

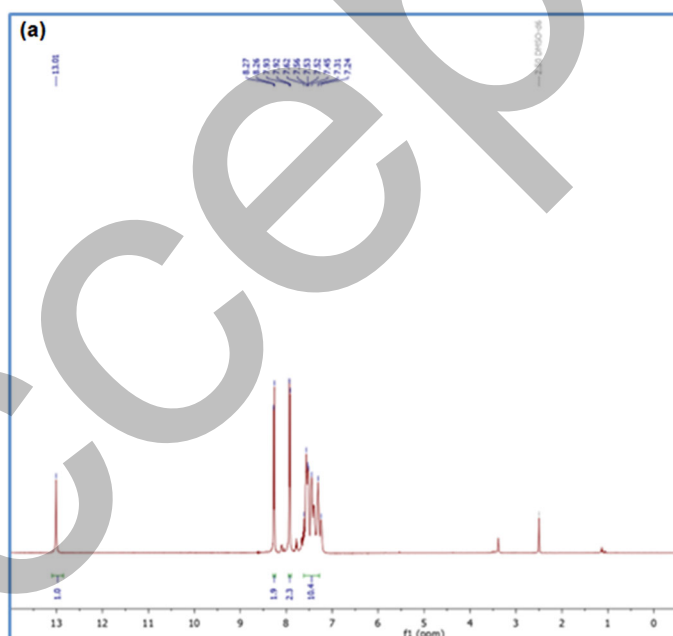
Supplementary Data

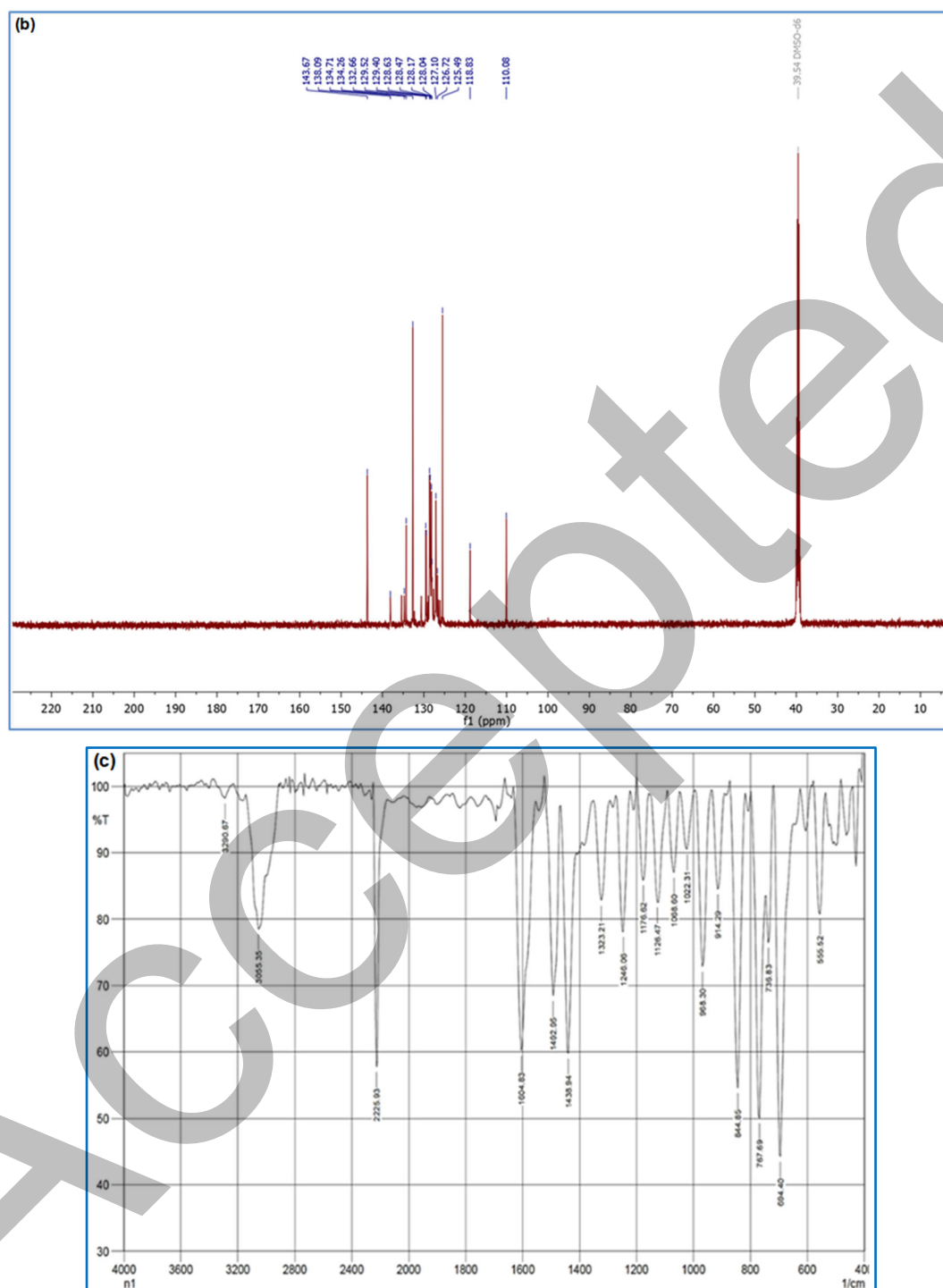
This supplementary data is a part of a paper entitled “Ultrasound-Assisted One-Pot Synthesis and Anti-Inflammatory Evaluation of 2,4,5-Trisubstituted Imidazoles with Hemocompatibility Assessment”.

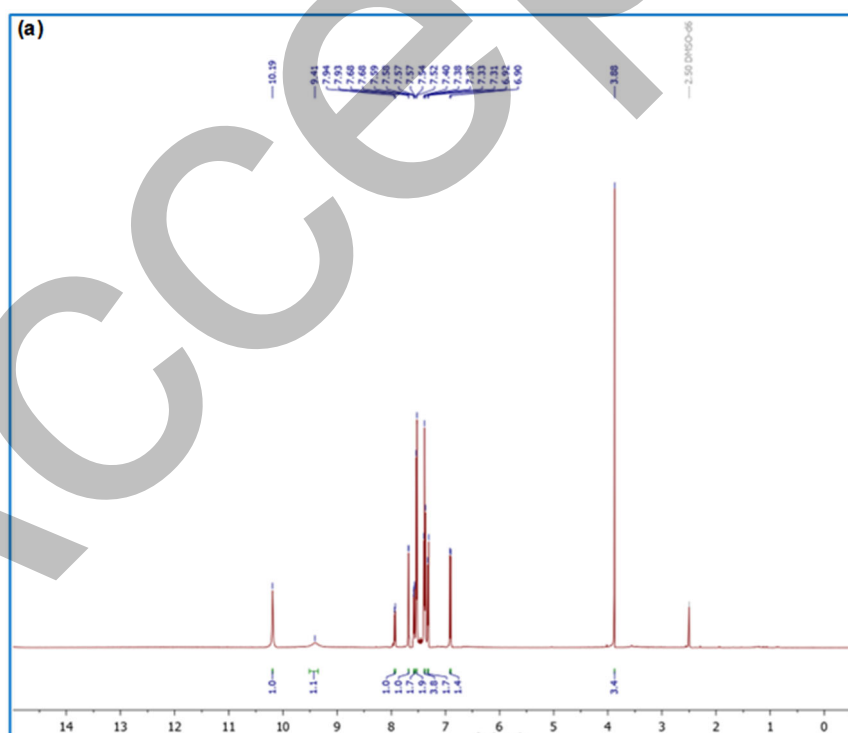
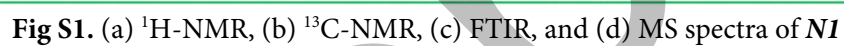
Table S1. Aldehydes used for the synthesis of imidazole derivatives (1.0 mmol scale; liquid volumes at 25 °C)

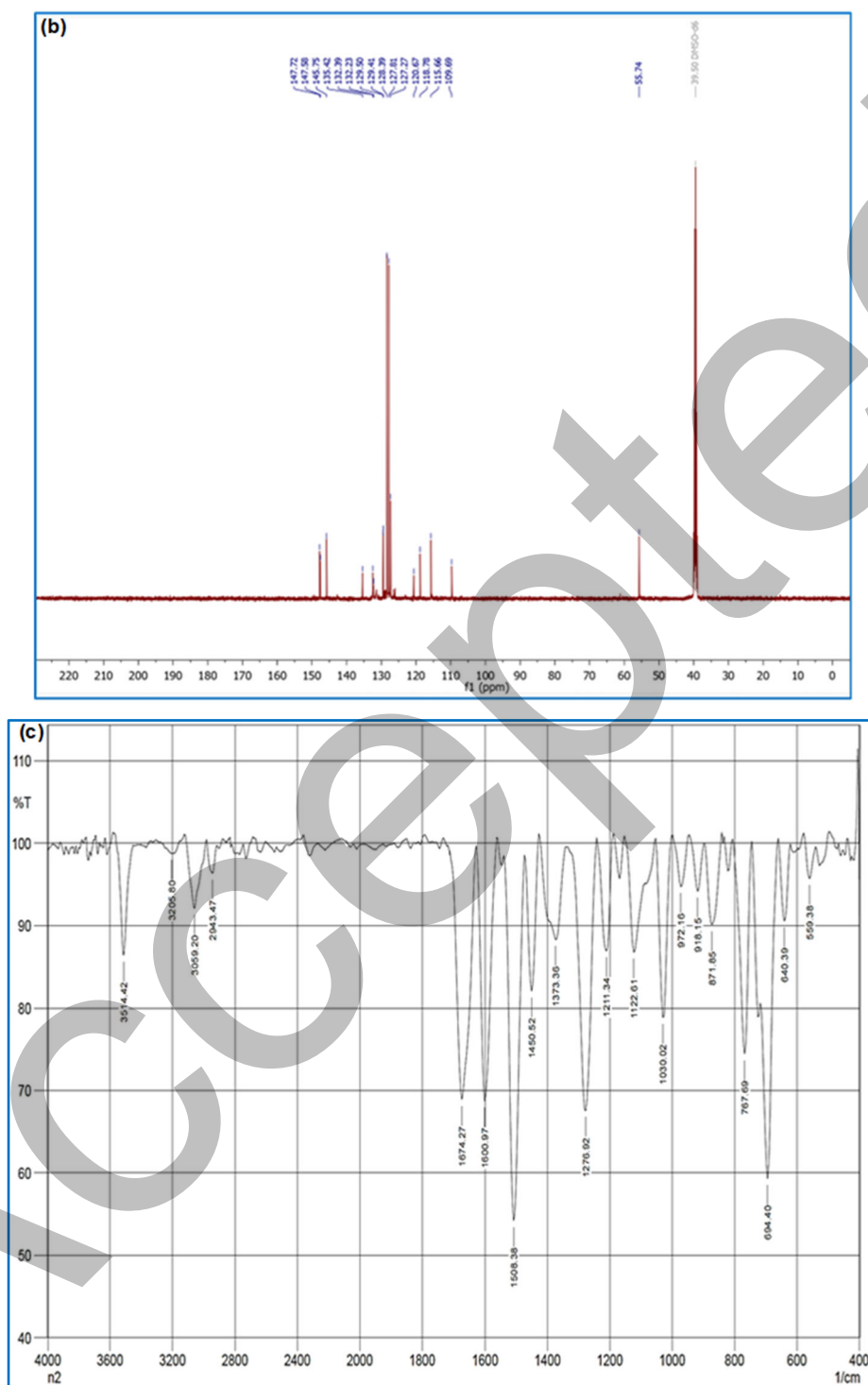
Entry	Aldehyde used	Physical state	Amount (g or mL)
N1	4-Formylbenzonitrile	Solid	0.131 g
N2	2-Hydroxy-4-methoxybenzaldehyde	Solid	0.152 g
N3	4-(Dimethylamino)benzaldehyde	Solid	0.149 g
N4	Thiophene-2-carbaldehyde	Liquid	0.102 mL
N5	3-Methylthiophene-2-carbaldehyde	Liquid	0.119 mL
N6	5-Methylthiophene-2-carbaldehyde	Liquid	0.119 mL
N7	4-Methoxybenzaldehyde (<i>p</i> -anisaldehyde)	Liquid	0.122 mL
N8	4-Hydroxybenzaldehyde	Solid	0.122 g
N9	3,4-Dimethoxybenzaldehyde	Solid	0.166 g
N10	4-Fluorobenzaldehyde	Solid	0.124 g

Note: Volumes for liquids were calculated from SDS densities at 25 °C









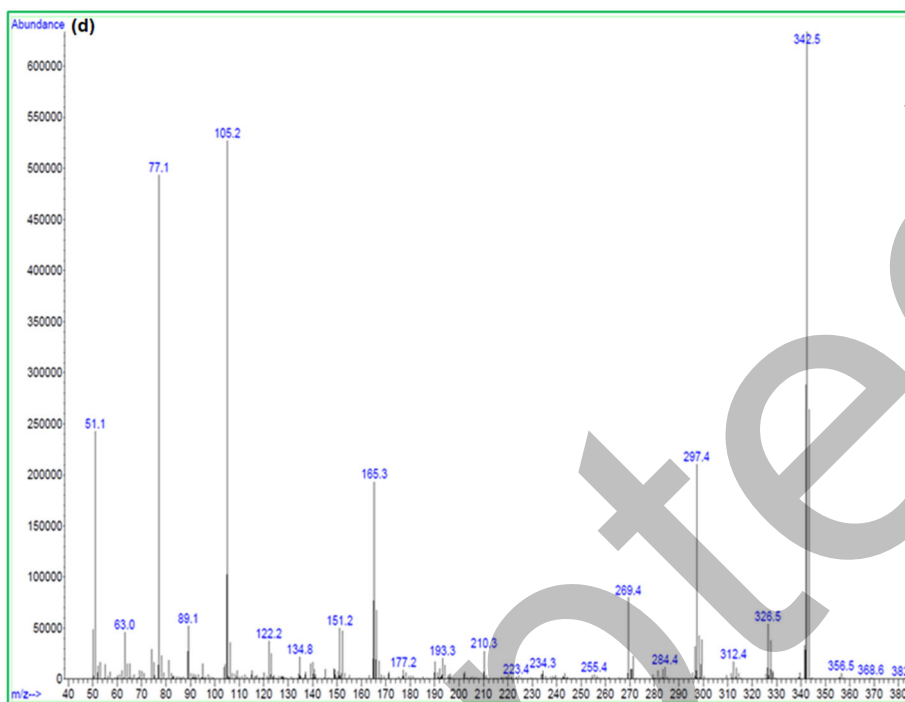
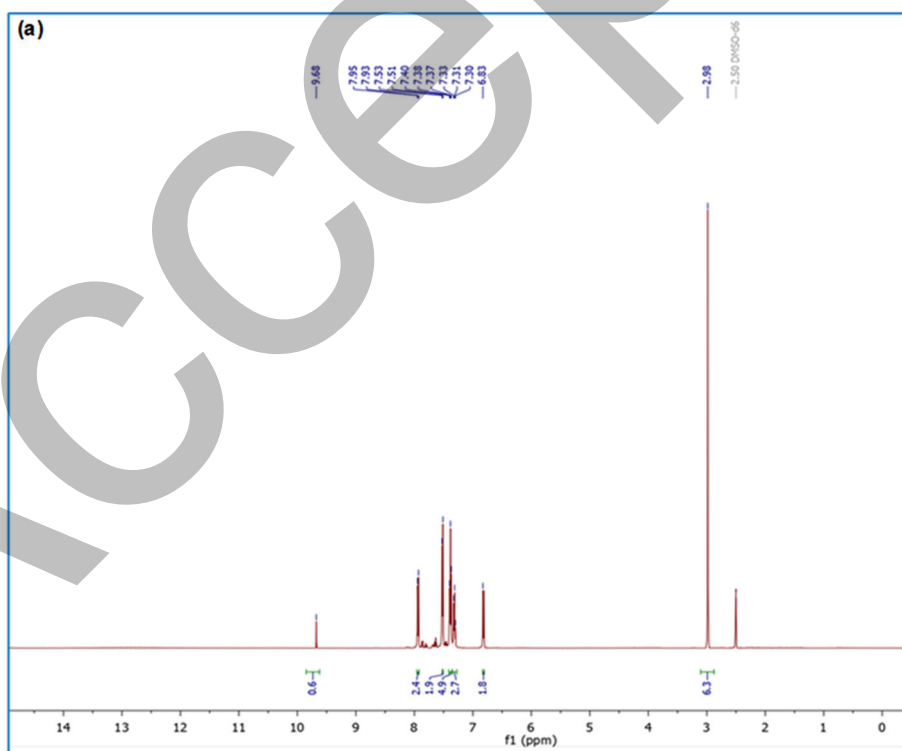
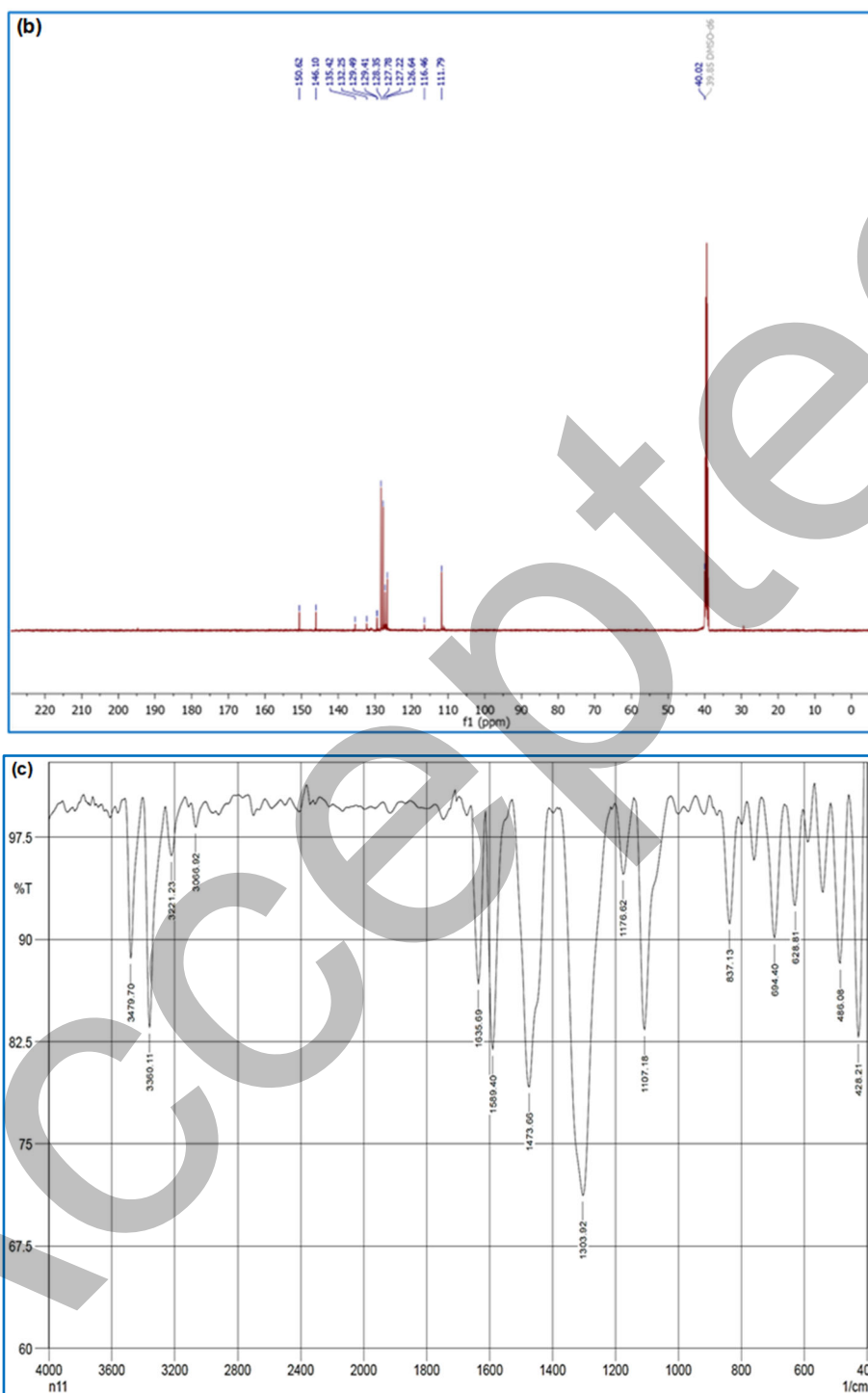


Fig S2. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of N2





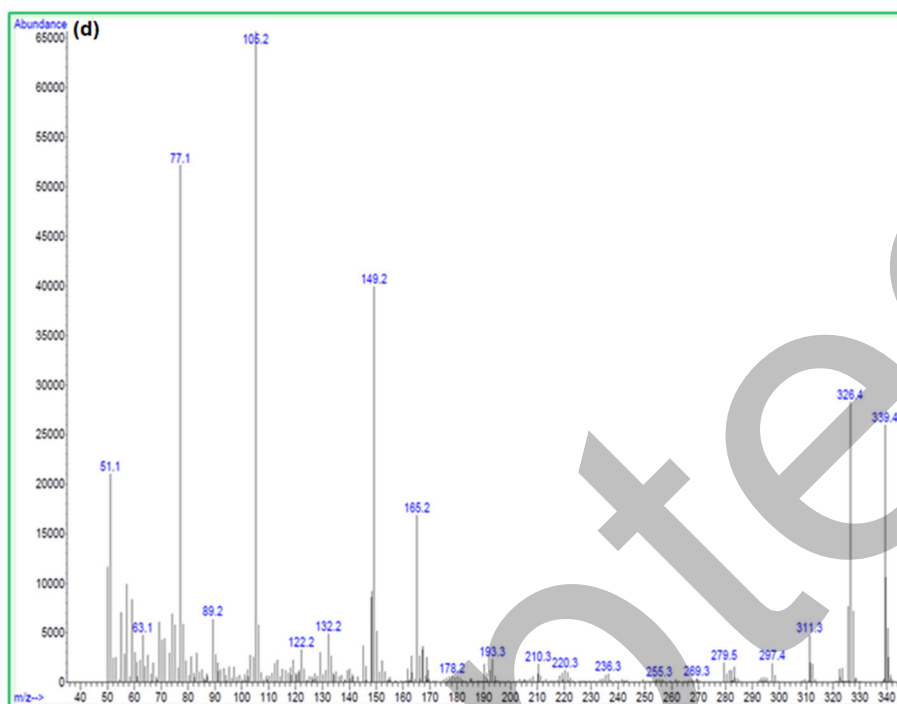
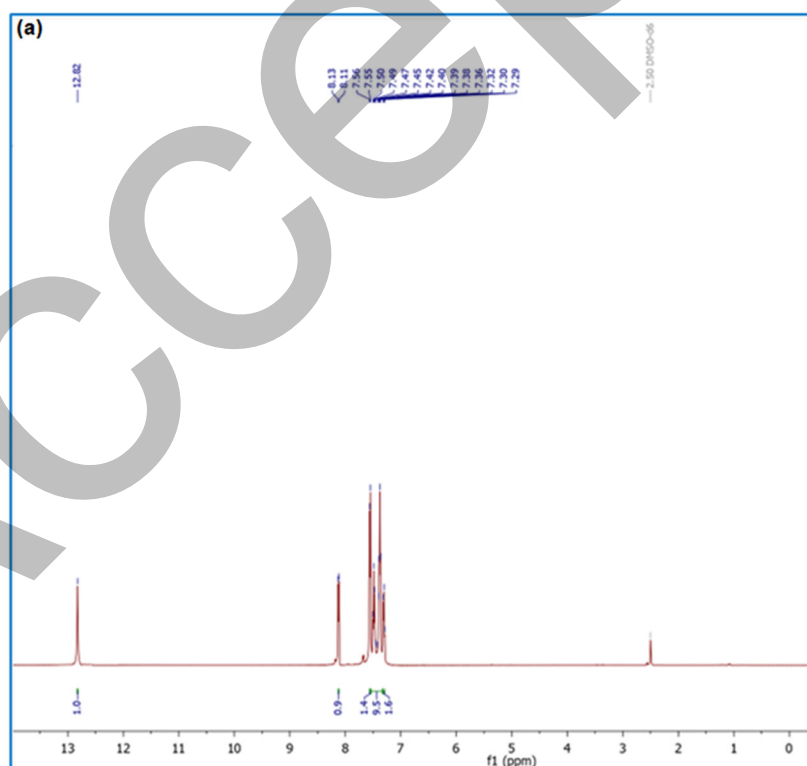
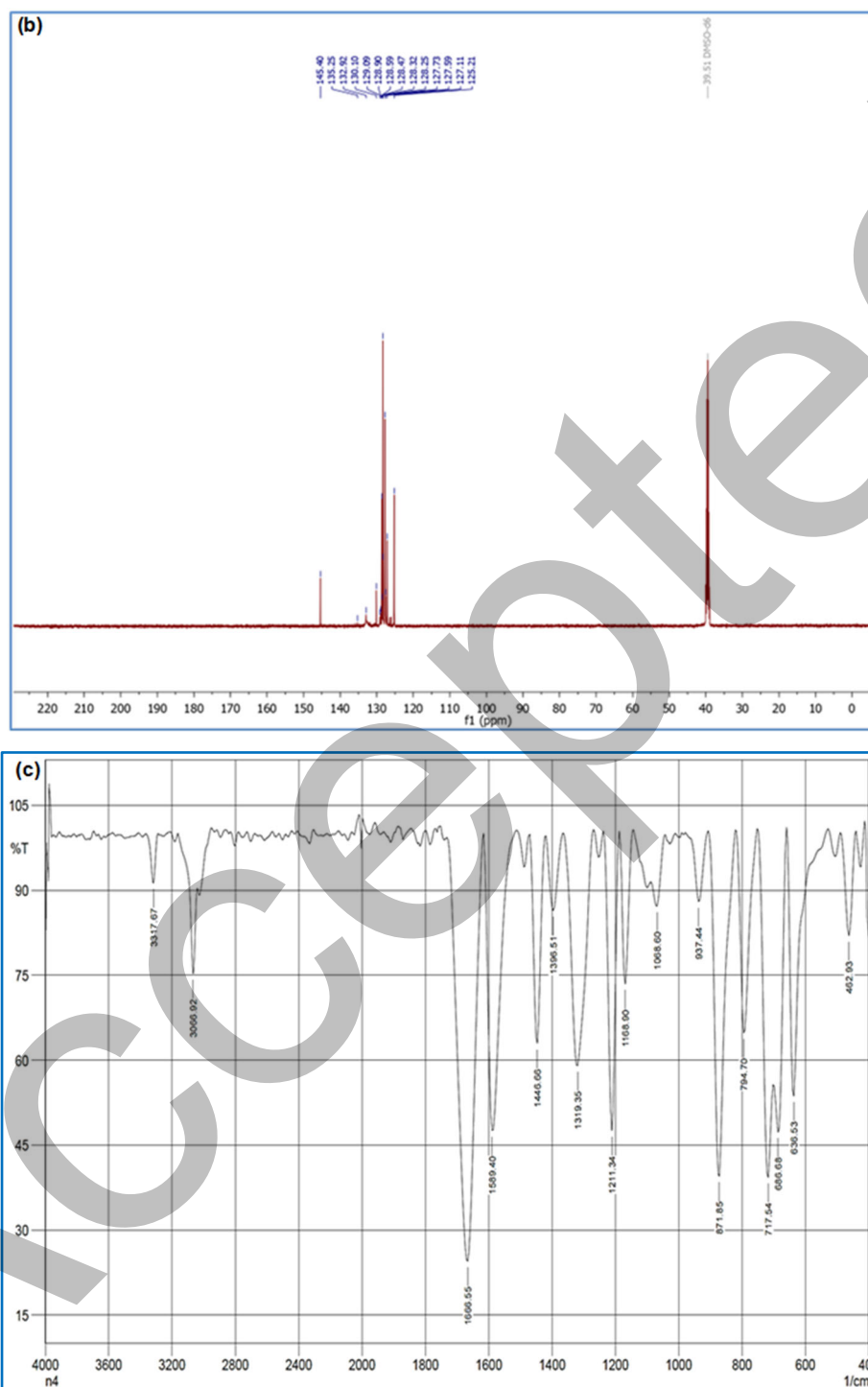


Fig S3. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of N3





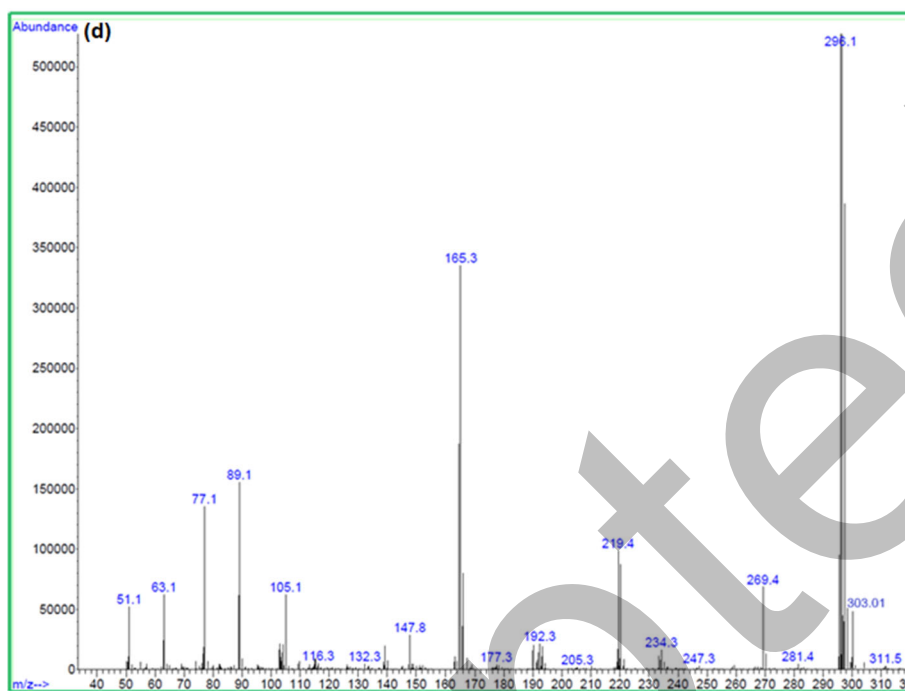
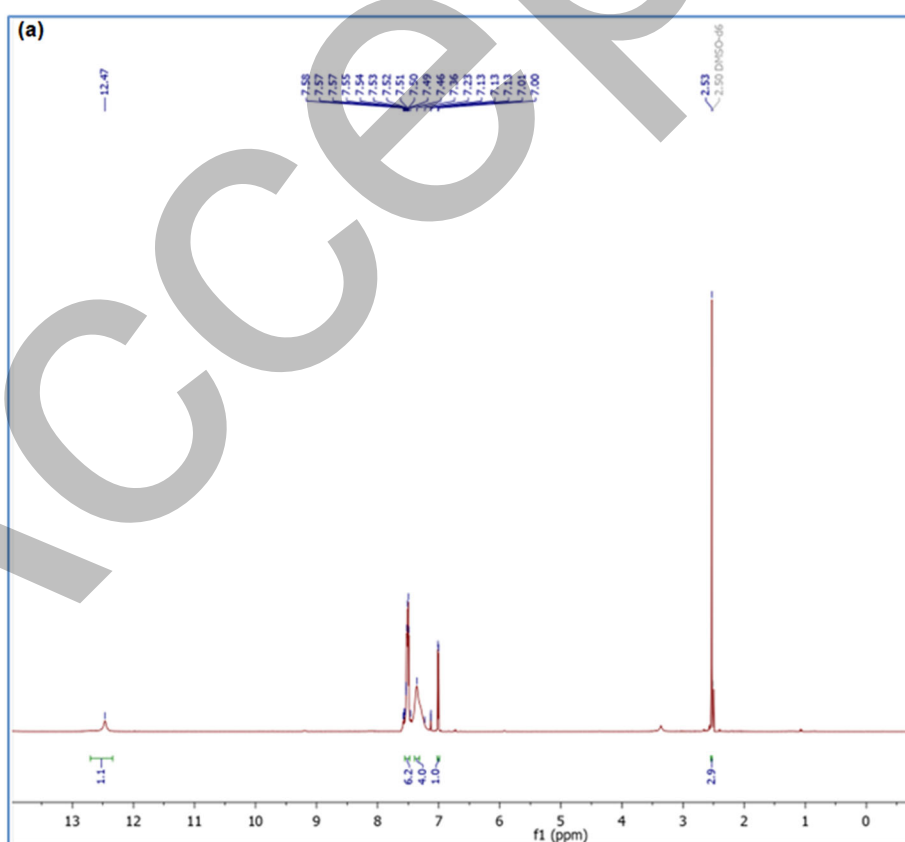
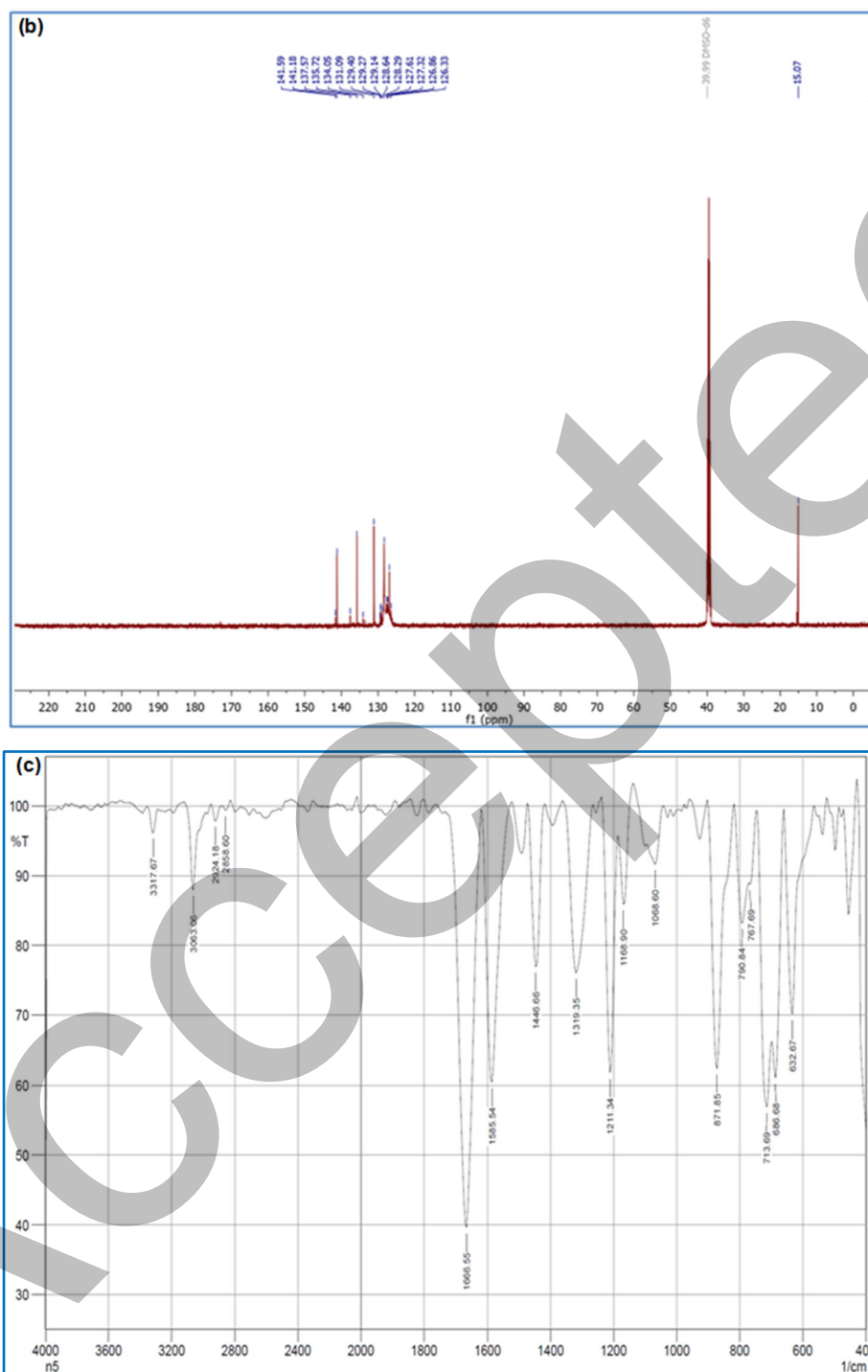


Fig S4. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of N4





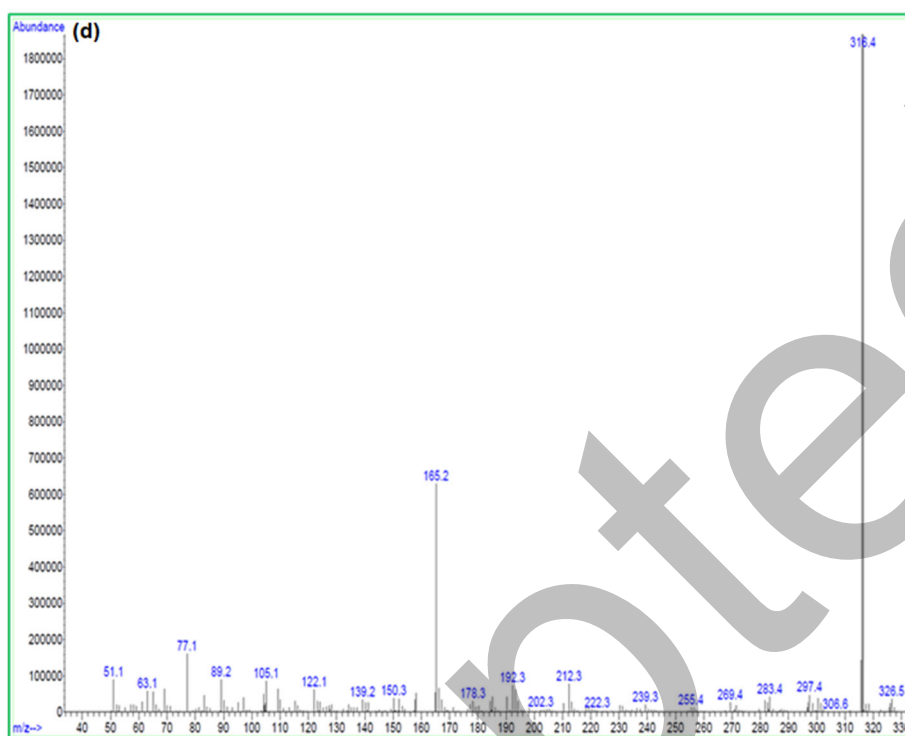
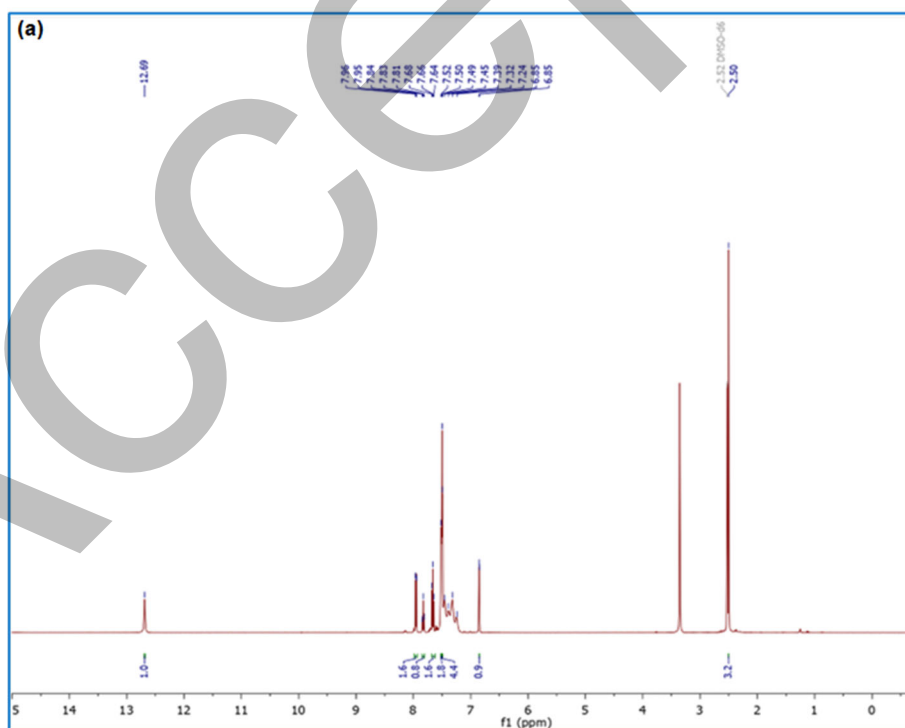
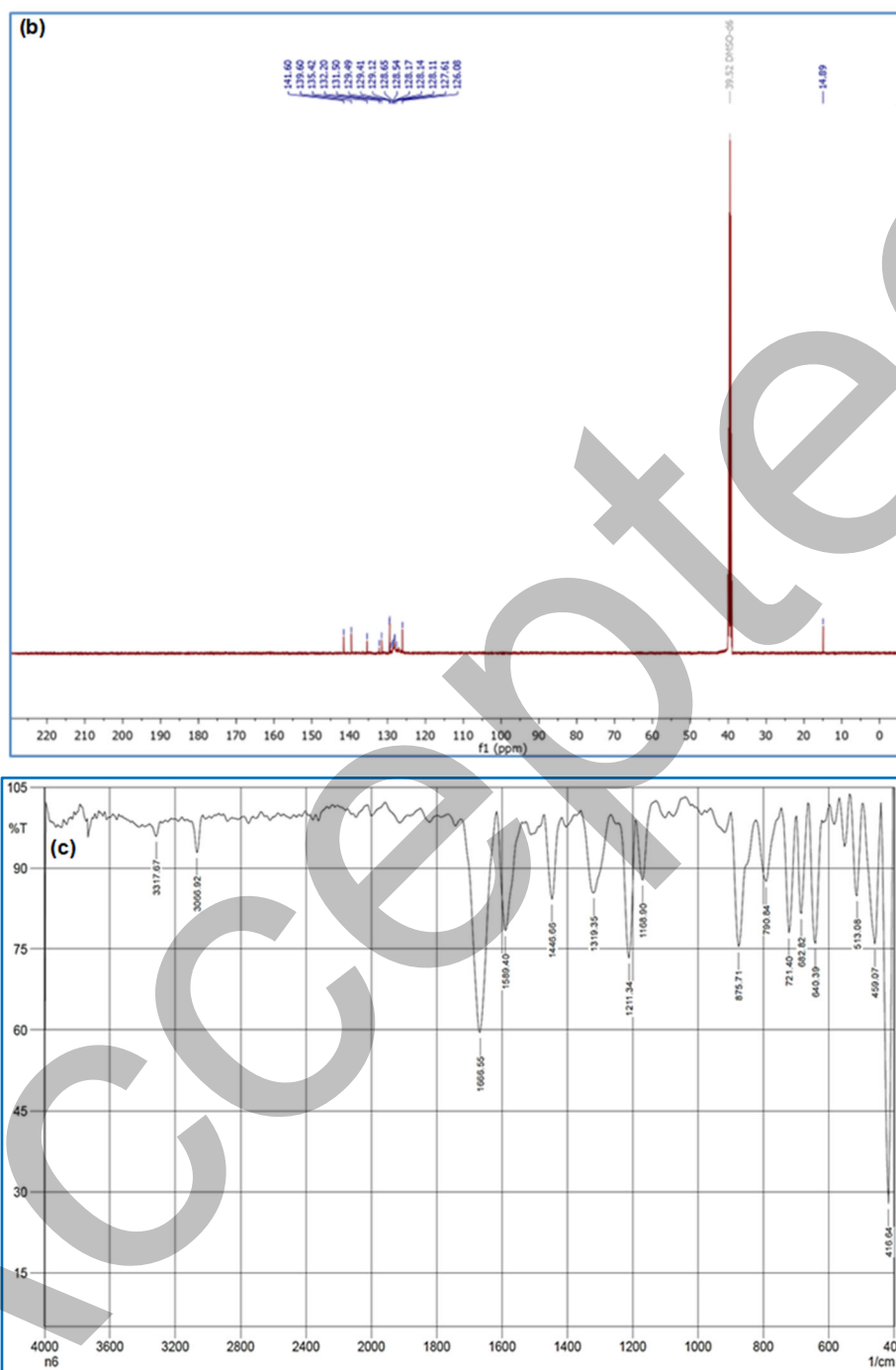


Fig S5. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of N5





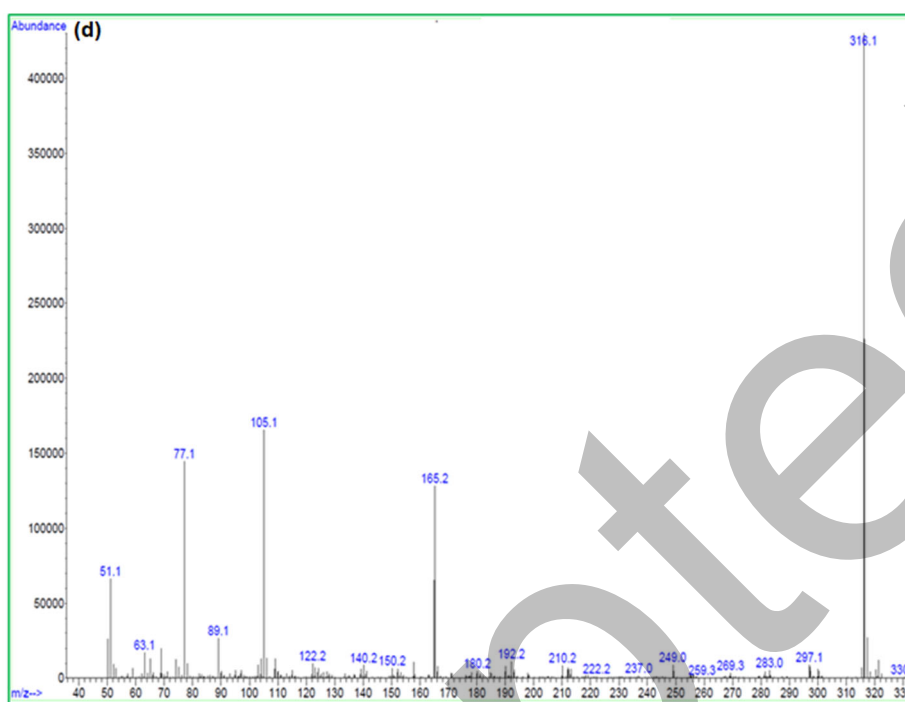
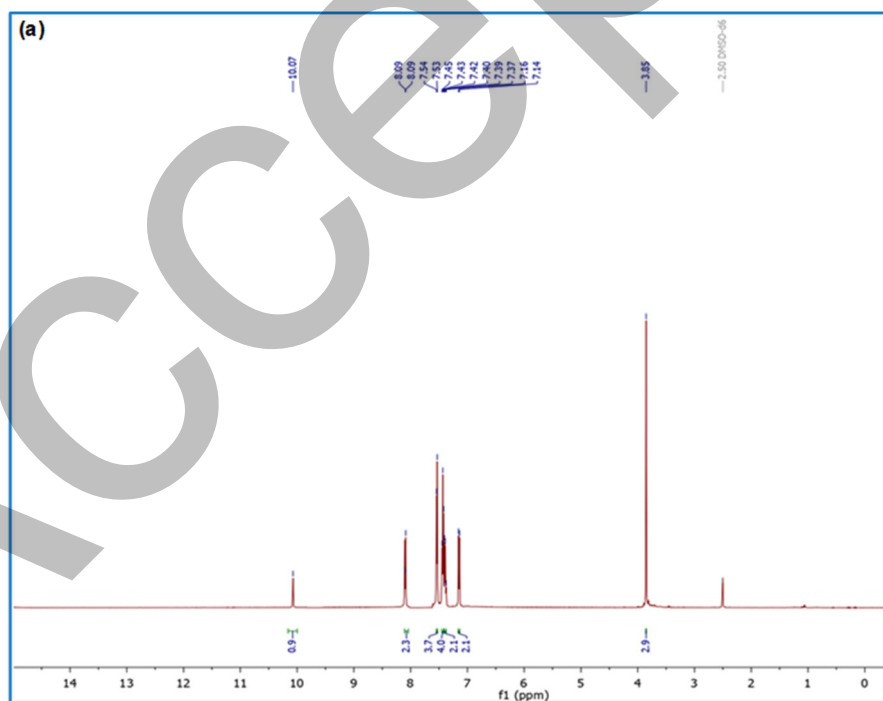
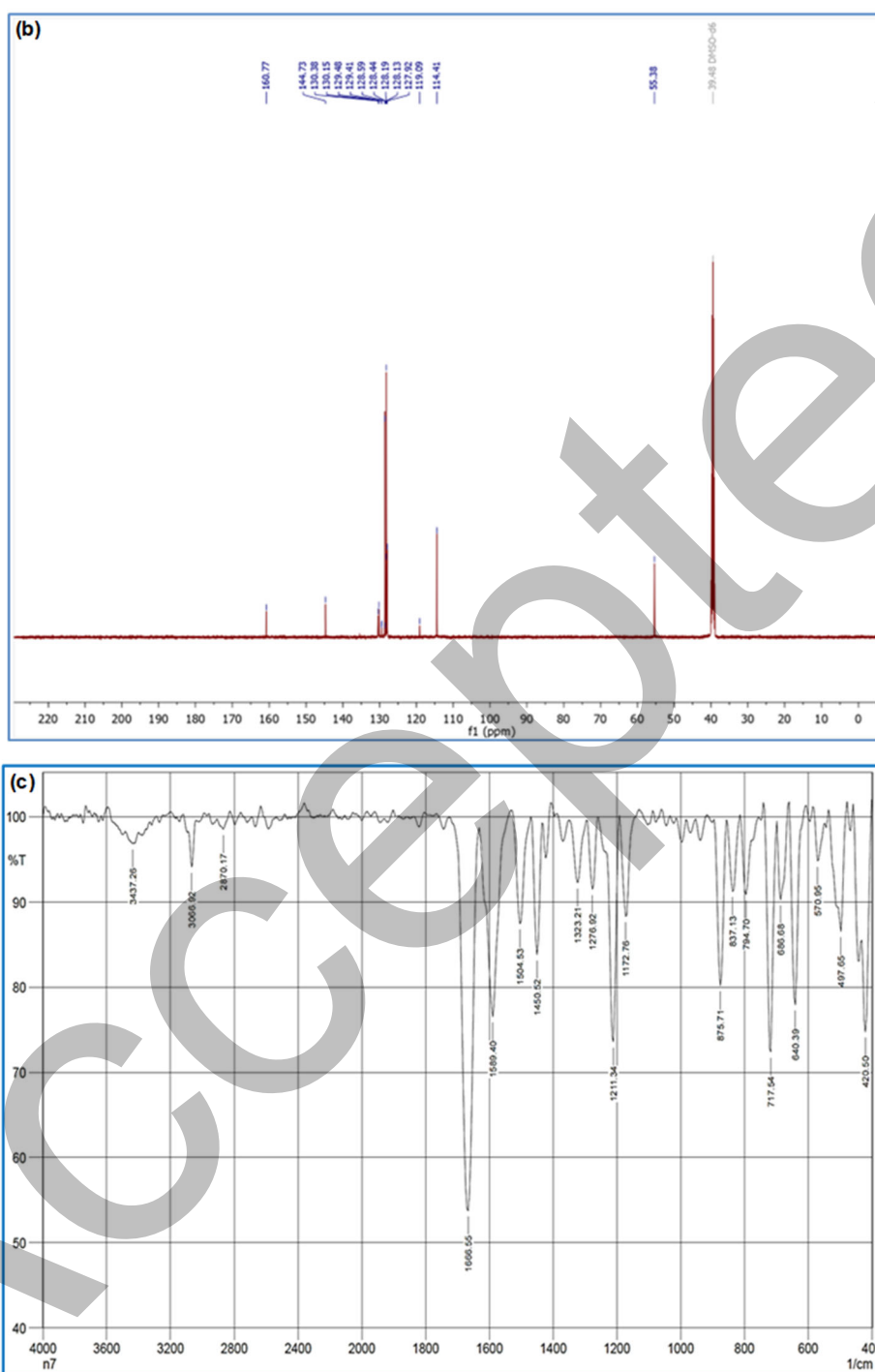


Fig S6. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of N6





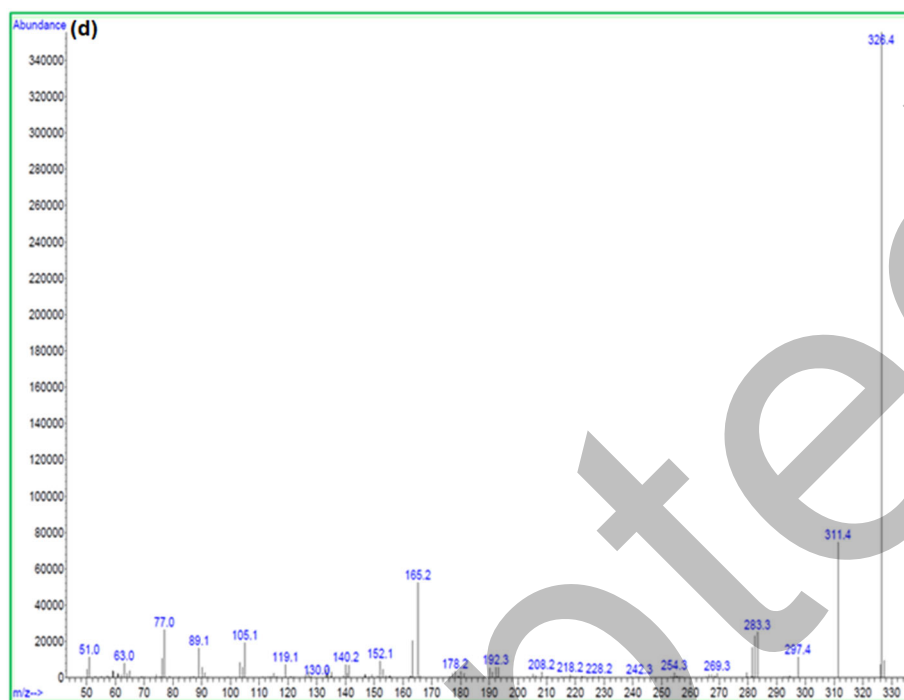
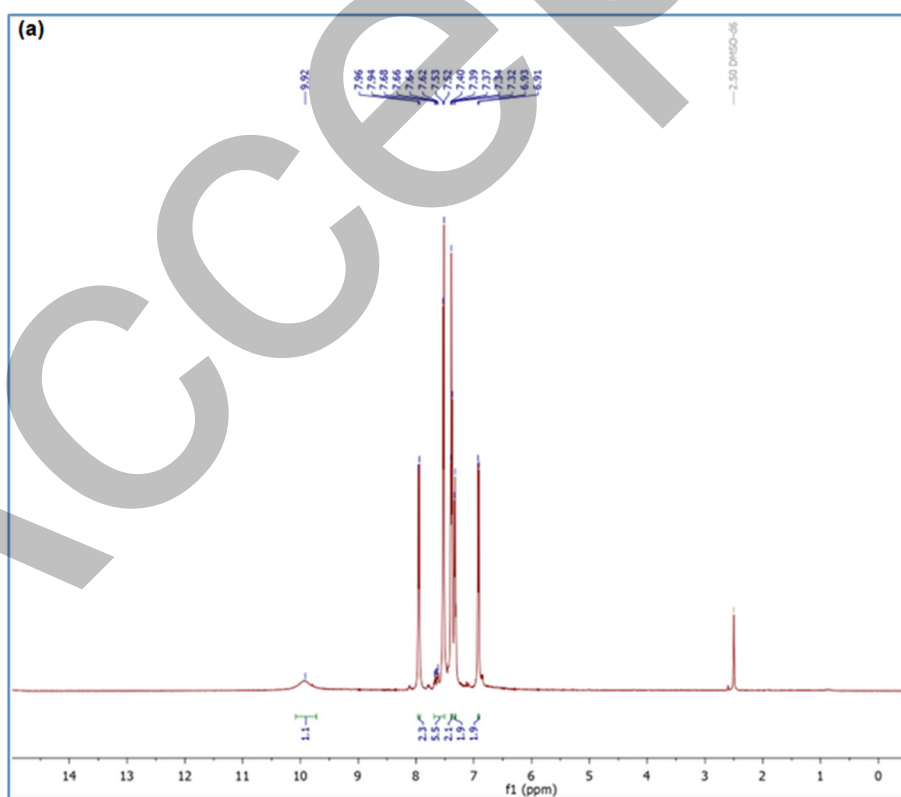
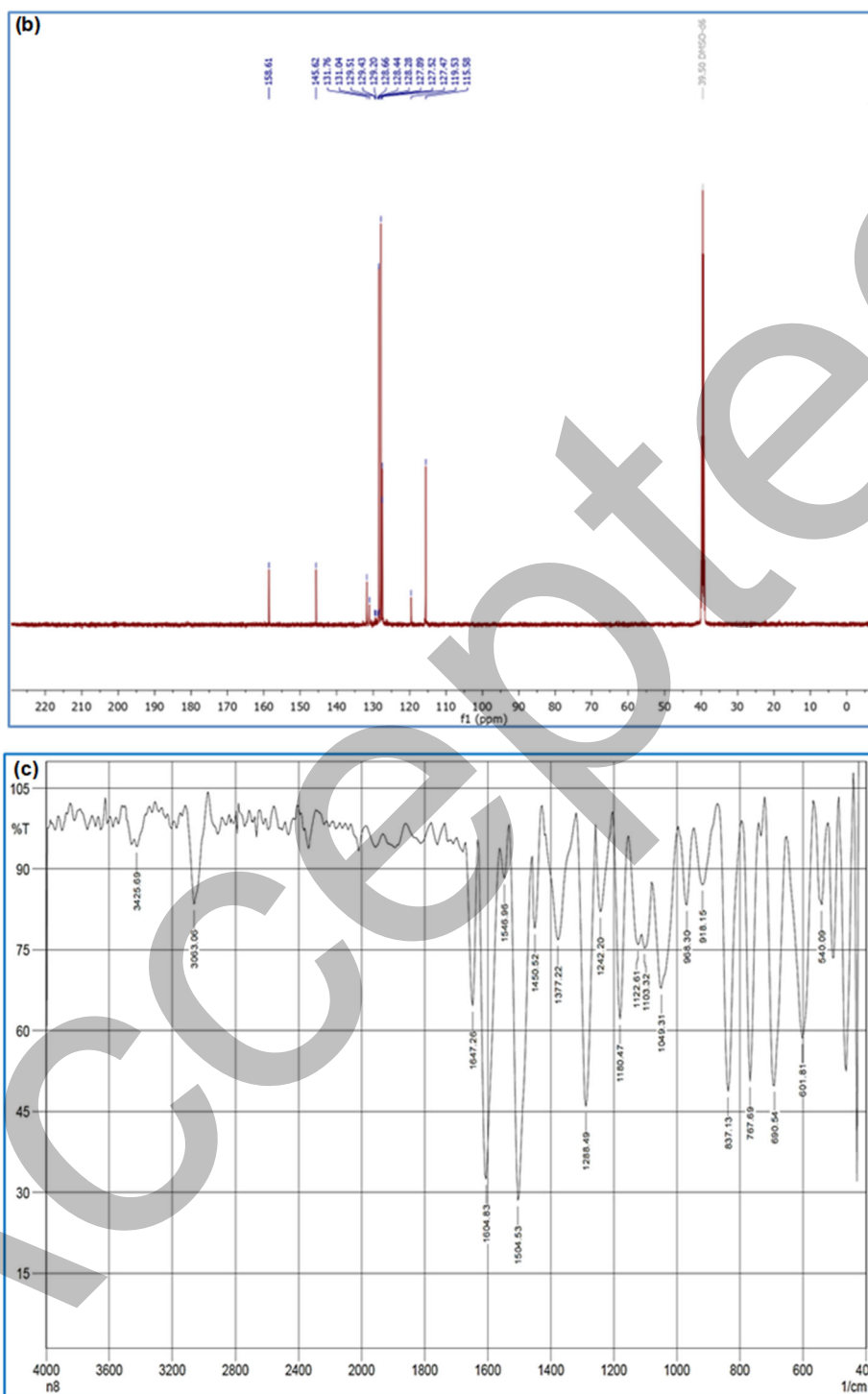


Fig S7. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of N7





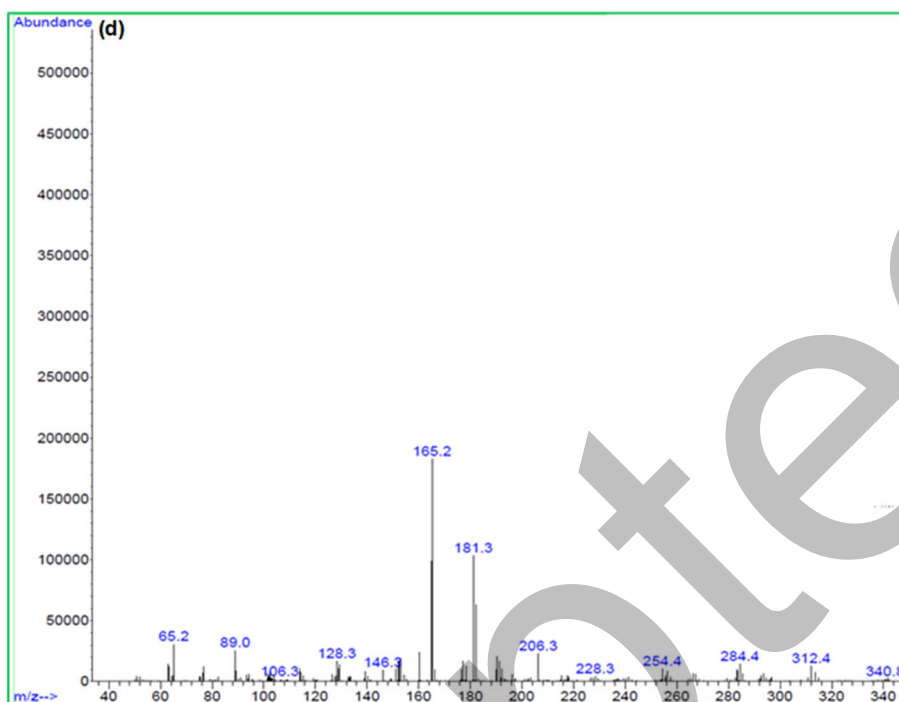
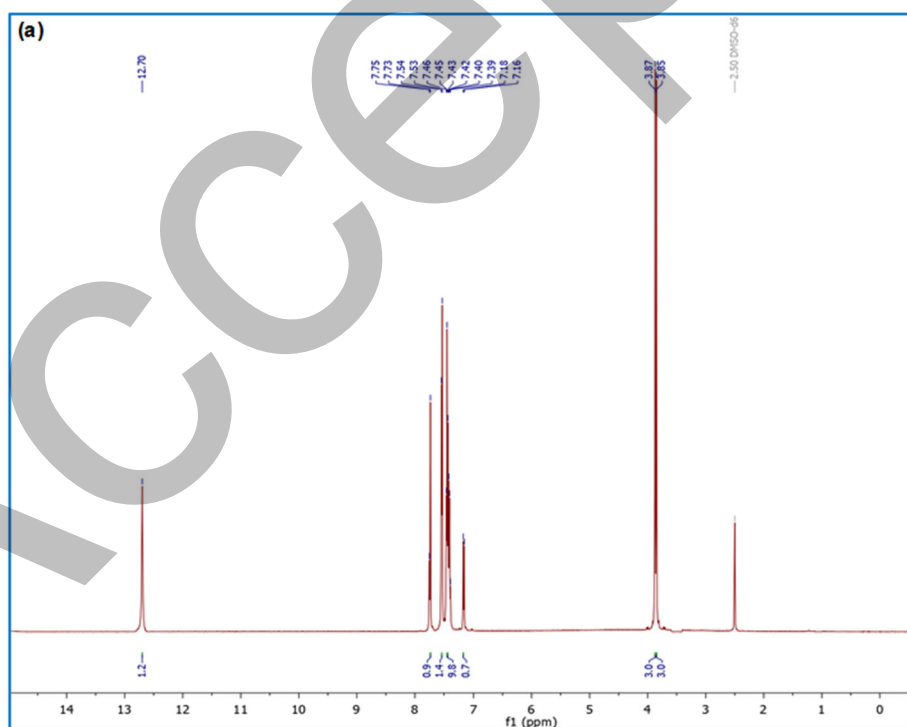
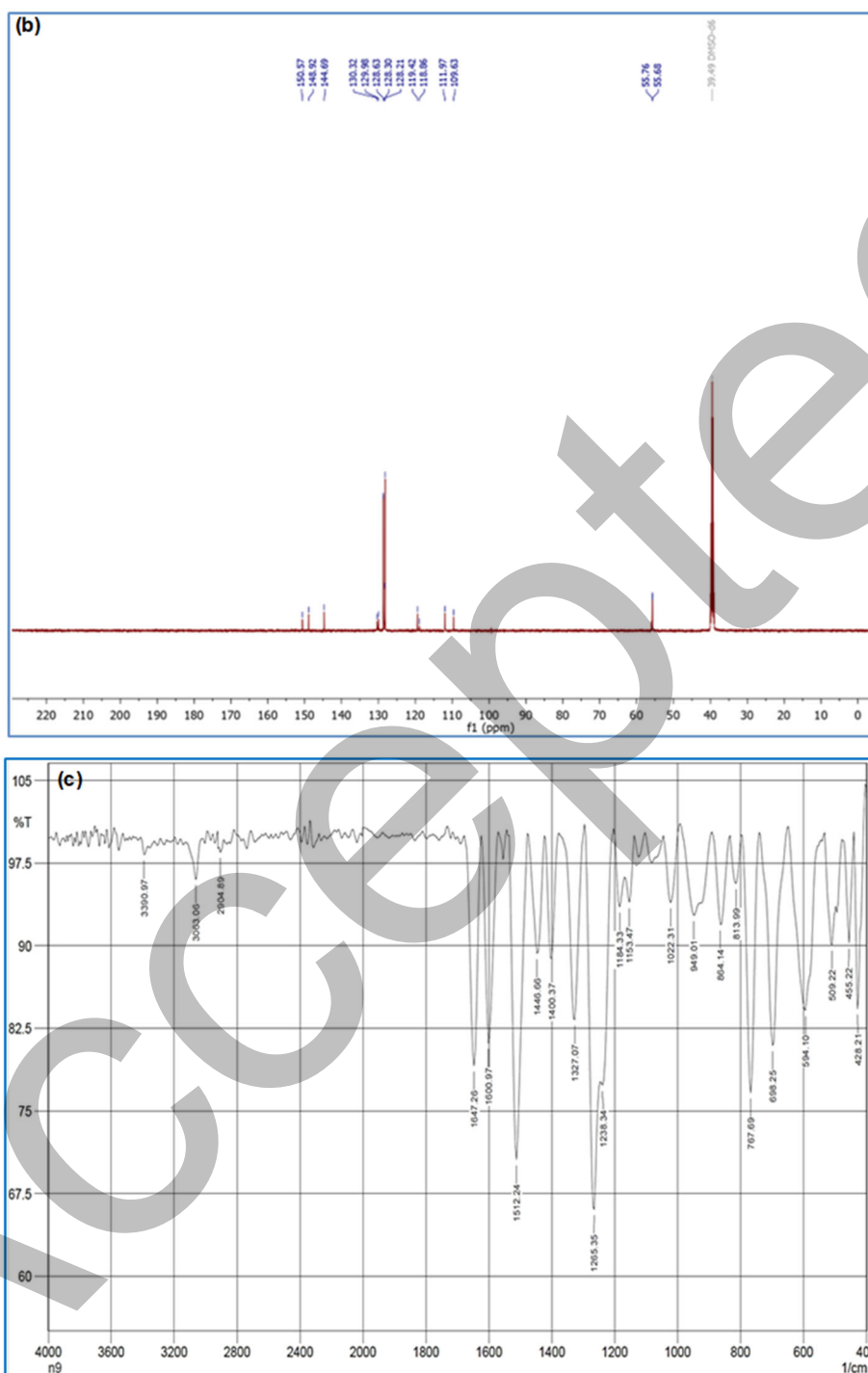


Fig S8. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of **N8**





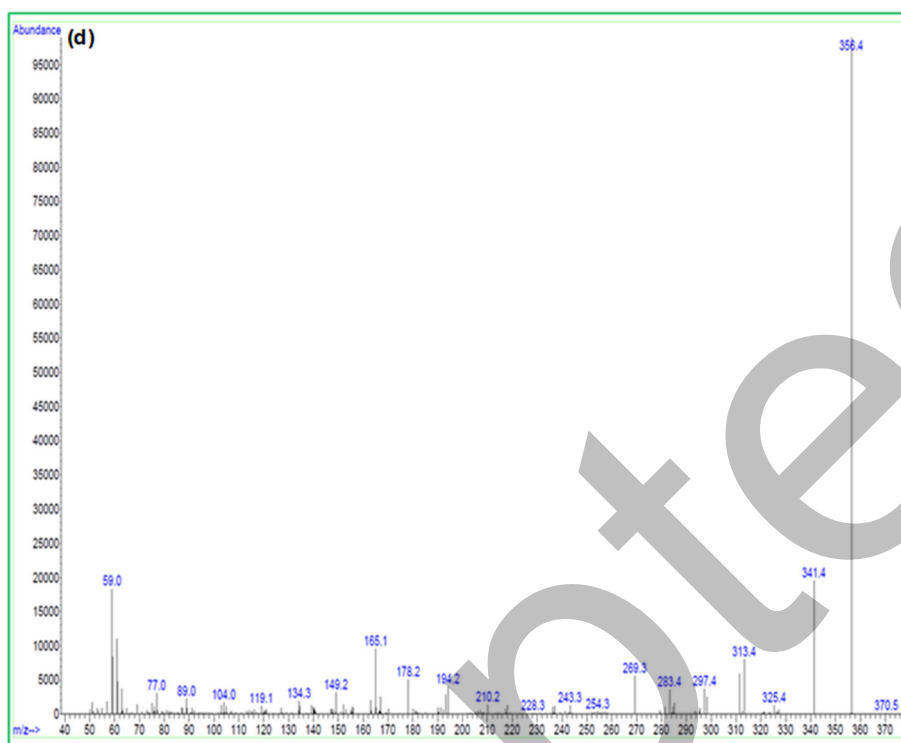
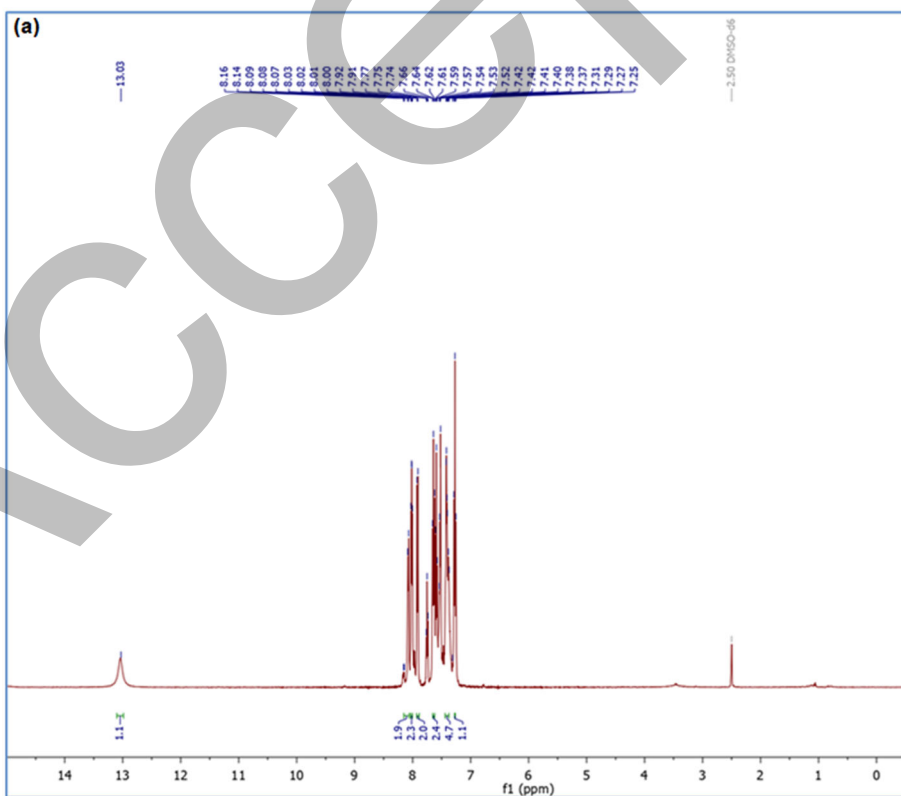
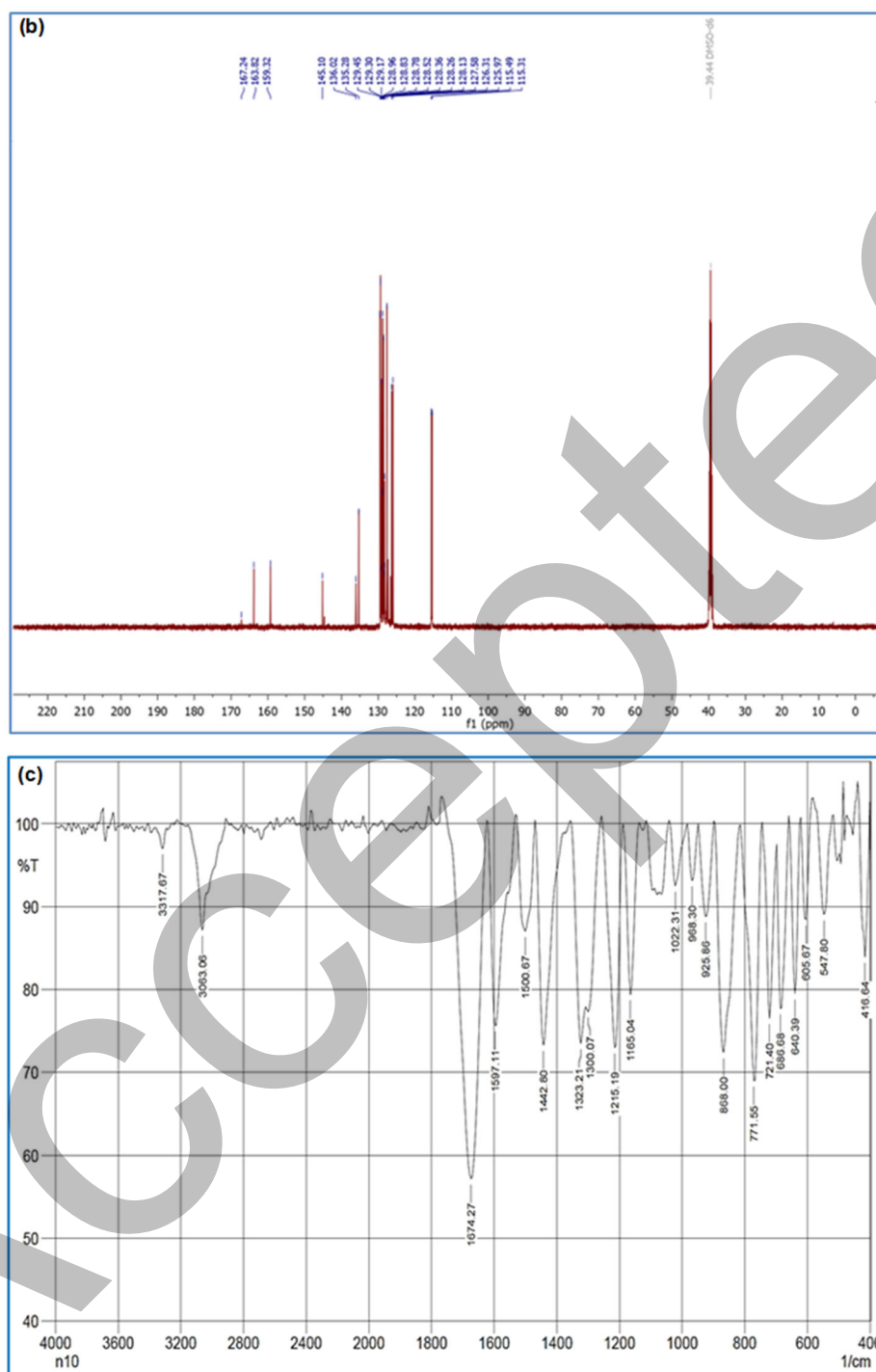


Fig S9. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of N9





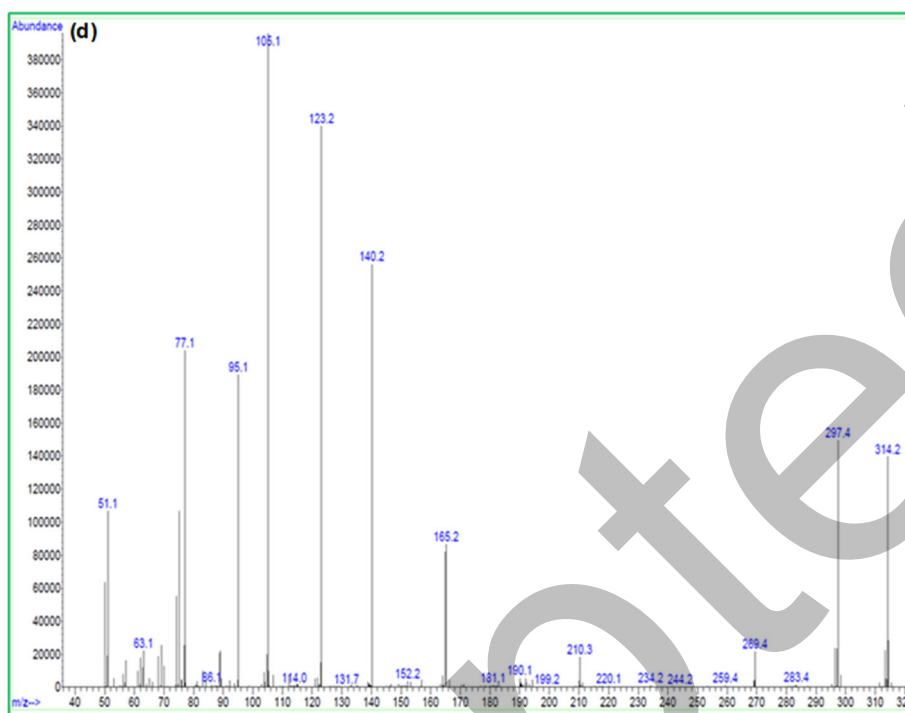


Fig S10. (a) ^1H -NMR, (b) ^{13}C -NMR, (c) FTIR, and (d) MS spectra of *N10*