

Antileishmanial evaluation of triazole-butenolide conjugates: Design, synthesis, *in vitro* screening, SAR and *in silico* ADME predictions

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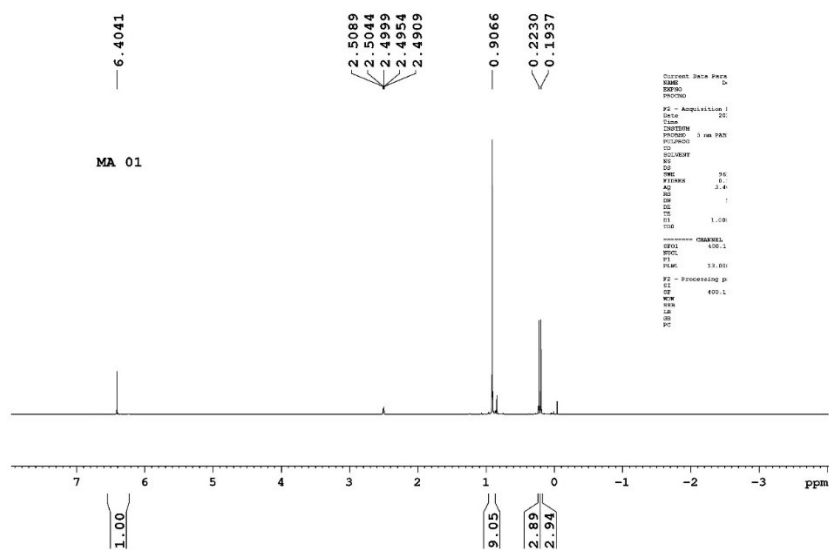
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Corresponding author: Tel/ Fax: +91-522-2772450, ext. 4684 /+91-522-2771942/2771970

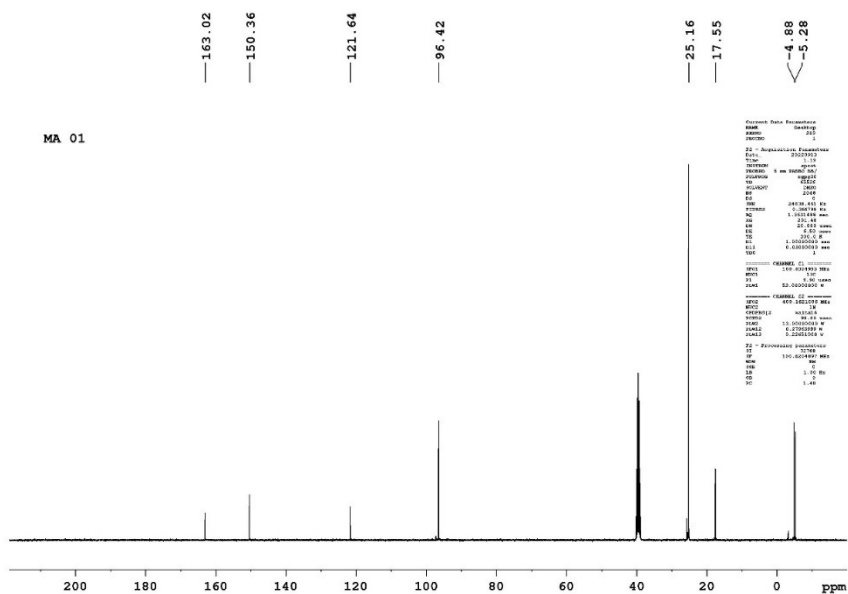
E-mail address: kv_sashidhara@cdri.res.in

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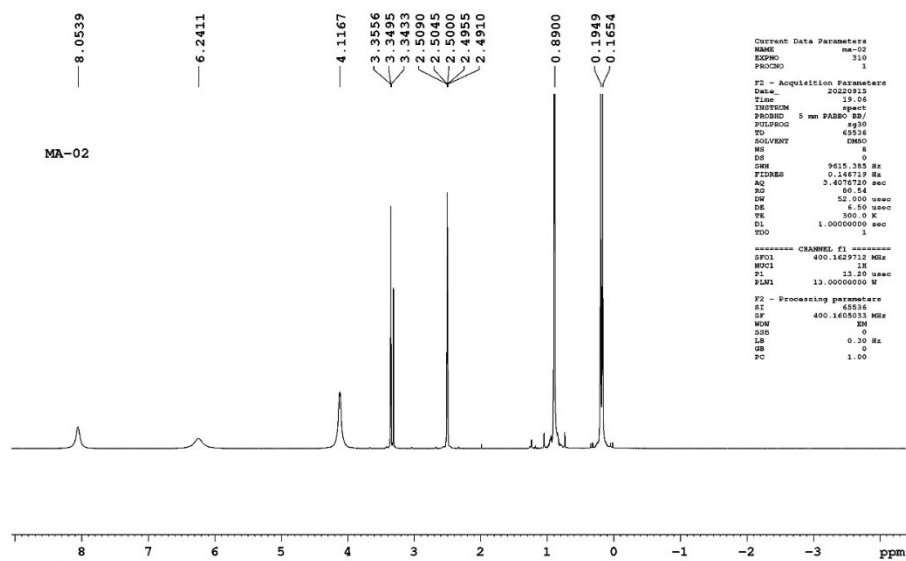
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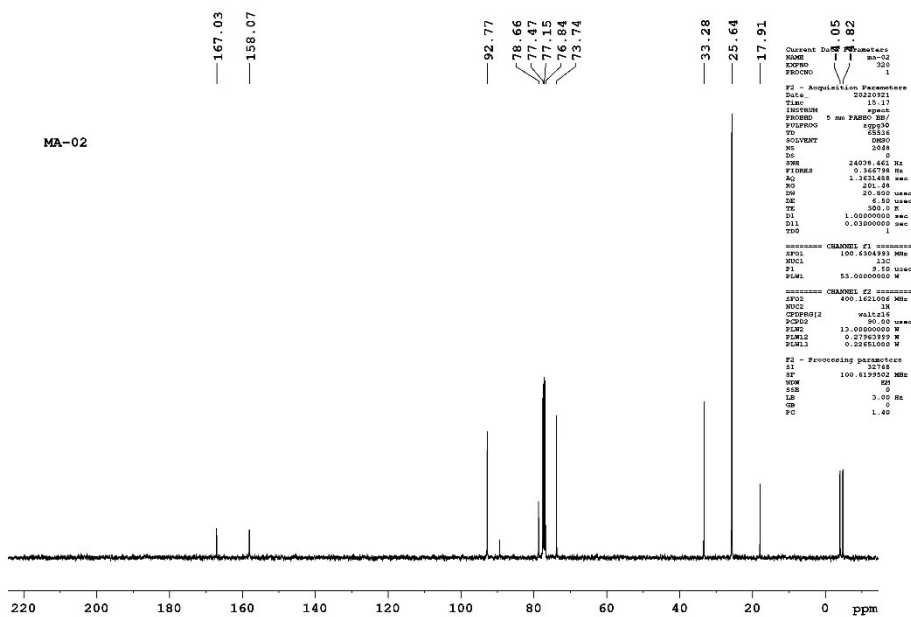
^1H NMR spectrum of compound **7a**



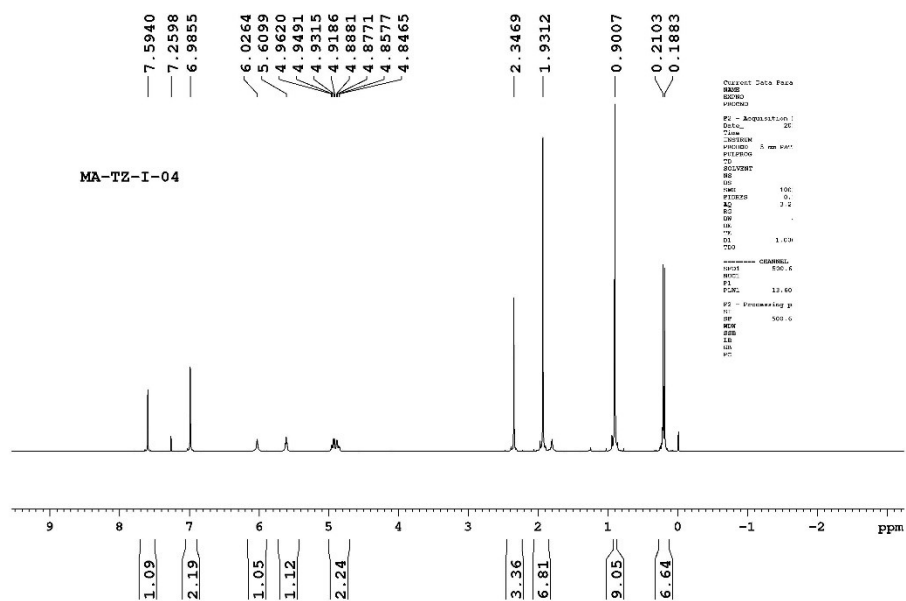
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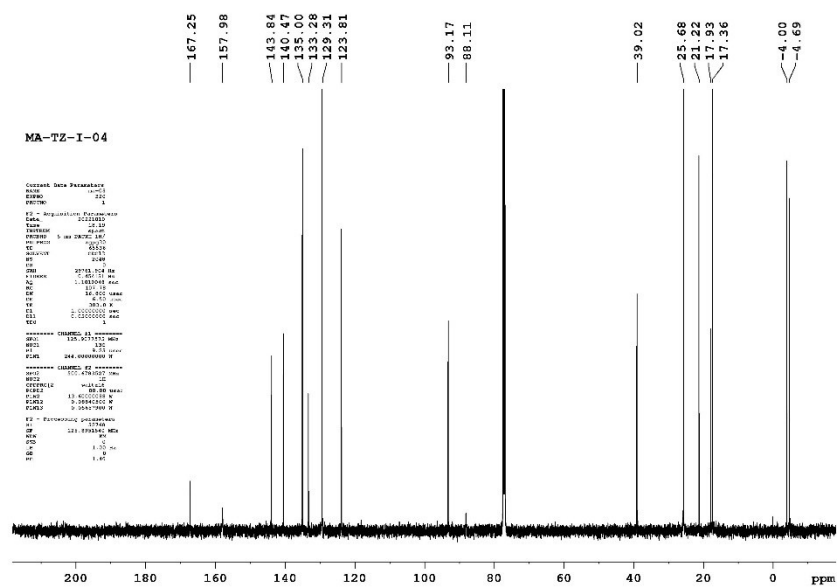
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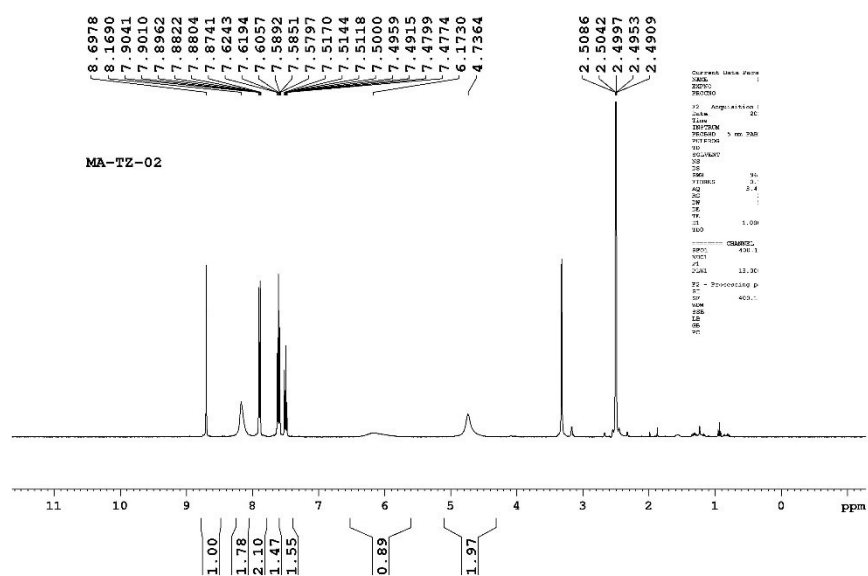
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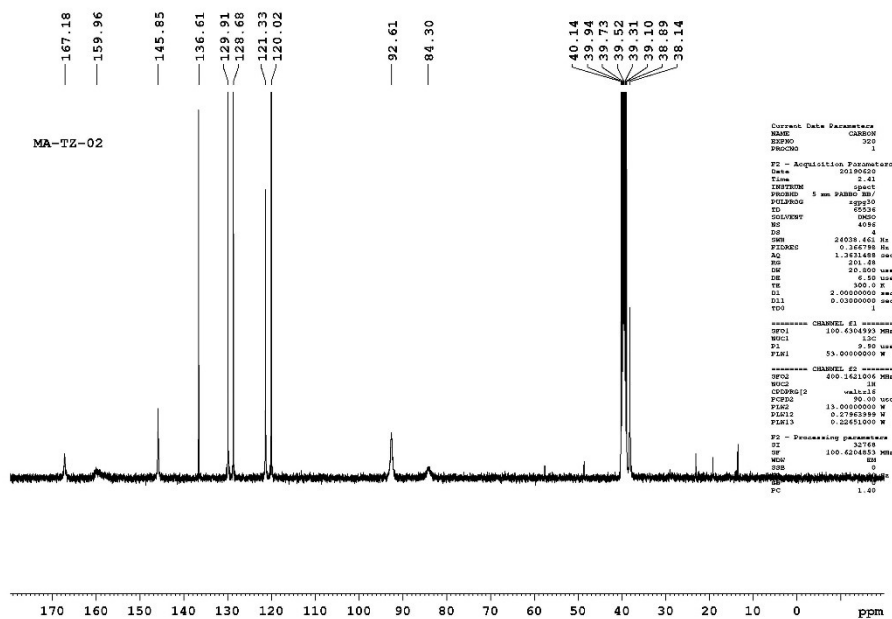
^1H NMR spectrum of compound **9h**



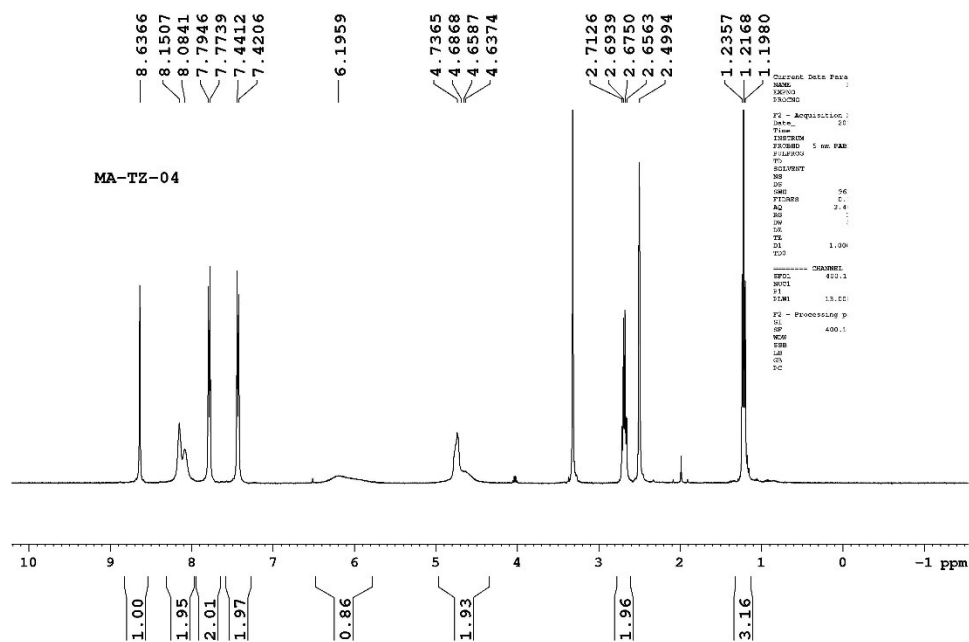
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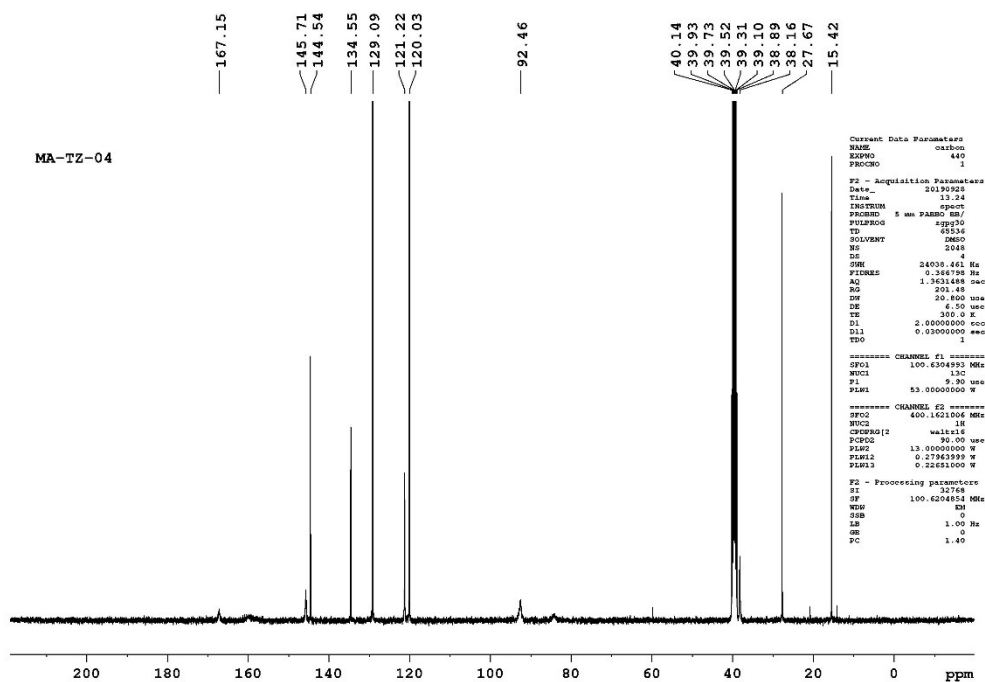
¹H NMR spectrum of compound **10b**



¹³C NMR spectrum of compound **10b**

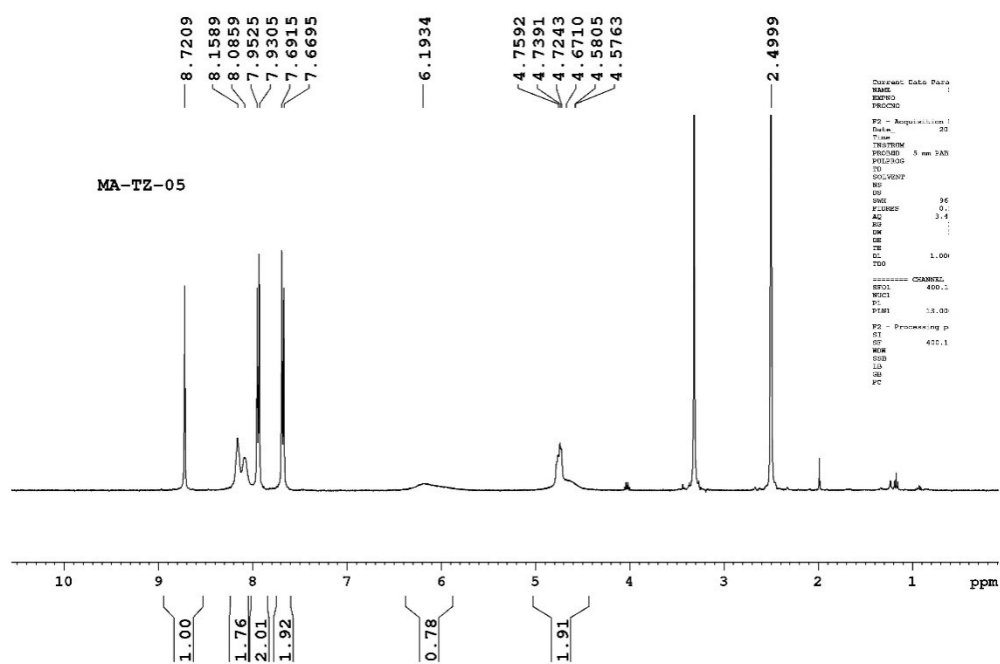


^1H NMR spectrum of compound **10d**

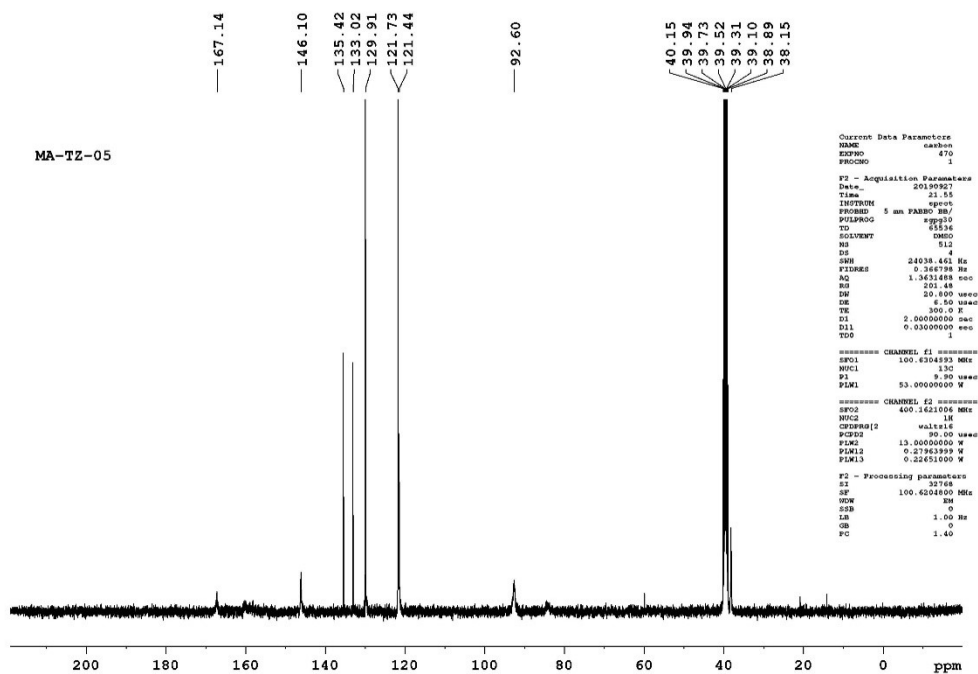


^{13}C NMR spectrum of compound **10d**

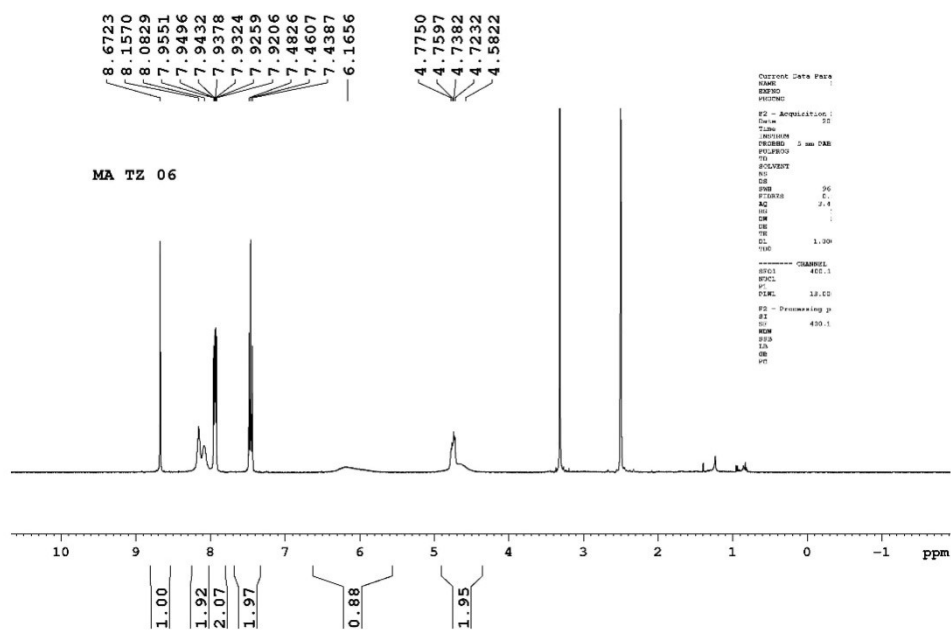
^1H



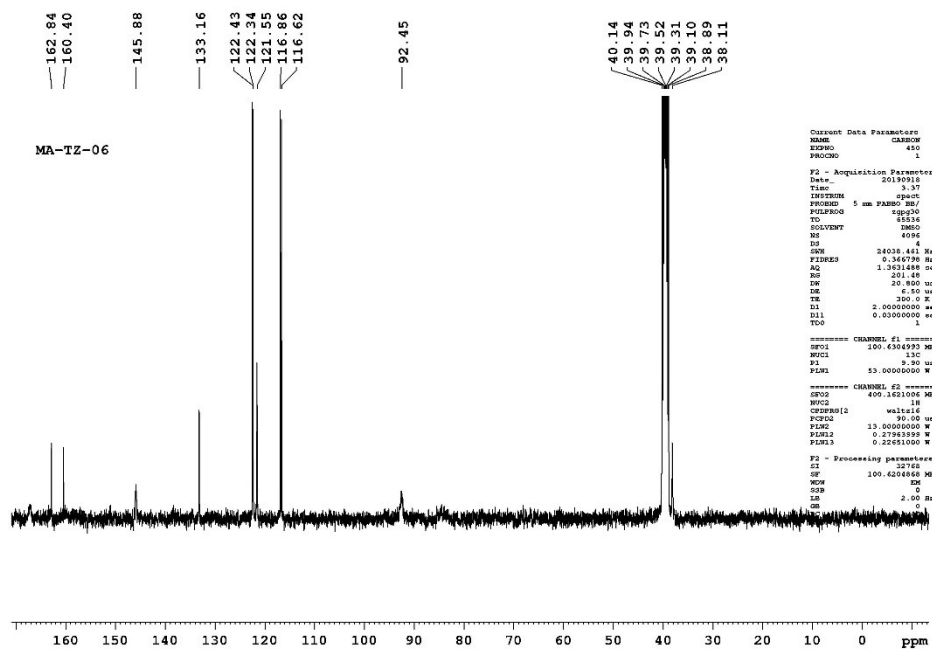
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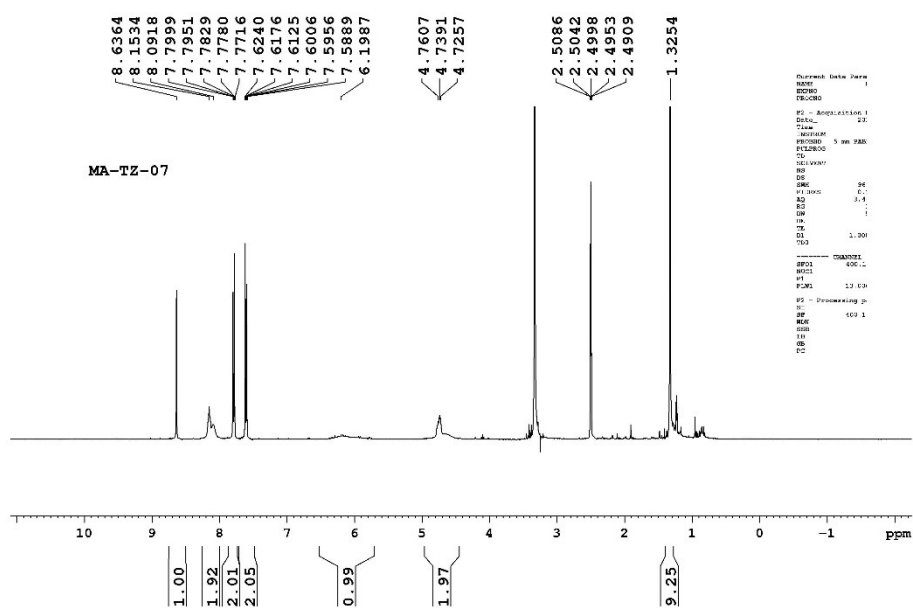
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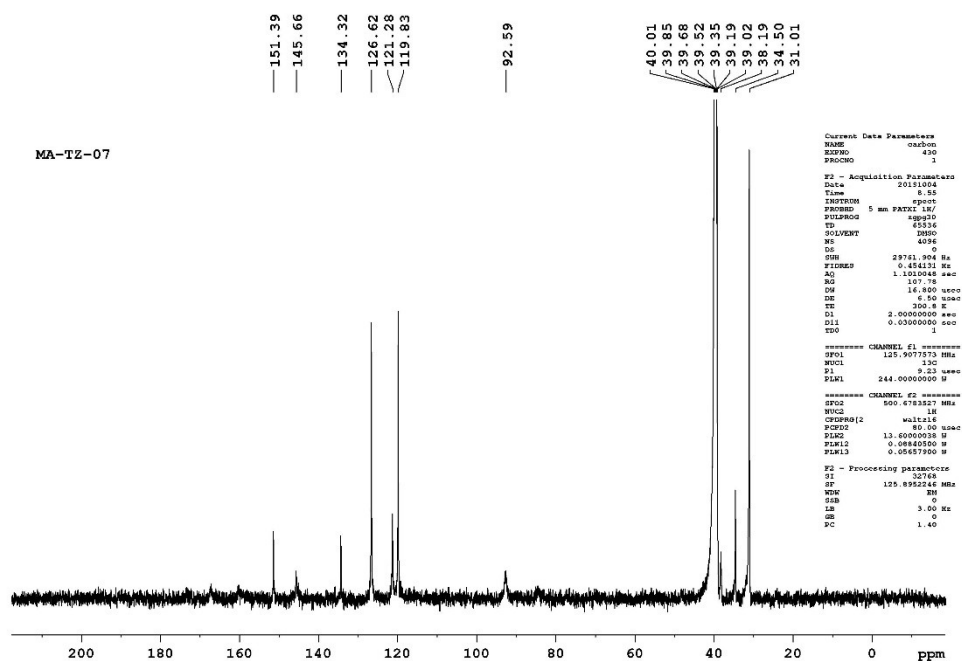
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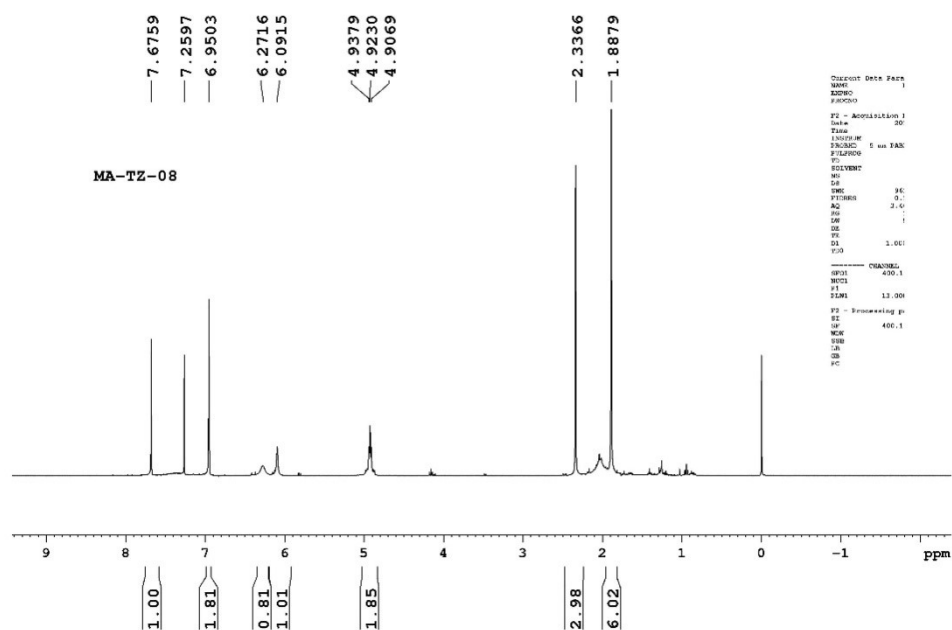
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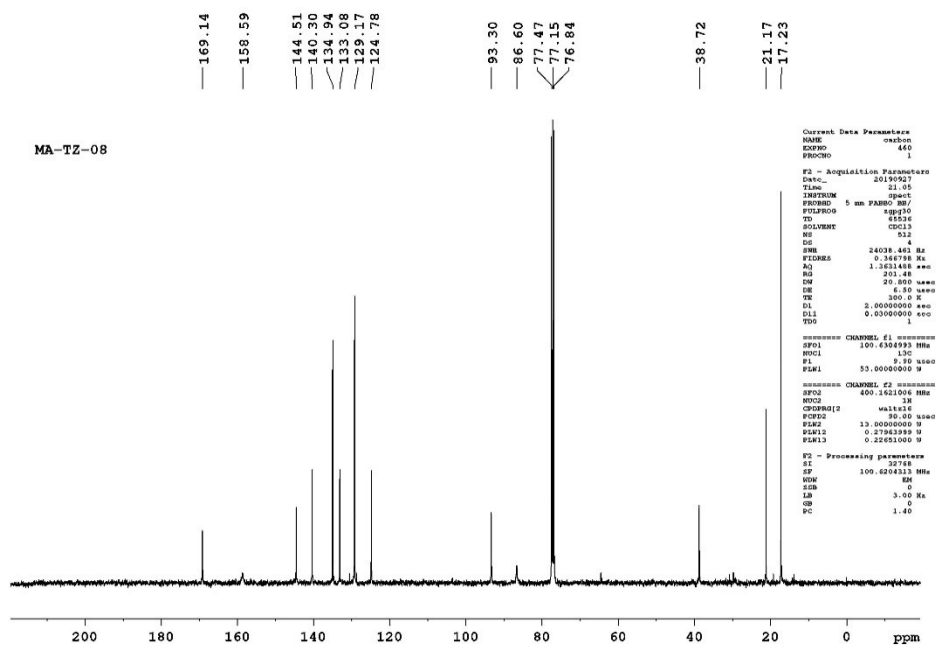
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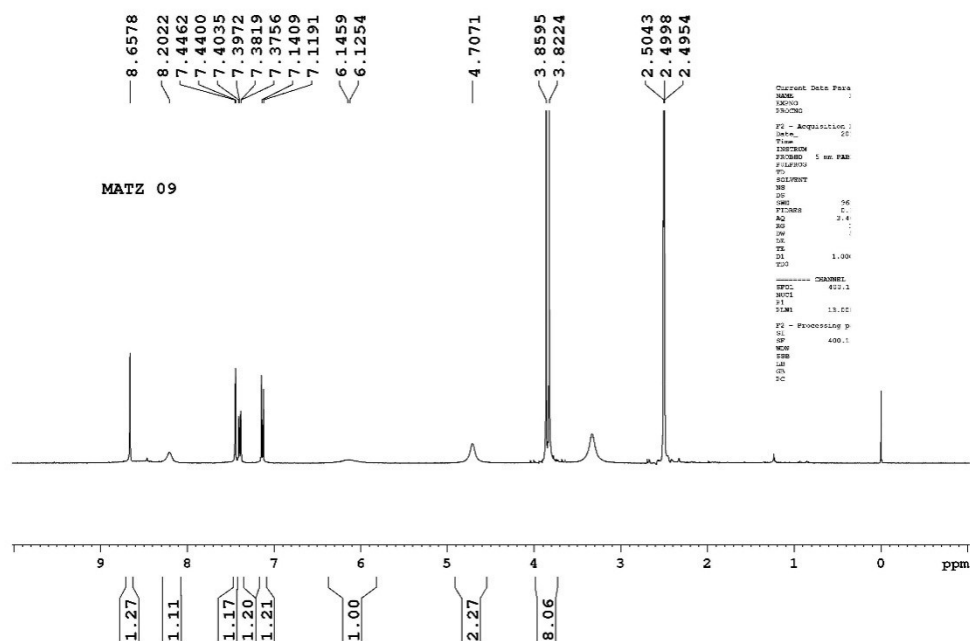
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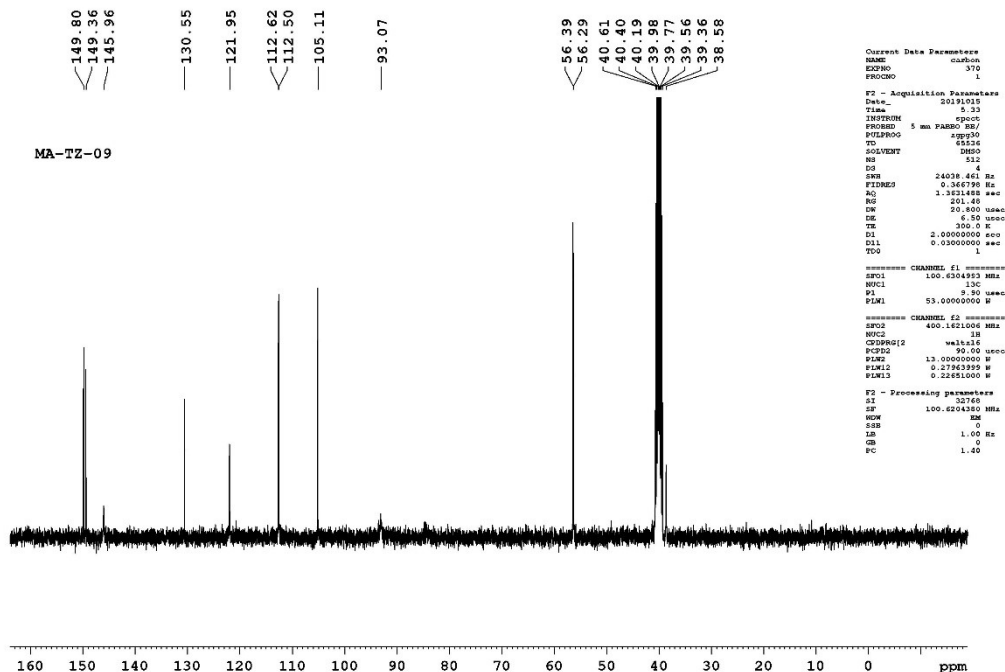
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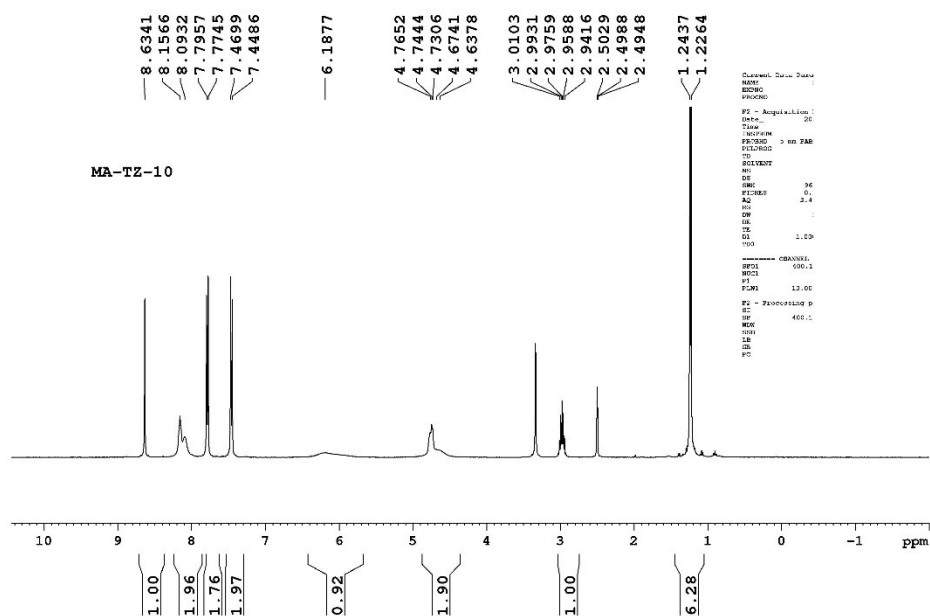
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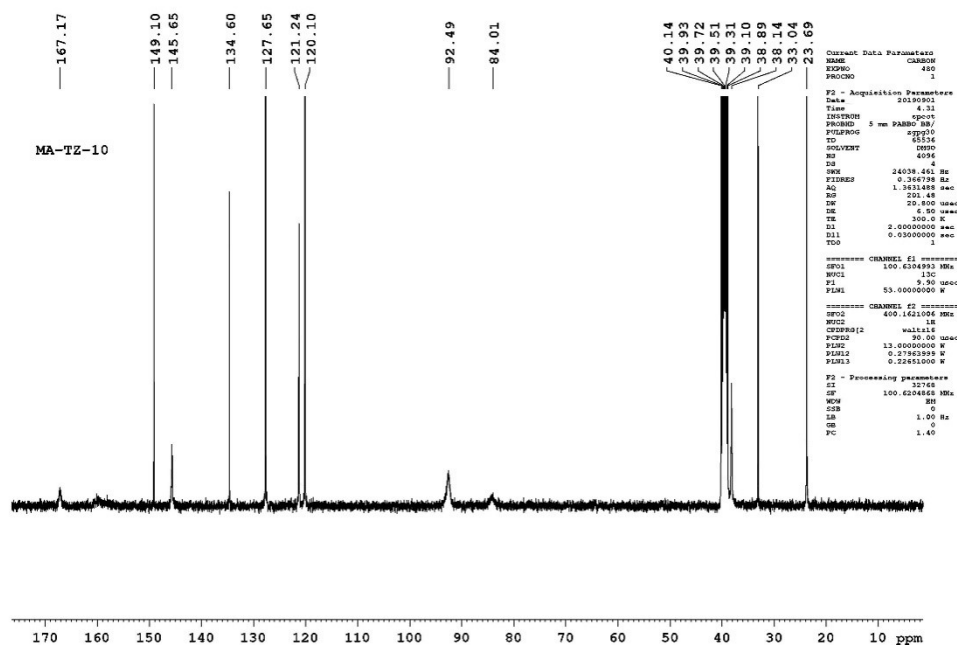
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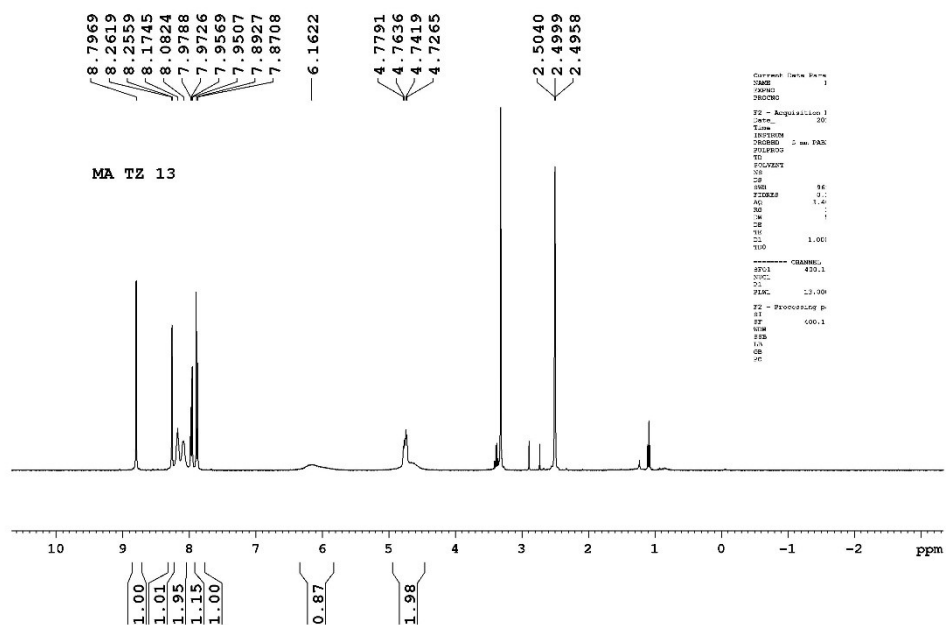
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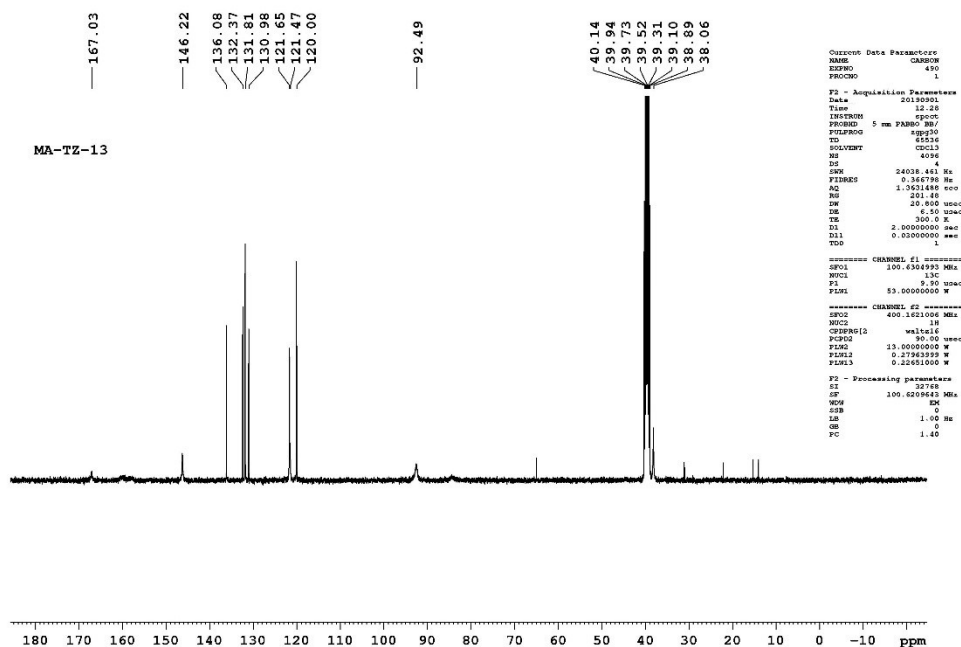
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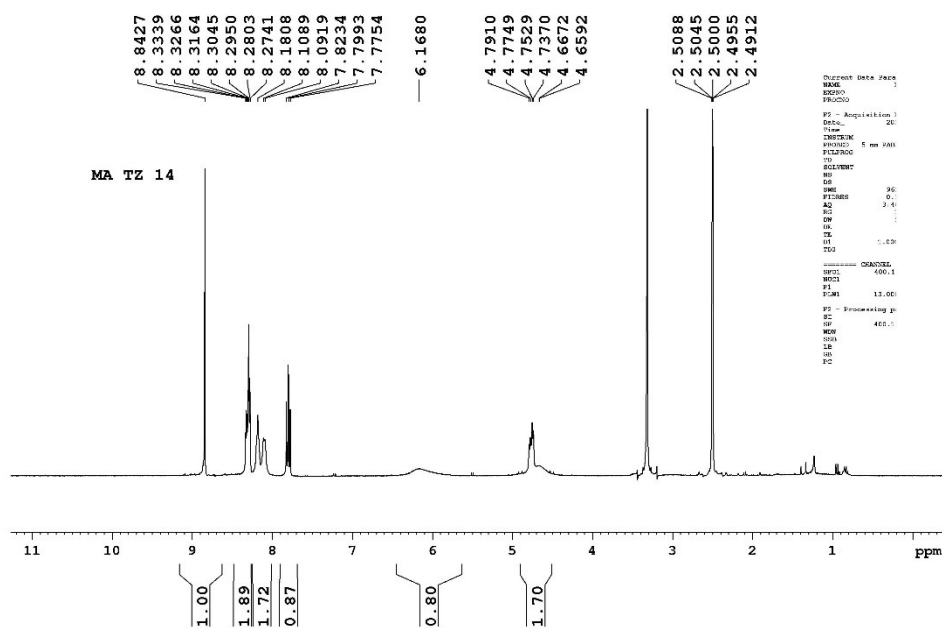
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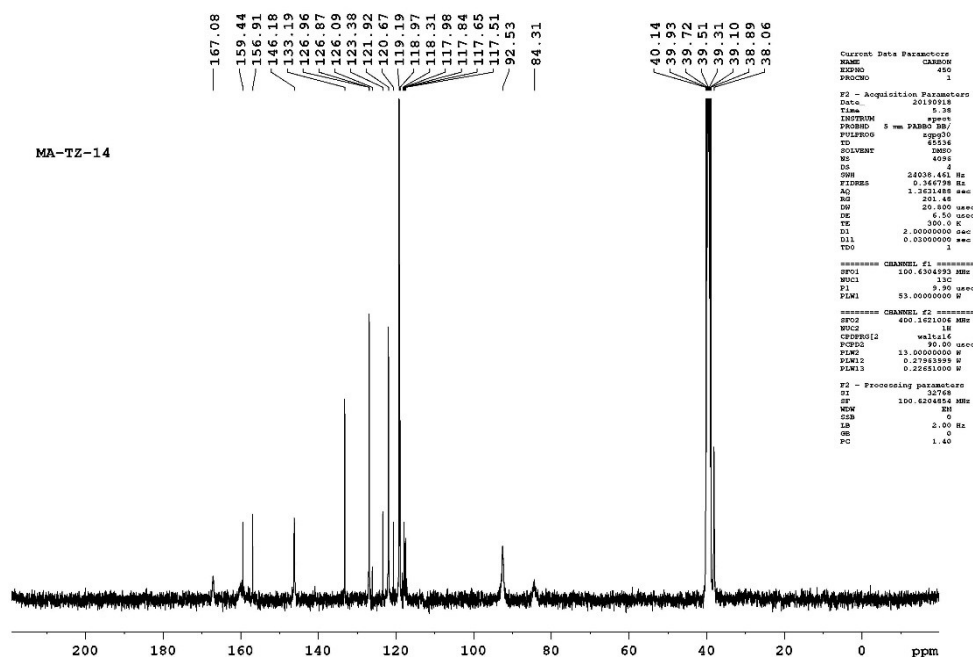
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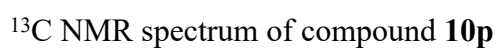
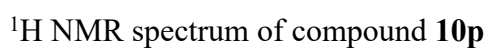
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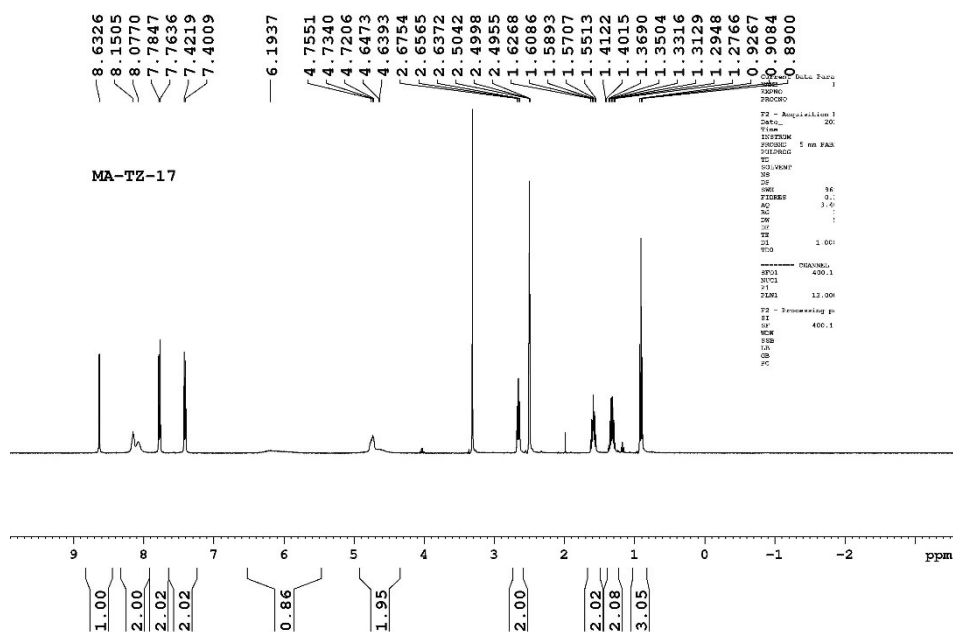


^1H NMR spectrum of compound **10n**

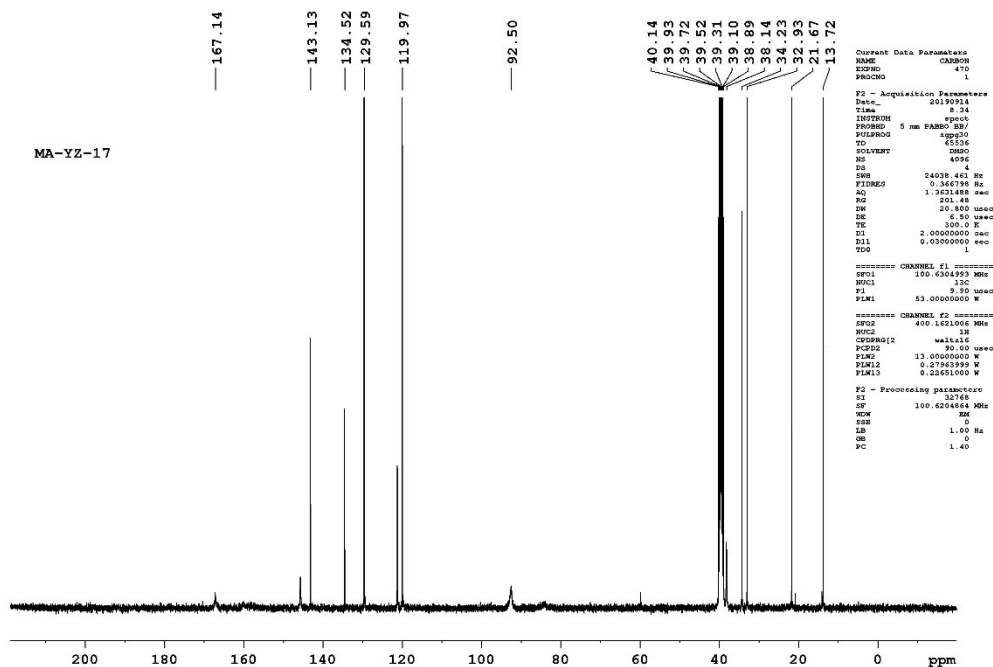


^{13}C NMR spectrum of compound **10n**

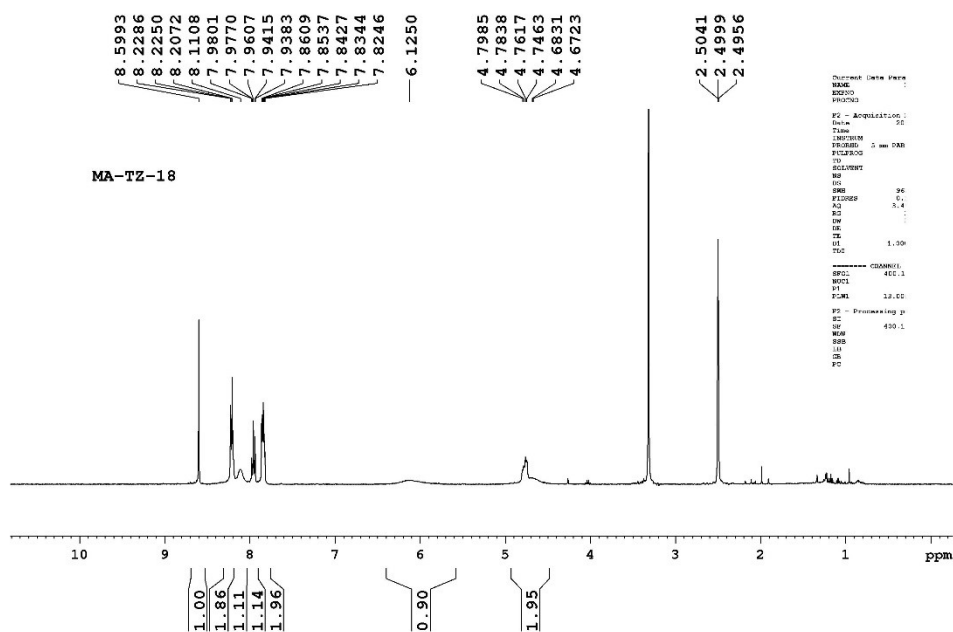




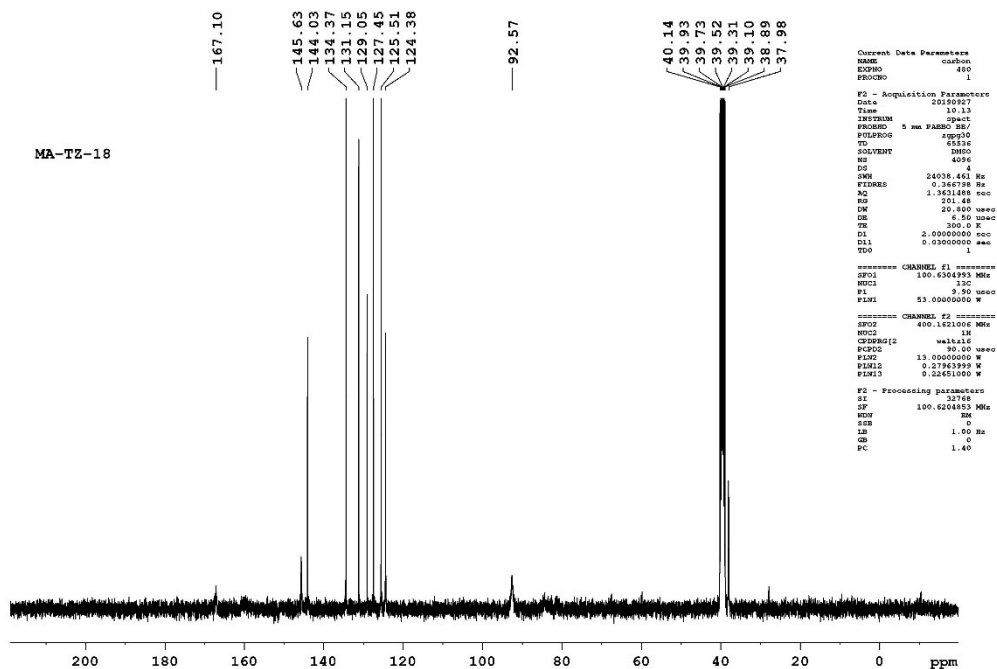
¹H NMR spectrum of compound 10q



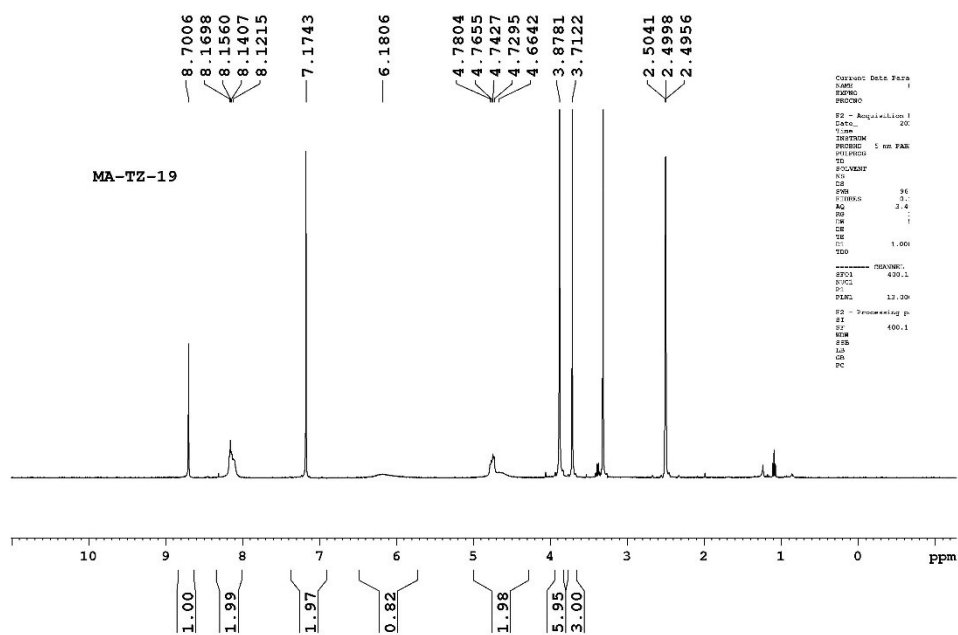
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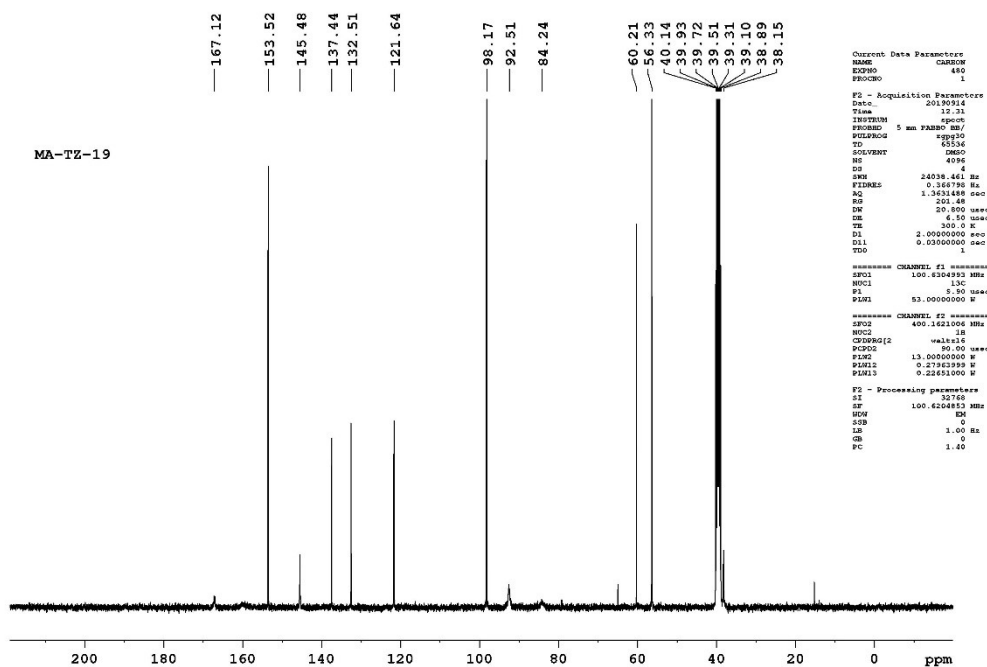
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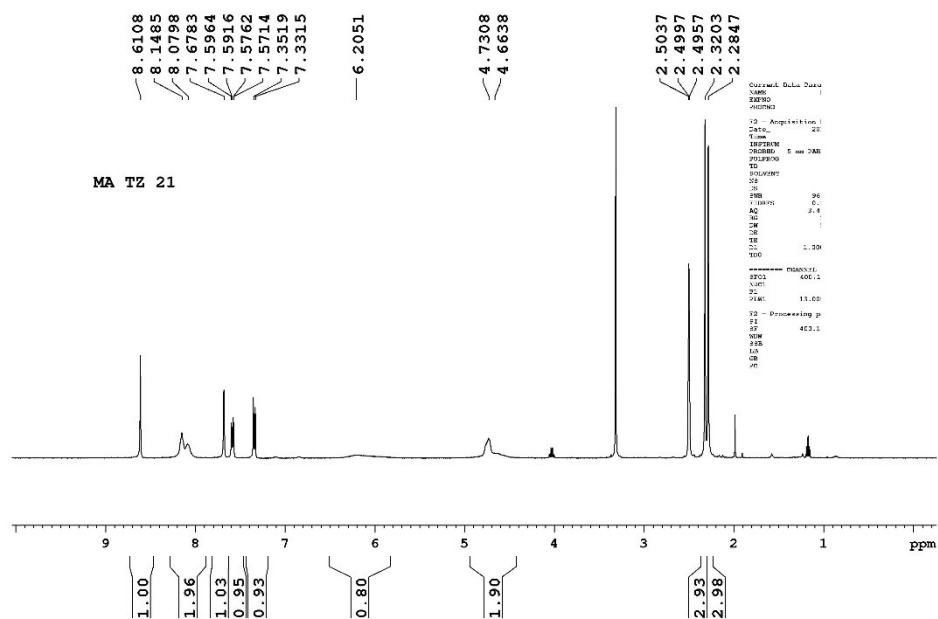
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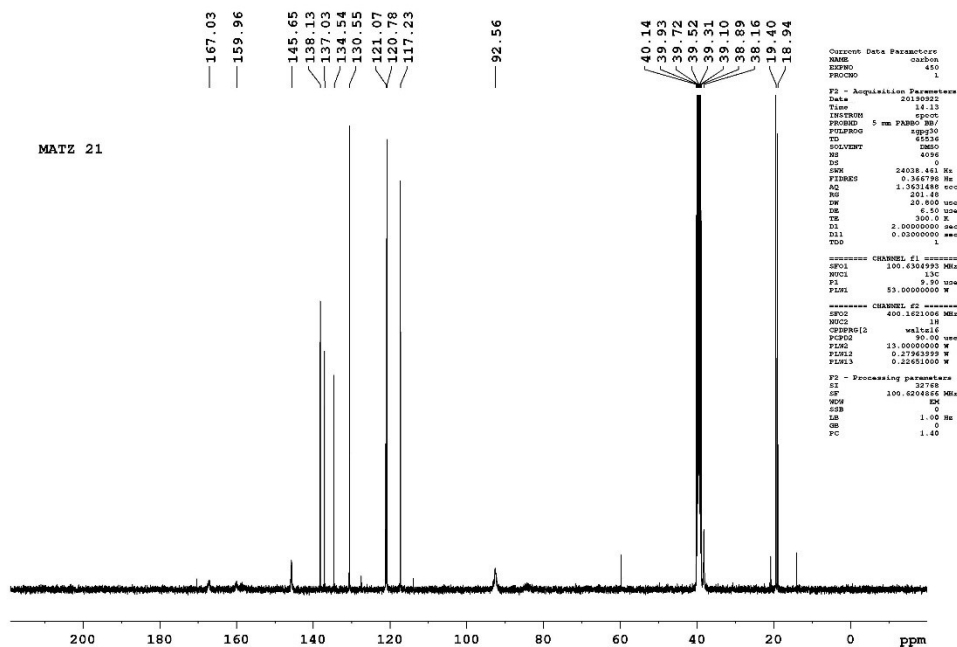
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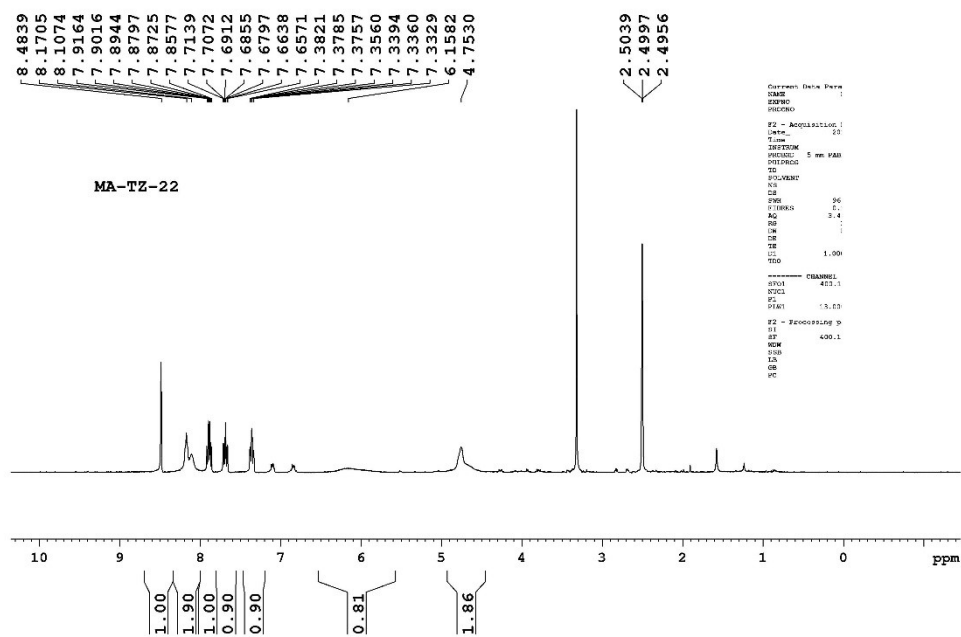
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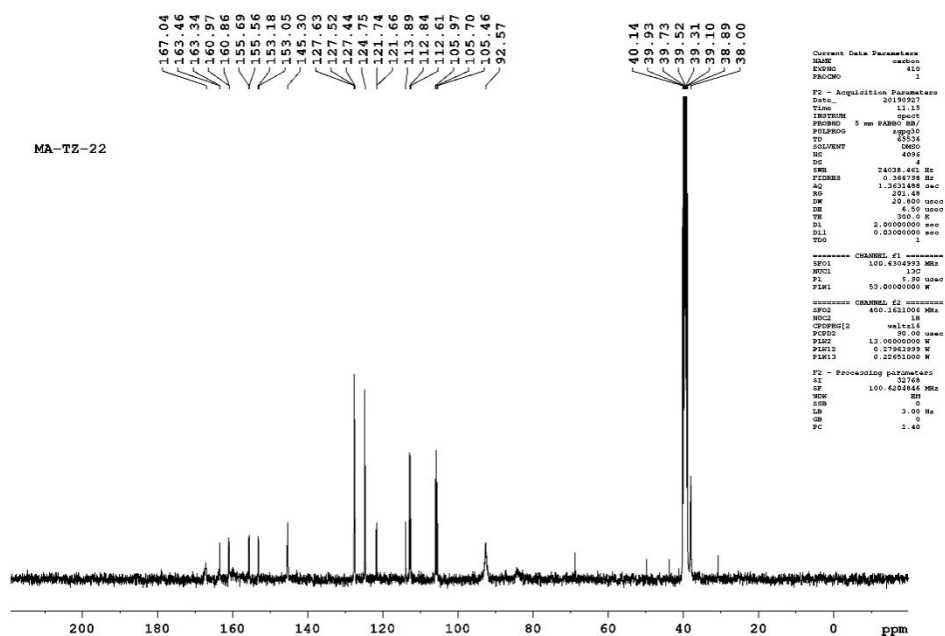
^1H NMR spectrum of compound **10t**



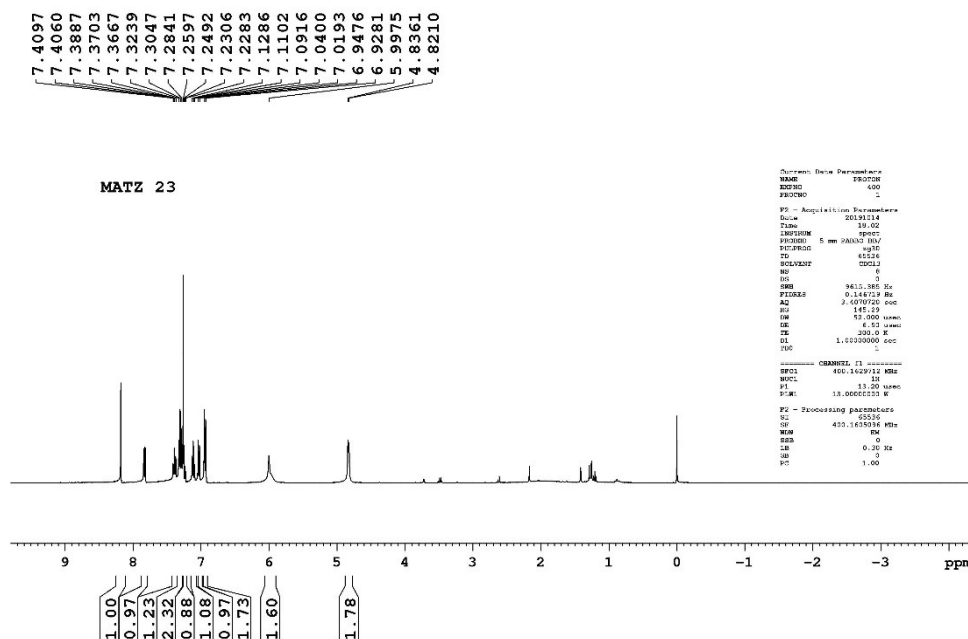
^{13}C NMR spectrum of compound **10t**



¹H NMR spectrum of compound **10u**

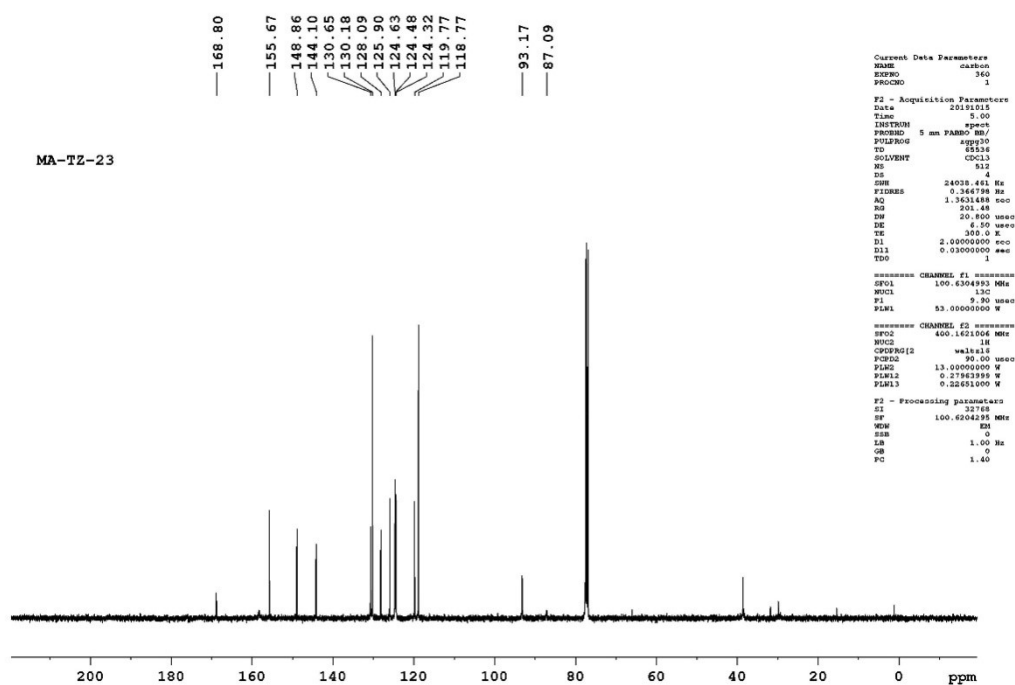


¹³C NMR spectrum of compound **10u**

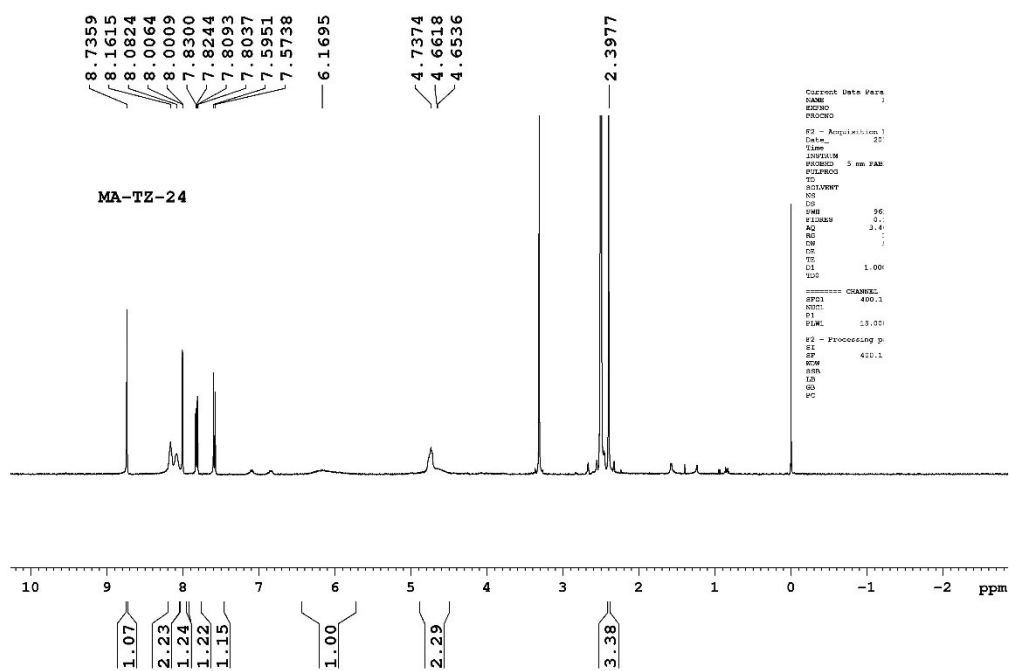


¹H

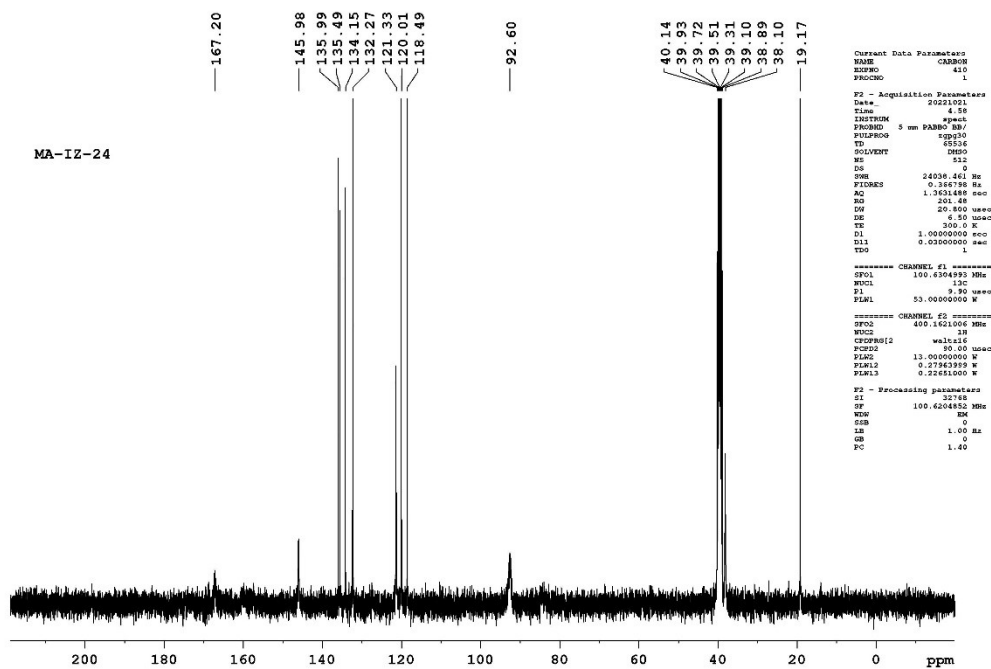
NMR spectrum of compound 10v



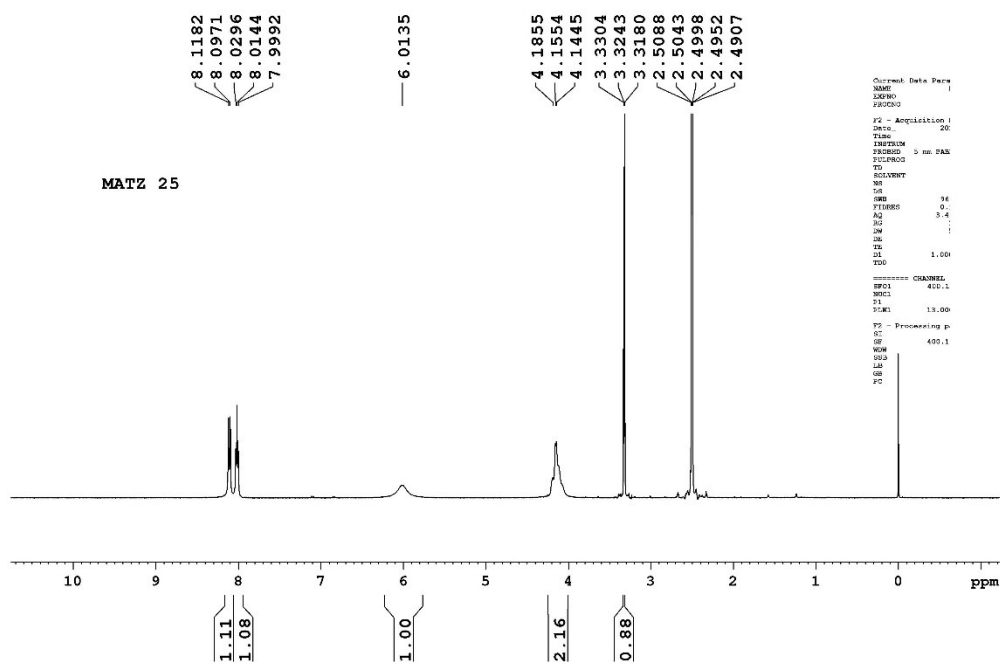
¹³C NMR spectrum of compound 10v



^1H NMR spectrum of compound **10w**

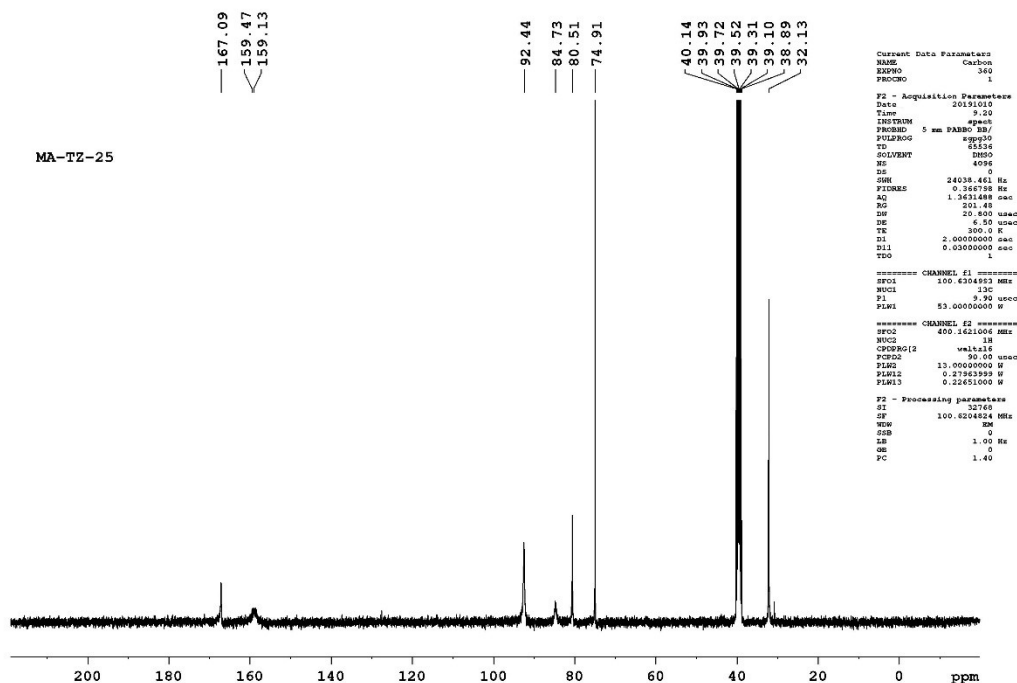


^{13}C NMR spectrum of compound **10w**



¹H NMR spectrum of compound 11a

¹³C NMR spectrum of compound 11a



HRMS spectra of compounds 10a-10w and 11a

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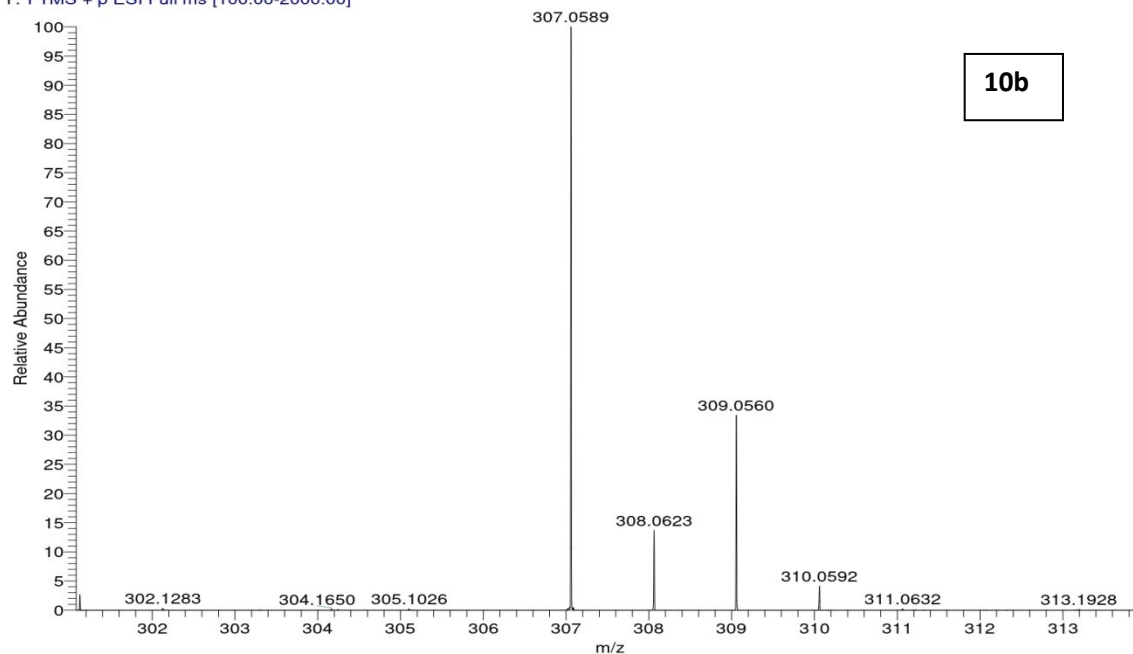
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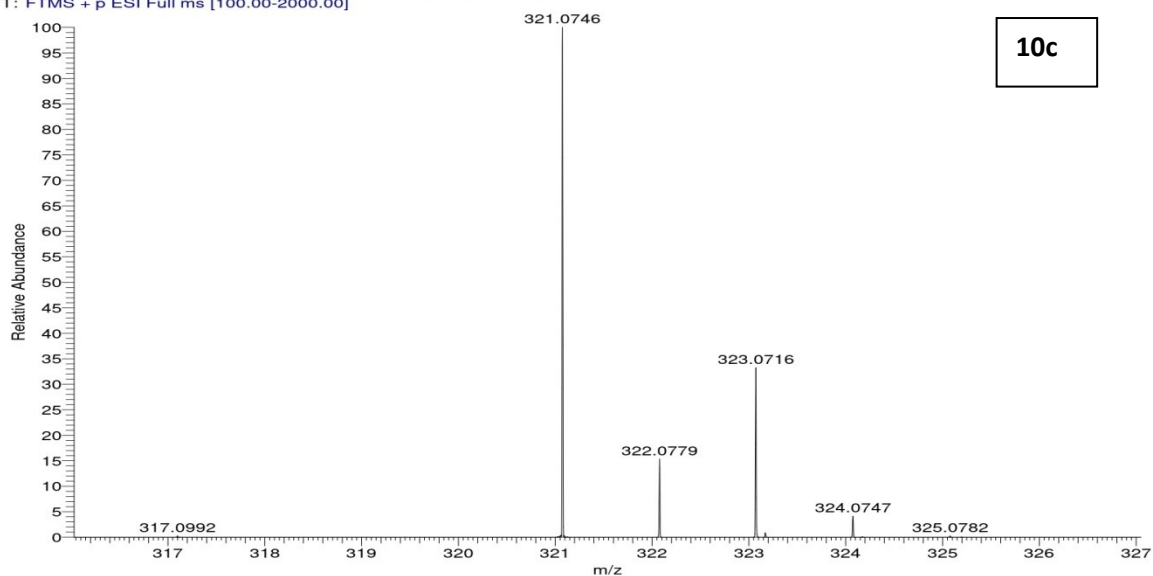


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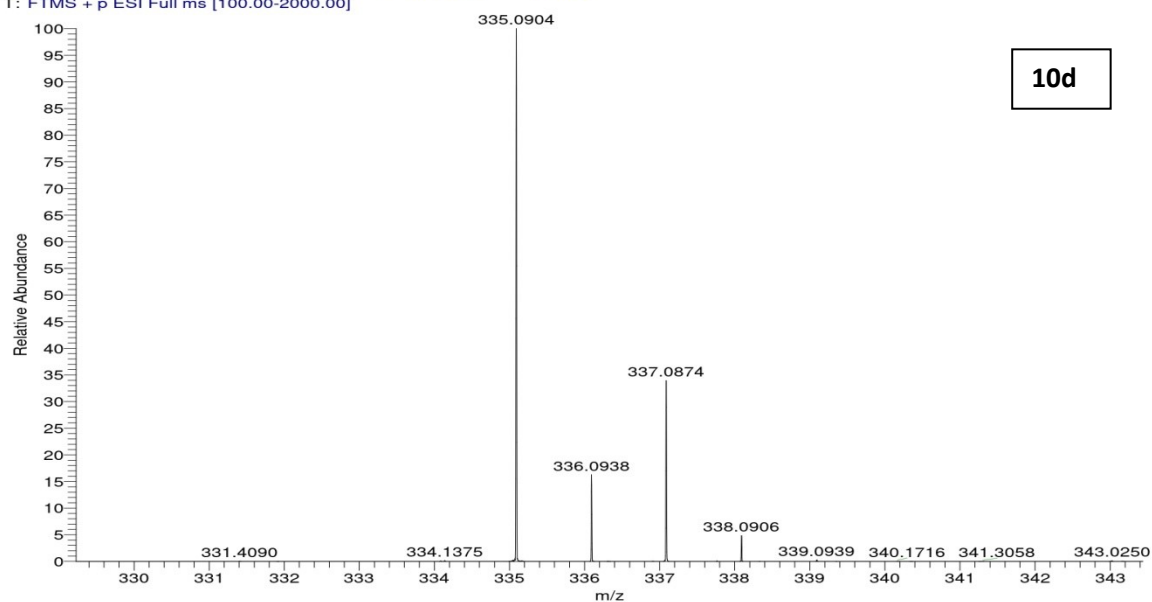
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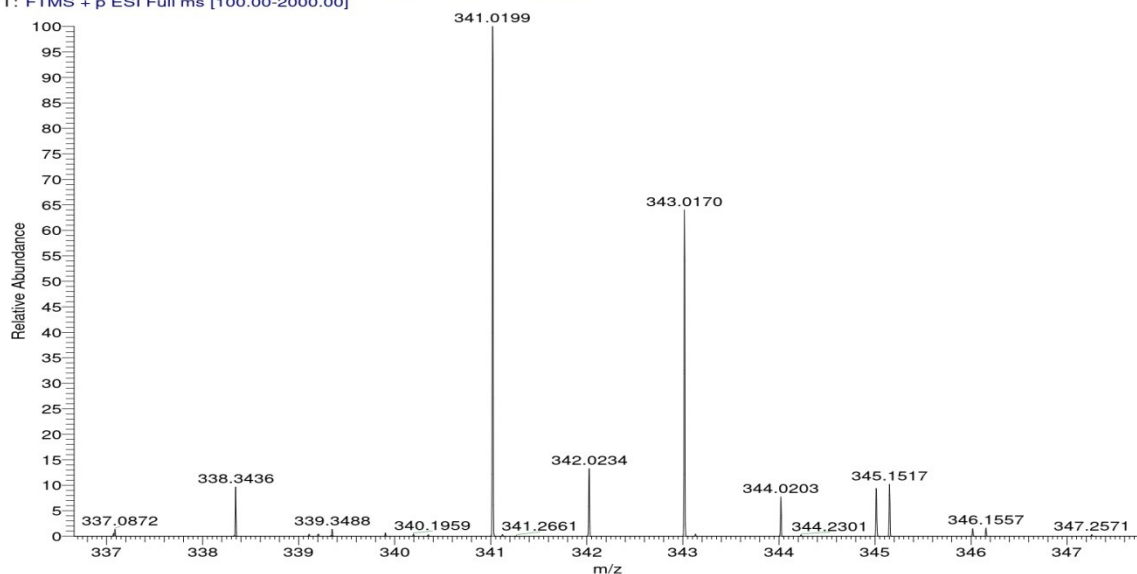
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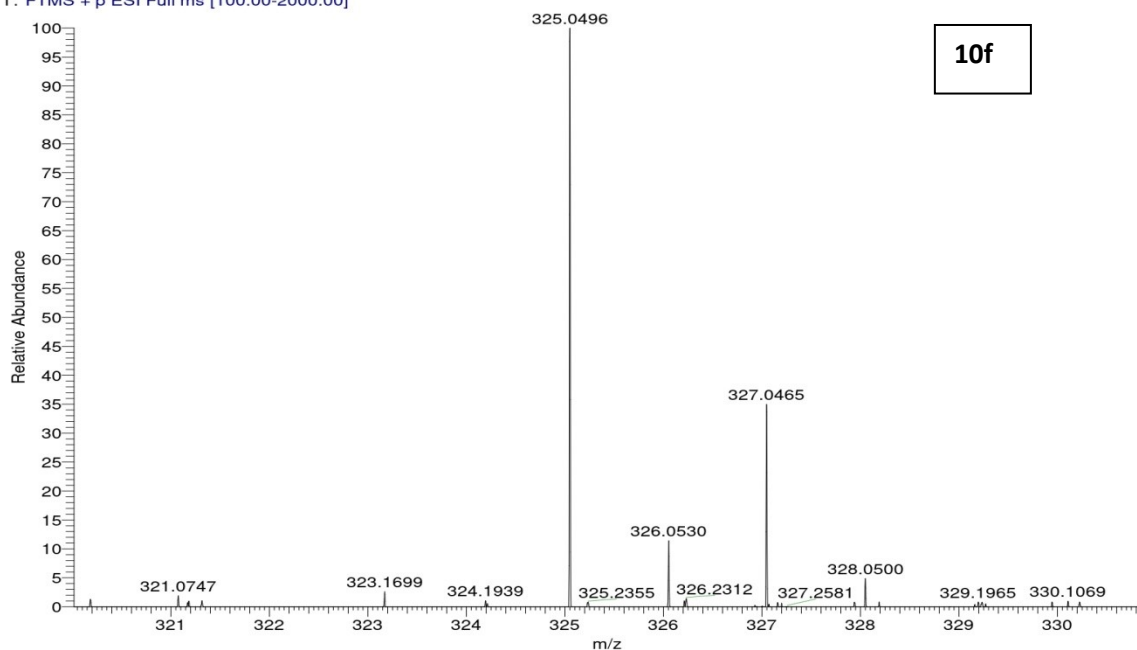
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**10d****10e**

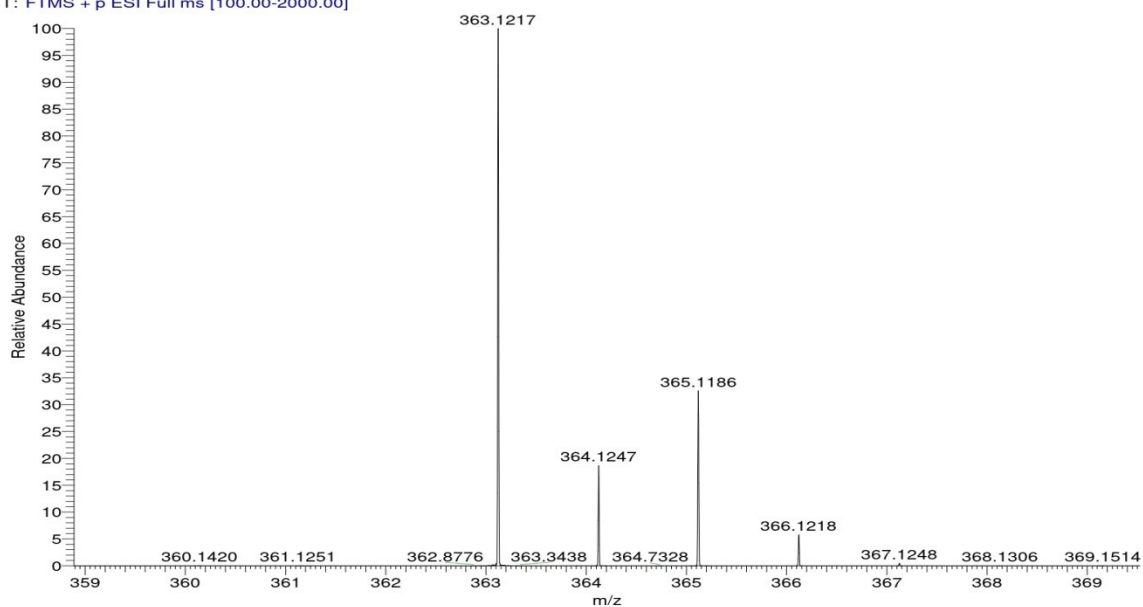
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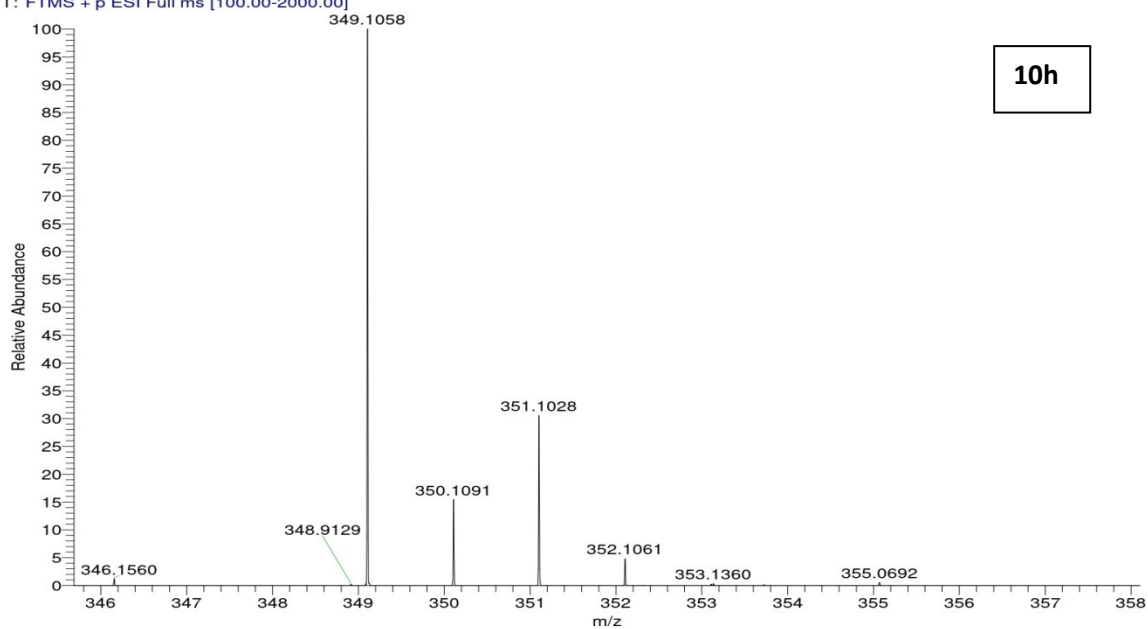
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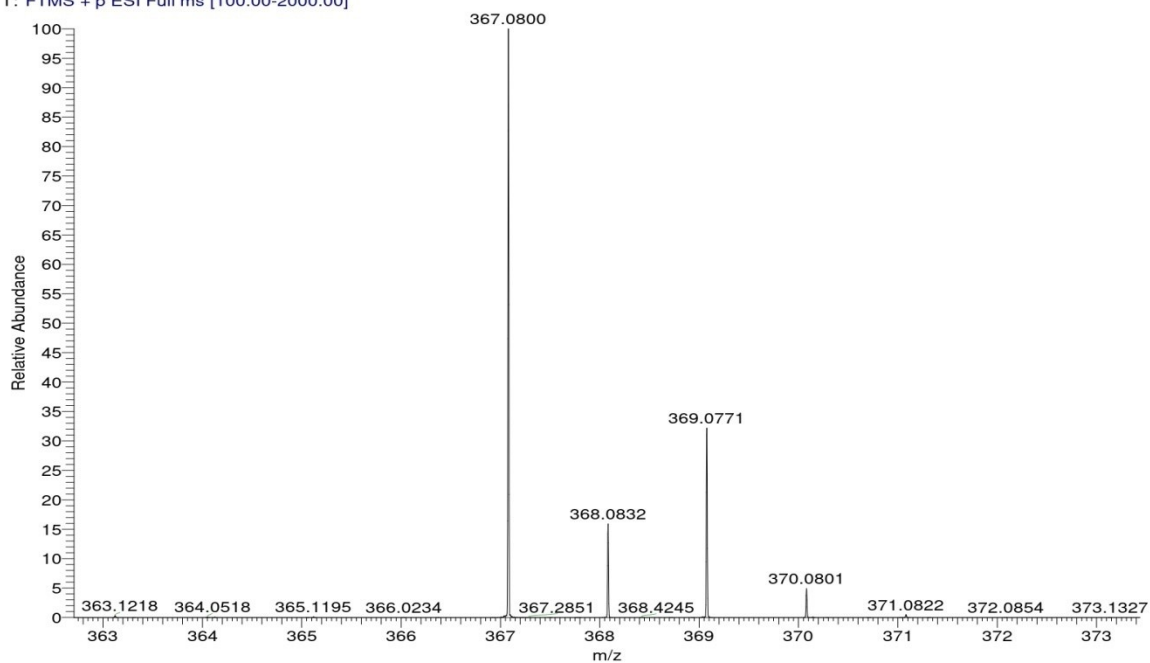
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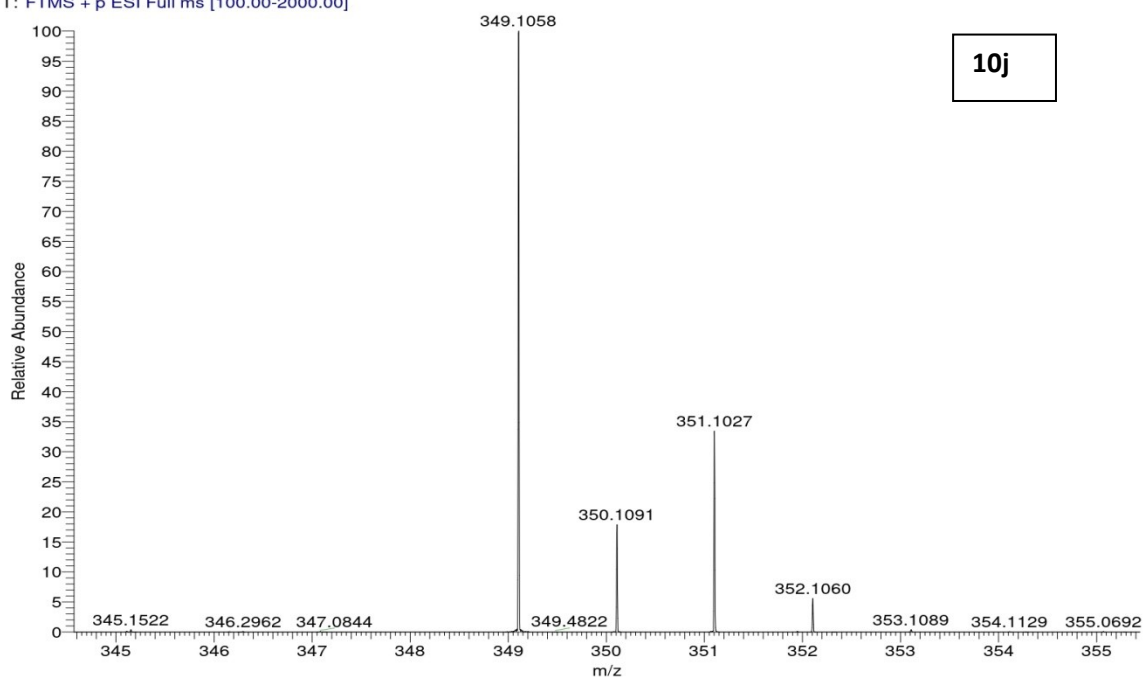
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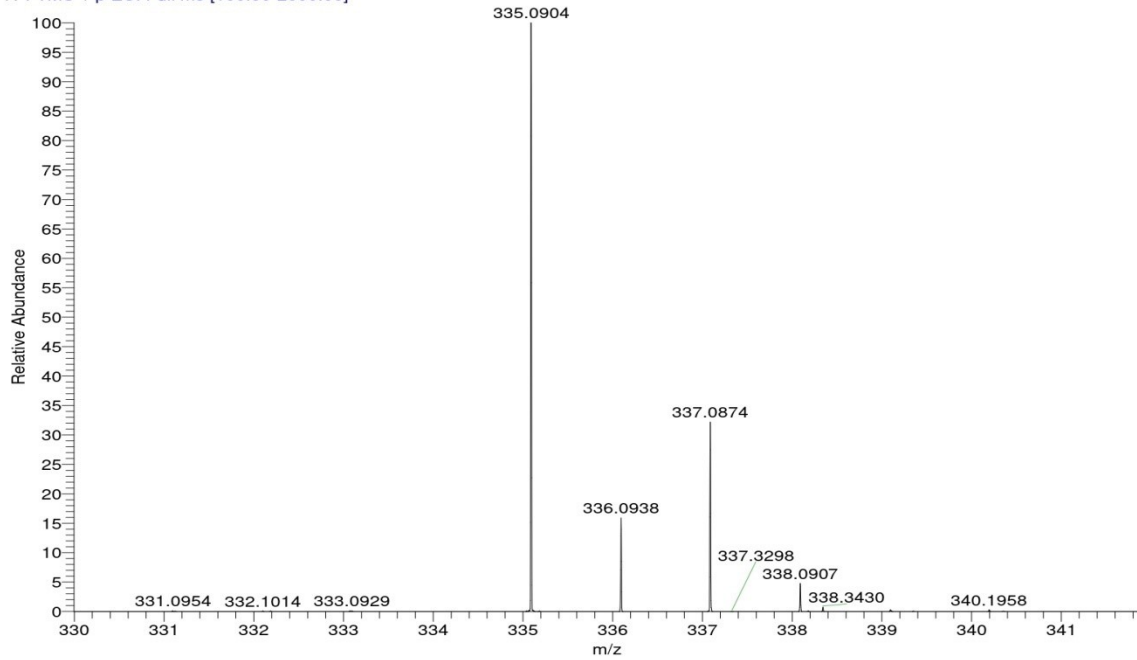
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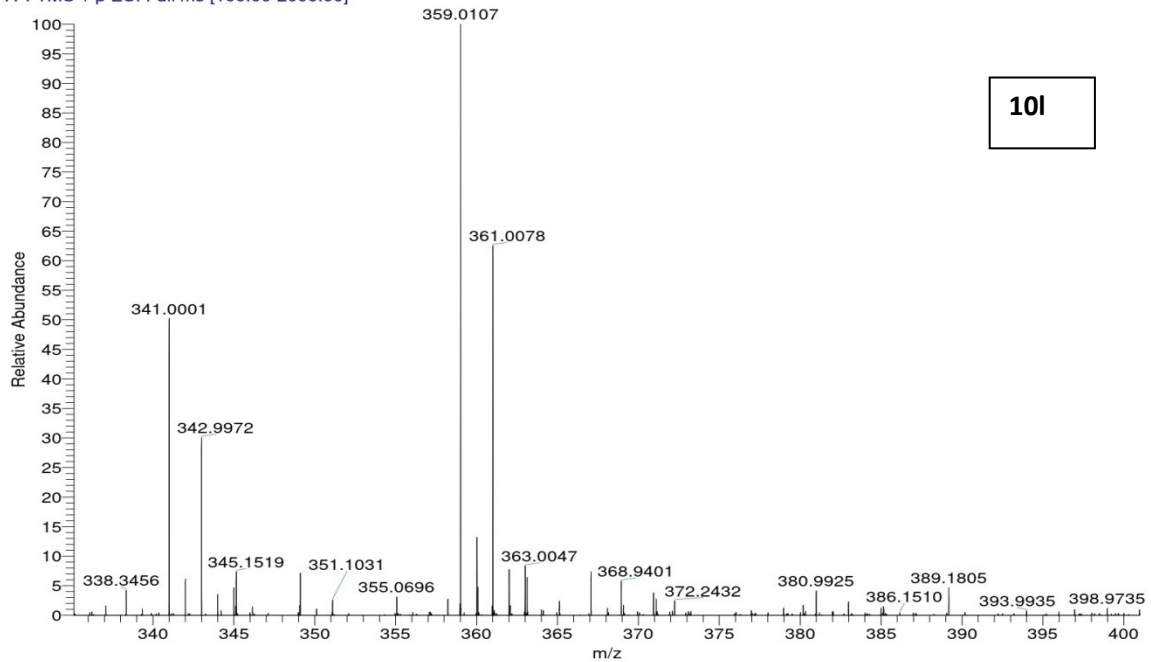
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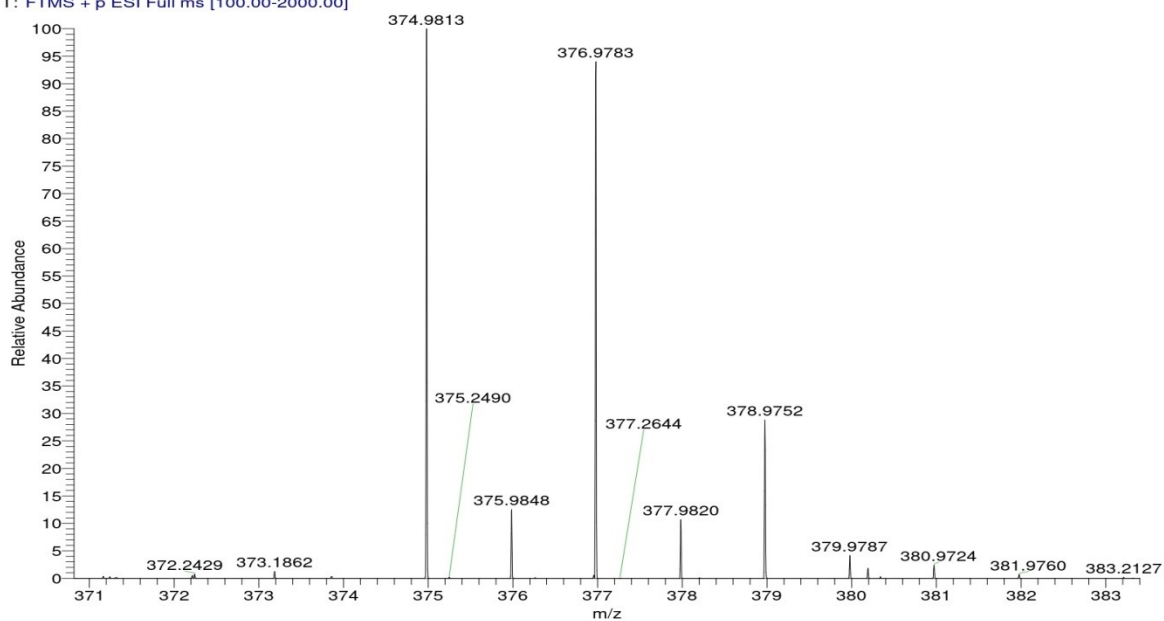
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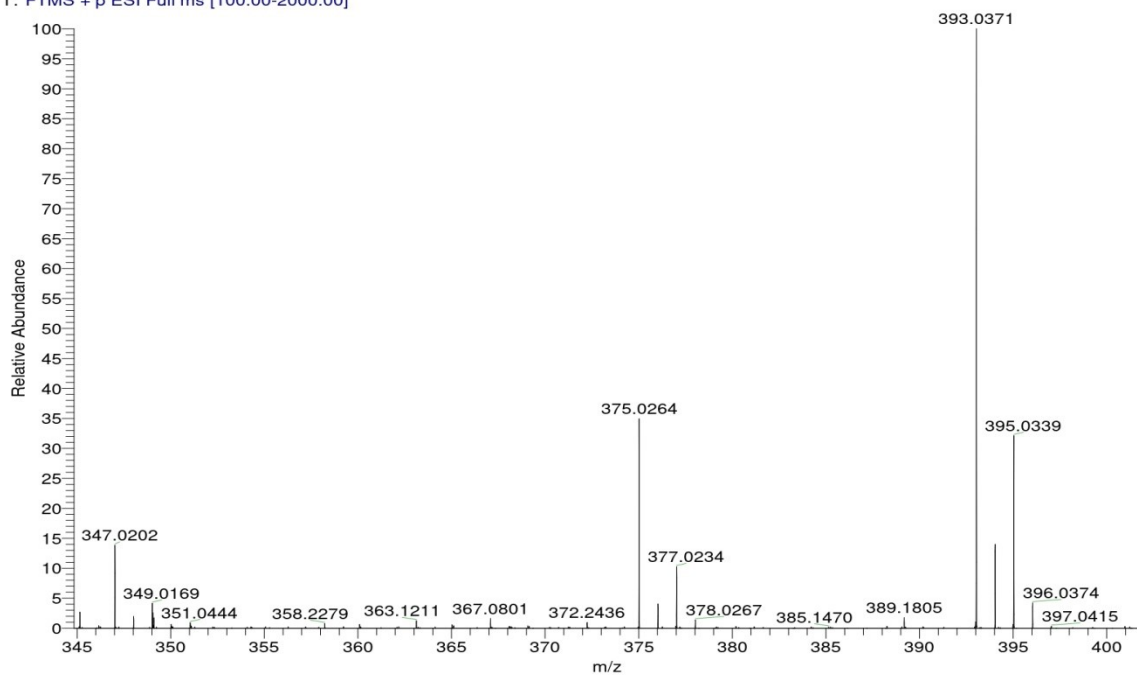
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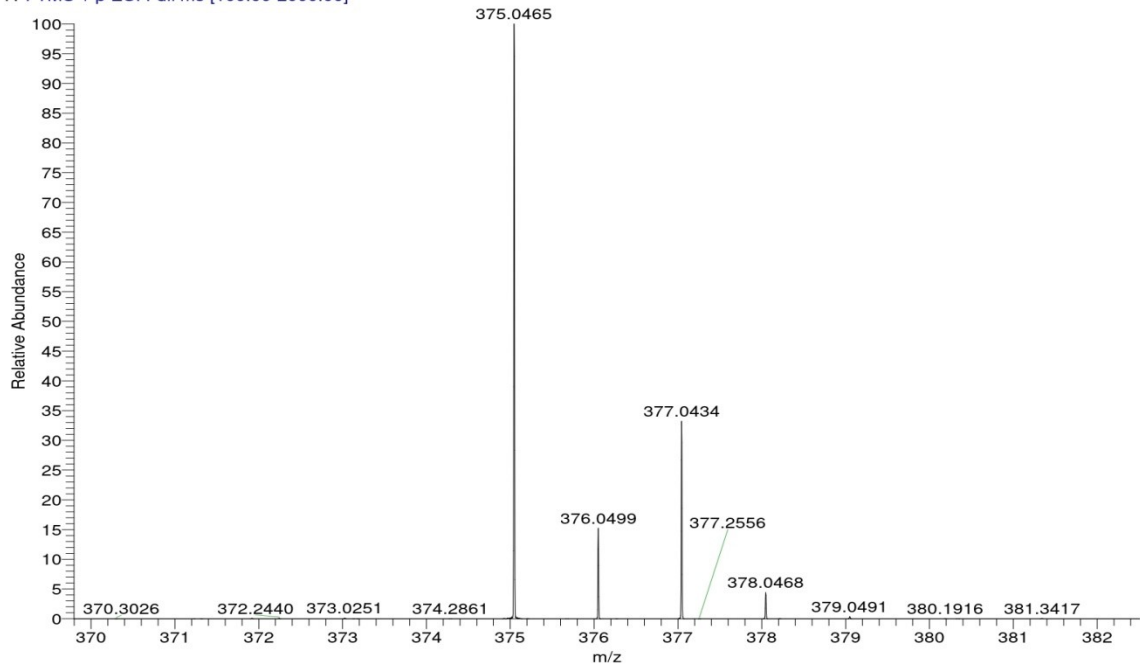
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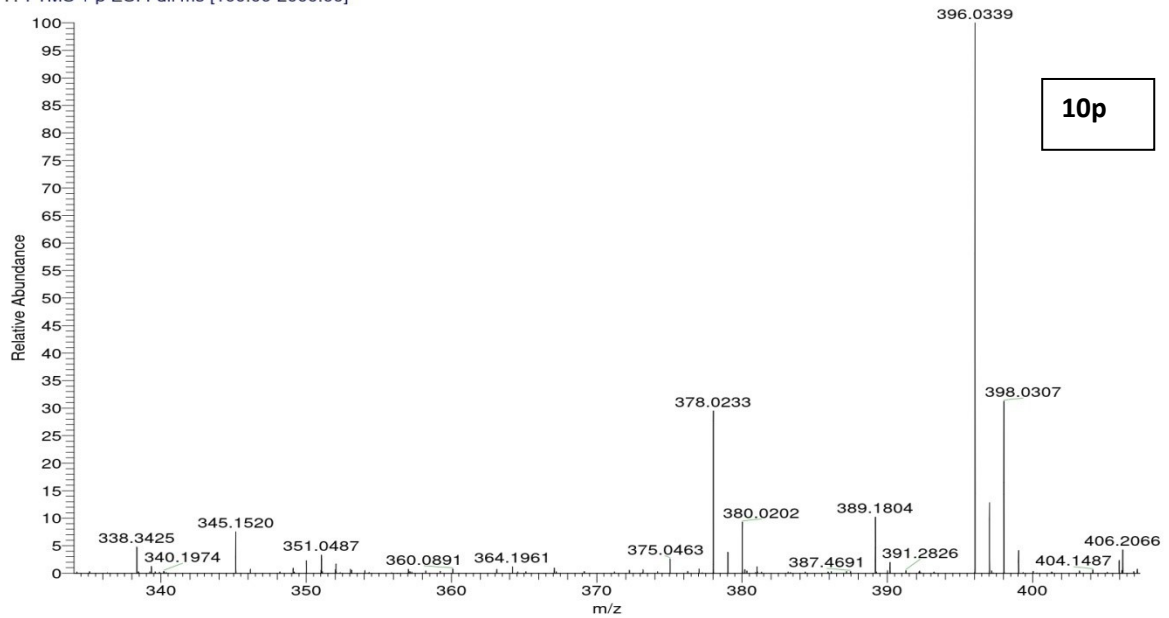
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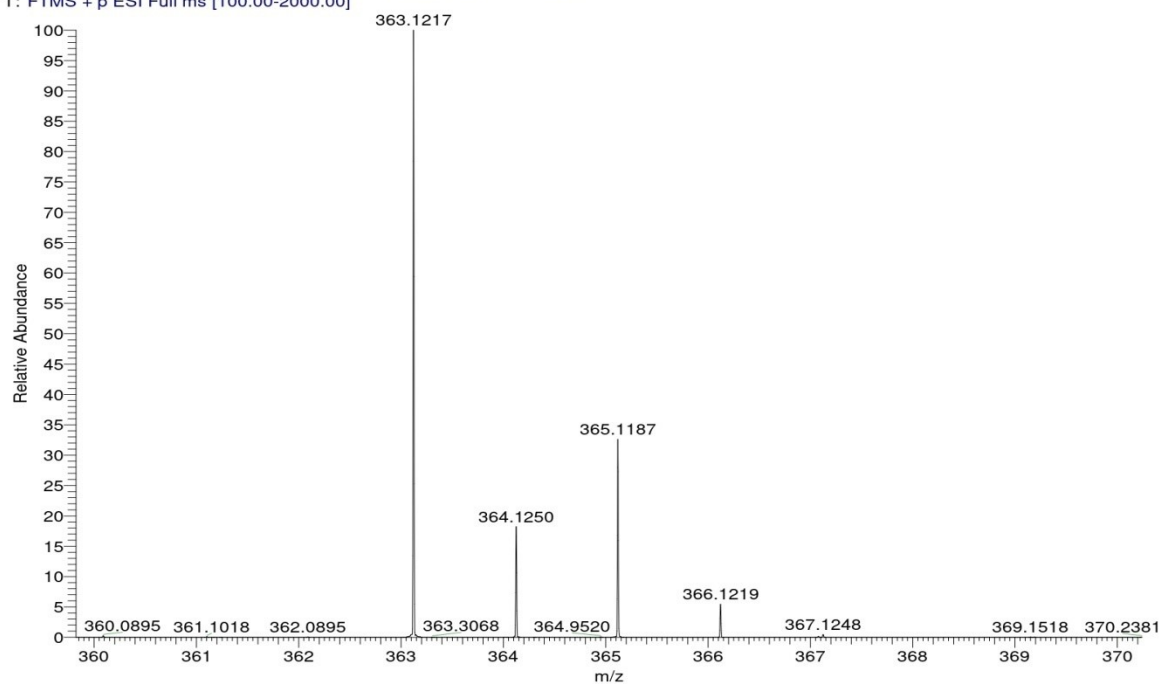
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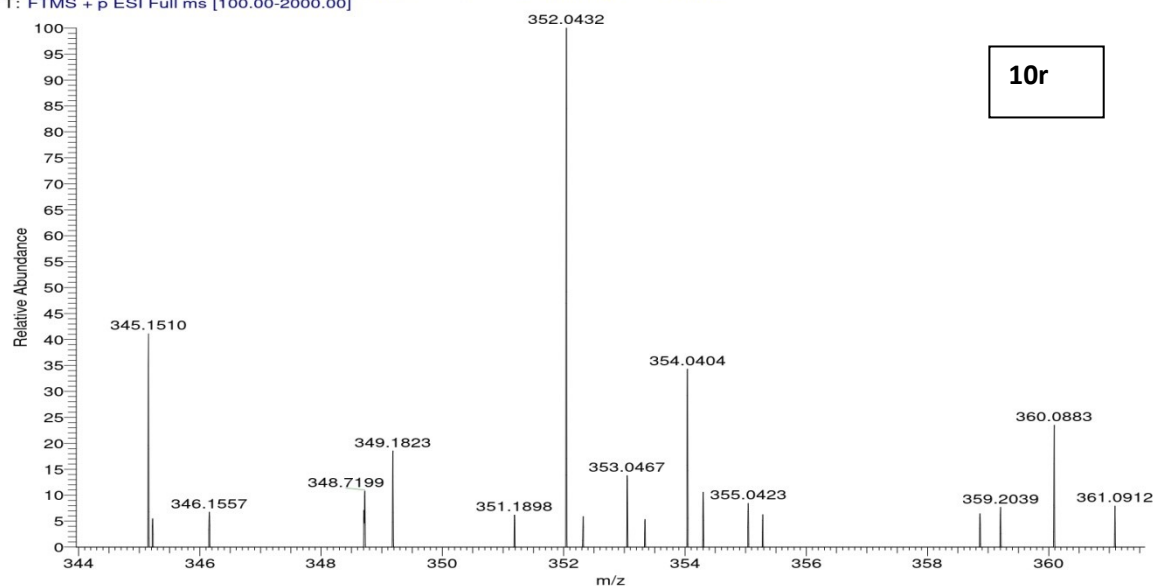
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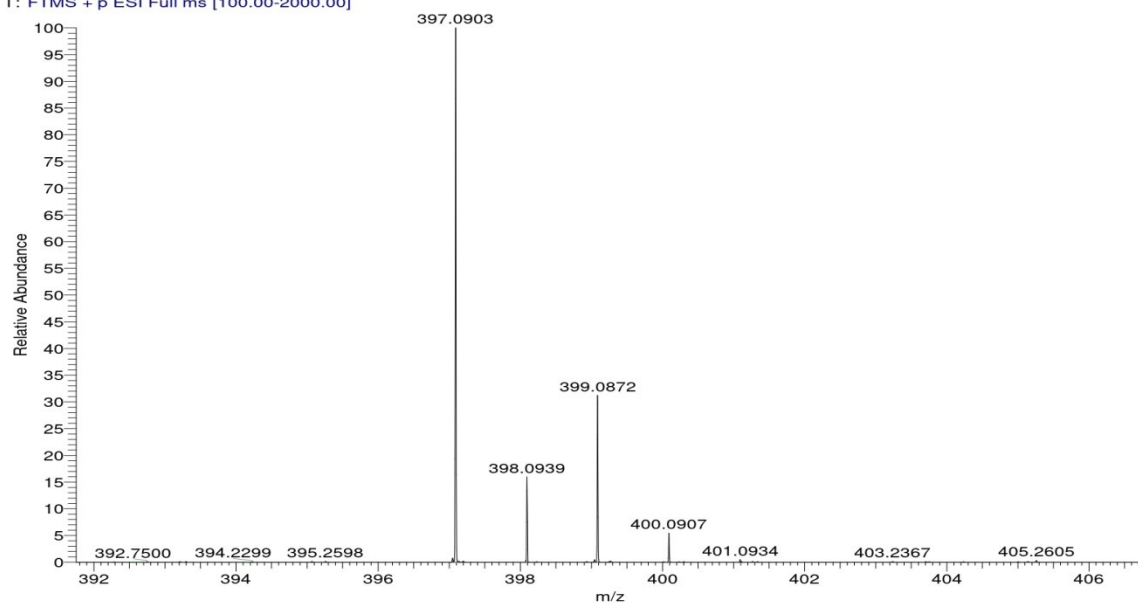
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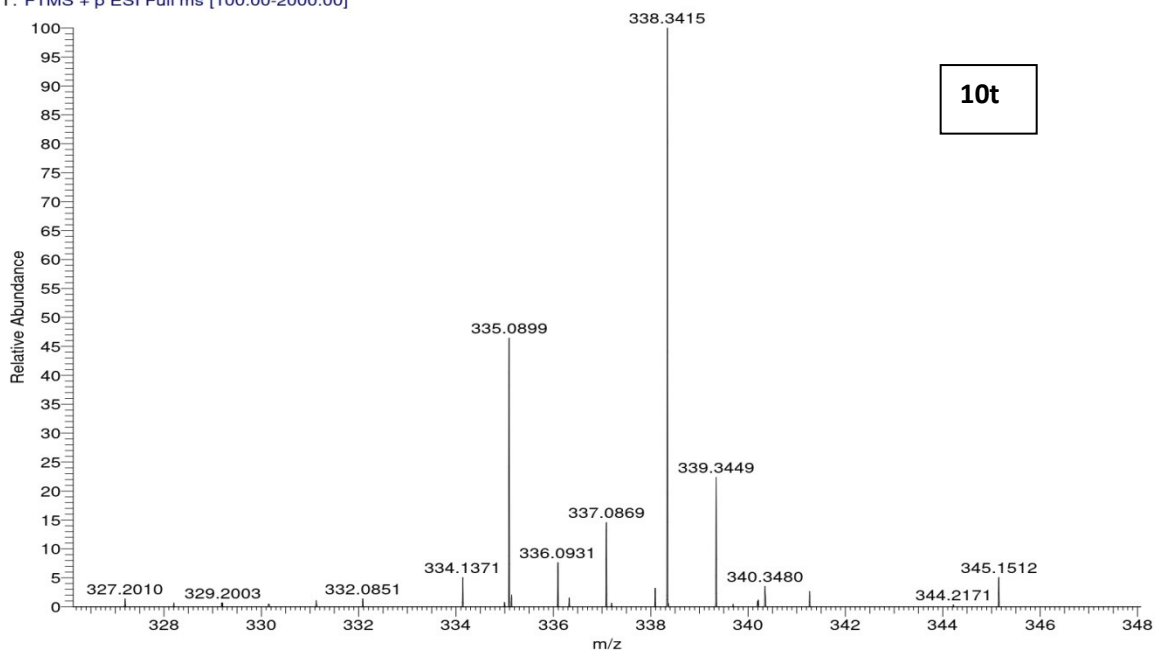
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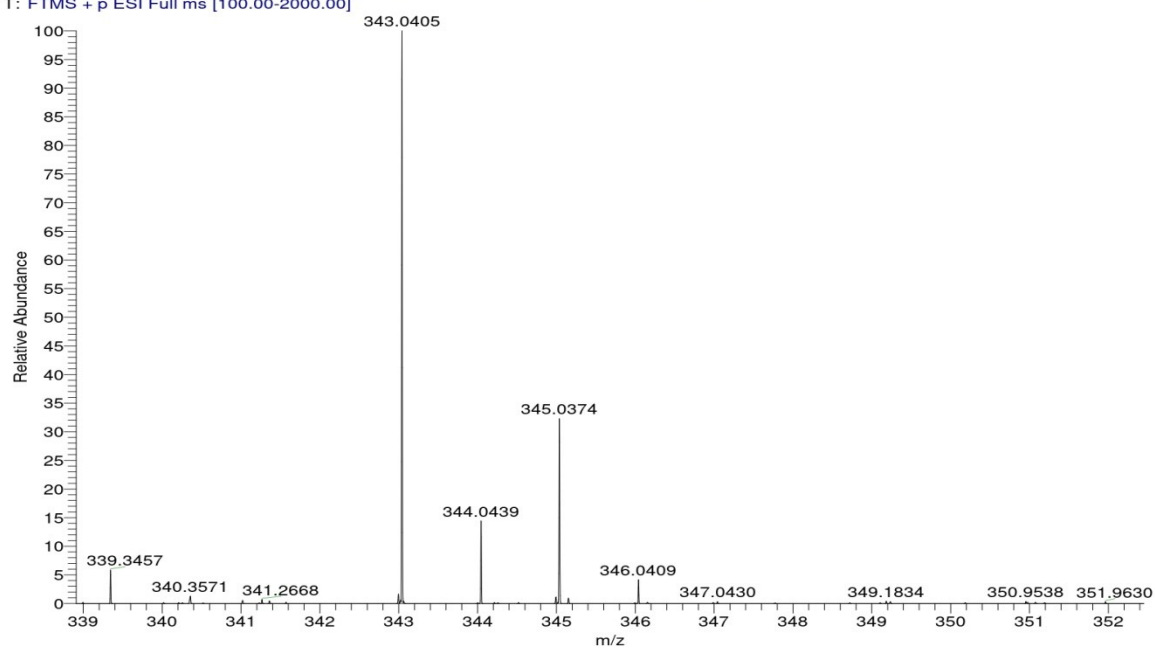
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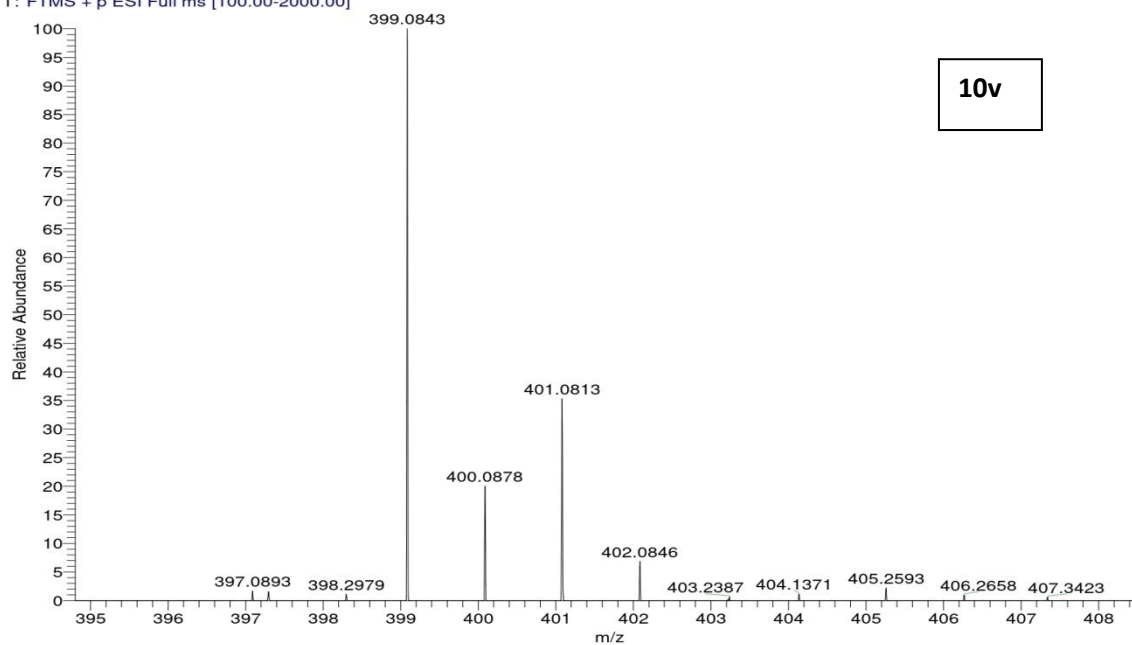
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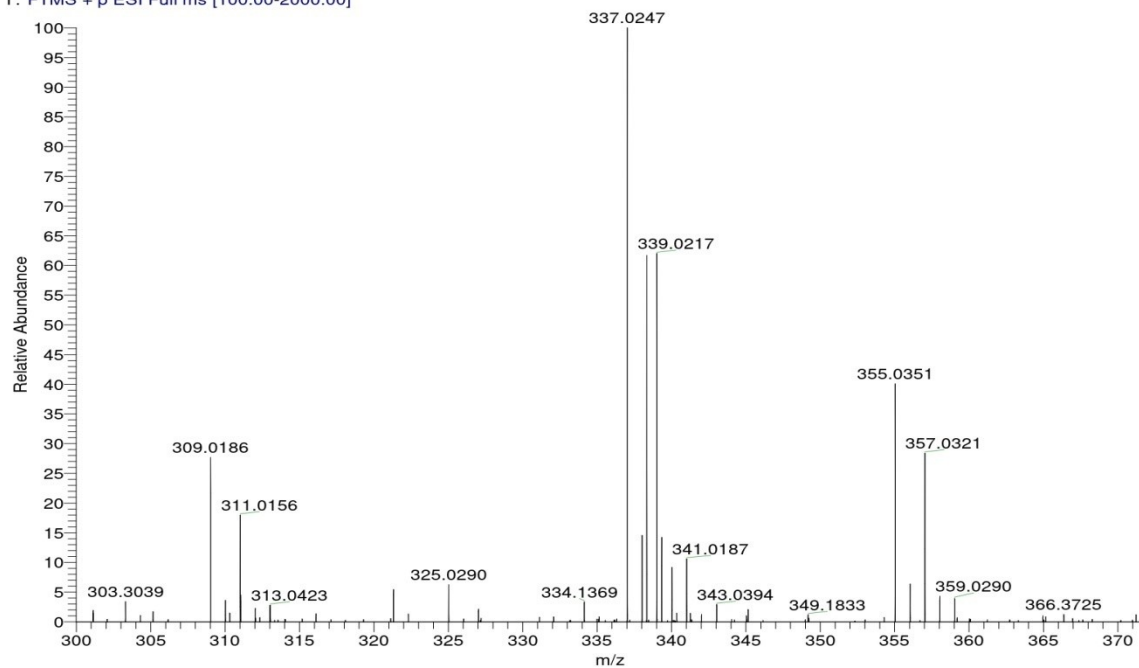


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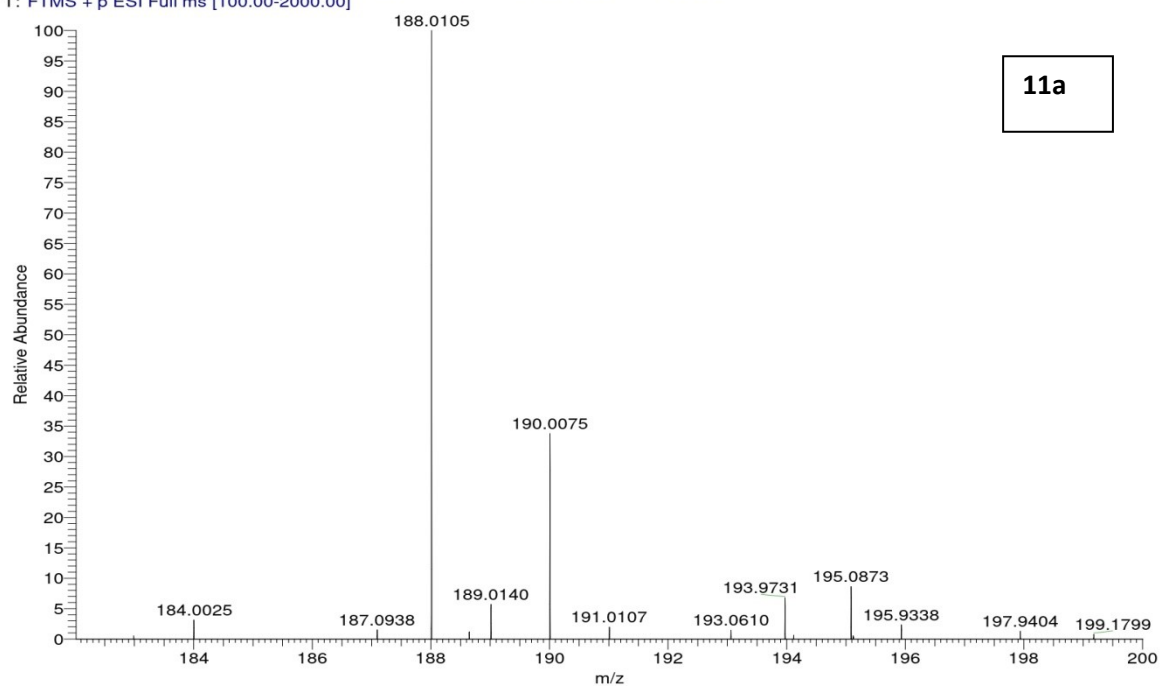


10v

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**11a**