

Supporting information for:

The Reversed Kenner Linker: A New Safety-Catch Linker for the Preparation of N-Alkyl Sulfonamides

By

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General

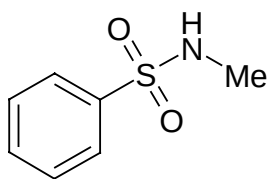
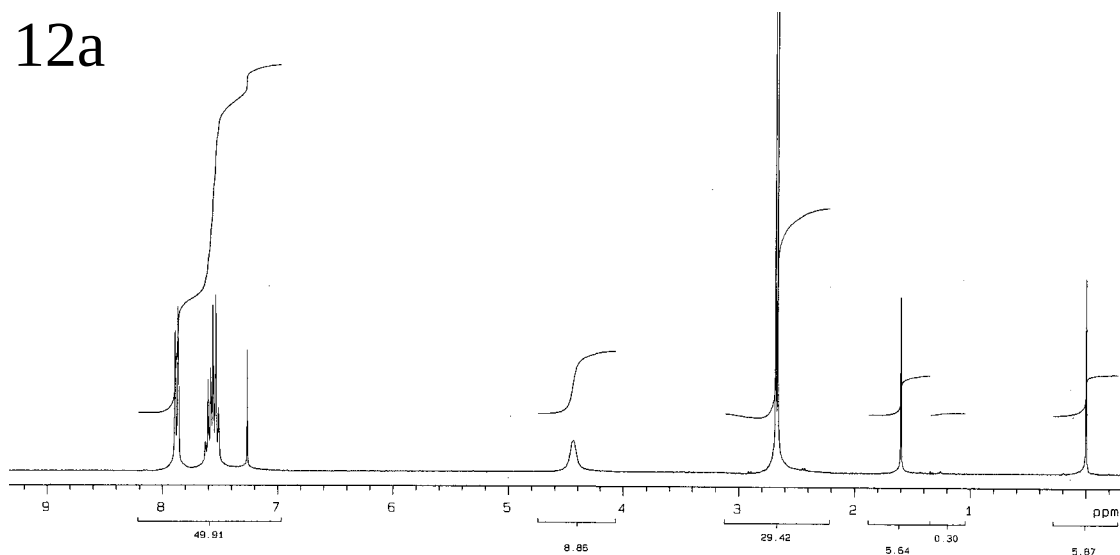
Analytical data is attached for a series of compounds **12** prepared as described in the paper. Proton NMR were obtained in CDCl₃ on a Varian Mercury 300 MHz instrument (Varian instruments, Palo Alto, CA). HPLC was carried out on a 250 x 4.6 mm ODS-AM C18 column (YMC Corporation; Wilmington, NC) using Beckman System Gold equipment (Beckman Instruments, Torrance, CA; 126 binary pump; 168 diode array detector; 507e autosampler) using a gradient of acetonitrile in water (1 mL/min; 0.1% trifluoroacetic acid buffer; gradient of 10-90% over 30 min.) with UV detection at 220 nm. LC-MS was run on a Hewlett Packard 1100 MSD electrospray single quadropole mass spectrometer using a Betasil C18 column (30 x 2 mm; Keystone Scientific, Bellefonte, PA) and a gradient of acetonitrile in water (0.05% formic acid buffer, 20-90% over 4 min.) with UV detection at 220 nm in addition to mass detection. The accompanying mass spectra were extracted from LCMS data in negative ion mode and represent the average spectrum at half-height for the main peak.

Data is displayed (one compound per page) as follows:

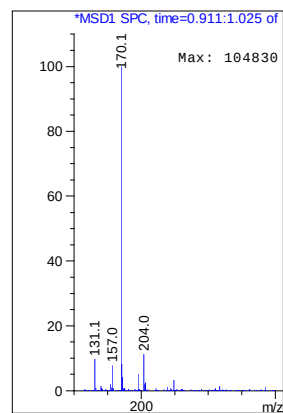
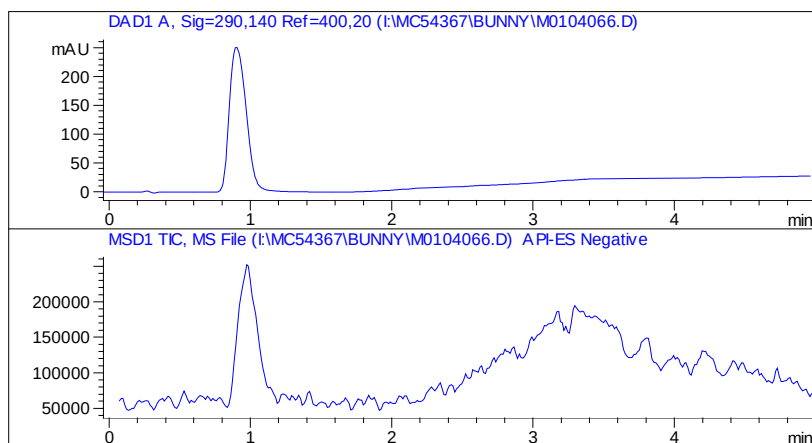
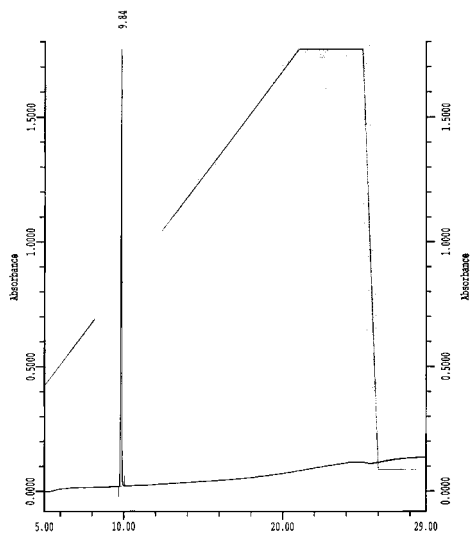
NMR

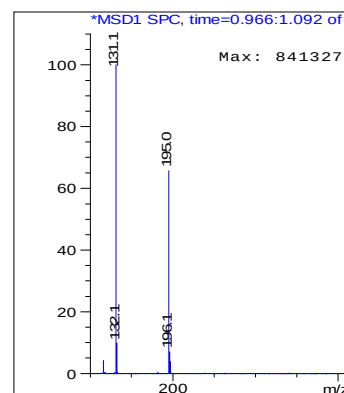
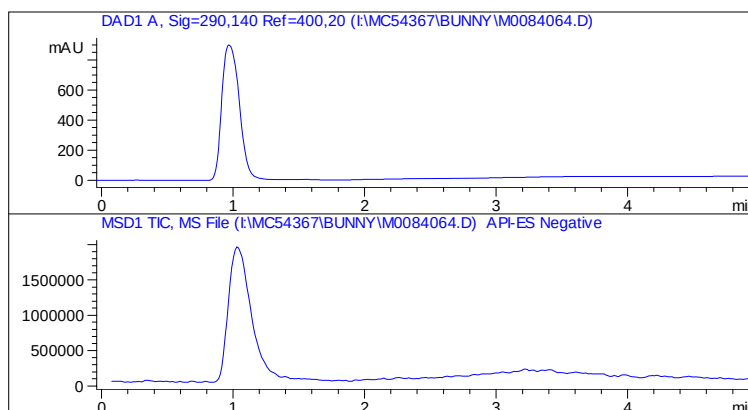
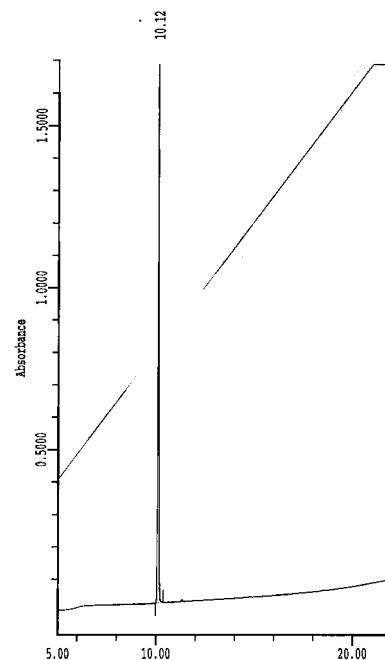
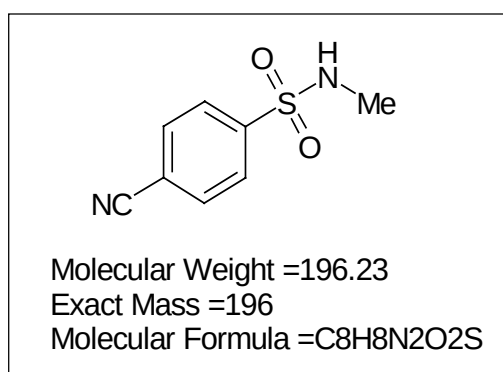
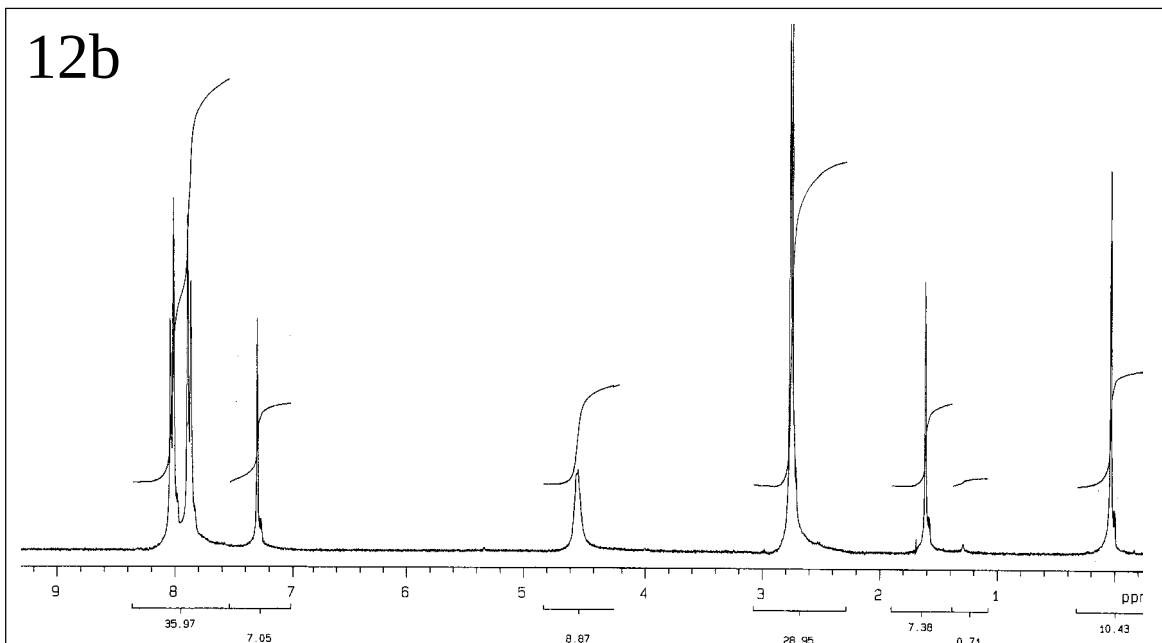
Structure	HPLC
LC-MS	MS

12a

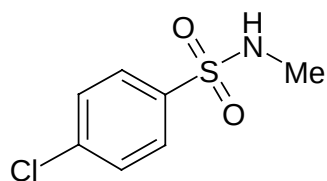
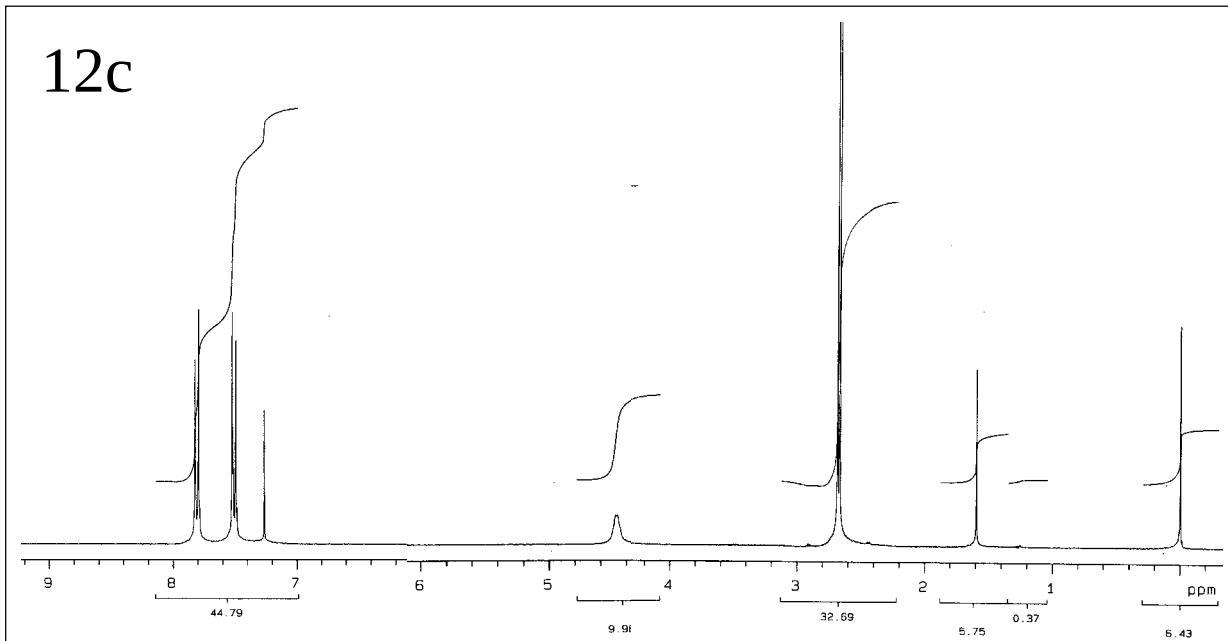


Molecular Weight = 171.22
 Exact Mass = 171
 Molecular Formula = C₇H₉NO₂S

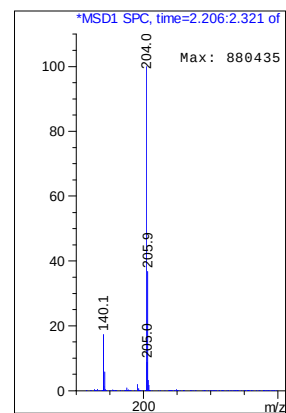
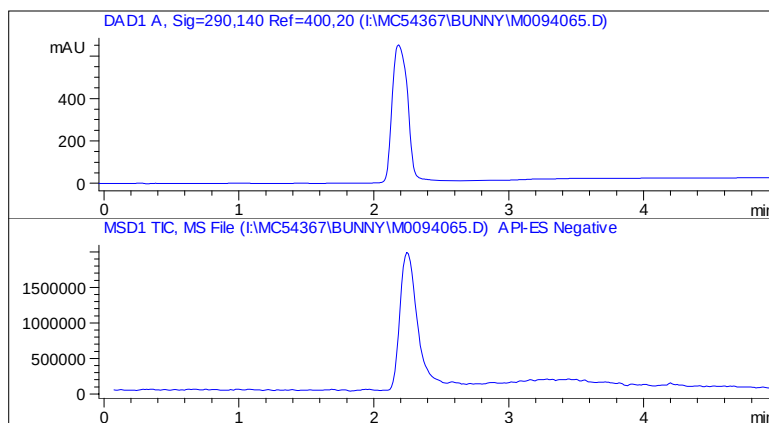
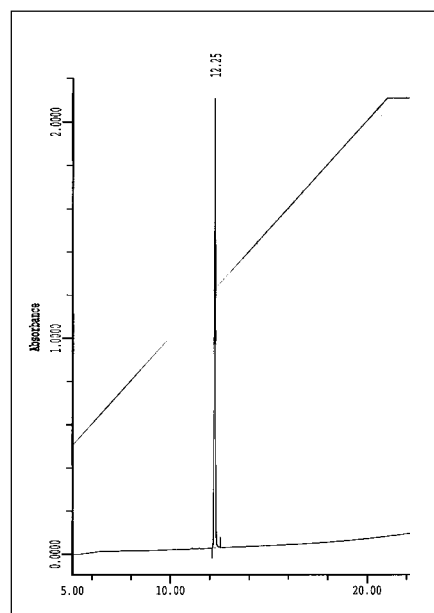




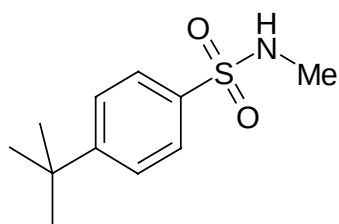
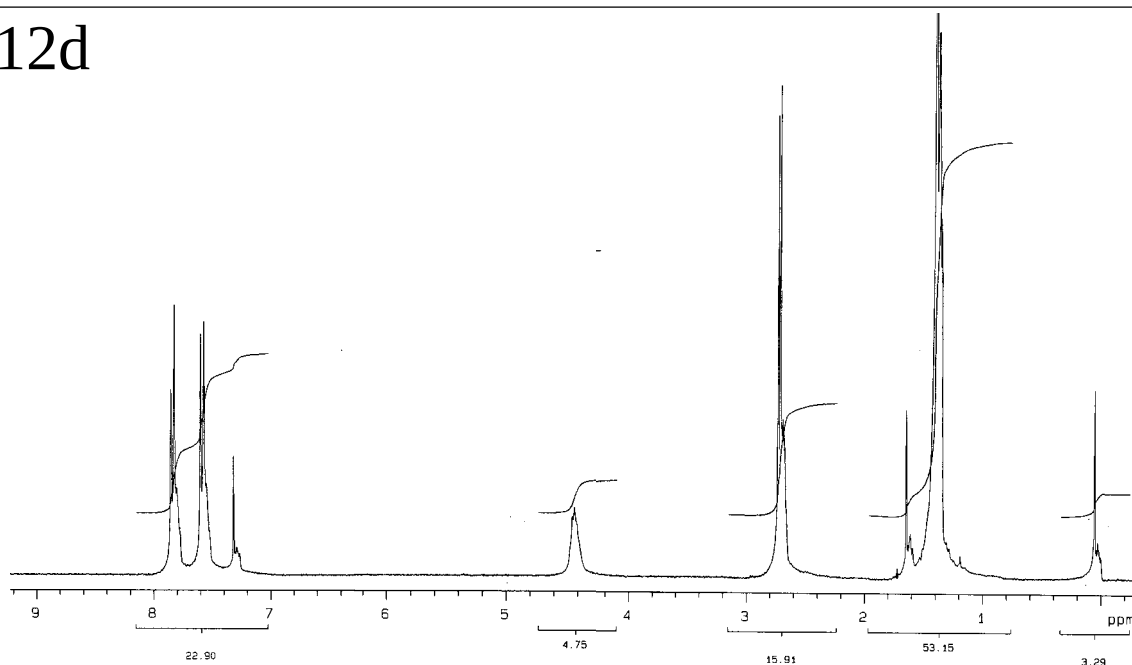
12c



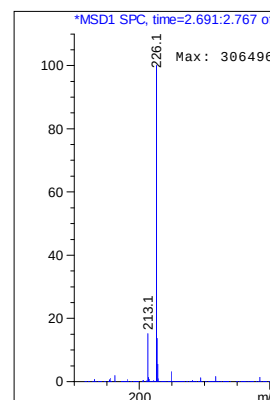
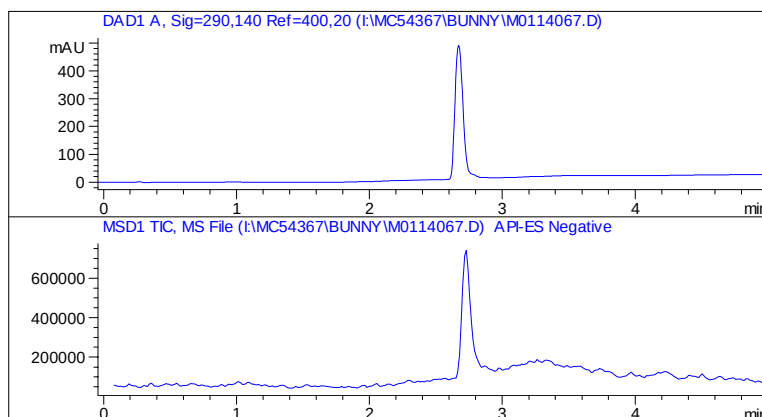
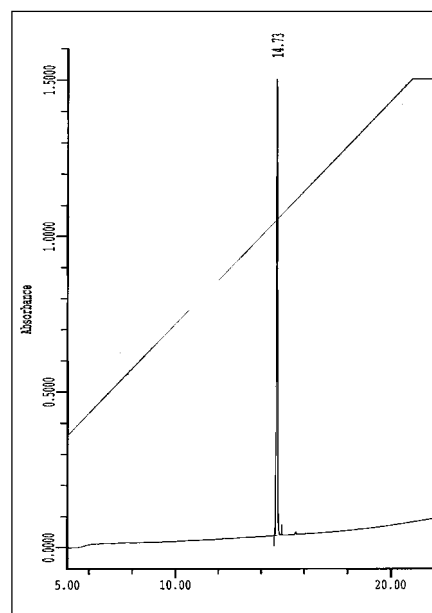
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Molecular Formula =C7H9ClNO2S



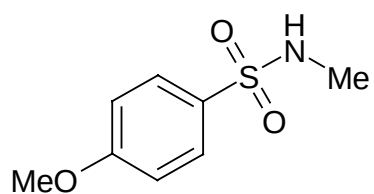
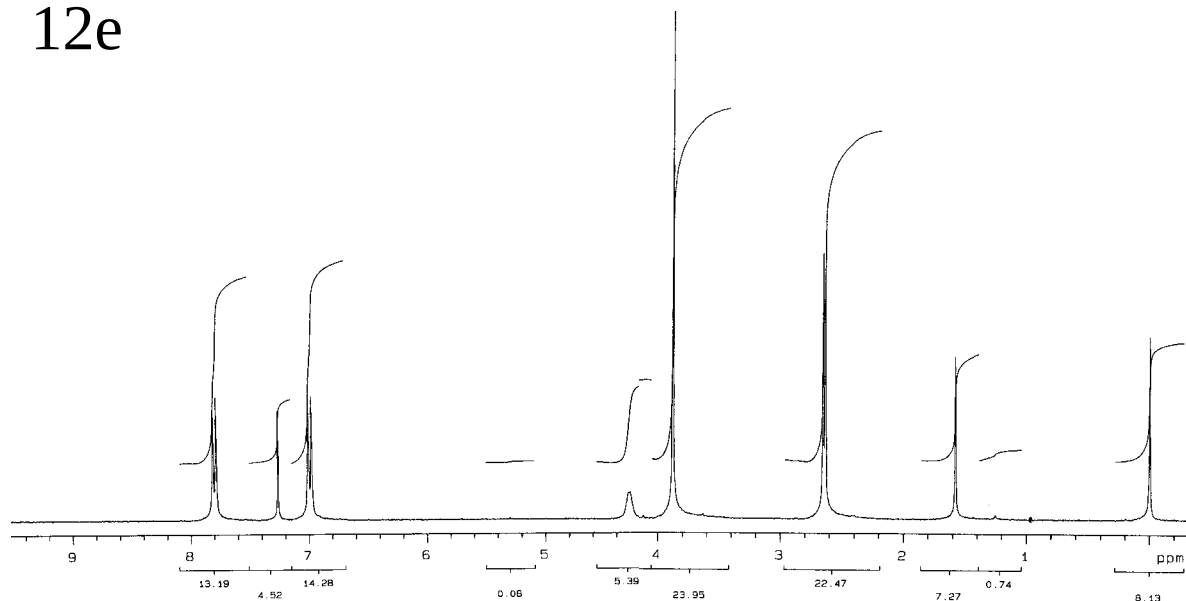
12d



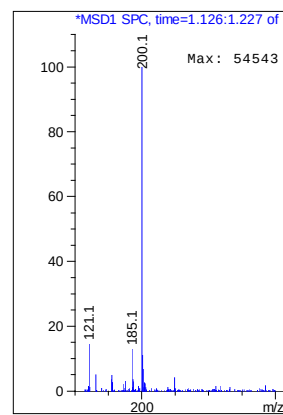
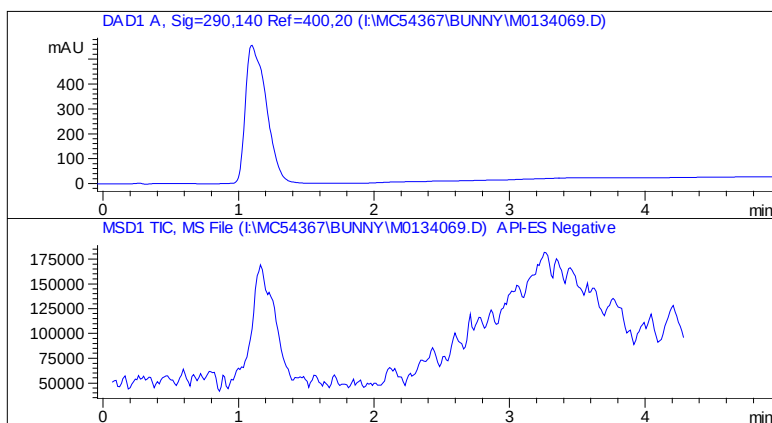
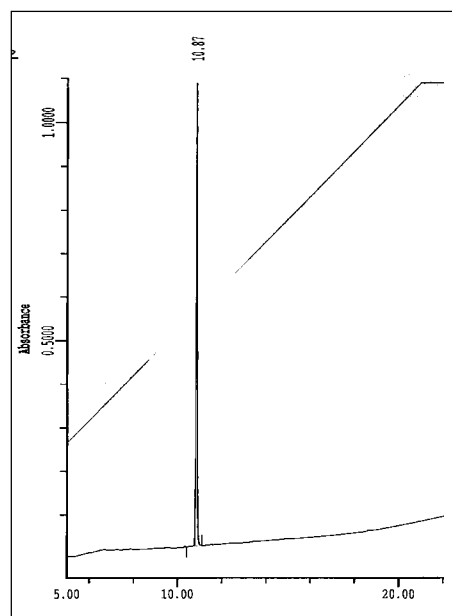
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Molecular Formula =C11H17NO2S



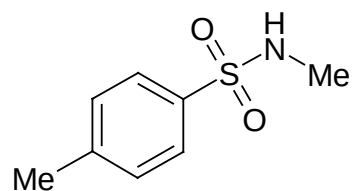
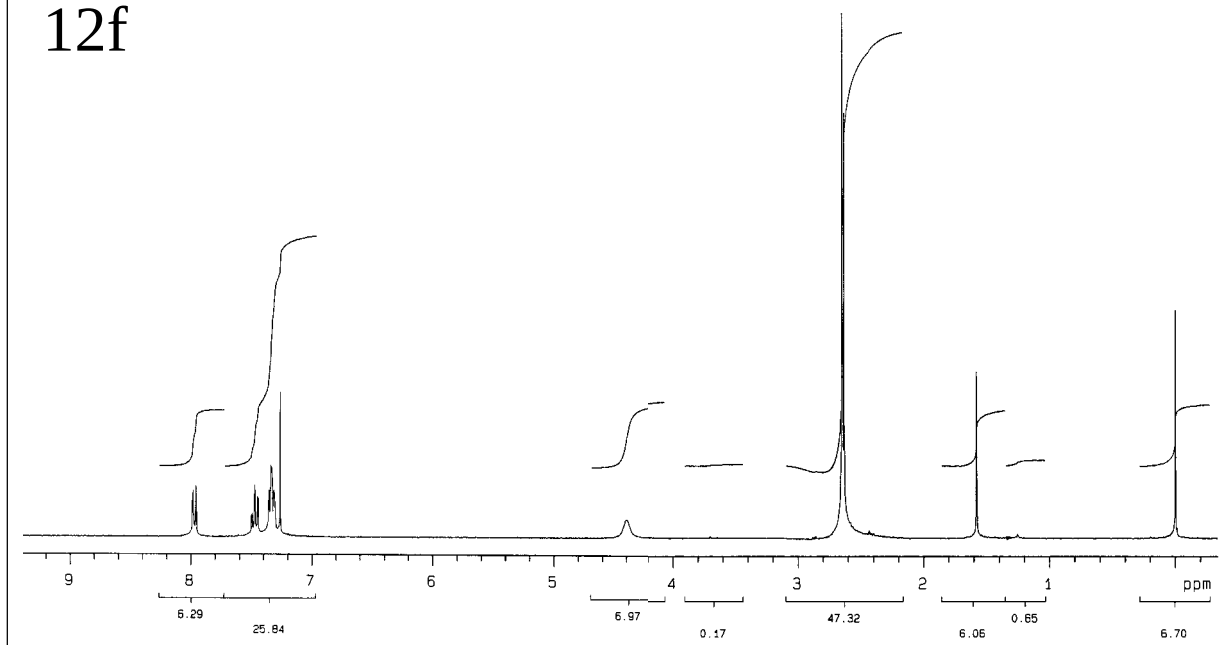
12e



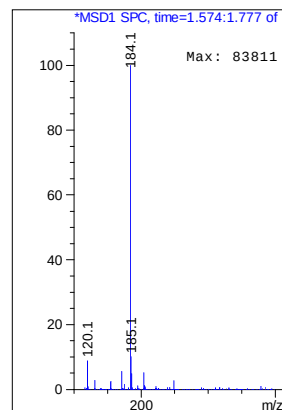
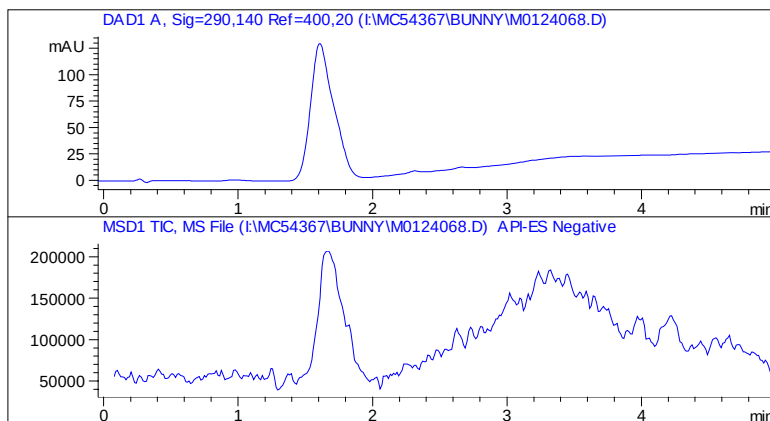
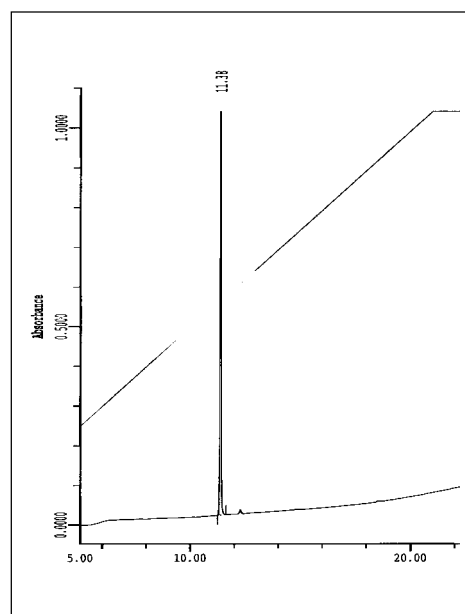
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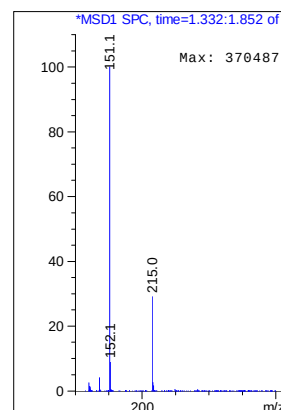
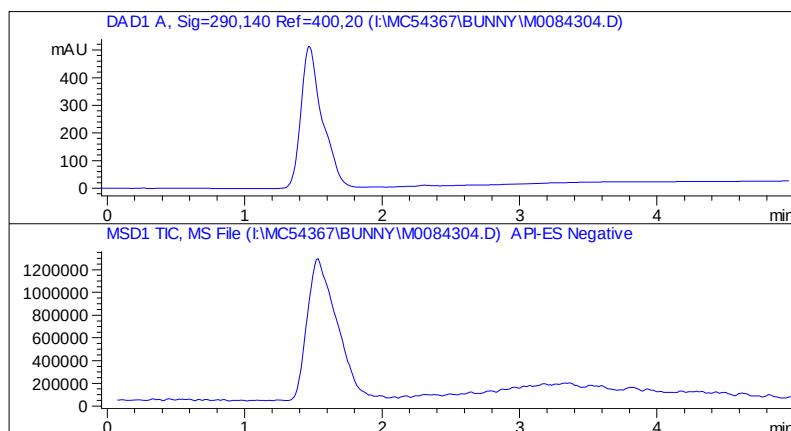
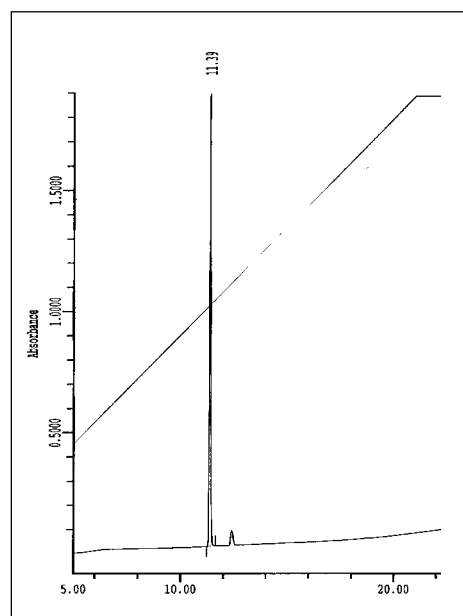
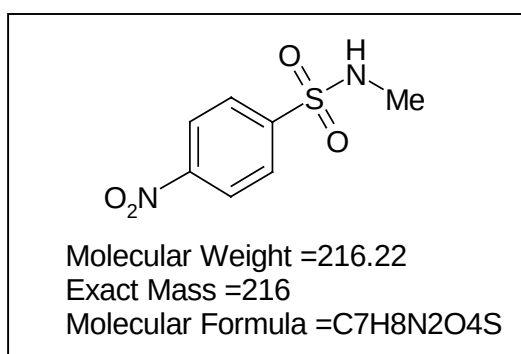
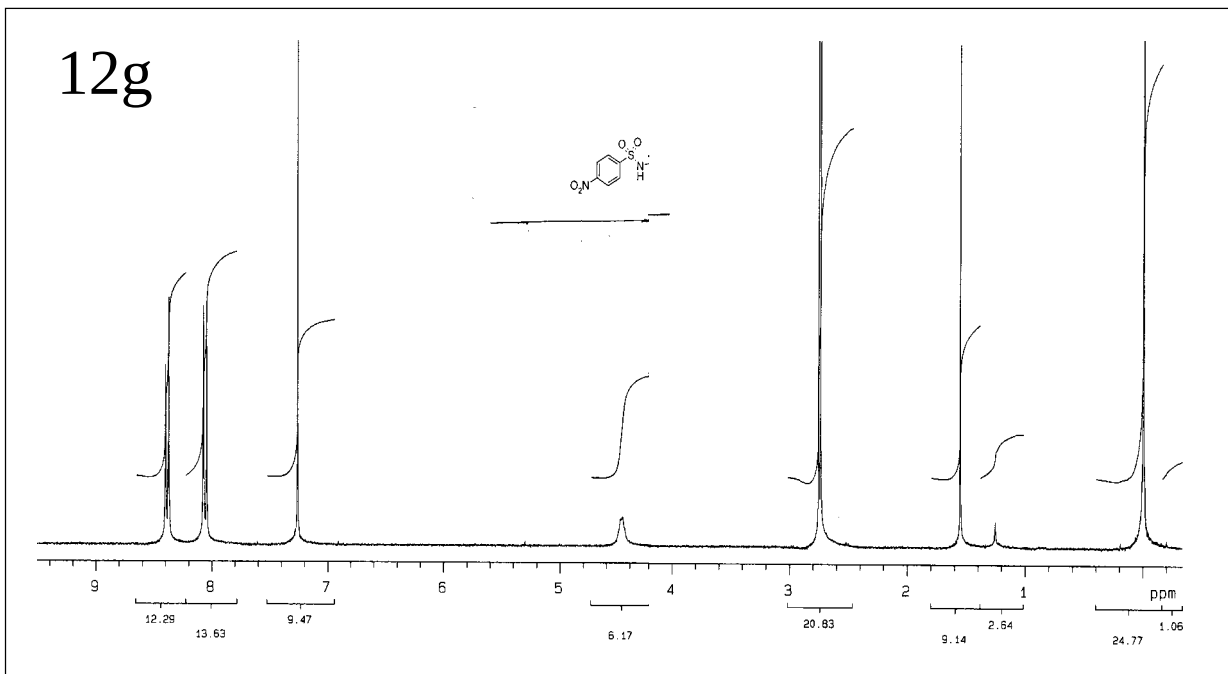


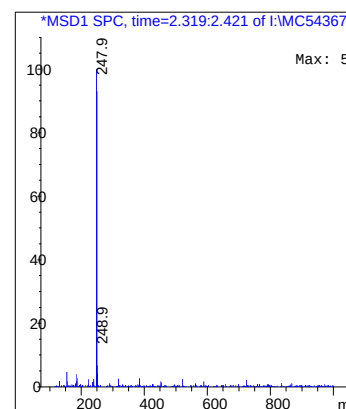
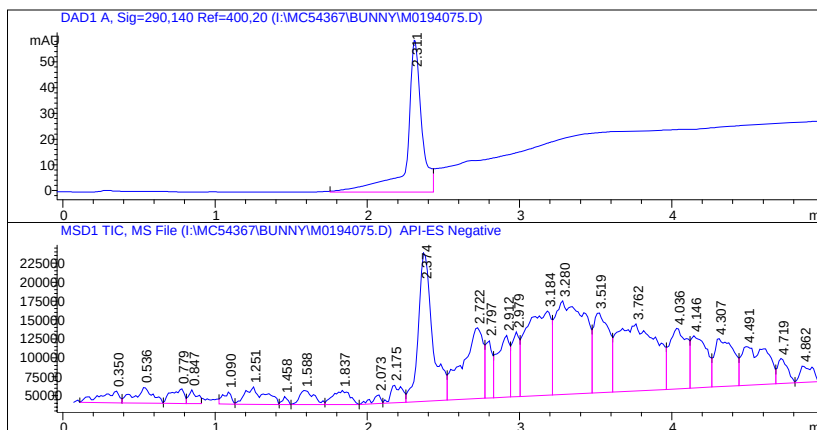
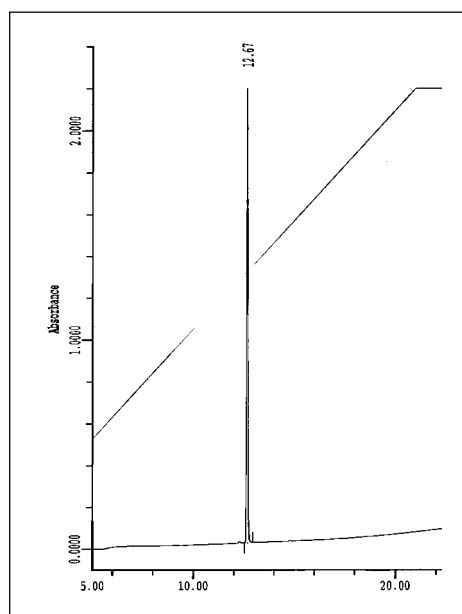
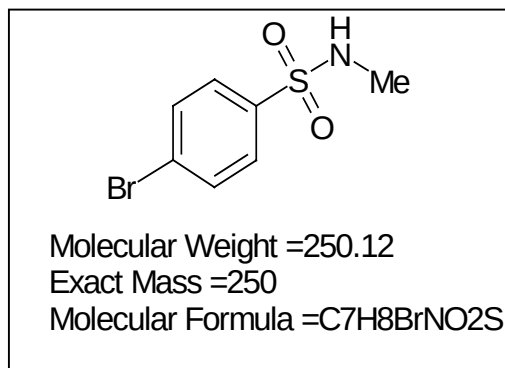
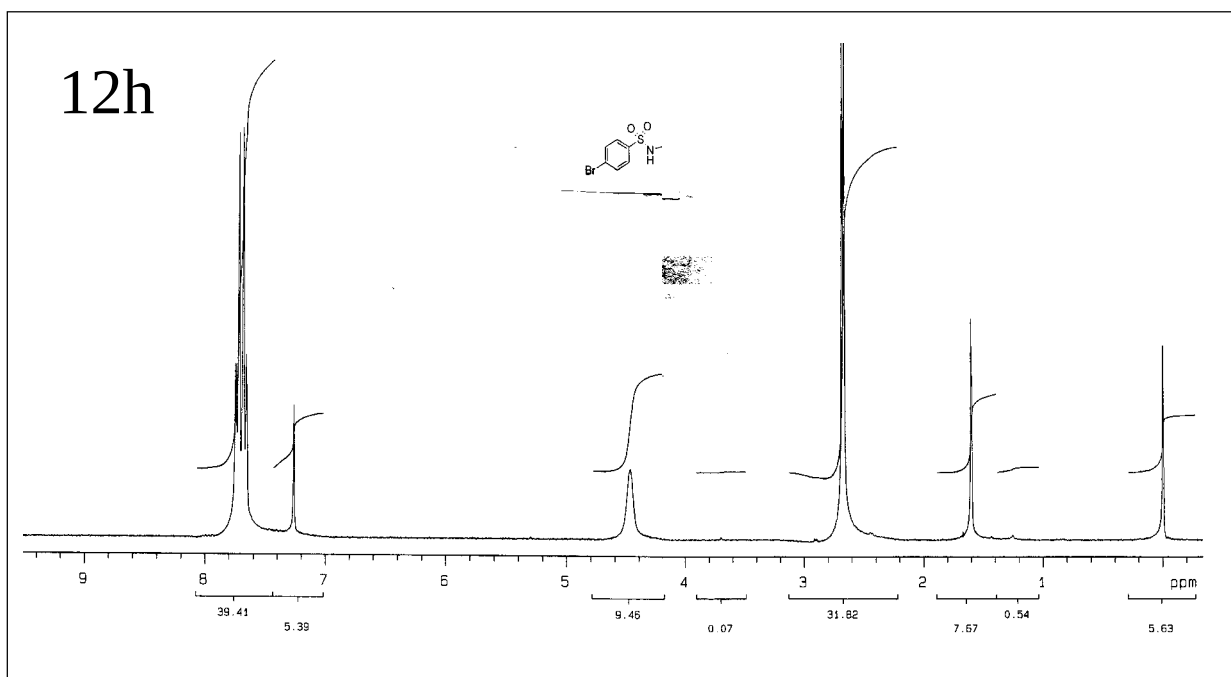
12f

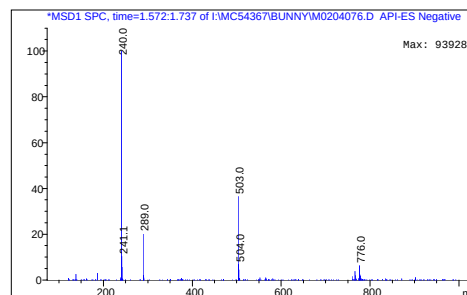
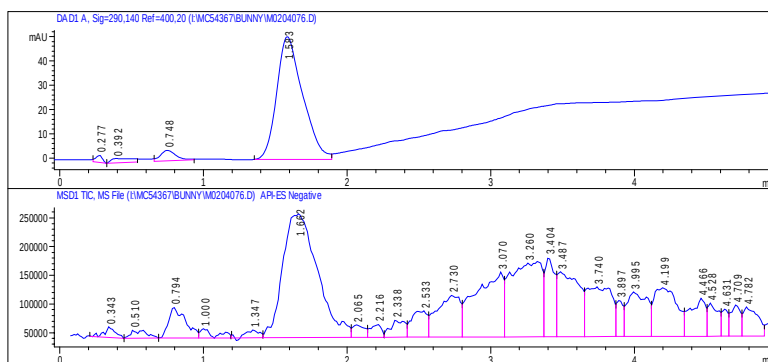
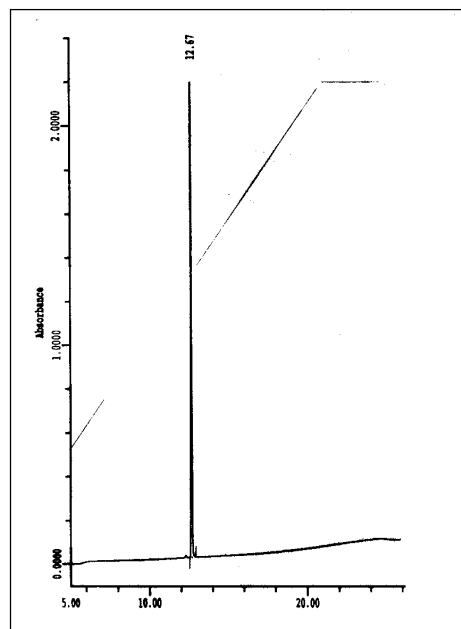
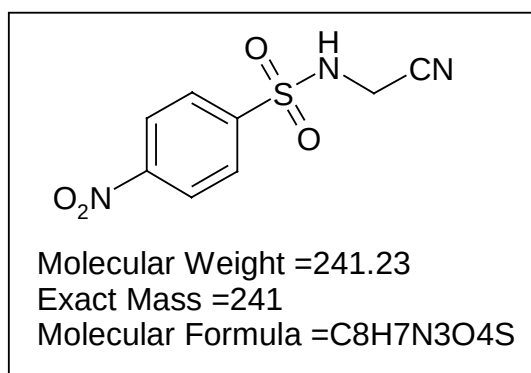
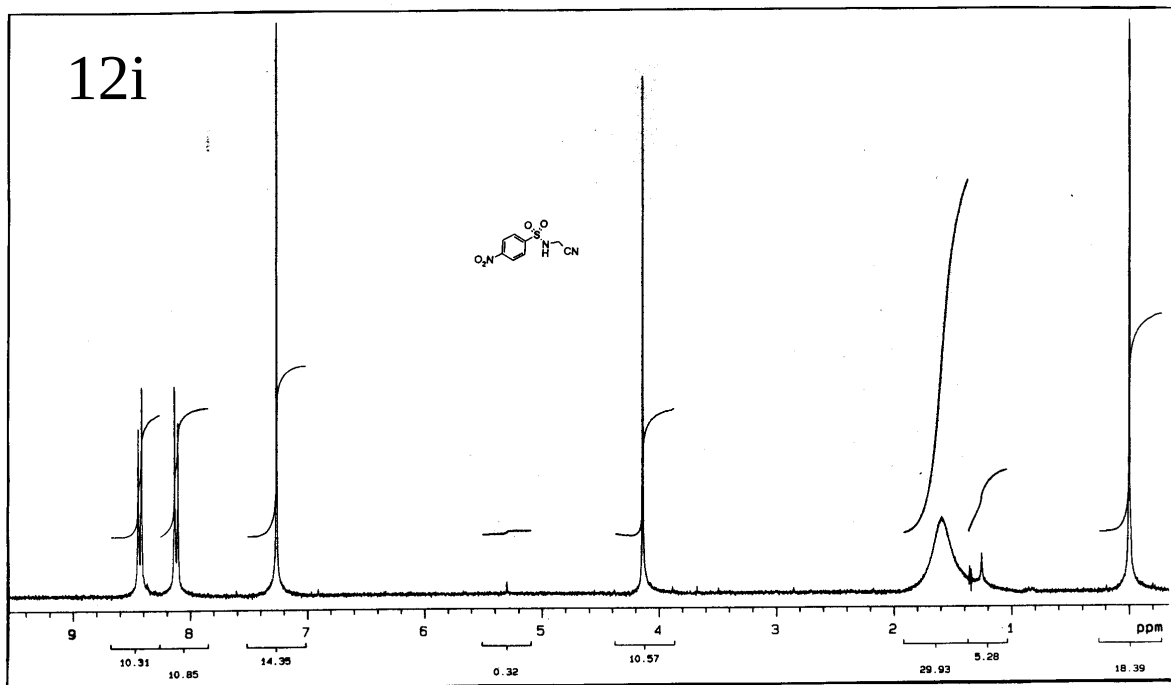


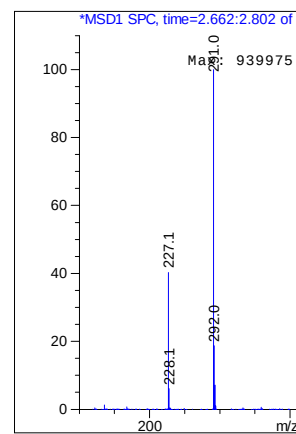
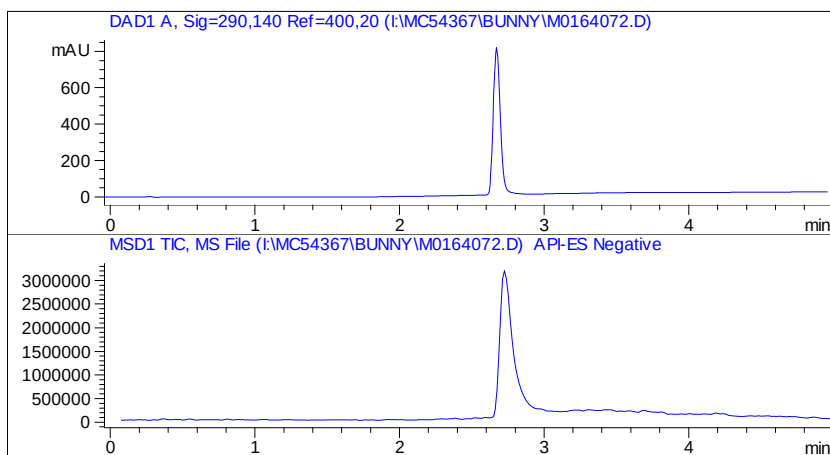
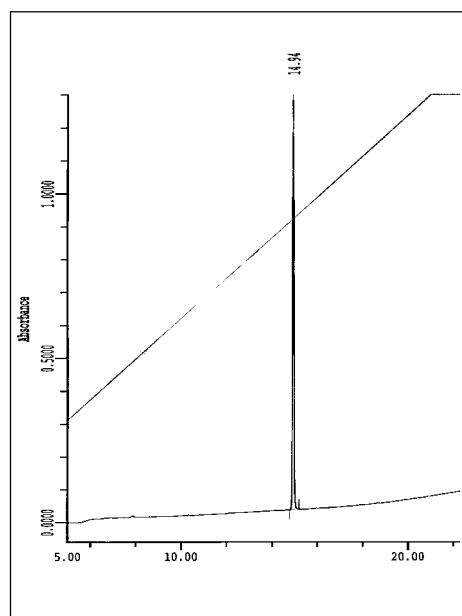
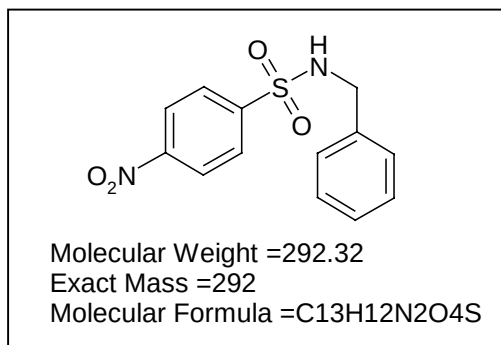
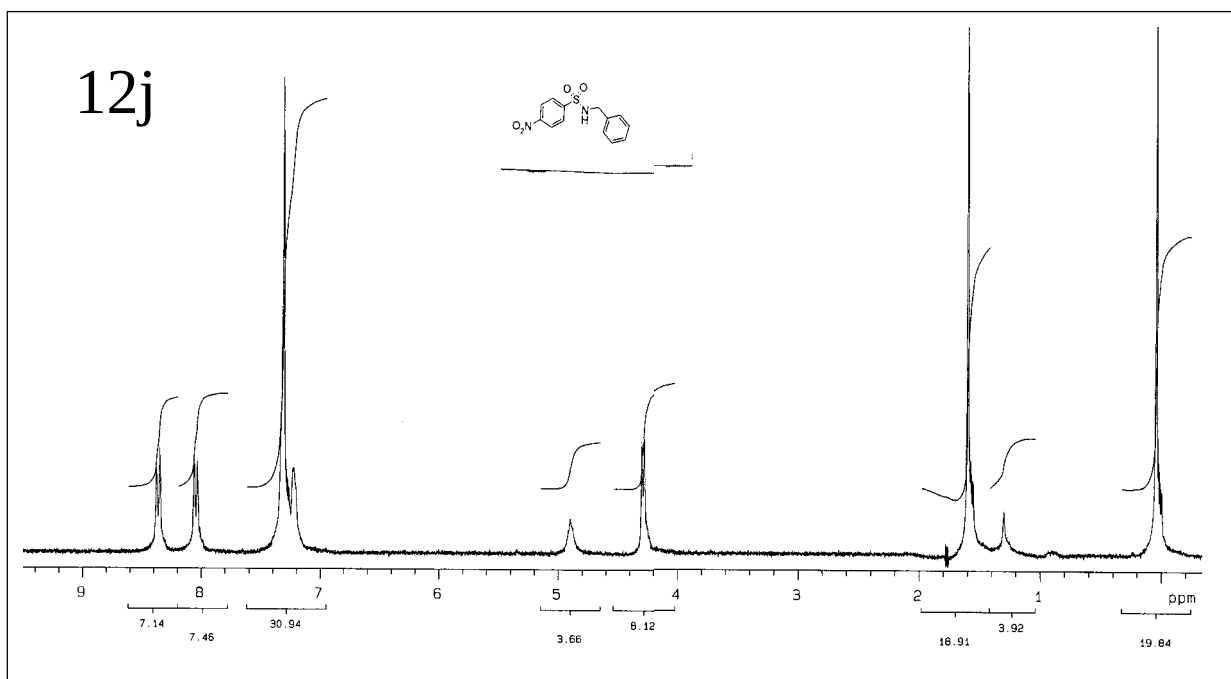
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Molecular Formula =C₈H₁₁NO₂S











121

