

Supporting Information

Efficient palladium-catalyzed cyanation of aryl/heteroaryl bromides with $K_4[Fe(CN)_6]$ in *t*-BuOH/H₂O using tris(2-morpholinophenyl)phosphine as a ligand

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Ming Bao^a

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116023, China*

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Changchun 130021, China.*

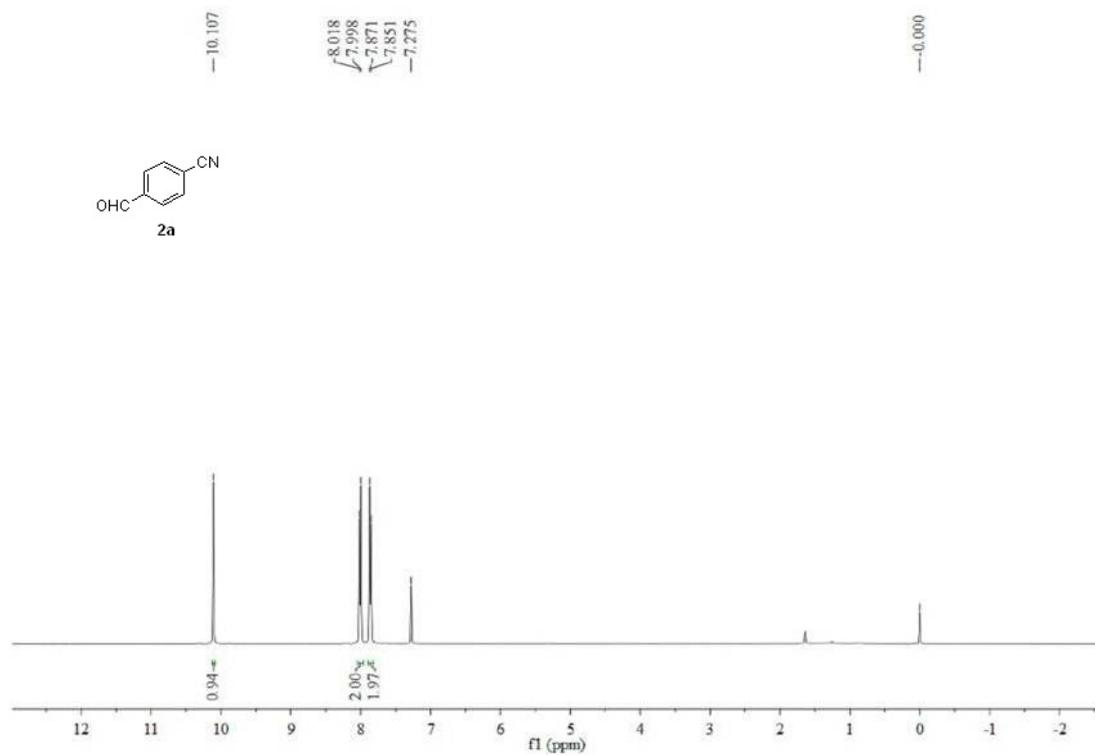
^c *WPI-AIMR (WPI-Advanced Institute for Materials Research), Tohoku University,
Sendai 980-8577, Japan*

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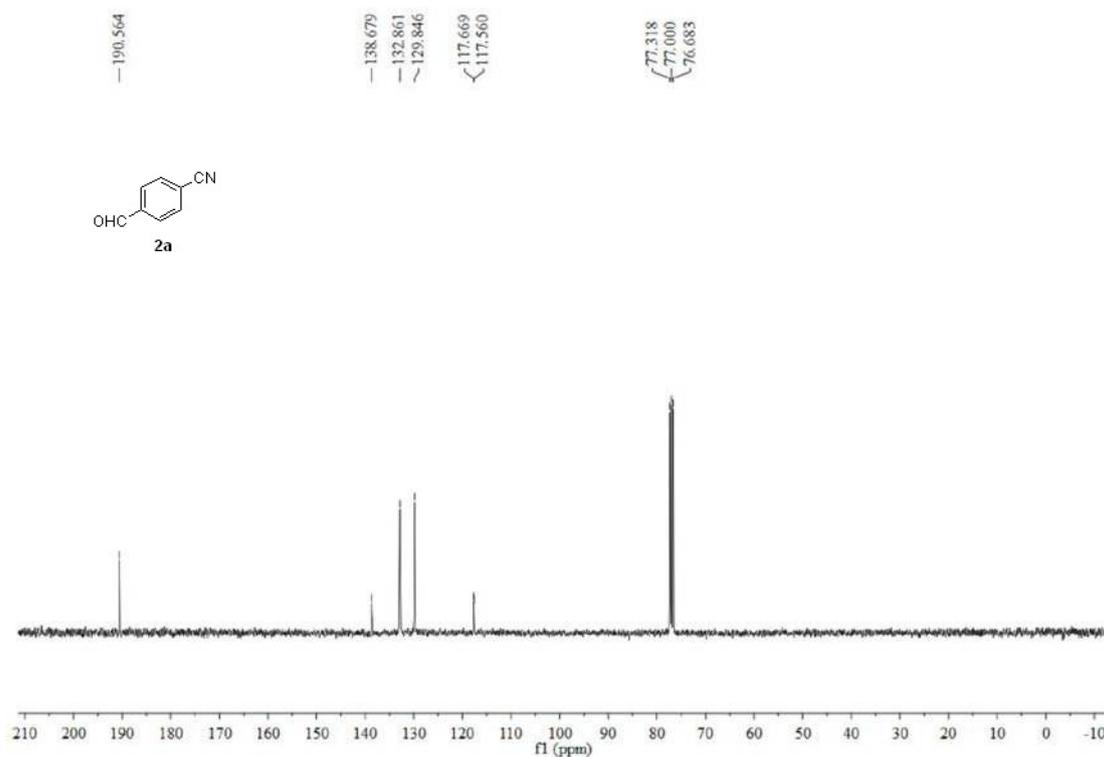
1. Copies of ¹H and ¹³C NMR Spectra of Products.....S1-S29

1. Copies of ^1H and ^{13}C NMR Spectra of Products

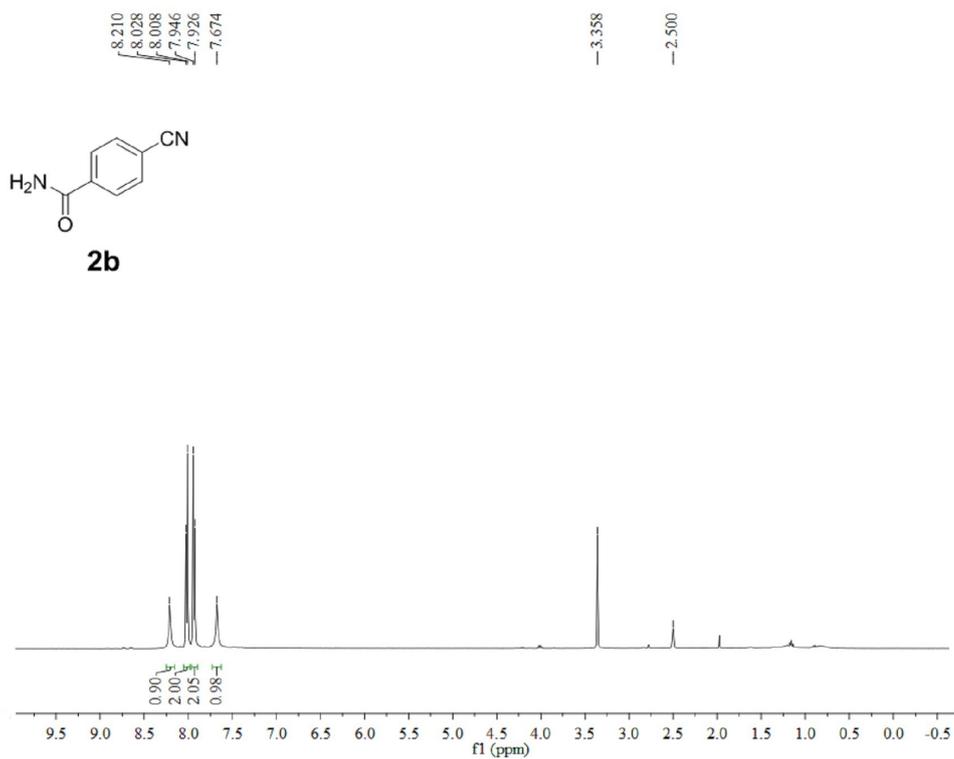
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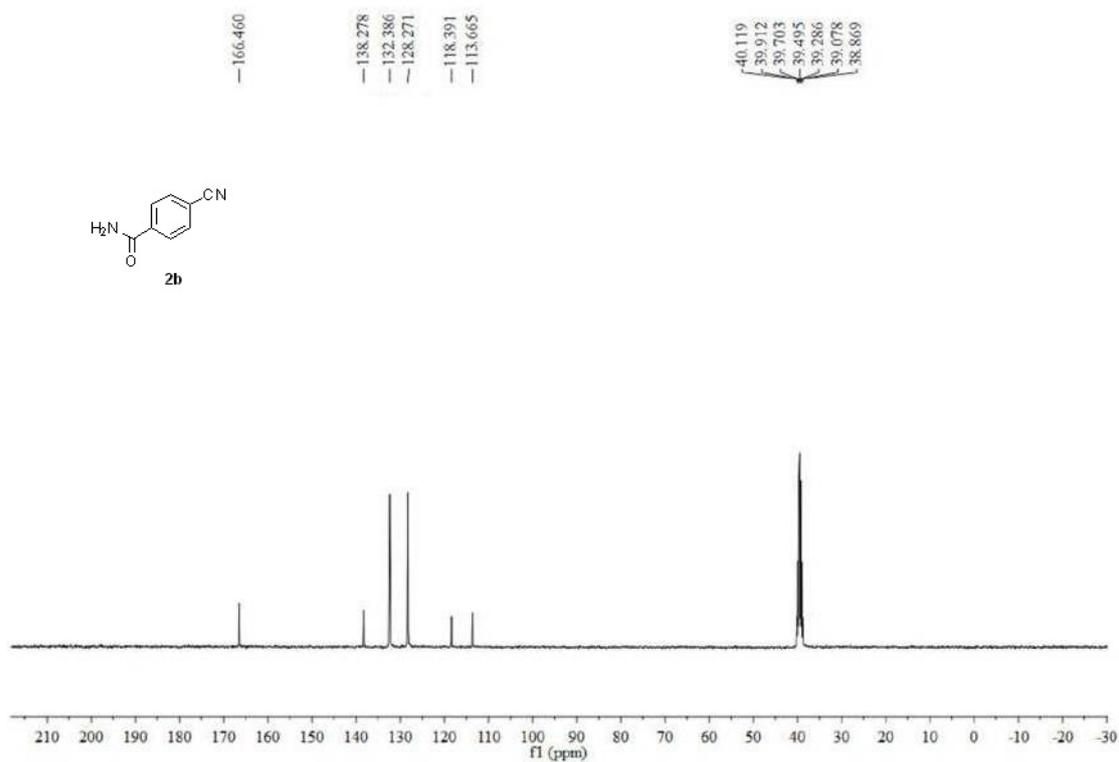
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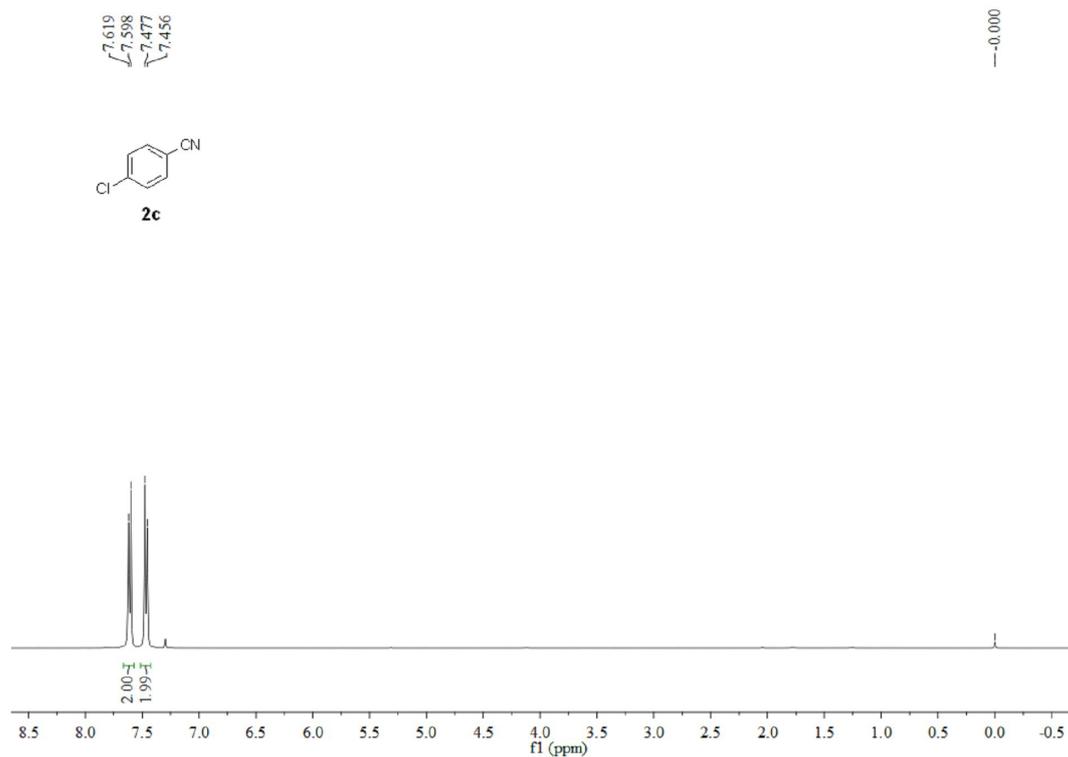
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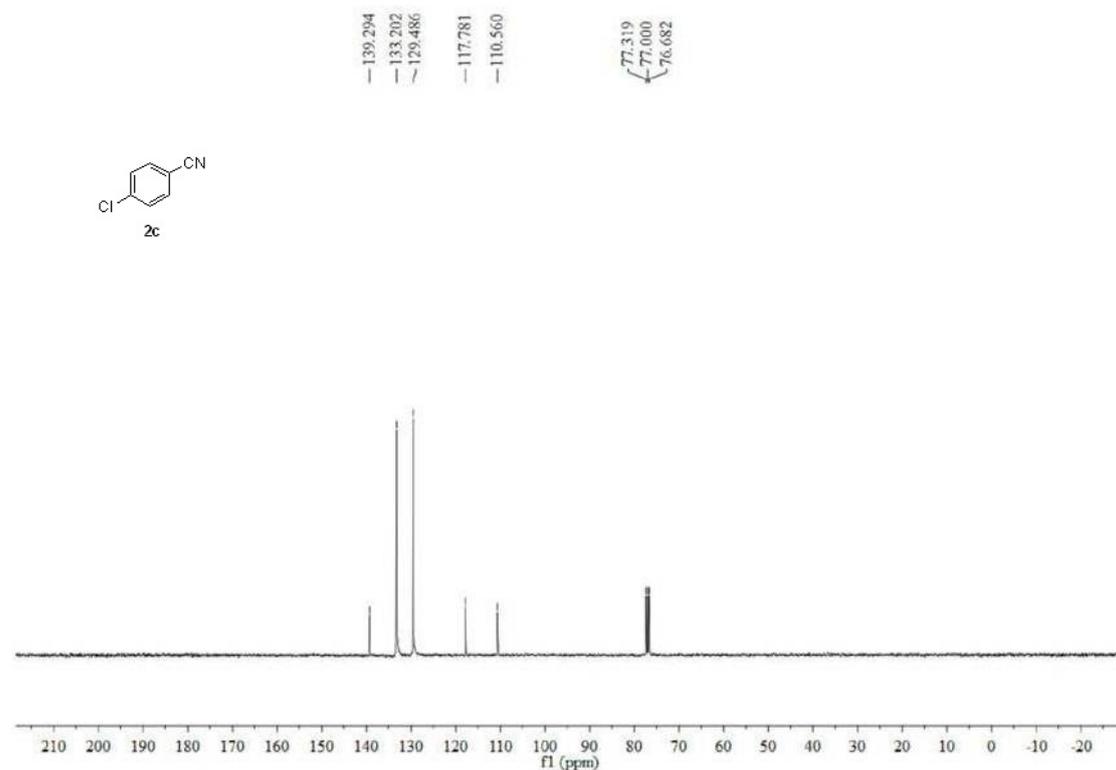
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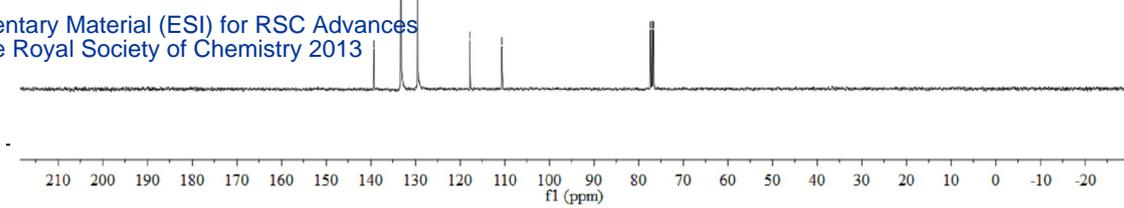


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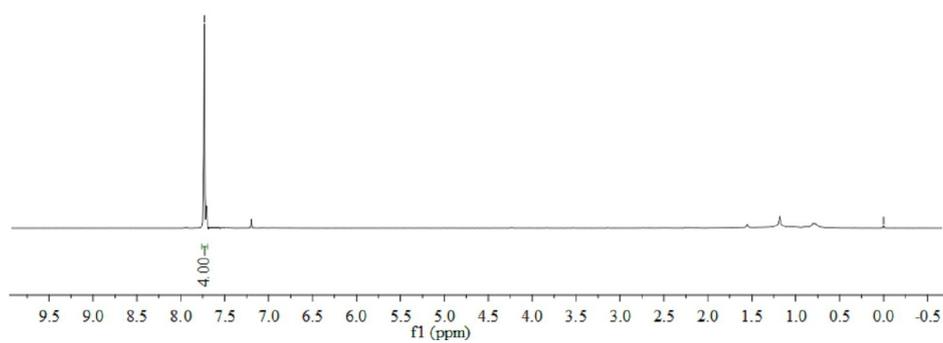
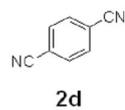


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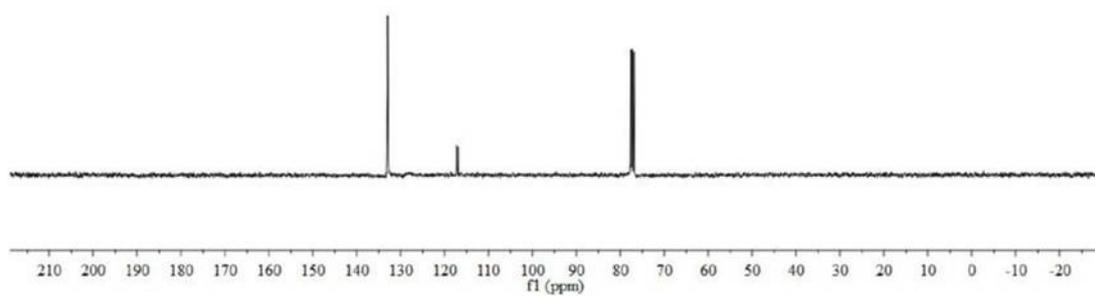
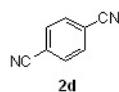




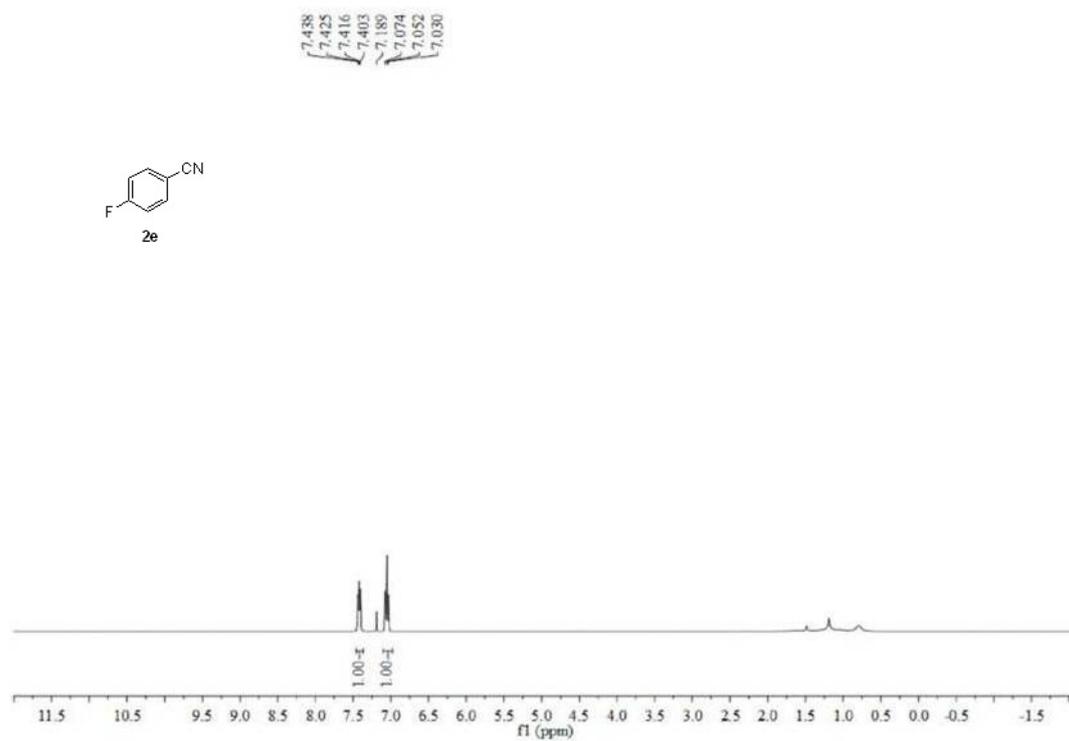
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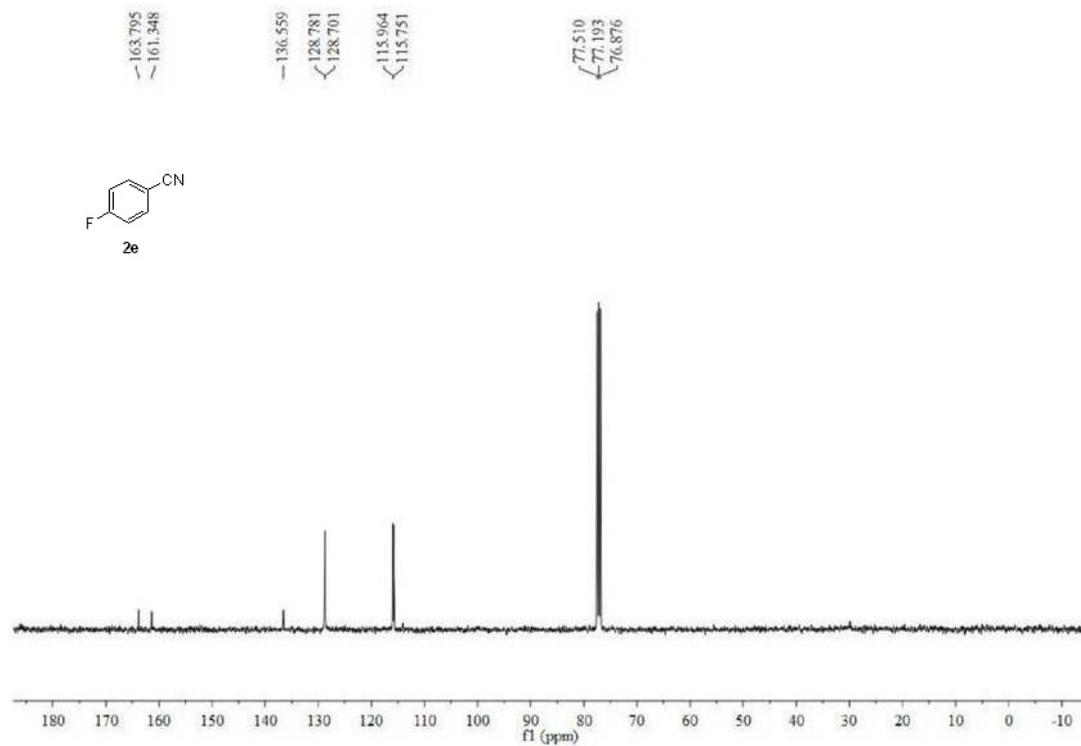
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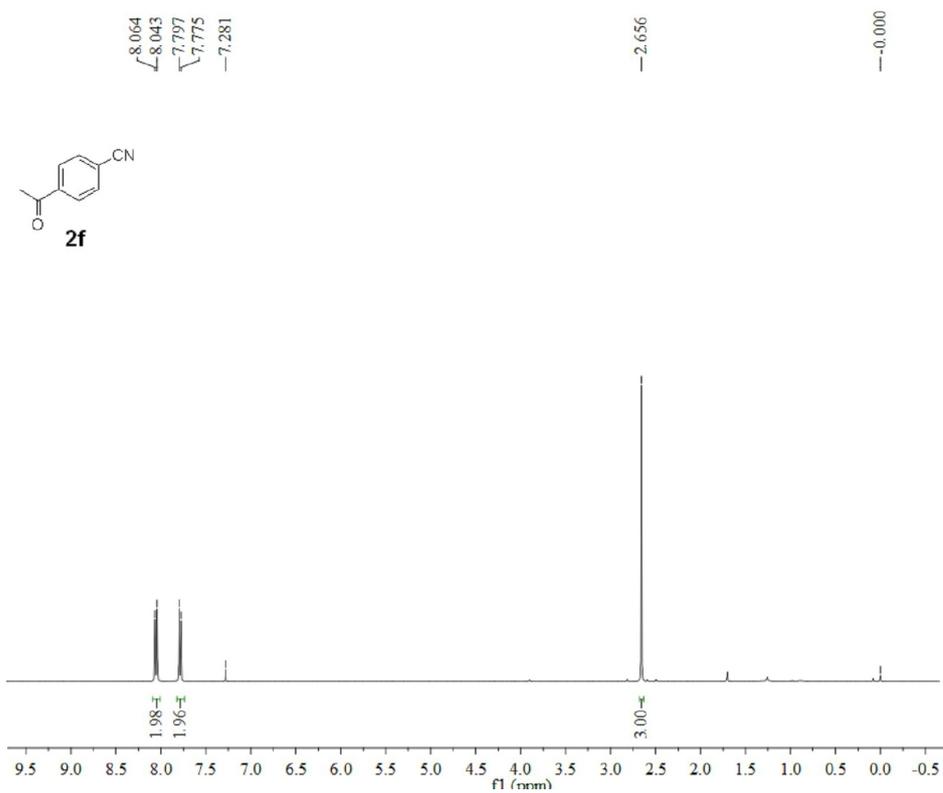
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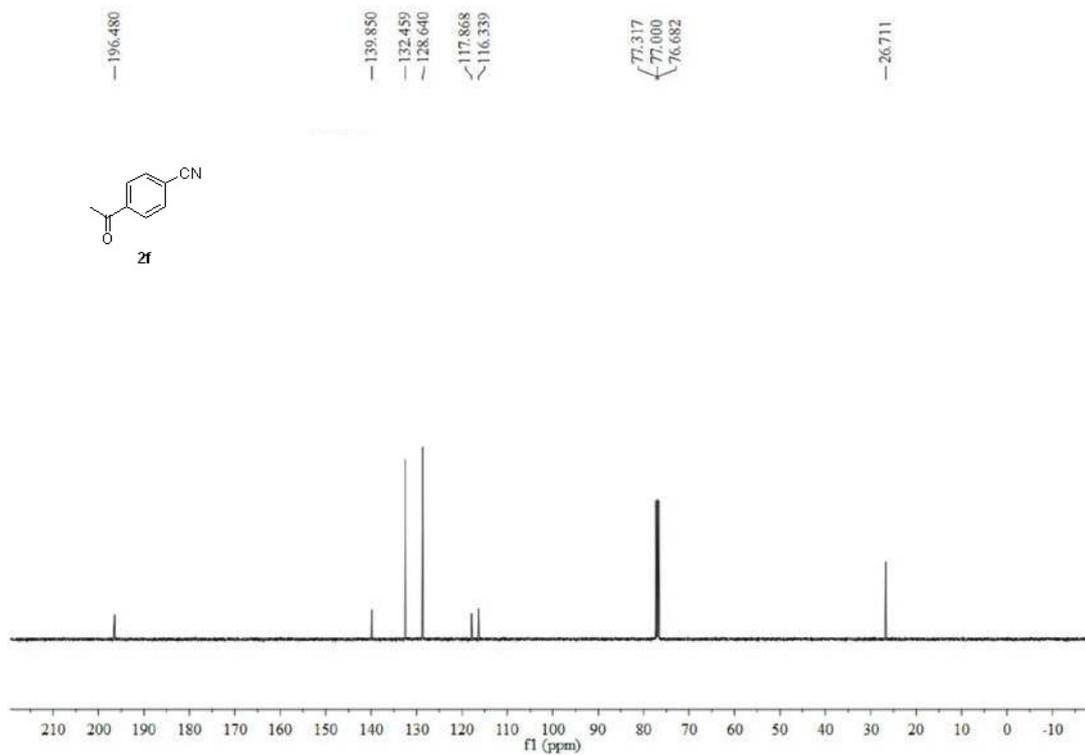
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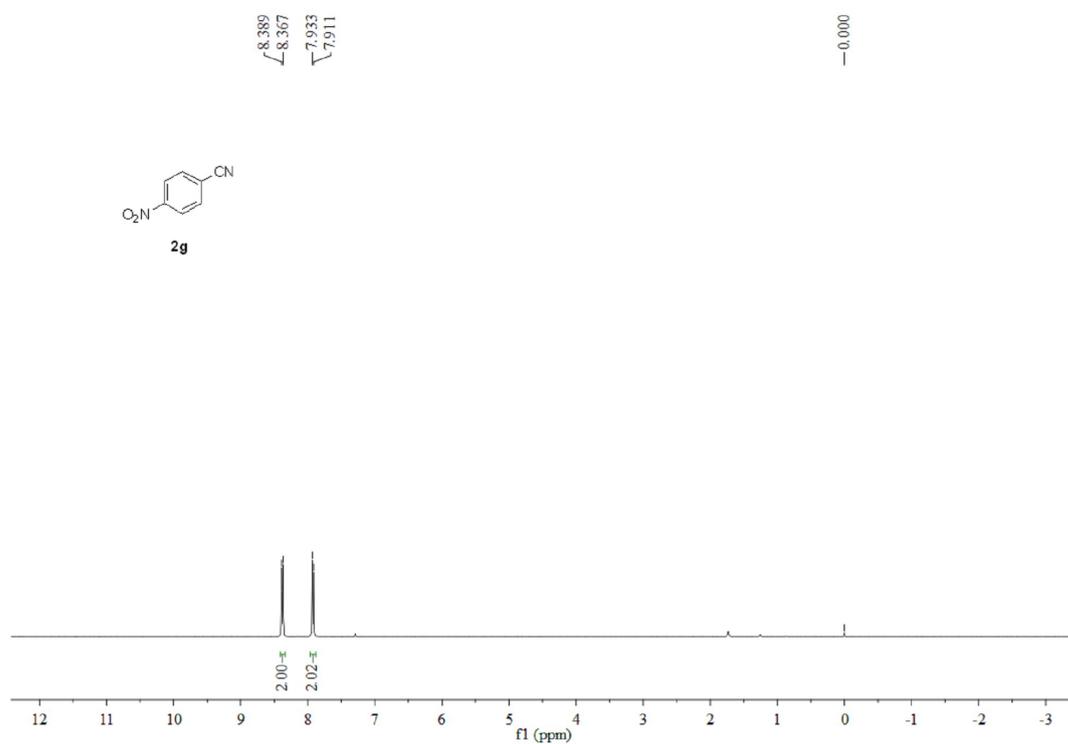
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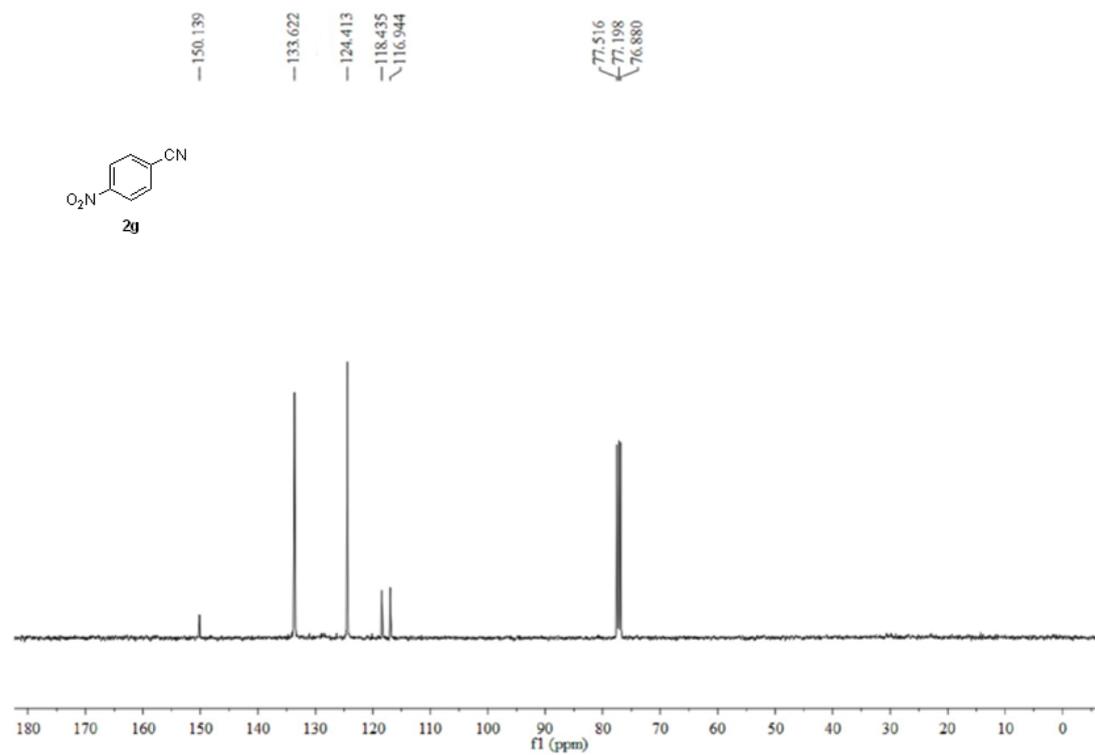
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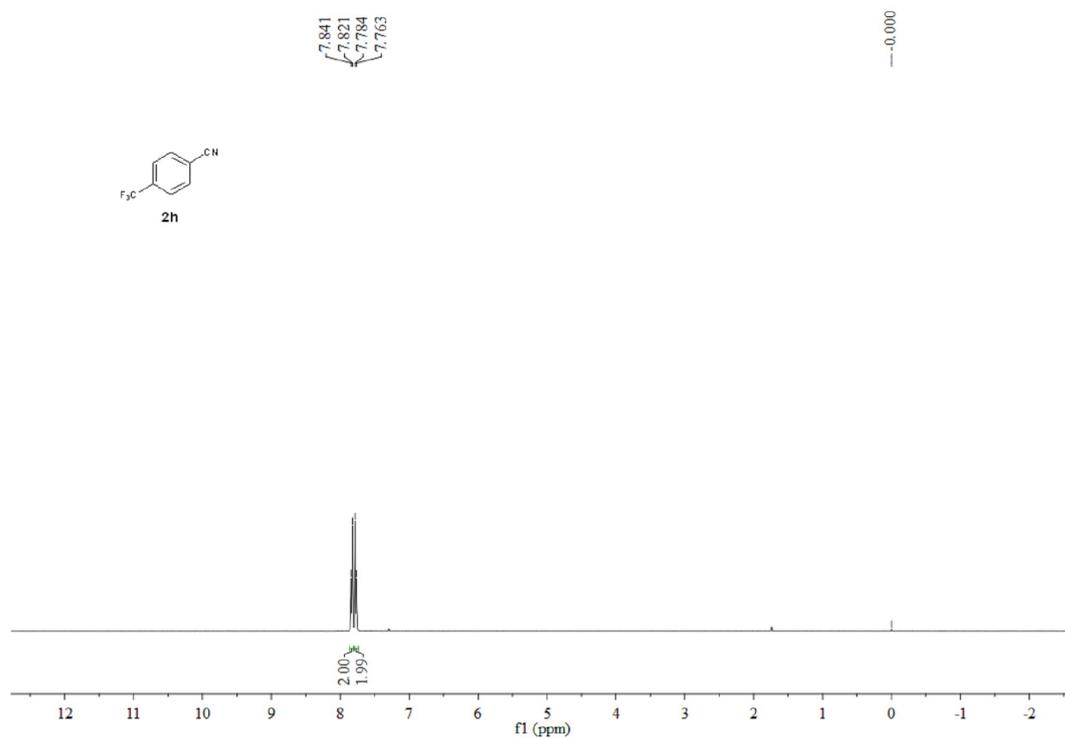
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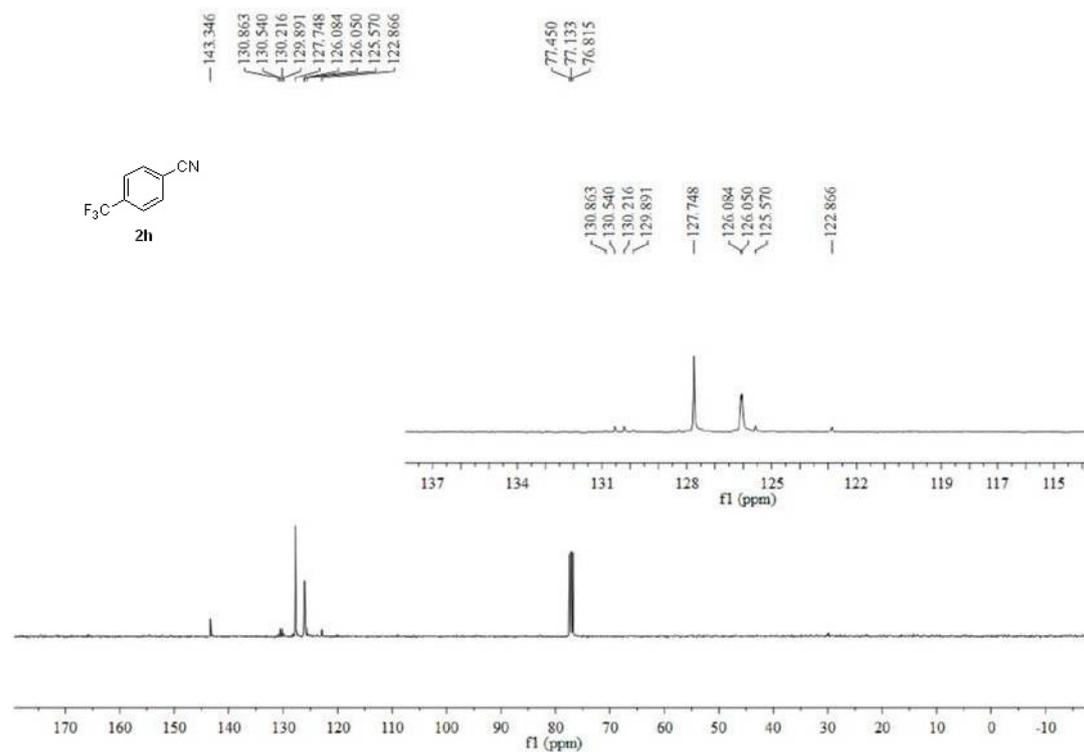
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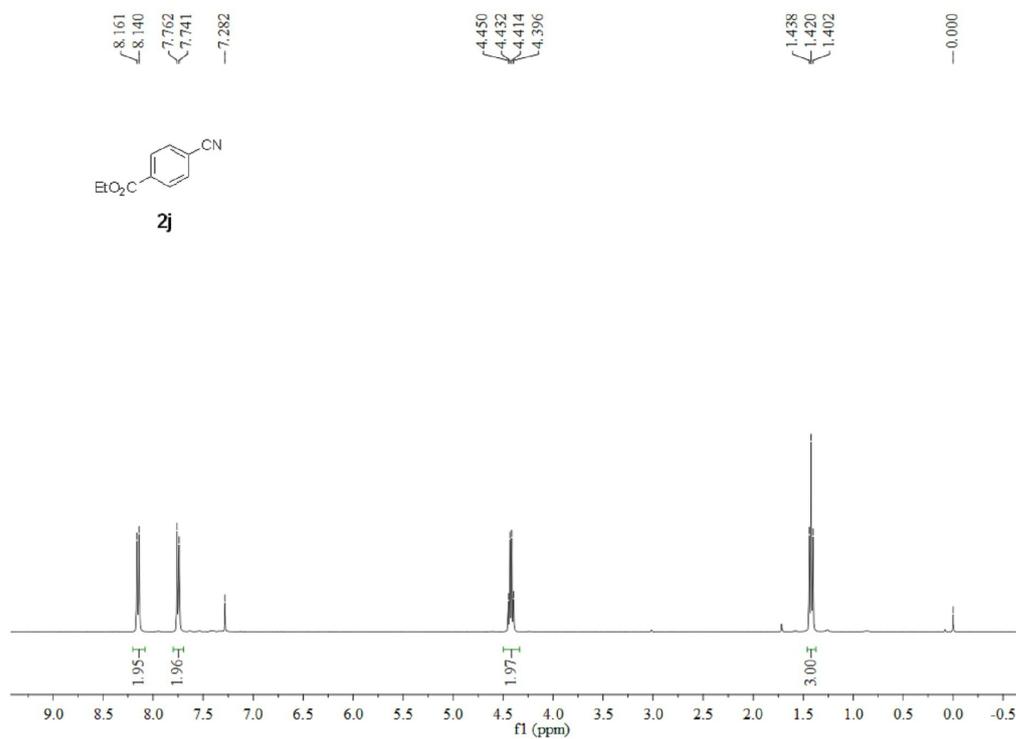
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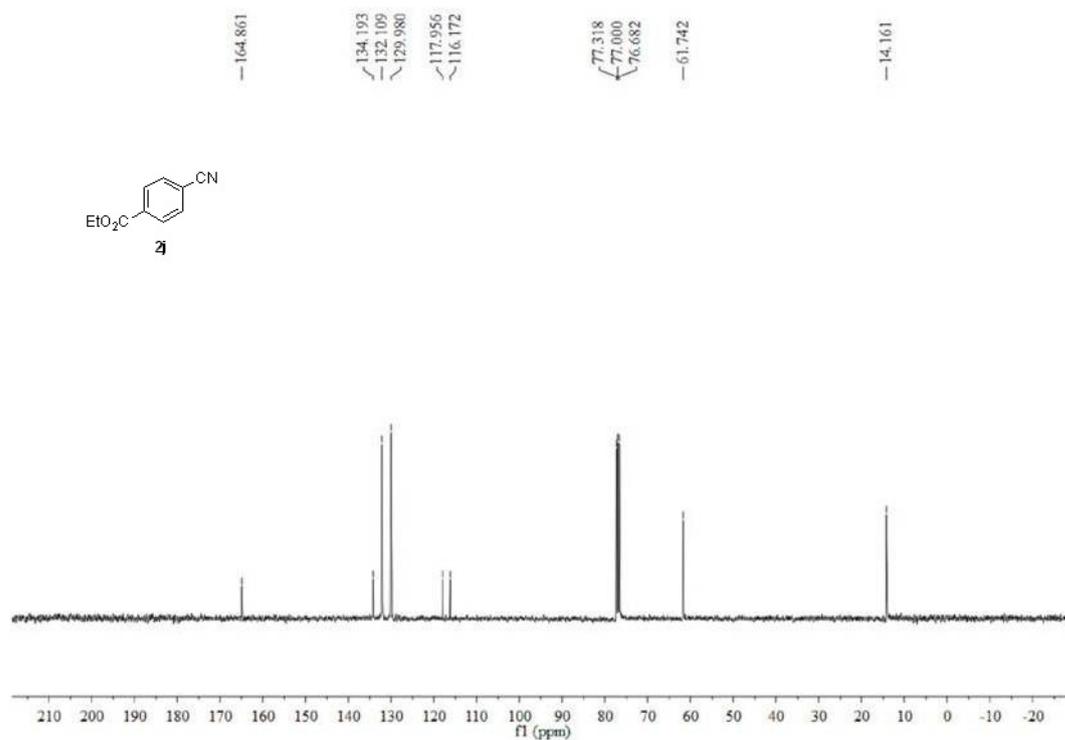
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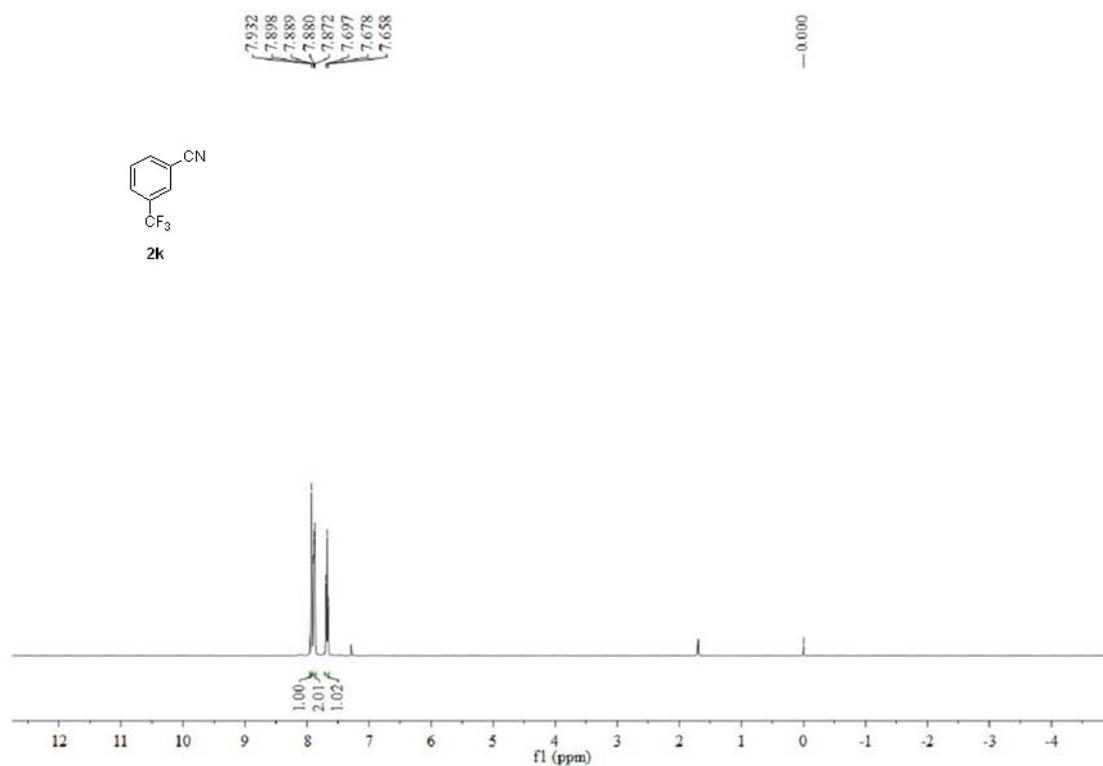
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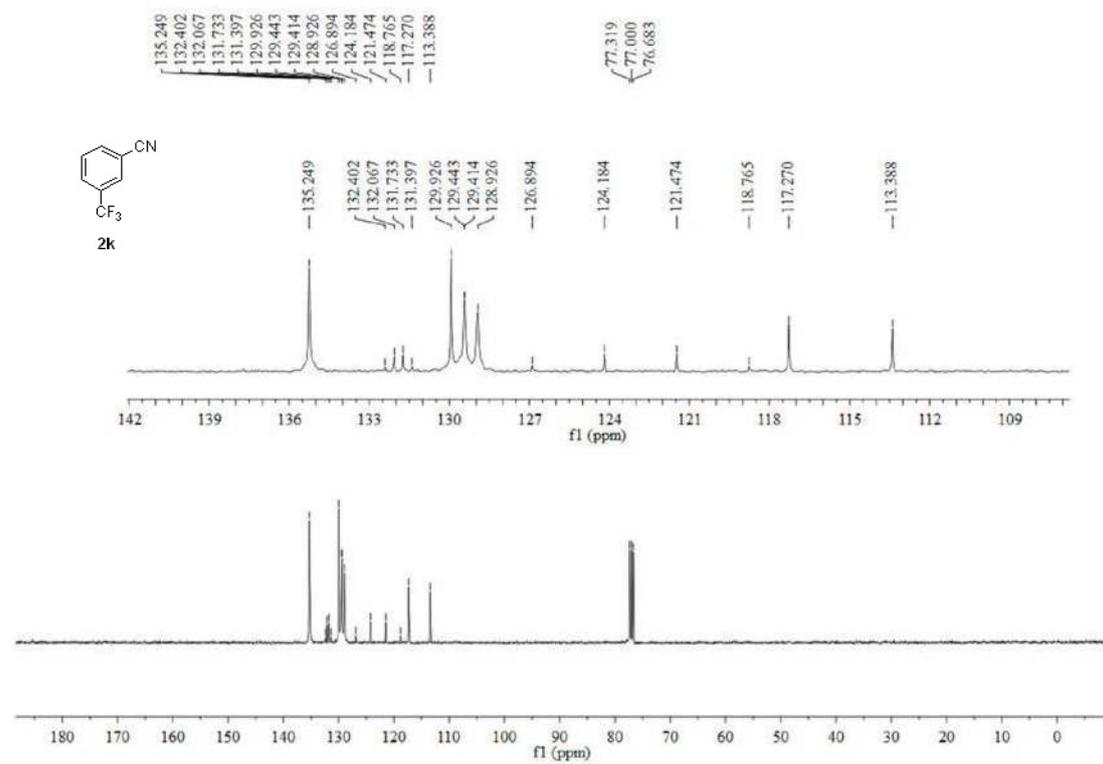
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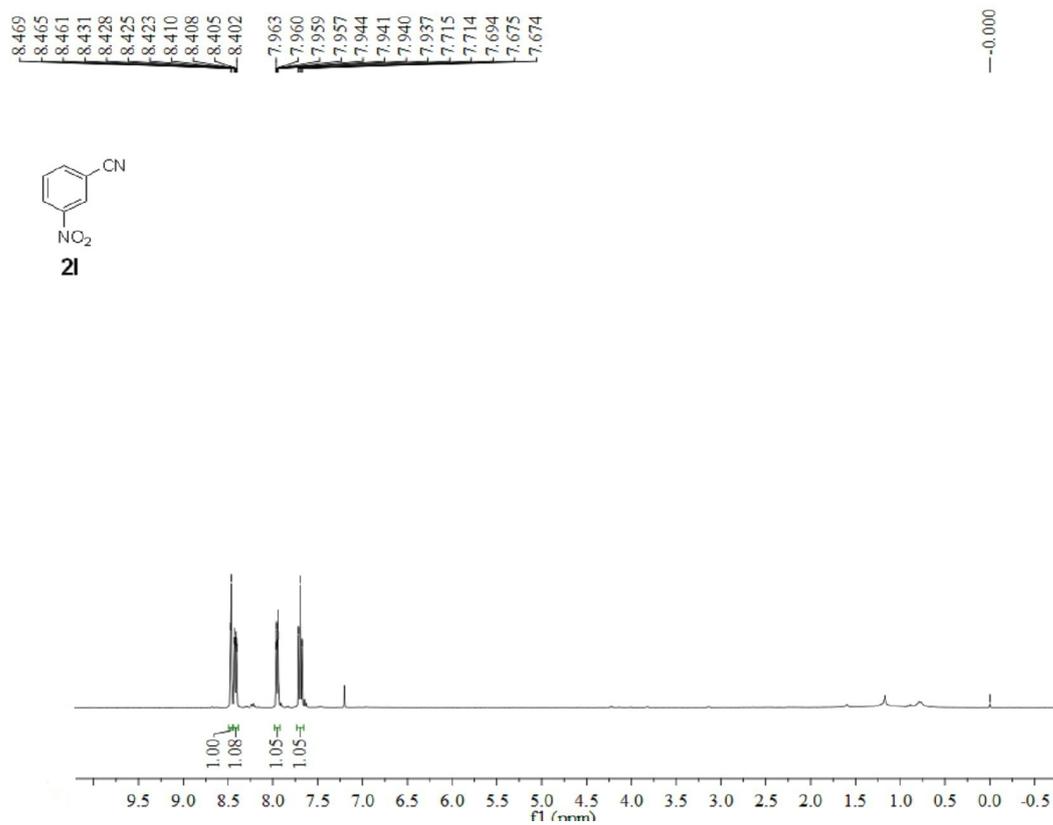
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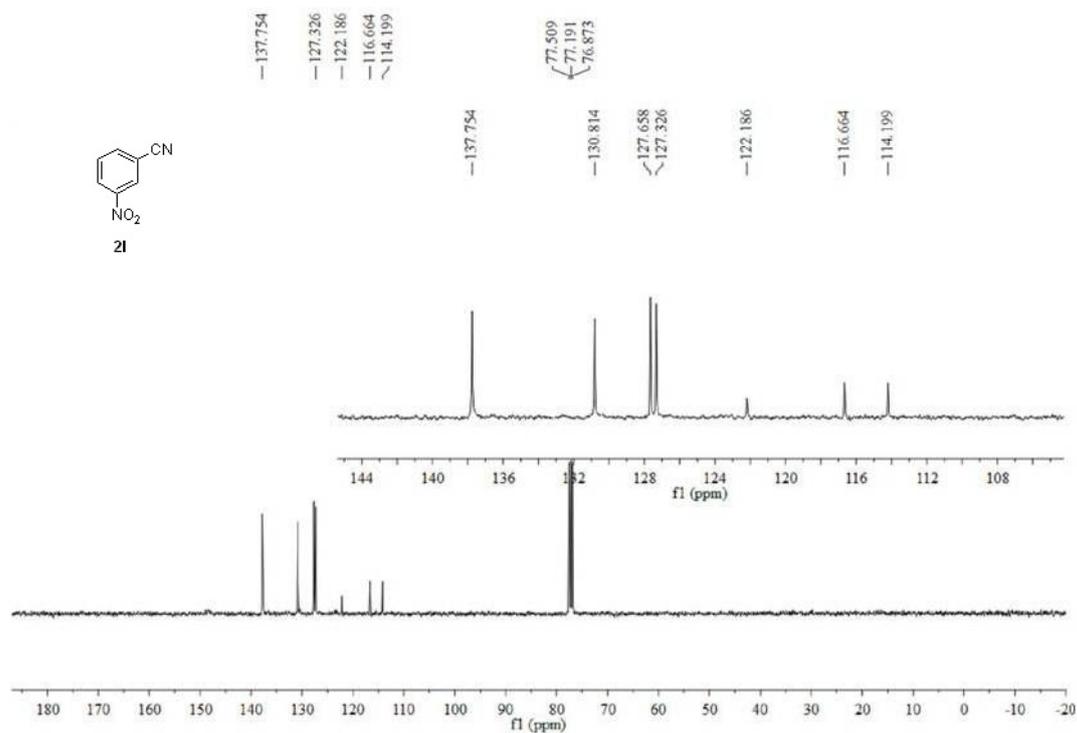
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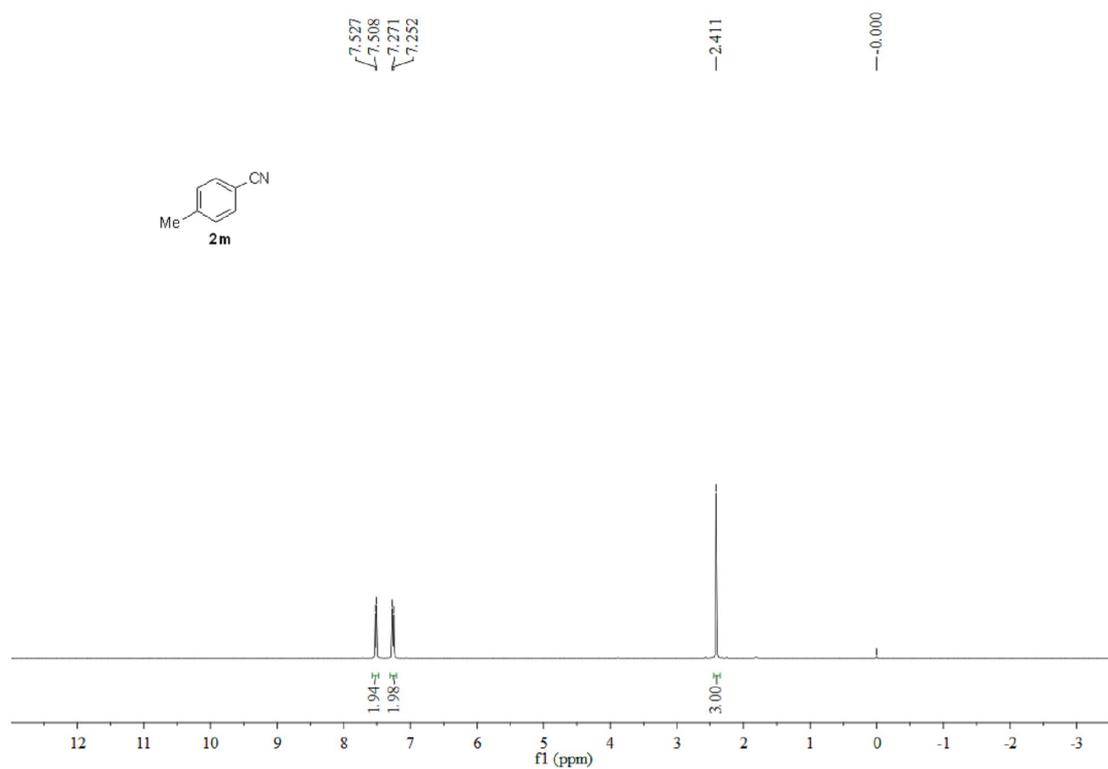
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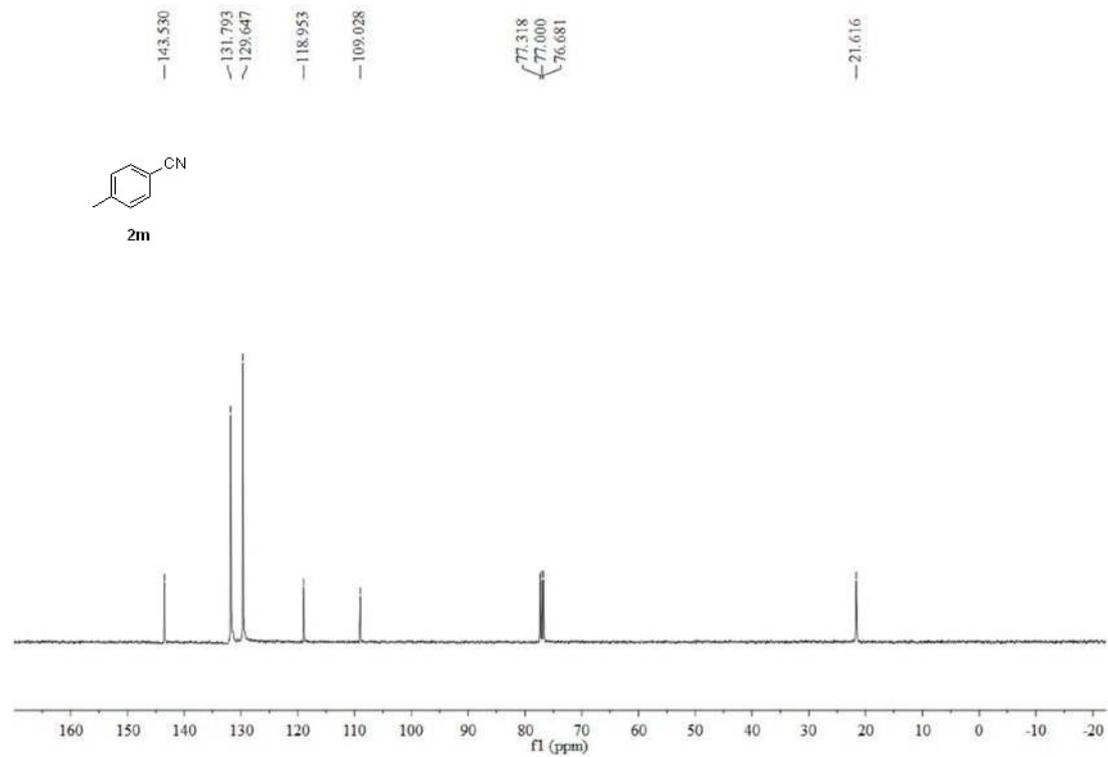
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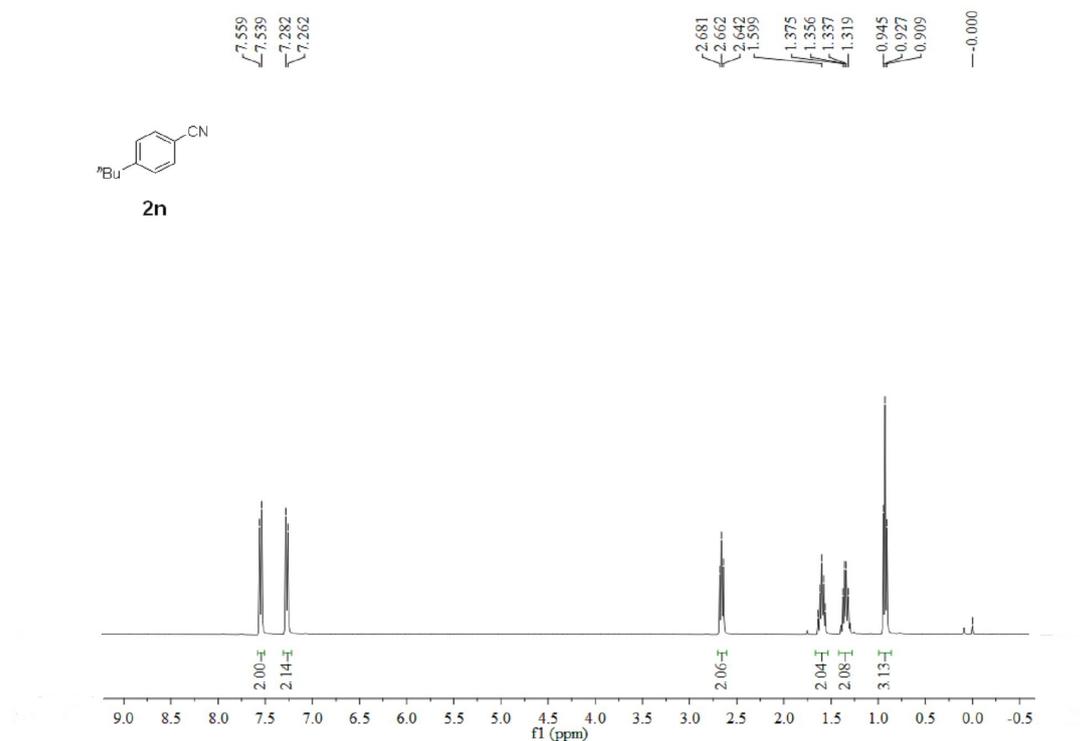
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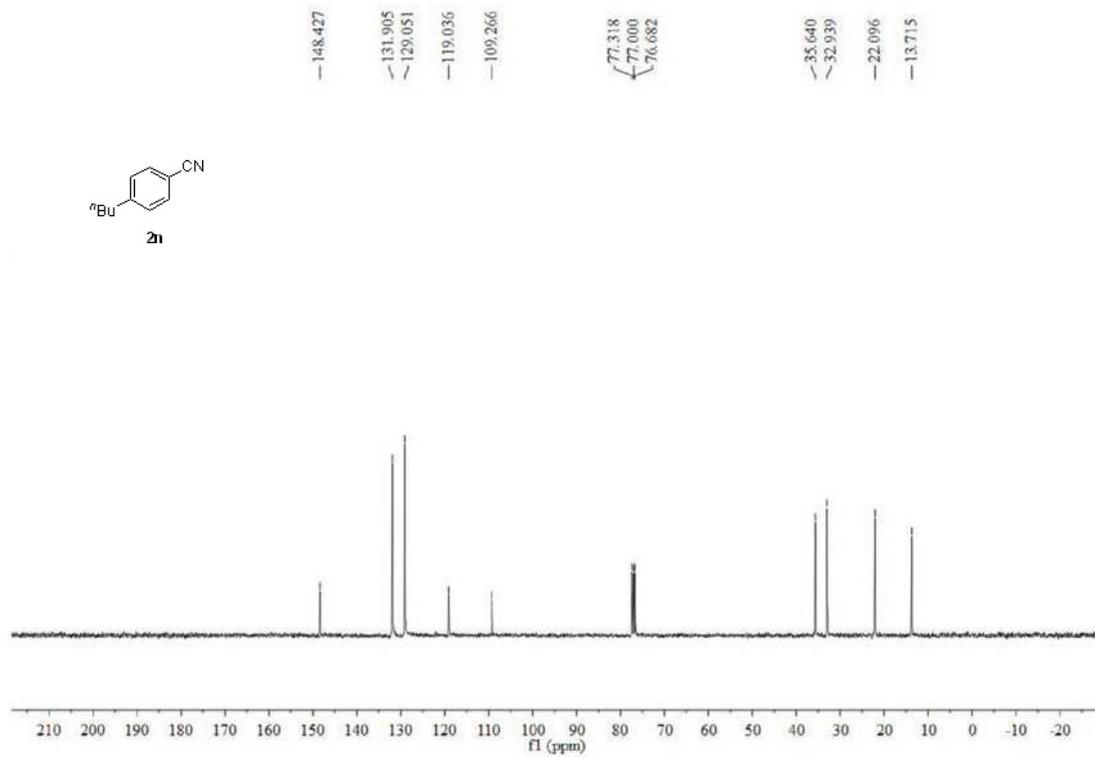
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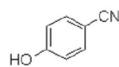
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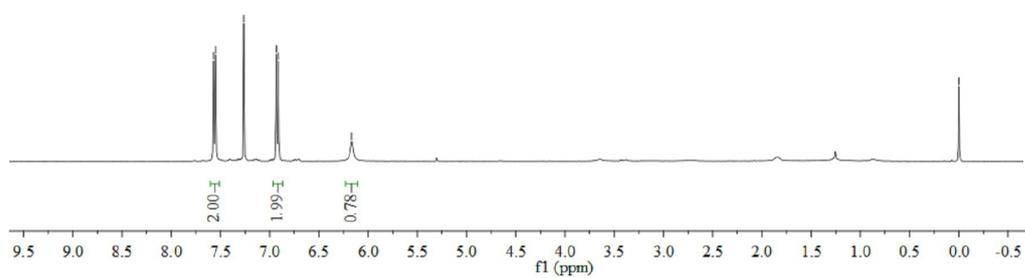
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7.571
7.549
7.264
6.932
6.911
-6.167

-0.000

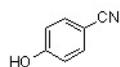


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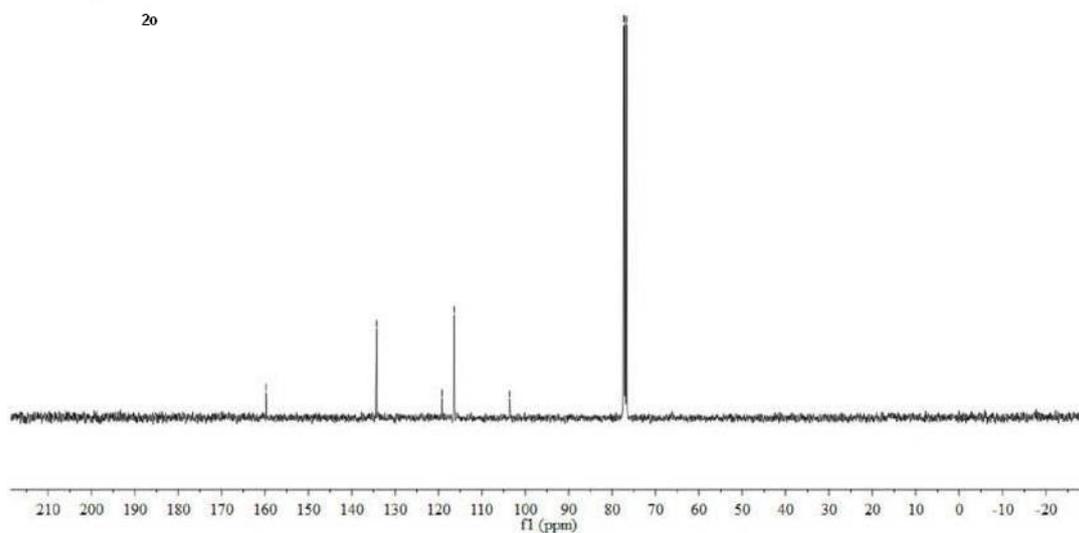


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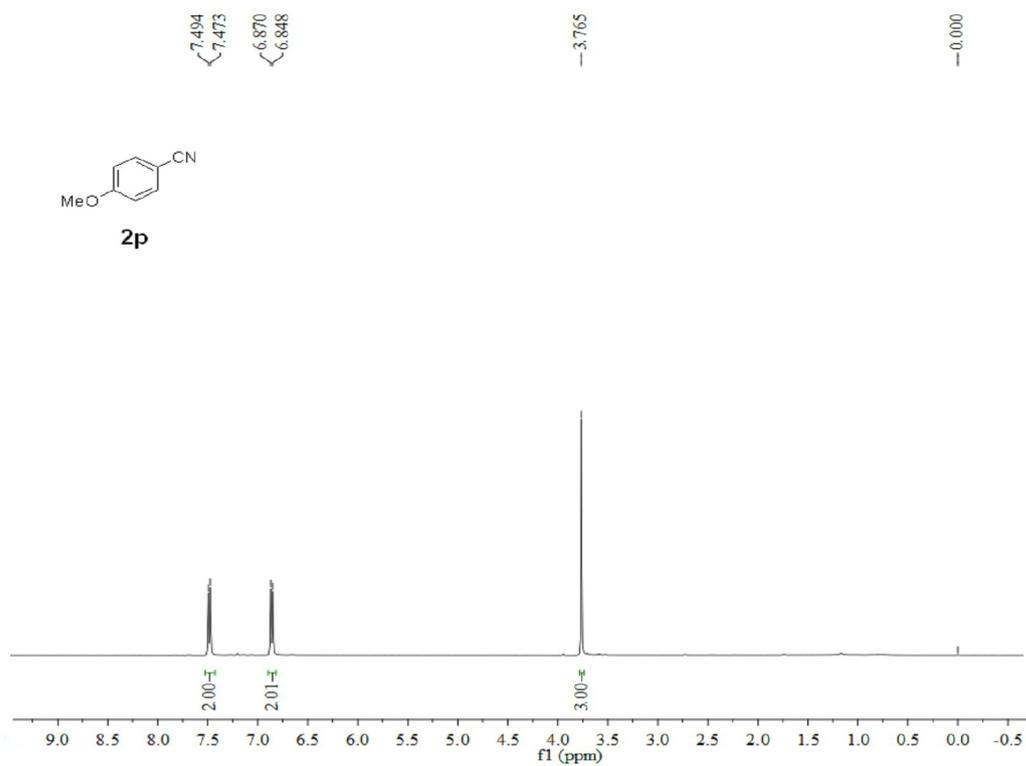
159.744
134.293
119.155
116.355
103.559
77.317
77.000
76.682



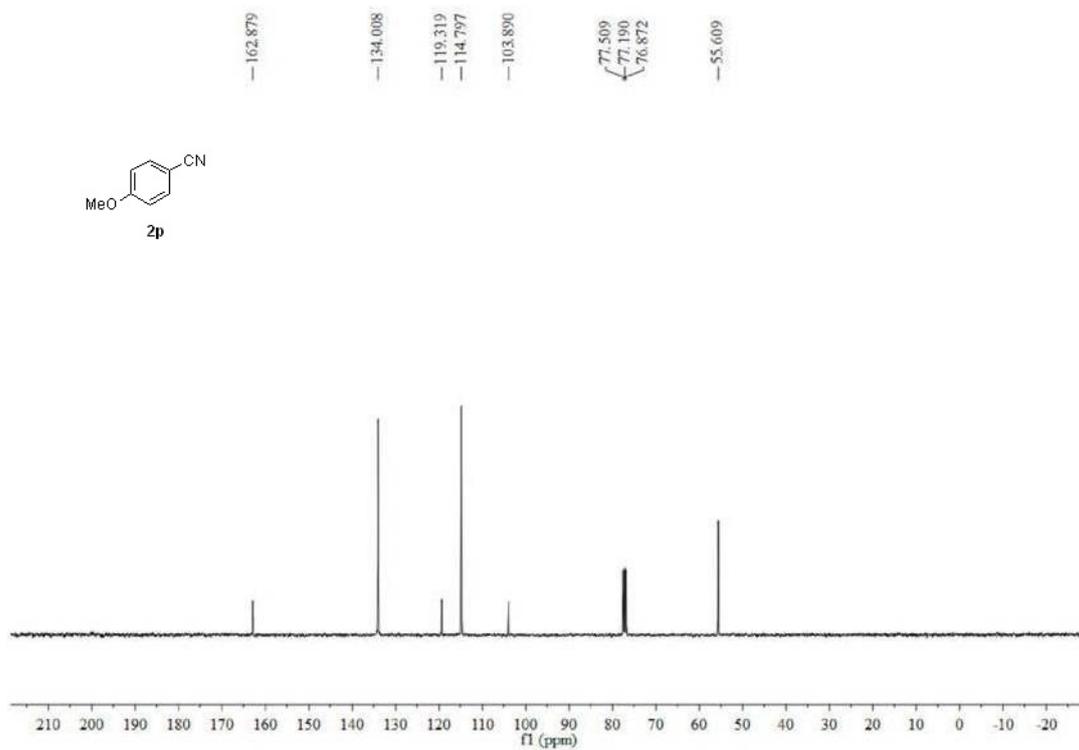
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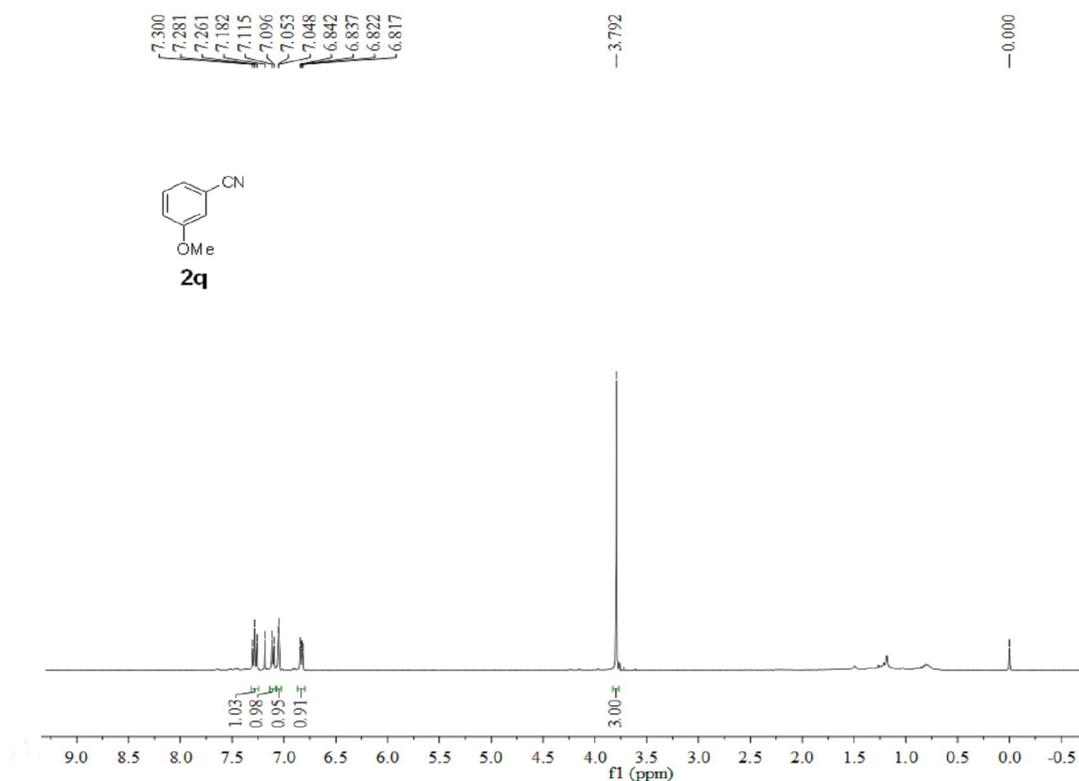
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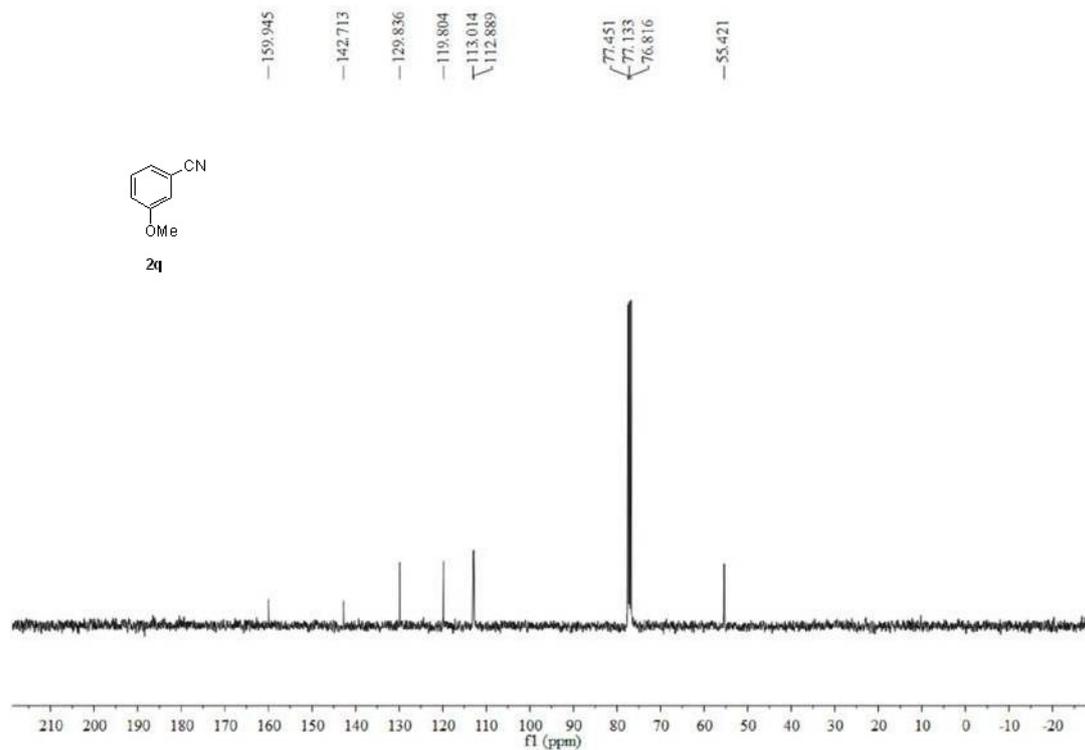
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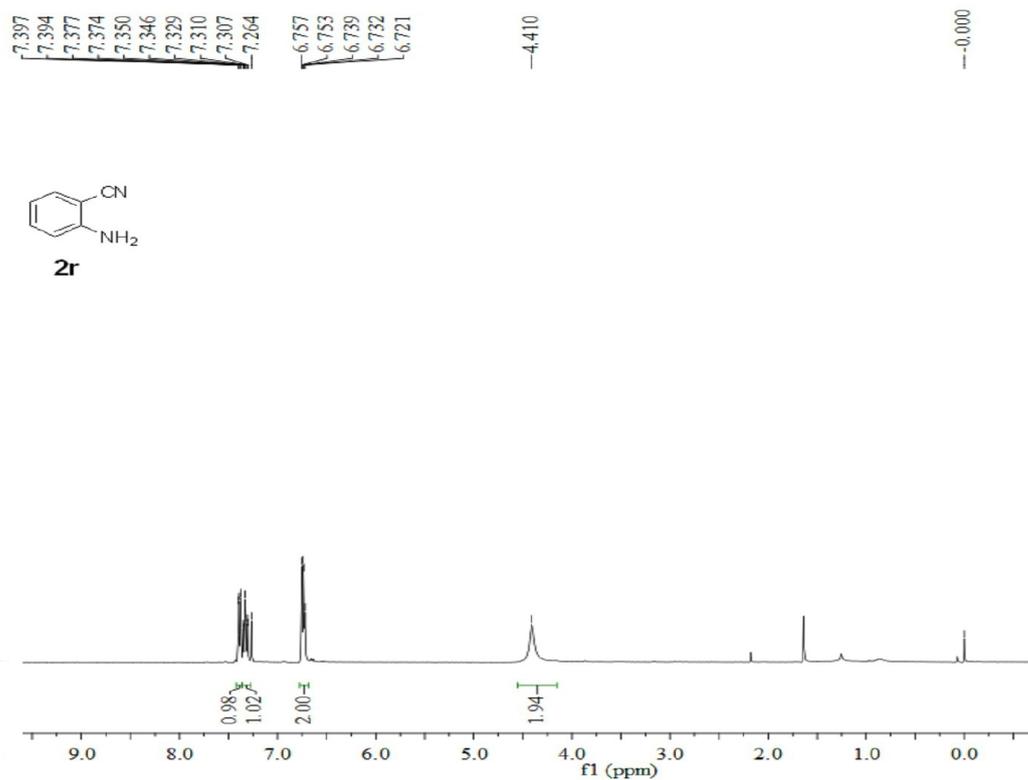
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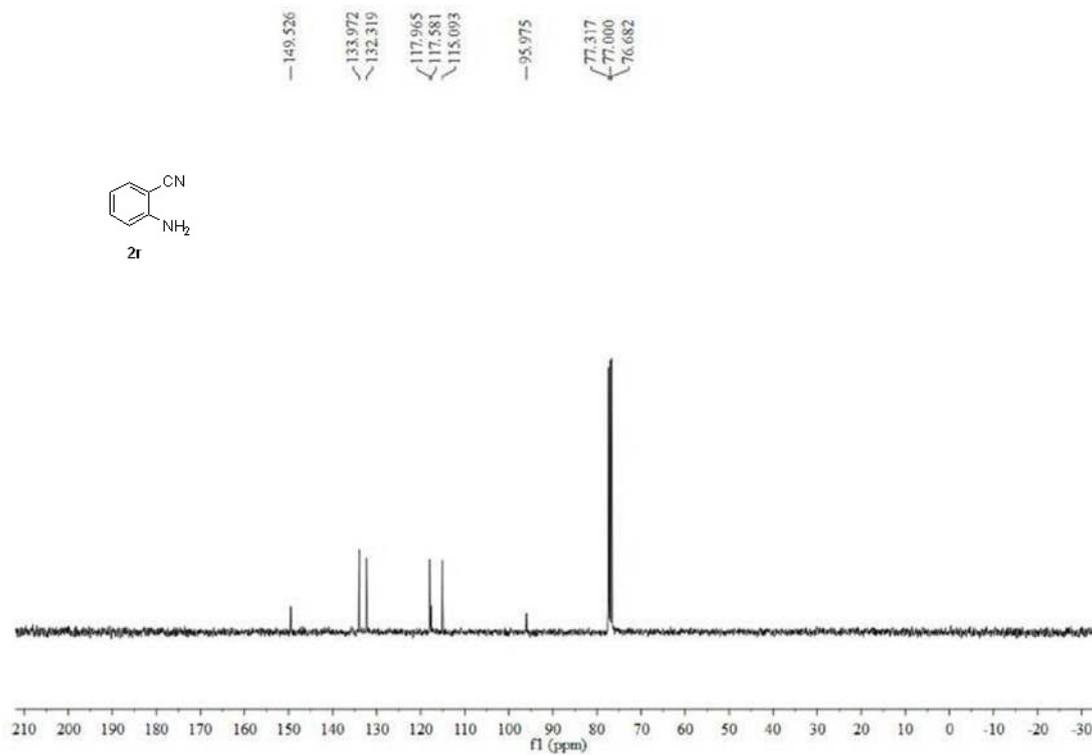
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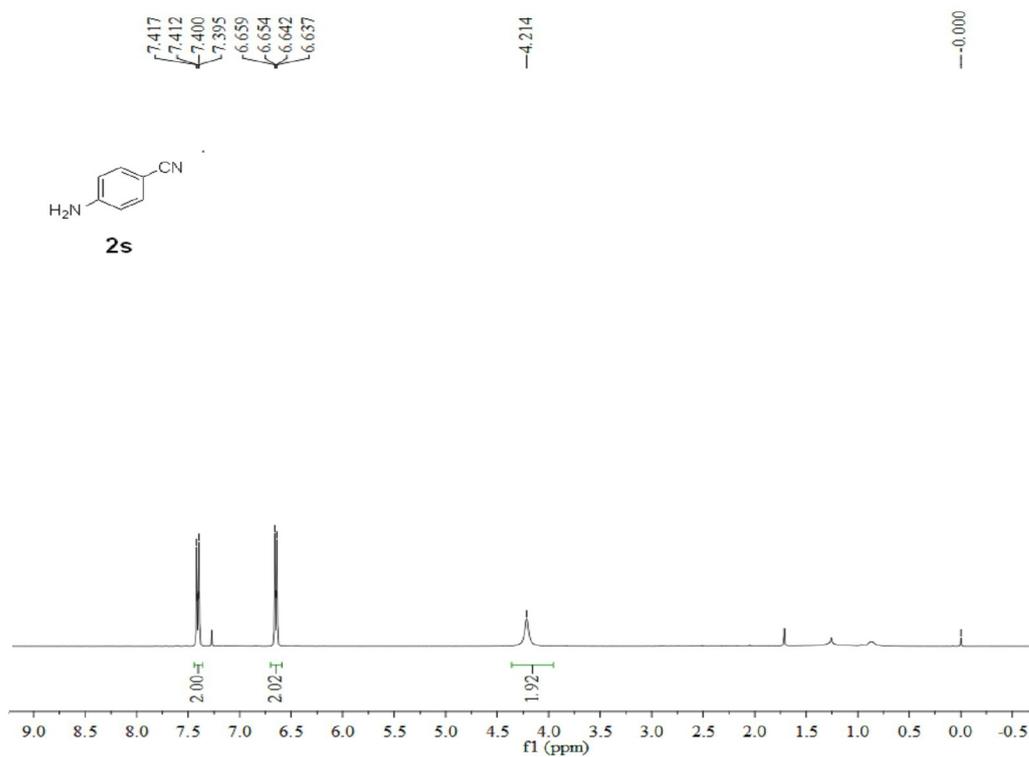
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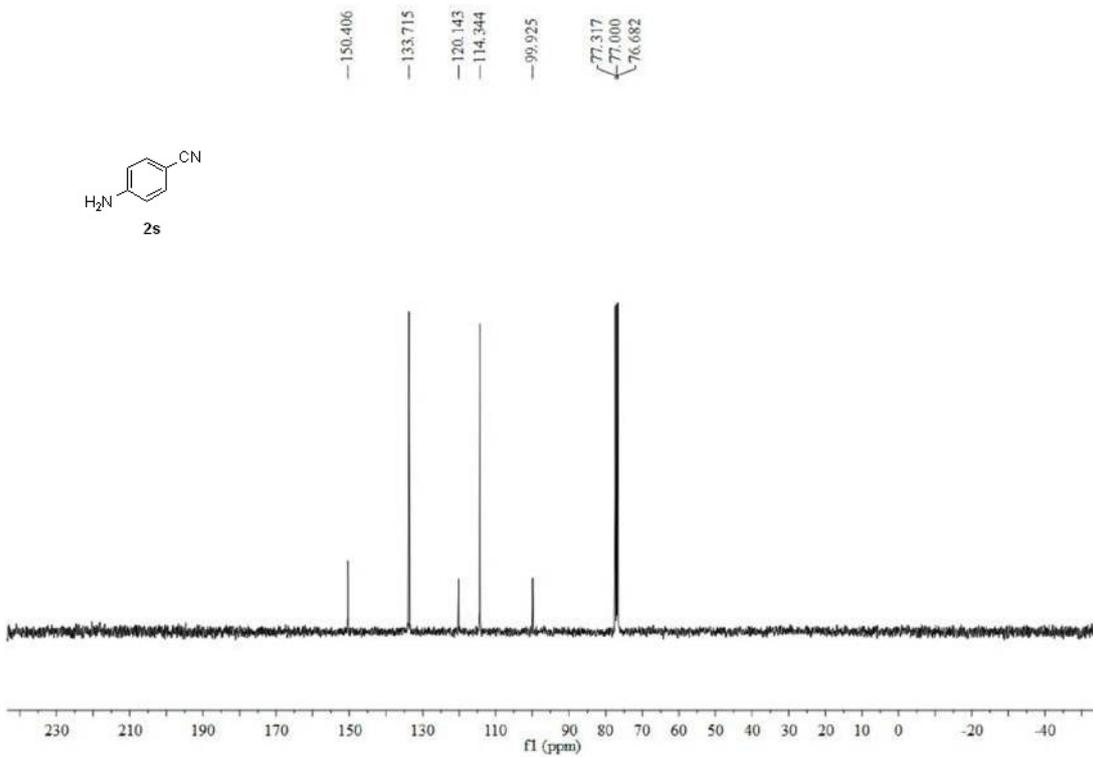
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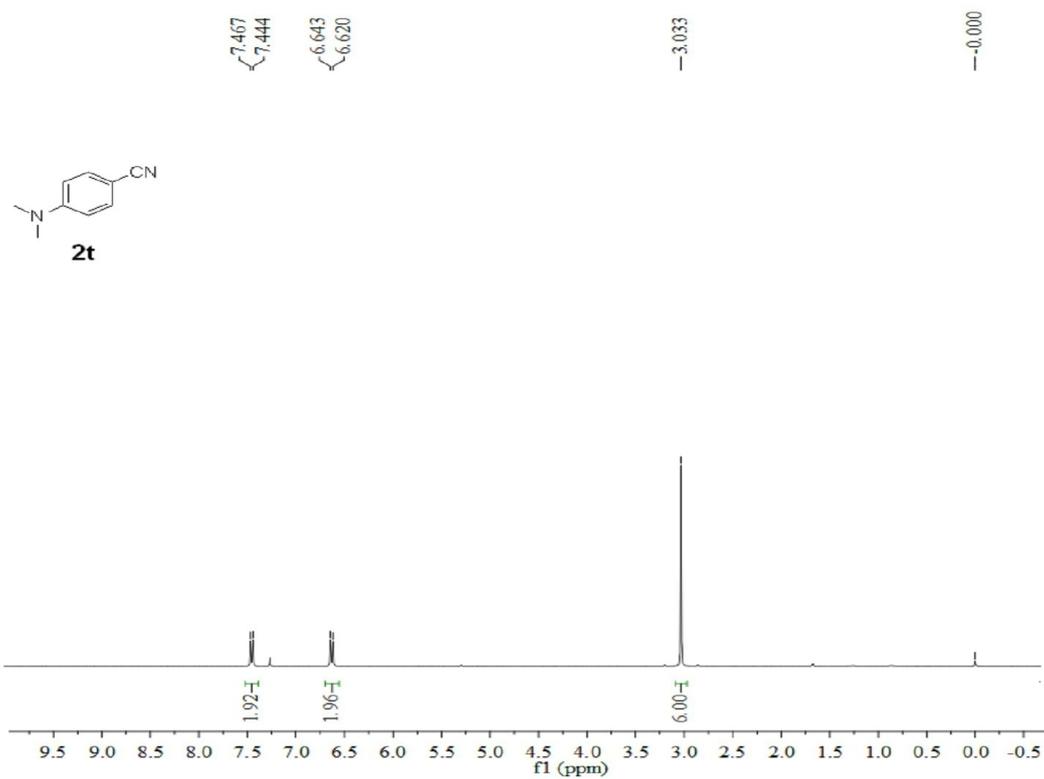
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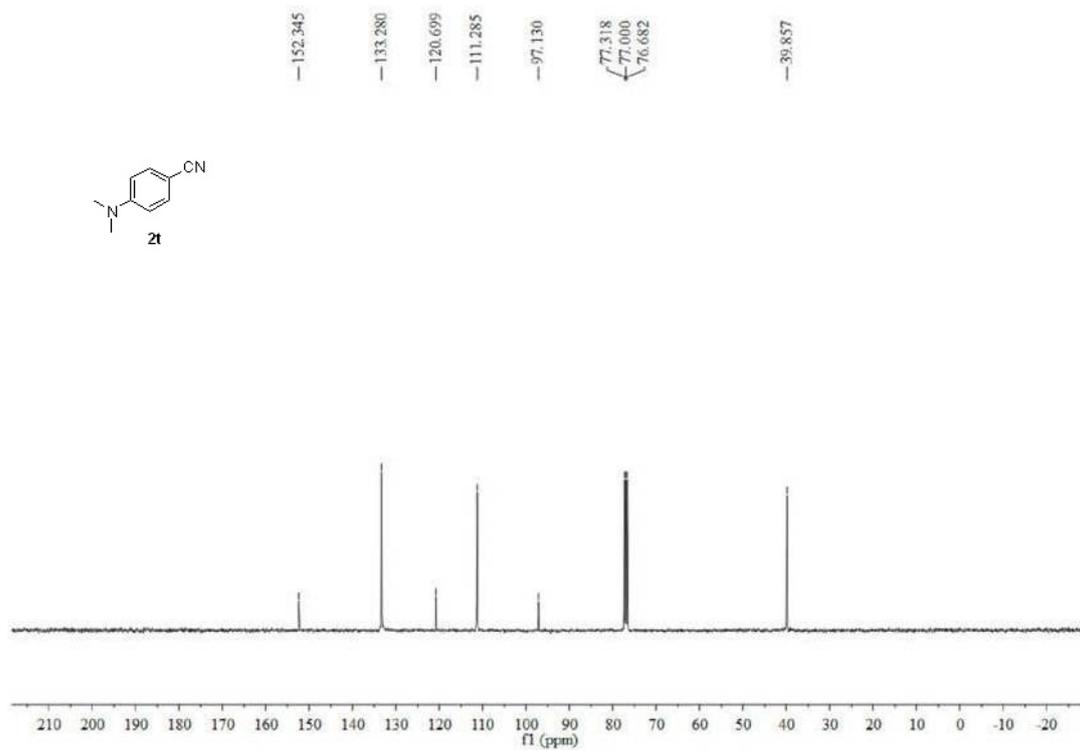
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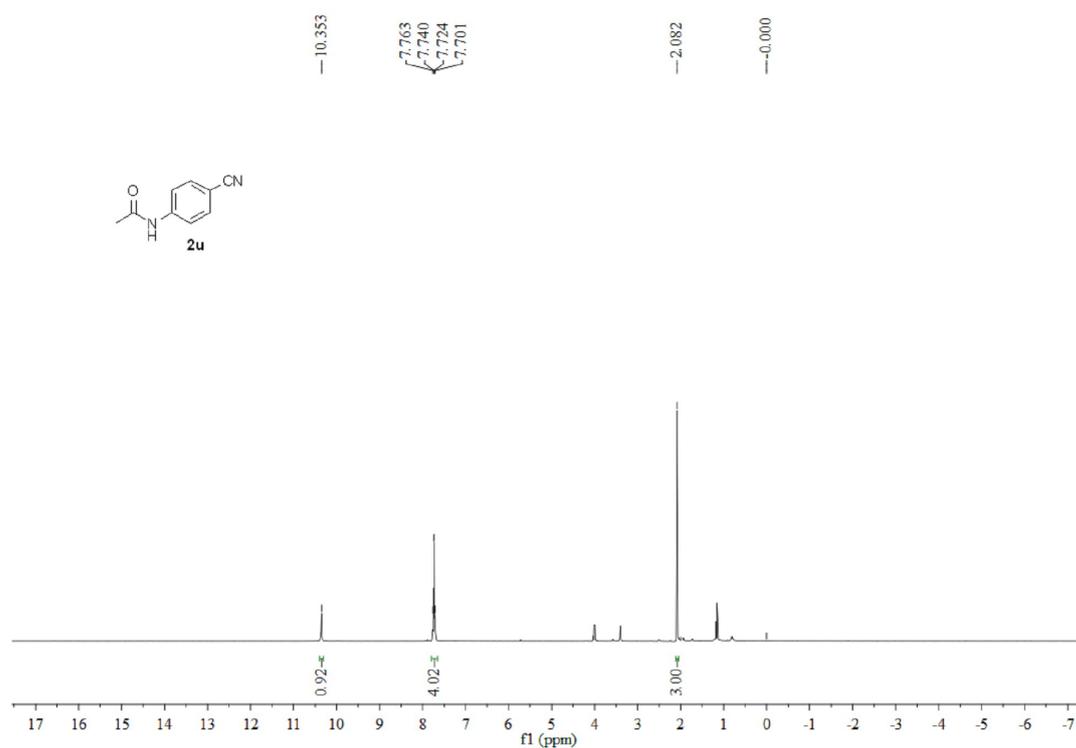
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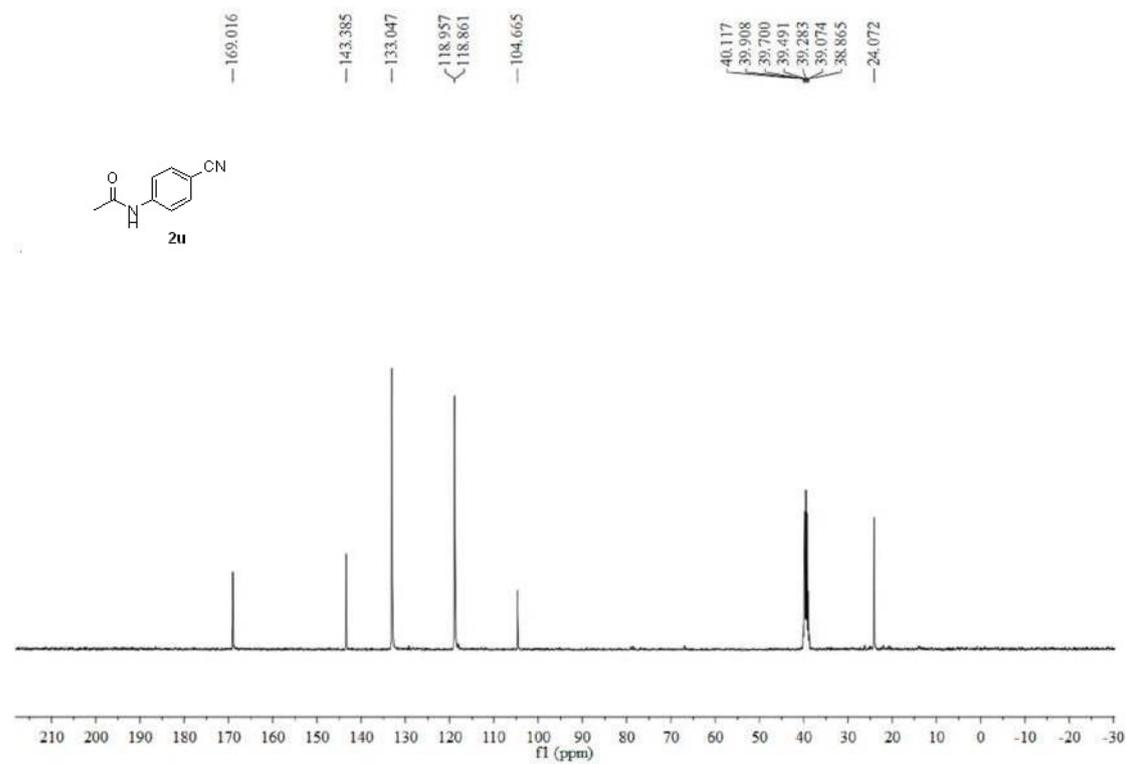
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^1H NMR, 400 MHz, $\text{DMSO-}d_6$



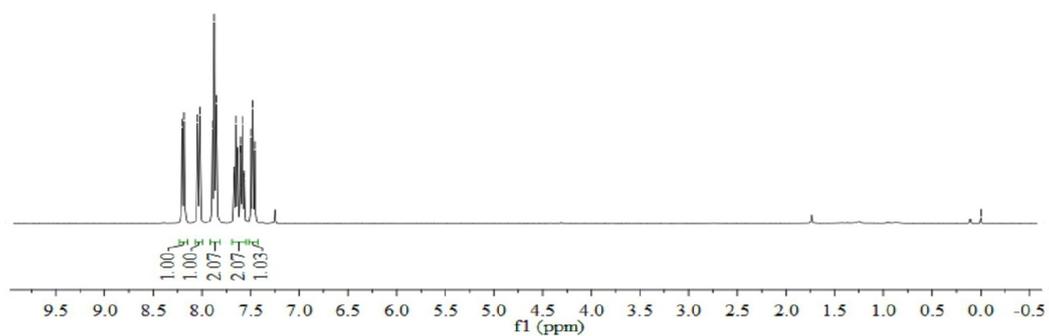
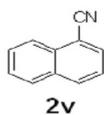
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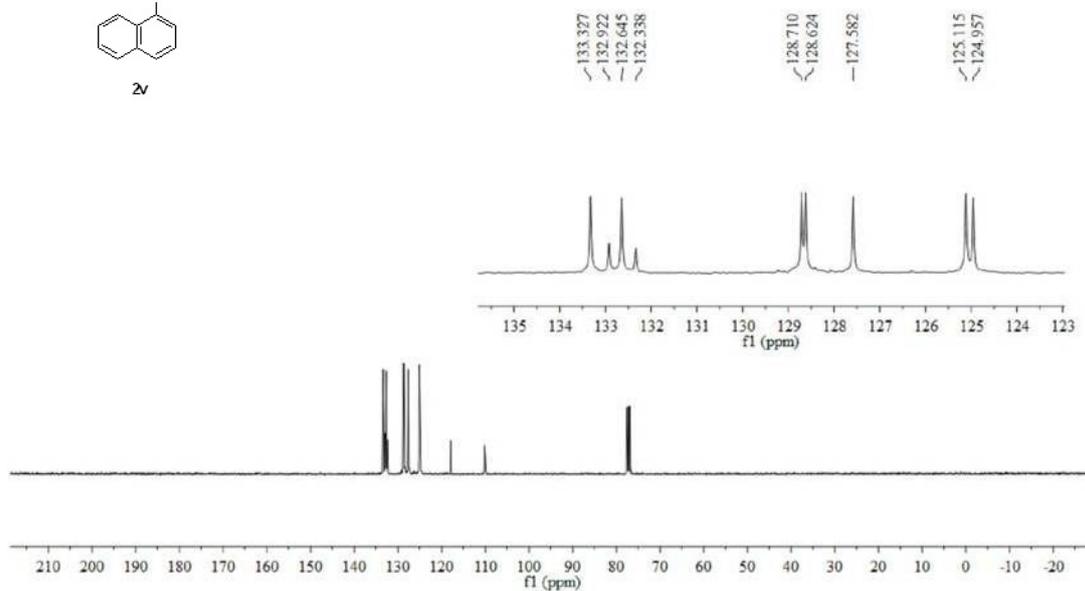
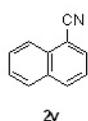
8.204
8.183
8.043
8.022
7.894
7.873
7.853
7.672
7.669
7.652
7.634
7.631
7.604
7.602
7.584
7.566
7.564
7.497
7.476
7.458

-0.000

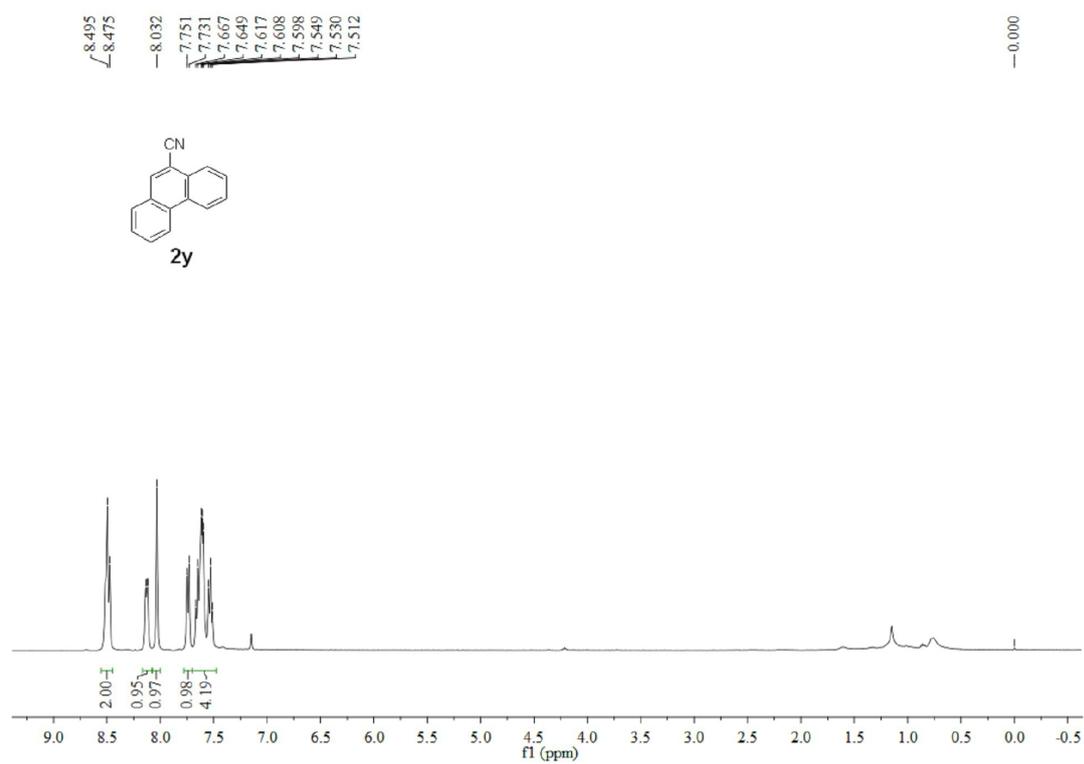


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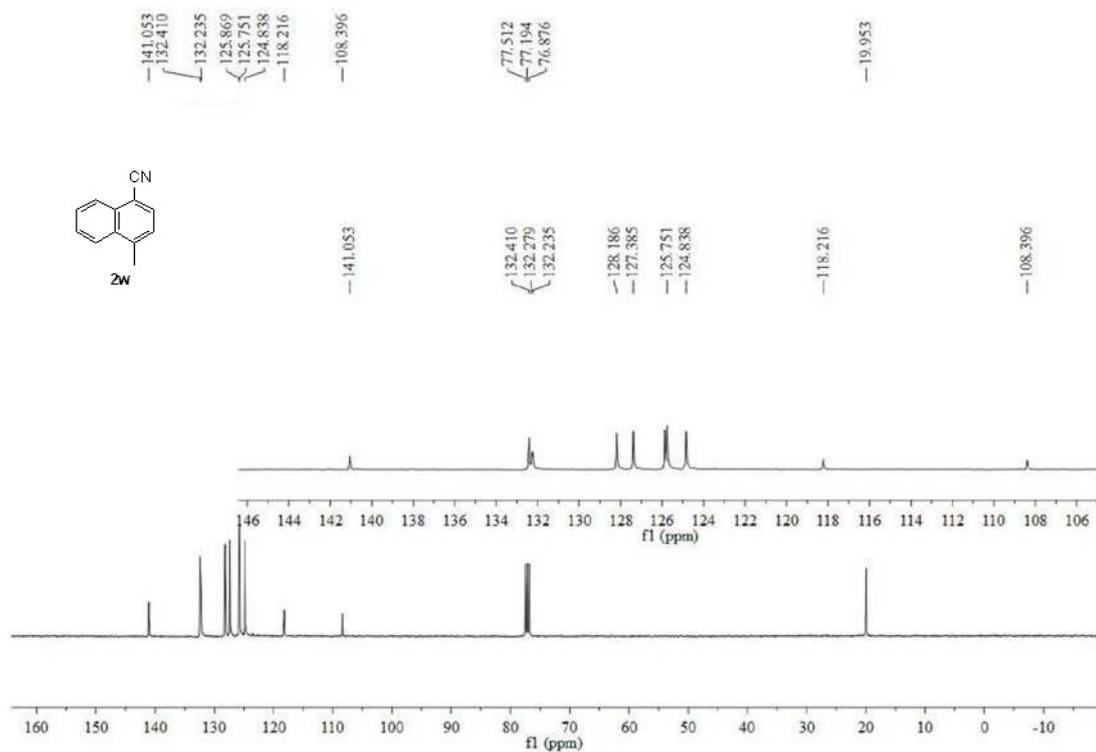
133.327
132.922
132.645
132.338
128.710
128.624
127.582
125.115
124.957
117.880
110.152
77.511
77.193
76.875



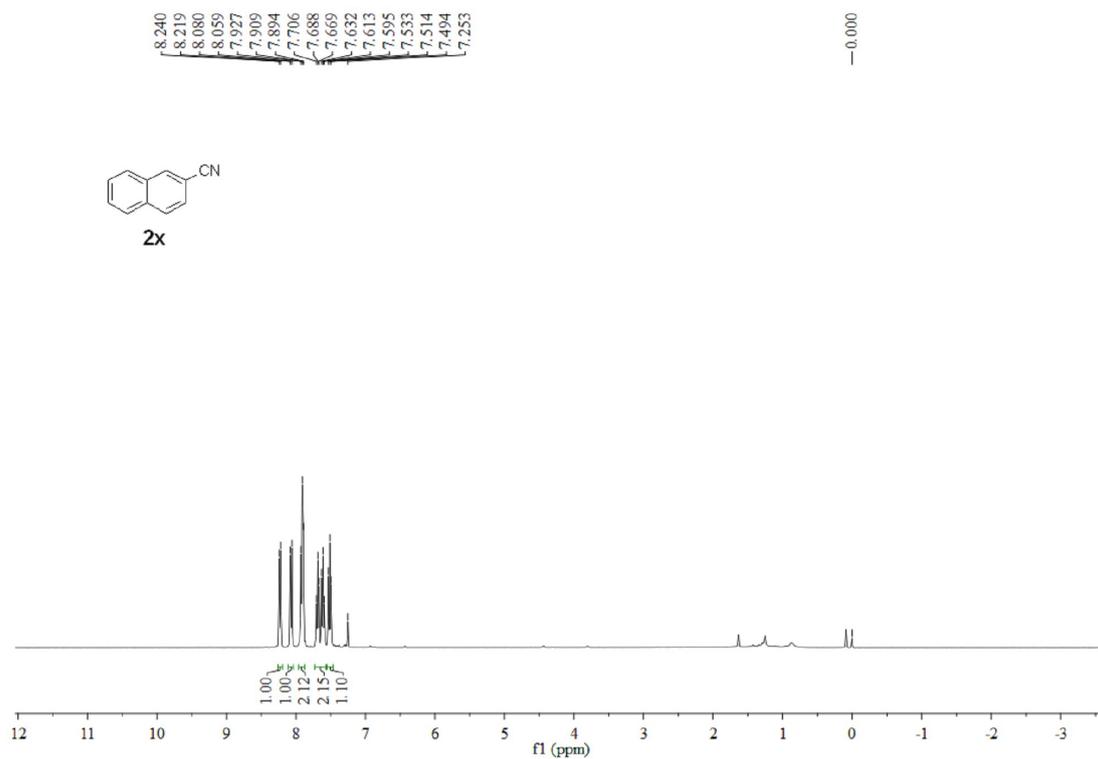
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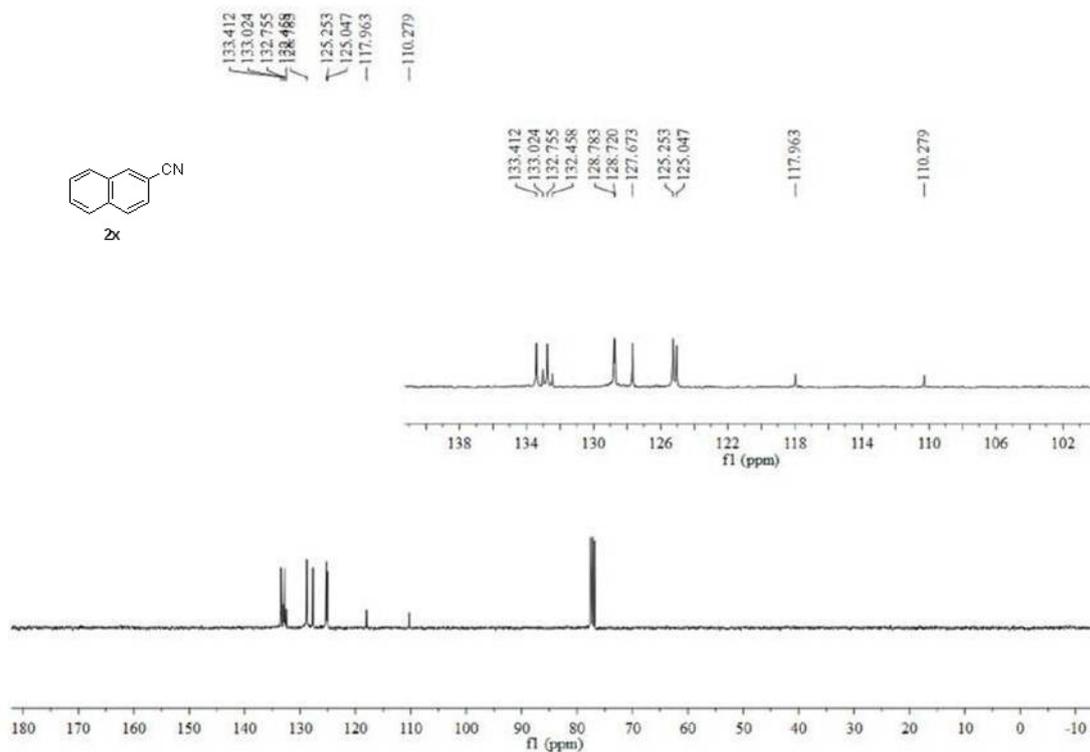
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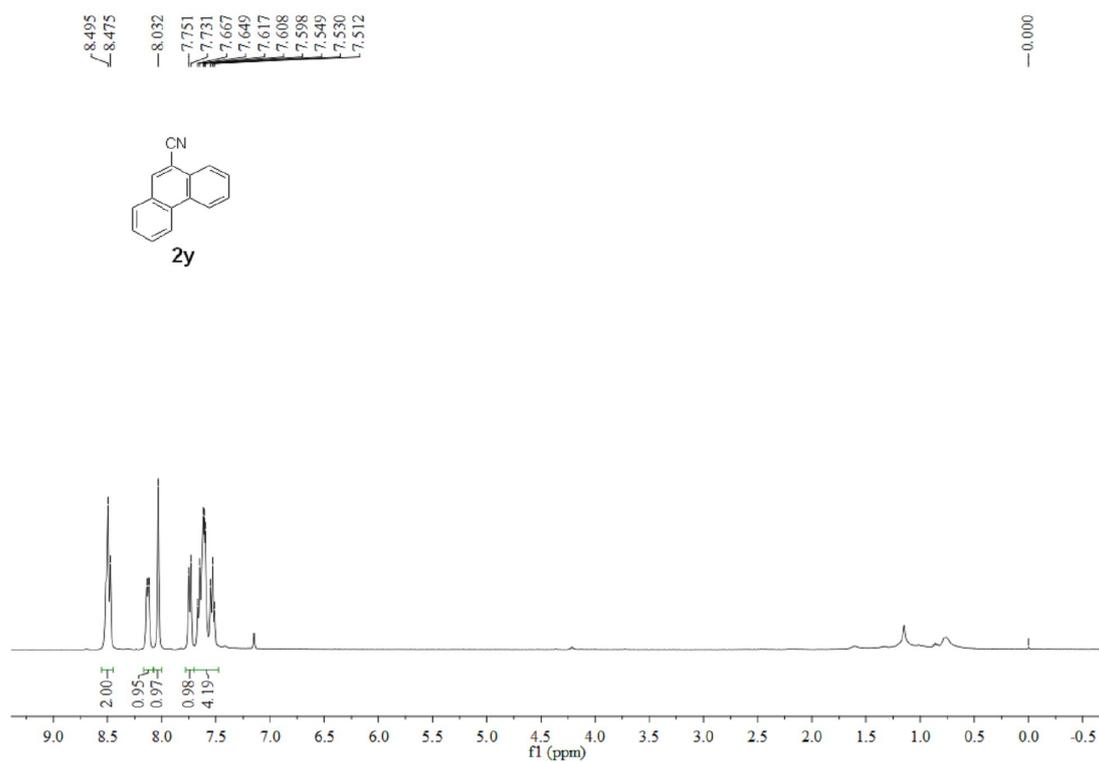
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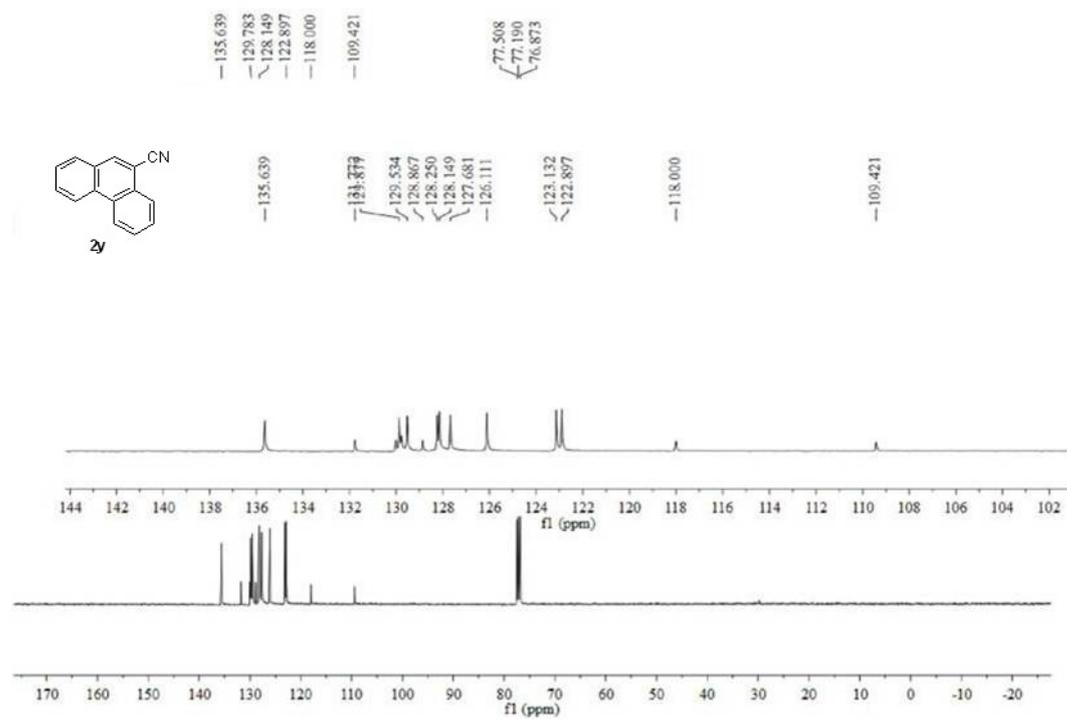
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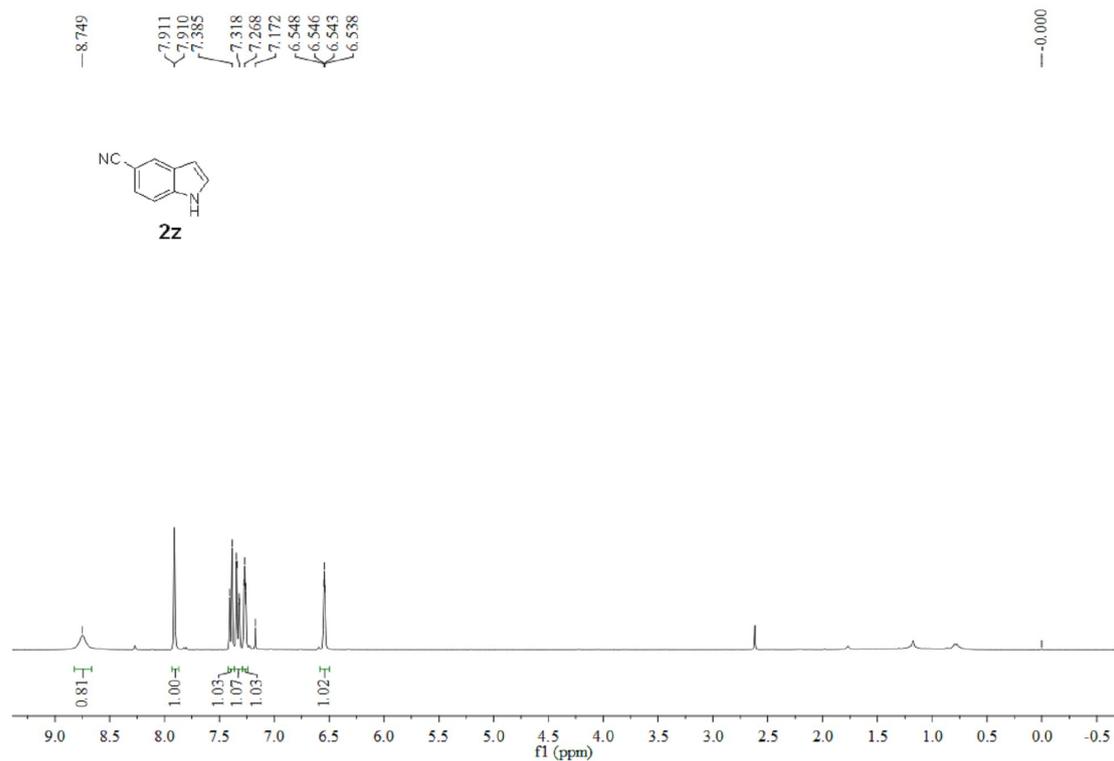
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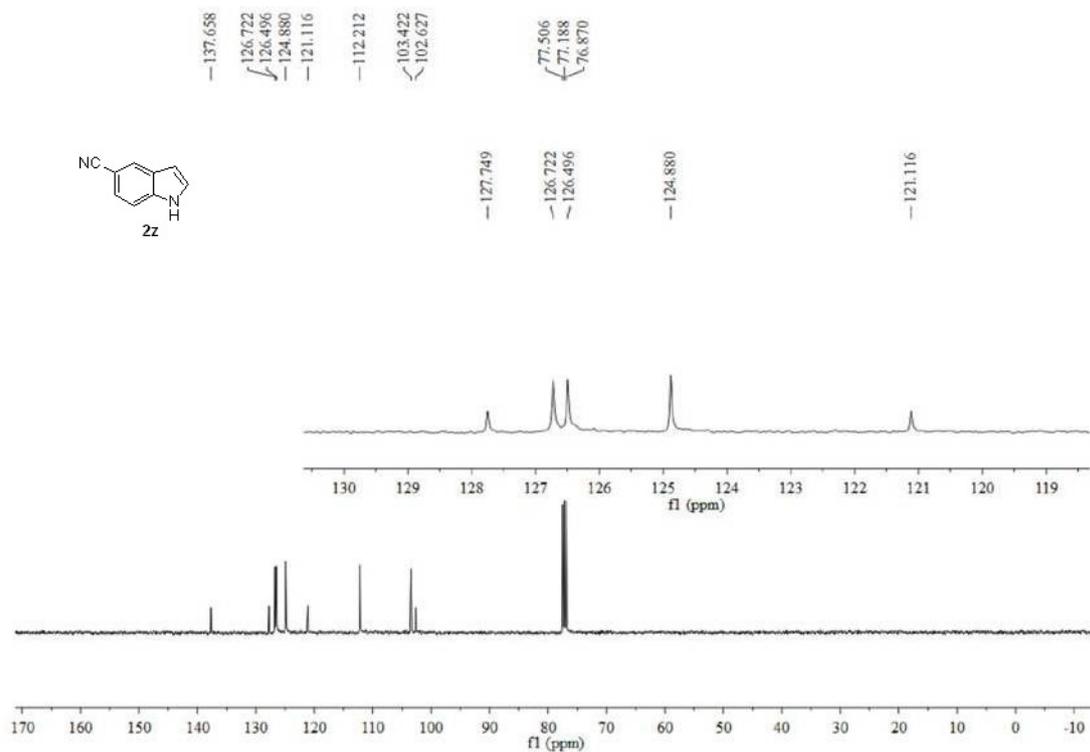
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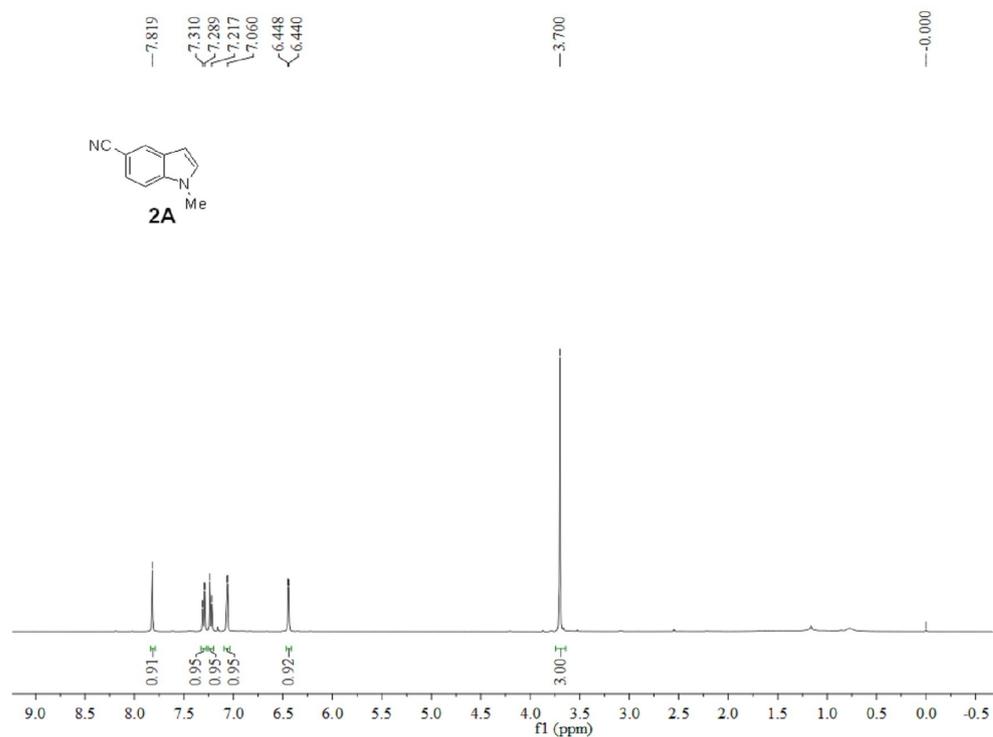
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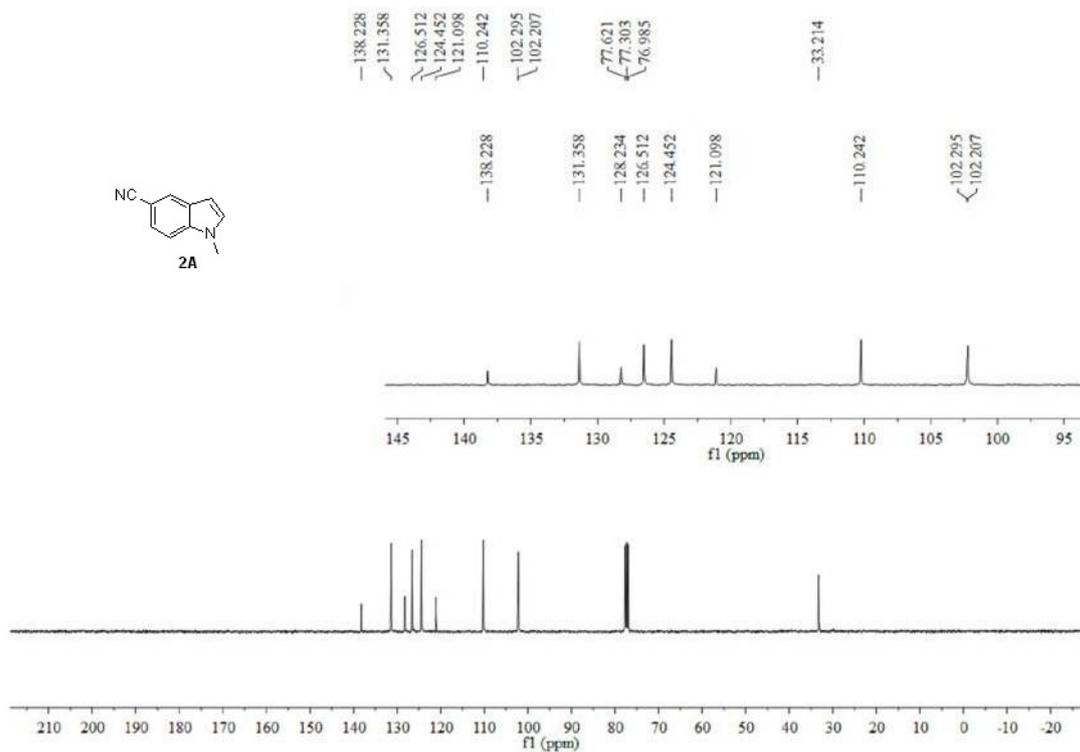
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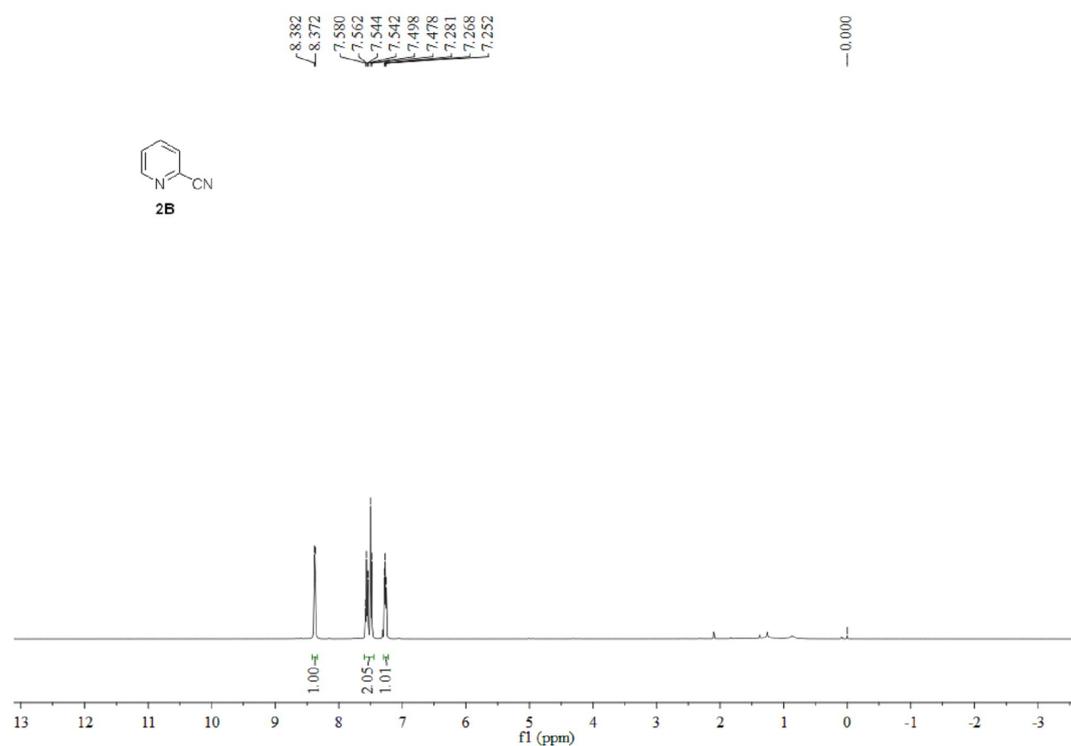
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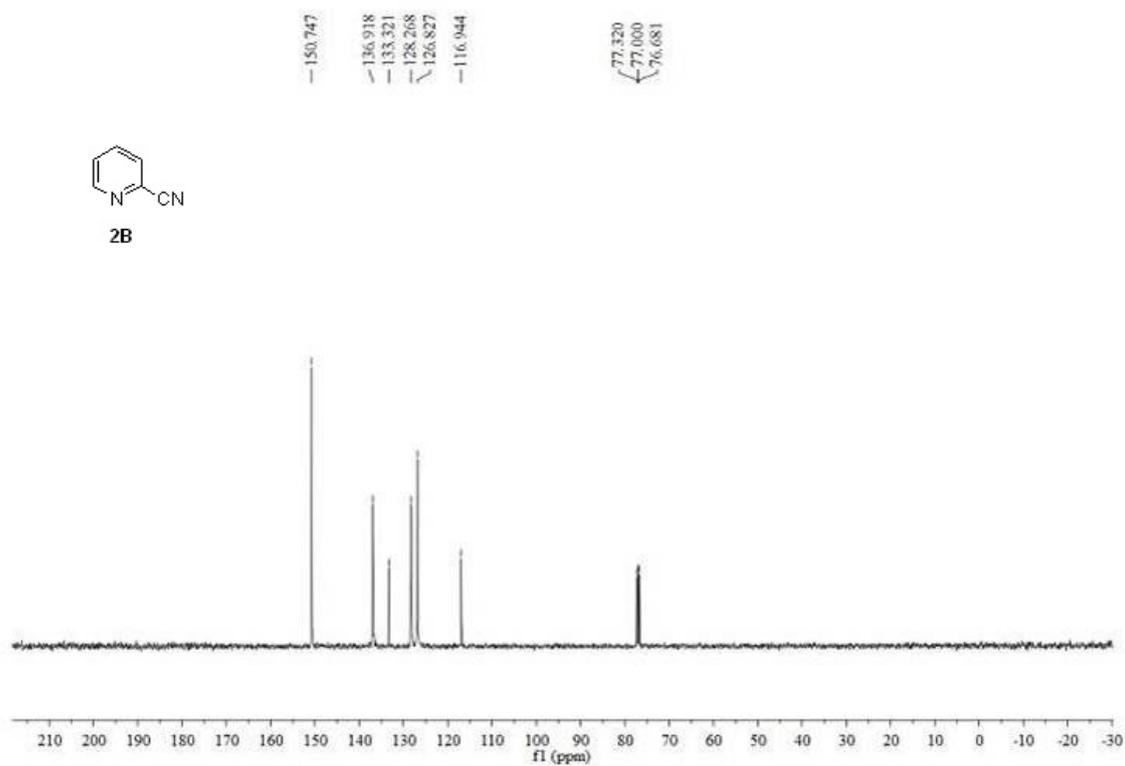
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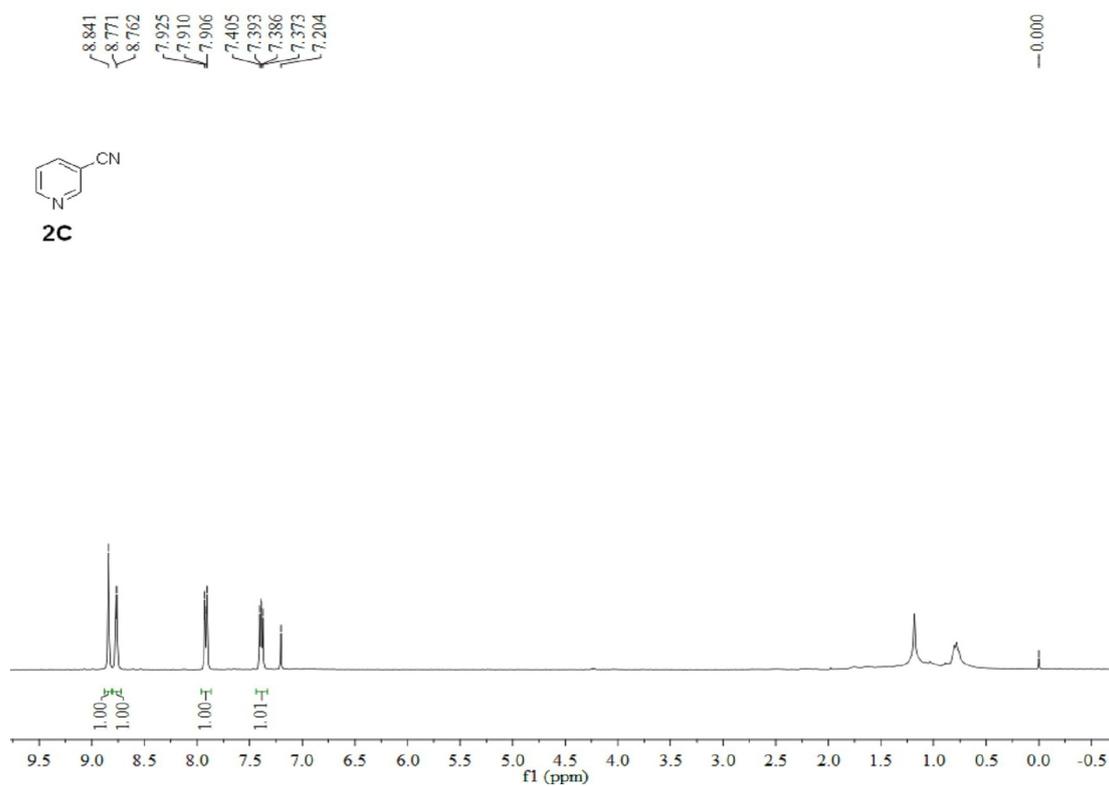
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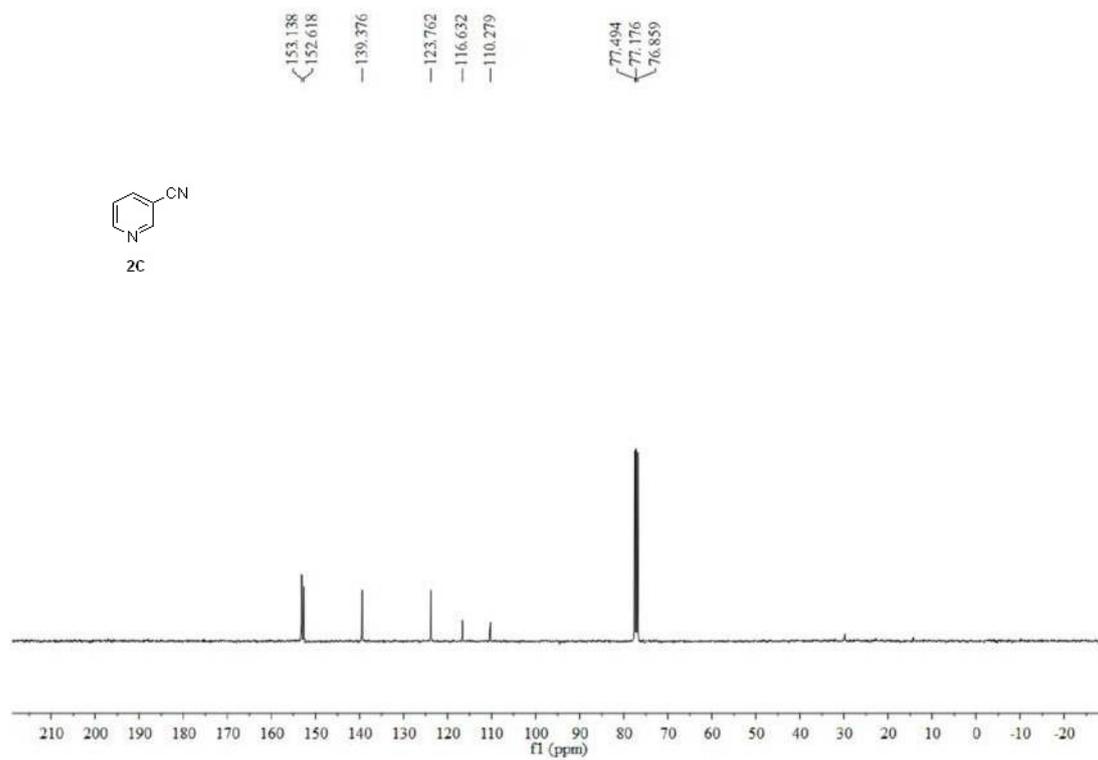
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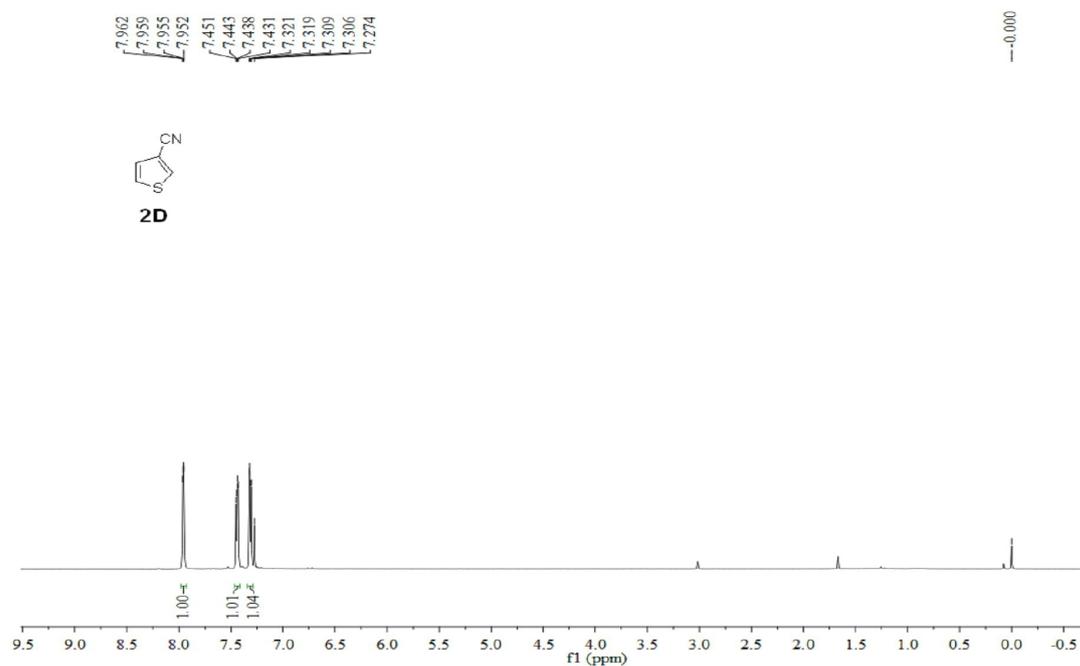
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^{13}C NMR, 100 MHz, CDCl_3



^1H NMR, 400 MHz, CDCl_3



^{13}C NMR, 100 MHz, CDCl_3

