

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141350.D
 Acq On : 31 Jan 2025 23:37
 Operator : RC/JU
 Sample : Q1194-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-110-SB02

Quant Time: Feb 01 00:05:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

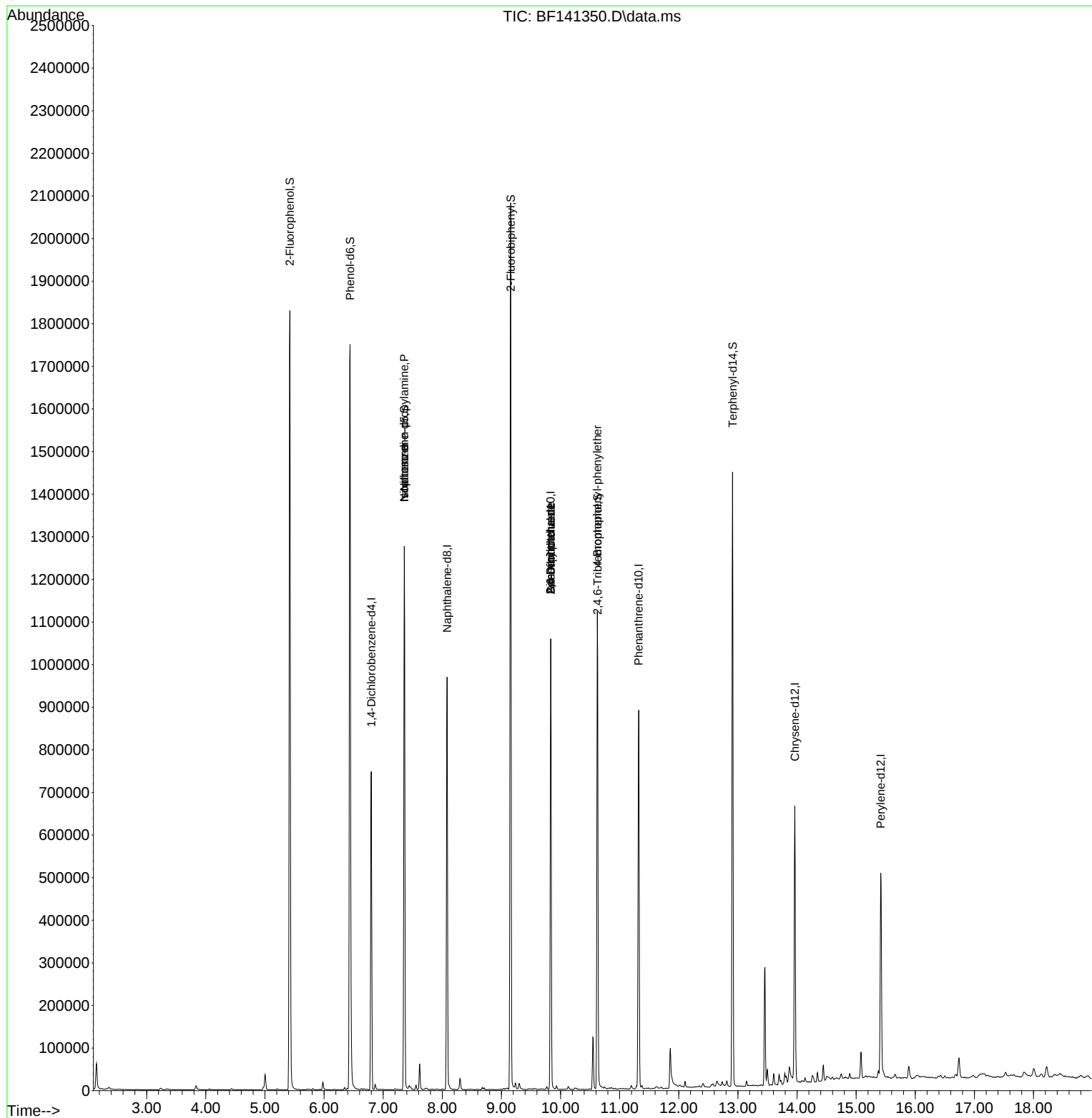
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	149181	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	593714	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	307017	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	441643	20.000	ng	0.00
76) Chrysene-d12	13.963	240	304741	20.000	ng	-0.01
86) Perylene-d12	15.416	264	278986	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	709624	73.026	ng	0.01
7) Phenol-d6	6.440	99	863941	69.888	ng	0.00
23) Nitrobenzene-d5	7.357	82	539898	47.938	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	174209	61.894	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	918116	46.029	ng	0.00
79) Terphenyl-d14	12.910	244	692428	35.041	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	71764	9.770	ng	# 76
25) Isophorone	7.357	82	533350	27.396	ng	# 64
50) Dimethylphthalate	9.834	163	44871	2.164	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	39210	8.144	ng	# 23
57) 2,4-Dinitrotoluene	9.834	165	39210	6.290	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	12310	2.490	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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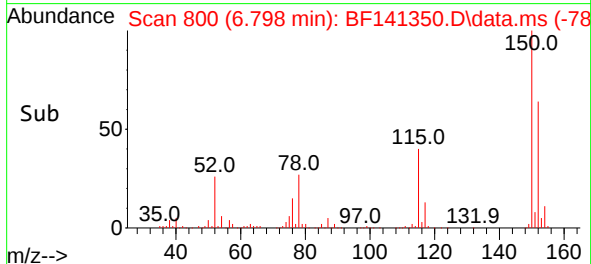
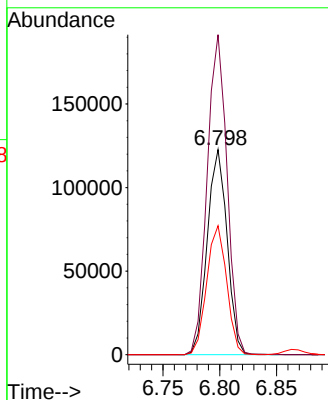
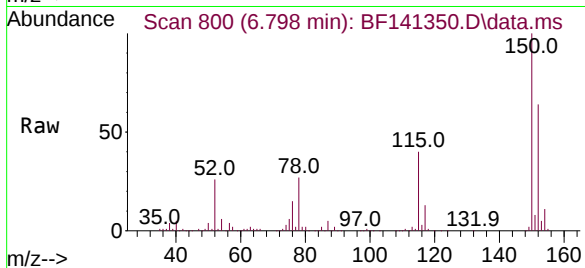




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141350.D
 Acq: 31 Jan 2025 23:37

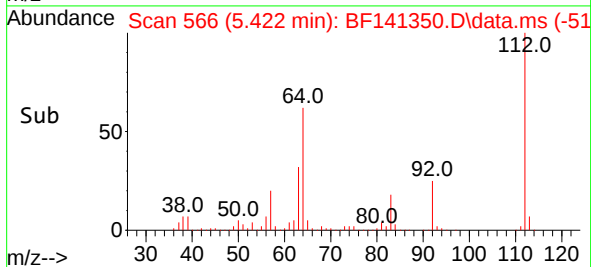
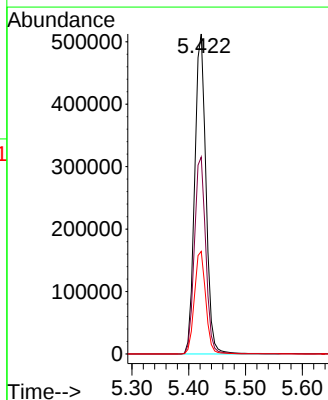
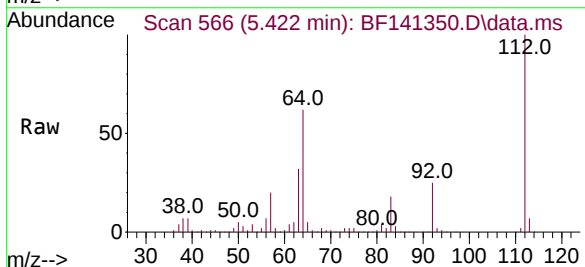
Instrument :
 BNA_F
 ClientSampleId :
 B-110-SB02

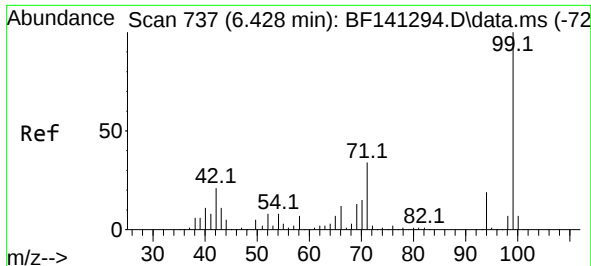
Tgt Ion:152 Resp: 149181
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.9 188.9
 115 62.8 49.7 74.5



#5
 2-Fluorophenol
 Concen: 73.026 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141350.D
 Acq: 31 Jan 2025 23:37

Tgt Ion:112 Resp: 709624
 Ion Ratio Lower Upper
 112 100
 64 61.6 49.8 74.8
 63 32.1 26.1 39.1

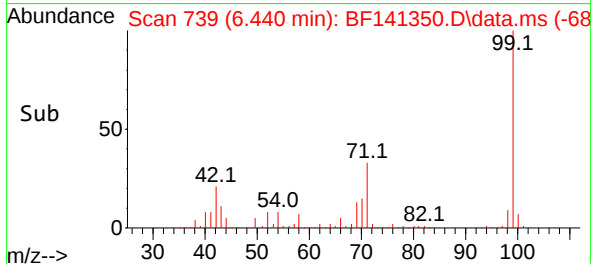
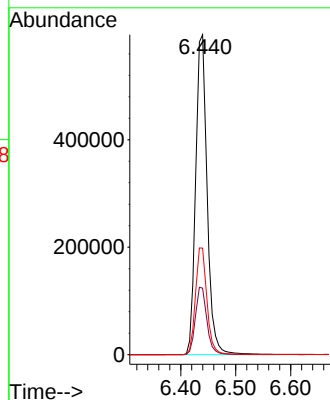
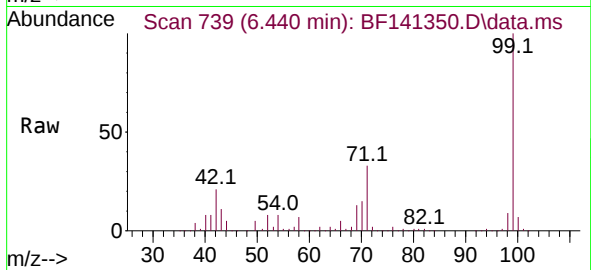




#7
Phenol-d6
Concen: 69.888 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

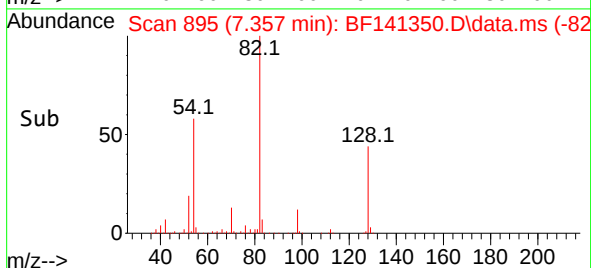
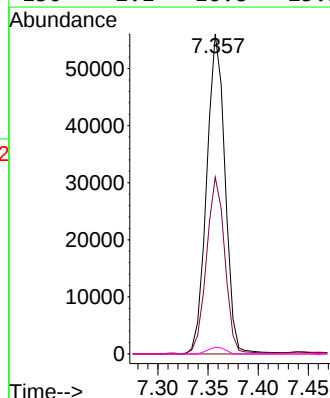
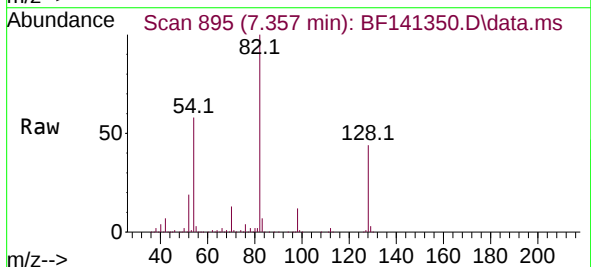
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ClientSampleId :
B-110-SB02

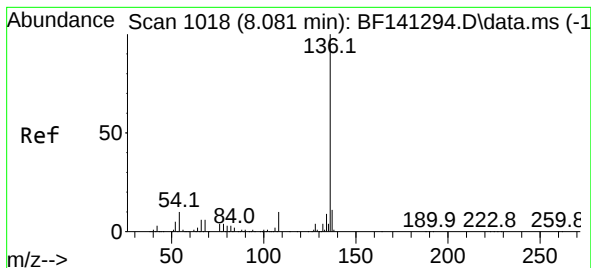
Tgt Ion: 99 Resp: 863941
Ion Ratio Lower Upper
99 100
42 20.8 17.1 25.7
71 33.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.770 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

Tgt Ion: 70 Resp: 71764
Ion Ratio Lower Upper
70 100
42 55.3 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF141350.D

Acq: 31 Jan 2025 23:37

Instrument :

BNA_F

ClientSampleId :

B-110-SB02

Tgt Ion:136 Resp: 593714

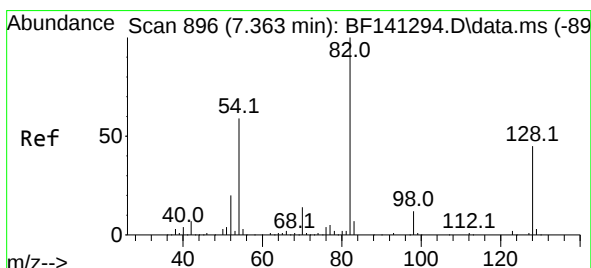
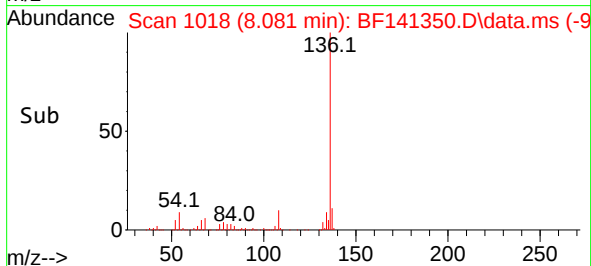
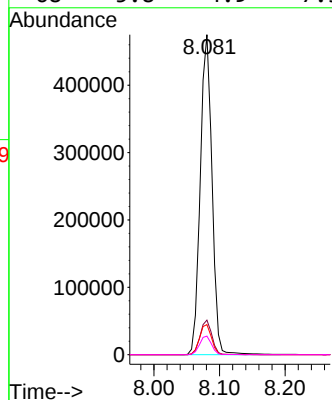
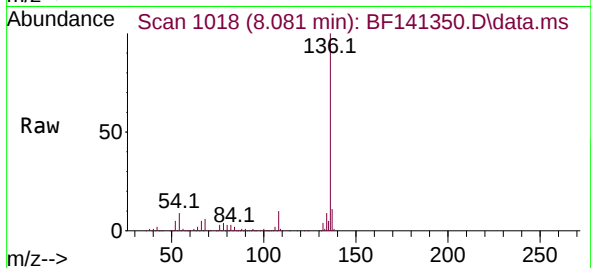
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.4 7.8 11.8

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 47.938 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141350.D

Acq: 31 Jan 2025 23:37

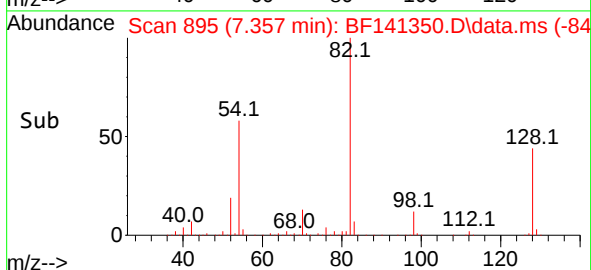
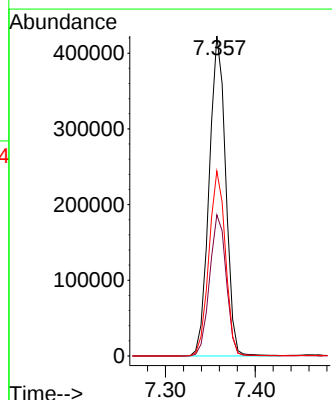
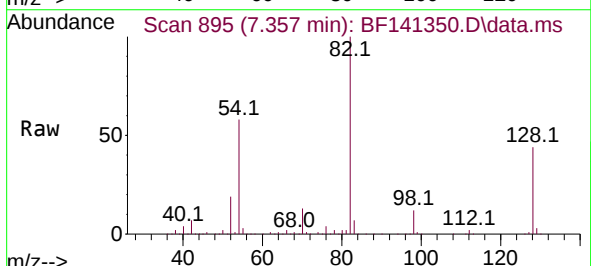
Tgt Ion: 82 Resp: 539898

Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

54 57.8 47.1 70.7

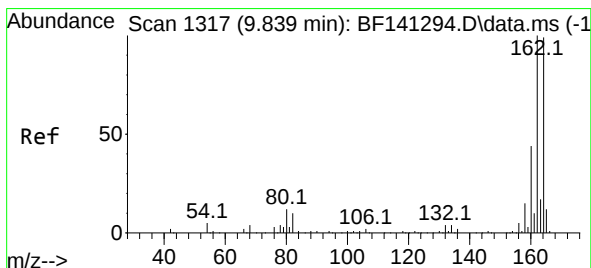
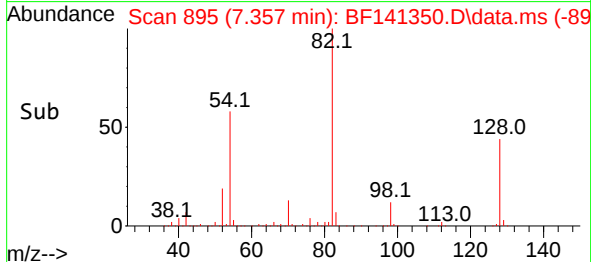
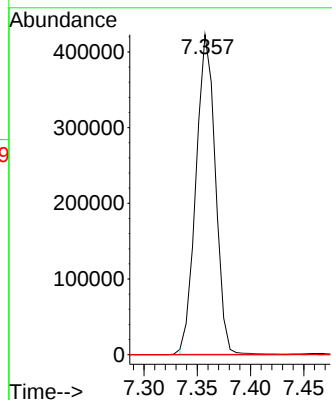
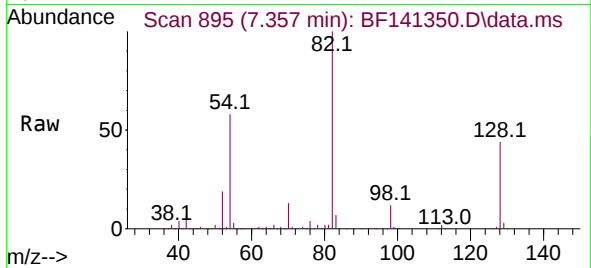




#25
Isophorone
Concen: 27.396 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

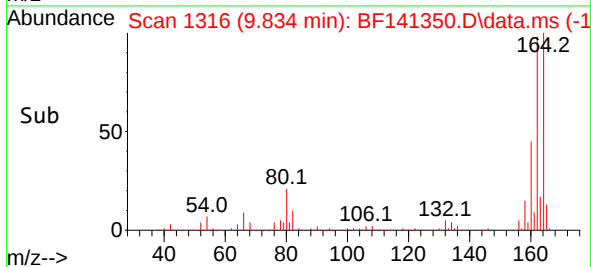
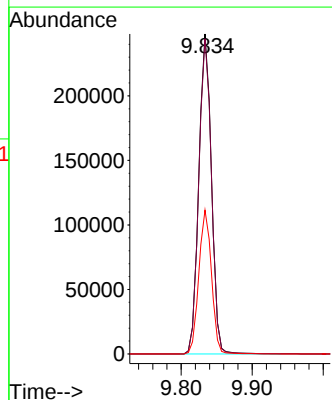
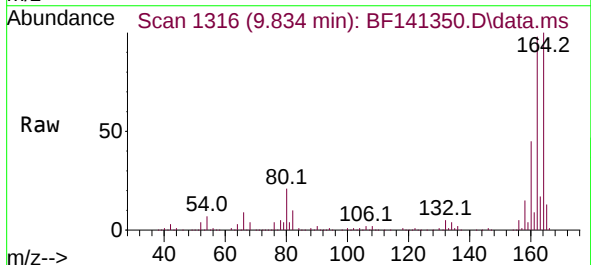
Instrument :
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B-110-SB02

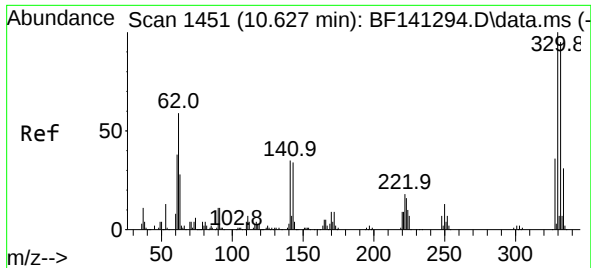
Tgt Ion: 82 Resp: 533350
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

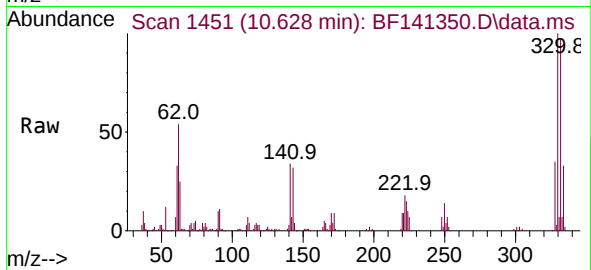
Tgt Ion:164 Resp: 307017
Ion Ratio Lower Upper
164 100
162 98.5 80.6 121.0
160 44.9 35.8 53.6



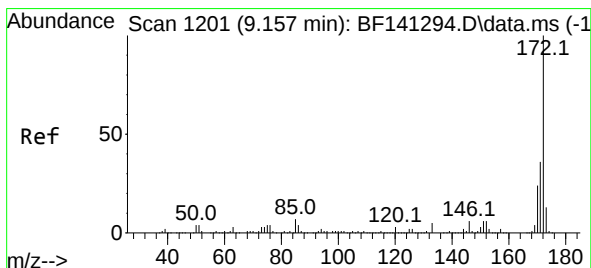
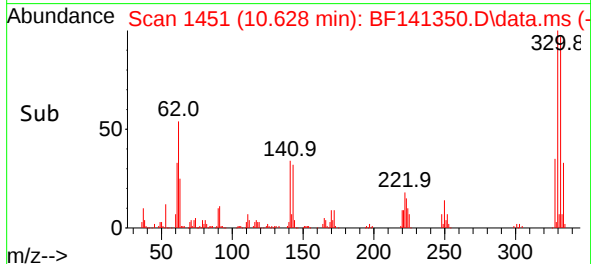
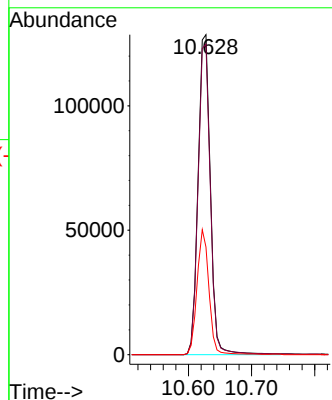


#42
2,4,6-Tribromophenol
Concen: 61.894 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

Instrument :
BNA_F
ClientSampleId :
B-110-SB02

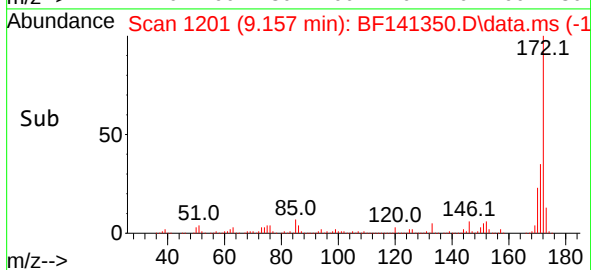
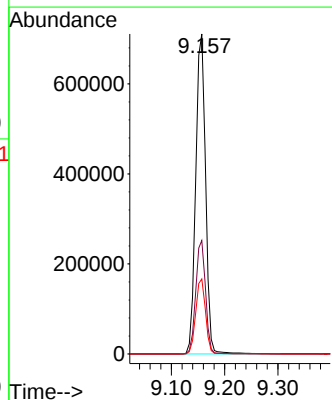
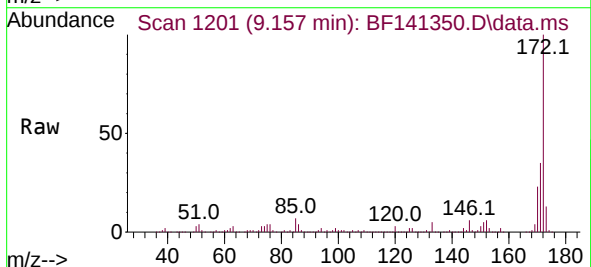


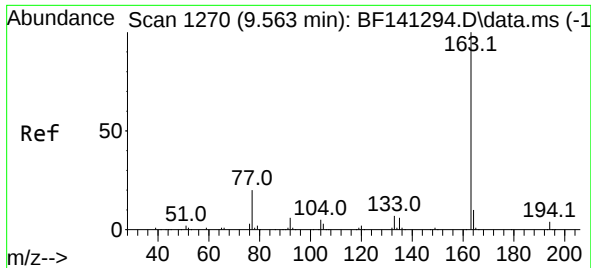
Tgt Ion:330 Resp: 174209
Ion Ratio Lower Upper
330 100
332 97.1 76.1 114.1
141 37.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 46.029 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

Tgt Ion:172 Resp: 918116
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.4 19.0 28.6

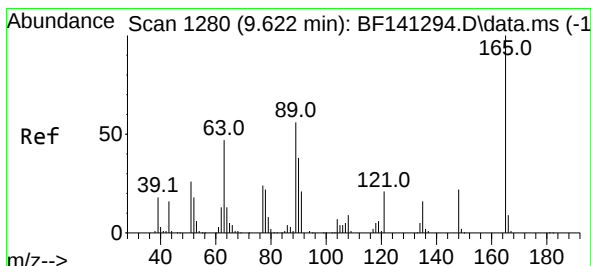
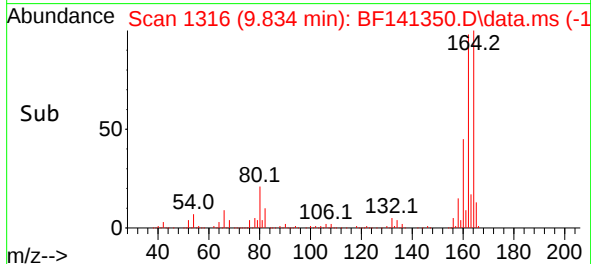
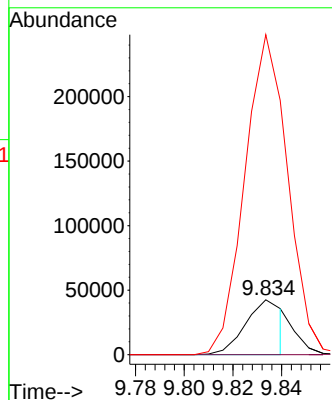
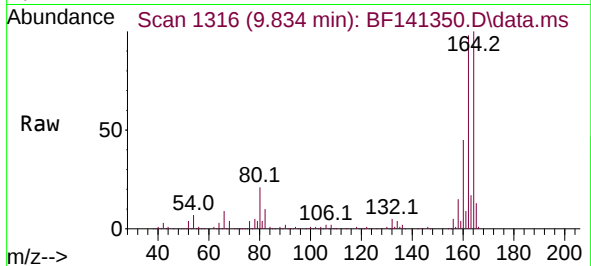




#50
Dimethylphthalate
Concen: 2.164 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

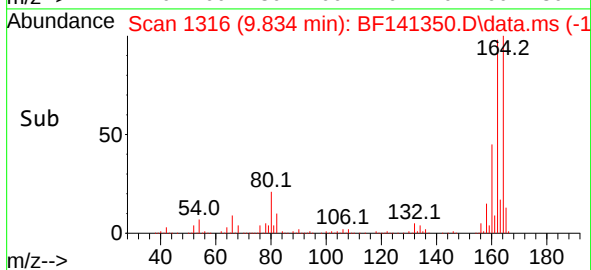
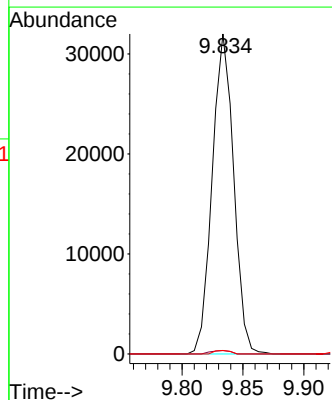
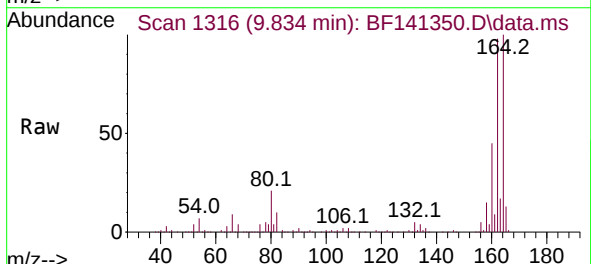
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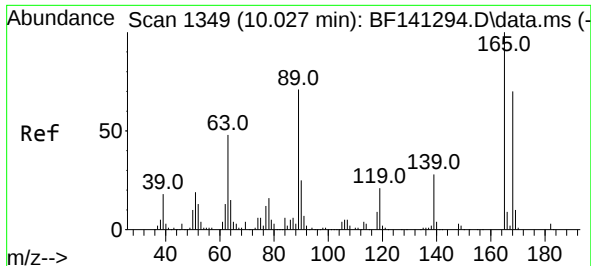
Tgt Ion:163 Resp: 44871
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 583.1 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.144 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

Tgt Ion:165 Resp: 39210
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.1 44.9 67.3#

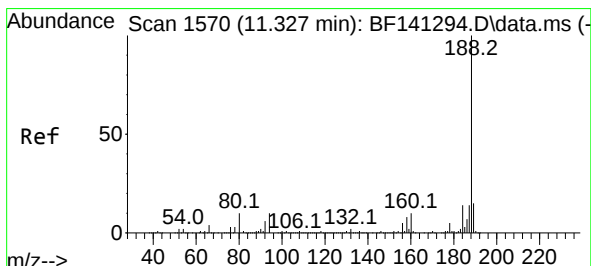
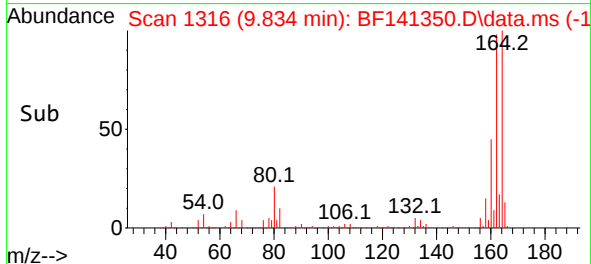
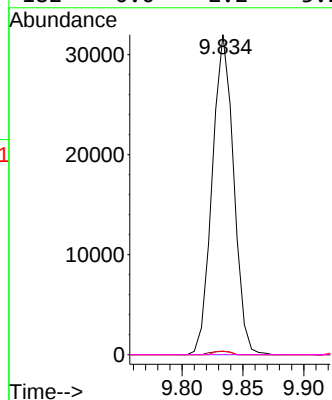
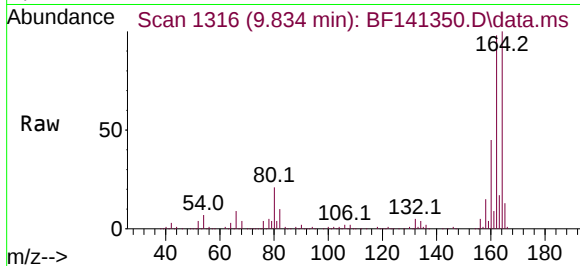




#57
2,4-Dinitrotoluene
Concen: 6.290 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

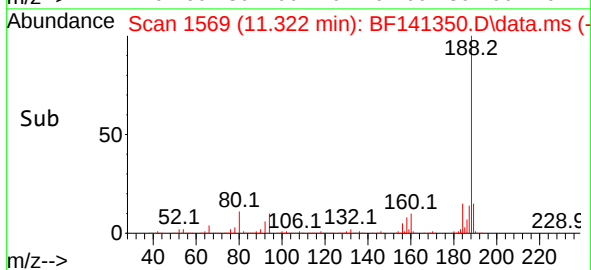
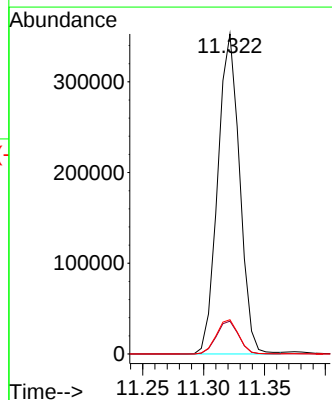
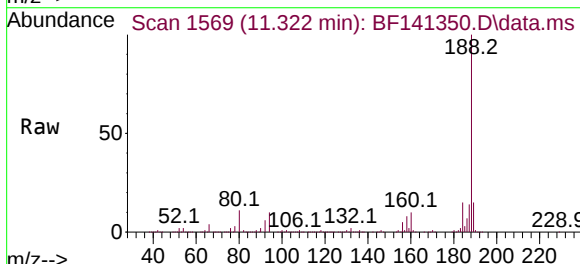
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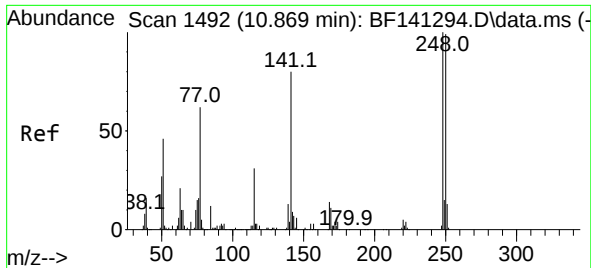
Tgt Ion:165 Resp: 39210
Ion Ratio Lower Upper
165 100
63 1.0 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

Tgt Ion:188 Resp: 441643
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 10.7 8.2 12.4

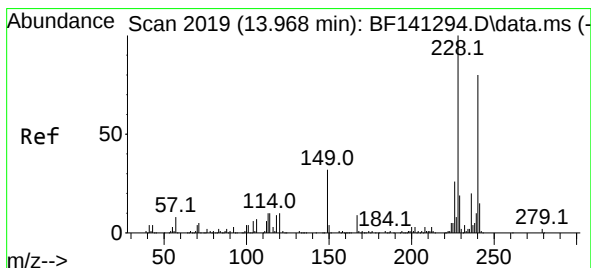
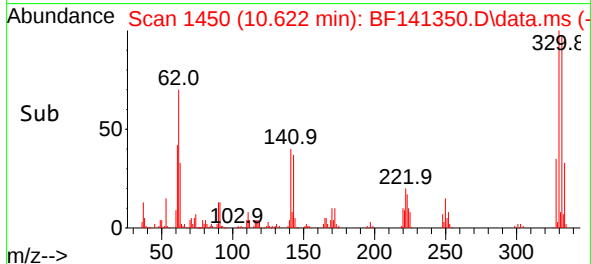
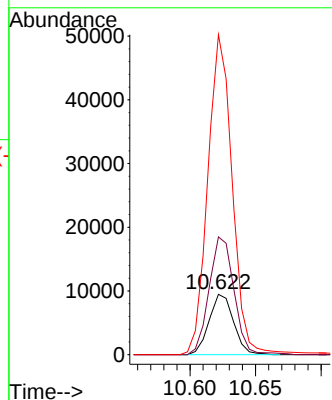
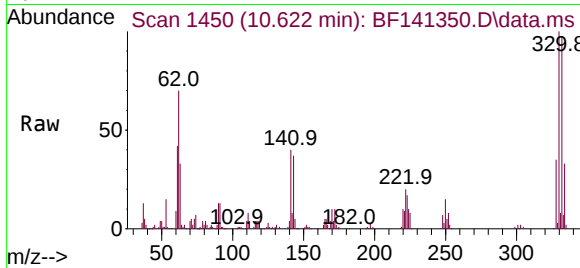




#67
4-Bromophenyl-phenylether
Concen: 2.490 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

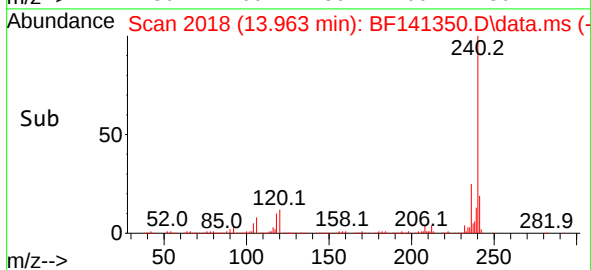
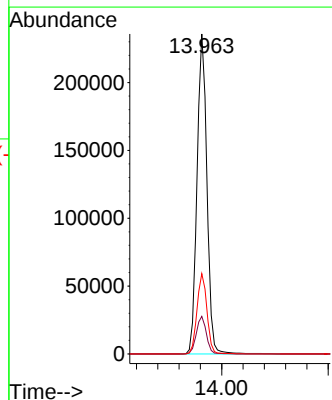
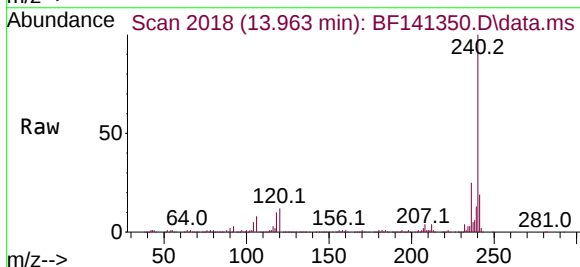
Instrument :
BNA_F
ClientSampleId :
B-110-SB02

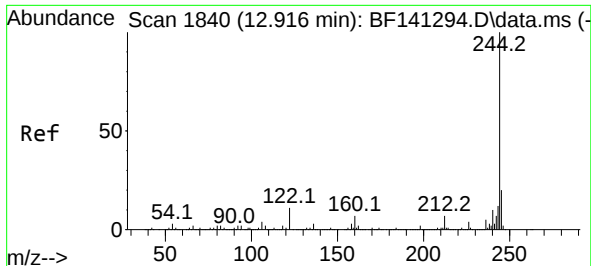
Tgt Ion:248 Resp: 12310
Ion Ratio Lower Upper
248 100
250 195.0 79.0 118.4#
141 529.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141350.D
Acq: 31 Jan 2025 23:37

Tgt Ion:240 Resp: 304741
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 25.1 19.7 29.5

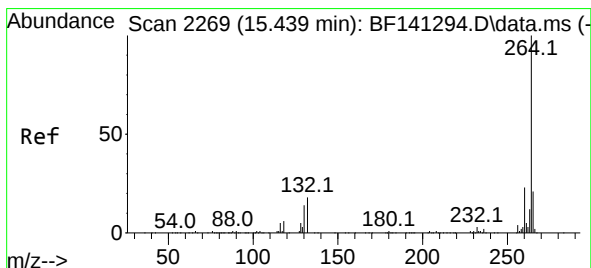
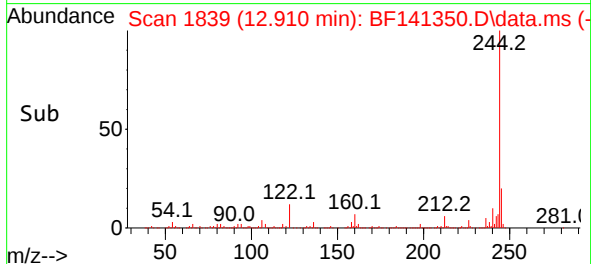
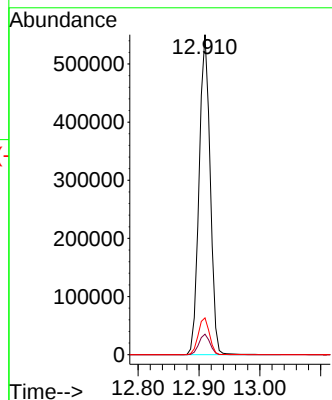
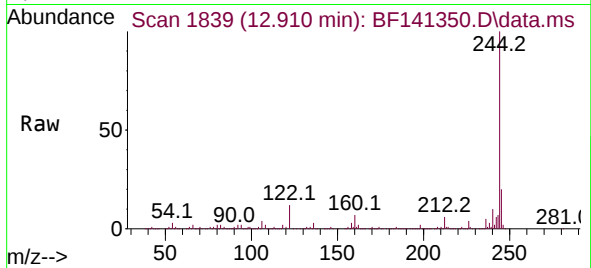




#79
 Terphenyl-d14
 Concen: 35.041 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141350.D
 Acq: 31 Jan 2025 23:37

Instrument :
 BNA_F
 ClientSampleId :
 B-110-SB02

Tgt Ion:244 Resp: 692428
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141350.D
 Acq: 31 Jan 2025 23:37

Tgt Ion:264 Resp: 278986
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.7 16.7 25.1

