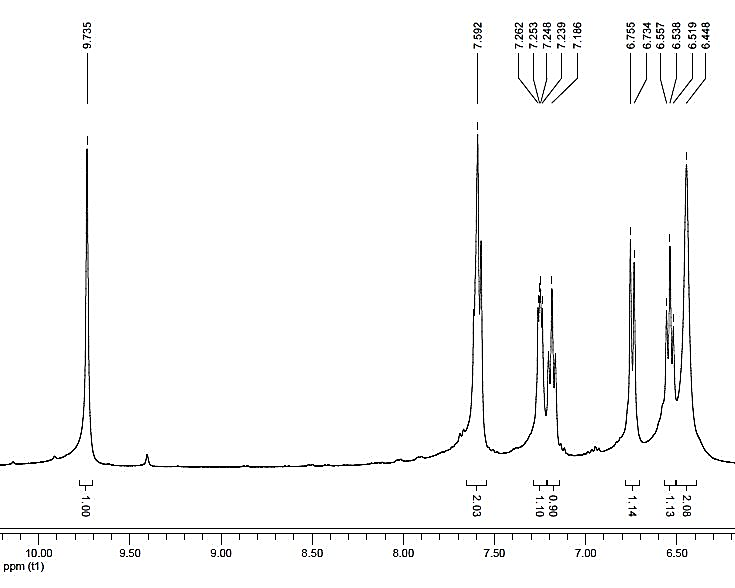
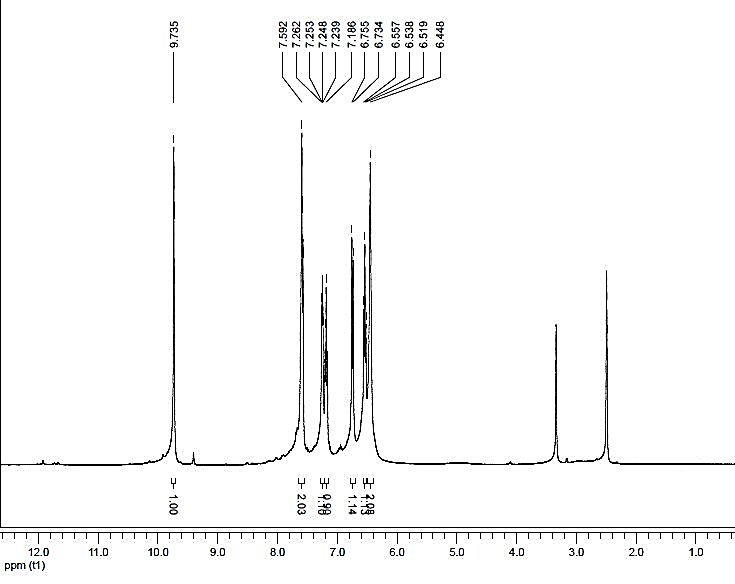
**Ultrasound assisted eco-friendly synthesis of 3-cinnamoyl coumarins using N,N'-(1,2-phenylene)bis(2-aminobenzamide) dichloro cobalt immobilized on mesoporous Al-SBA-15 as a new and recyclable catalyst**

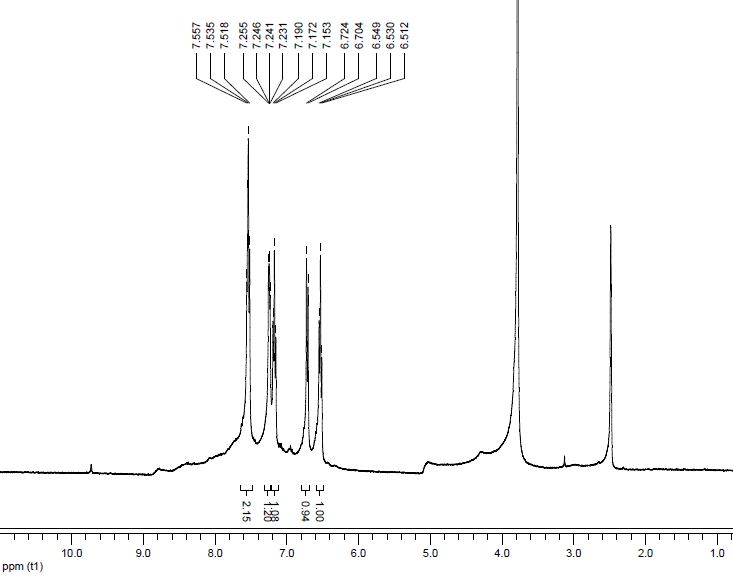
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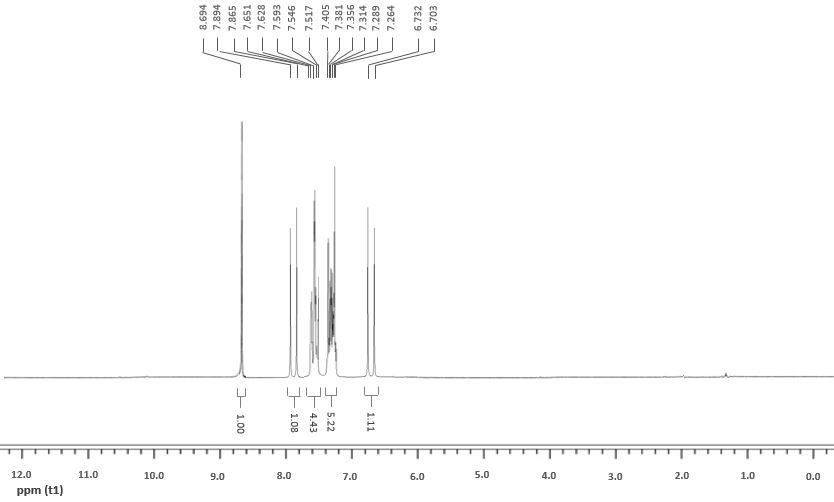




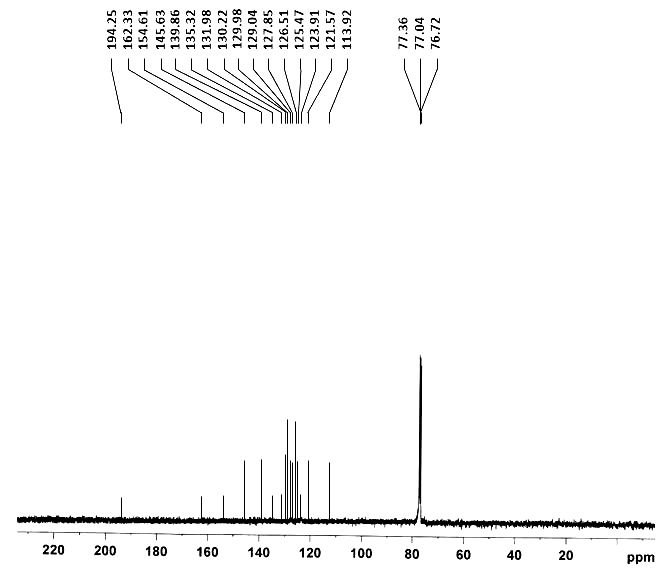
**Fig. S1.** 1HNMR of N,N'-(1,2-phenylene)bis(2-aminobenzamide) ligand in DMSO-d6



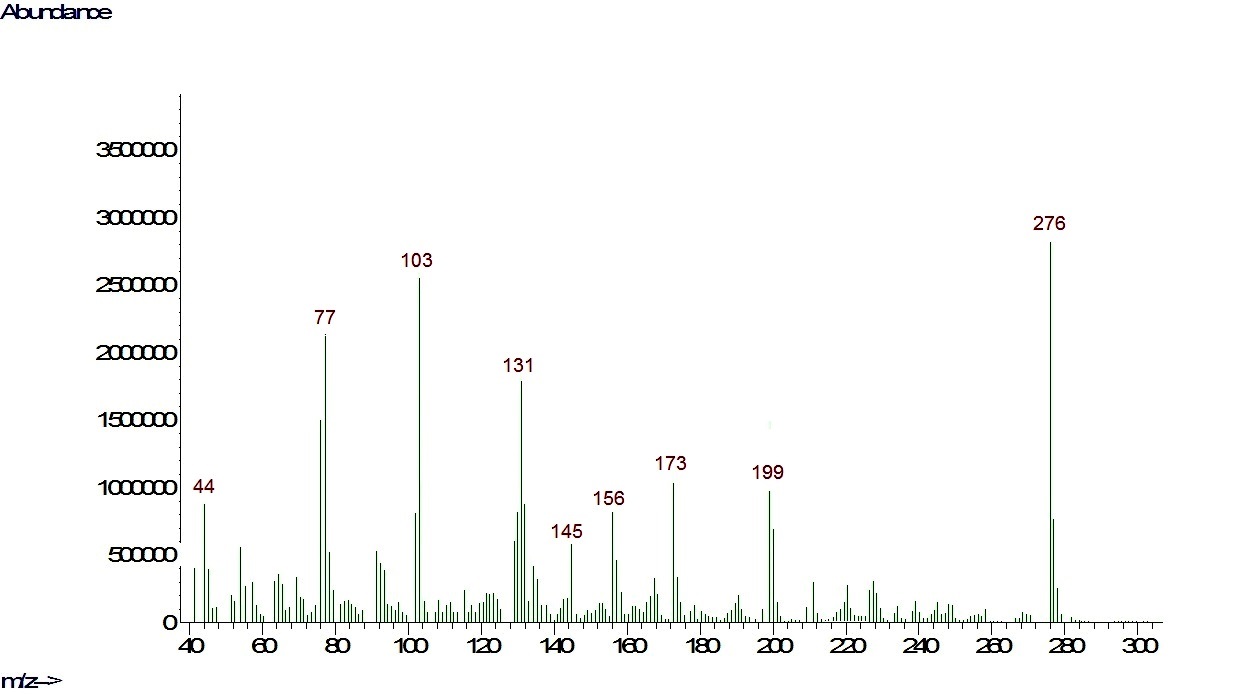
**Fig.S2.** 1HNMR (Exchange with D2O) of N,N'-(1,2-phenylene)bis(2-aminobenzamide) in DMSO-d6

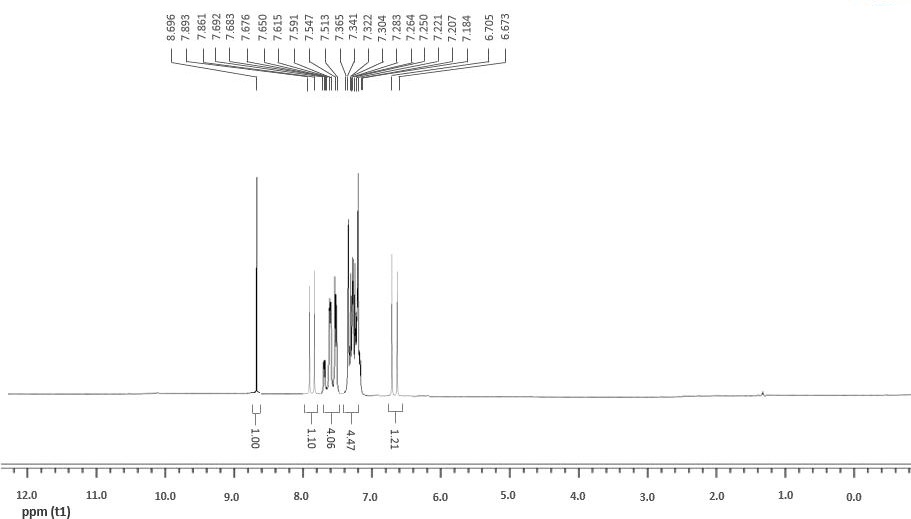


**Fig.S3.** 1H NMR – Compound **4a**

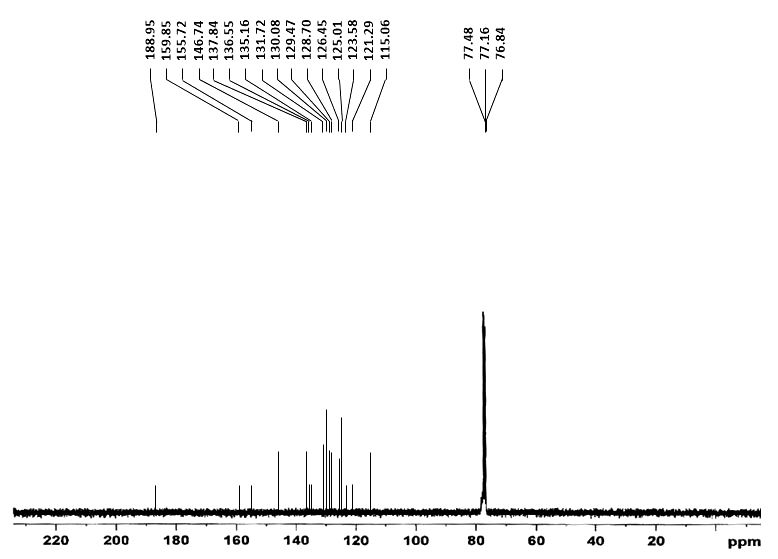


**Fig.S4.** 13C NMR – Compound **4a**

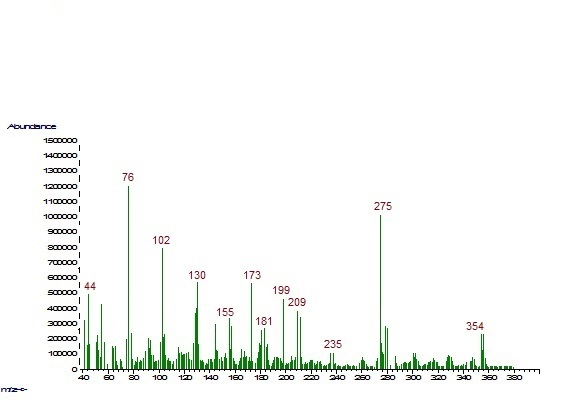
 **Fig.S5. MS** – Compound **4a**



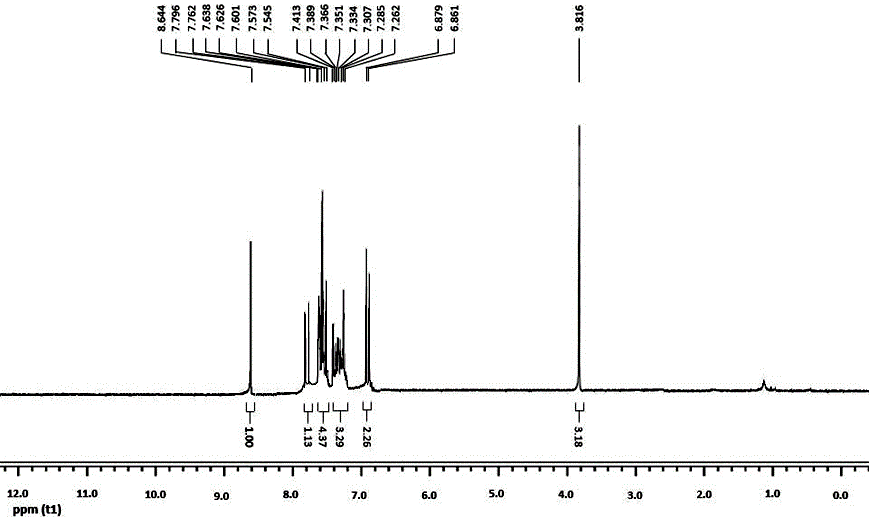
**Fig.S6.** 1H NMR – Compound **4b**



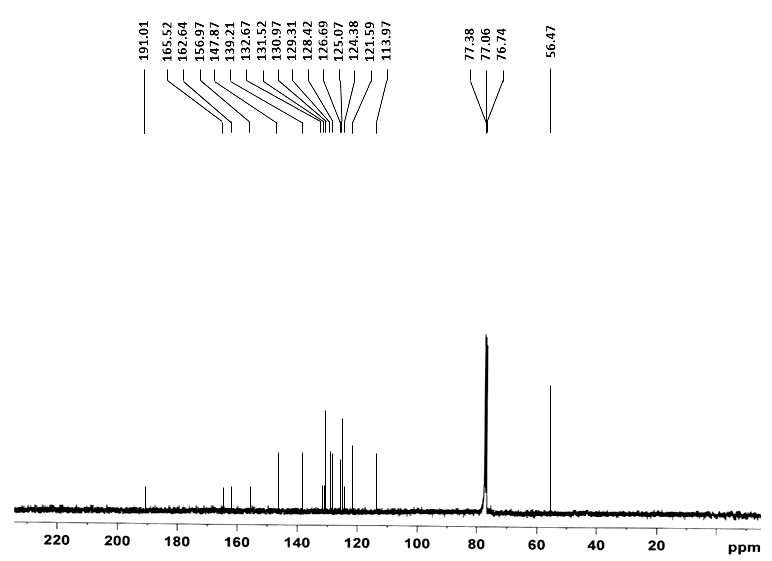
**Fig.S7.** 13C NMR – Compound **4b**



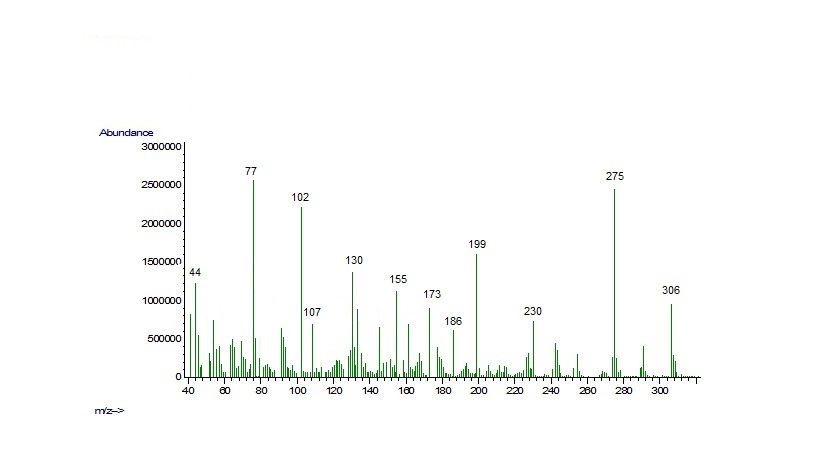
**Fig.S8. MS** – Compound **4b**



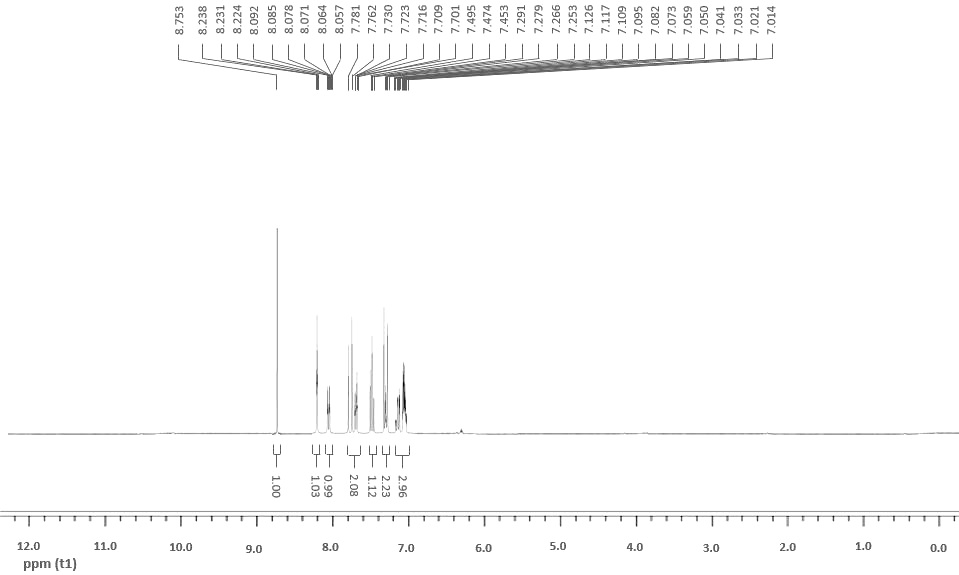
**Fig.S9.** 1H NMR – Compound **4c**



**Fig.S10.** 13C NMR – Compound **4c**



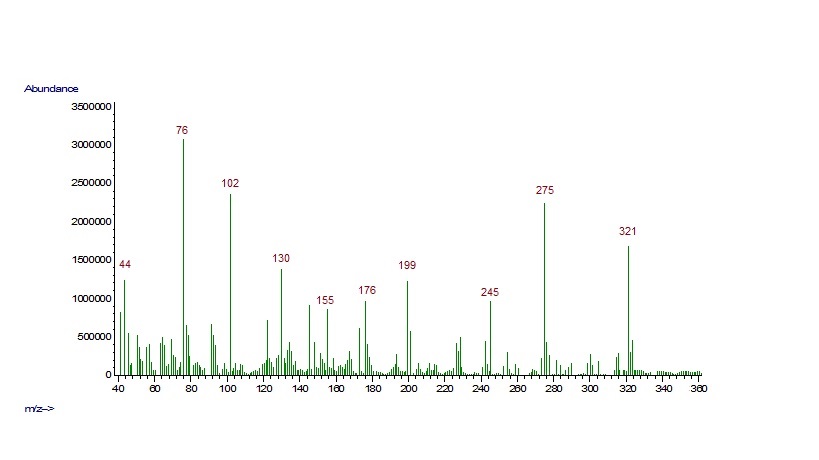
**Fig.S11. MS** – Compound **4c**



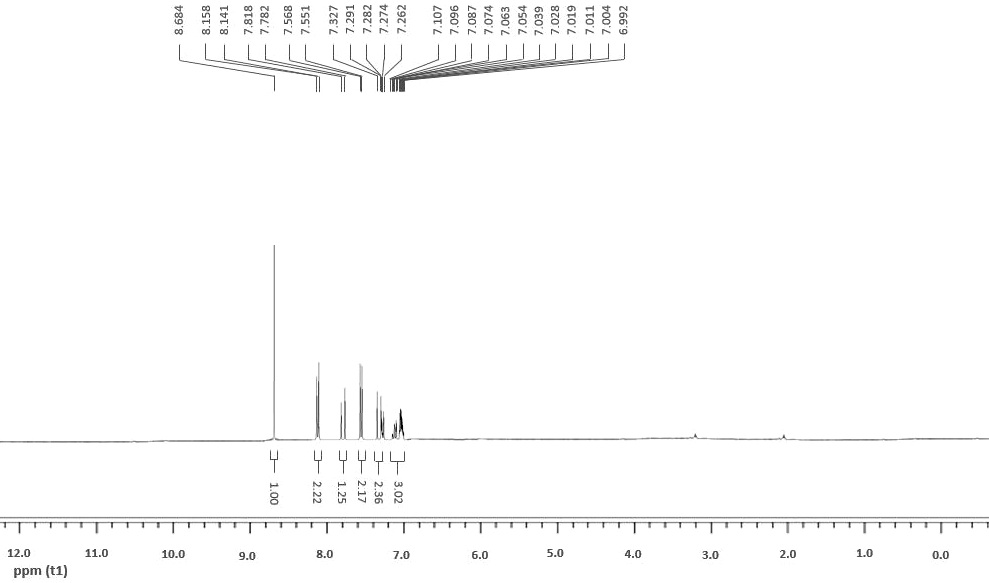
**Fig.S12.** 1H NMR – Compound **4d**



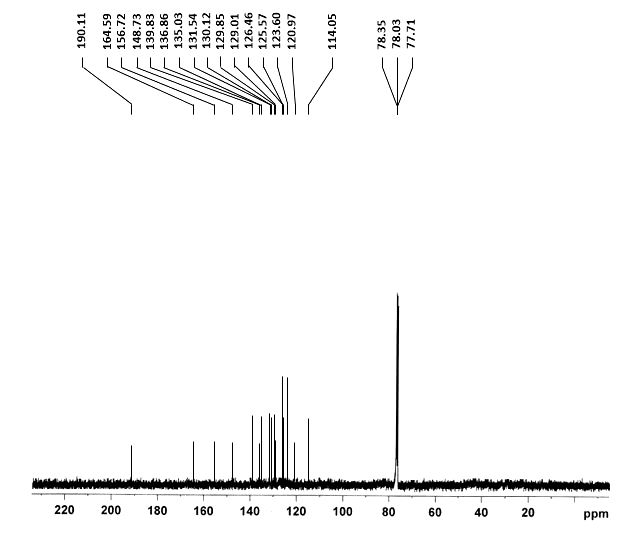
**Fig.S13.** 13C NMR – Compound **4d**



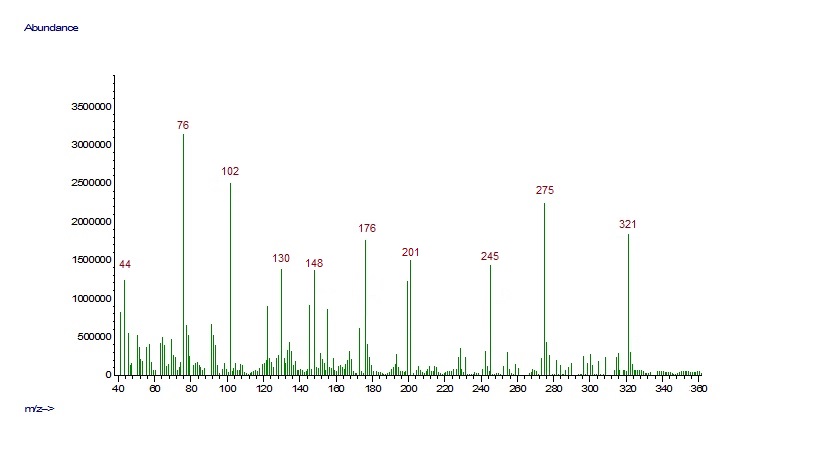
**Fig.S14. MS** – Compound **4d**



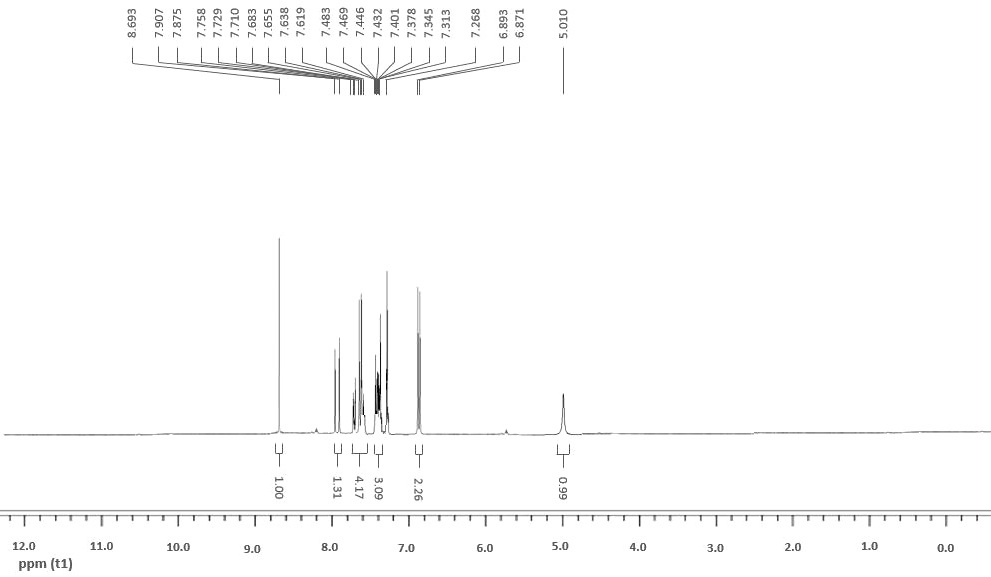
**Fig.S15.** 1H NMR – Compound **4e**



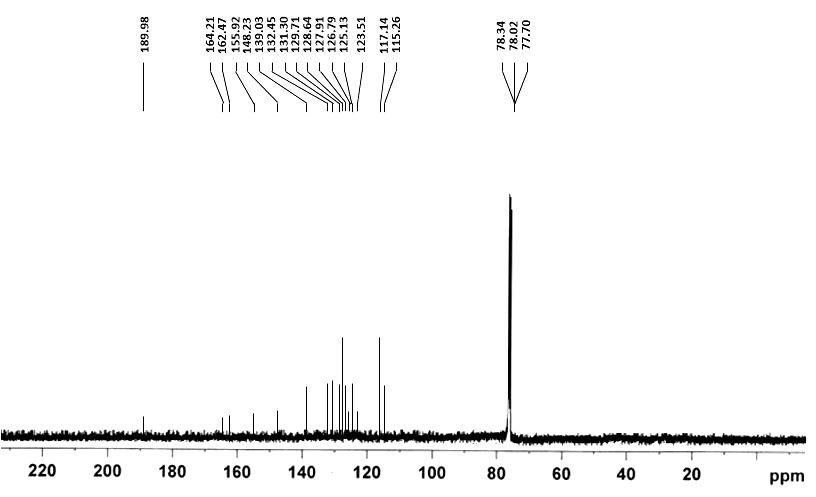
**Fig.S16.** 13C NMR – Compound **4e**



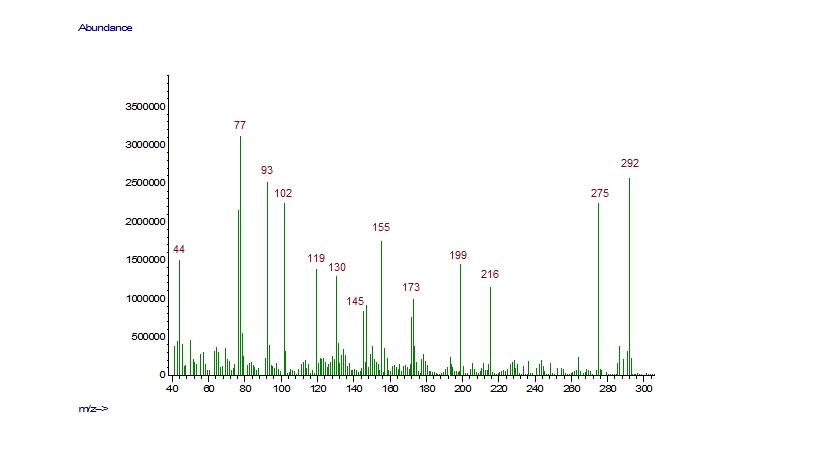
**Fig.S17. MS** – Compound **4e**



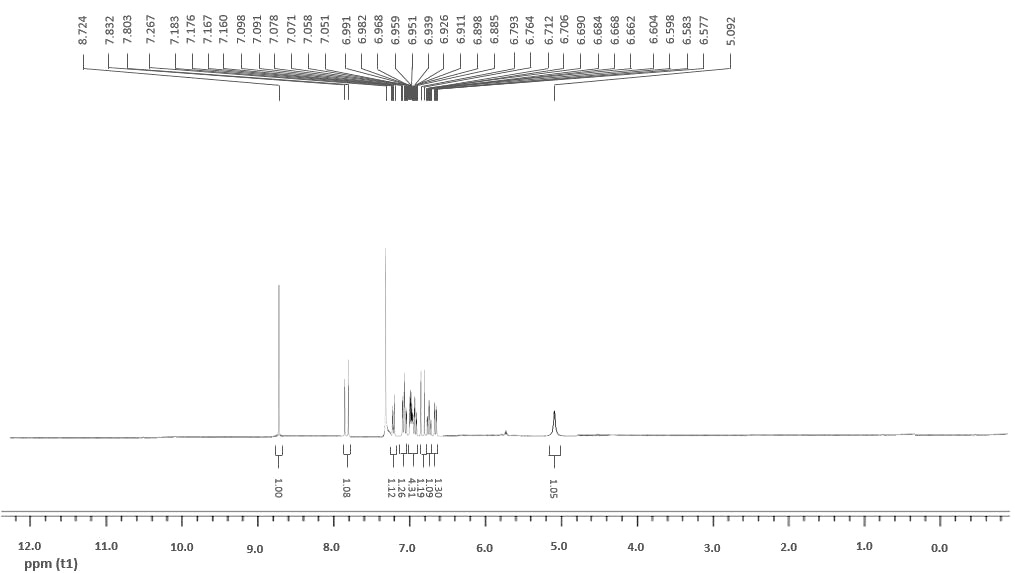
**Fig.S18.** 1H NMR – Compound **4f**



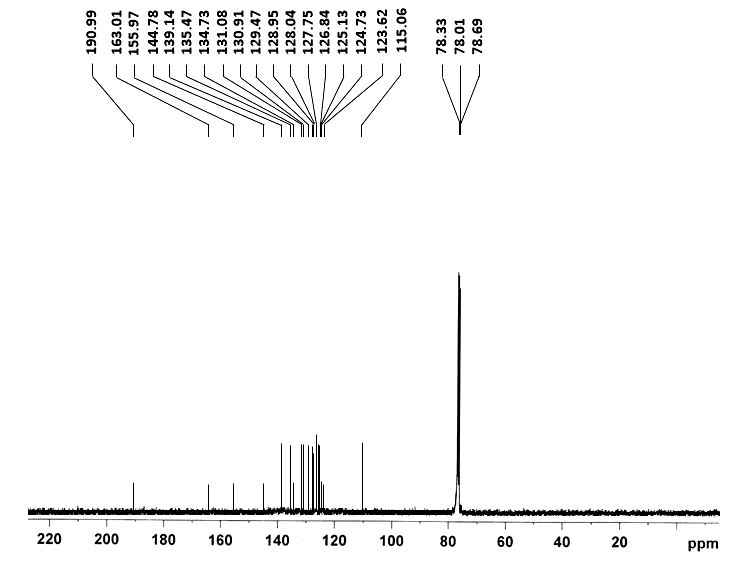
**Fig.S19.** 13C NMR – Compound **4f**

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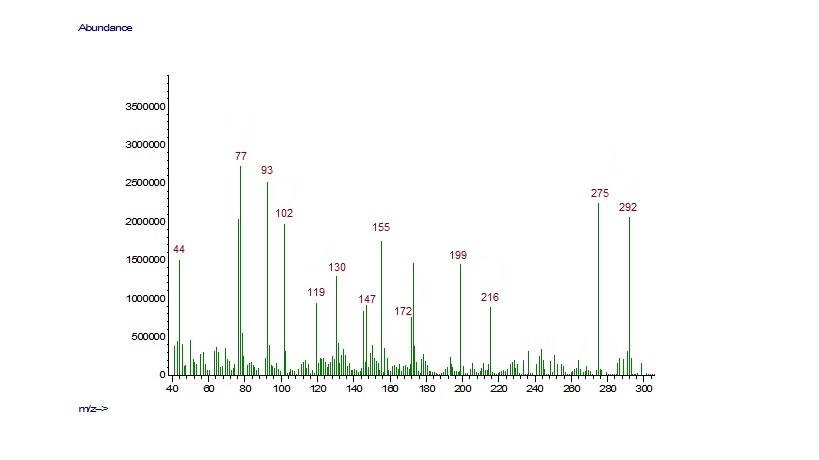
**Fig.S20. MS** – Compound **4f**



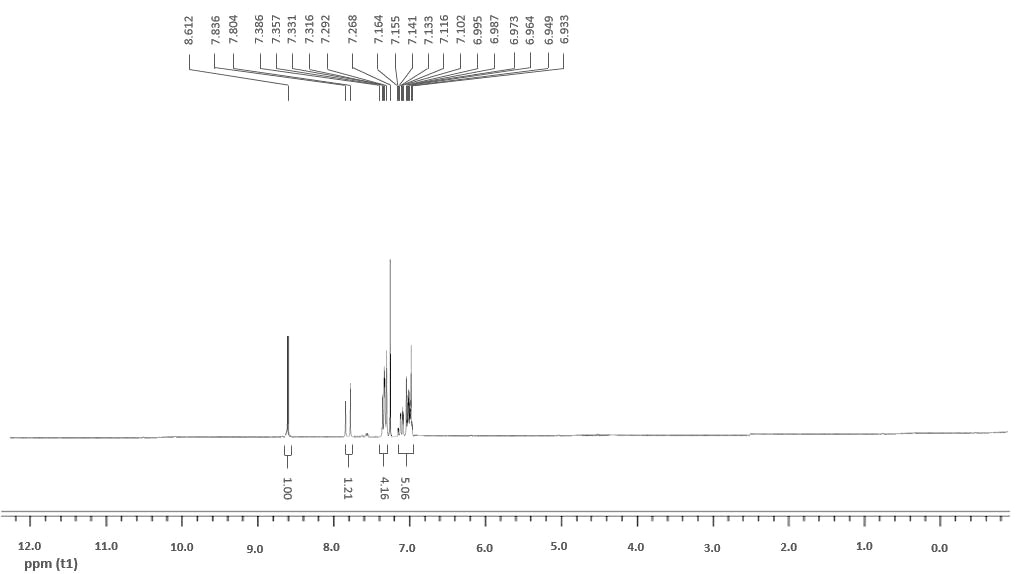
**Fig.S21.** 1H NMR – Compound **4g**

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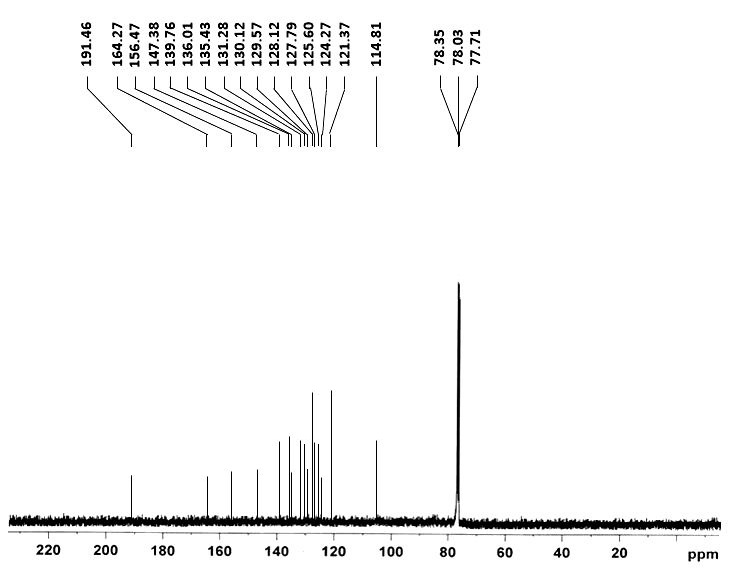
**Fig.S22.** 13C NMR – Compound **4g**

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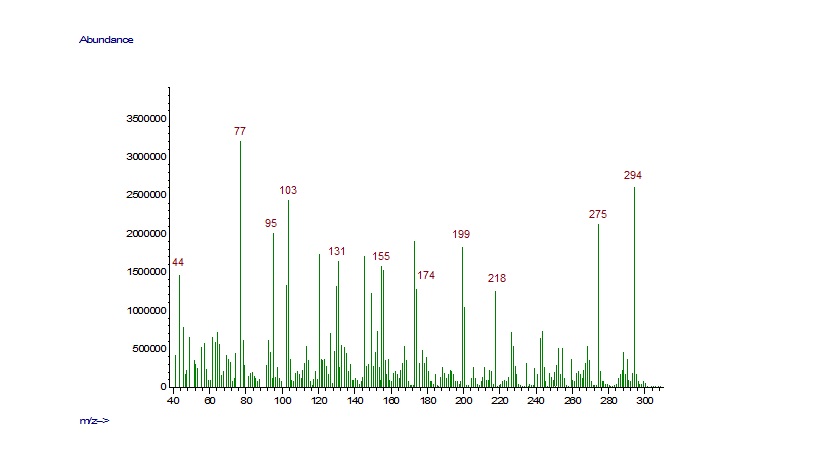
**Fig.S23. MS** – Compound **4g**



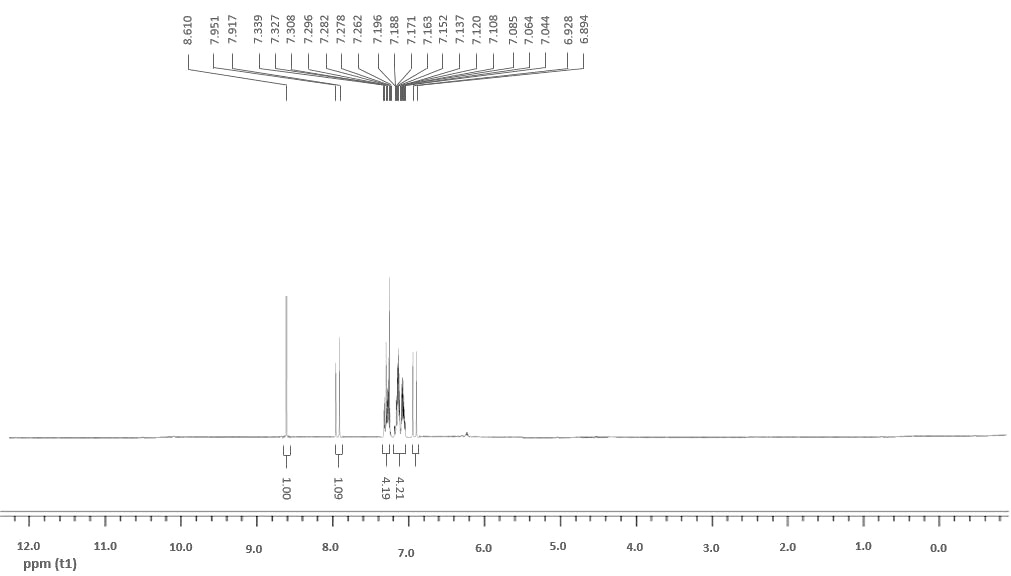
**Fig.S24.** 1H NMR – Compound **4h**

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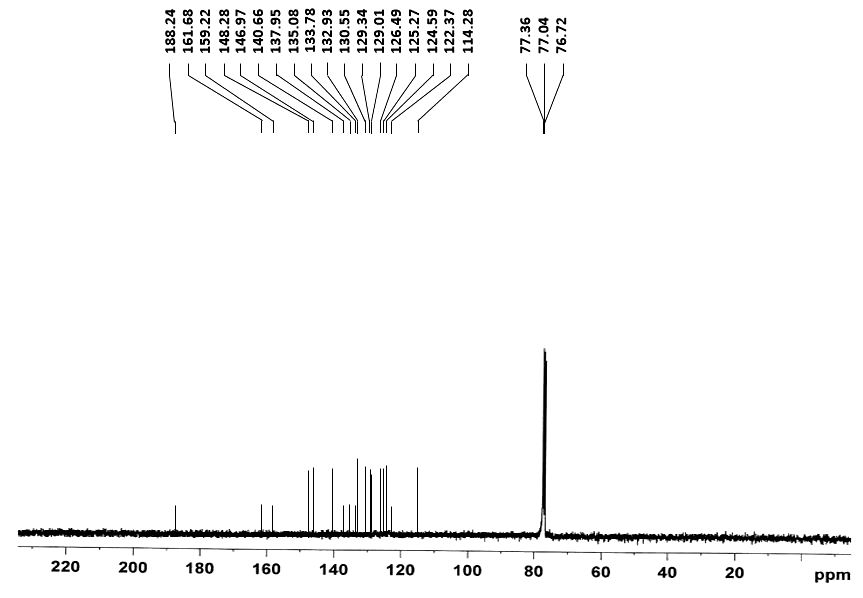
**Fig.S25.** 13C NMR – Compound **4h**

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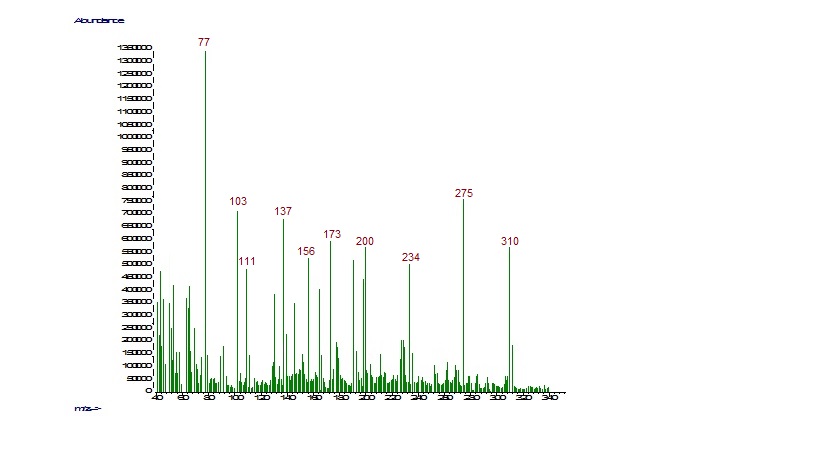
**Fig.S26. MS** – Compound **4h**



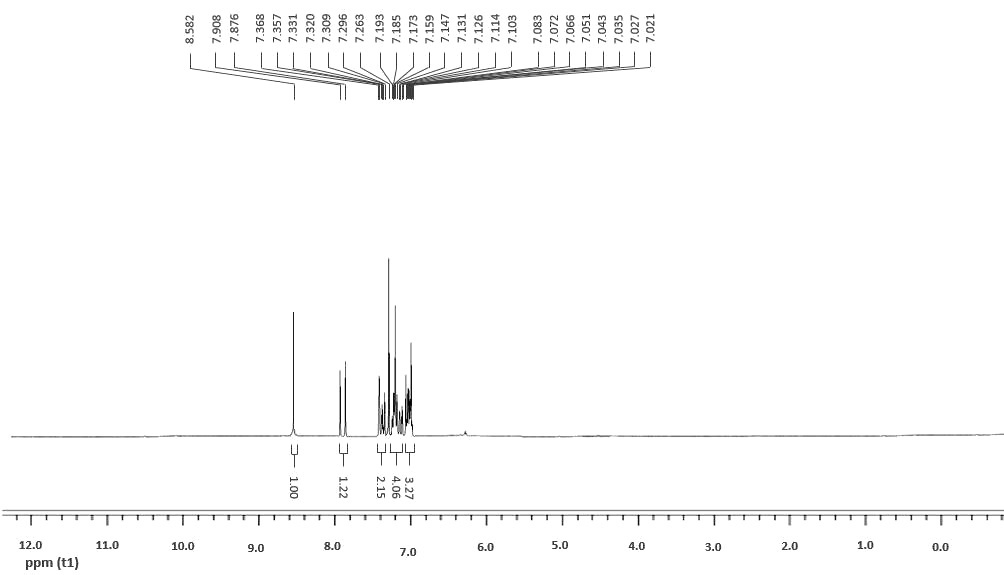
**Fig.S27.** 1H NMR – Compound **4i**

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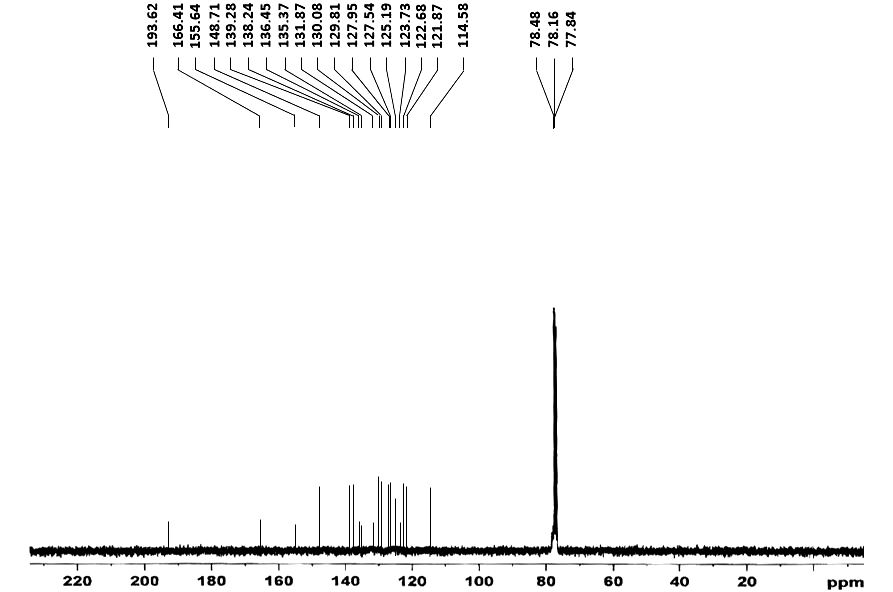
**Fig.S28.** 13C NMR – Compound **4i**

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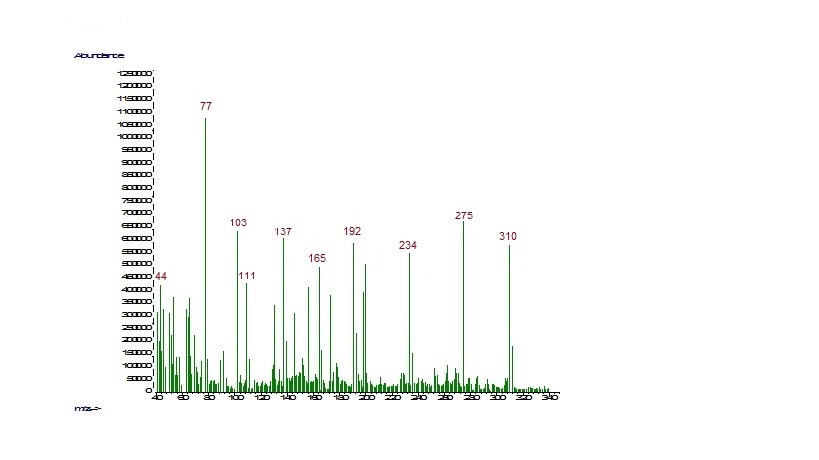
**Fig.S29. MS** – Compound **4i**



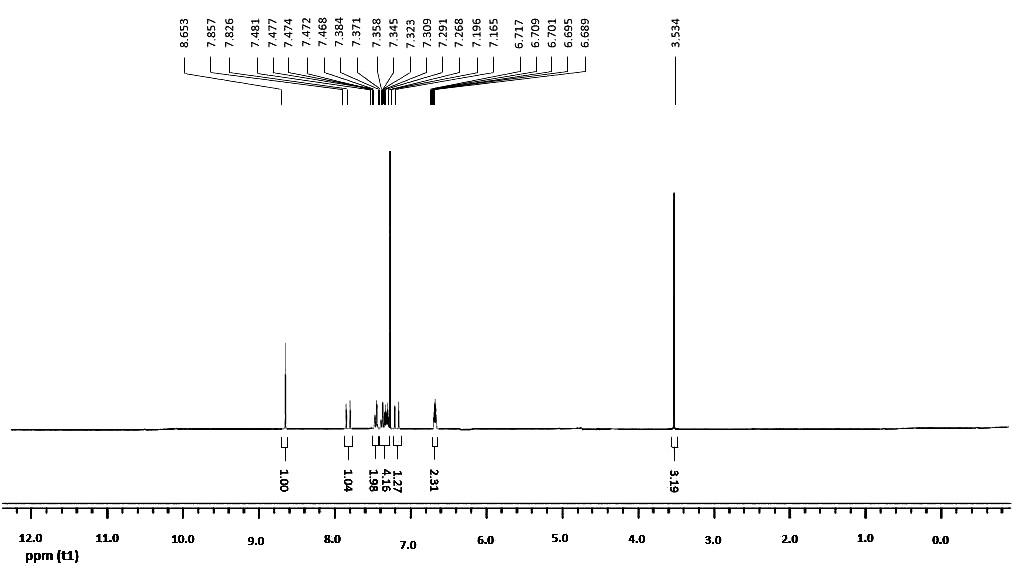
**Fig.S30.** 1H NMR – Compound **4j**

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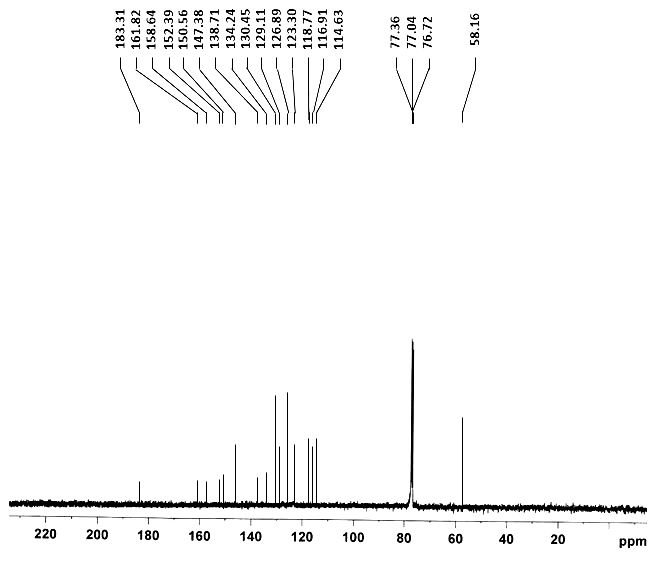
**Fig.S31.** 13C NMR – Compound **4j**

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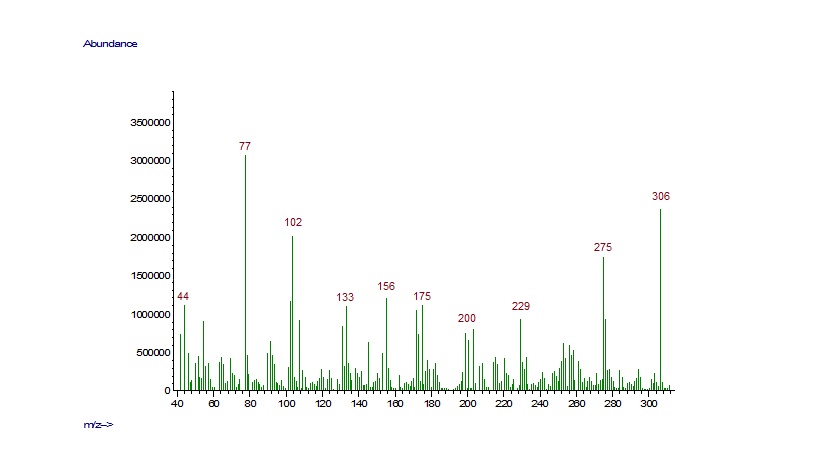
**Fig.S32. MS** – Compound **4j**



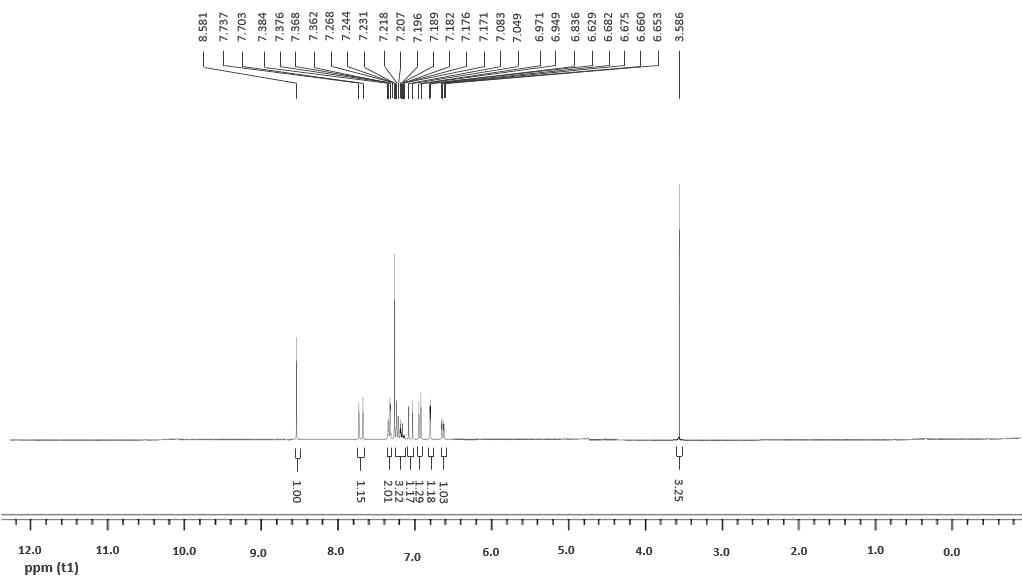
**Fig.S33.** 1H NMR – Compound **4k**

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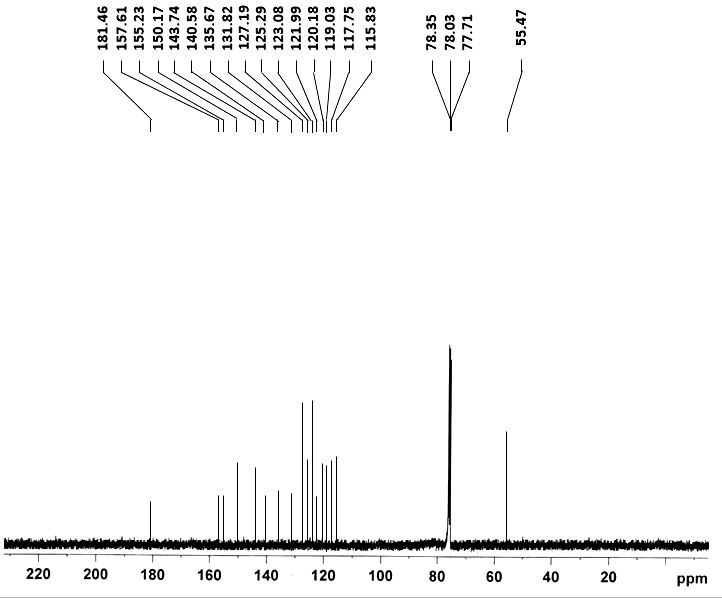
**Fig.S34.** 13C NMR – Compound **4k**

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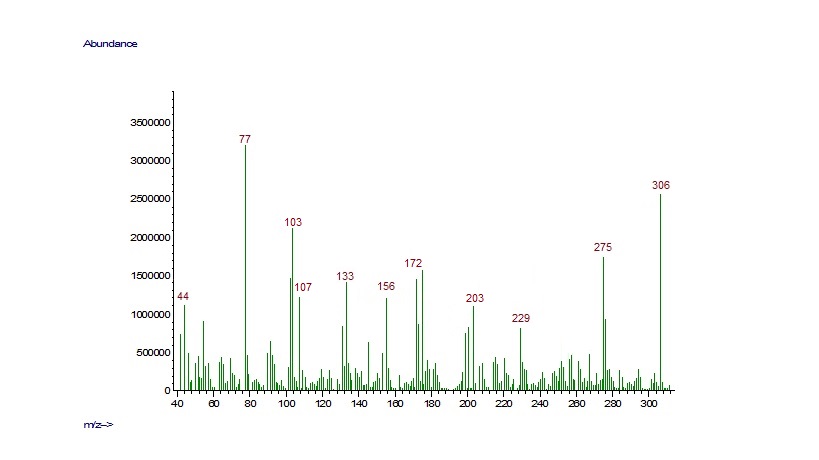
**Fig.S35. MS** – Compound **4k**



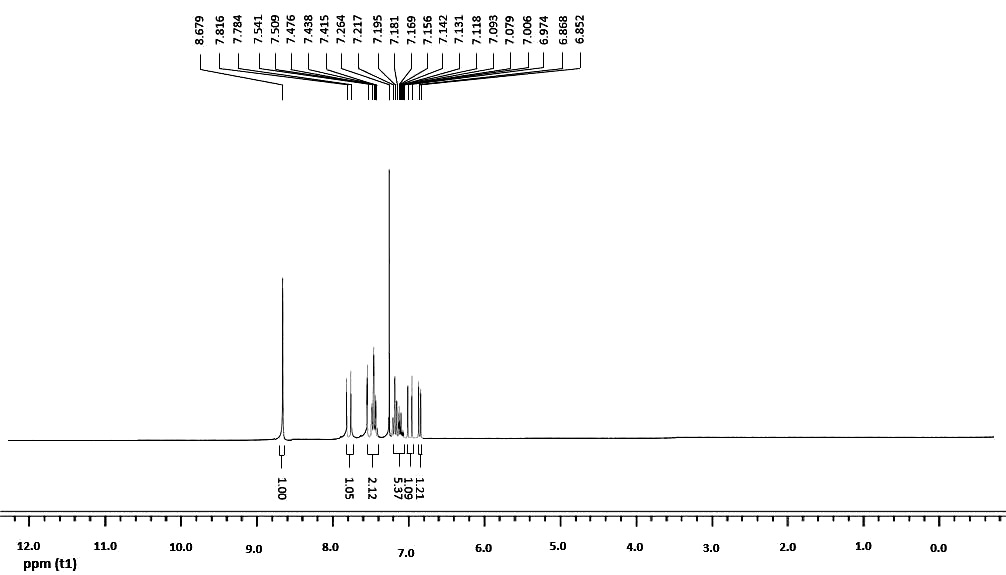
**Fig.S36.** 1H NMR – Compound **4l**

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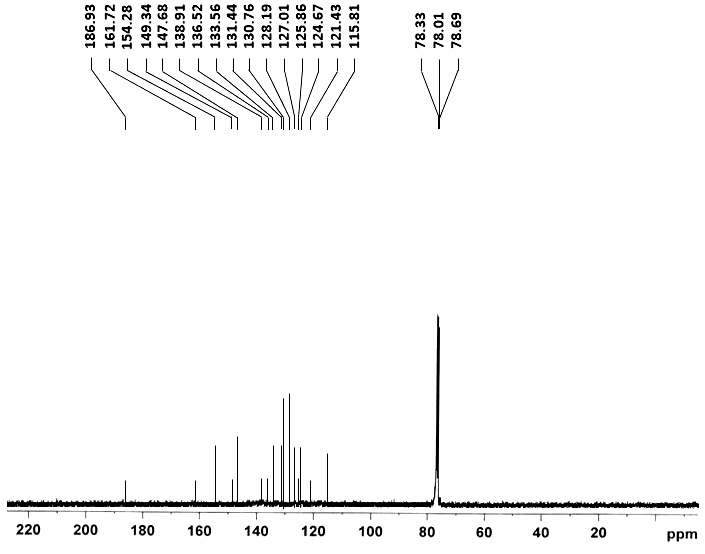
**Fig.S37.** 13C NMR – Compound **4l**

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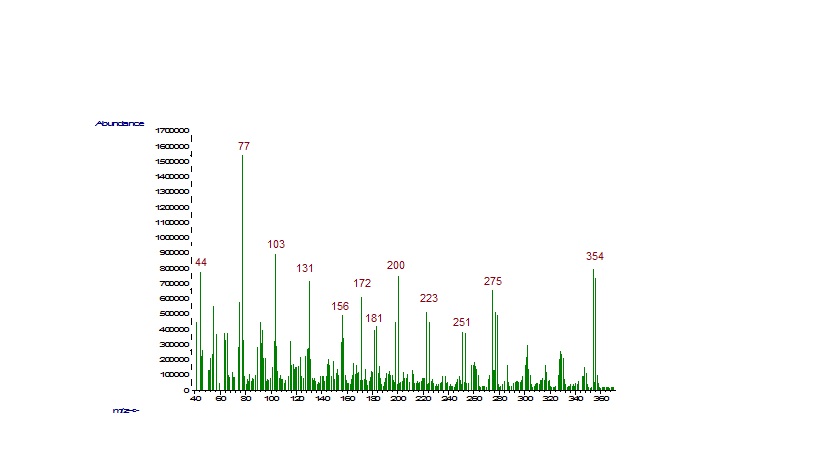
**Fig.S38. MS** – Compound **4l**



**Fig.S39.** 1H NMR – Compound **4m**

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**Fig.S40.** 13C NMR – Compound **4m**

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**Fig.S41. MS** – Compound **4m**