

Supporting Information for
**Assembly of Indolenines, 3-Amino Oxindoles, and Aldehydes into
Indolenine-substituted Spiro[pyrrolidin-2,3'-oxindoles] via
1,3-Dipolar Cycloaddition with Divergent Diastereoselectivities**

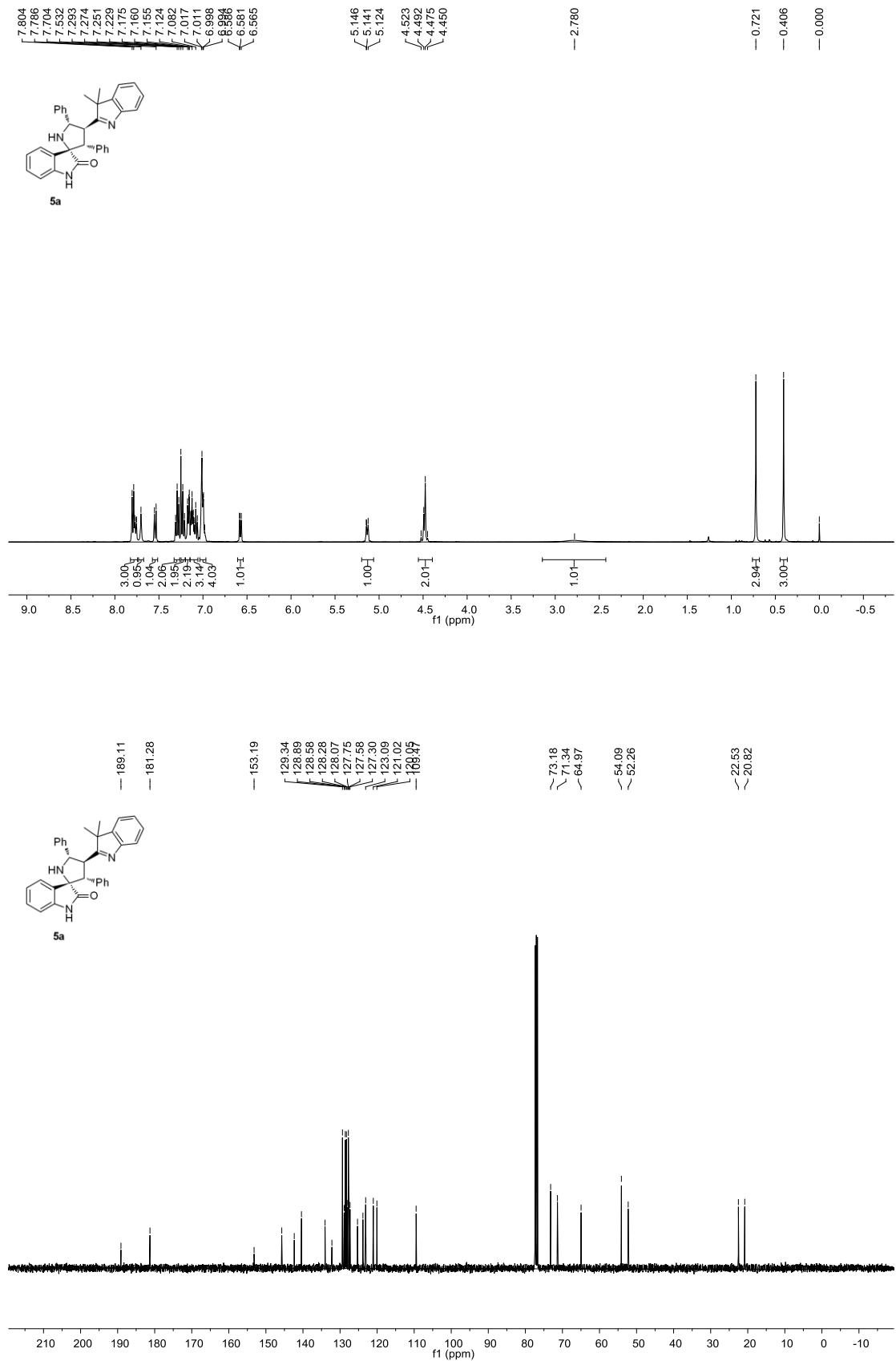
Guodong Zhu, Siyuan Liu, Shiqi Wu, Lianghong Peng, Jingping Qu, and Baomin Wang*

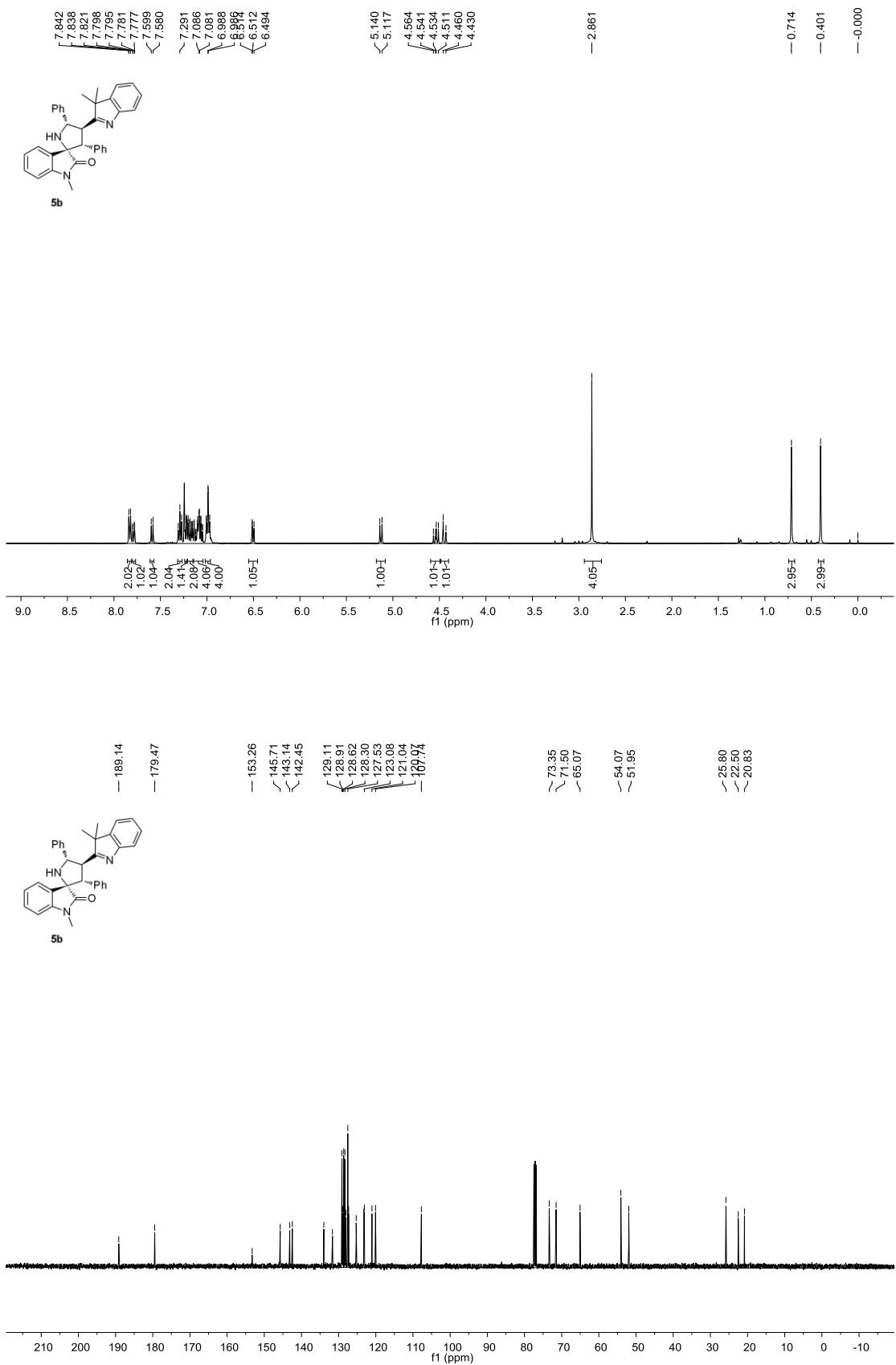
State Key Laboratory of Fine Chemicals, School of Pharmaceutical Science and Technology, Dalian University of Technology, Dalian 116024, P. R. China
bmwang@dlut.edu.cn

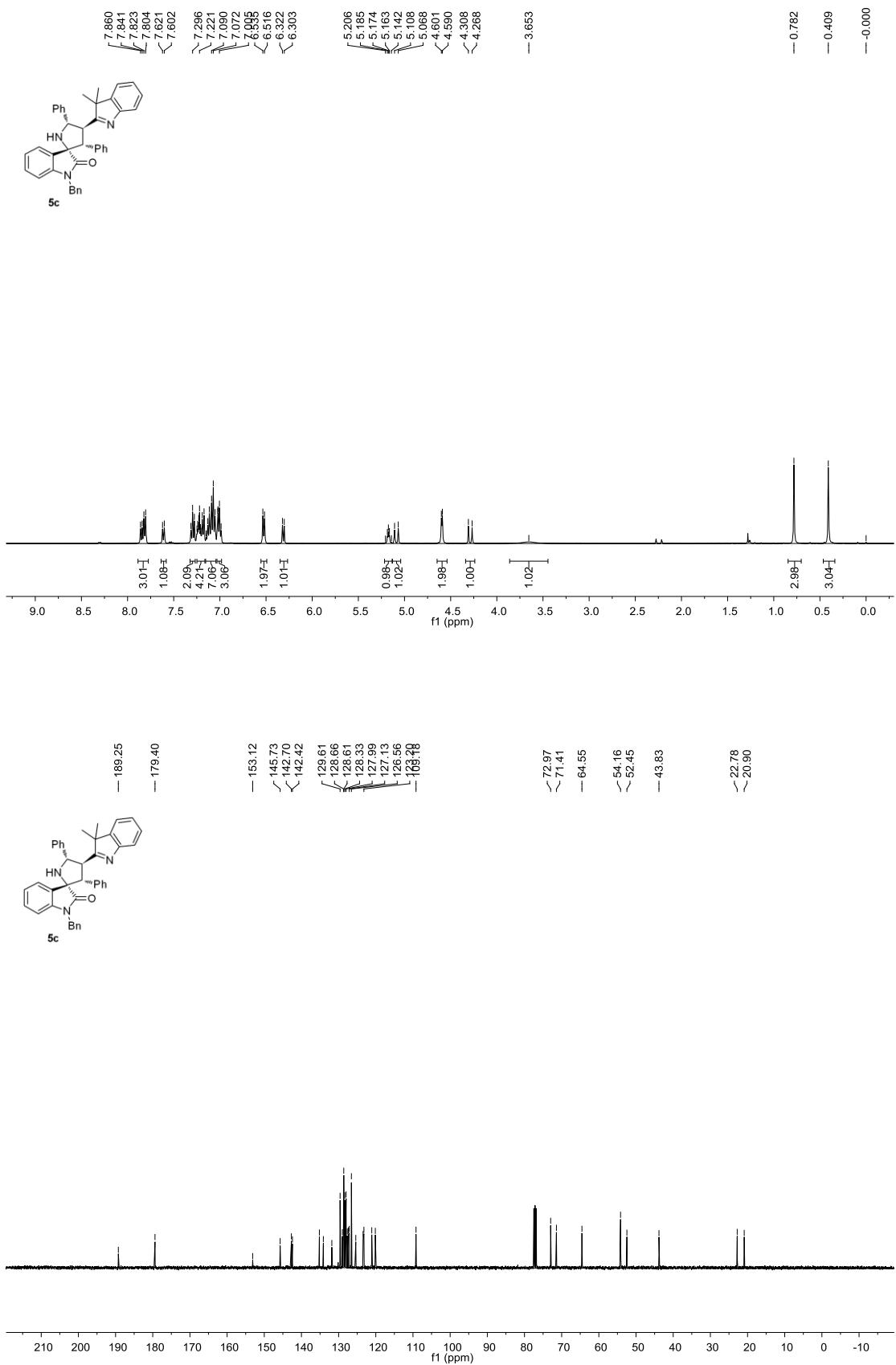
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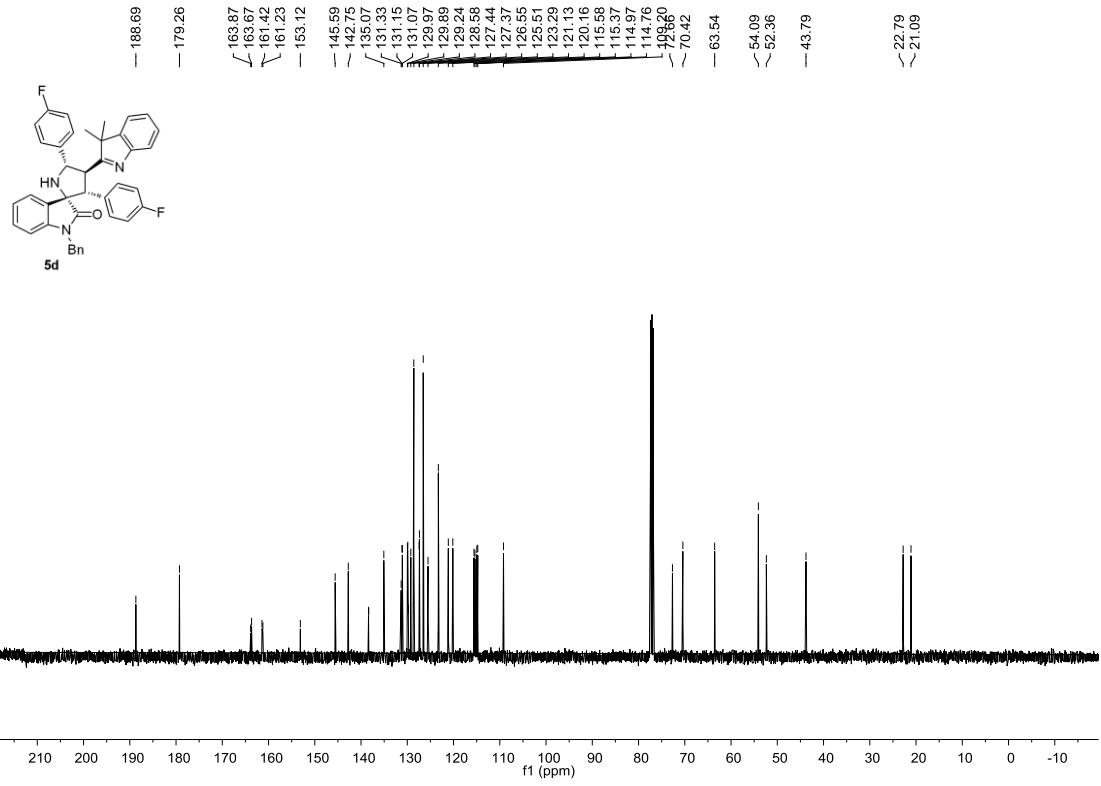
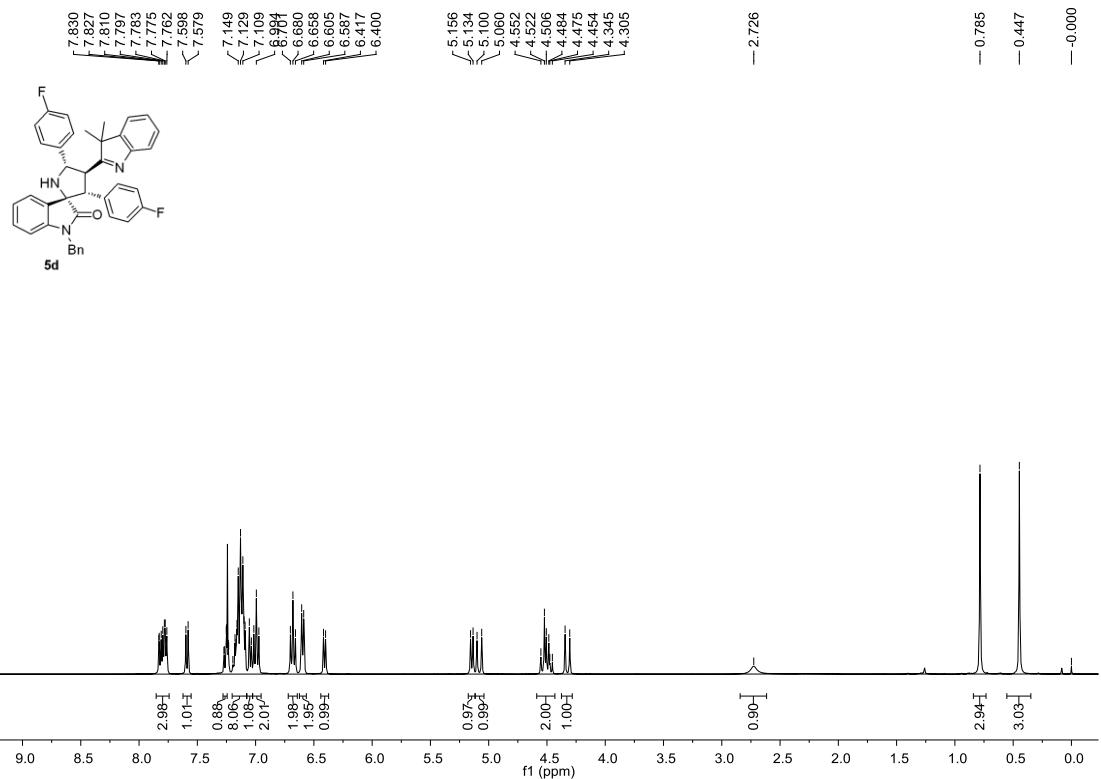
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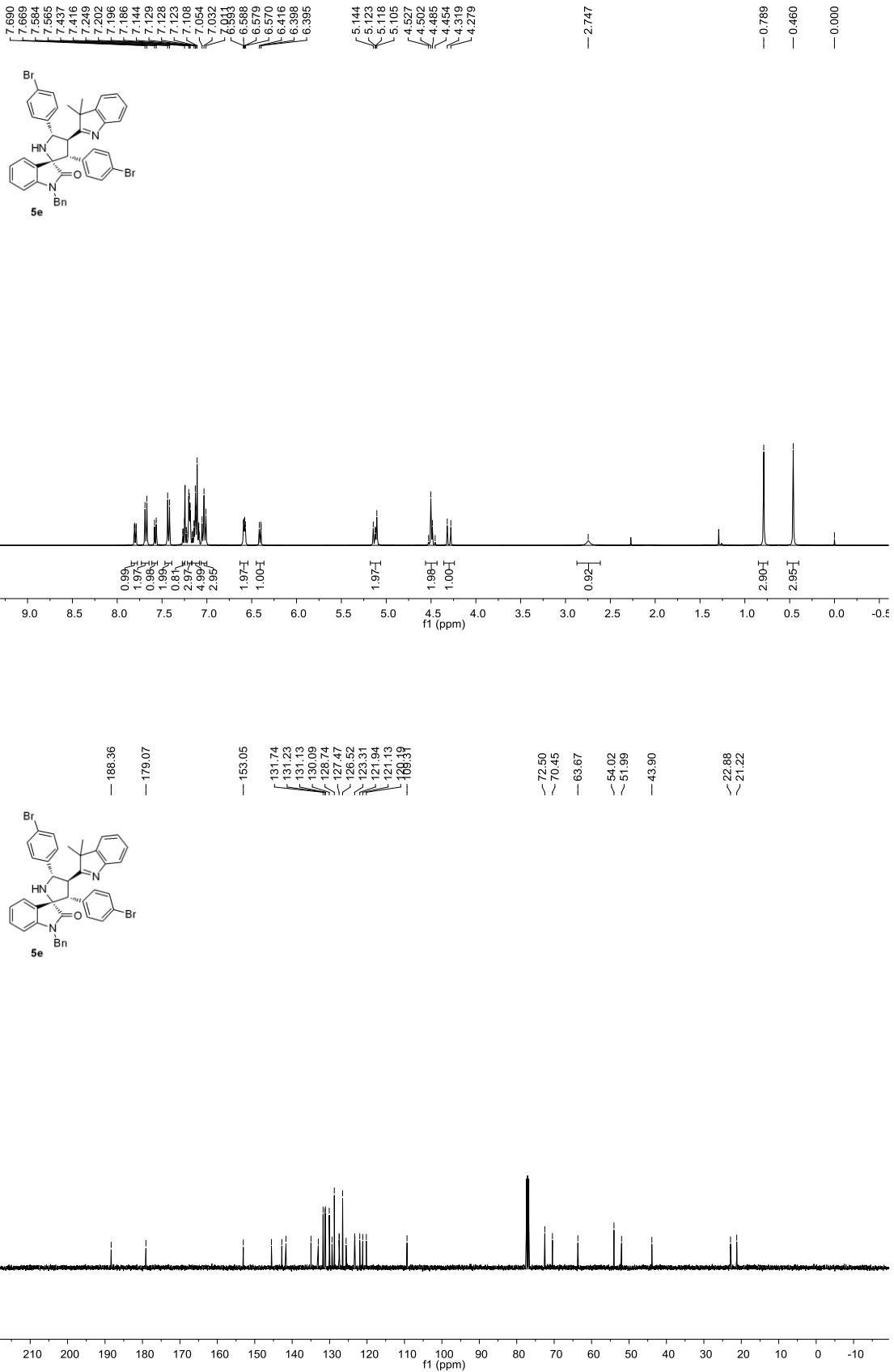
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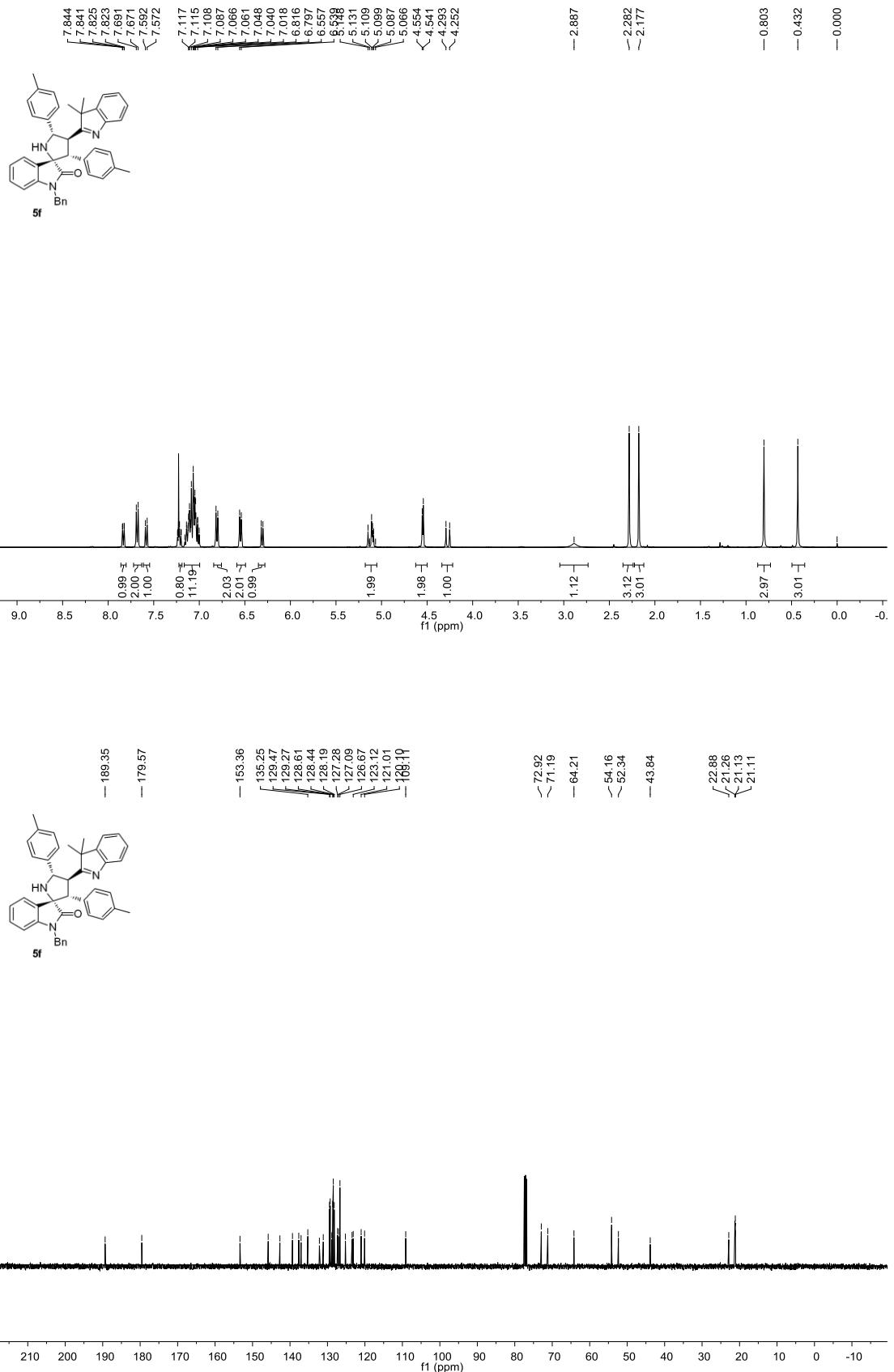


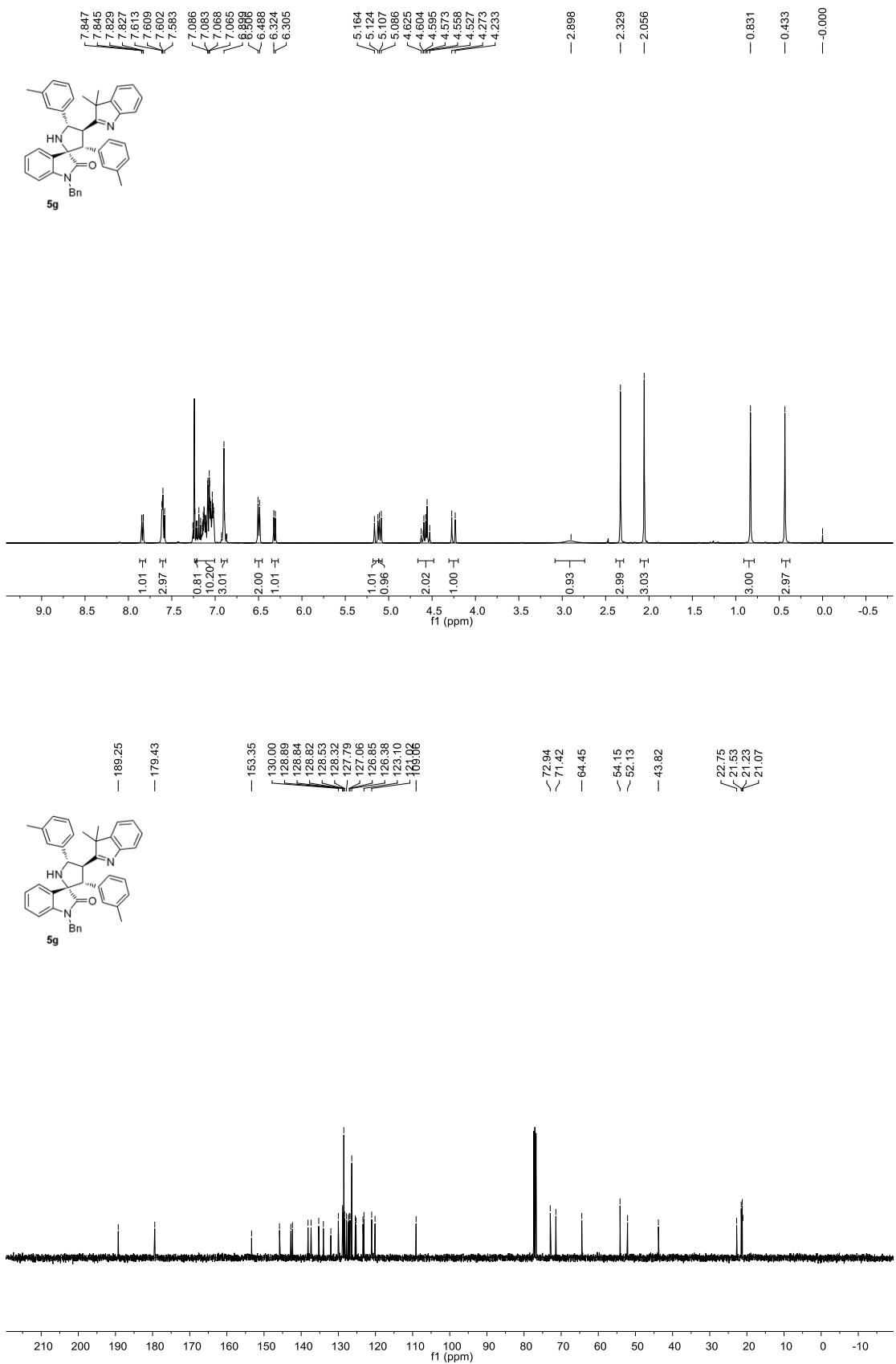


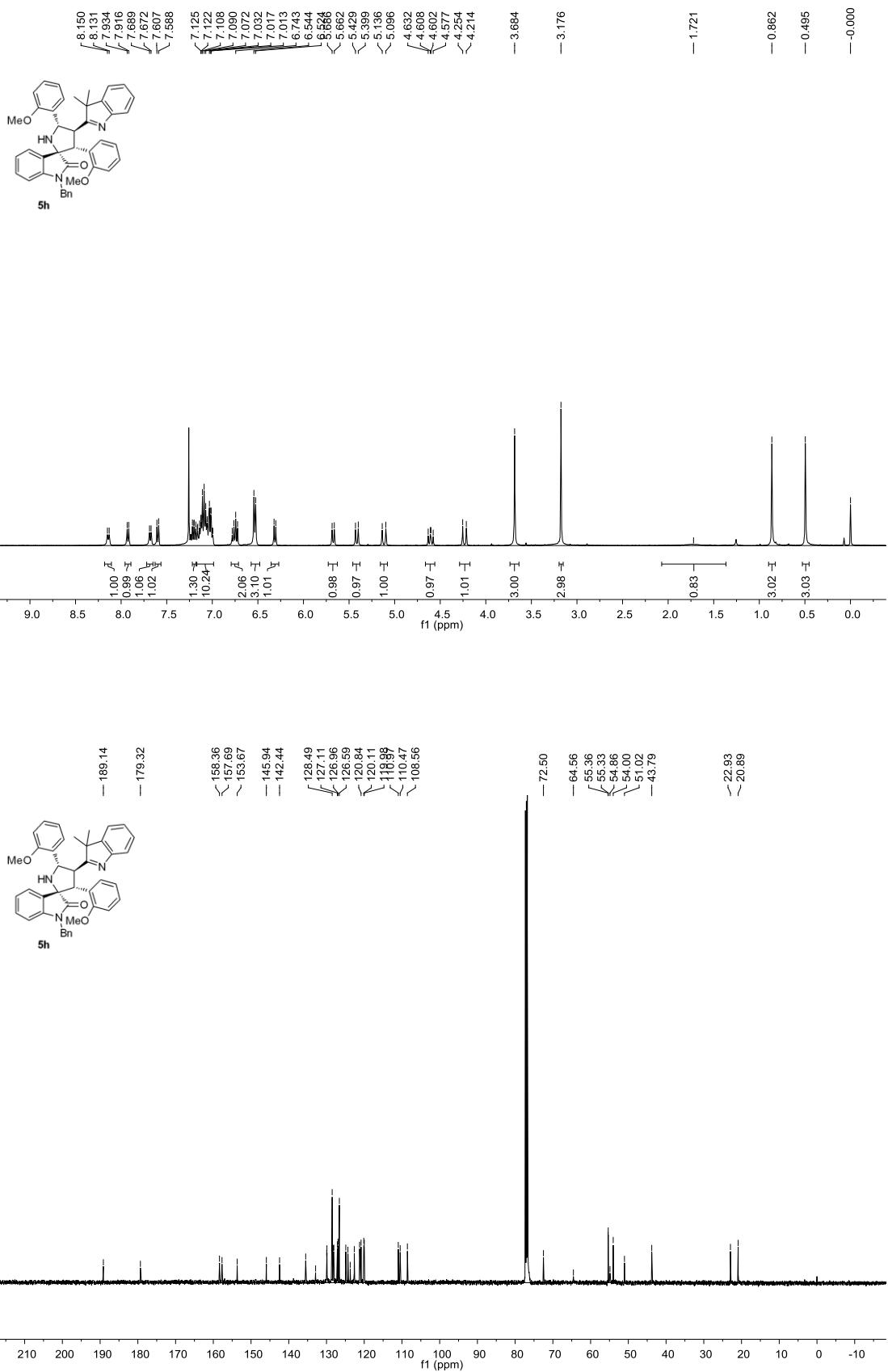


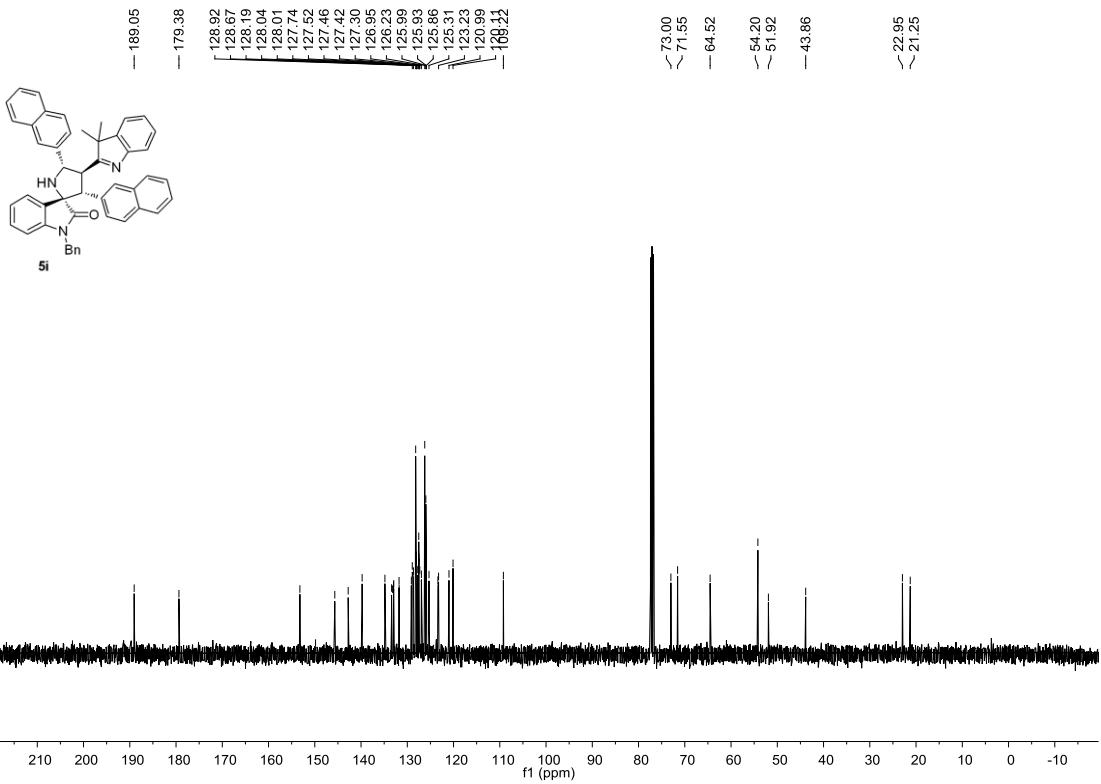
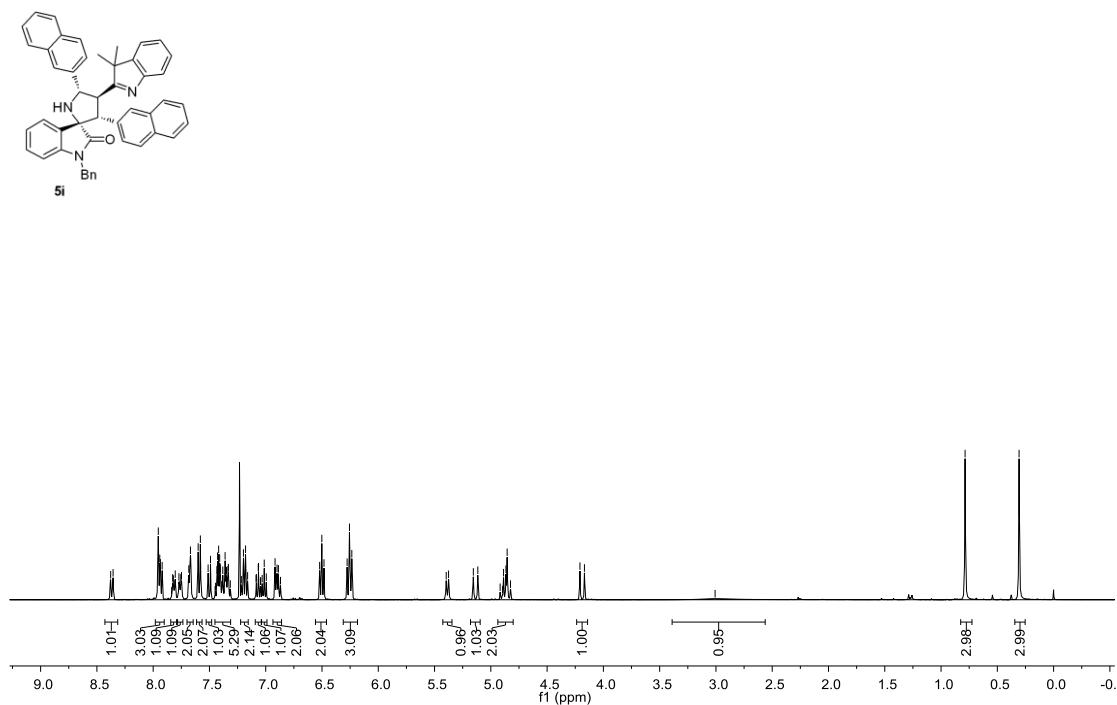


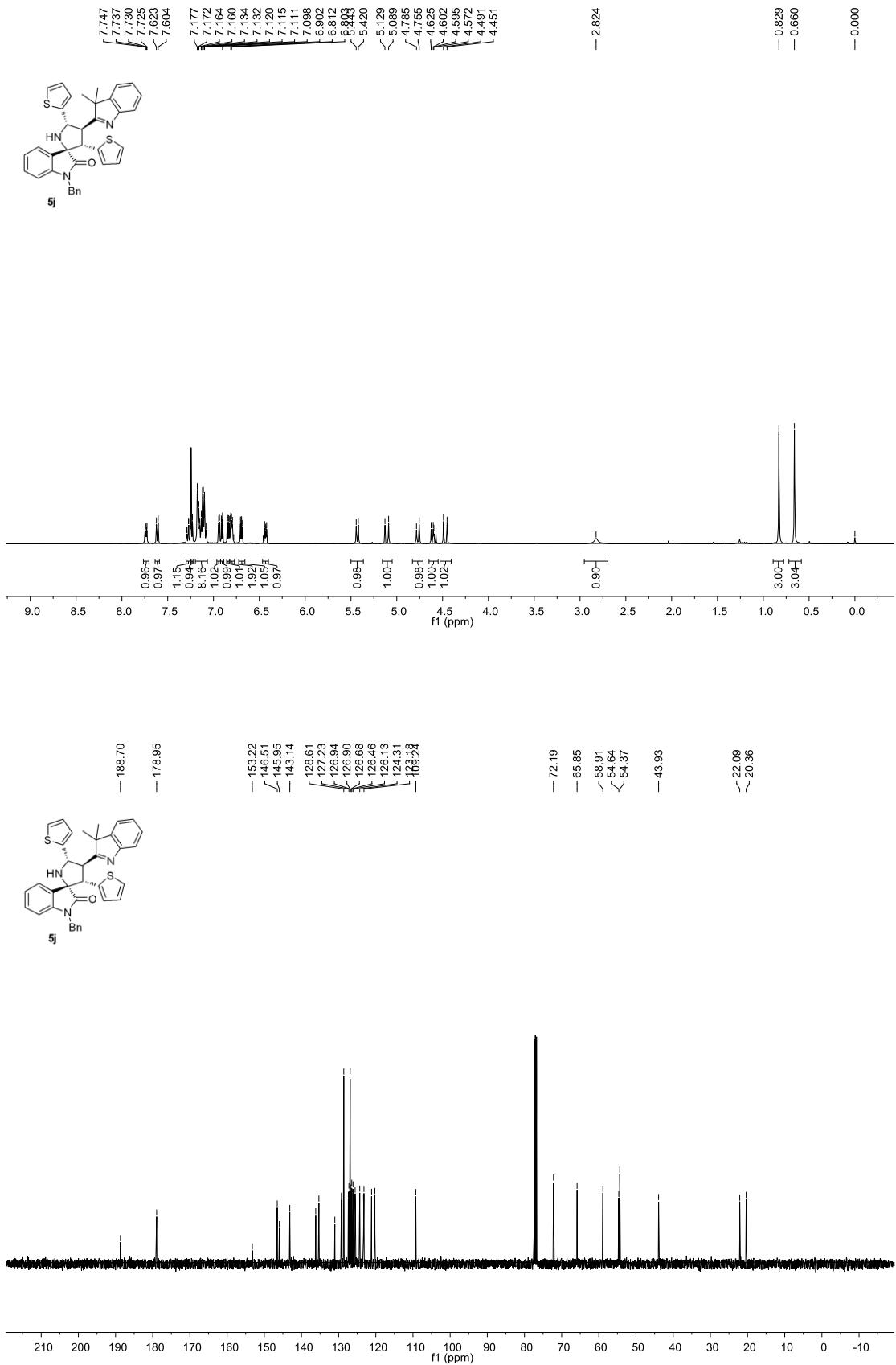


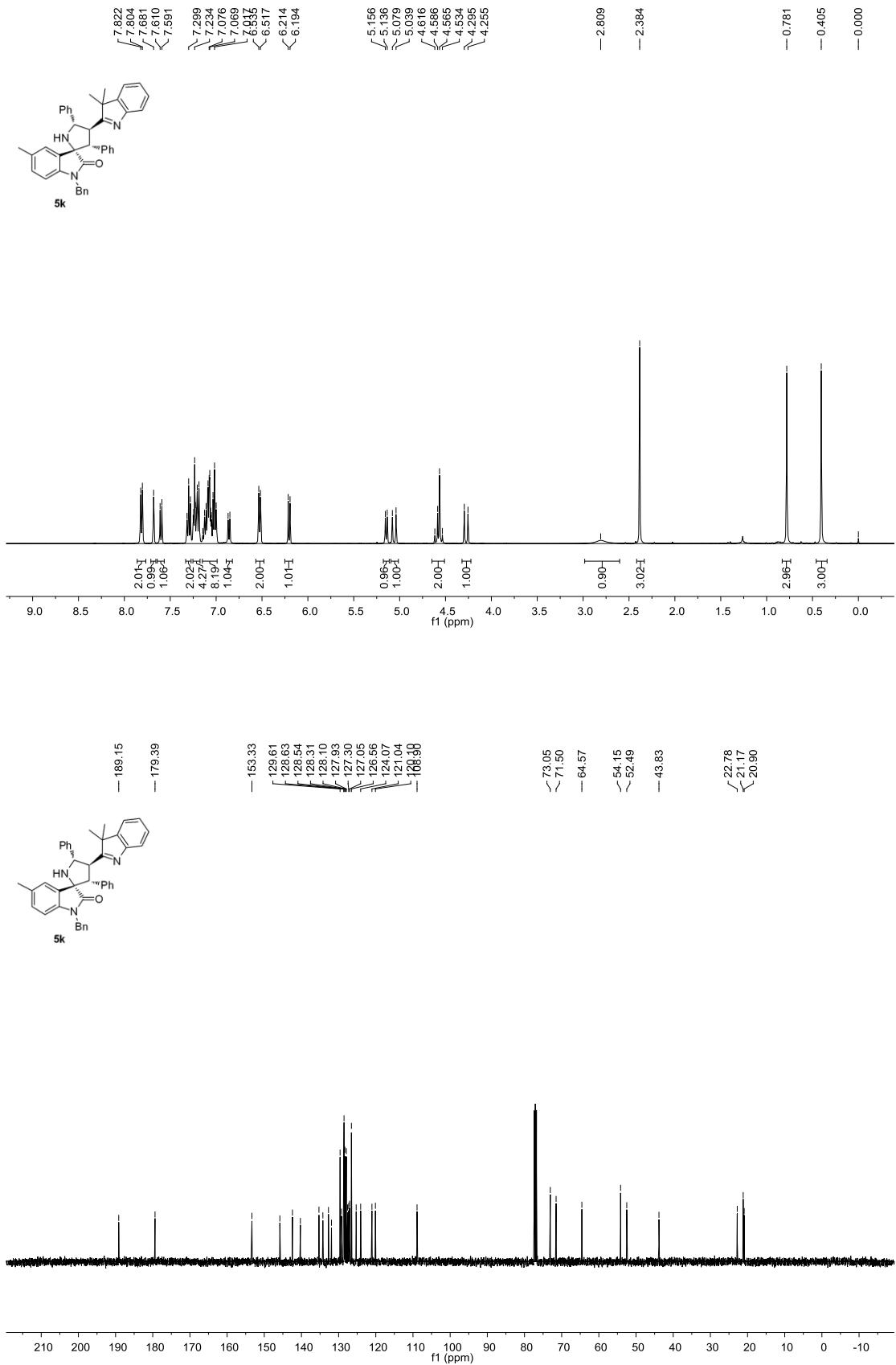


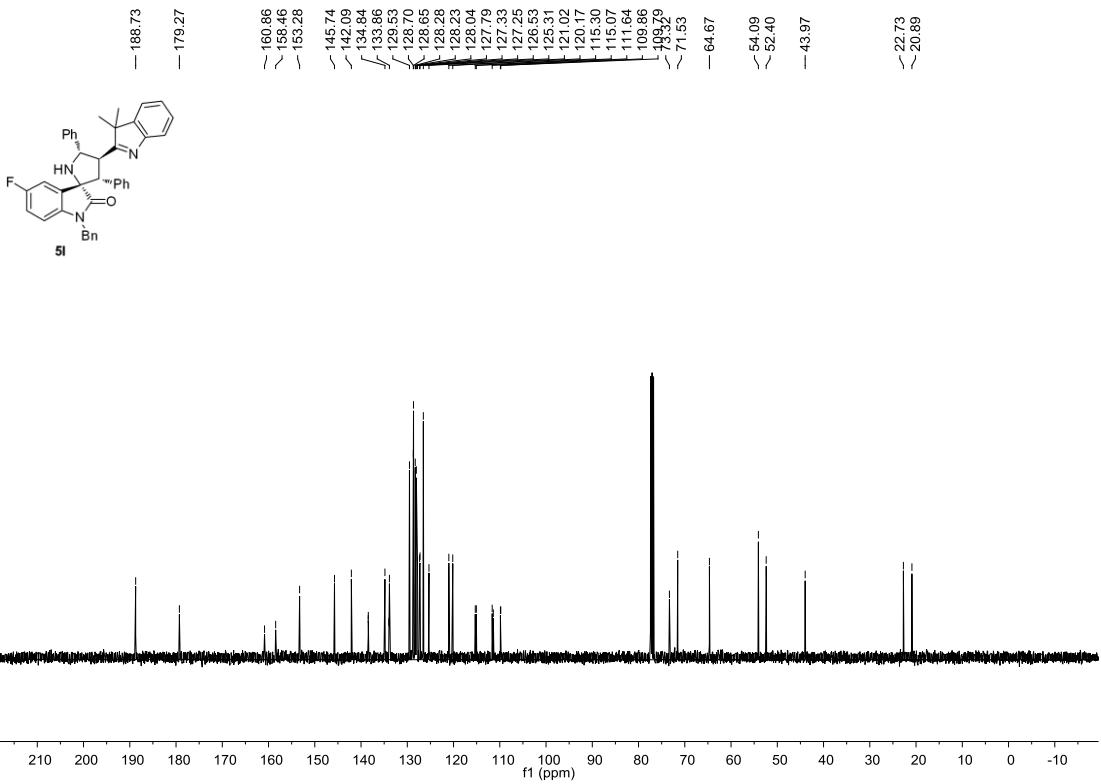
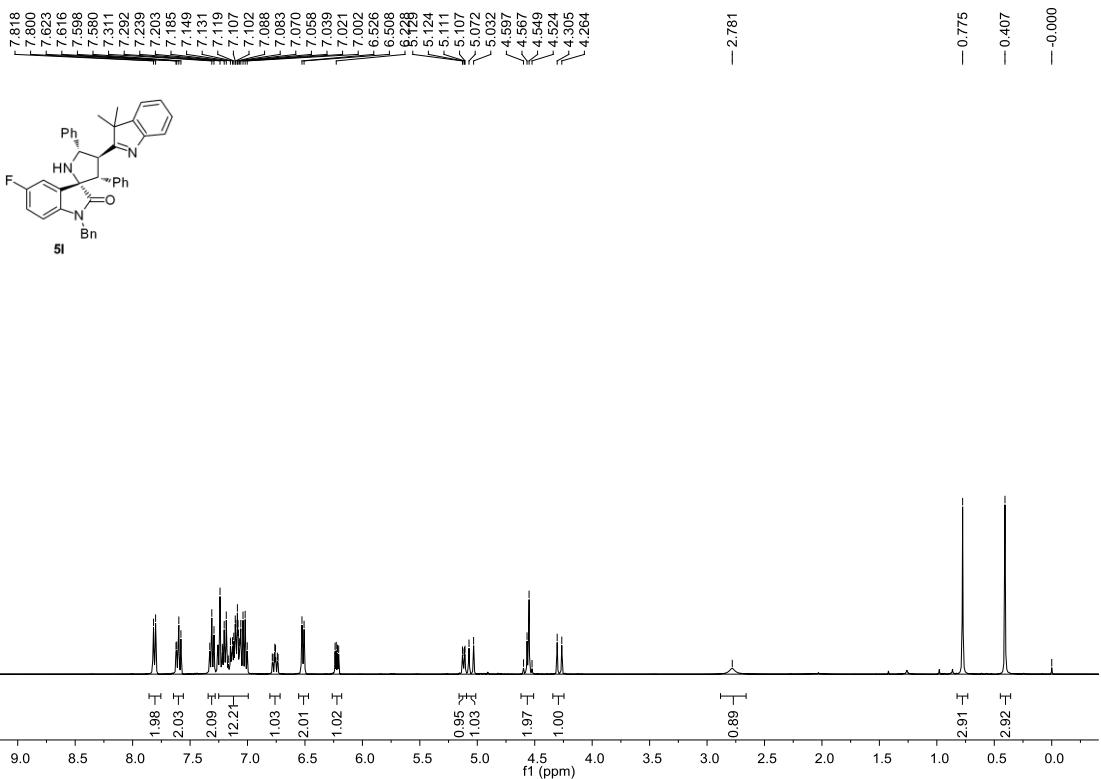


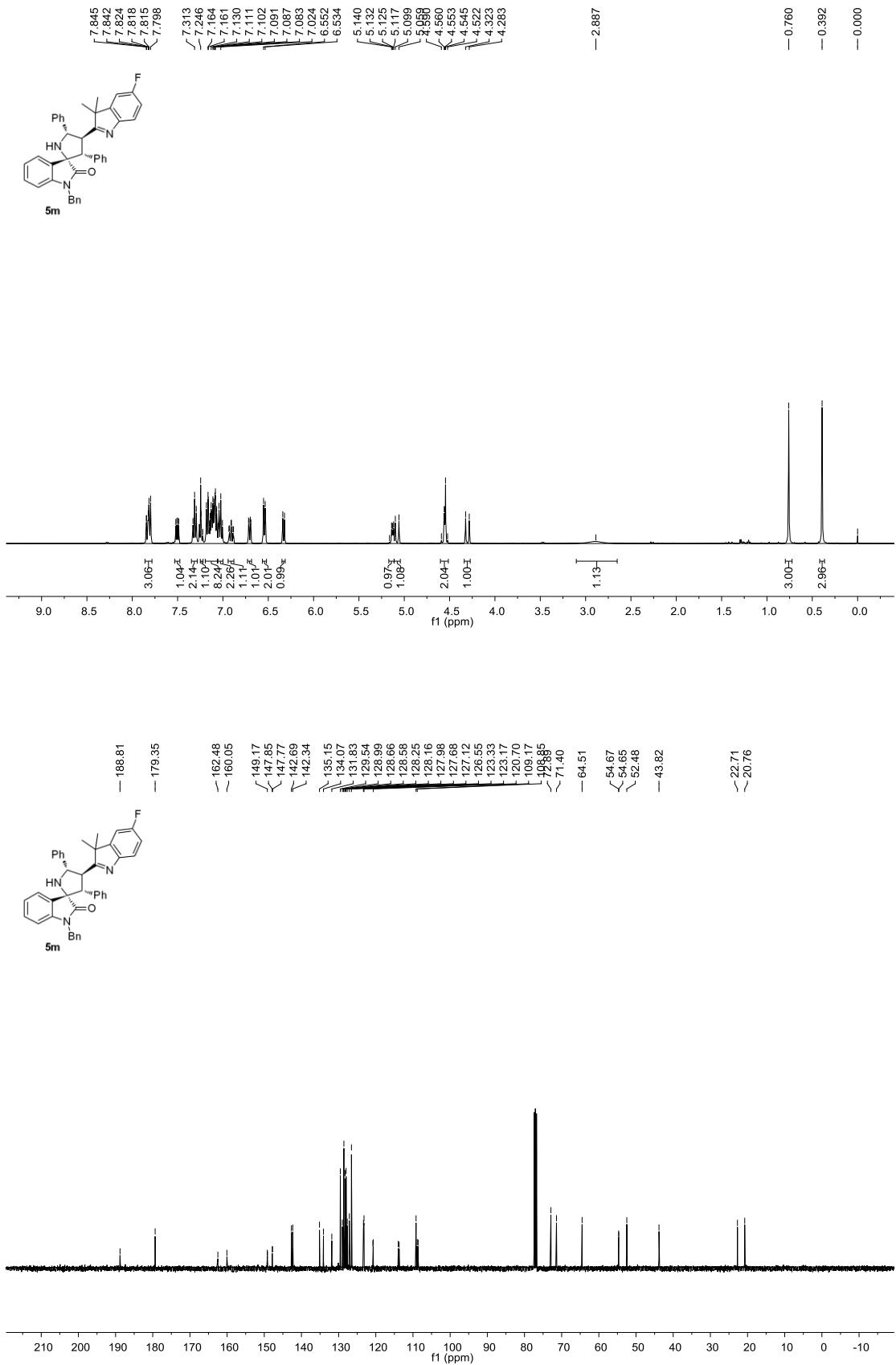


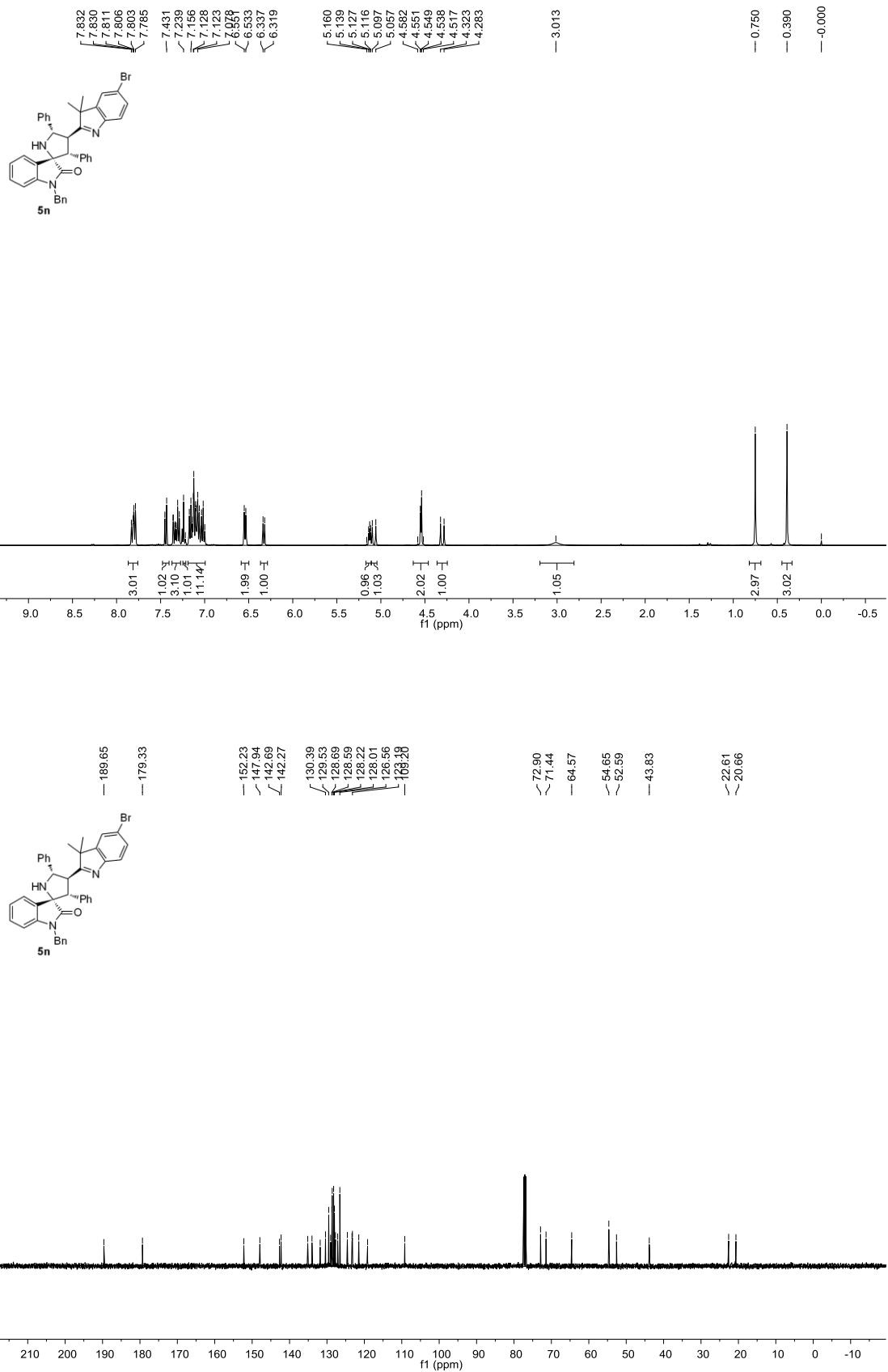


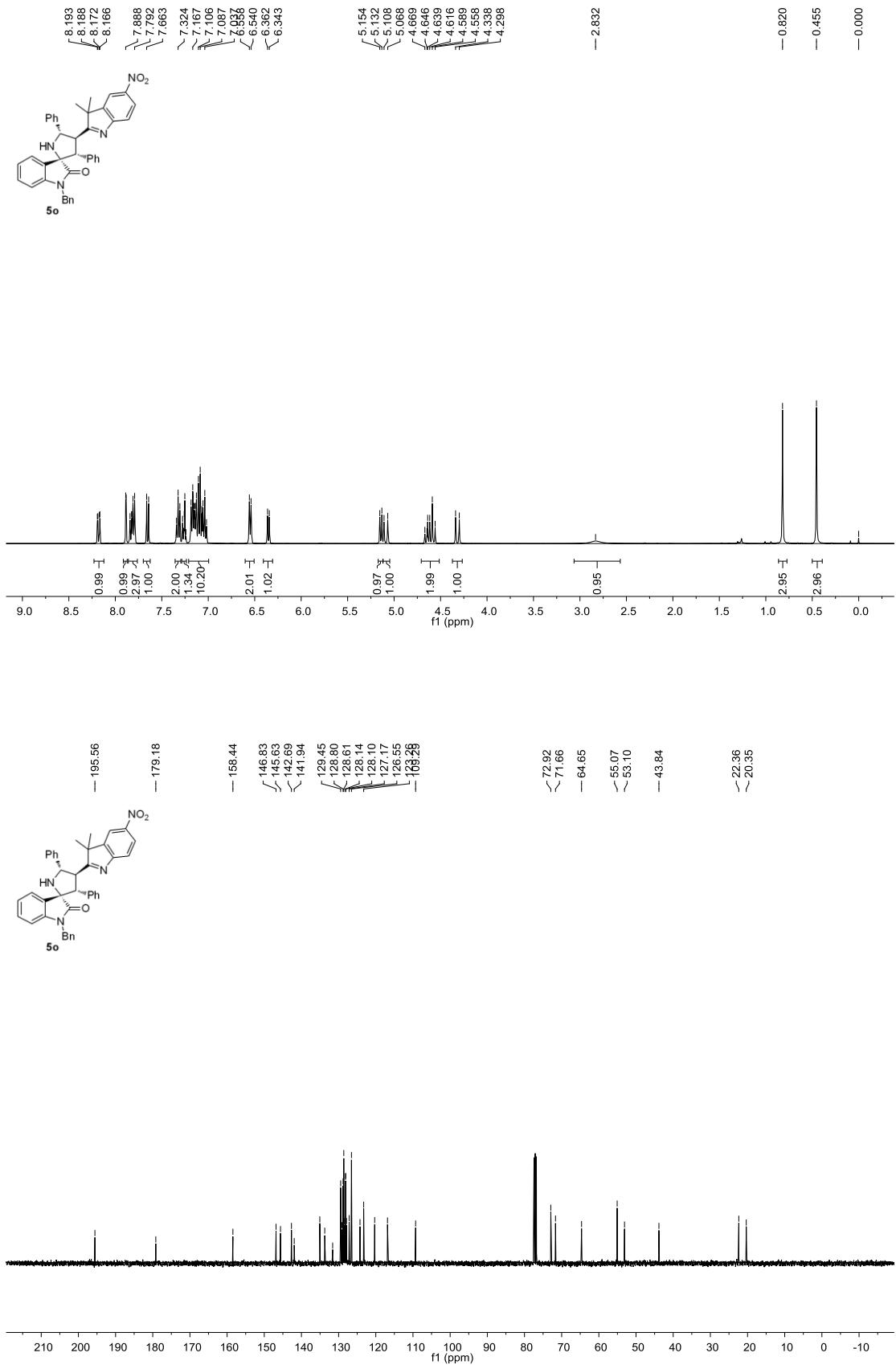


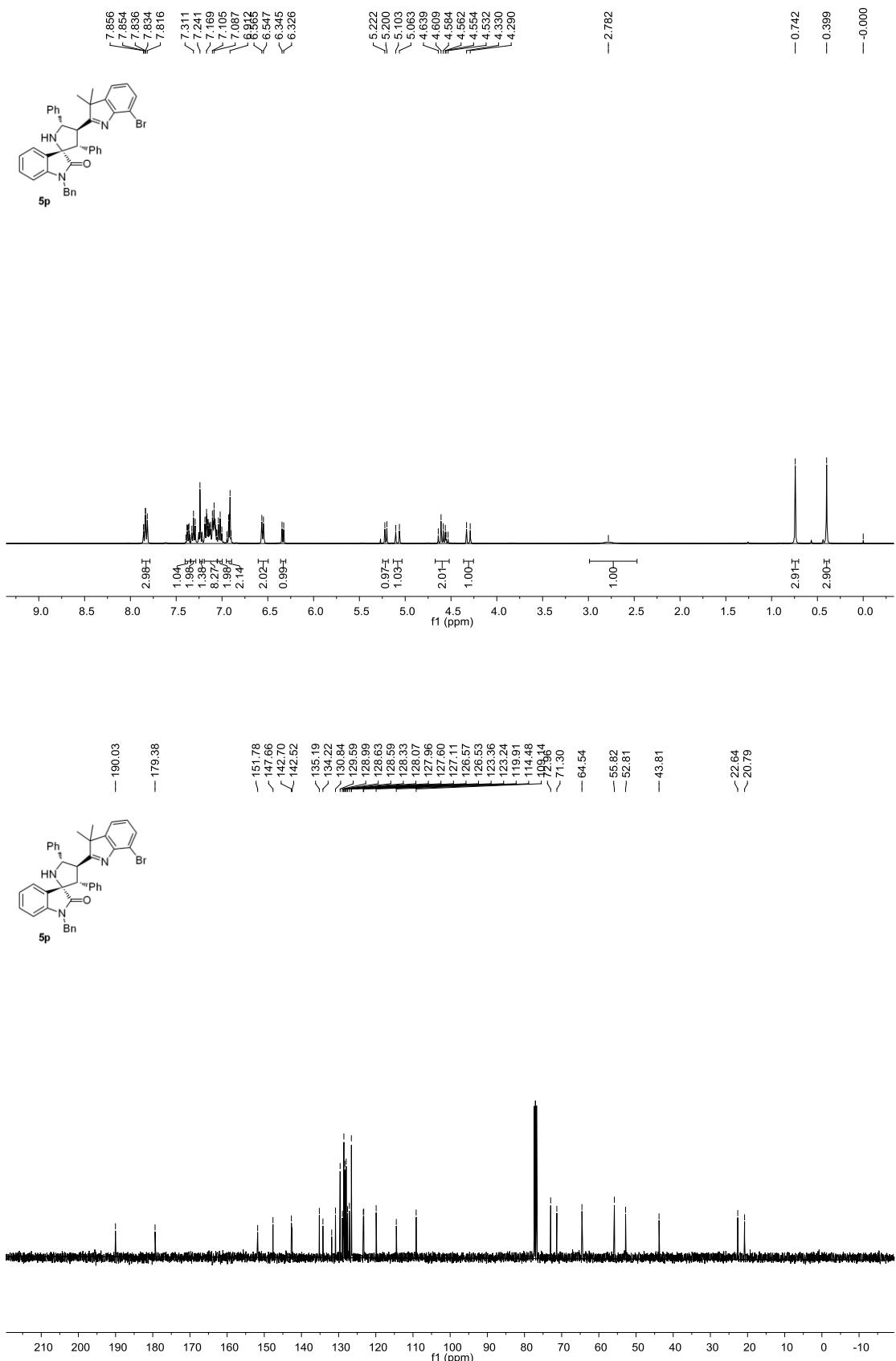


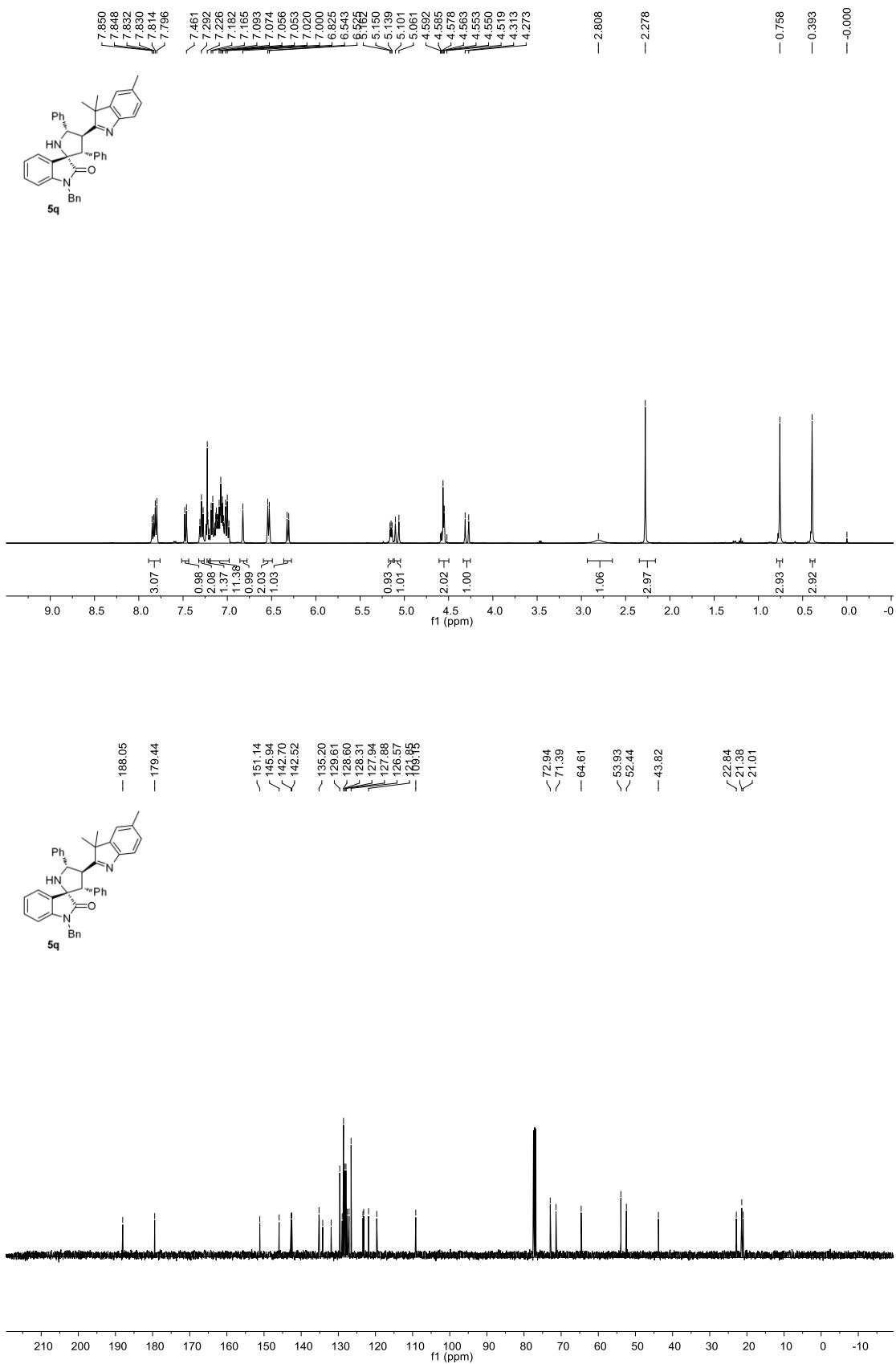


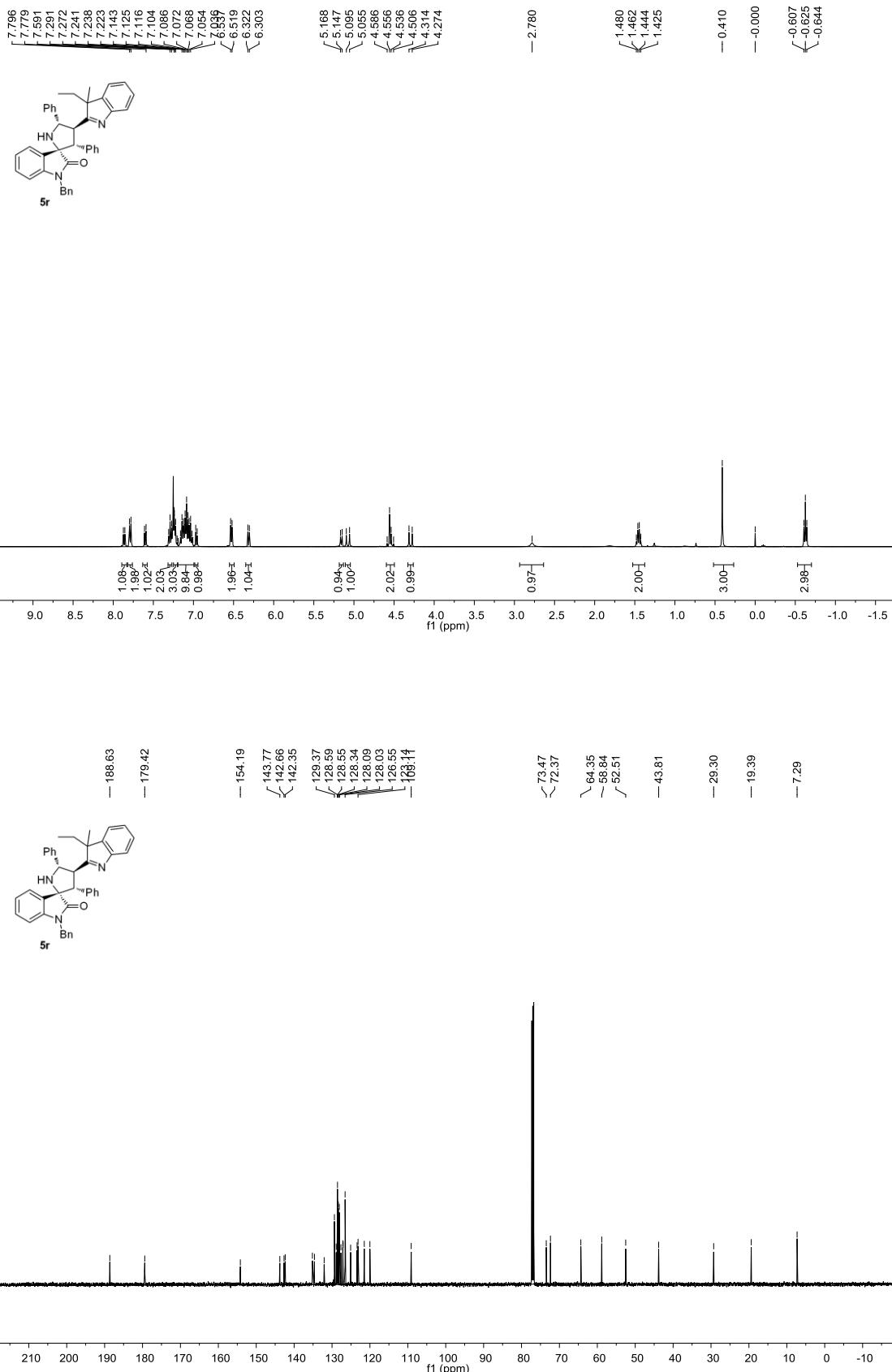


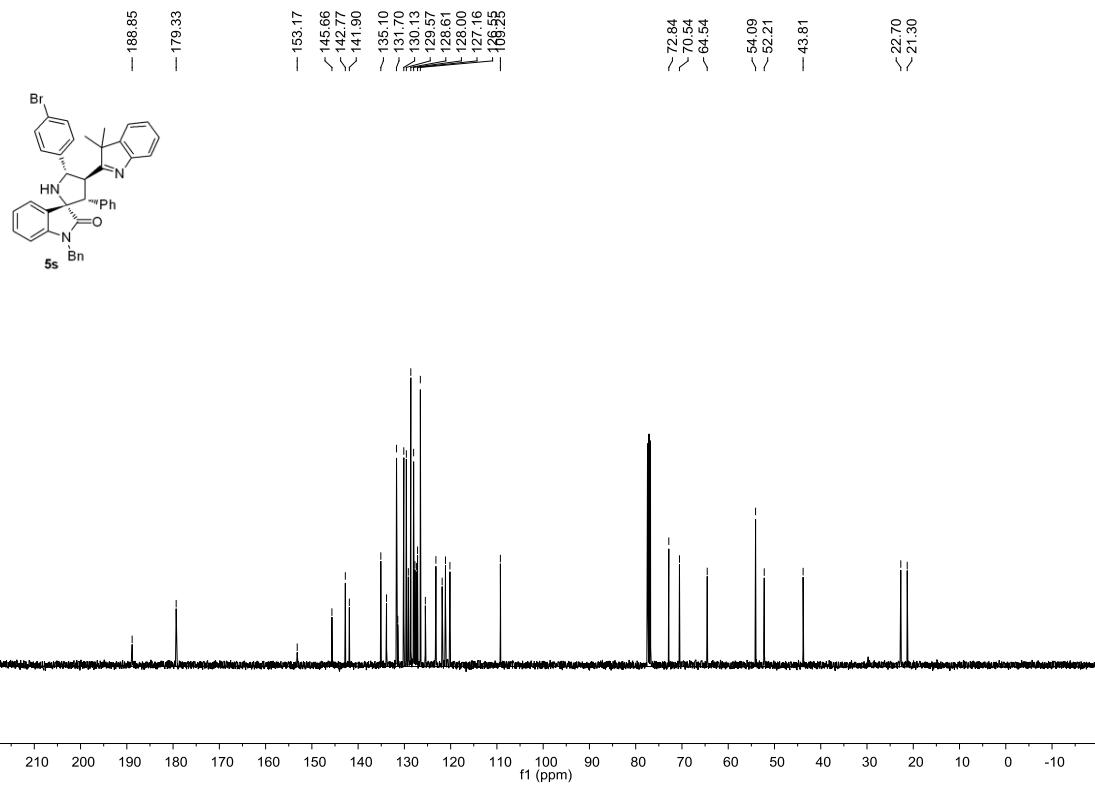
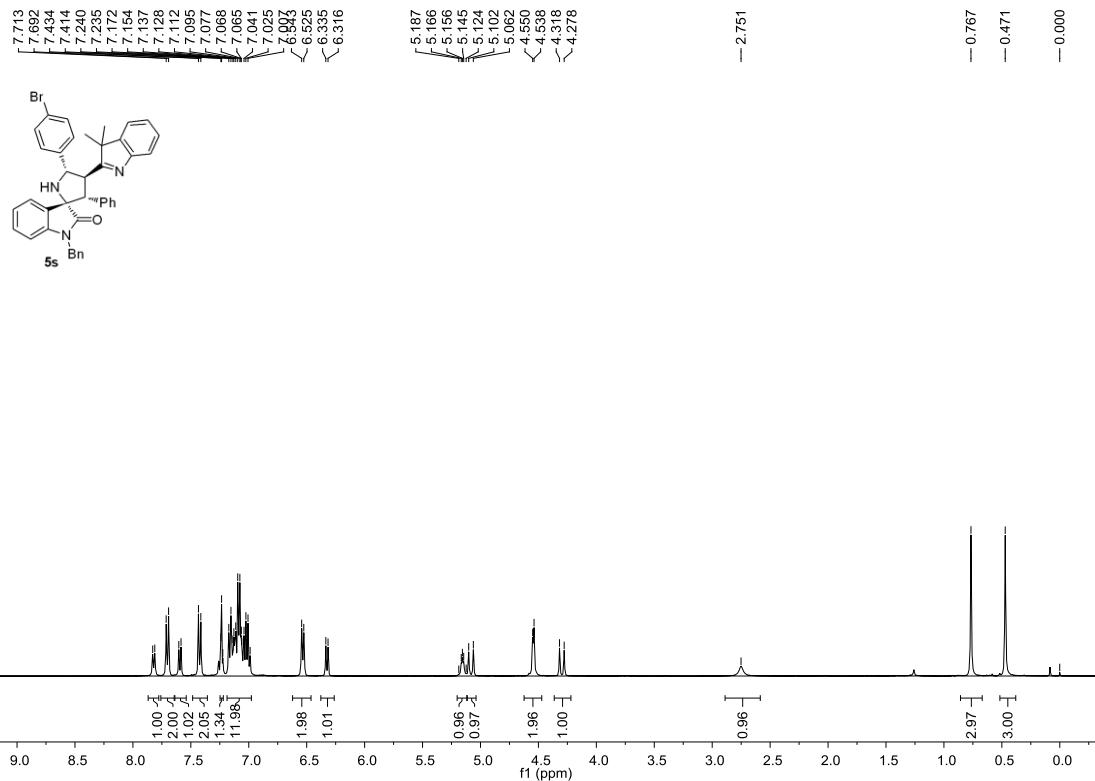


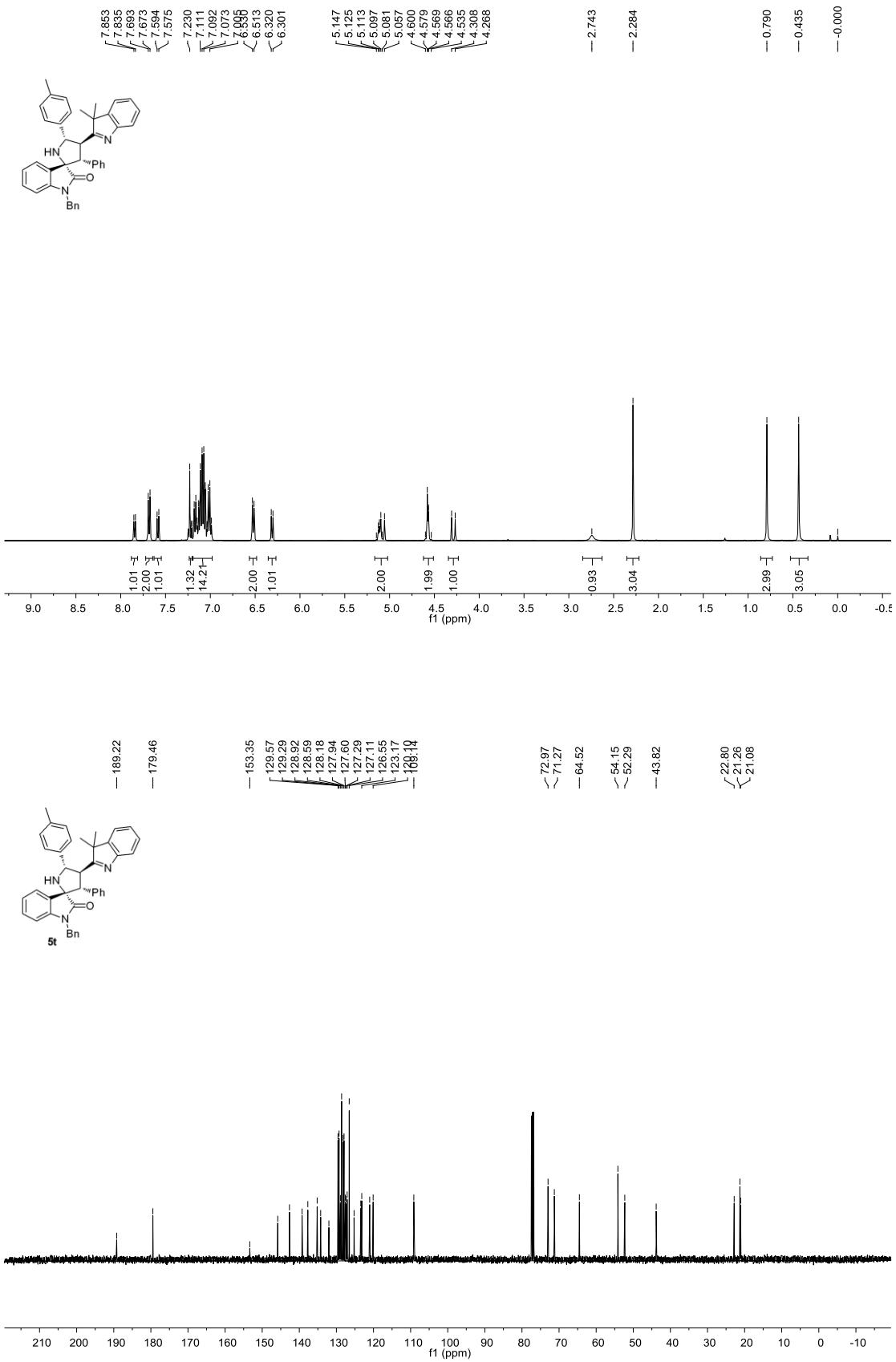


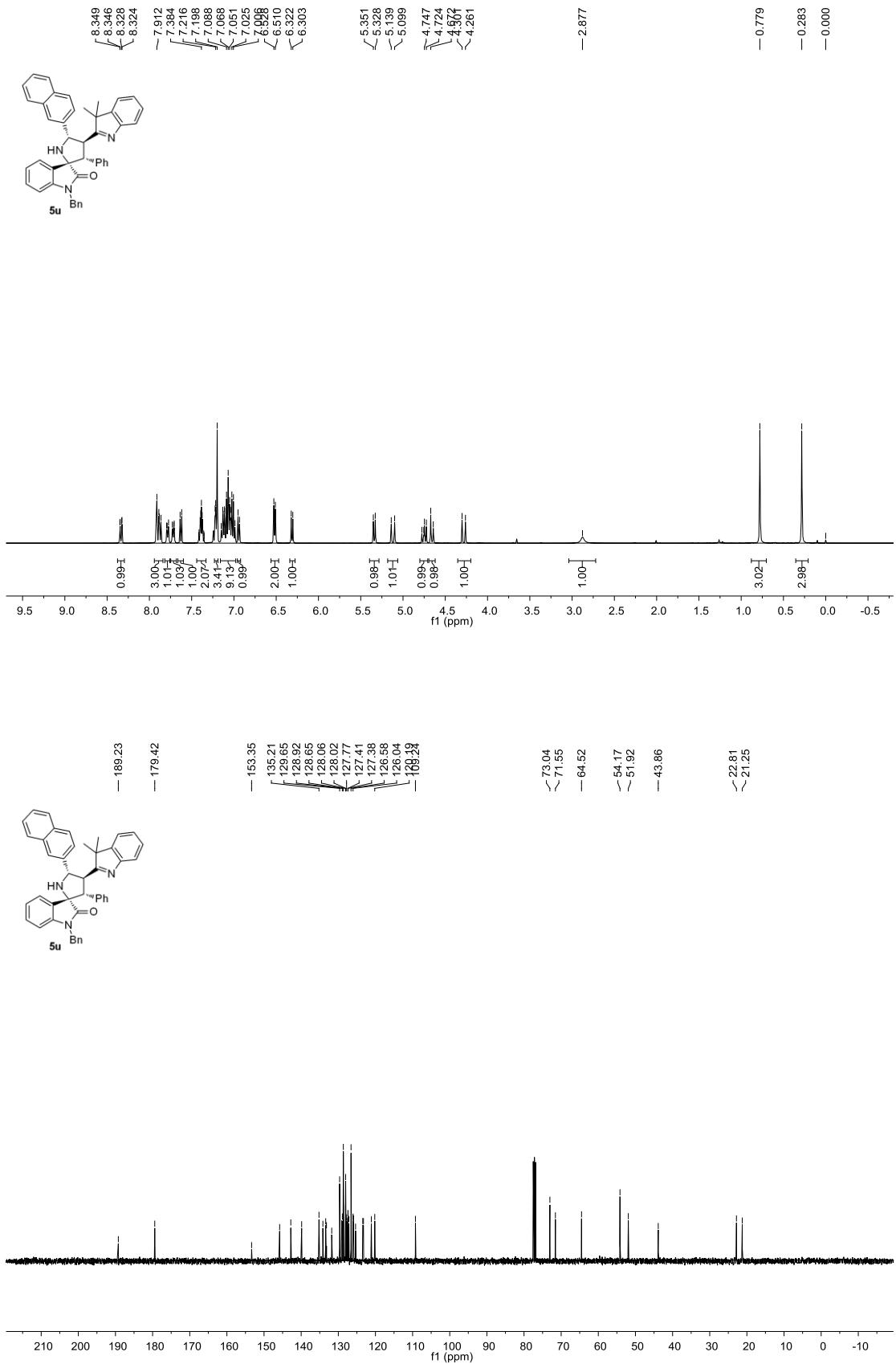


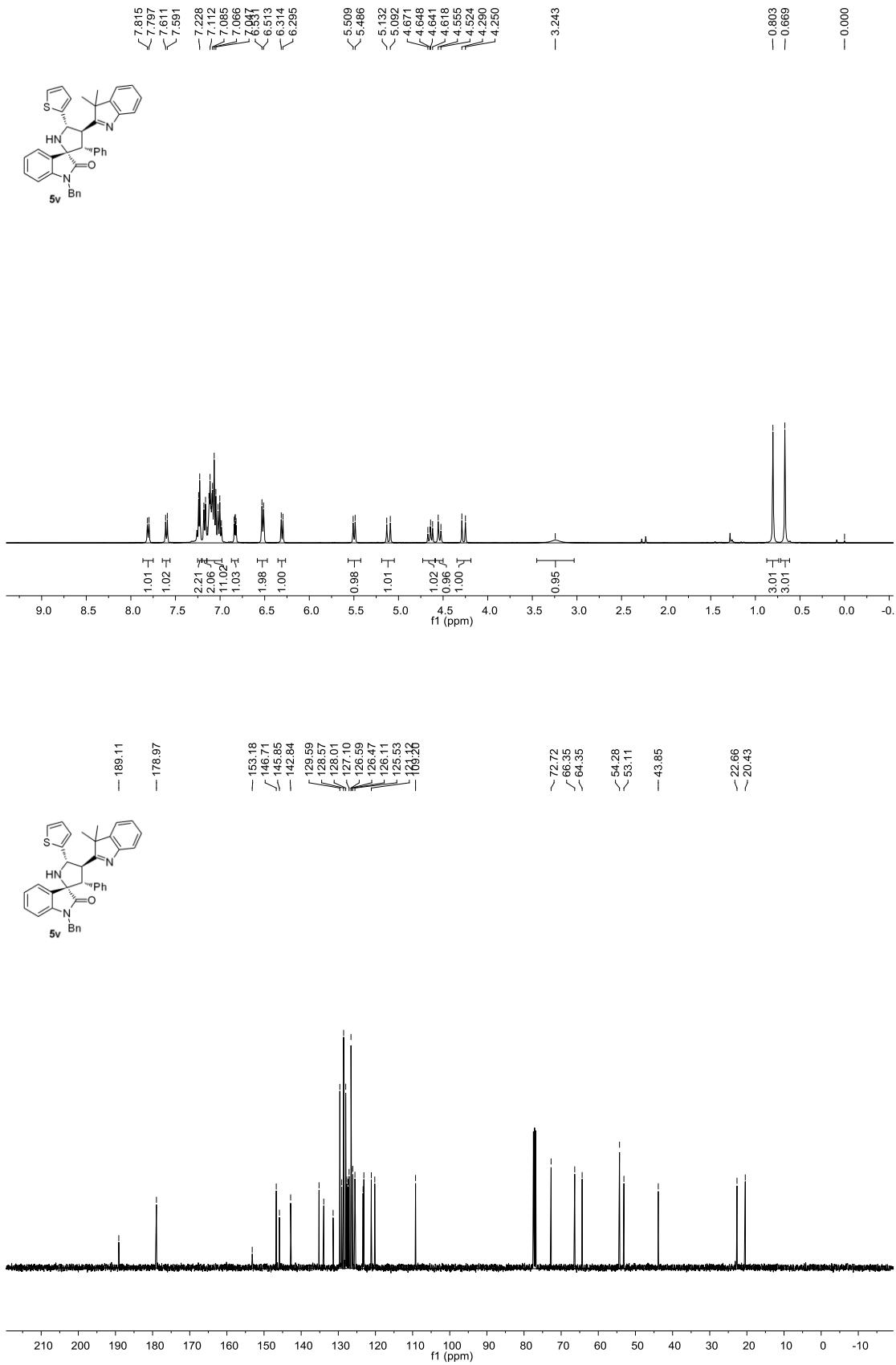


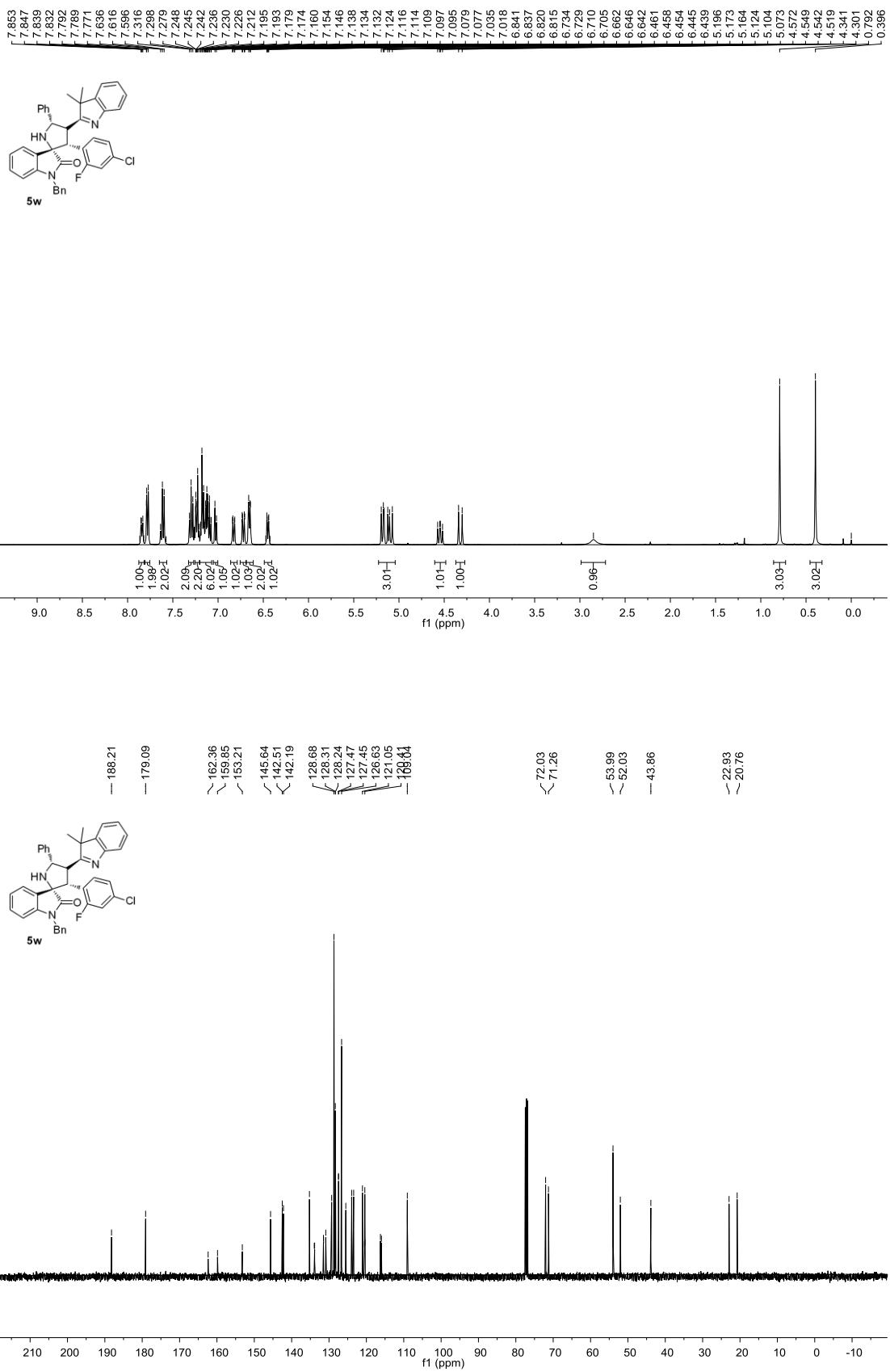


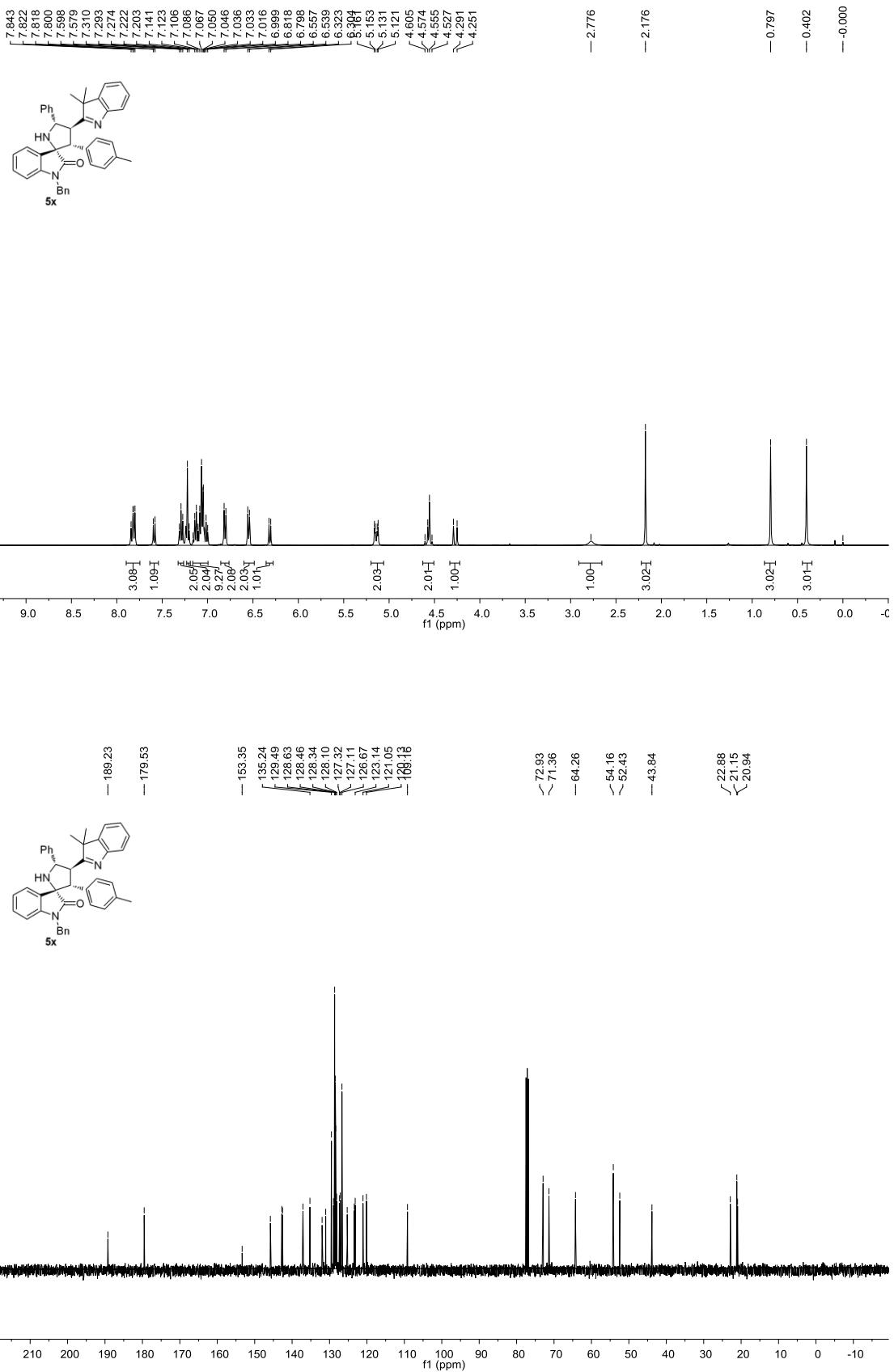


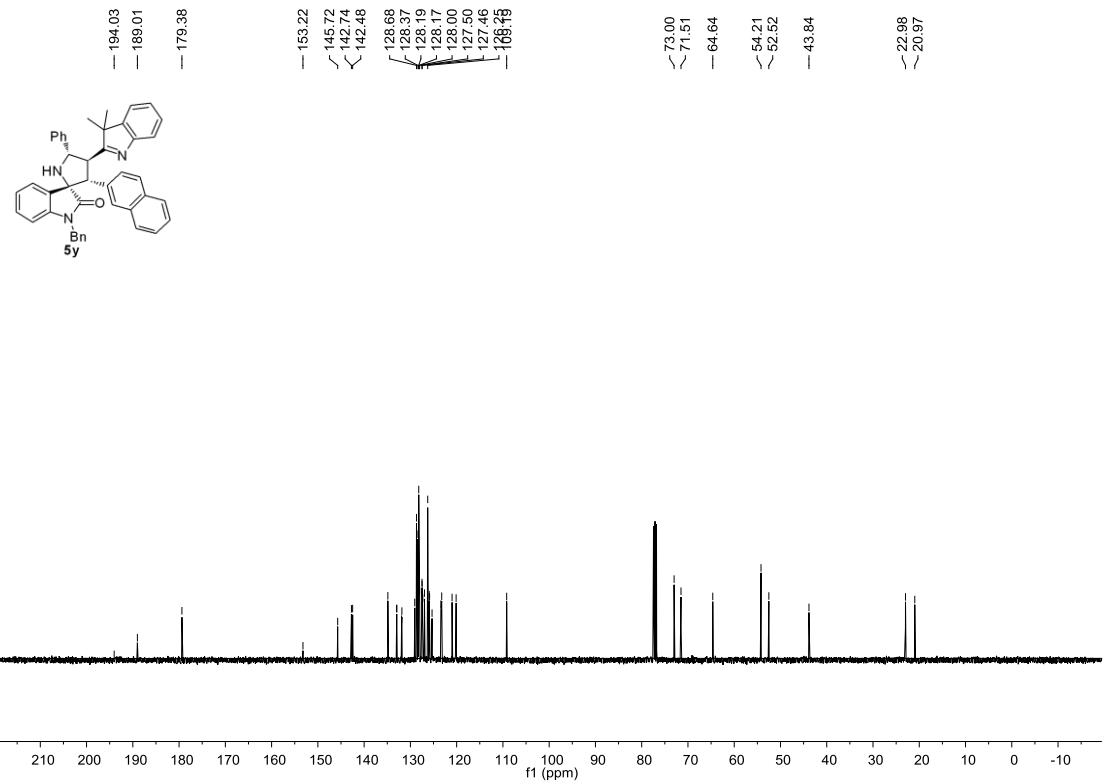
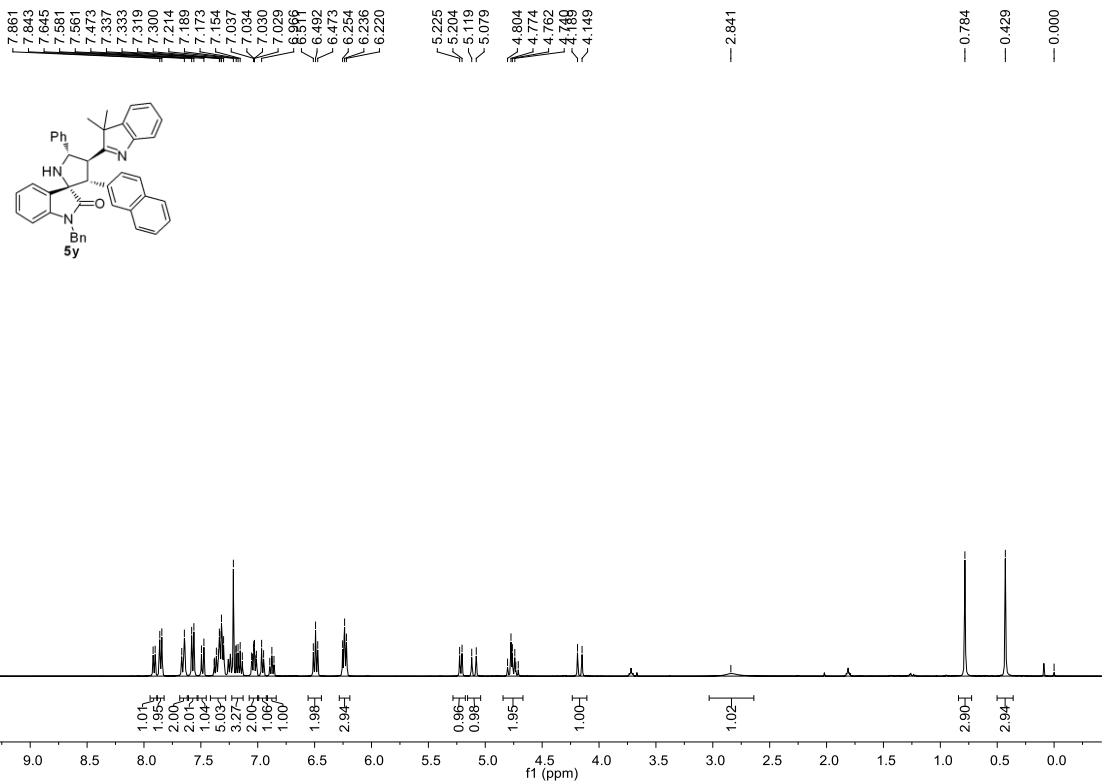


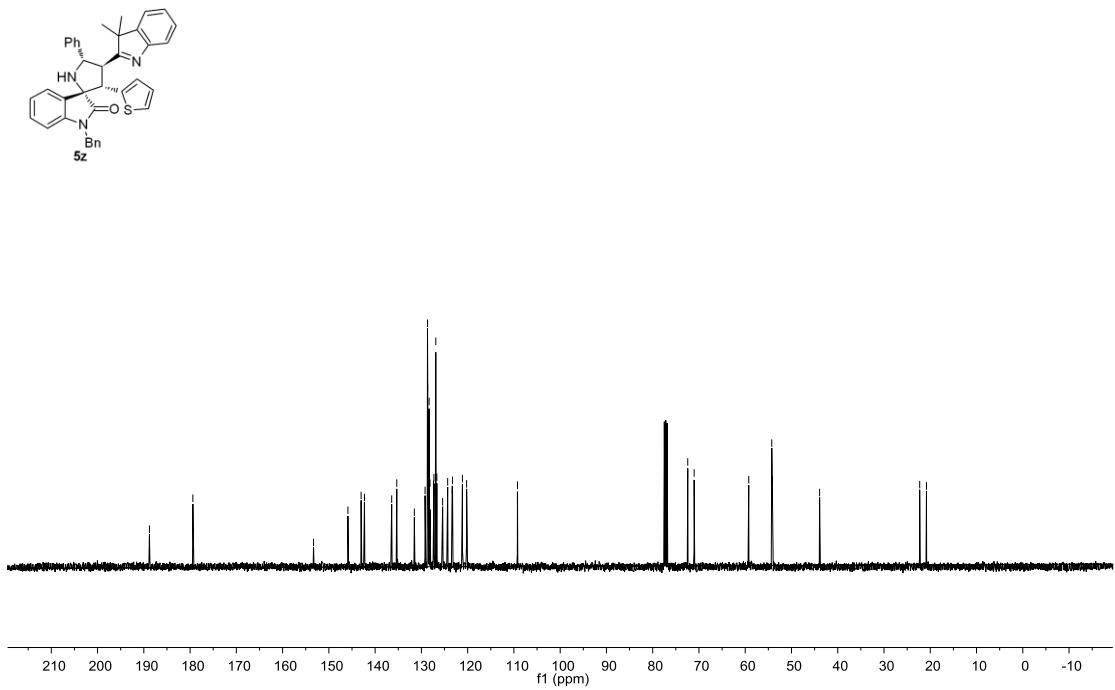
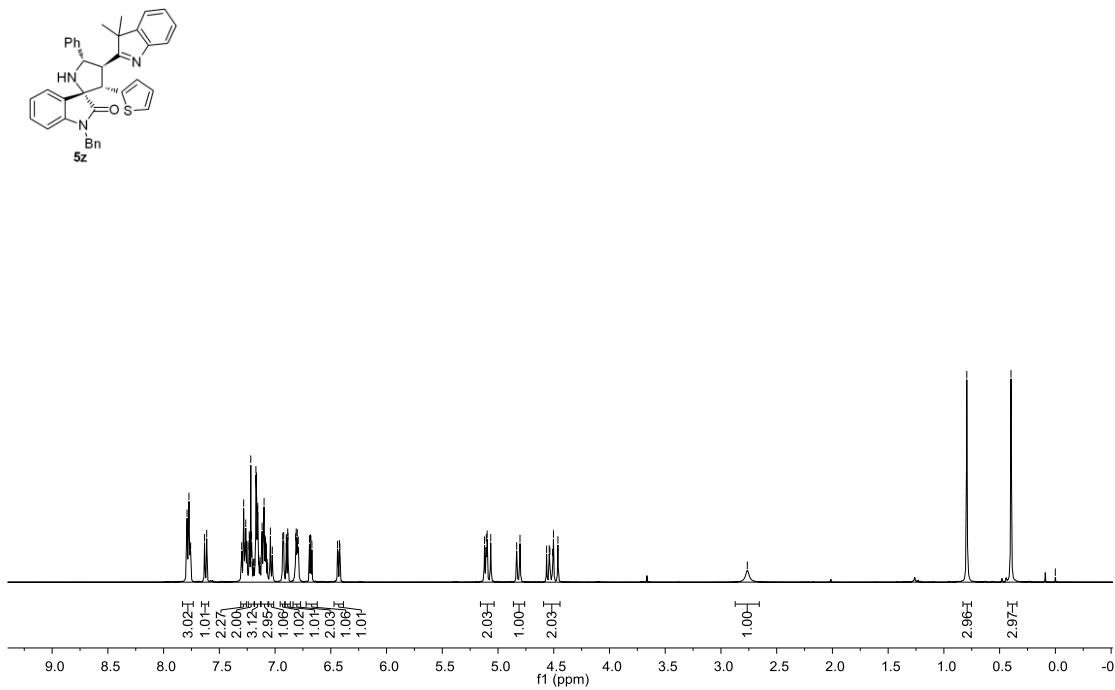


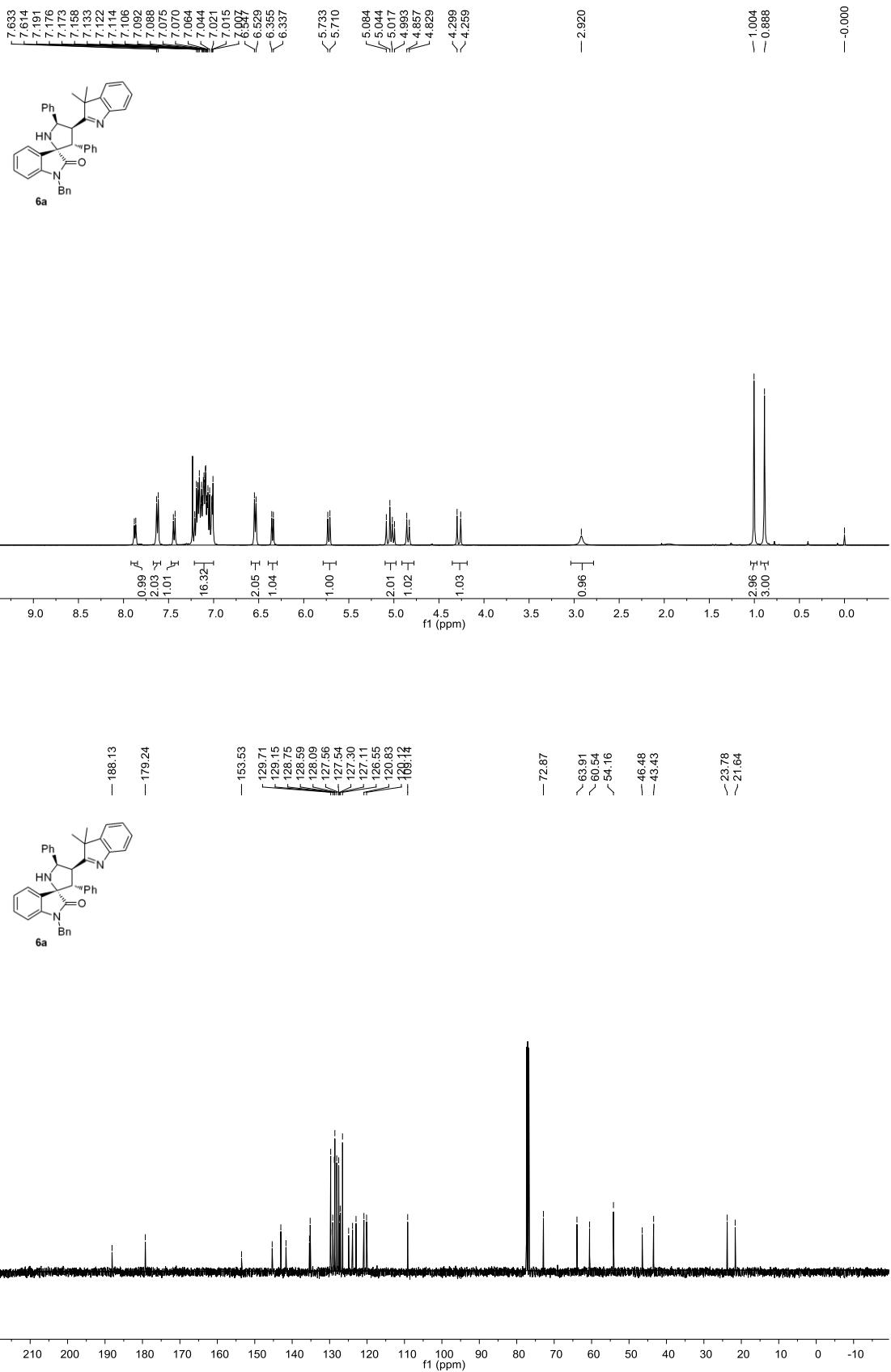


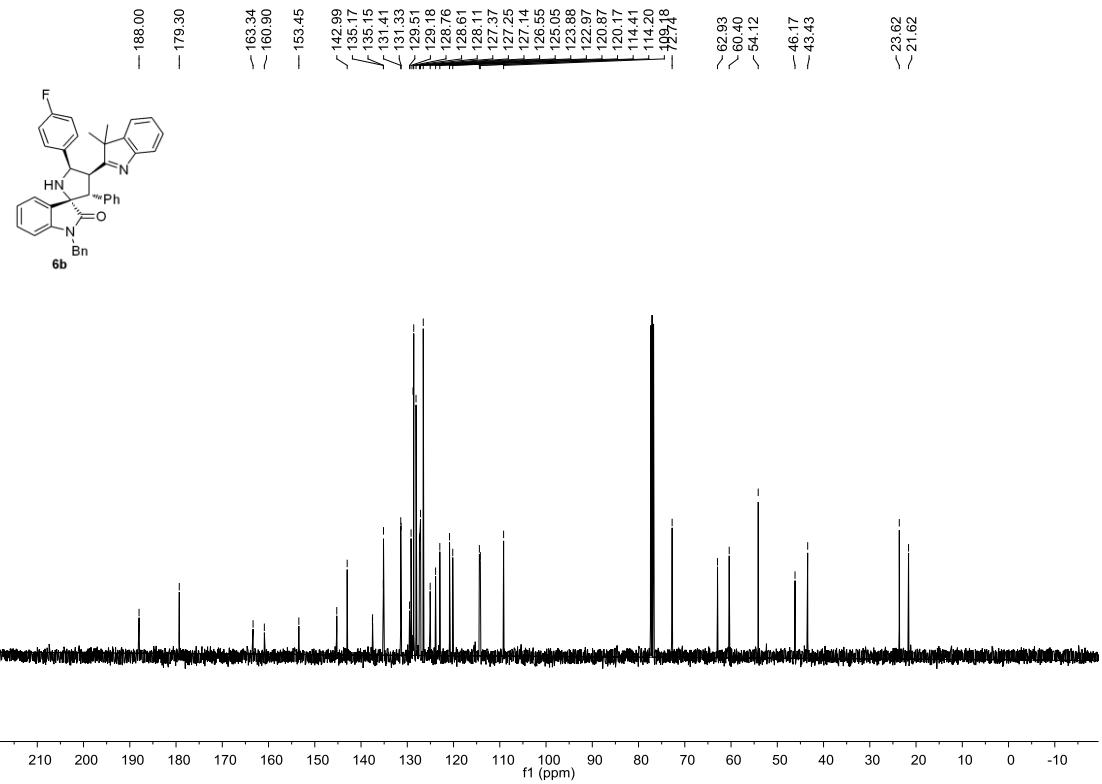
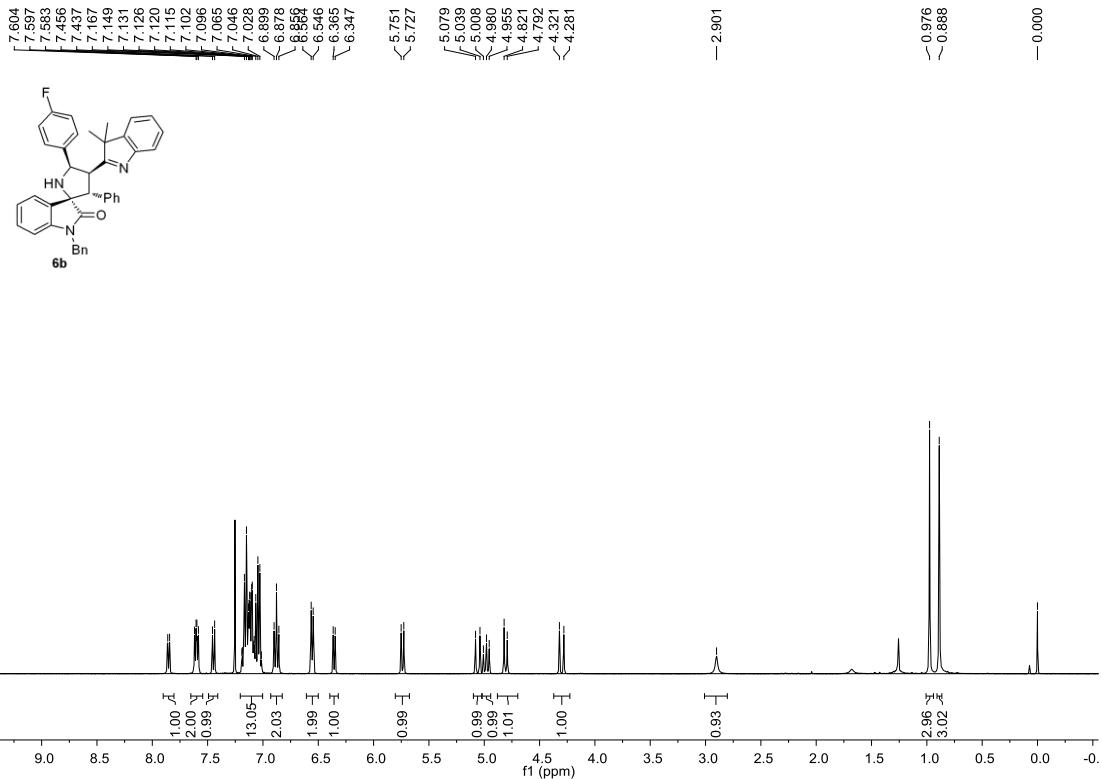


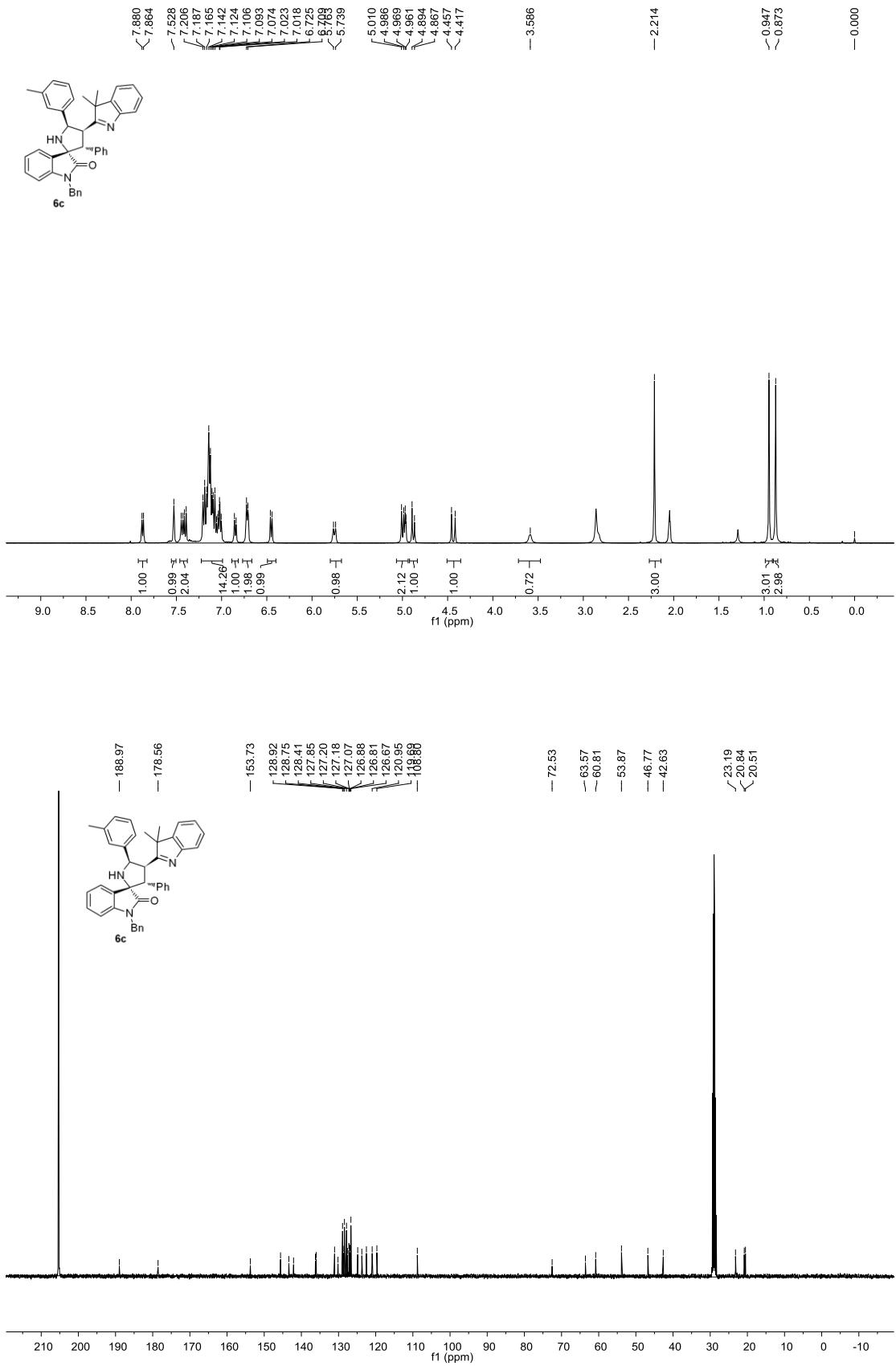


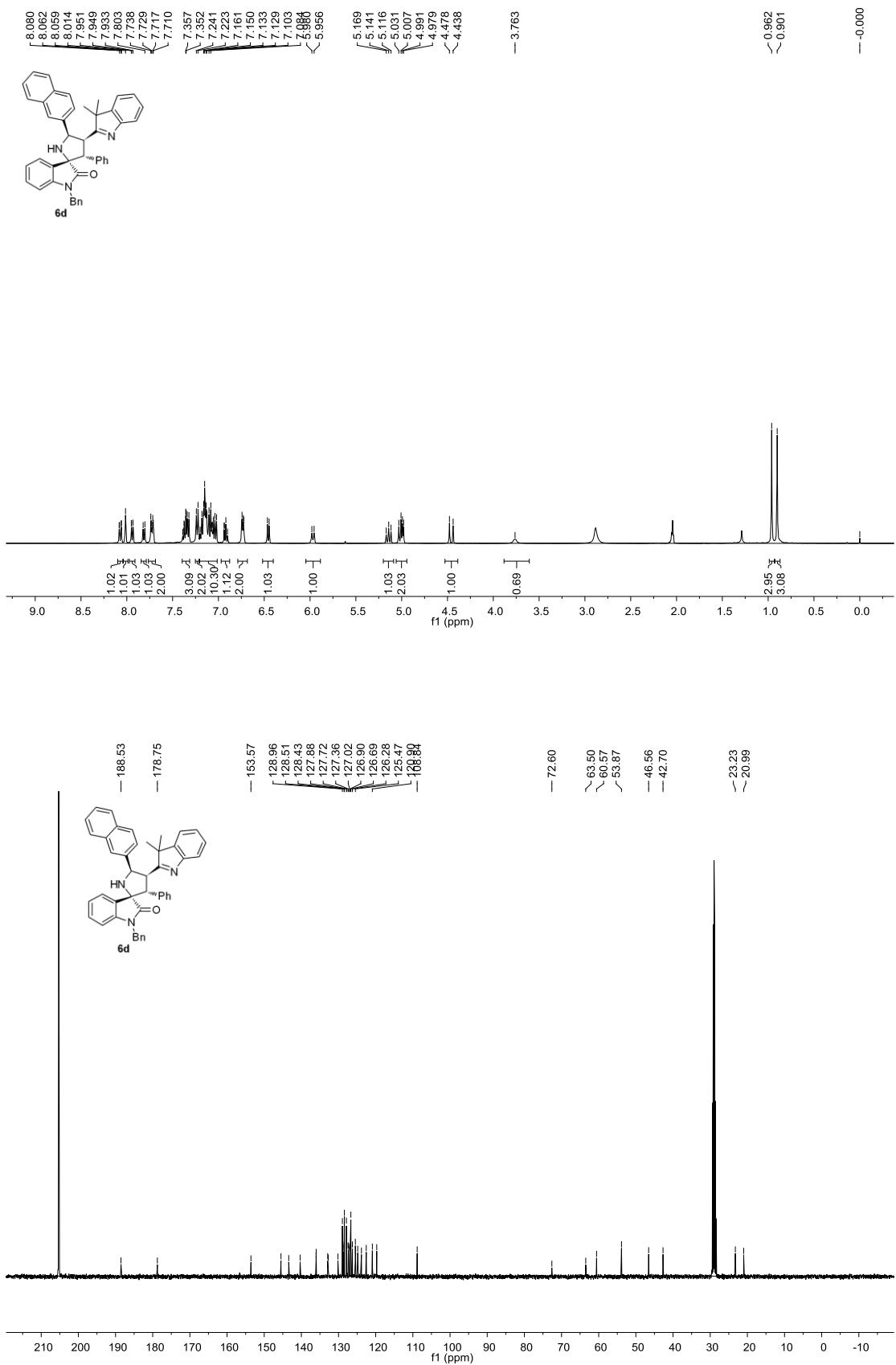


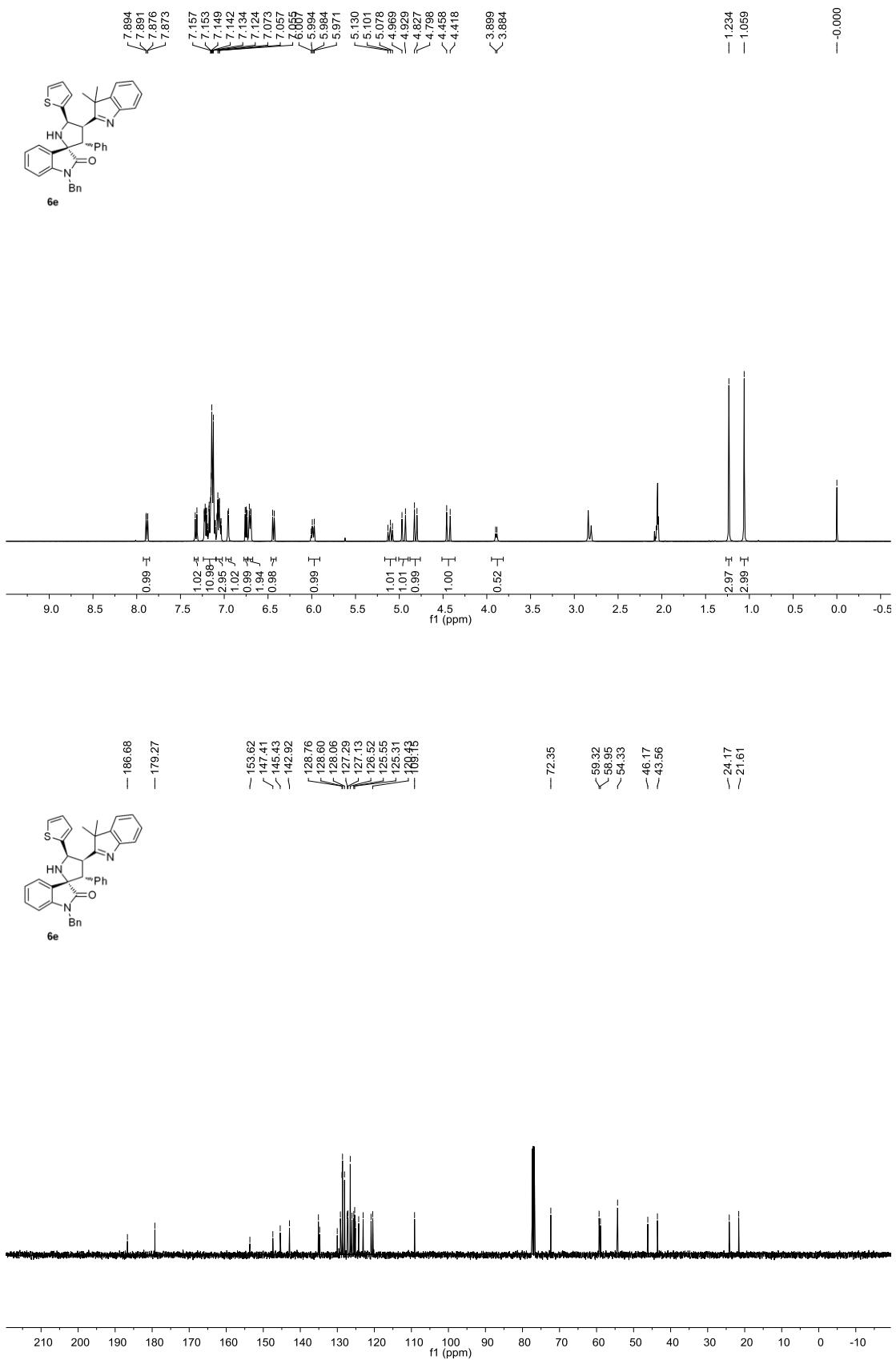


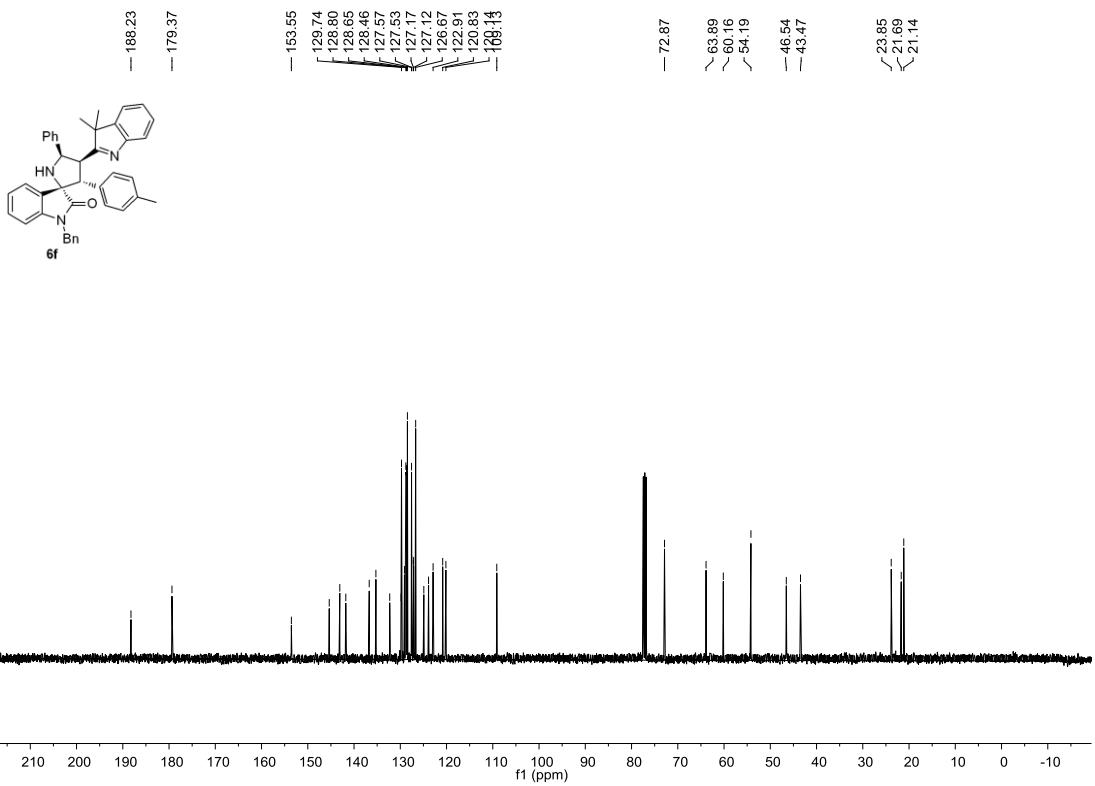
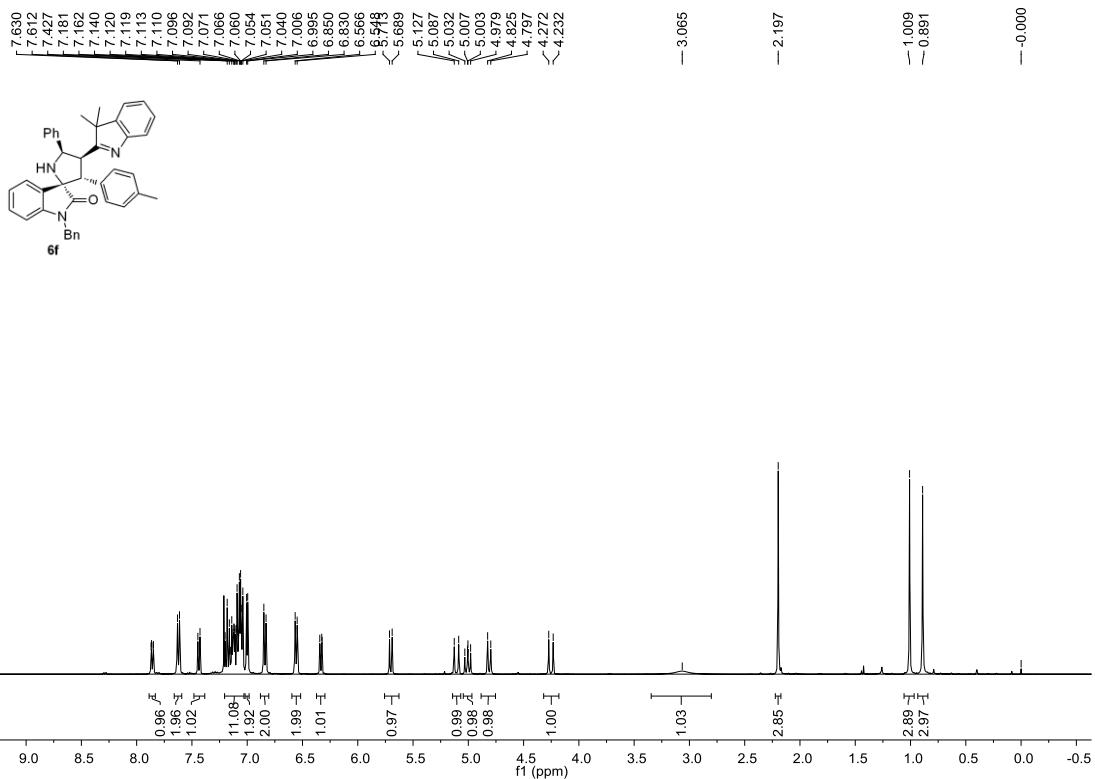


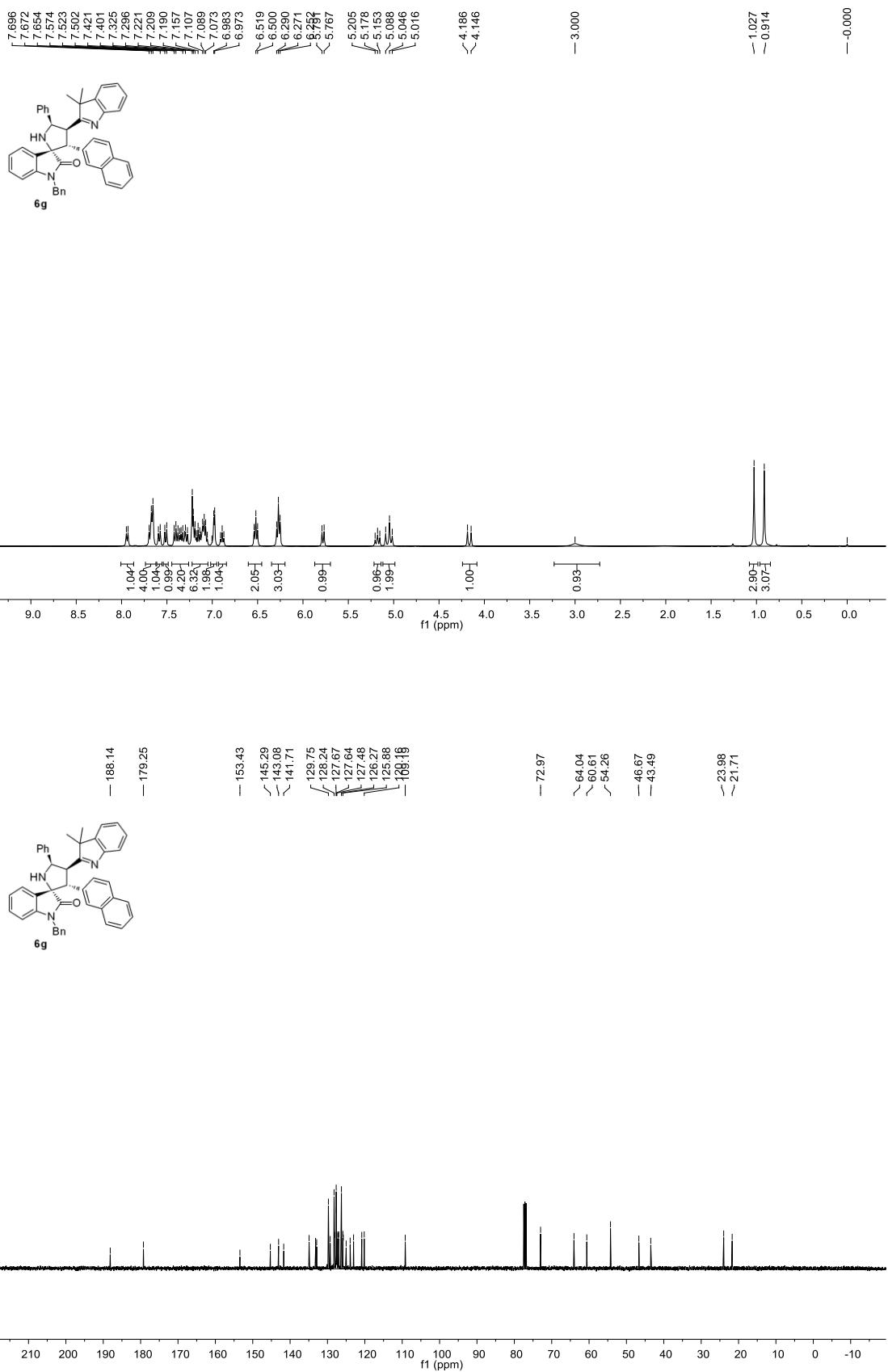


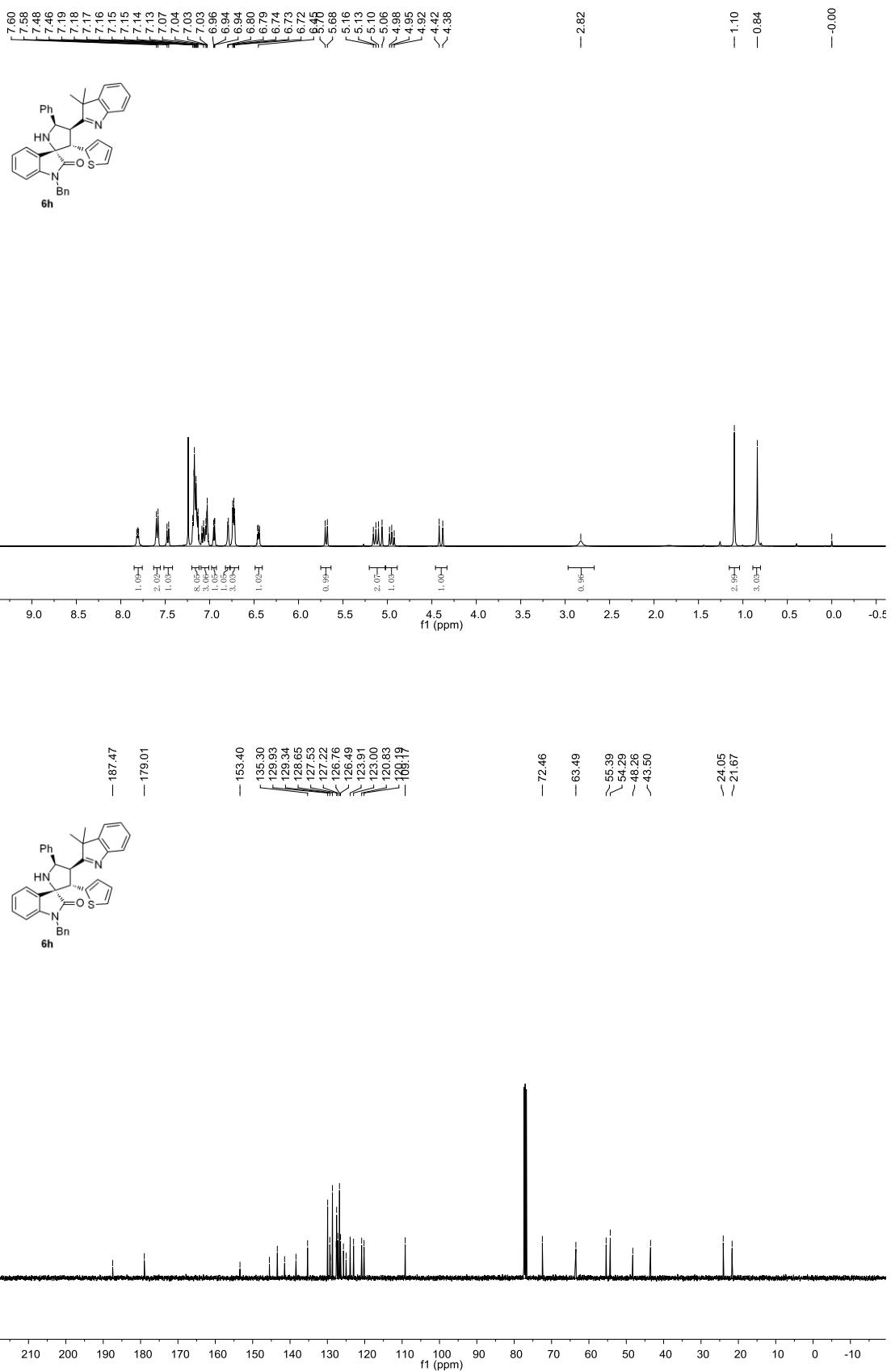


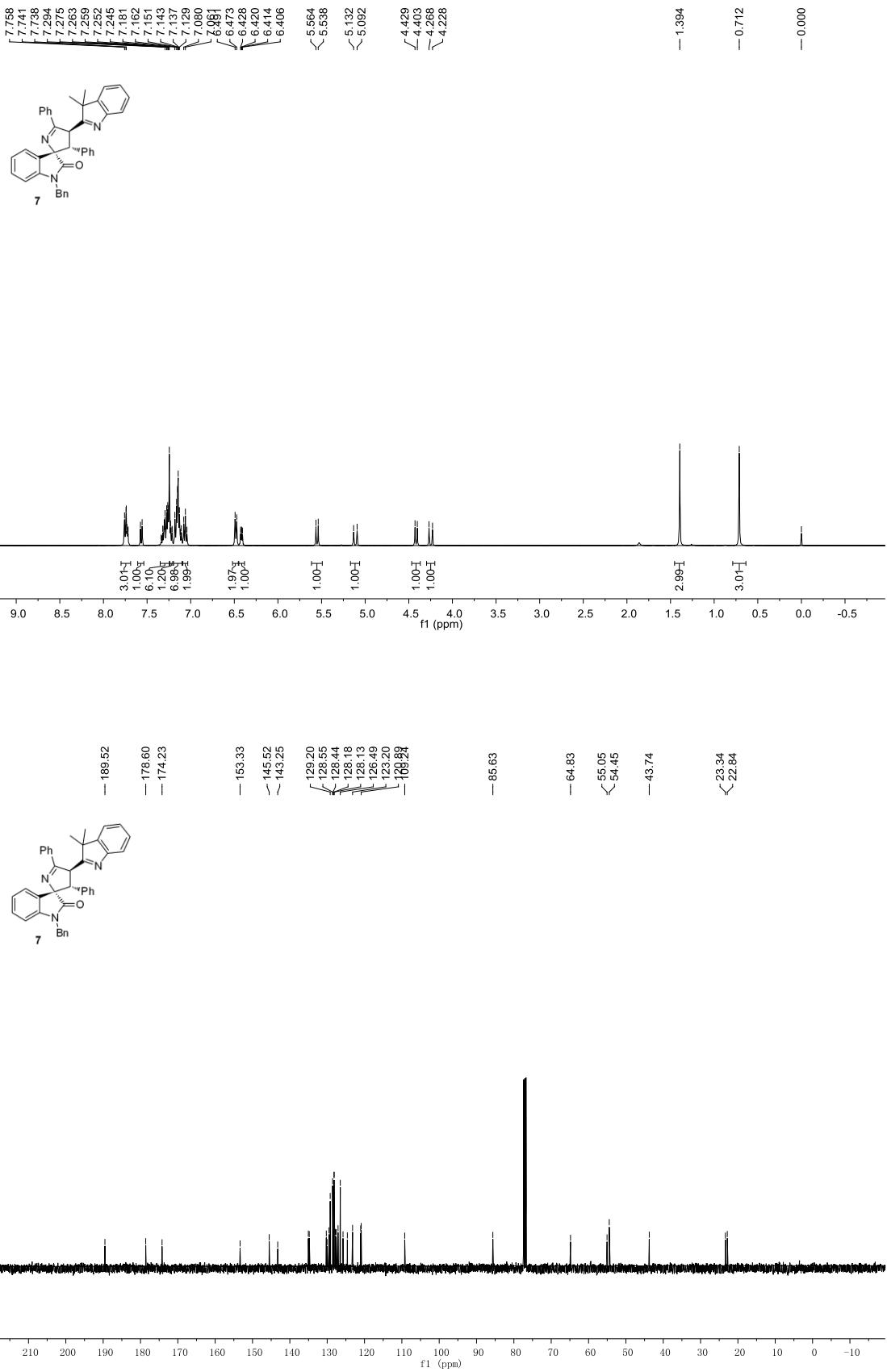


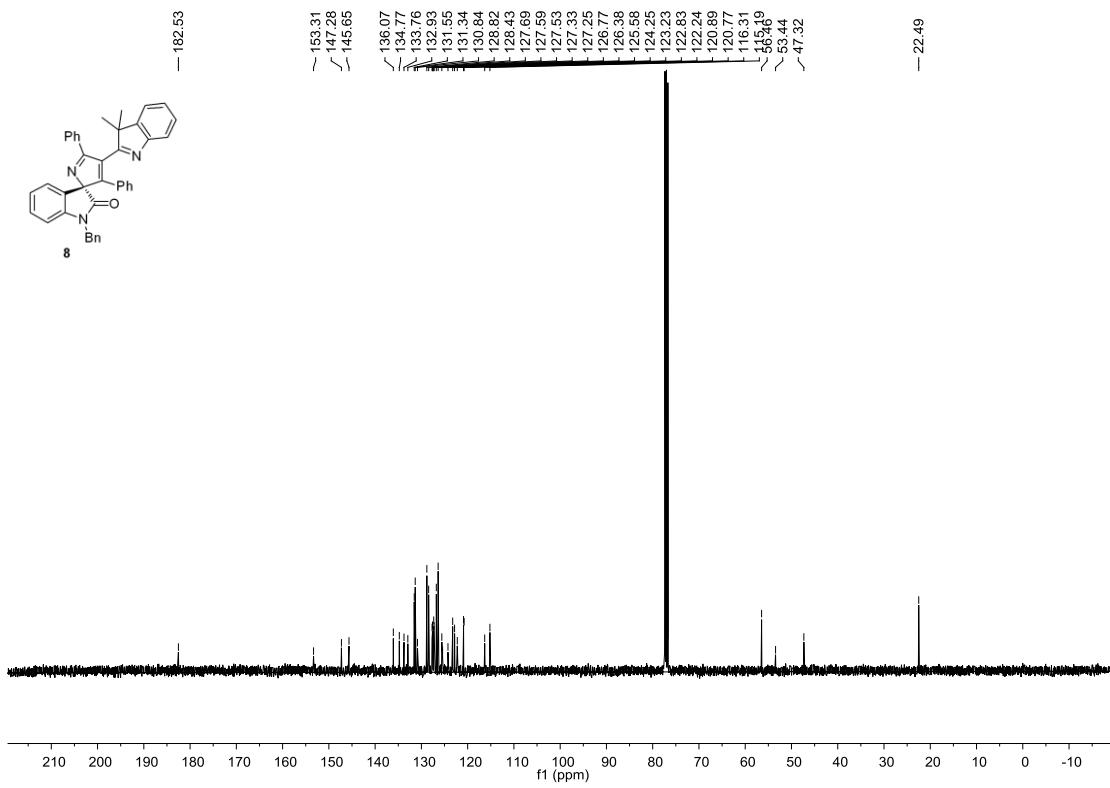
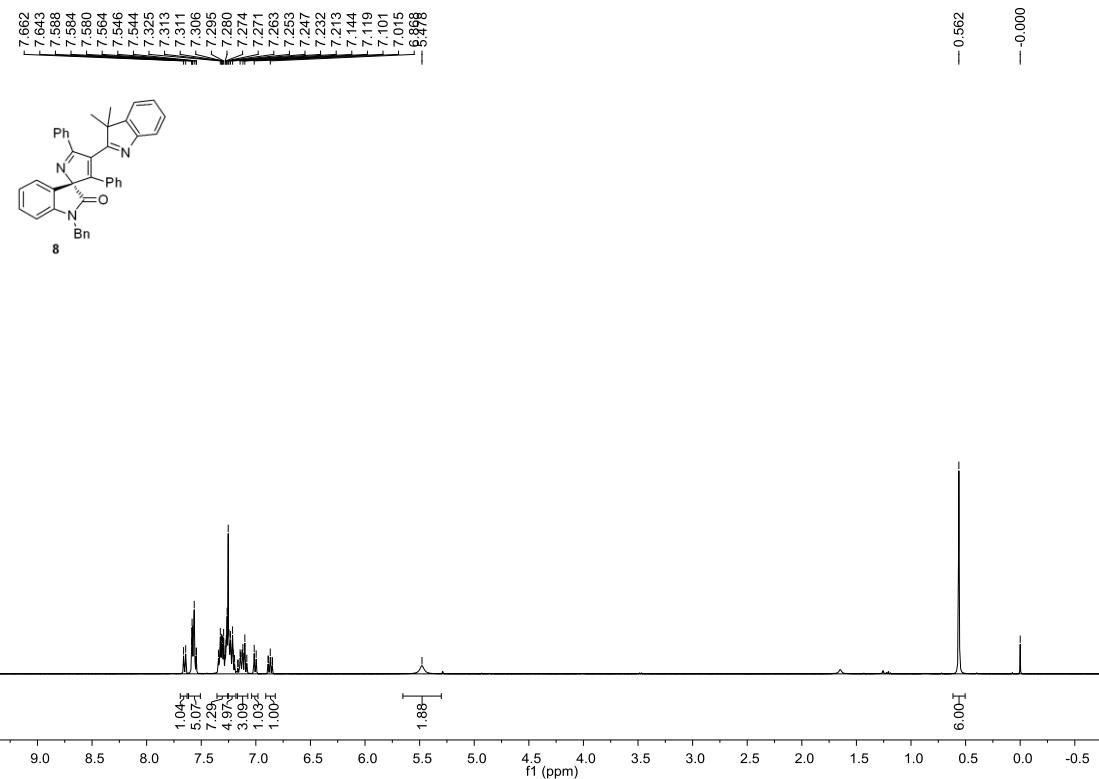


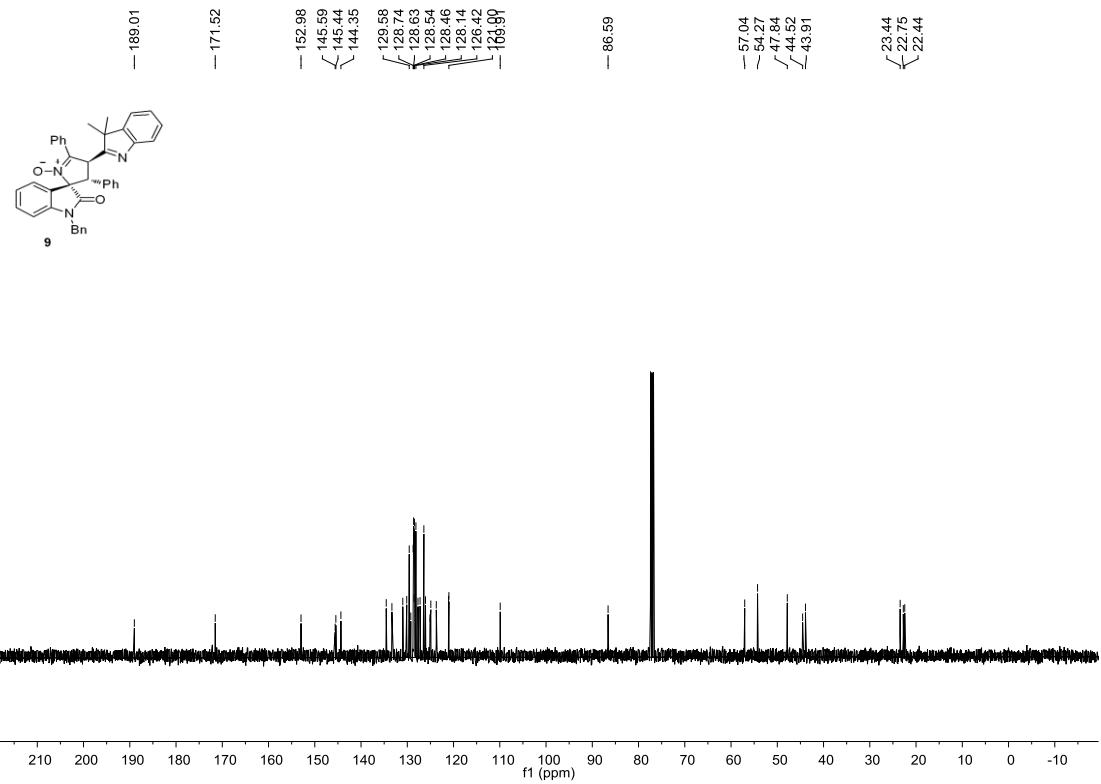
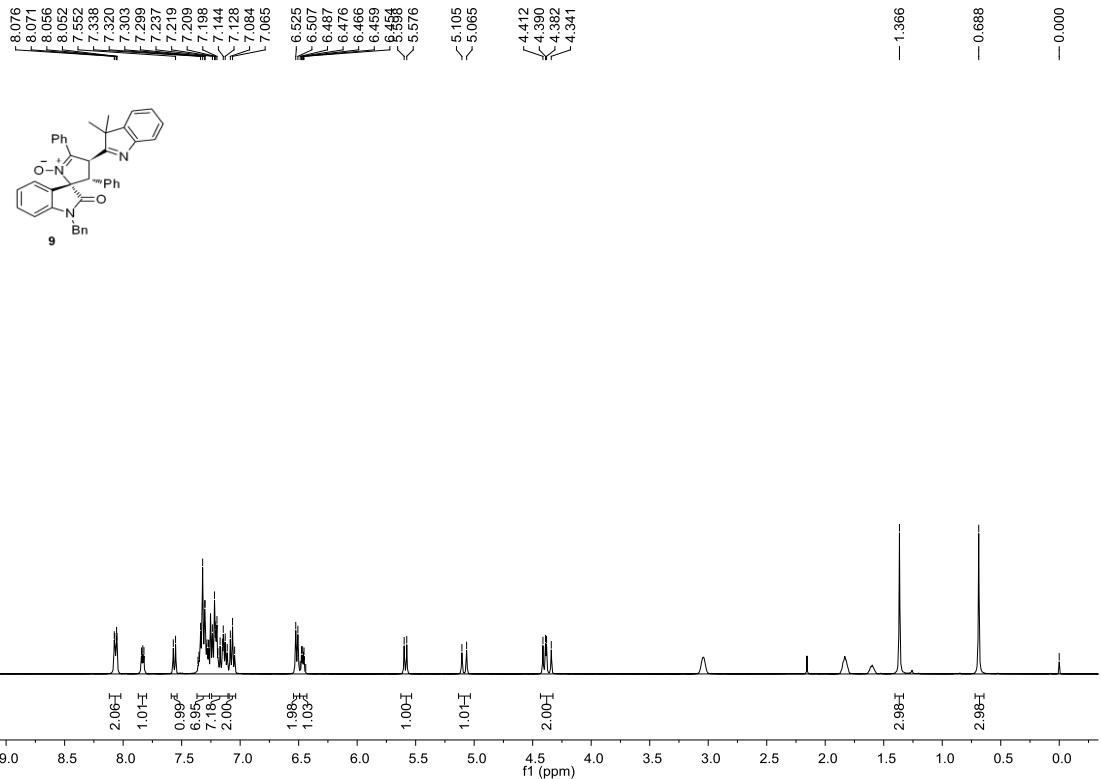












2. Crystal data of 5e and 6a

For 5e:

Empirical formula C40 H34 Br2 N3 O

Formula weight 732.52

Temperature (K) 296(2)

Crystal system triclinic

Space group P-1

a (Å) 11.2235(2)

b (Å) 12.7822(3)

c (Å) 13.1058(3)

α (°) 62.5490(10)

β (°) 83.9160(10)

γ (°) 87.4370(10)

Volume (Å³) 1659.06(6)

Z 2

Dcalcd (g cm⁻³) = 1.466

μ (mm⁻¹) = 2.480

F (000) = 746

Theta range for data collection 1.76 to 25.00

Index ranges -13<=h<=13, -13<=k<=15, -15<=l<=15

Reflections collected 22697

Independent reflections 5857 [R(int) = 0.0352]

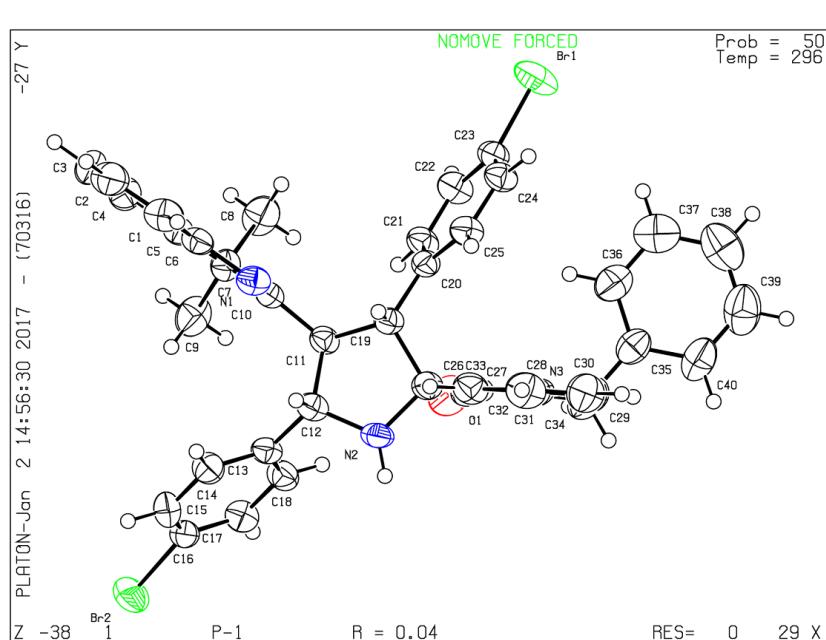
Data/restraints/parameters 5857/0/415

GOF (on F²) 0.930

Final R indexes [I>=2σ (I)] R1 = 0.0391, wR2 = 0.1211

Final R indexes [all data] R1 = 0.0568, wR2 = 0.1311

Largest diff. peak and hole (e Å⁻³) 0.764/-0.635



For 6a:

Empirical formula C14.67 H14.33 N O

Formula weight 220.60

Temperature (K) 296(2)

Crystal system triclinic

Space group P-1

a (Å) 9.9514(2)

b (Å) 12.1514(3)

c (Å) 16.6468(3)

α (°) 109.6120(10)

β (°) 93.8450(10)

γ (°) 106.0740(10)

Volume (Å³) 1793.39(7)

Z 6

Calcd (g cm⁻³) = 1.226

μ (mm⁻¹) = 0.077

F (000) = 704

Theta range for data collection 1.85 to 24.99

Index ranges -11<=h<=11, -14<=k<=14, -19<=l<=19

Reflections collected 18484

Independent reflections 6299 [R(int) = 0.0199]

Data/restraints/parameters 6299/1/451

GOF (on F²) 1.082

Final R indexes [I>=2σ (I)] R1 = 0.0504, wR2 = 0.1354

Final R indexes [all data] R1 = 0.0590, wR2 = 0.1425

Largest diff. peak and hole (e Å⁻³) 0.584/-0.609

