

**4-amino-2-butyl-7-methoxycarbonylthiazolo[4,5-c]quinoline
supplementary information**

Peter G. Larson¹ and David M. Ferguson^{1,2,*}

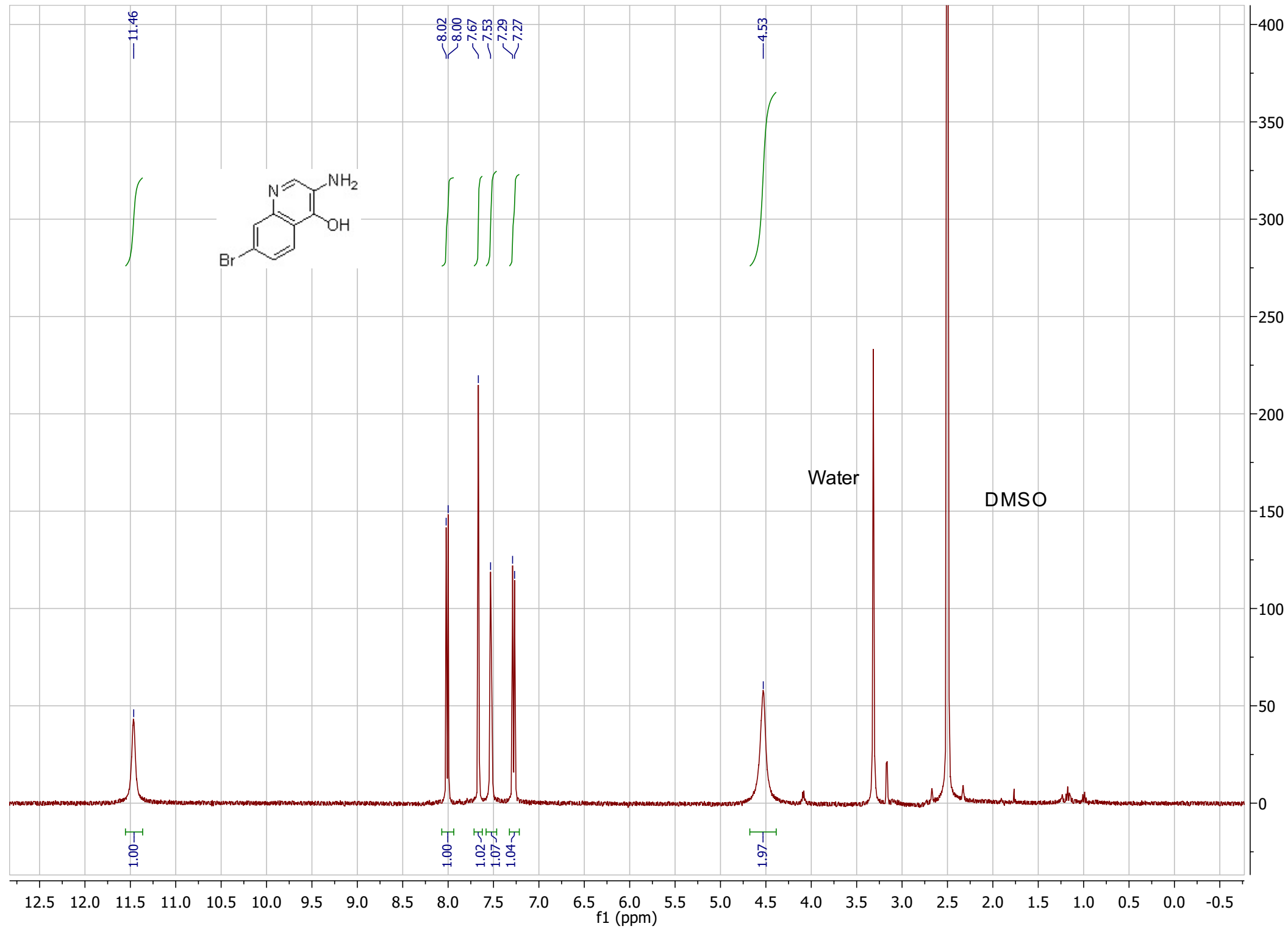
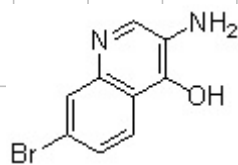
¹Department of Medicinal Chemistry, University of Minnesota, Minneapolis, MN 55455

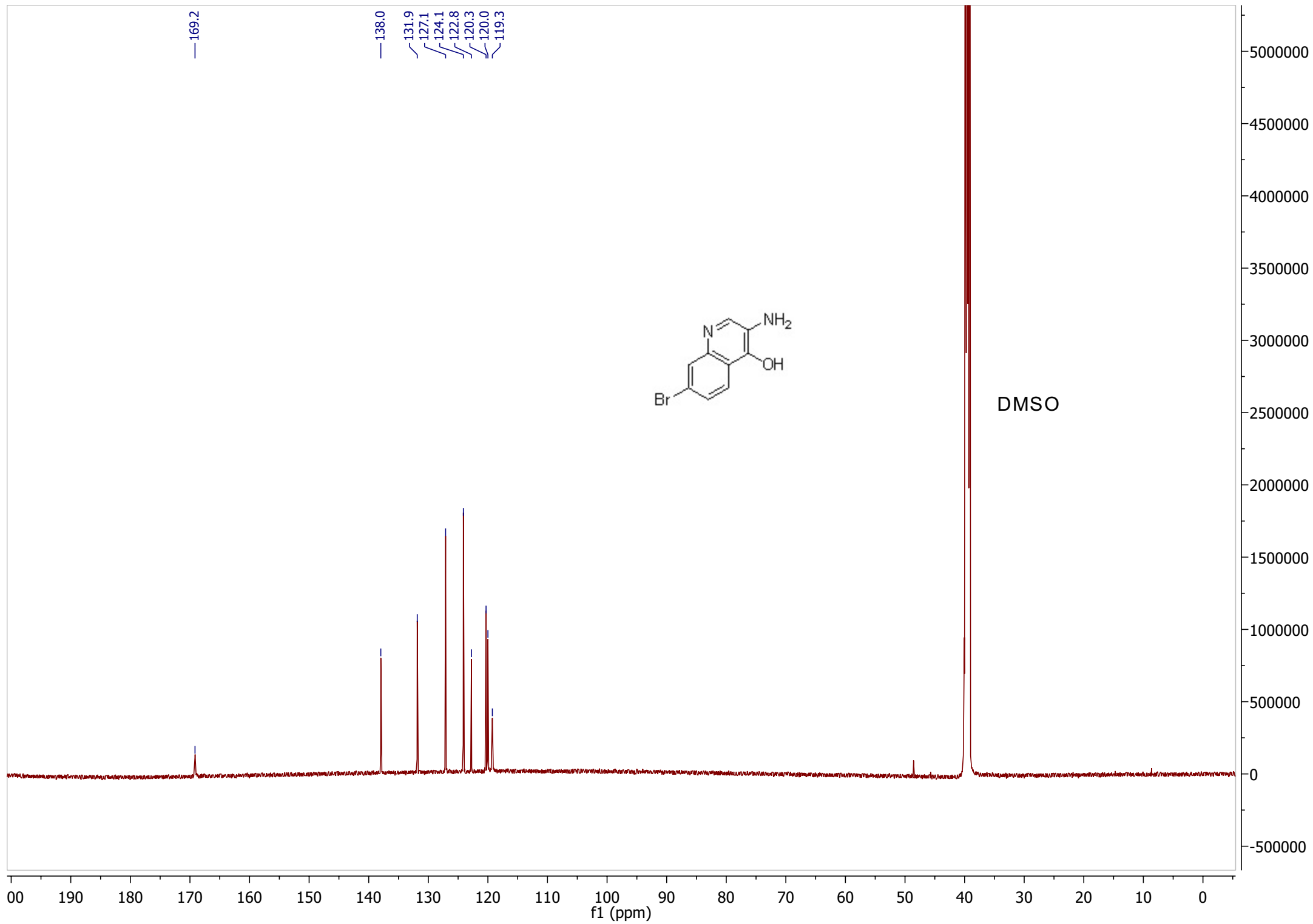
²Center for Drug Design, University of Minnesota, Minneapolis, MN 55455

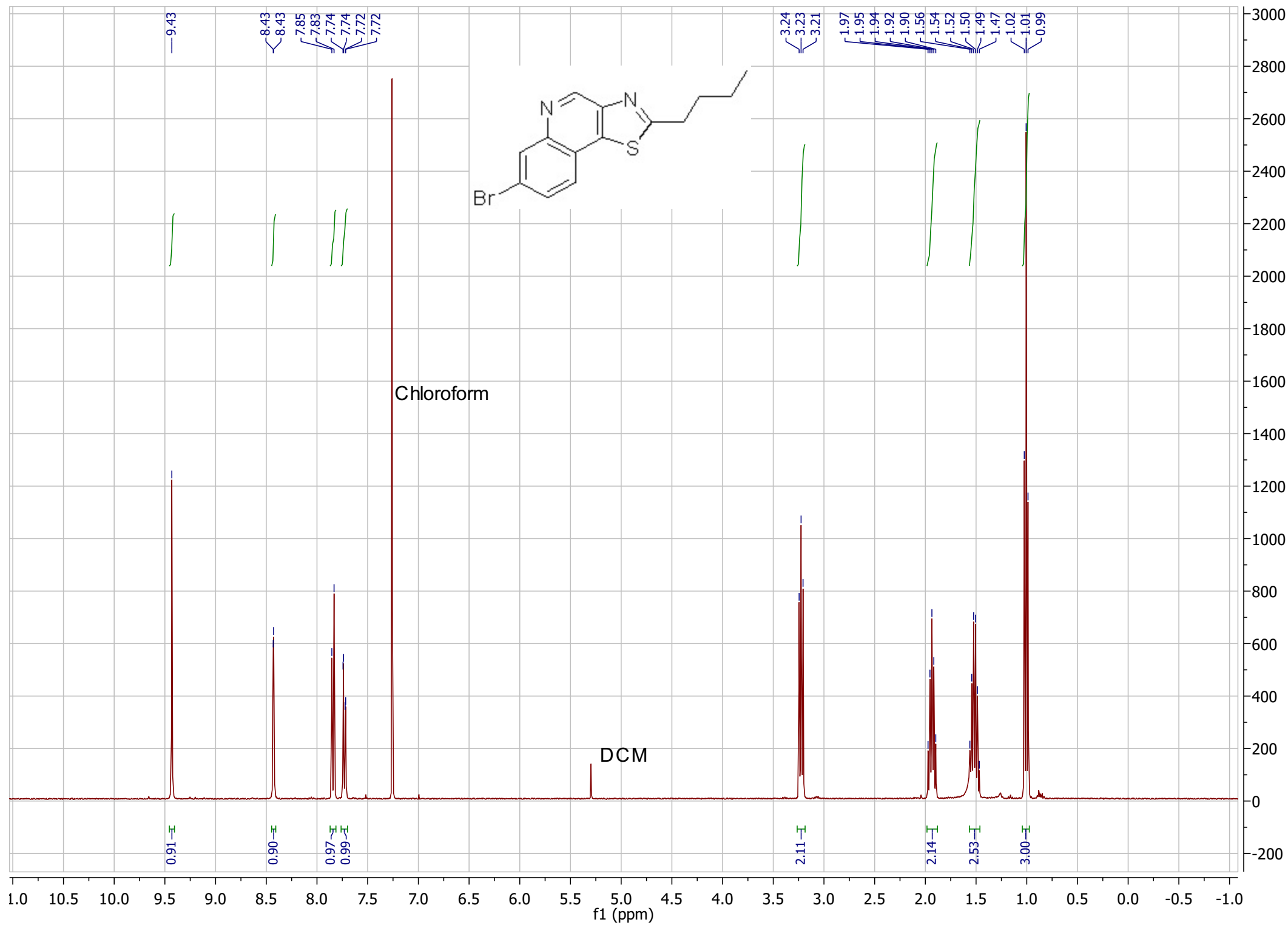
*Correspondence: ferguson@umn.edu

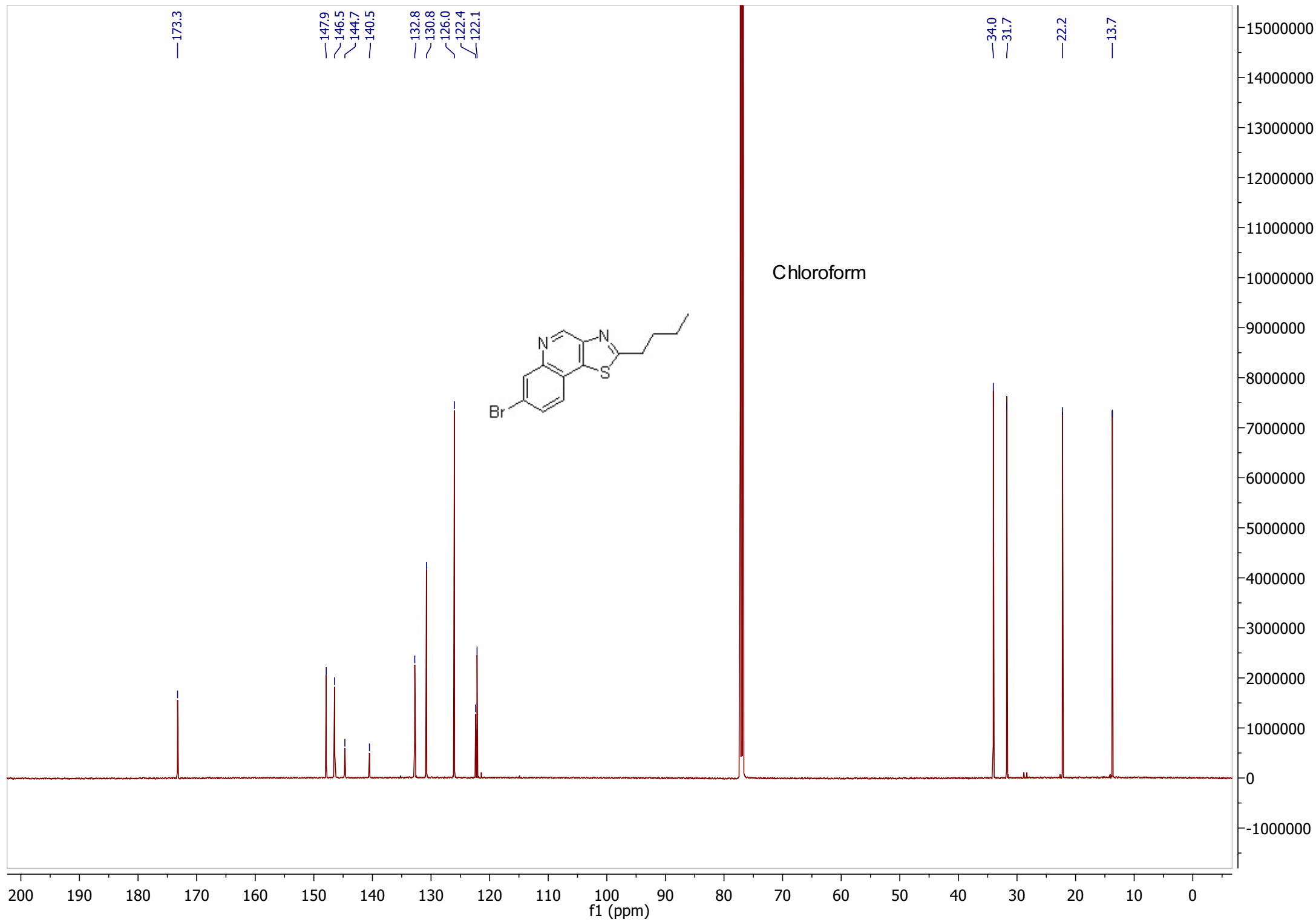
¹H NMR spectra and ¹³C{¹H} NMR spectra

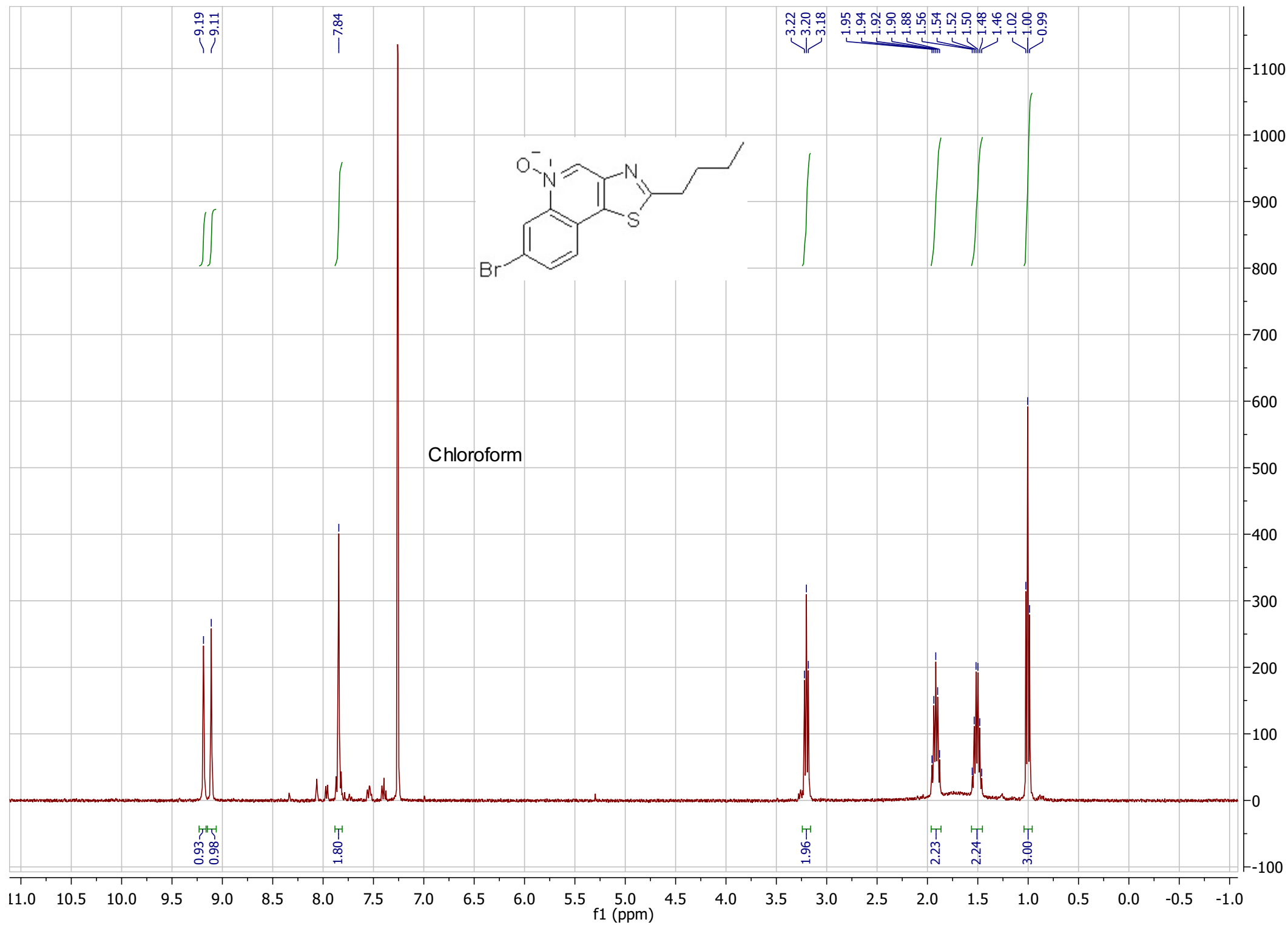
Followed by Mass spectra of 3d, 3e, 3f, 3g, 3h, and 3

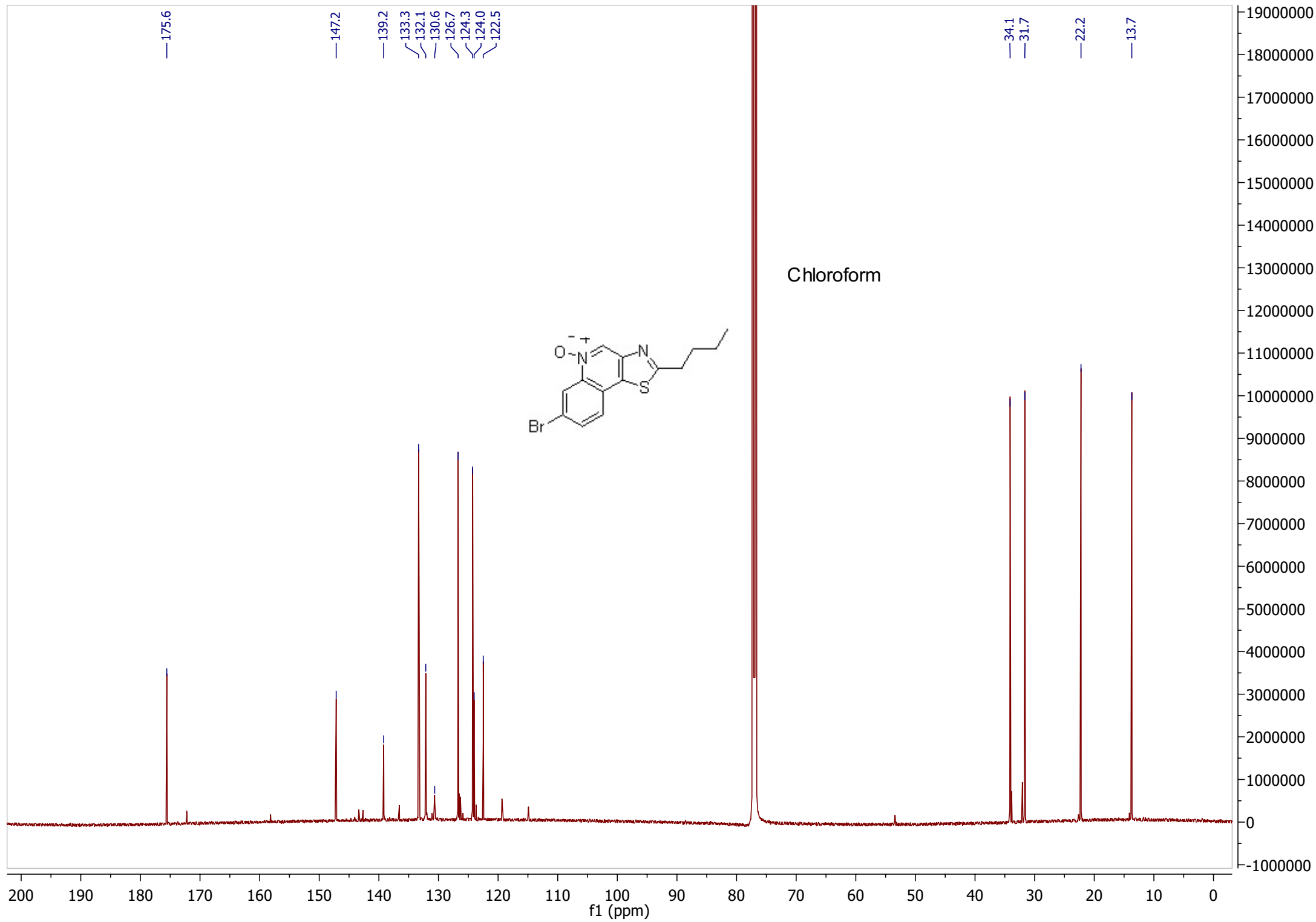


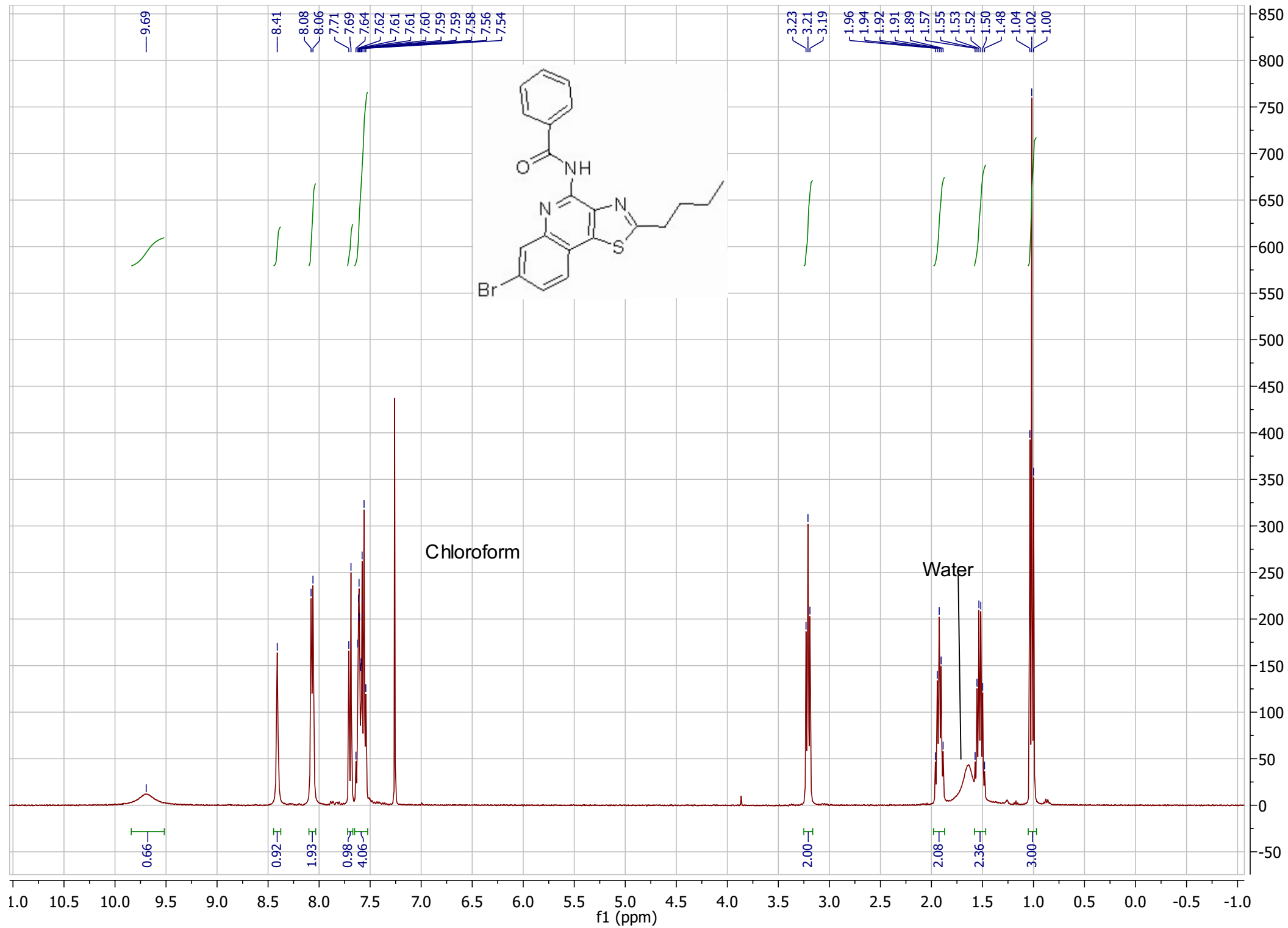


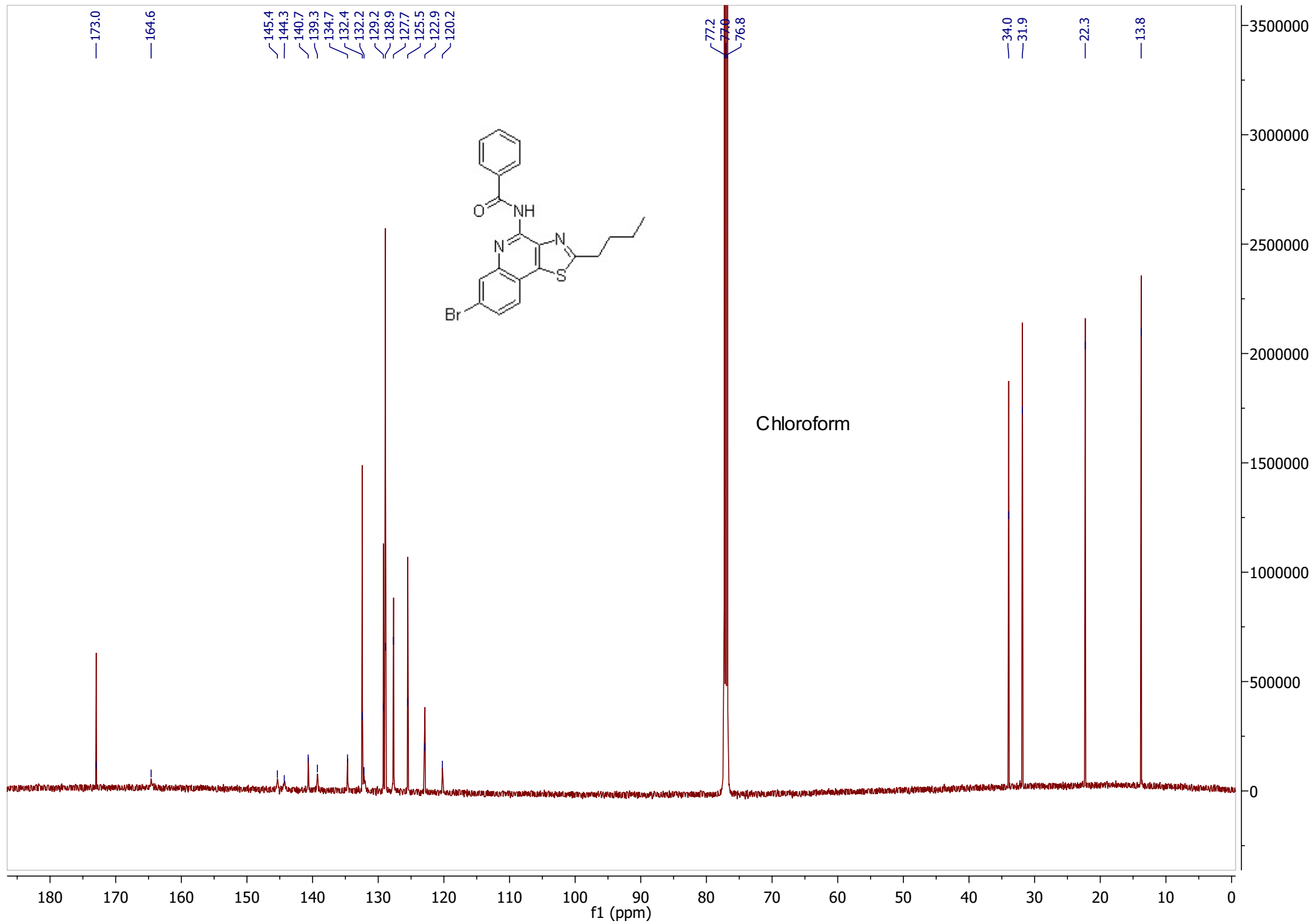


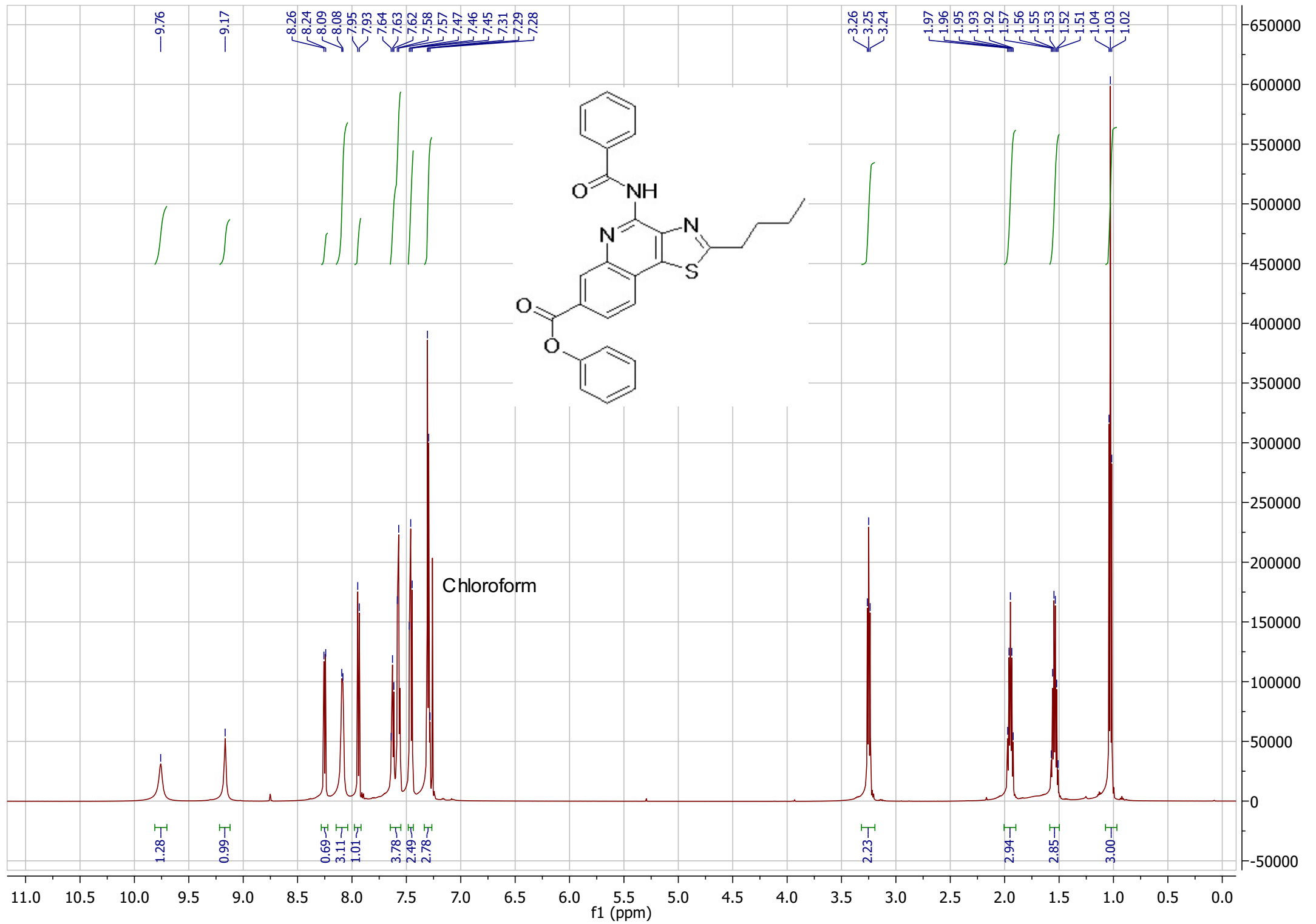


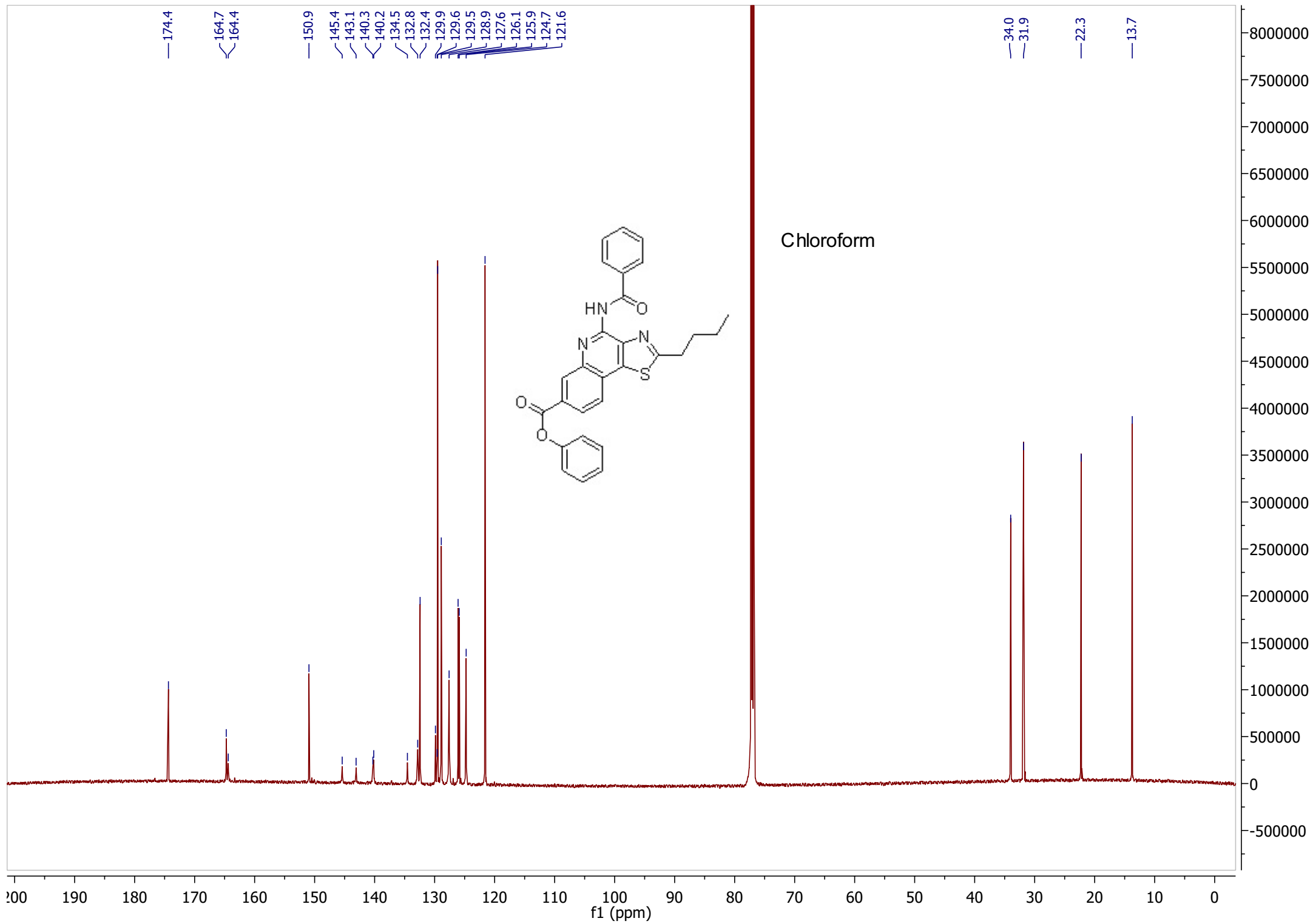


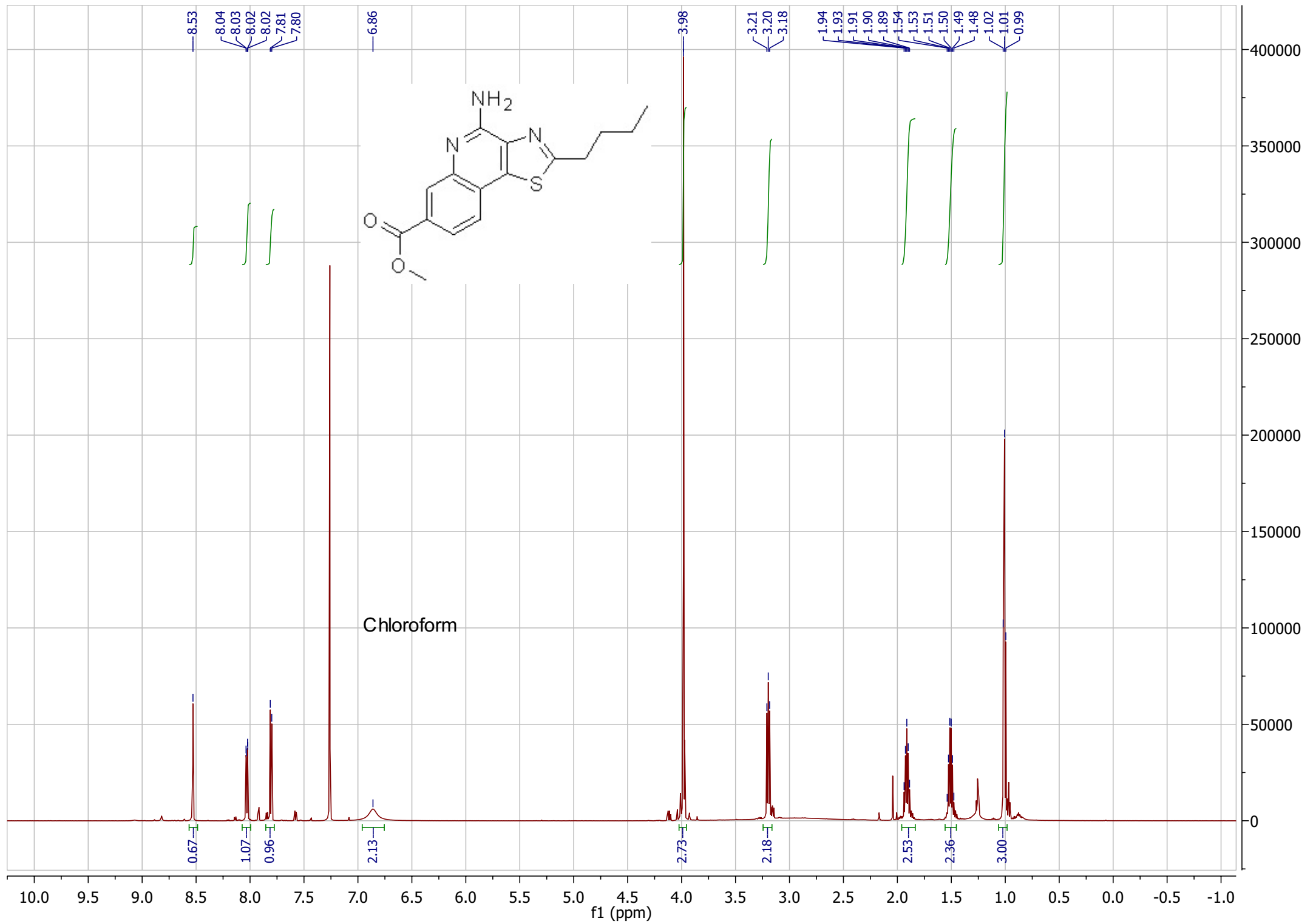


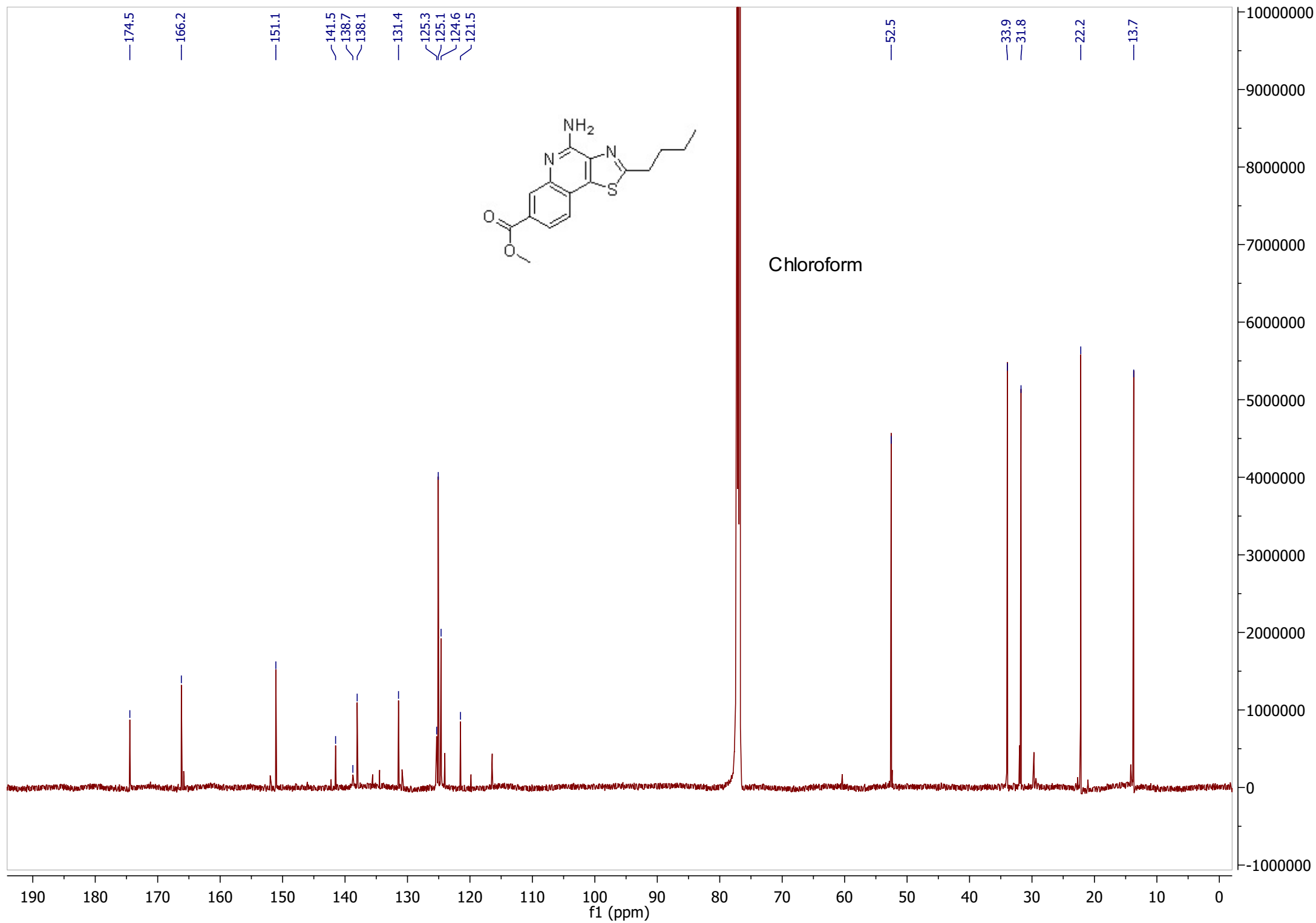












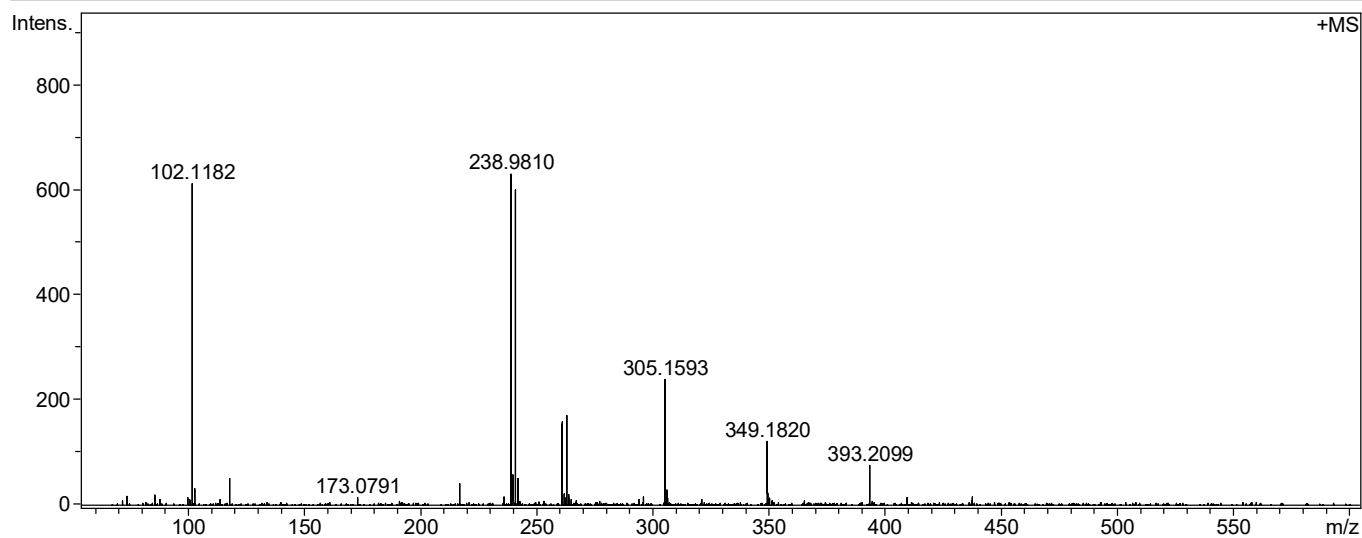
Mass Spectrum Molecular Formula Report

Acquisition Date 11/23/2021 2:04:37 PM

Instrument BioTOF II

Acquisition Parameter

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EndP	-4000 V	n/a	n/a	n/a	n/a



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	Err [mDa]	rdb	N Rule	e ⁻
C 9 H 8 Br 1 N 2 O 1	0.076	238.9815	1.83	0.62	0.44	6.50	ok	even

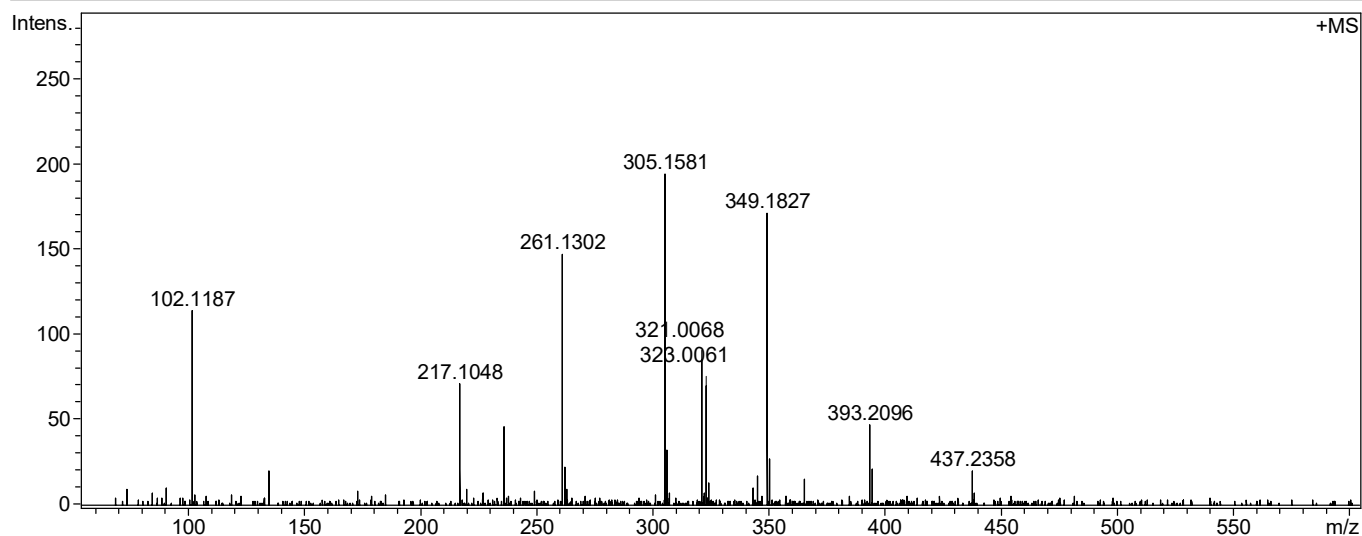
Mass Spectrum Molecular Formula Report

Acquisition Date 11/23/2021 2:01:16 PM

Instrument BioTOF II

Acquisition Parameter

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EndP	-4000 V	n/a	n/a	n/a	n/a



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	Err [mDa]	rdB	N Rule	e ⁻
C 14 H 14 Br 1 N 2 S 1	0.134	321.0056	-3.82	-5.56	-1.23	8.50	ok	even

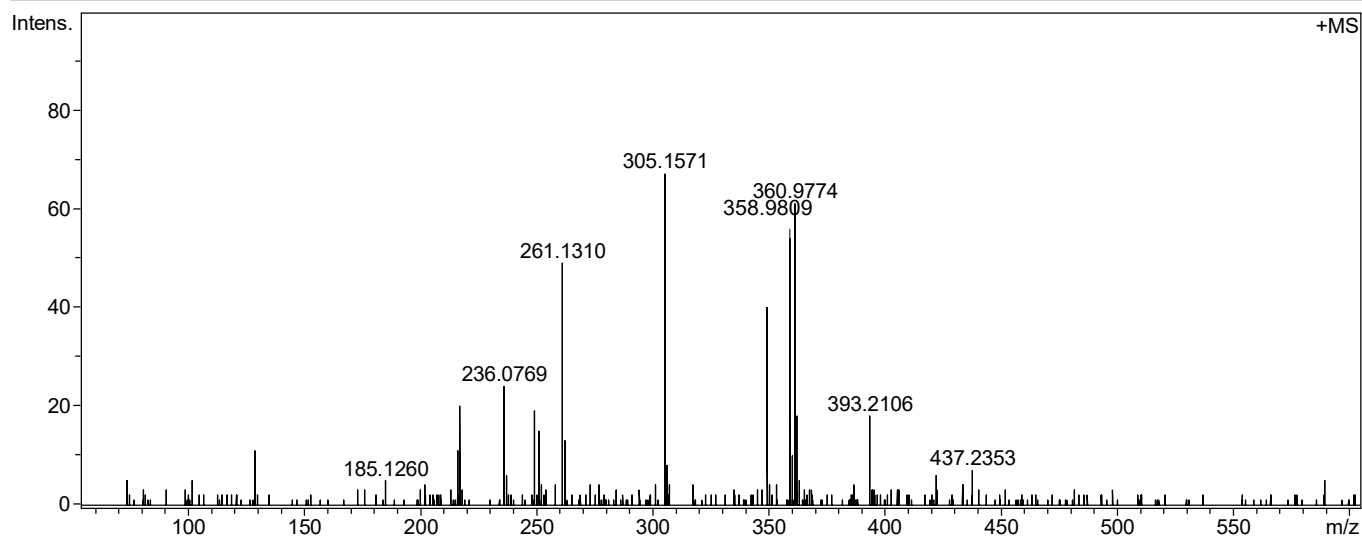
Mass Spectrum Molecular Formula Report

Acquisition Date 11/23/2021 2:14:48 PM

Instrument BioTOF II

Acquisition Parameter

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EndP	-4000 V	n/a	n/a	n/a	n/a



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	Err [mDa]	rdb	N Rule	e ⁻
C 14 H 13 Br 1 N 2 Na 1 O 1 S 1	0.103	358.9824	4.36	6.87	1.57	8.50	ok	even

Instrument Name

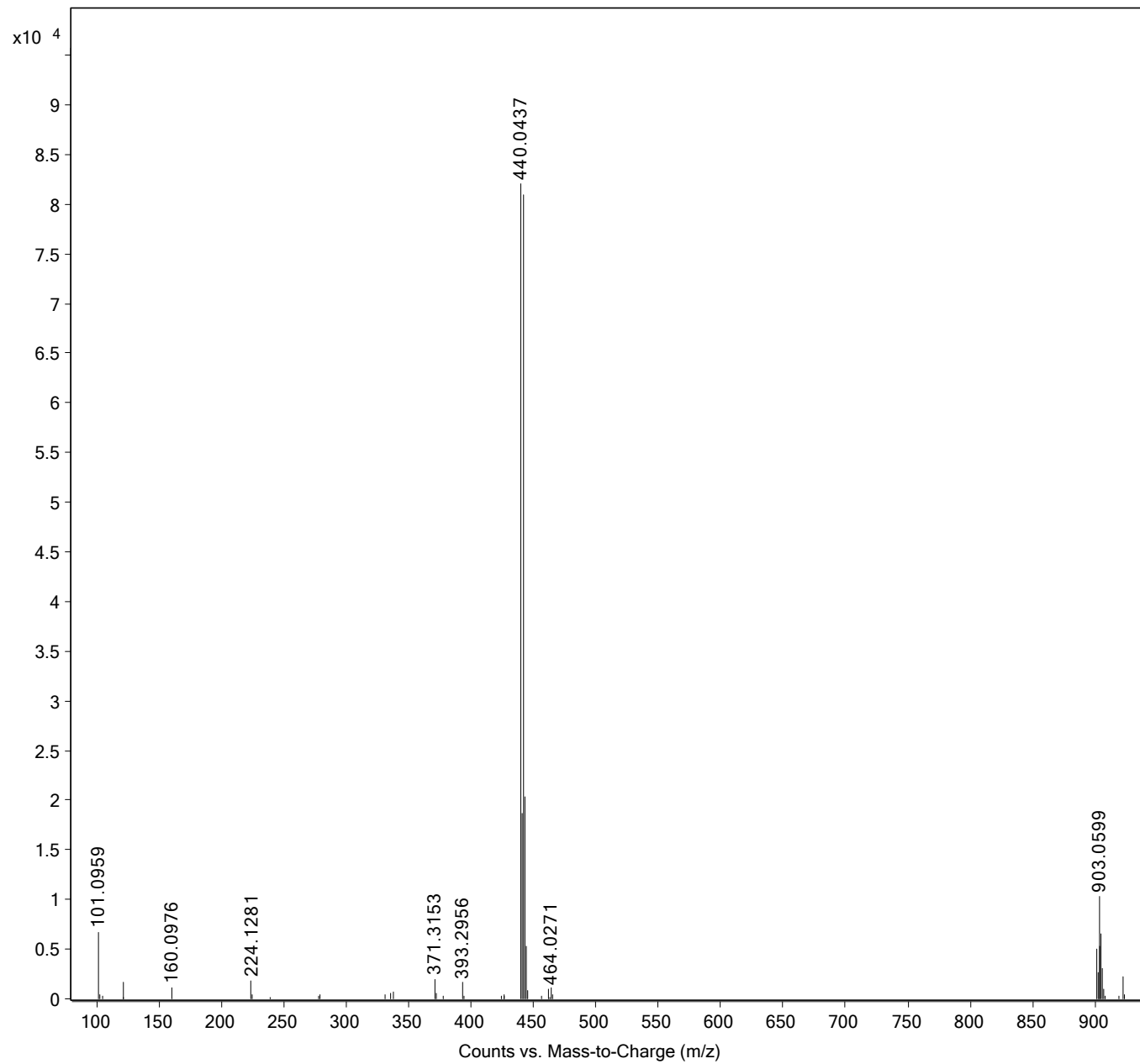
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InjPosition

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Acquired Time

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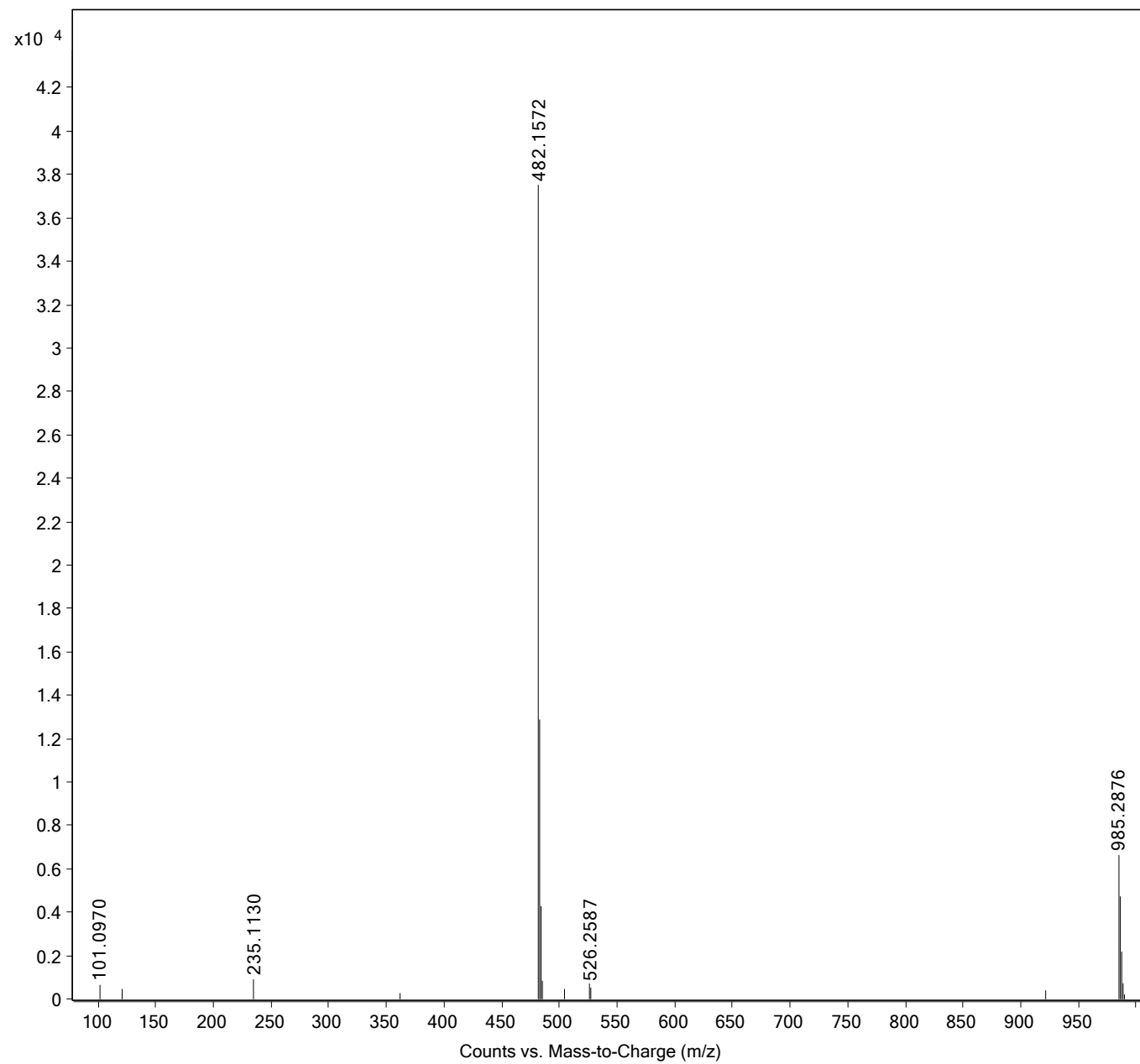
TOF Walk Up

InjPosition

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ACQ Method

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Instrument Name TOF Walk Up
InjPosition
Acquired Time 10/6/2021 1:33:51 PM (UTC-05:00)

