

Synthesis, characterization, thermal behavior and biological activity of ozonides from vegetable oils

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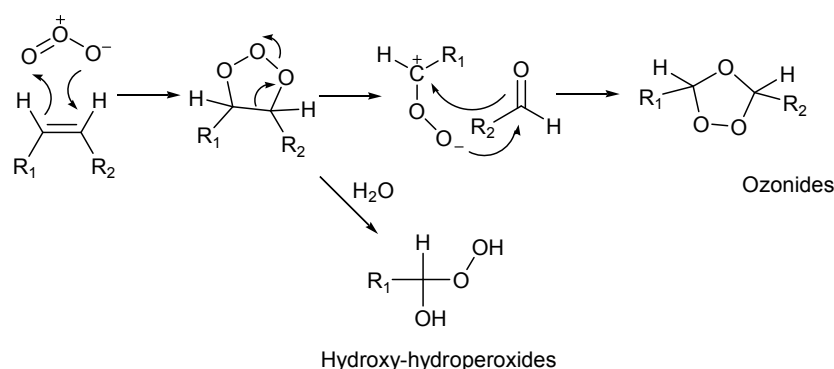
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Scheme SI-1. Mechanism of ozonolysis reaction.

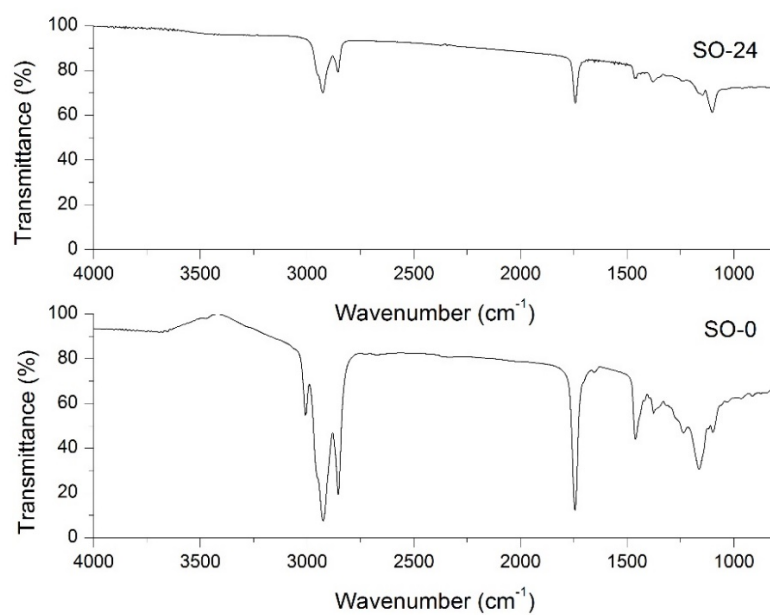


Figure SI-1. IR spectra of SO-0 and SO-24.

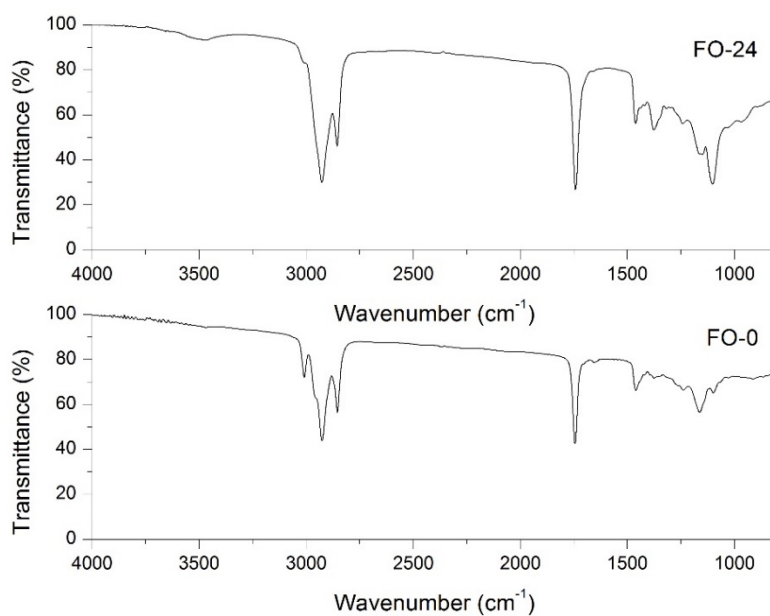


Figure SI-2. IR spectra of FO-0 and FO-24.

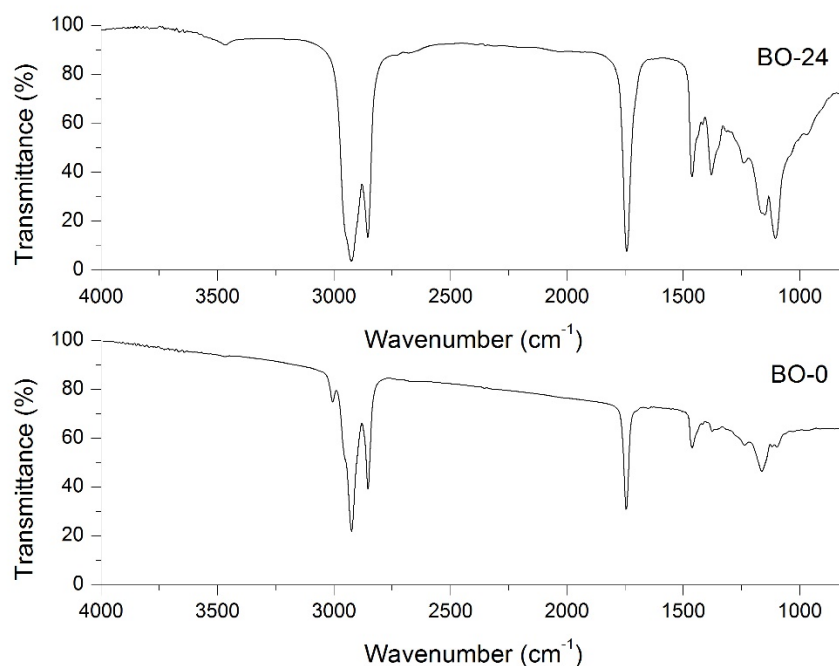
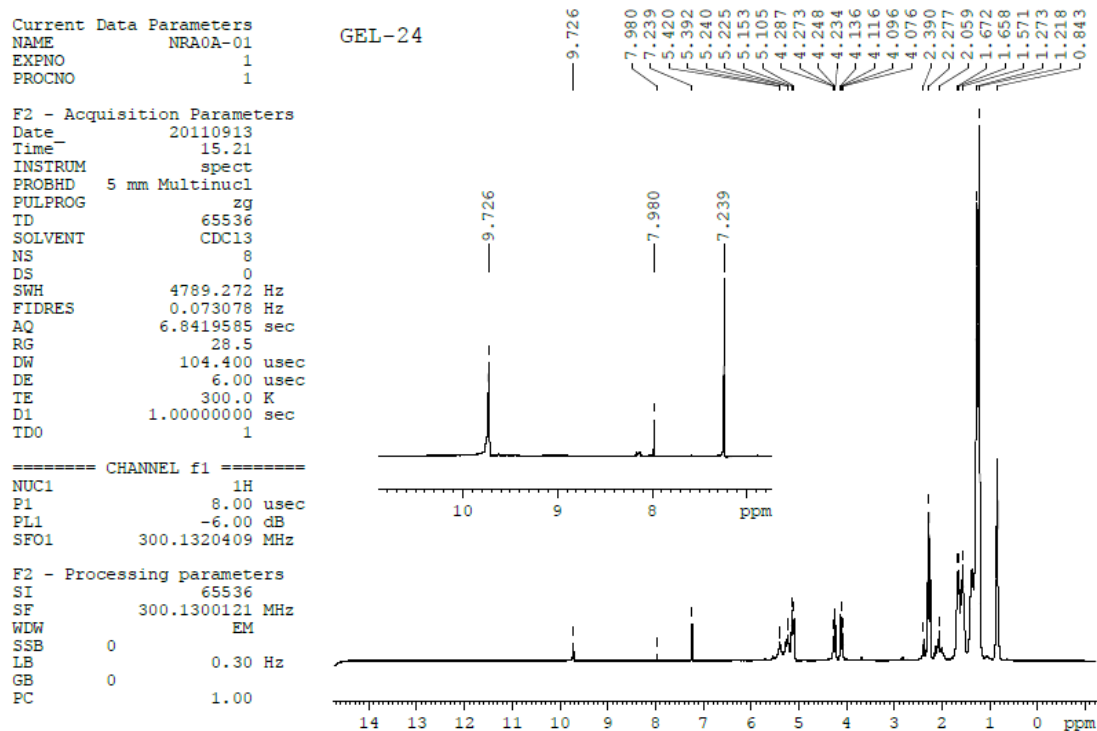
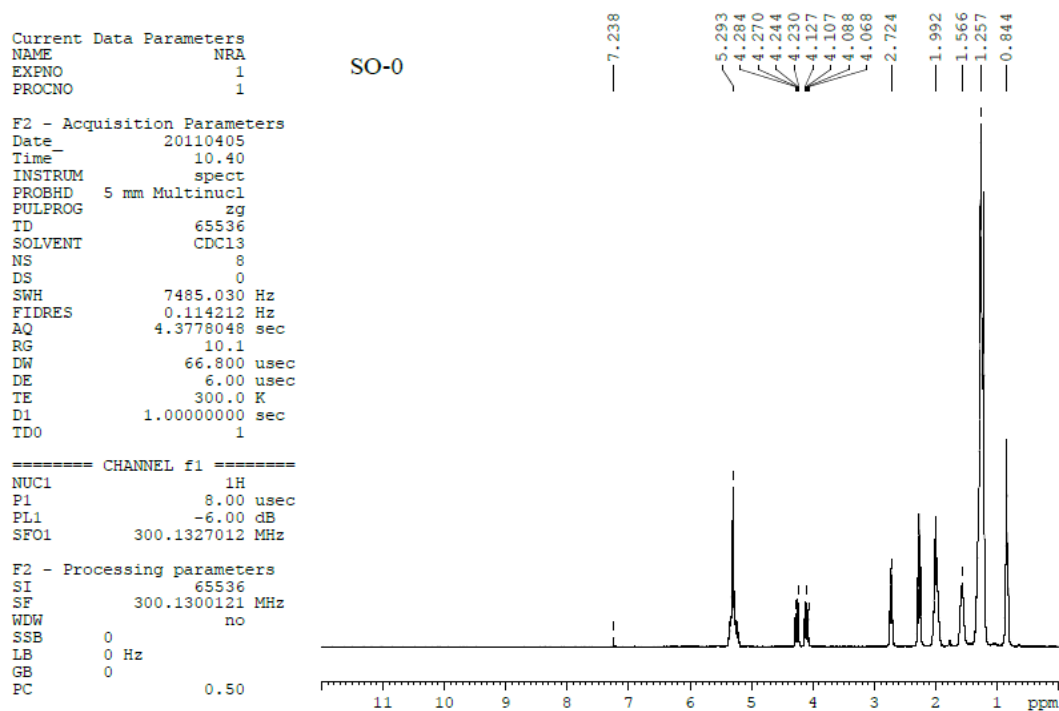
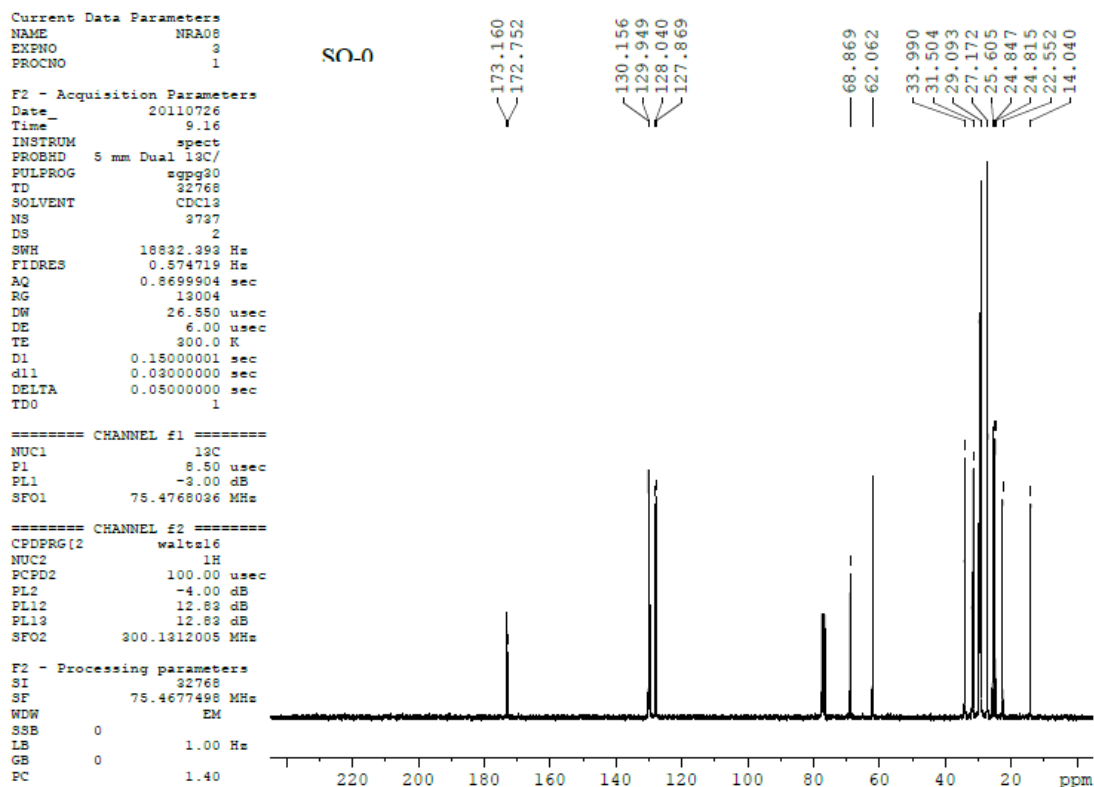


Figure SI-3. IR spectra of BO-0 and BO-24.

Figure SI-4. ¹H NMR spectra of GEL-24.

Figure SI-5. ¹H NMR spectra of SO-0.Figure SI-6. ¹³C NMR spectra of SO-0.

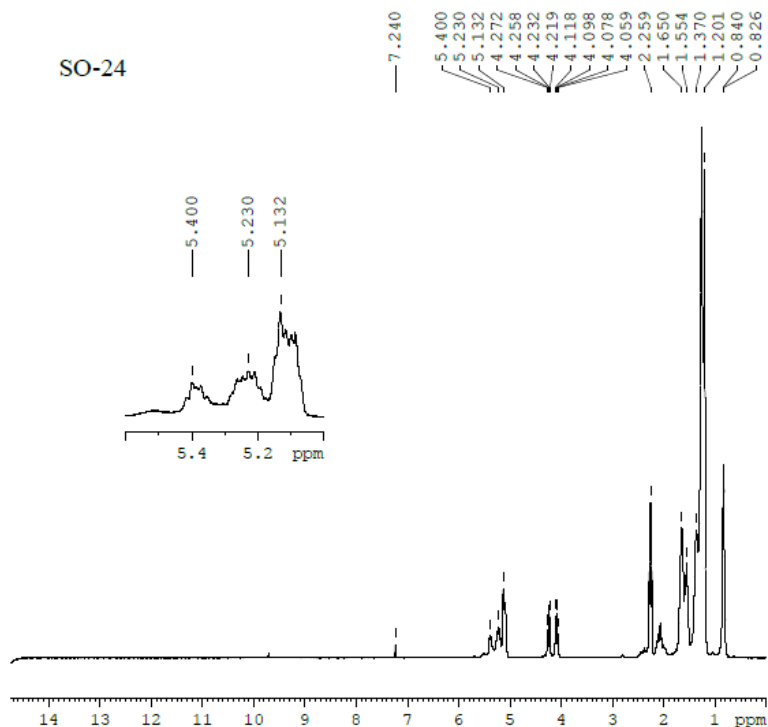
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PROCNO 1

SO-24

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PULPROG zg
TD 65536
SOLVENT CDC13
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RG 18
DW 104.400 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
TD0 1

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F2 - Processing parameters
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WDW EM
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Figure SI-7. ¹H NMR spectra of SO-24.

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PROCNO 1

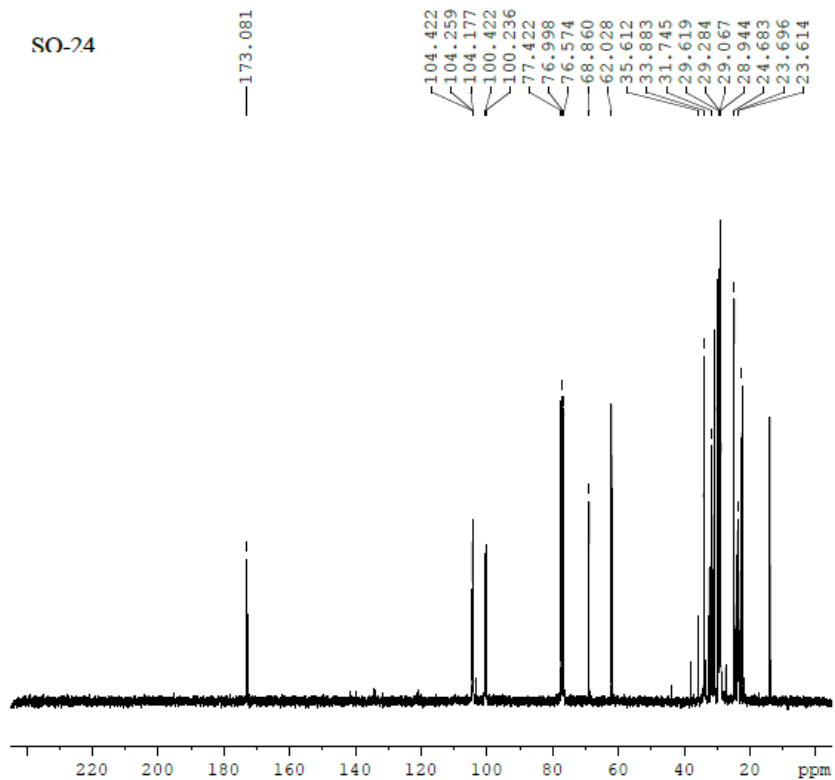
SO-24

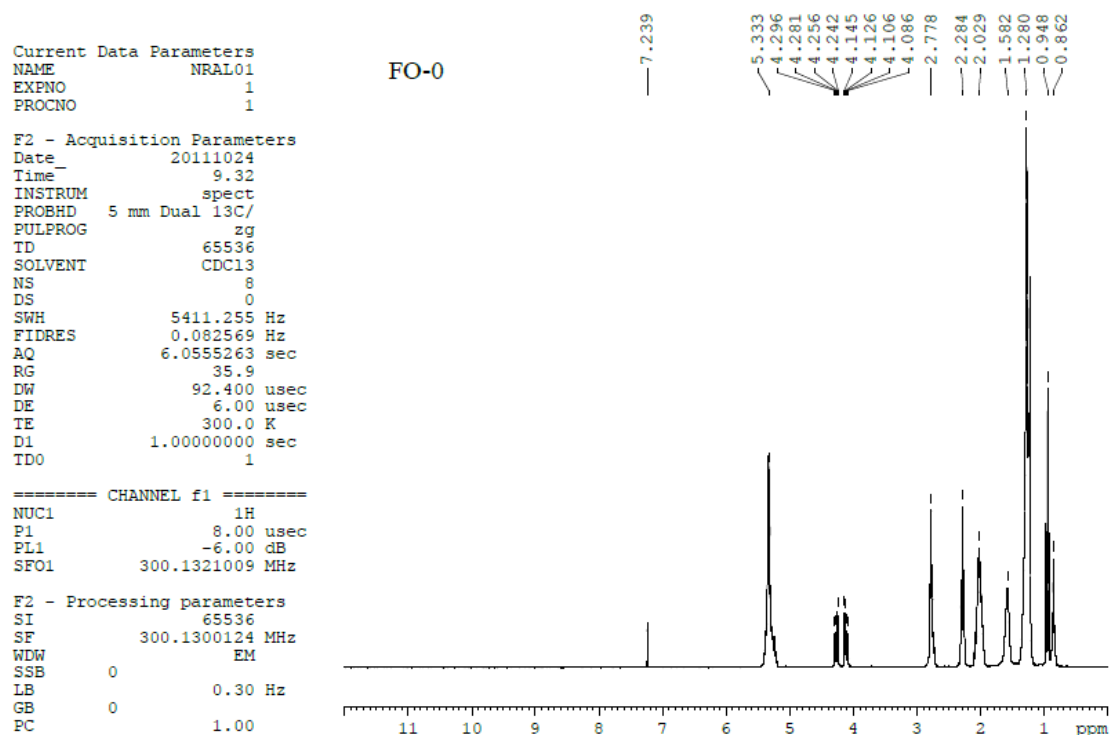
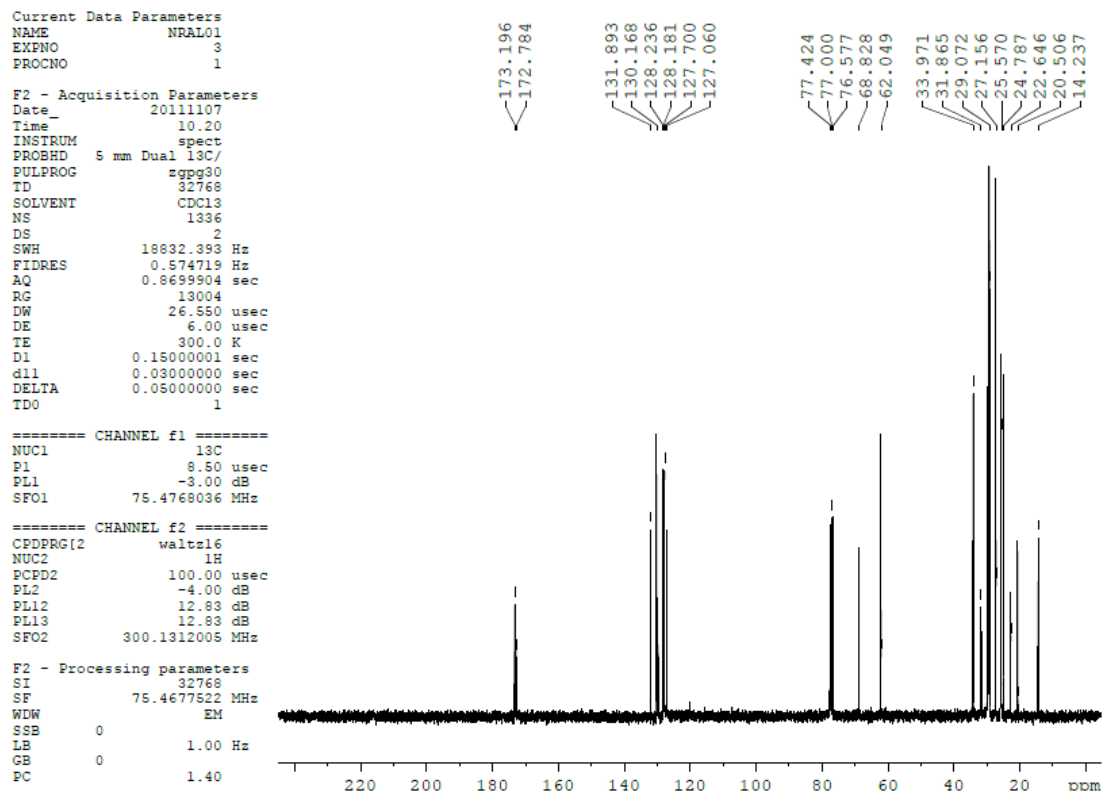
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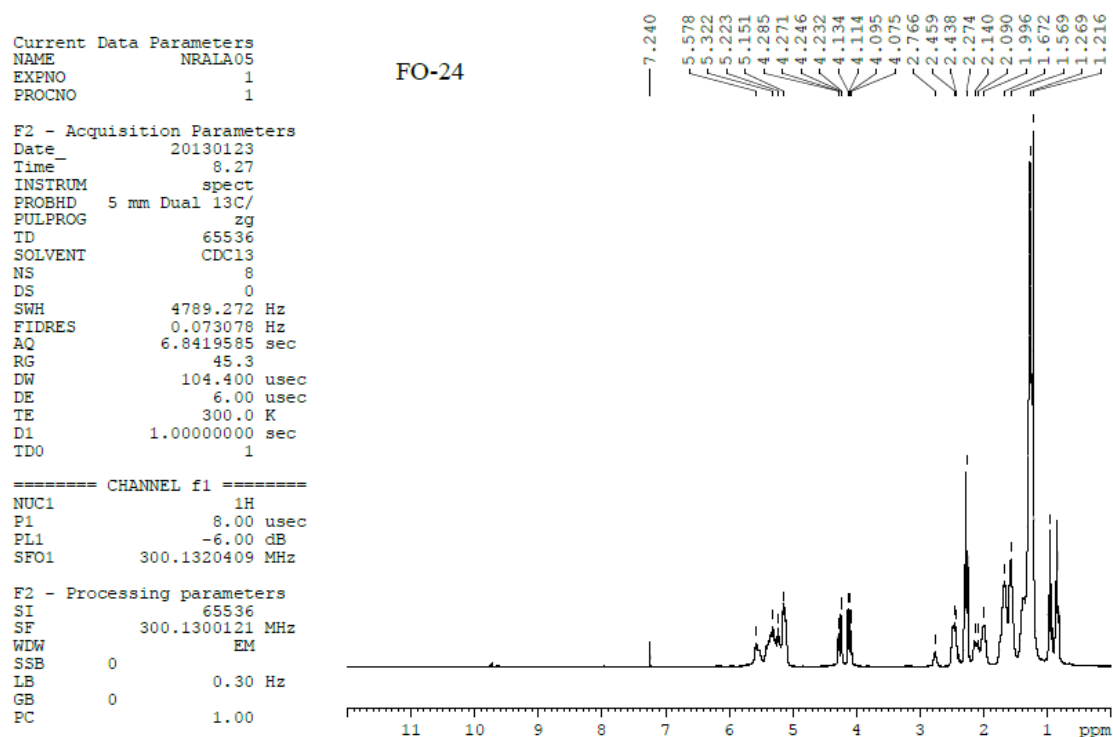
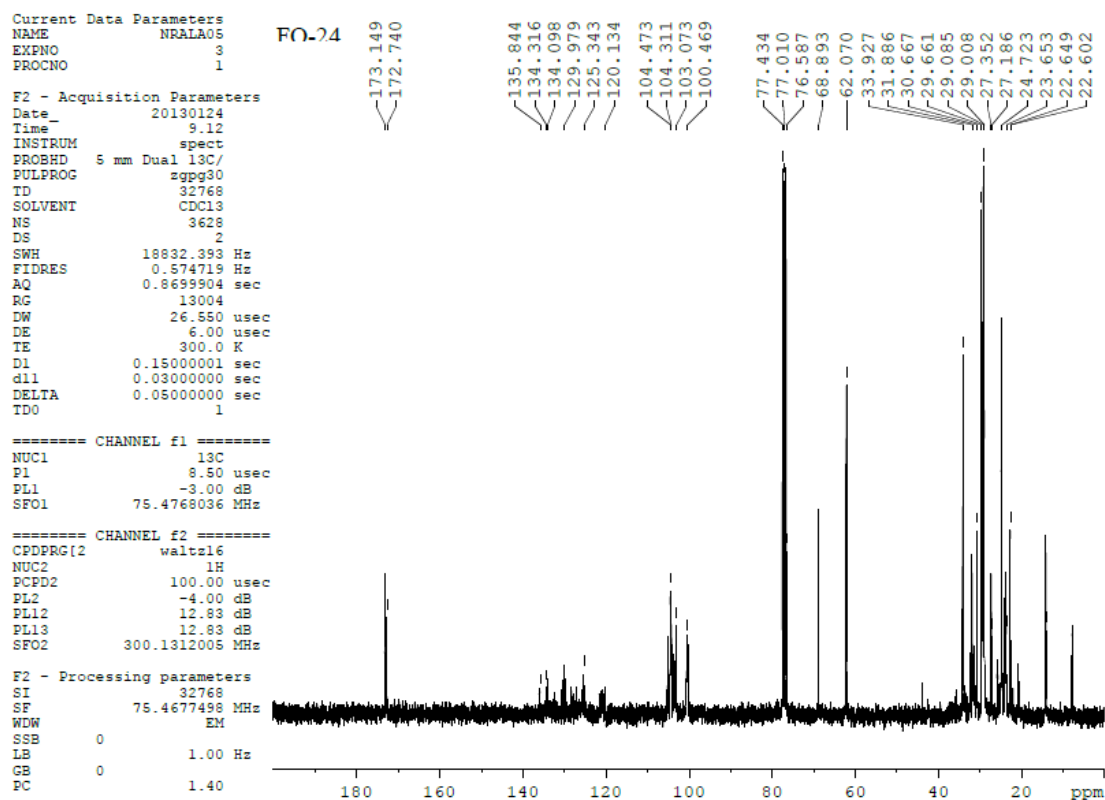
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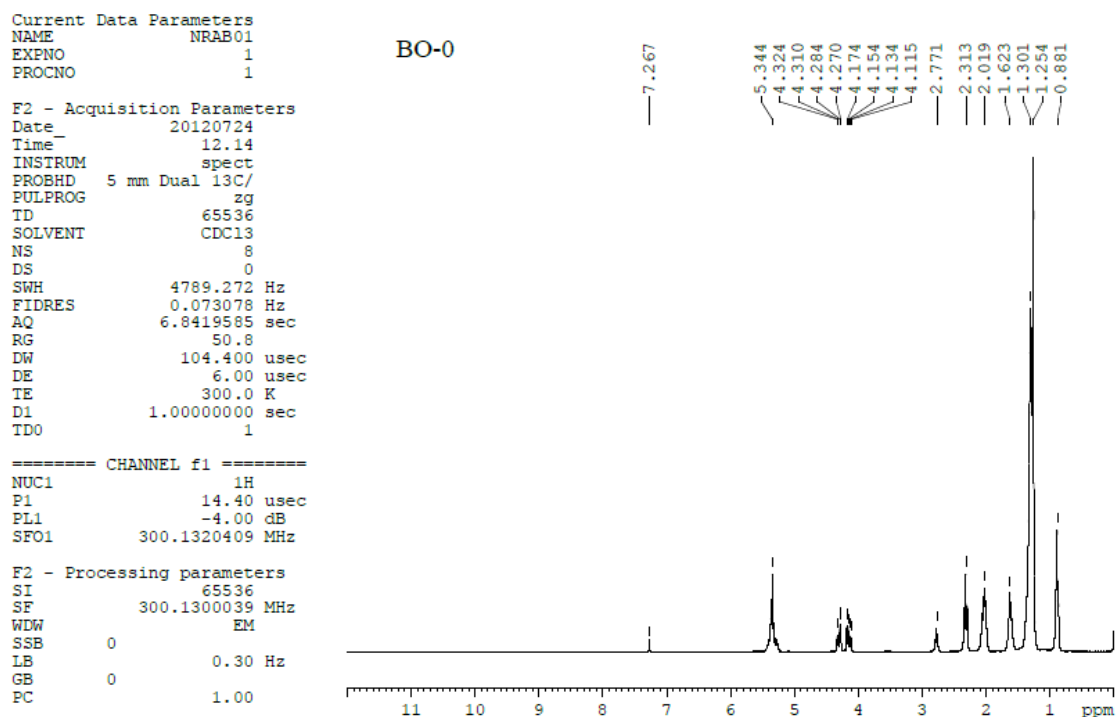
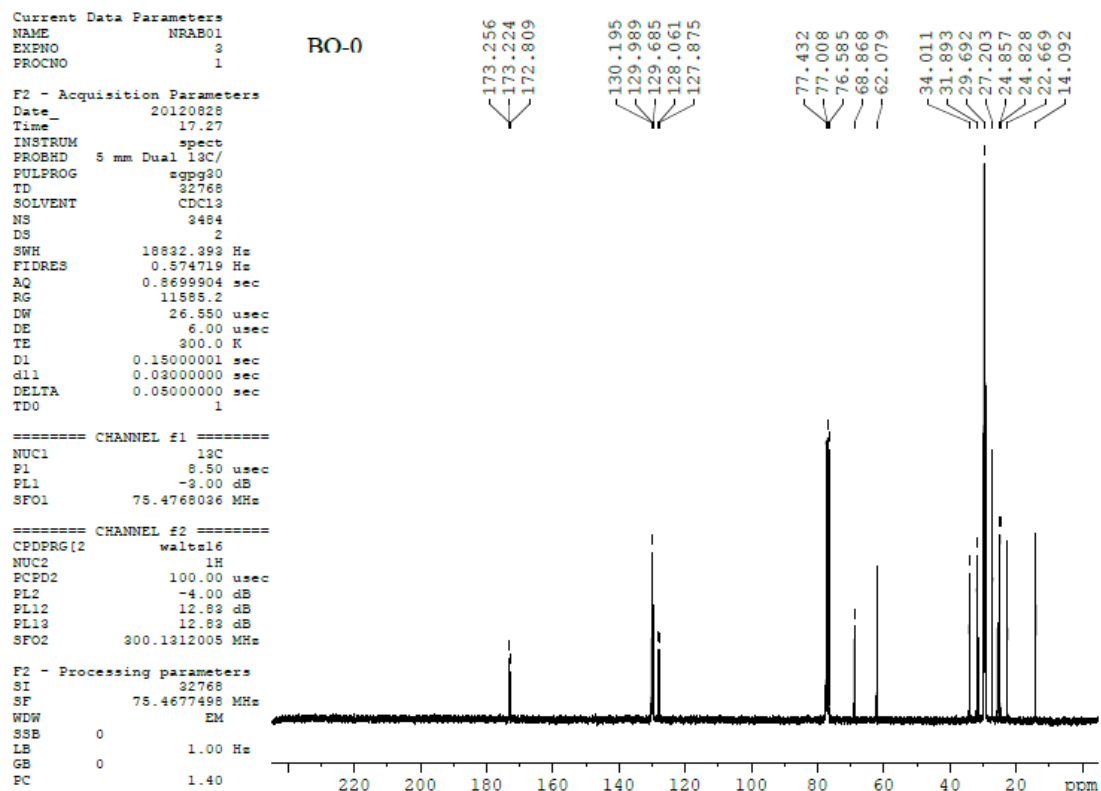
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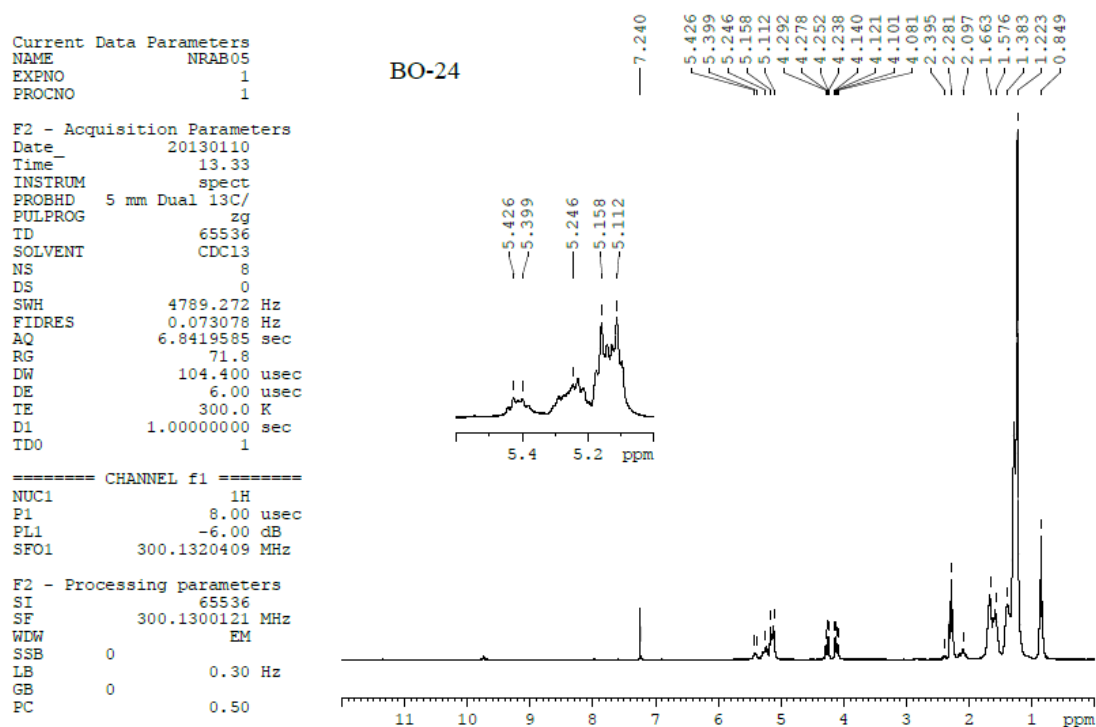
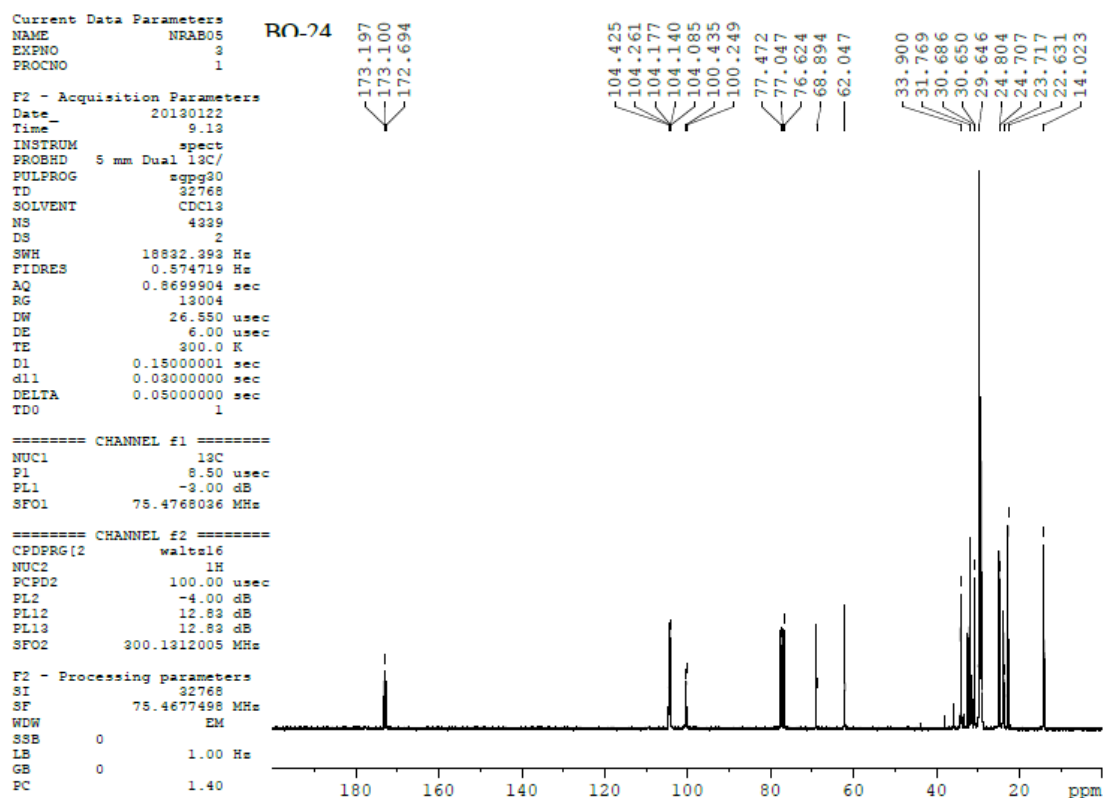
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Figure SI-8. ¹³C NMR spectra of SO-24

Figure SI-9. ¹H NMR spectra of FO-0.Figure SI-10. ¹³C NMR spectra of FO-0.

Figure SI-11. ^1H NMR spectra of FO-24.Figure SI-12. ^{13}C NMR spectra of FO-24.

Figure SI-13. ^1H NMR spectra of BO-0.Figure SI-14. ^{13}C NMR spectra of BO-0.

Figure SI-15. ^1H NMR spectra of BO-24.Figure SI-16. ^{13}C NMR spectra of BO-24.