

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124267.D
 Acq On : 11 Jun 2021 18:33
 Operator : JU/CG
 Sample : M2625-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(146-150)

Quant Time: Jun 11 23:46:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

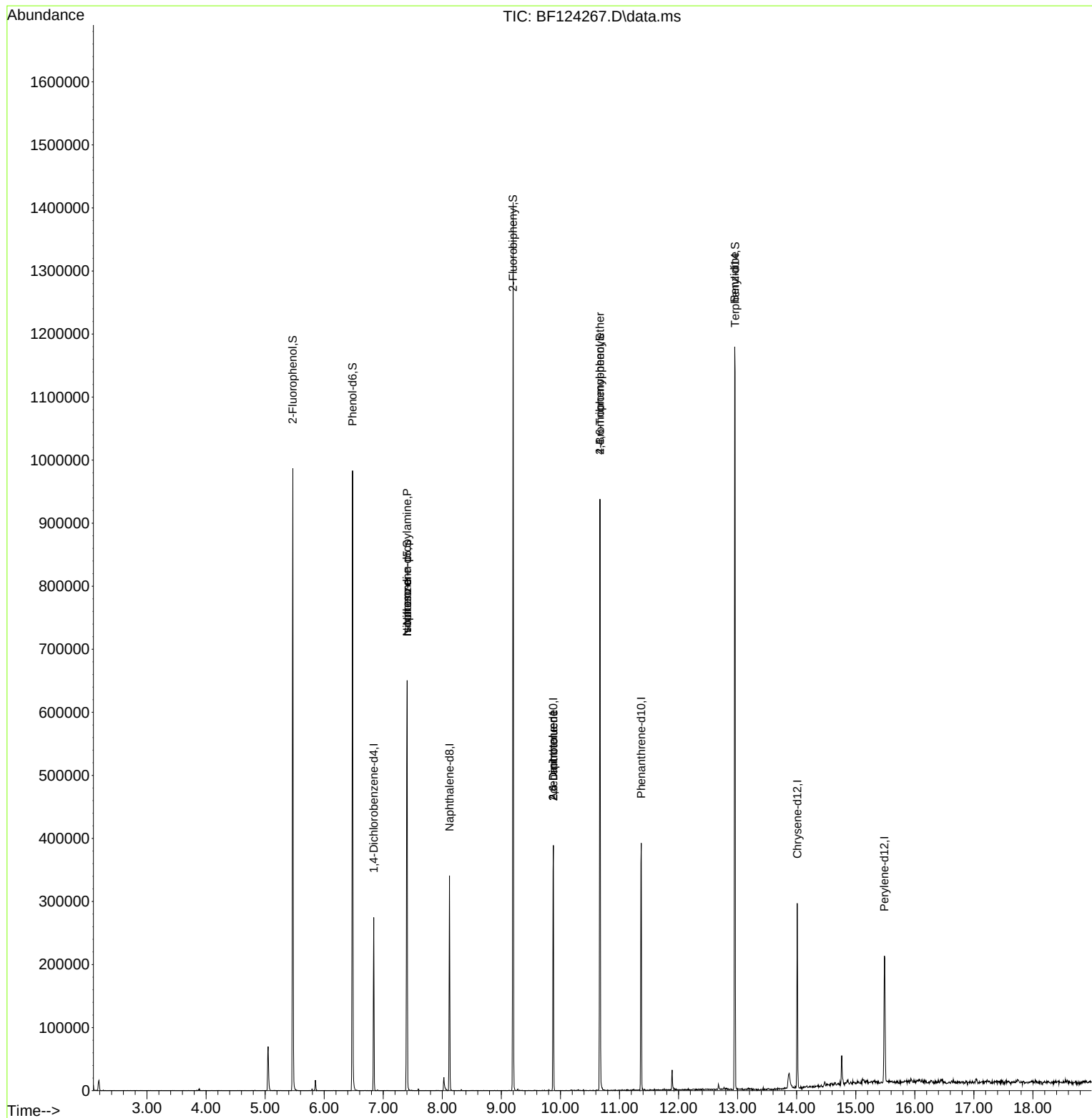
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	32848	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	123080	20.00	ng	-0.01
39) Acenaphthene-d10	9.881	164	73049	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	138603	20.00	ng	0.00
76) Chrysene-d12	14.010	240	85990	20.00	ng	-0.01
86) Perylene-d12	15.486	264	87868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	194871	89.30	ng	-0.01
7) Phenol-d6	6.481	99	247440	84.36	ng	-0.02
23) Nitrobenzene-d5	7.404	82	185734	59.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	94080	90.90	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	350131	60.31	ng	-0.01
79) Terphenyl-d14	12.957	244	378559	60.44	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	27262	13.17	ng	# 65
25) Isophorone	7.404	82	185731	33.21	ng	# 69
51) 2,6-Dinitrotoluene	9.881	165	8703	6.28	ng	# 12
57) 2,4-Dinitrotoluene	9.881	165	8703	4.76	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	5996	3.15	ng	# 1
77) Benzidine	12.951	184	6460	7.01	ng	# 86

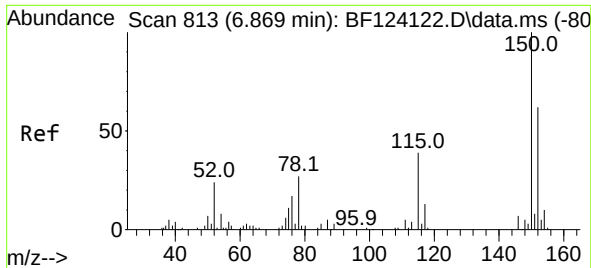
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
Data File : BF124267.D
Acq On : 11 Jun 2021 18:33
Operator : JU/CG
Sample : M2625-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

Quant Time: Jun 11 23:46:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

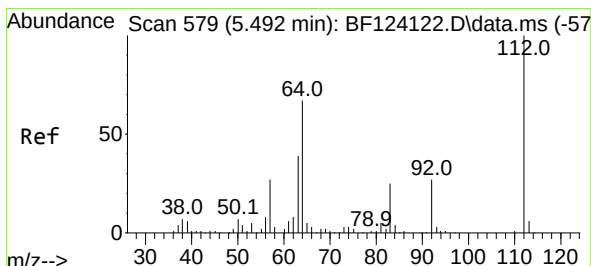
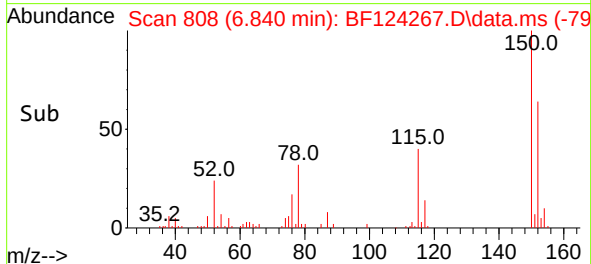
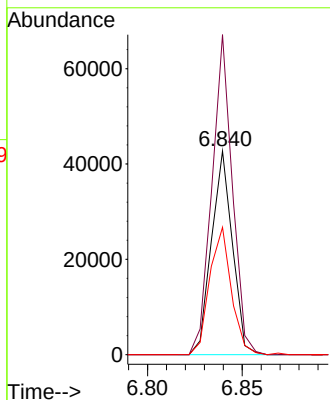
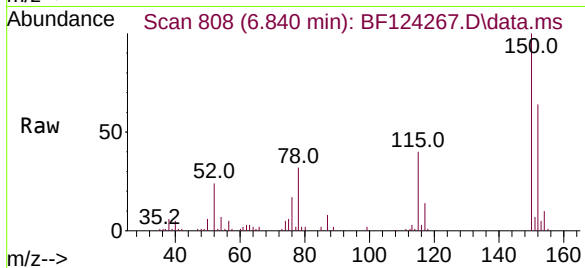




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

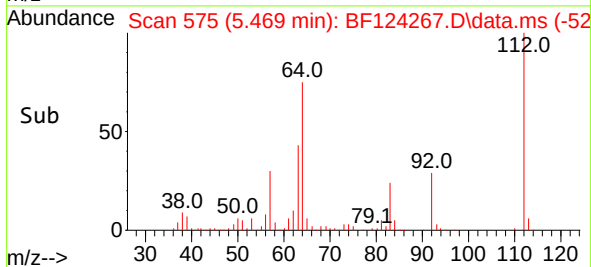
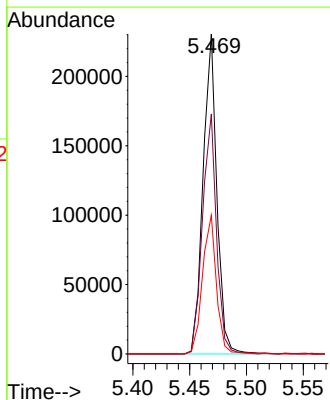
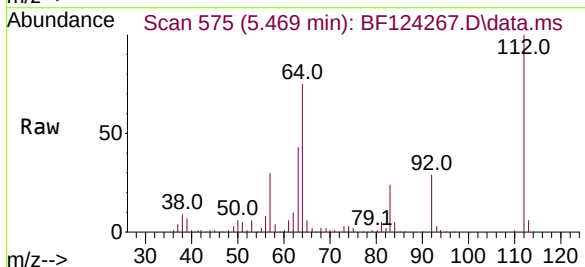
Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

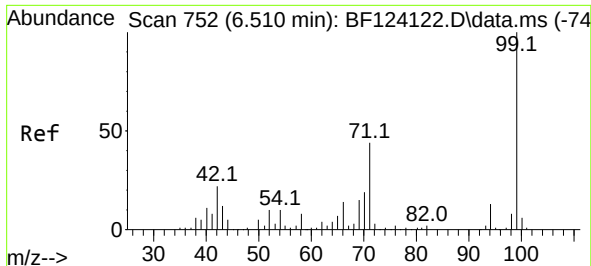
Tgt Ion:152 Resp: 32848
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.6
115 62.5 54.3 81.5



#5
2-Fluorophenol
Concen: 89.30 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

Tgt Ion:112 Resp: 194871
Ion Ratio Lower Upper
112 100
64 75.0 61.4 92.0
63 43.3 33.0 49.4

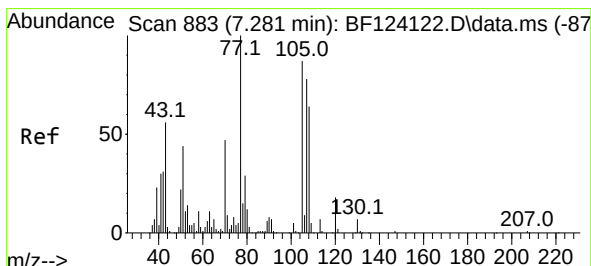
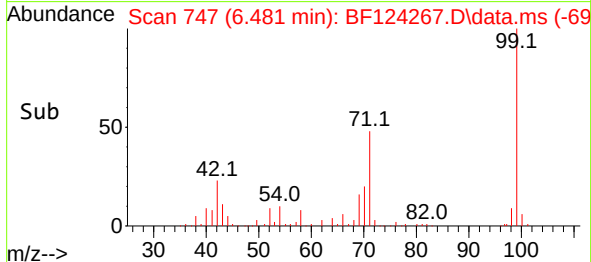
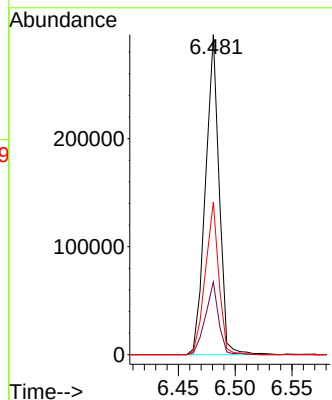
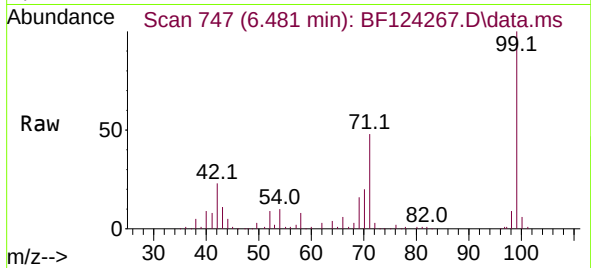




#7
Phenol-d6
Concen: 84.36 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.017 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

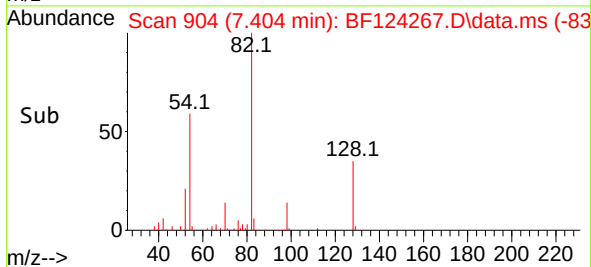
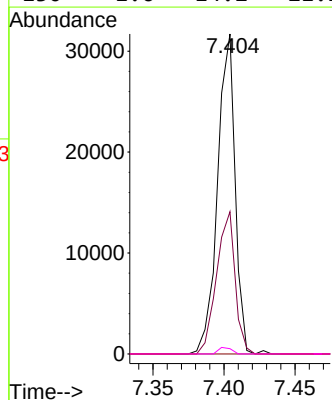
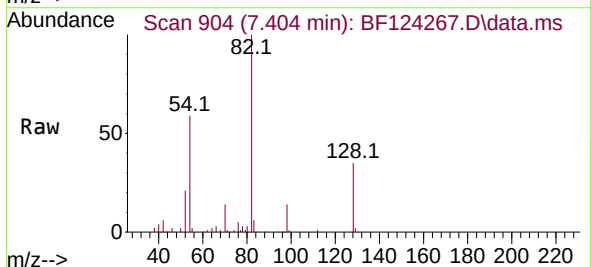
Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

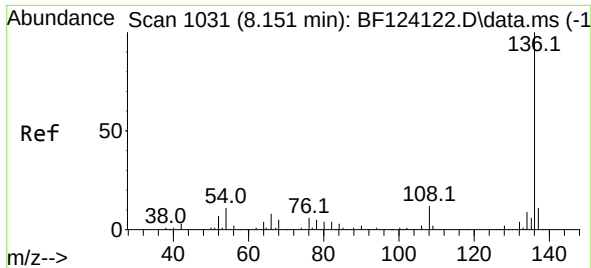
Tgt Ion: 99 Resp: 247440
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 47.6 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 13.17 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.136 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

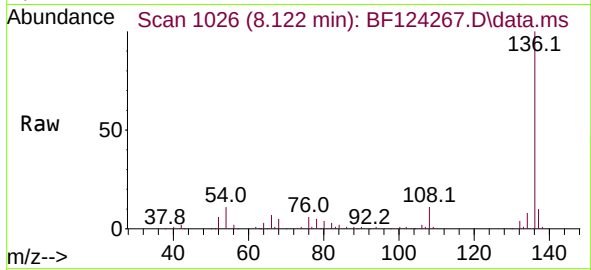
Tgt Ion: 70 Resp: 27262
Ion Ratio Lower Upper
70 100
42 44.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



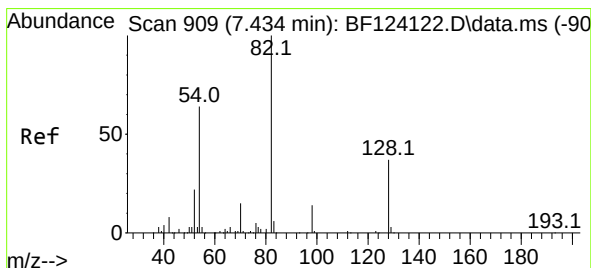
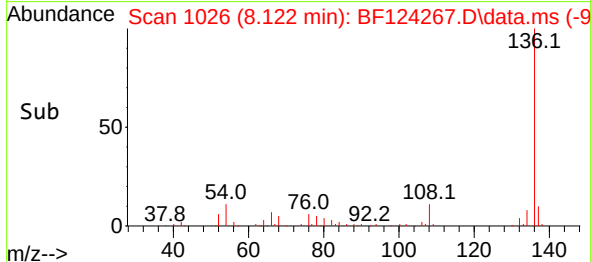
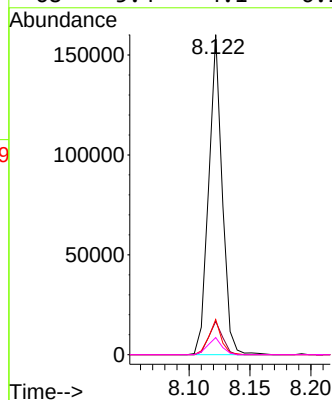


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

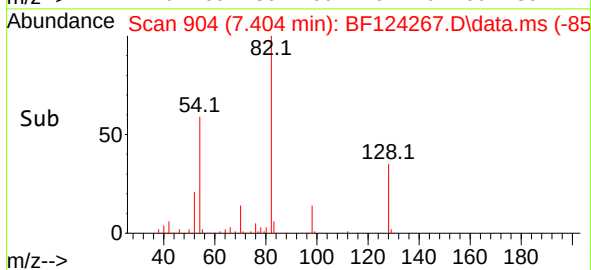
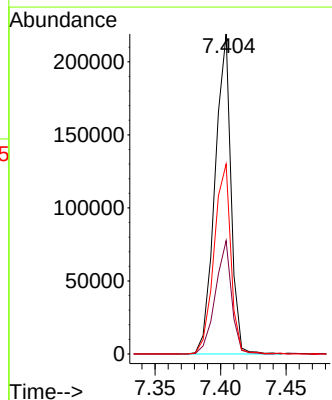
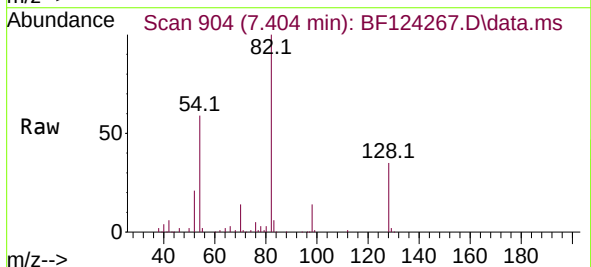


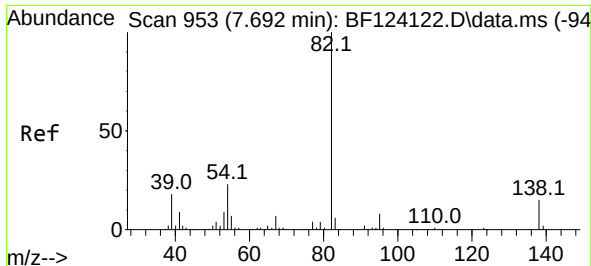
Tgt Ion:136	Resp:	123080
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	11.0	9.8 14.6
68	5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 59.85 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

Tgt Ion: 82	Resp:	185734
Ion Ratio	Lower	Upper
82	100	
128	35.4	29.4 44.2
54	59.3	54.1 81.1

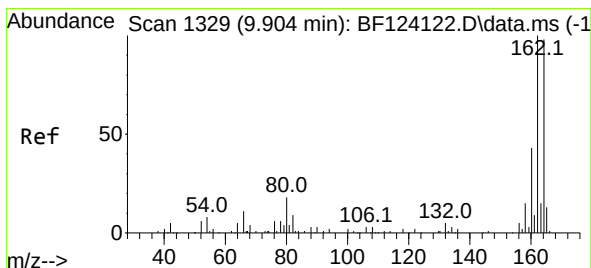
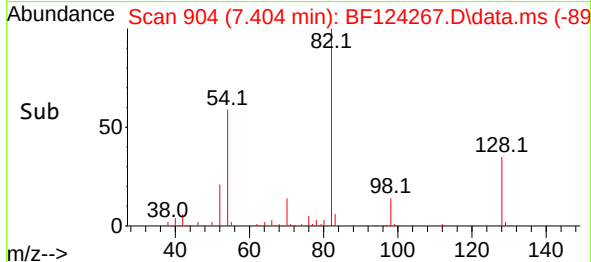
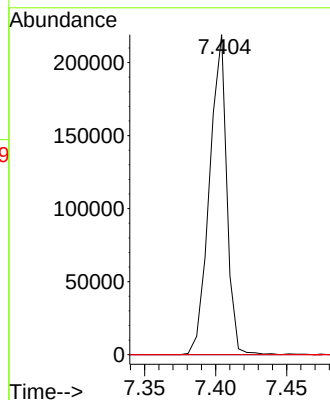
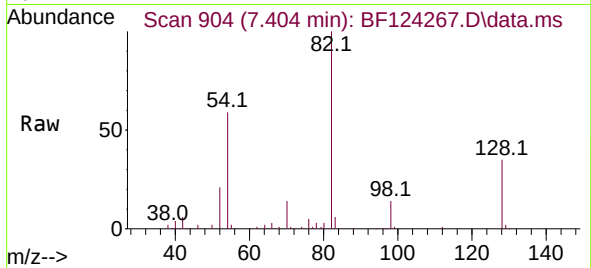




#25
Isophorone
Concen: 33.21 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

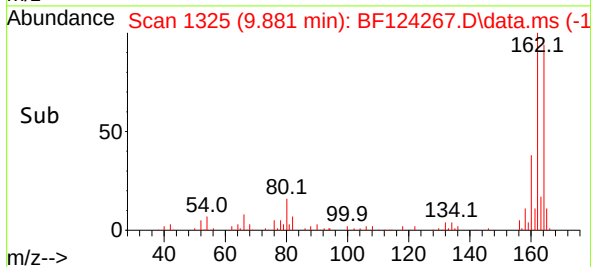
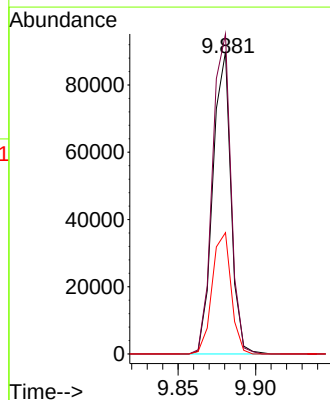
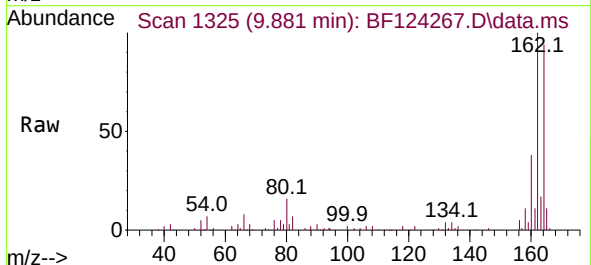
Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

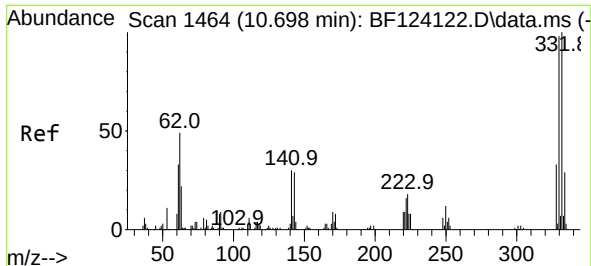
Tgt Ion: 82 Resp: 185731
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

Tgt Ion: 164 Resp: 73049
Ion Ratio Lower Upper
164 100
162 105.9 80.7 121.1
160 40.1 37.3 55.9

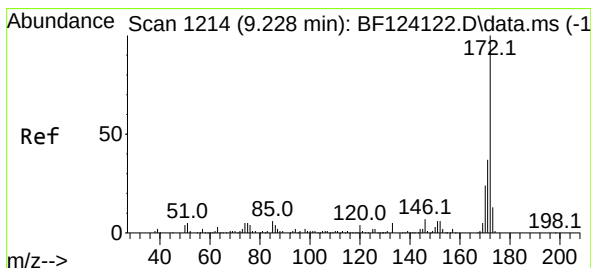
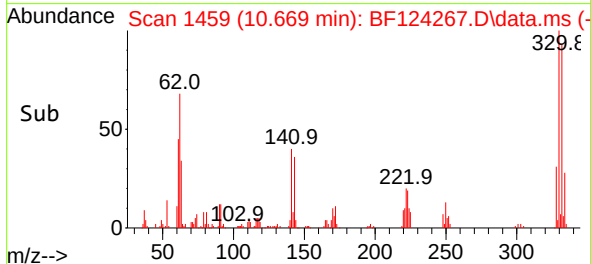
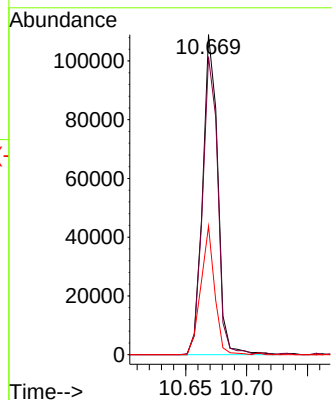
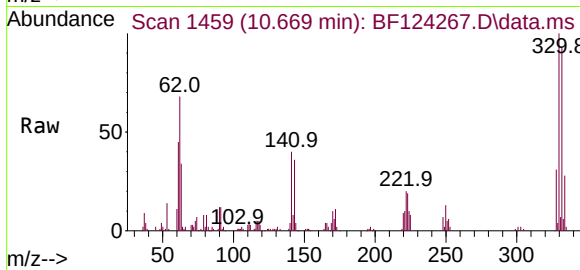




#42
2,4,6-Tribromophenol
Concen: 90.90 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

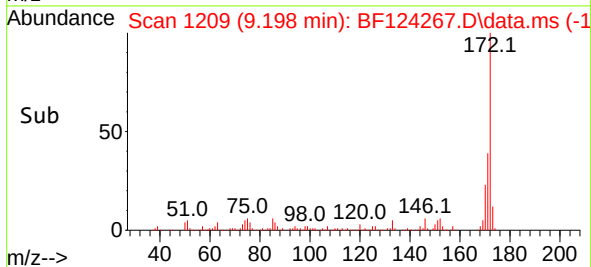
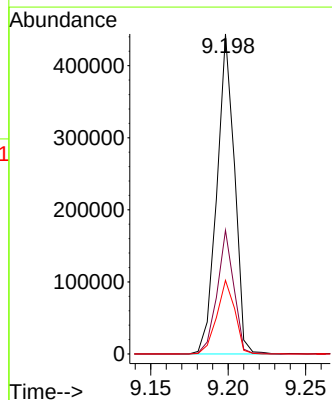
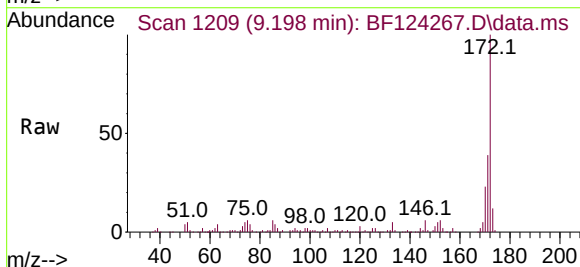
Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

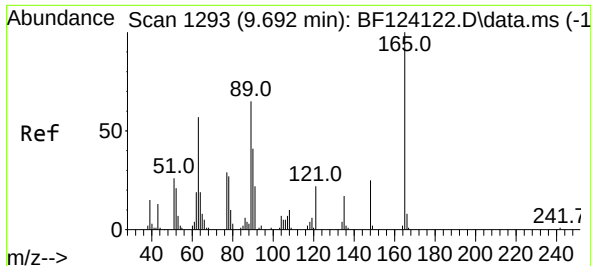
Tgt Ion:330 Resp: 94080
Ion Ratio Lower Upper
330 100
332 93.9 77.1 115.7
141 36.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 60.31 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

Tgt Ion:172 Resp: 350131
Ion Ratio Lower Upper
172 100
171 38.7 28.1 42.1
170 23.0 19.2 28.8

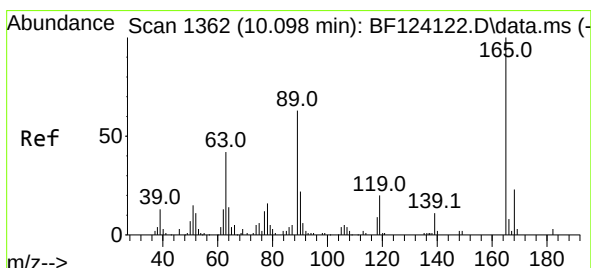
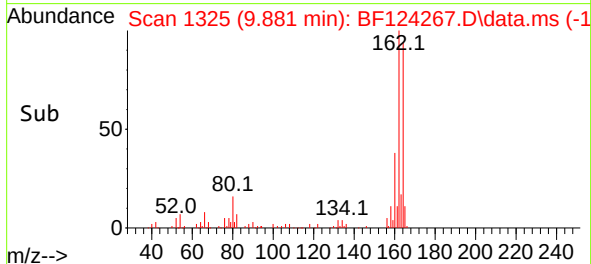
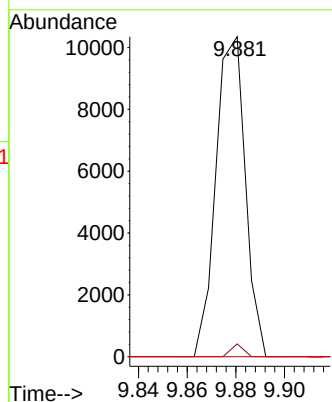
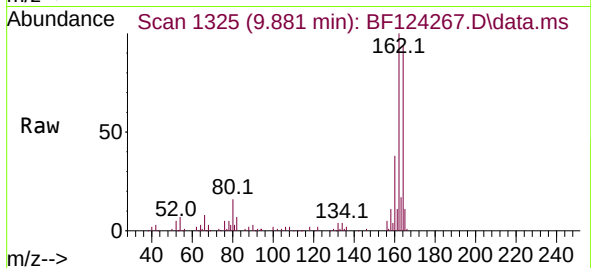




#51
2,6-Dinitrotoluene
Concen: 6.28 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

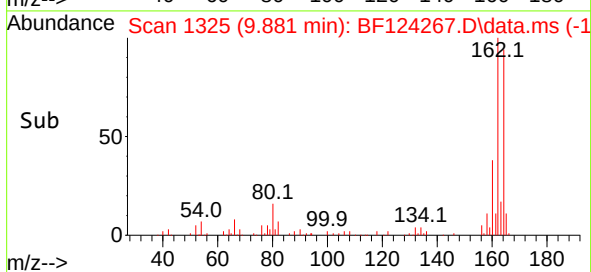
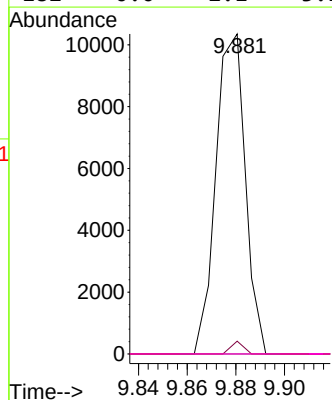
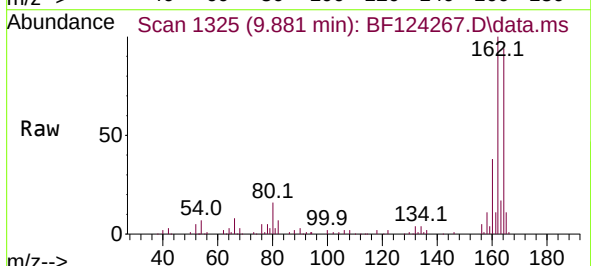
Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

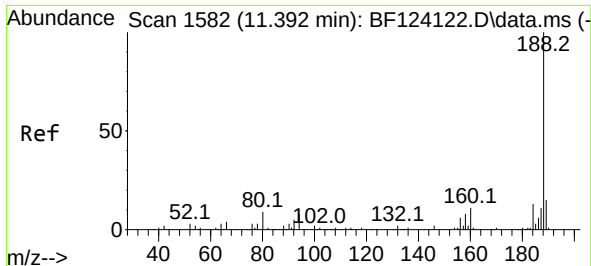
Tgt Ion:165 Resp: 8703
Ion Ratio Lower Upper
165 100
63 4.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.76 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

Tgt Ion:165 Resp: 8703
Ion Ratio Lower Upper
165 100
63 4.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

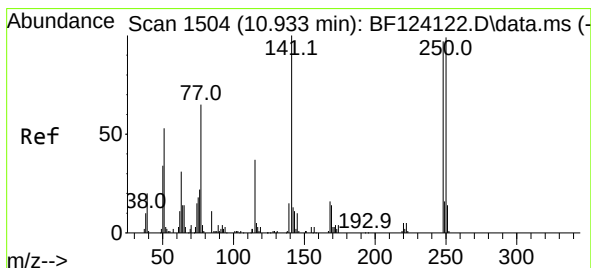
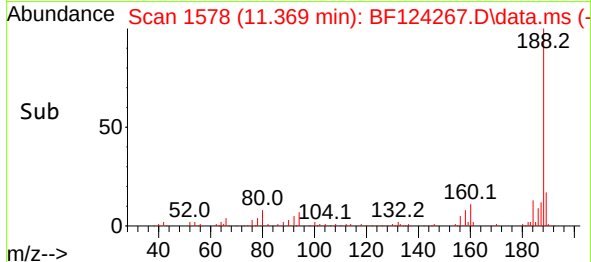
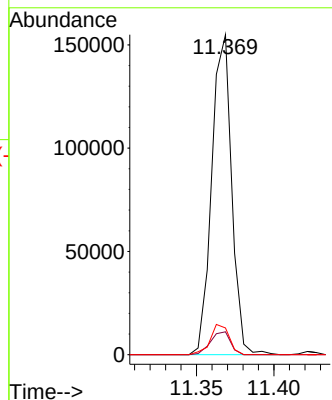
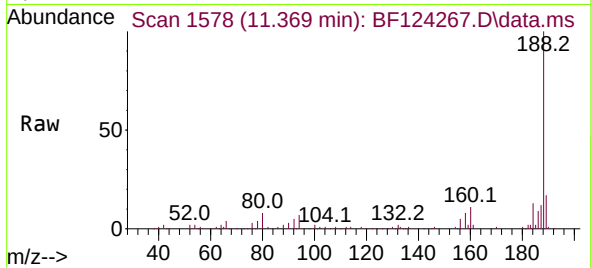




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

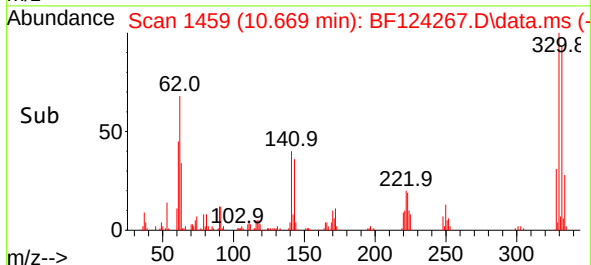
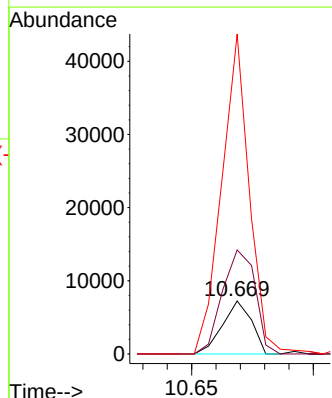
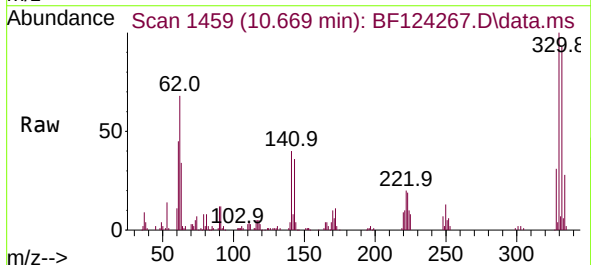
Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

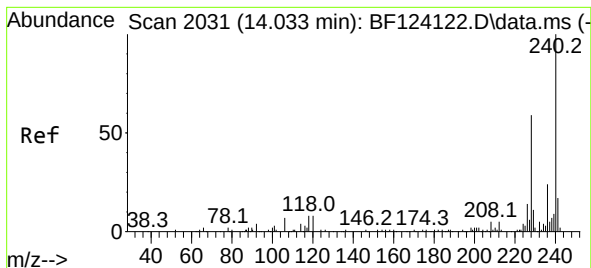
Tgt Ion:188 Resp: 138603
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

Tgt Ion:248 Resp: 5996
Ion Ratio Lower Upper
248 100
250 196.0 77.4 116.2#
141 603.3 63.7 95.5#

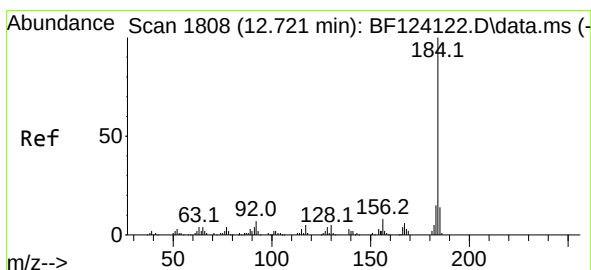
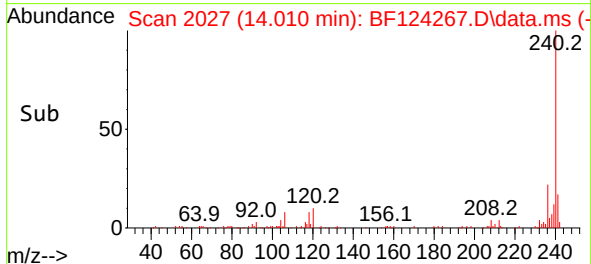
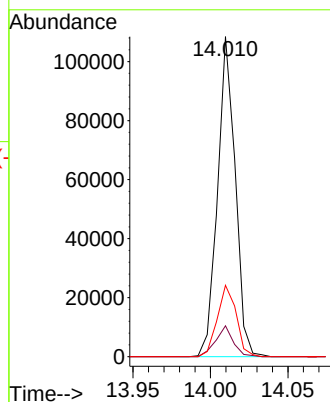
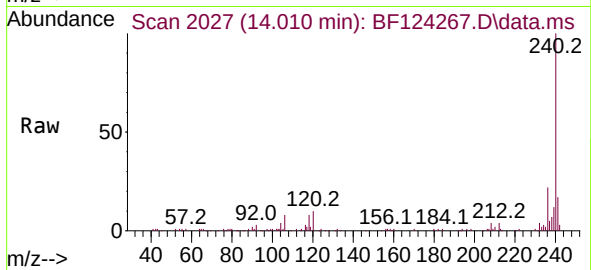




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

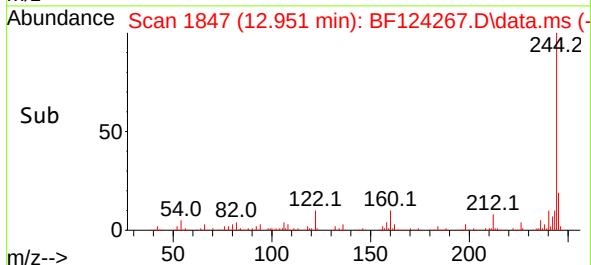
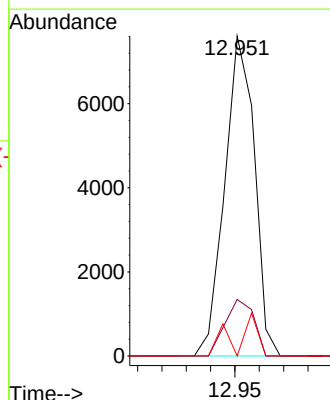
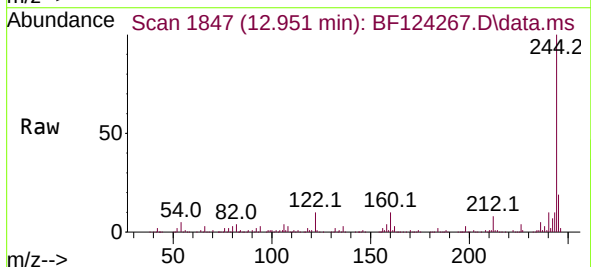
Instrument :
BNA_F
ClientSampleId :
18-B12(146-150)

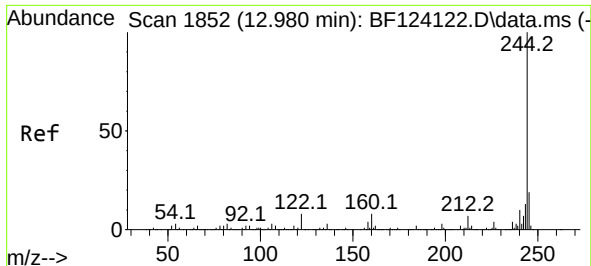
Tgt Ion:240 Resp: 85990
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 22.3 19.0 28.4



#77
Benzidine
Concen: 7.01 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF124267.D
Acq: 11 Jun 2021 18:33

Tgt Ion:184 Resp: 6460
Ion Ratio Lower Upper
184 100
185 17.6 12.1 18.1
183 0.0 7.8 11.8#

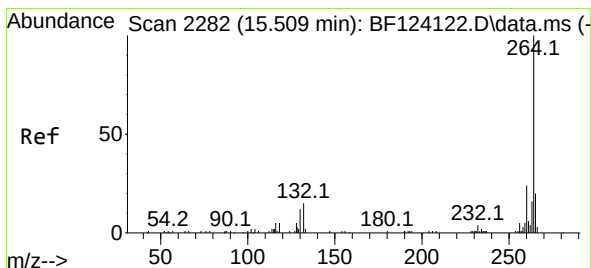
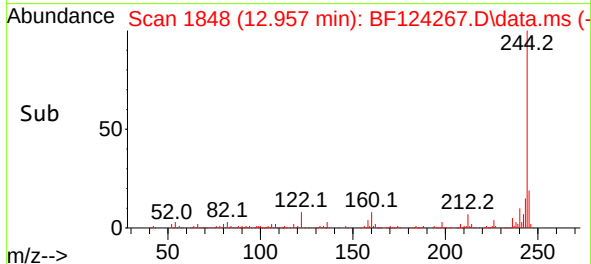
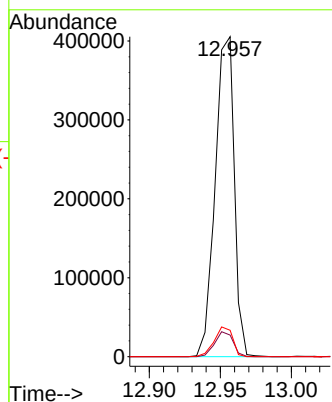
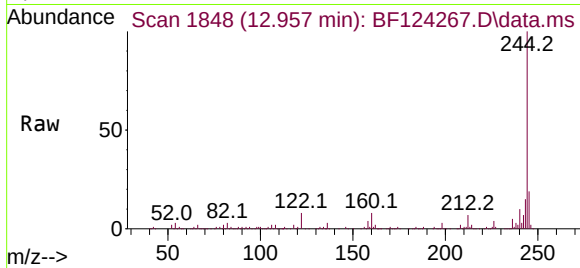




#79
 Terphenyl-d14
 Concen: 60.44 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124267.D
 Acq: 11 Jun 2021 18:33

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(146-150)

Tgt Ion:244 Resp: 378559
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.2 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF124267.D
 Acq: 11 Jun 2021 18:33

Tgt Ion:264 Resp: 87868
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.7 28.1
 265 20.3 17.8 26.8

