

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124263.D
 Acq On : 11 Jun 2021 16:23
 Operator : JU/CG
 Sample : M2625-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(162-166)

Quant Time: Jun 11 16:57:59 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)

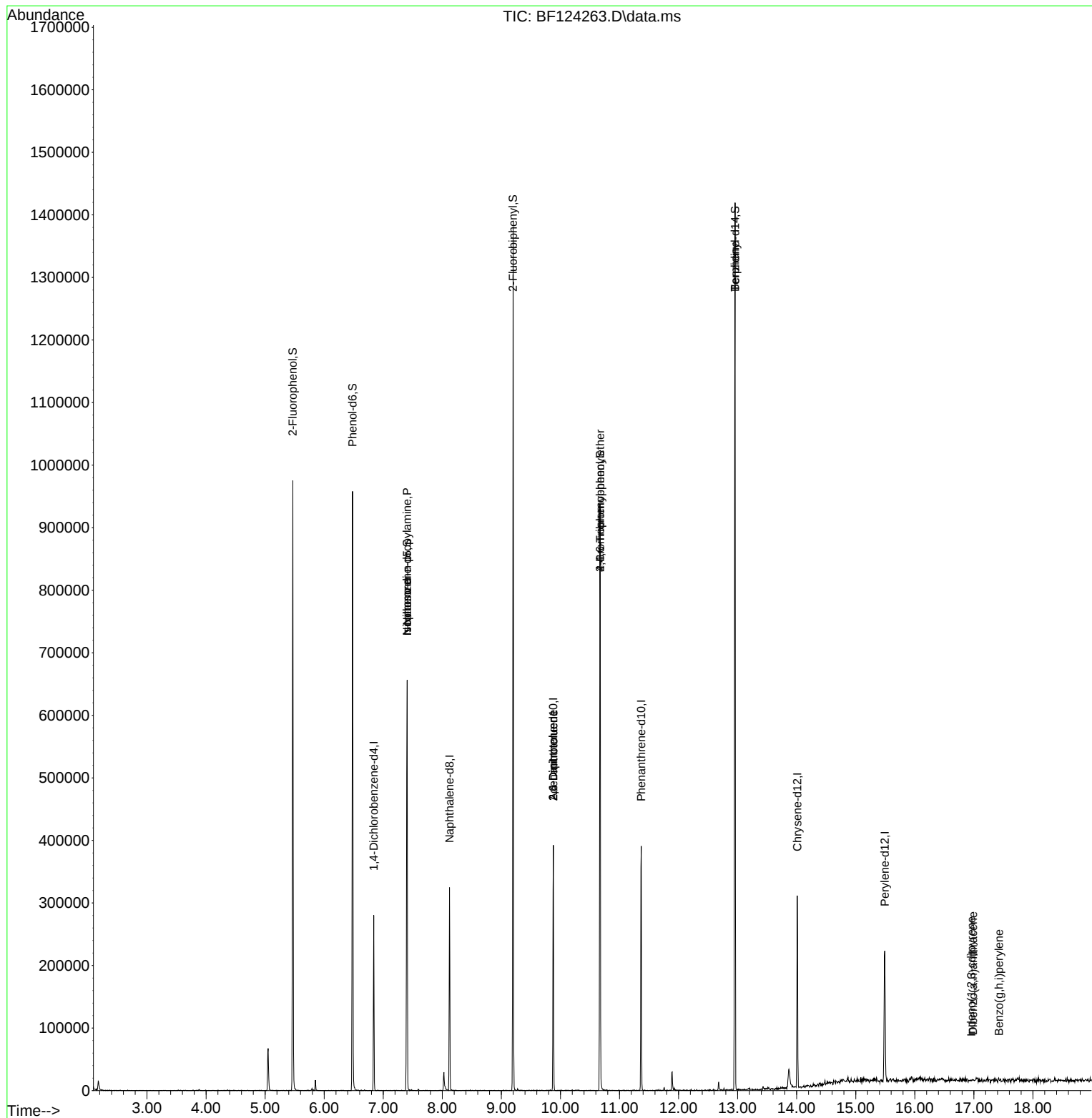
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	29715	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	119202	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	69933	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	136326	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	99717	20.000	ng	-0.01
86) Perylene-d12	15.492	264	88745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	196595	99.594	ng	-0.01
7) Phenol-d6	6.481	99	250380	94.365	ng	-0.02
23) Nitrobenzene-d5	7.404	82	192238	63.962	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	99413	100.338	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	348463	62.702	ng	-0.01
79) Terphenyl-d14	12.957	244	410347	56.499	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	27433	14.646	ng	# 63
25) Isophorone	7.404	82	192234	35.494	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	8783	6.621	ng	# 13
57) 2,4-Dinitrotoluene	9.880	165	8783	5.020	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	6453	3.449	ng	# 1
77) Benzidine	12.957	184	8086	7.246	ng	# 85
87) Indeno(1,2,3-cd)pyrene	16.956	276	108	4.348	ng	# 53
91) Dibenzo(a,h)anthracene	16.986	278	107	4.190	ng	# 57
92) Benzo(g,h,i)perylene	17.427	276	170	3.832	ng	# 56

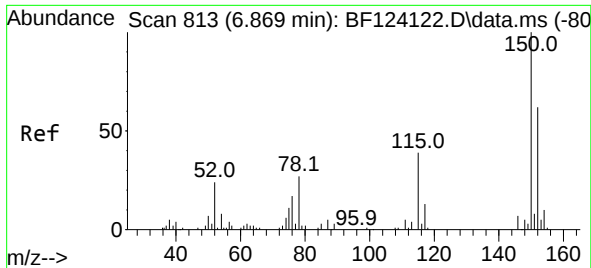
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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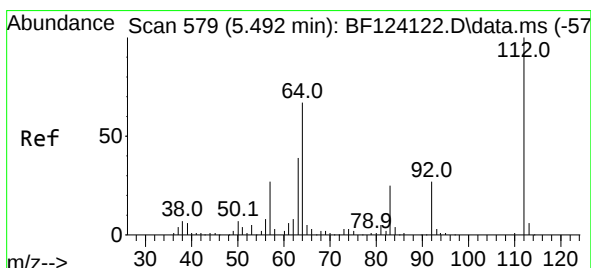
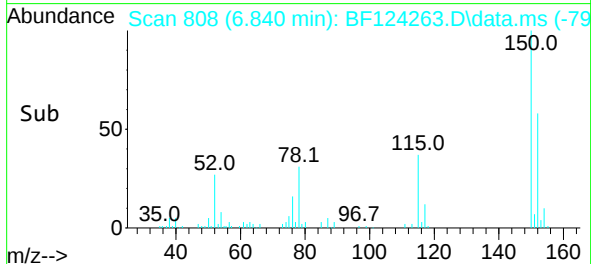
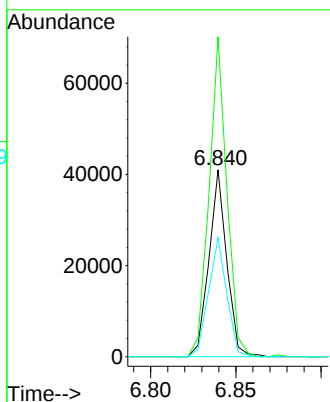
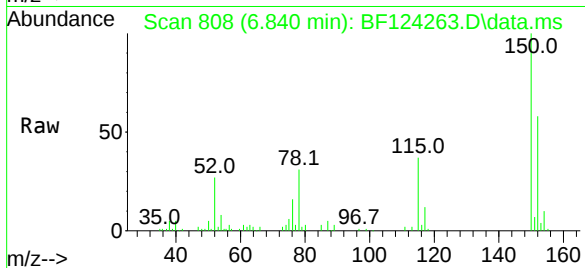




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

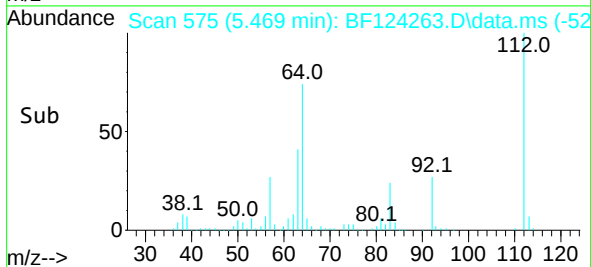
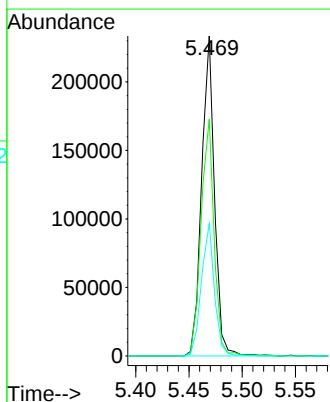
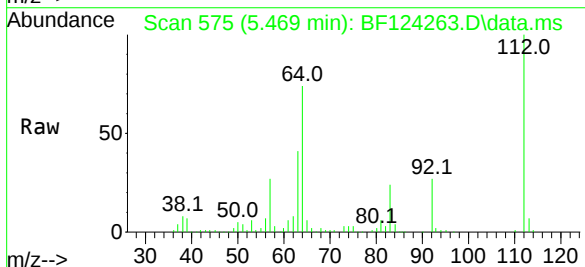
Instrument :
BNA_F
ClientSampleId :
18-B12(162-166)

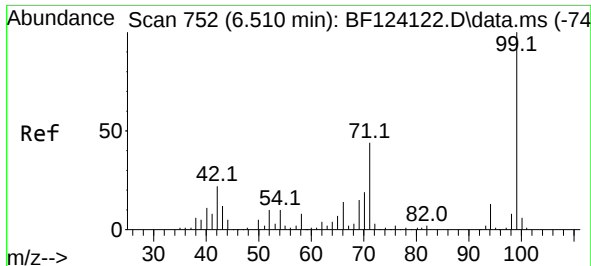
Tgt Ion:152 Resp: 29715
Ion Ratio Lower Upper
152 100
150 171.3 127.0 190.6
115 63.7 54.3 81.5



#5
2-Fluorophenol
Concen: 99.594 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Tgt Ion:112 Resp: 196595
Ion Ratio Lower Upper
112 100
64 74.0 61.4 92.0
63 41.4 33.0 49.4

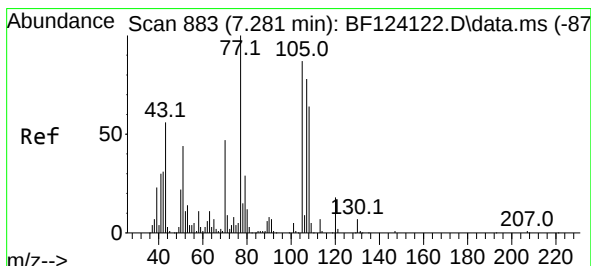
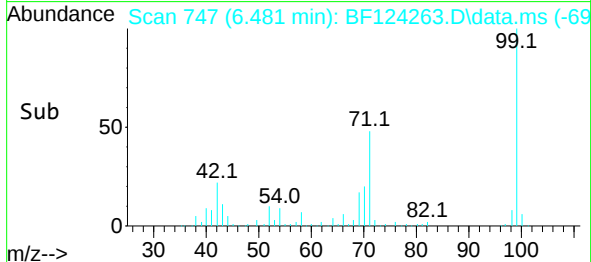
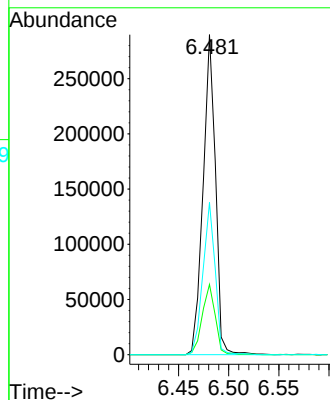
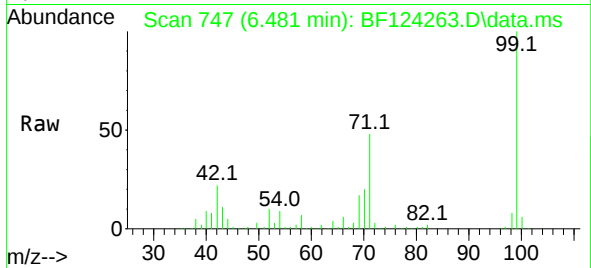




#7
Phenol-d6
Concen: 94.365 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.017 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

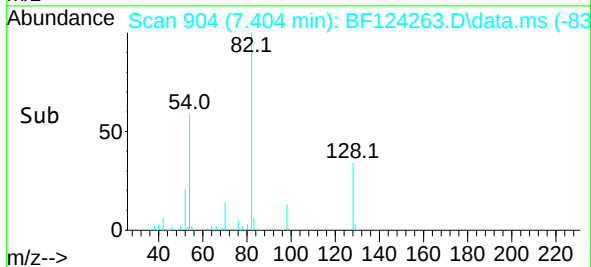
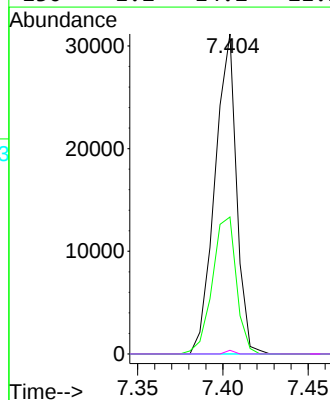
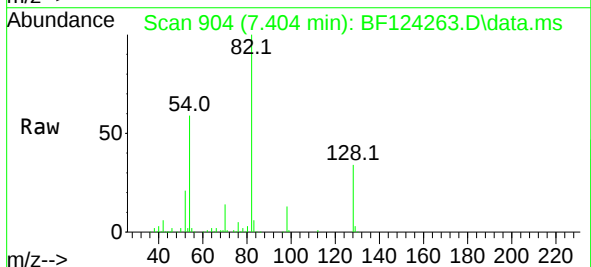
Instrument :
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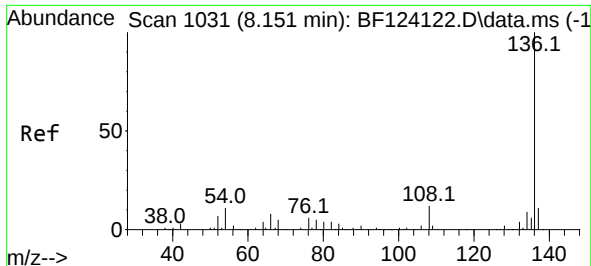
Tgt Ion: 99 Resp: 250380
Ion Ratio Lower Upper
99 100
42 22.0 19.8 29.8
71 47.5 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 14.646 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

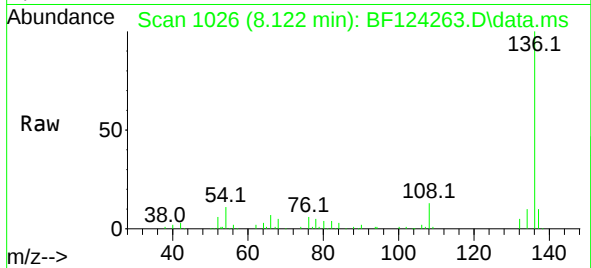
Tgt Ion: 70 Resp: 27433
Ion Ratio Lower Upper
70 100
42 42.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.2 14.2 21.2#



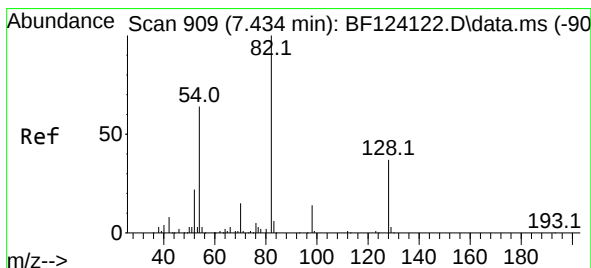
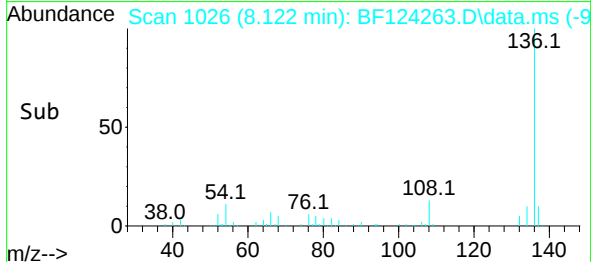
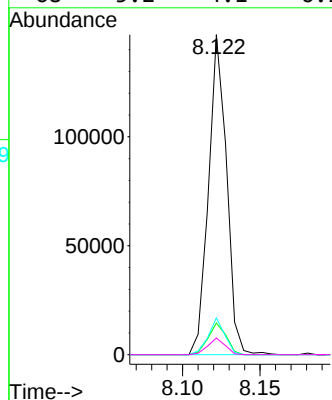


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Instrument :
BNA_F
ClientSampleId :
18-B12(162-166)

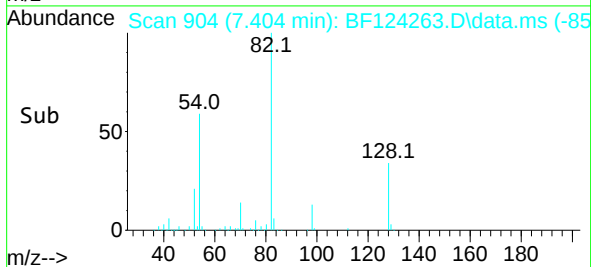
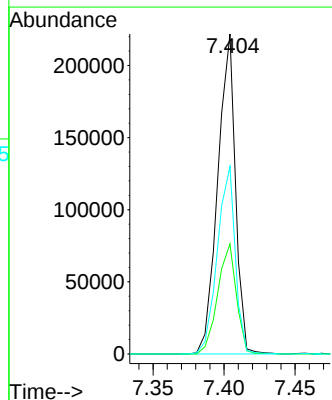
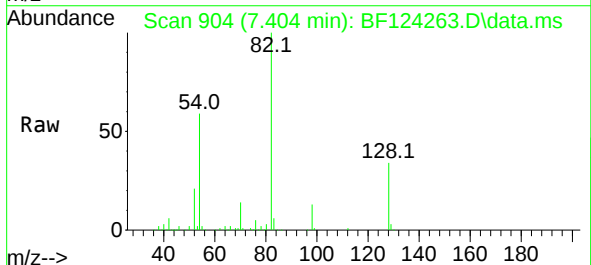


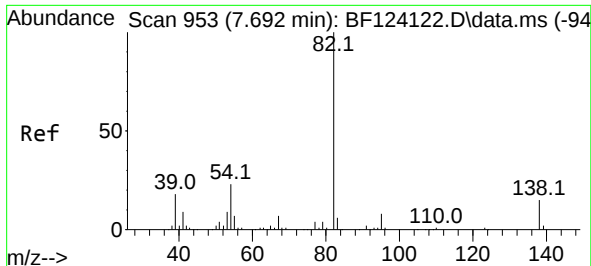
Tgt Ion:136	Resp: 119202
Ion Ratio	Lower Upper
136	100
137	9.9 8.7 13.1
54	11.5 9.8 14.6
68	5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 63.962 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Tgt Ion: 82	Resp: 192238
Ion Ratio	Lower Upper
82	100
128	34.4 29.4 44.2
54	58.6 54.1 81.1

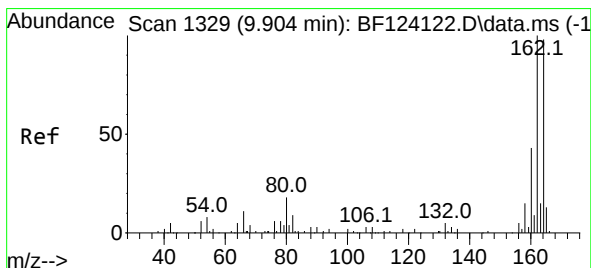
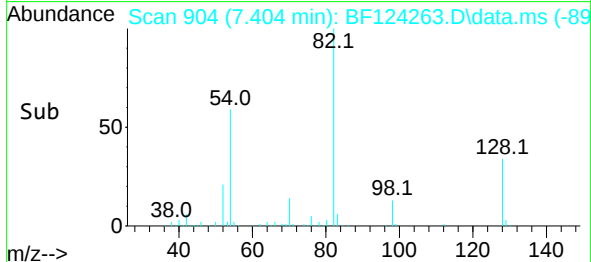
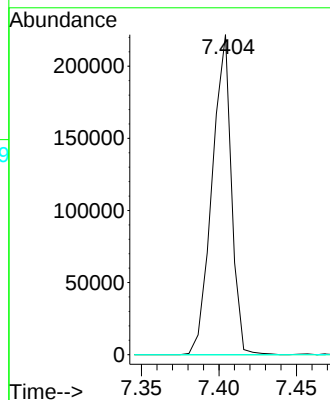
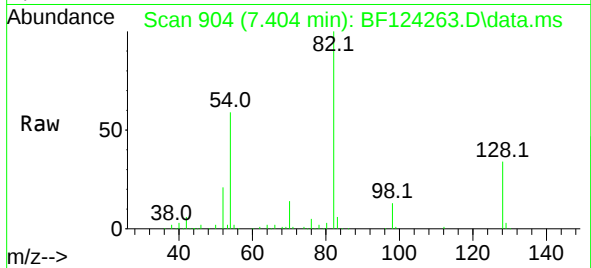




#25
Isophorone
Concen: 35.494 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

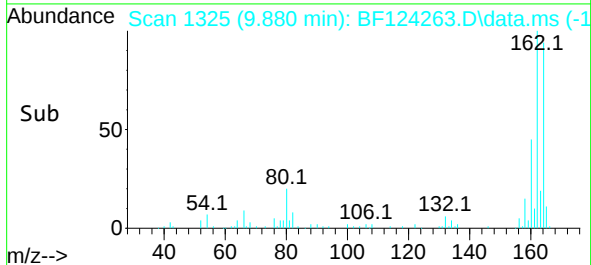
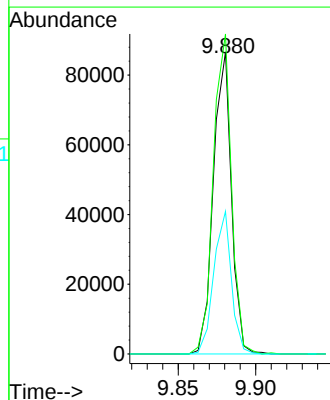
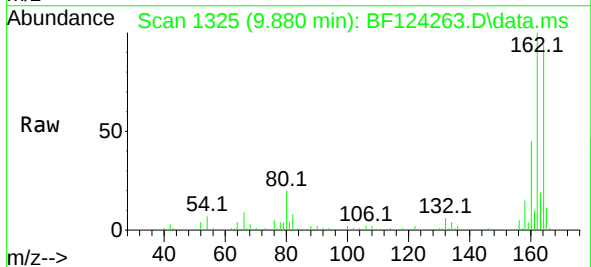
Instrument :
BNA_F
ClientSampleId :
18-B12(162-166)

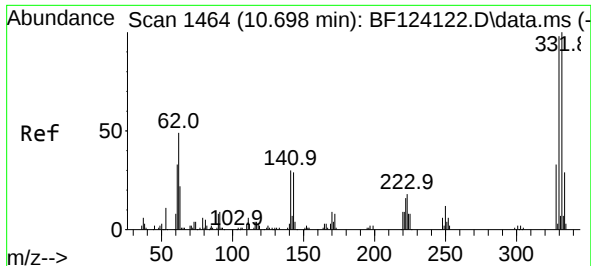
Tgt Ion: 82 Resp: 192234
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Tgt Ion:164 Resp: 69933
Ion Ratio Lower Upper
164 100
162 106.0 80.7 121.1
160 47.2 37.3 55.9

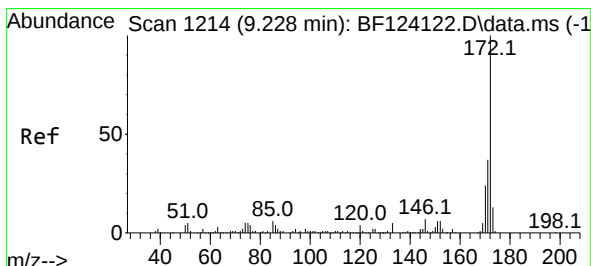
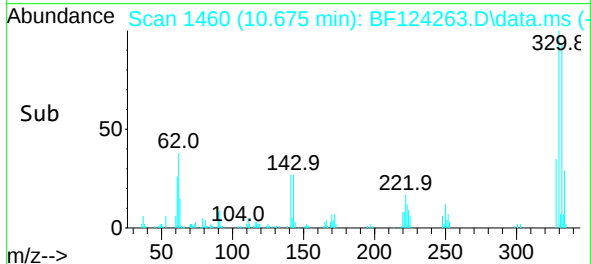
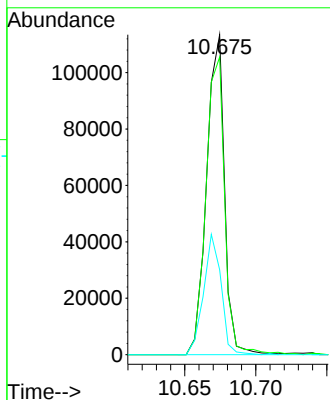
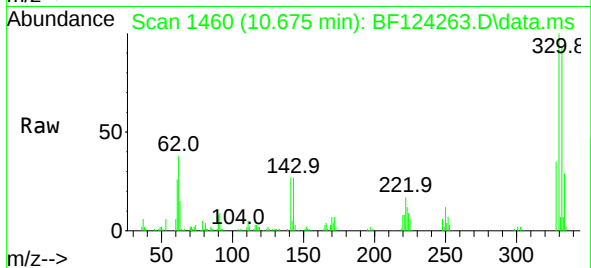




#42
2,4,6-Tribromophenol
Concen: 100.338 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

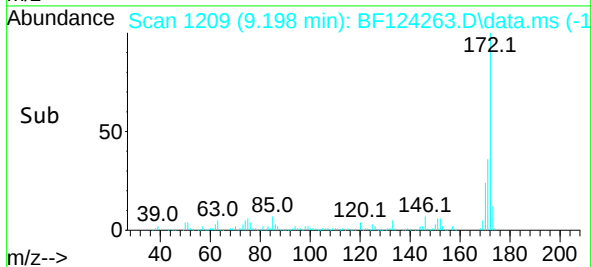
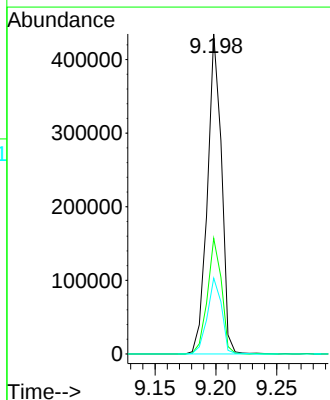
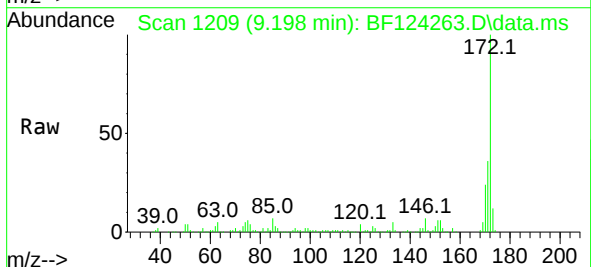
Instrument :
BNA_F
ClientSampleId :
18-B12(162-166)

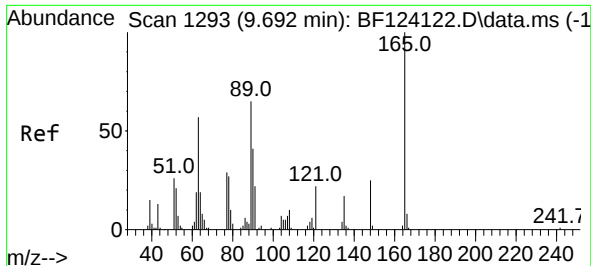
Tgt Ion: 330 Resp: 99413
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 36.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 62.702 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Tgt Ion: 172 Resp: 348463
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.7 19.2 28.8

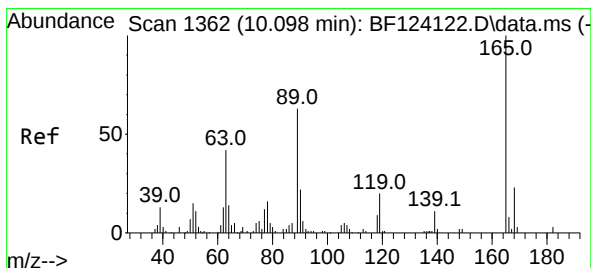
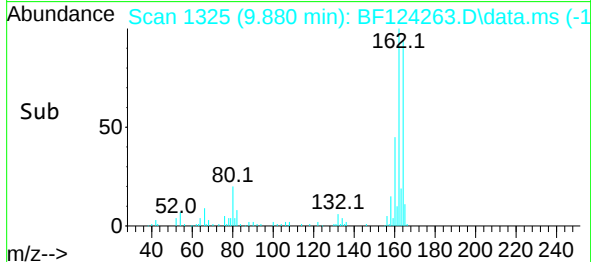
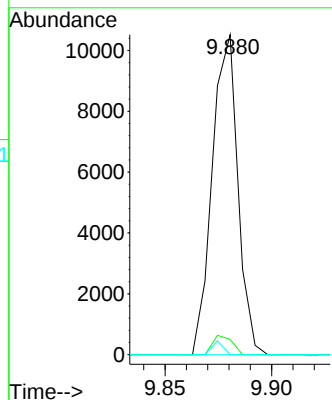
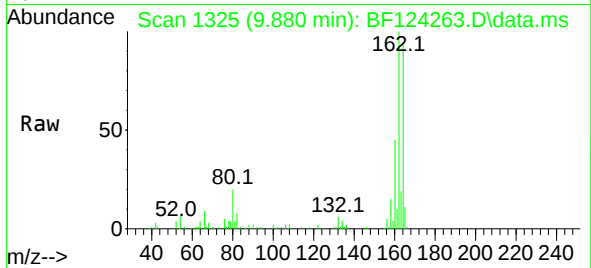




#51
2,6-Dinitrotoluene
Concen: 6.621 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

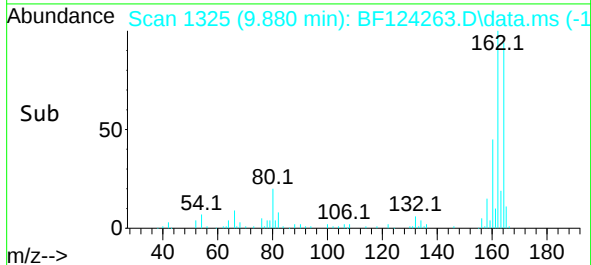
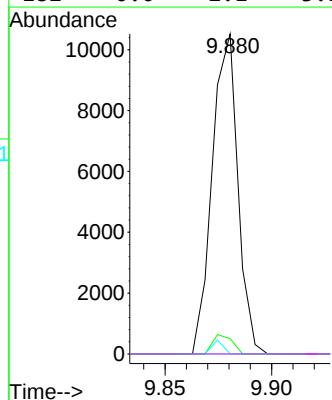
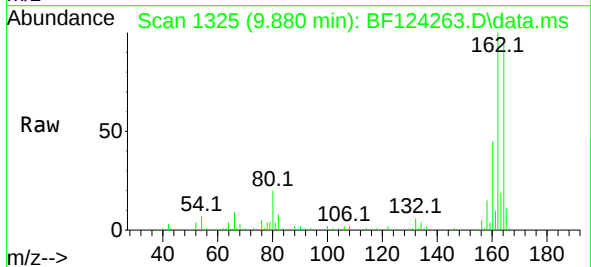
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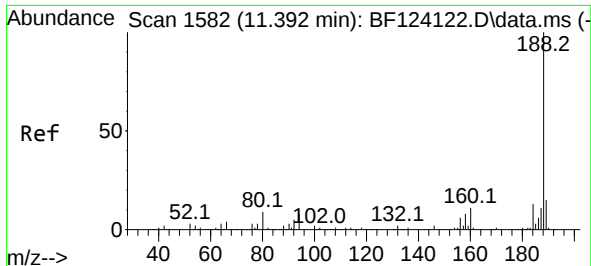
Tgt Ion:165 Resp: 8783
Ion Ratio Lower Upper
165 100
63 4.8 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.020 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Tgt Ion:165 Resp: 8783
Ion Ratio Lower Upper
165 100
63 4.8 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

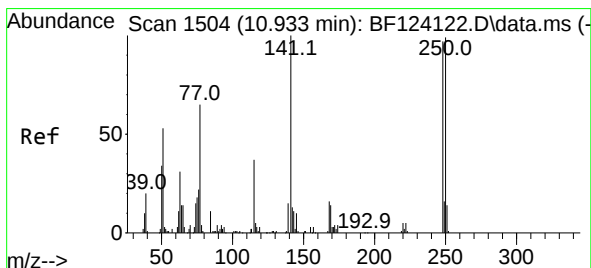
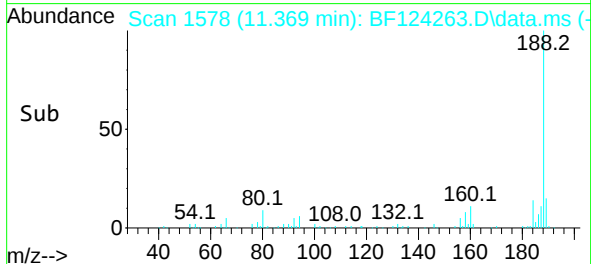
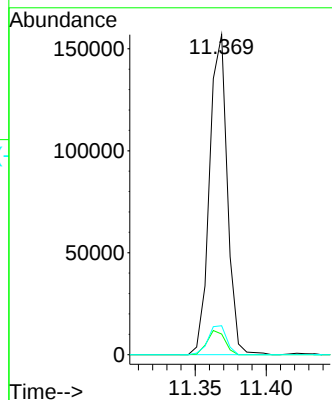
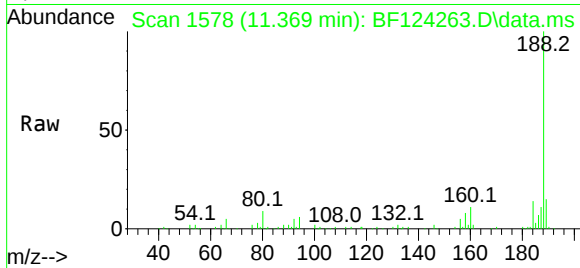




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

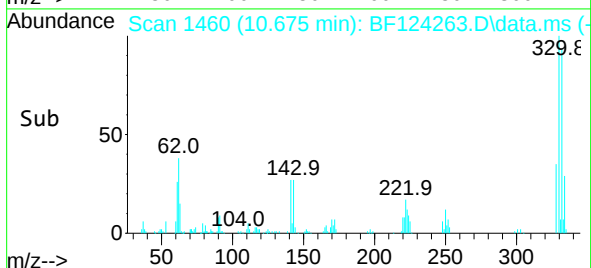
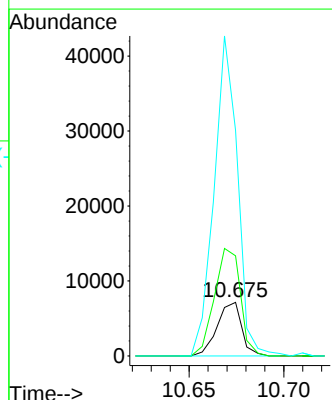
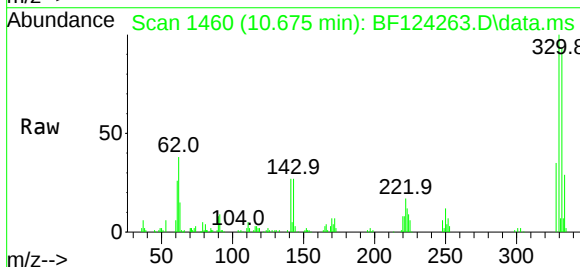
Instrument :
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18-B12(162-166)

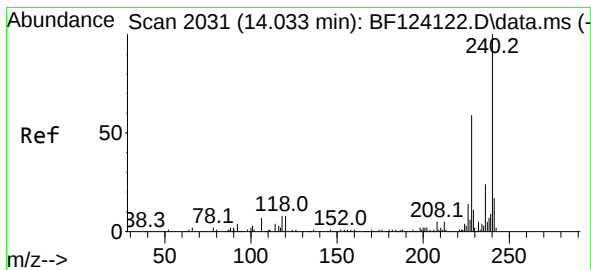
Tgt Ion:188 Resp: 136326
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 9.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.449 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Tgt Ion:248 Resp: 6453
Ion Ratio Lower Upper
248 100
250 186.8 77.4 116.2#
141 420.7 63.7 95.5#

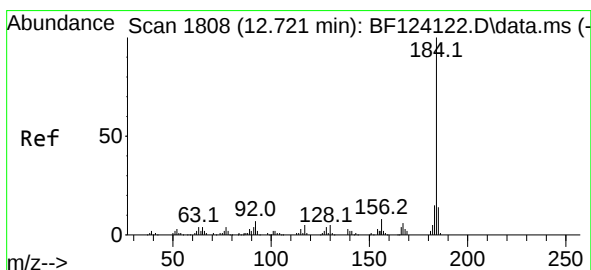
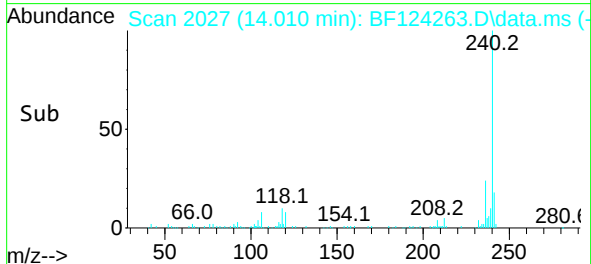
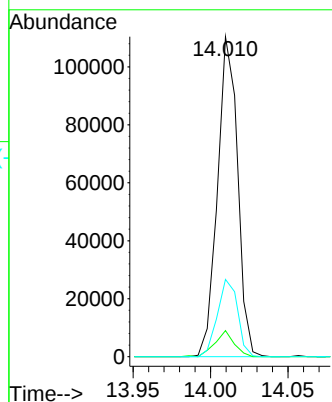
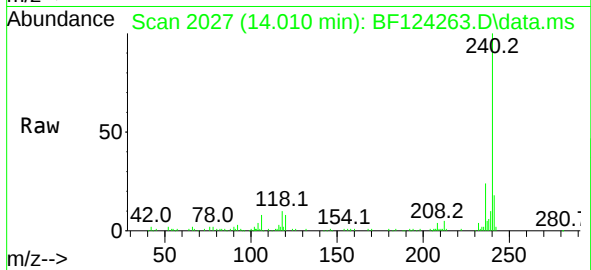




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

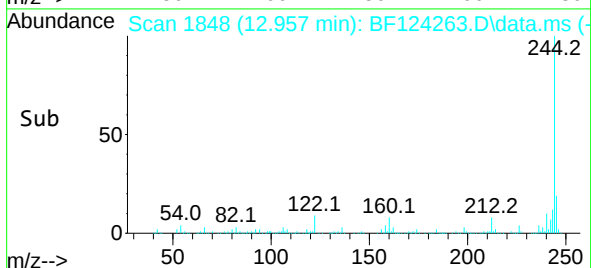
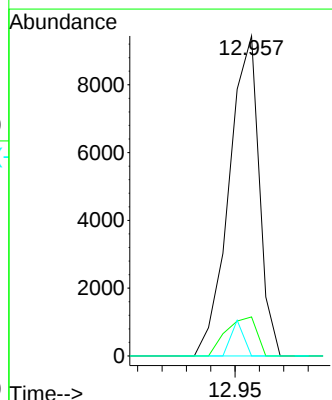
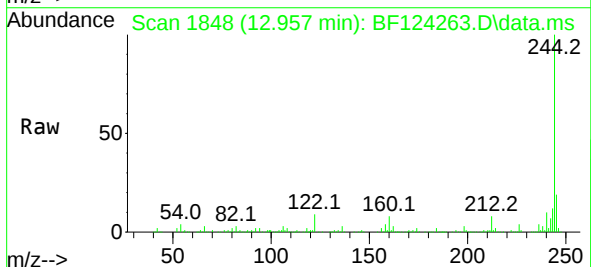
Instrument :
BNA_F
ClientSampleId :
18-B12(162-166)

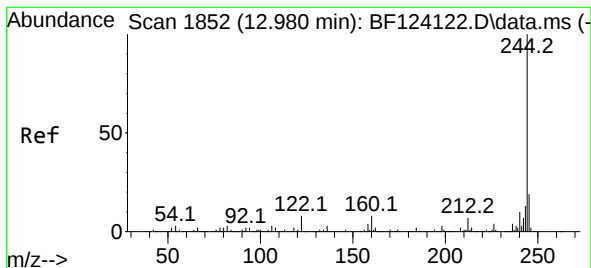
Tgt Ion:240 Resp: 99717
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 24.1 19.0 28.4



#77
Benzidine
Concen: 7.246 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Tgt Ion:184 Resp: 8086
Ion Ratio Lower Upper
184 100
185 12.2 12.1 18.1
183 0.0 7.8 11.8#

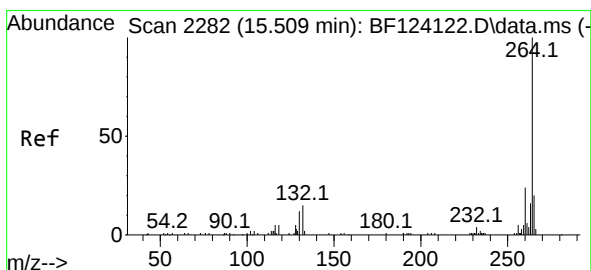
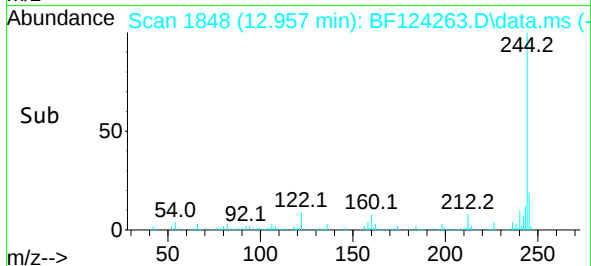
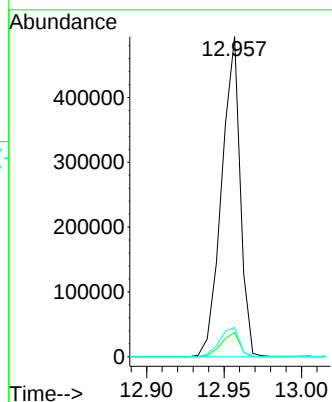
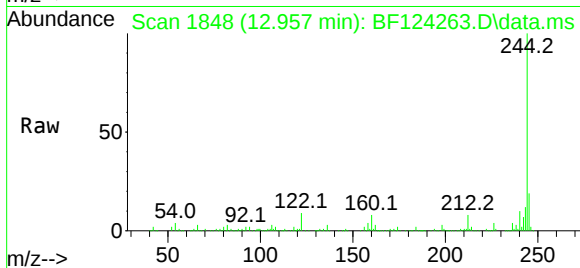




#79
 Terphenyl-d14
 Concen: 56.499 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124263.D
 Acq: 11 Jun 2021 16:23

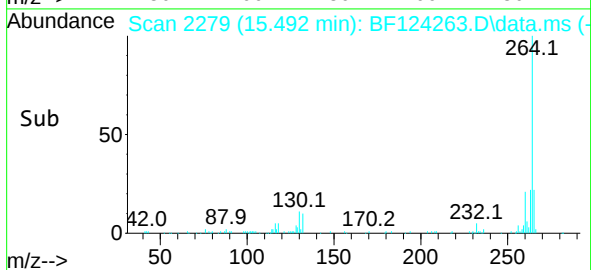
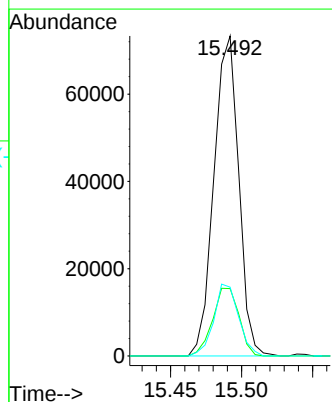
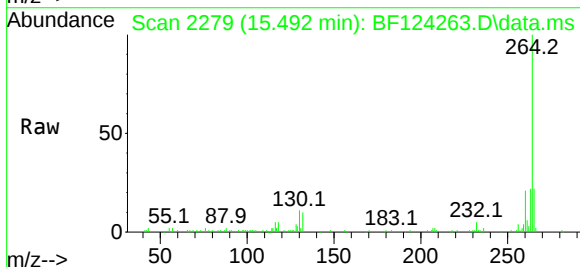
Instrument :
 BNA_F
 ClientSampleId :
 18-B12(162-166)

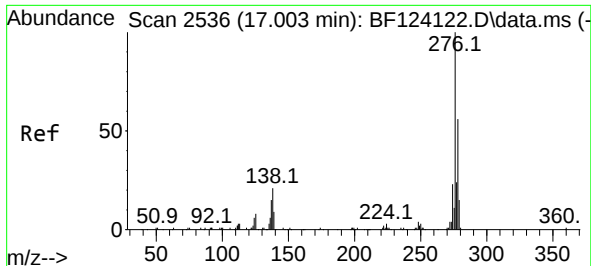
Tgt Ion:244 Resp: 410347
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 9.1 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF124263.D
 Acq: 11 Jun 2021 16:23

Tgt Ion:264 Resp: 88745
 Ion Ratio Lower Upper
 264 100
 260 21.1 18.7 28.1
 265 21.5 17.8 26.8

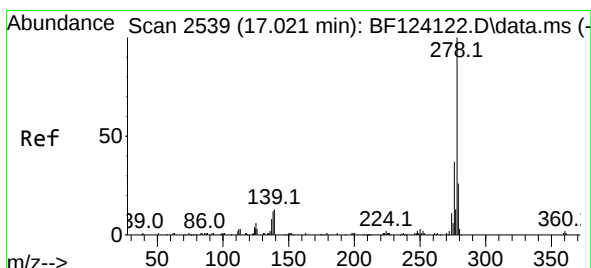
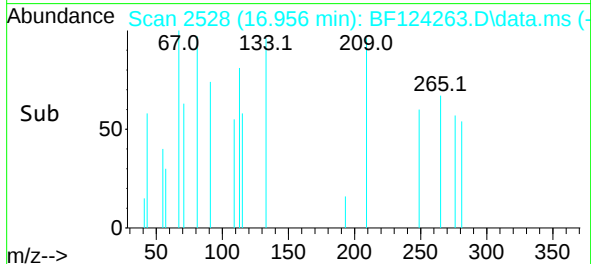
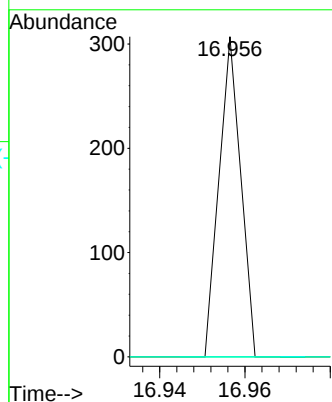
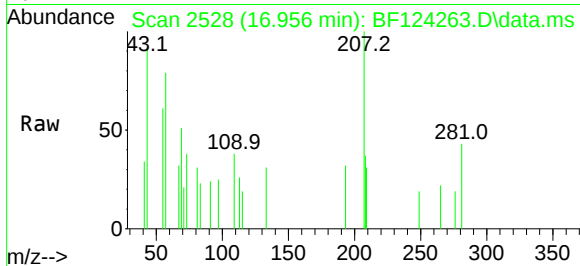




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.348 ng
RT: 16.956 min Scan# 2528
Delta R.T. -0.023 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

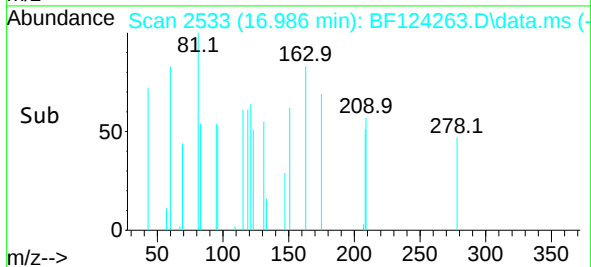
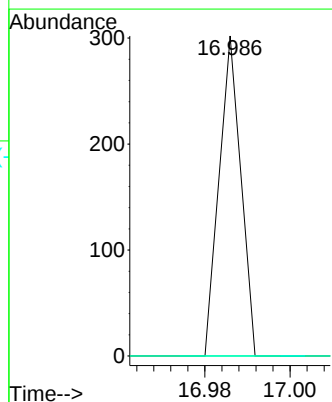
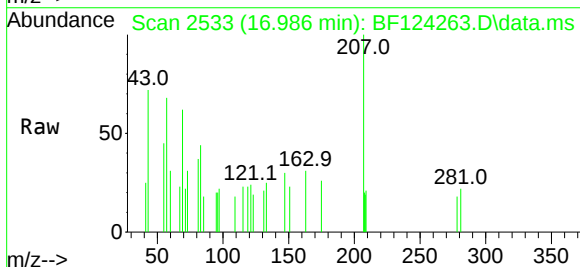
Instrument :
BNA_F
ClientSampleId :
18-B12(162-166)

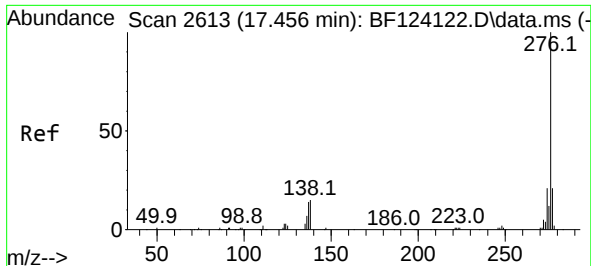
Tgt Ion:276 Resp: 108
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.190 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.006 min
Lab File: BF124263.D
Acq: 11 Jun 2021 16:23

Tgt Ion:278 Resp: 107
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#





#92

Benzo(g,h,i)perylene

Concen: 3.832 ng

RT: 17.427 min Scan# 2608

Delta R.T. -0.006 min

Lab File: BF124263.D

Acq: 11 Jun 2021 16:23

Instrument :

BNA_F

ClientSampleId :

18-B12(162-166)

Tgt Ion:276 Resp: 170

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 13.8 20.6#

