

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140638.D
 Acq On : 26 Nov 2024 13:36
 Operator : RC/JU
 Sample : P4960-03RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW1

Quant Time: Nov 26 14:25:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

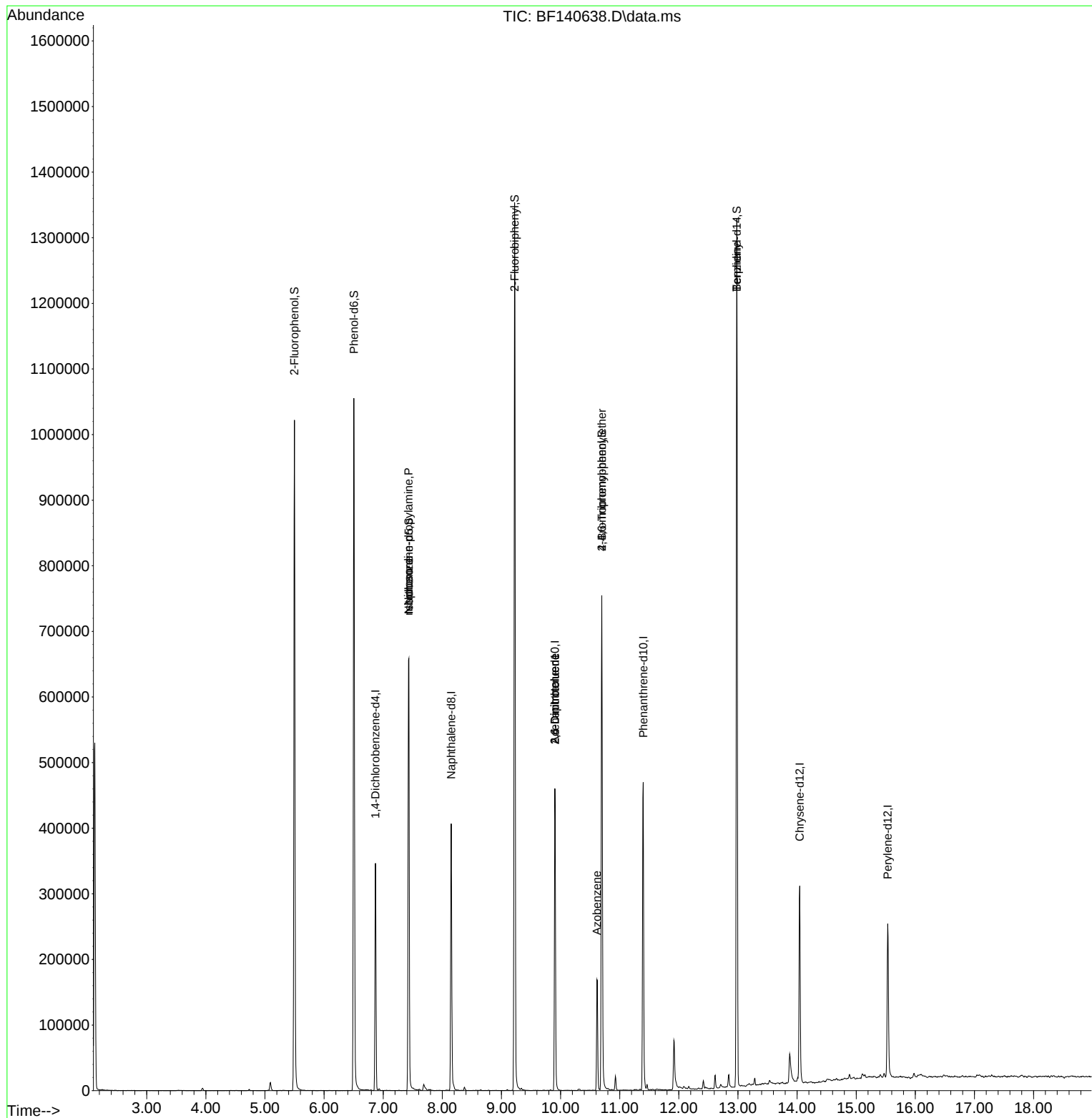
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73427	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	268122	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	142144	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	269581	20.000	ng	0.00
76) Chrysene-d12	14.045	240	147066	20.000	ng	0.00
86) Perylene-d12	15.533	264	144103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	382617	88.908	ng	0.00
7) Phenol-d6	6.504	99	495355	87.067	ng	-0.01
23) Nitrobenzene-d5	7.433	82	318018	60.669	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	135067	88.846	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	605237	63.440	ng	-0.01
79) Terphenyl-d14	12.980	244	640320	67.797	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	42336	12.591	ng	# 77
25) Isophorone	7.433	82	314180	35.935	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	18165	8.556	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	18165	6.438	ng	# 17
63) Azobenzene	10.616	77	47371	5.259	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8831	3.181	ng	# 1
77) Benzidine	12.980	184	8749	2.046	ng	# 91

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

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Nov 26 14:25:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

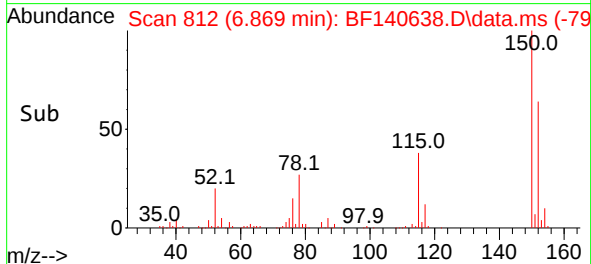
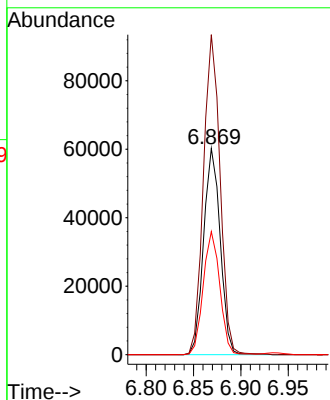
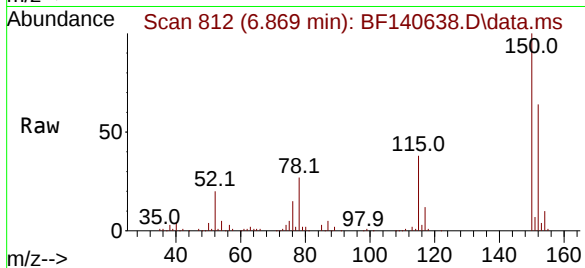




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

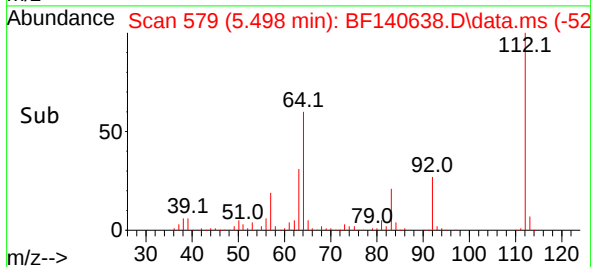
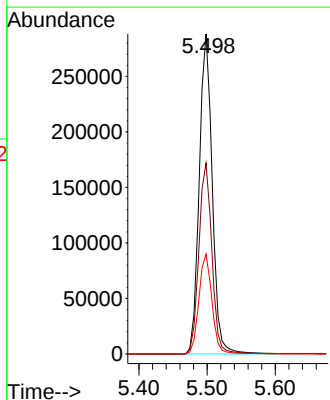
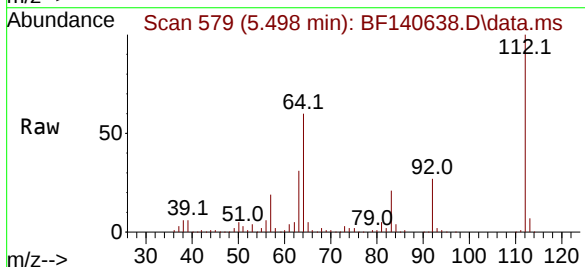
Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion:152 Resp: 73427
Ion Ratio Lower Upper
152 100
150 155.2 128.5 192.7
115 59.7 50.2 75.4



#5
2-Fluorophenol
Concen: 88.908 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Tgt Ion:112 Resp: 382617
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.2 27.0 40.4

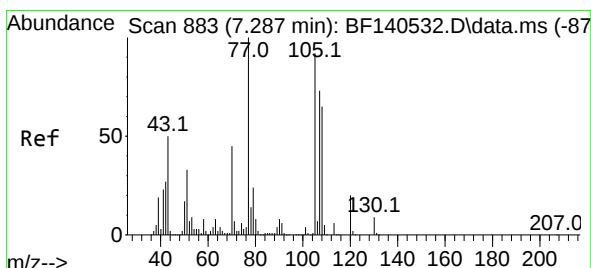
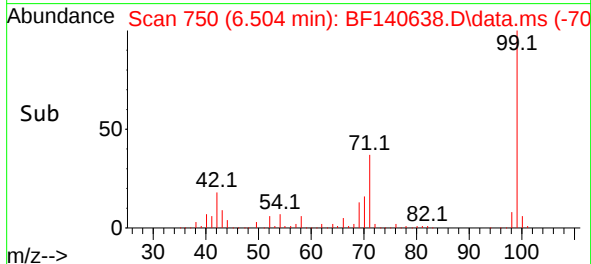
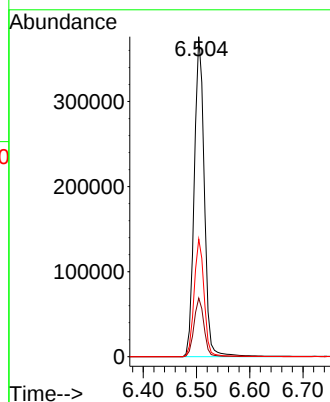
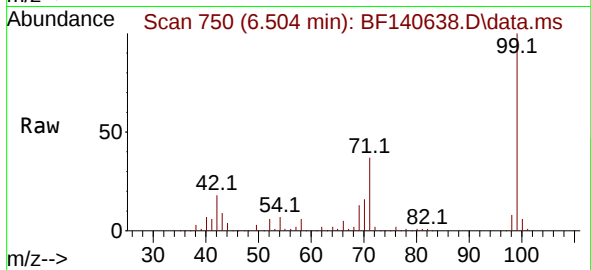




#7
Phenol-d6
Concen: 87.067 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

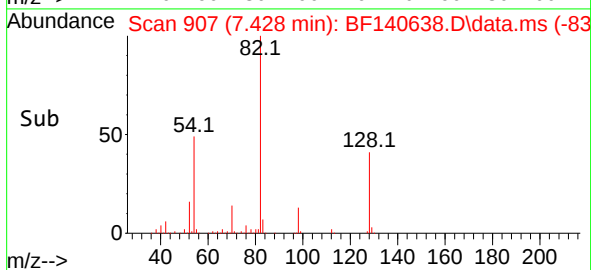
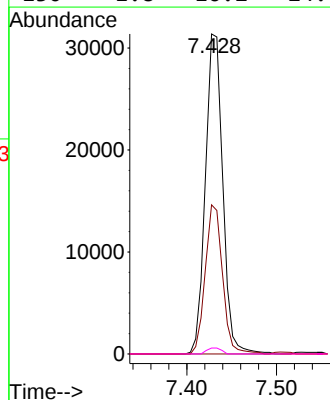
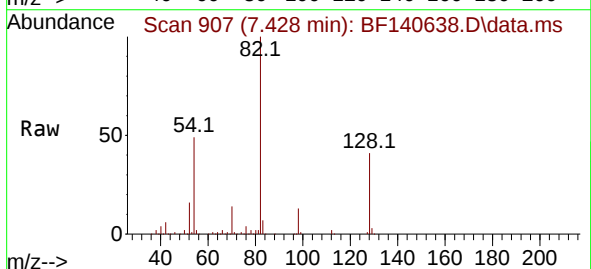
Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion: 99 Resp: 495355
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 36.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.591 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Tgt Ion: 70 Resp: 42336
Ion Ratio Lower Upper
70 100
42 46.6 47.6 71.4#
101 0.0 7.6 11.4#
130 1.8 16.2 24.4#

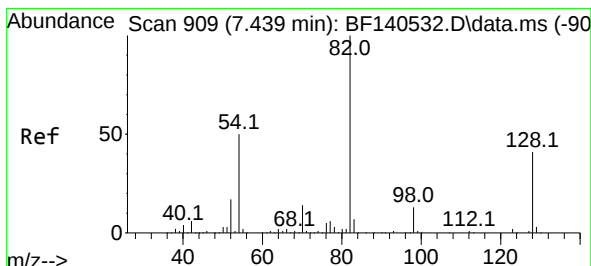
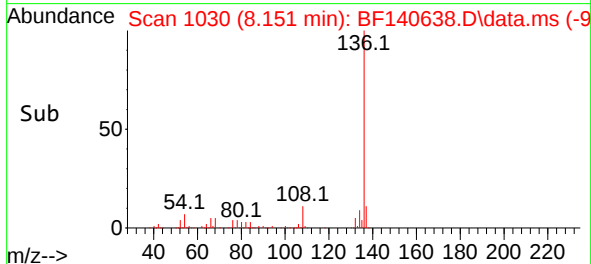
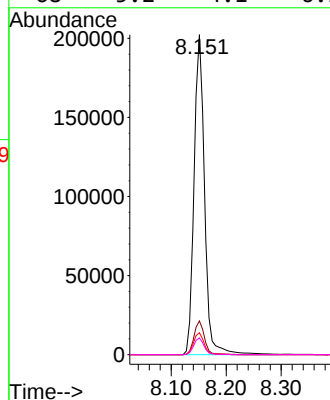
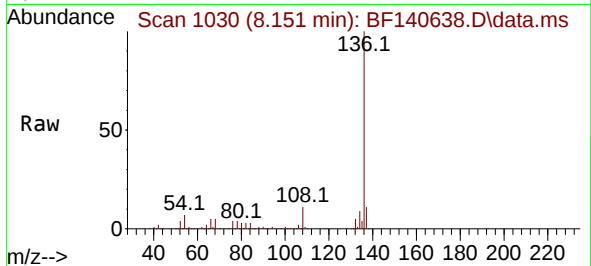




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

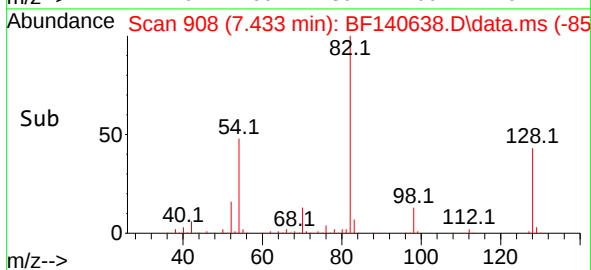
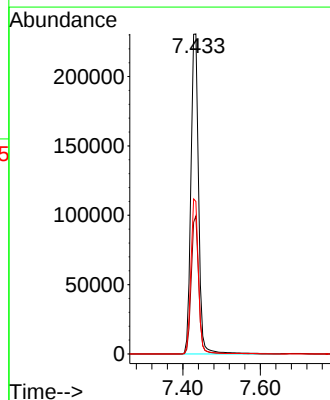
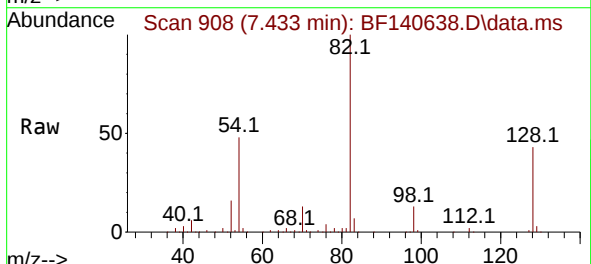
Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion:	136	Resp:	268122
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.9	5.8	8.8
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 60.669 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Tgt Ion:	82	Resp:	318018
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.0	49.4
54	47.6	39.5	59.3

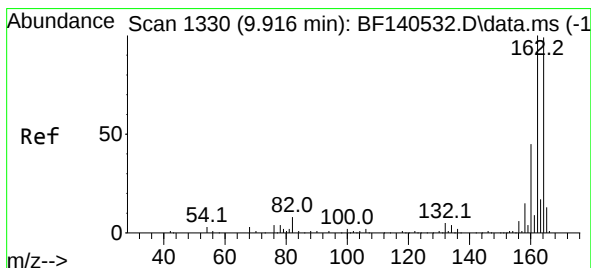
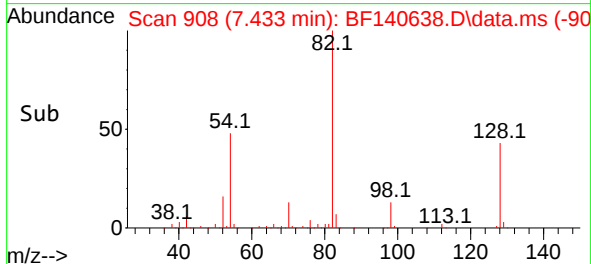
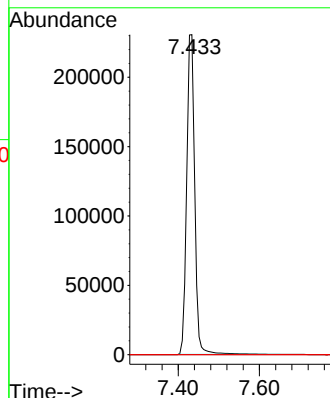
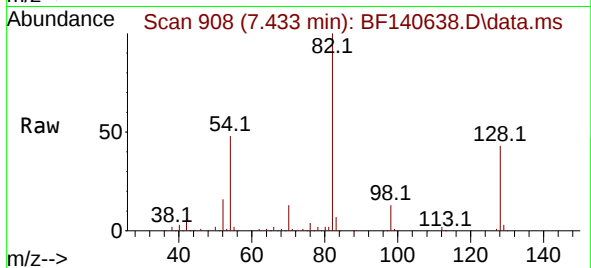




#25
Isophorone
Concen: 35.935 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

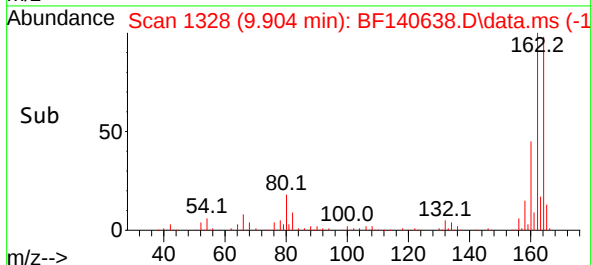
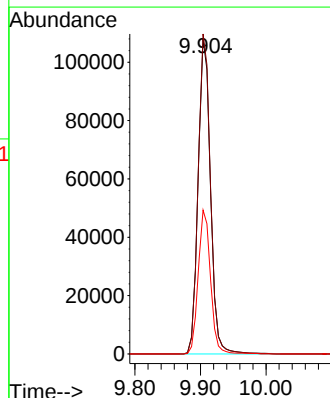
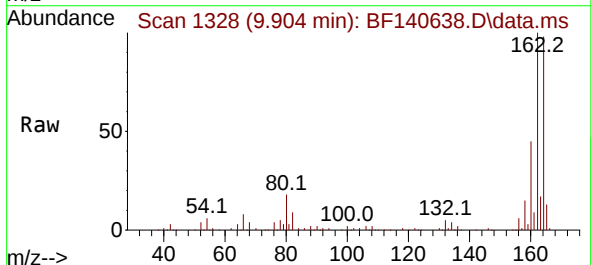
Instrument :
BNA_F
ClientSampleId :
SW1

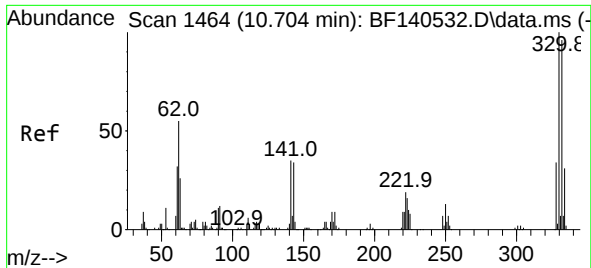
Tgt Ion: 82 Resp: 314180
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Tgt Ion: 164 Resp: 142144
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.7 36.2 54.4

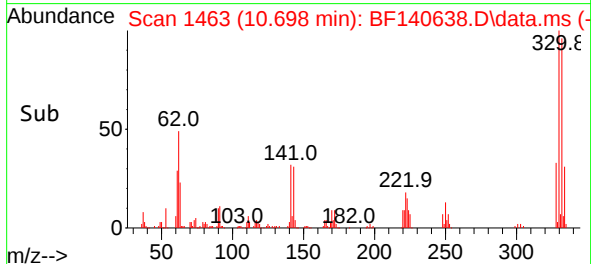
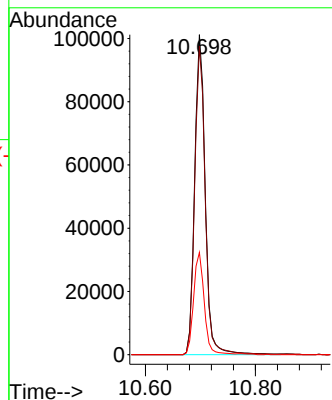
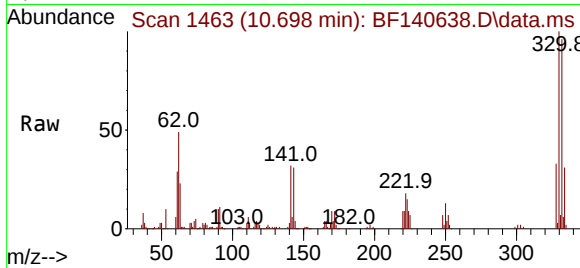




#42
 2,4,6-Tribromophenol
 Concen: 88.846 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140638.D
 Acq: 26 Nov 2024 13:36

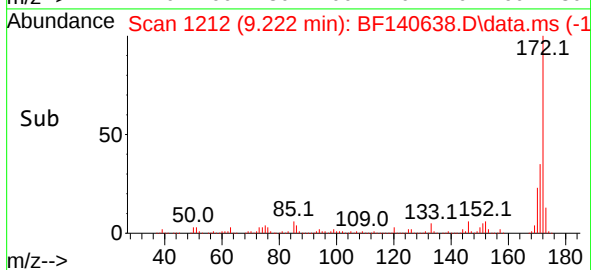
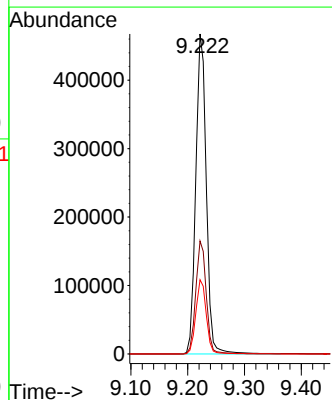
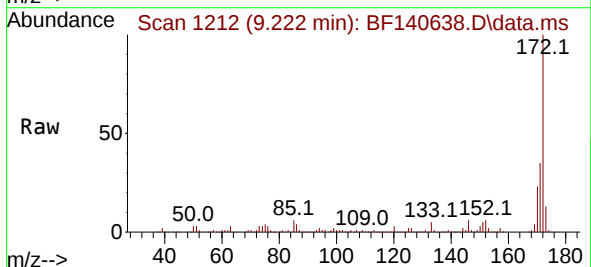
Instrument :
 BNA_F
 ClientSampleId :
 SW1

Tgt Ion: 330 Resp: 135067
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 32.4 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 63.440 ng
 RT: 9.222 min Scan# 1212
 Delta R.T. -0.012 min
 Lab File: BF140638.D
 Acq: 26 Nov 2024 13:36

Tgt Ion: 172 Resp: 605237
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.4 42.6
 170 23.2 19.0 28.6

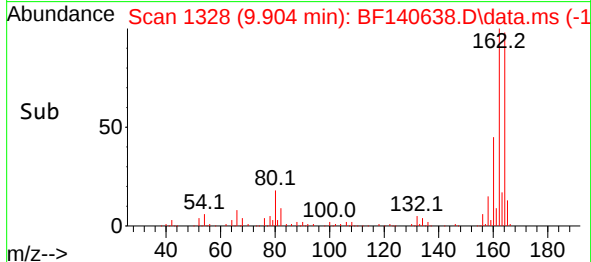
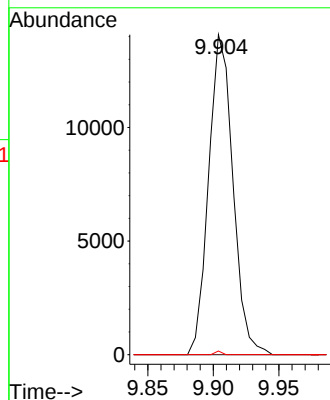
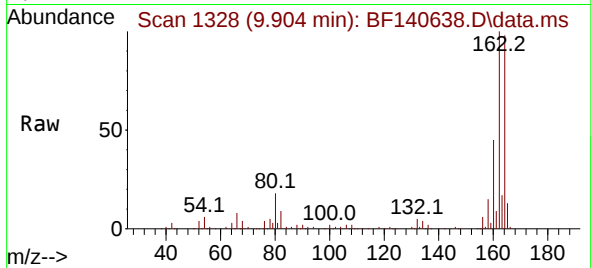




#51
2,6-Dinitrotoluene
Concen: 8.556 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

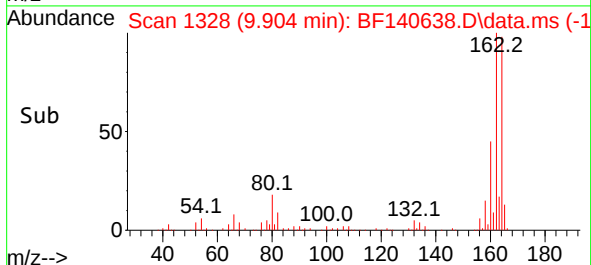
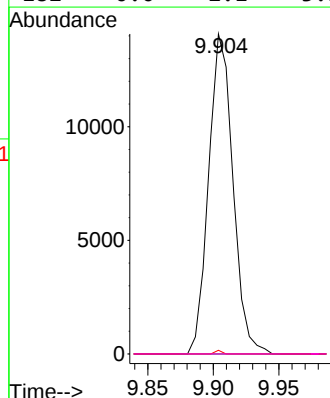
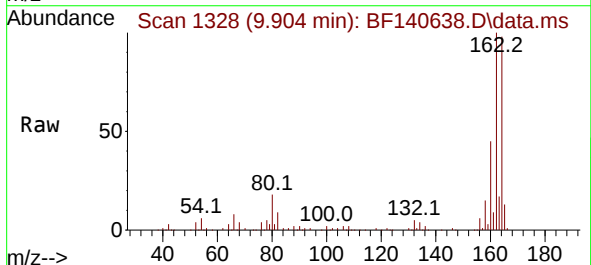
Instrument :
BNA_F
ClientSampleId :
SW1

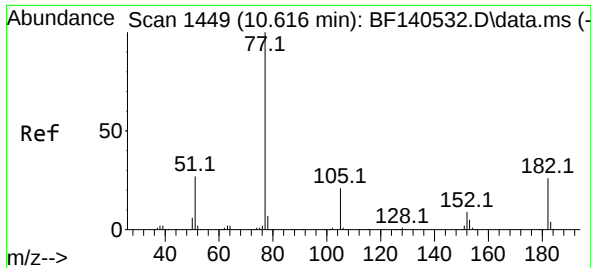
Tgt Ion:165 Resp: 18165
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.1 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.438 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Tgt Ion:165 Resp: 18165
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.1 65.8 98.8#
182 0.0 2.1 3.1#

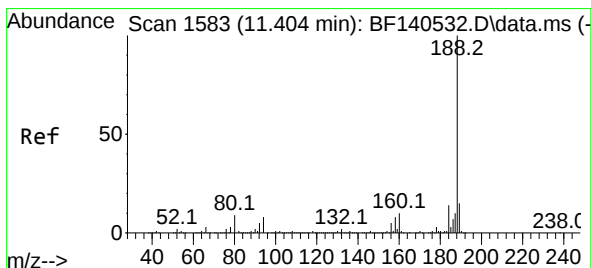
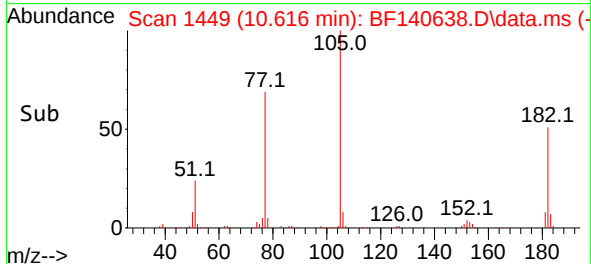
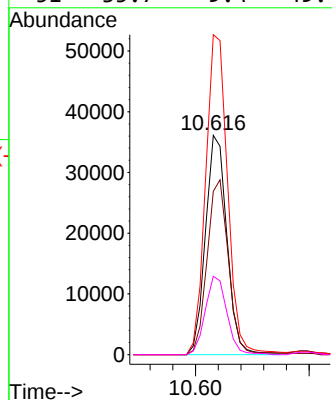
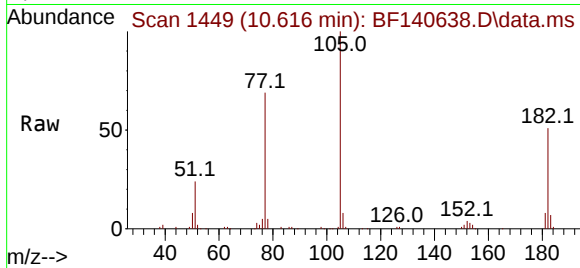




#63
Azobenzene
Concen: 5.259 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

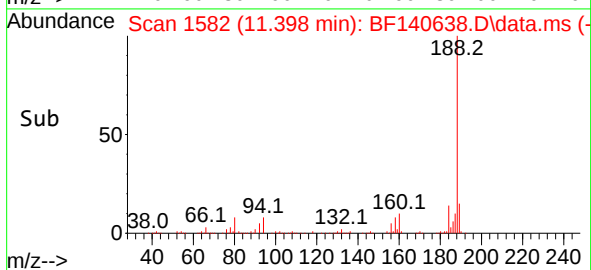
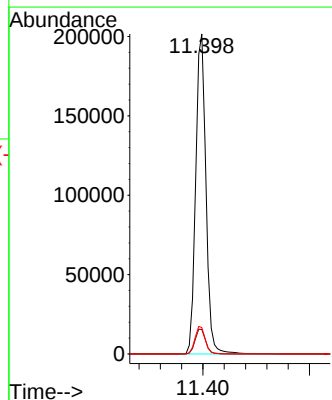
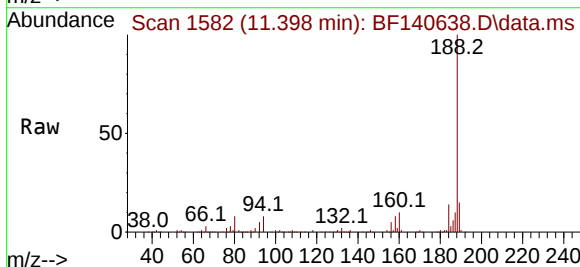
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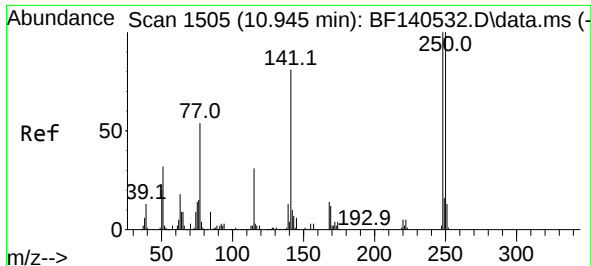
Tgt Ion: 77	Resp: 47371
Ion Ratio	Lower Upper
77 100	
182 74.4	5.3 45.3#
105 145.8	0.3 40.3#
51 35.7	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Tgt Ion: 188	Resp: 269581
Ion Ratio	Lower Upper
188 100	
94 7.6	6.4 9.6
80 8.2	6.9 10.3

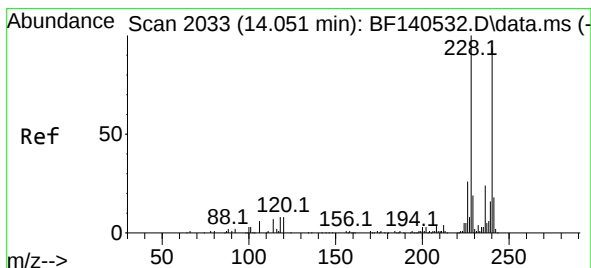
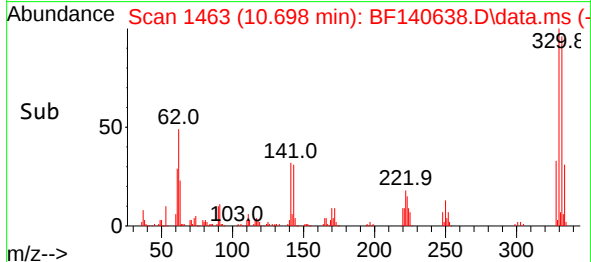
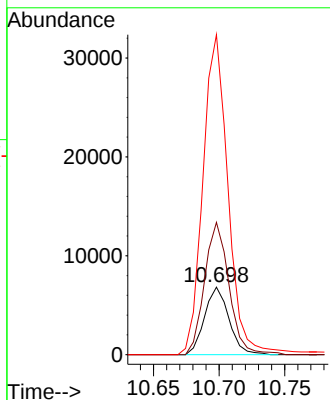
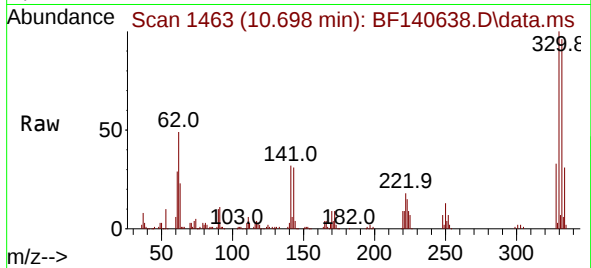




#67
4-Bromophenyl-phenylether
Concen: 3.181 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

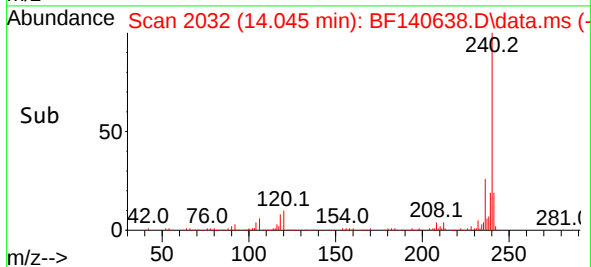
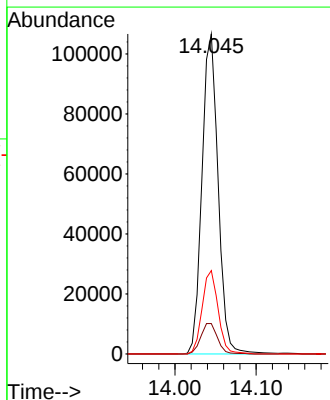
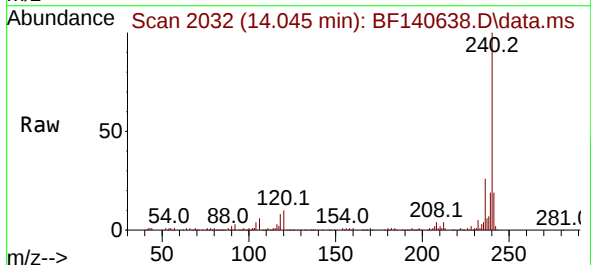
Instrument :
BNA_F
ClientSampleId :
SW1

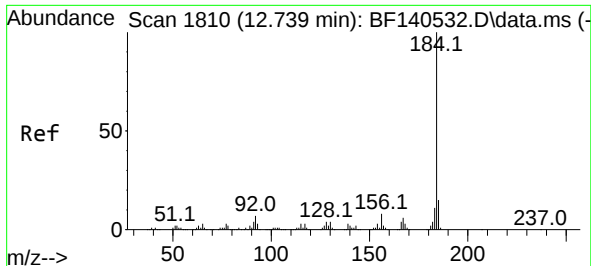
Tgt Ion:248 Resp: 8831
Ion Ratio Lower Upper
248 100
250 195.7 79.8 119.8#
141 473.4 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Tgt Ion:240 Resp: 147066
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.0 20.6 31.0

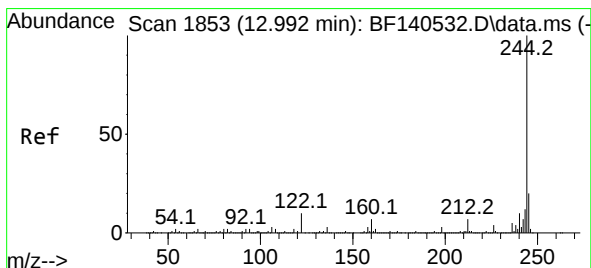
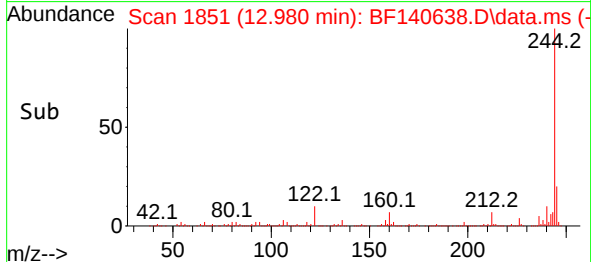
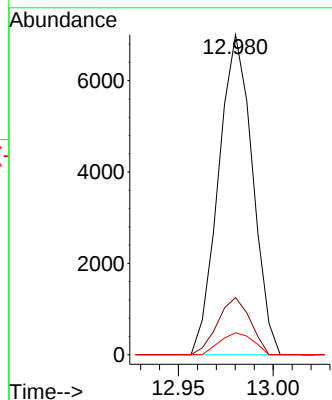
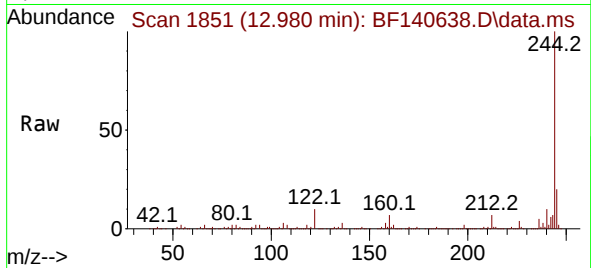




#77
Benzidine
Concen: 2.046 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

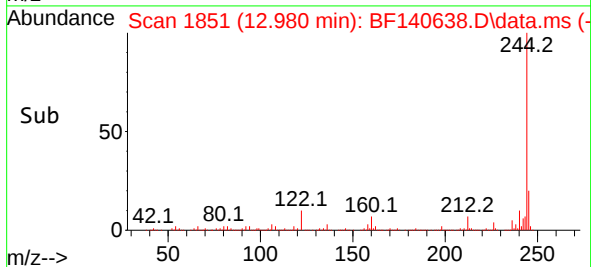
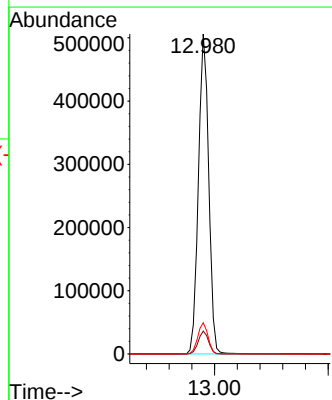
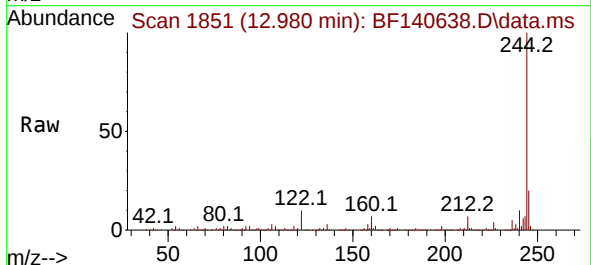
Instrument :
BNA_F
ClientSampleId :
SW1

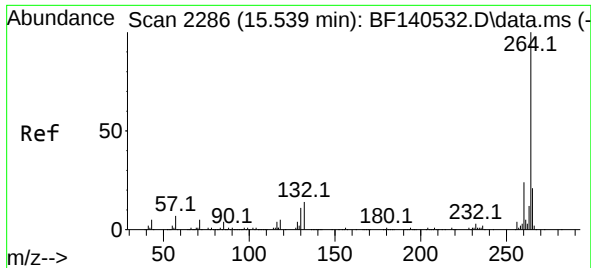
Tgt Ion:184 Resp: 8749
Ion Ratio Lower Upper
184 100
185 17.9 11.7 17.5#
183 6.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 67.797 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Tgt Ion:244 Resp: 640320
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.8 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140638.D
Acq: 26 Nov 2024 13:36

Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion:264 Resp: 144103
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 20.8 16.6 25.0

