

# **A Series of Isatin-Hydrazones with Cytotoxic Activity and CDK2 Kinase Inhibitory Activity: A Potential Type II ATP Competitive Inhibitor**

**Huda S. Al-Salem<sup>1,\*</sup>, Md Arifuzzaman<sup>2</sup>, Hamad M. Alkahtani<sup>1</sup>, Ashraf N. Abdalla<sup>3</sup>, Iman S. Issa<sup>1</sup>, Aljawharah Alqathama<sup>4</sup>, Fatemah S. Albalawi<sup>1</sup> and A. F. M. Motiur Rahman<sup>1,\*</sup>**

<sup>1</sup>Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh 11451, Saudi Arabia;

<sup>2</sup>Yeungnam University, Gyeongsan 38541, Korea;

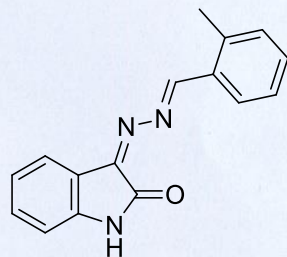
<sup>3</sup>Department of Pharmacology and Toxicology, Faculty of Pharmacy, Umm Al-Qura University, Makkah 21955, Saudi Arabia;

<sup>4</sup>Department of Pharmacognosy, Faculty of Pharmacy, Umm Al-Qura University, Makkah 21955, Saudi Arabia;

**\*Correspondence:** hhalsalem@ksu.edu.sa (H.S.A.-S.); afmrahman@ksu.edu.sa (A.F.M.M.R.); Tel.: +966-11-29-52740 (H.S.A.); +966-11-46-70237 (A.F.M.M.R.)

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**4a**



Exact Mass: 263.11

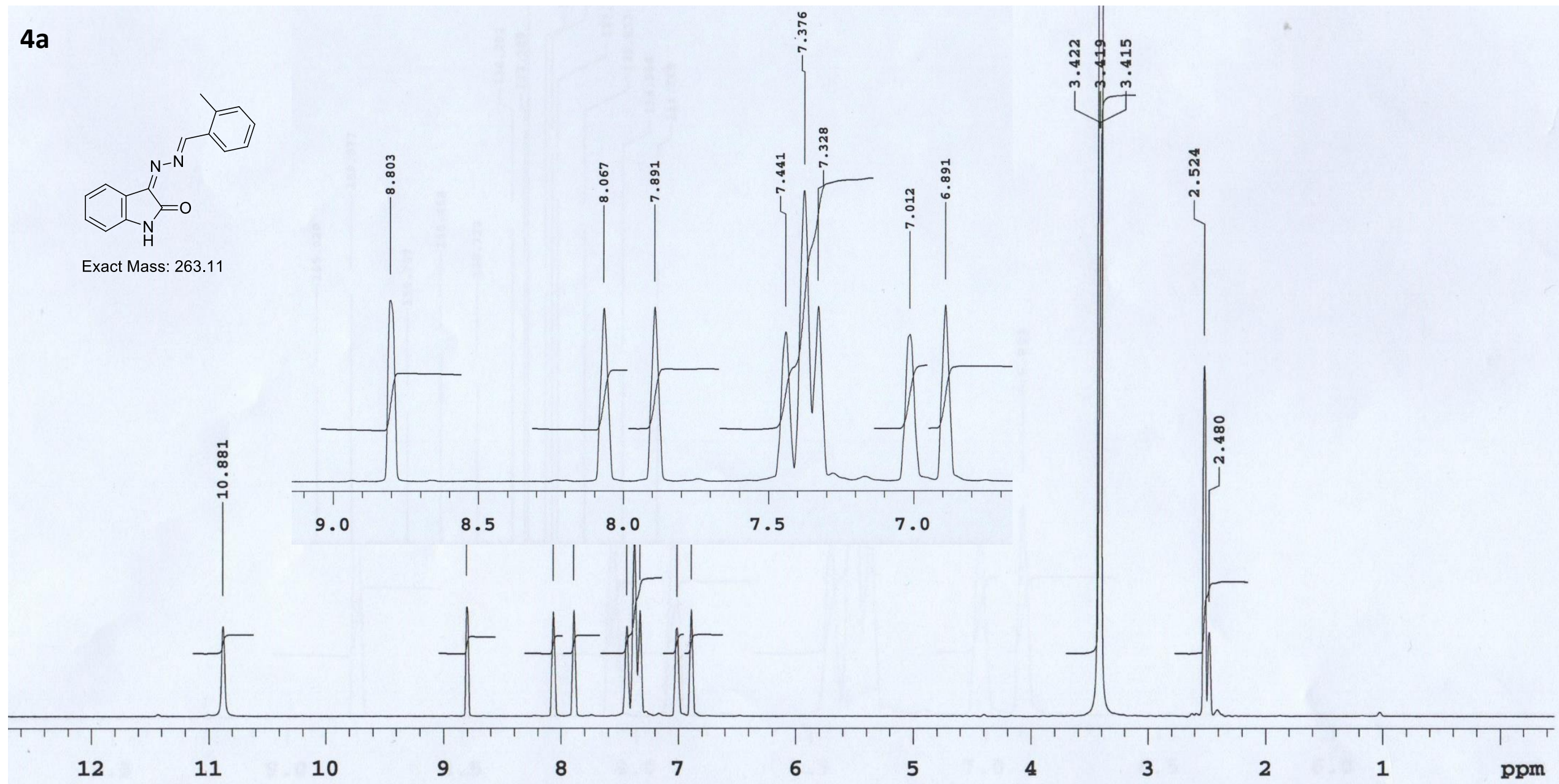
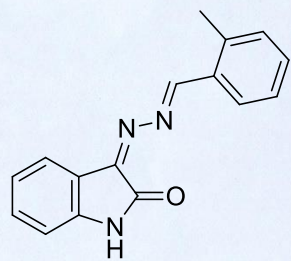


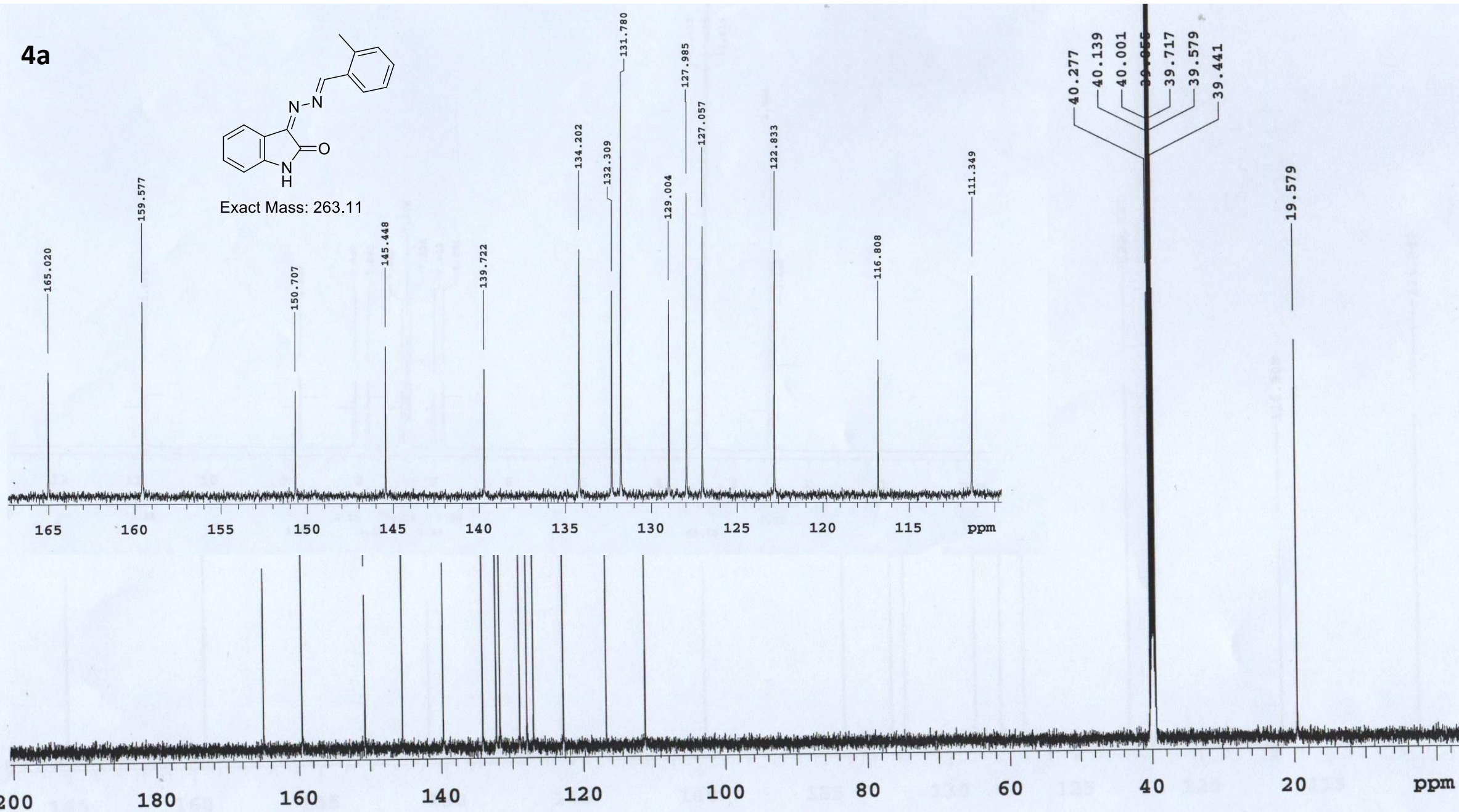
Figure S1. Proton (<sup>1</sup>H) Spectra of **4a**



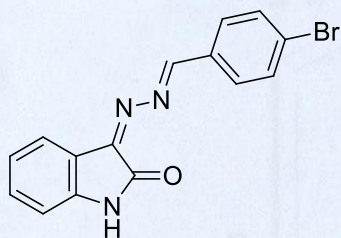
4a



Exact Mass: 263.11

Figure S2. Carbon (<sup>13</sup>C) Spectra of 4a

**4g**



Exact Mass: 327.00

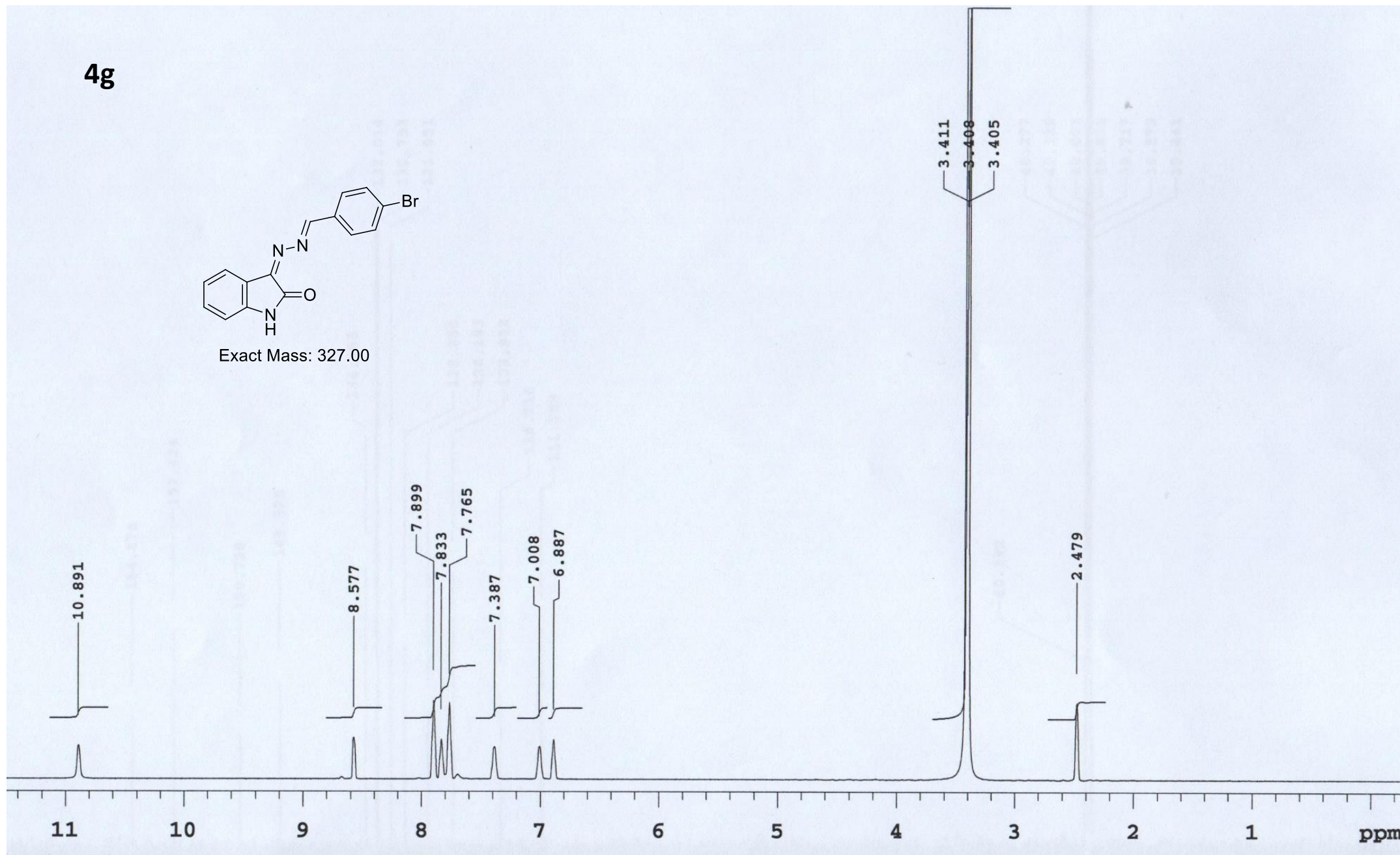
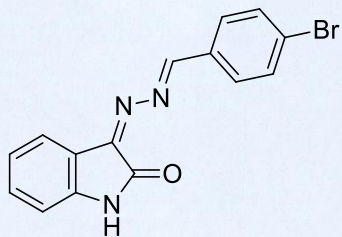


Figure S3. Proton (<sup>1</sup>H) Spectra of **4g**



**4g**



Exact Mass: 327.00

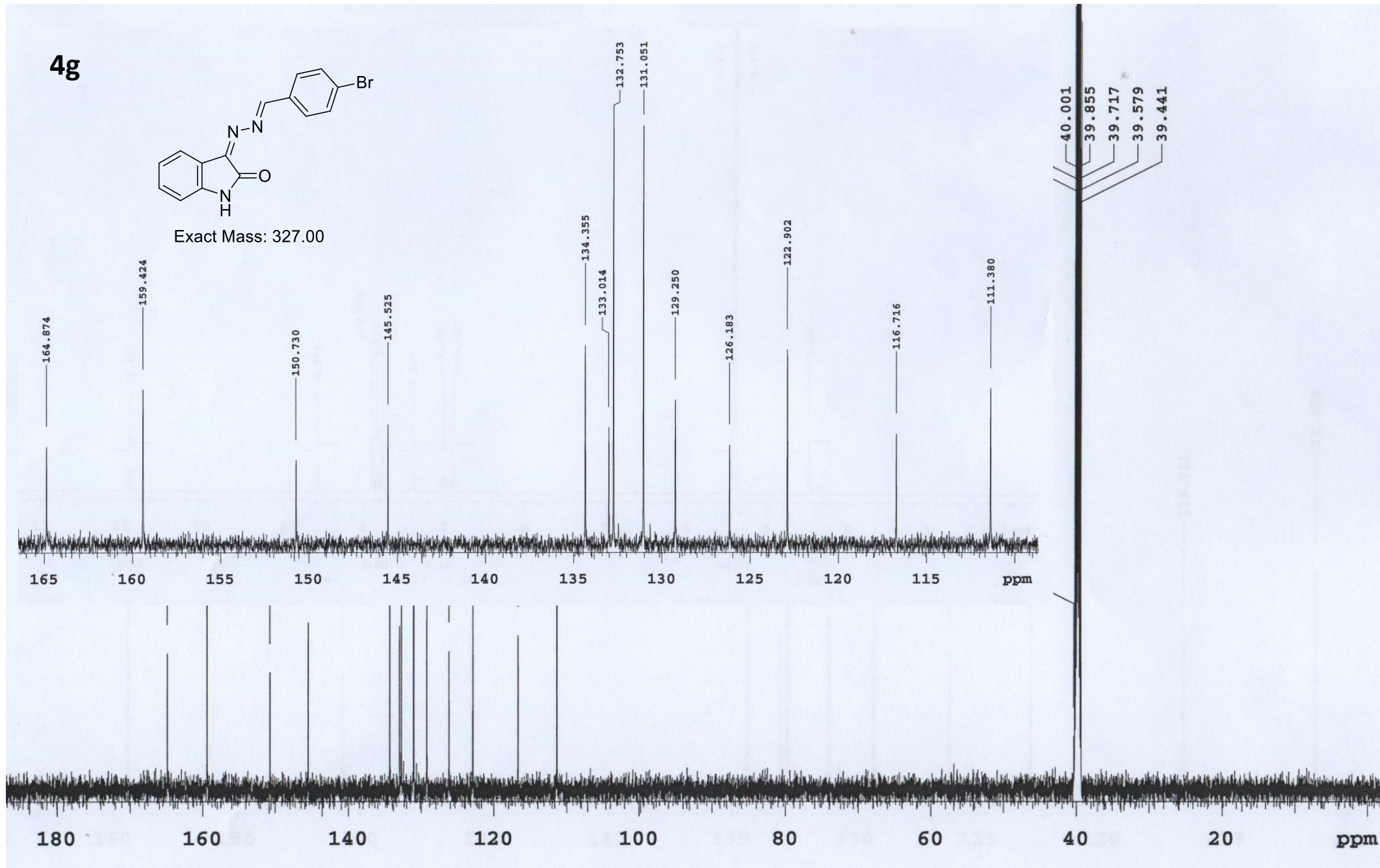
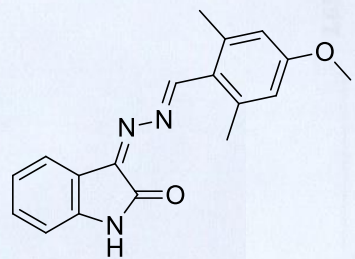


Figure S4. Carbon ( $^{13}\text{C}$ ) Spectra of **4g**

4h



Exact Mass: 307.13

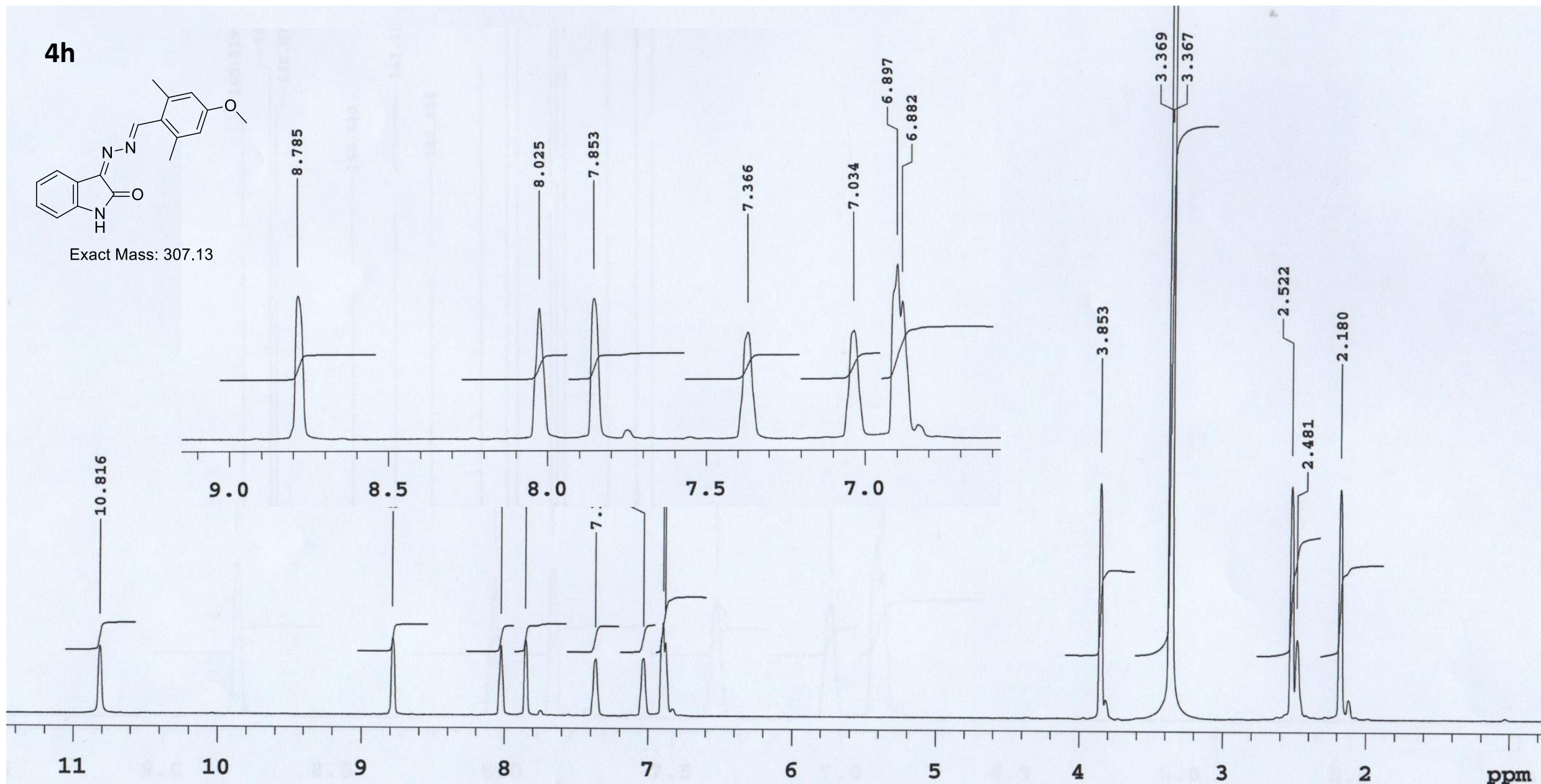


Figure S5. Proton (<sup>1</sup>H) Spectra of **4h**



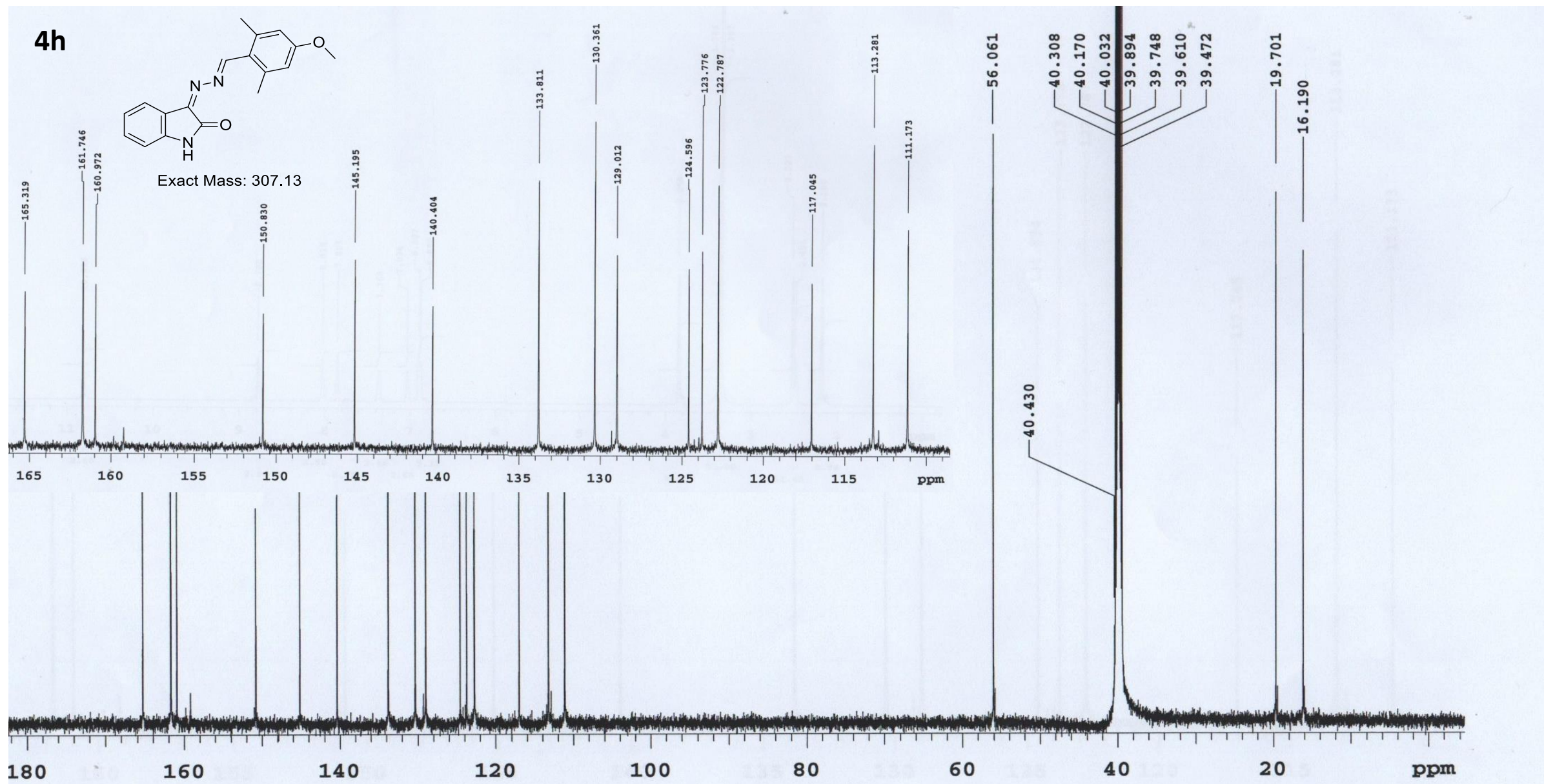
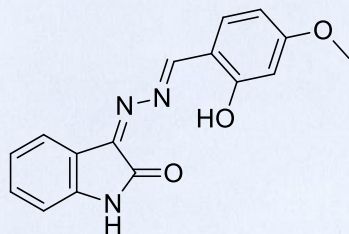


Figure S6. Carbon ( $^{13}\text{C}$ ) Spectra of **46**



4i



Exact Mass: 295.10

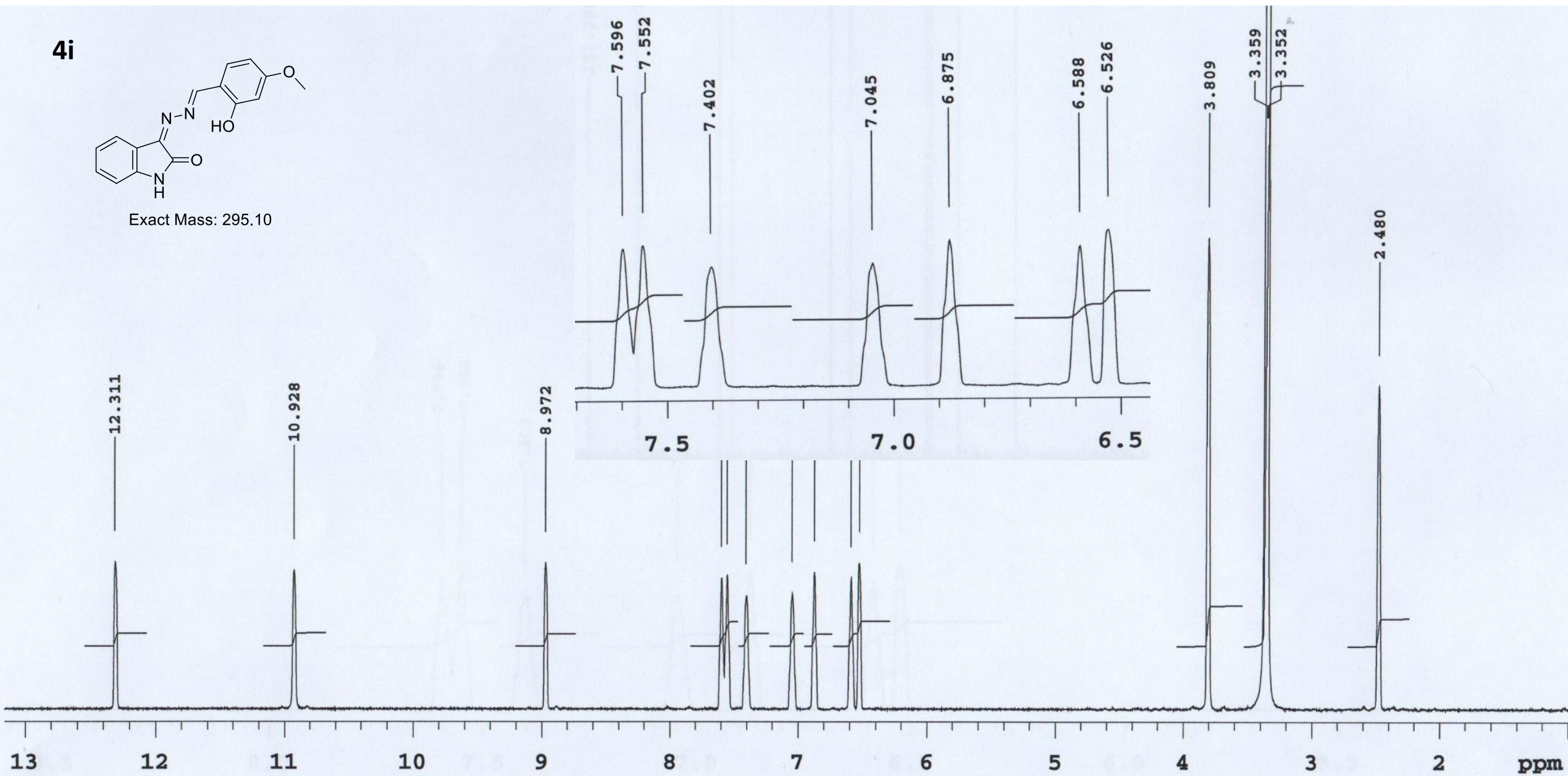
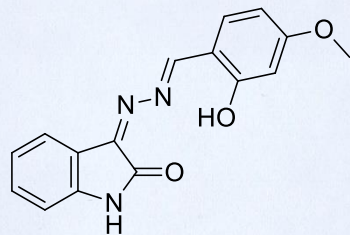
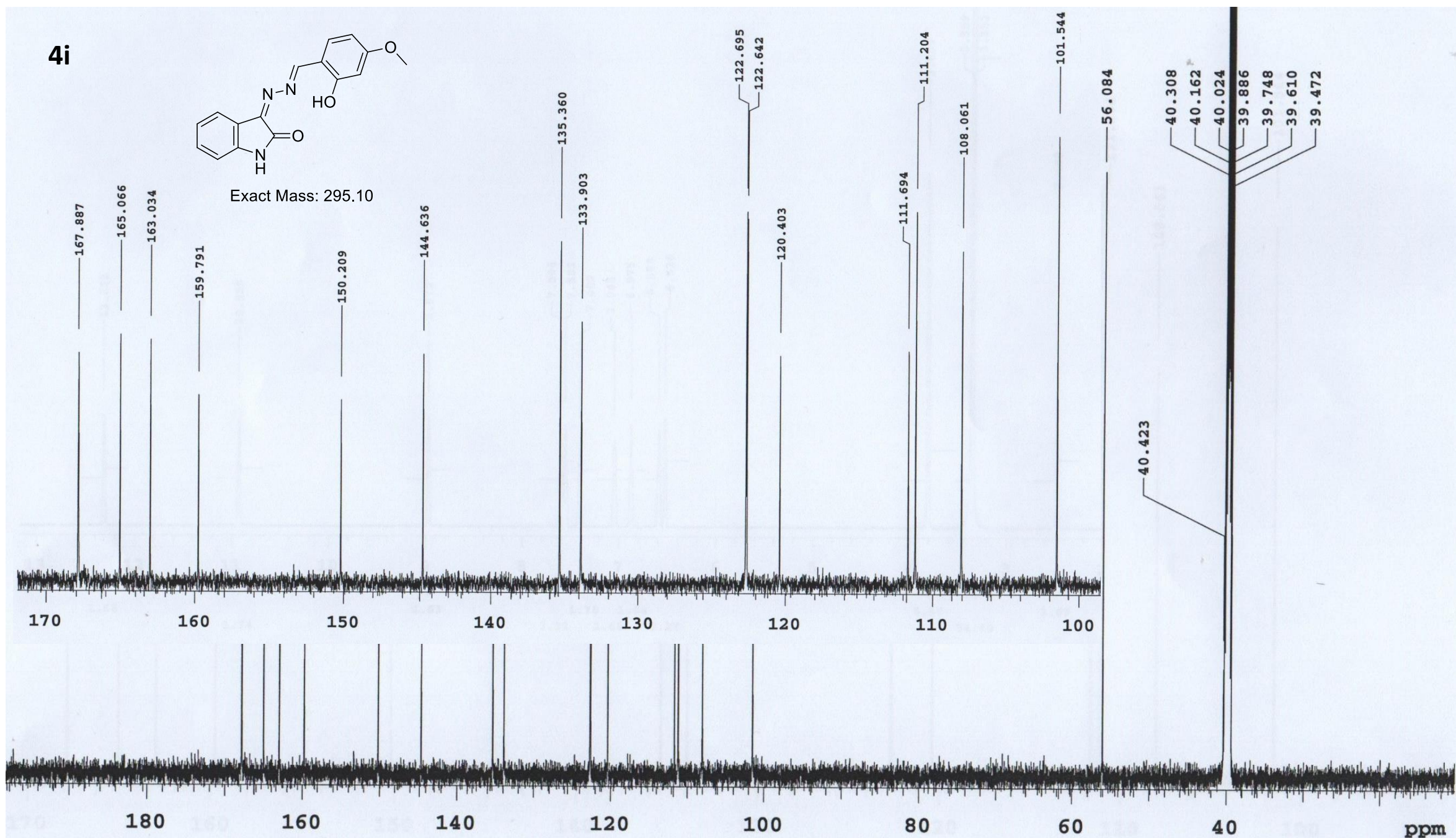


Figure S7. Proton (<sup>1</sup>H) Spectra of **4i**



**4i**

Exact Mass: 295.10

Figure S8. Carbon ( $^{13}\text{C}$ ) Spectra of **4i**



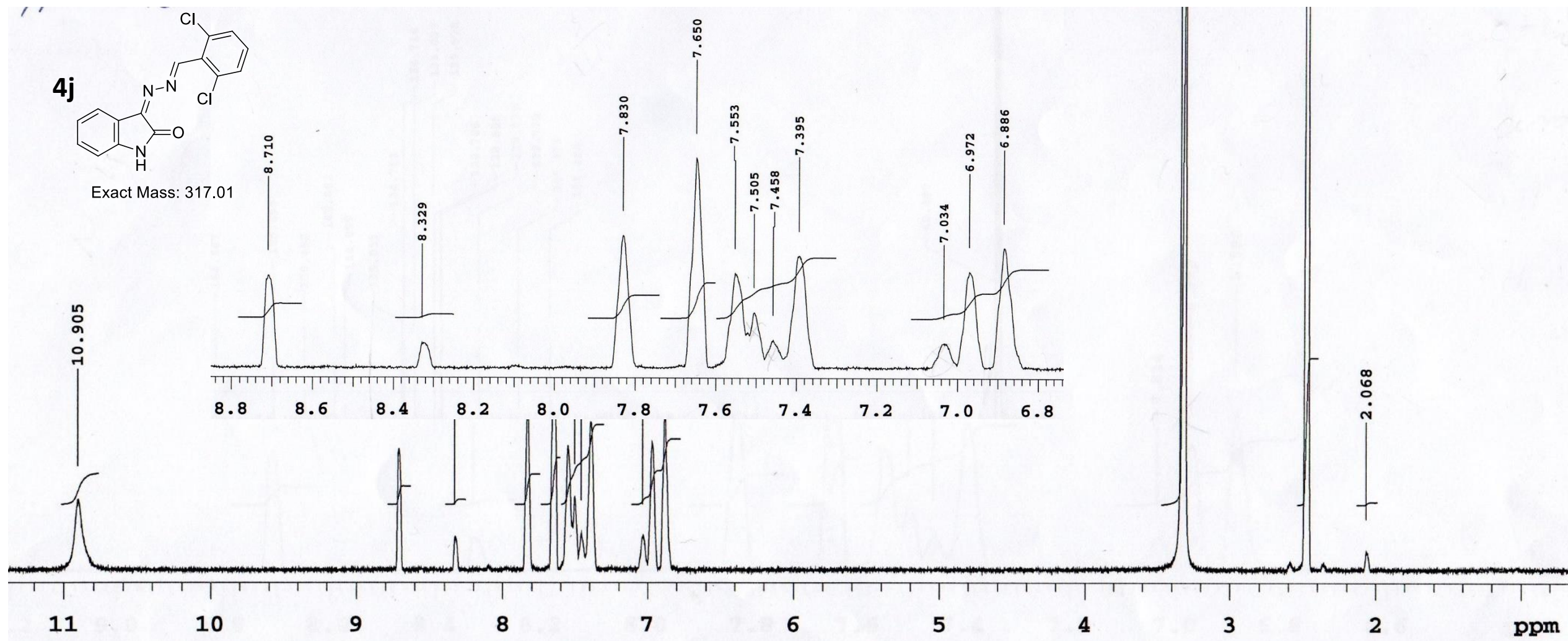
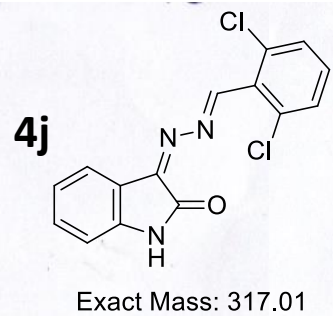


Figure S9. Proton (<sup>1</sup>H) Spectra of **4j**

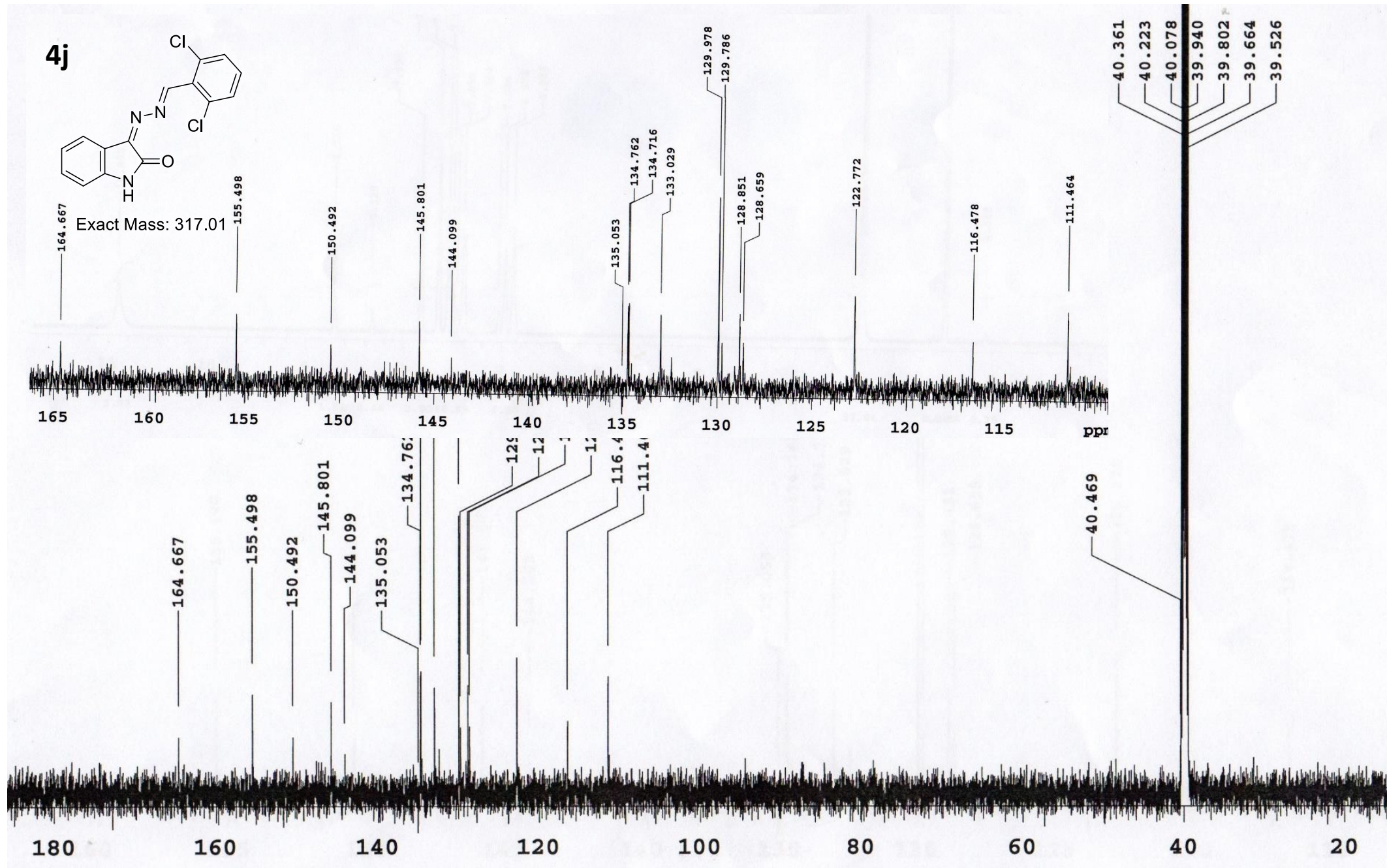
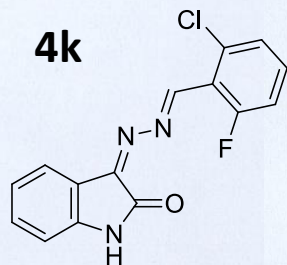


Figure S10. Carbon ( $^{13}\text{C}$ ) Spectra of **4j**



**4k**



Exact Mass: 301.04

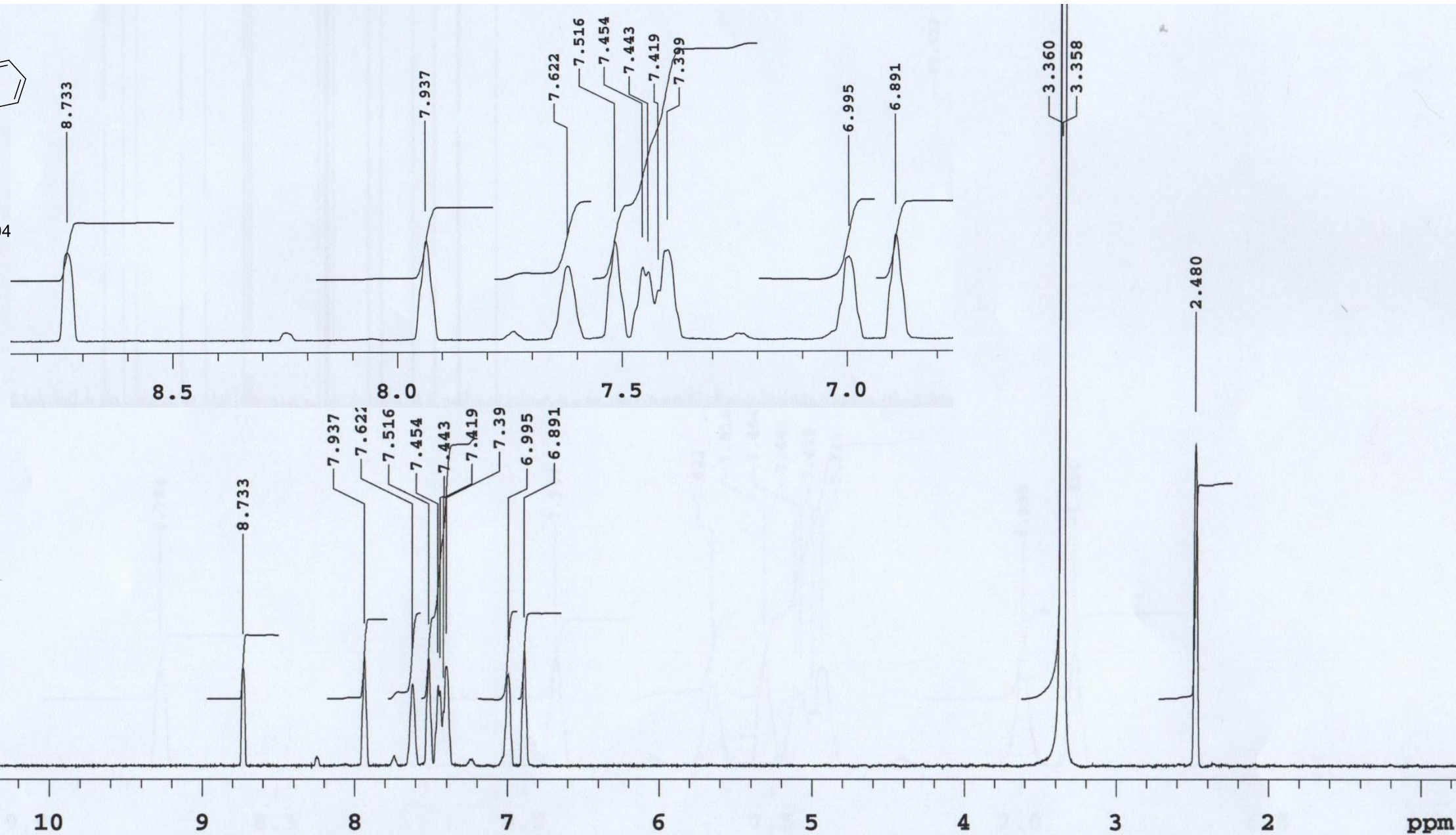


Figure S11. Proton (<sup>1</sup>H) Spectra of **4k**

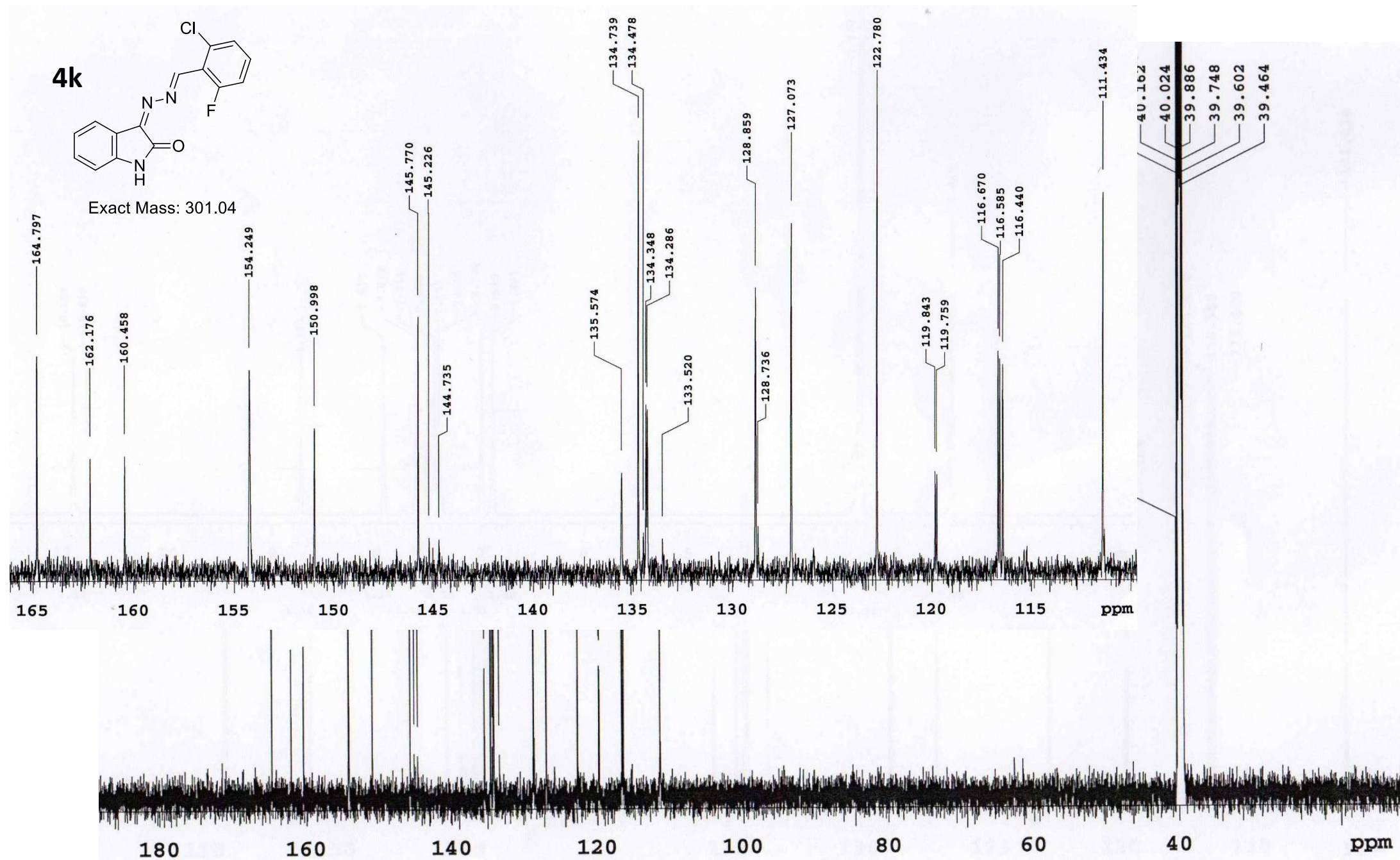


Figure S12. Carbon ( $^{13}\text{C}$ ) Spectra of **4k**



4a

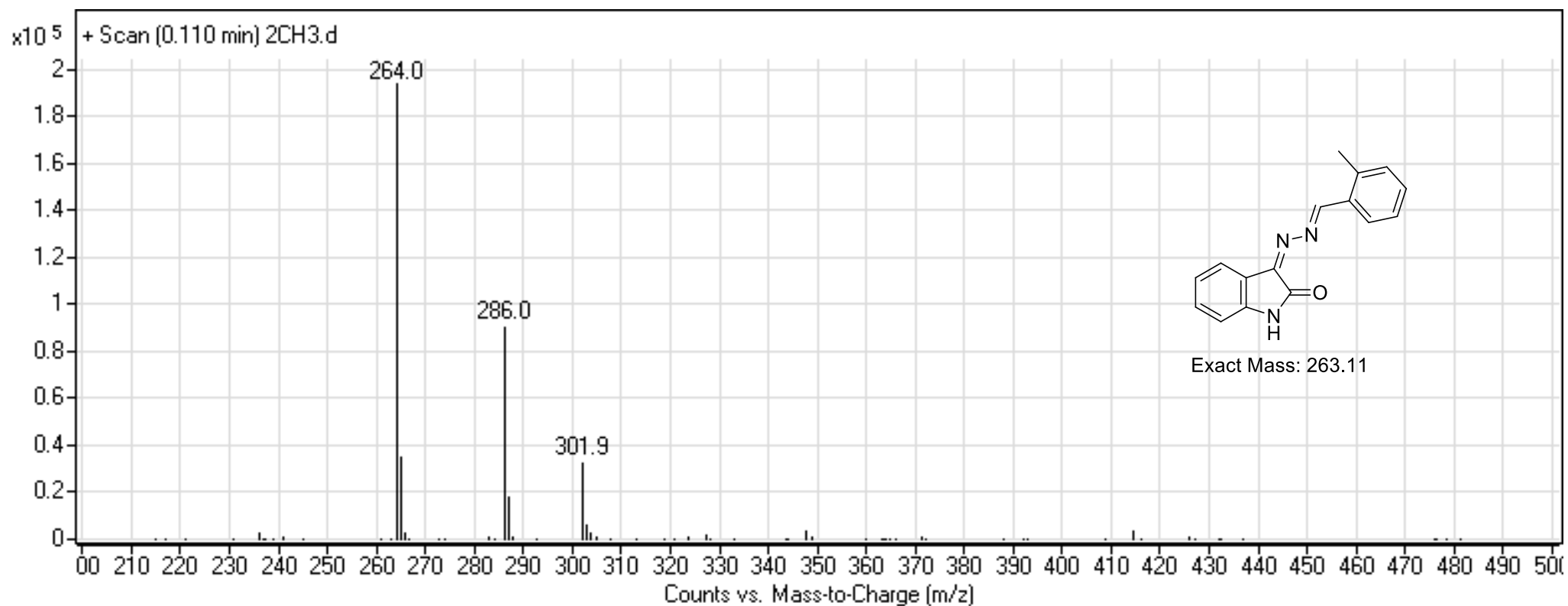


Figure S13. Mass Spectra of **4a**

4b

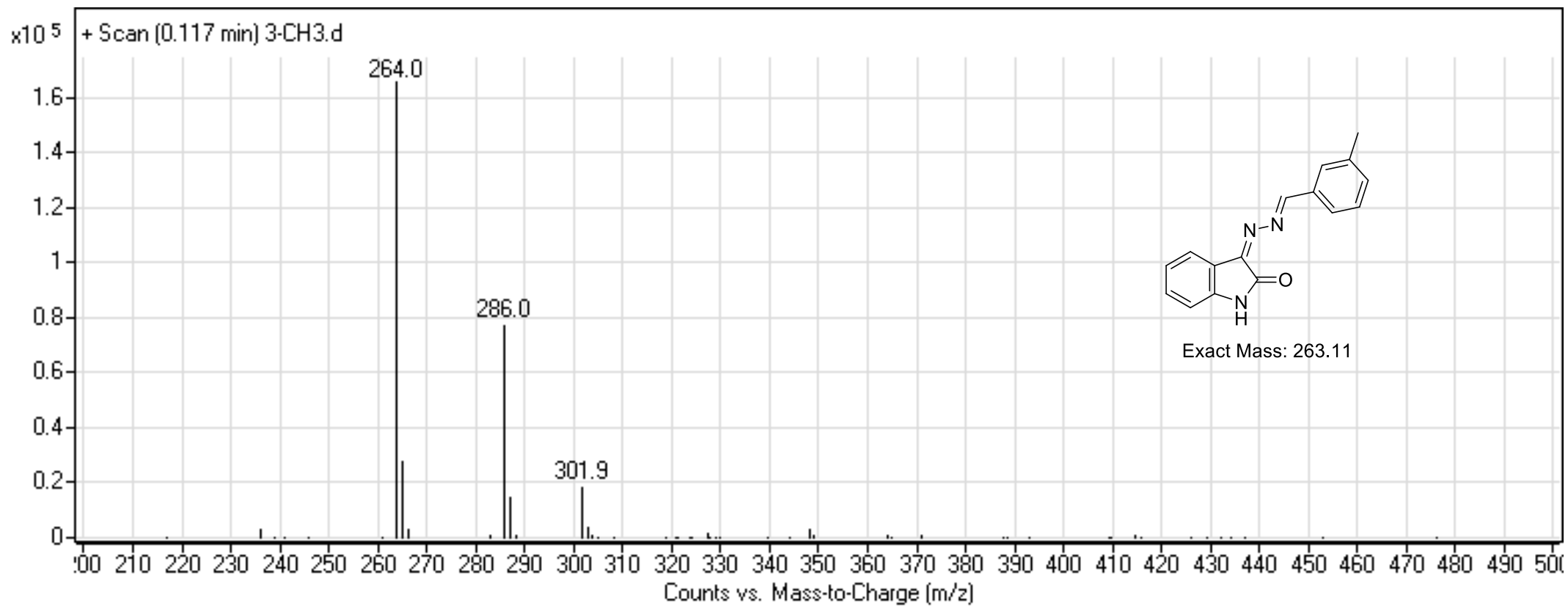


Figure S14. Mass Spectra of **4b**



4c

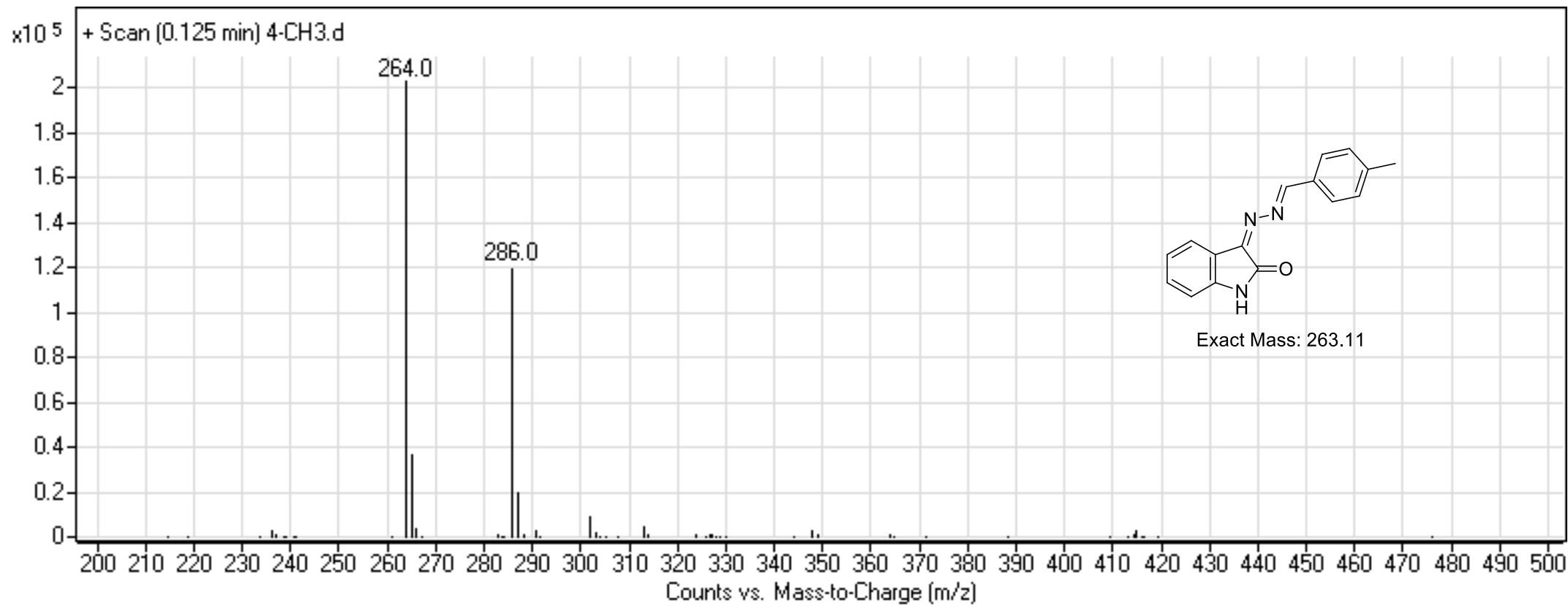


Figure S15. Mass Spectra of **4c**

4d

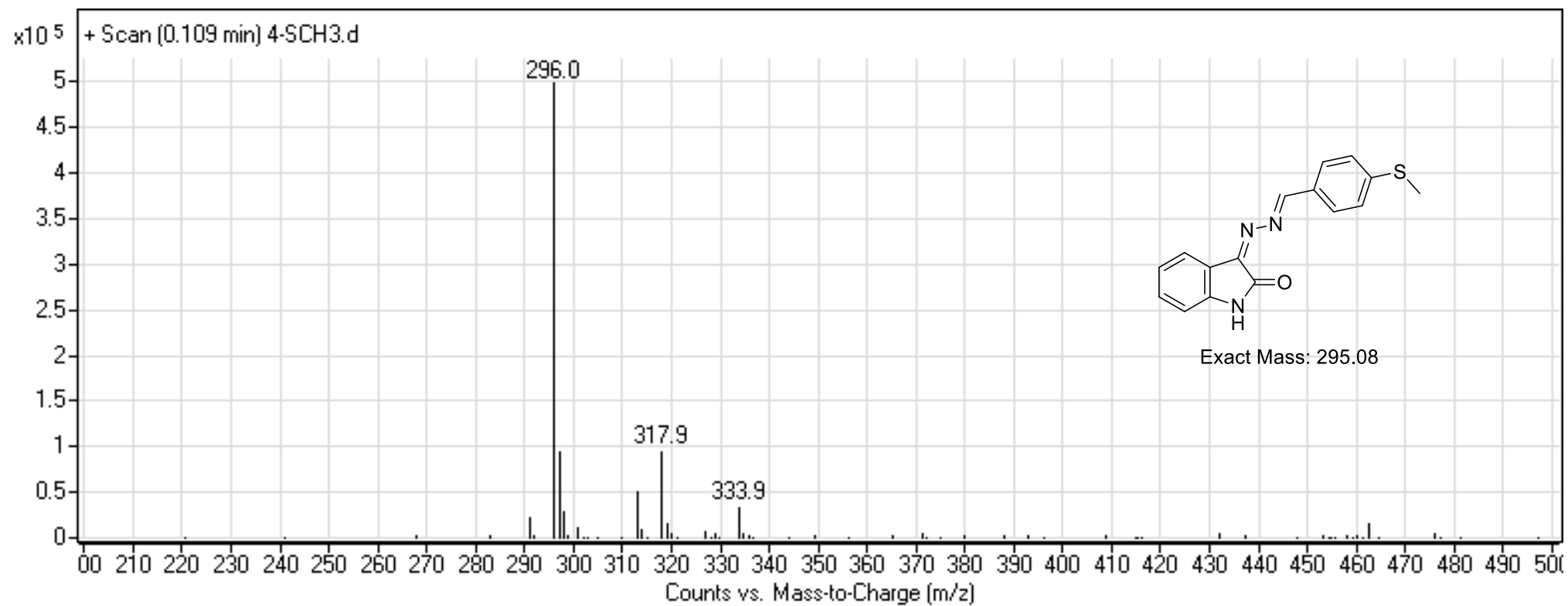


Figure S16. Mass Spectra of **4d**



4e

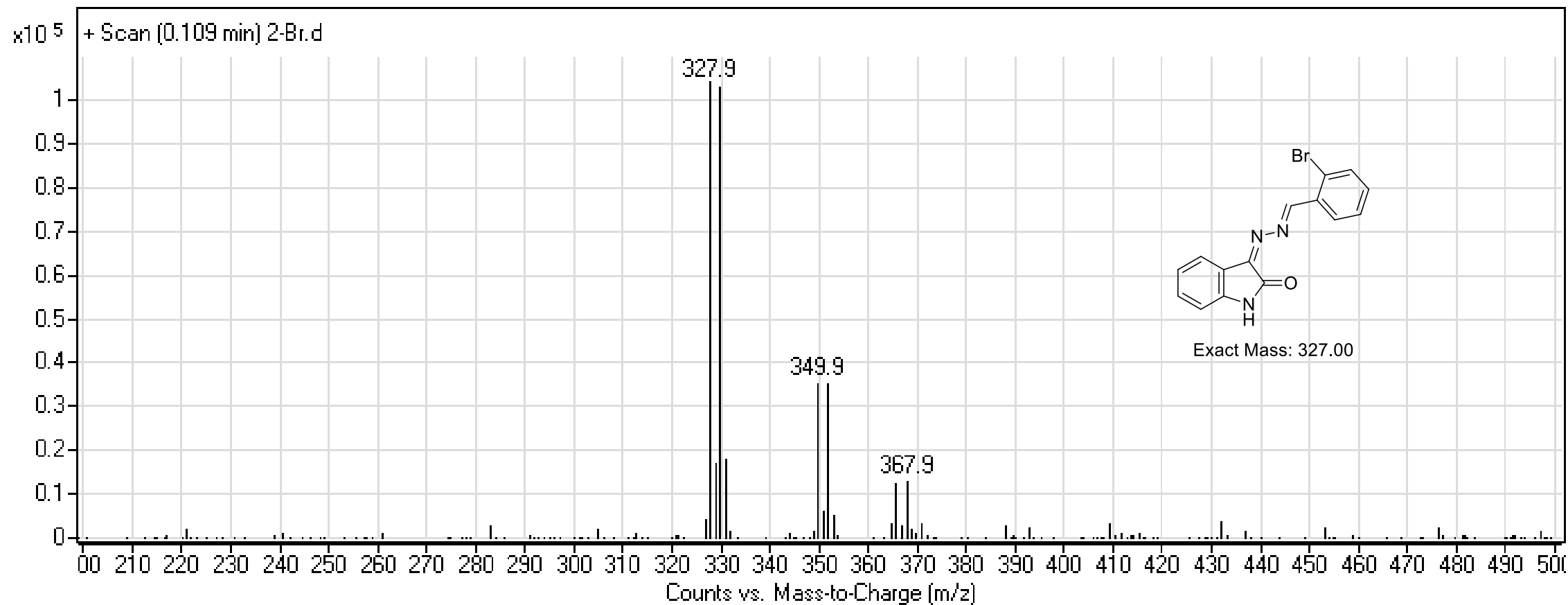


Figure S17. Mass Spectra of **4e**

4f

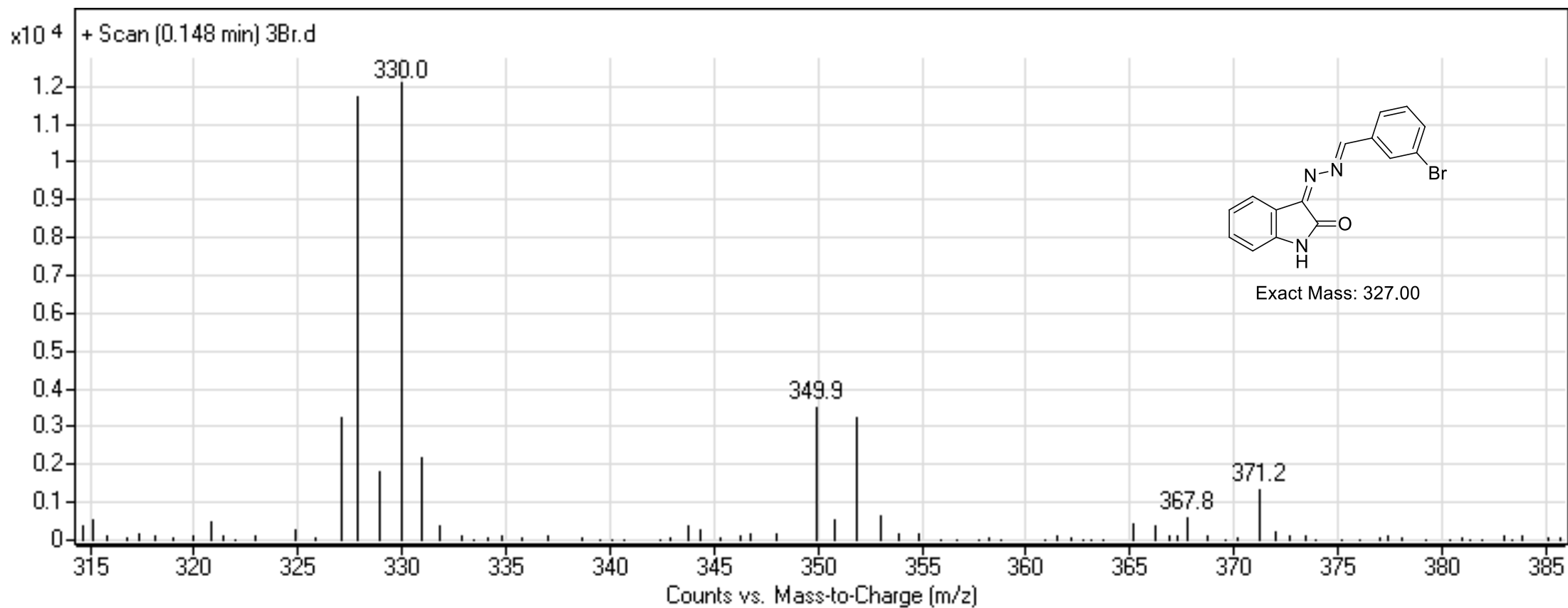


Figure S18. Mass Spectra of **4f**



**4g**

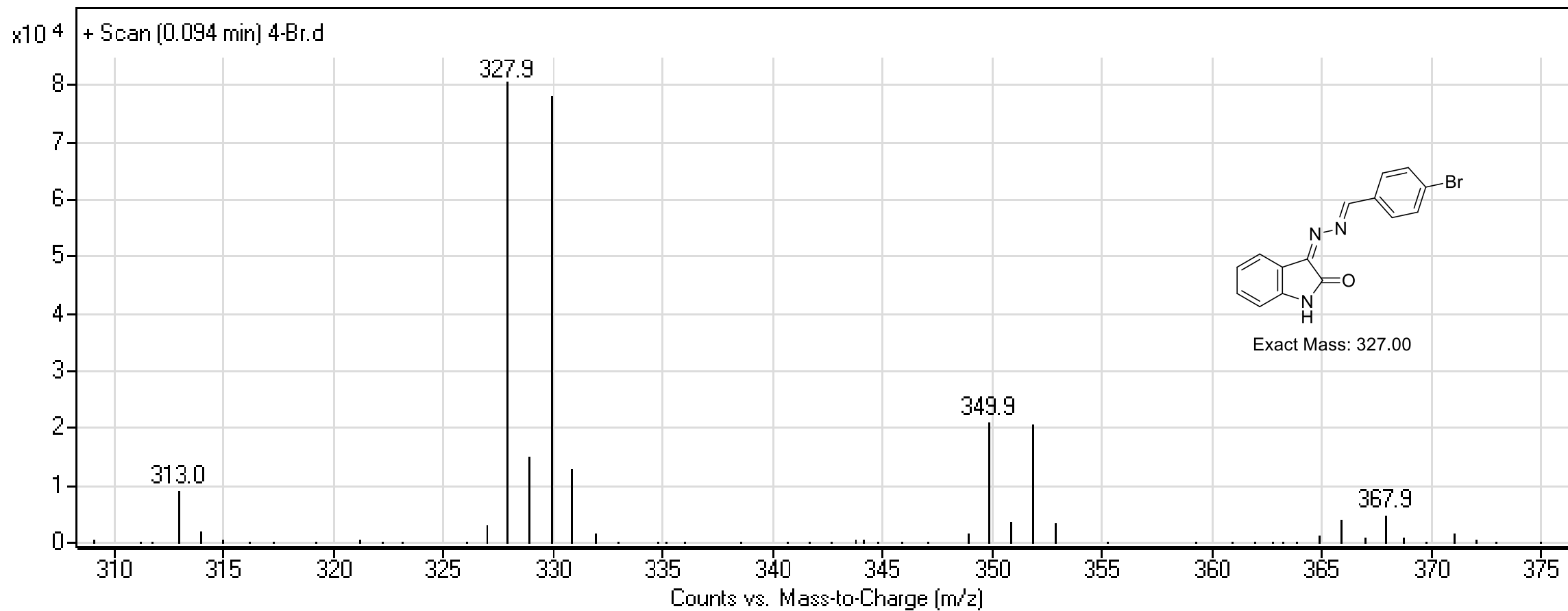


Figure S19. Mass Spectra of **4g**

4h

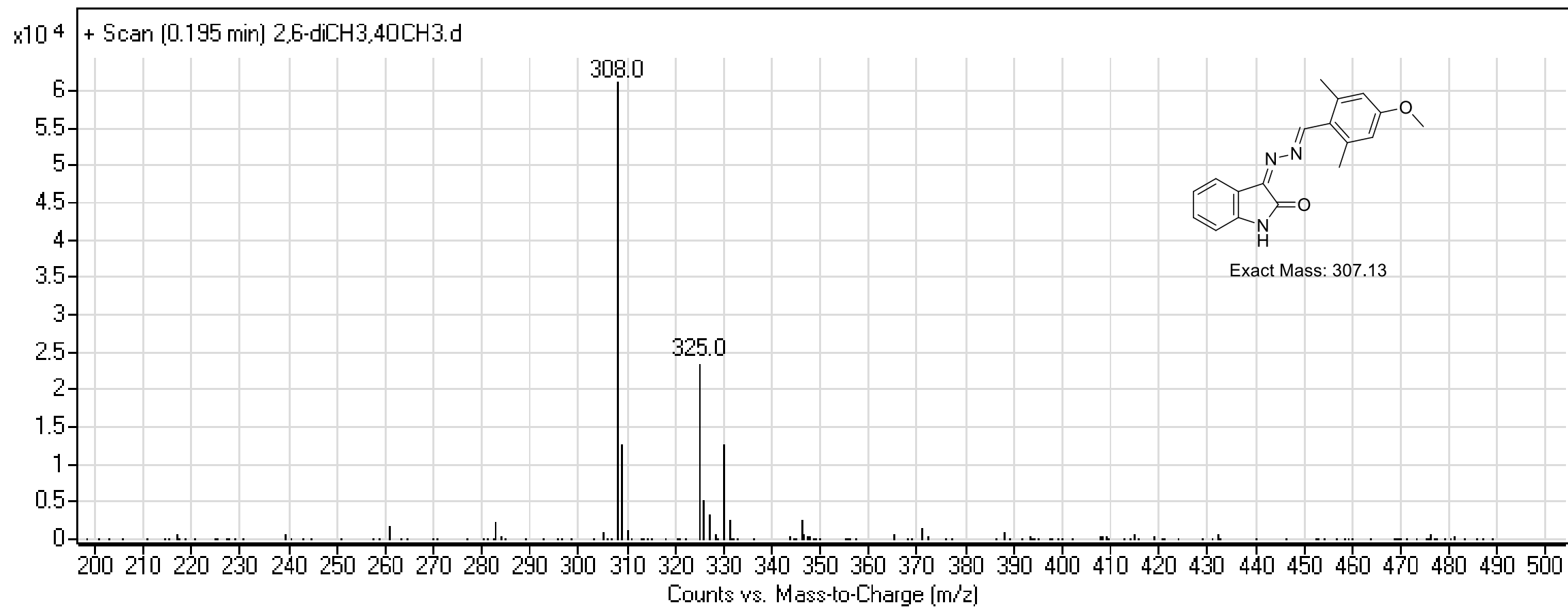


Figure S20. Mass Spectra of **4h**



4i

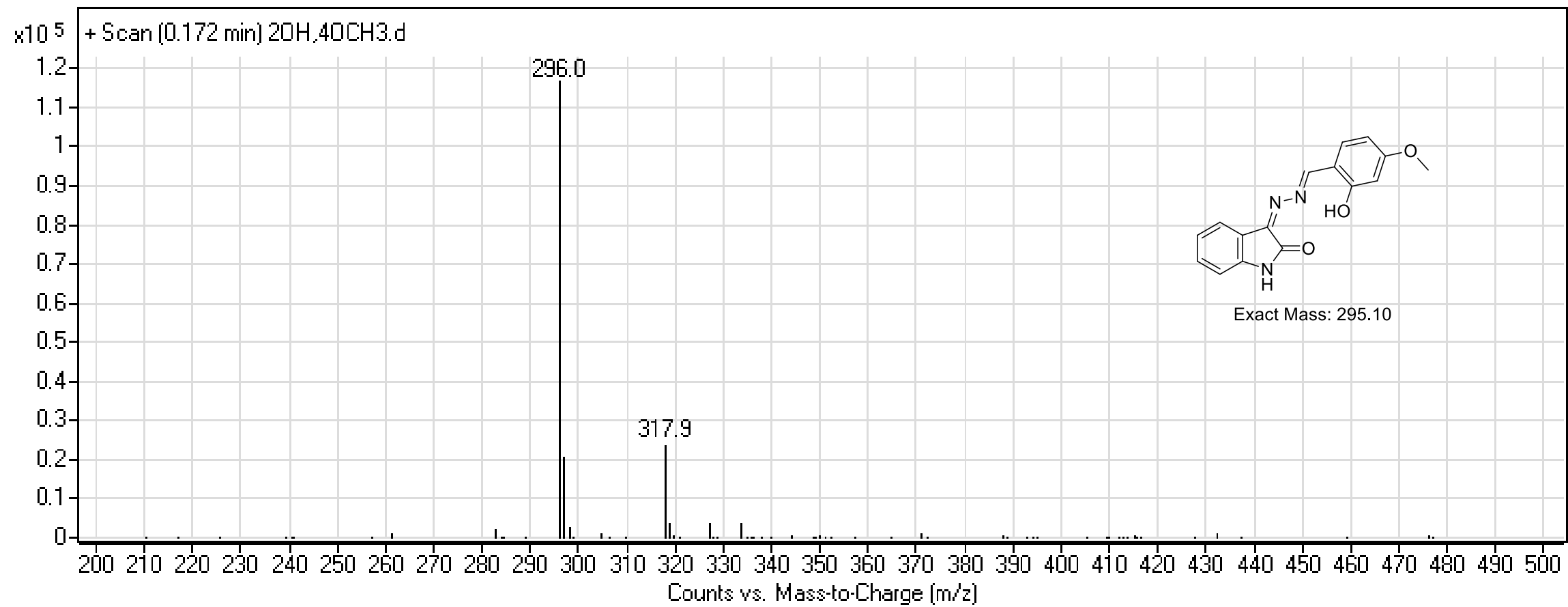


Figure S21. Mass Spectra of 4i

4j

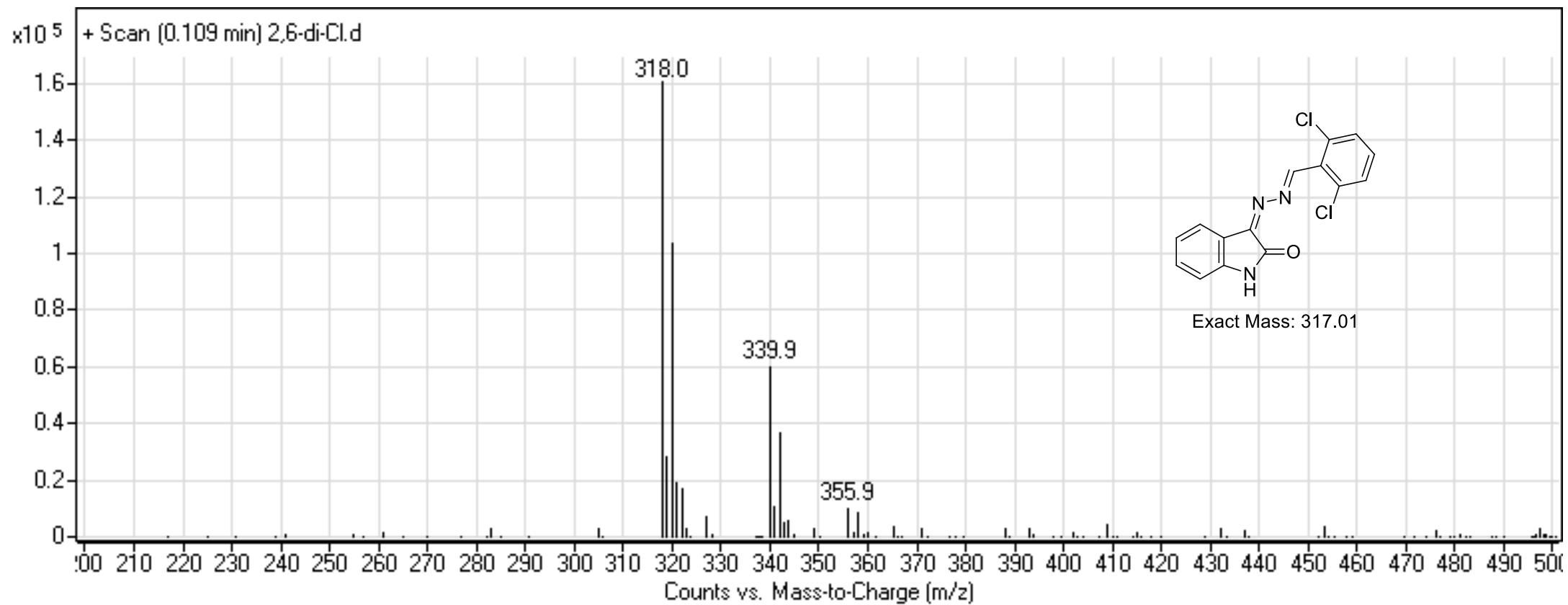


Figure S22. Mass Spectra of **4j**

4k

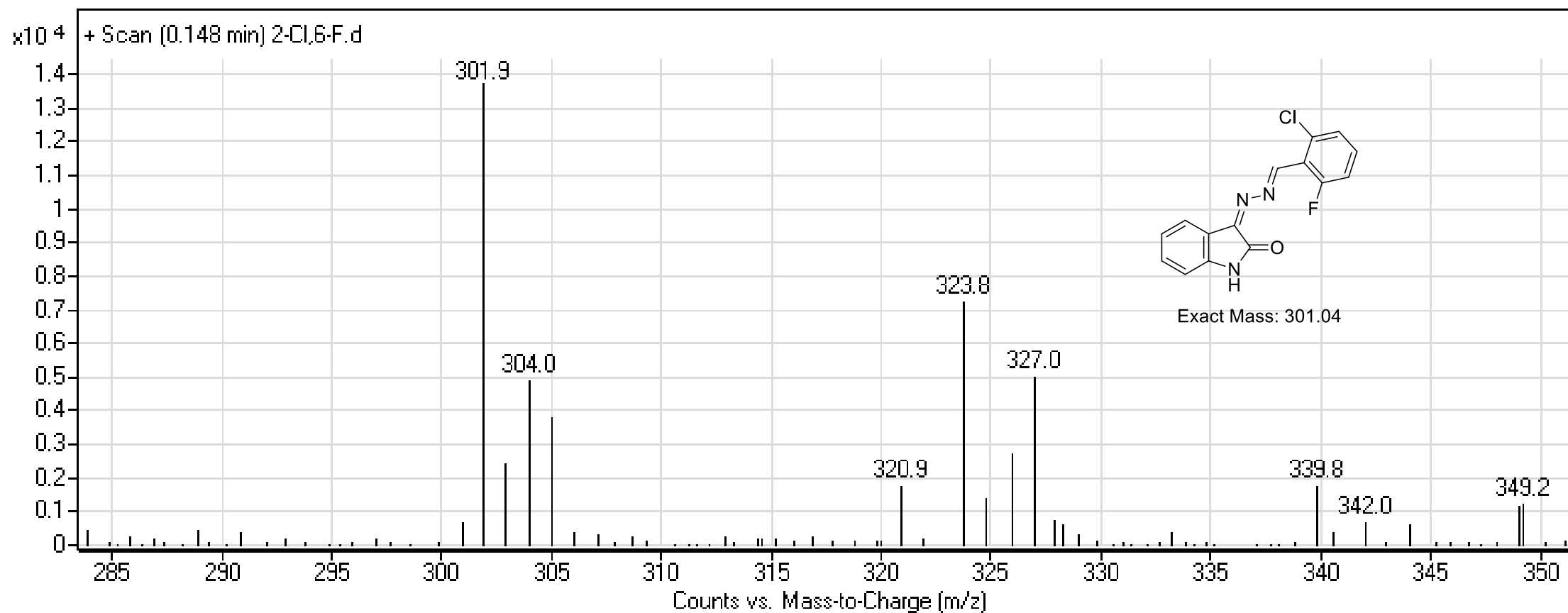


Figure S23. Mass Spectra of **4k**