

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124262.D
 Acq On : 11 Jun 2021 15:50
 Operator : JU/CG
 Sample : M2625-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(158-162)

Quant Time: Jun 11 16:11:59 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)

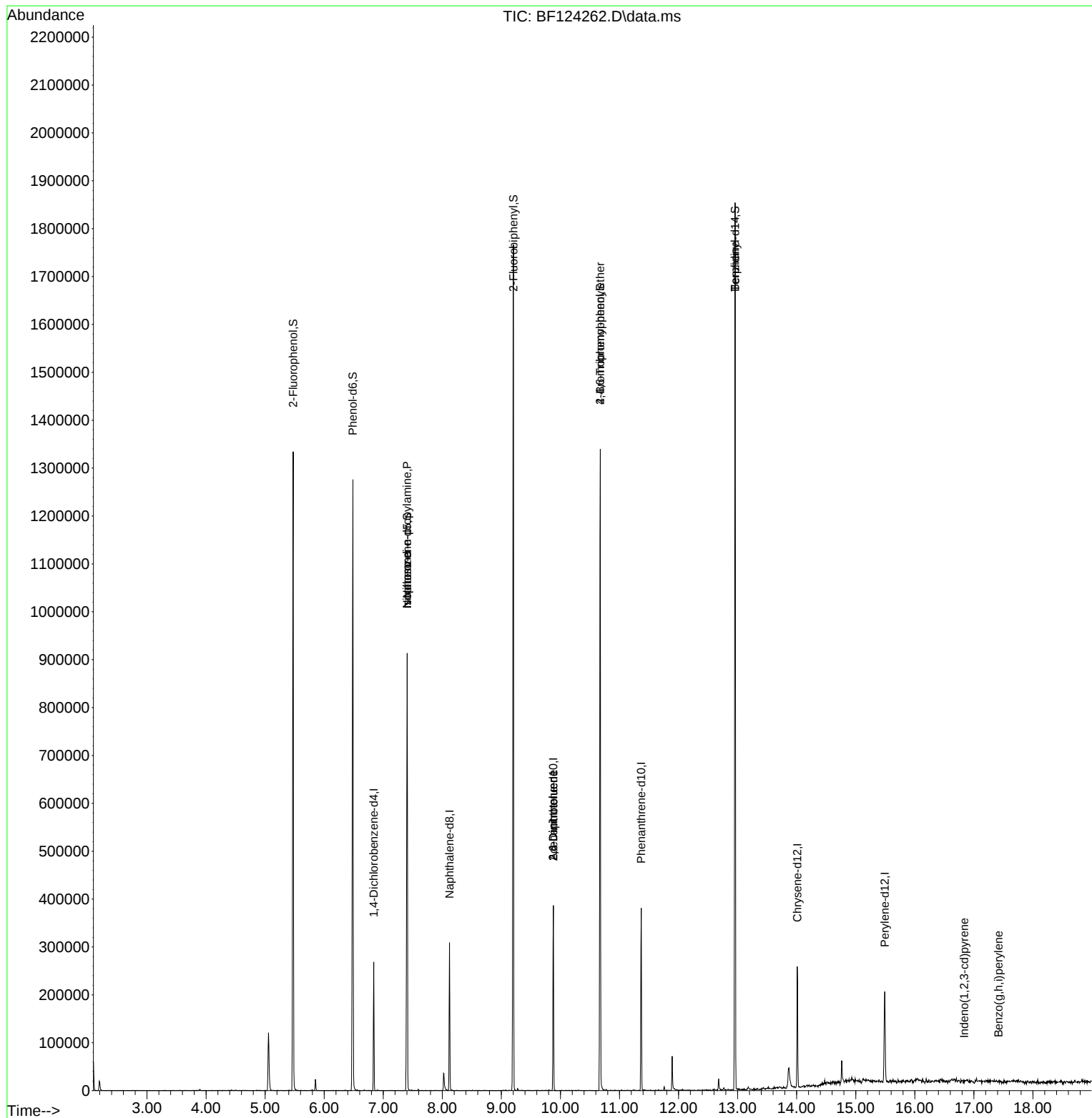
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	29383	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	113462	20.000	ng	#-0.01
39) Acenaphthene-d10	9.880	164	69348	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	125210	20.000	ng	0.00
76) Chrysene-d12	14.010	240	80880	20.000	ng	-0.01
86) Perylene-d12	15.492	264	75678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	282827	144.897	ng	0.00
7) Phenol-d6	6.487	99	361752	137.880	ng	-0.01
23) Nitrobenzene-d5	7.404	82	278991	97.523	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	140556	143.060	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	519055	94.186	ng	0.00
79) Terphenyl-d14	12.957	244	568716	96.541	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	40923	22.095	ng	# 69
25) Isophorone	7.404	82	278988	54.118	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	9519	7.236	ng	# 12
57) 2,4-Dinitrotoluene	9.880	165	9519	5.487	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	8963	5.215	ng	# 1
77) Benzidine	12.957	184	10426	9.124	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.839	276	109	4.351	ng	# 53
92) Benzo(g,h,i)perylene	17.415	276	113	3.827	ng	# 56

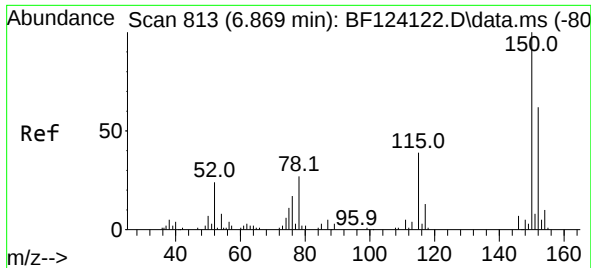
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
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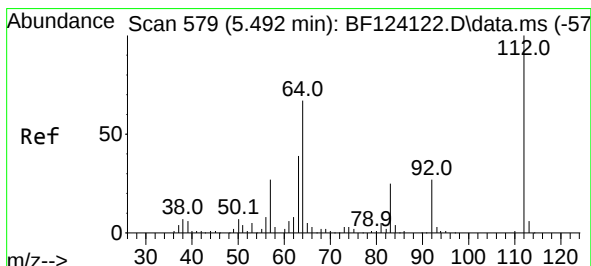
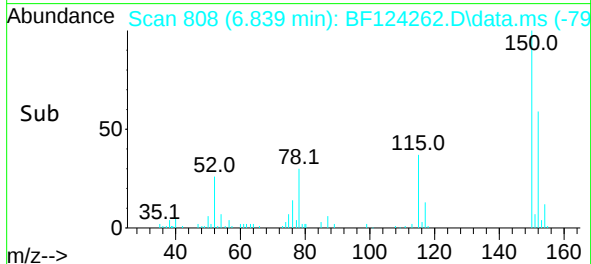
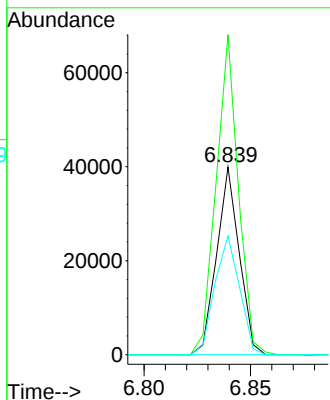
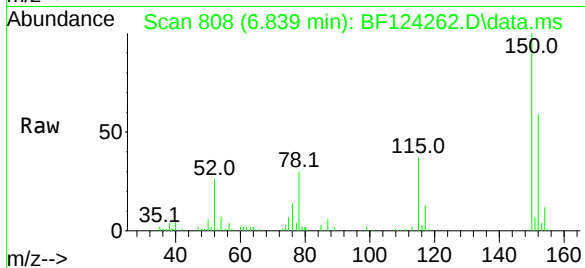




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

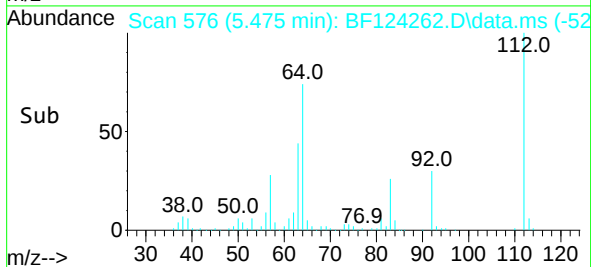
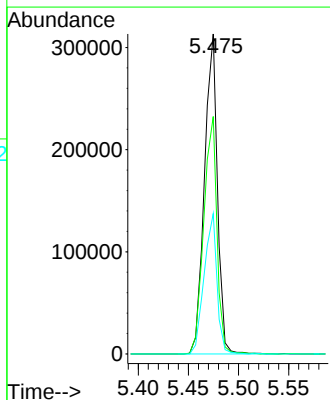
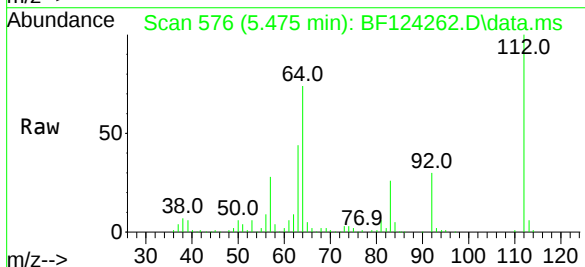
Instrument :
BNA_F
ClientSampleId :
18-B12(158-162)

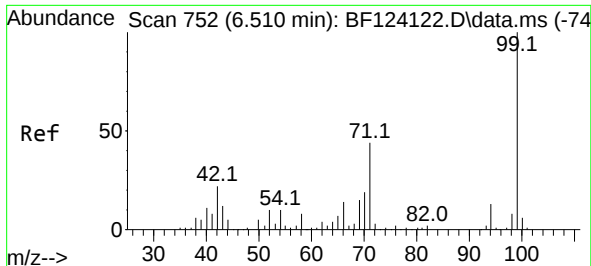
Tgt Ion:152 Resp: 29383
Ion Ratio Lower Upper
152 100
150 170.5 127.0 190.6
115 63.2 54.3 81.5



#5
2-Fluorophenol
Concen: 144.897 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

Tgt Ion:112 Resp: 282827
Ion Ratio Lower Upper
112 100
64 74.2 61.4 92.0
63 43.9 33.0 49.4

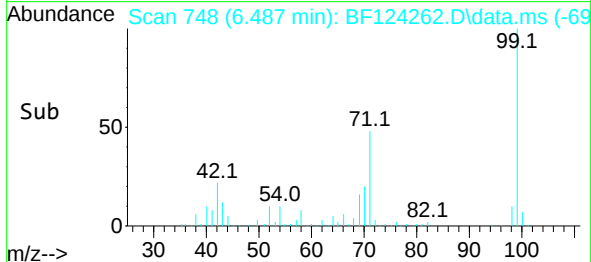
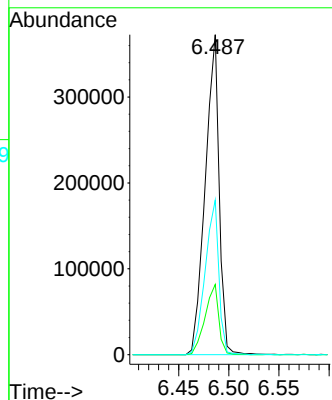
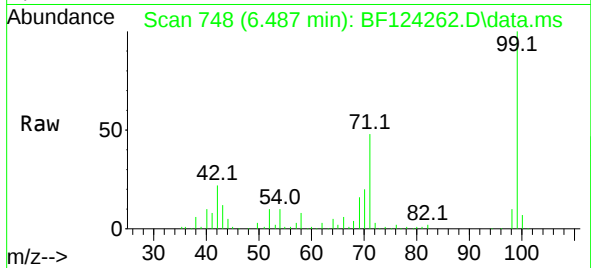




#7
Phenol-d6
Concen: 137.880 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

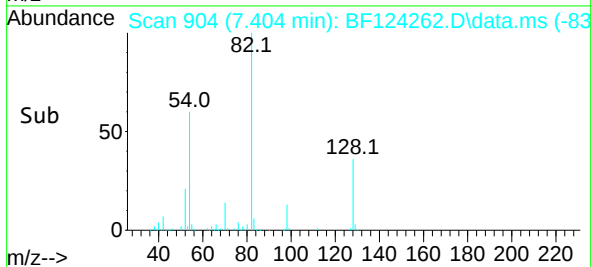
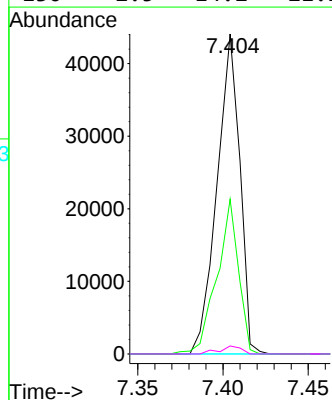
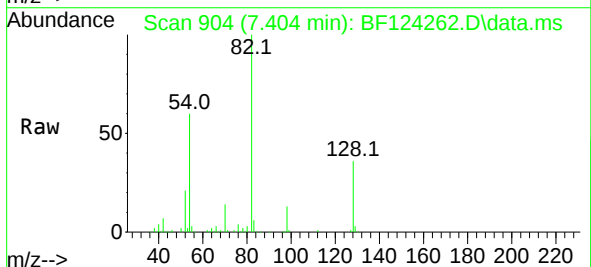
Instrument :
BNA_F
ClientSampleId :
18-B12(158-162)

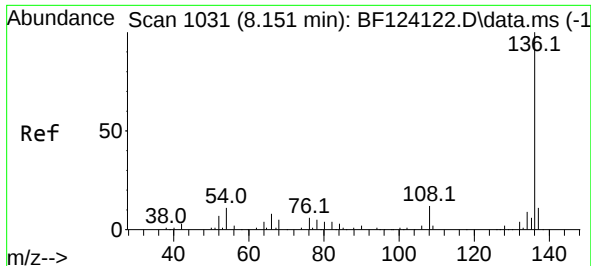
Tgt Ion: 99 Resp: 361752
Ion Ratio Lower Upper
99 100
42 21.9 19.8 29.8
71 48.3 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 22.095 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

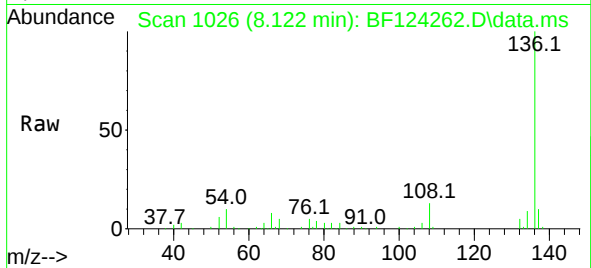
Tgt Ion: 70 Resp: 40923
Ion Ratio Lower Upper
70 100
42 48.4 60.1 90.1#
101 0.0 7.4 11.2#
130 2.5 14.2 21.2#



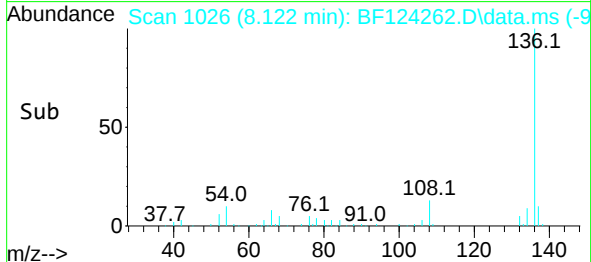
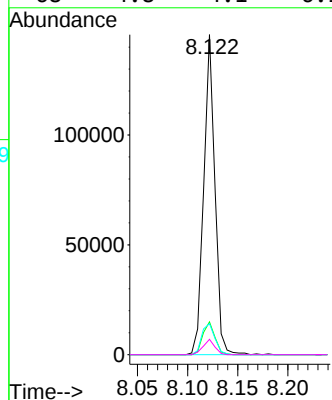


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

Instrument :
BNA_F
ClientSampleId :
18-B12(158-162)

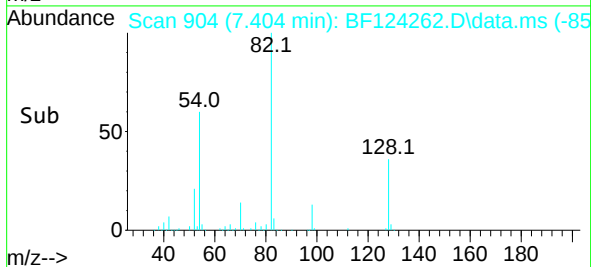
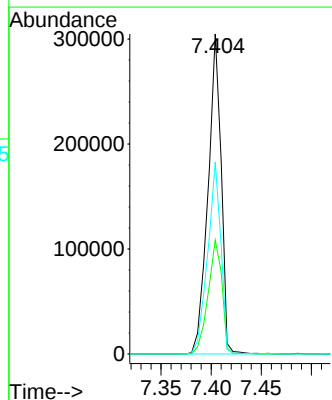
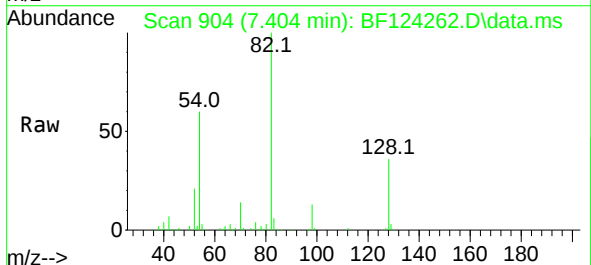


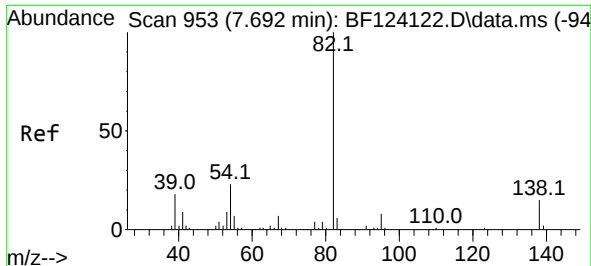
Tgt Ion:136	Resp: 113462
Ion Ratio	Lower Upper
136	100
137	10.3 8.7 13.1
54	9.7 9.8 14.6#
68	4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 97.523 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

Tgt Ion: 82	Resp: 278991
Ion Ratio	Lower Upper
82	100
128	35.6 29.4 44.2
54	60.0 54.1 81.1

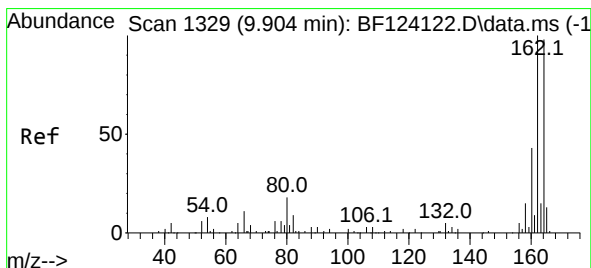
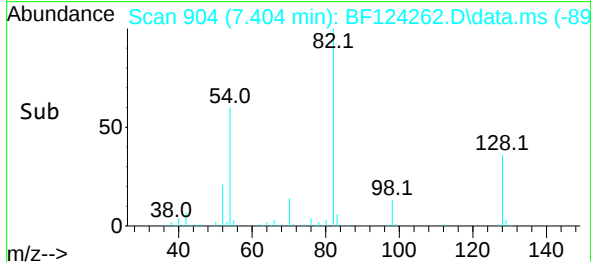
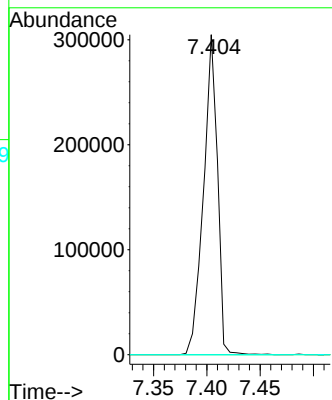
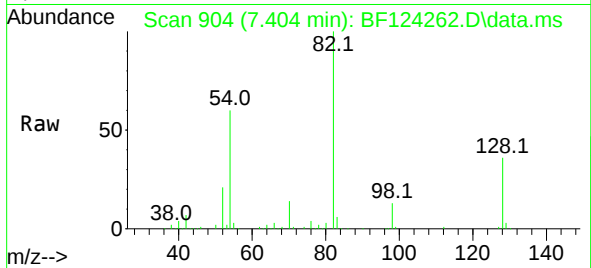




#25
Isophorone
Concen: 54.118 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

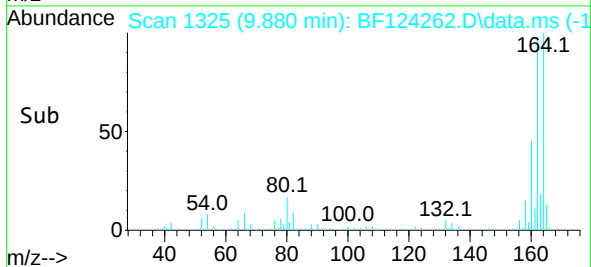
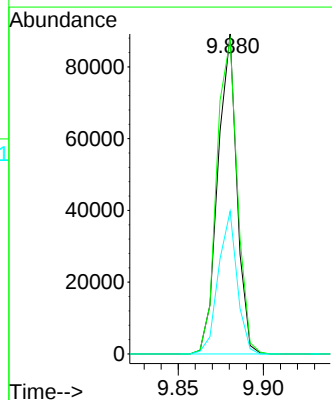
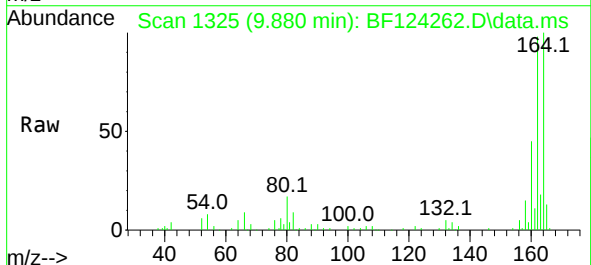
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ClientSampleId :
18-B12(158-162)

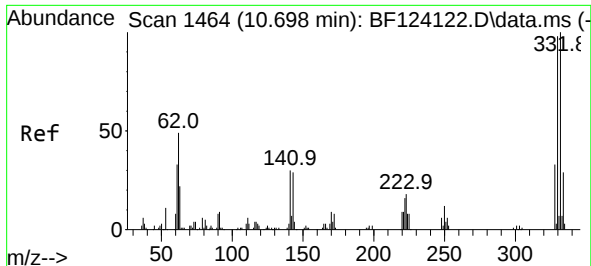
Tgt Ion: 82 Resp: 278988
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

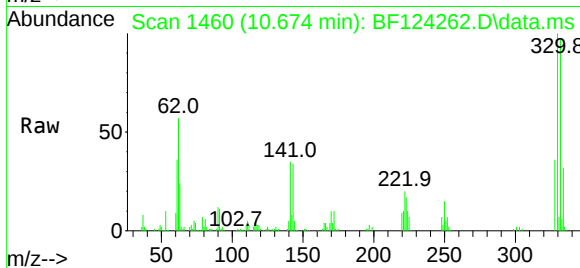
Tgt Ion: 164 Resp: 69348
Ion Ratio Lower Upper
164 100
162 98.3 80.7 121.1
160 44.6 37.3 55.9



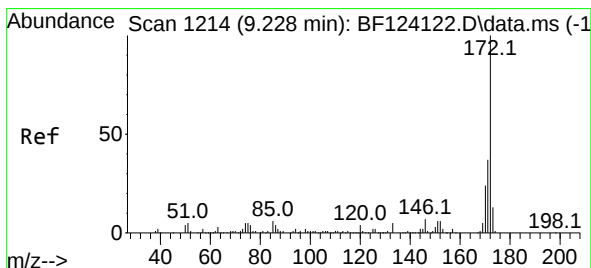
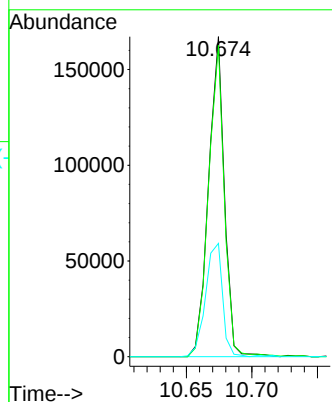
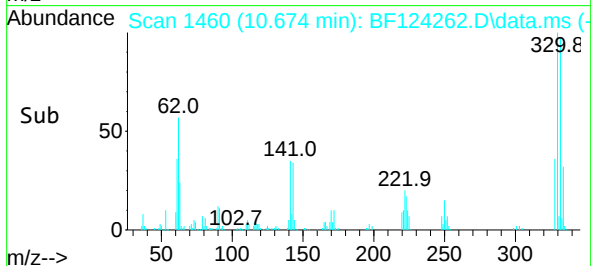


#42
2,4,6-Tribromophenol
Concen: 143.060 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

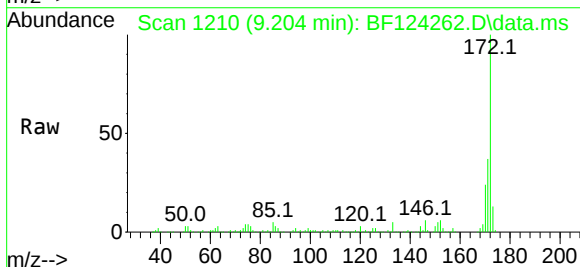
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ClientSampleId :
18-B12(158-162)



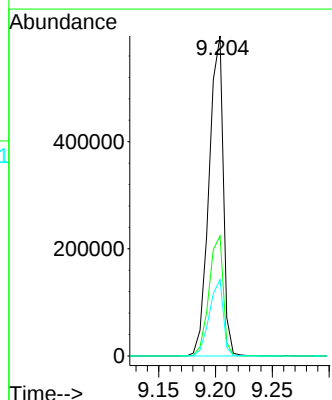
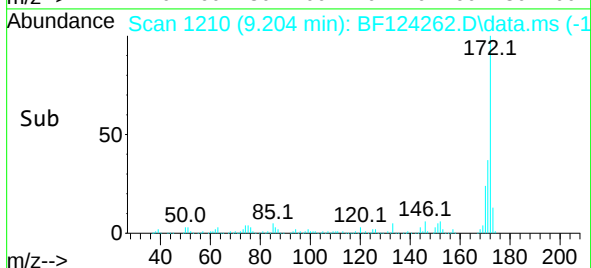
Tgt Ion:330 Resp: 140556
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 38.0 27.9 41.9

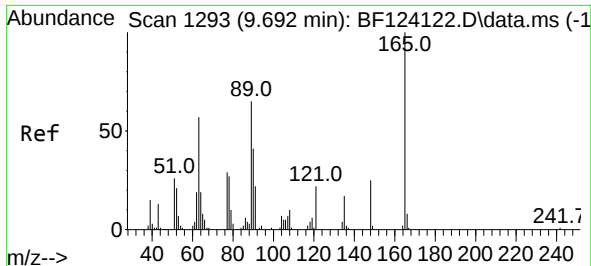


#45
2-Fluorobiphenyl
Concen: 94.186 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50



Tgt Ion:172 Resp: 519055
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 23.8 19.2 28.8

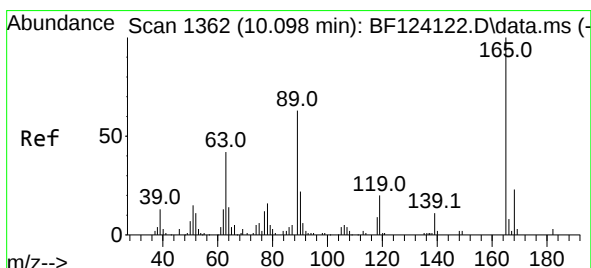
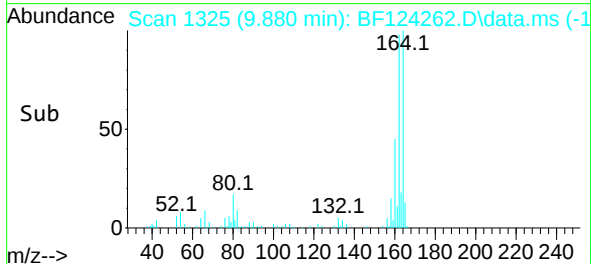
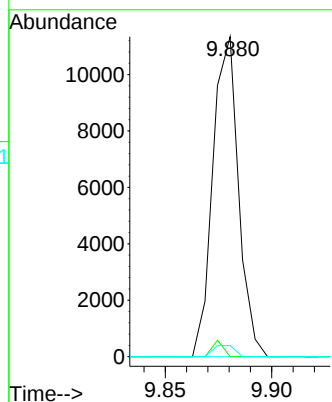
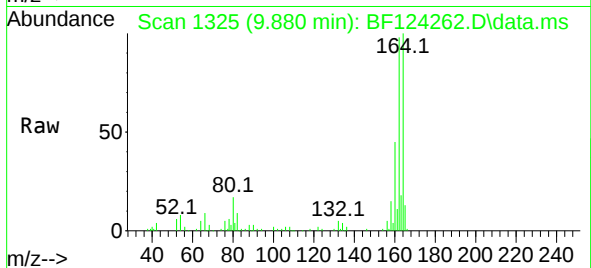




#51
2,6-Dinitrotoluene
Concen: 7.236 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

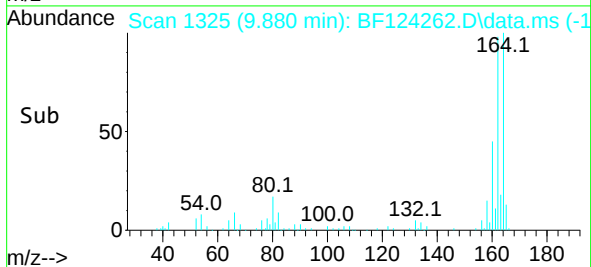
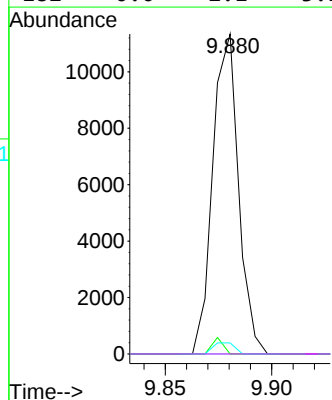
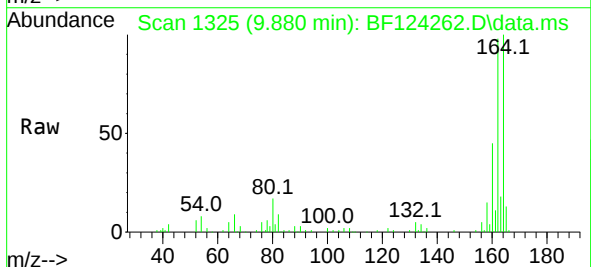
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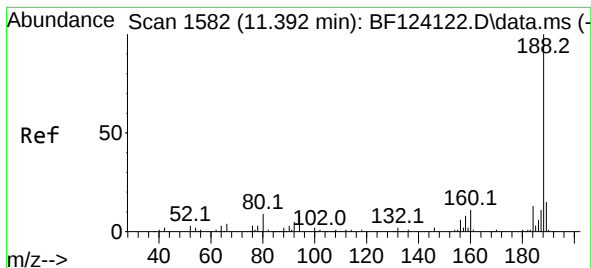
Tgt Ion:165 Resp: 9519
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.4 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.487 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

Tgt Ion:165 Resp: 9519
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.4 67.7 101.5#
182 0.0 2.1 3.1#

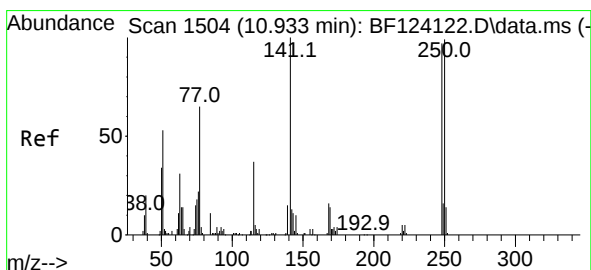
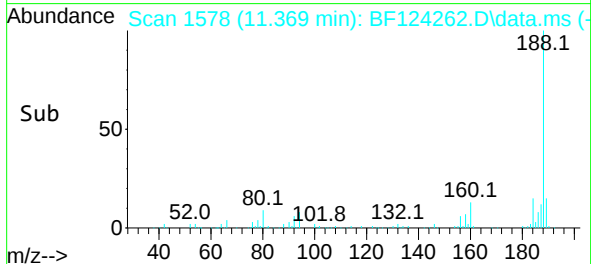
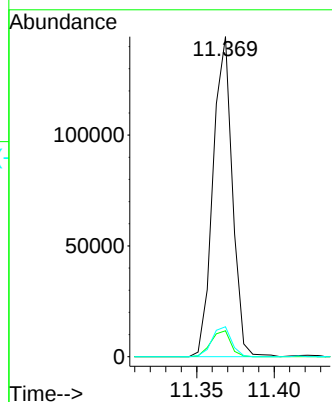
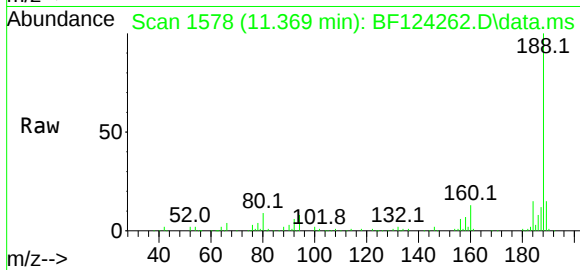




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

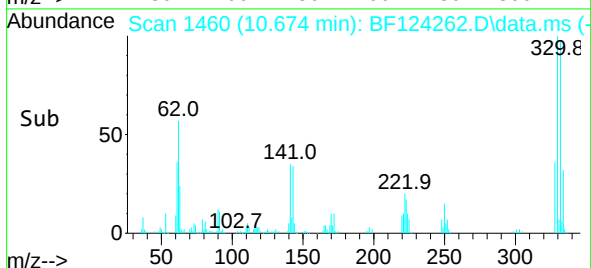
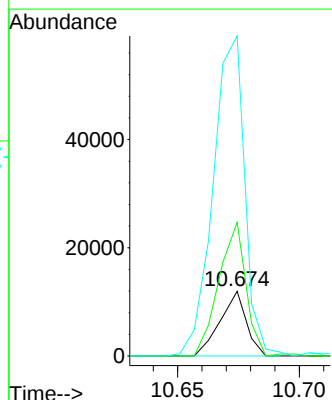
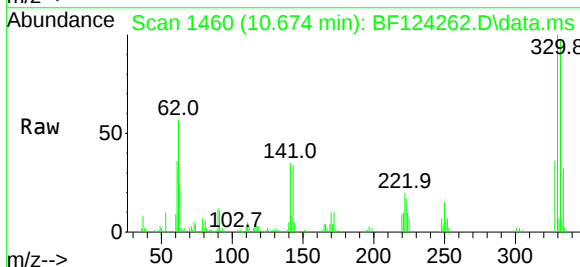
Instrument :
BNA_F
ClientSampleId :
18-B12(158-162)

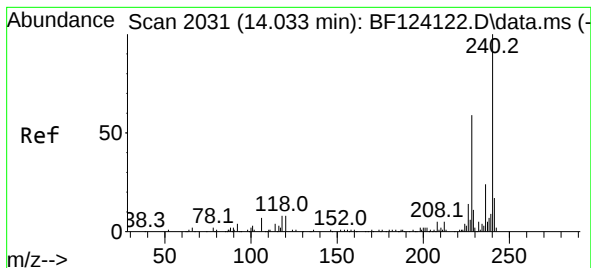
Tgt Ion:188 Resp: 125210
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.215 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

Tgt Ion:248 Resp: 8963
Ion Ratio Lower Upper
248 100
250 206.4 77.4 116.2#
141 494.7 63.7 95.5#

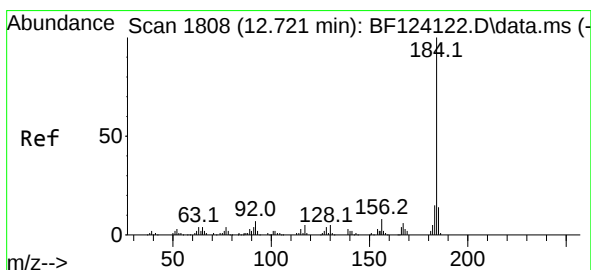
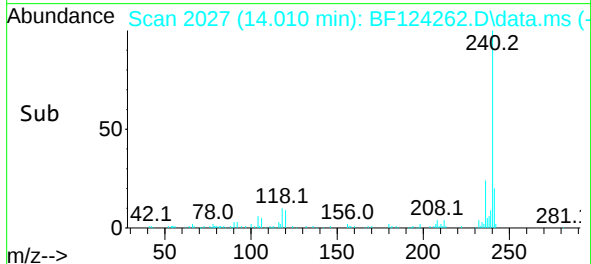
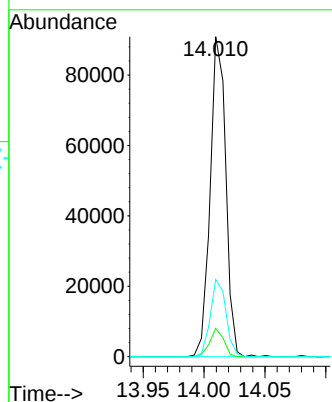
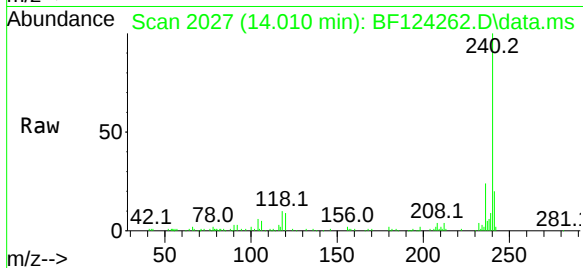




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

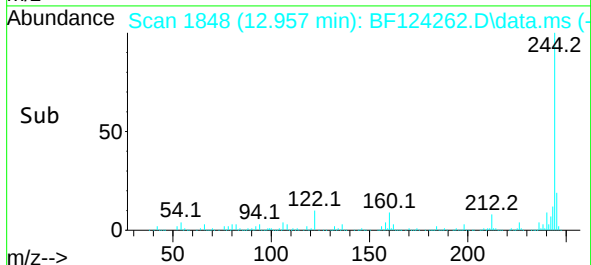
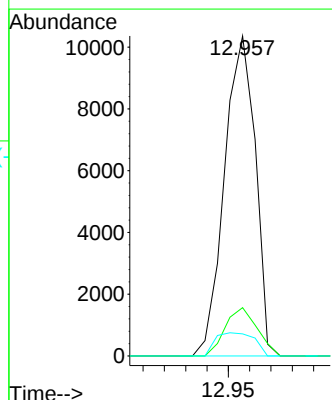
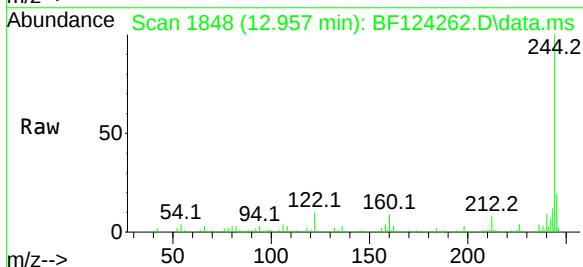
Instrument :
BNA_F
ClientSampleId :
18-B12(158-162)

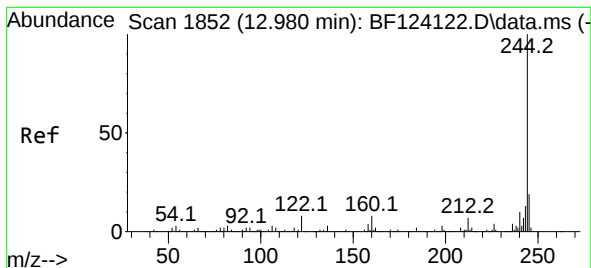
Tgt Ion:240 Resp: 80880
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 24.1 19.0 28.4



#77
Benzidine
Concen: 9.124 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

Tgt Ion:184 Resp: 10426
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 6.9 7.8 11.8#





#79

Terphenyl-d14

Concen: 96.541 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF124262.D

Acq: 11 Jun 2021 15:50

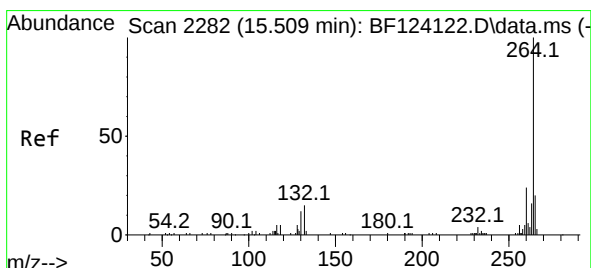
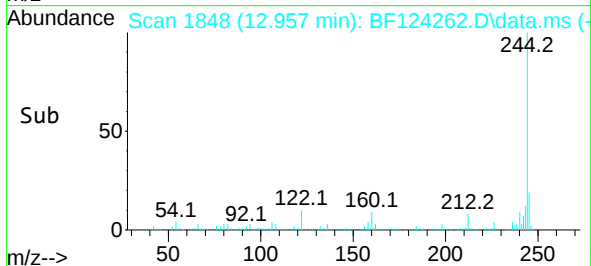
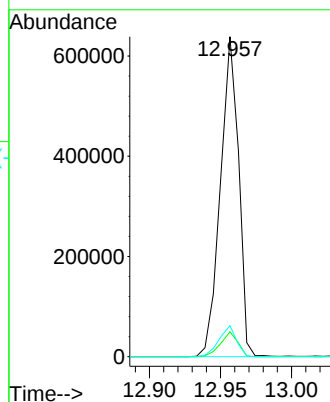
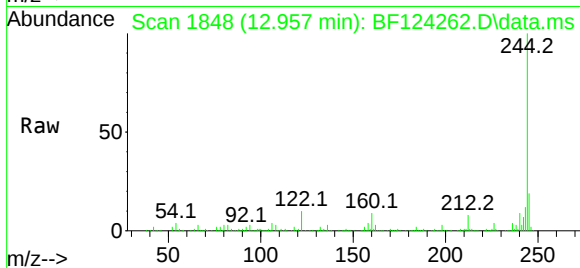
Tgt Ion:244 Resp: 568716

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 9.7 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF124262.D

Acq: 11 Jun 2021 15:50

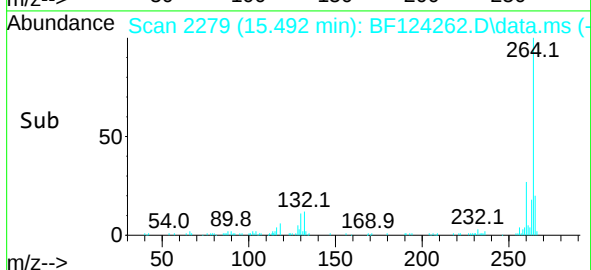
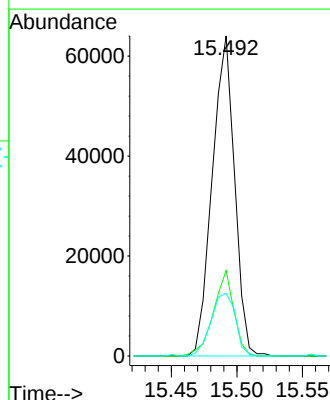
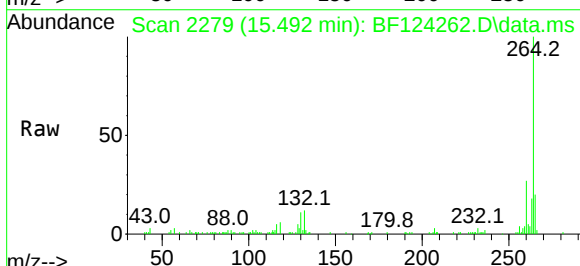
Tgt Ion:264 Resp: 75678

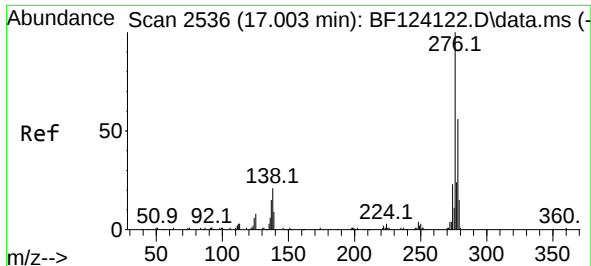
Ion Ratio Lower Upper

264 100

260 26.7 18.7 28.1

265 19.6 17.8 26.8

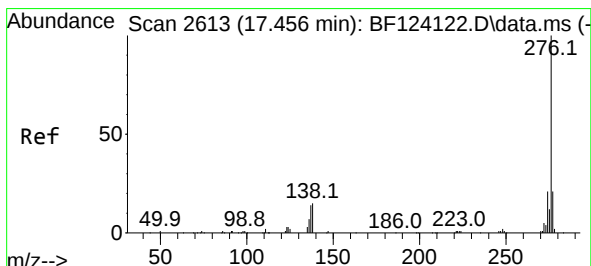
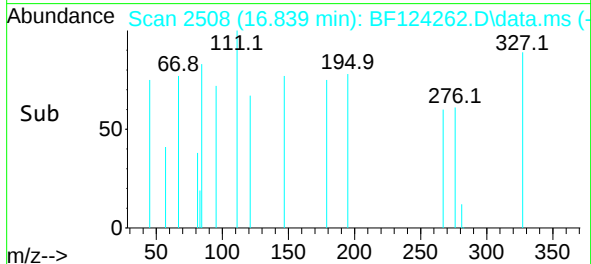
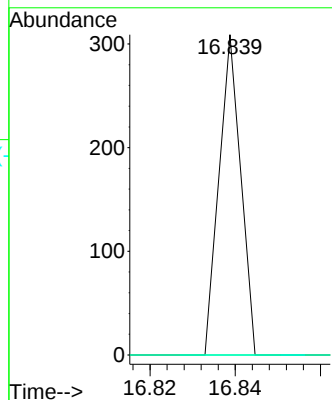
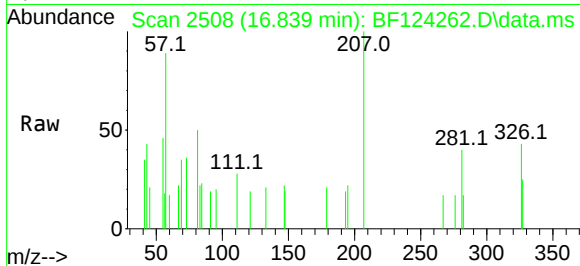




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.351 ng
RT: 16.839 min Scan# 2508
Delta R.T. -0.141 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

Instrument :
BNA_F
ClientSampleId :
18-B12(158-162)

Tgt Ion:276 Resp: 109
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#



#92
Benzo(g,h,i)perylene
Concen: 3.827 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF124262.D
Acq: 11 Jun 2021 15:50

Tgt Ion:276 Resp: 113
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

