

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140634.D
 Acq On : 26 Nov 2024 11:52
 Operator : RC/JU
 Sample : P4960-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW2

Quant Time: Nov 26 12:16:44 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)

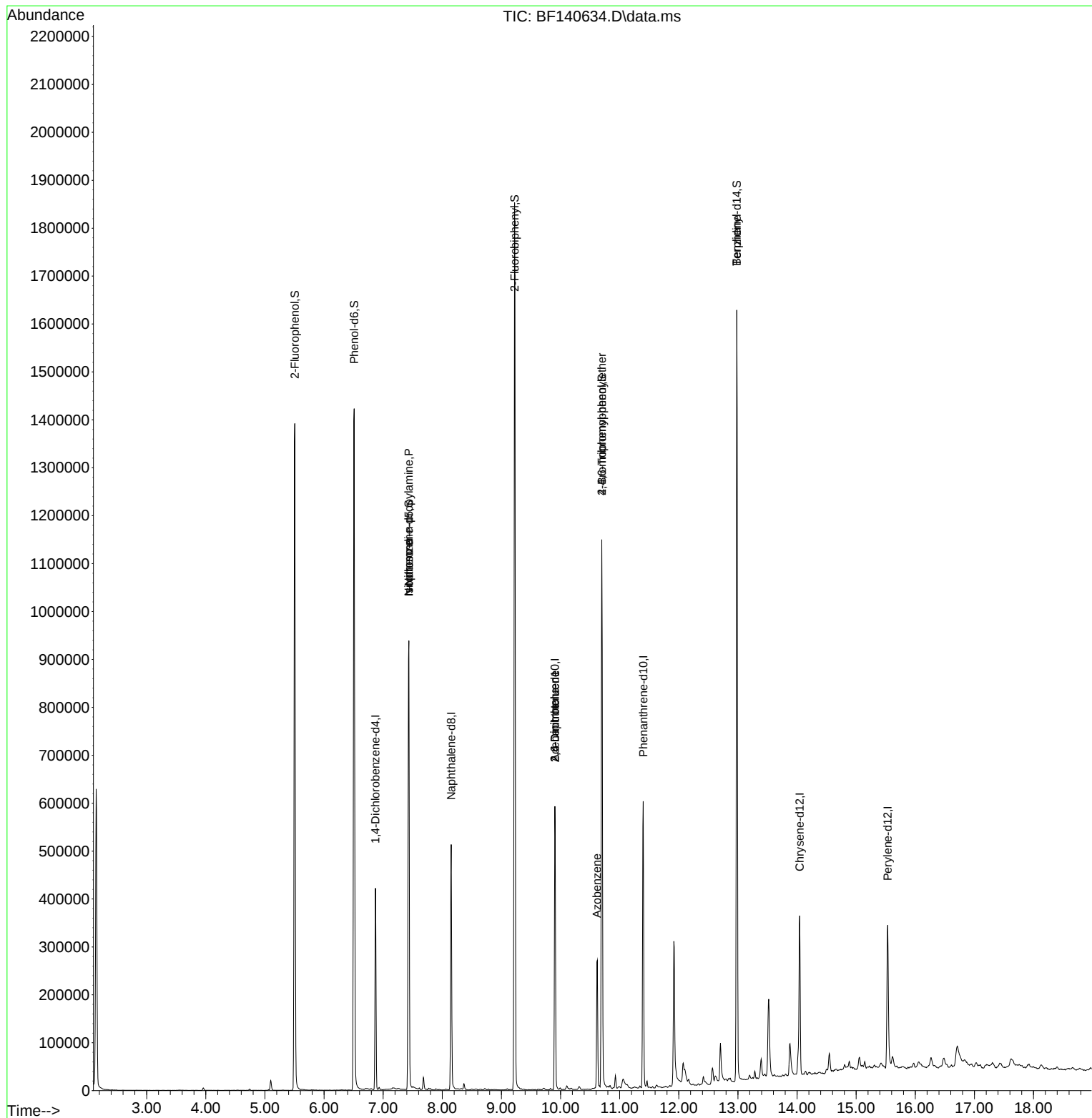
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	87953	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	330346	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	179774	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	329307	20.000	ng	0.00
76) Chrysene-d12	14.045	240	164232	20.000	ng	0.00
86) Perylene-d12	15.533	264	173350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	541607	105.067	ng	0.00
7) Phenol-d6	6.510	99	703265	103.196	ng	0.00
23) Nitrobenzene-d5	7.434	82	449354	69.577	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	198491	103.236	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	843462	69.905	ng	-0.01
79) Terphenyl-d14	12.980	244	784665	74.396	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	60961	15.136	ng	# 75
25) Isophorone	7.434	82	441290	40.966	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	22869	8.517	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	22869	6.408	ng	# 18
63) Azobenzene	10.616	77	71952	6.316	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	12464	3.675	ng	# 1
77) Benzidine	12.980	184	10720	2.245	ng	# 92

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

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ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Nov 26 12:16:44 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

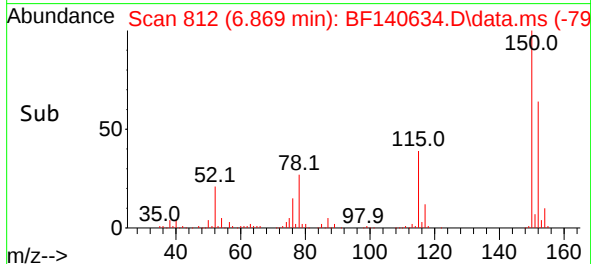
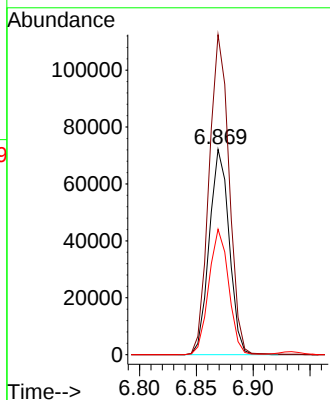
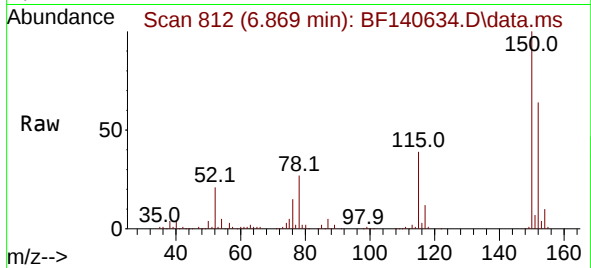




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

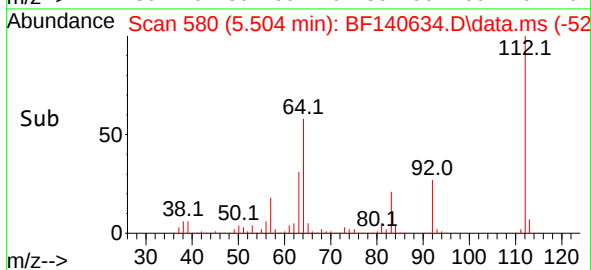
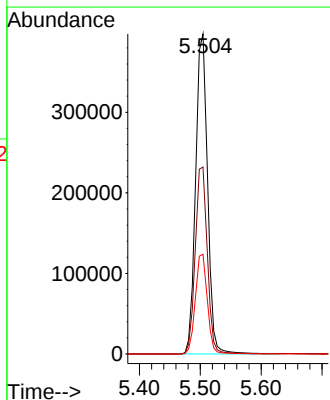
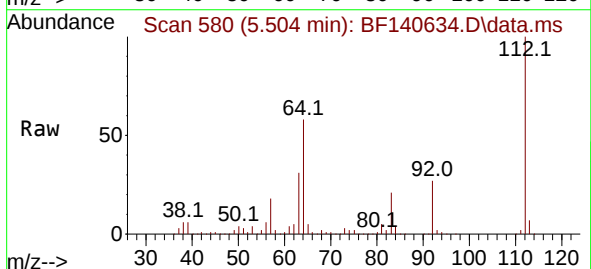
Instrument :
BNA_F
ClientSampleId :
SW2

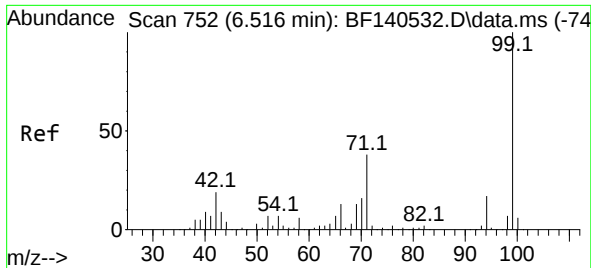
Tgt Ion:152 Resp: 87953
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 105.067 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion:112 Resp: 541607
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.2 27.0 40.4

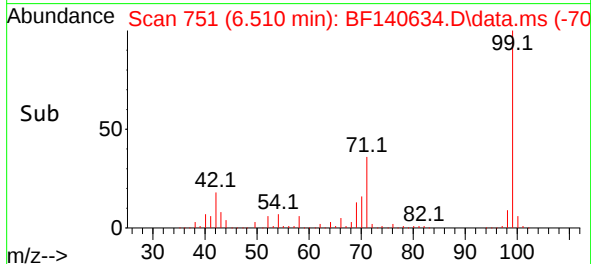
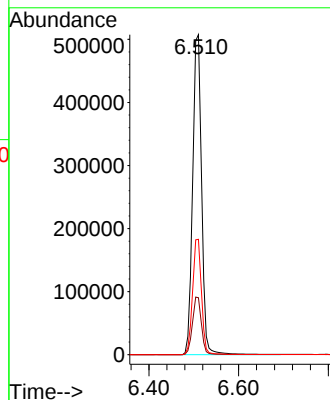
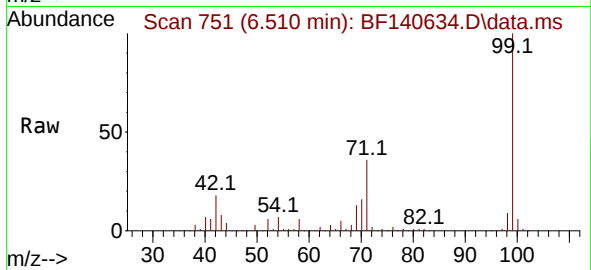




#7
Phenol-d6
Concen: 103.196 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

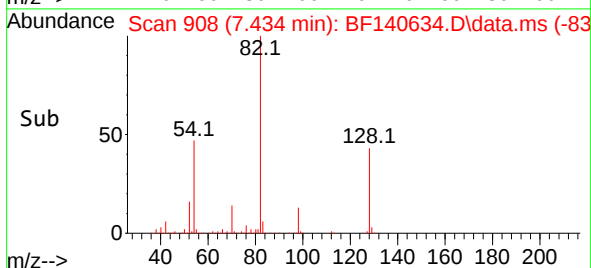
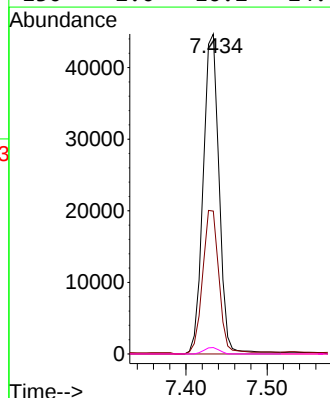
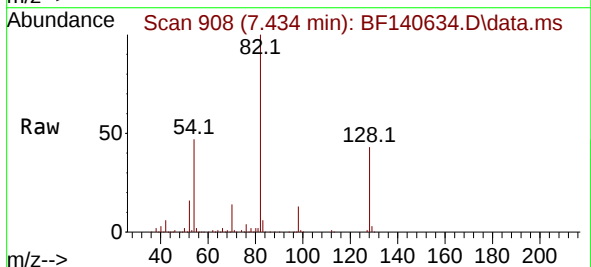
Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion: 99 Resp: 703265
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.136 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion: 70 Resp: 60961
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

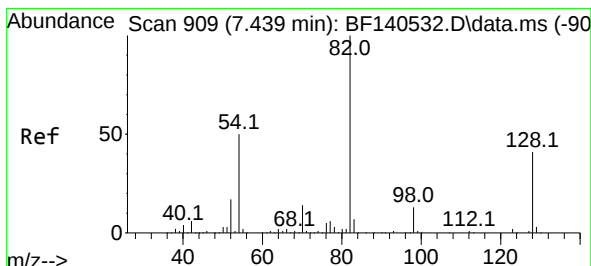
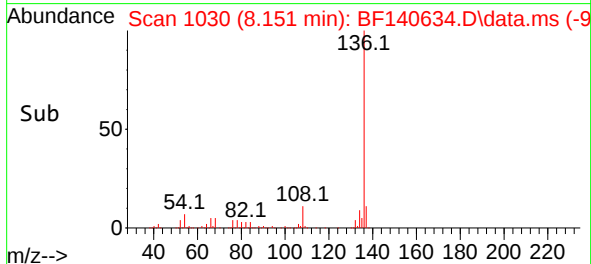
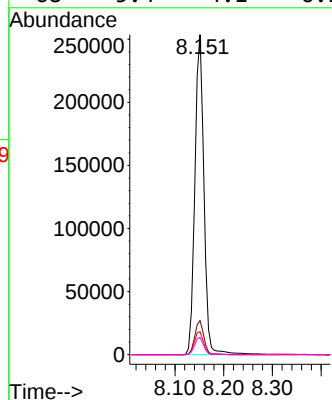
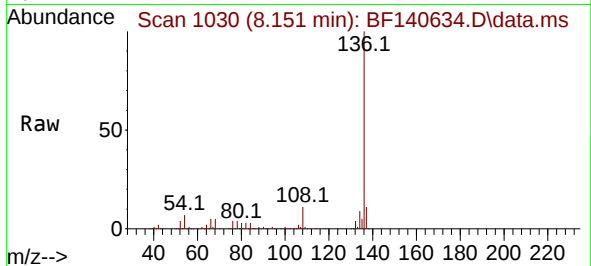




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

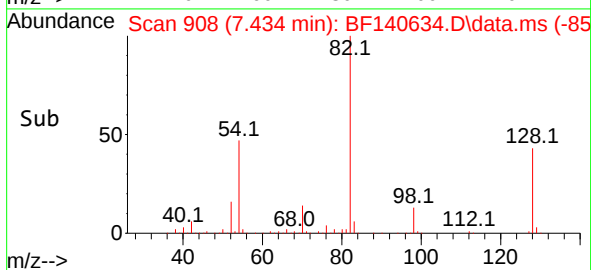
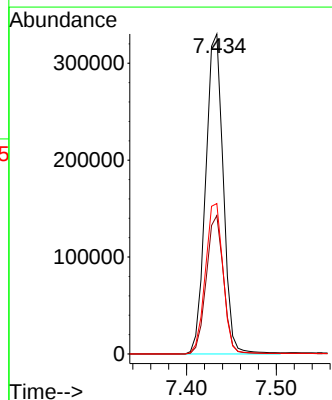
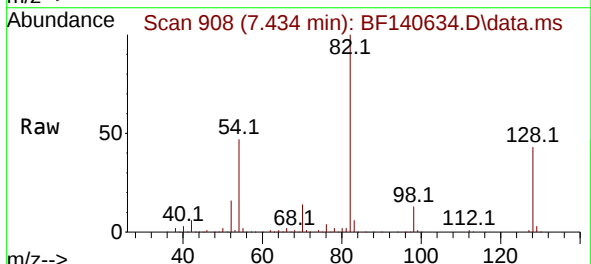
Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion:136 Resp: 330346
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.2 5.8 8.8
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 69.577 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion: 82 Resp: 449354
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.4
54 47.0 39.5 59.3

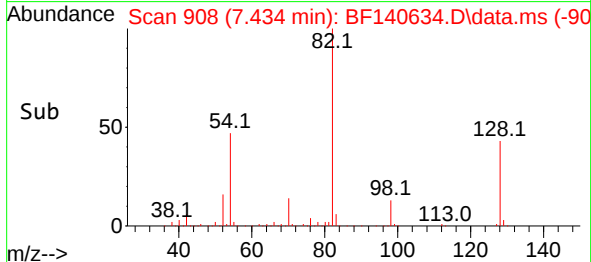
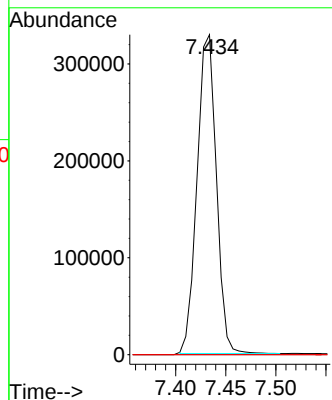
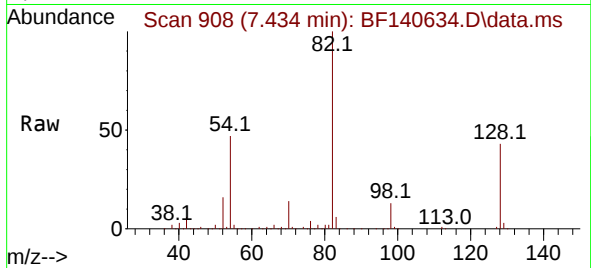




#25
Isophorone
Concen: 40.966 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

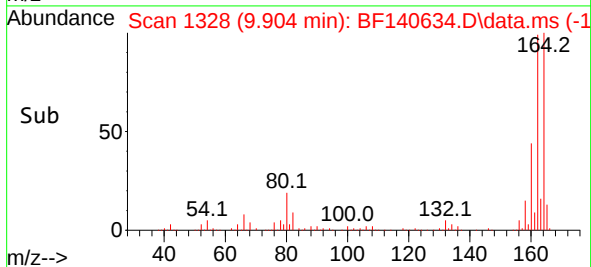
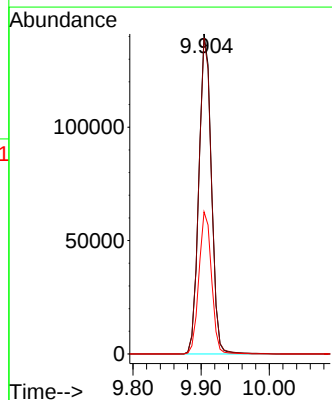
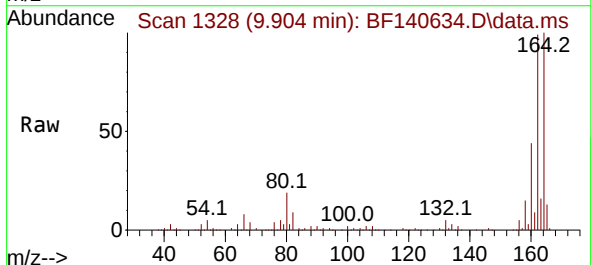
Instrument :
BNA_F
ClientSampleId :
SW2

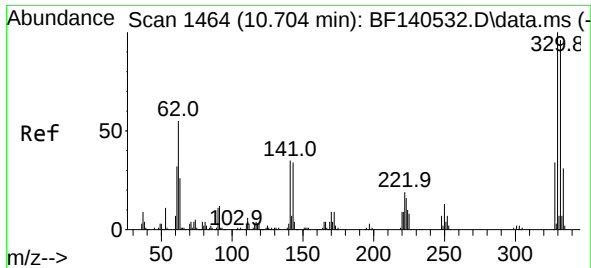
Tgt Ion: 82 Resp: 441290
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

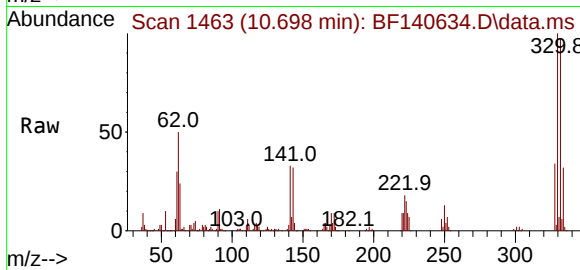
Tgt Ion: 164 Resp: 179774
Ion Ratio Lower Upper
164 100
162 98.8 80.6 120.8
160 44.4 36.2 54.4



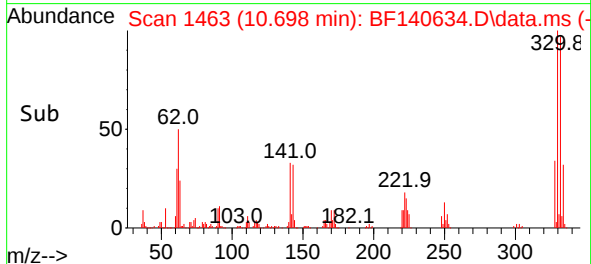
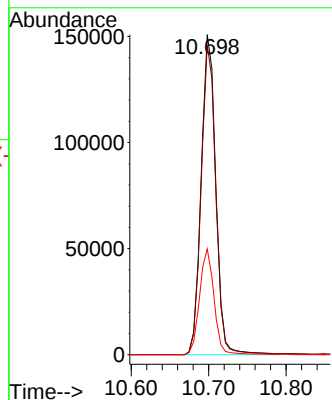


#42
2,4,6-Tribromophenol
Concen: 103.236 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Instrument :
BNA_F
ClientSampleId :
SW2

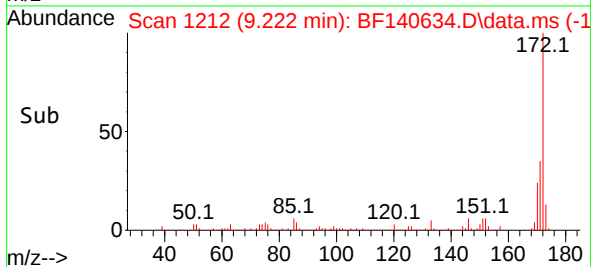
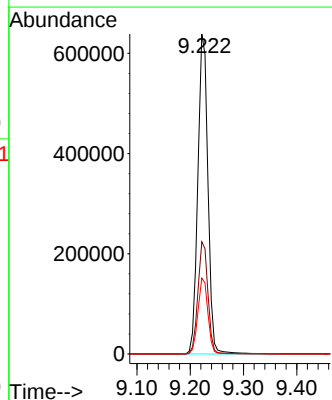
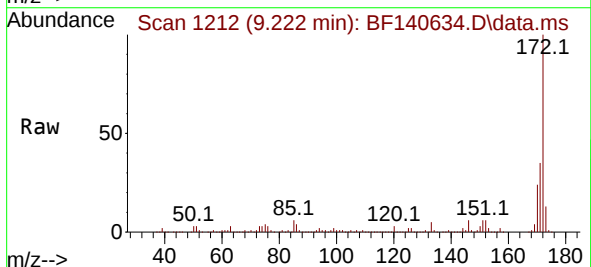


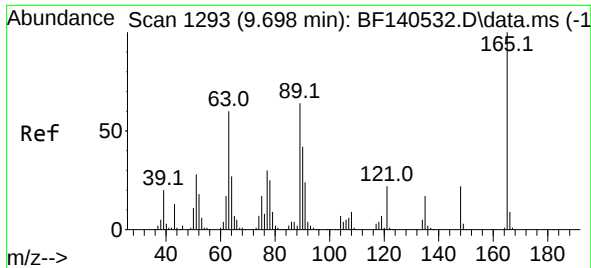
Tgt Ion:330 Resp: 198491
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 32.6 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 69.905 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion:172 Resp: 843462
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.7 19.0 28.6

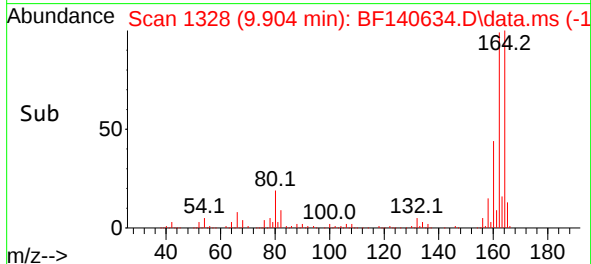
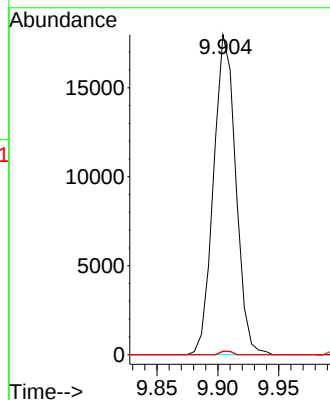
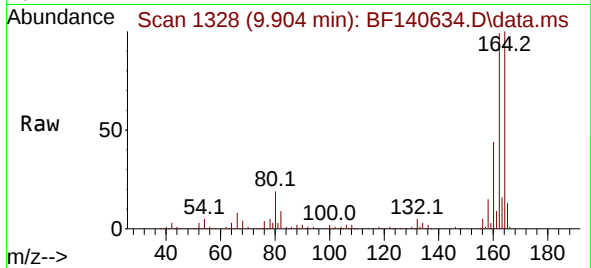




#51
2,6-Dinitrotoluene
Concen: 8.517 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

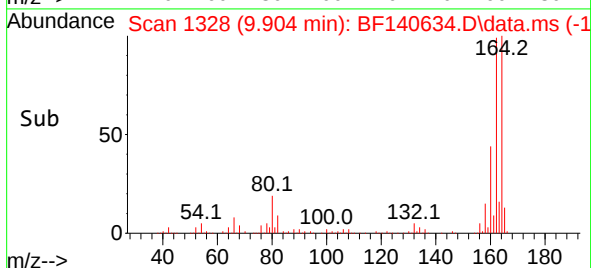
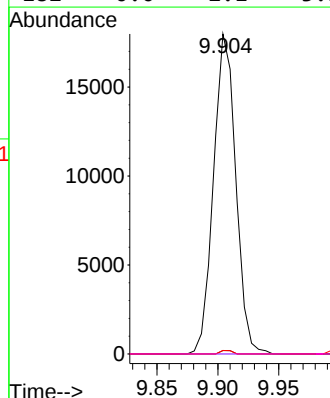
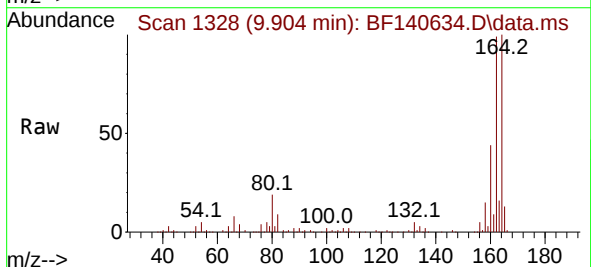
Instrument :
BNA_F
ClientSampleId :
SW2

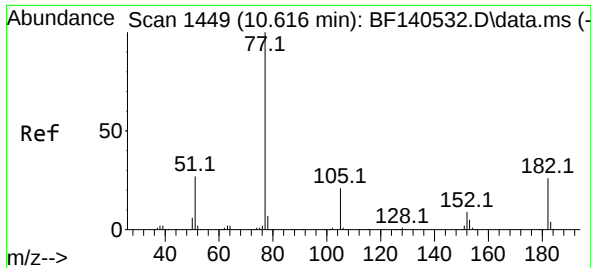
Tgt Ion:165 Resp: 22869
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.1 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.408 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion:165 Resp: 22869
Ion Ratio Lower Upper
165 100
63 1.1 41.7 62.5#
89 1.1 65.8 98.8#
182 0.0 2.1 3.1#

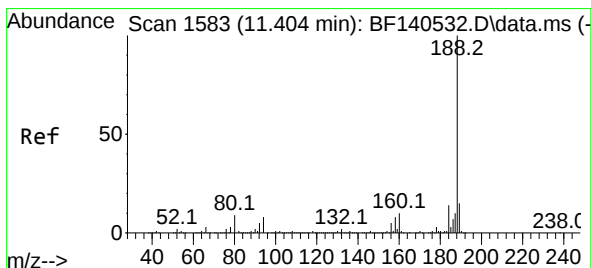
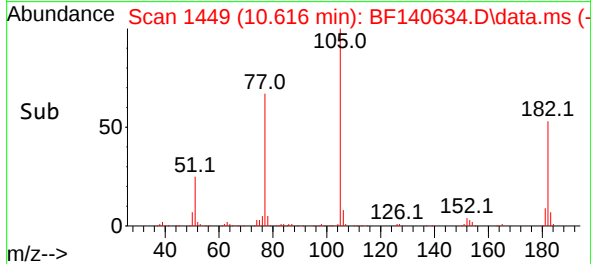
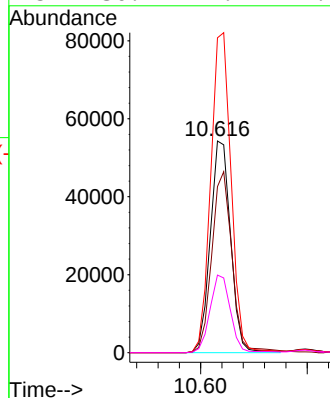
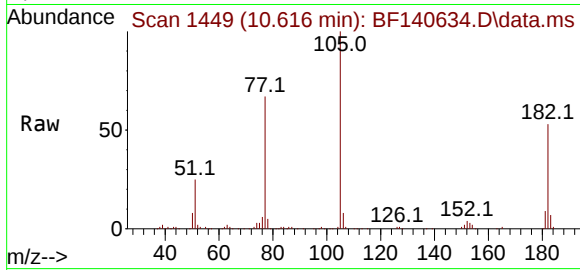




#63
Azobenzene
Concen: 6.316 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

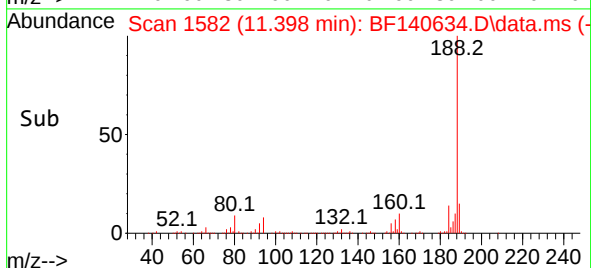
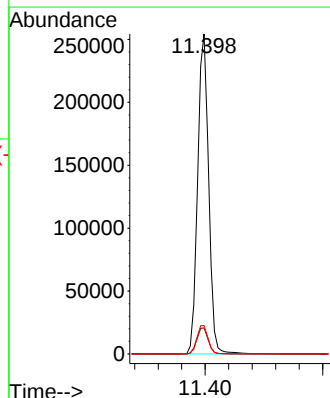
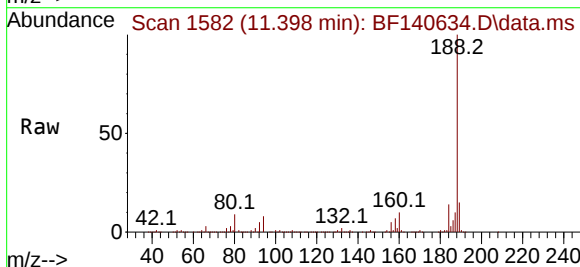
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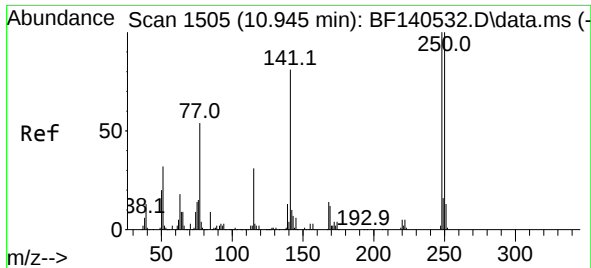
Tgt Ion: 77	Resp: 71952
Ion Ratio	Lower Upper
77 100	
182 78.5	5.3 45.3#
105 148.8	0.3 40.3#
51 36.7	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion: 188	Resp: 329307
Ion Ratio	Lower Upper
188 100	
94 8.1	6.4 9.6
80 8.9	6.9 10.3

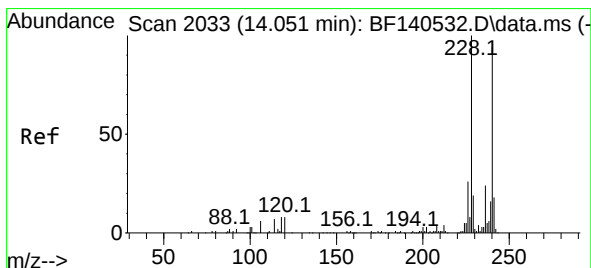
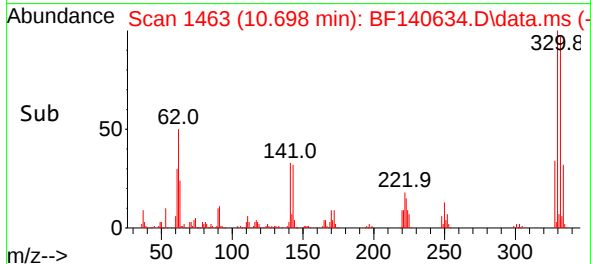
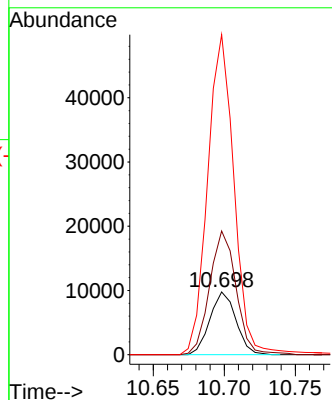
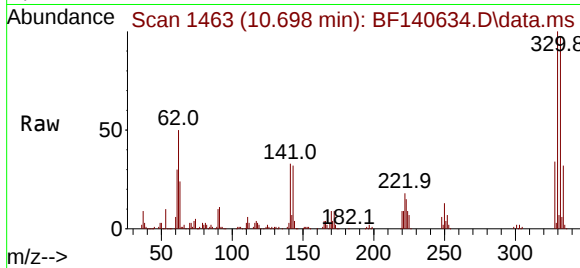




#67
4-Bromophenyl-phenylether
Concen: 3.675 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

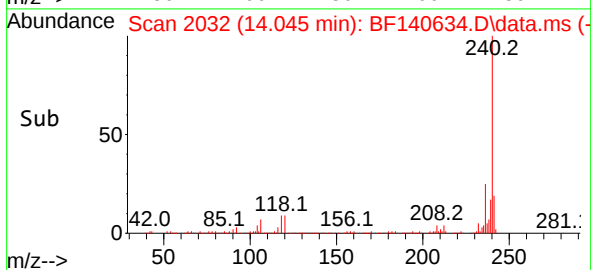
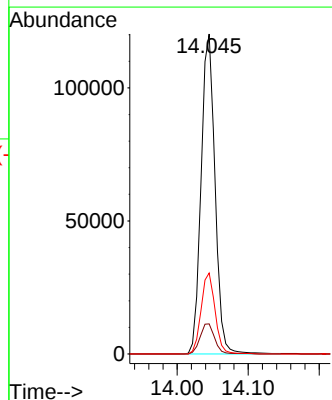
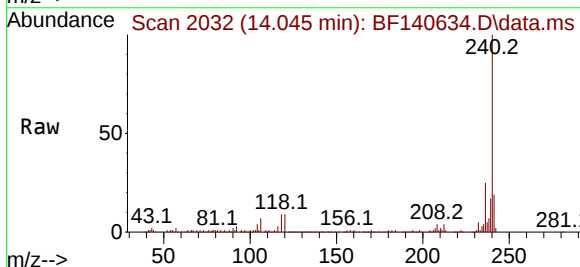
Instrument :
BNA_F
ClientSampleId :
SW2

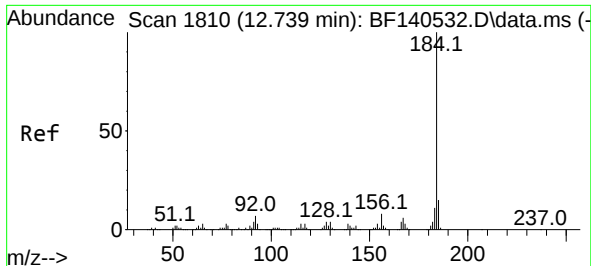
Tgt Ion:248 Resp: 12464
Ion Ratio Lower Upper
248 100
250 197.1 79.8 119.8#
141 509.9 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion:240 Resp: 164232
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.3 20.6 31.0

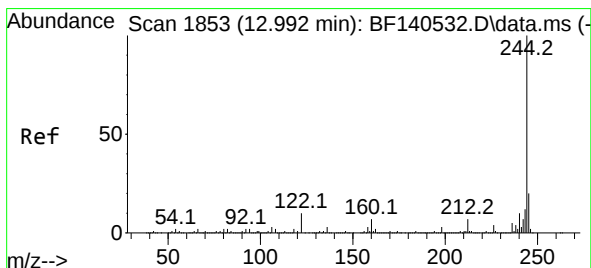
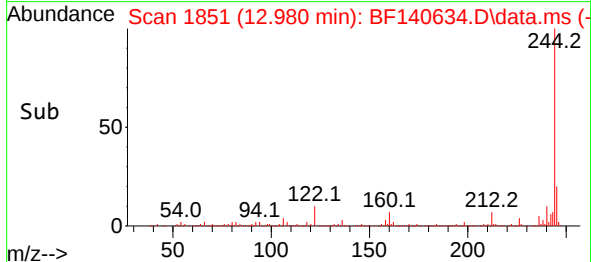
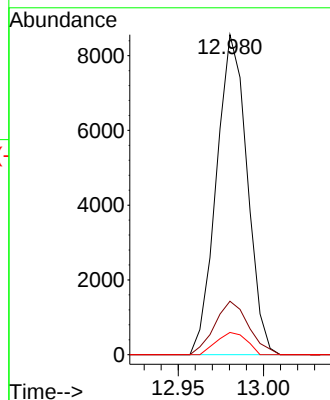
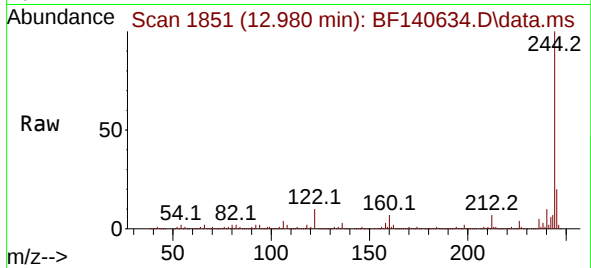




#77
Benzidine
Concen: 2.245 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

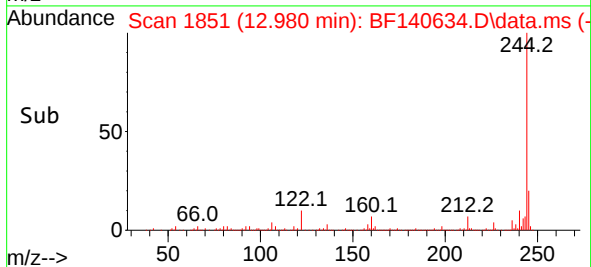
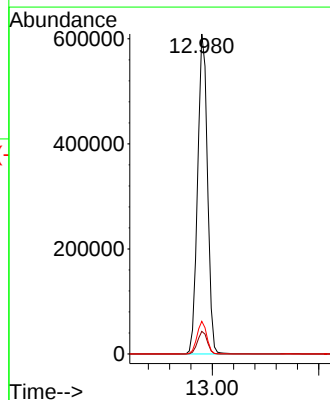
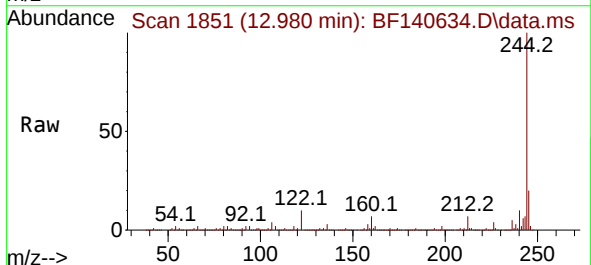
Instrument :
BNA_F
ClientSampleId :
SW2

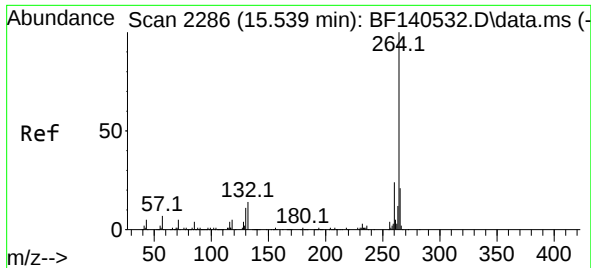
Tgt Ion:184 Resp: 10720
Ion Ratio Lower Upper
184 100
185 16.7 11.7 17.5
183 6.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 74.396 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140634.D
Acq: 26 Nov 2024 11:52

Tgt Ion:244 Resp: 784665
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.2 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: BF140634.D
Acq: 26 Nov 2024 11:52

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion:264 Resp: 173350

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.9	16.6	25.0

