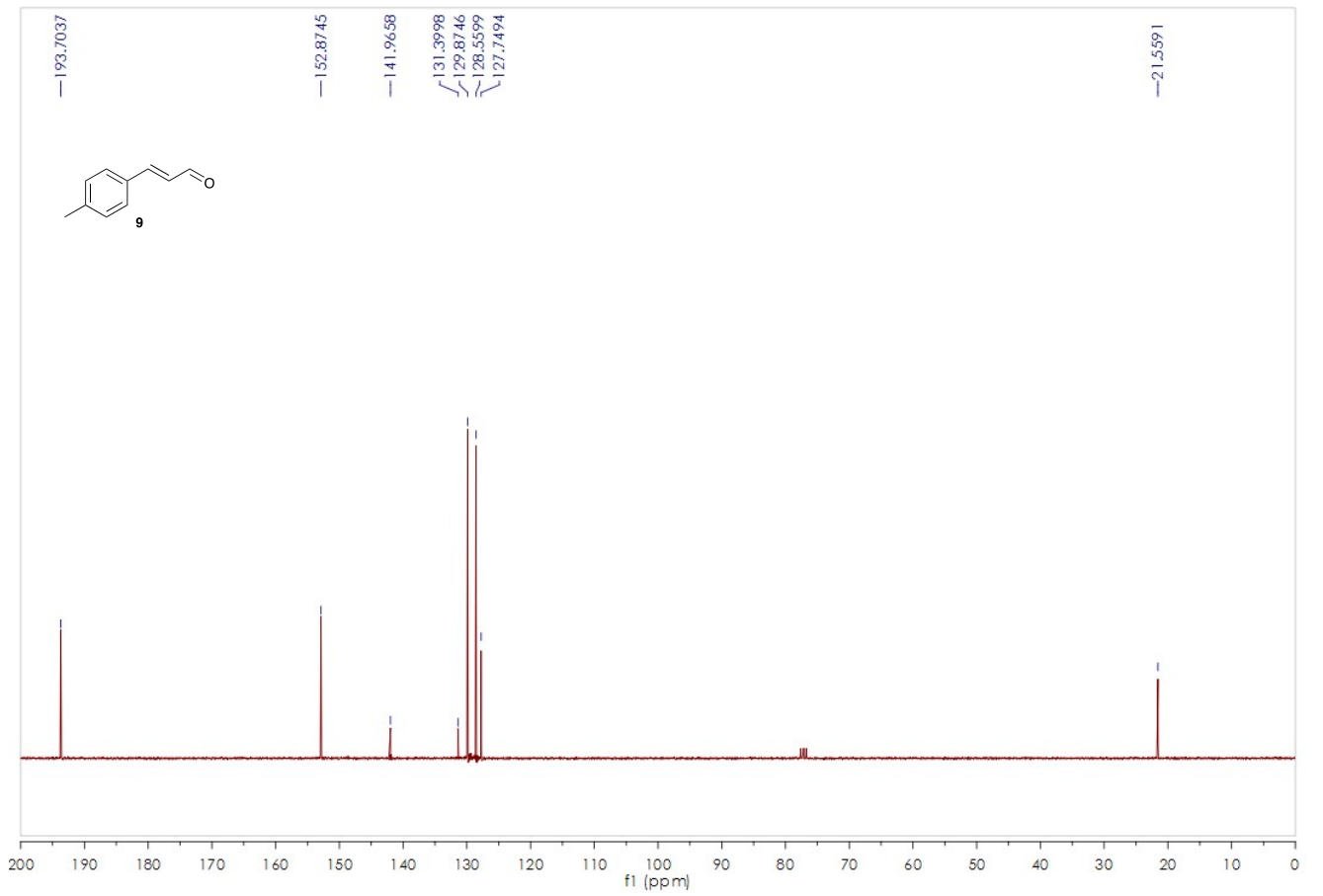
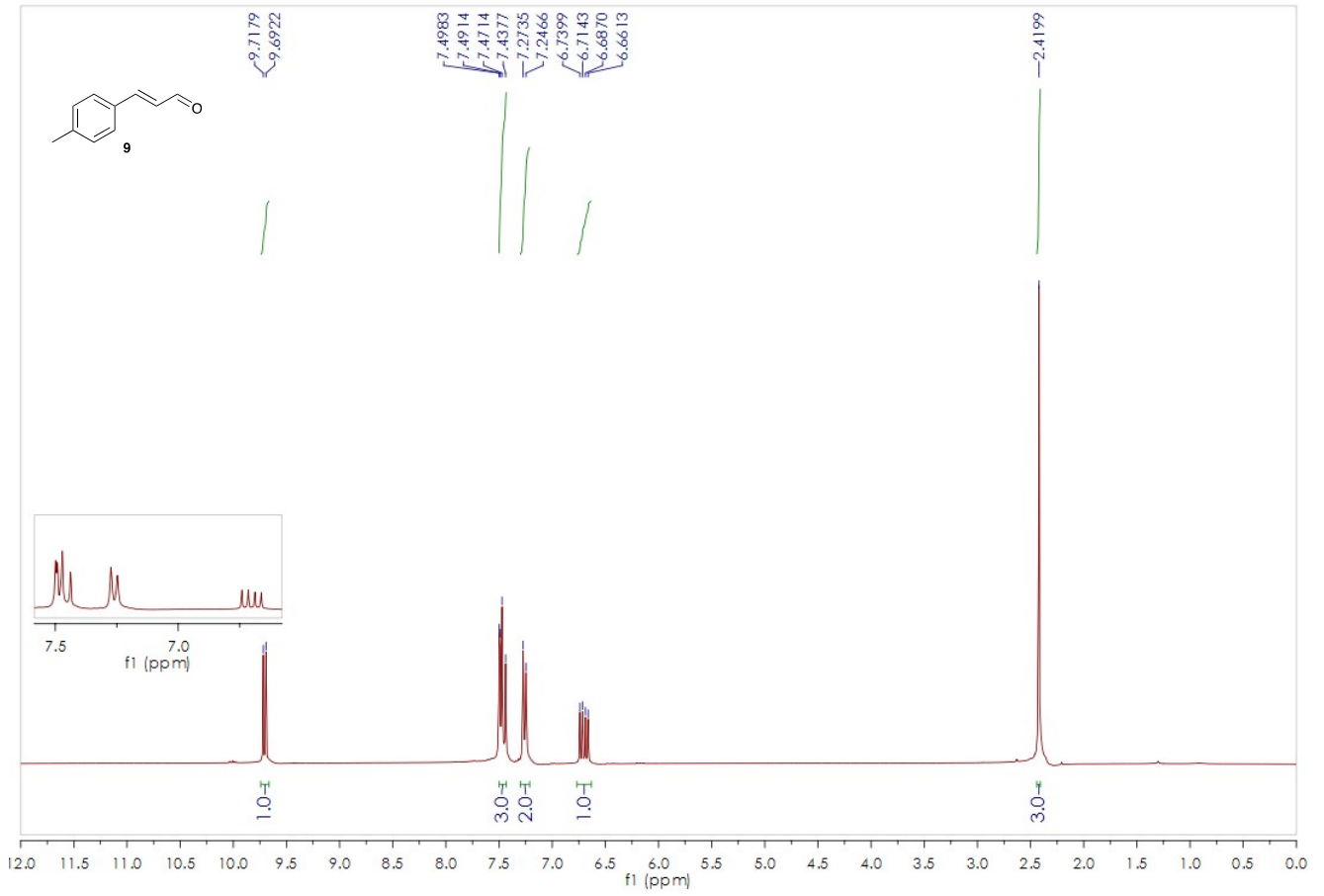
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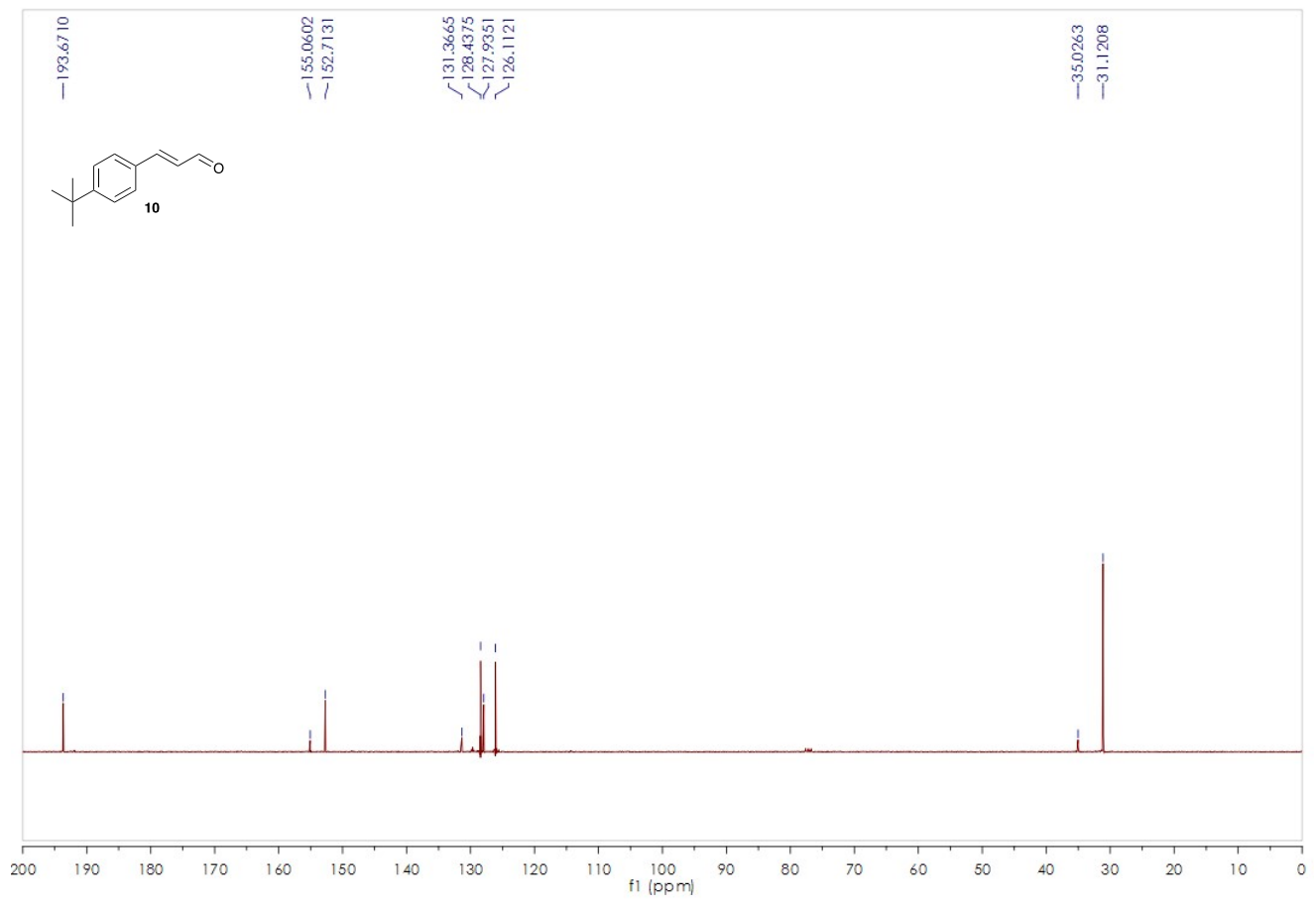
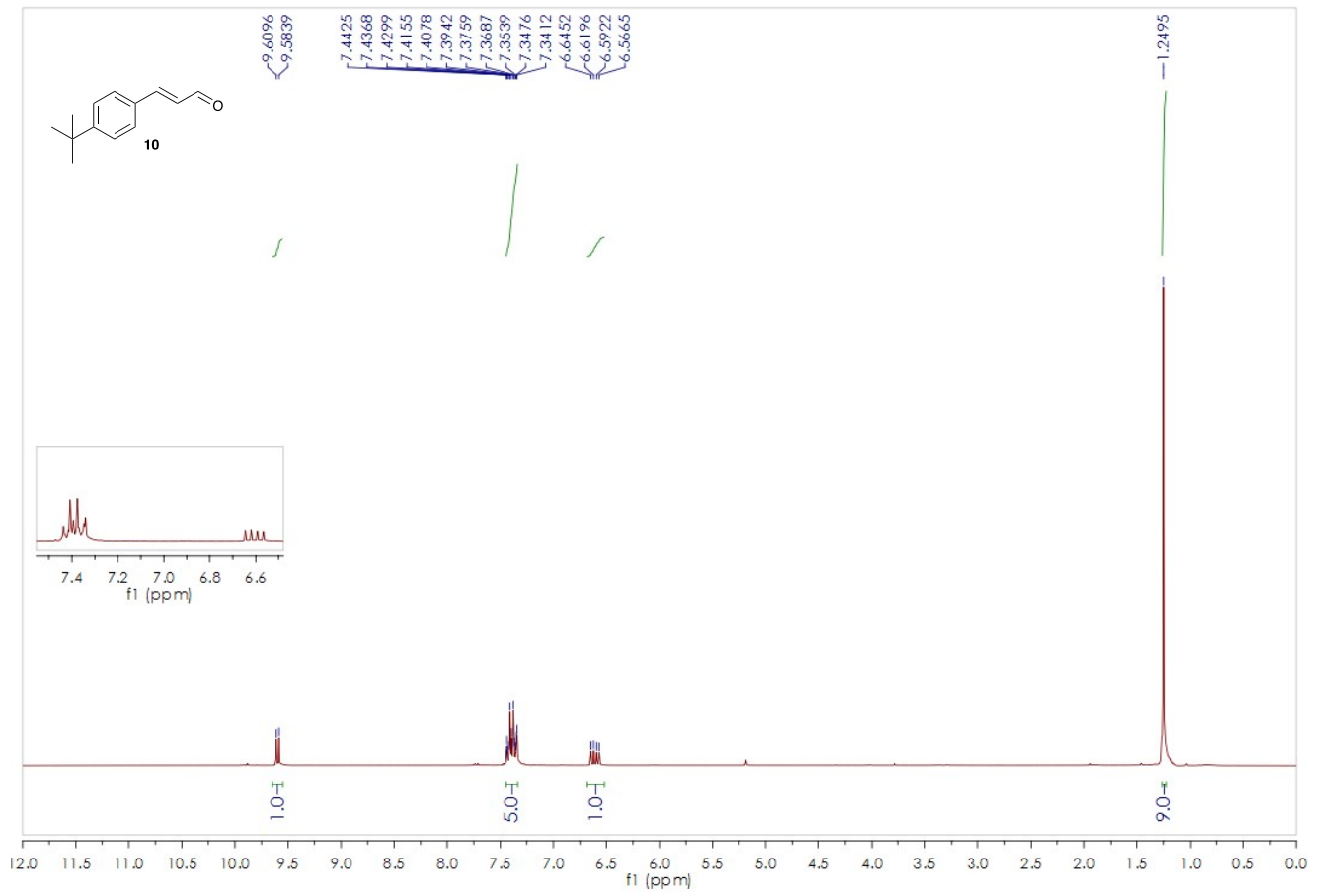
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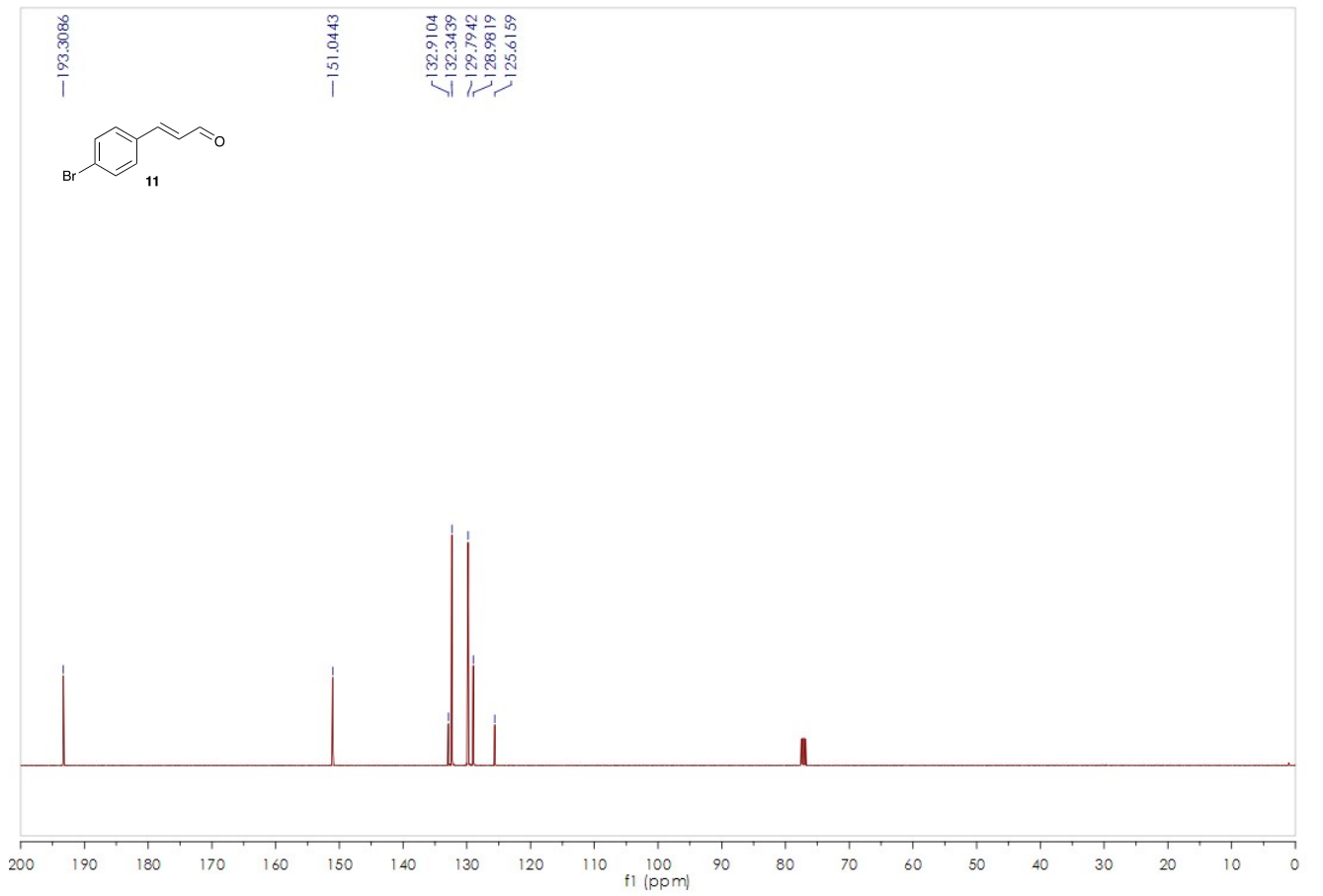
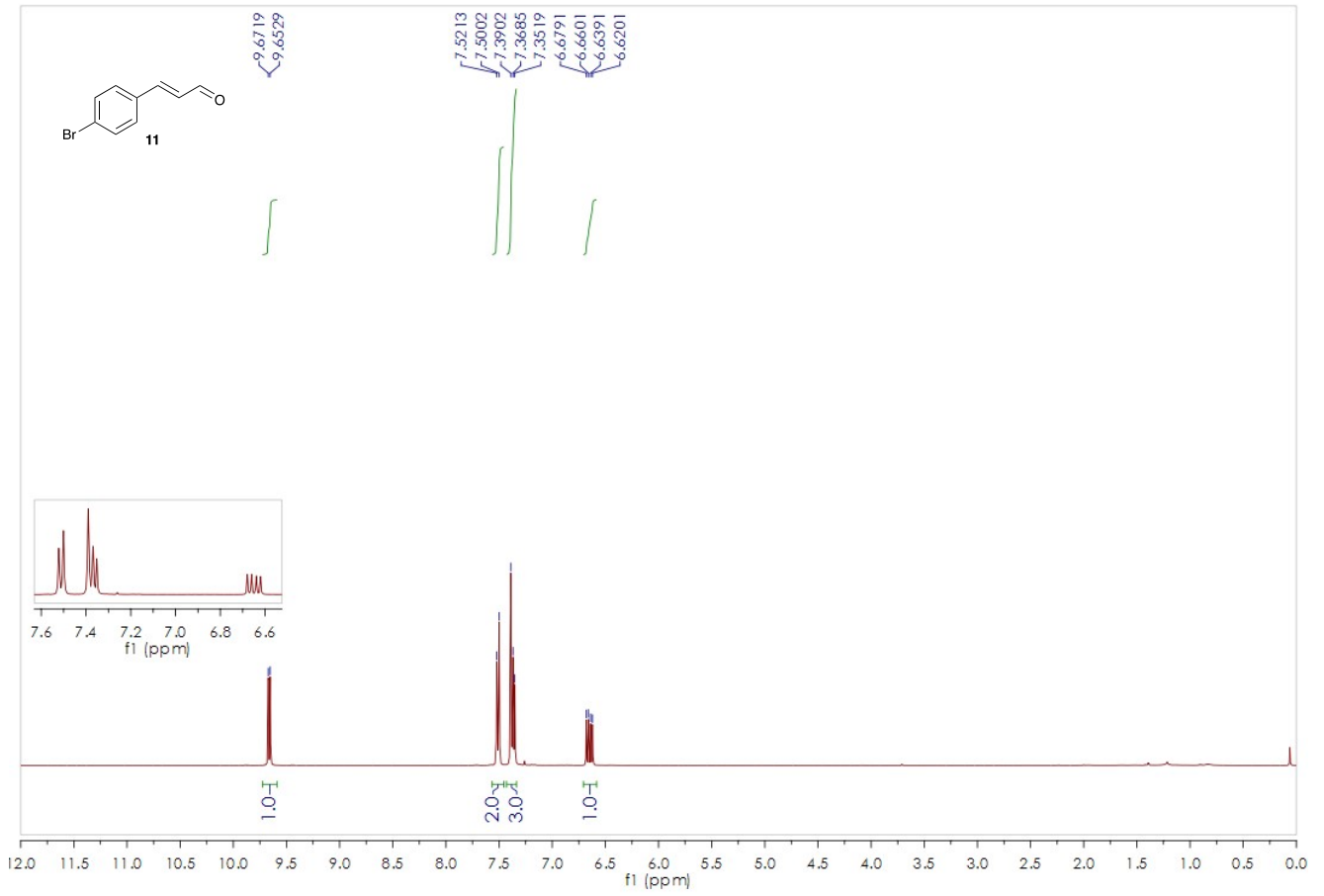
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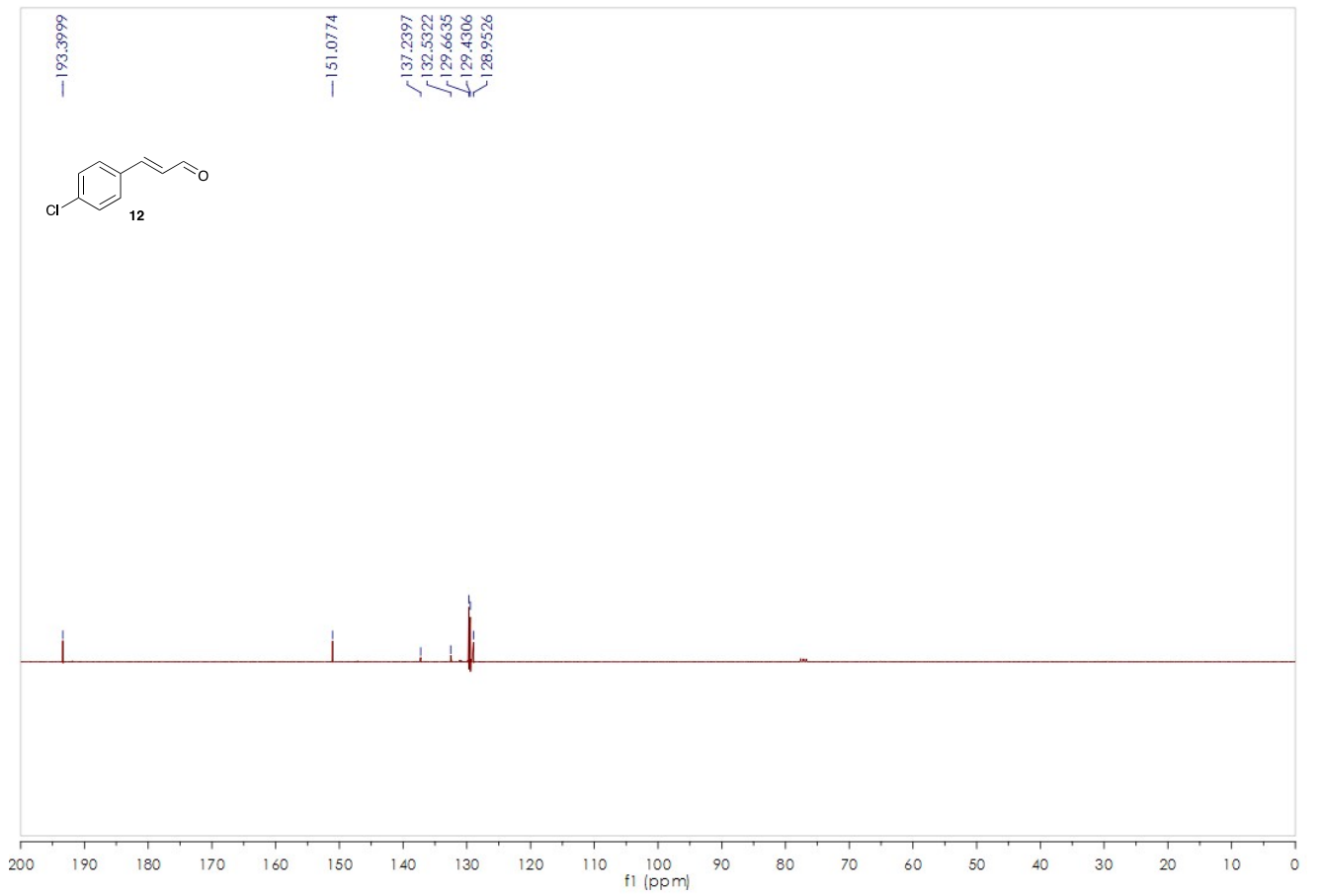
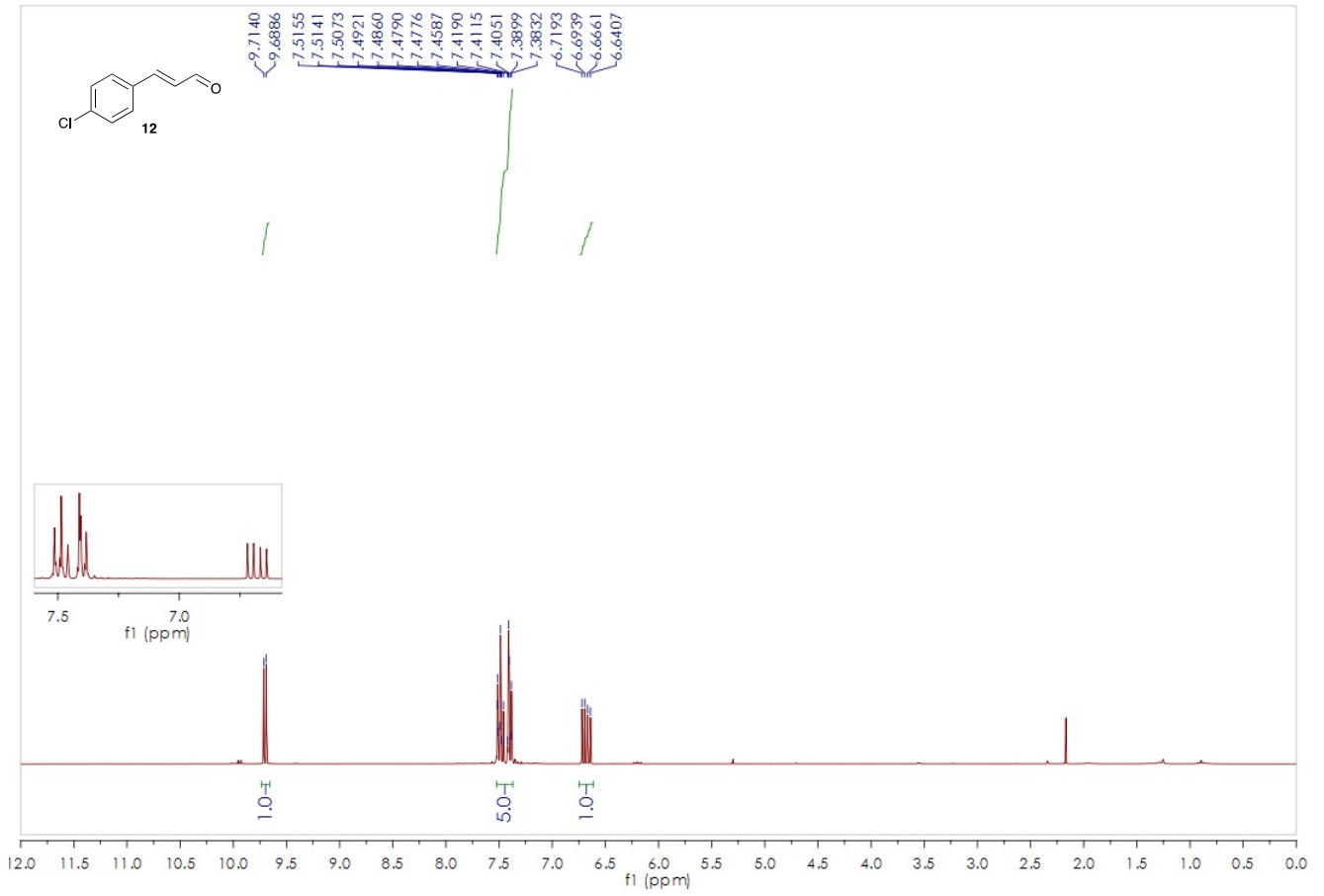


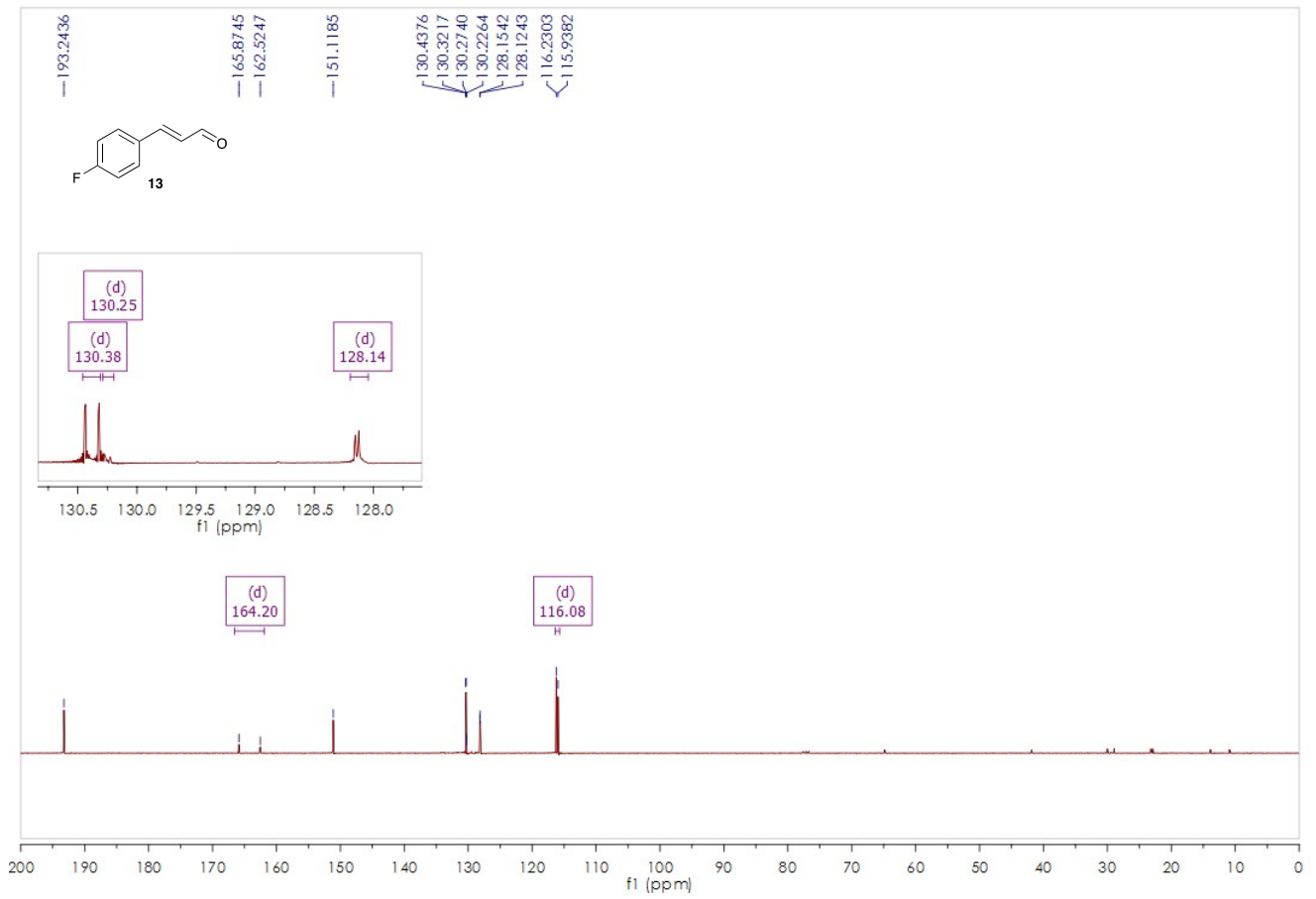
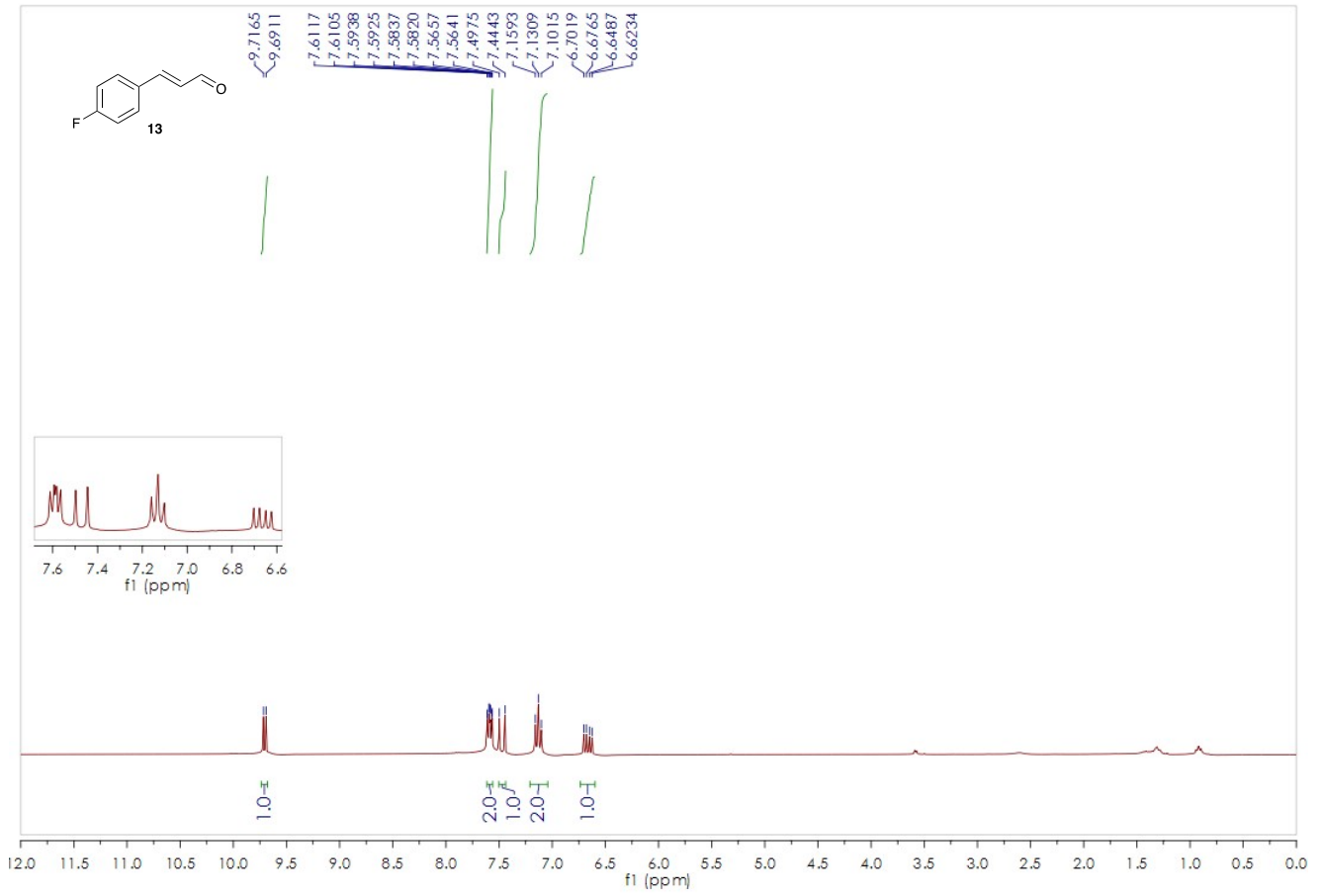


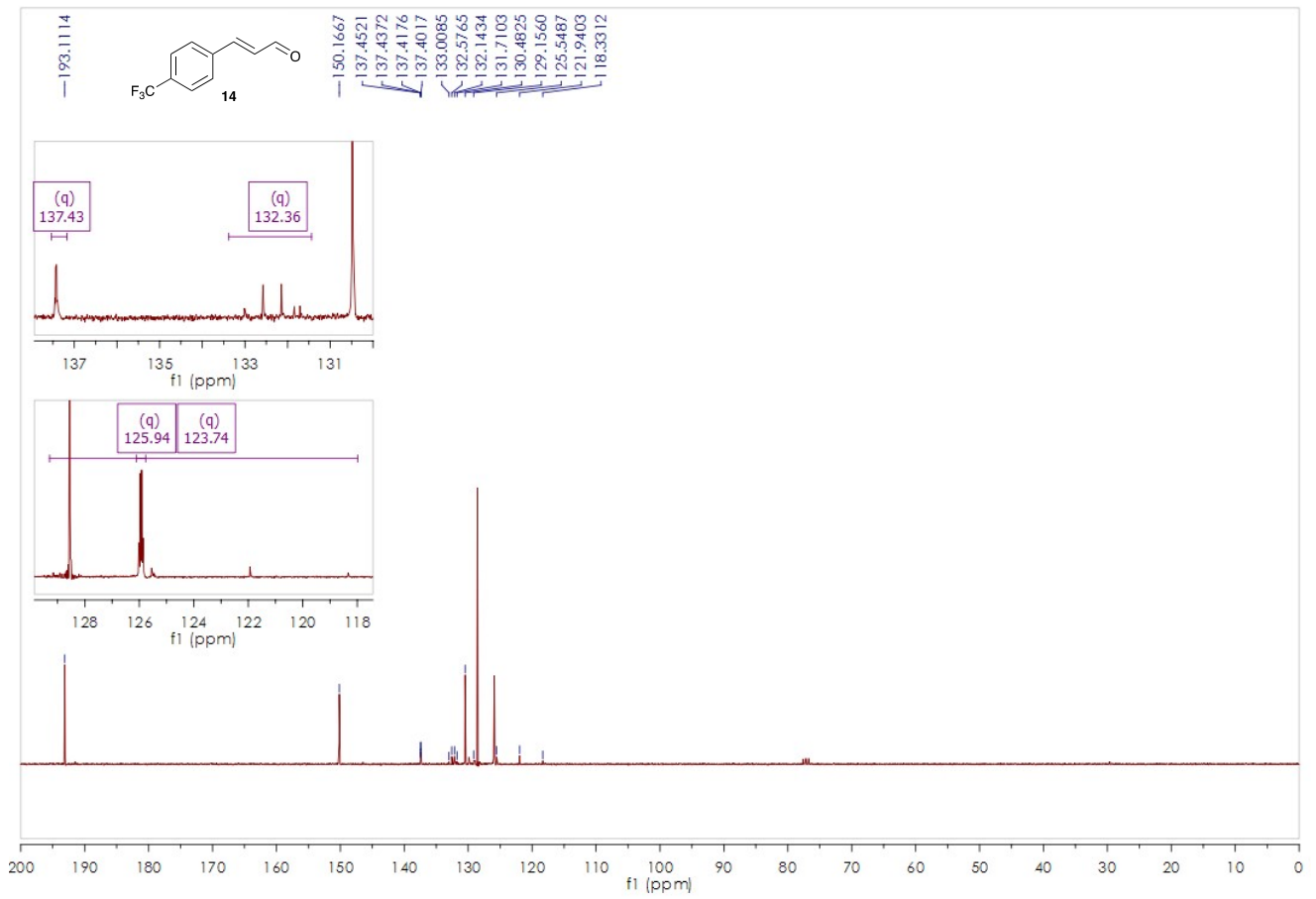
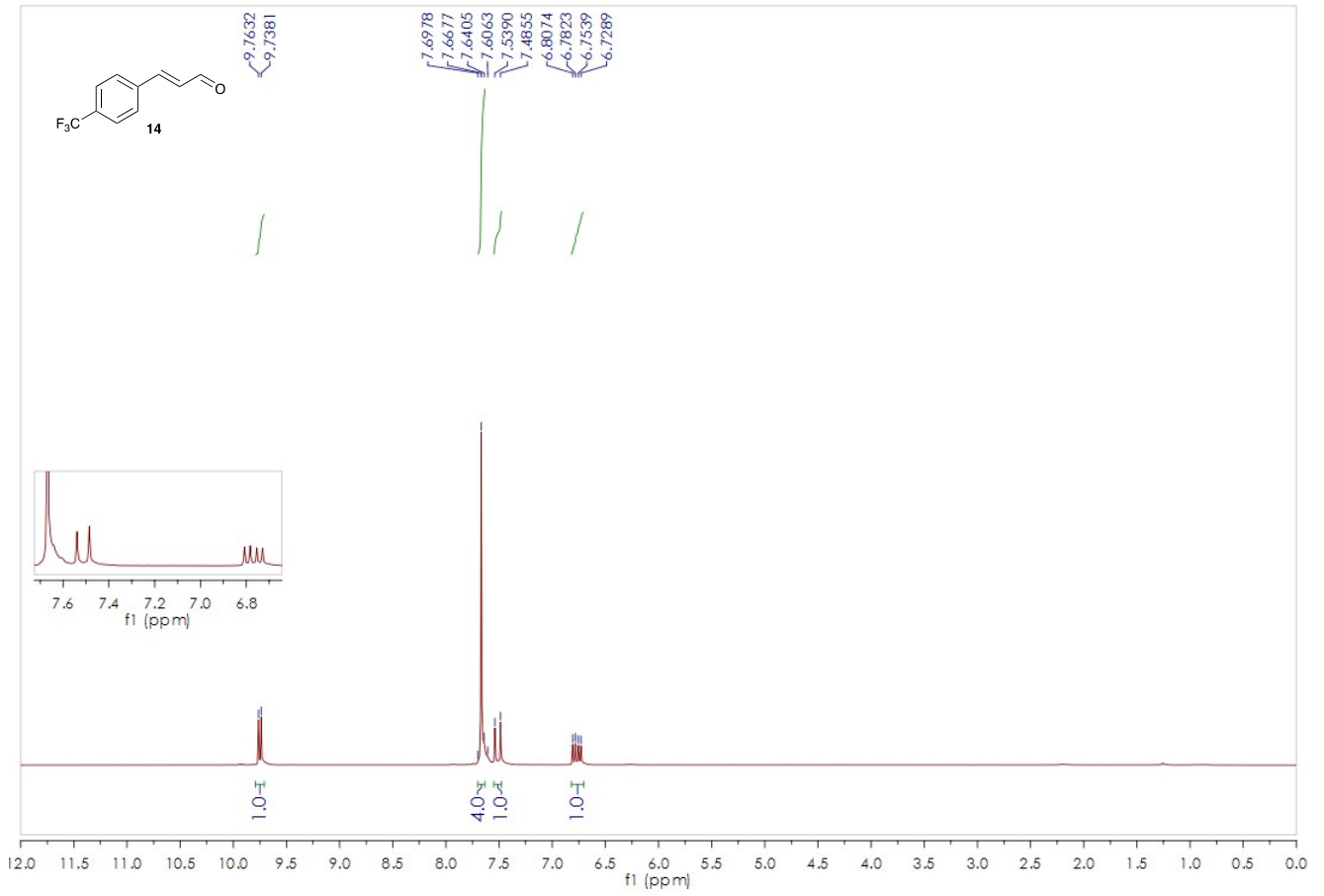


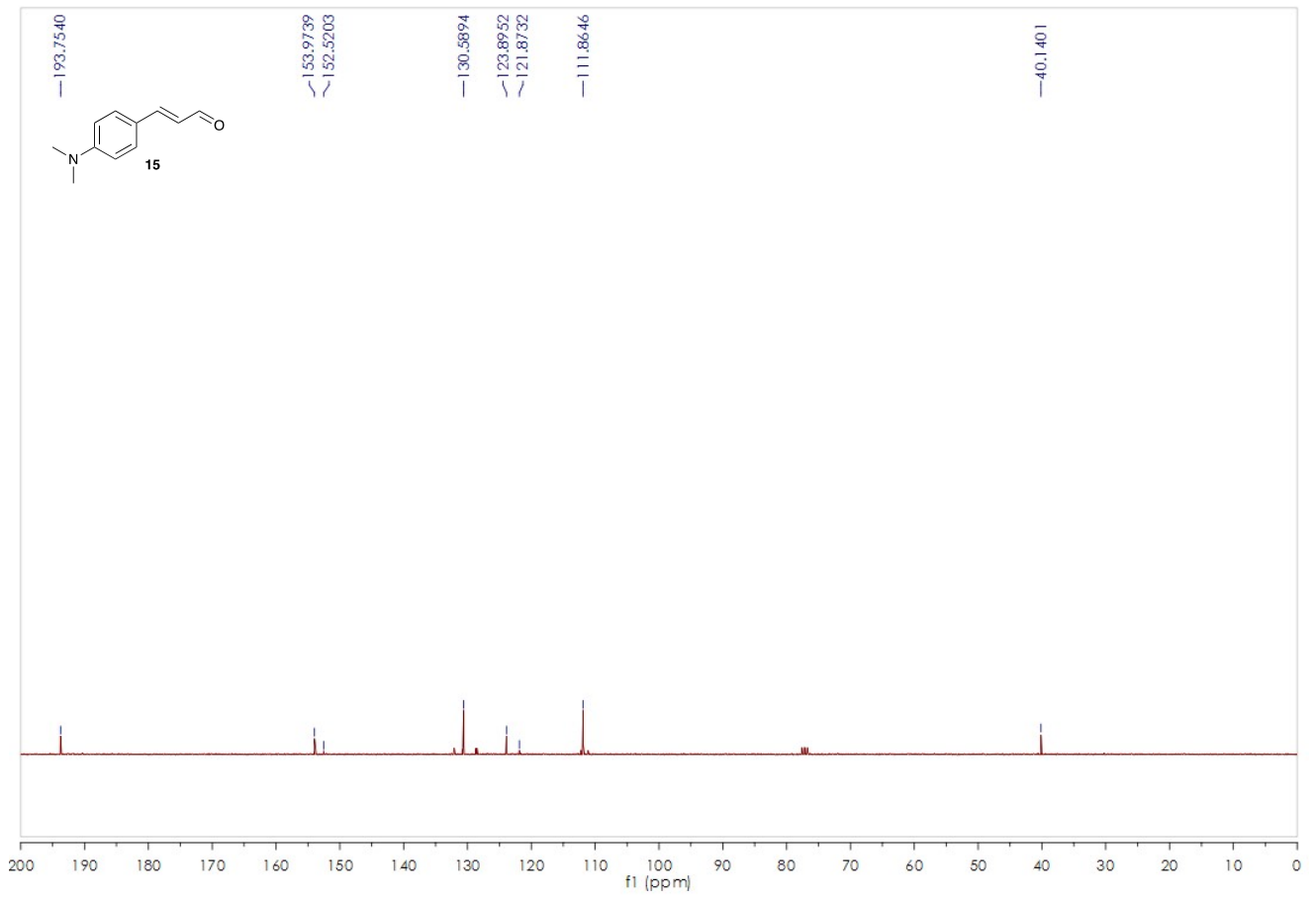
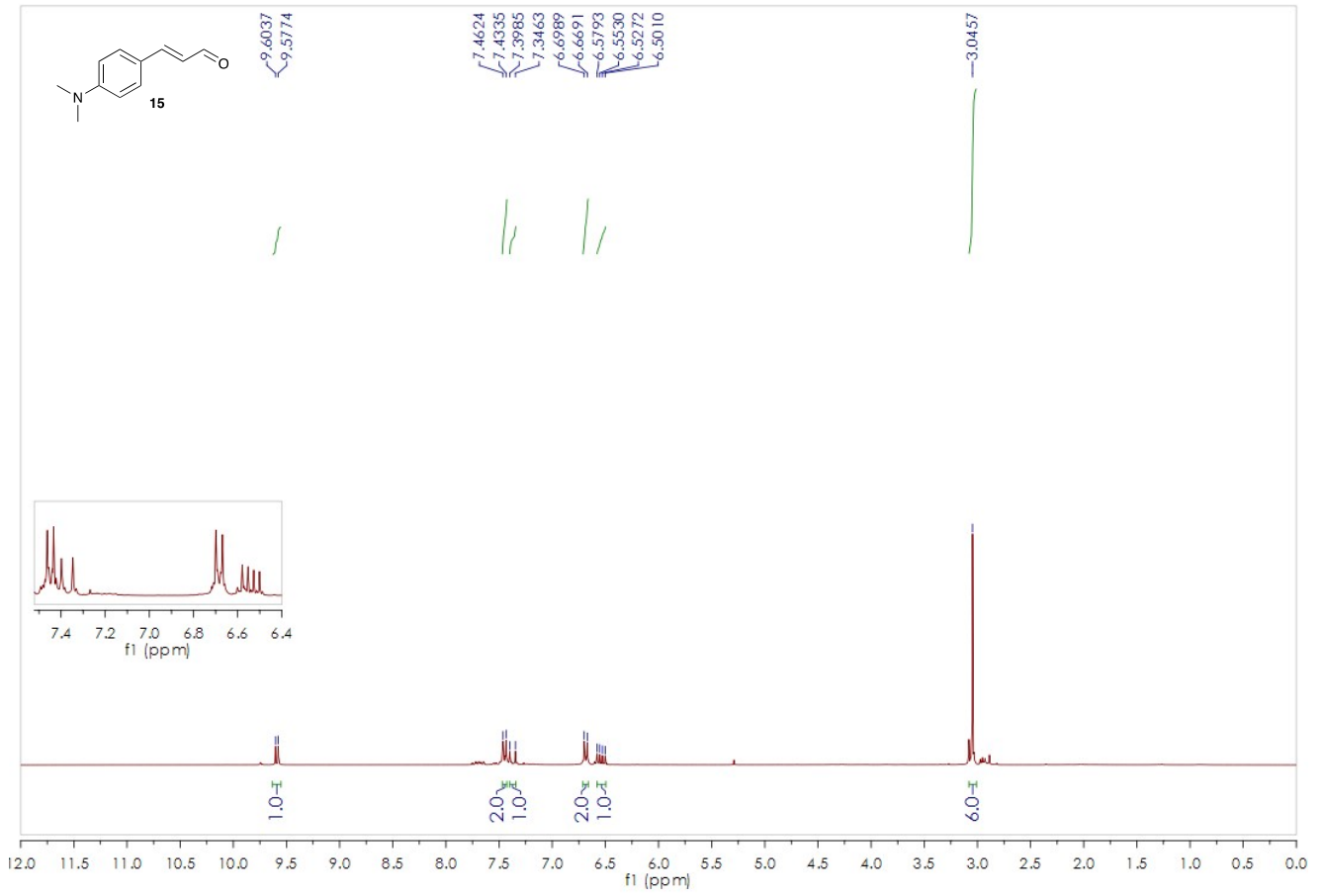


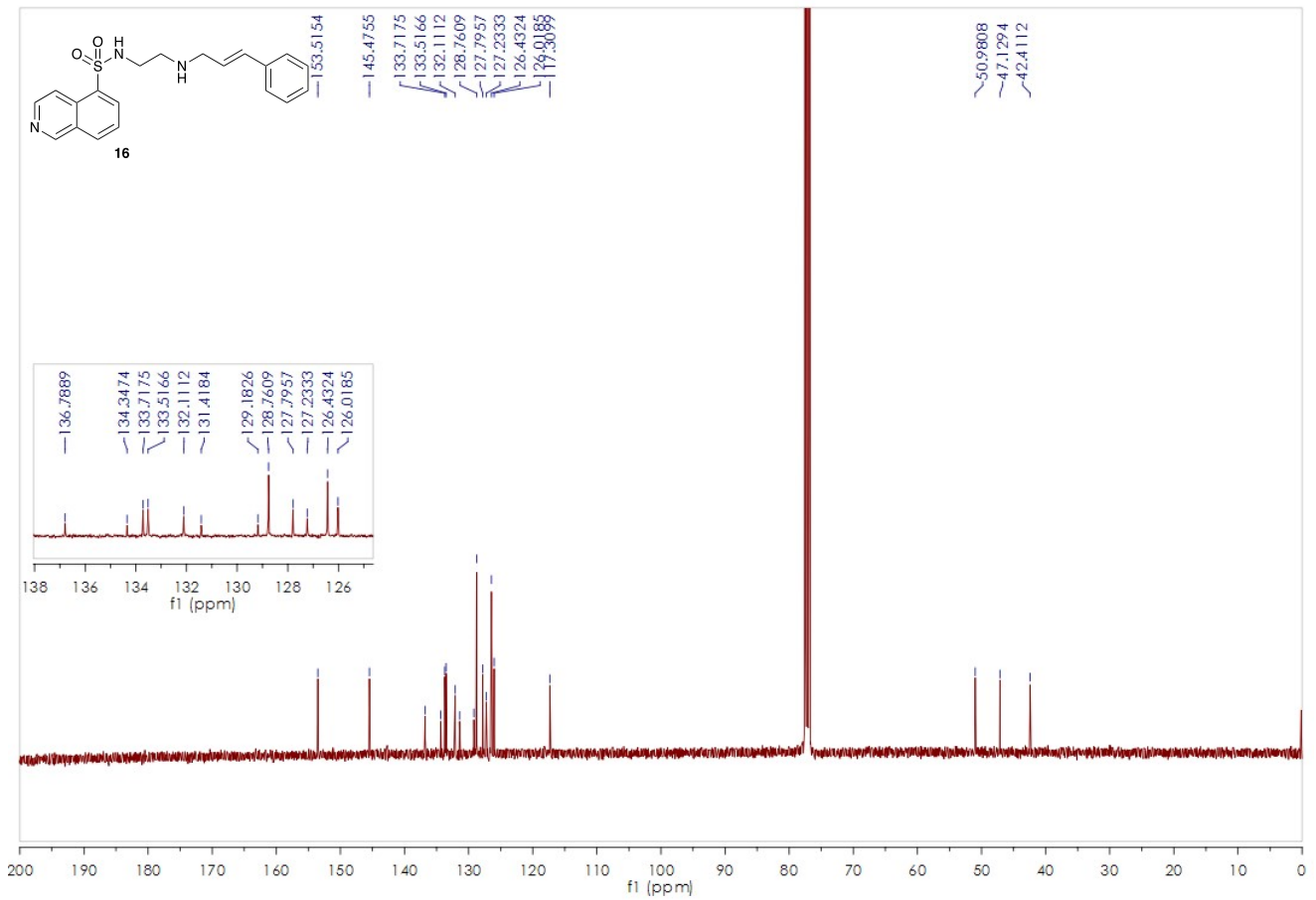
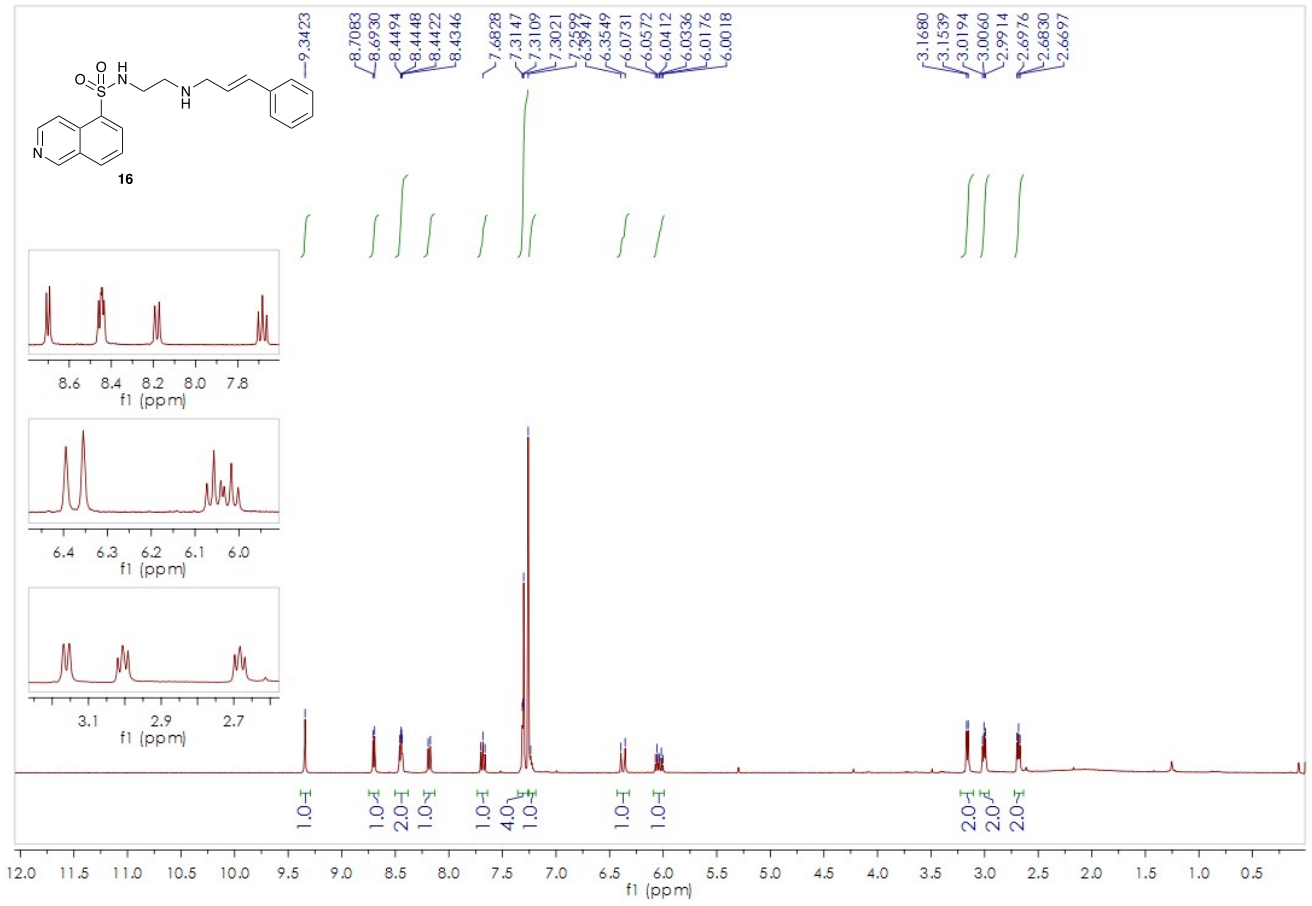


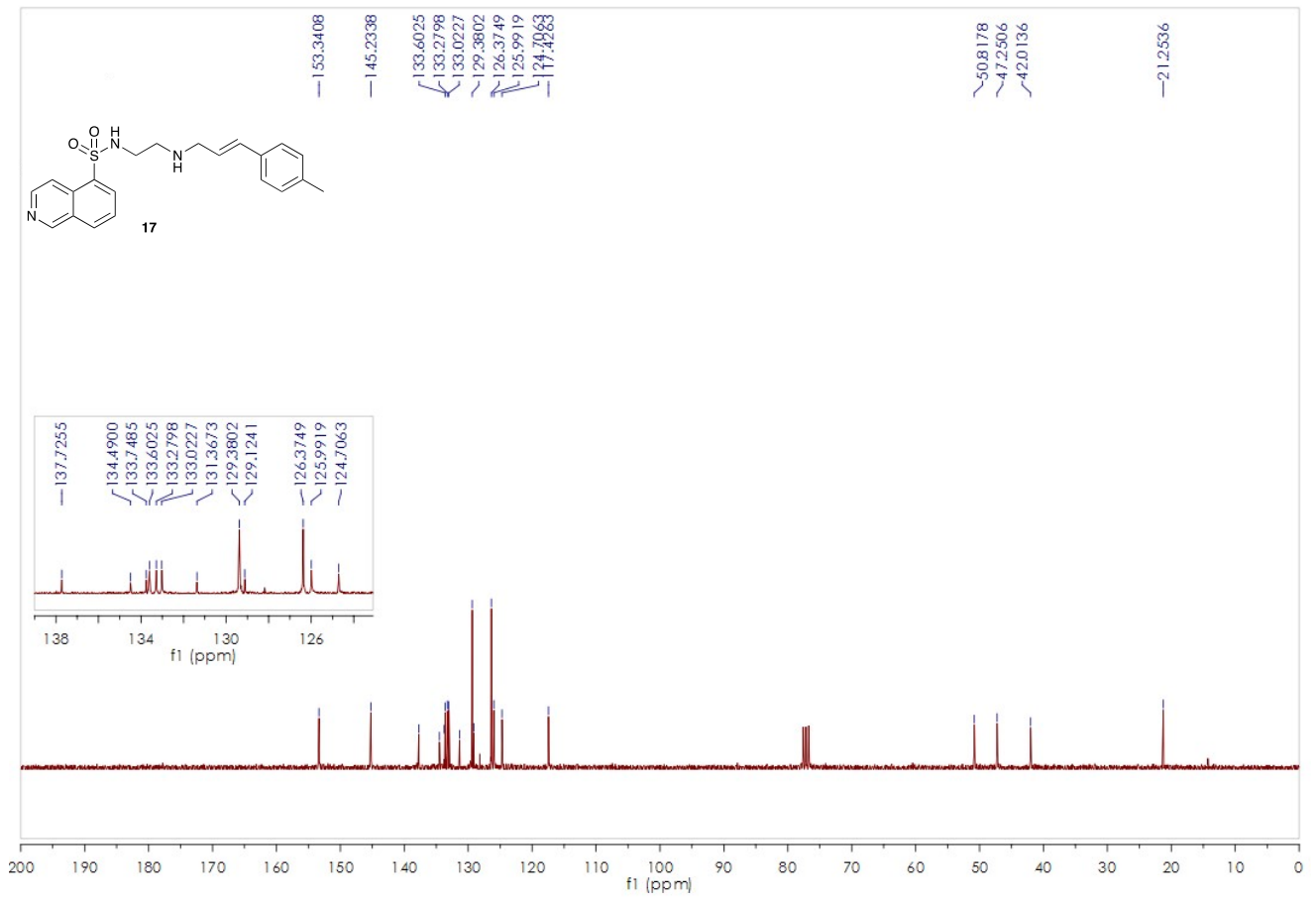
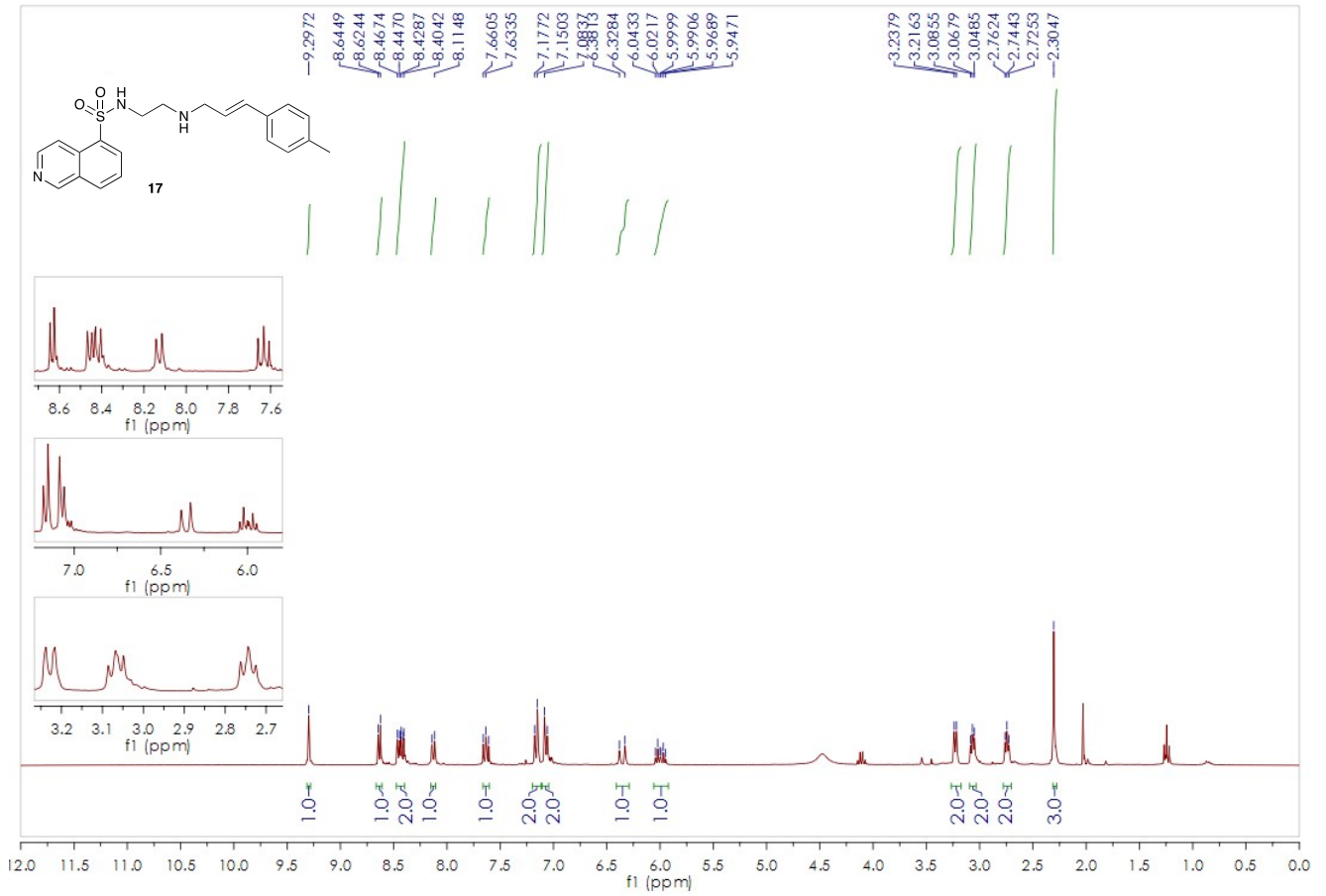


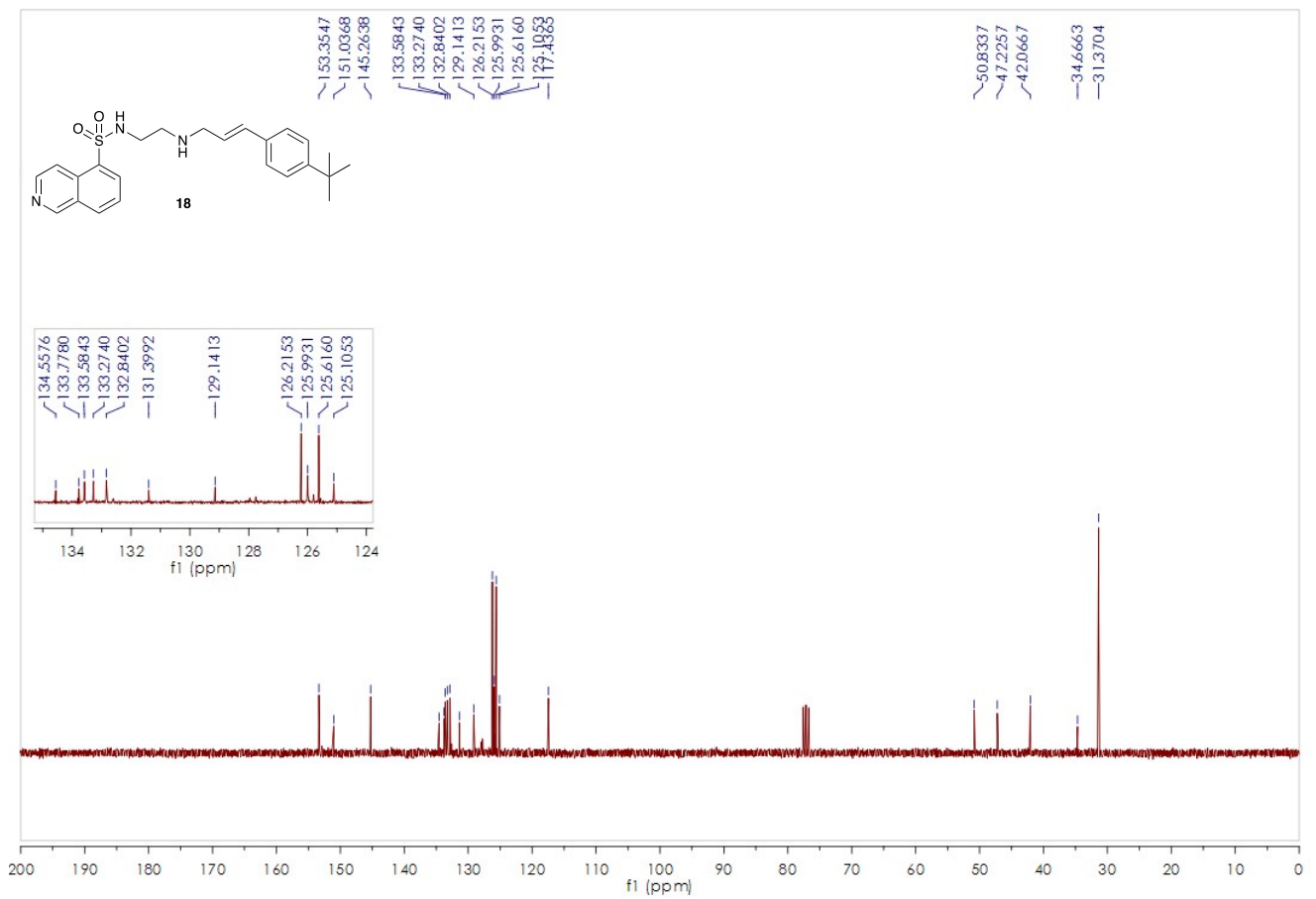
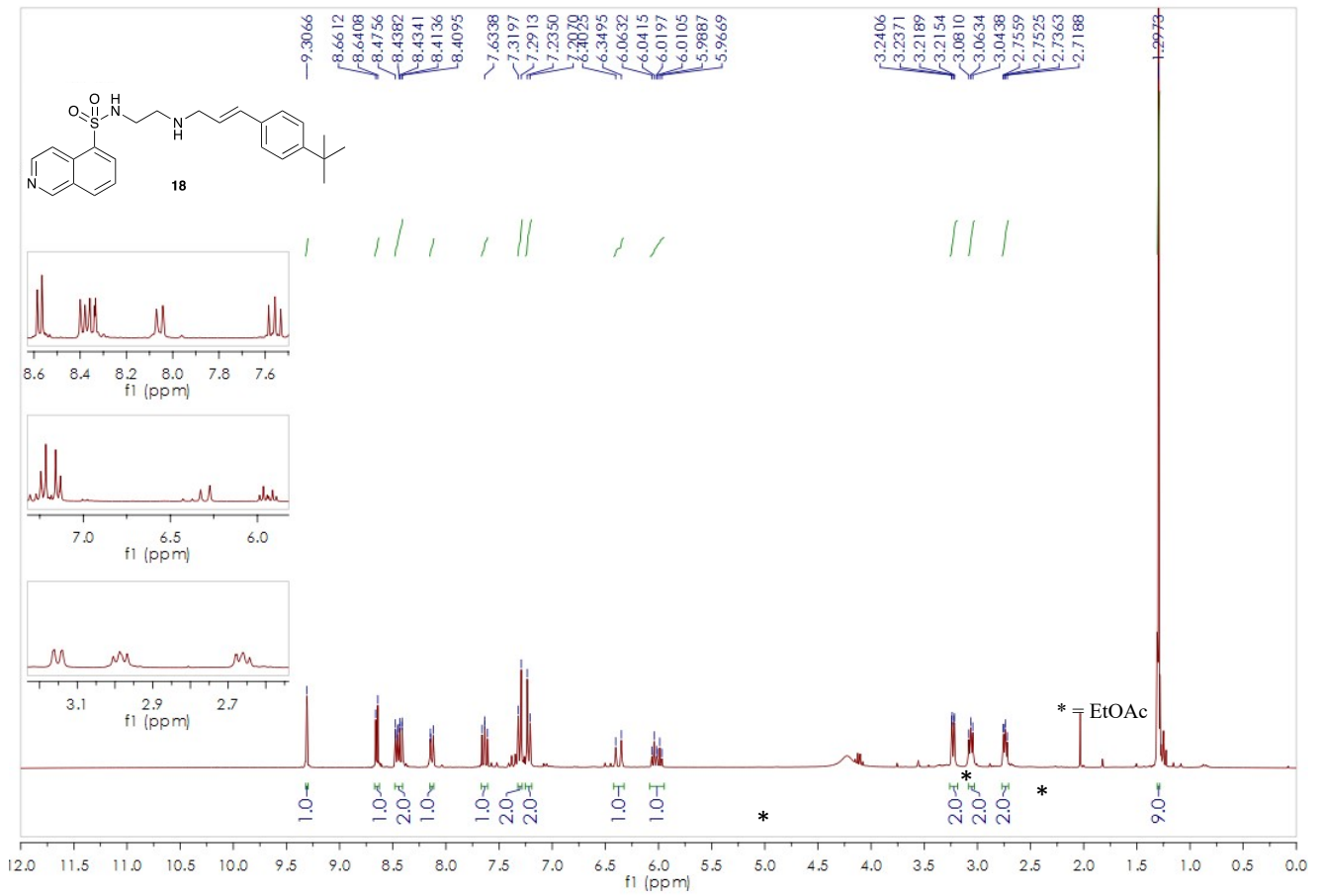




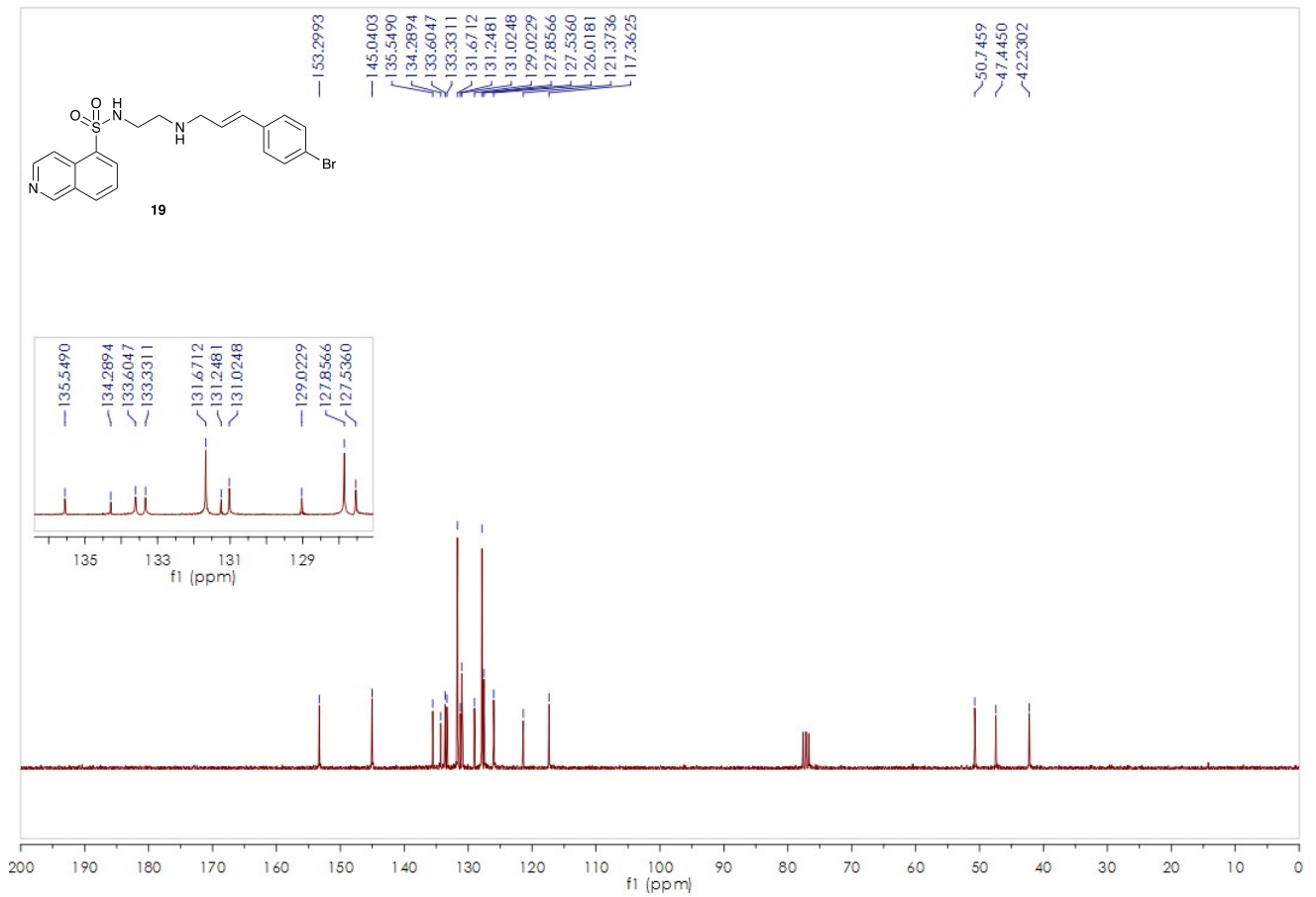
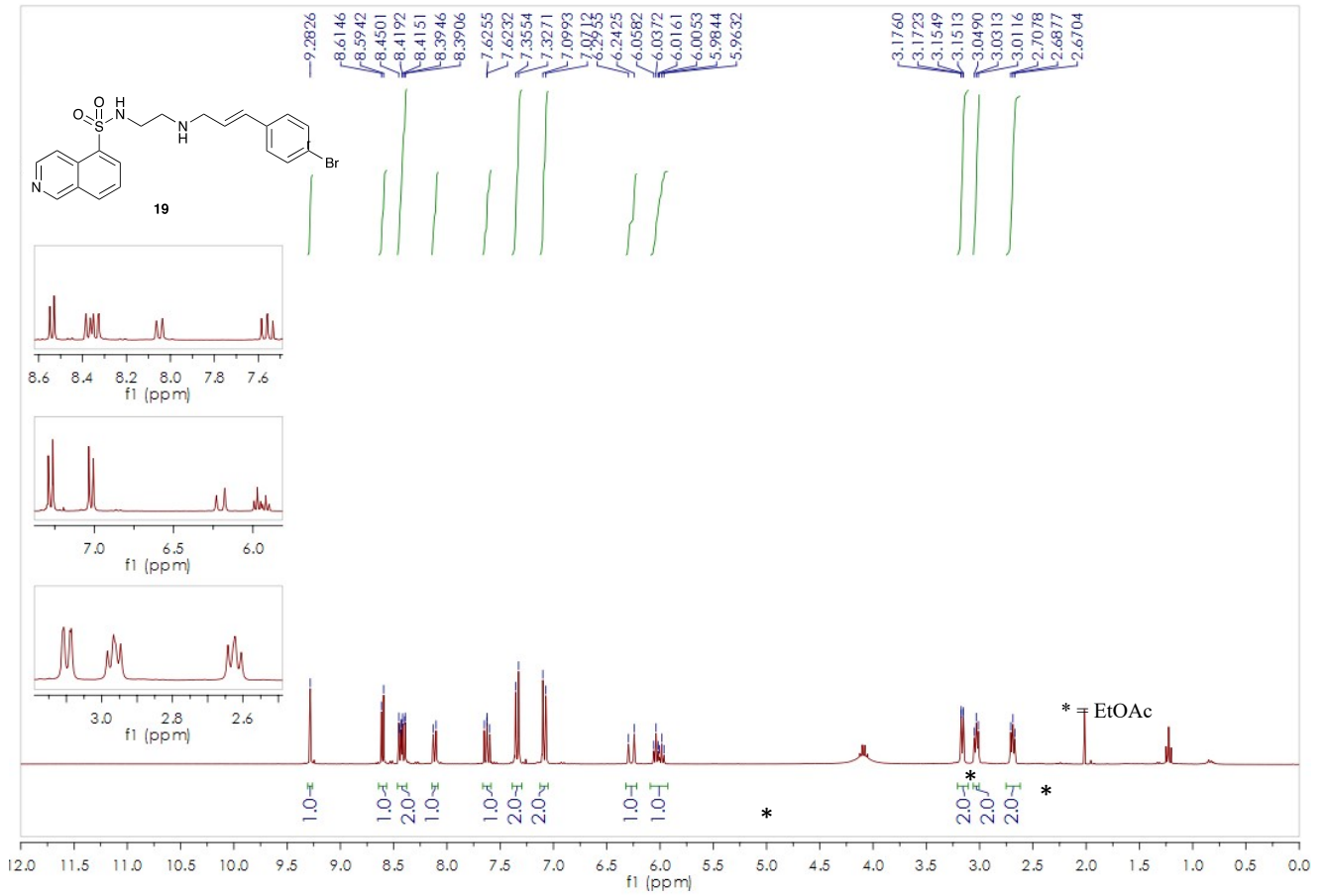


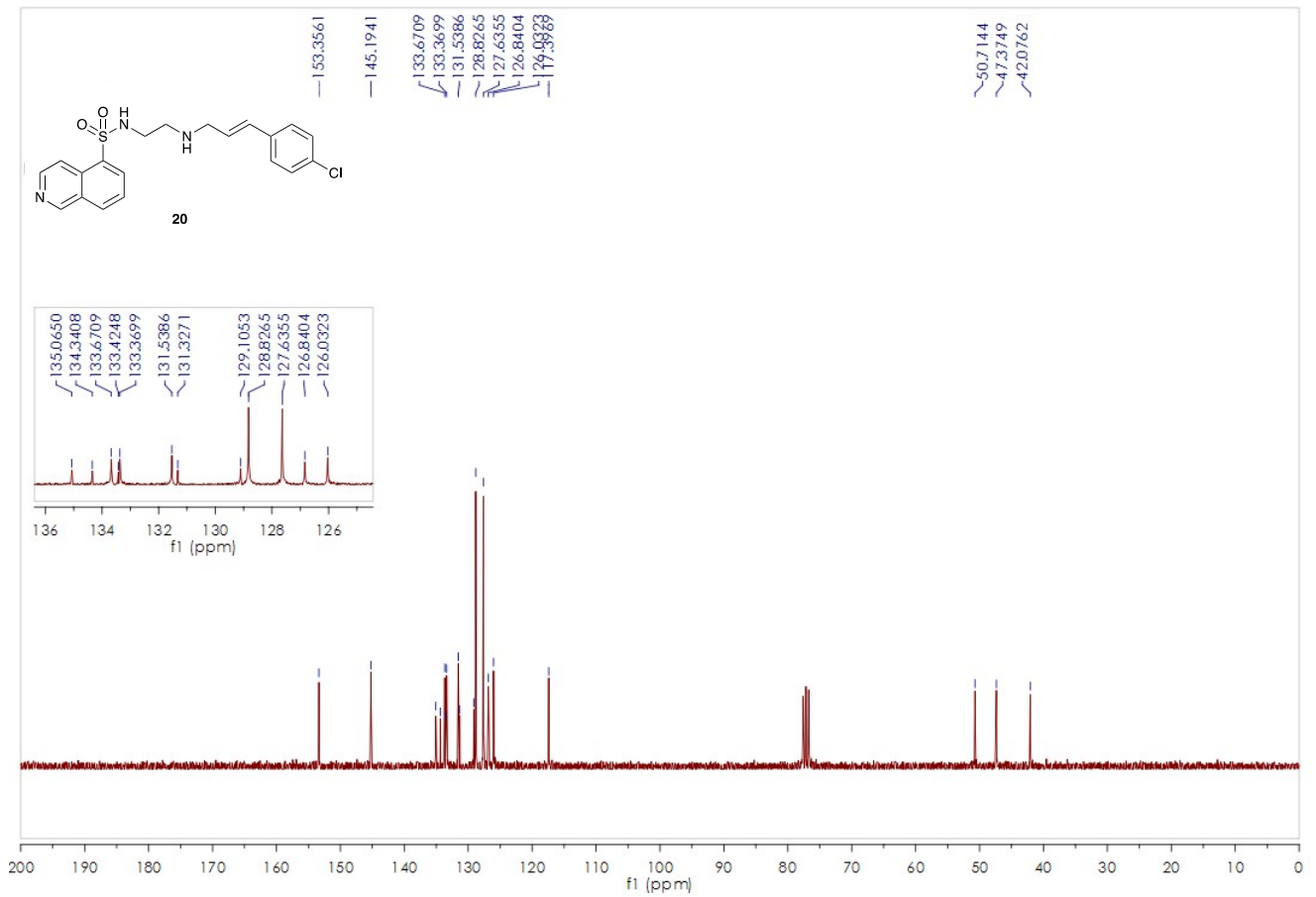
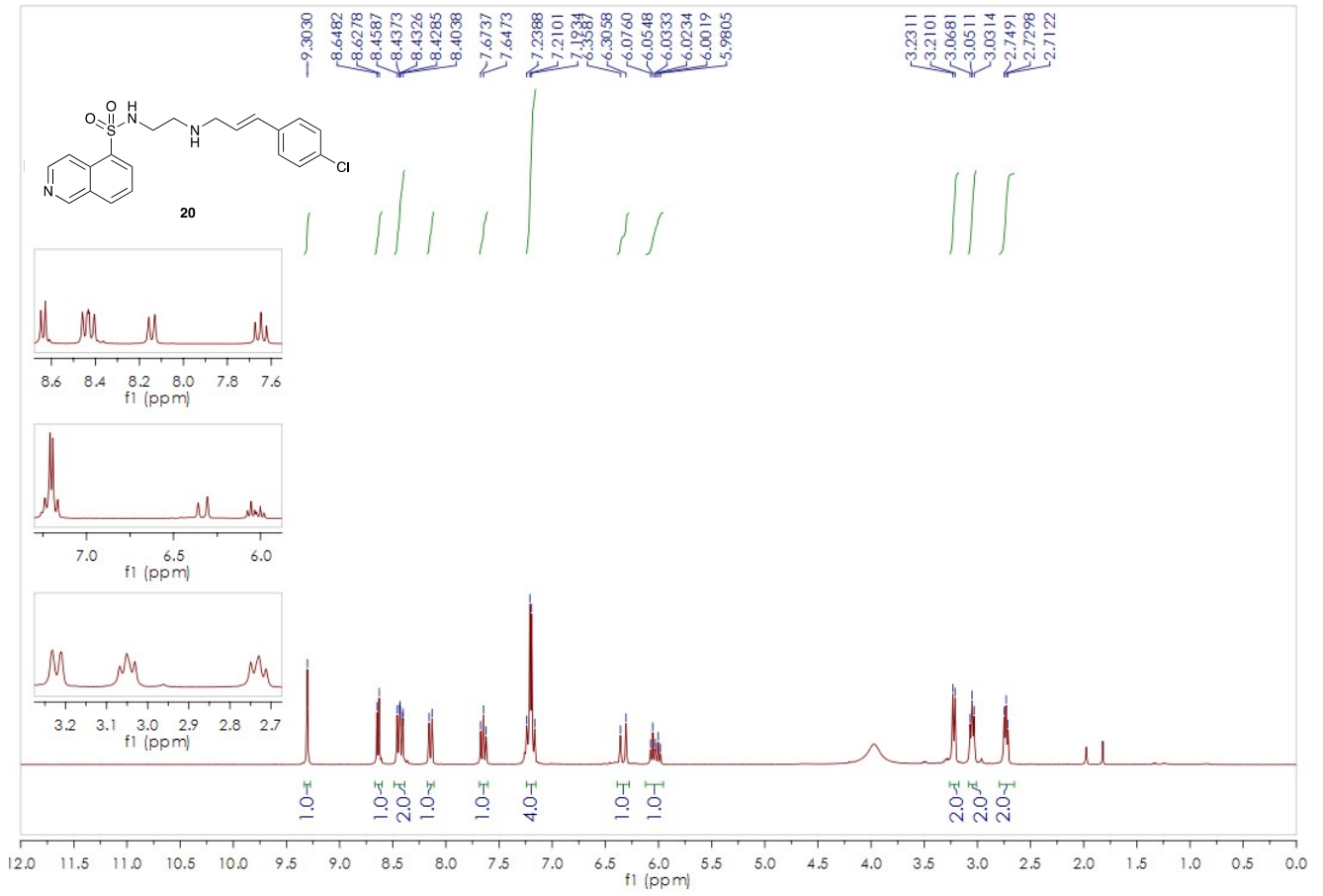


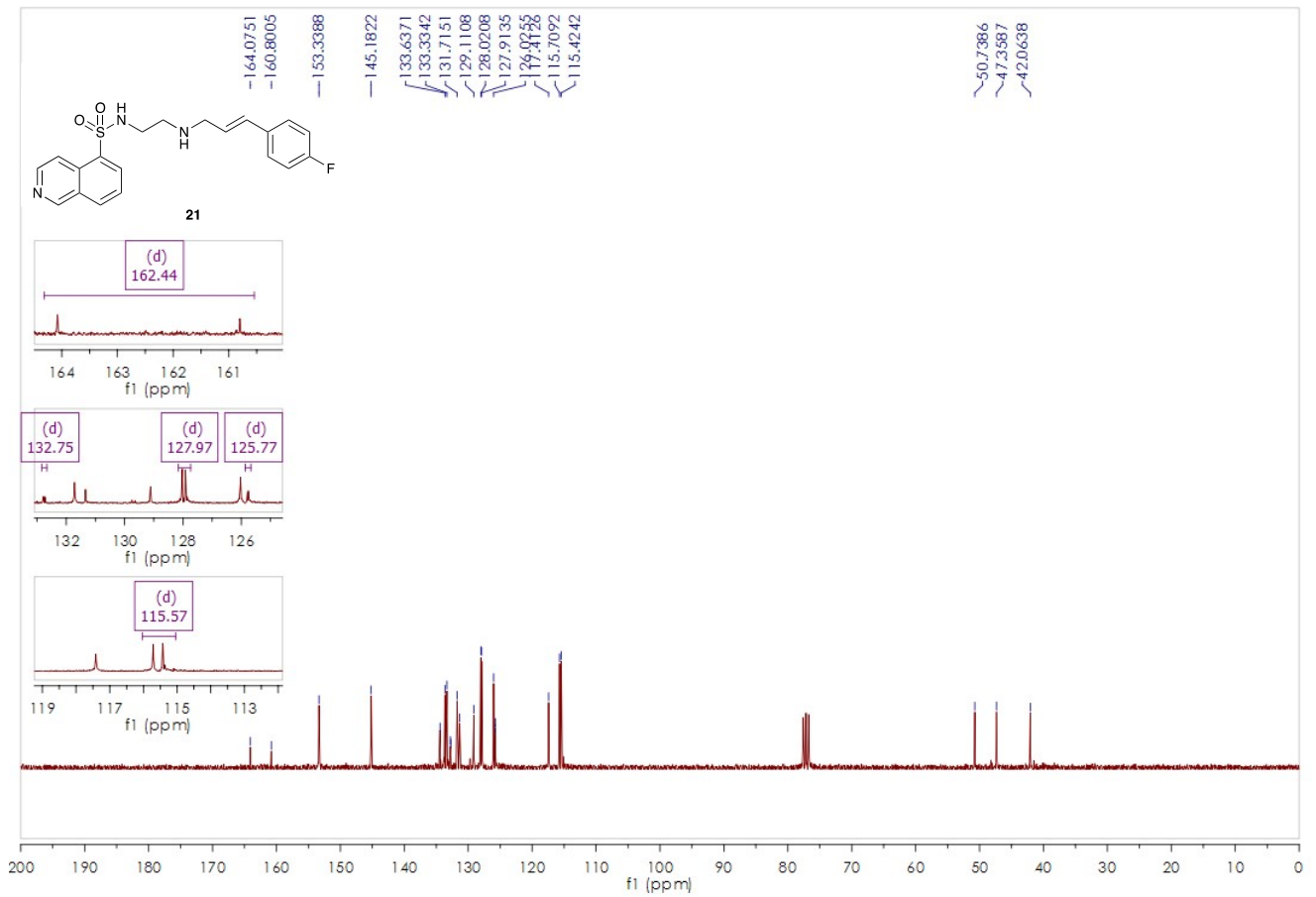
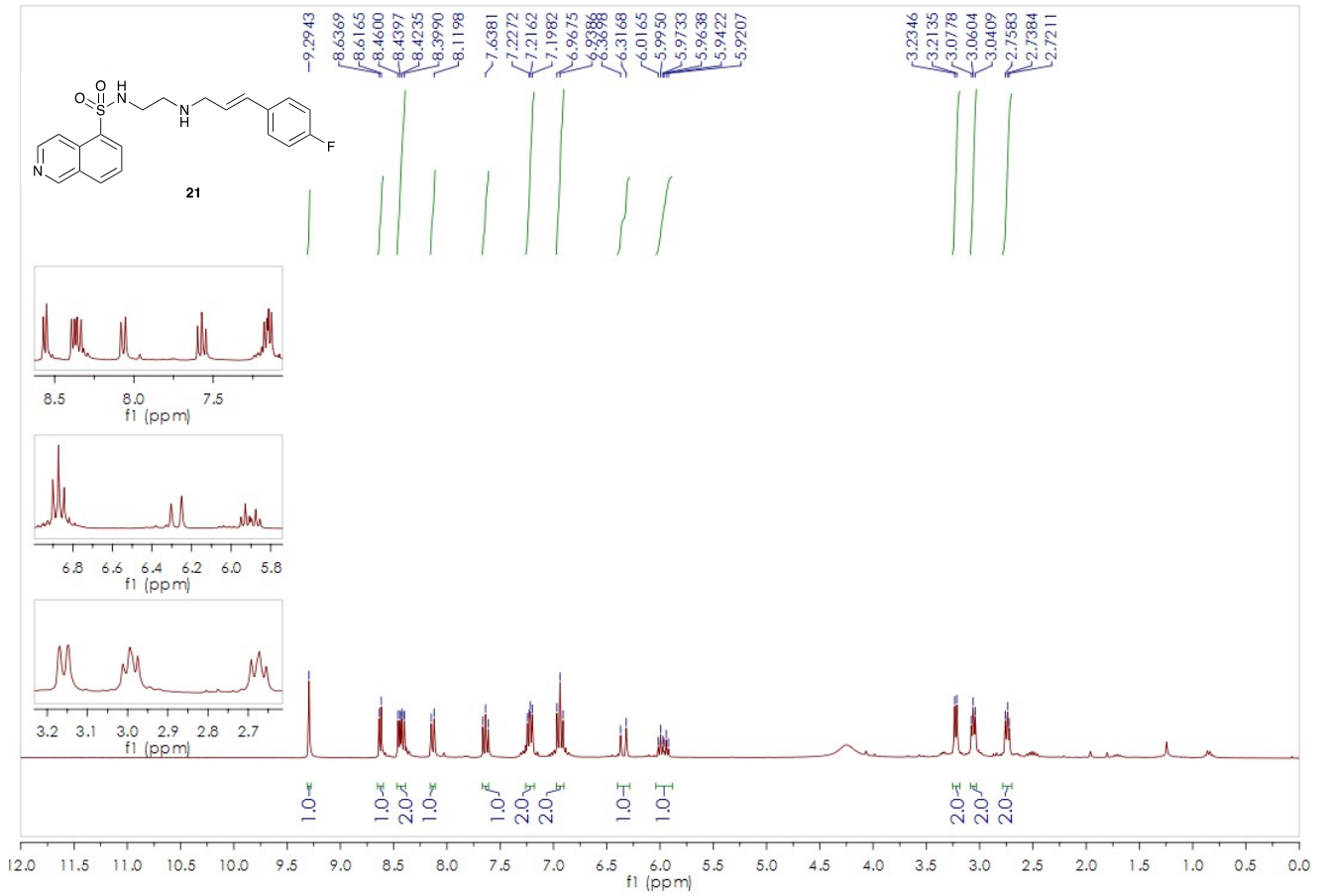


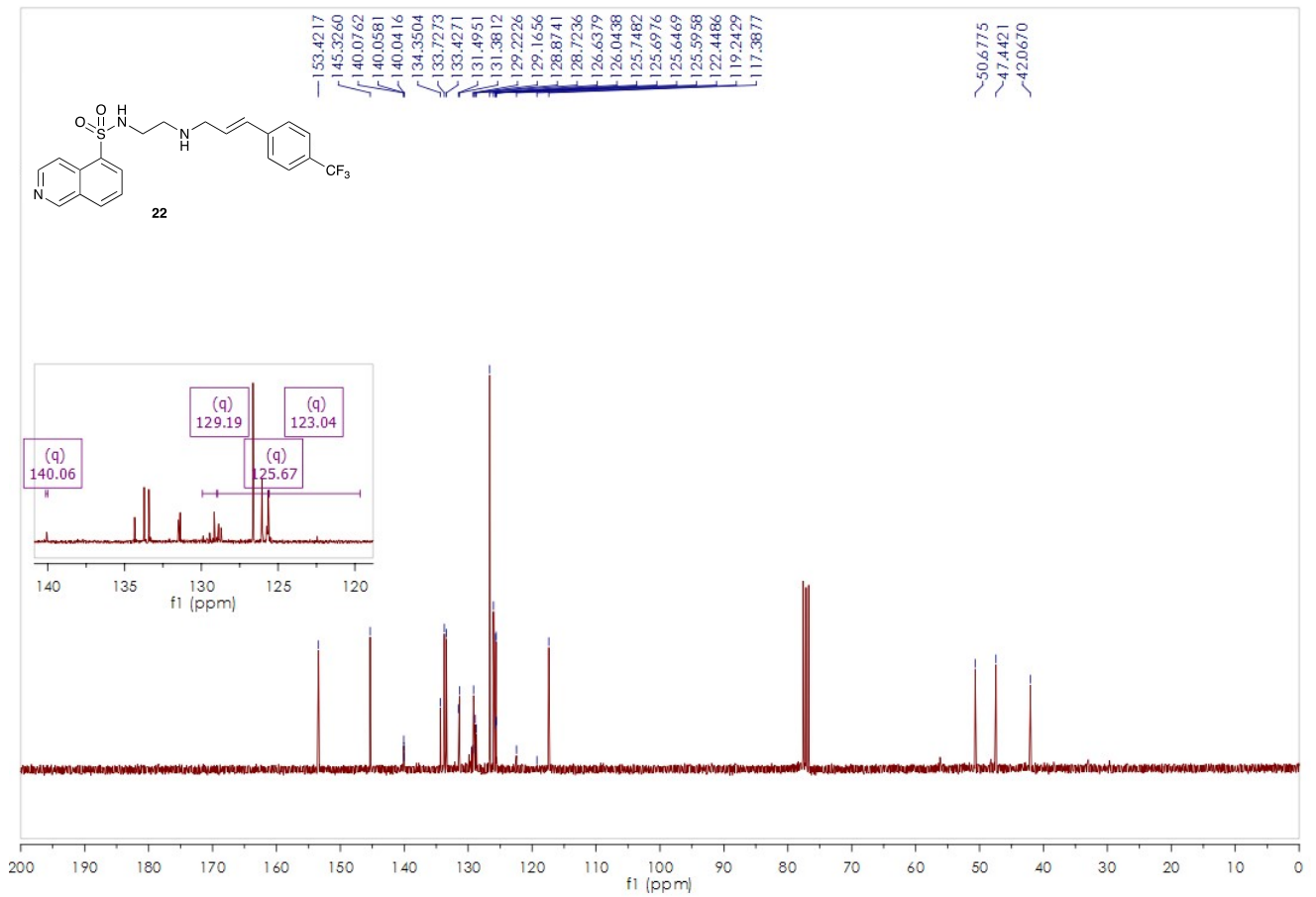
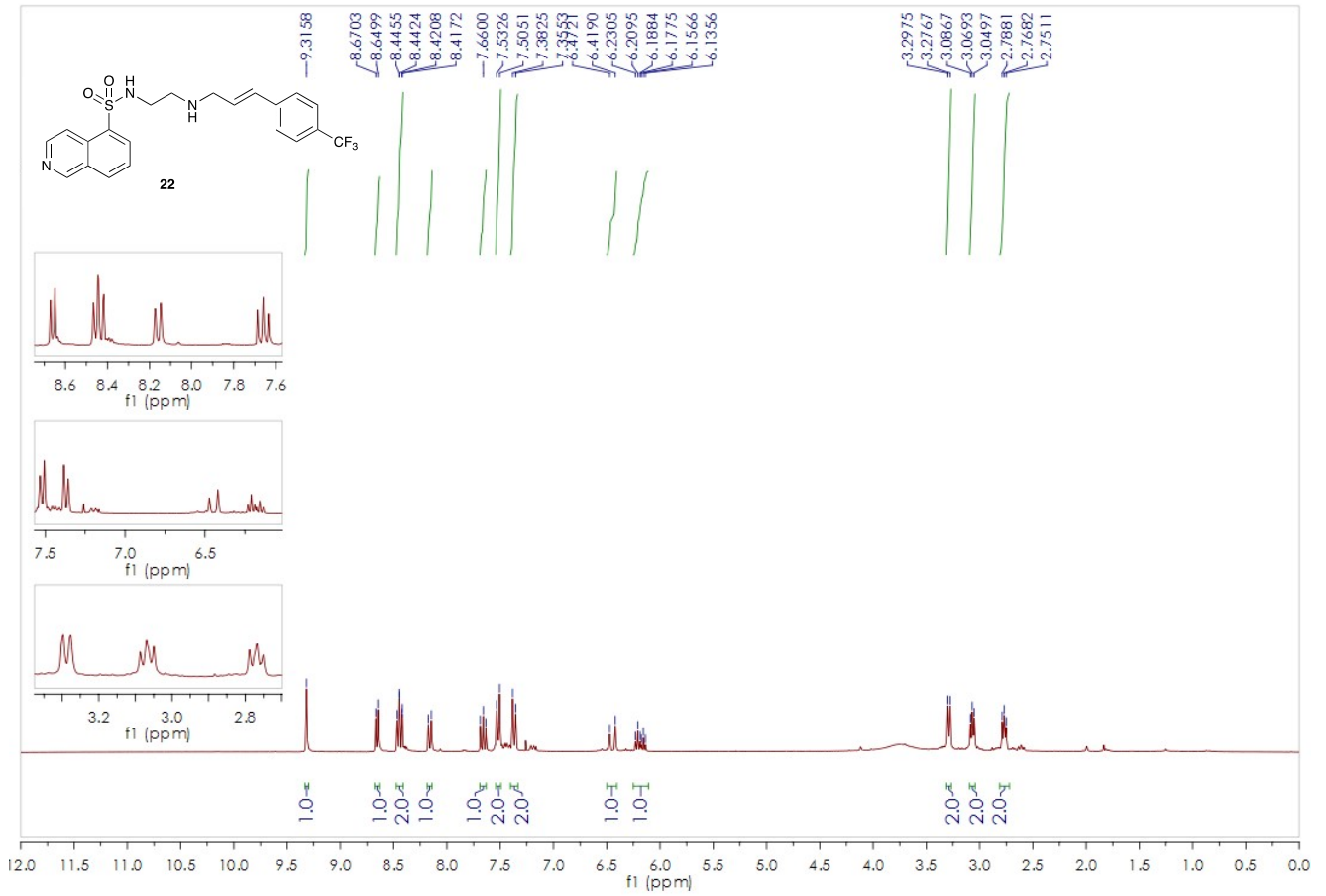


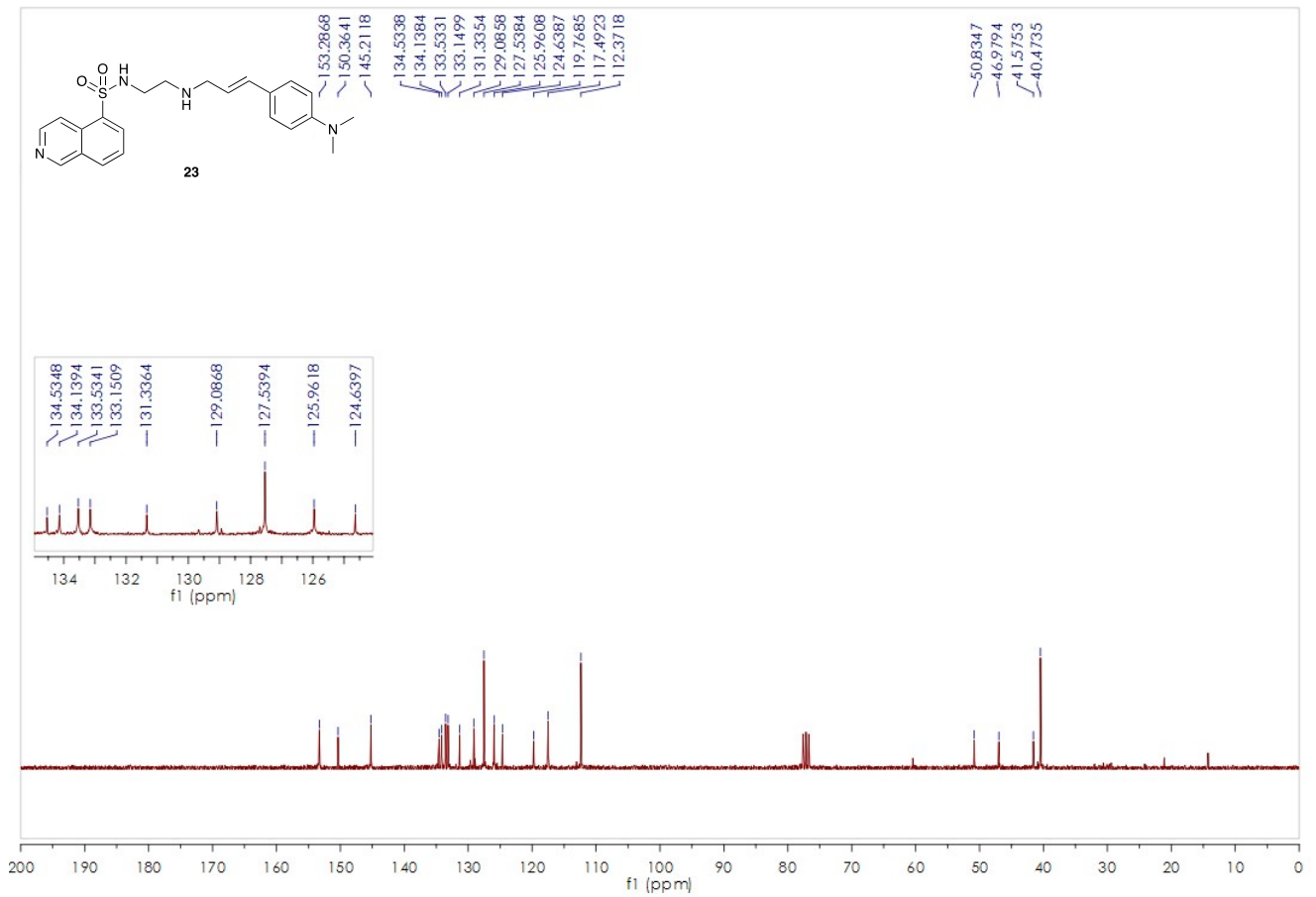
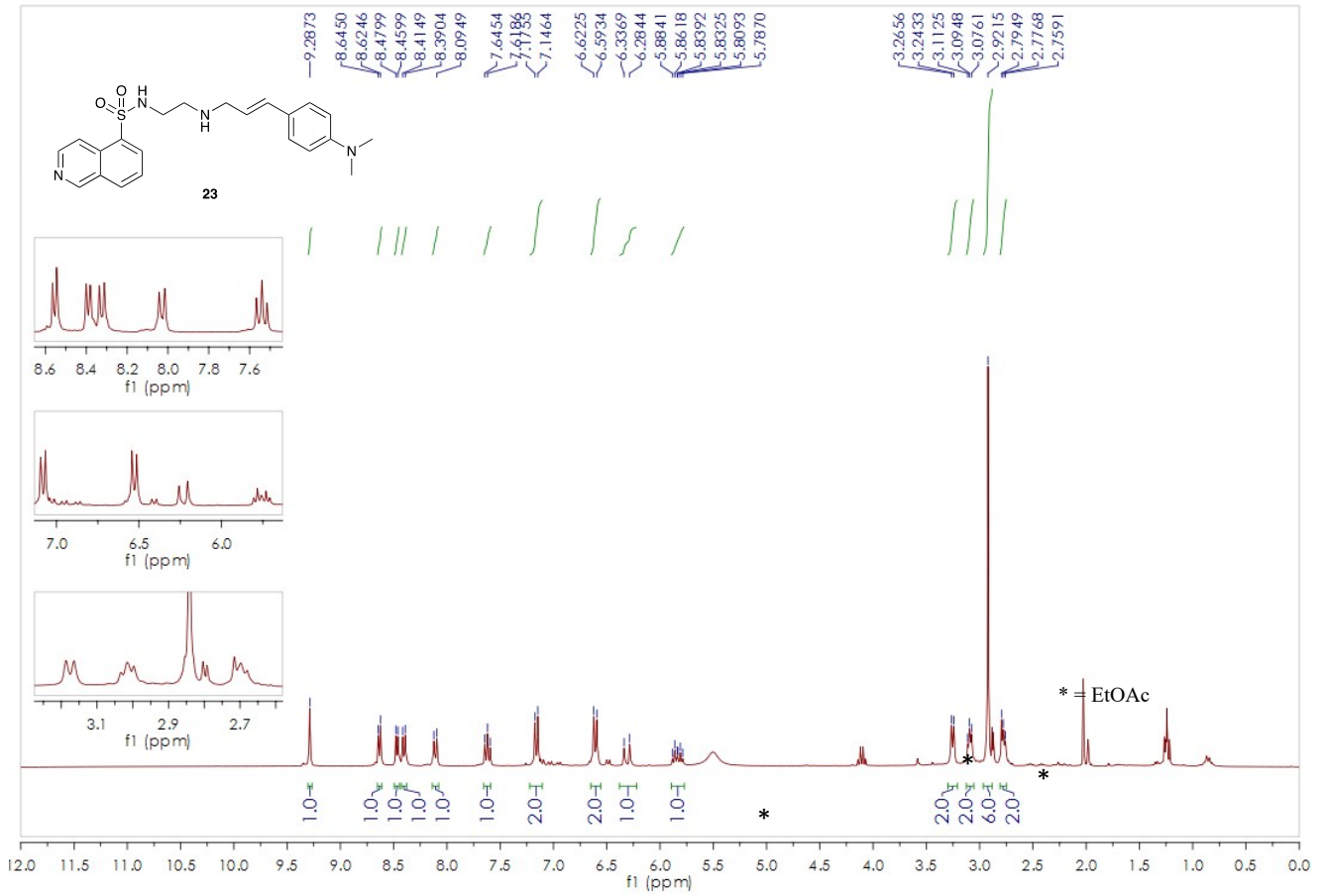


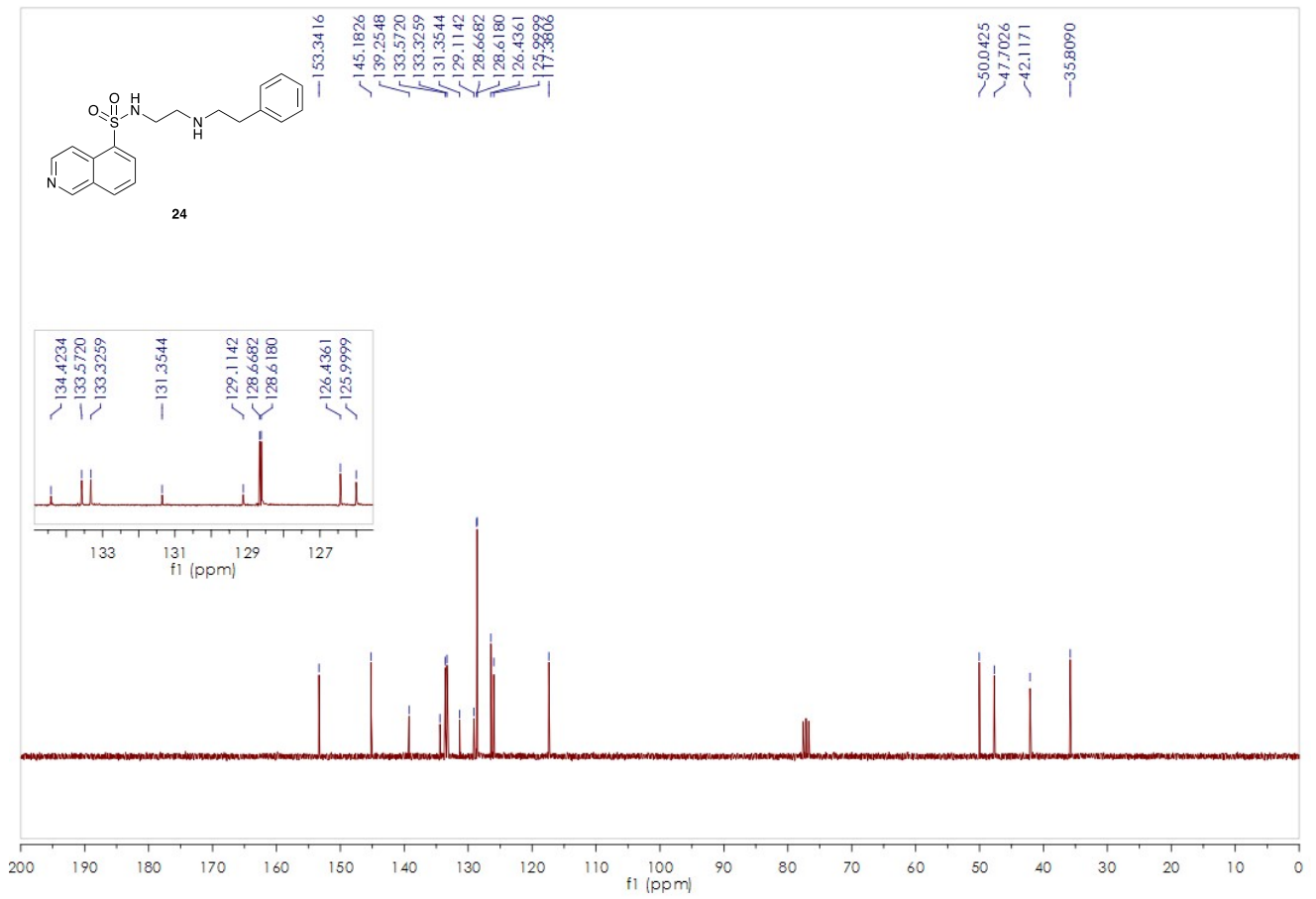
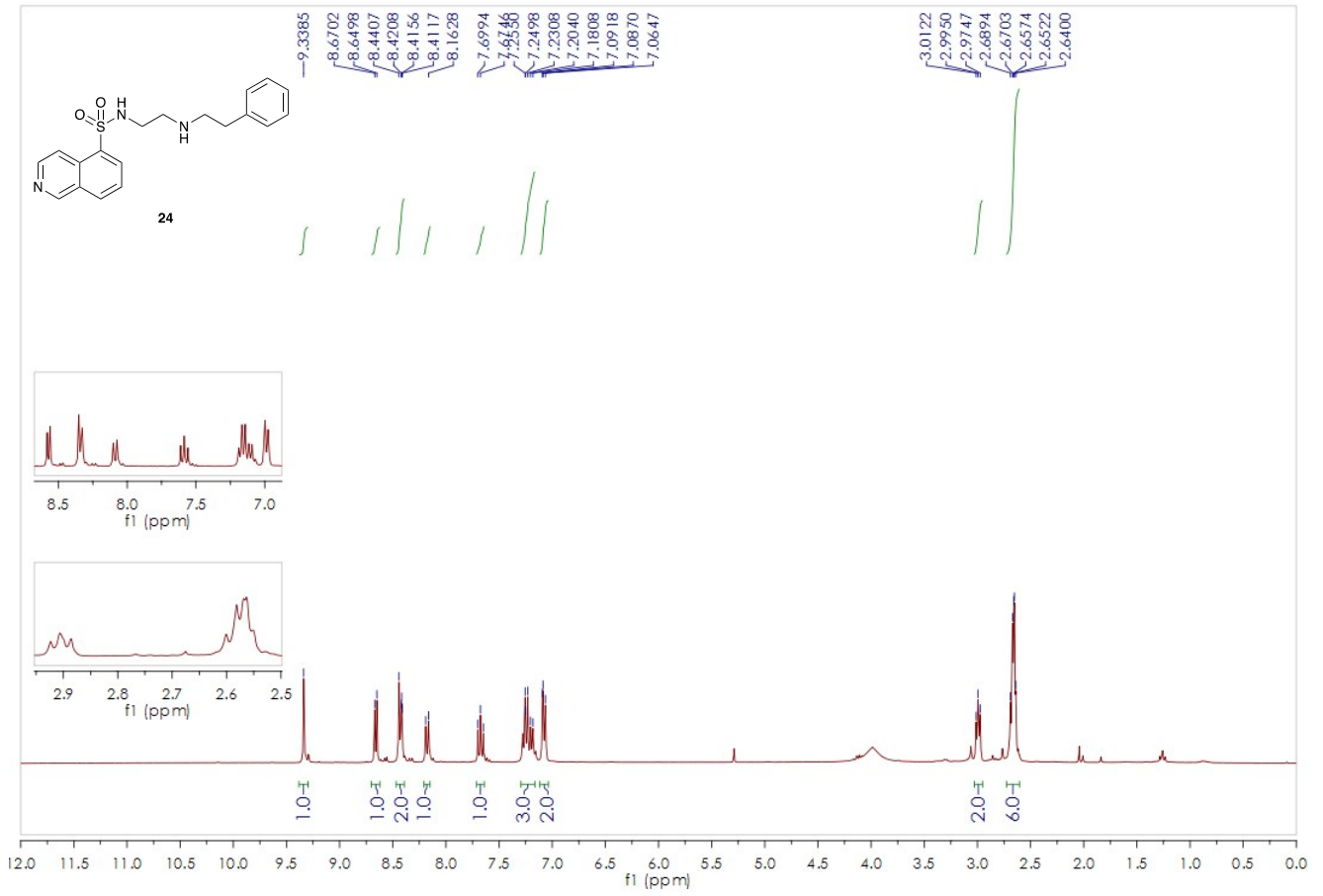




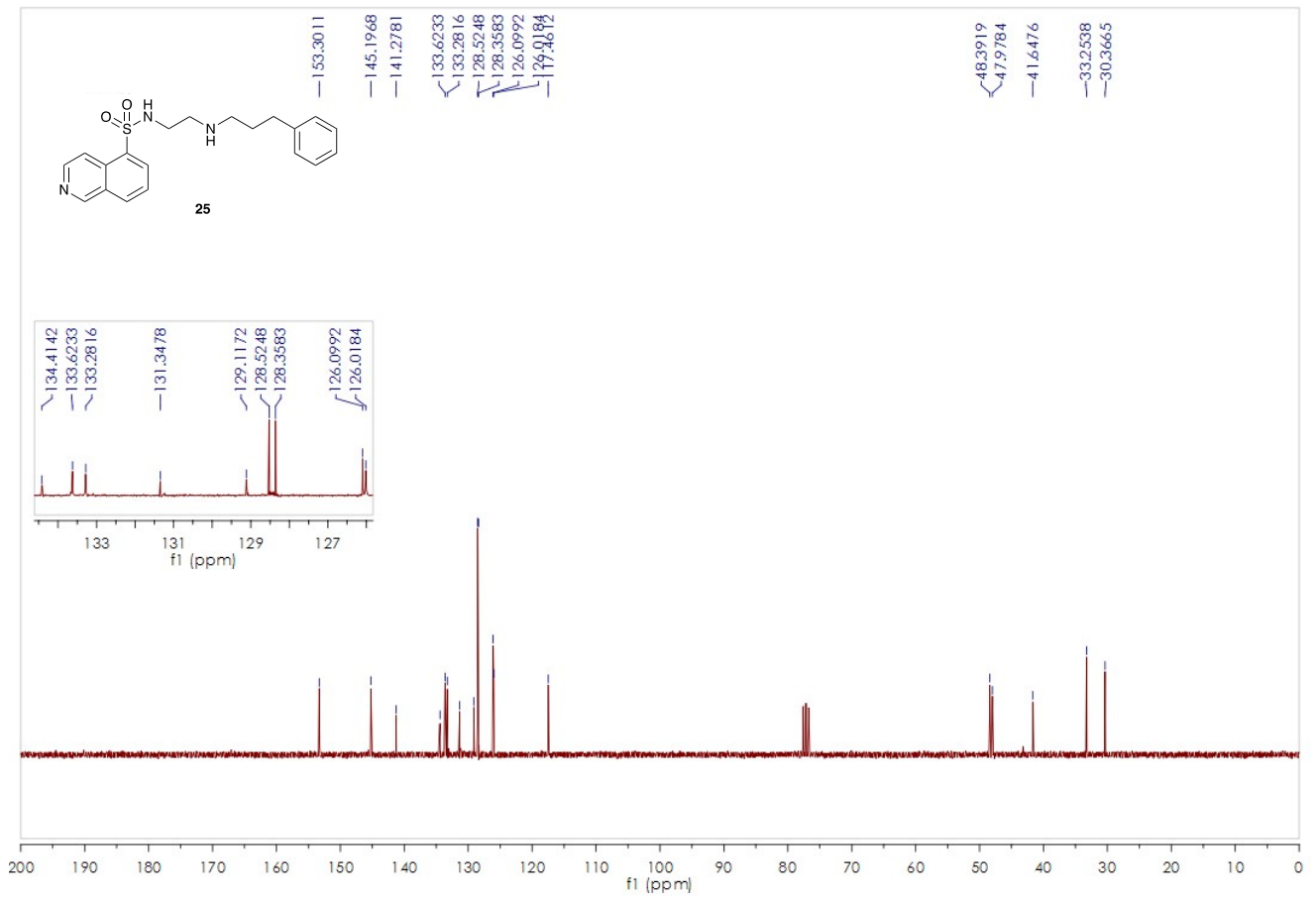
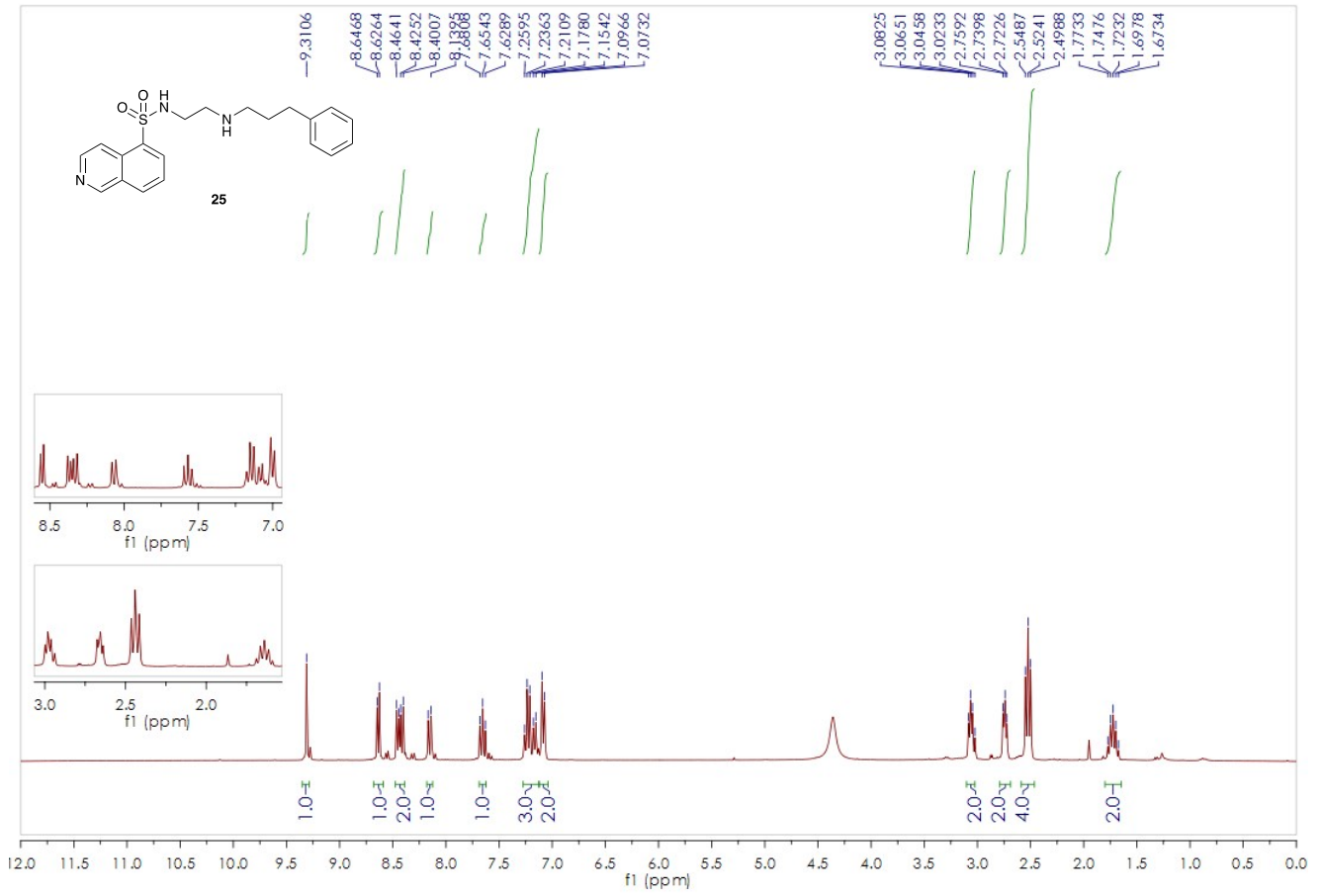


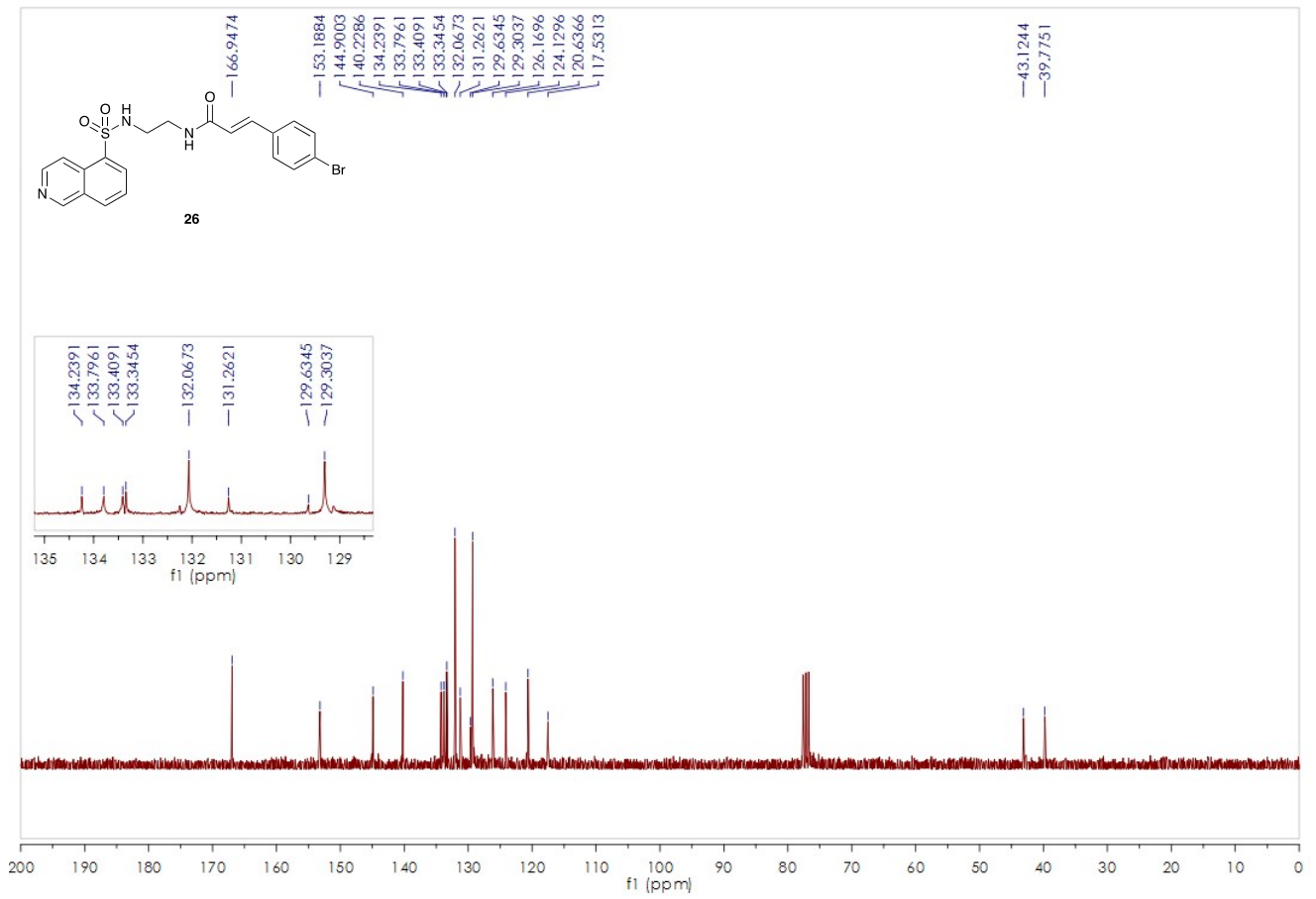
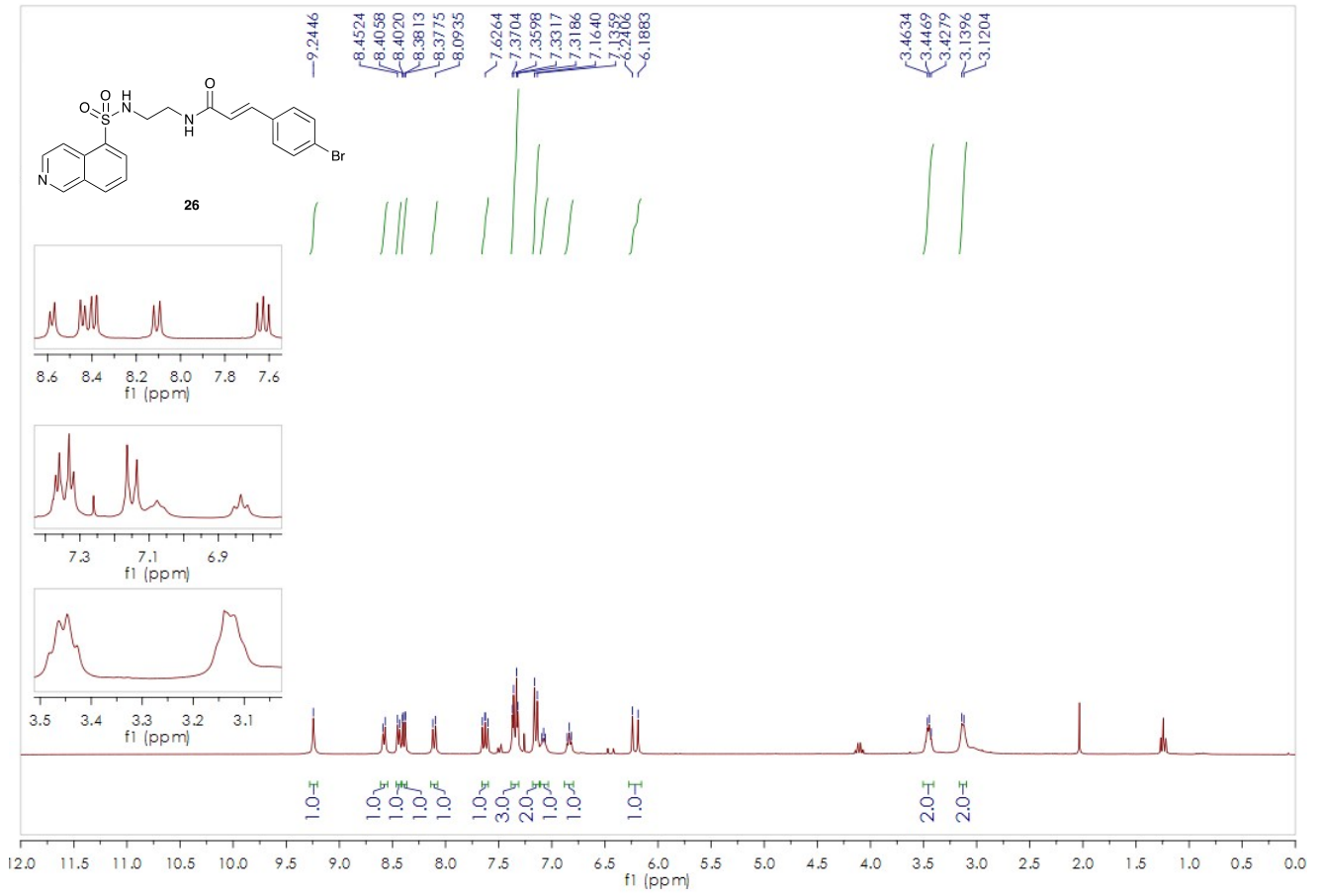




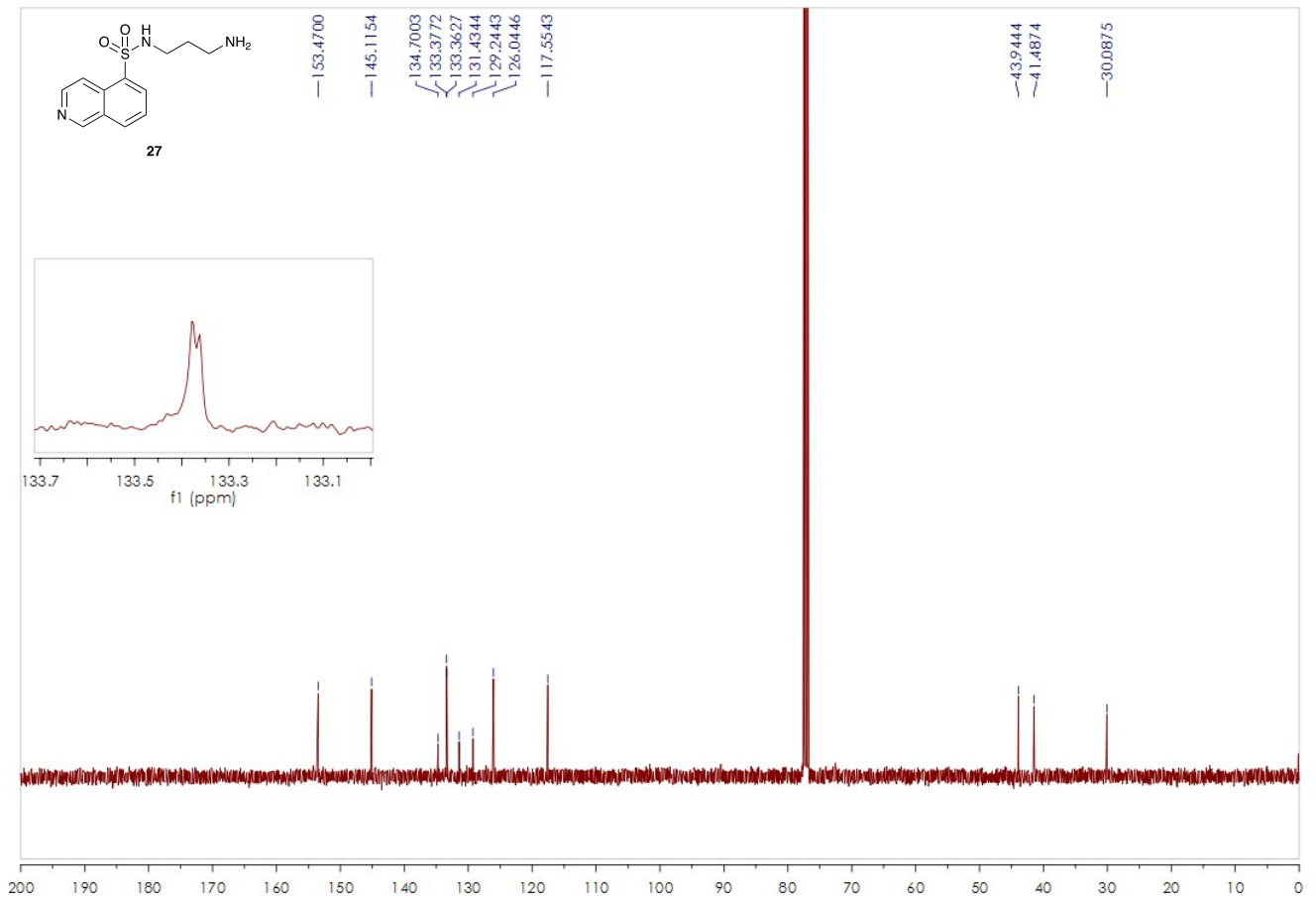
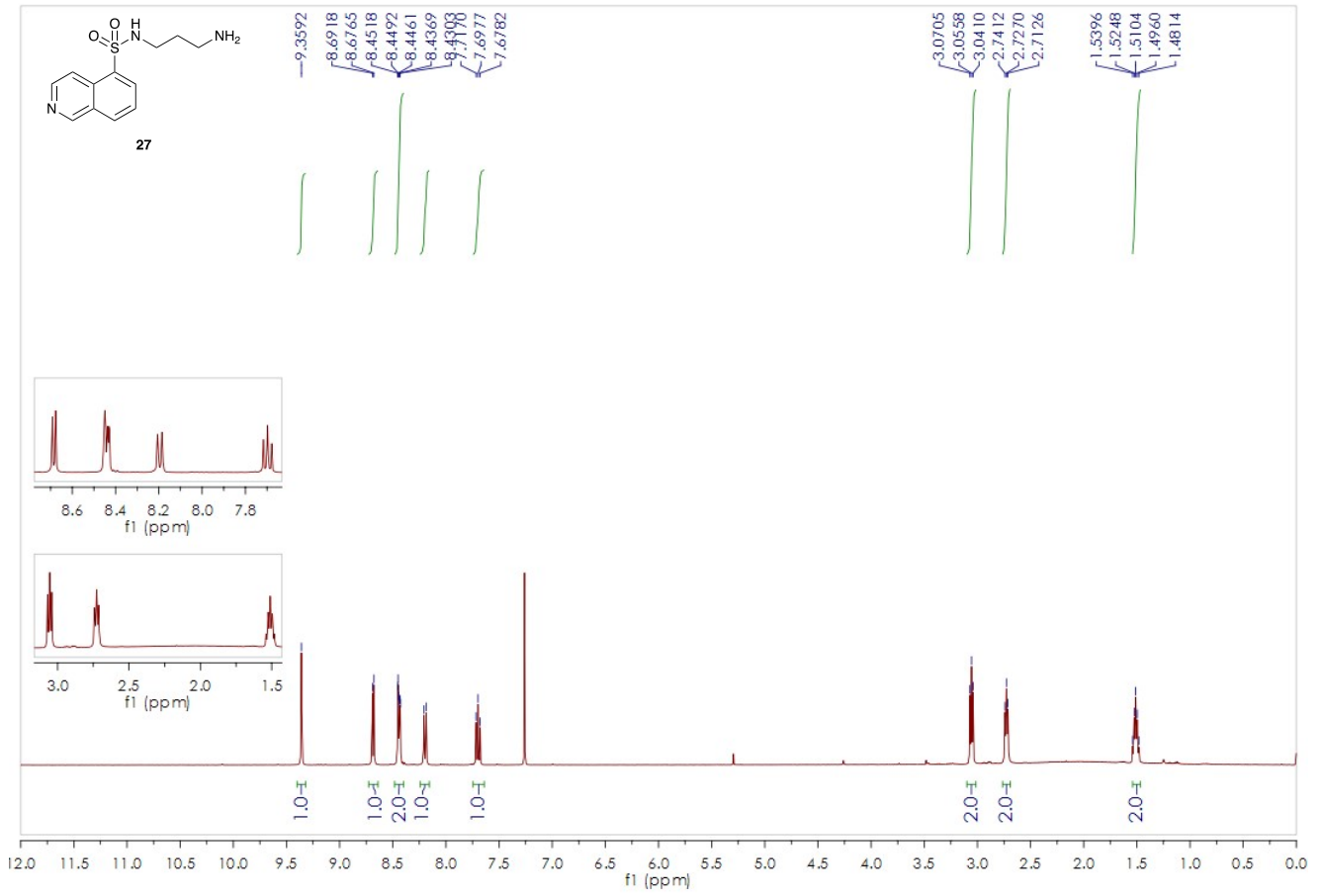


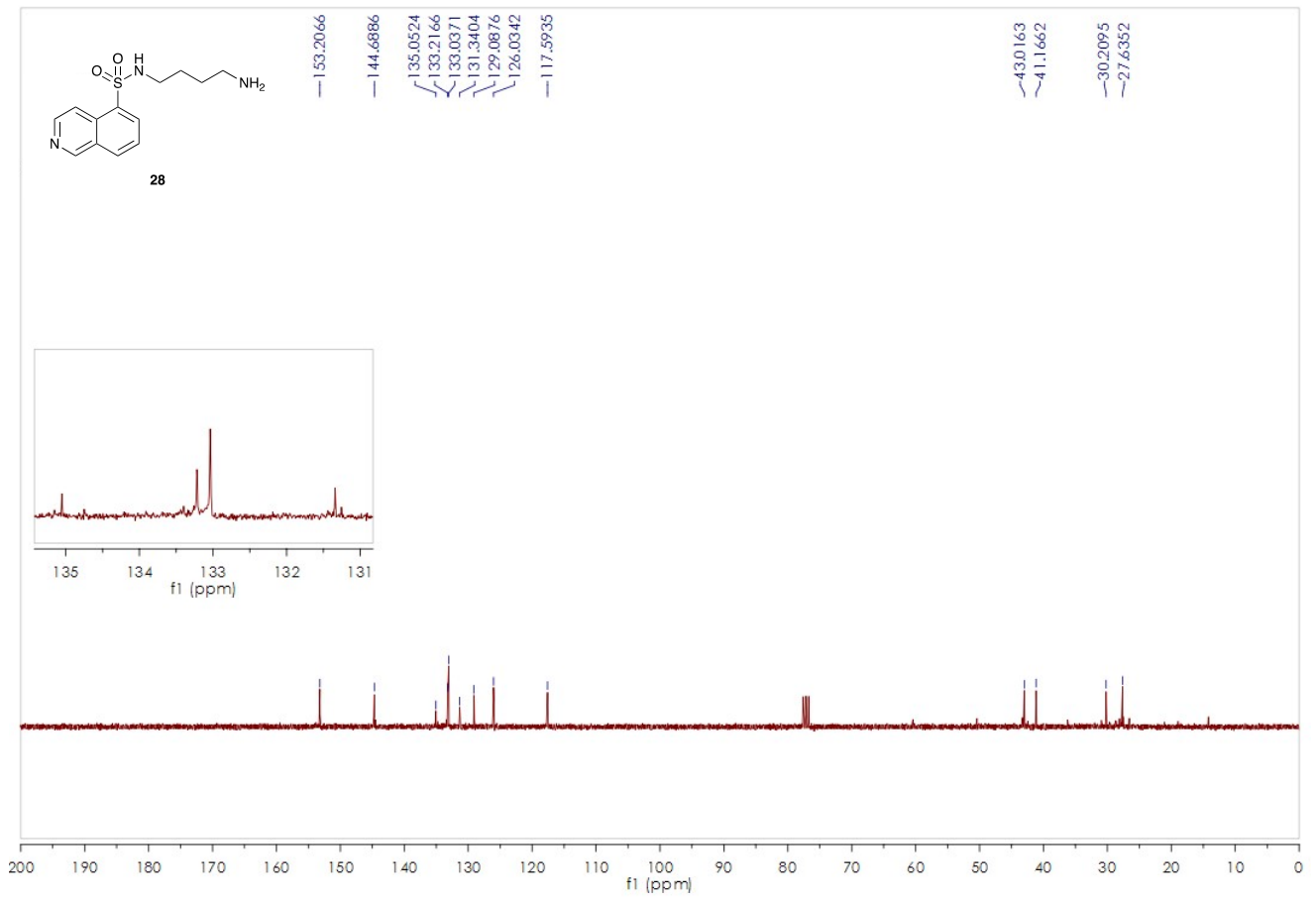
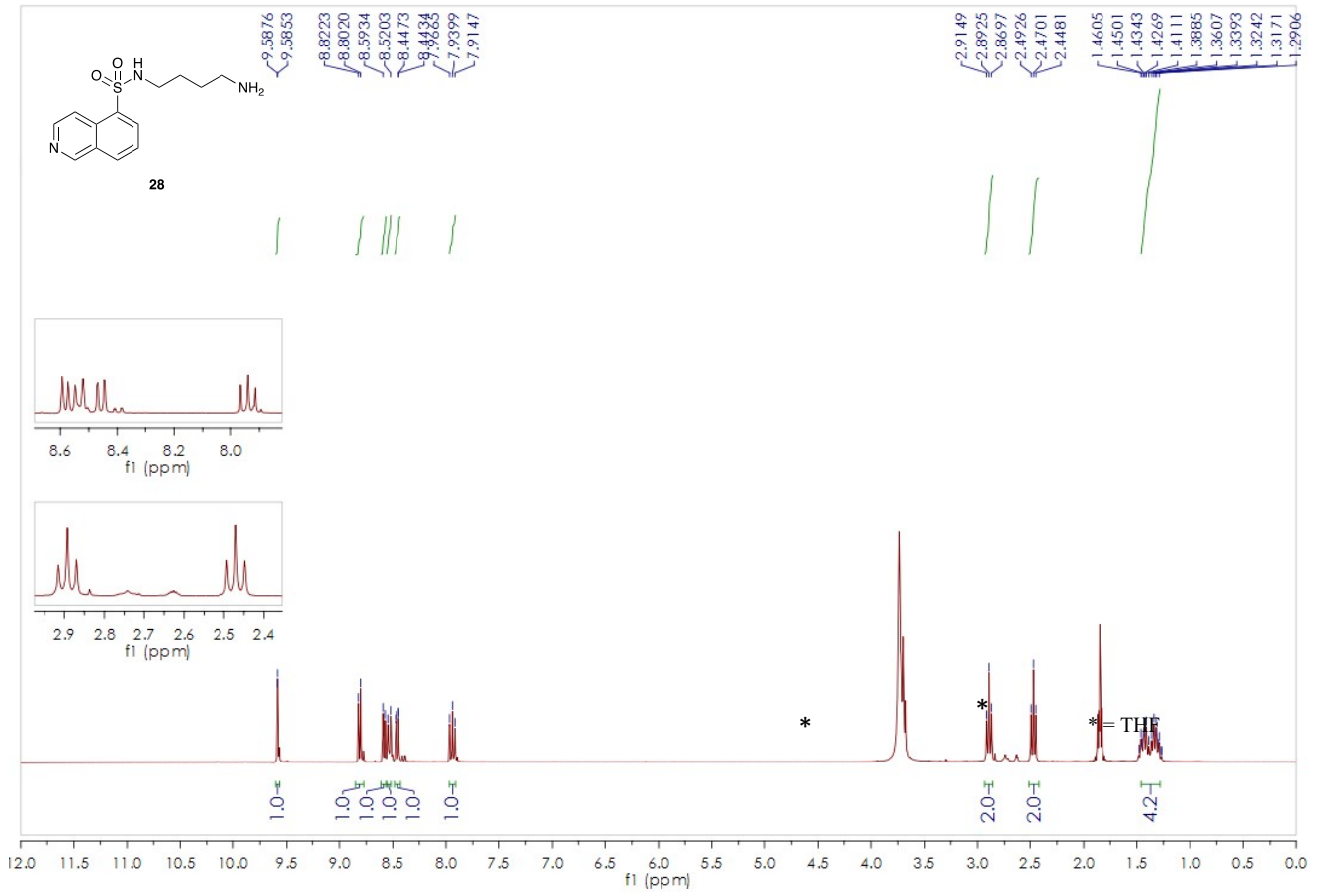


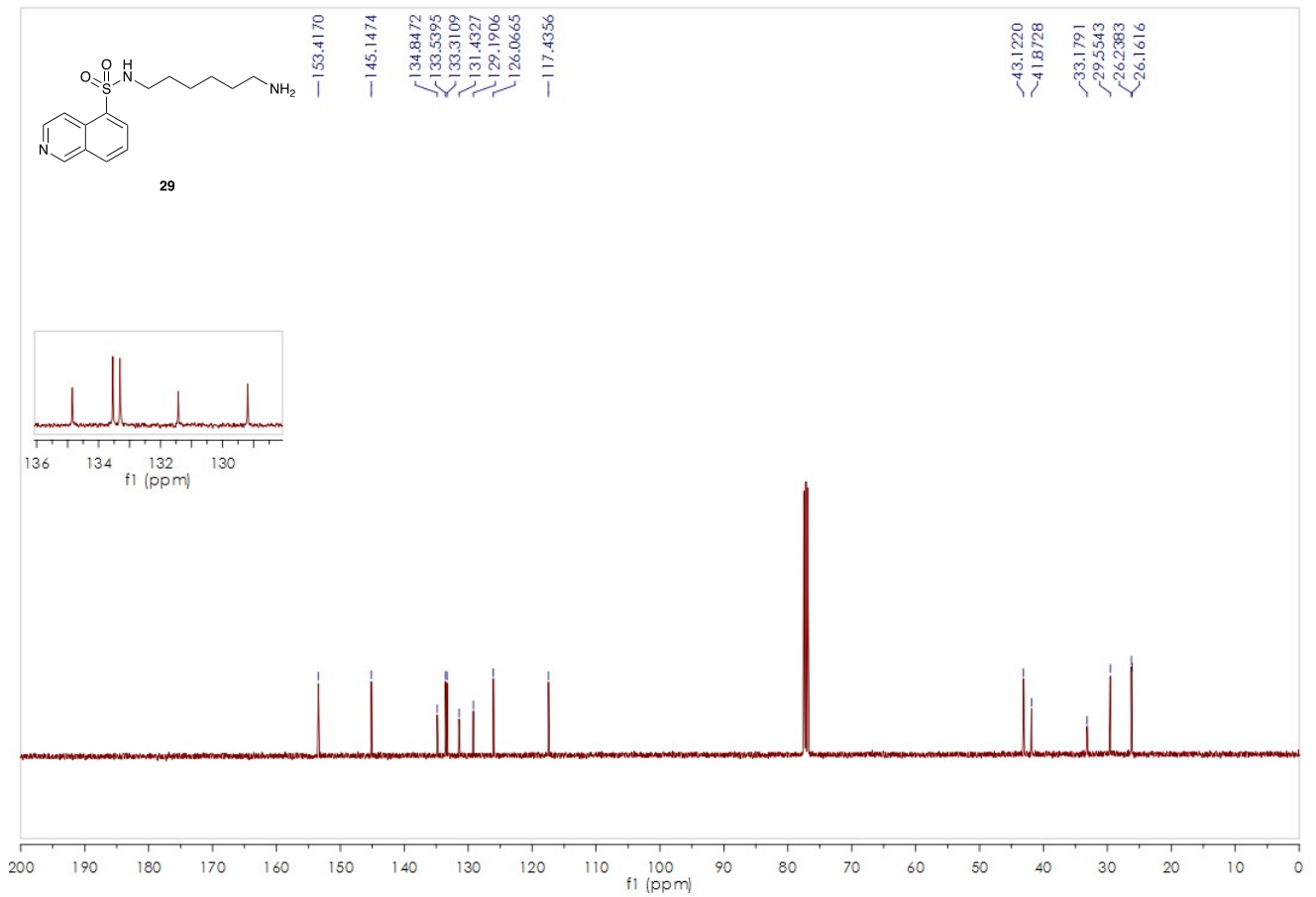
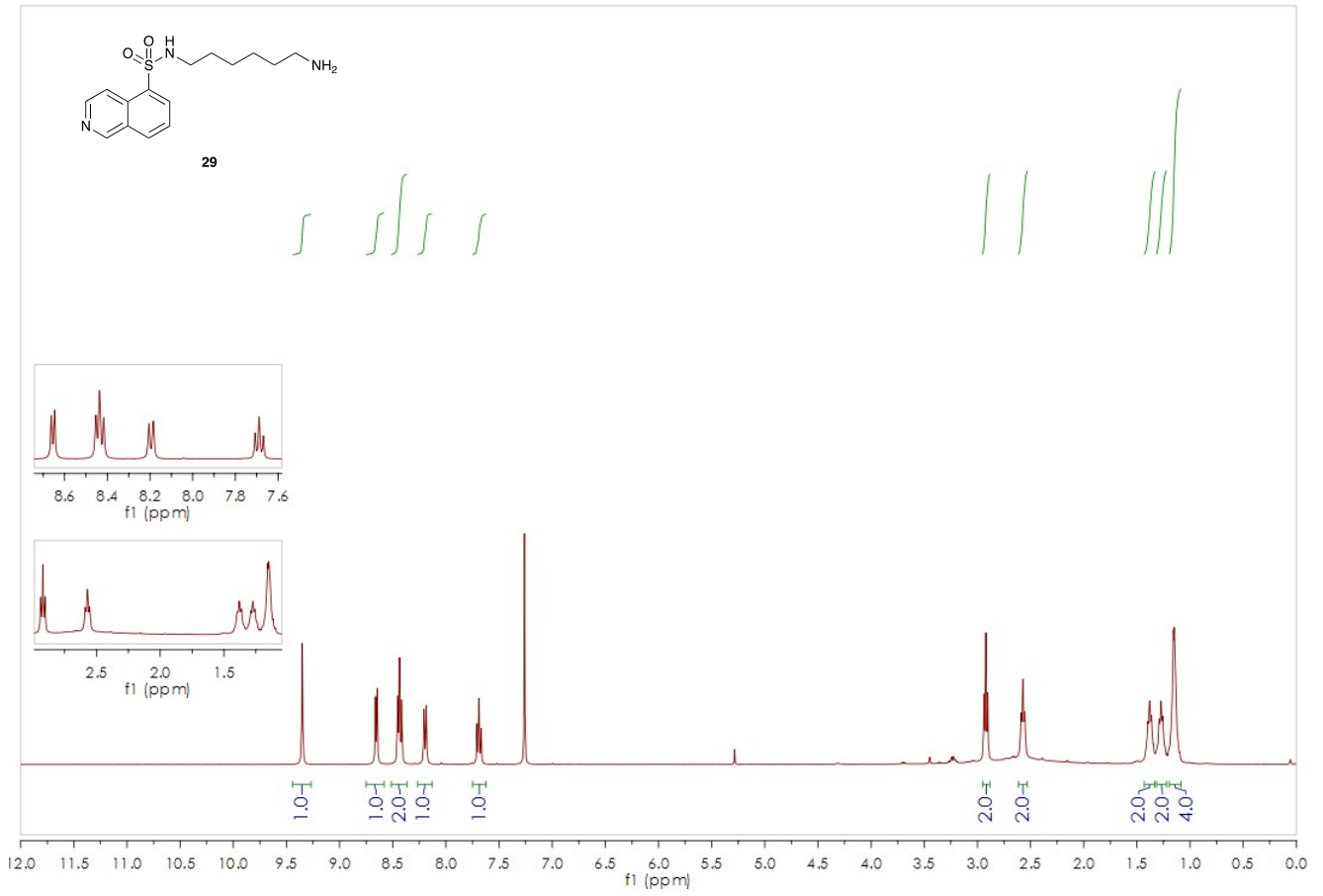


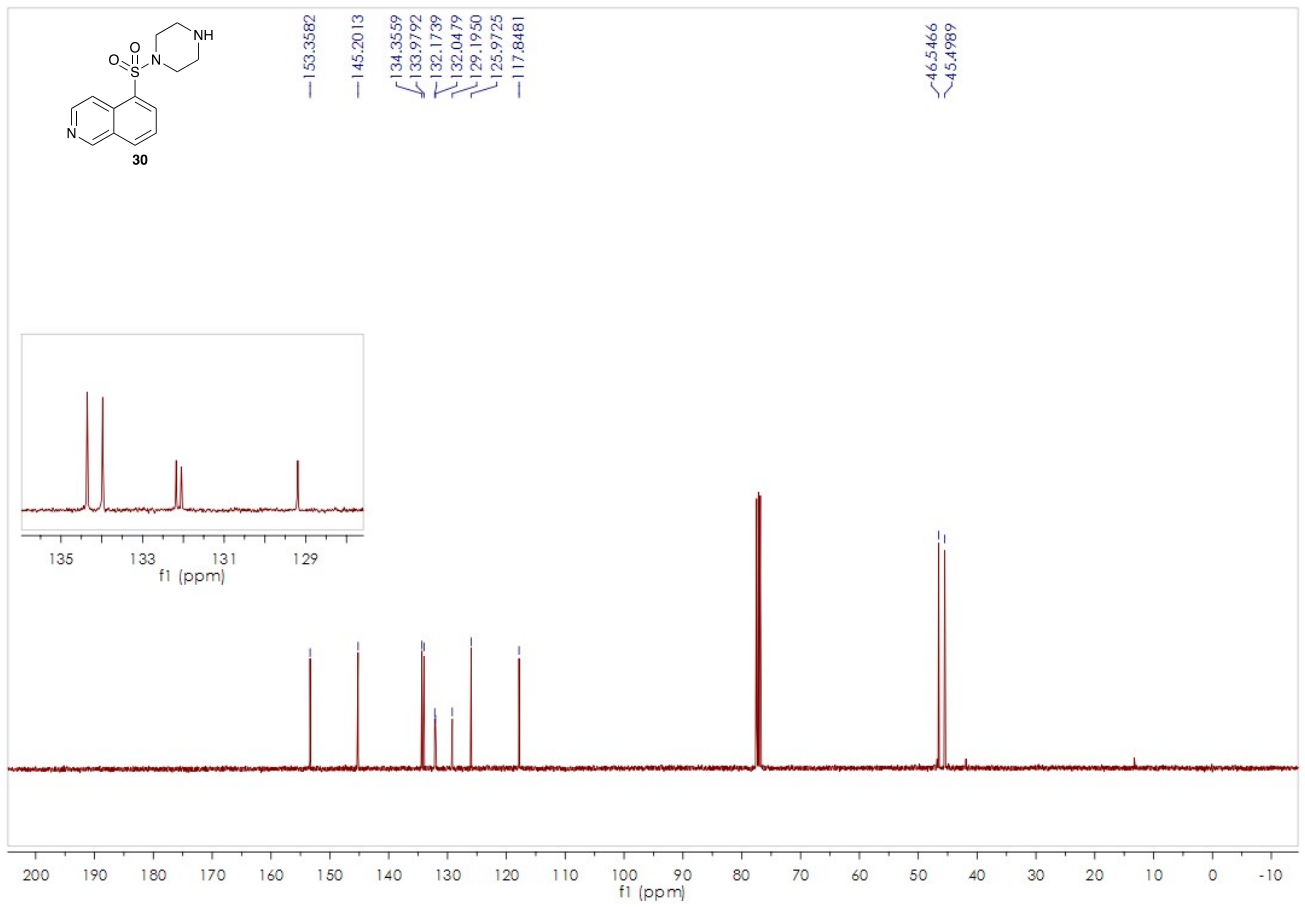
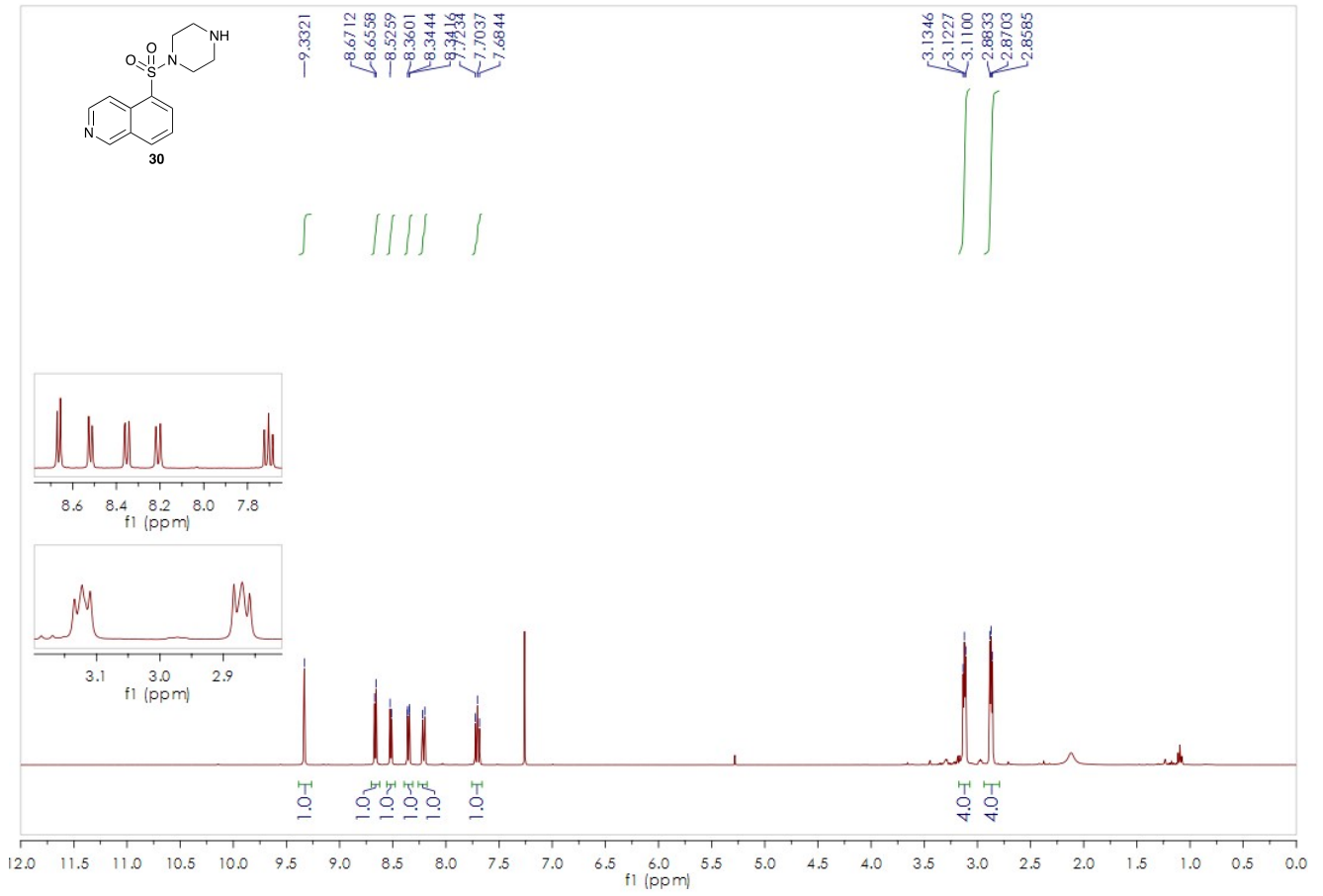


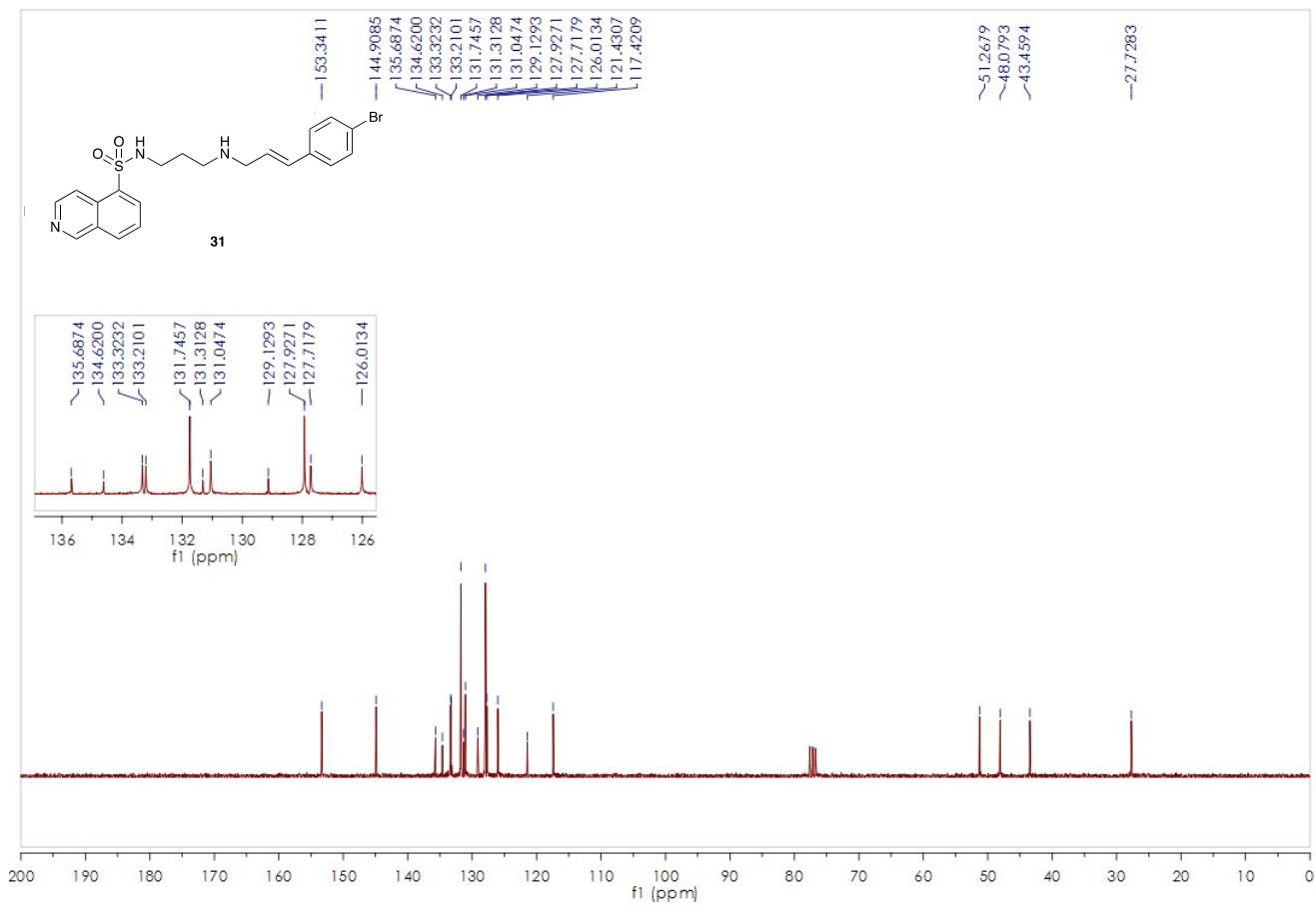
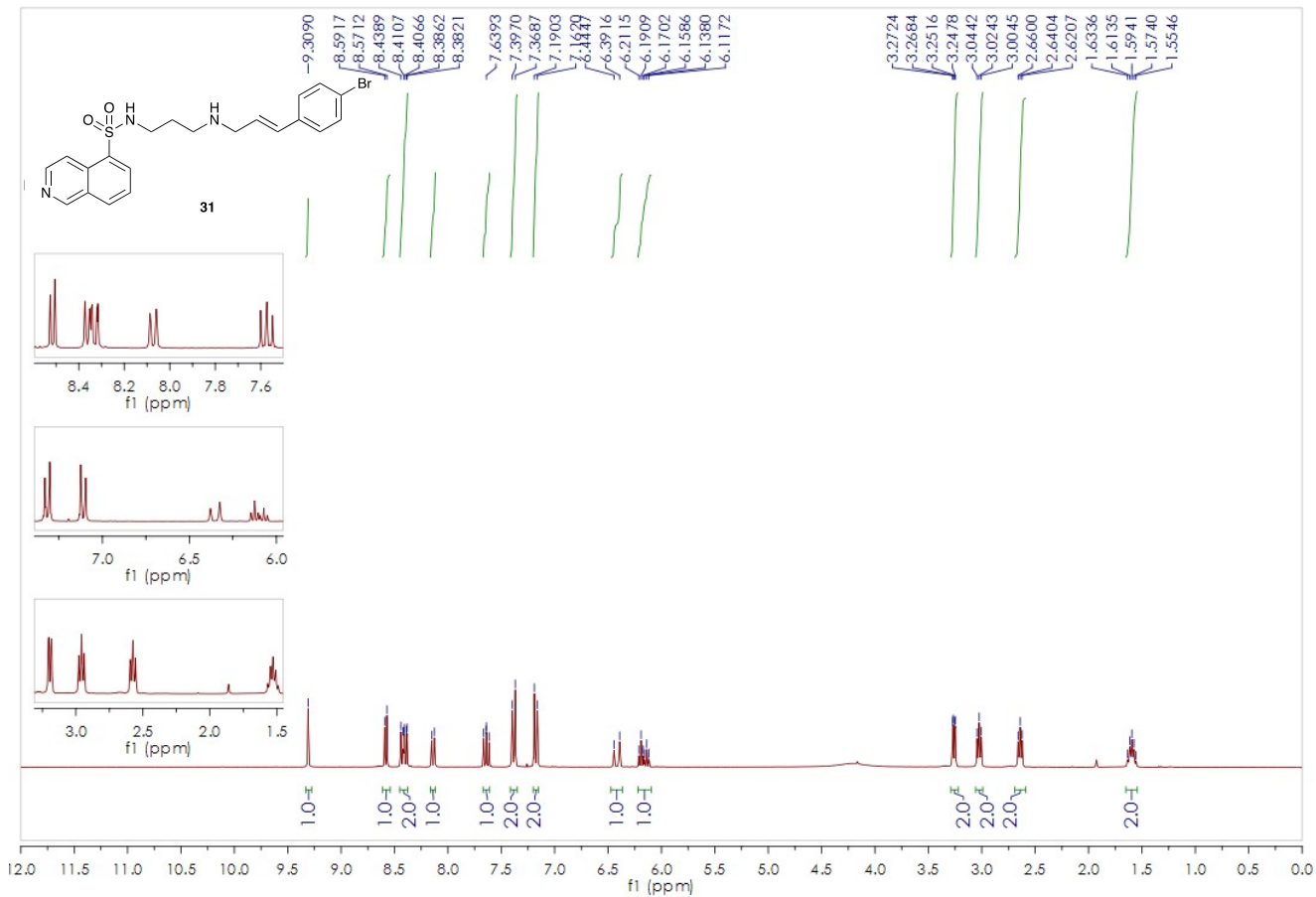


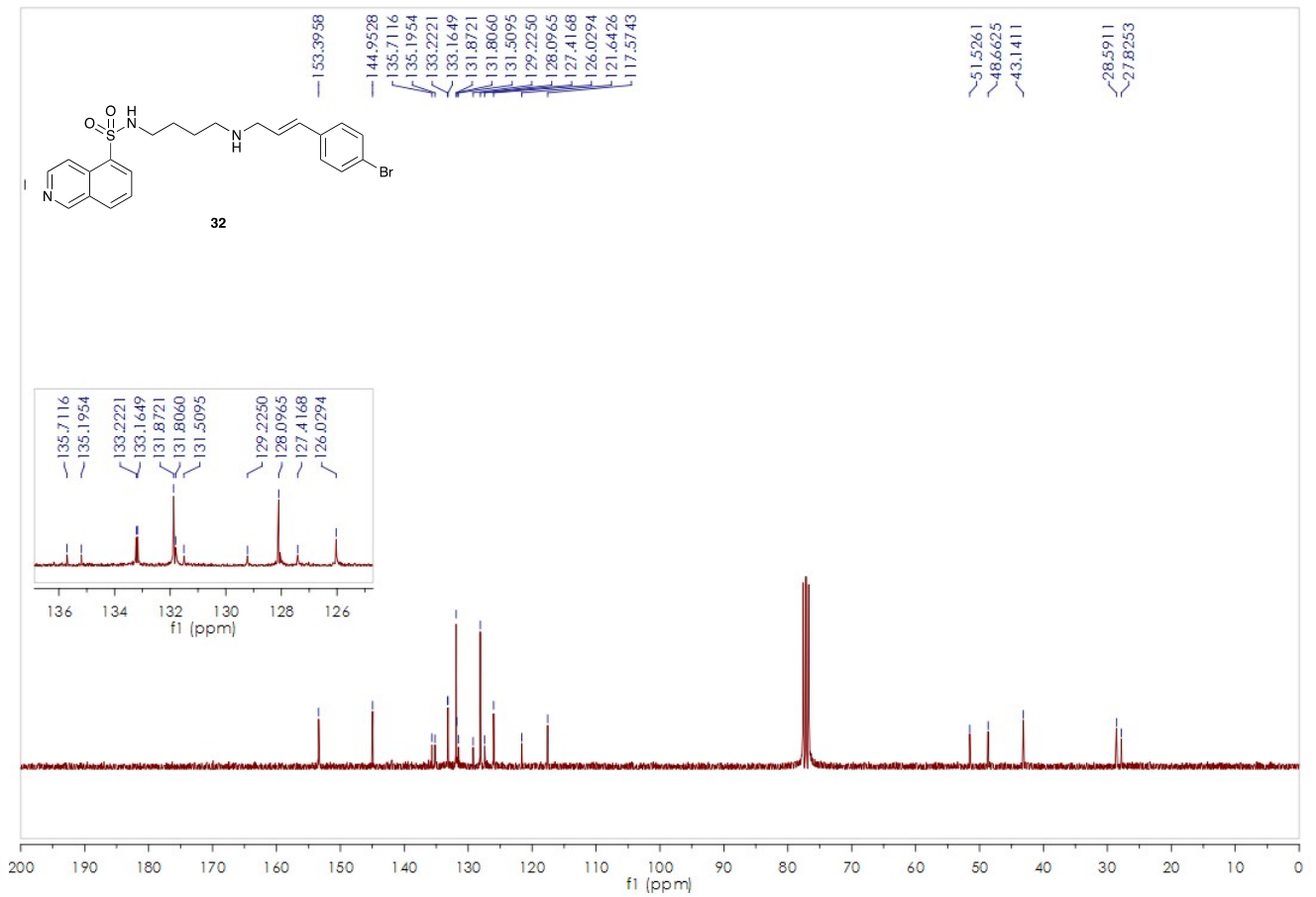
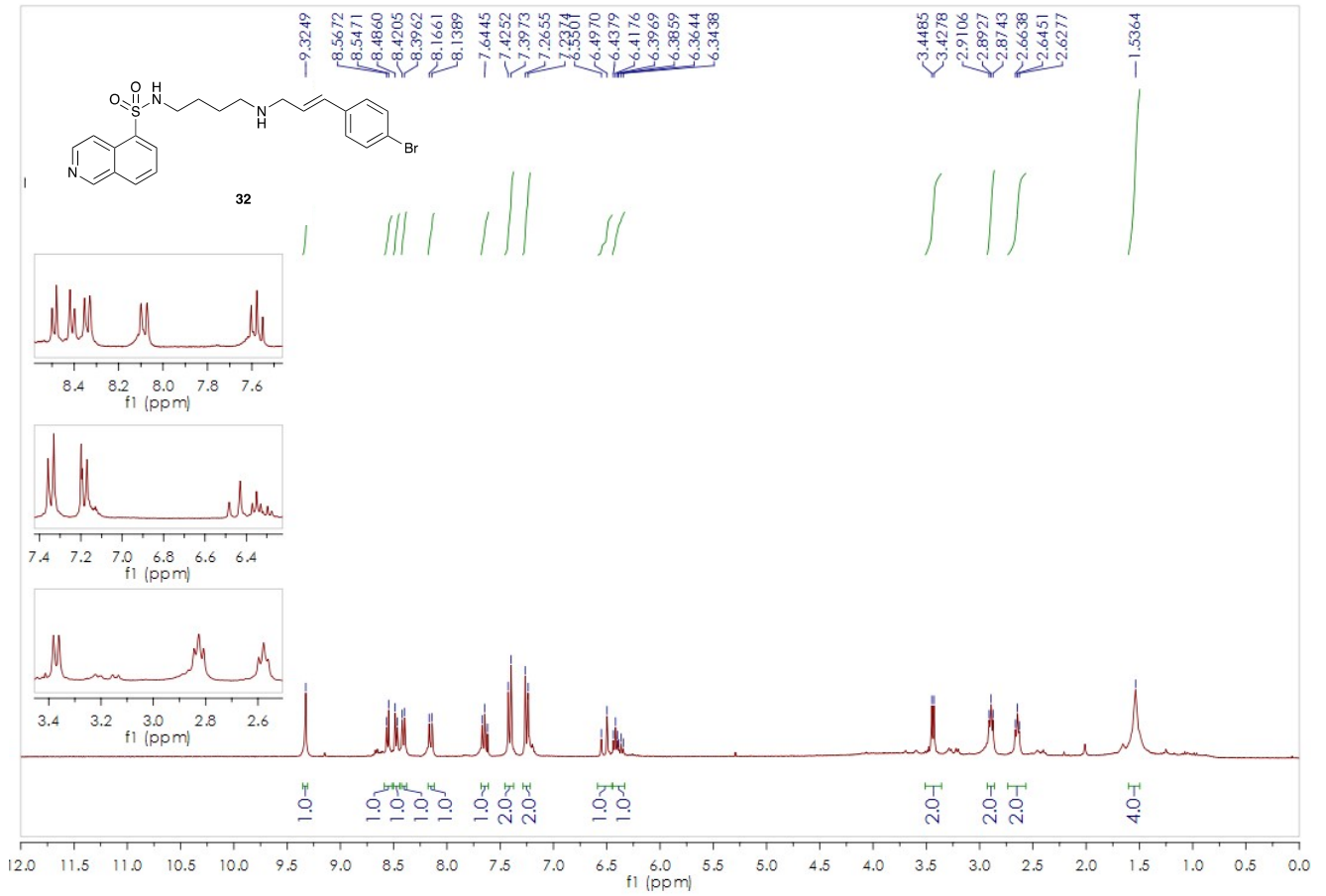


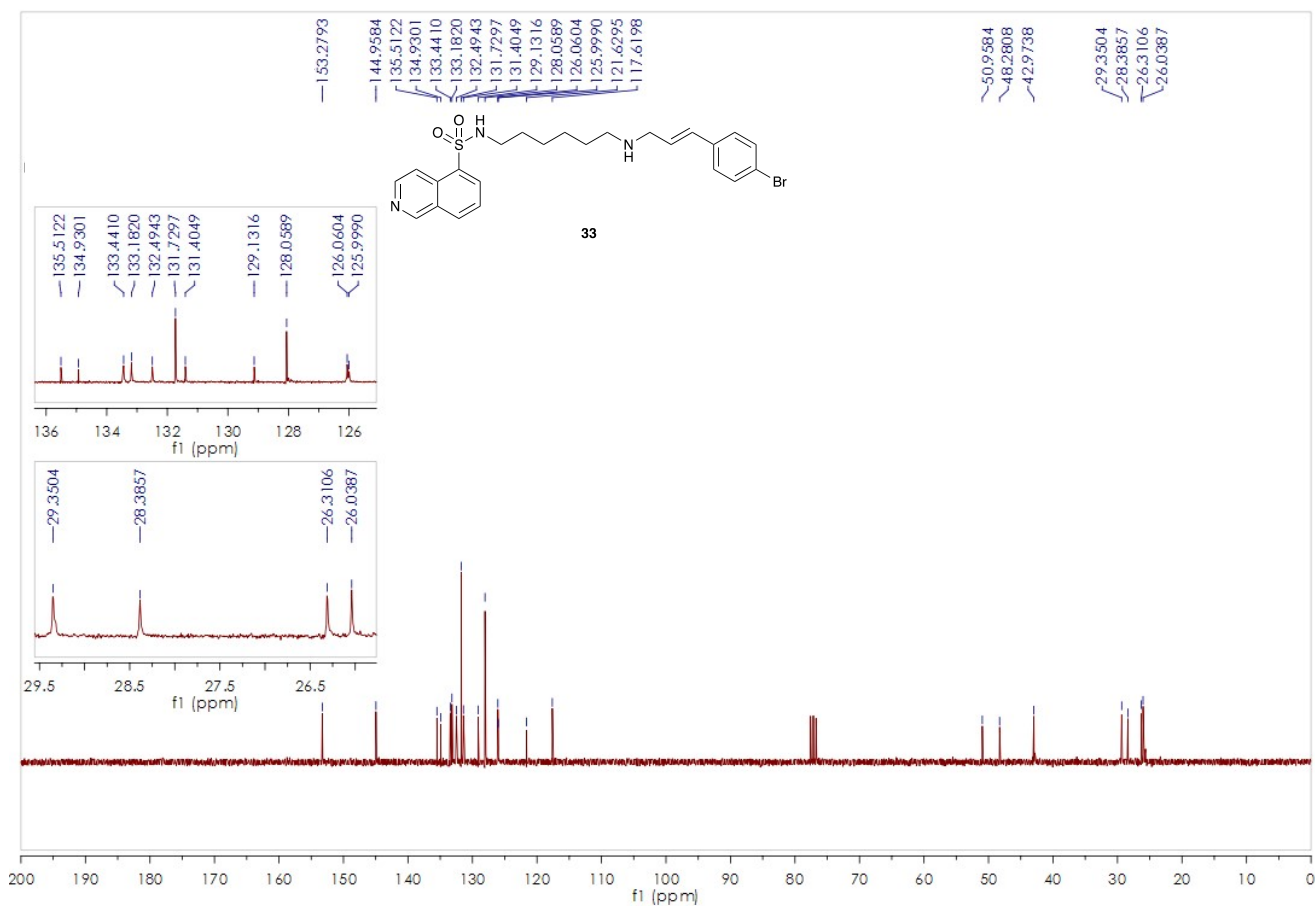
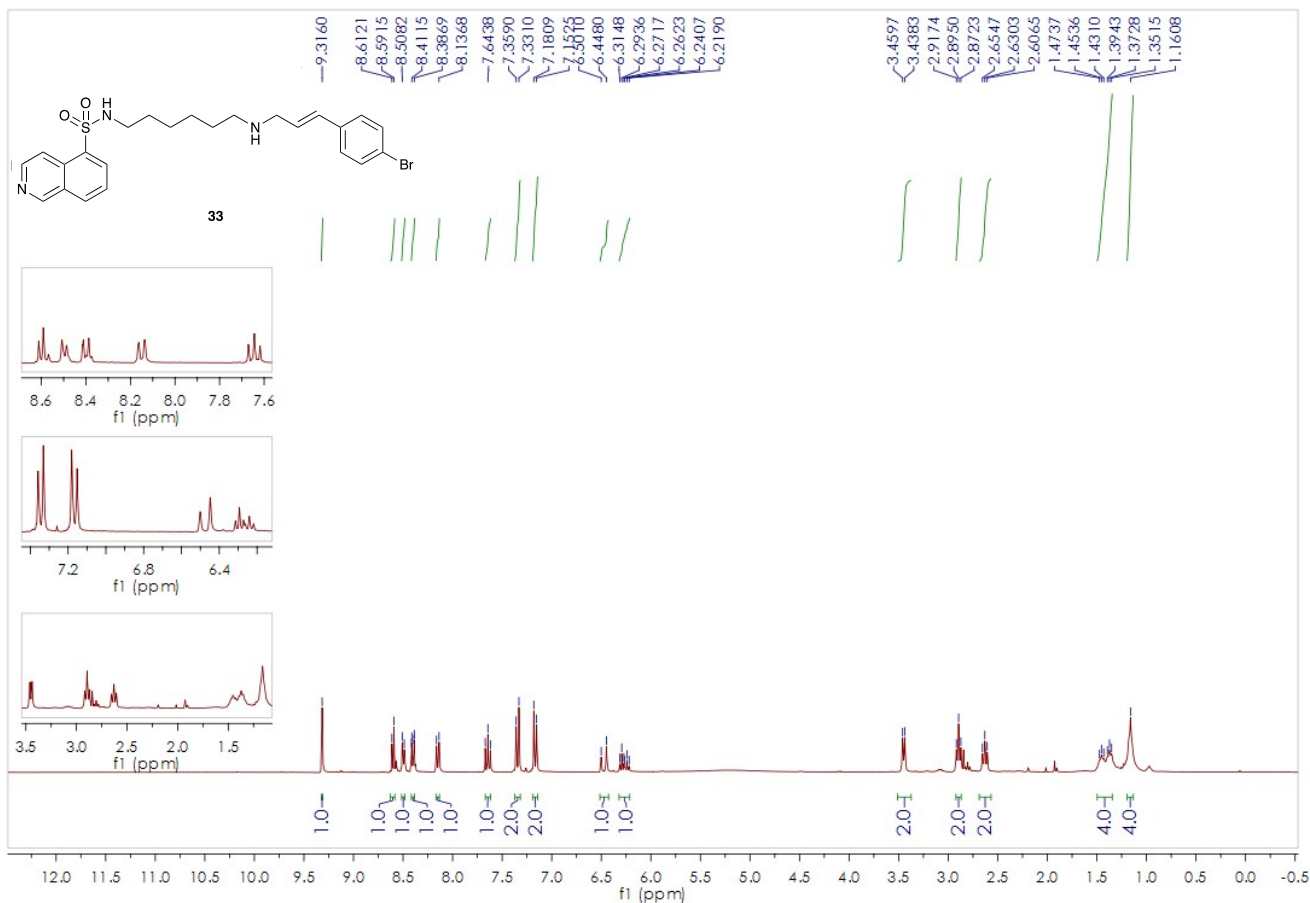




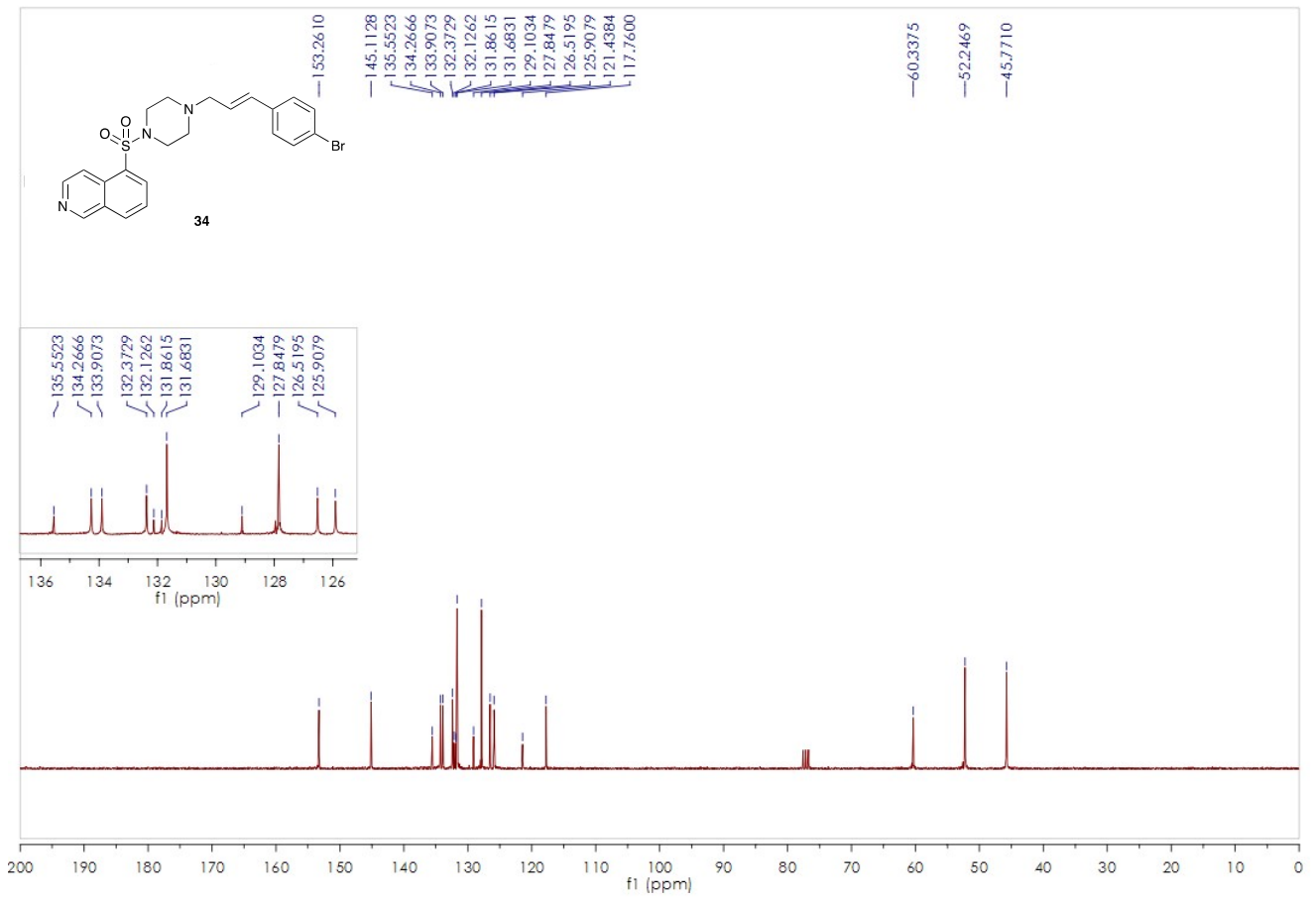
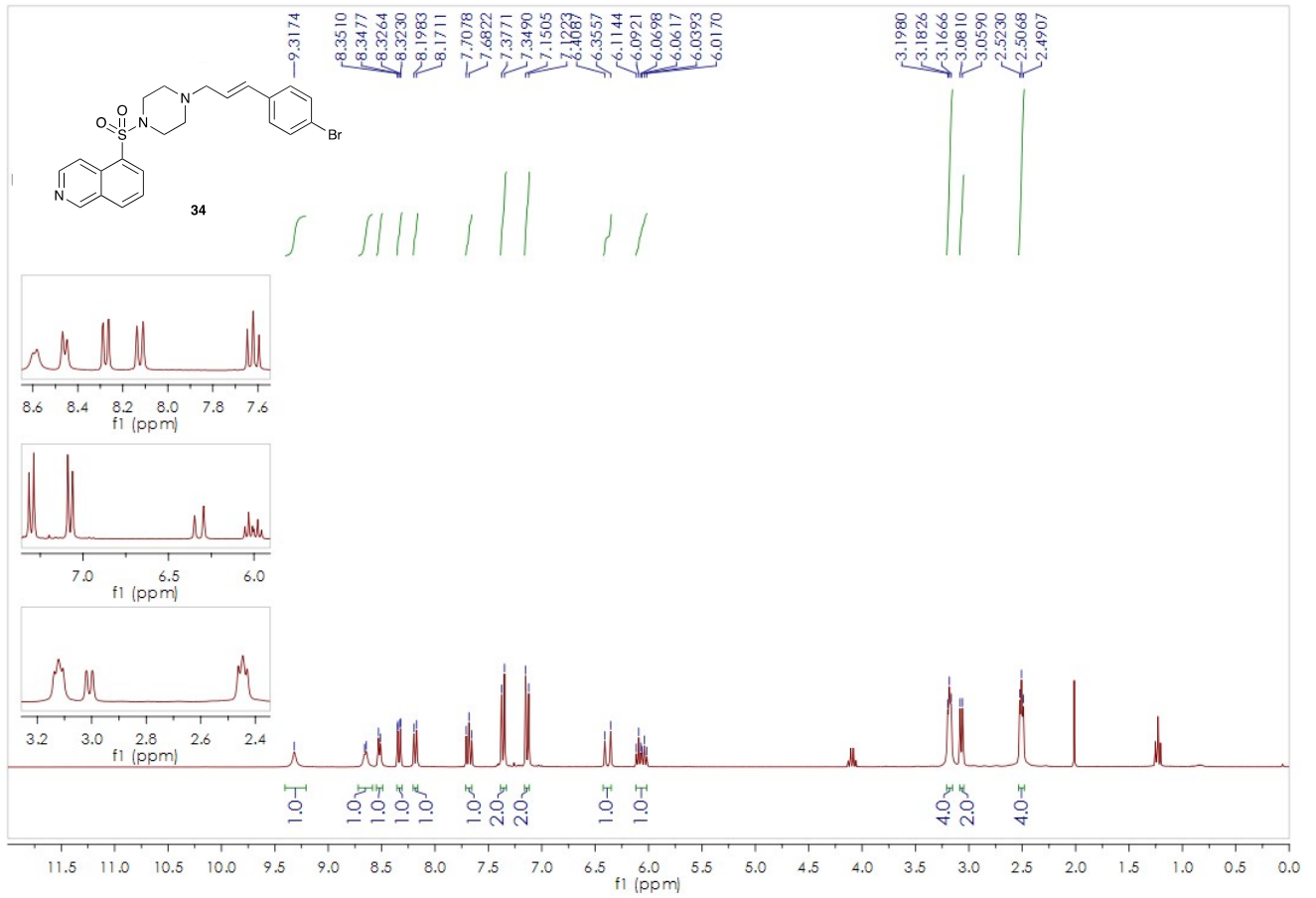




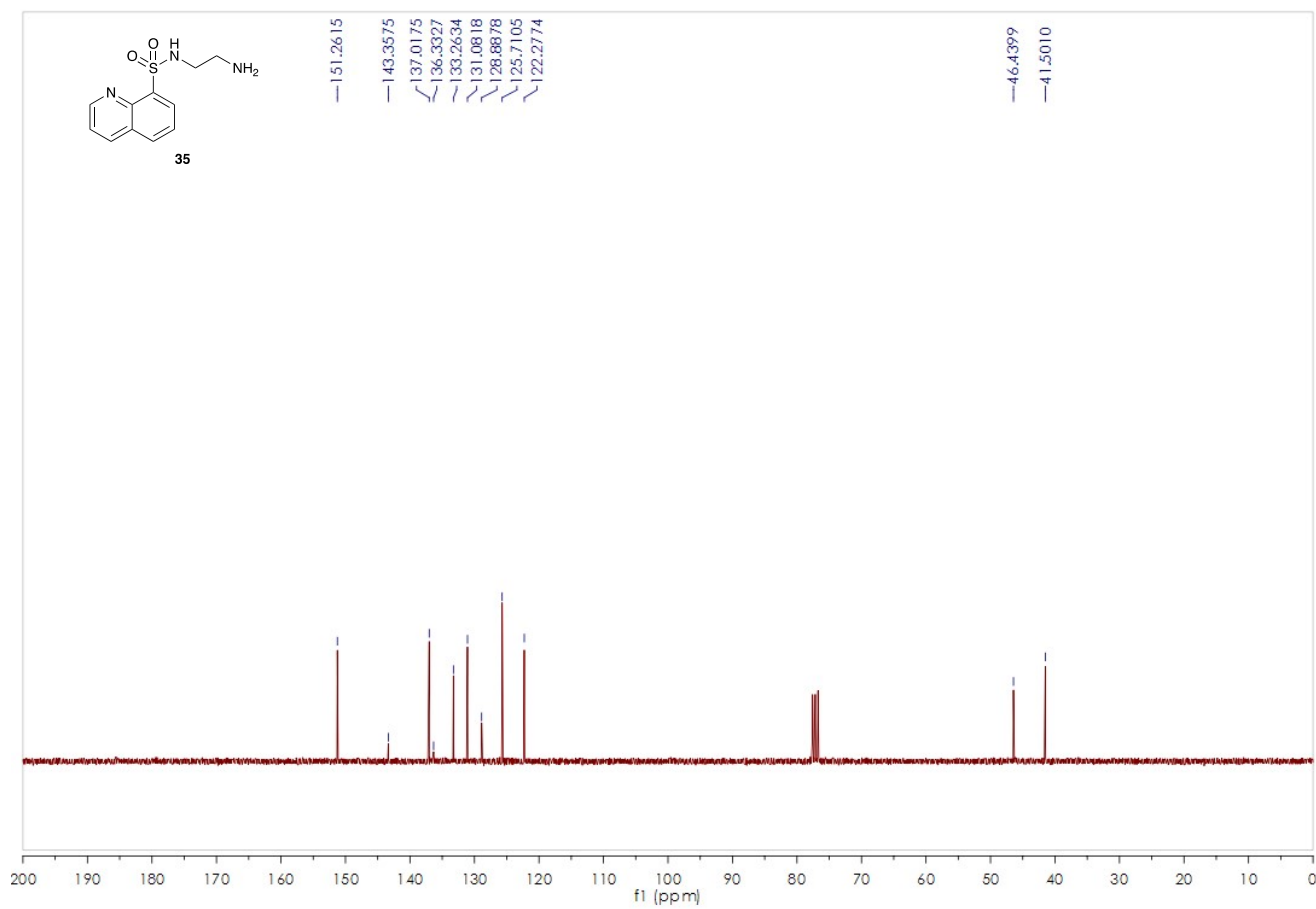
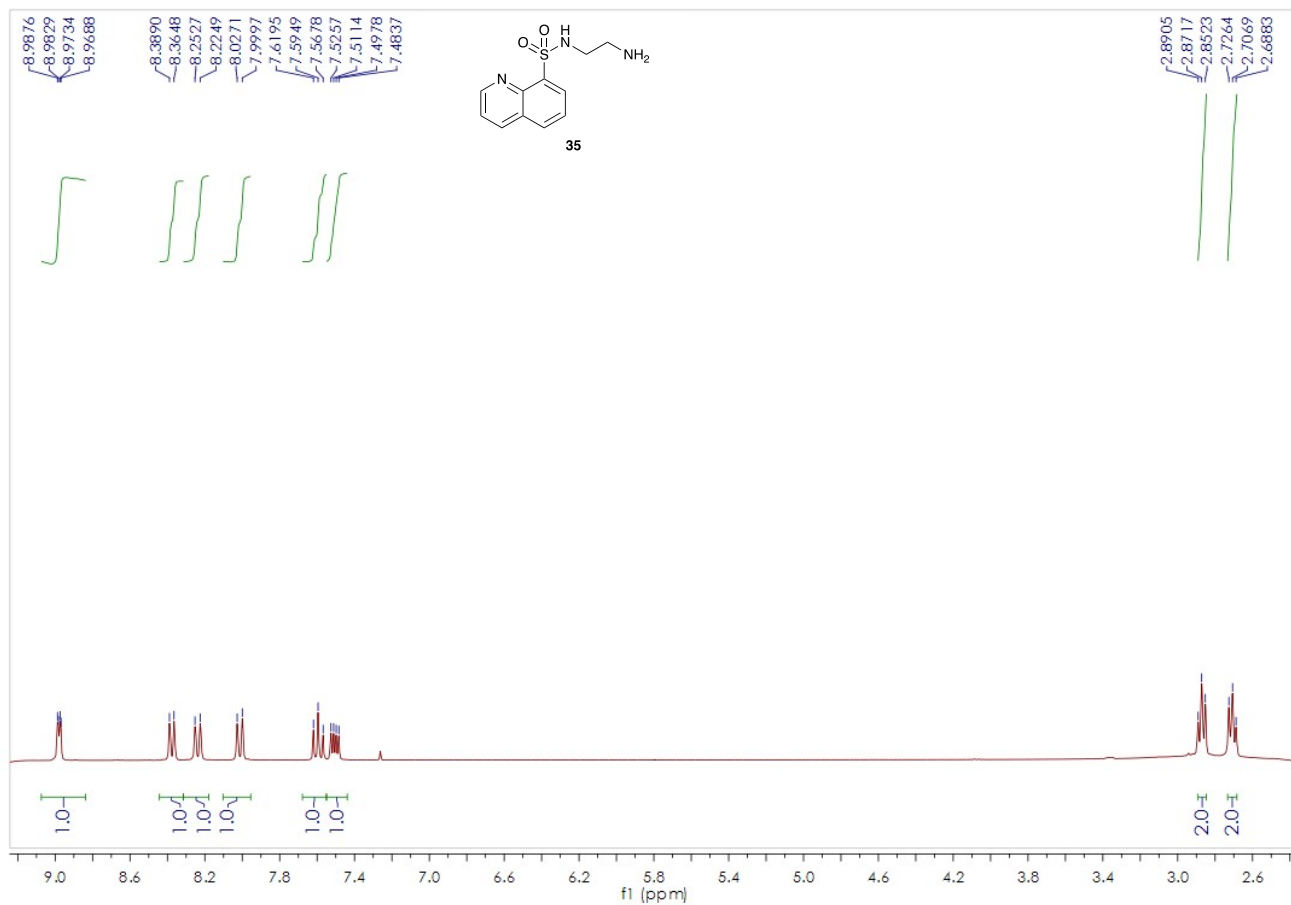


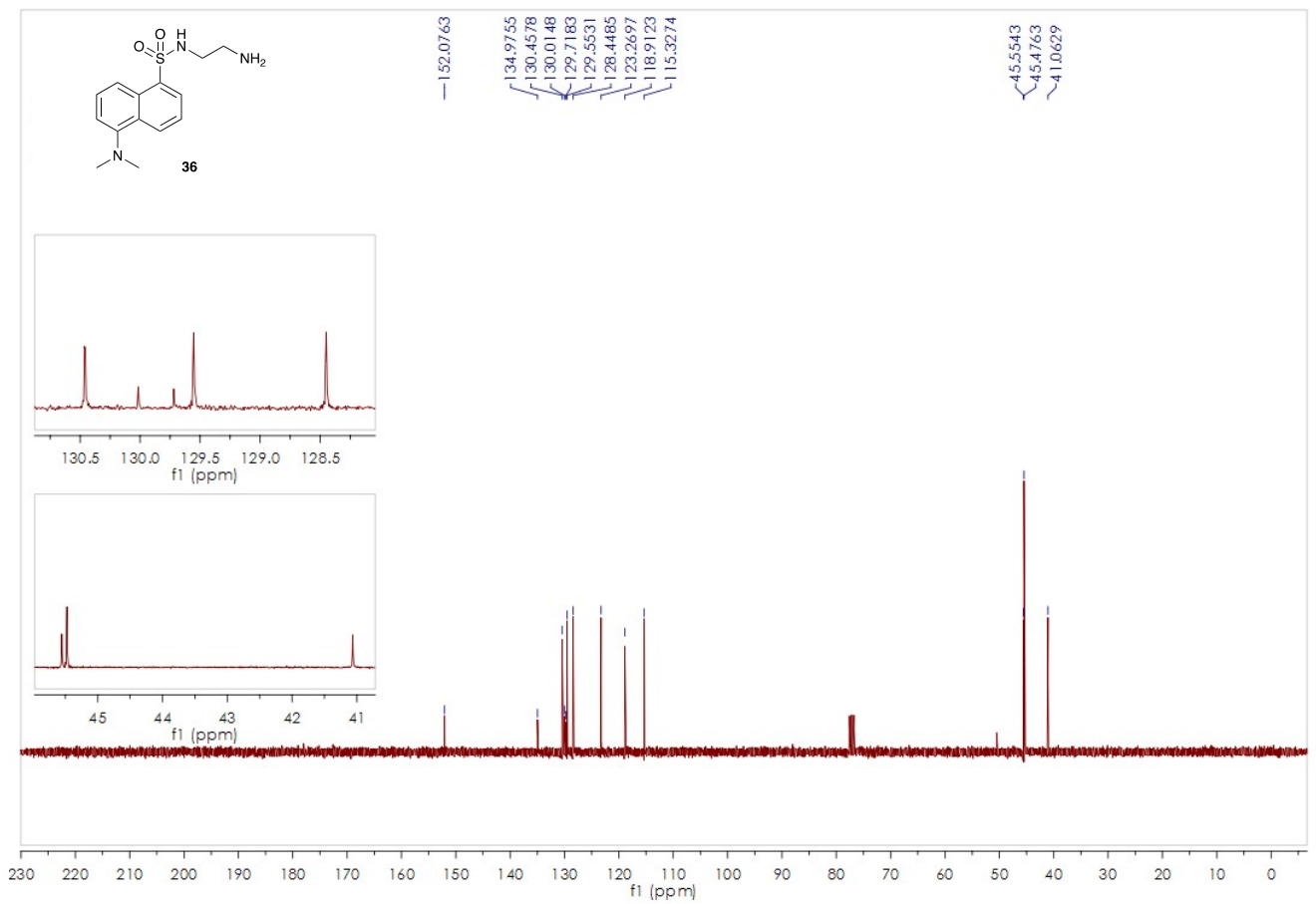
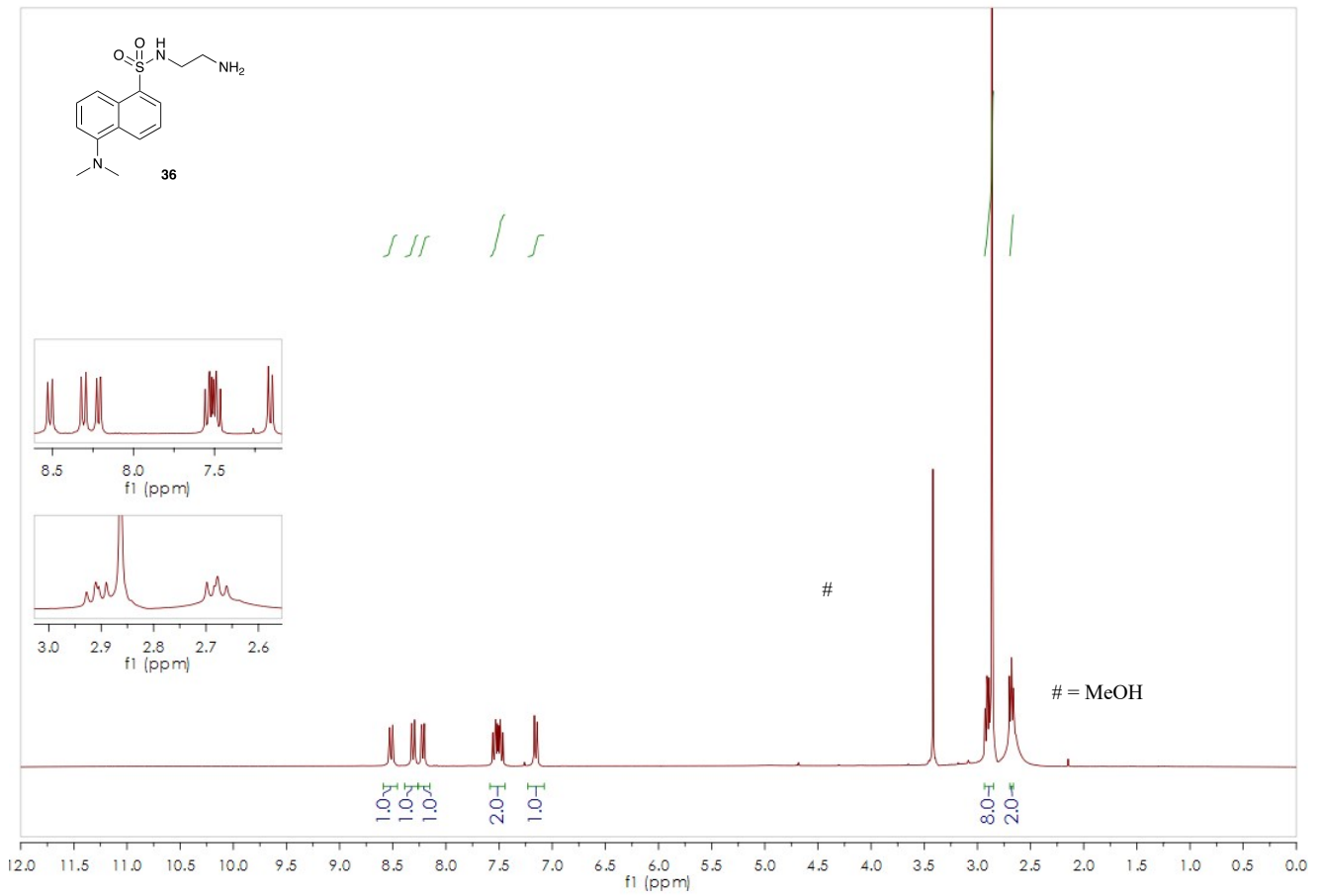


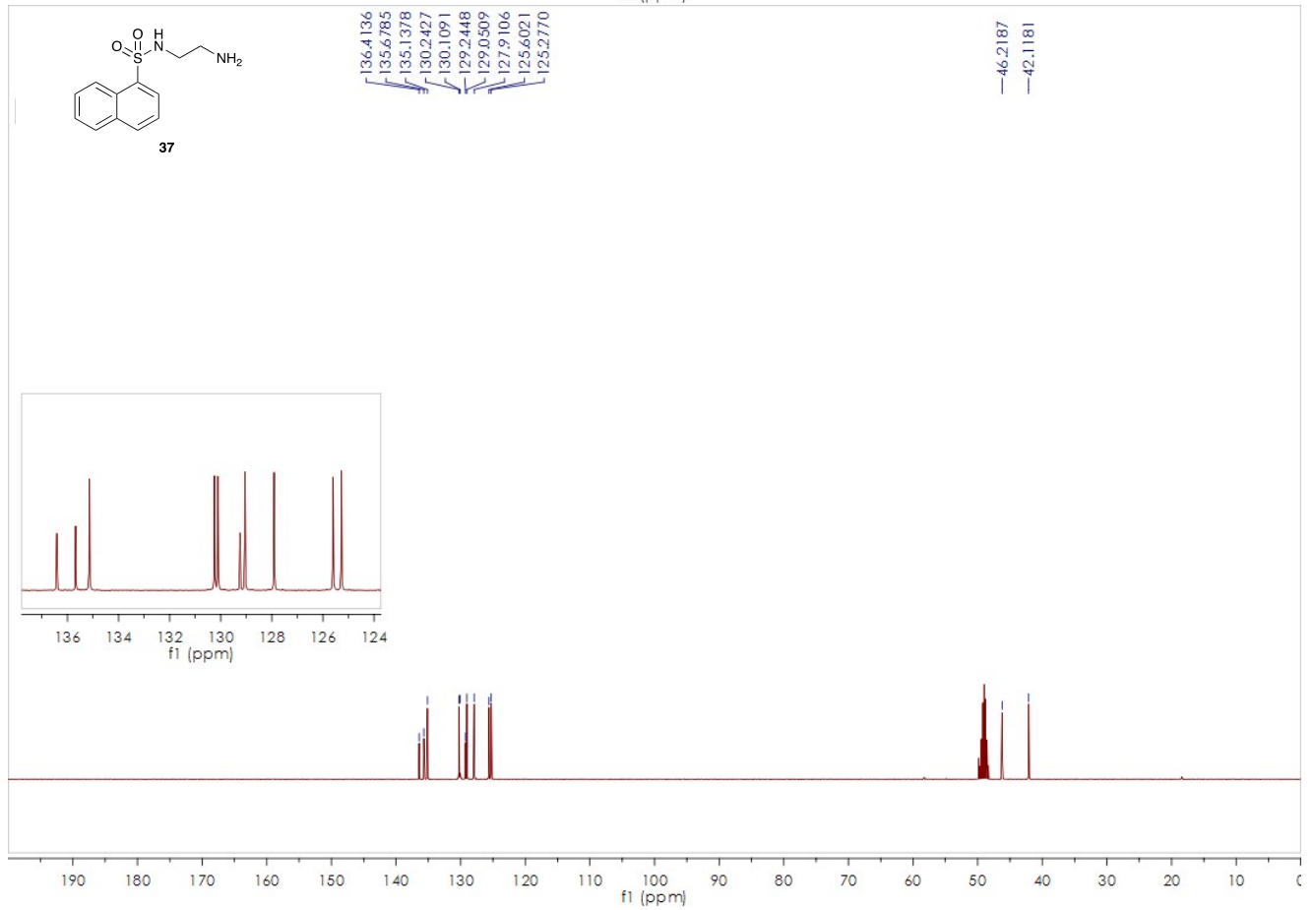
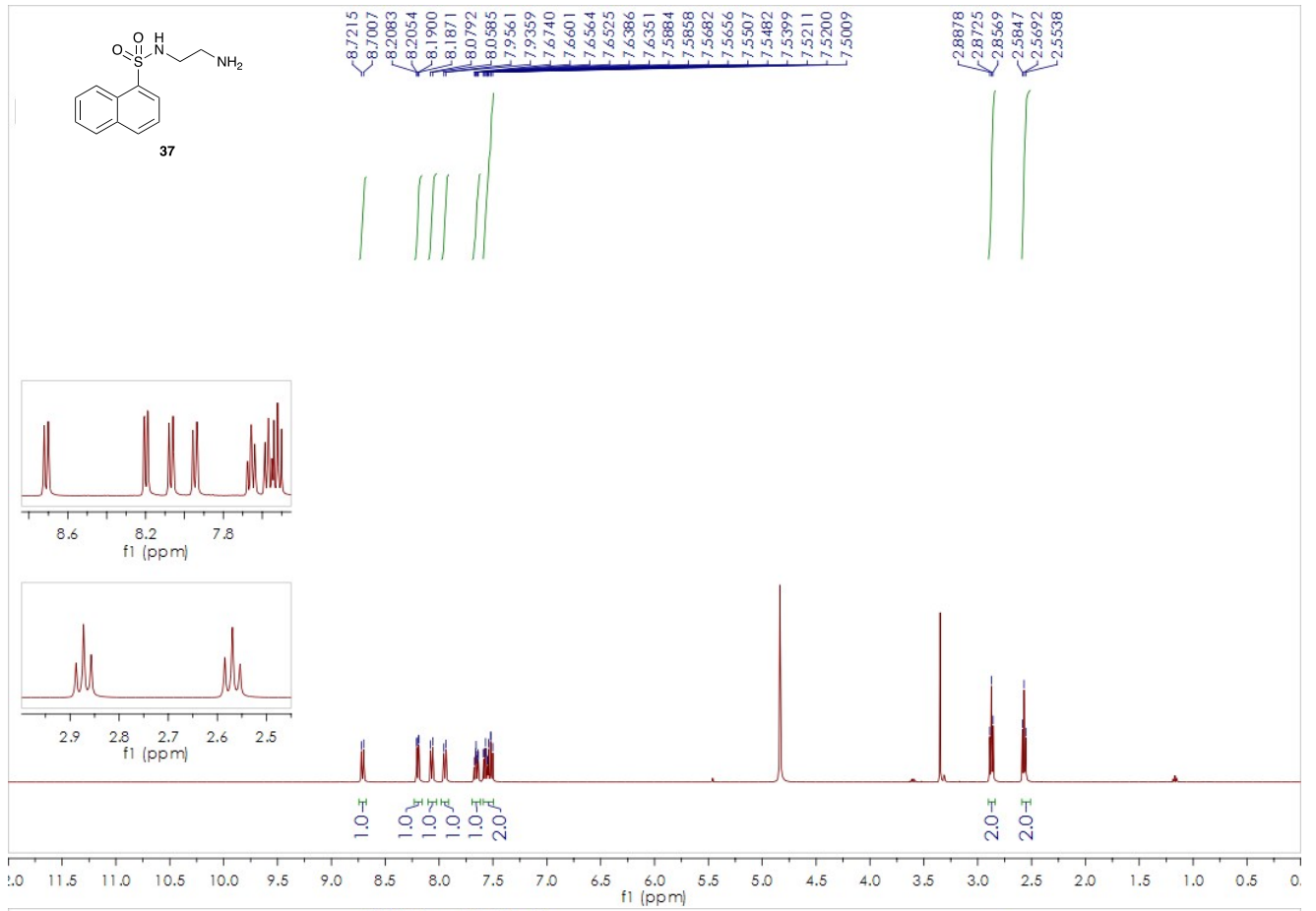


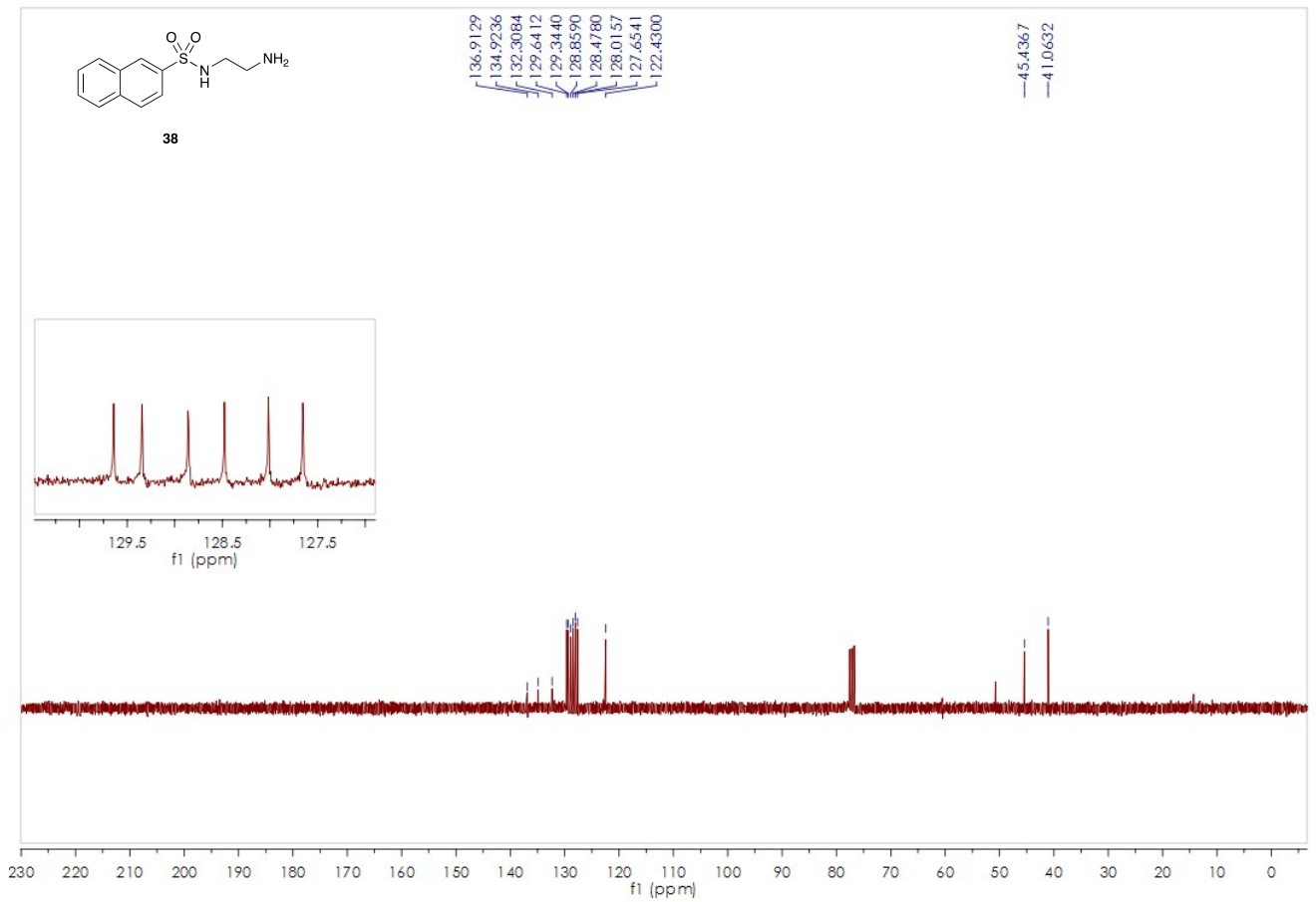
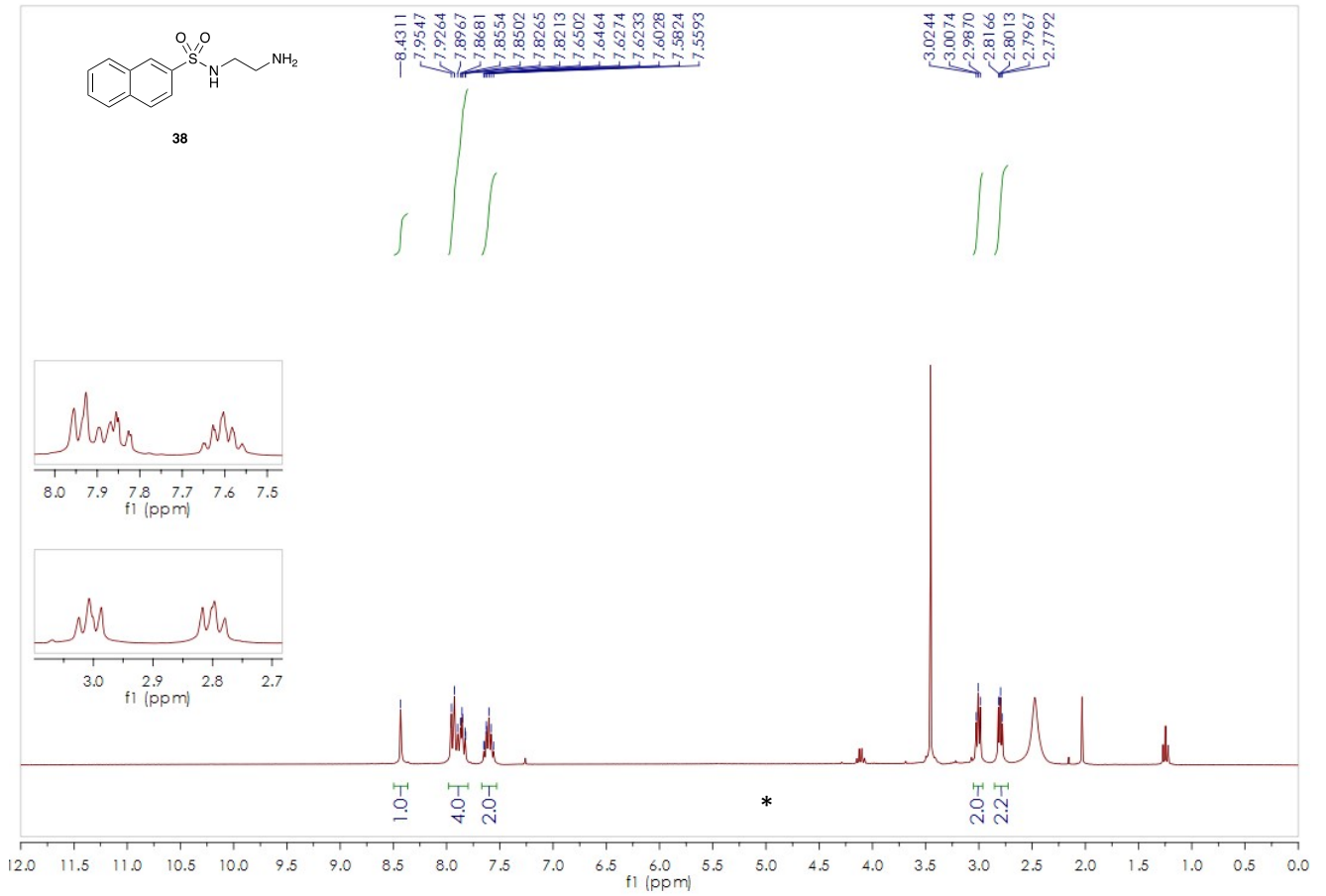


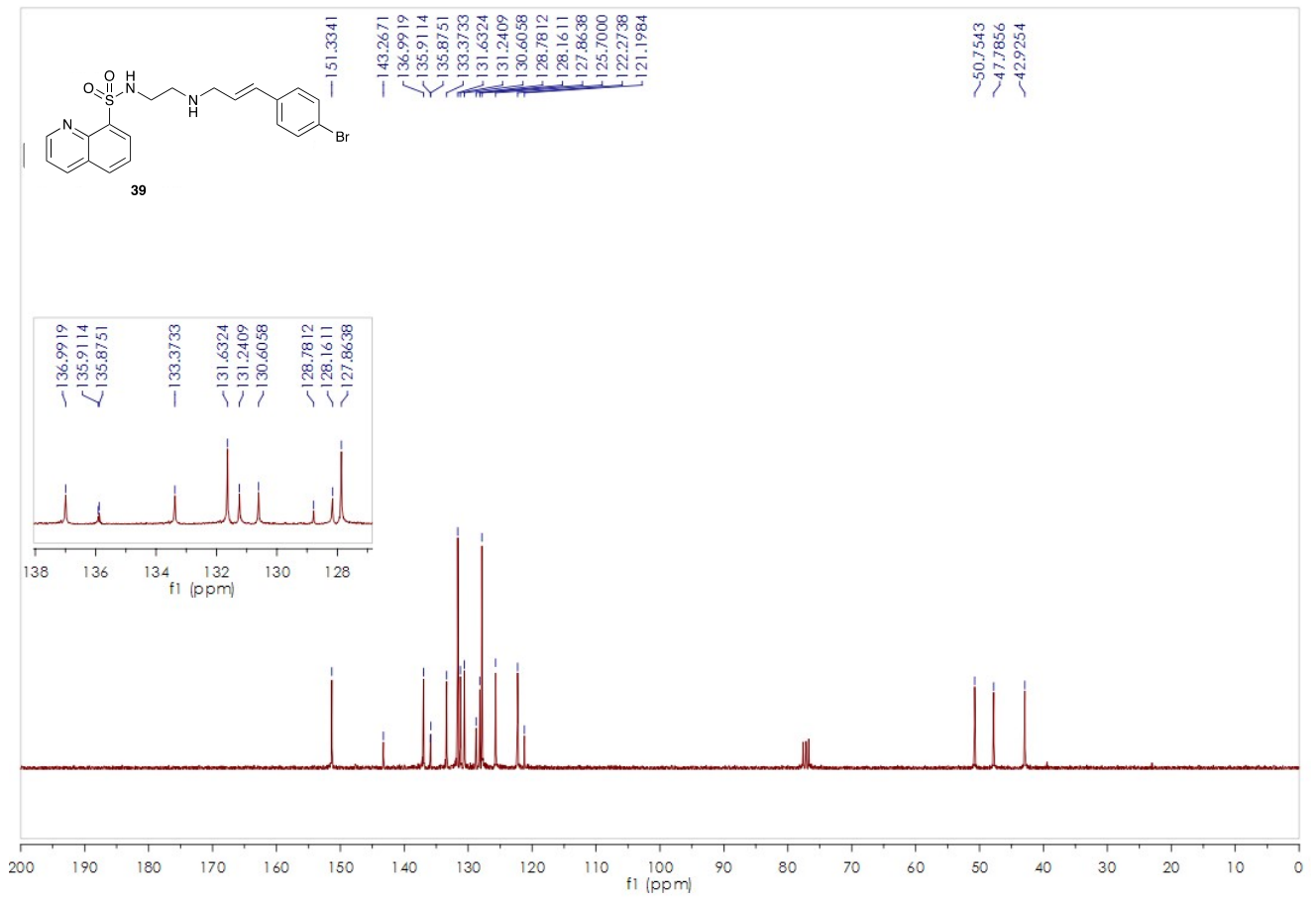
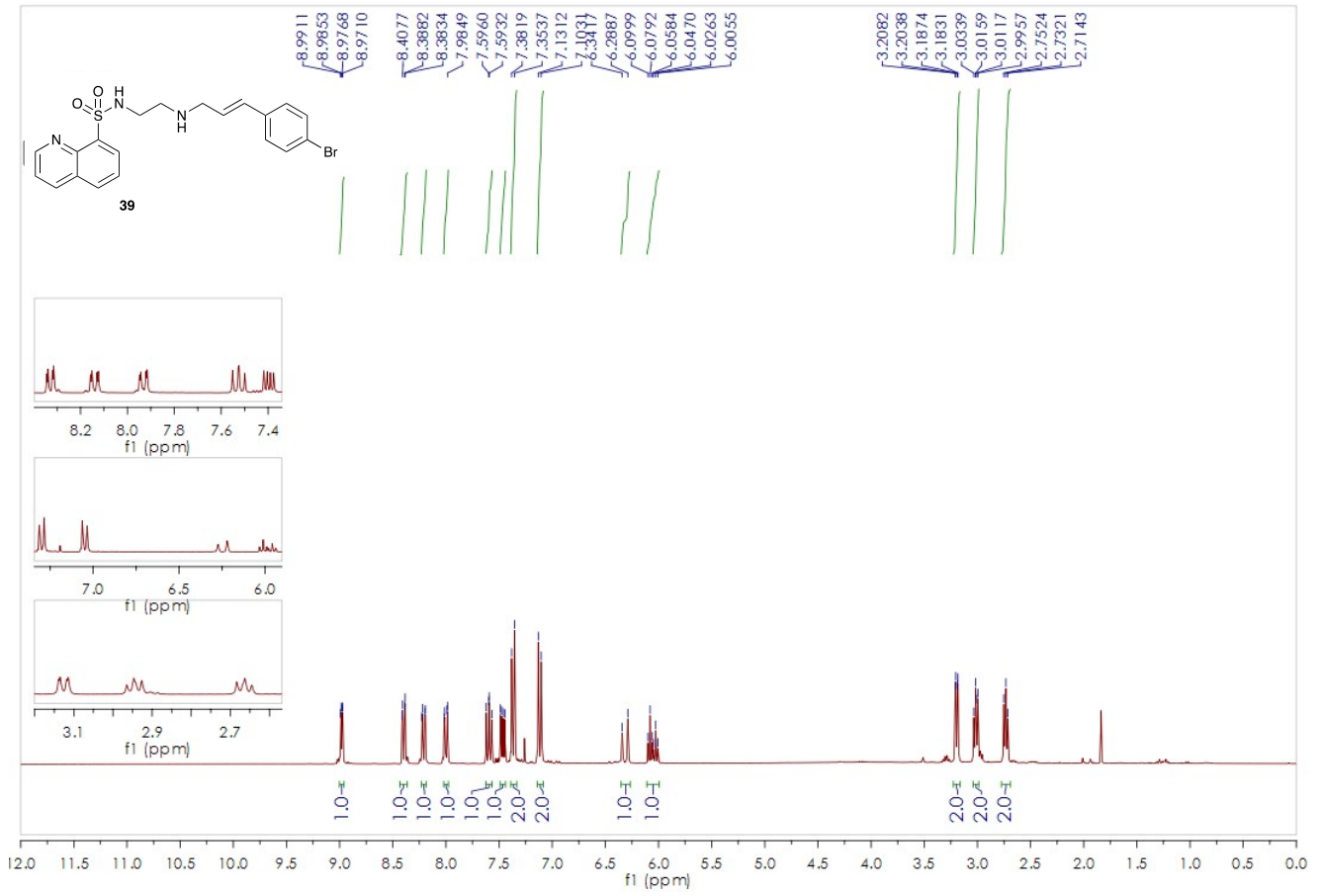


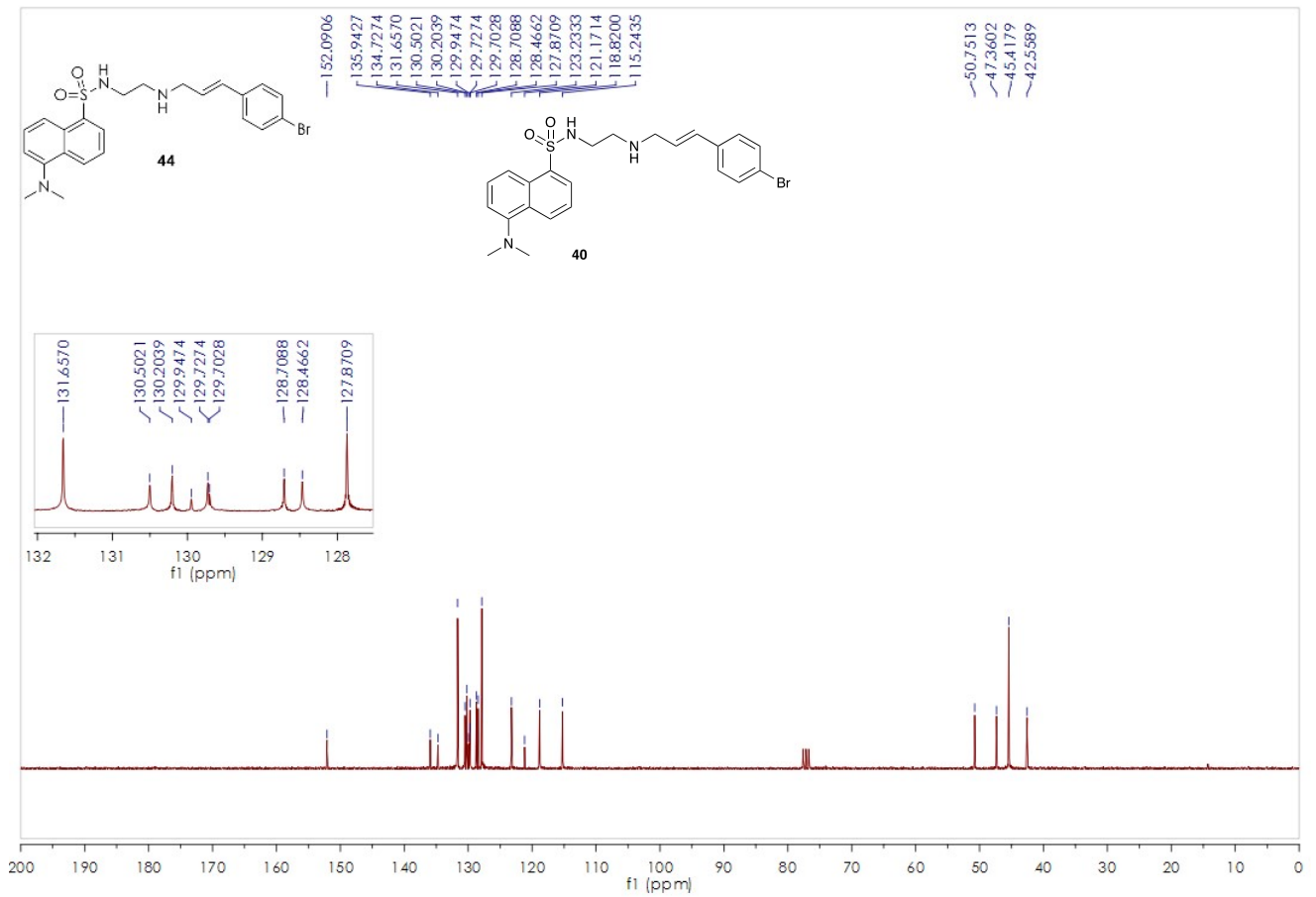
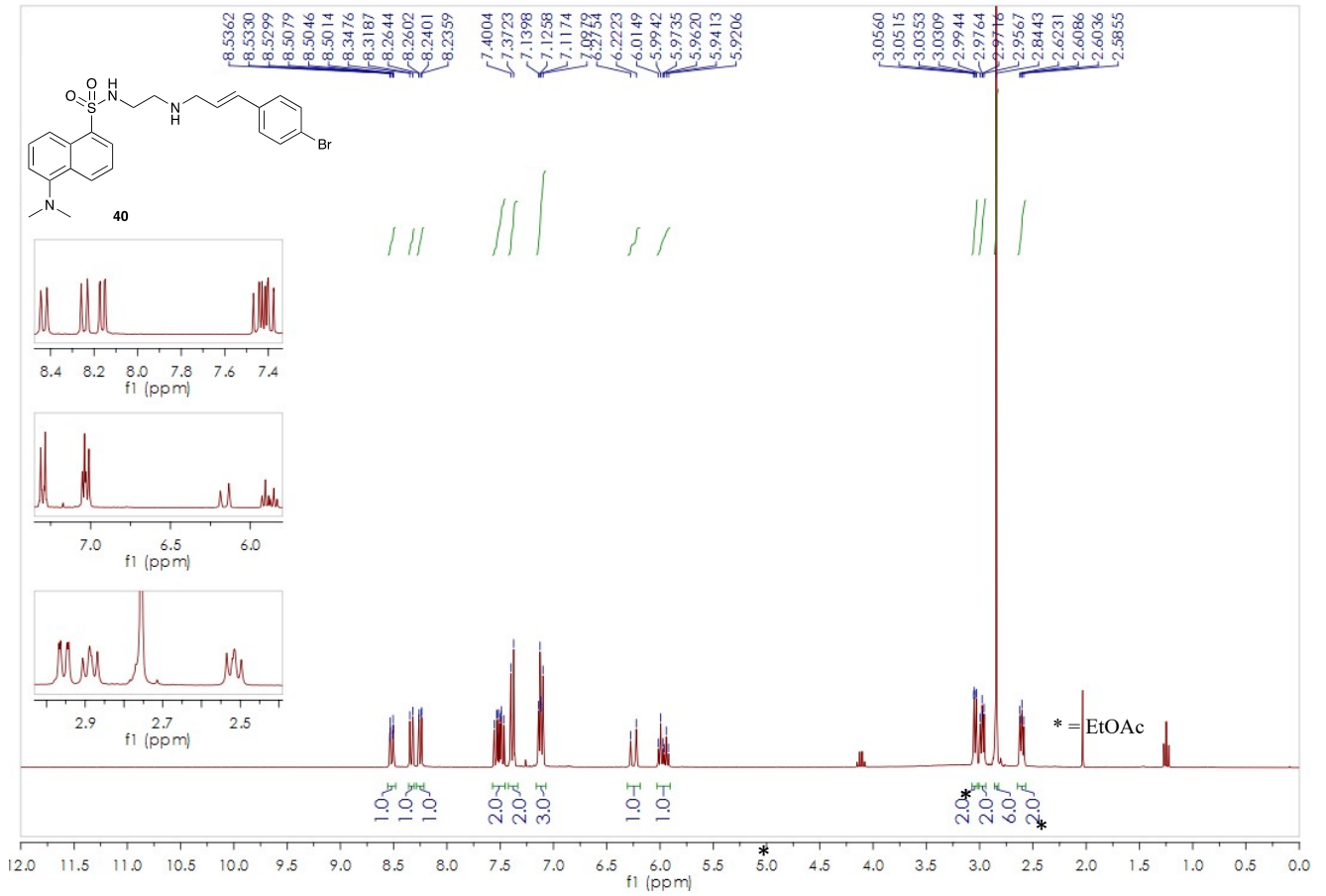


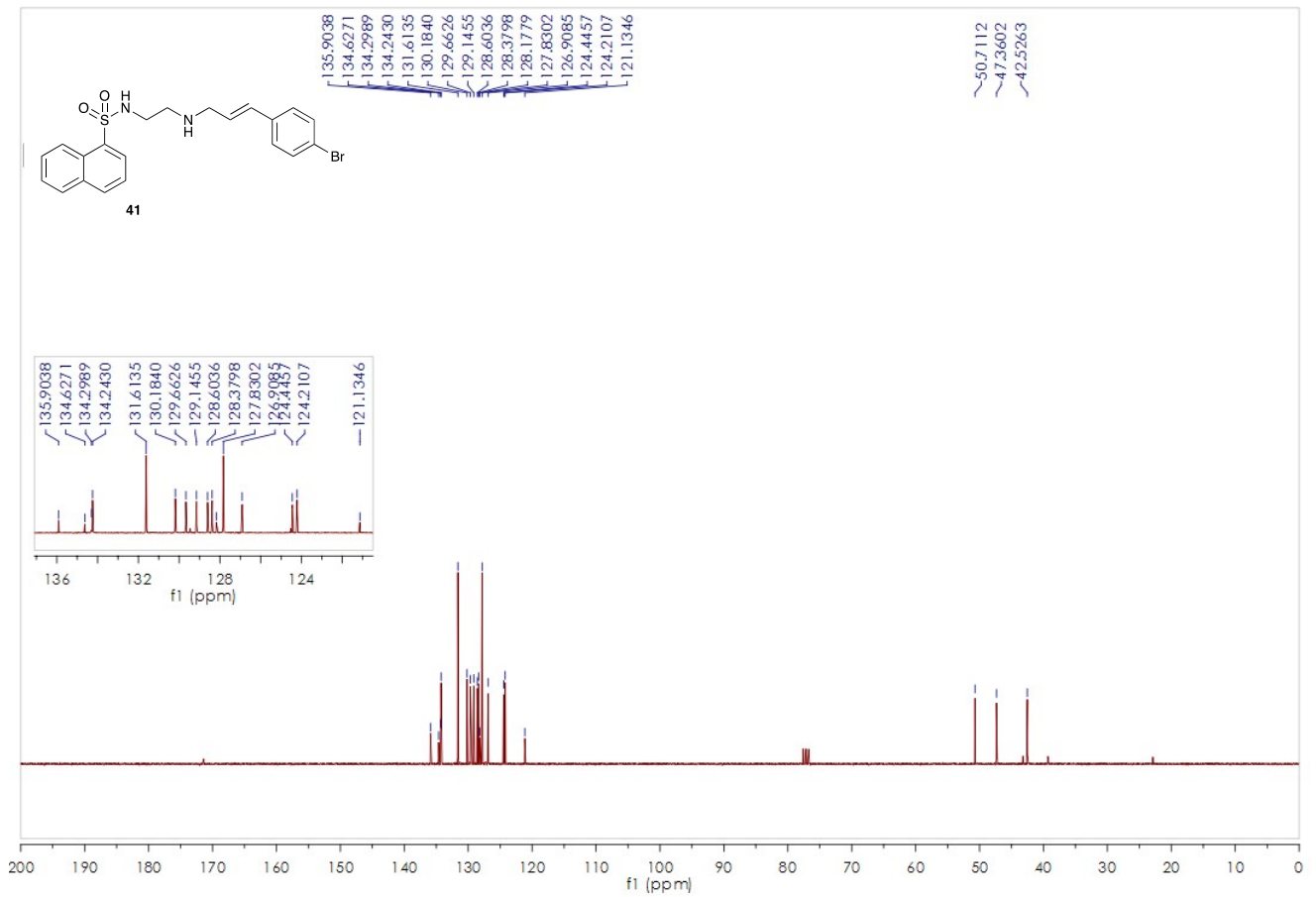
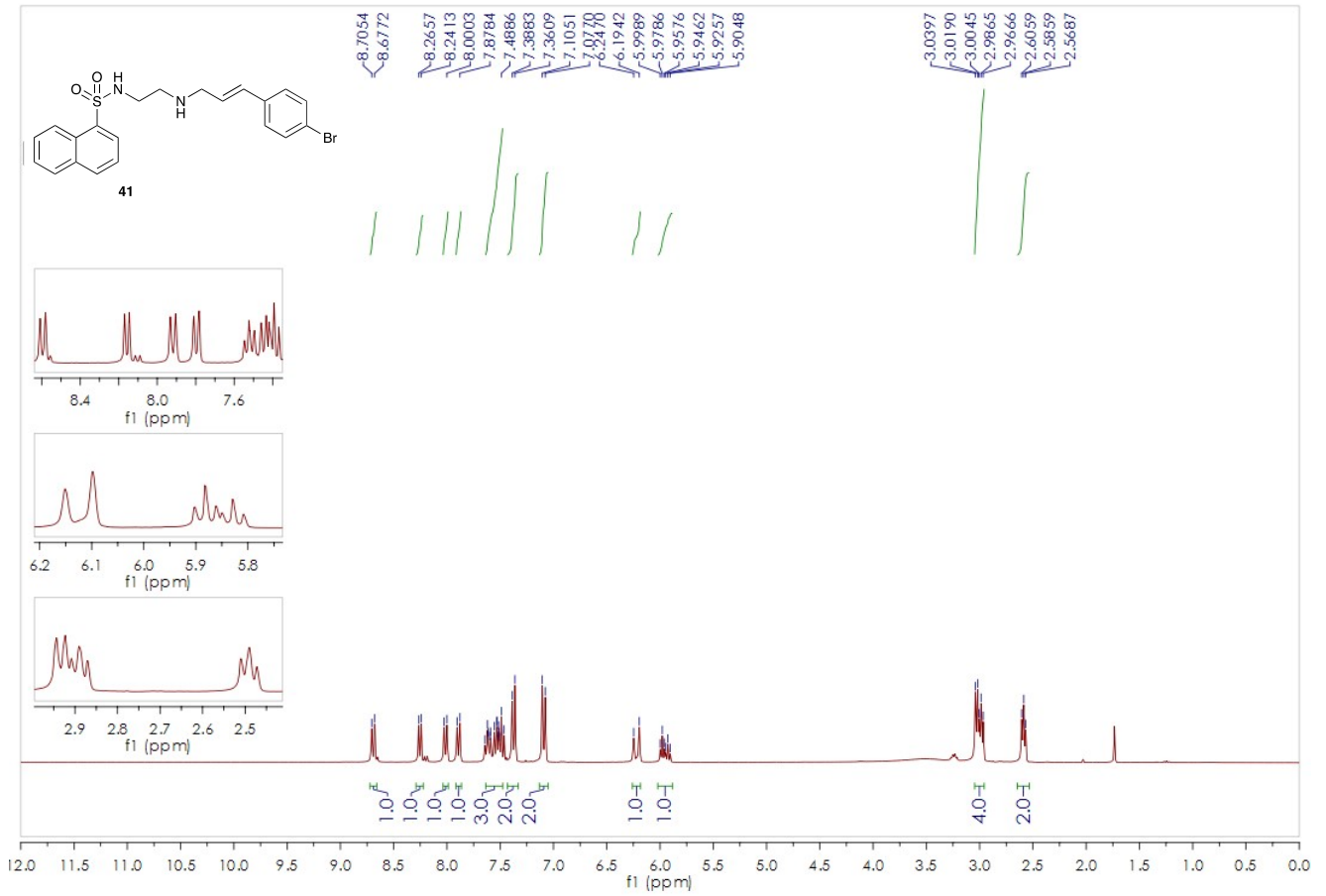




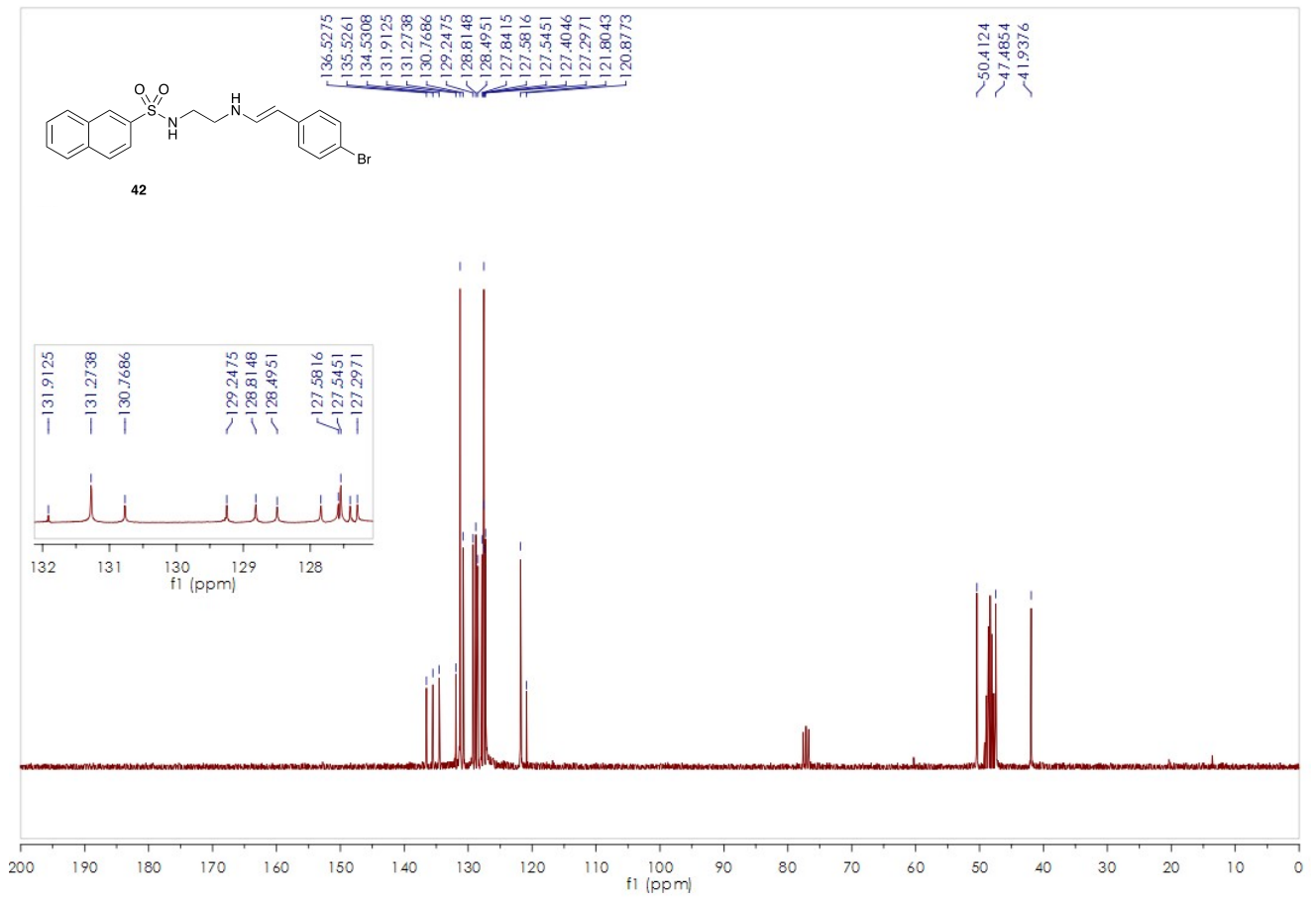
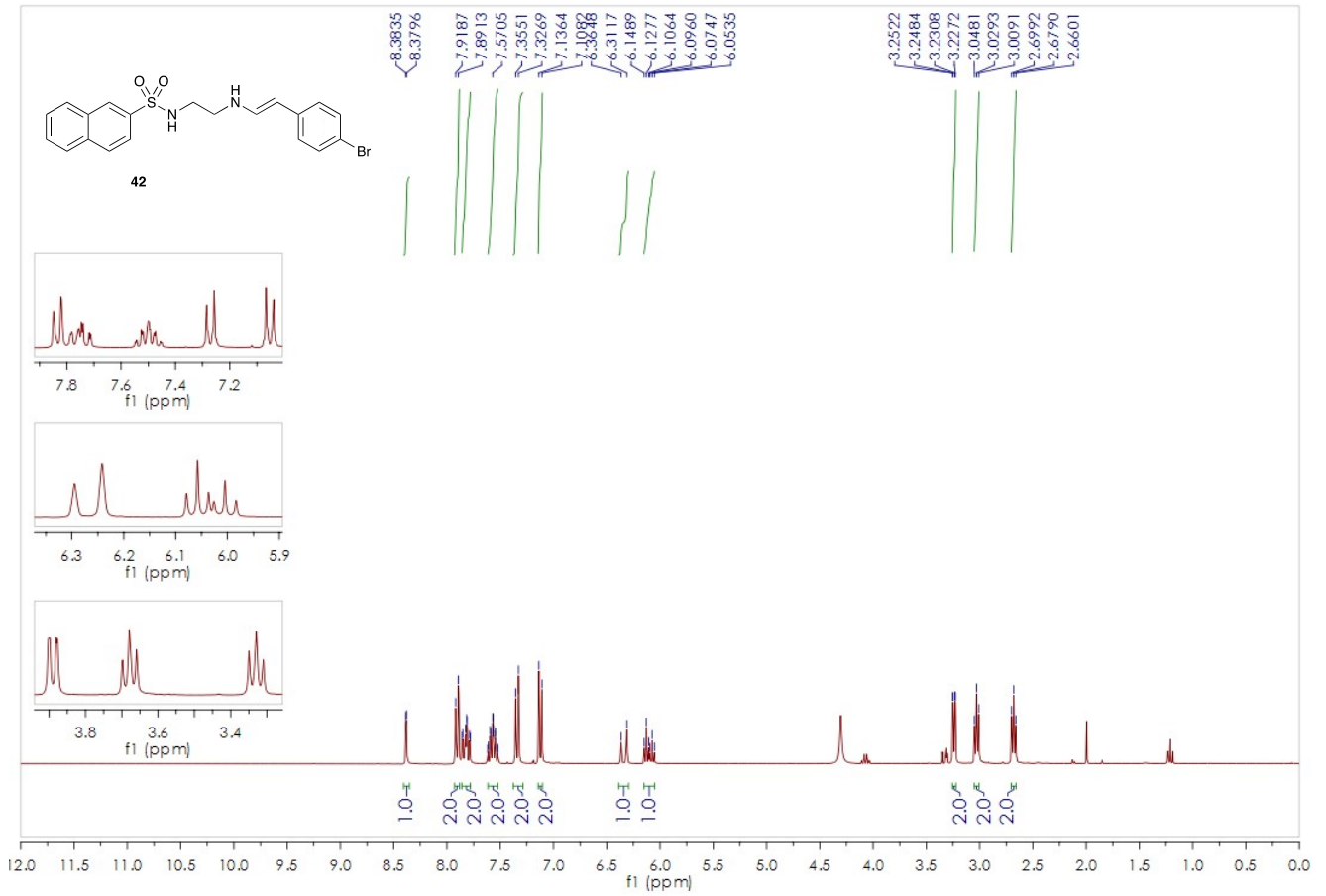




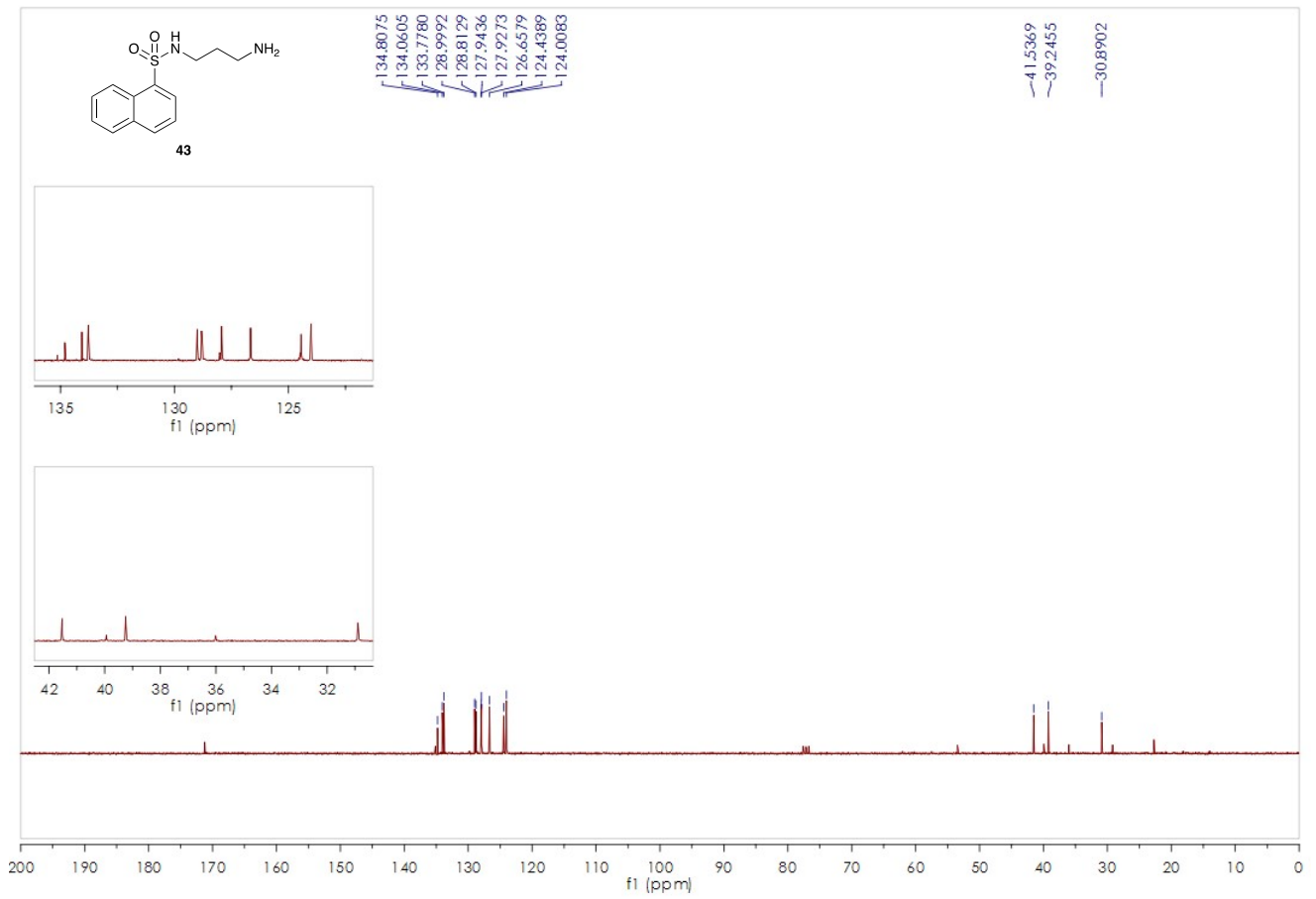
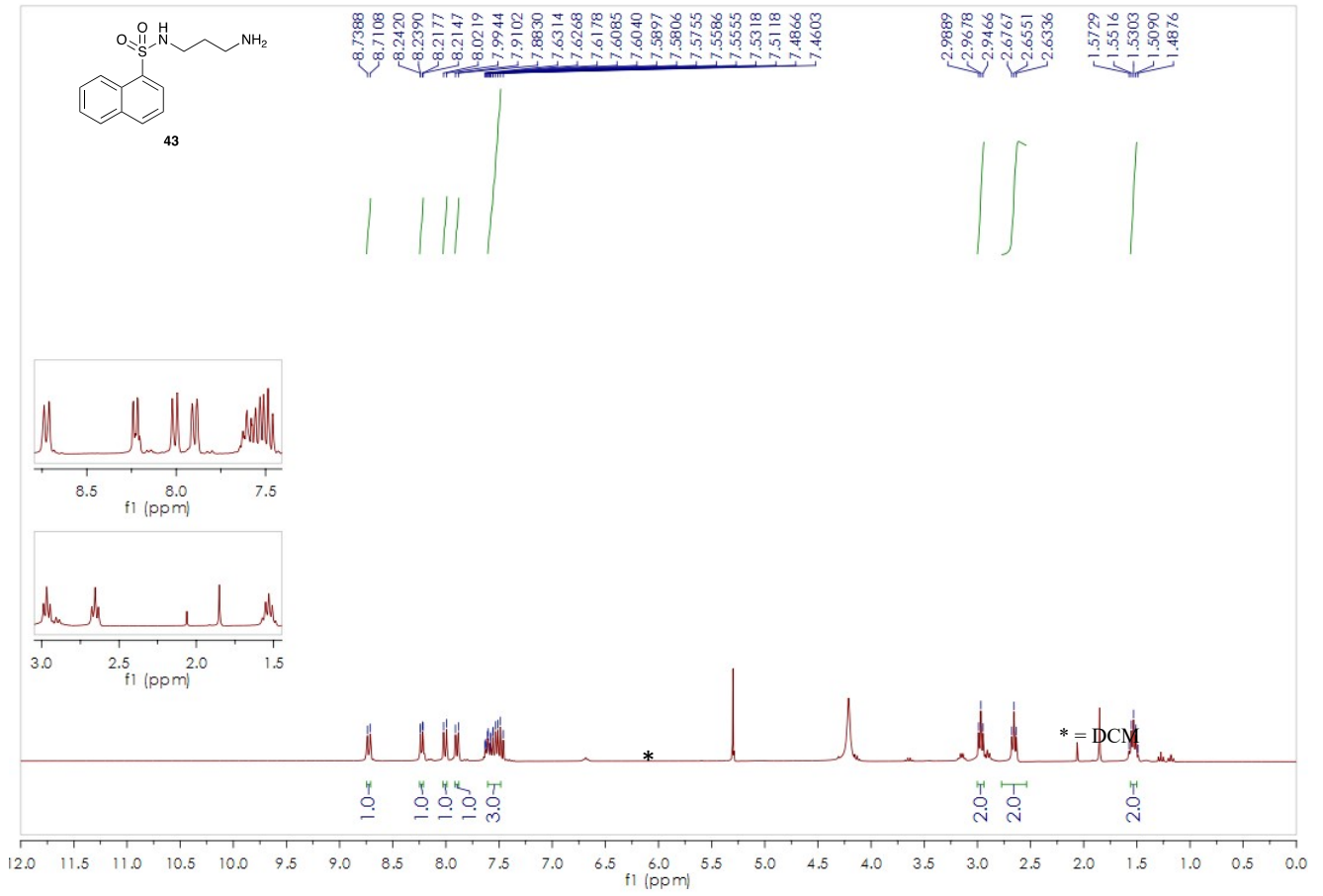


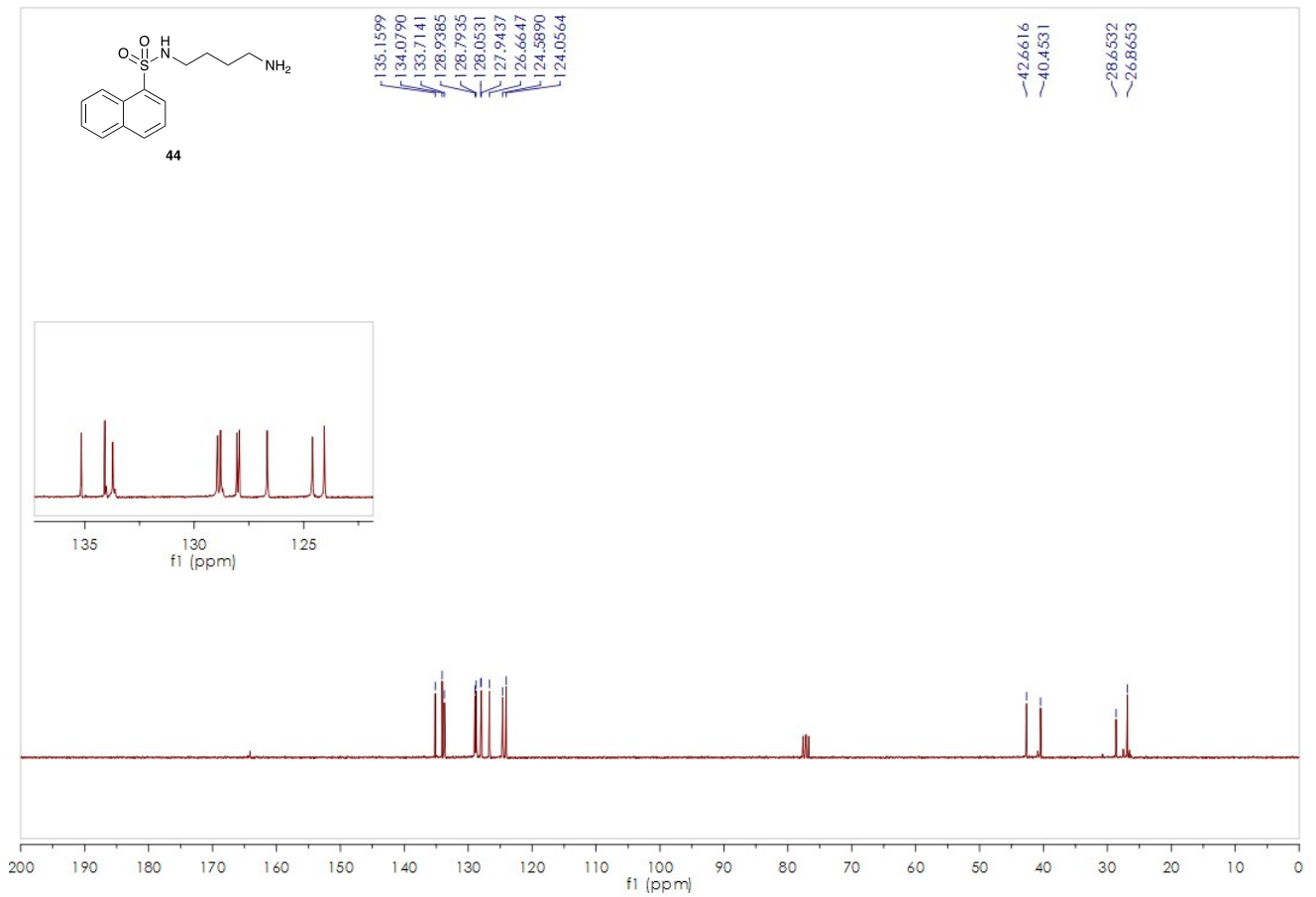
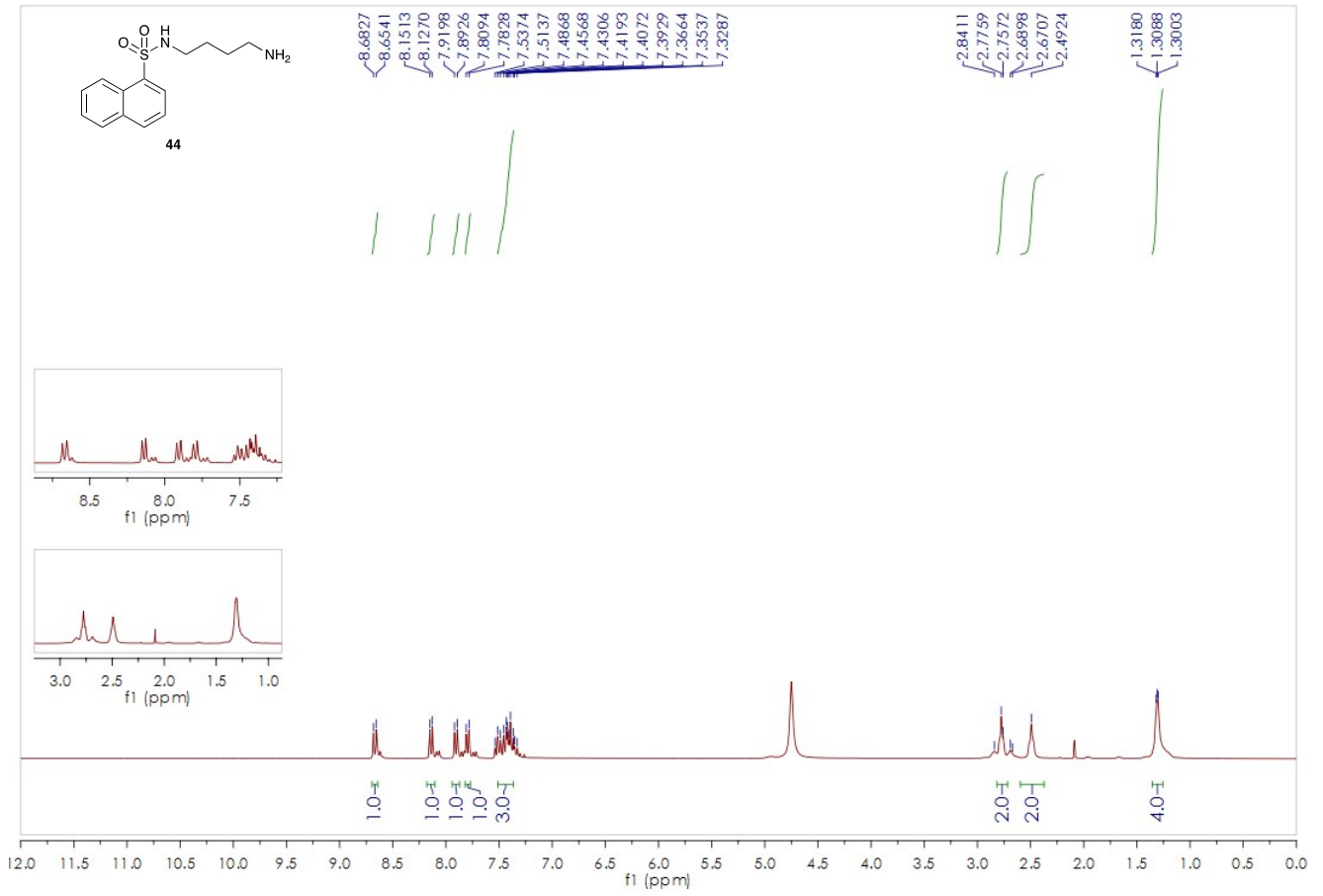


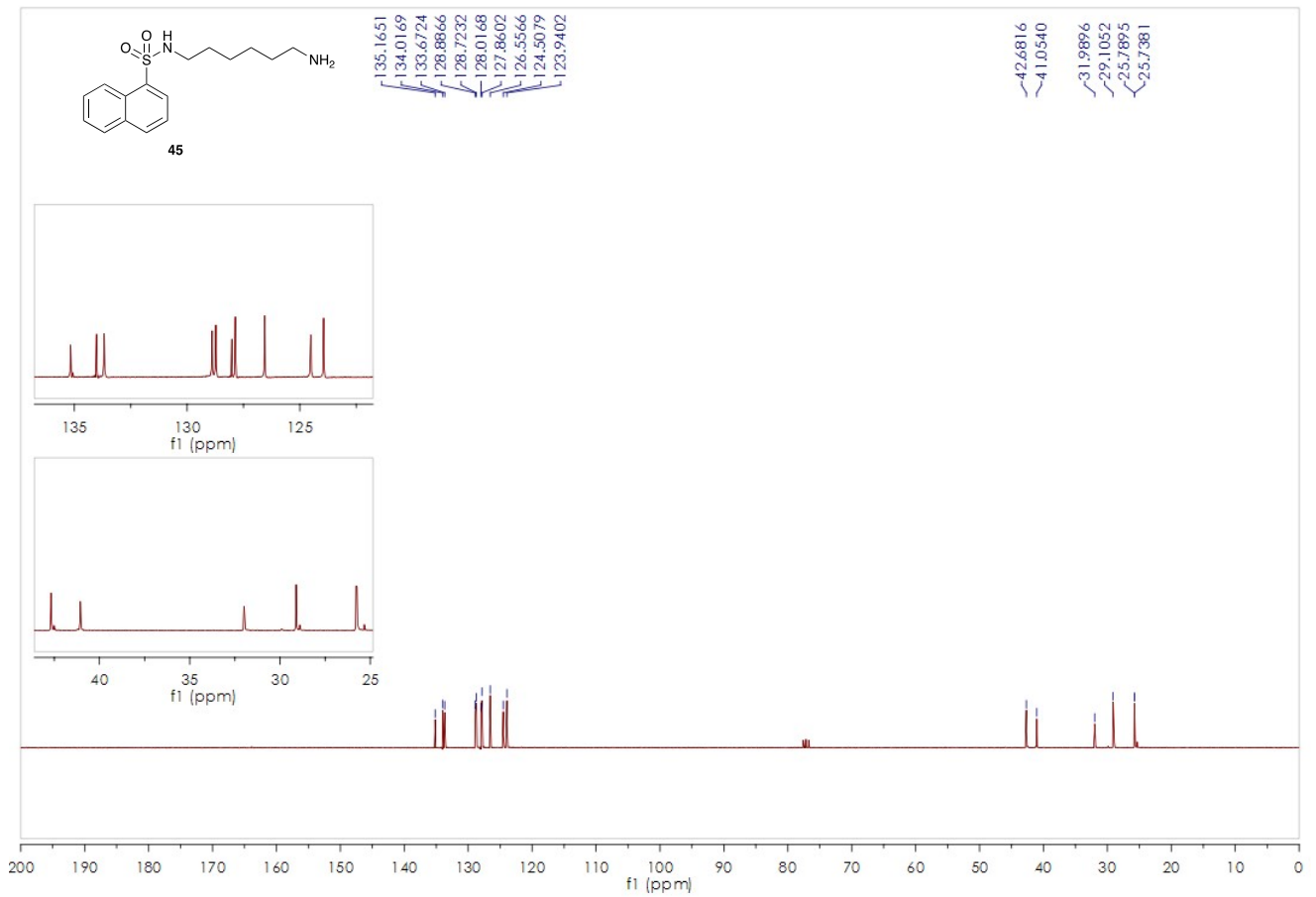
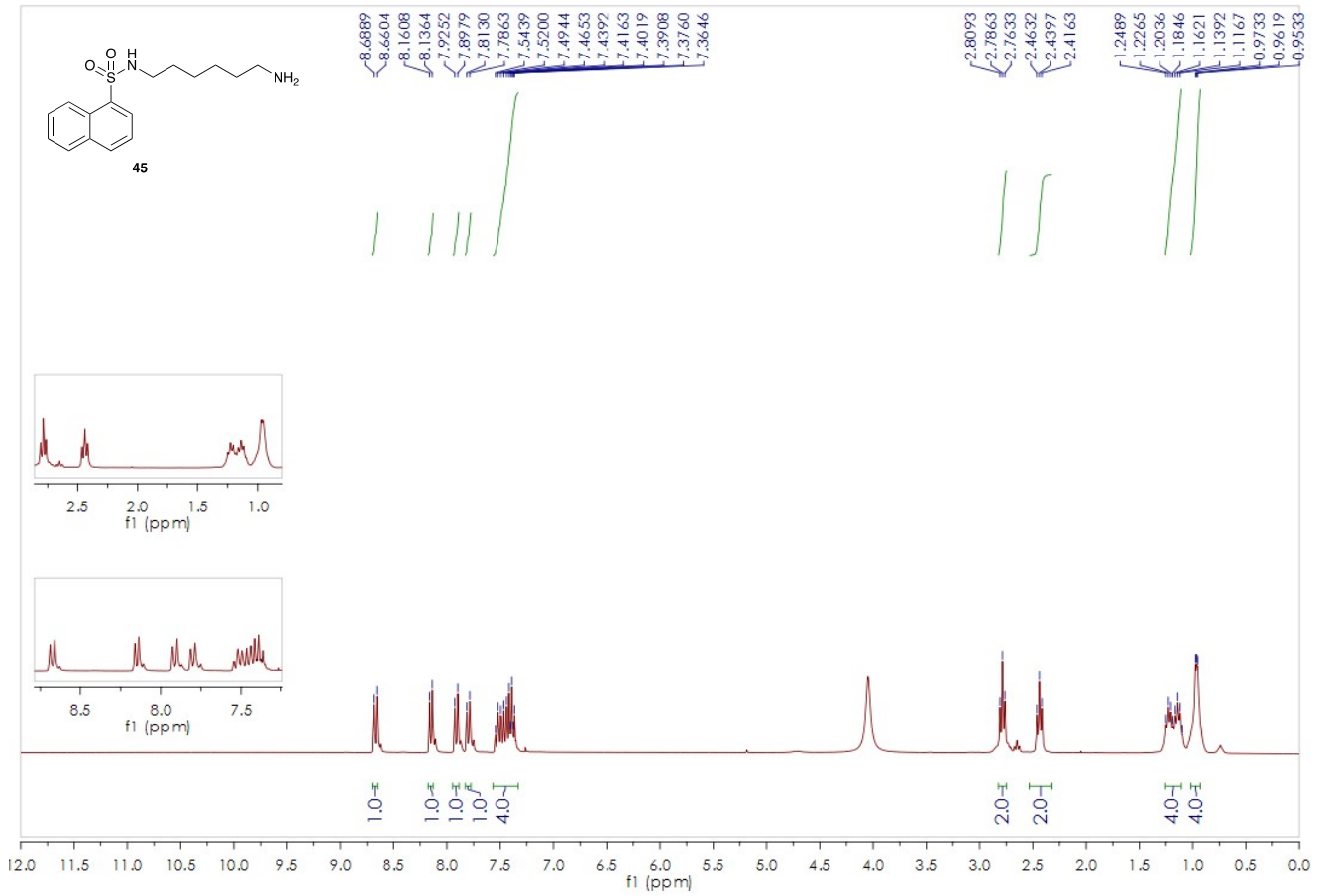


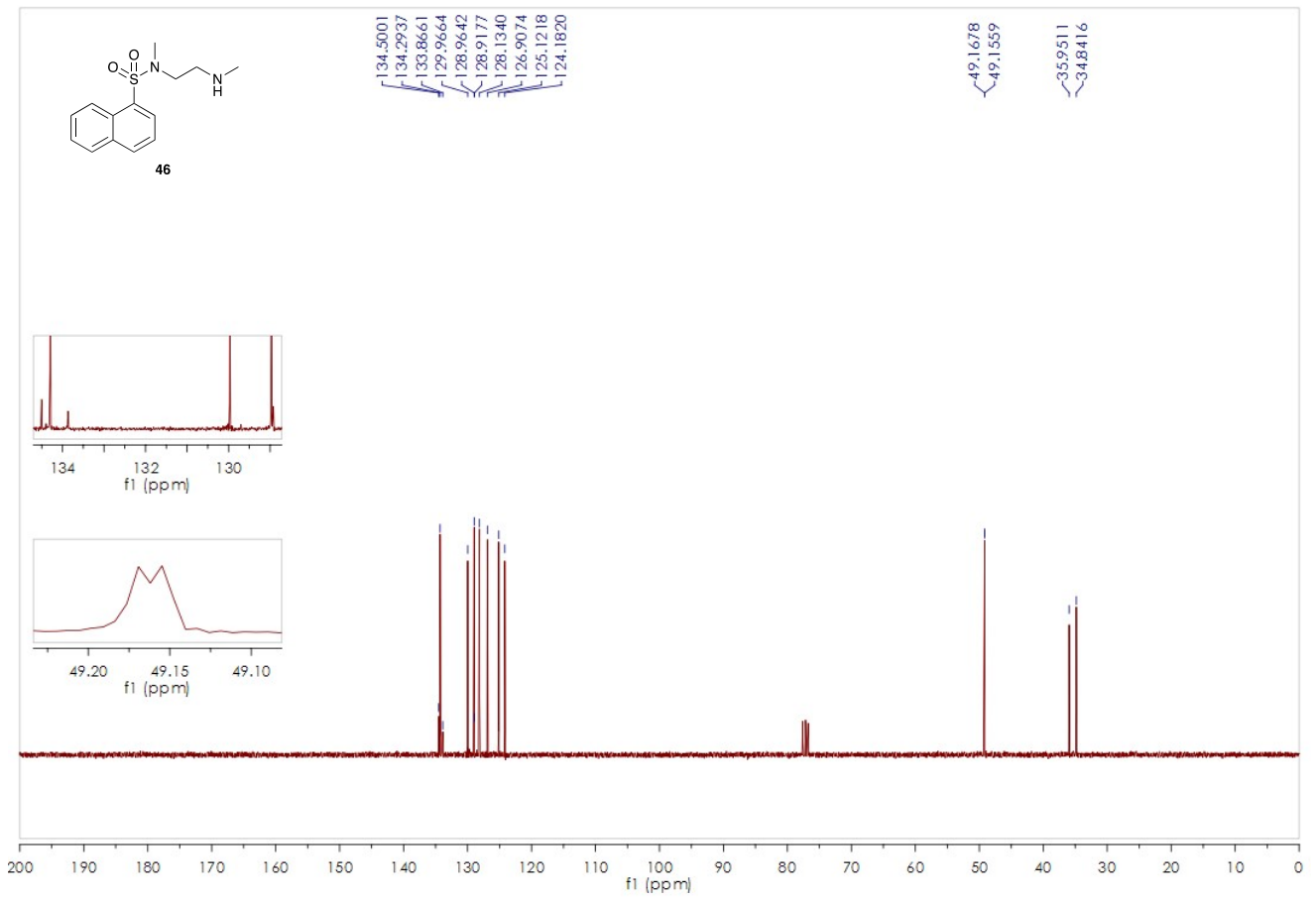
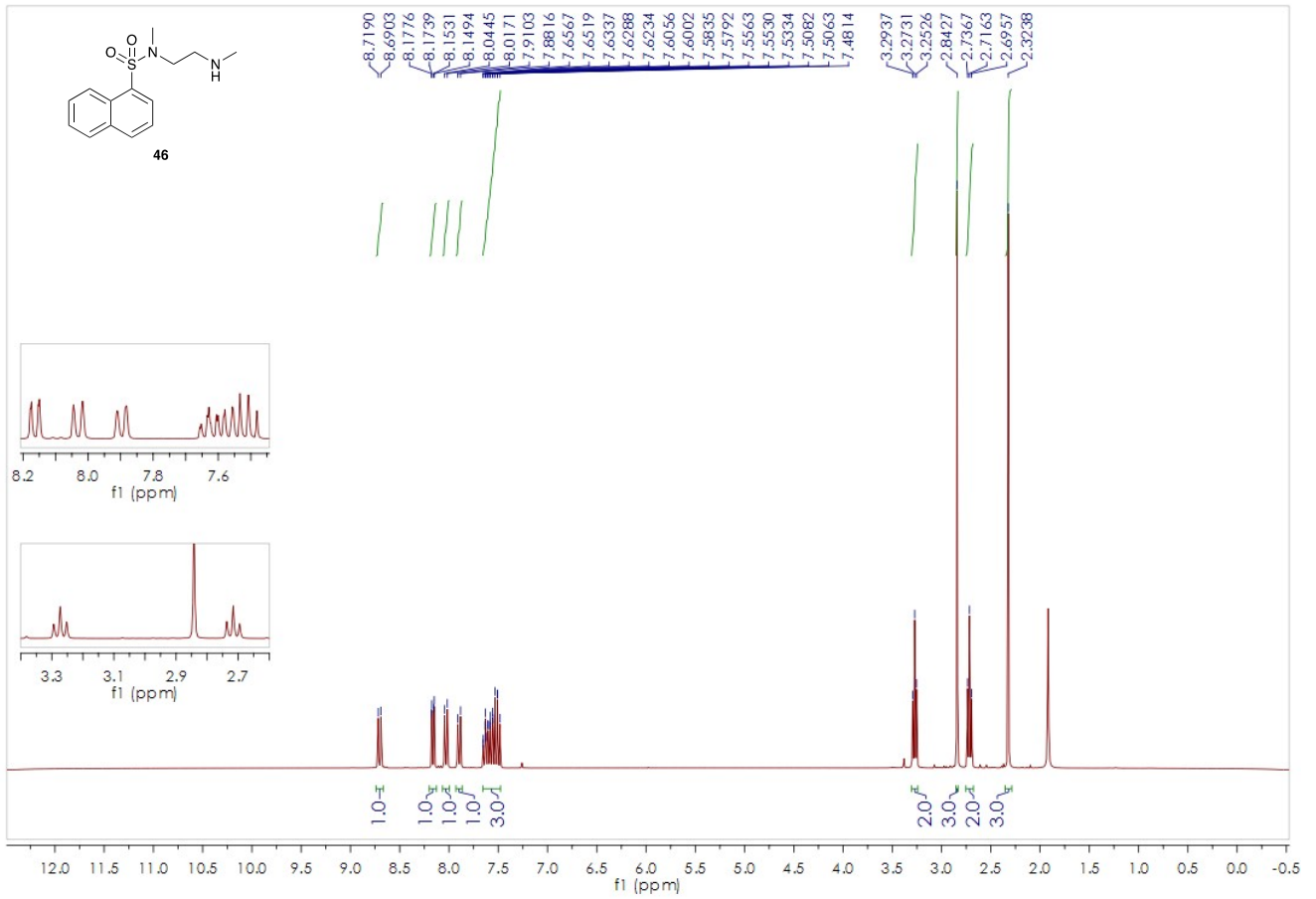


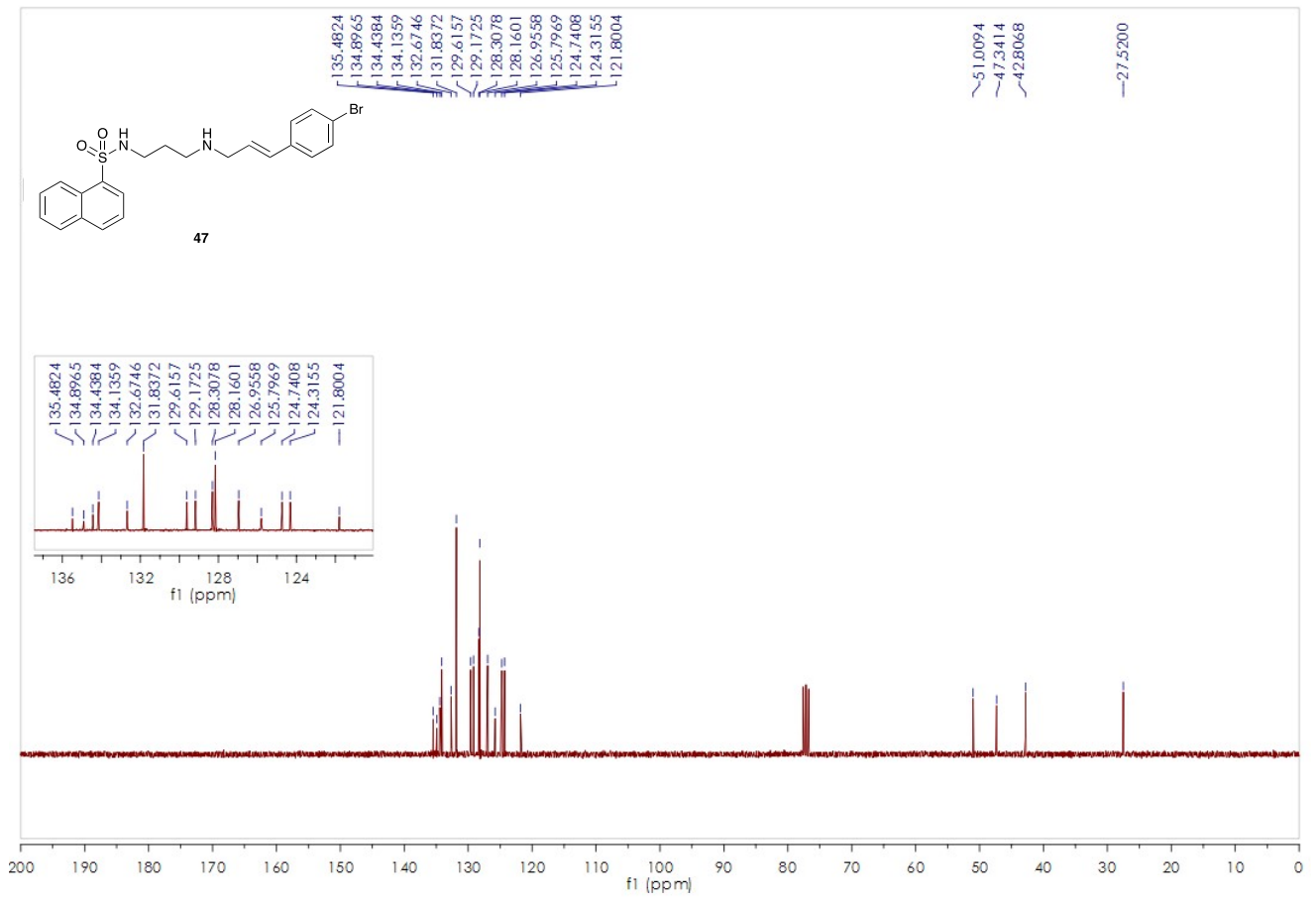
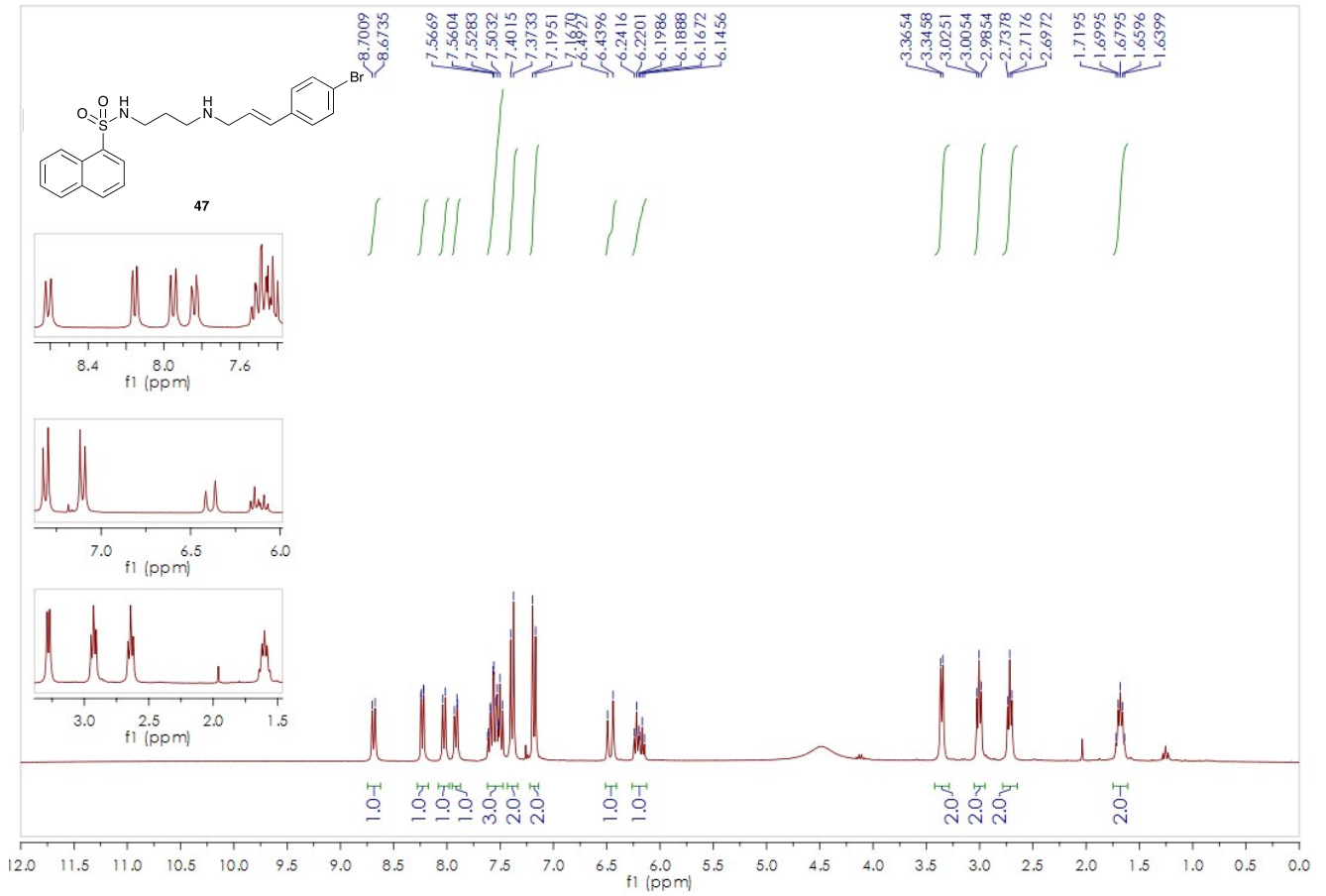


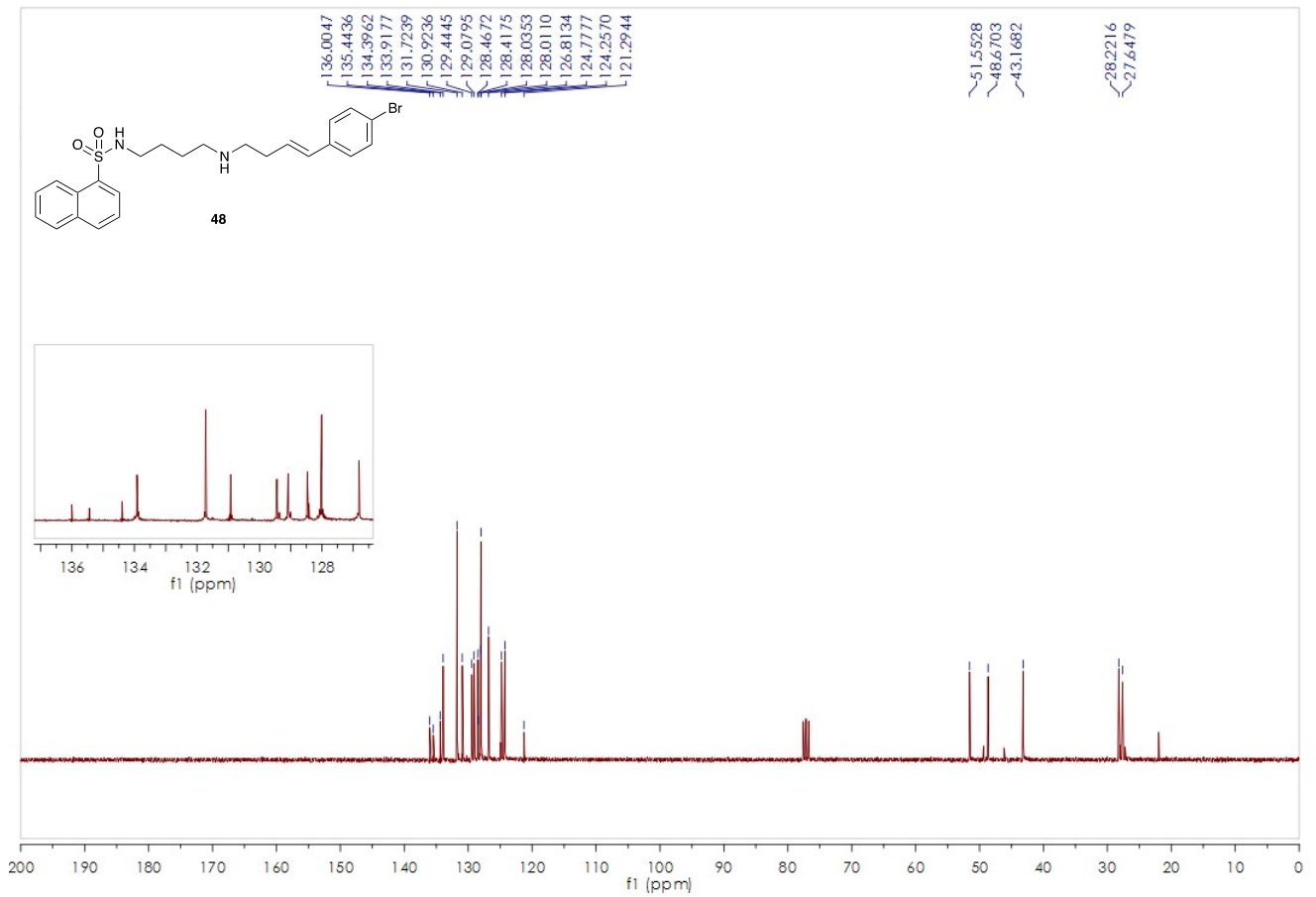
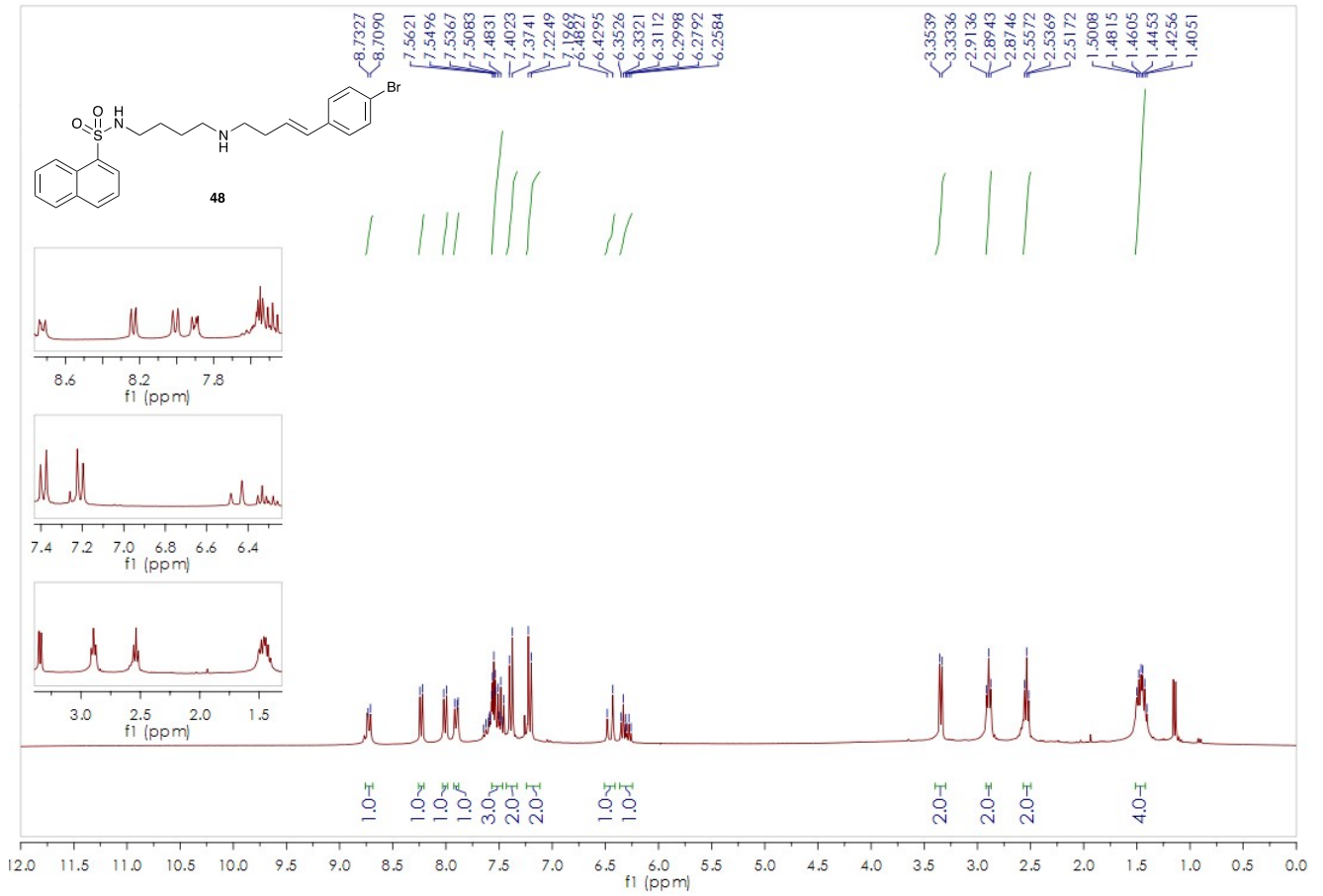


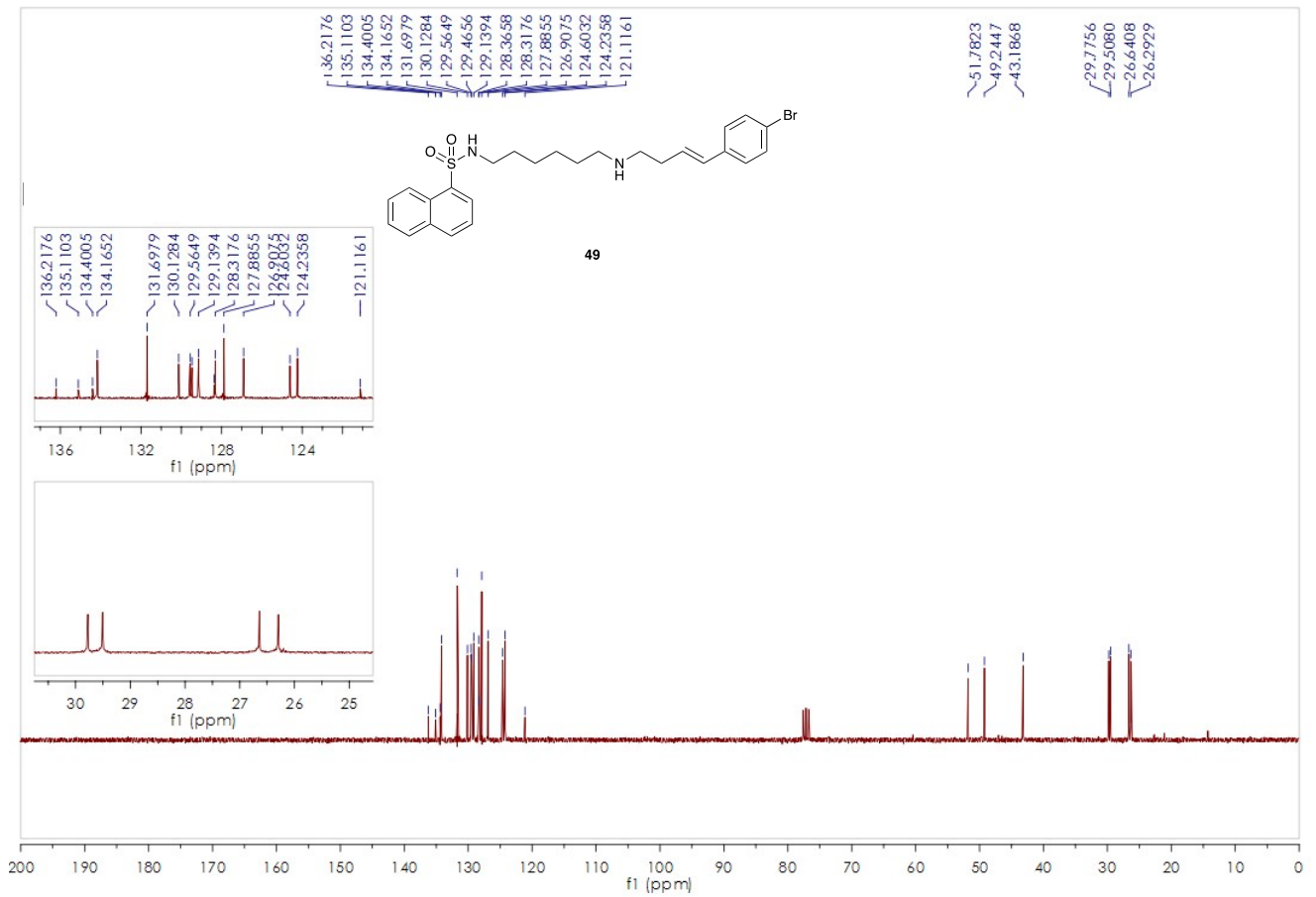
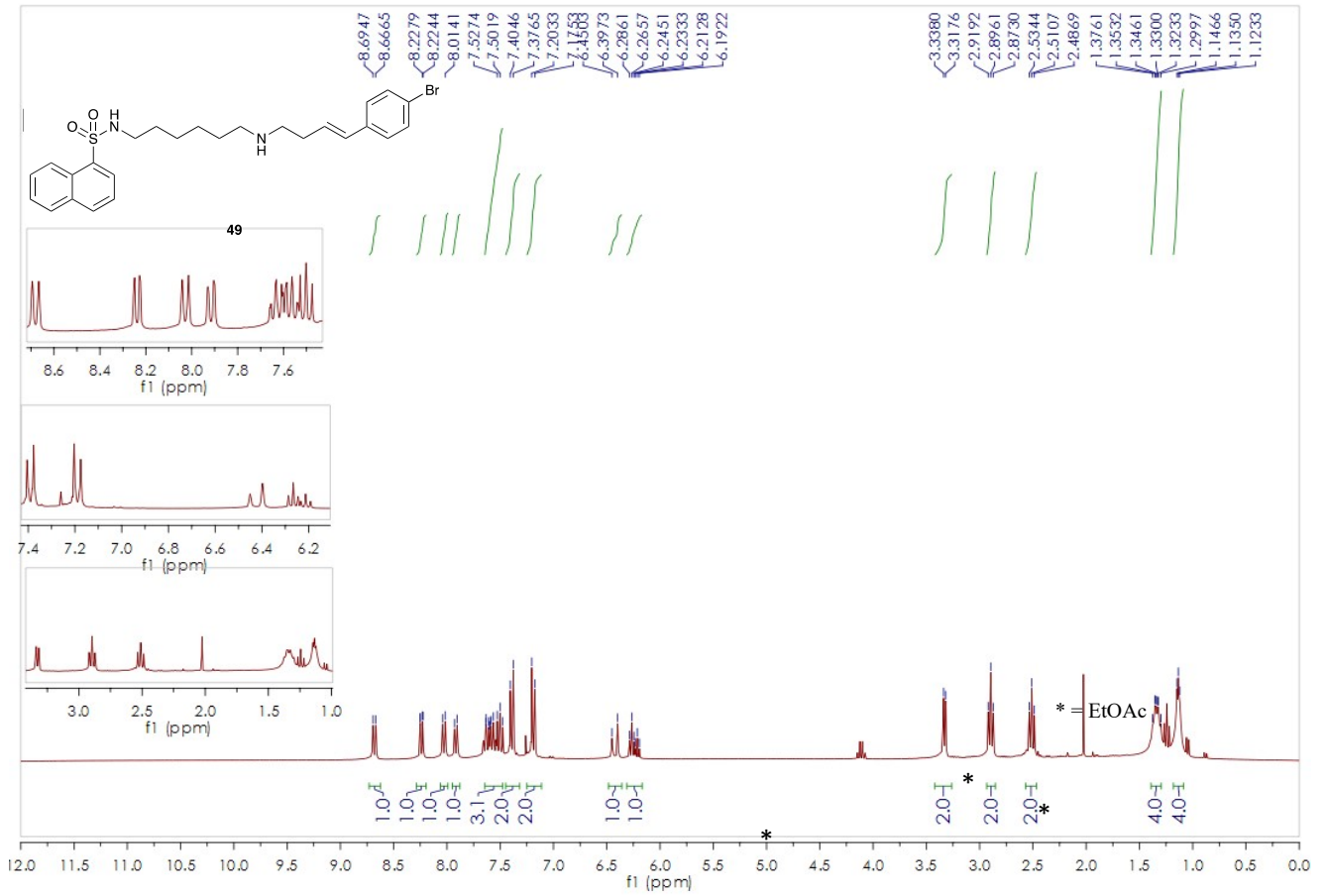




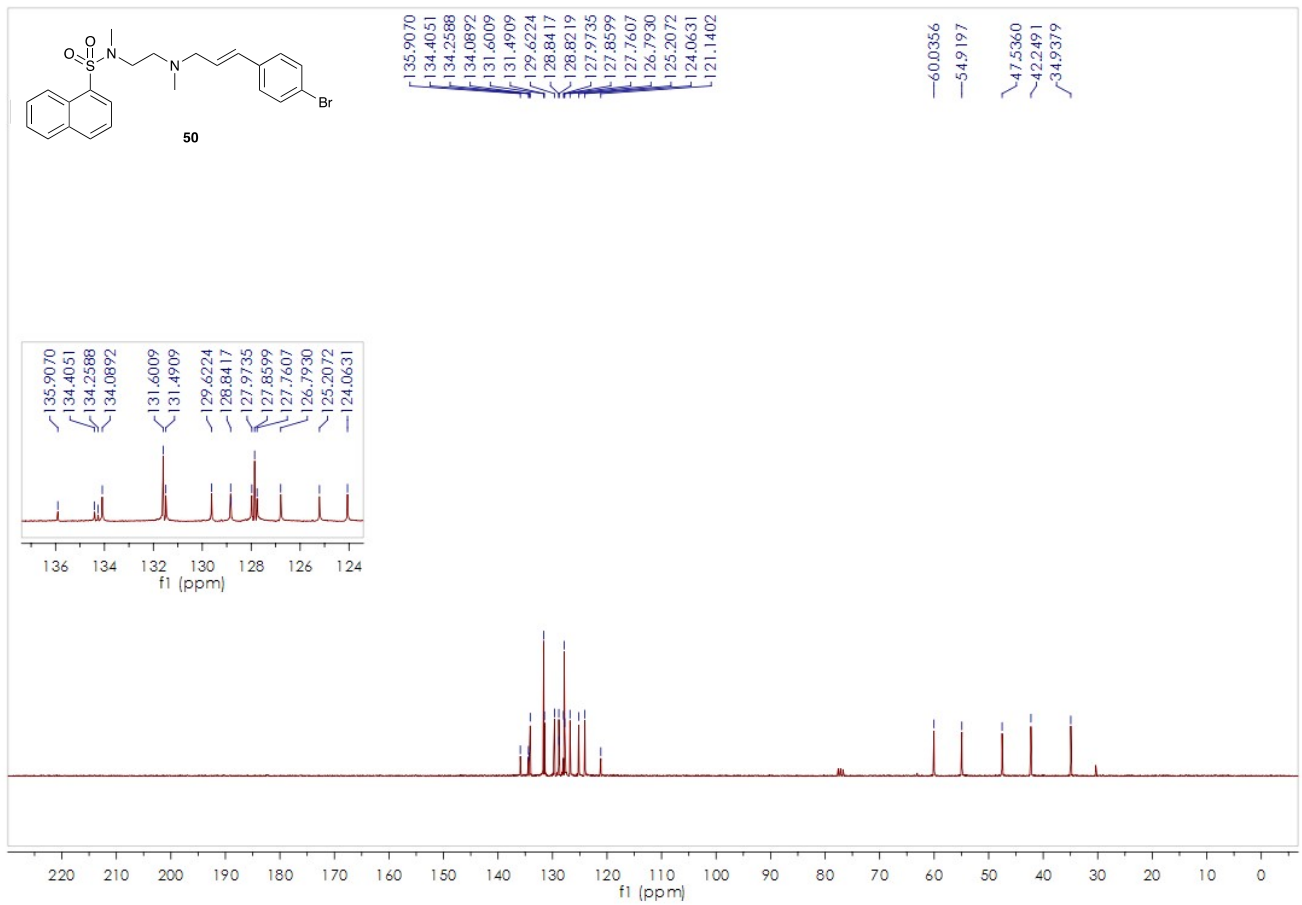
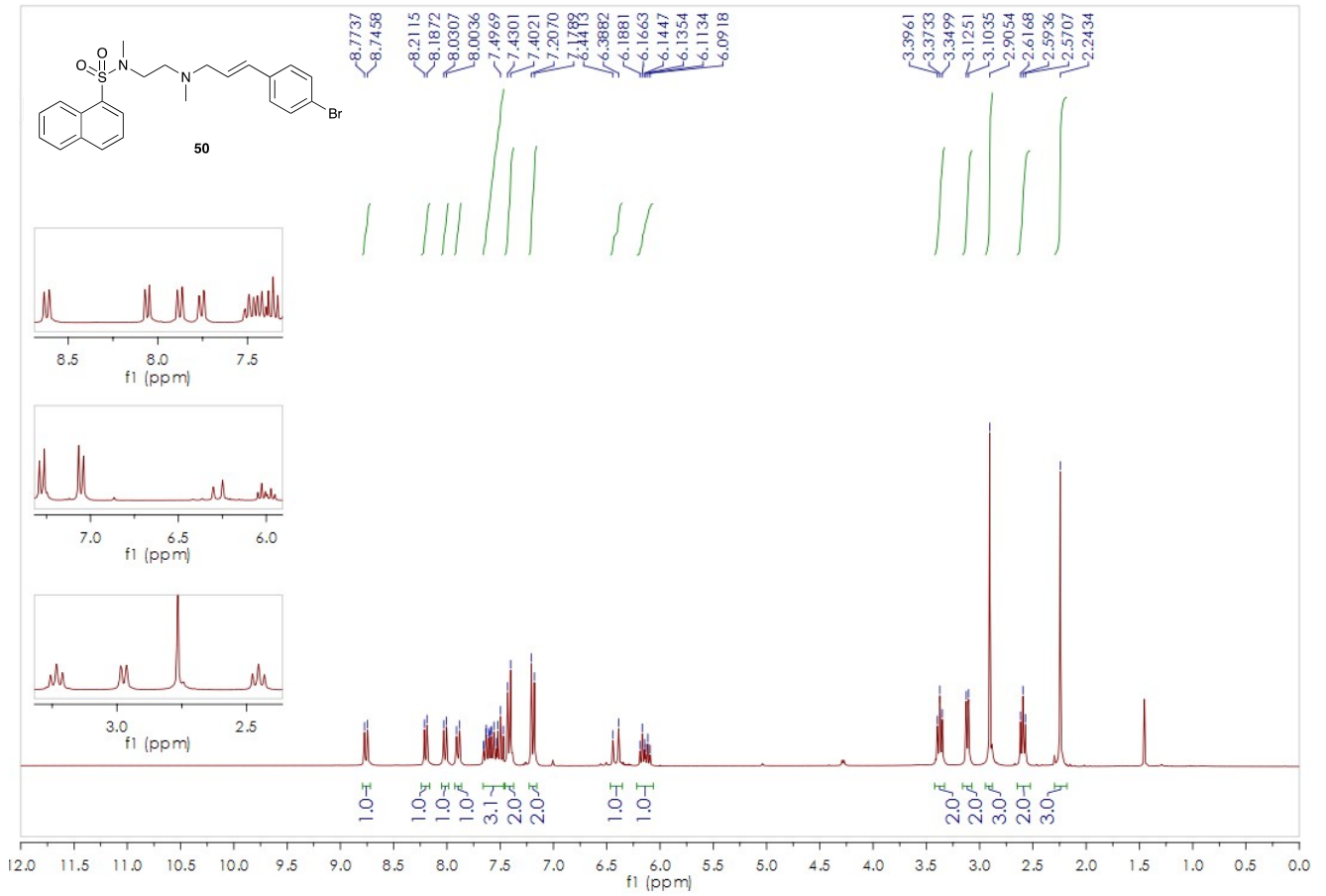




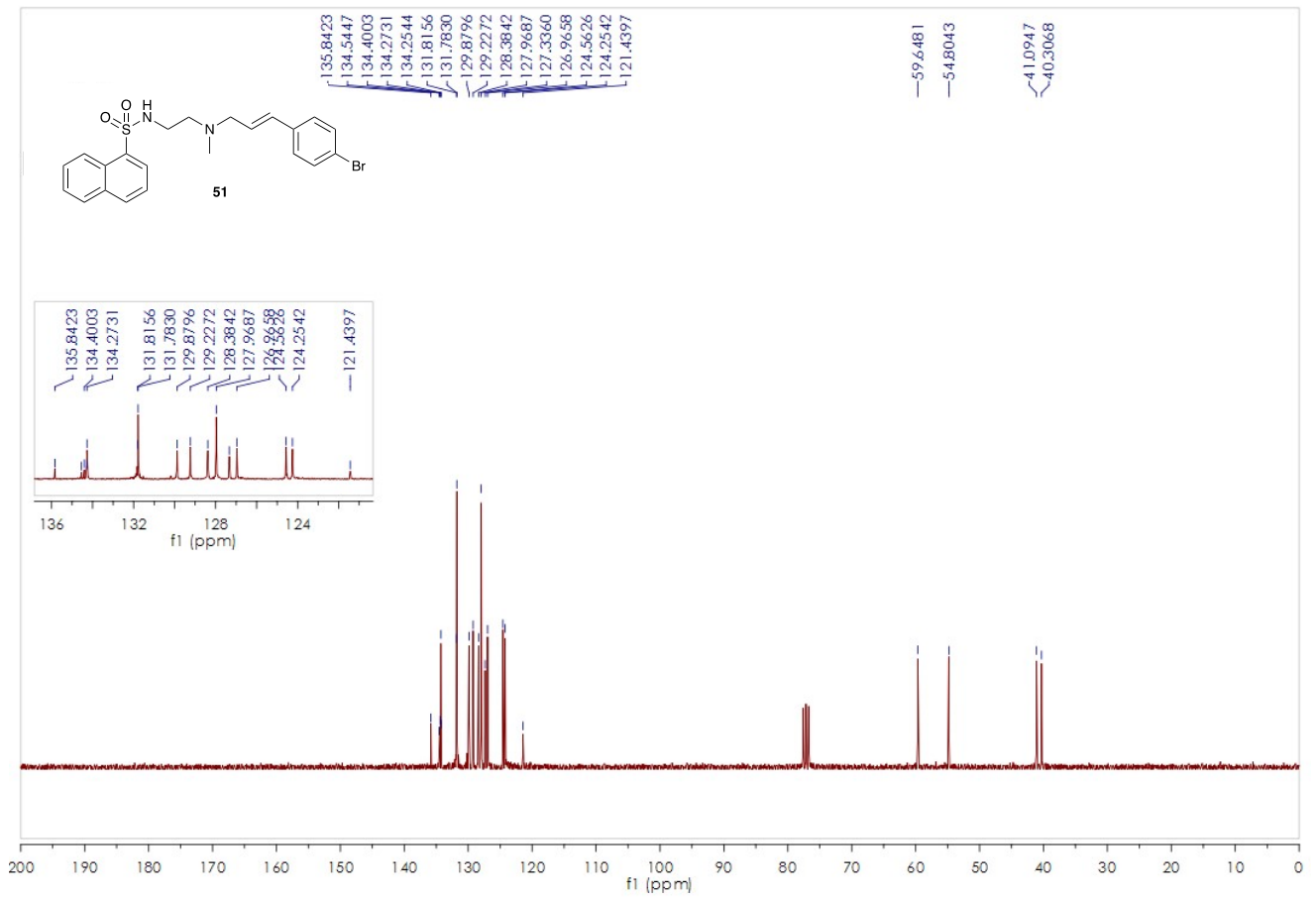
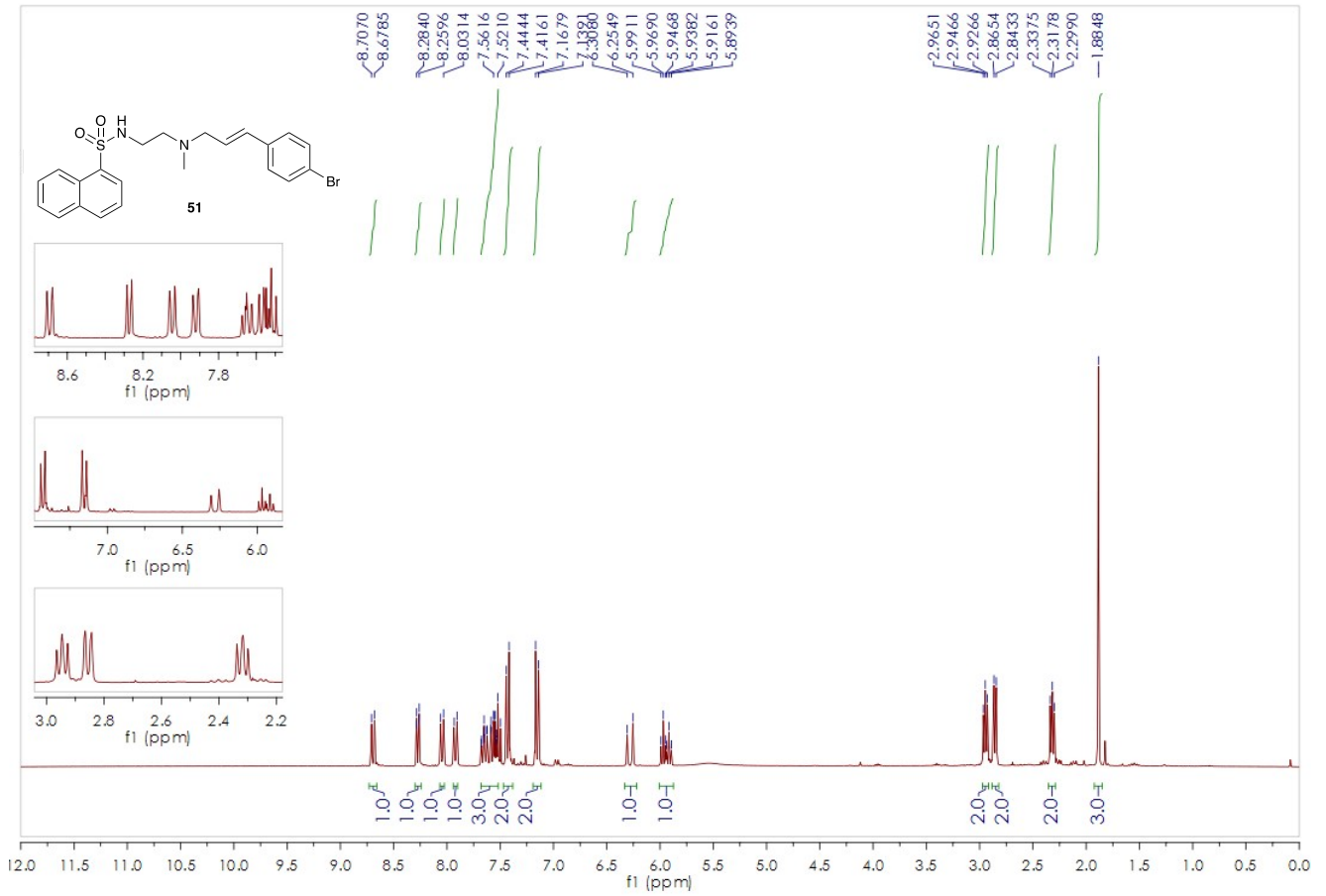






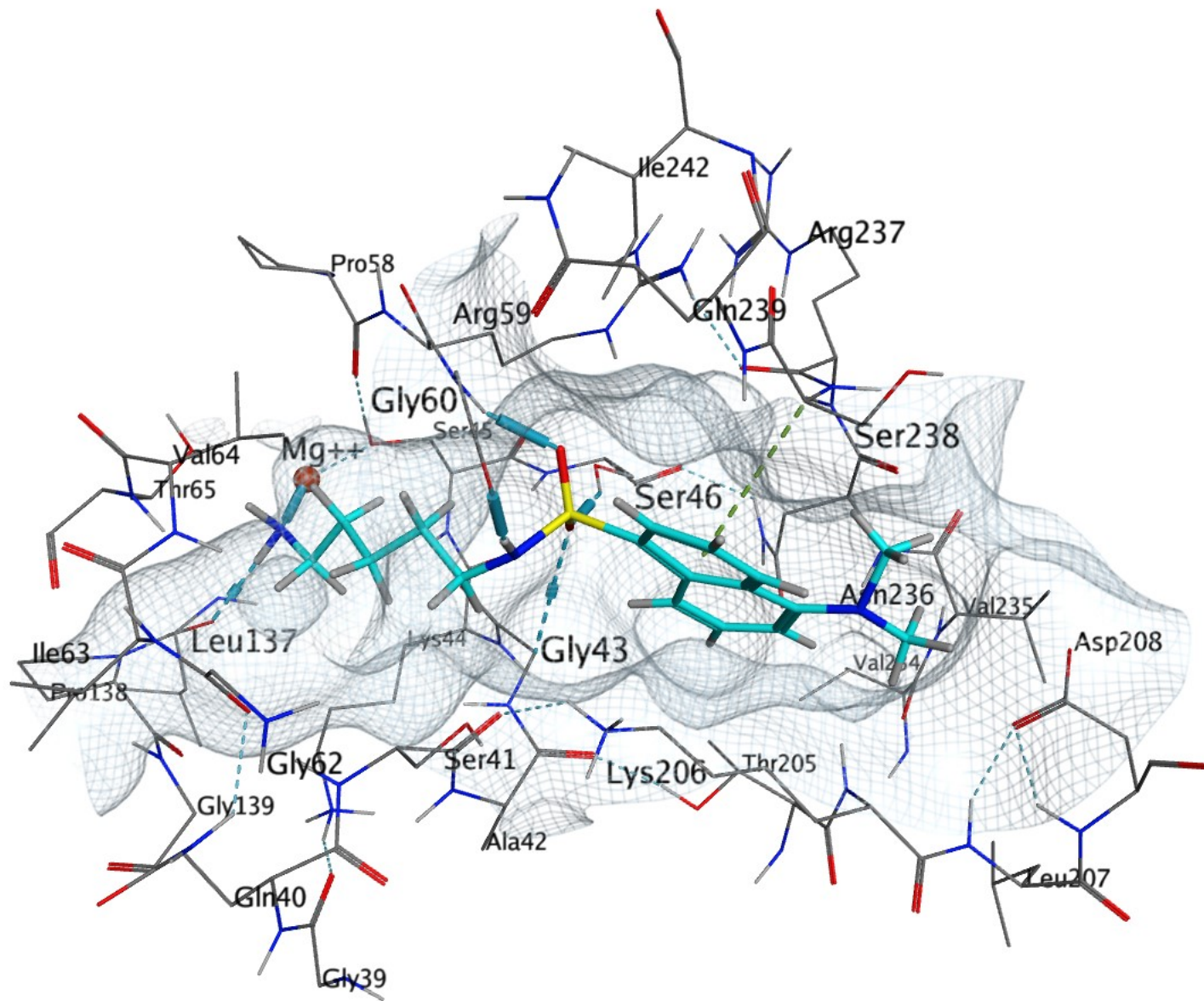




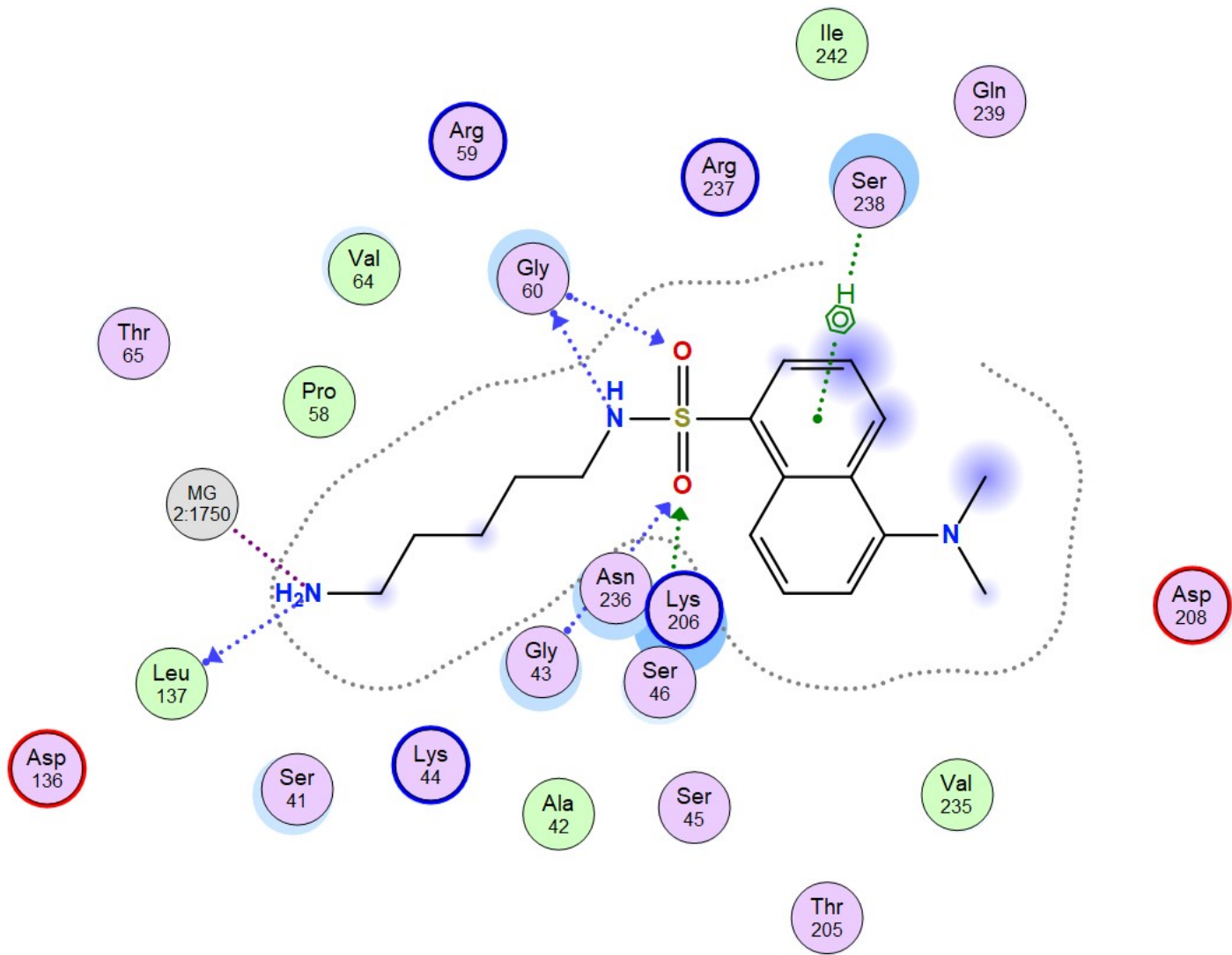


**Enlarged copies of: Figure 5.** Docked poses and molecular interaction descriptors as determined on docking of selected sulfonadyn analogues into the GTPase domain of dynl (pdb: 3ZYC) using the Molecular Operating Environment (MOE) software. **A** and **B**, dansyl cadaverine **1**; **C-D**, sulfonadyn-**19**; **E-F**, sulfonadyn-**33**; and **G-H**, sulfonadyn-**47**.

**A**

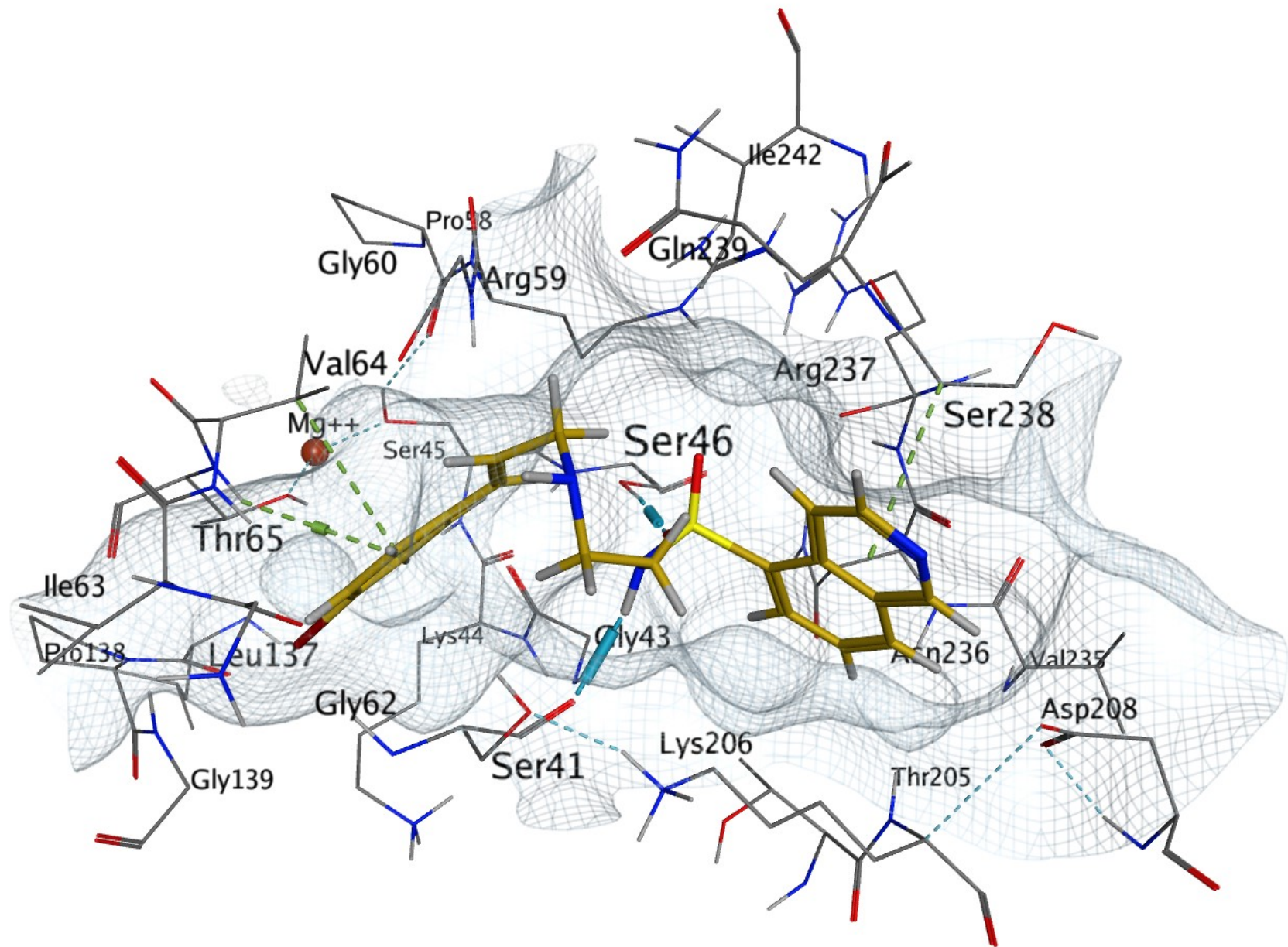


B

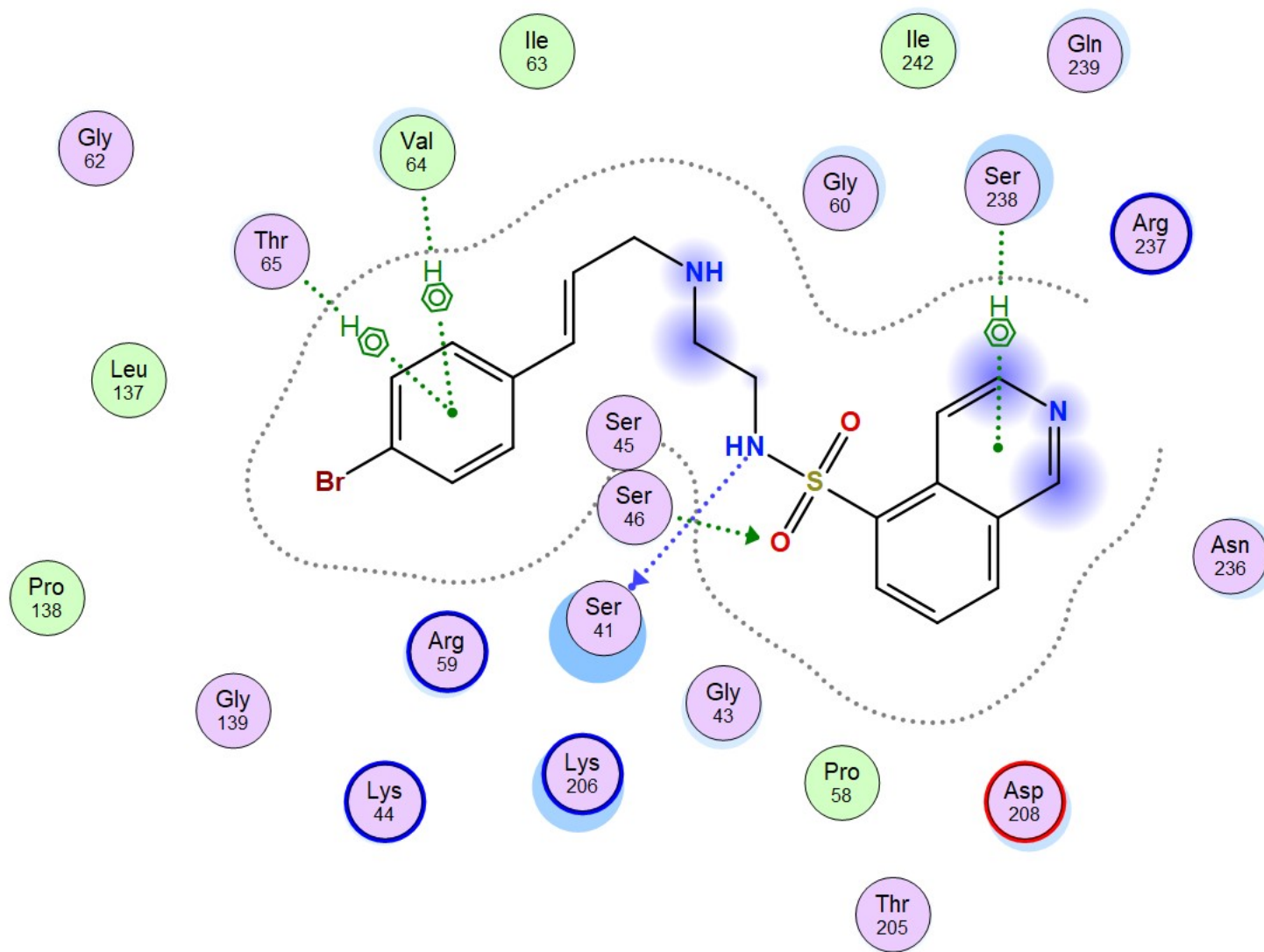


**C**

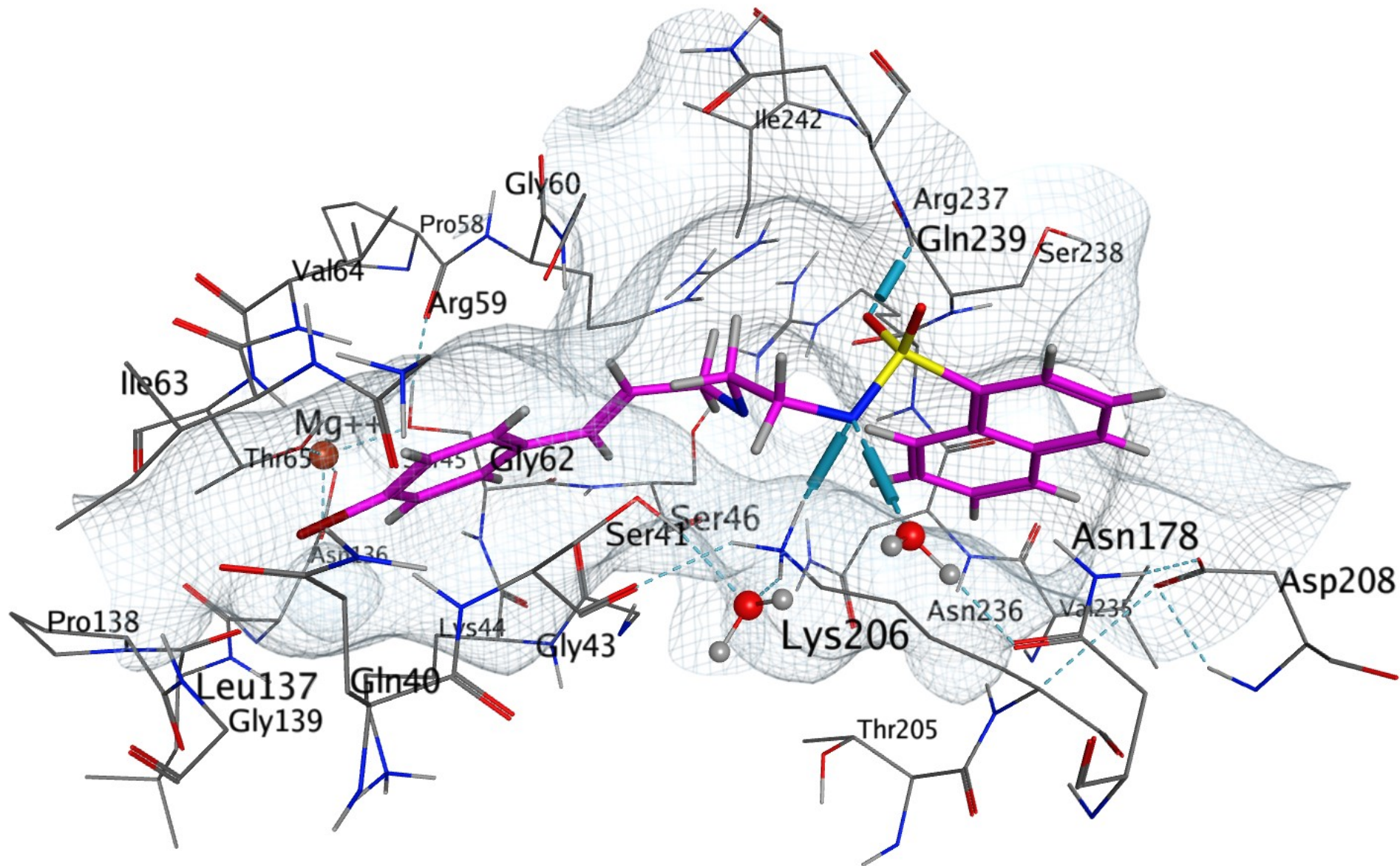




D

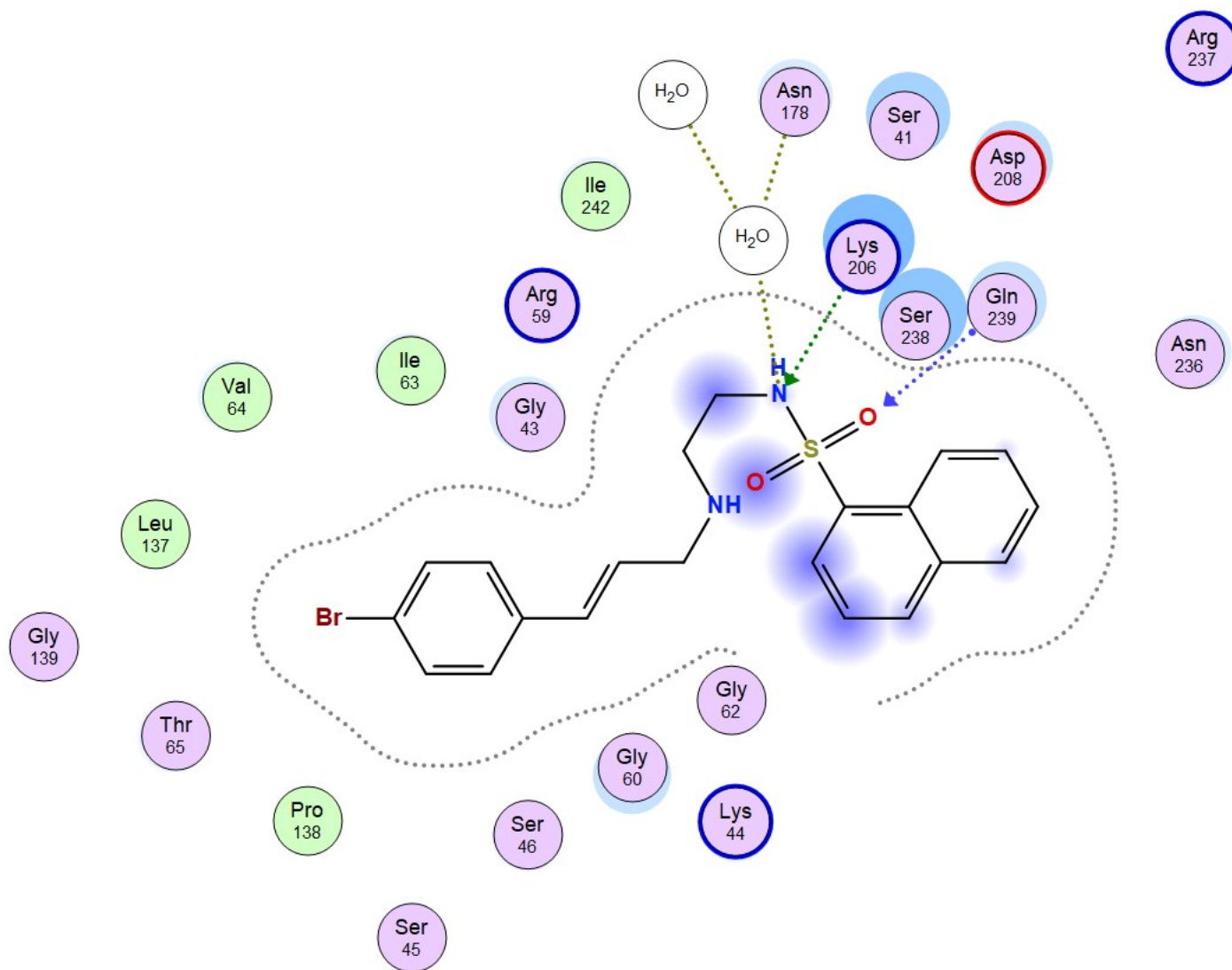


E





F



G

