

SUPPORTING MATERIAL

Synthesis of Imidazo[4,5-c]pyrazoles via Copper-Catalyzed Amidine Cyclization.

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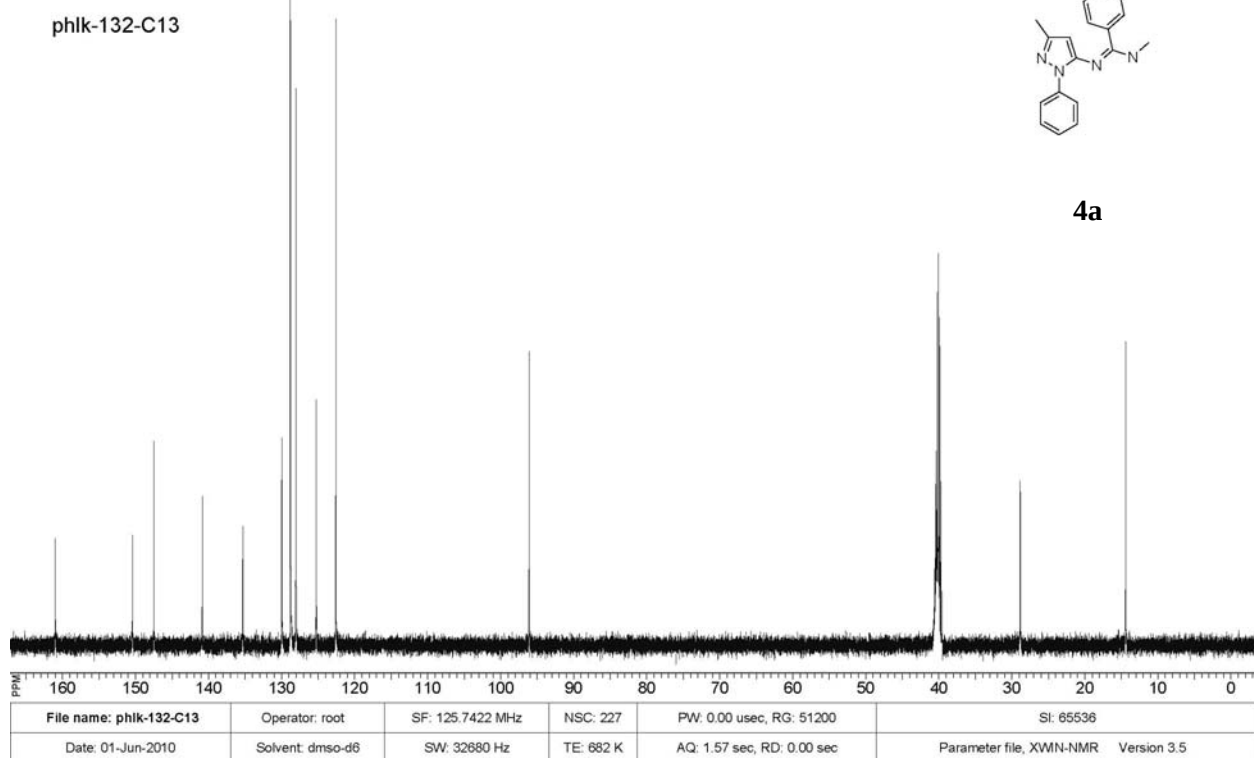
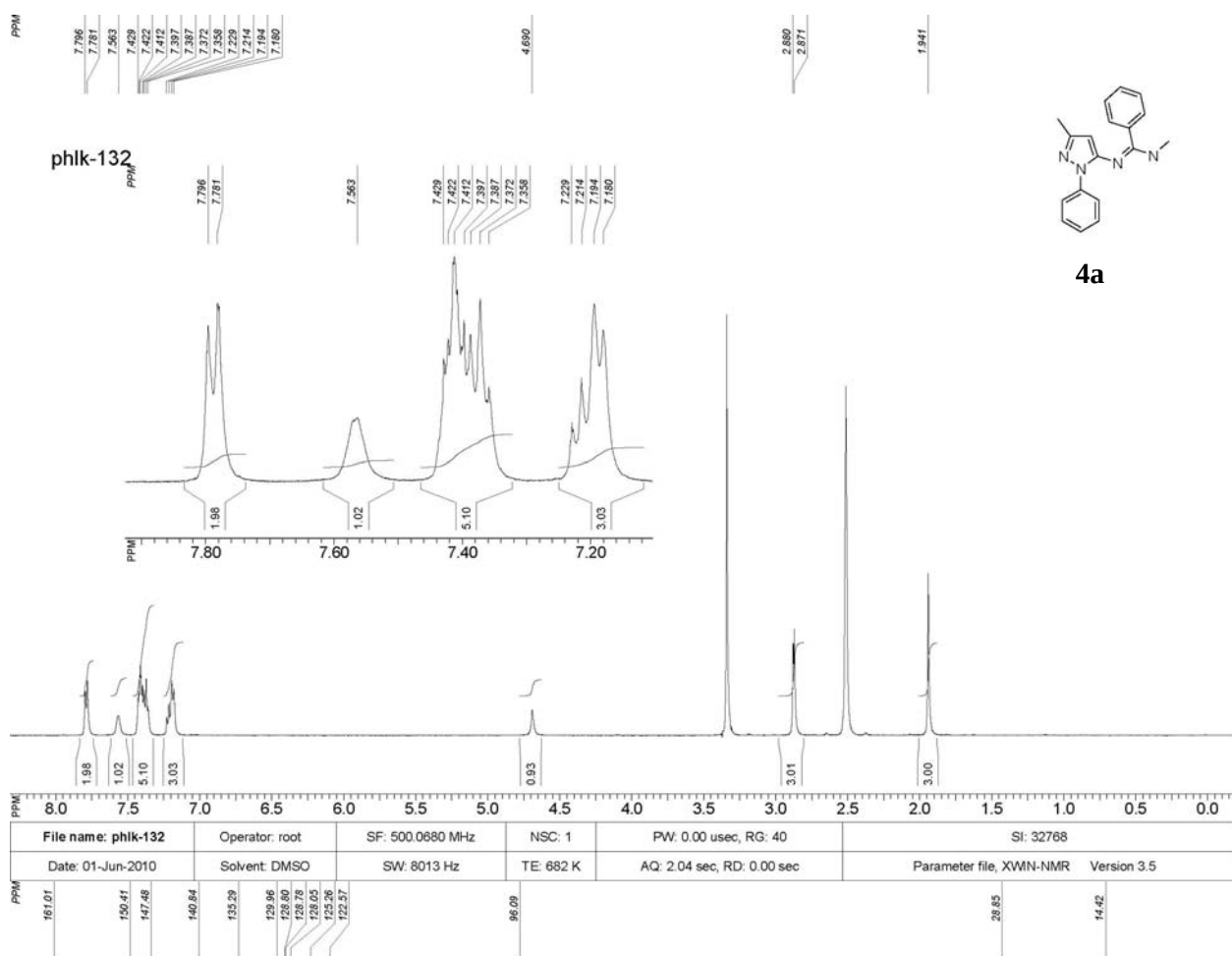
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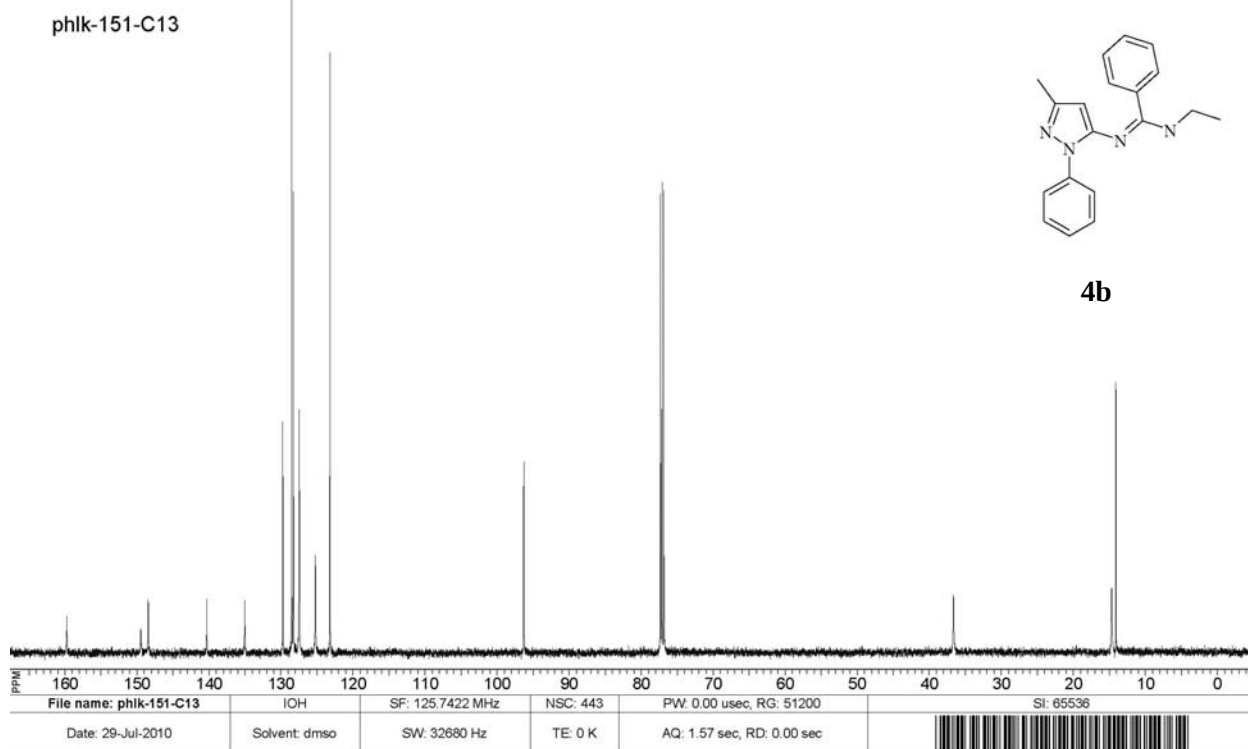
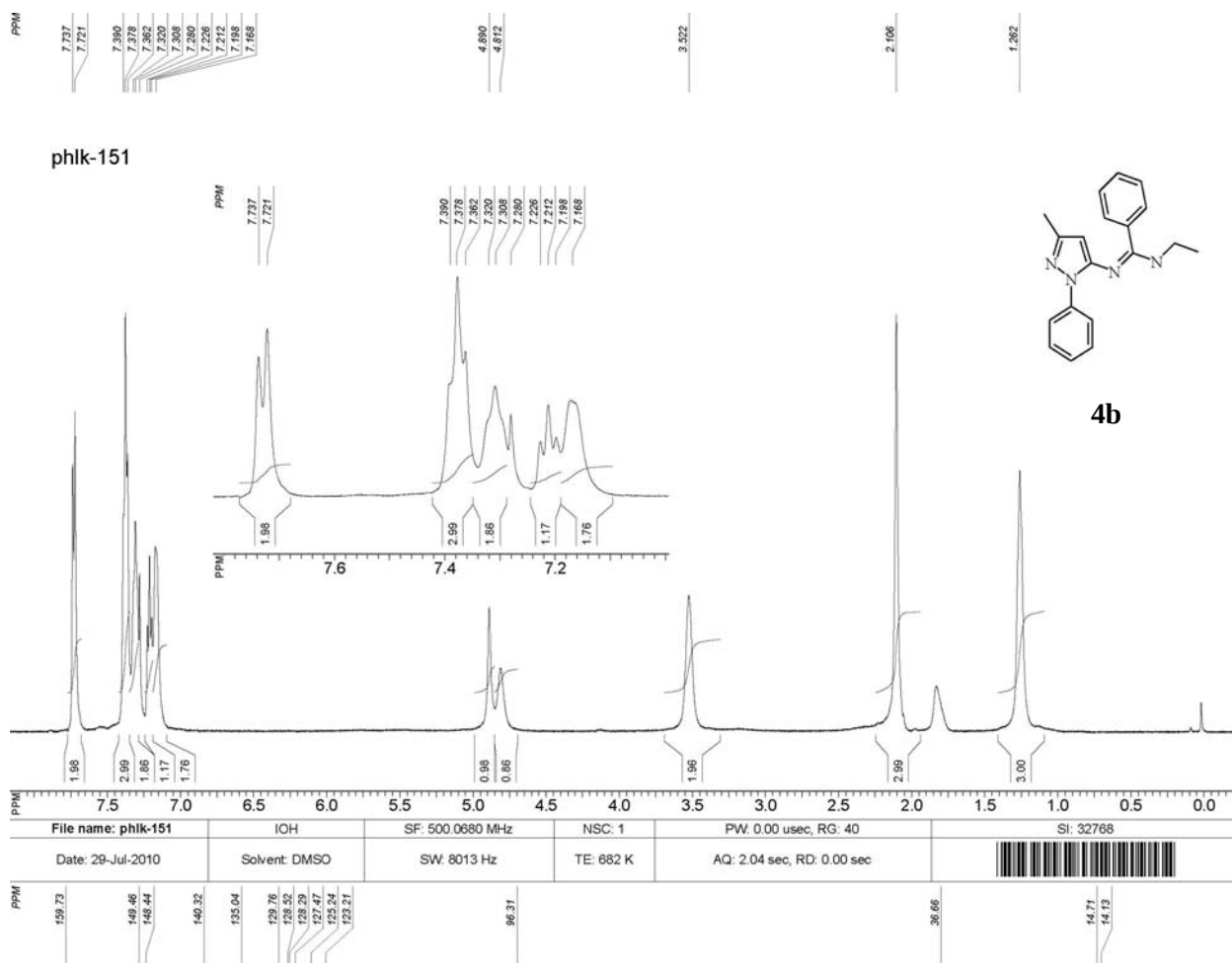
Corresponding author: kliubchak@gmail.com

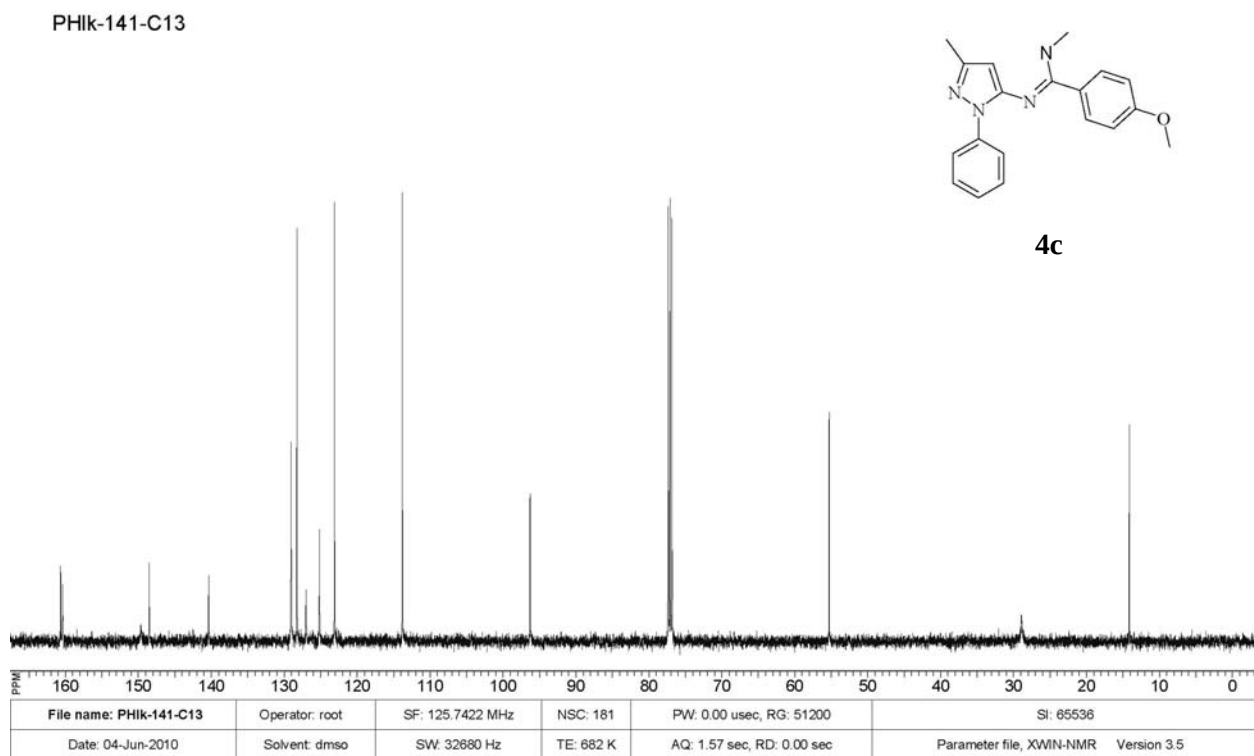
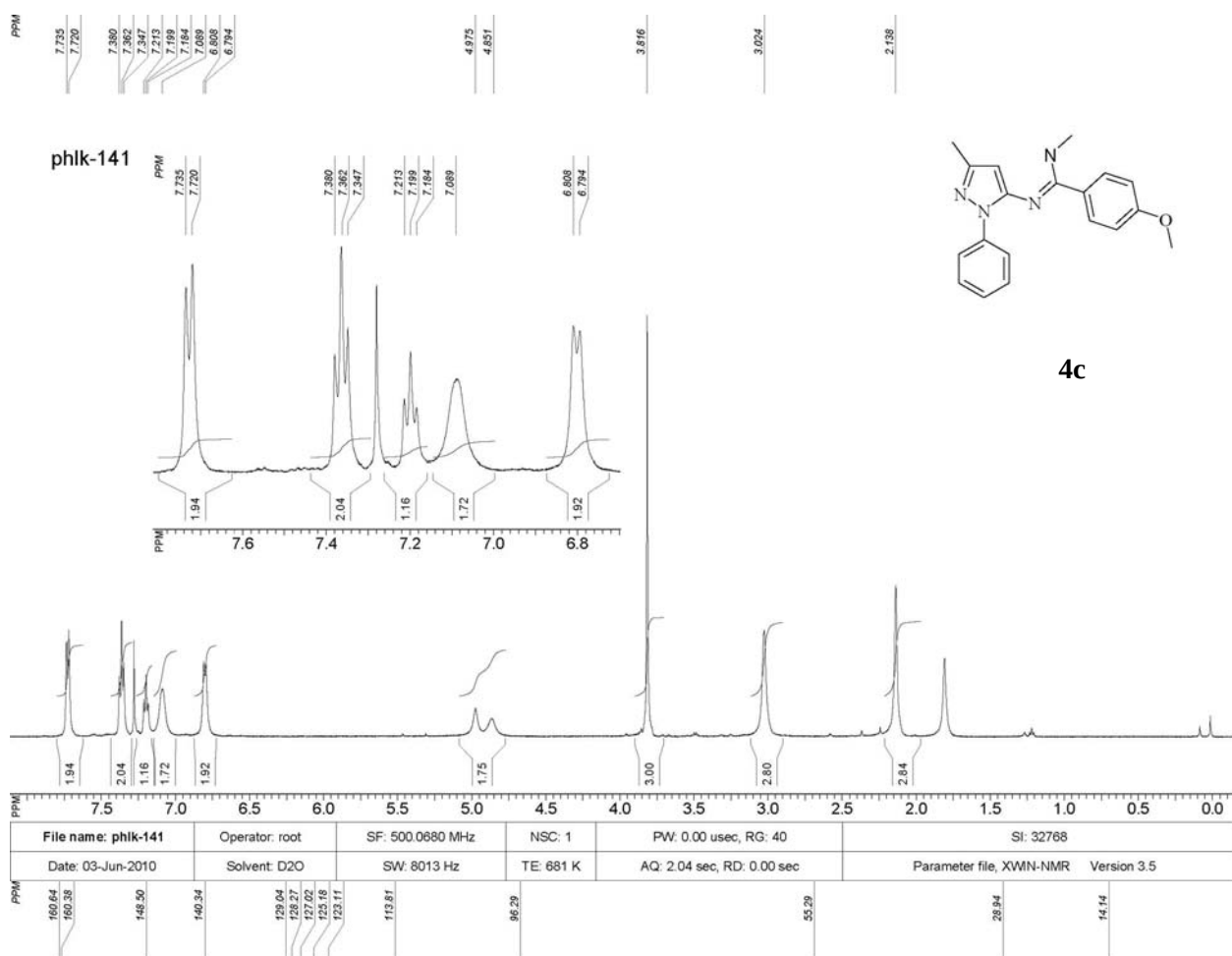
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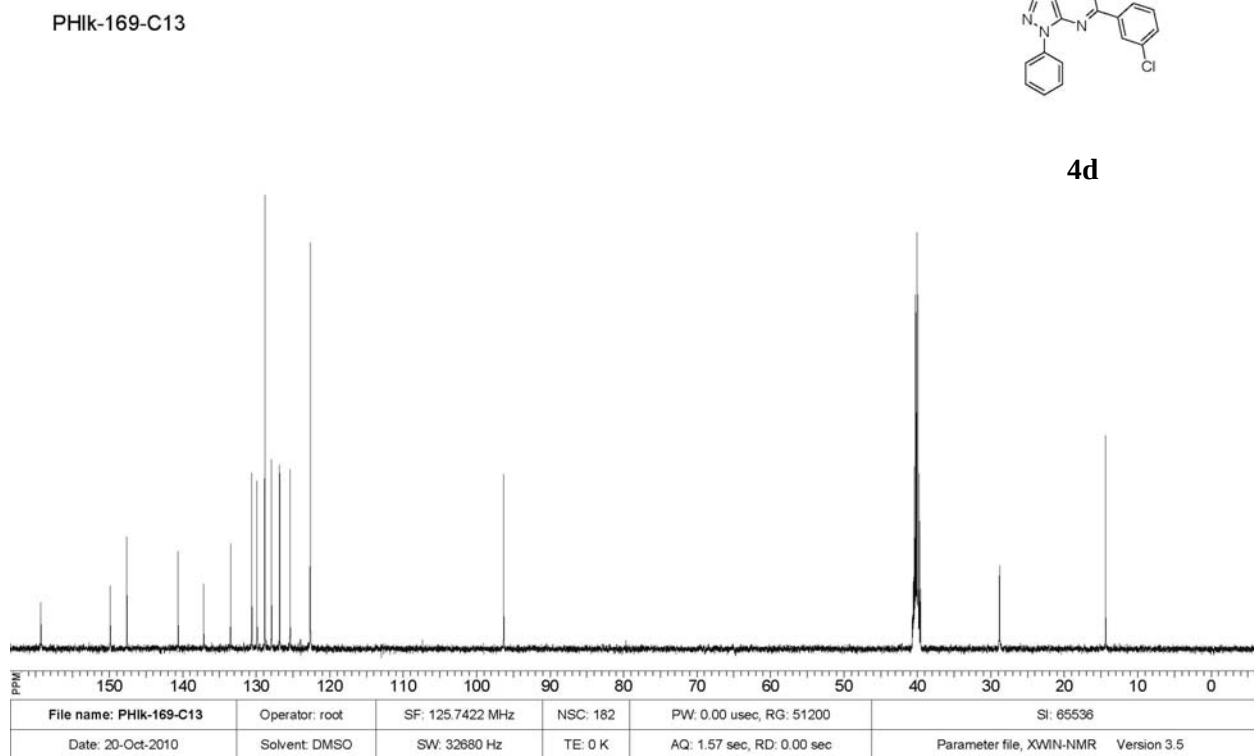
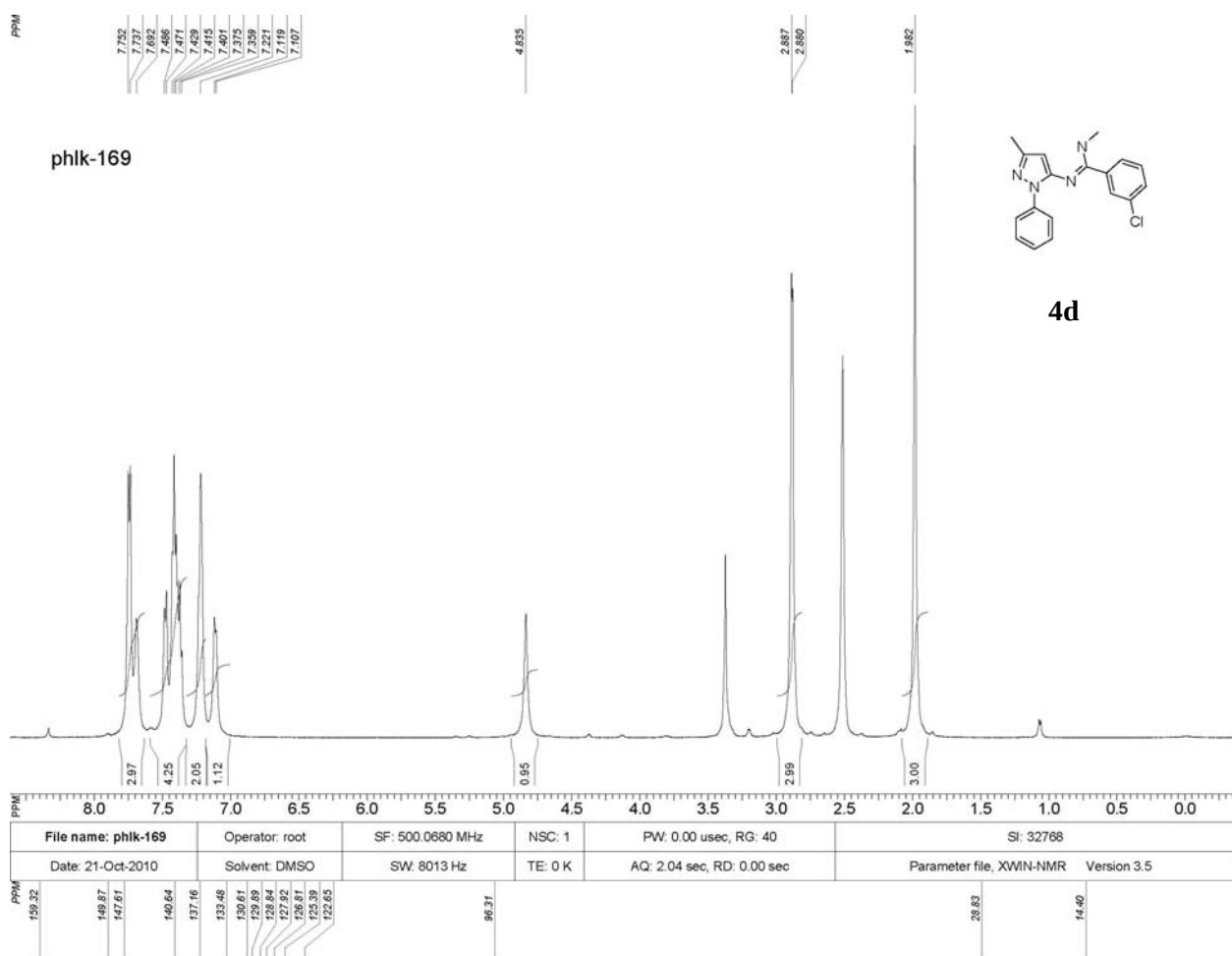
¹ H and ¹³ C NMR spectra for compound	Page
4a	S3
4b	S4
4c	S5
4d	S6
4e	S7
4f	S8
4g	S9
4h	S10
4i	S11
4j	S12
4k	S13
4l	S14
2a	S15
2b	S16
2c	S17

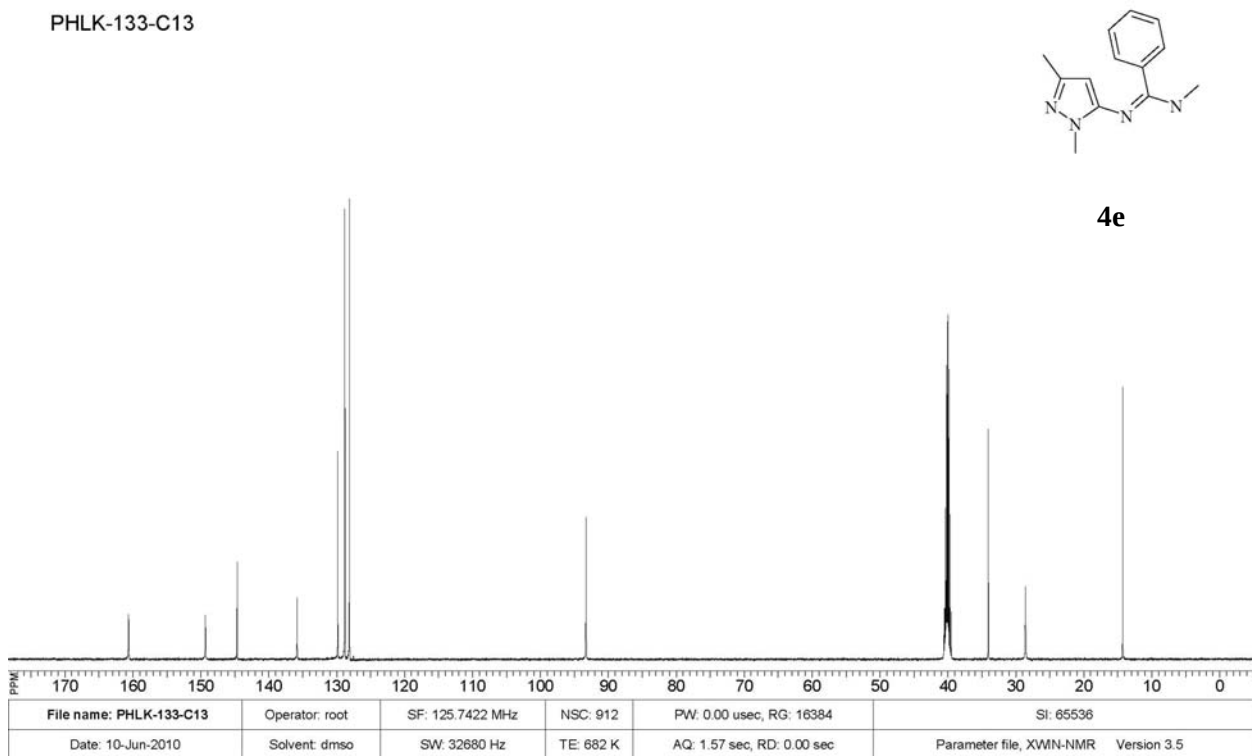
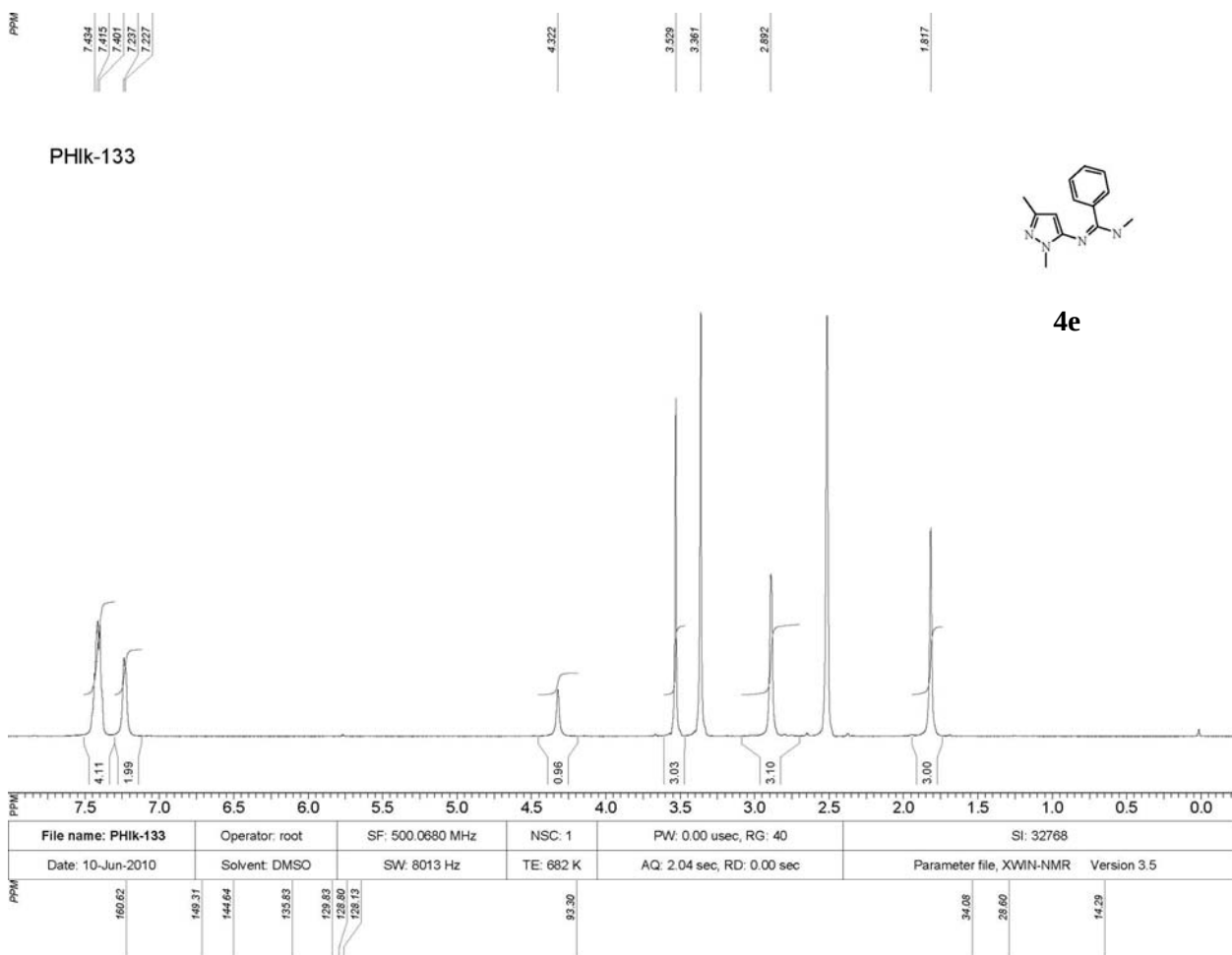
¹ H and ¹³ C NMR spectra for compound	Page
2e	S19
2f	S20
2g	S21
2h	S22
2i	S23
2j	S24
2k	S25
2l	S26
1a	S27
1b	S28
1c	S29
1d	S30
1e	S31
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6a	S39
6b	S40

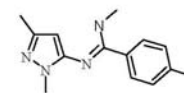
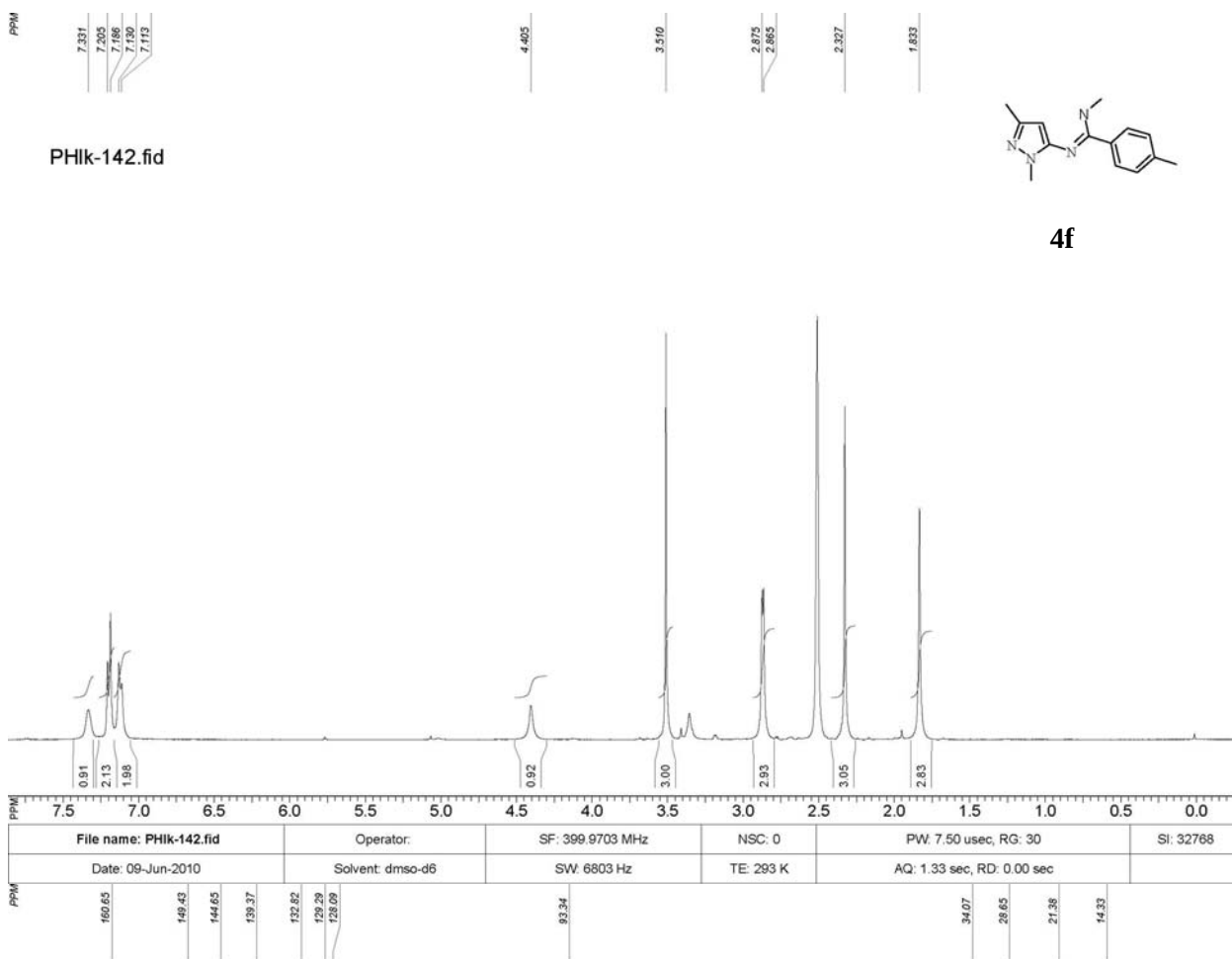






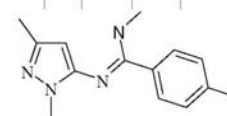
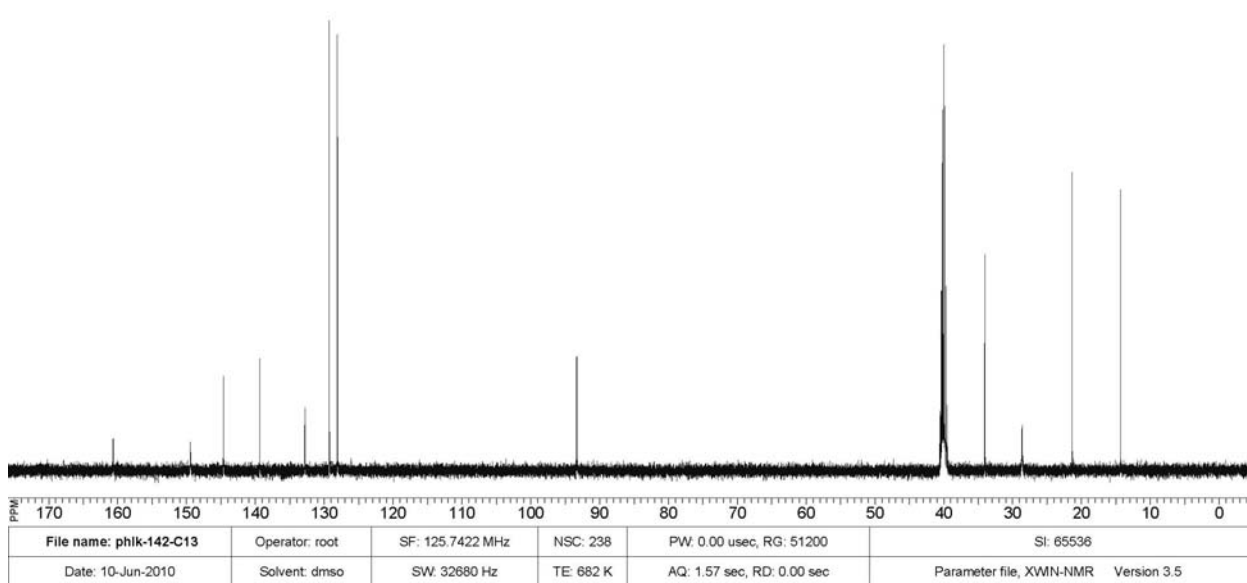




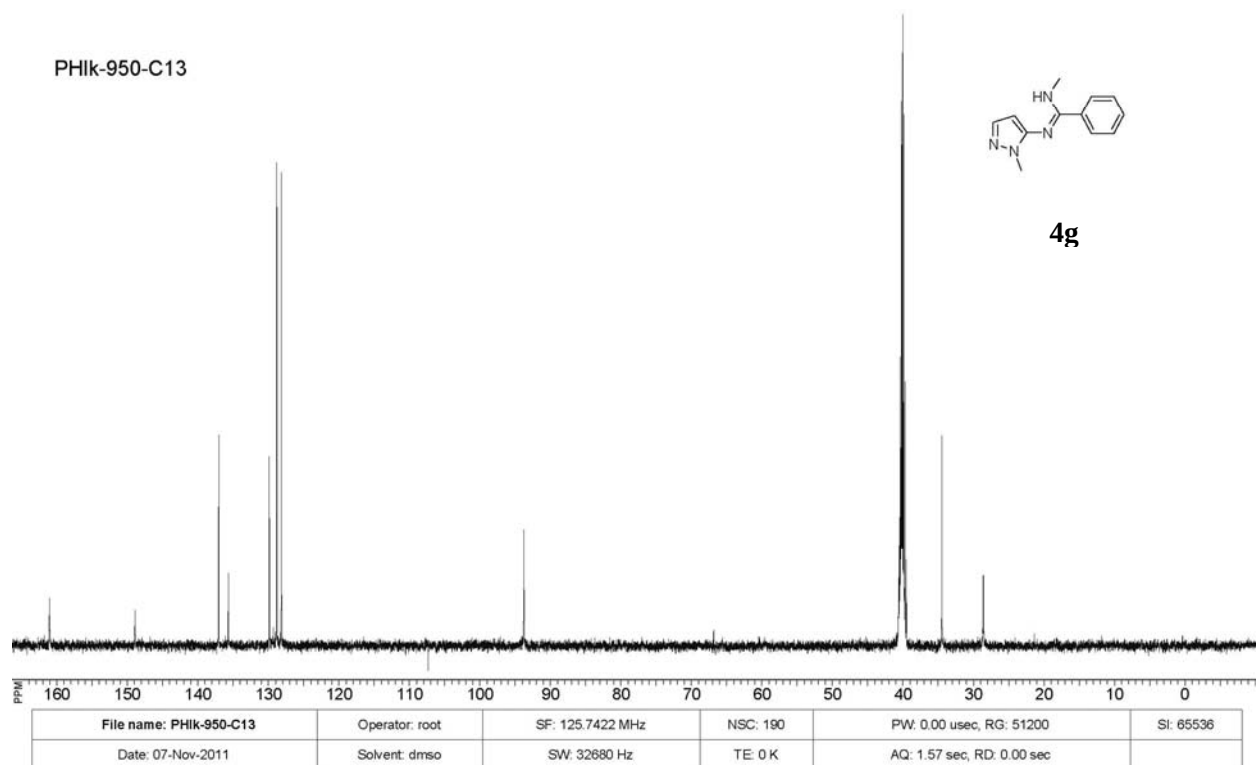
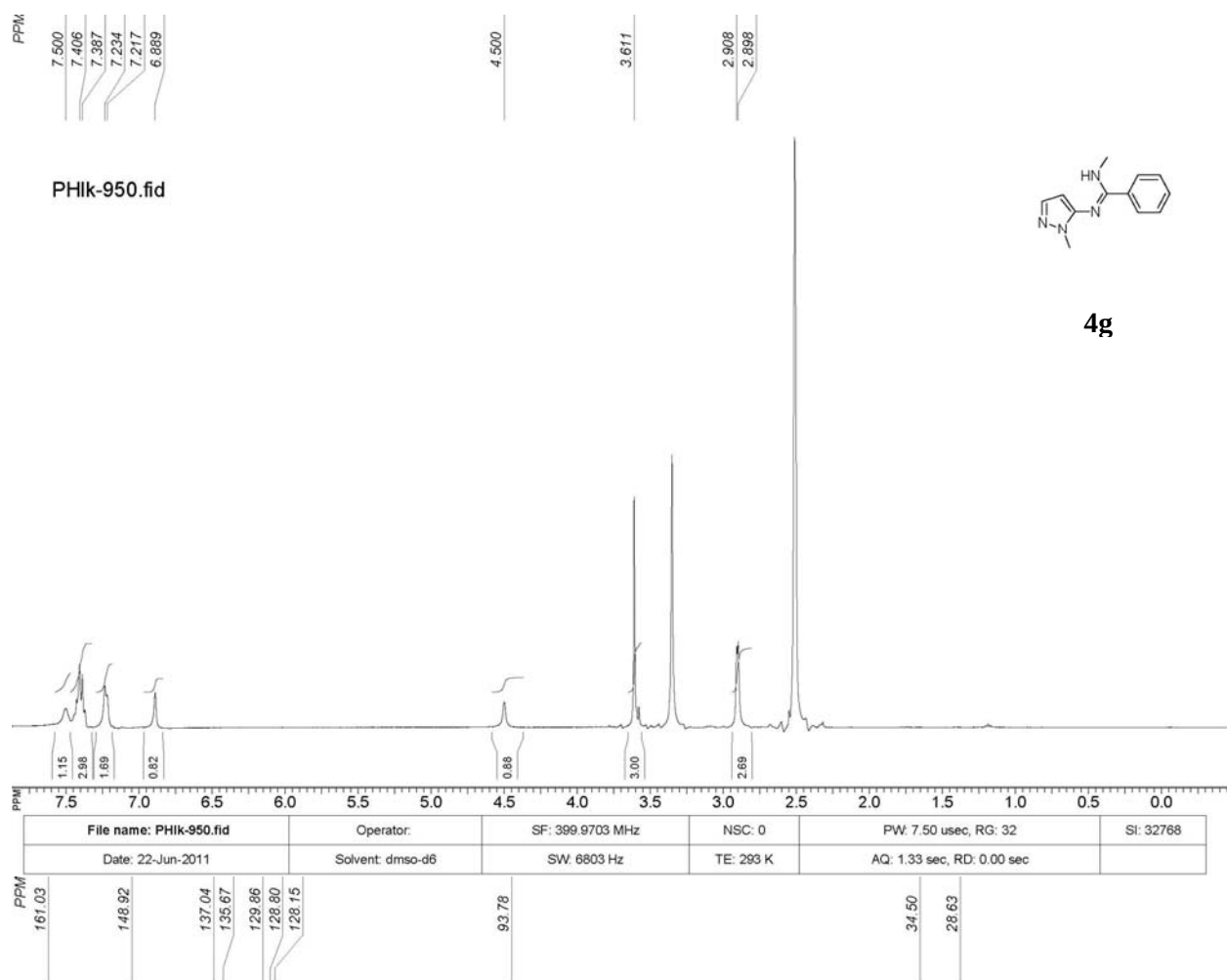


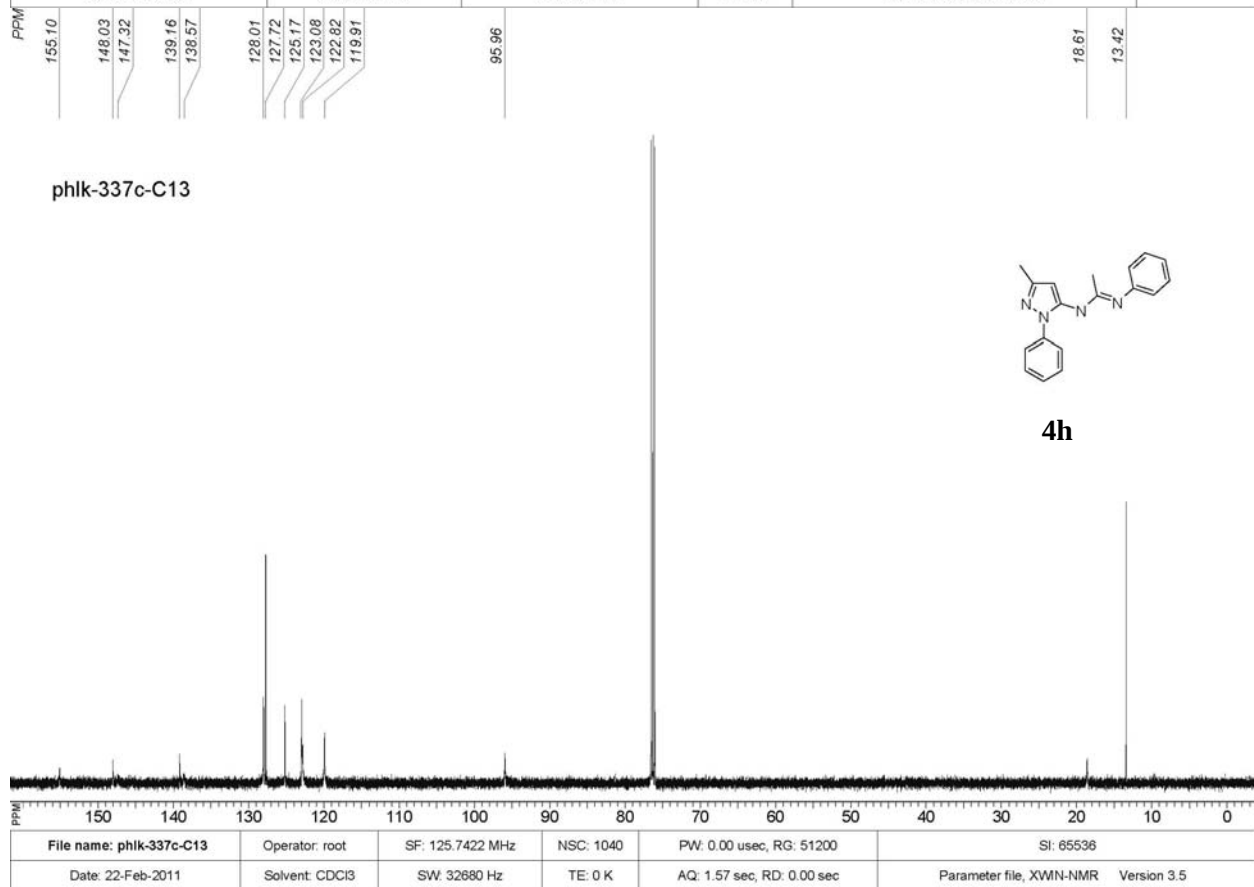
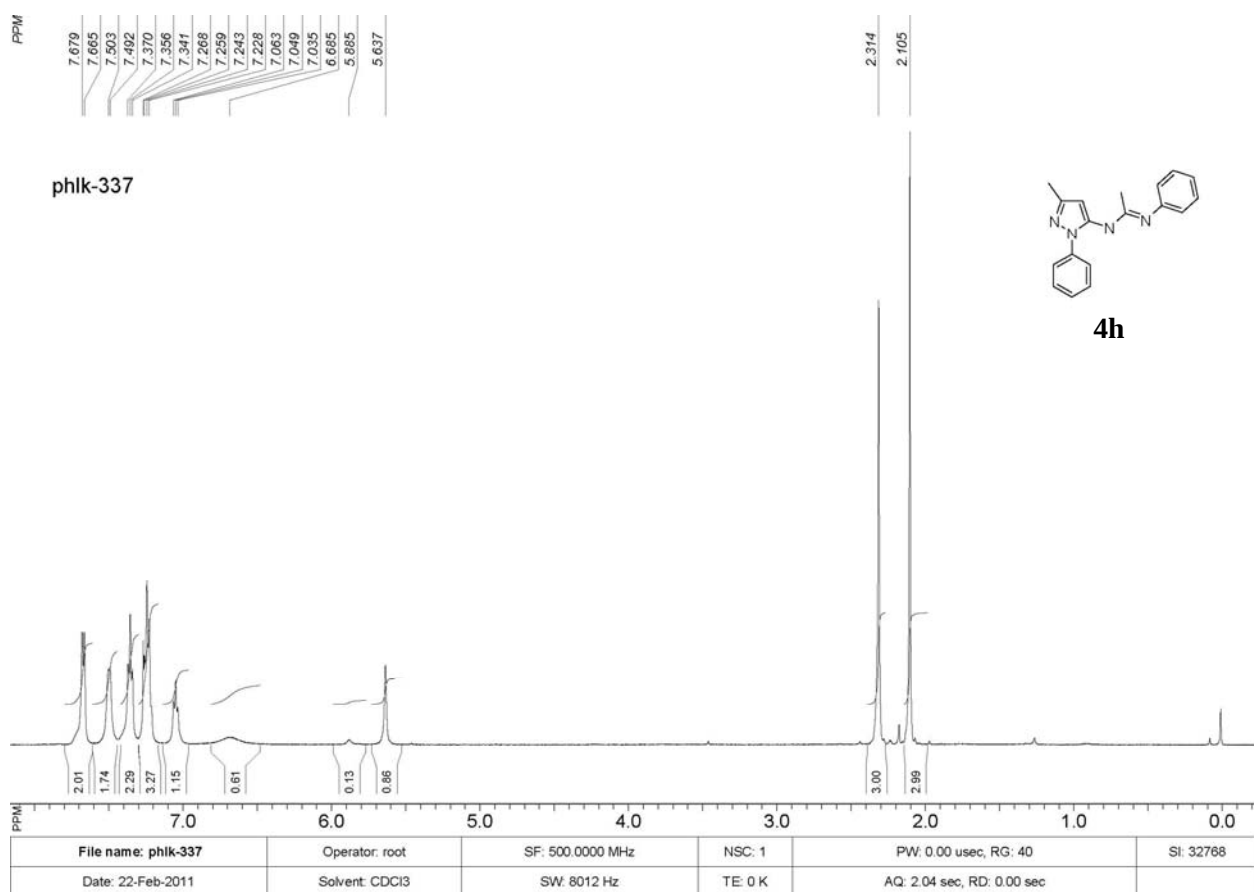
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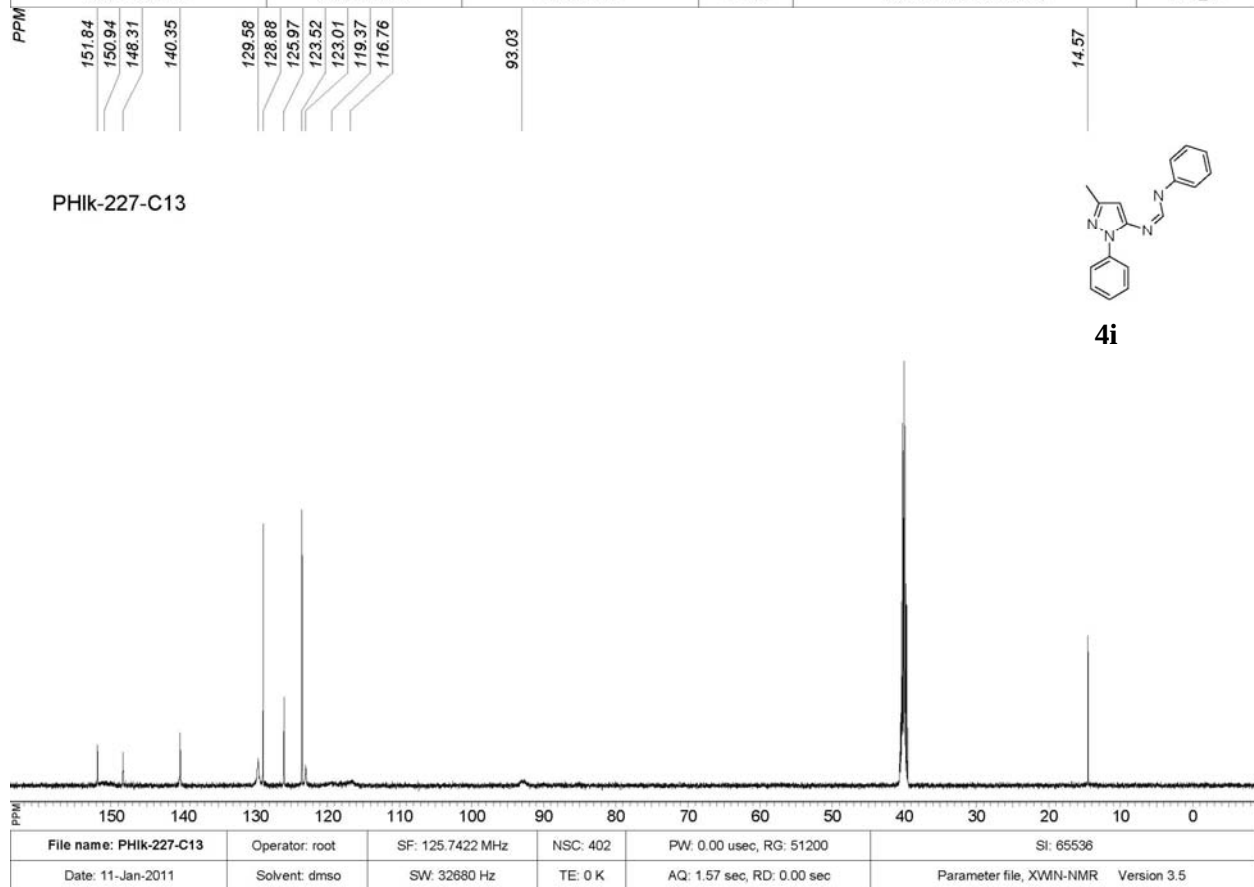
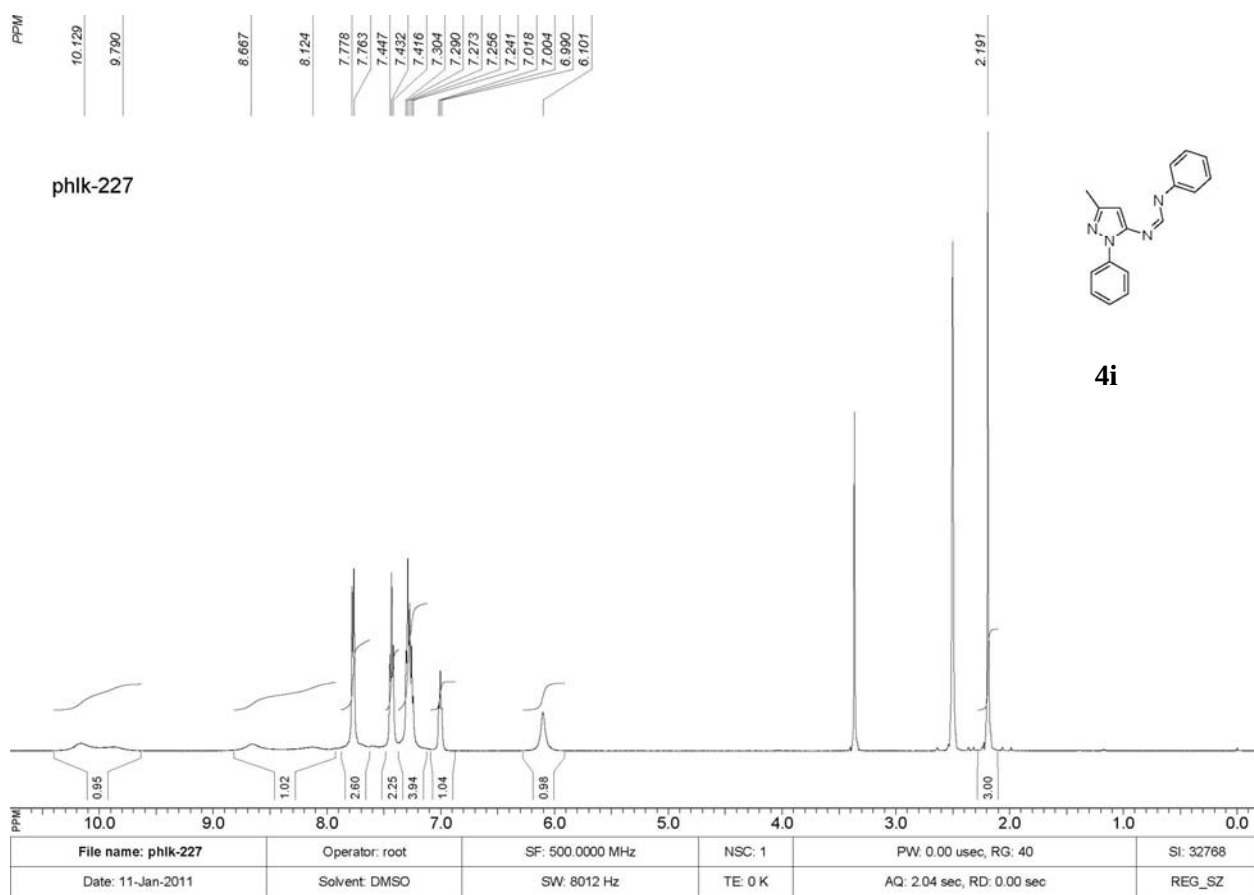
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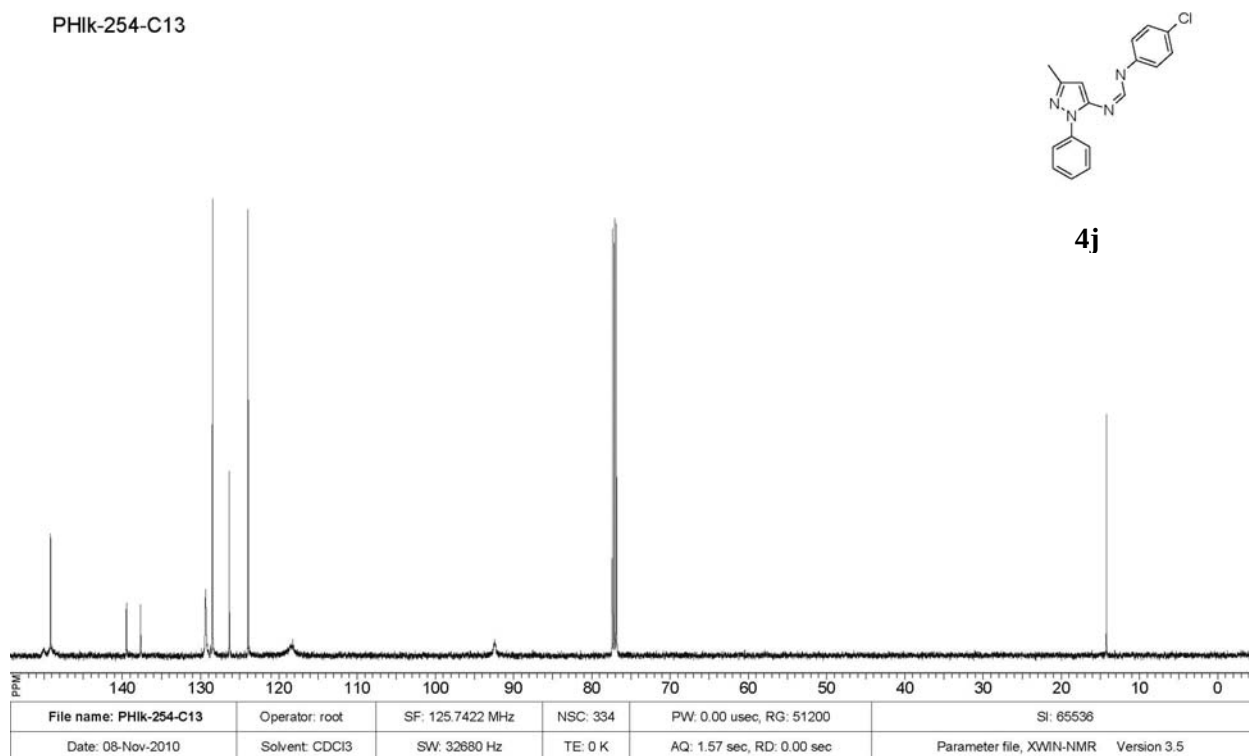
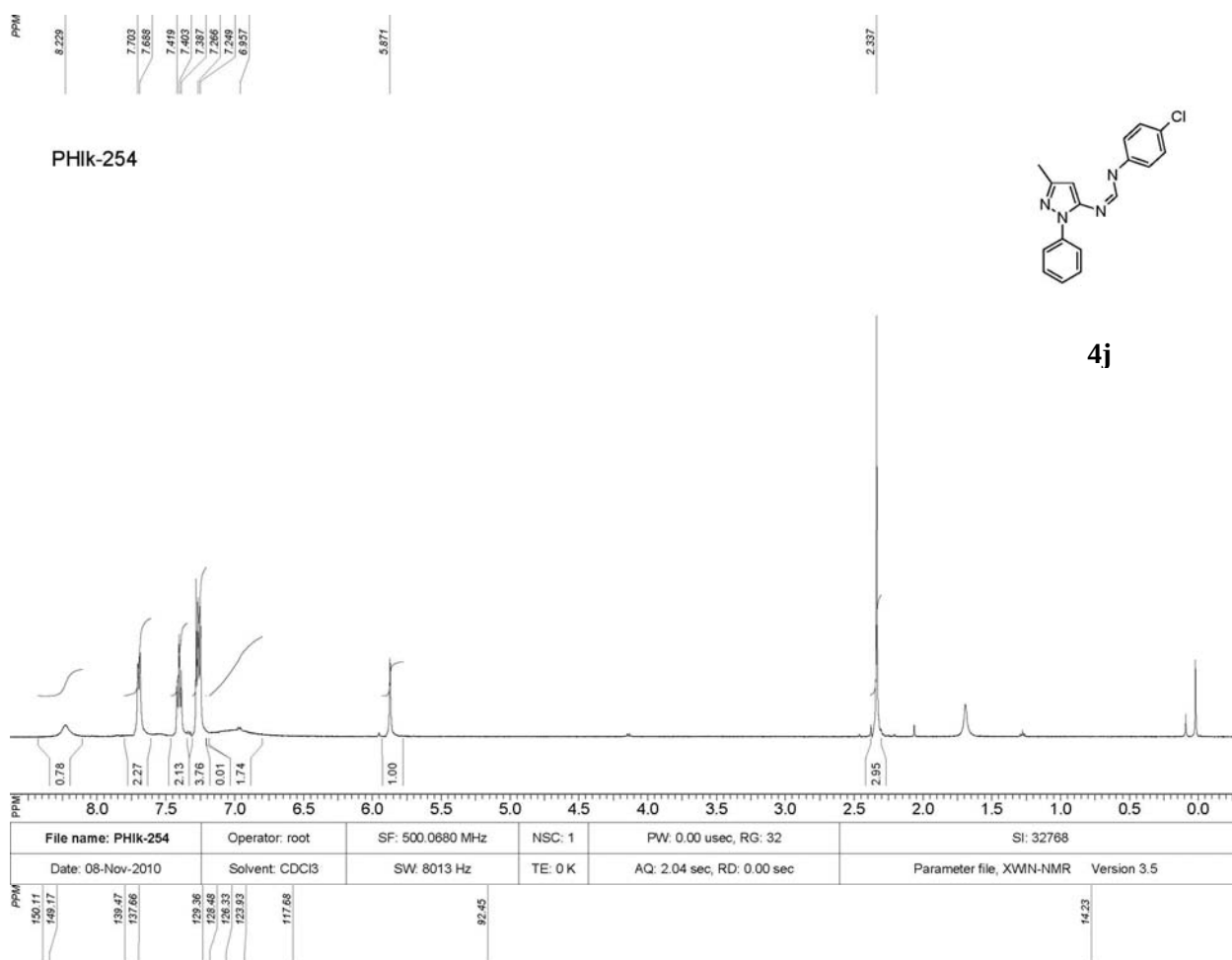


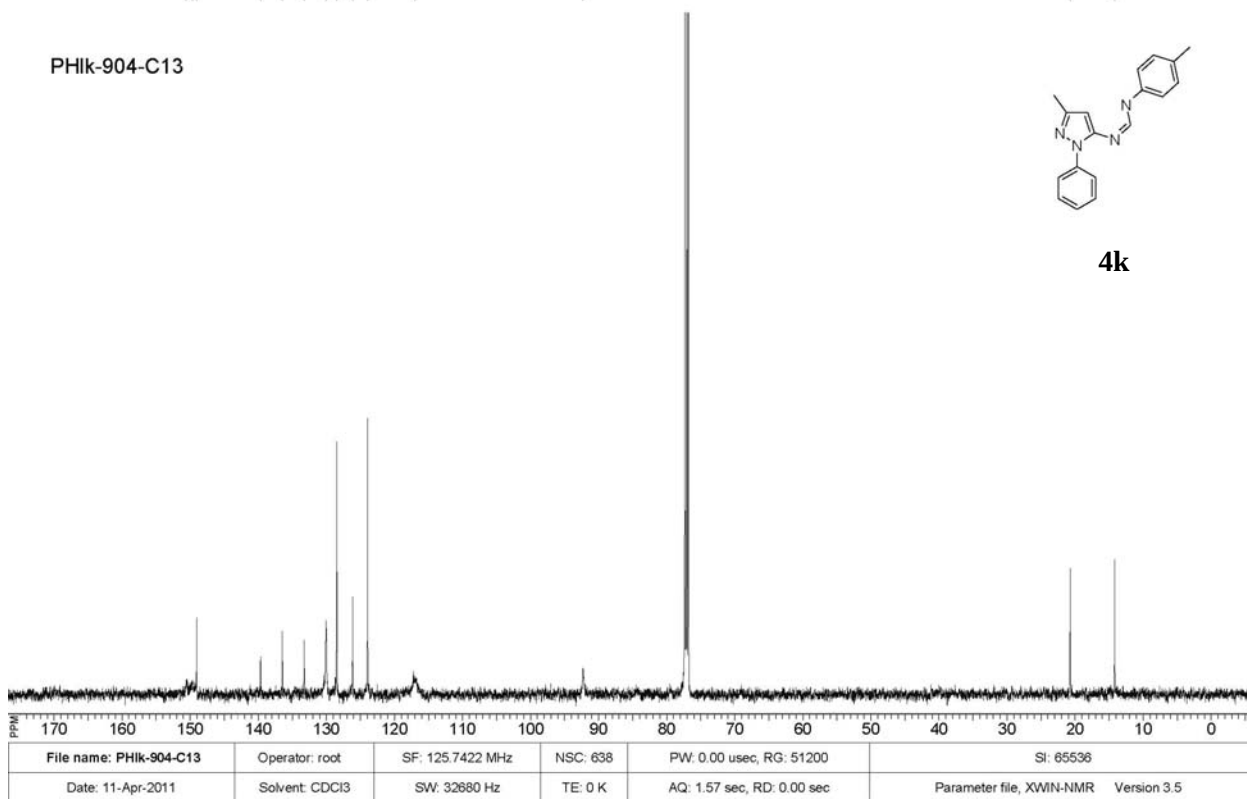
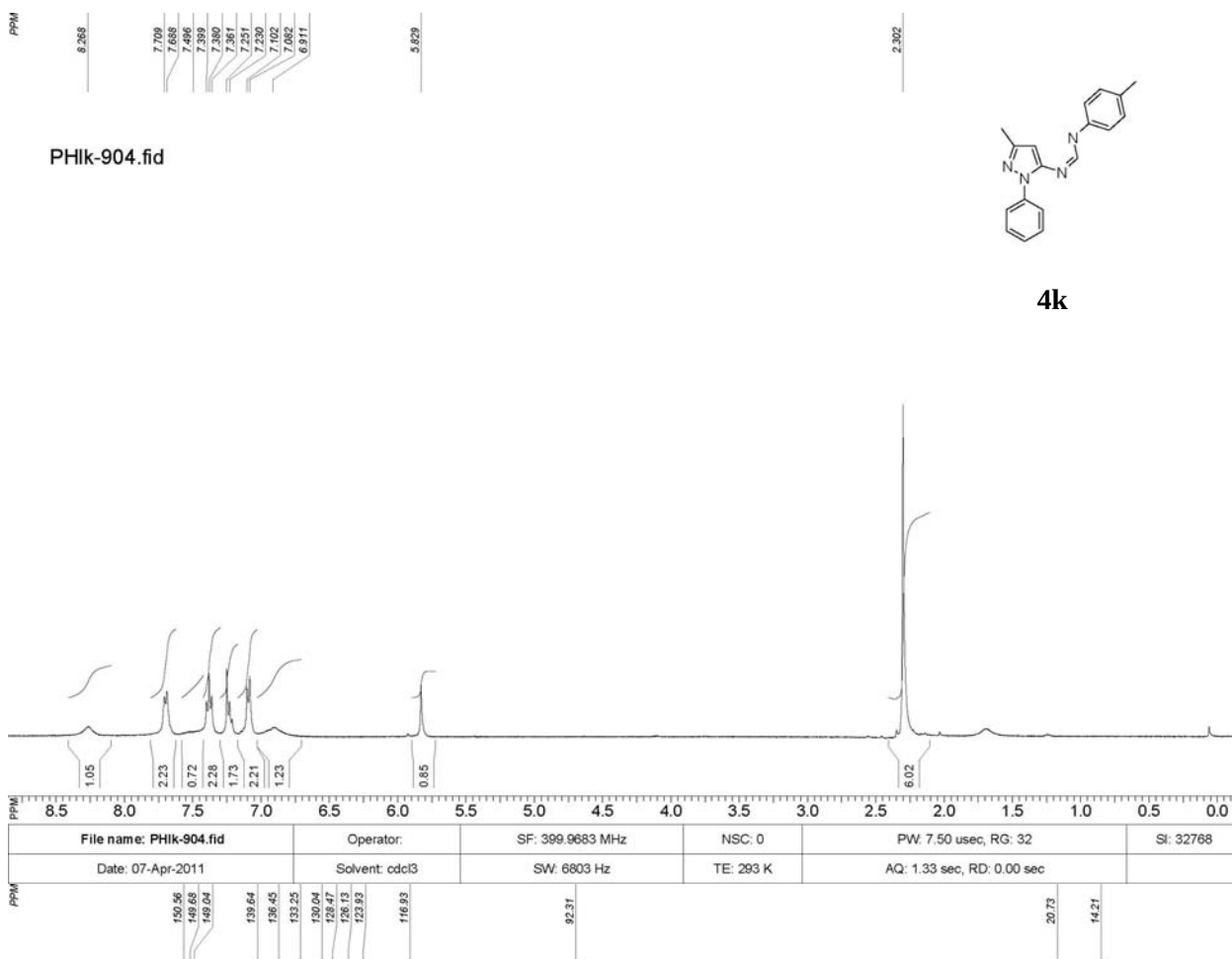
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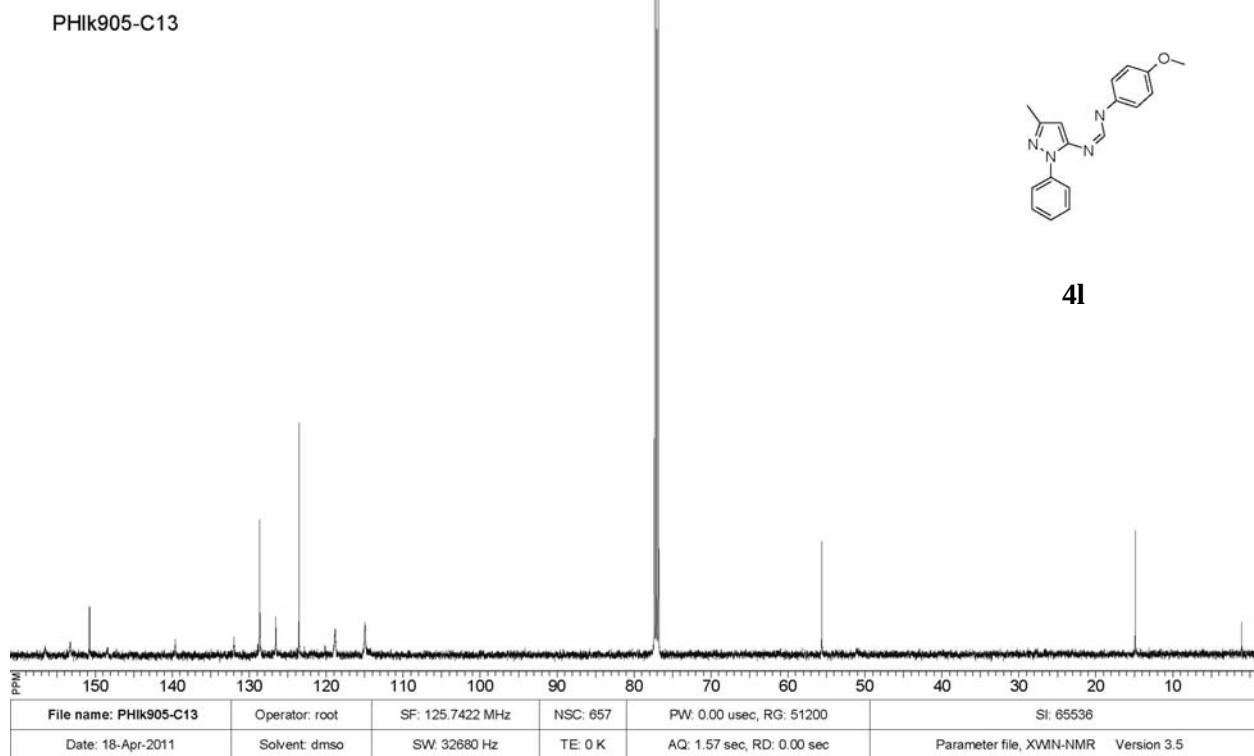
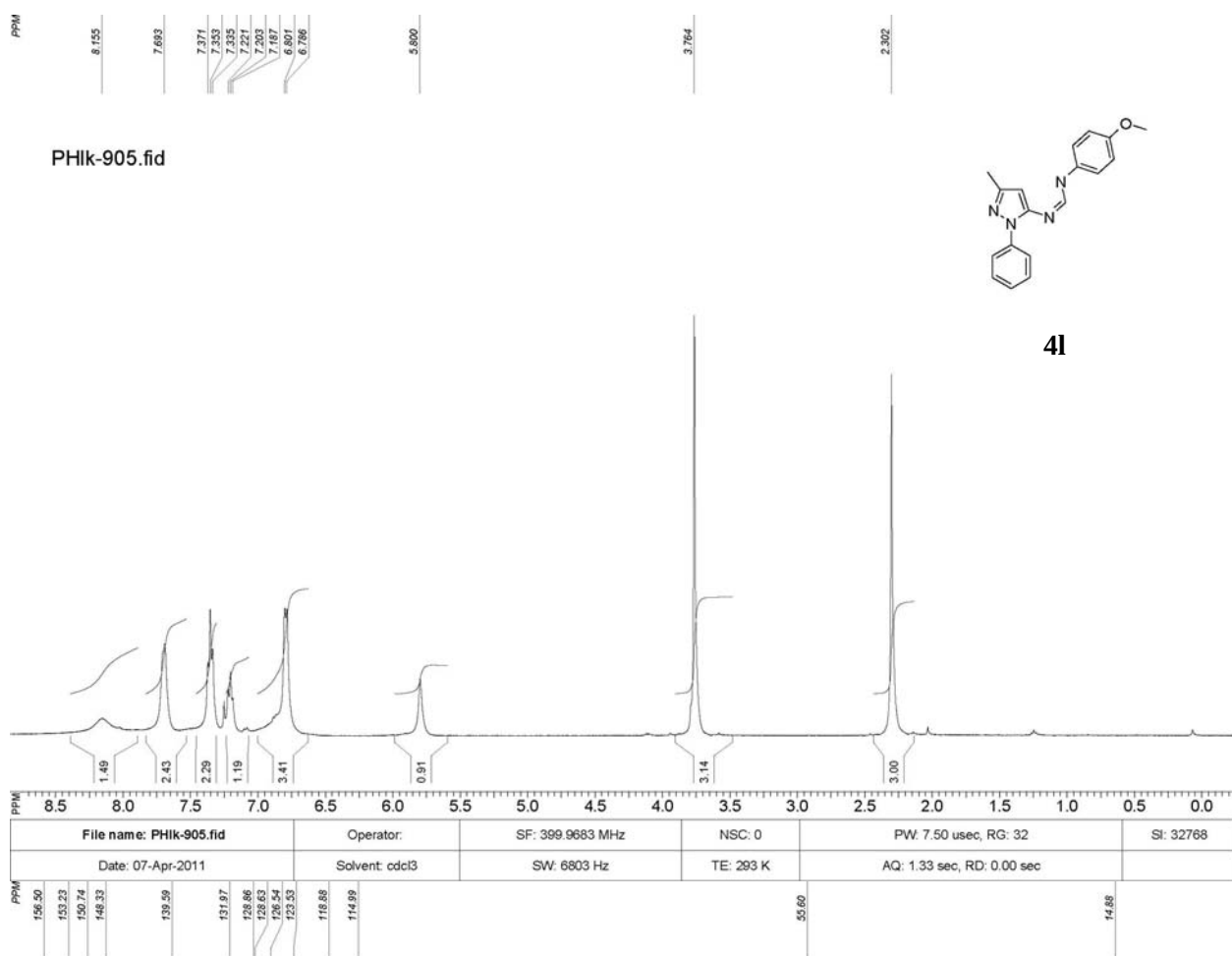


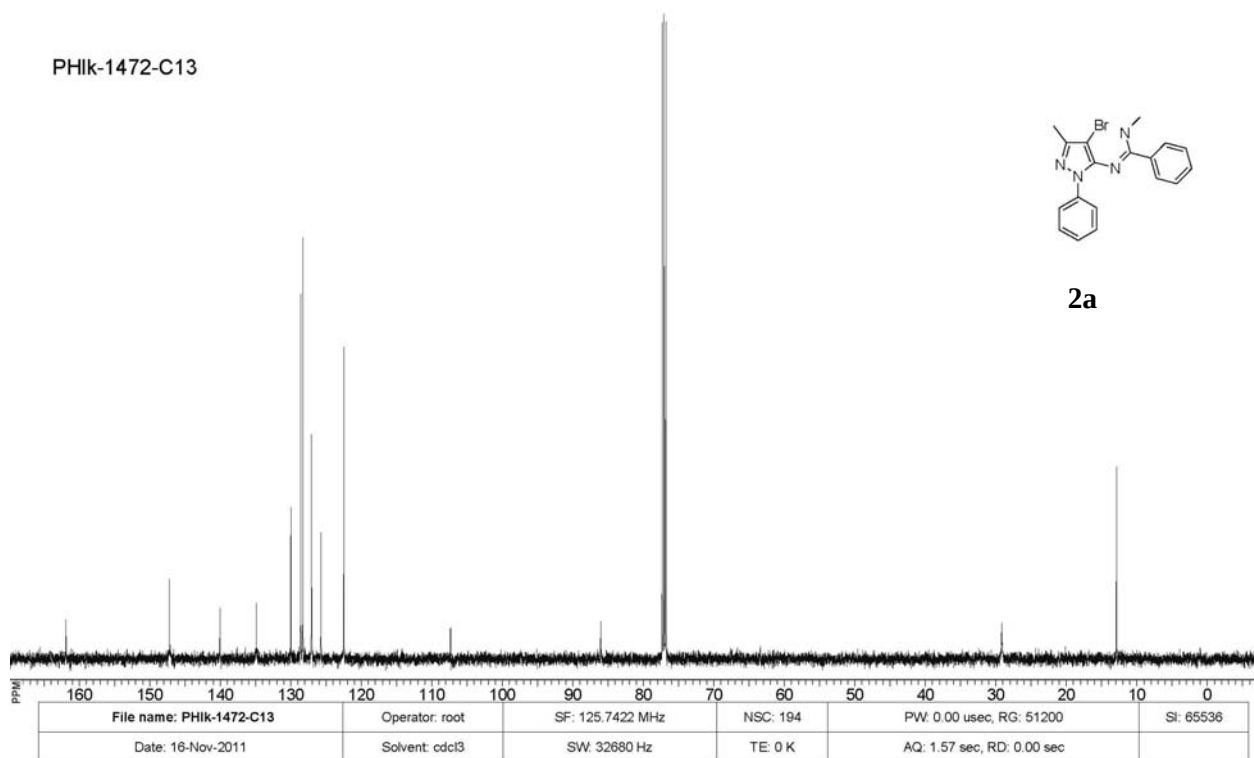
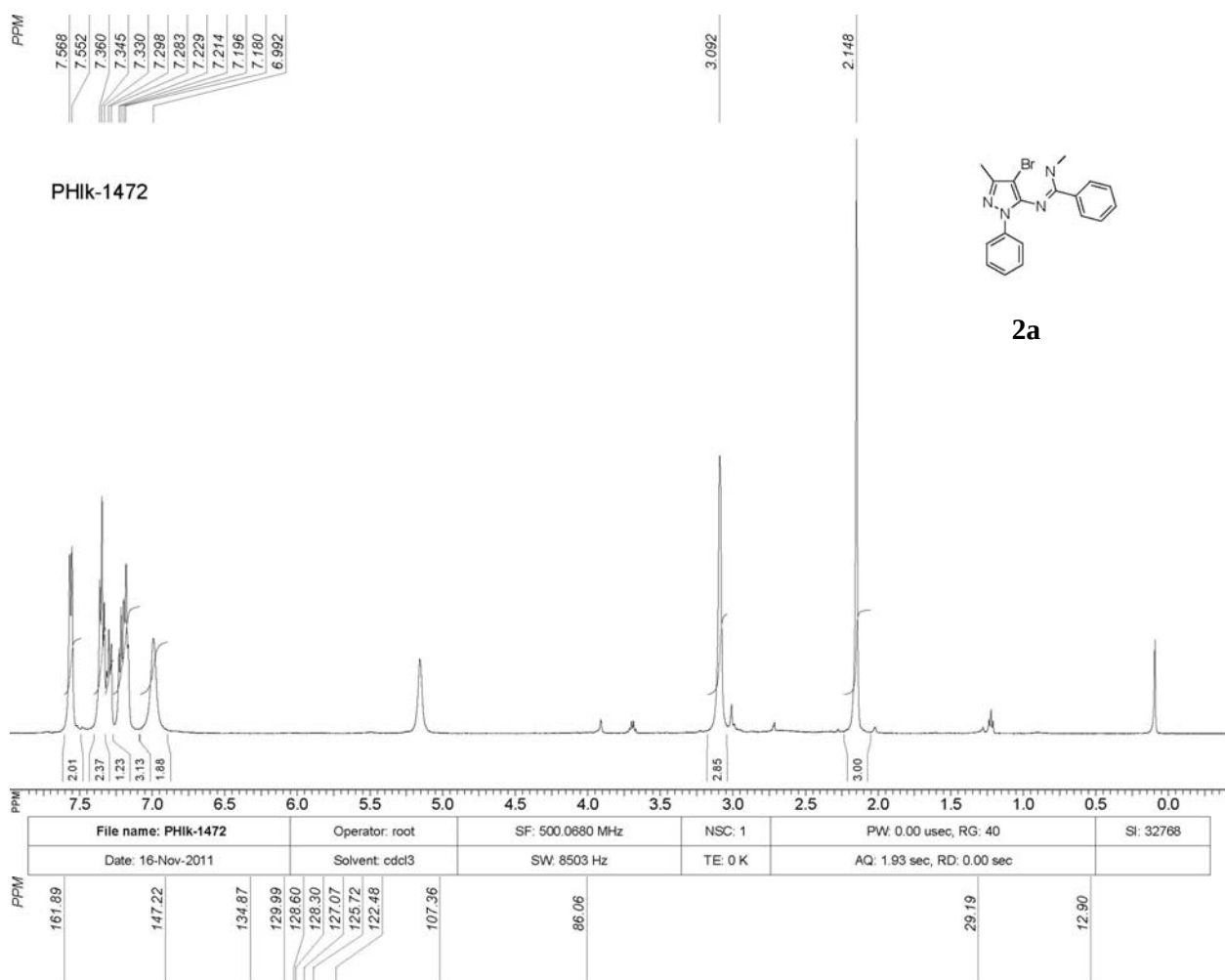


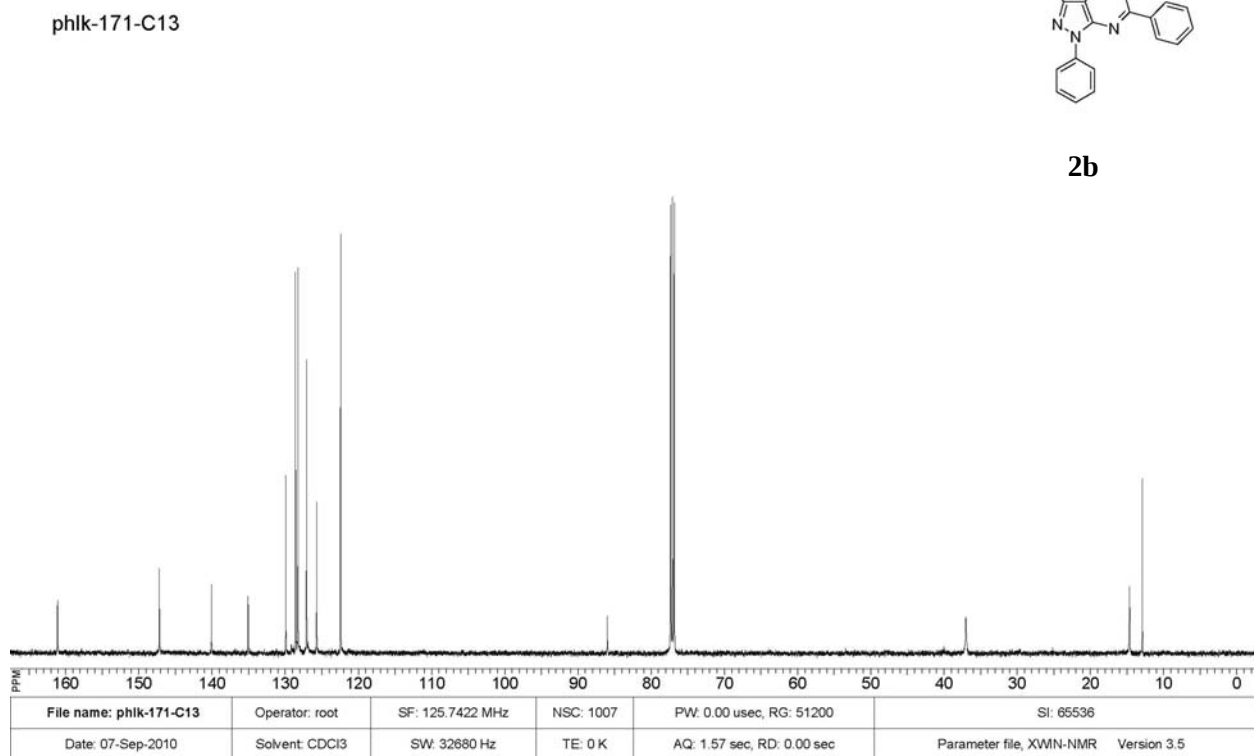
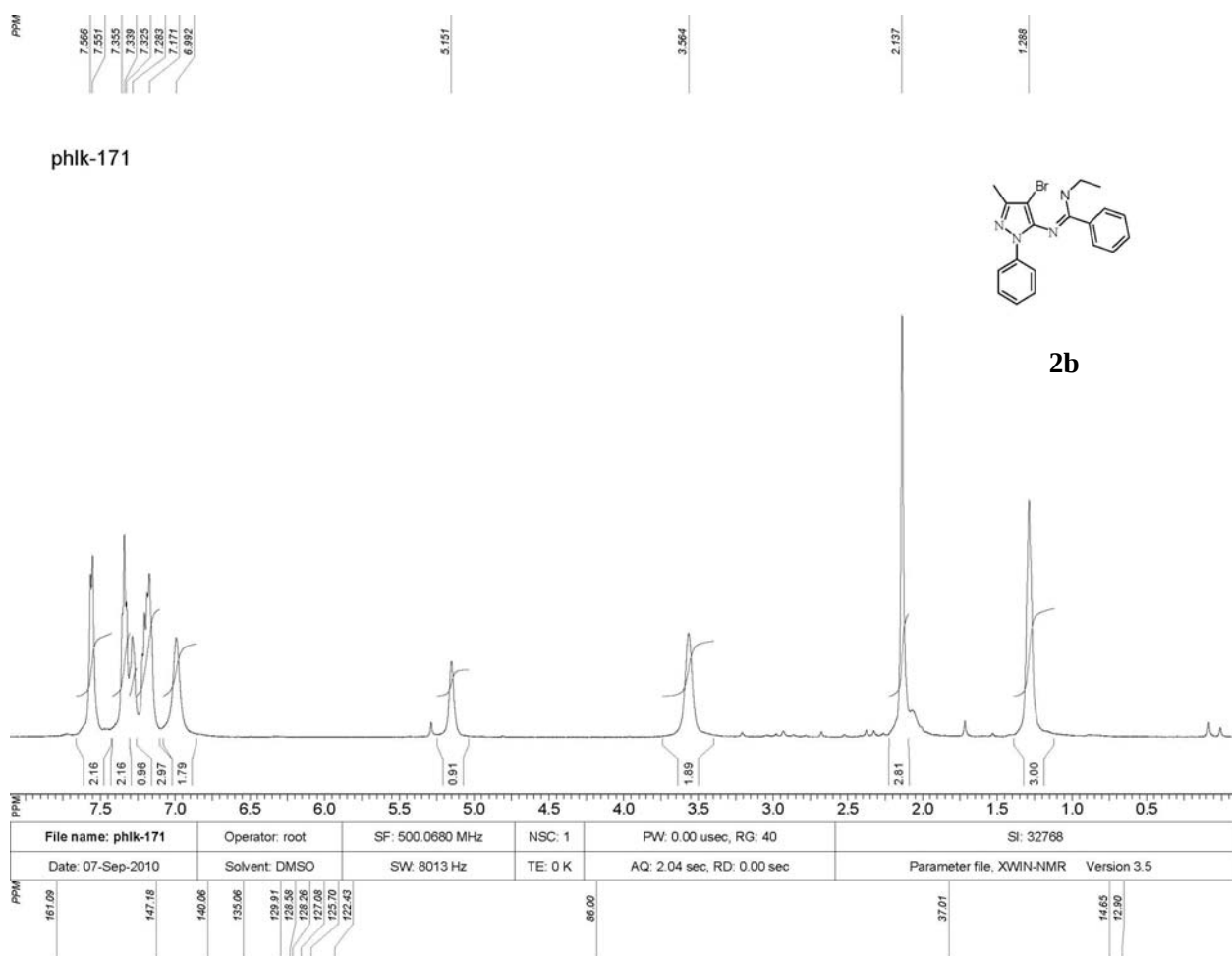


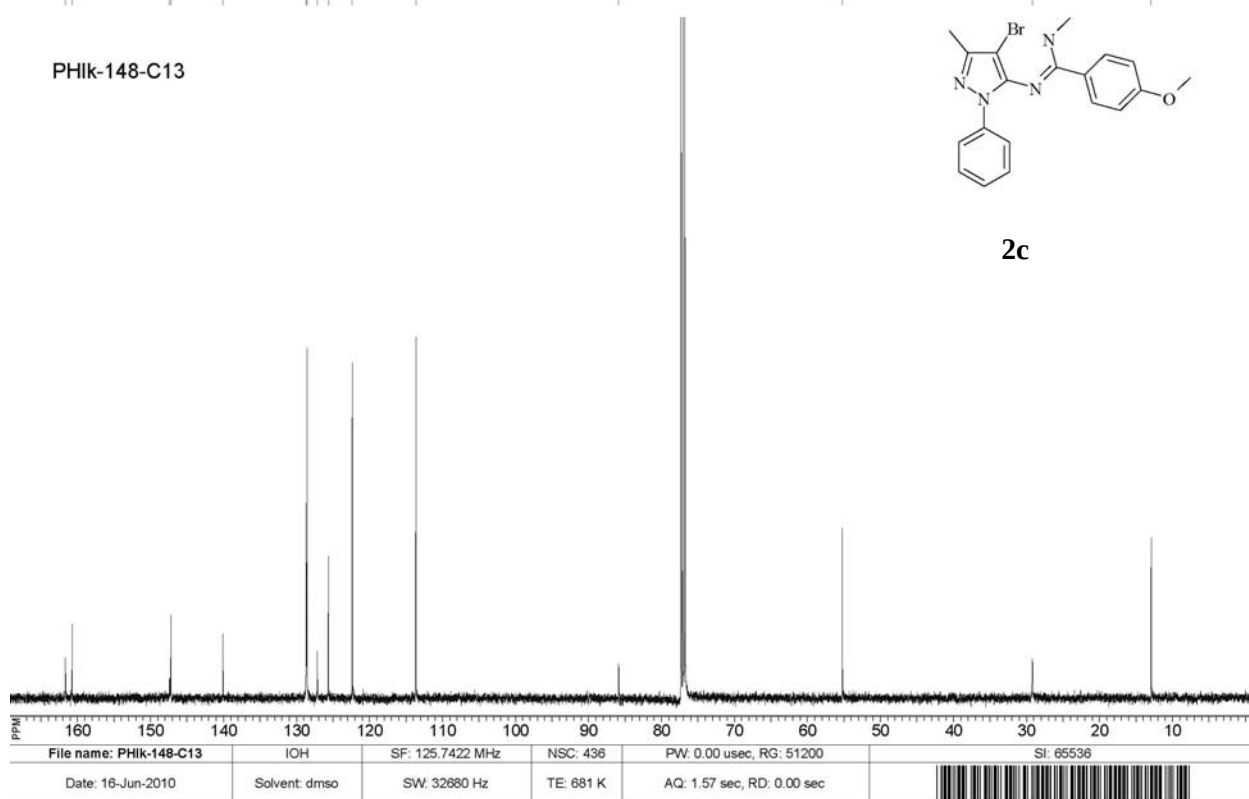
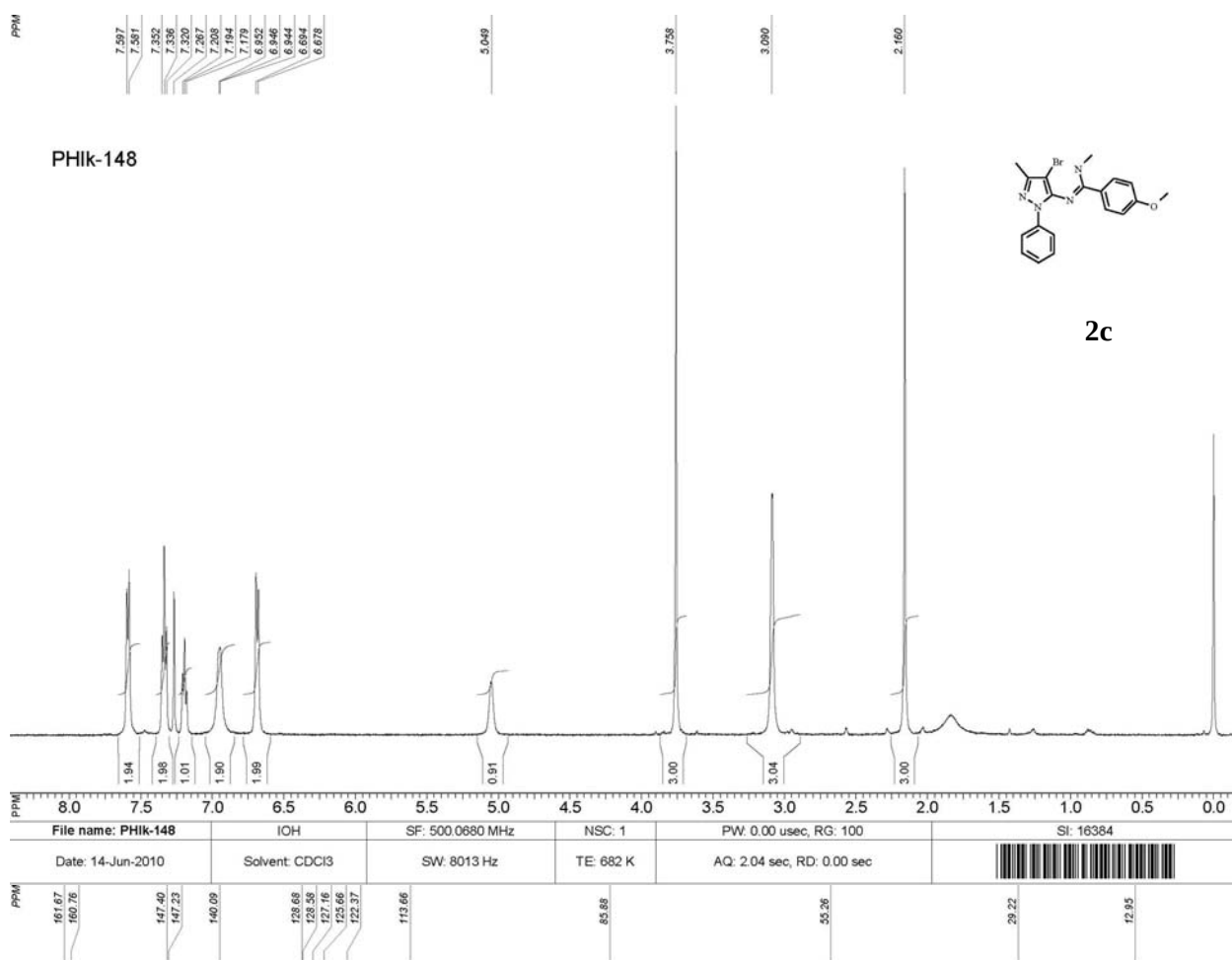


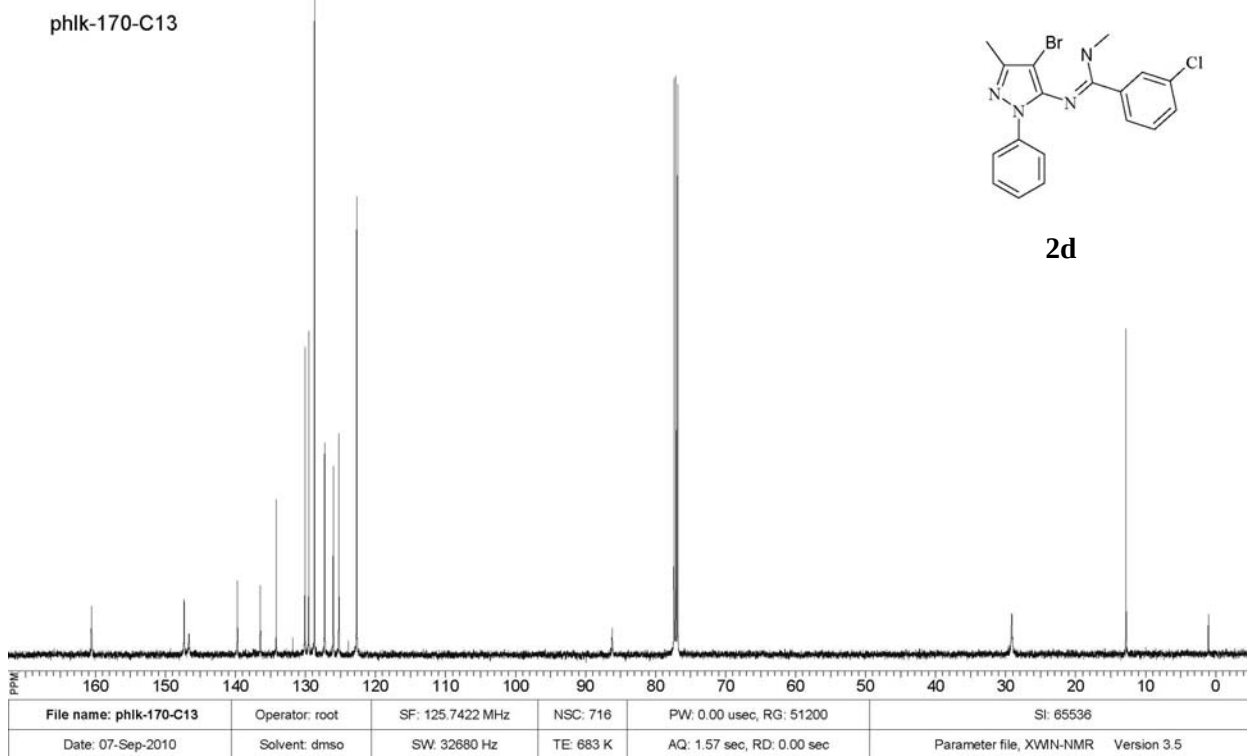
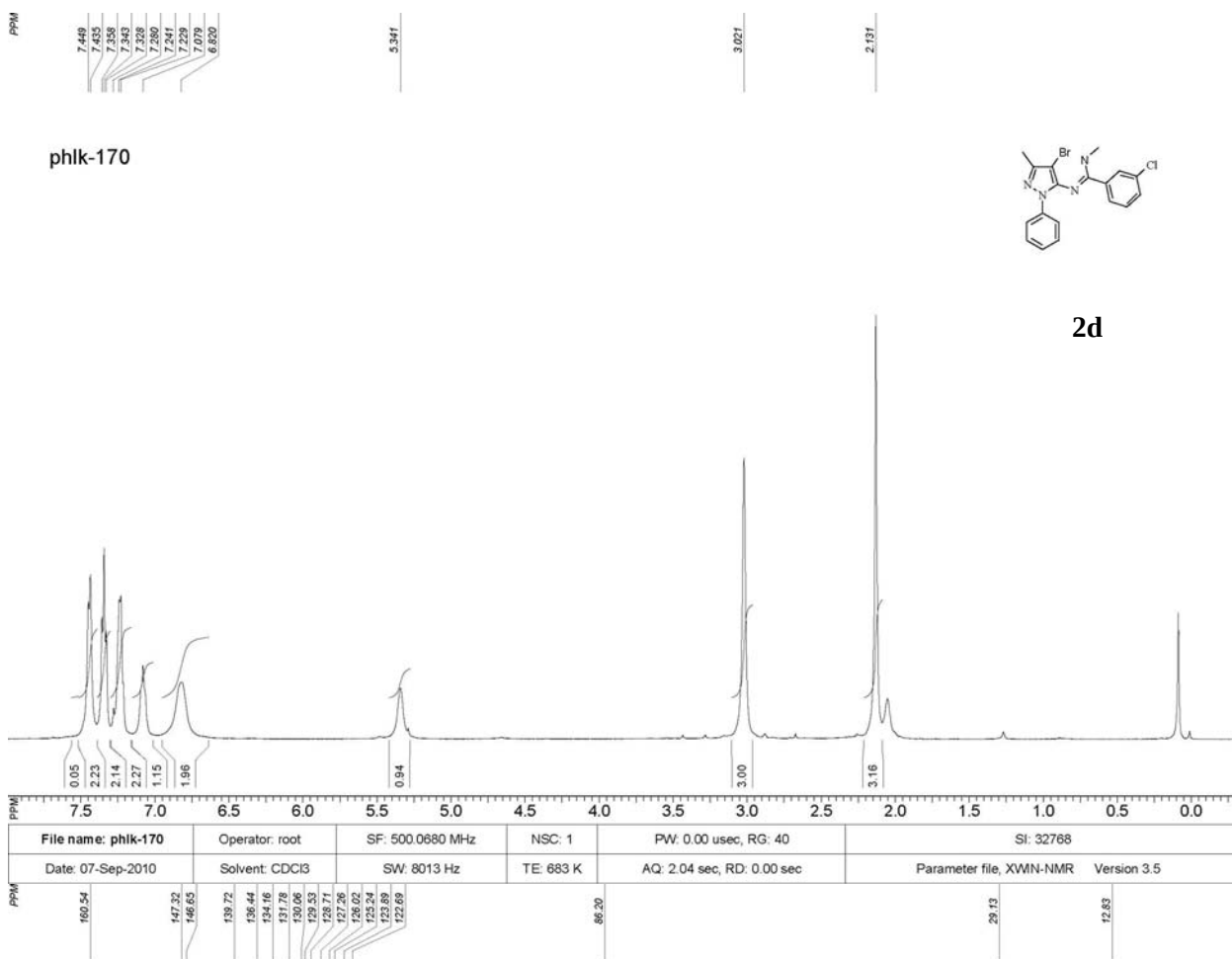


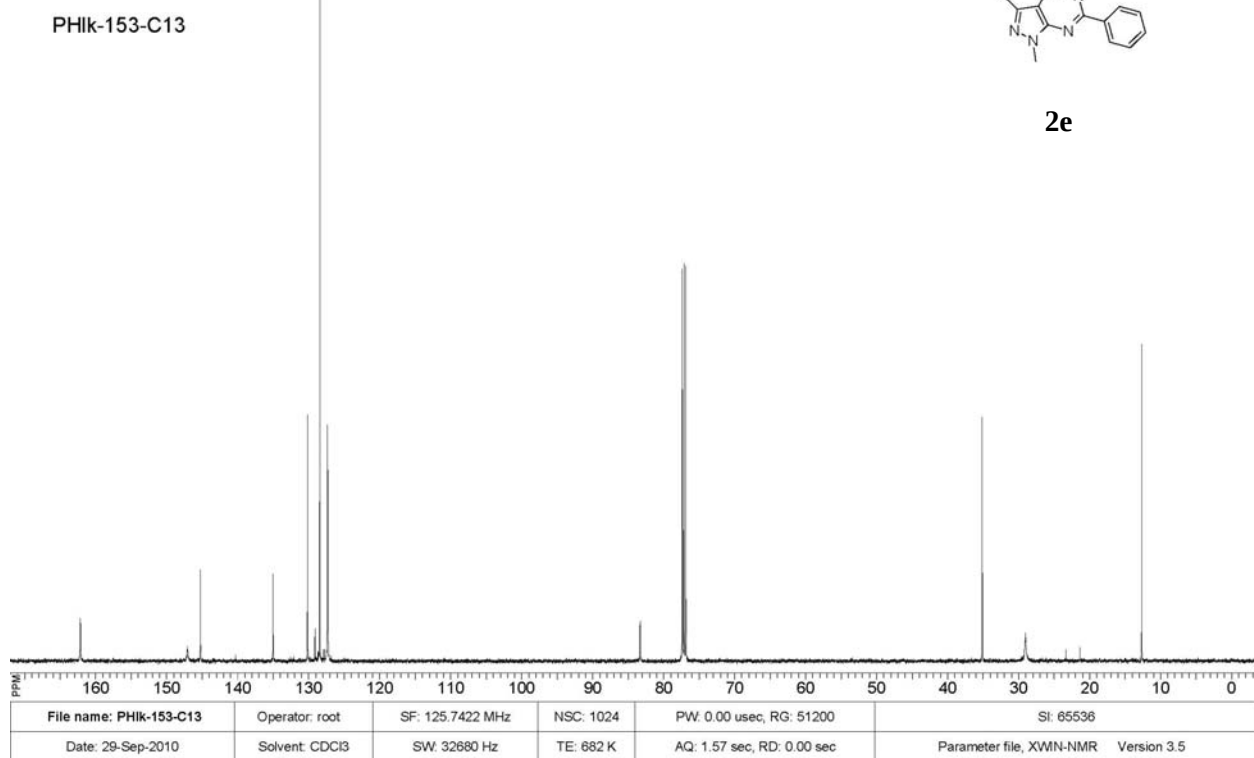
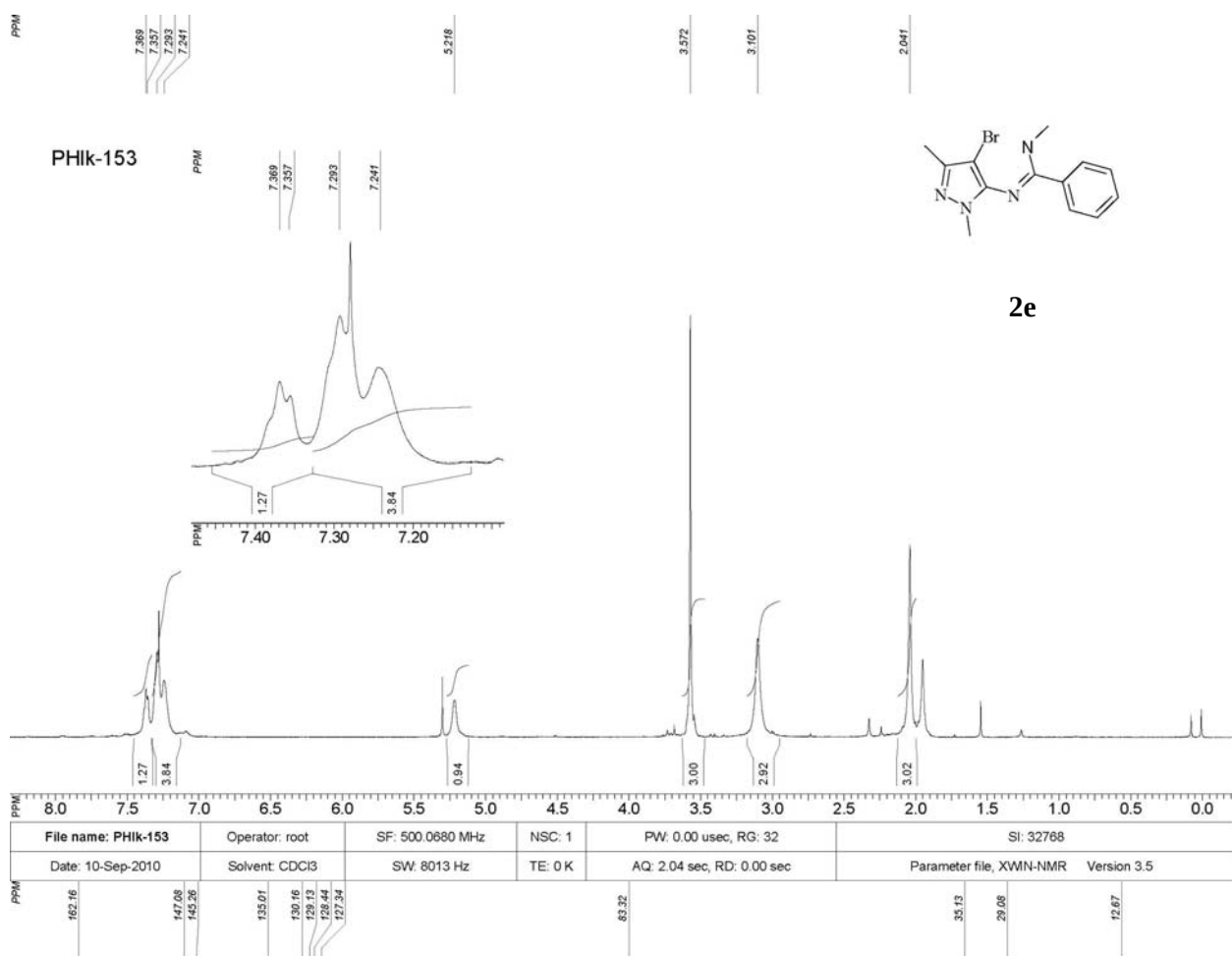


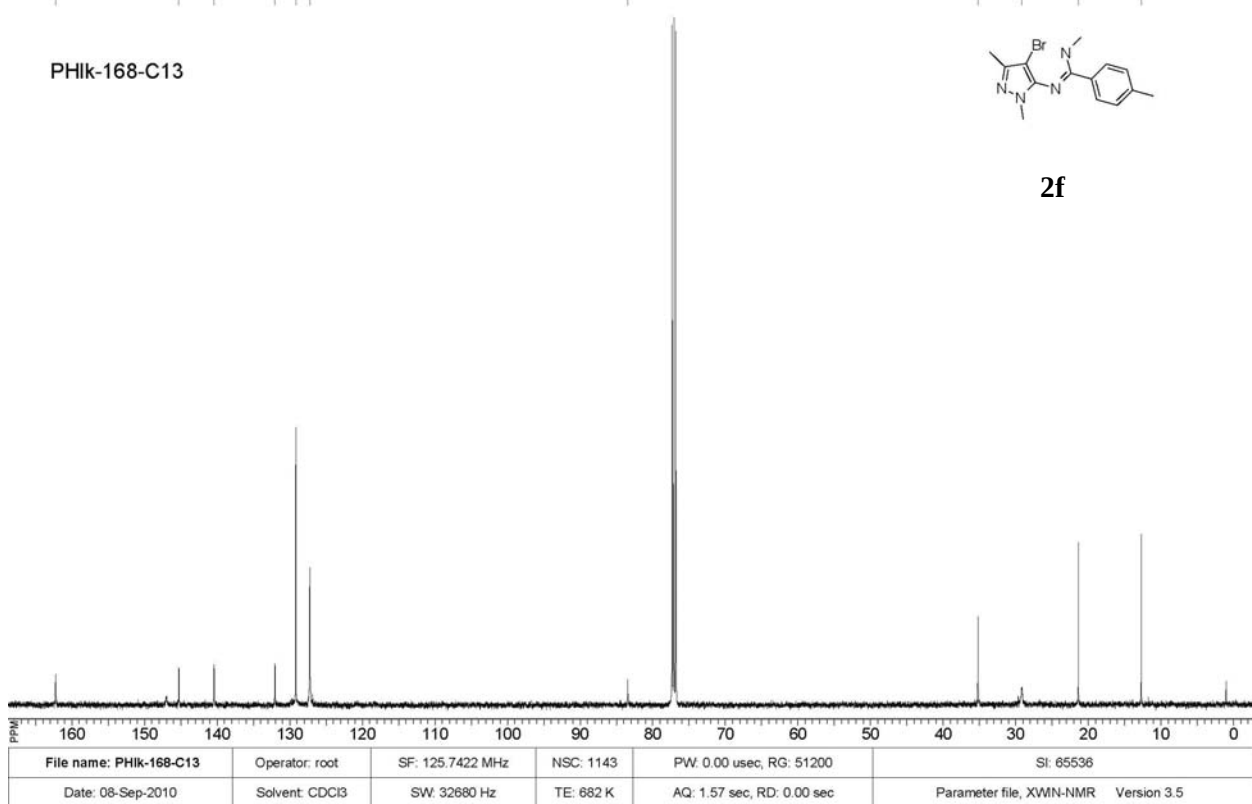
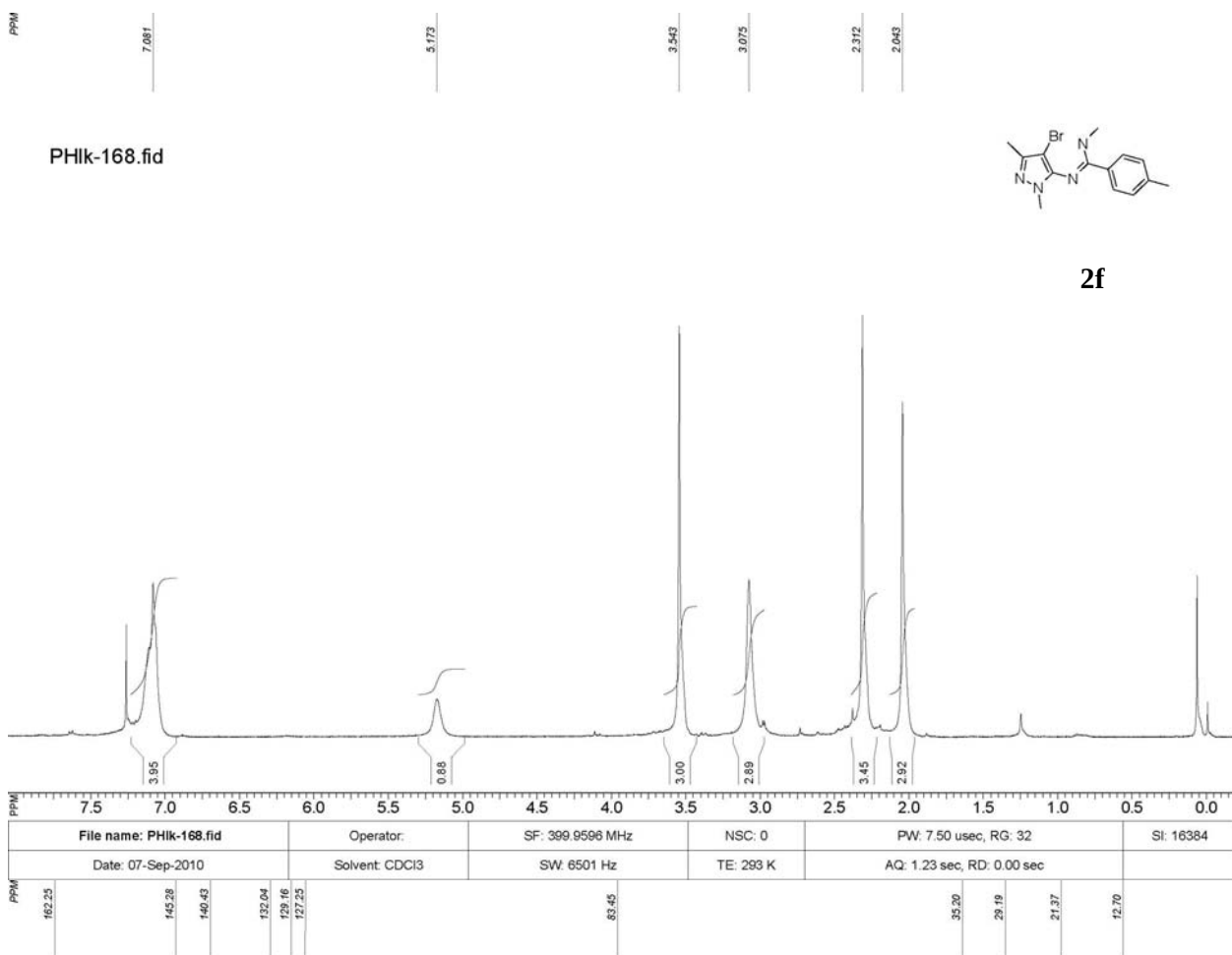


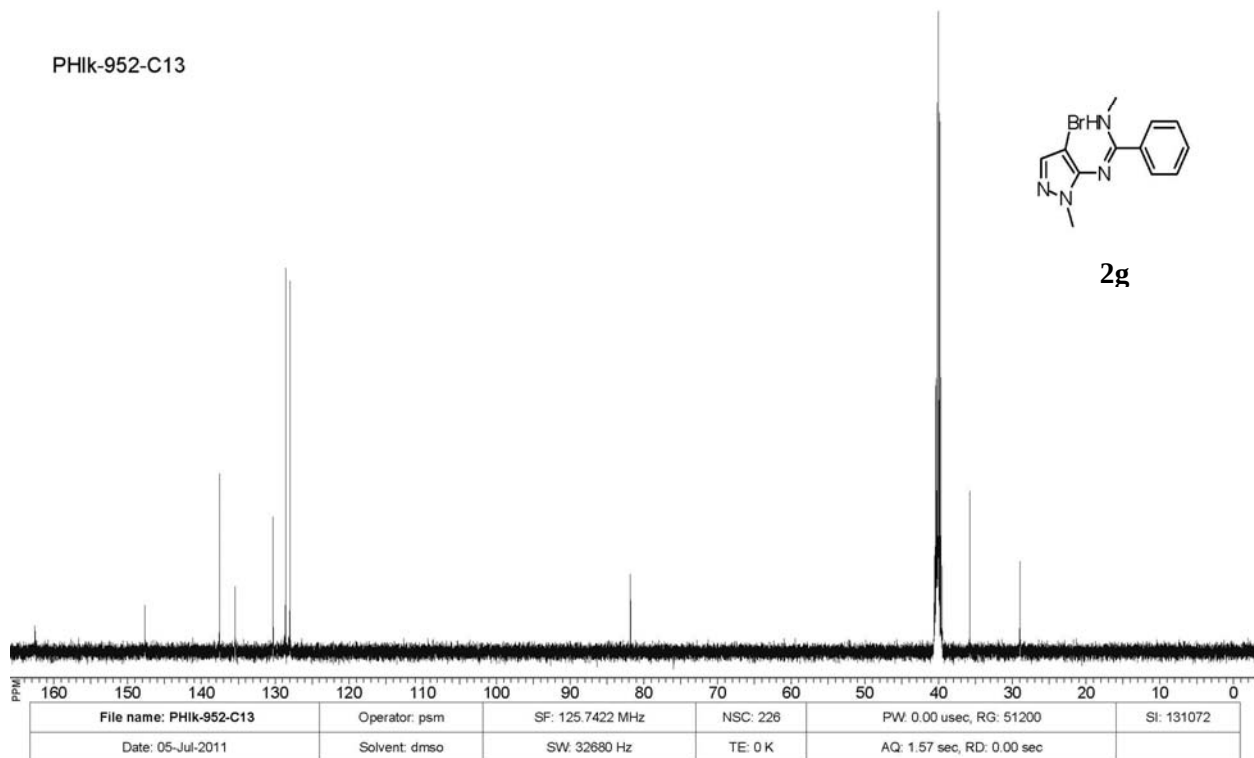
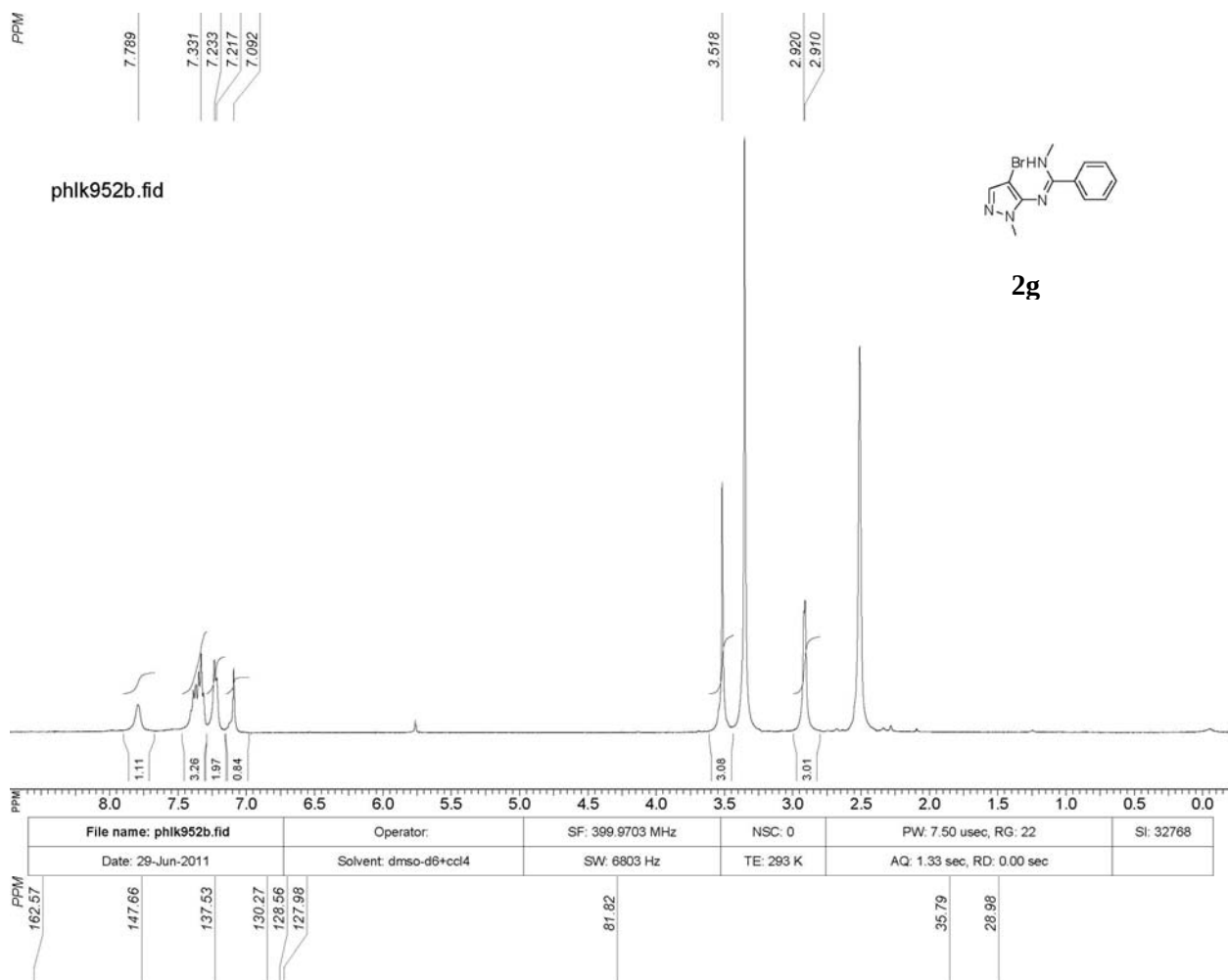


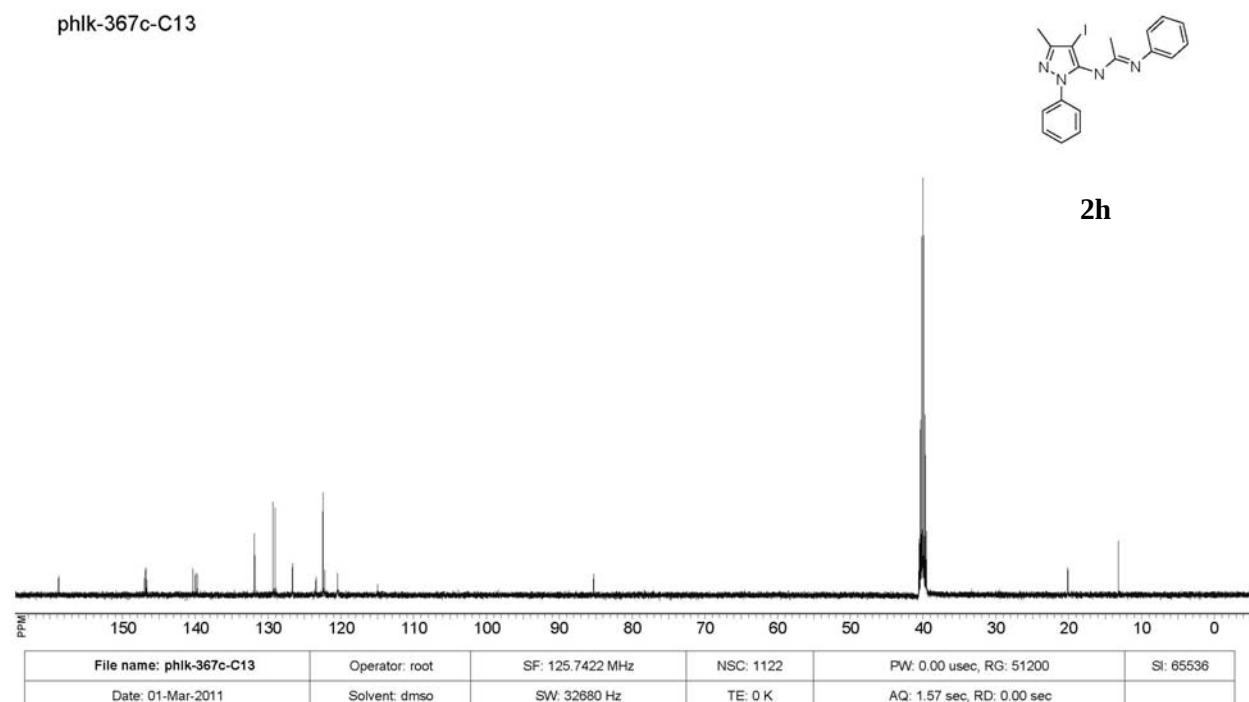
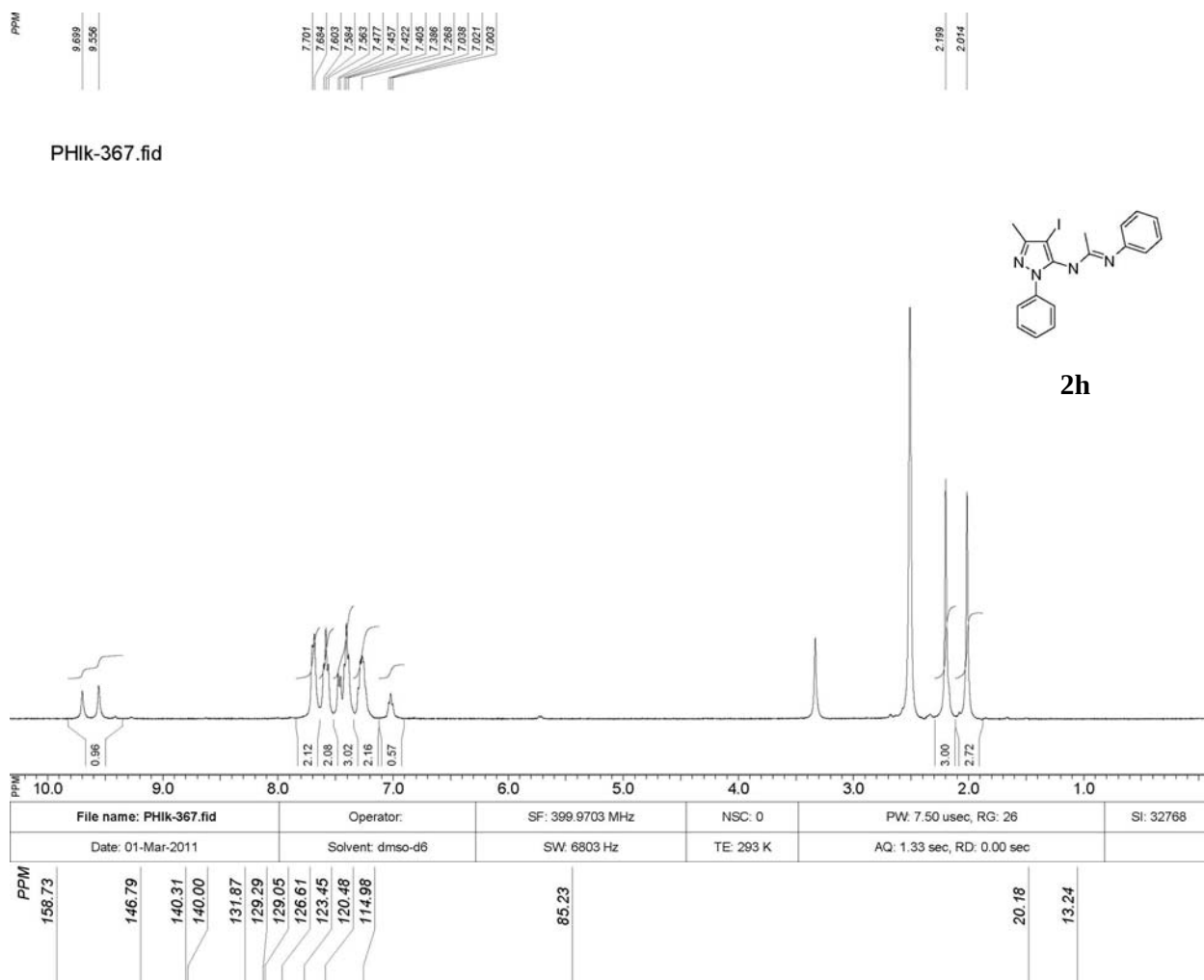


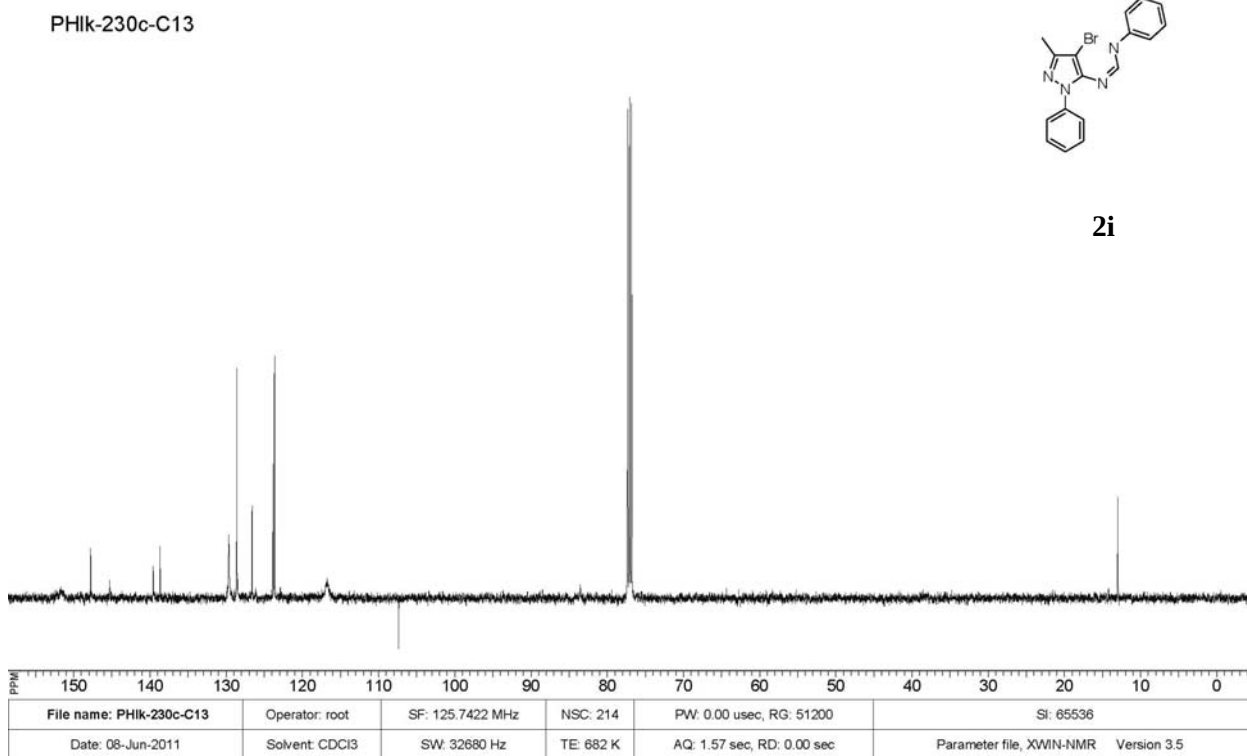
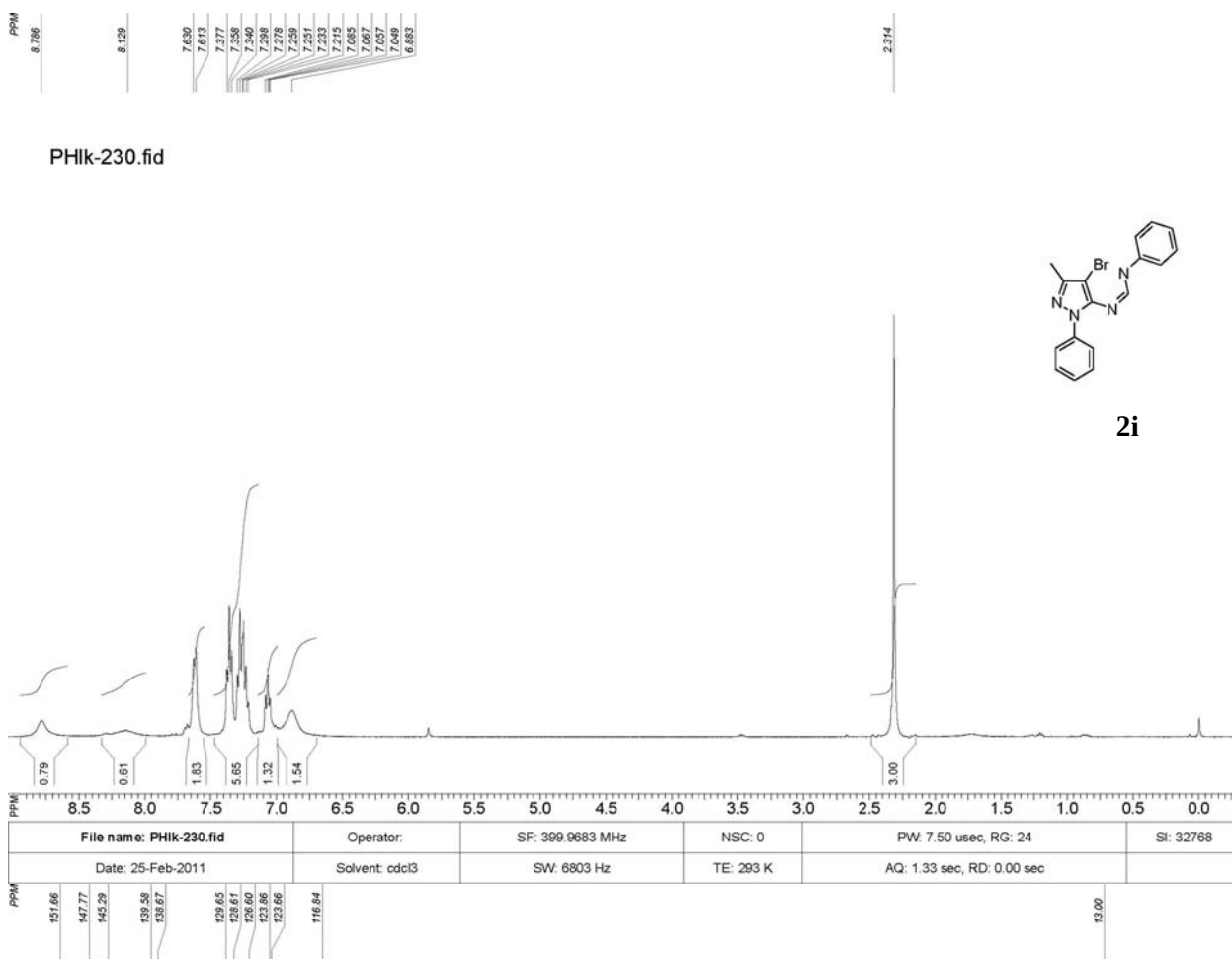


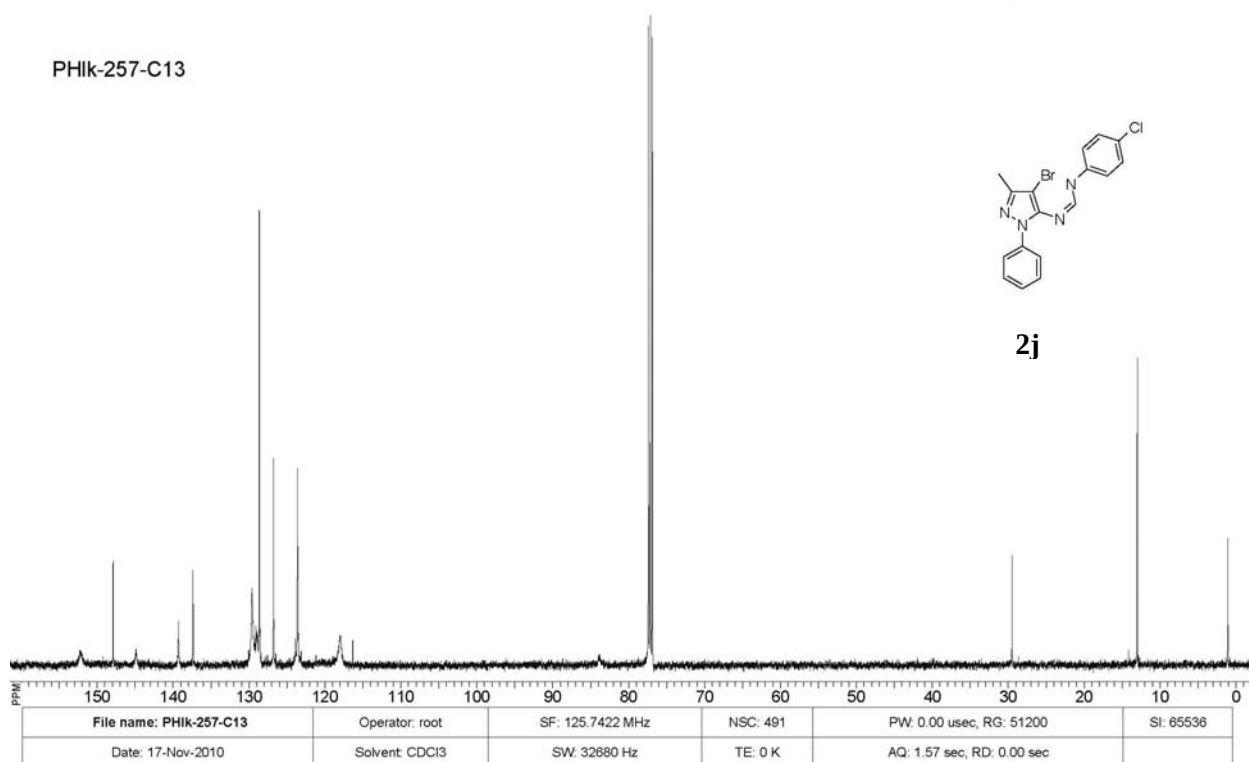
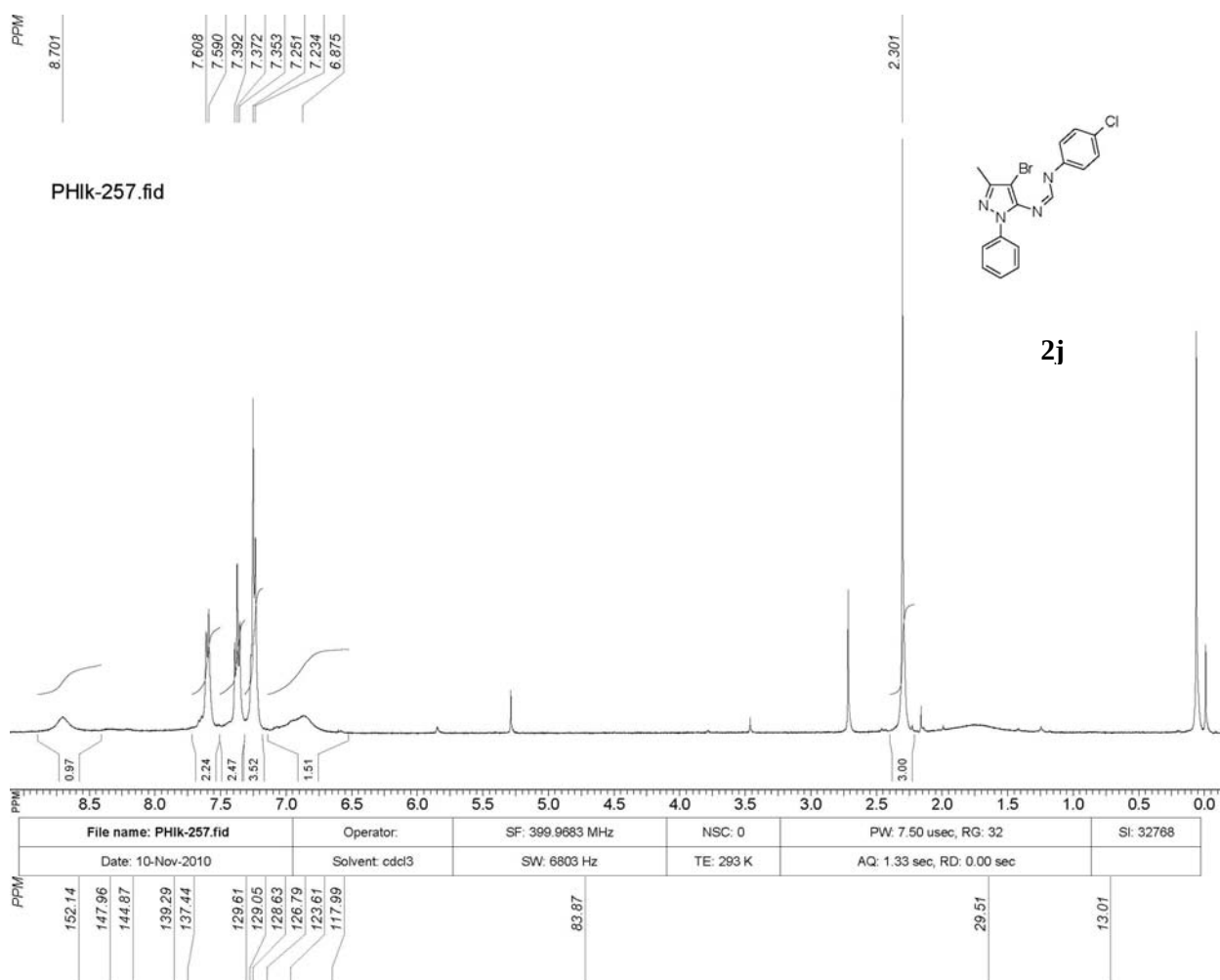


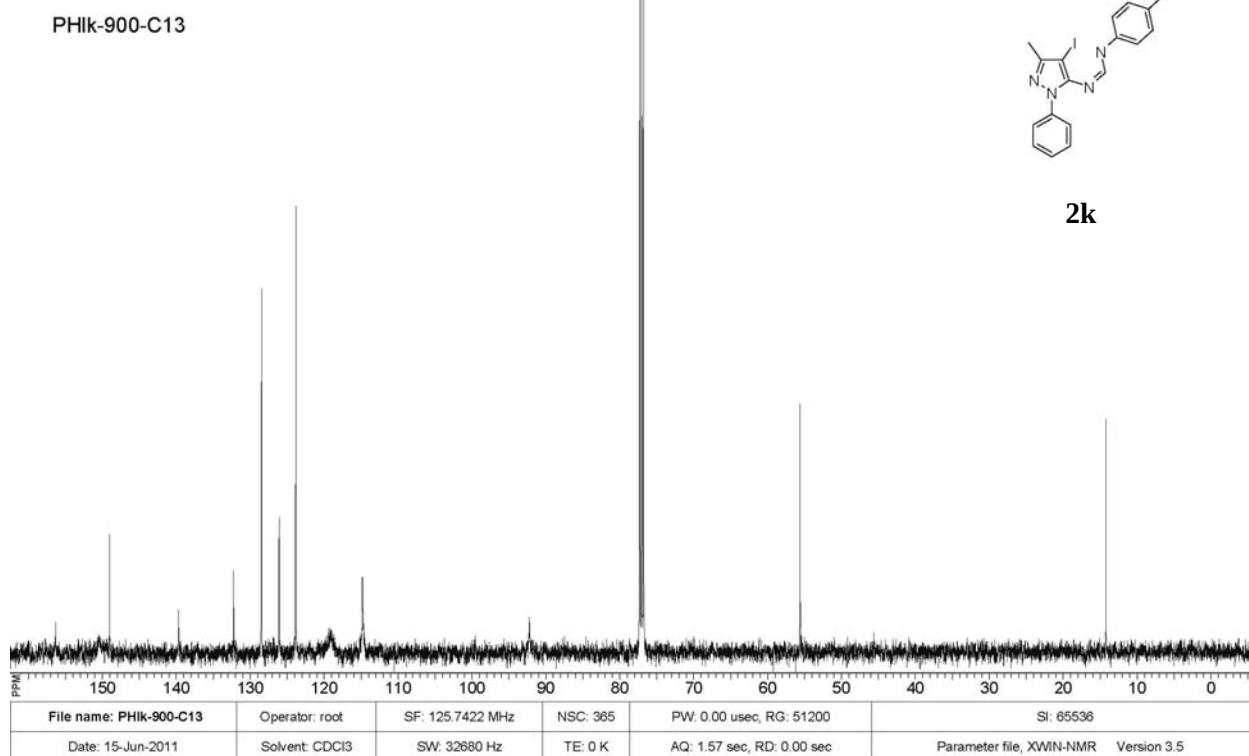
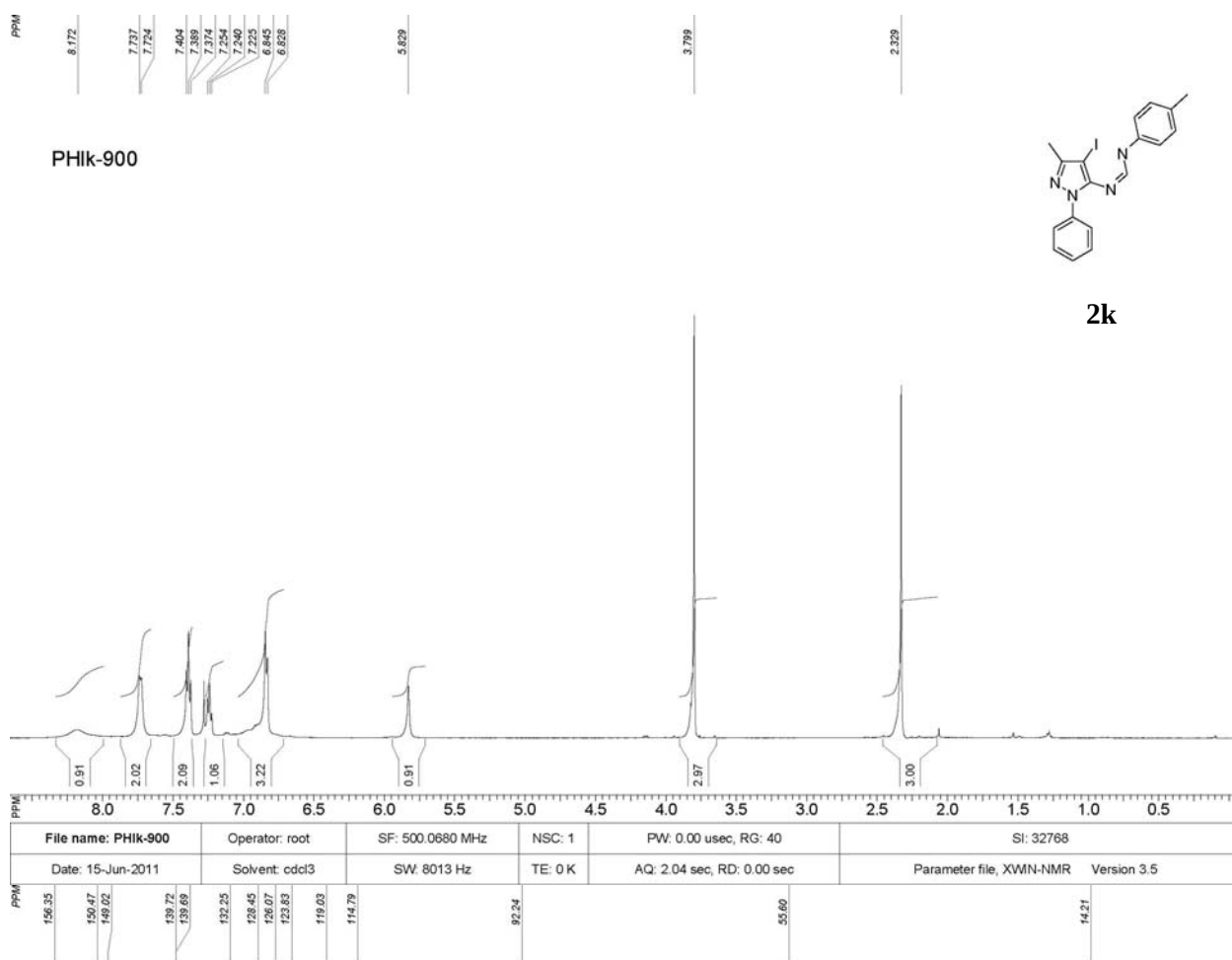


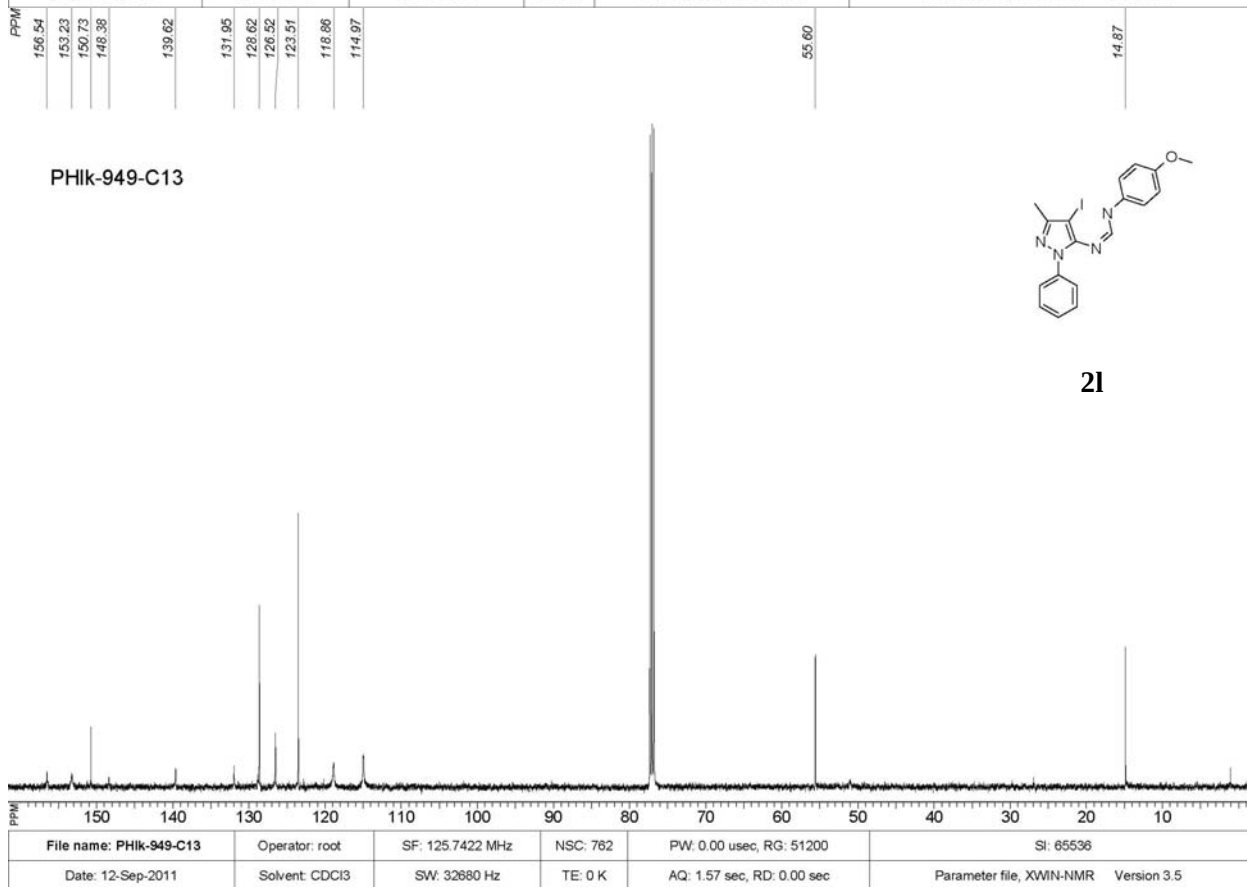
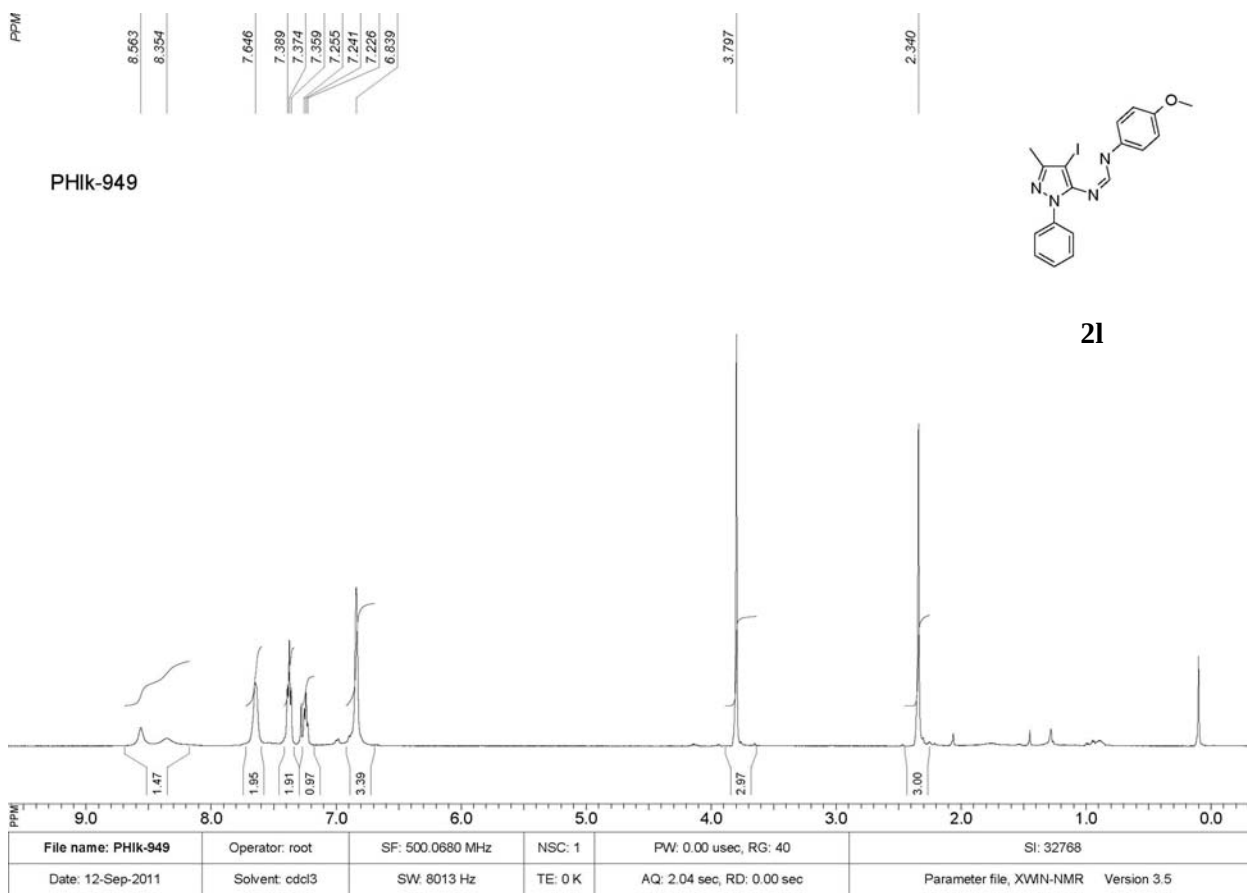


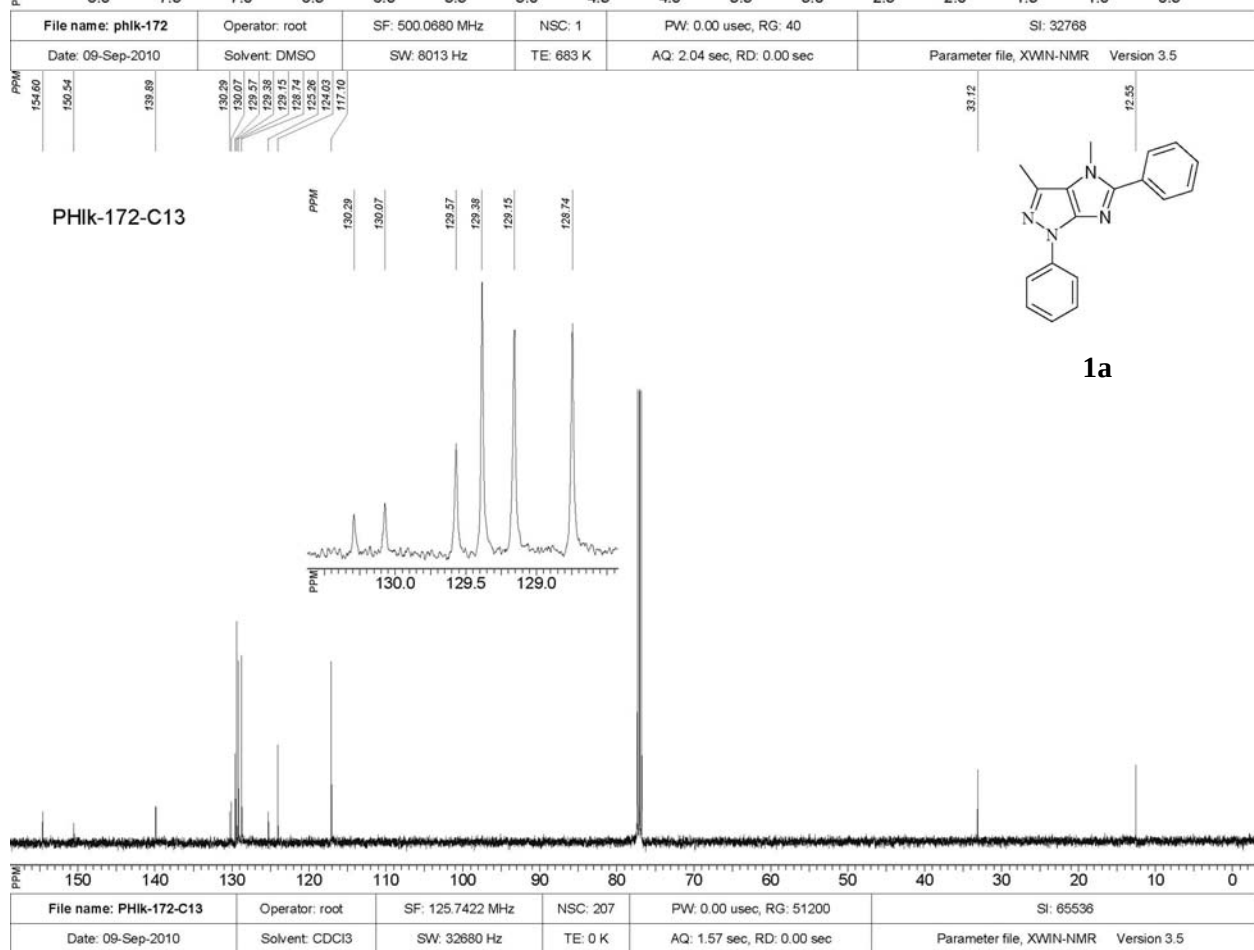
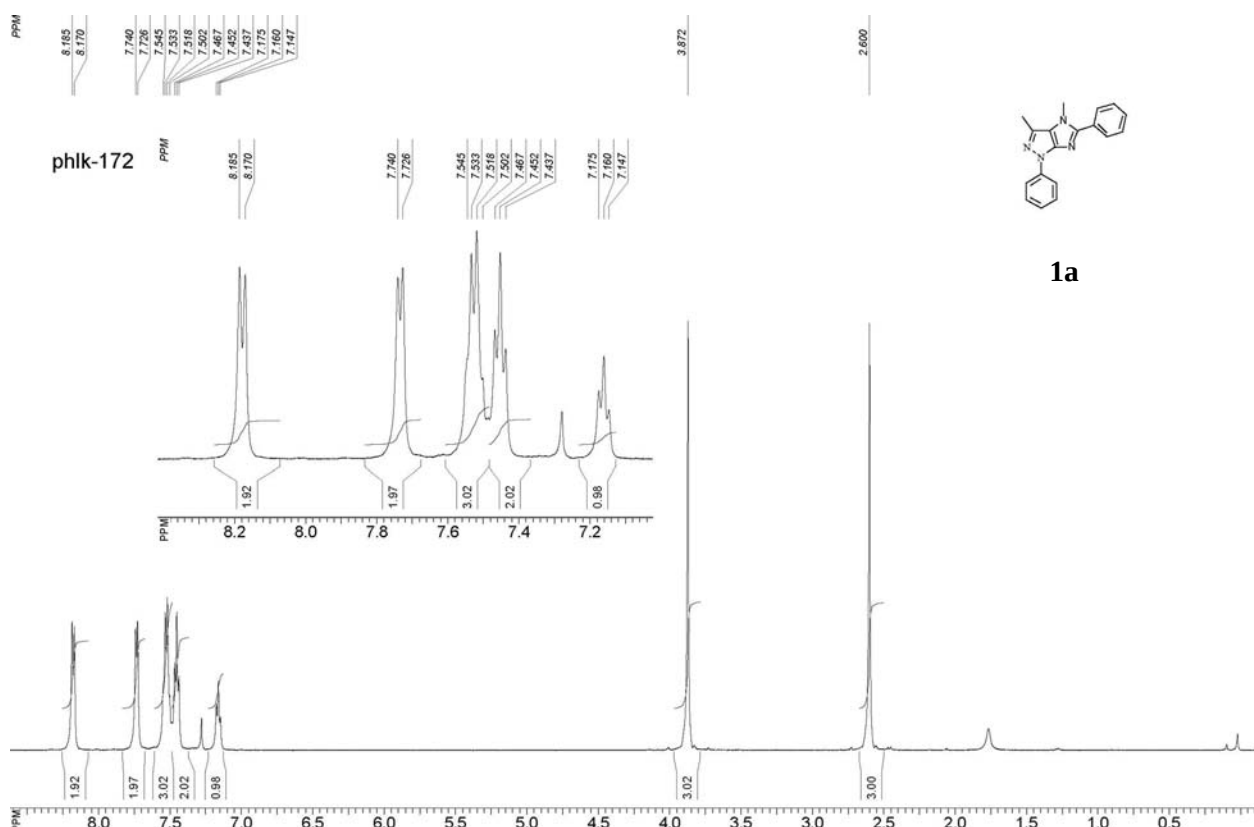


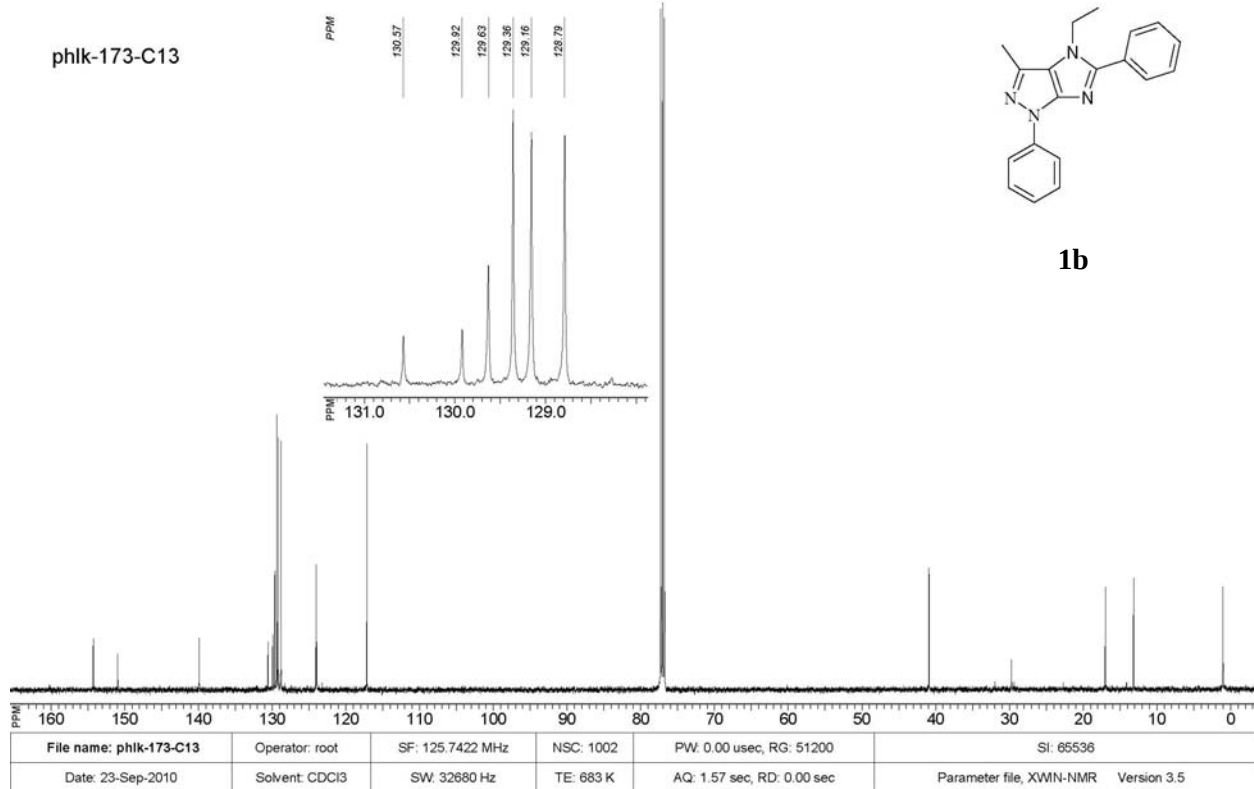
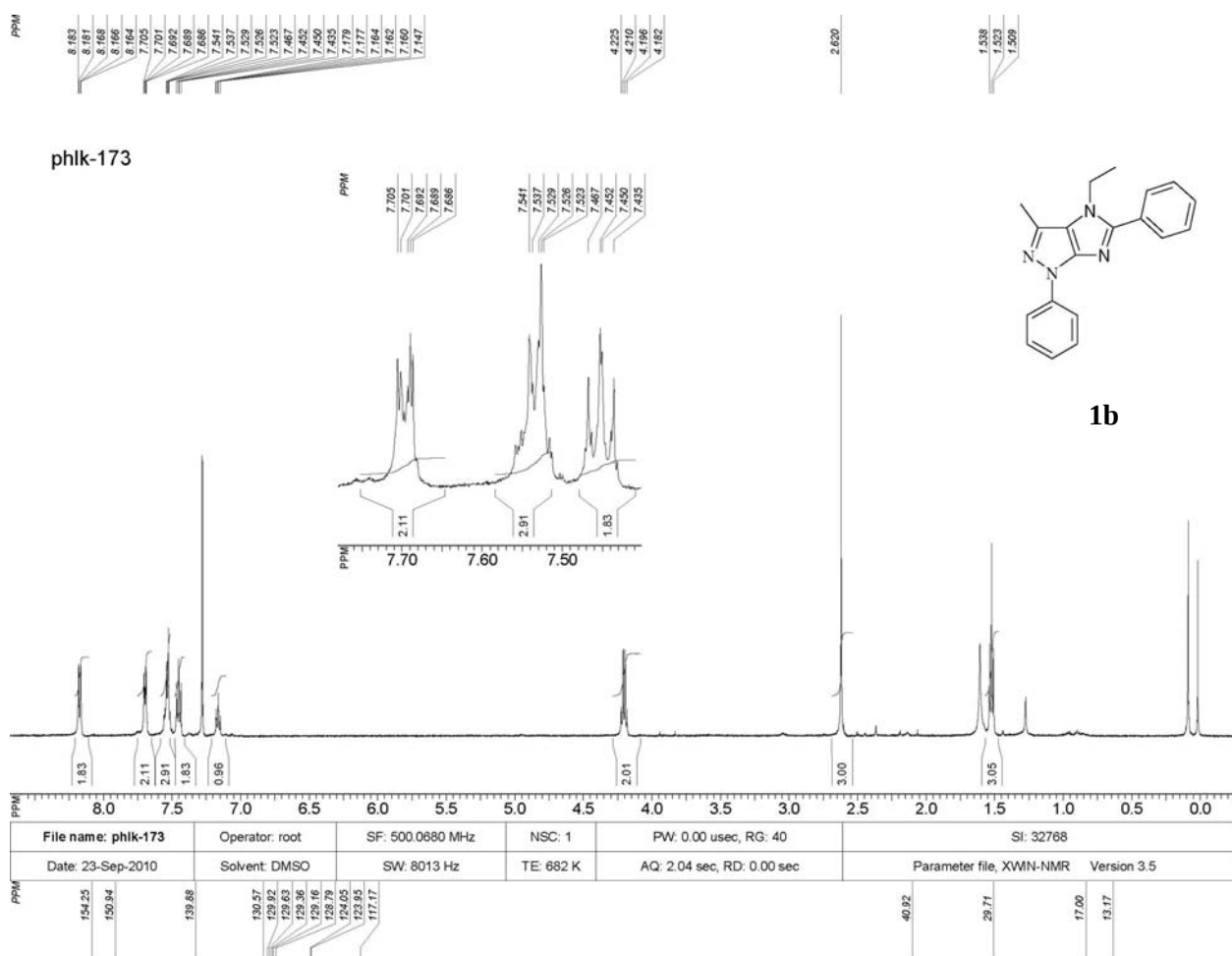


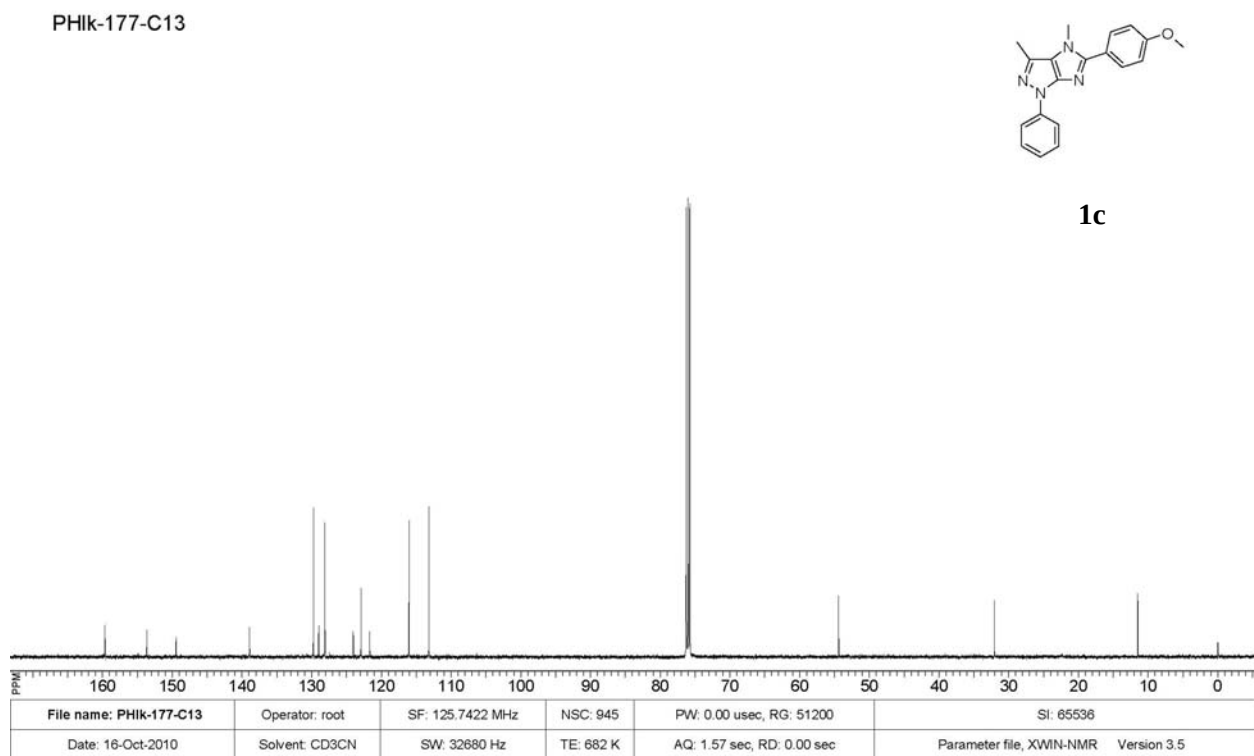
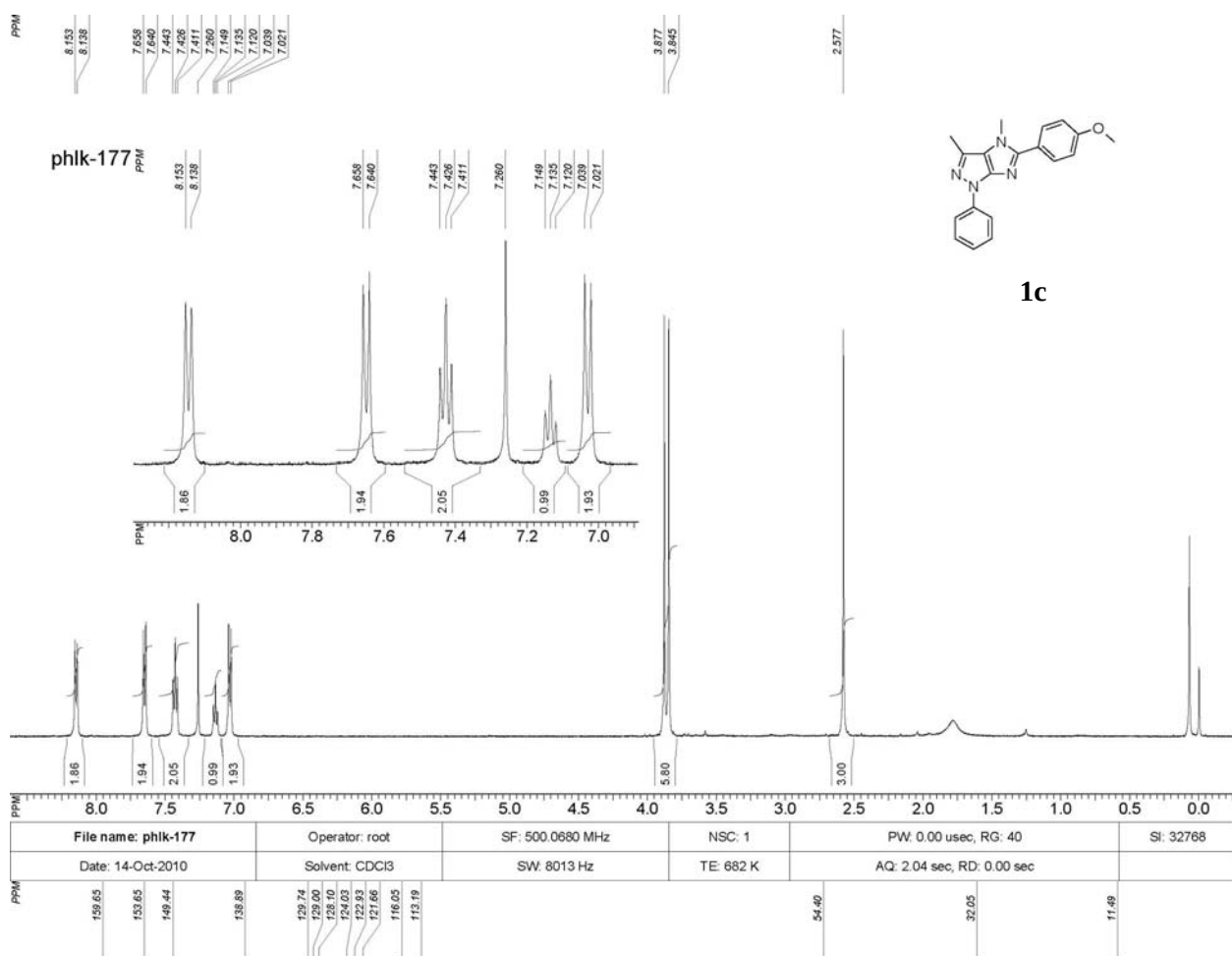


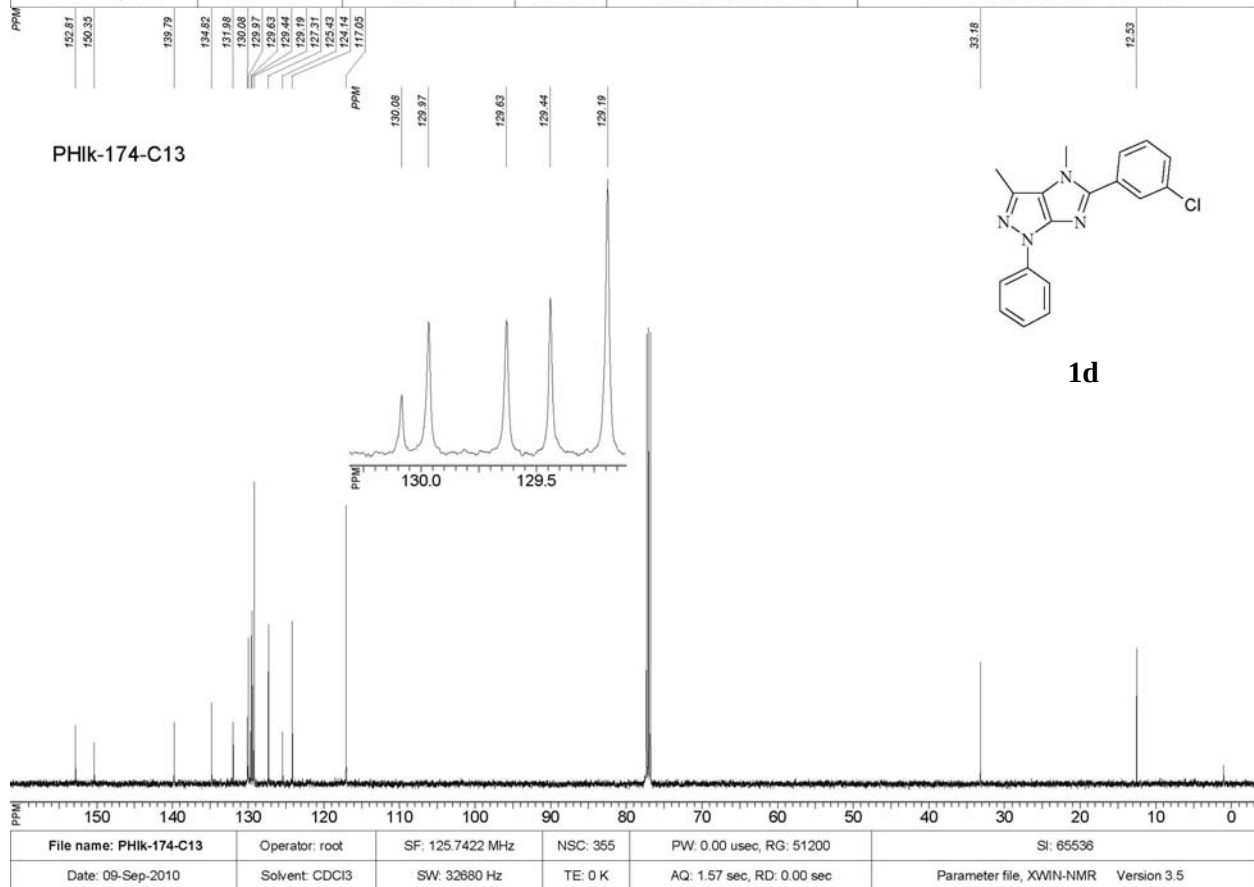
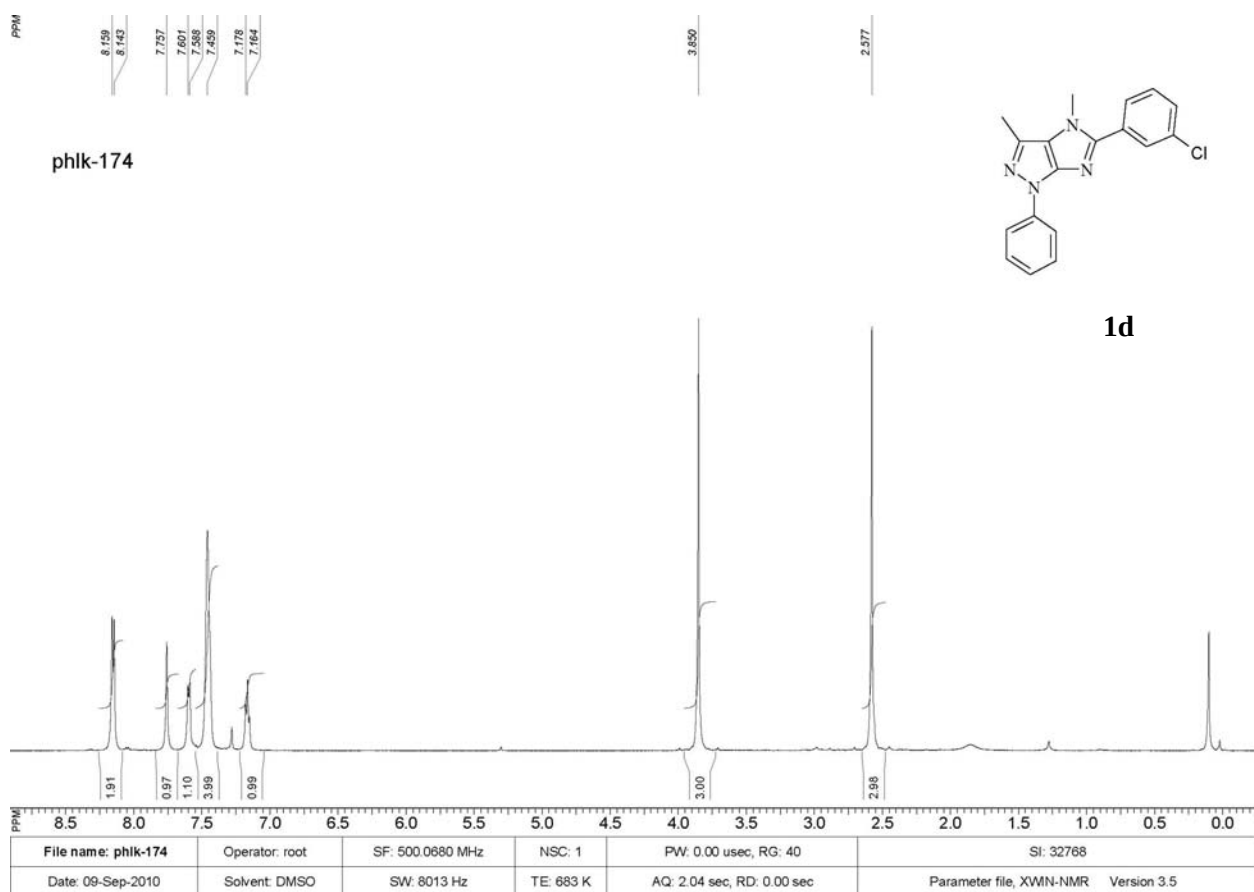


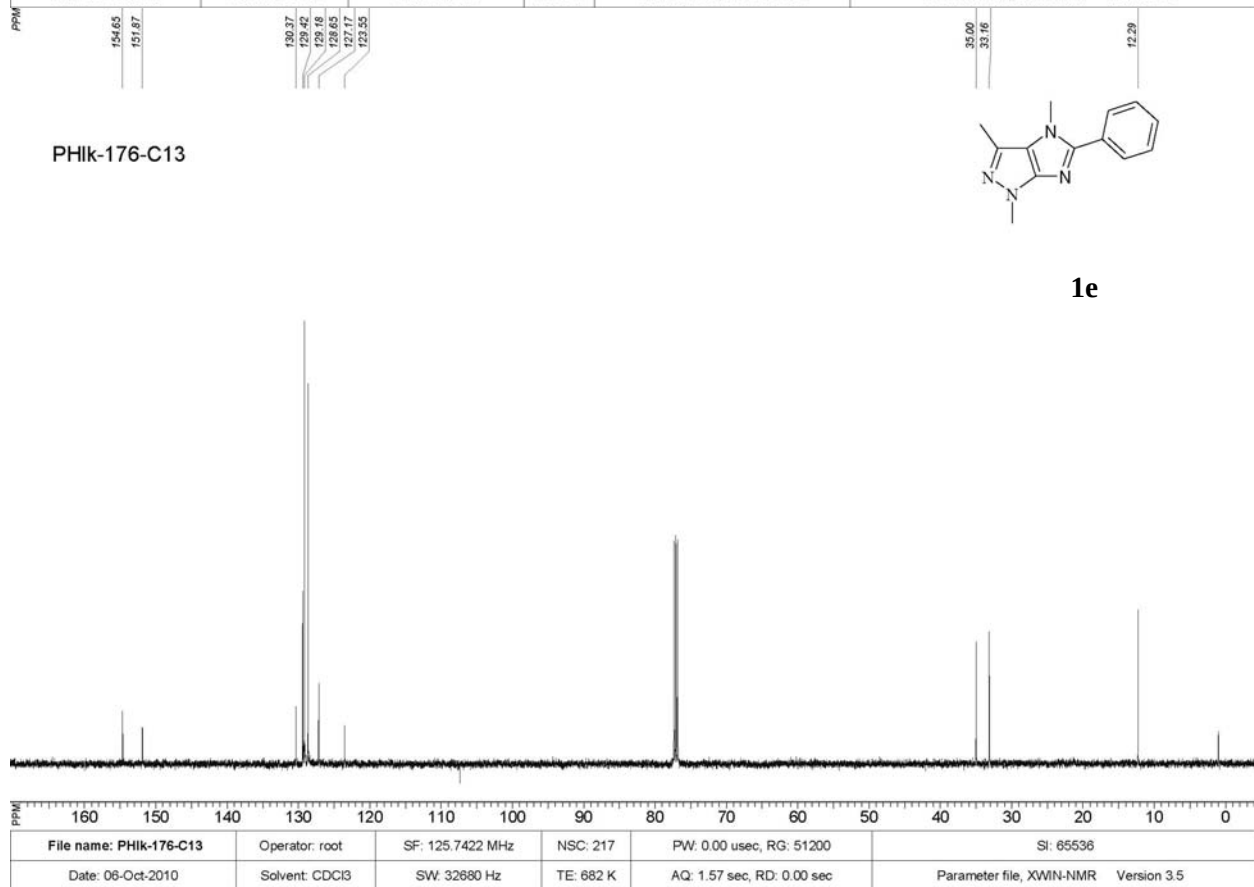
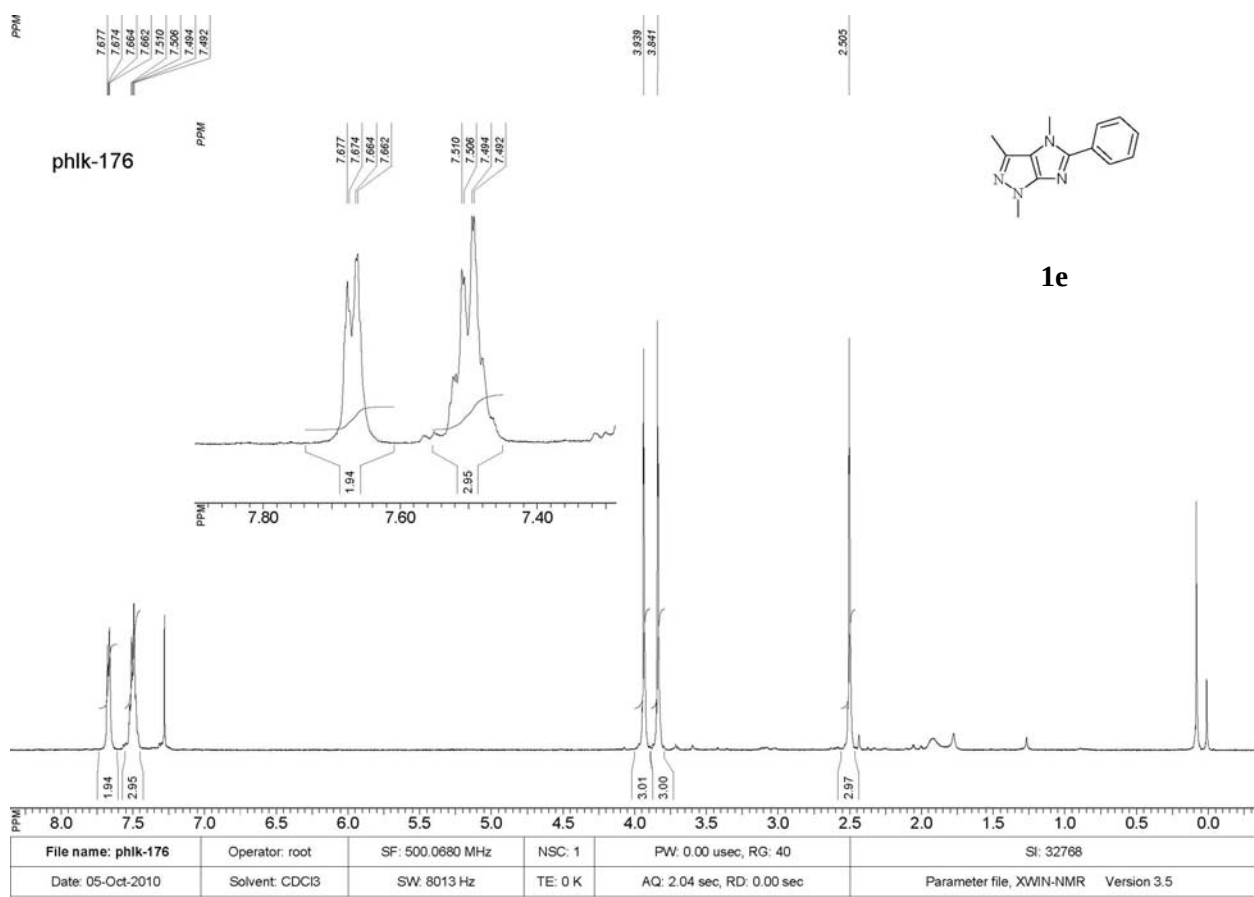


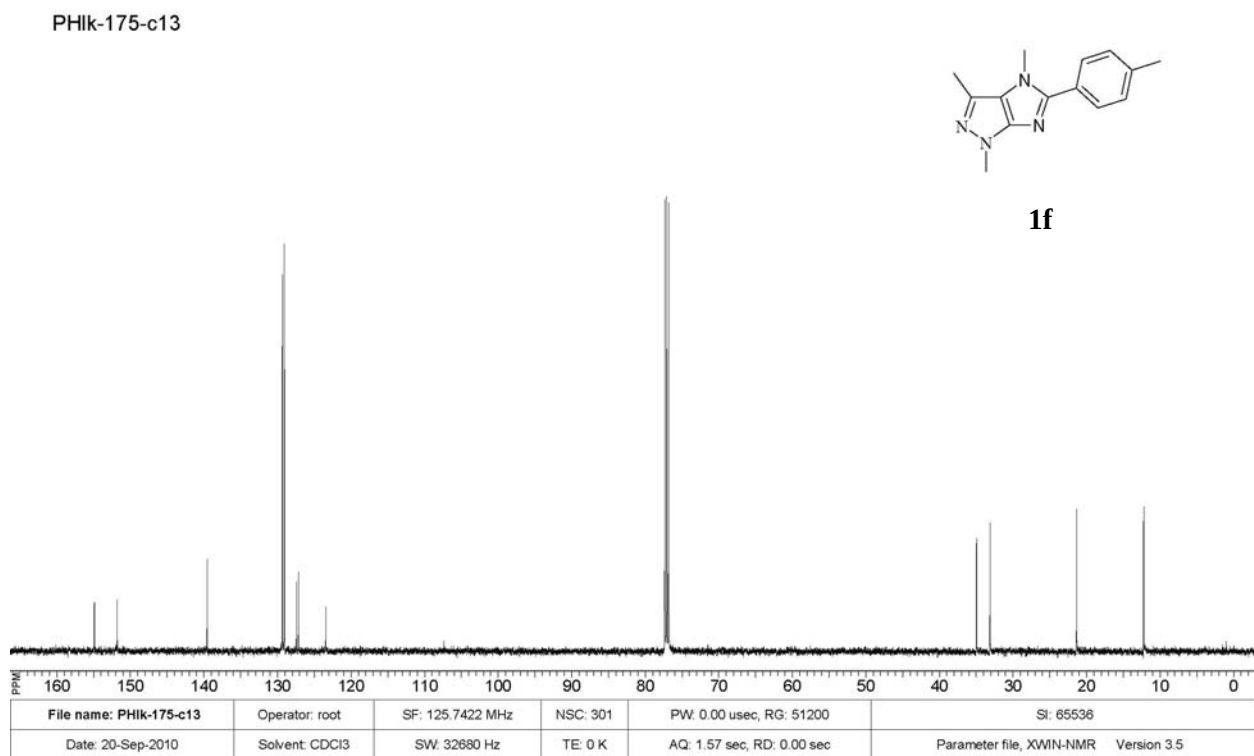
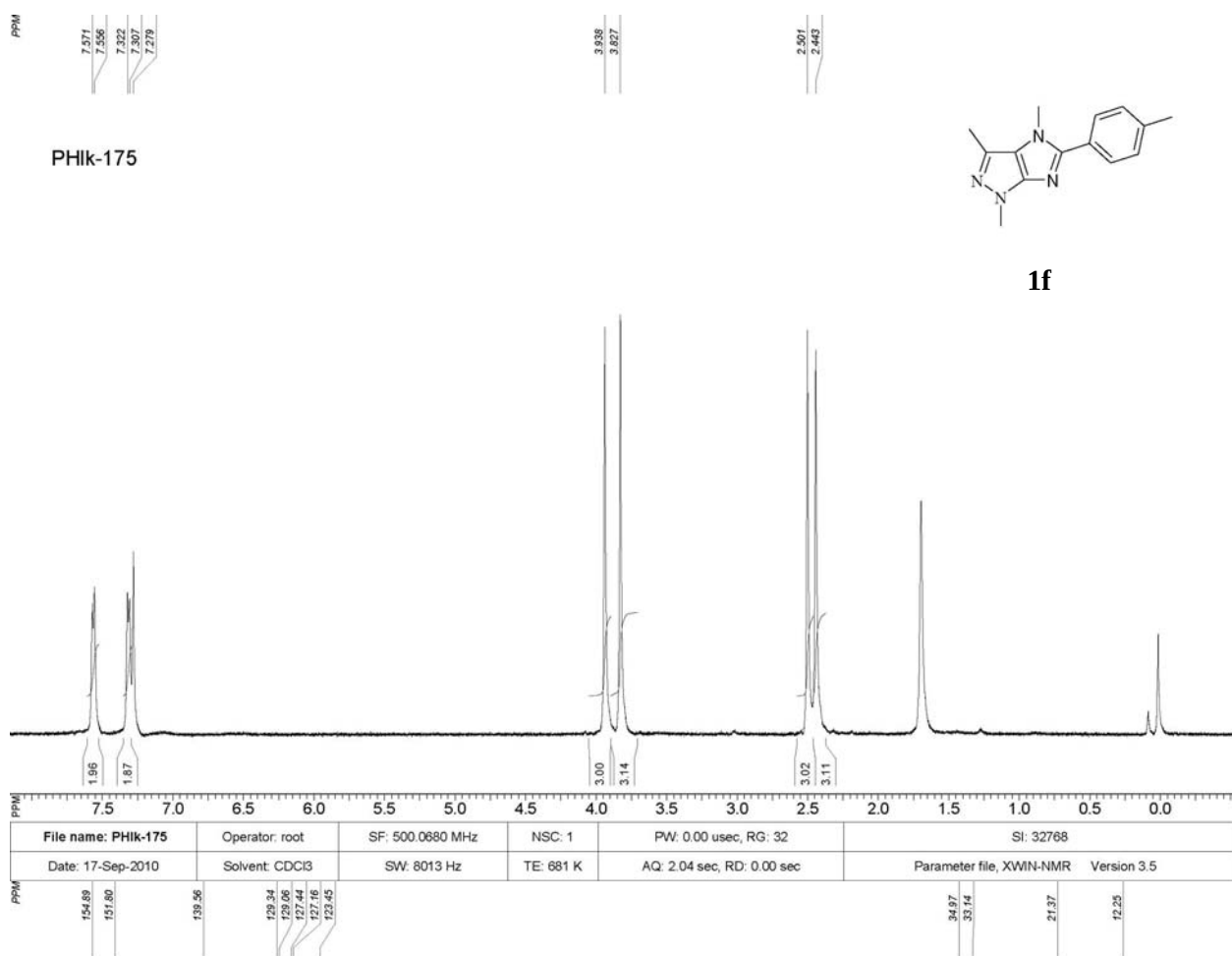


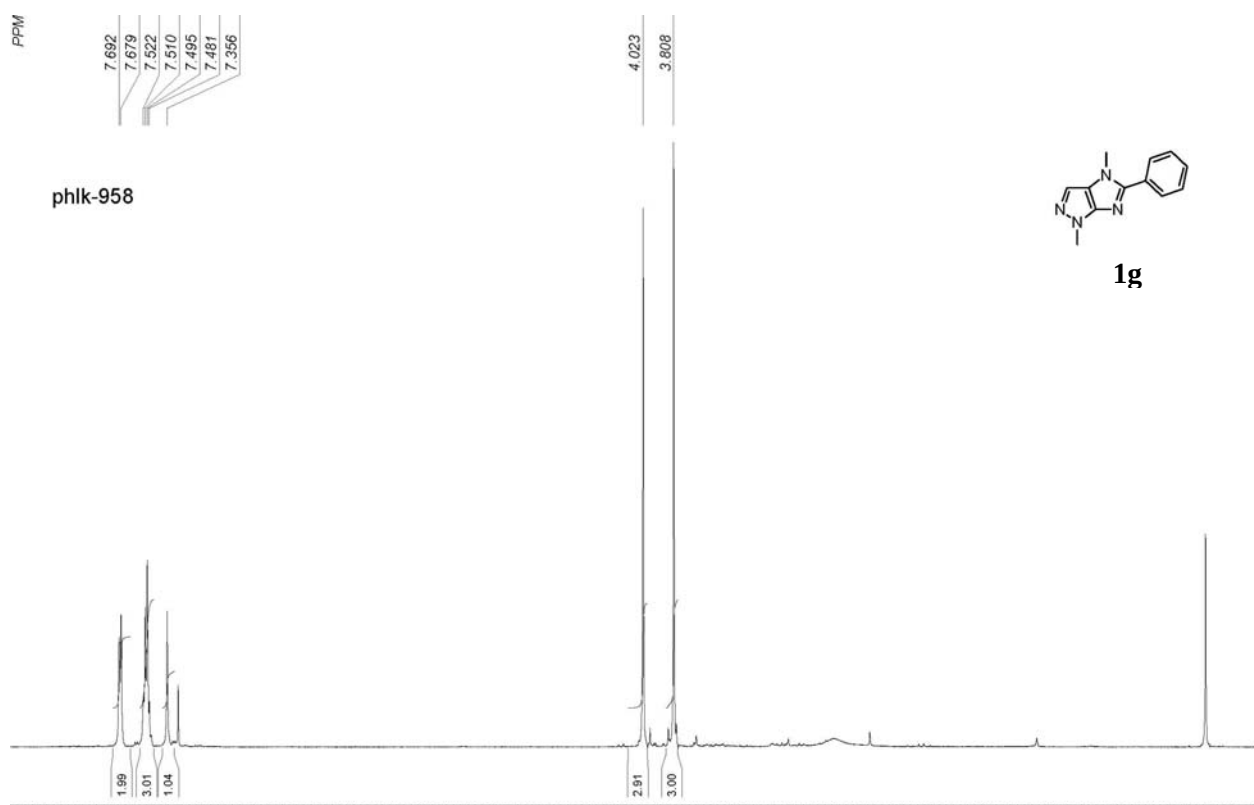




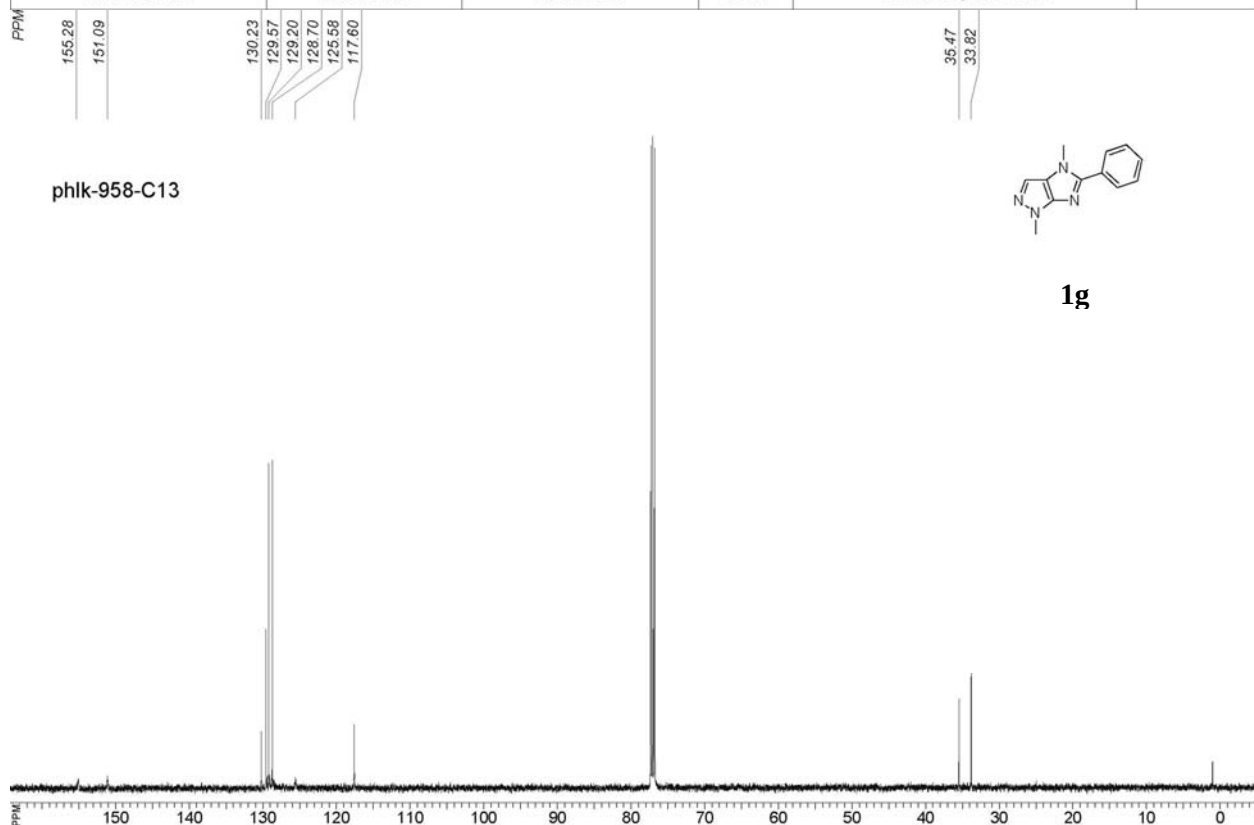




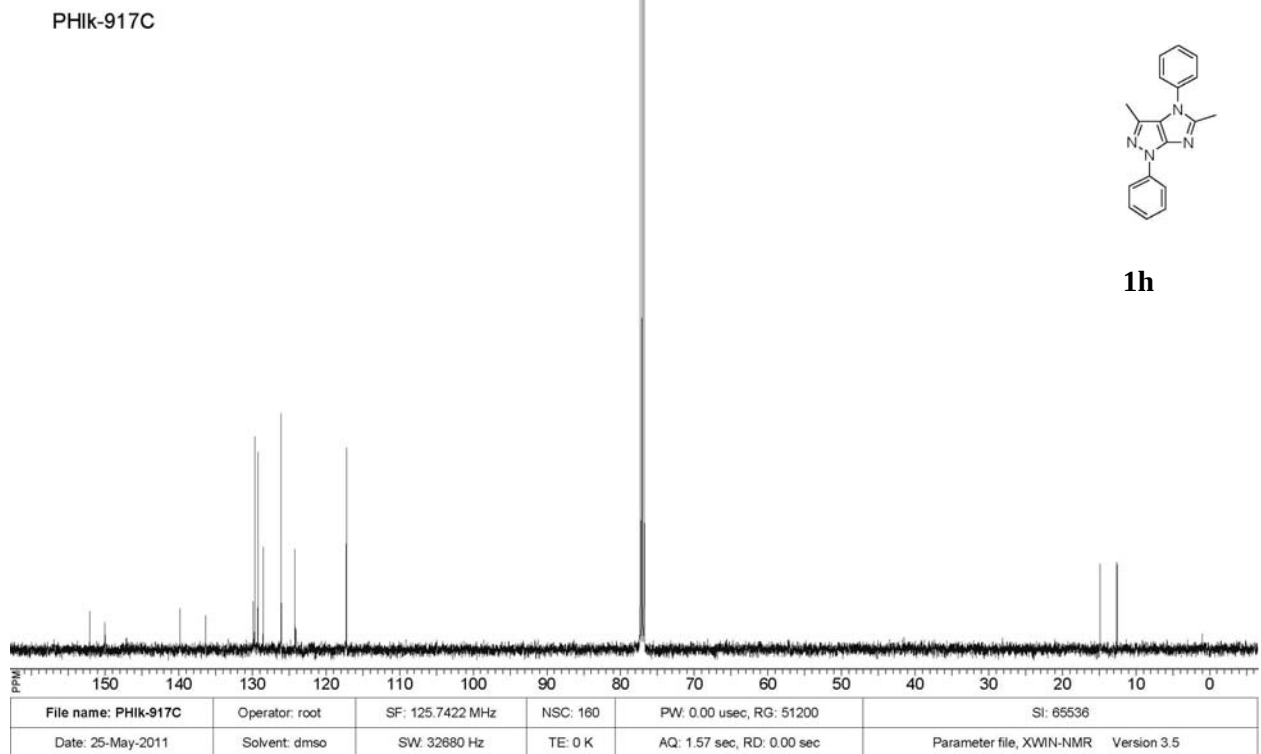
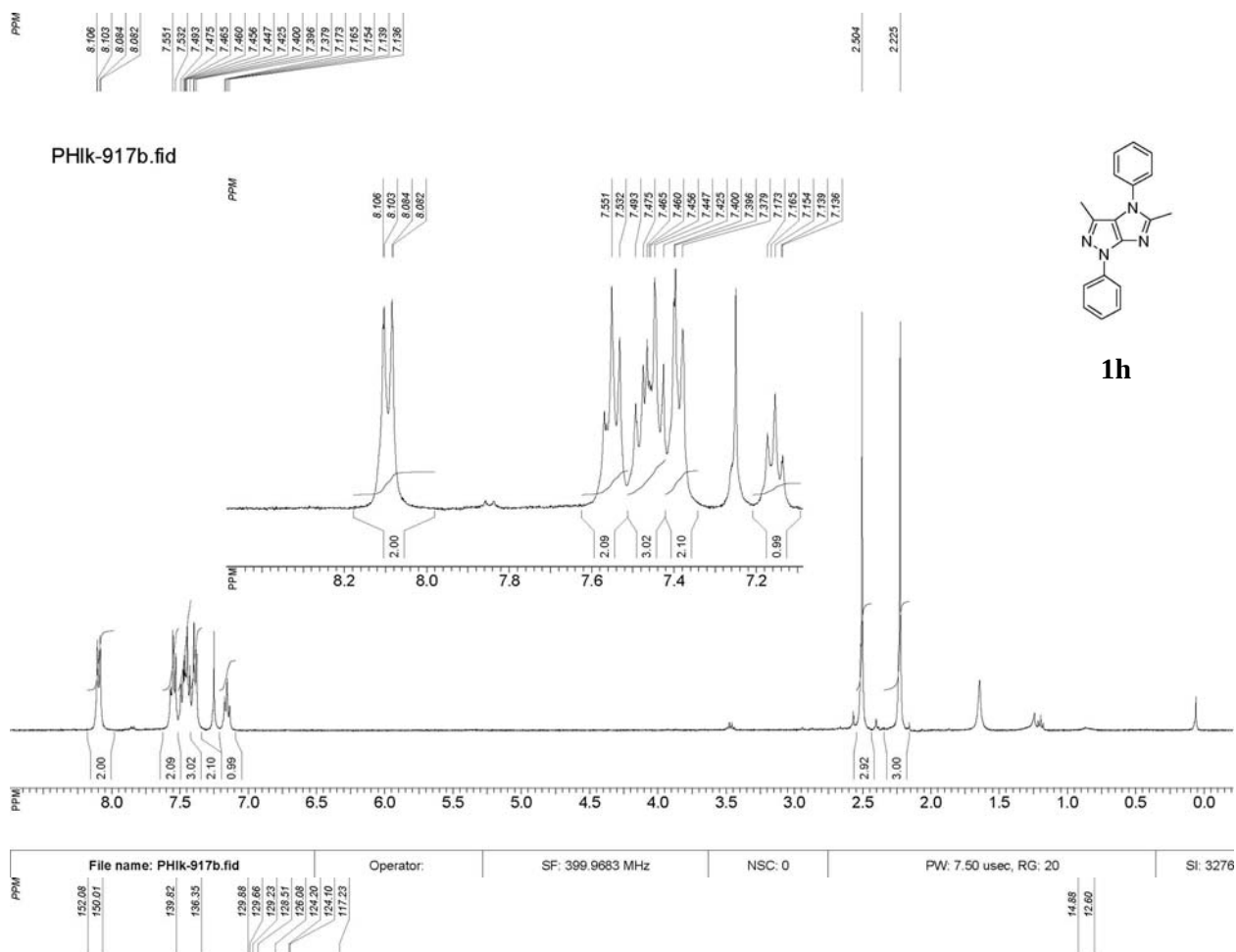


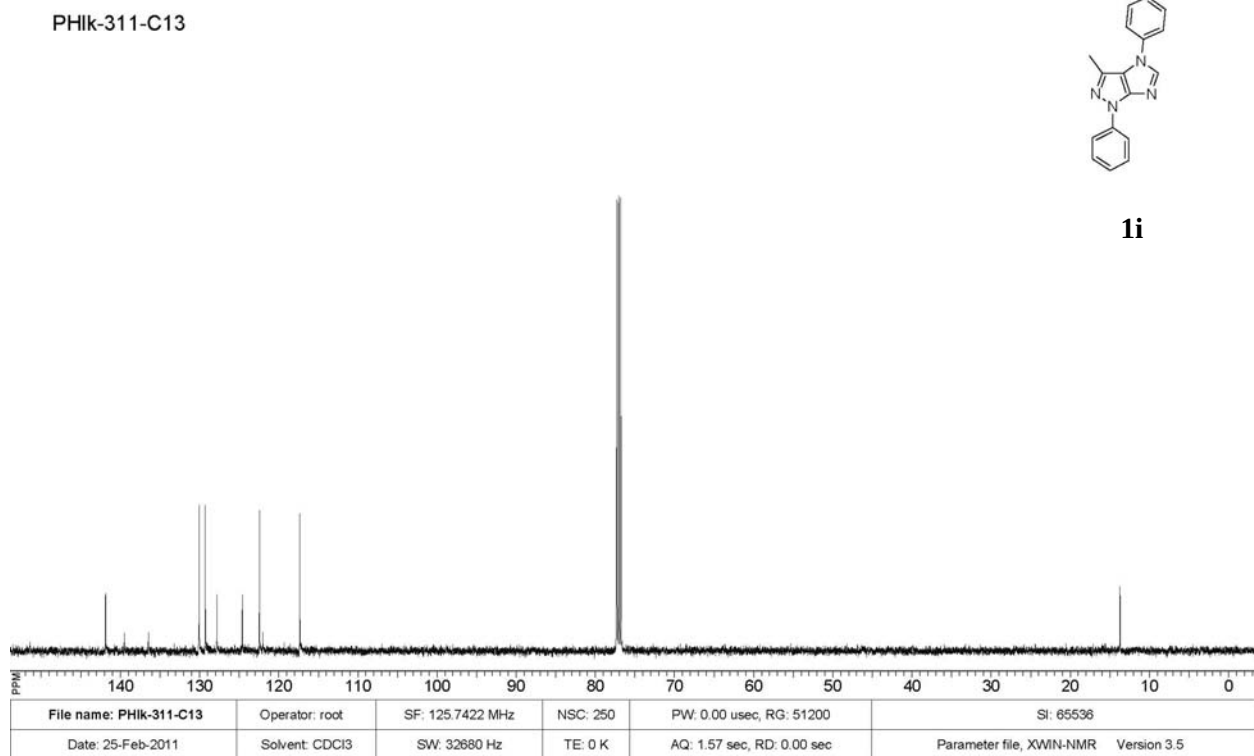
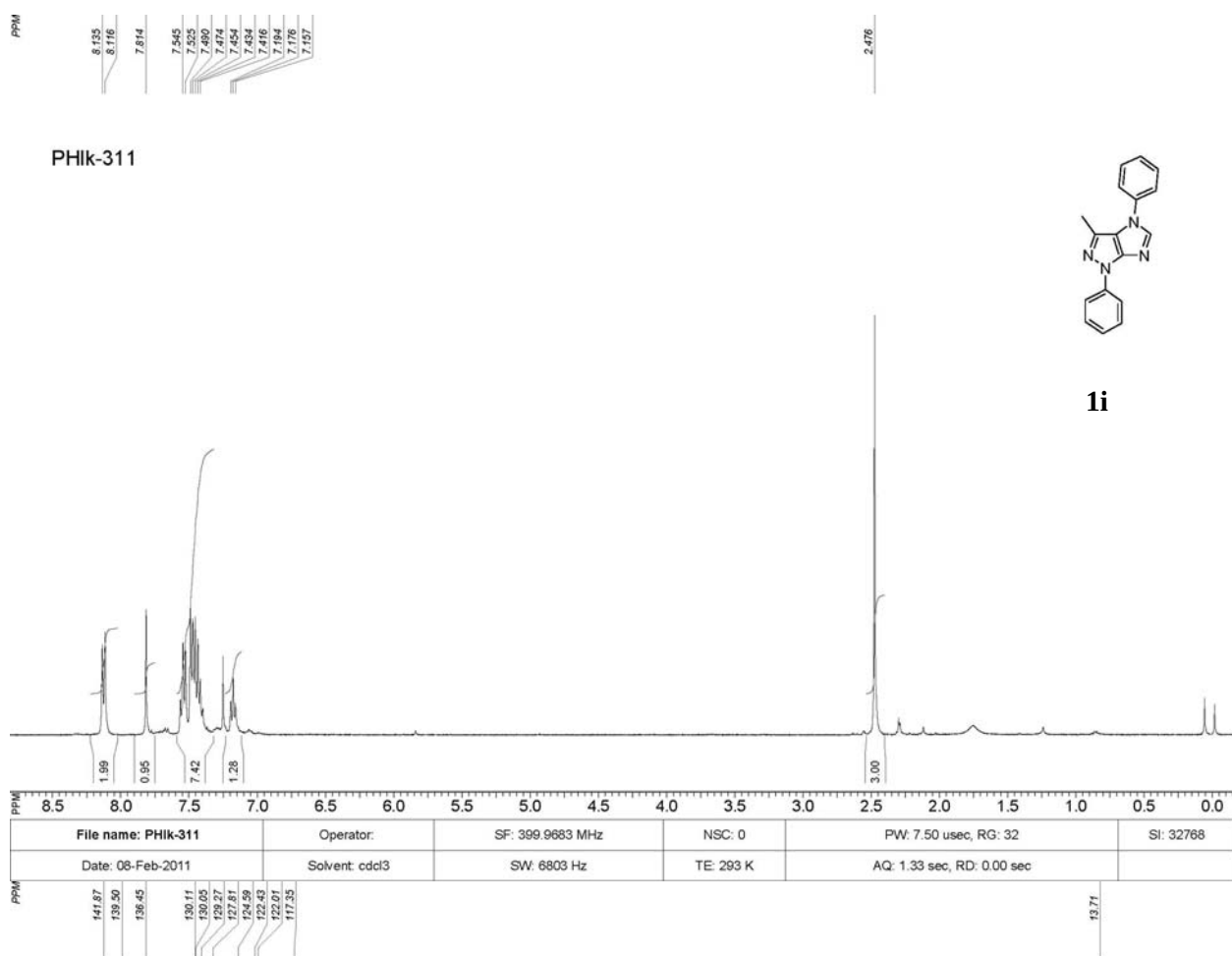


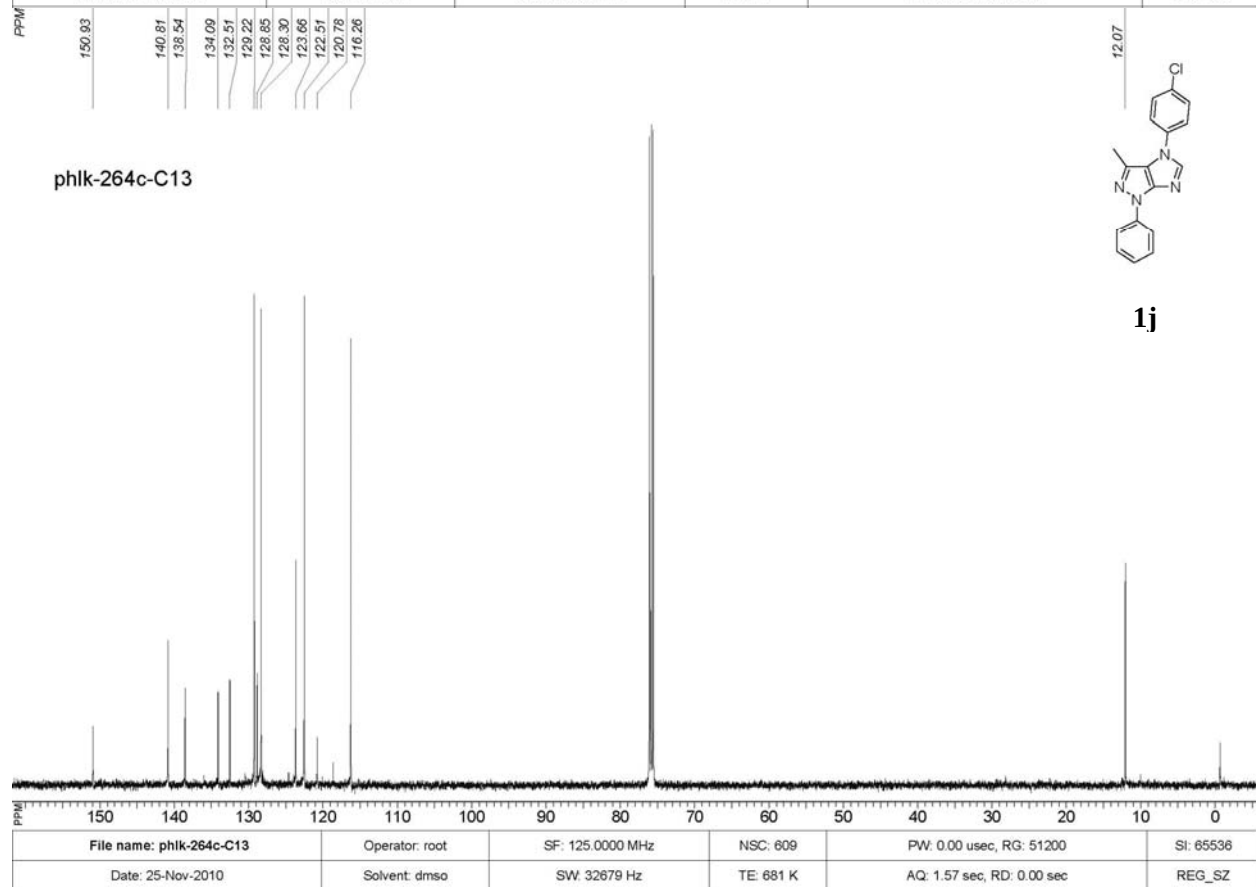
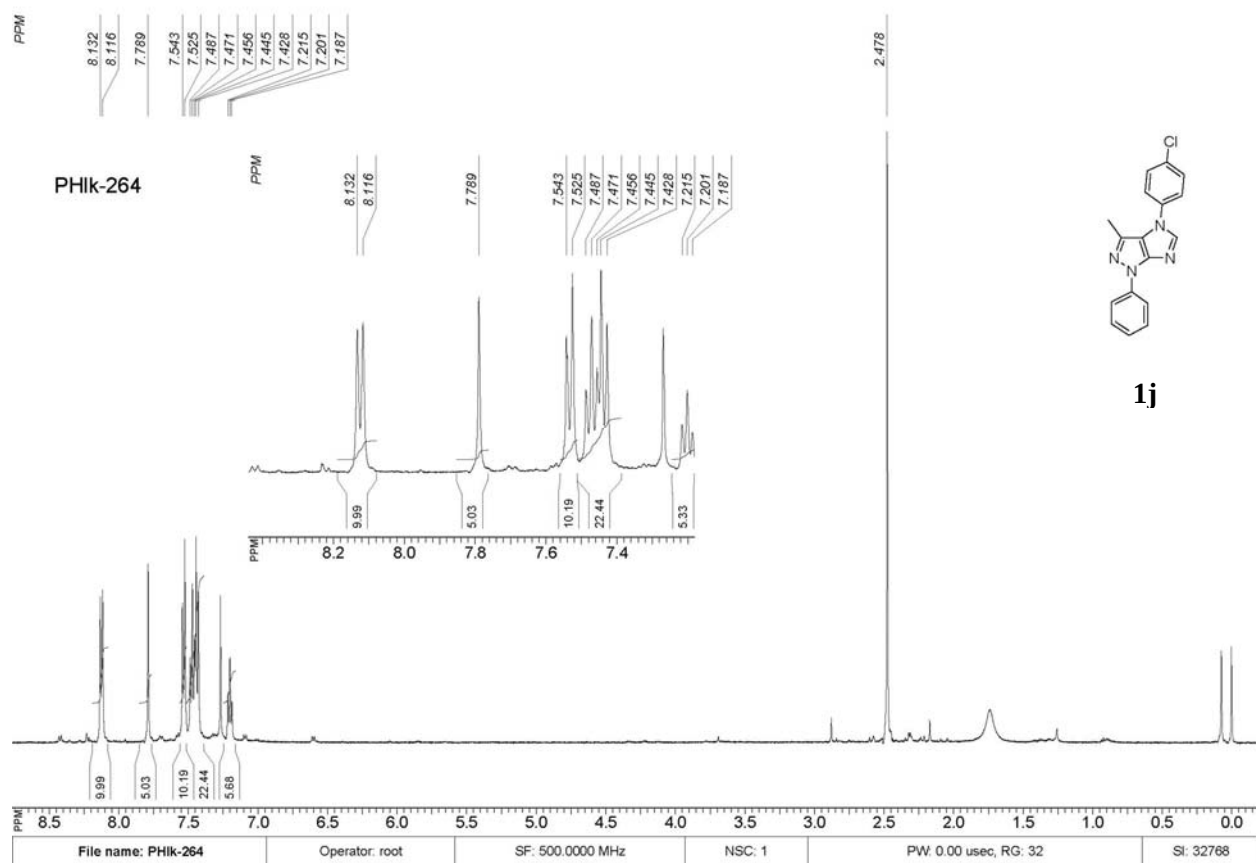
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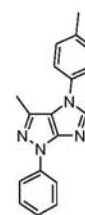




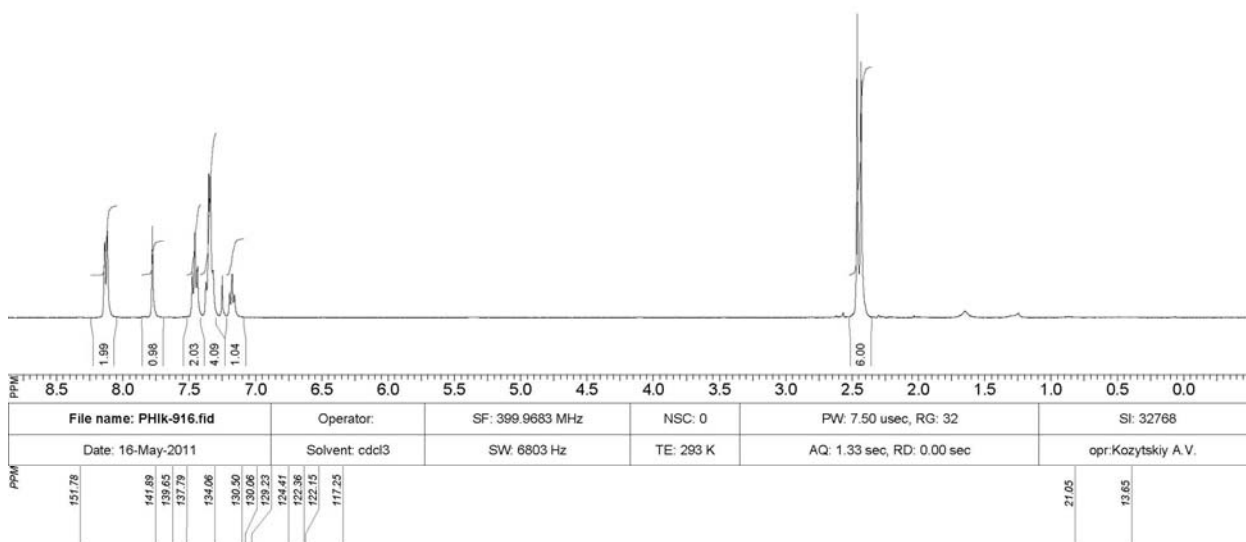




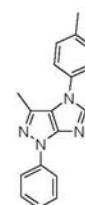
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1k

