

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124265.D
 Acq On : 11 Jun 2021 17:28
 Operator : JU/CG
 Sample : M2625-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(138-142)

Quant Time: Jun 11 23:46:04 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)

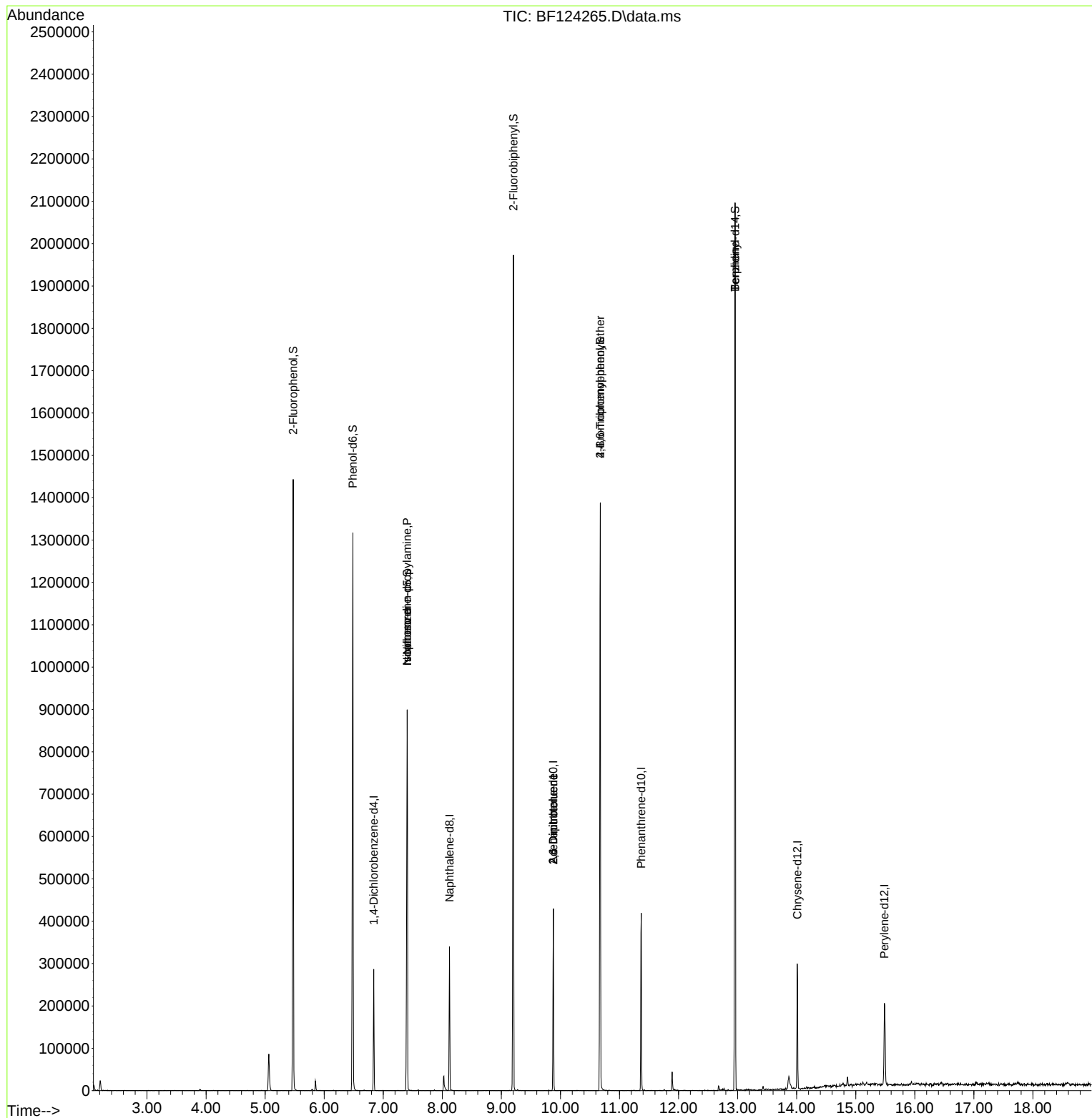
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	31104	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	122756	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	70448	20.00	ng	-0.01
64) Phenanthrene-d10	11.368	188	143807	20.00	ng	# 0.00
76) Chrysene-d12	14.009	240	94635	20.00	ng	#-0.01
86) Perylene-d12	15.486	264	84668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	305370	147.79	ng	0.00
7) Phenol-d6	6.486	99	379235	136.55	ng	-0.01
23) Nitrobenzene-d5	7.404	82	289180	93.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	150227	150.52	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	558263	99.72	ng	0.00
79) Terphenyl-d14	12.957	244	654706	94.98	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	41539	21.19	ng	# 63
25) Isophorone	7.404	82	289177	51.85	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	10130	7.58	ng	# 12
57) 2,4-Dinitrotoluene	9.880	165	10130	5.75	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	9192	4.66	ng	# 1
77) Benzidine	12.957	184	10785	8.54	ng	# 96

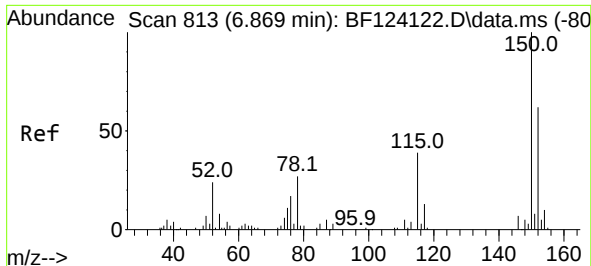
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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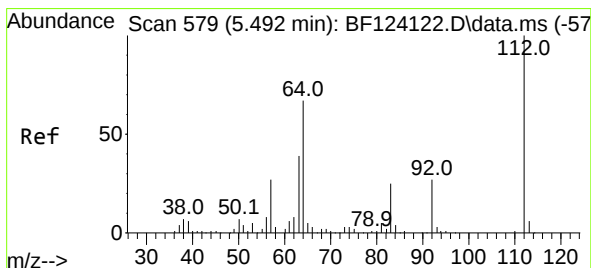
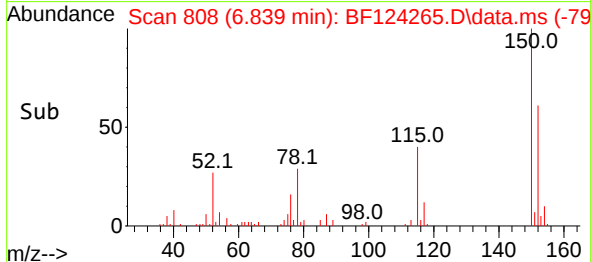
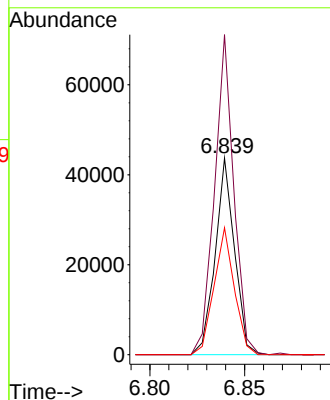
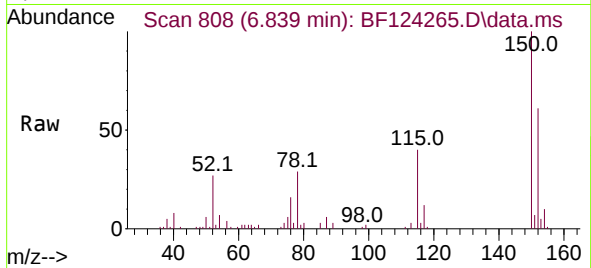




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

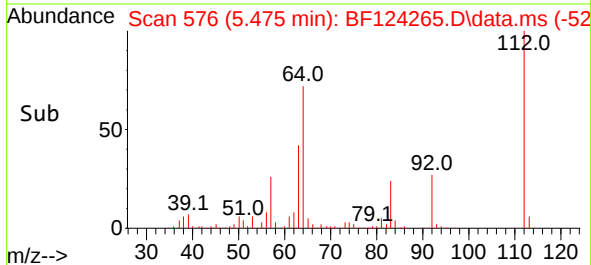
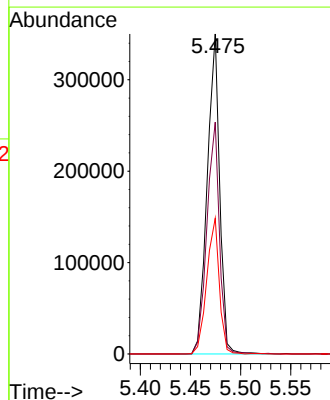
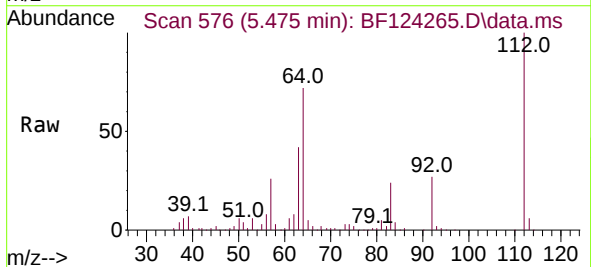
Instrument :
BNA_F
ClientSampleId :
18-B12(138-142)

Tgt Ion:152 Resp: 31104
Ion Ratio Lower Upper
152 100
150 162.8 127.0 190.6
115 64.6 54.3 81.5



#5
2-Fluorophenol
Concen: 147.79 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

Tgt Ion:112 Resp: 305370
Ion Ratio Lower Upper
112 100
64 72.5 61.4 92.0
63 42.4 33.0 49.4

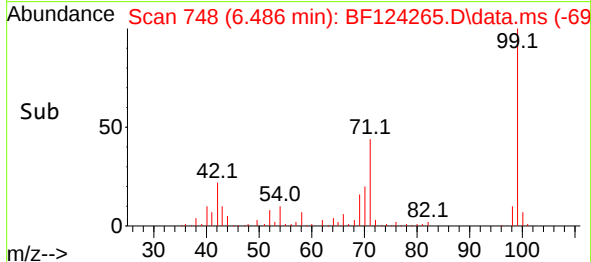
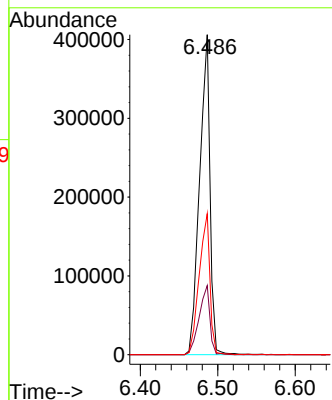
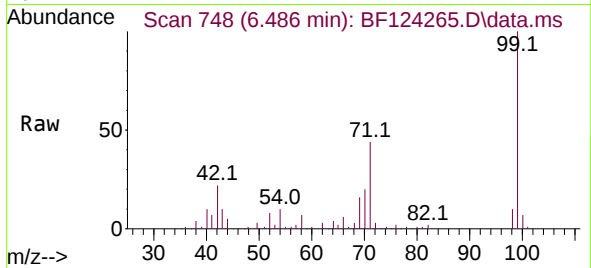




#7
Phenol-d6
Concen: 136.55 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

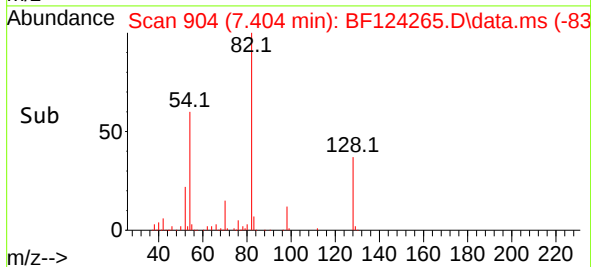
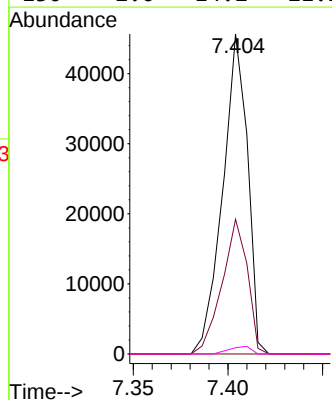
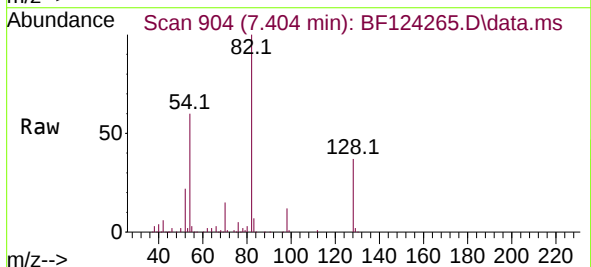
Instrument :
BNA_F
ClientSampleId :
18-B12(138-142)

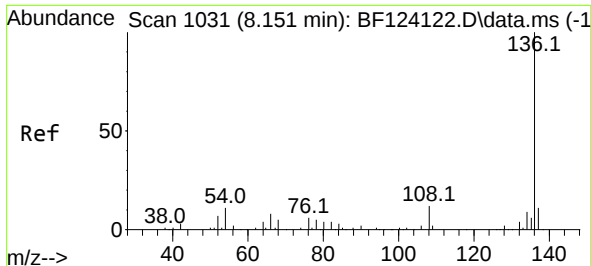
Tgt Ion: 99 Resp: 379235
Ion Ratio Lower Upper
99 100
42 21.6 19.8 29.8
71 44.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.19 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

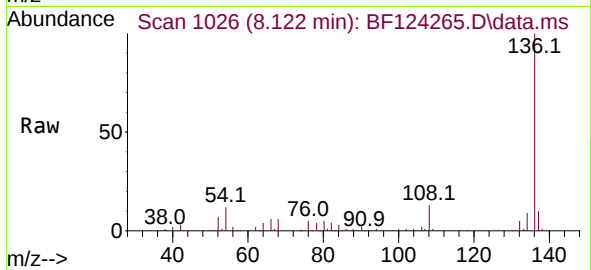
Tgt Ion: 70 Resp: 41539
Ion Ratio Lower Upper
70 100
42 42.1 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



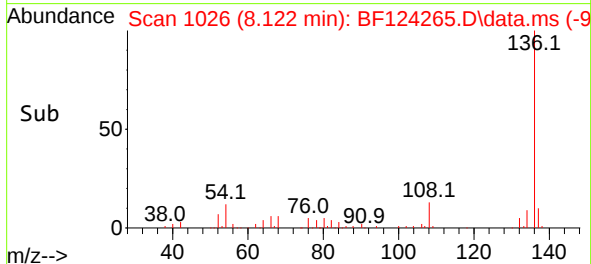
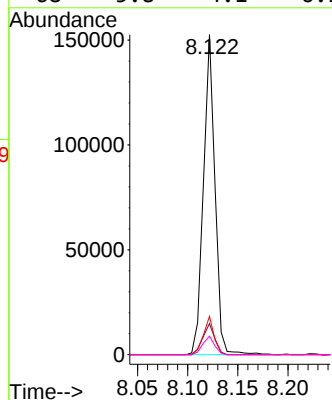


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

Instrument :
BNA_F
ClientSampleId :
18-B12(138-142)

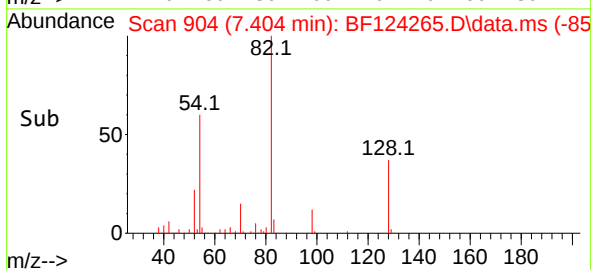
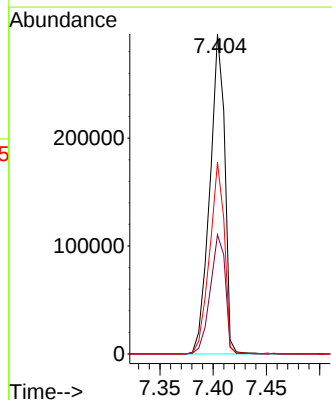
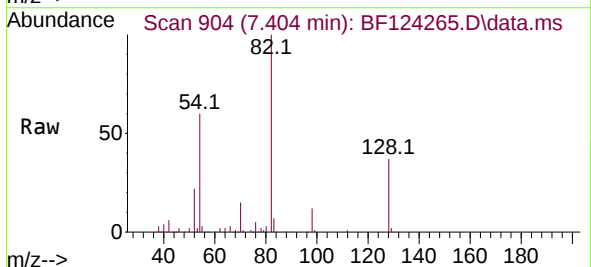


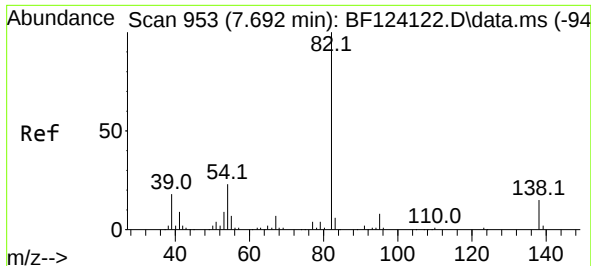
Tgt Ion:136	Resp: 122756
Ion Ratio	Lower Upper
136	100
137	9.7 8.7 13.1
54	12.0 9.8 14.6
68	5.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 93.43 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

Tgt Ion: 82	Resp: 289180
Ion Ratio	Lower Upper
82	100
128	37.2 29.4 44.2
54	59.9 54.1 81.1

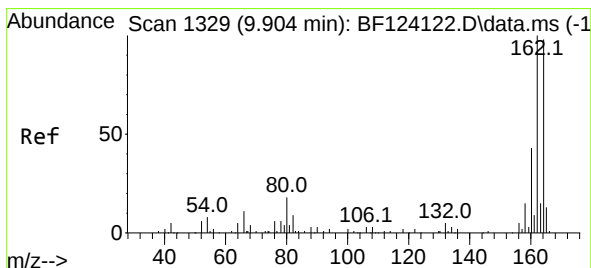
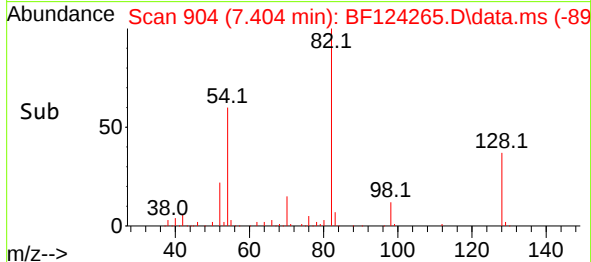
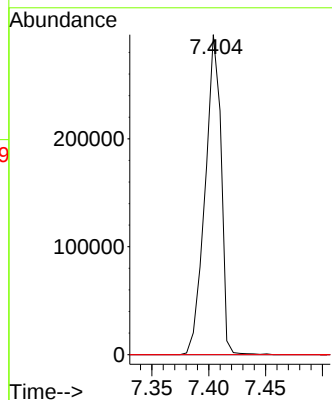
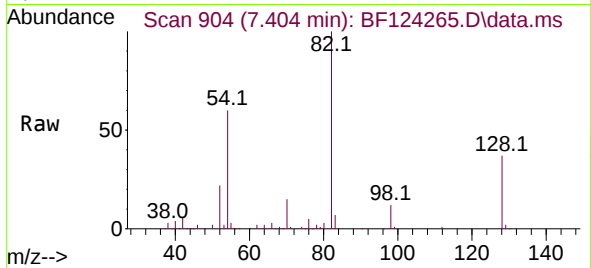




#25
Isophorone
Concen: 51.85 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.271 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

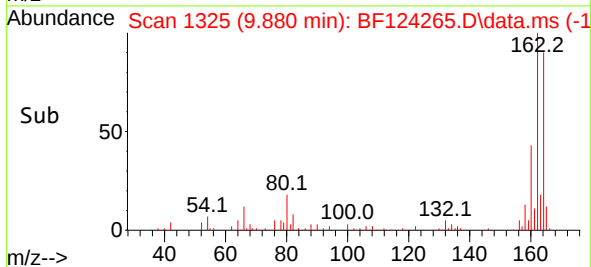
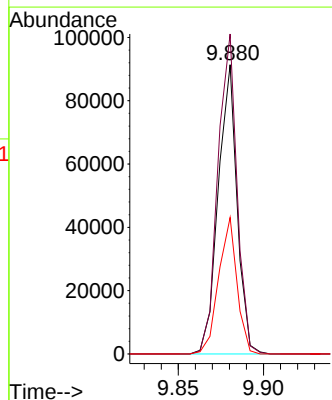
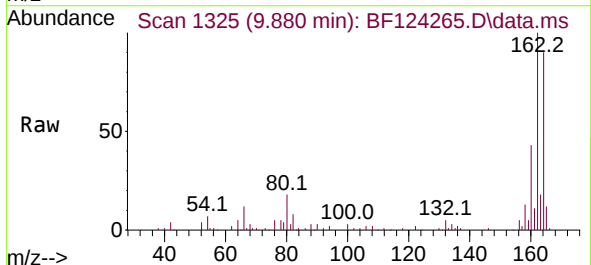
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BNA_F
ClientSampleId :
18-B12(138-142)

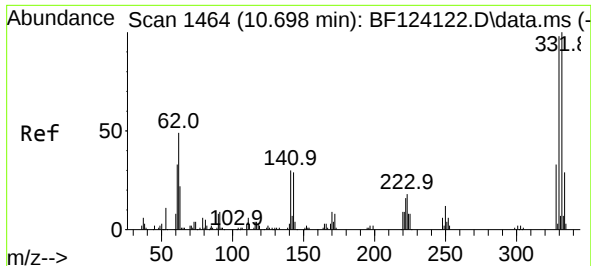
Tgt Ion: 82 Resp: 289177
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

Tgt Ion: 164 Resp: 70448
Ion Ratio Lower Upper
164 100
162 110.6 80.7 121.1
160 47.2 37.3 55.9

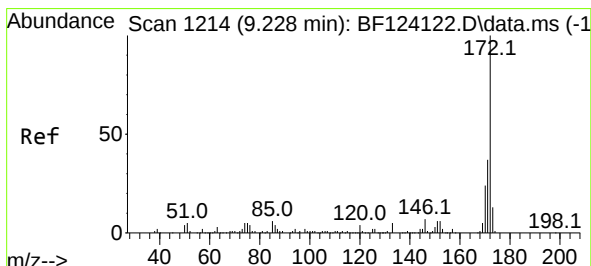
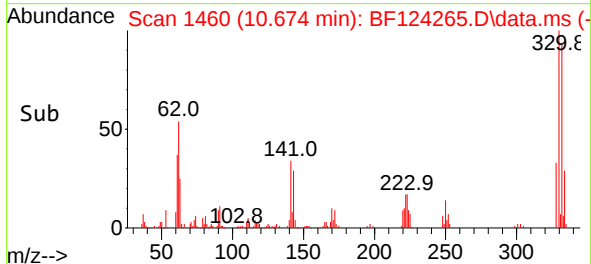
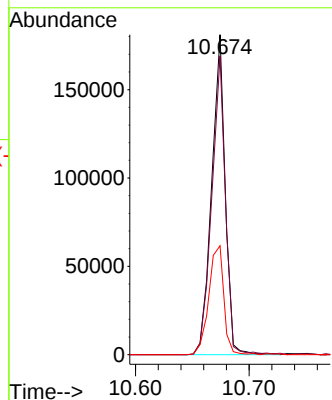
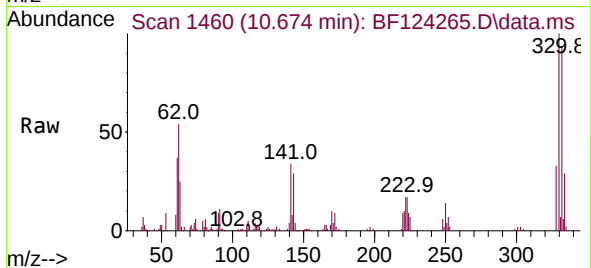




#42
2,4,6-Tribromophenol
Concen: 150.52 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

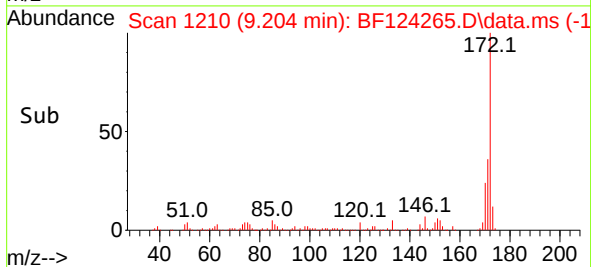
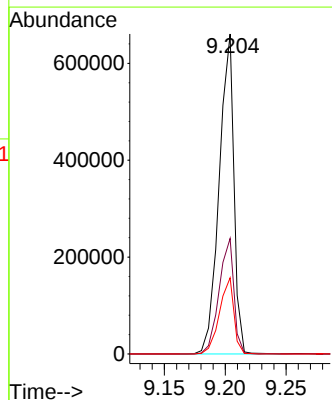
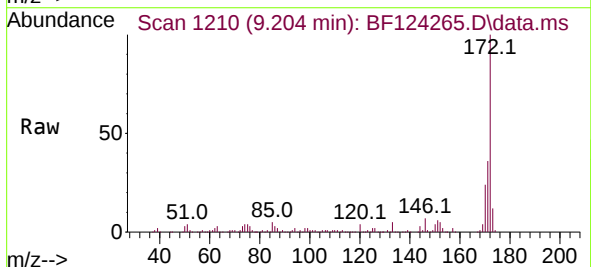
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18-B12(138-142)

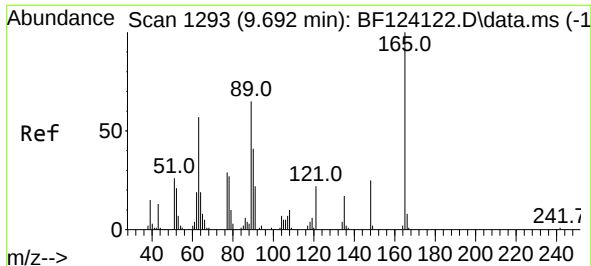
Tgt Ion: 330 Resp: 150227
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 37.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 99.72 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

Tgt Ion: 172 Resp: 558263
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.8 19.2 28.8

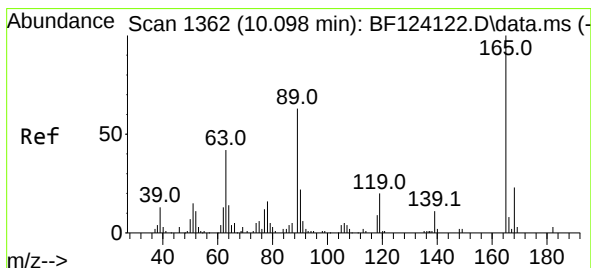
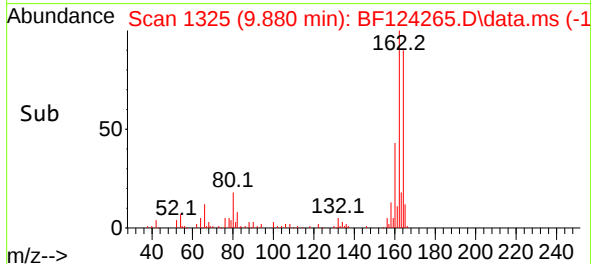
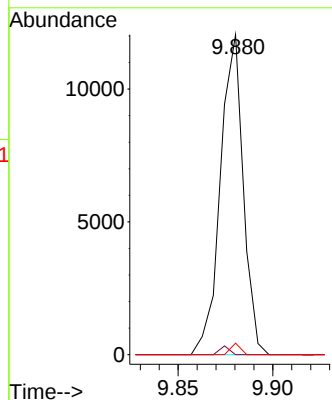
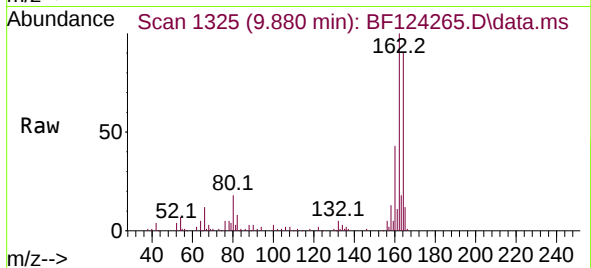




#51
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

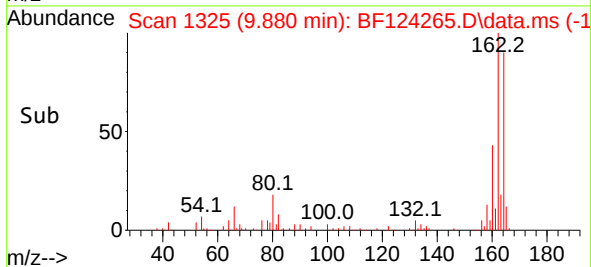
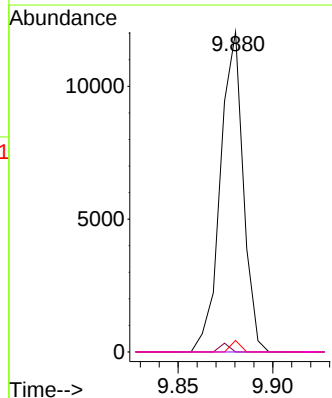
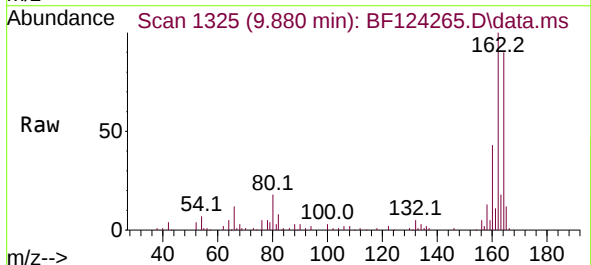
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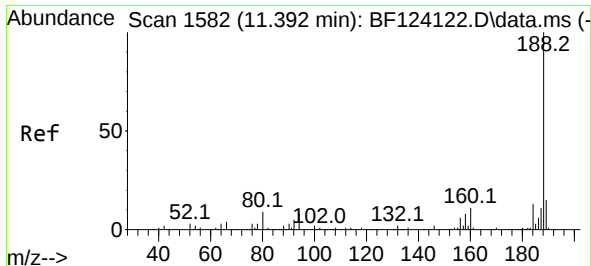
Tgt Ion:165 Resp: 10130
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.6 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

Tgt Ion:165 Resp: 10130
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.6 67.7 101.5#
182 0.0 2.1 3.1#

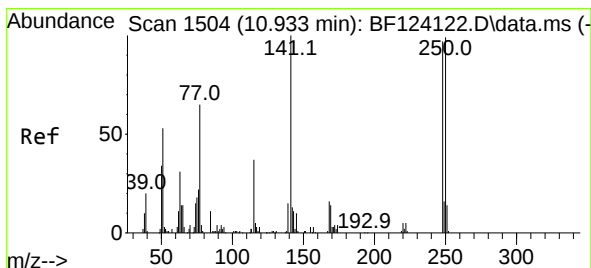
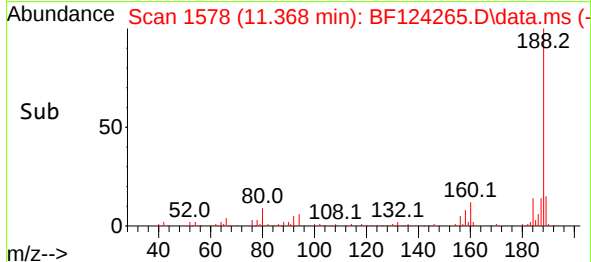
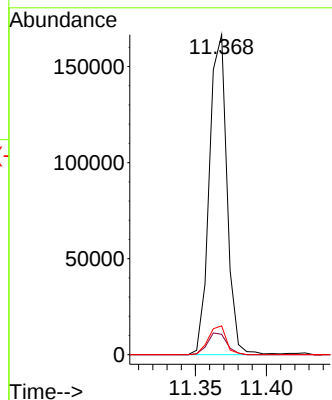
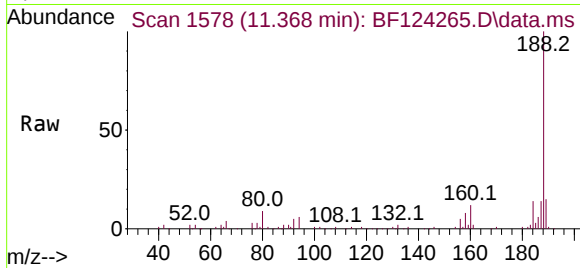




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

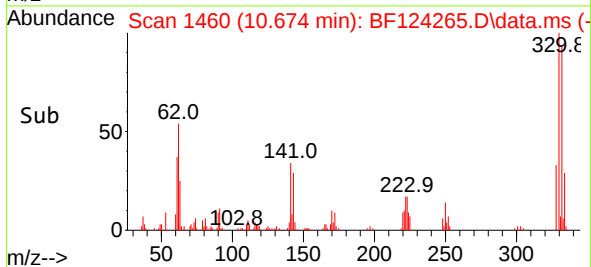
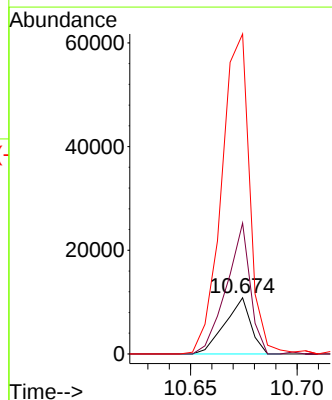
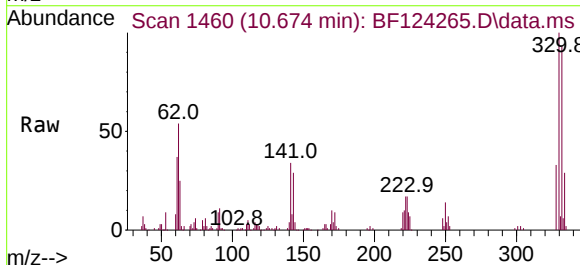
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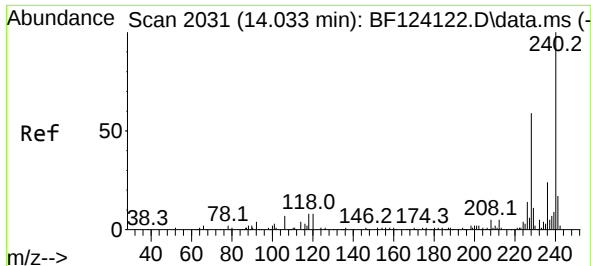
Tgt Ion:188 Resp: 143807
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 9.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

Tgt Ion:248 Resp: 9192
Ion Ratio Lower Upper
248 100
250 233.3 77.4 116.2#
141 570.4 63.7 95.5#

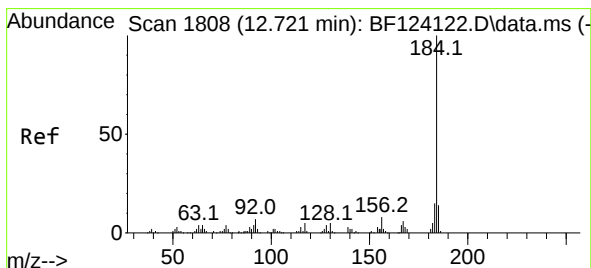
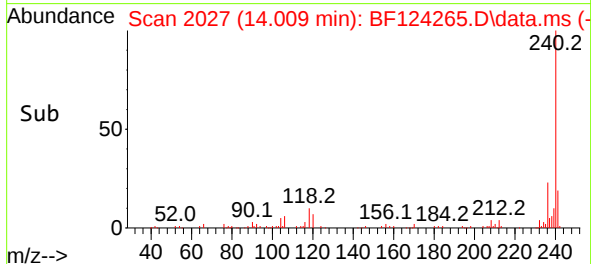
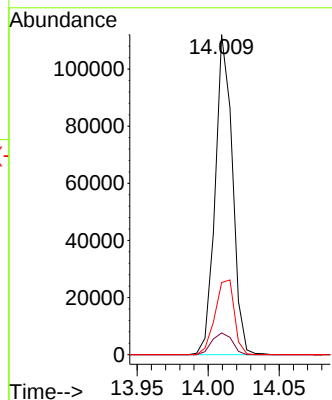
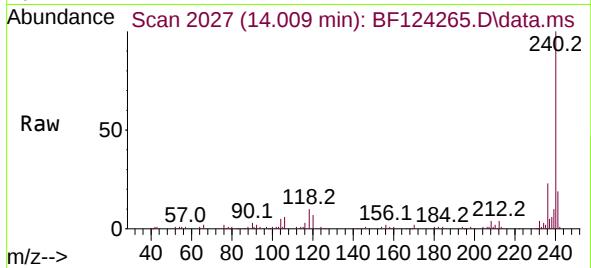




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

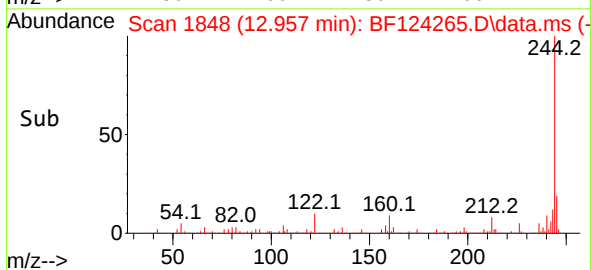
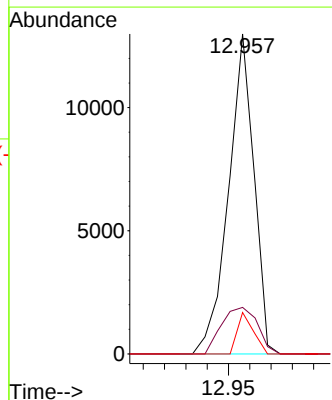
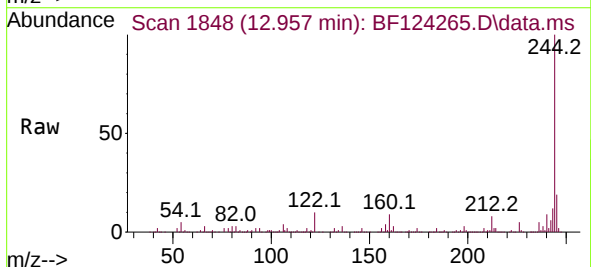
Instrument :
BNA_F
ClientSampleId :
18-B12(138-142)

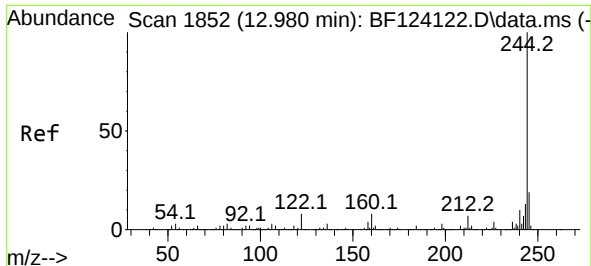
Tgt Ion:240 Resp: 94635
Ion Ratio Lower Upper
240 100
120 6.8 7.2 10.8#
236 22.5 19.0 28.4



#77
Benzidine
Concen: 8.54 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

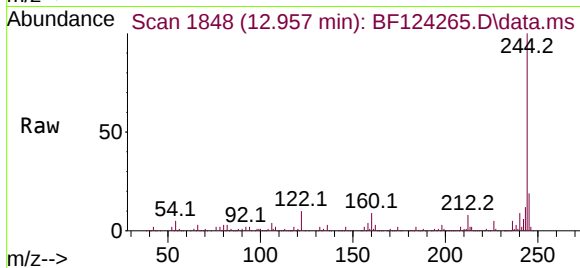
Tgt Ion:184 Resp: 10785
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 13.0 7.8 11.8#



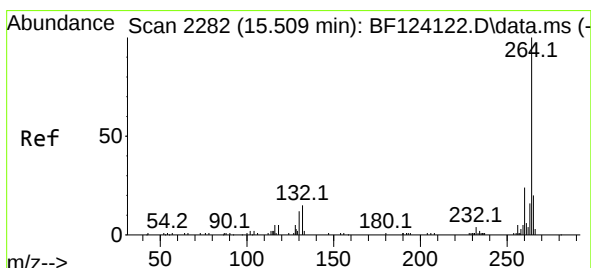
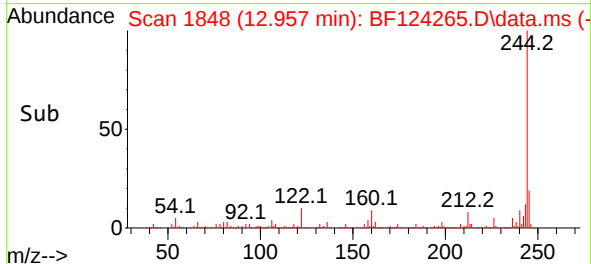
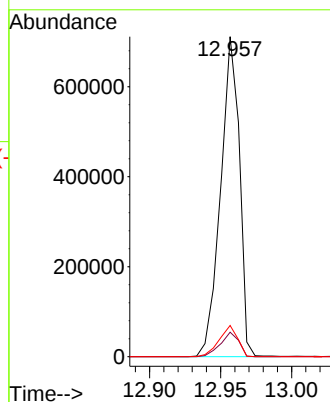


#79
Terphenyl-d14
Concen: 94.98 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124265.D
Acq: 11 Jun 2021 17:28

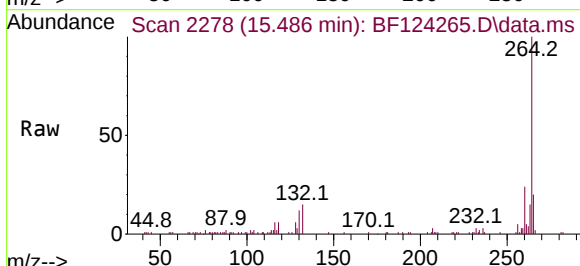
Instrument :
BNA_F
ClientSampleId :
18-B12(138-142)



Tgt Ion:244 Resp: 654706
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.7 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: BF124265.D
Acq: 11 Jun 2021 17:28



Tgt Ion:264 Resp: 84668
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 20.2 17.8 26.8

