

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140011.D
 Acq On : 24 Oct 2024 20:08
 Operator : RC/JU
 Sample : P4471-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB01

Quant Time: Oct 25 01:09:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

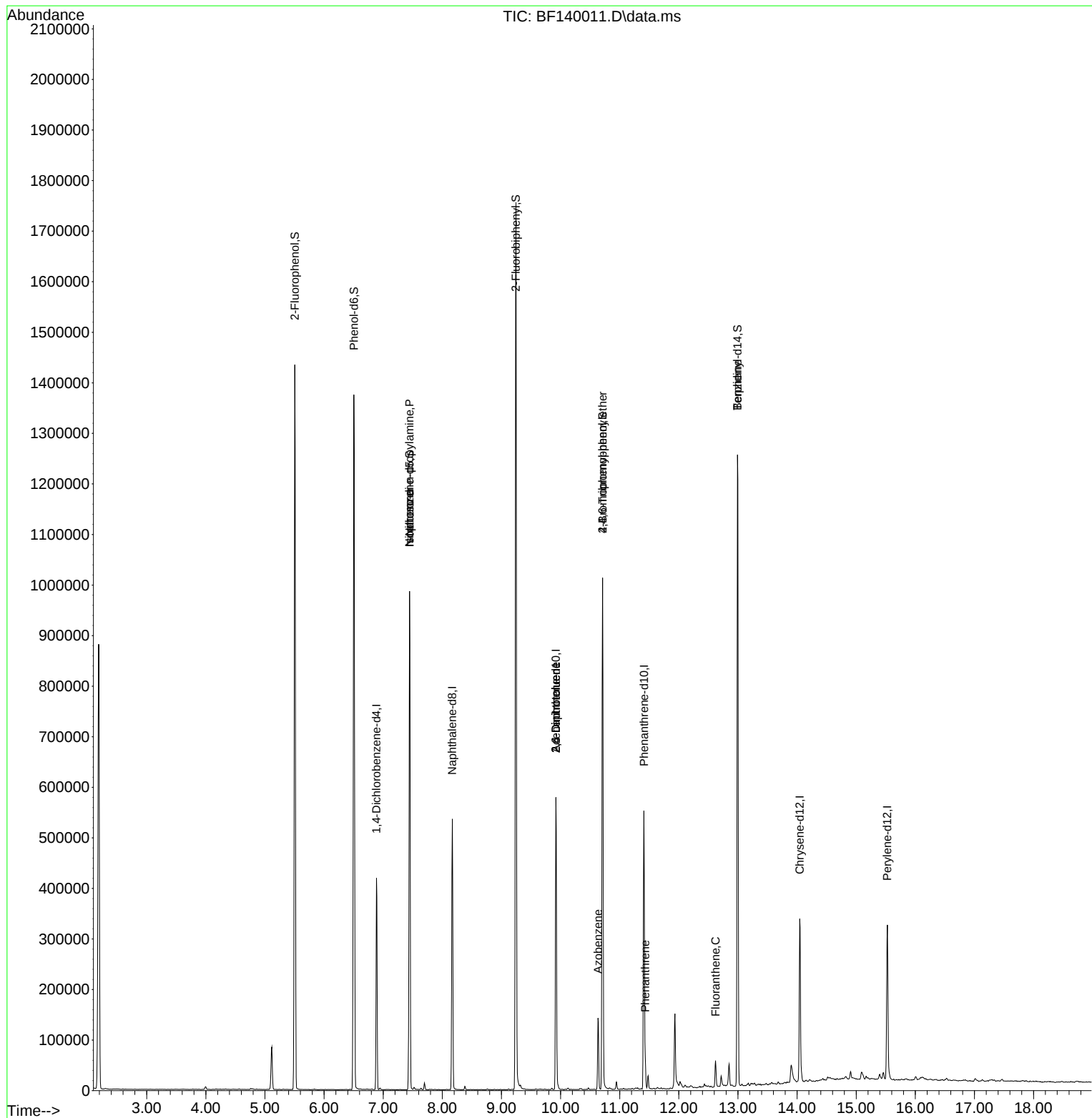
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	82696	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	315895	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	171301	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	285460	20.000	ng	0.00
76) Chrysene-d12	14.045	240	149838	20.000	ng	0.00
86) Perylene-d12	15.527	264	184288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	513131	97.139	ng	0.00
7) Phenol-d6	6.504	99	639567	93.482	ng	0.00
23) Nitrobenzene-d5	7.445	82	431803	75.760	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	165875	103.523	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	780599	75.312	ng	0.00
79) Terphenyl-d14	12.992	244	626830	68.167	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	59663	14.379	ng	# 77
25) Isophorone	7.445	82	429472	39.700	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	21809	9.440	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	21809	7.676	ng	# 21
63) Azobenzene	10.633	77	37100	3.340	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	11049	3.757	ng	# 1
71) Phenanthrene	11.433	178	29353	2.177	ng	99
75) Fluoranthene	12.621	202	28237	2.071	ng	97
77) Benzidine	12.992	184	8330	3.381	ng	# 93

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

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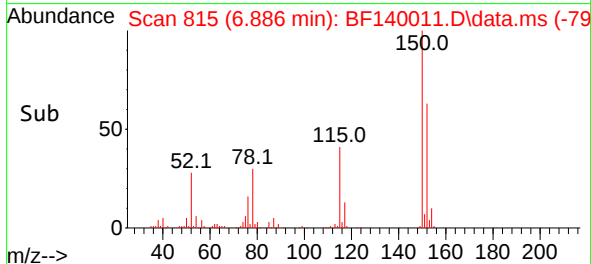
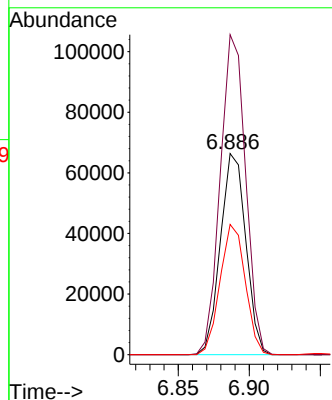
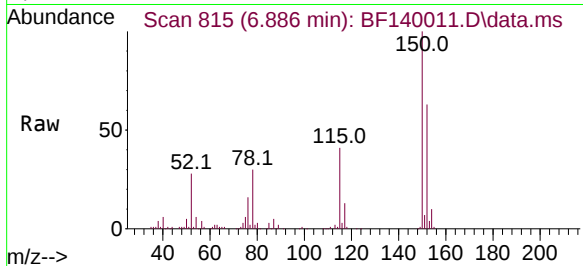




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

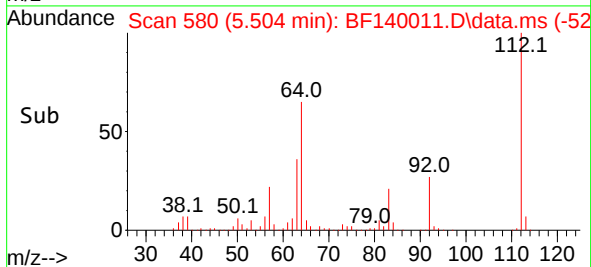
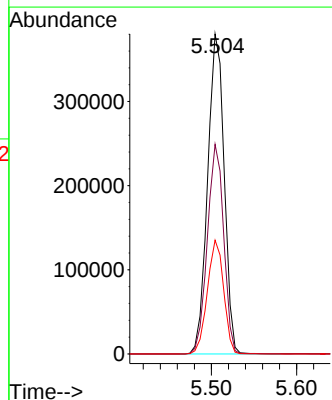
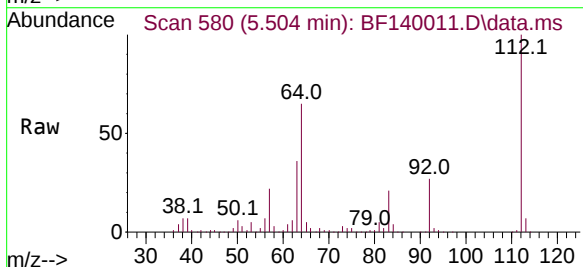
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

Tgt Ion:152 Resp: 82696
Ion Ratio Lower Upper
152 100
150 159.1 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 97.139 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:112 Resp: 513131
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 35.5 27.0 40.4

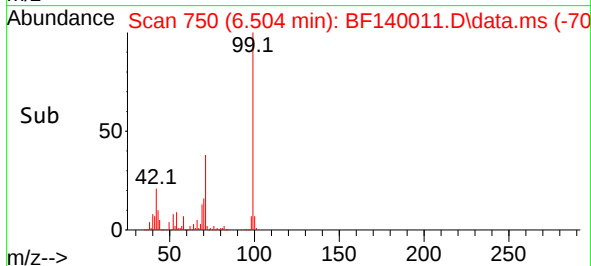
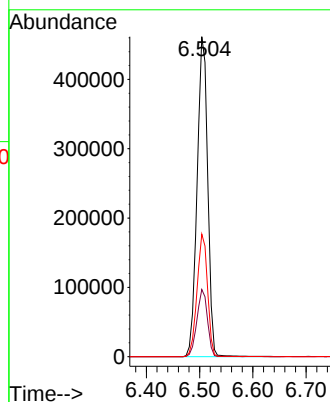
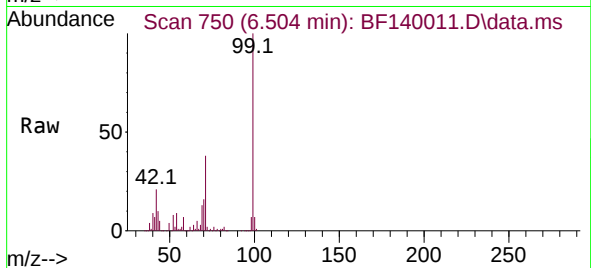




#7
Phenol-d6
Concen: 93.482 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

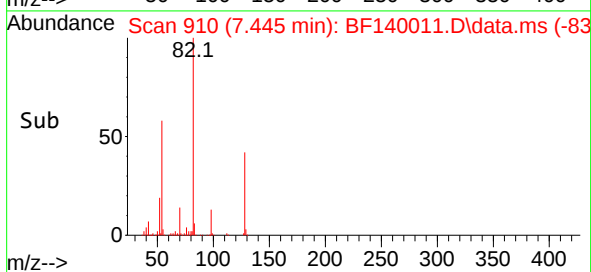
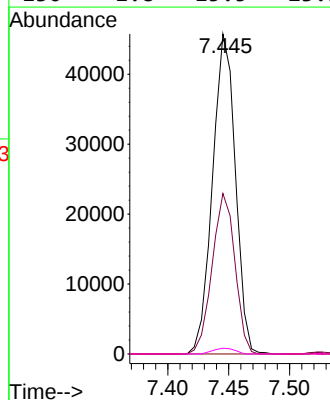
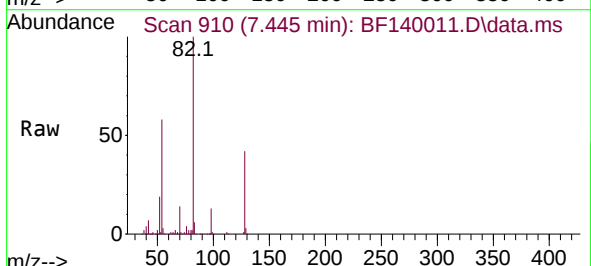
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

Tgt Ion: 99 Resp: 639567
Ion Ratio Lower Upper
99 100
42 21.0 16.7 25.1
71 38.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.379 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion: 70 Resp: 59663
Ion Ratio Lower Upper
70 100
42 50.1 51.5 77.3#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



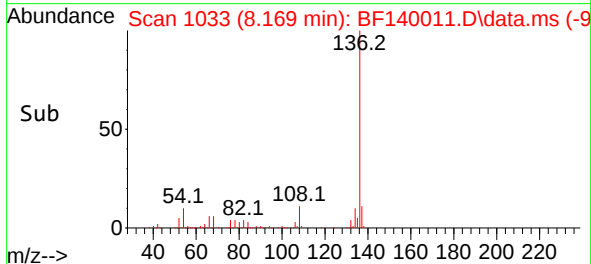
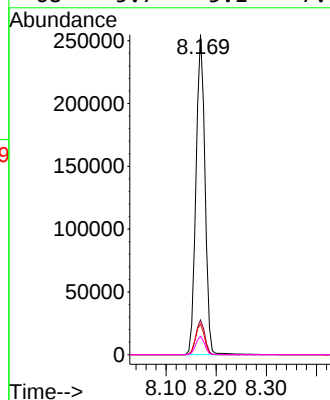
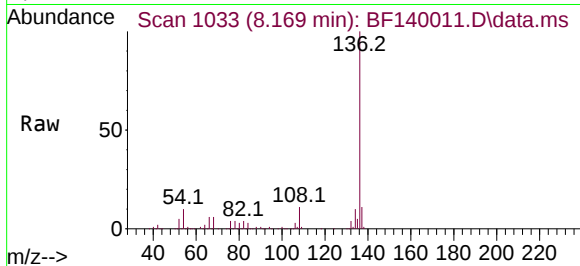


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Instrument :
BNA_F
ClientSampleId :
B-180-SB01

Tgt Ion:136 Resp: 315895

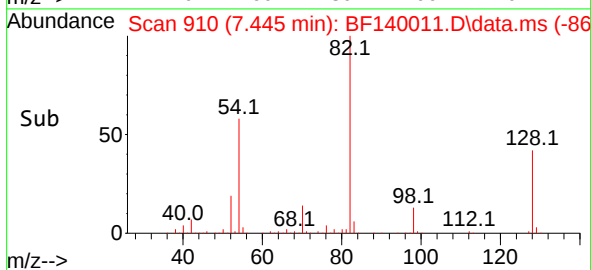
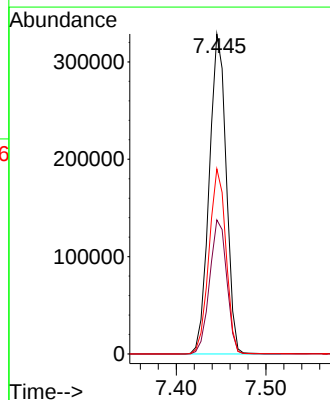
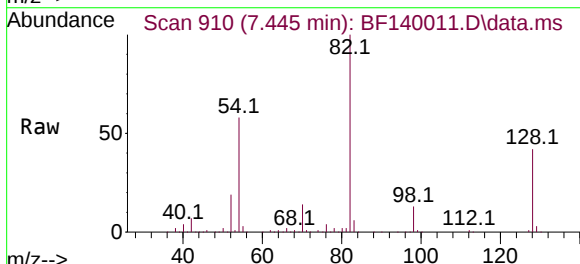
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.6	8.4	12.6
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 75.760 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion: 82 Resp: 431803

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	57.9	47.8	71.8

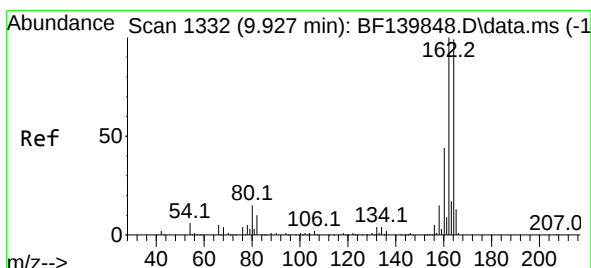
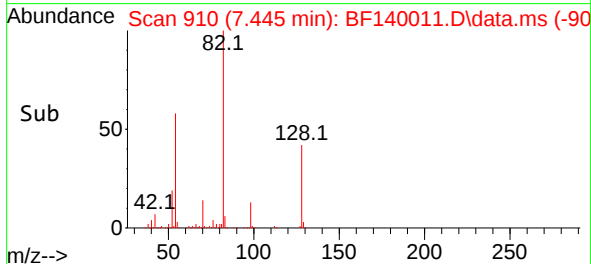
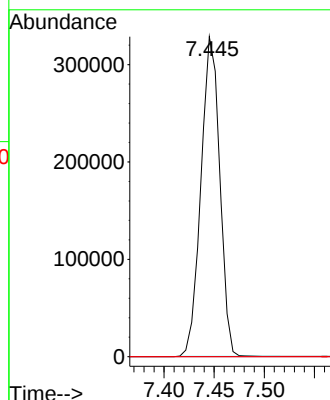
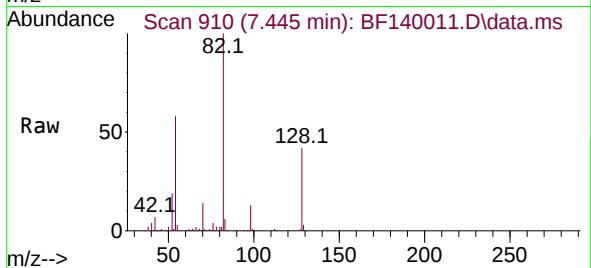




#25
Isophorone
Concen: 39.700 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

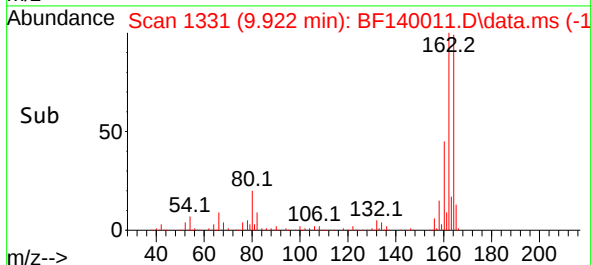
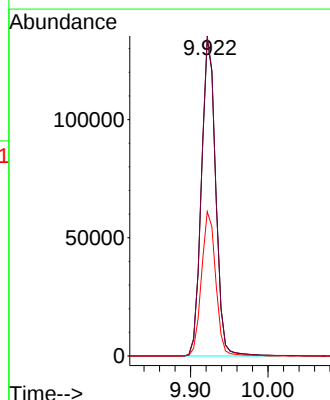
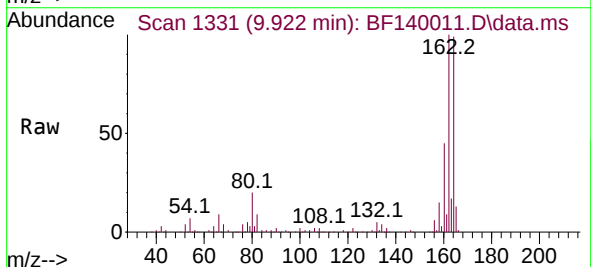
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

Tgt Ion: 82 Resp: 429472
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

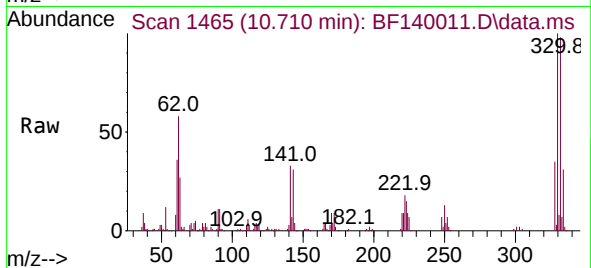
Tgt Ion: 164 Resp: 171301
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 45.5 35.4 53.0



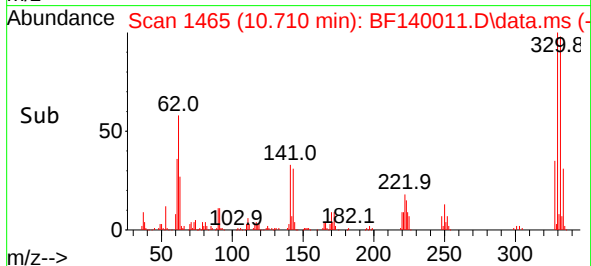
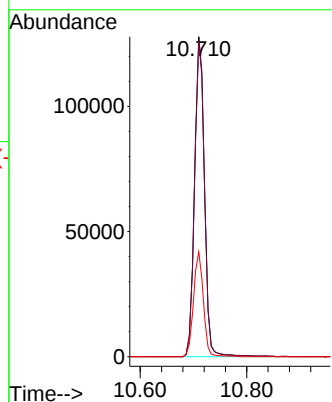


#42
2,4,6-Tribromophenol
Concen: 103.523 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Instrument :
BNA_F
ClientSampleId :
B-180-SB01

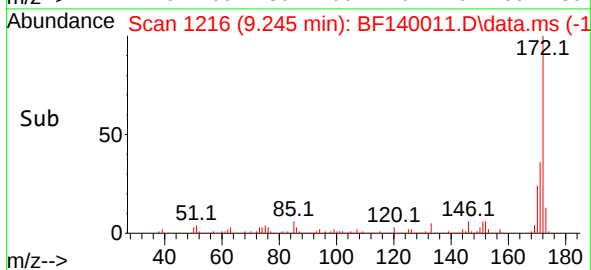
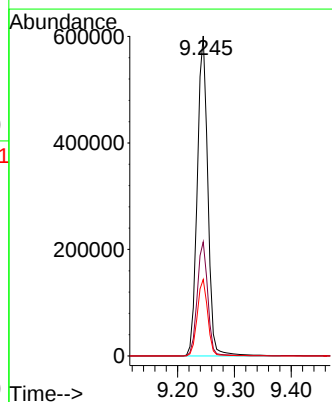
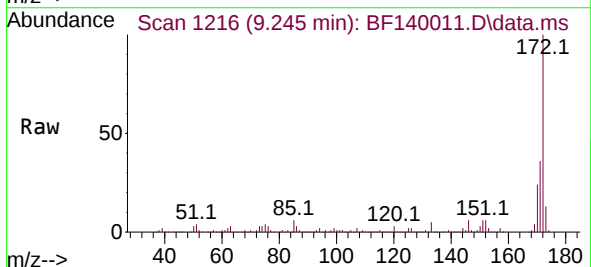


Tgt Ion:330 Resp: 165875
Ion Ratio Lower Upper
330 100
332 98.5 78.1 117.1
141 32.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 75.312 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:172 Resp: 780599
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.1 28.7

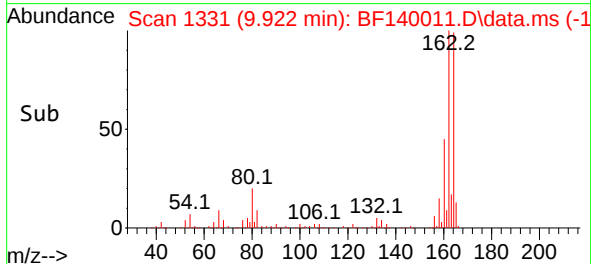
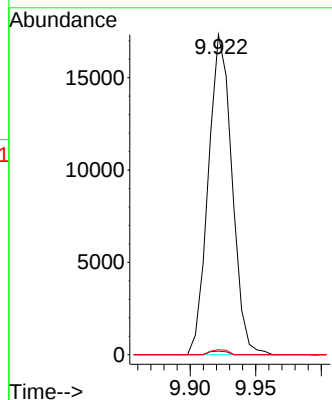
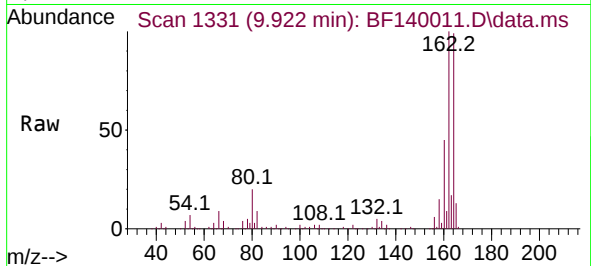




#51
2,6-Dinitrotoluene
Concen: 9.440 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

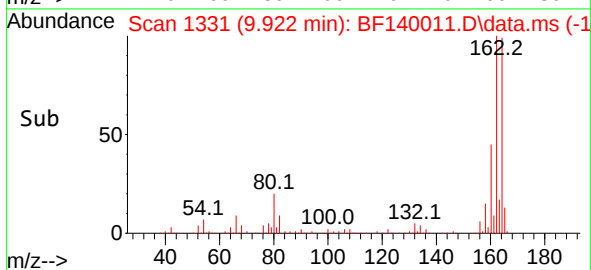
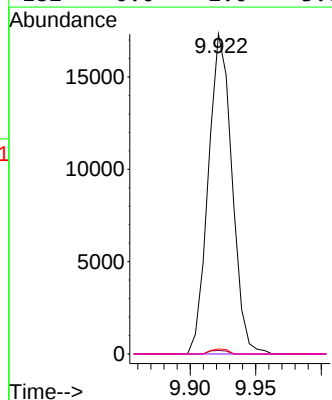
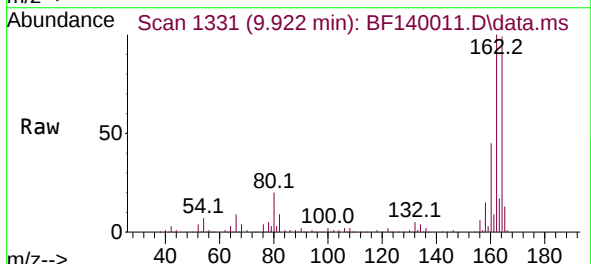
Instrument :
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B-180-SB01

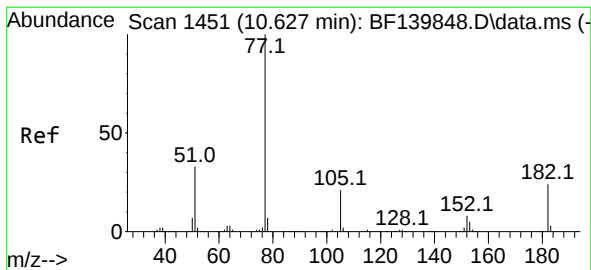
Tgt Ion:165 Resp: 21809
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.5 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.676 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:165 Resp: 21809
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.5 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.340 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140011.D

Acq: 24 Oct 2024 20:08

Instrument :

BNA_F

ClientSampleId :

B-180-SB01

Tgt Ion: 77 Resp: 37100

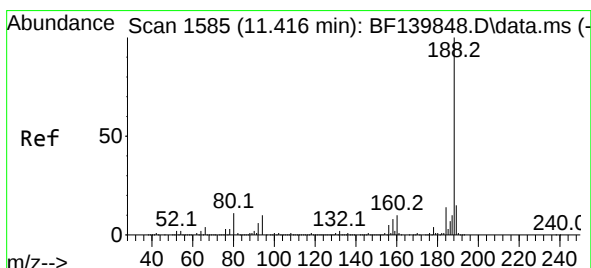
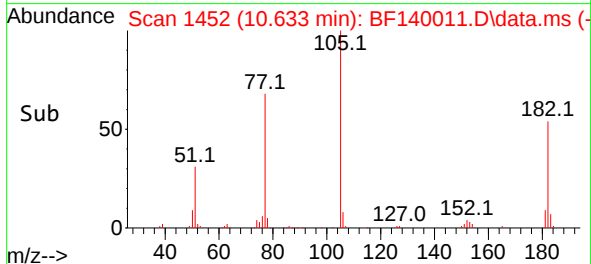
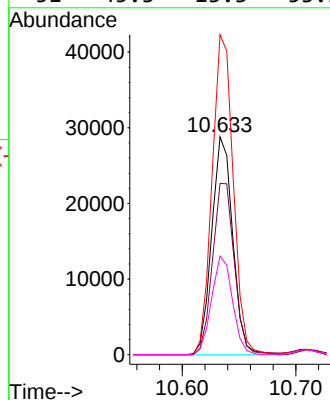
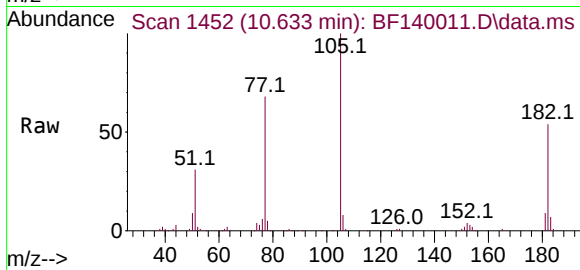
Ion Ratio Lower Upper

77 100

182 78.7 3.3 43.3#

105 147.0 1.2 41.2#

51 45.3 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140011.D

Acq: 24 Oct 2024 20:08

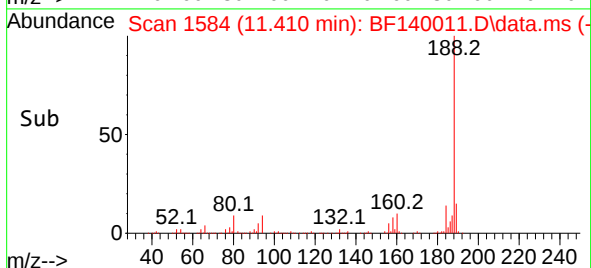
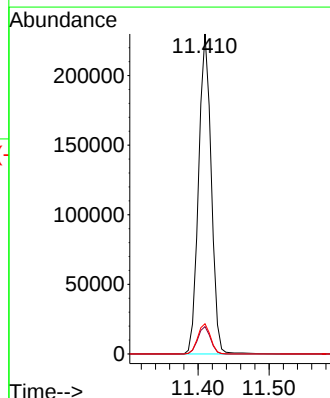
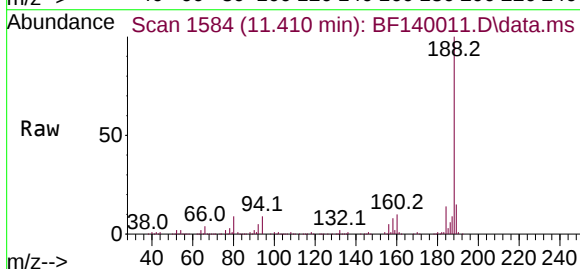
Tgt Ion:188 Resp: 285460

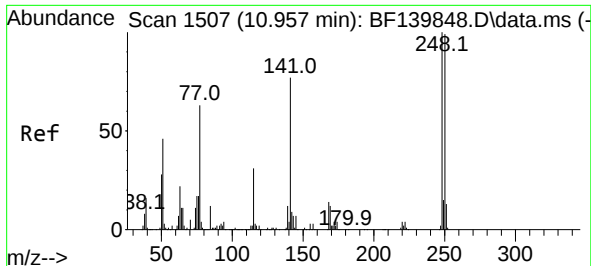
Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

80 9.5 9.0 13.4

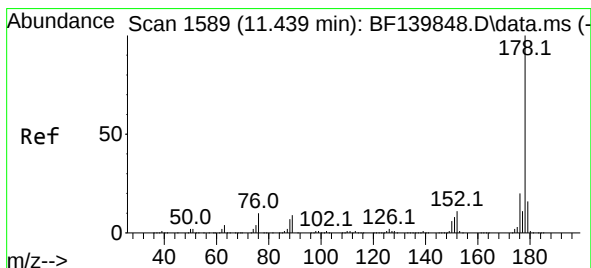
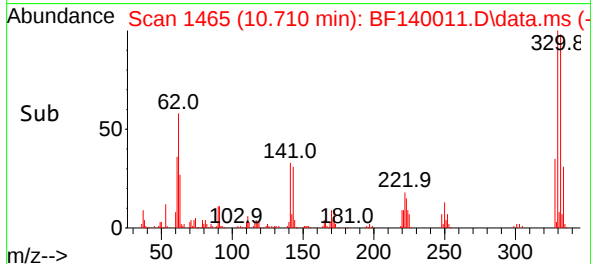
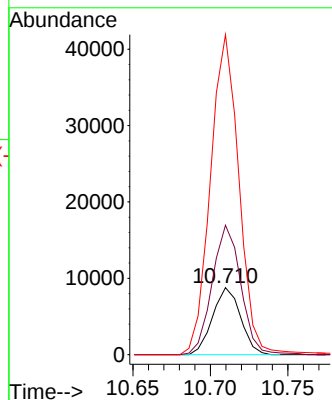
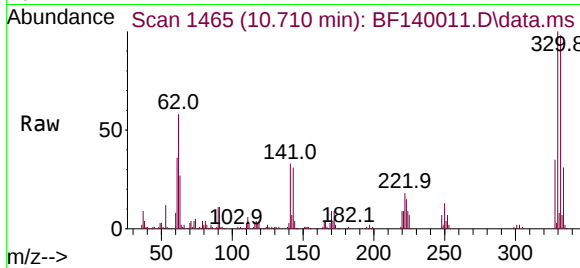




#67
4-Bromophenyl-phenylether
Concen: 3.757 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

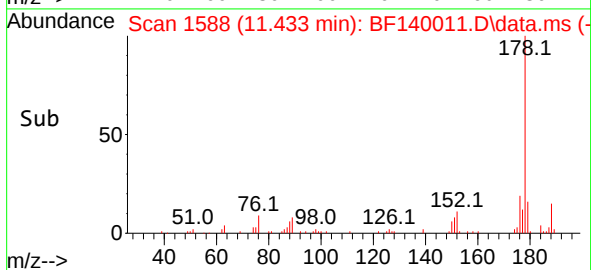
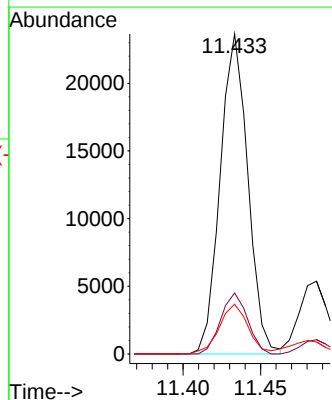
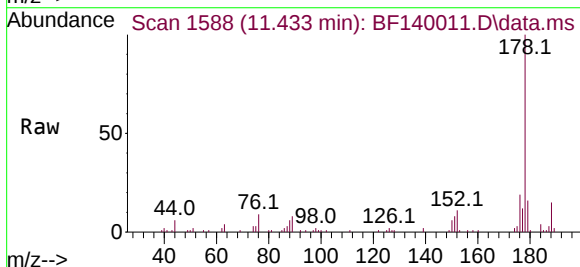
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

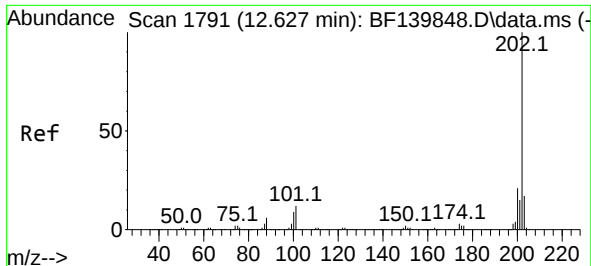
Tgt Ion:248 Resp: 11049
Ion Ratio Lower Upper
248 100
250 192.9 79.0 118.6#
141 477.2 61.7 92.5#



#71
Phenanthrene
Concen: 2.177 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:178 Resp: 29353
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.5 12.6 18.8

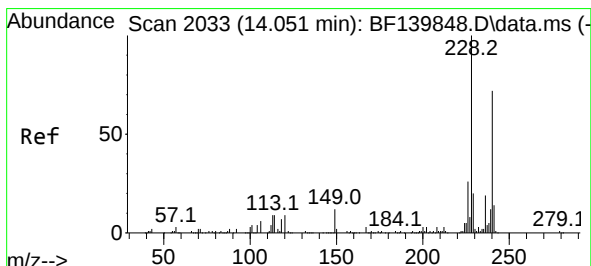
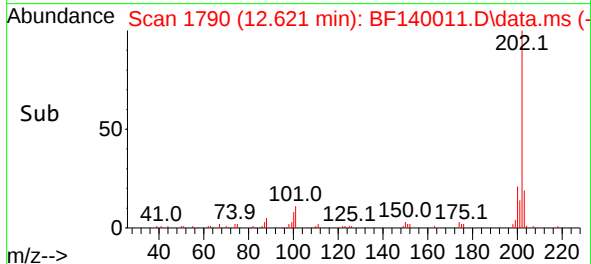
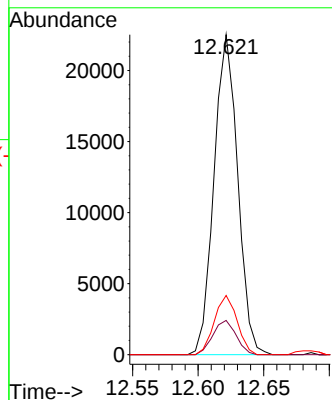
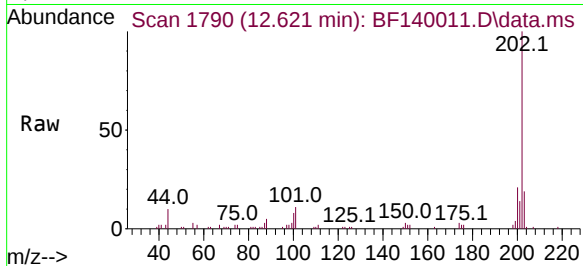




#75
Fluoranthene
Concen: 2.071 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

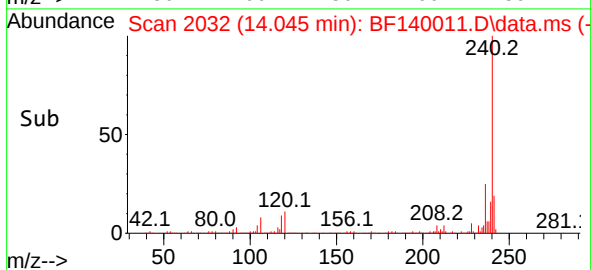
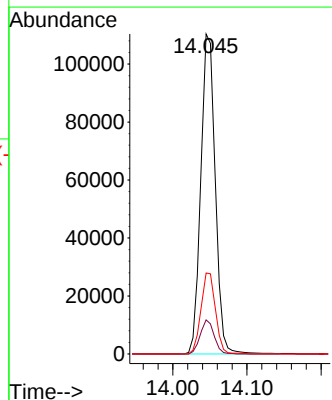
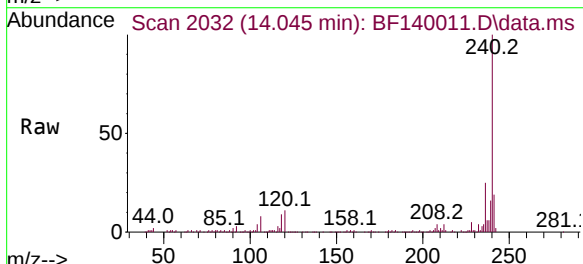
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

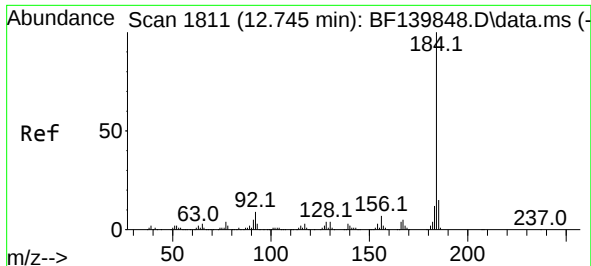
Tgt Ion:	202	Resp:	28237
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.9
203	18.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

Tgt Ion:	240	Resp:	149838
Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.4	14.2
236	25.3	20.9	31.3

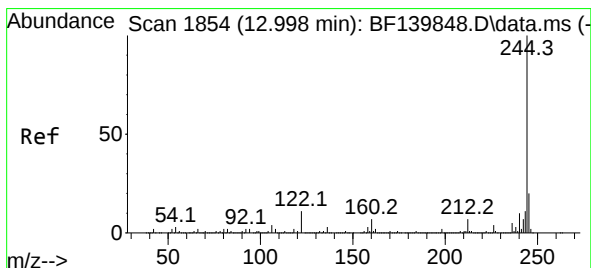
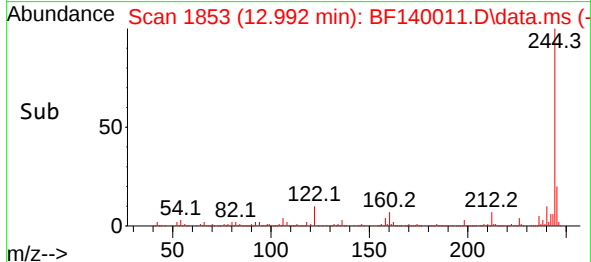
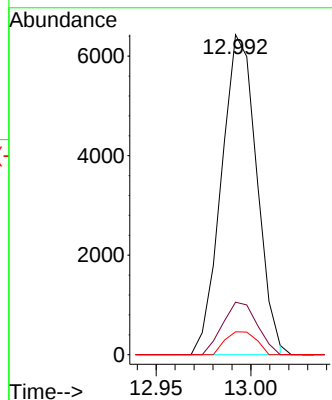
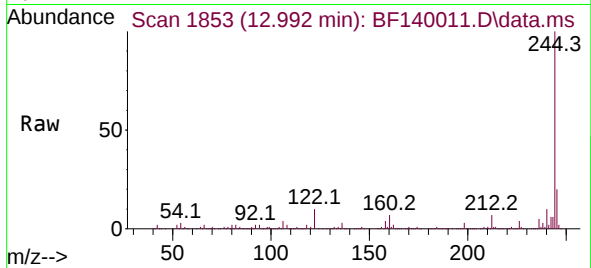




#77
Benzidine
Concen: 3.381 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

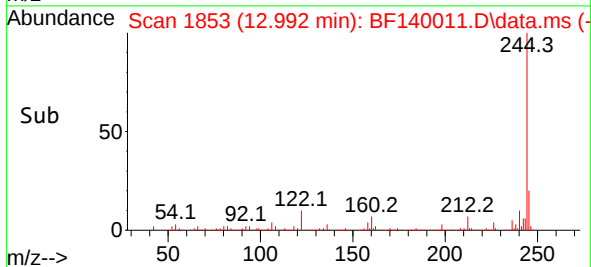
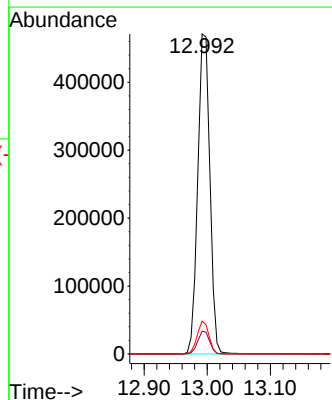
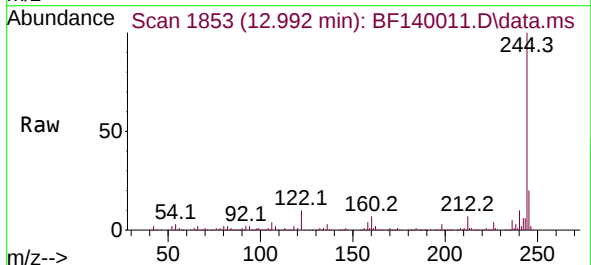
Instrument :
BNA_F
ClientSampleId :
B-180-SB01

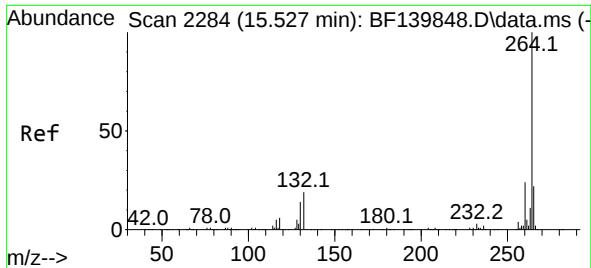
Tgt Ion:184 Resp: 8330
Ion Ratio Lower Upper
184 100
185 16.4 12.0 18.0
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 68.167 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140011.D
Acq: 24 Oct 2024 20:08

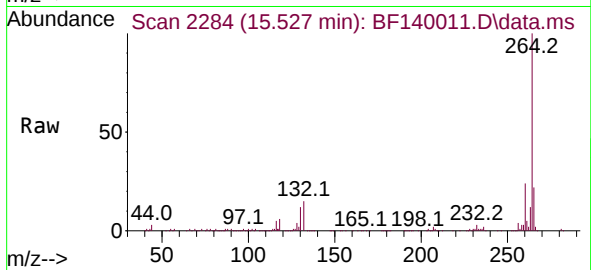
Tgt Ion:244 Resp: 626830
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.2 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140011.D
 Acq: 24 Oct 2024 20:08

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB01



Tgt Ion:264 Resp: 184288
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.7 17.4 26.0

