

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124274.D
 Acq On : 11 Jun 2021 22:19
 Operator : JU/CG
 Sample : M2625-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(182-186)

Quant Time: Jun 11 23:47:38 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)

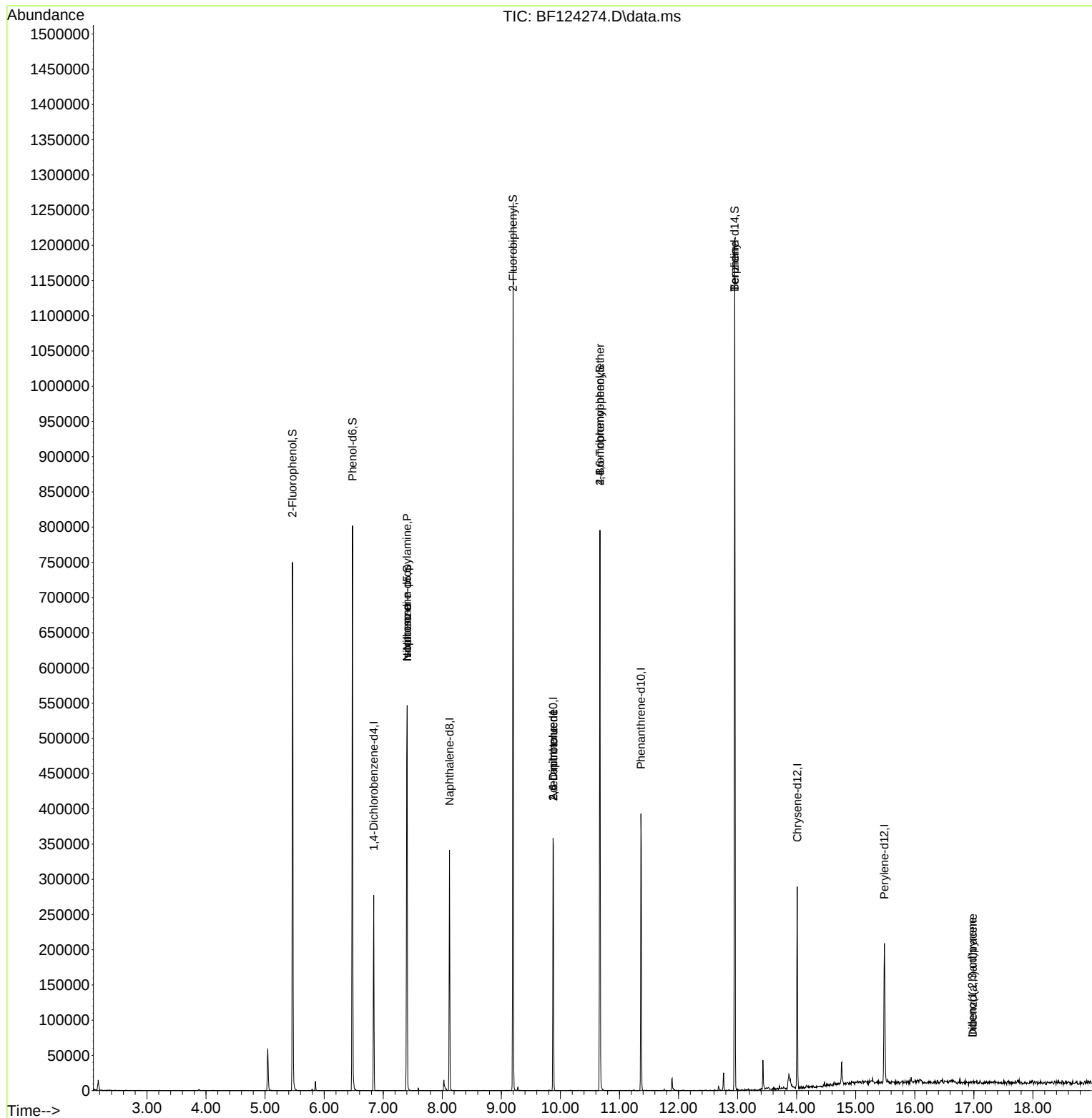
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	31329	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	119820	20.00	ng	#-0.01
39) Acenaphthene-d10	9.881	164	70393	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	135602	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	87523	20.00	ng	#-0.01
86) Perylene-d12	15.486	264	87408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	161449	77.58	ng	-0.02
7) Phenol-d6	6.481	99	208199	74.42	ng	-0.02
23) Nitrobenzene-d5	7.404	82	162508	53.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	76850	77.06	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	295563	52.84	ng	-0.01
79) Terphenyl-d14	12.951	244	336301	52.75	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	23139	11.72	ng	# 69
25) Isophorone	7.404	82	162506	29.85	ng	# 69
51) 2,6-Dinitrotoluene	9.881	165	9381	7.03	ng	# 10
57) 2,4-Dinitrotoluene	9.881	165	9381	5.33	ng	# 15
67) 4-Bromophenyl-phenylether	10.669	248	5240	2.82	ng	# 1
77) Benzidine	12.951	184	5909	6.71	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	129	4.35	ng	# 1
91) Dibenzo(a,h)anthracene	16.980	278	140	4.20	ng	# 57

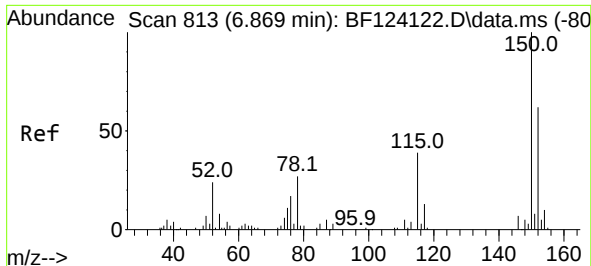
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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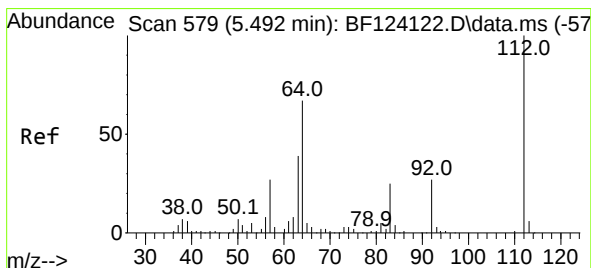
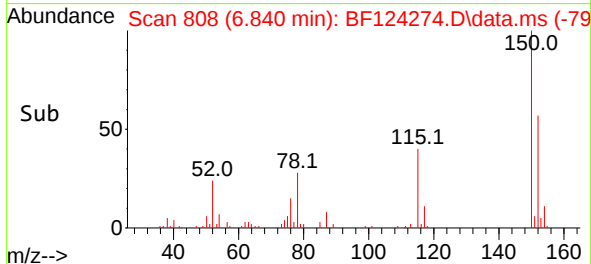
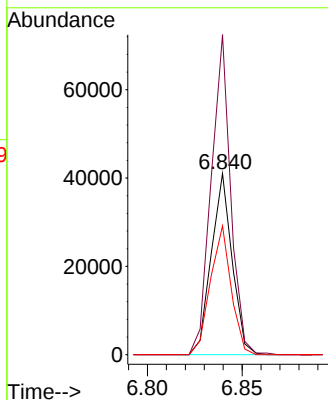
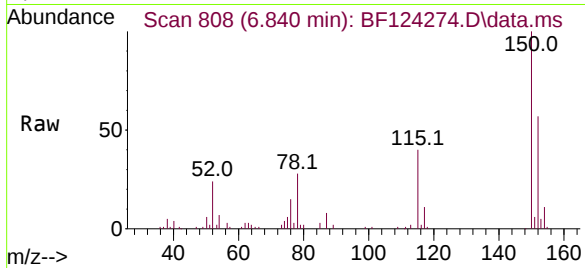




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

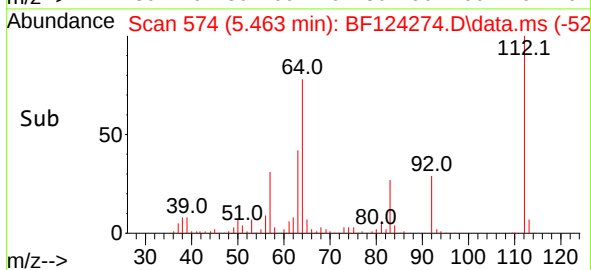
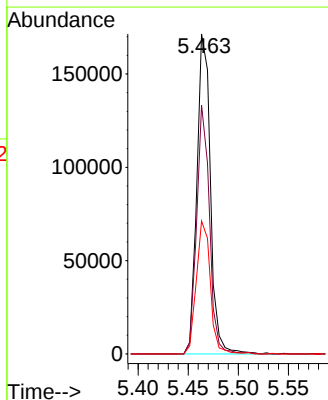
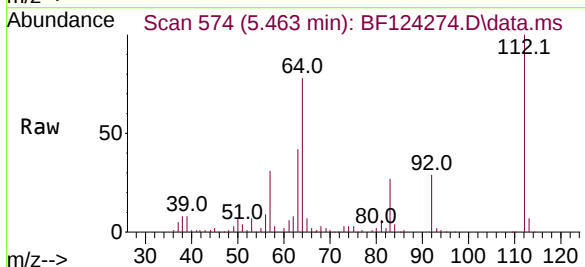
Instrument :
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18-B12(182-186)

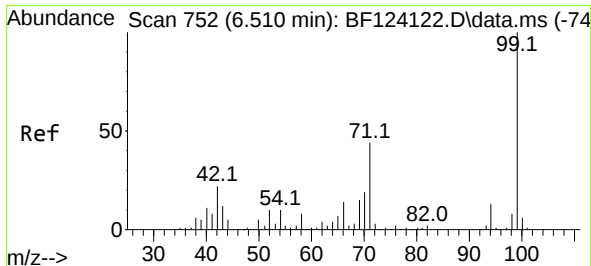
Tgt Ion:152 Resp: 31329
Ion Ratio Lower Upper
152 100
150 176.6 127.0 190.6
115 71.1 54.3 81.5



#5
2-Fluorophenol
Concen: 77.58 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.017 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Tgt Ion:112 Resp: 161449
Ion Ratio Lower Upper
112 100
64 77.8 61.4 92.0
63 41.5 33.0 49.4

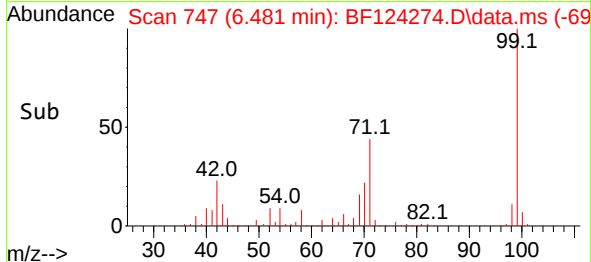
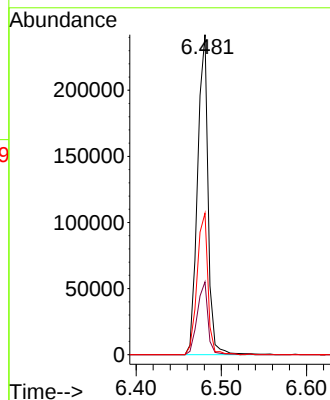
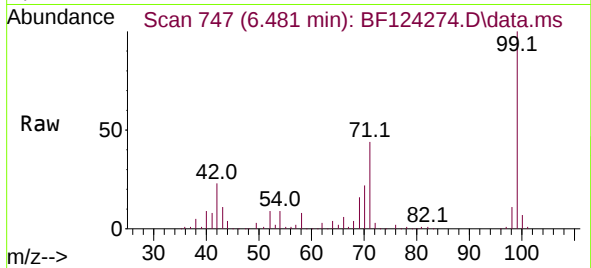




#7
Phenol-d6
Concen: 74.42 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.017 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

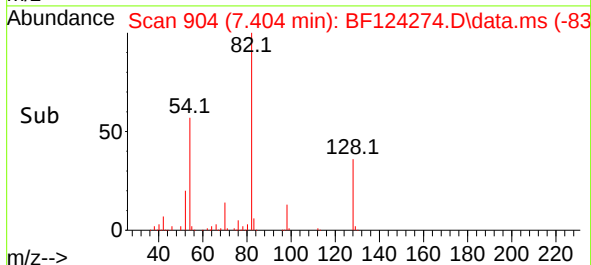
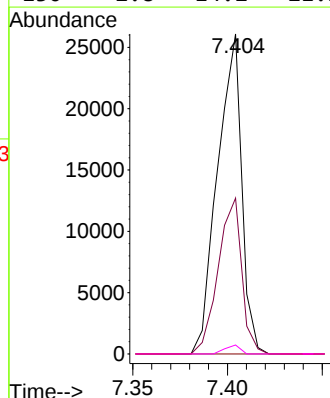
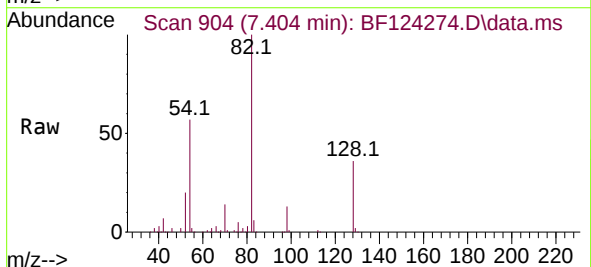
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BNA_F
ClientSampleId :
18-B12(182-186)

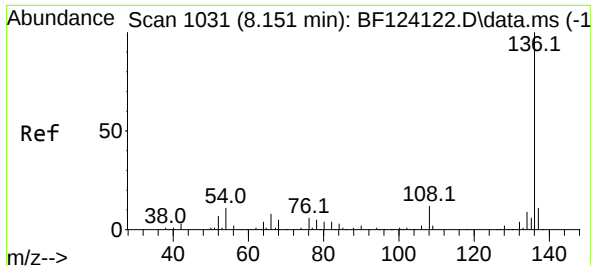
Tgt Ion: 99 Resp: 208199
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.8
71 44.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.72 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.136 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

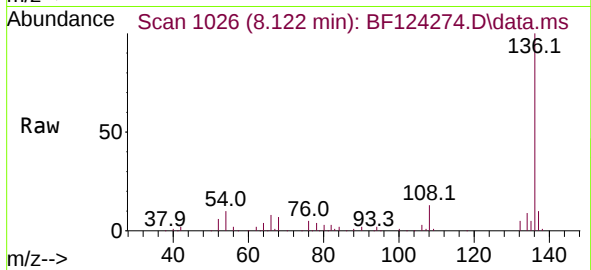
Tgt Ion: 70 Resp: 23139
Ion Ratio Lower Upper
70 100
42 48.7 60.1 90.1#
101 0.0 7.4 11.2#
130 2.8 14.2 21.2#



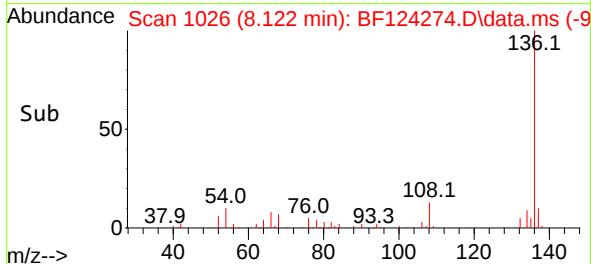
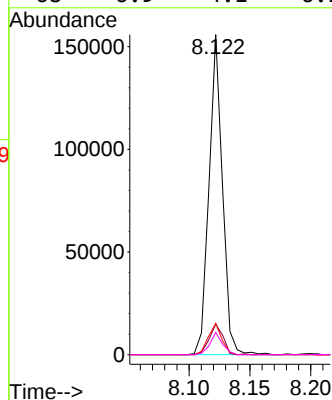


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.011 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Instrument :
BNA_F
ClientSampleId :
18-B12(182-186)

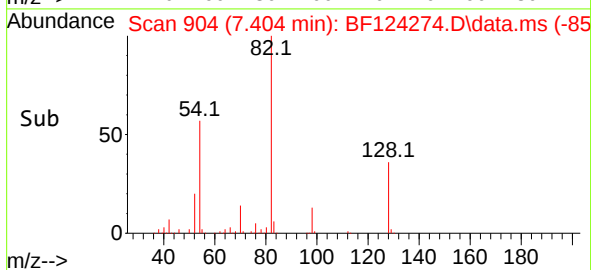
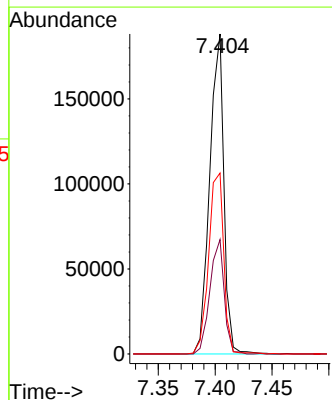
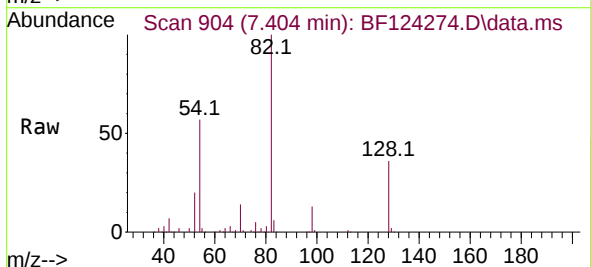


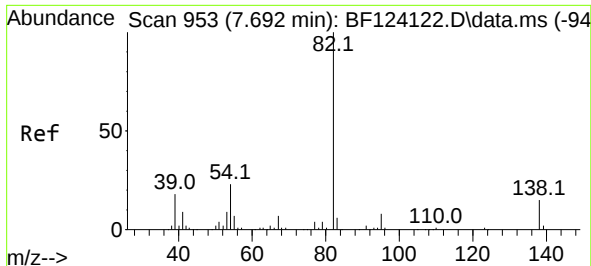
Tgt Ion:136 Resp: 119820
Ion Ratio Lower Upper
136 100
137 9.6 8.7 13.1
54 9.8 9.8 14.6
68 6.9 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 53.79 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.011 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Tgt Ion: 82 Resp: 162508
Ion Ratio Lower Upper
82 100
128 35.7 29.4 44.2
54 56.5 54.1 81.1

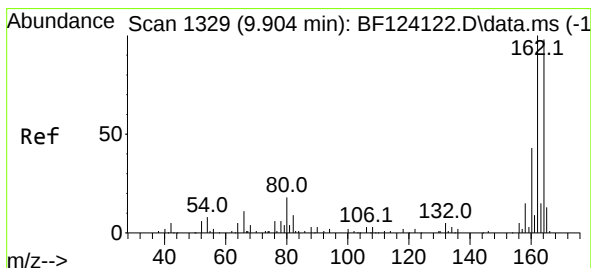
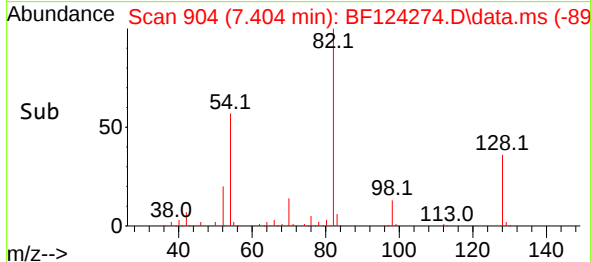
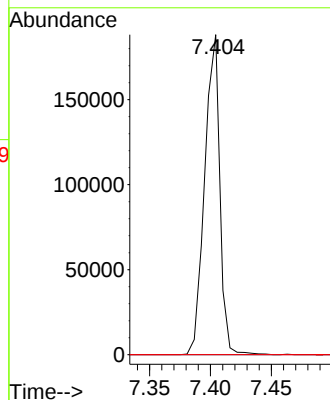
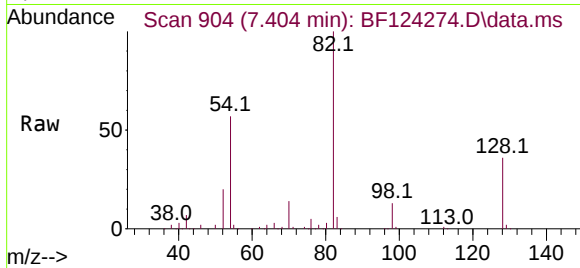




#25
Isophorone
Concen: 29.85 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

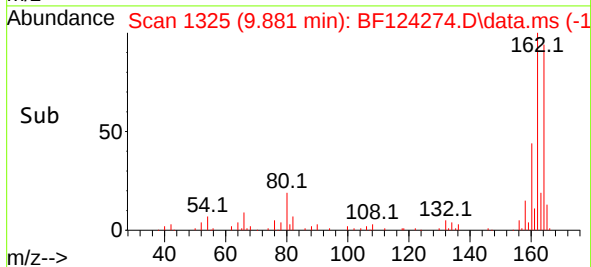
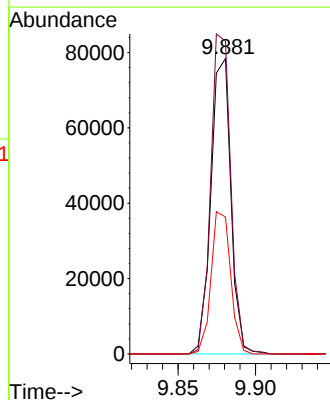
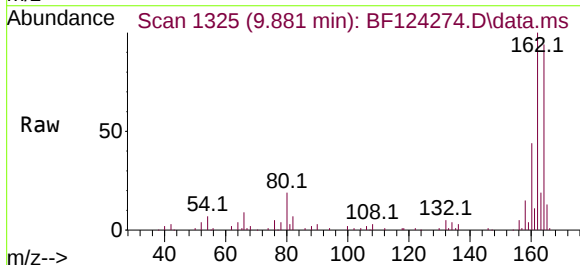
Instrument :
BNA_F
ClientSampleId :
18-B12(182-186)

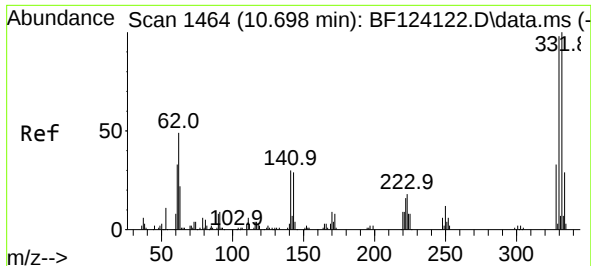
Tgt Ion: 82 Resp: 162506
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Tgt Ion: 164 Resp: 70393
Ion Ratio Lower Upper
164 100
162 106.0 80.7 121.1
160 46.4 37.3 55.9

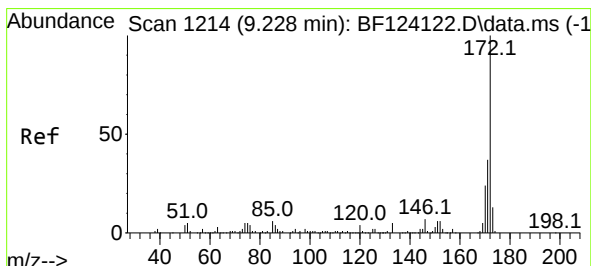
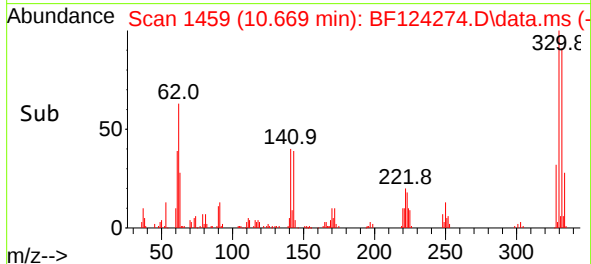
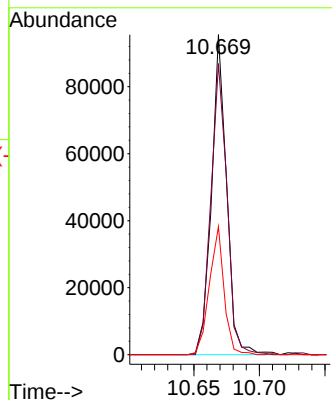
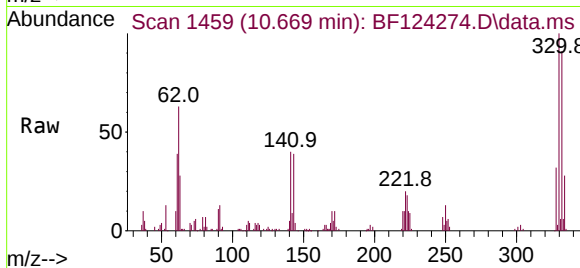




#42
2,4,6-Tribromophenol
Concen: 77.06 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.011 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

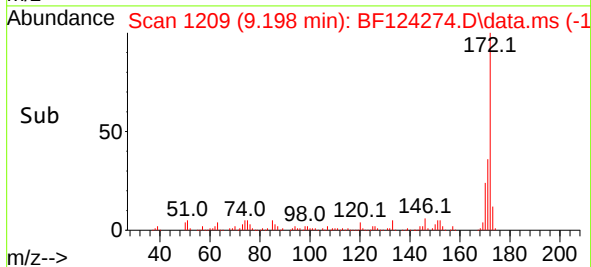
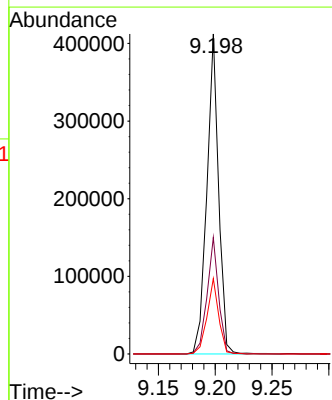
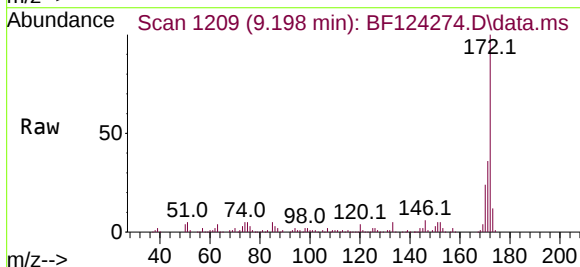
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18-B12(182-186)

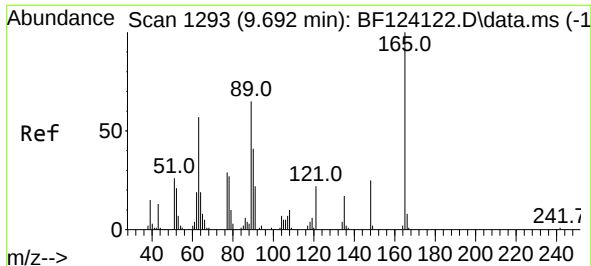
Tgt Ion: 330 Resp: 76850
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 39.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 52.84 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.011 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Tgt Ion: 172 Resp: 295563
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.6 19.2 28.8

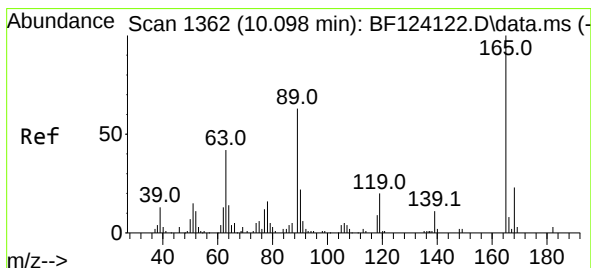
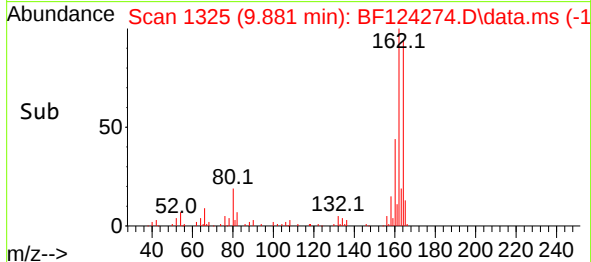
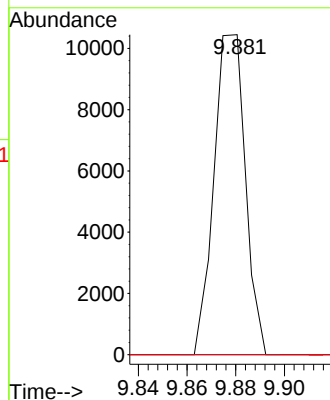
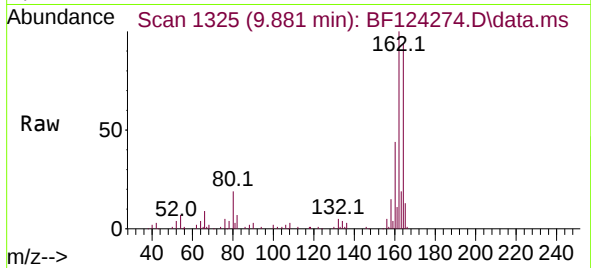




#51
2,6-Dinitrotoluene
Concen: 7.03 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

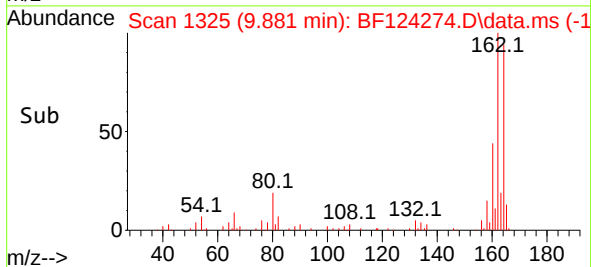
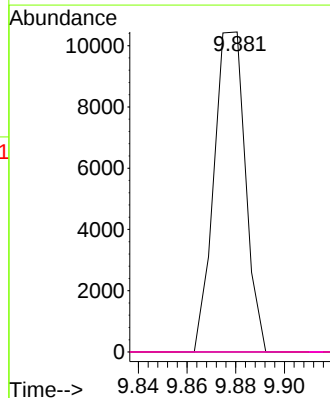
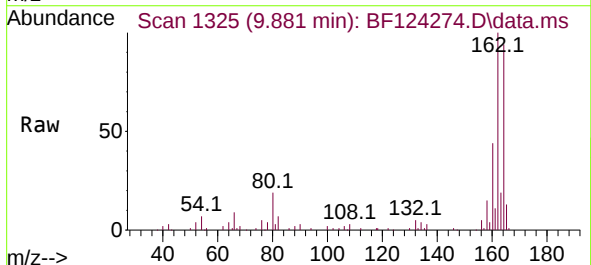
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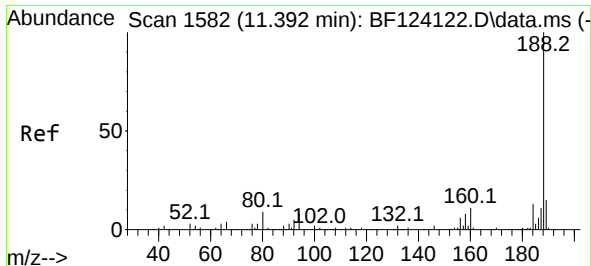
Tgt Ion:165 Resp: 9381
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.33 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Tgt Ion:165 Resp: 9381
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

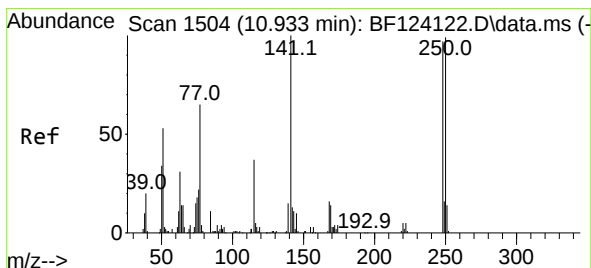
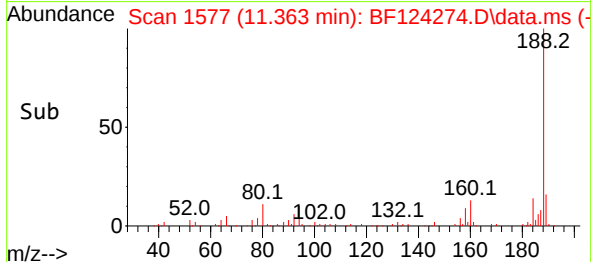
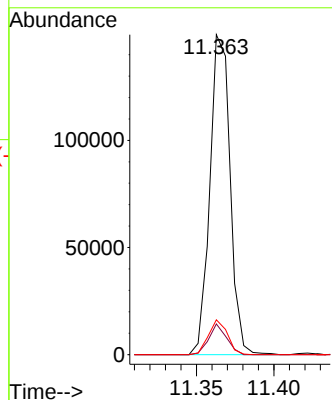
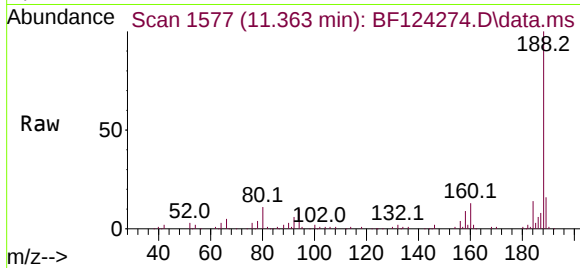




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

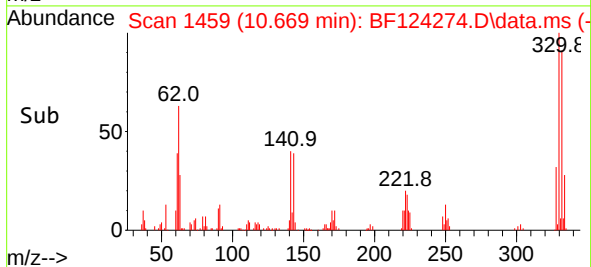
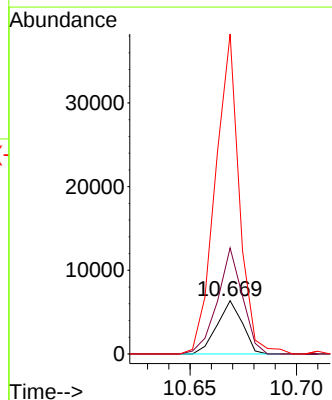
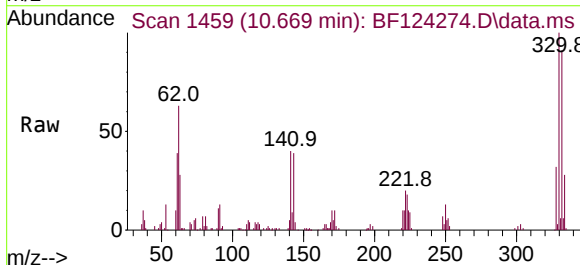
Instrument :
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18-B12(182-186)

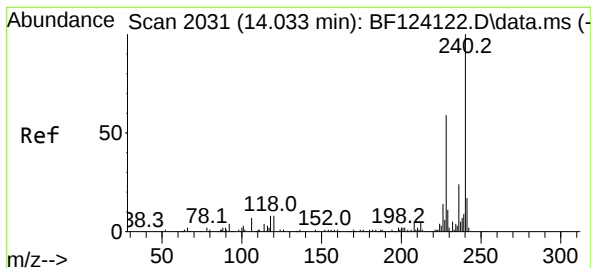
Tgt Ion:188 Resp: 135602
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Tgt Ion:248 Resp: 5240
Ion Ratio Lower Upper
248 100
250 199.0 77.4 116.2#
141 600.3 63.7 95.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.011 min

Lab File: BF124274.D

Acq: 11 Jun 2021 22:19

Tgt Ion:240 Resp: 87523

Ion Ratio Lower Upper

240 100

120 7.1 7.2 10.8#

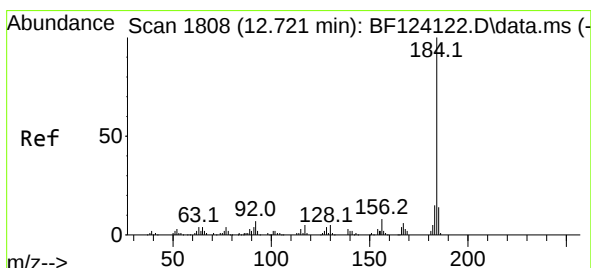
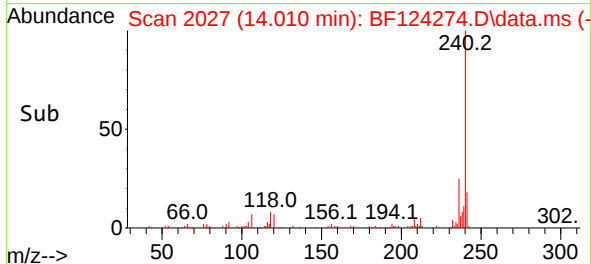
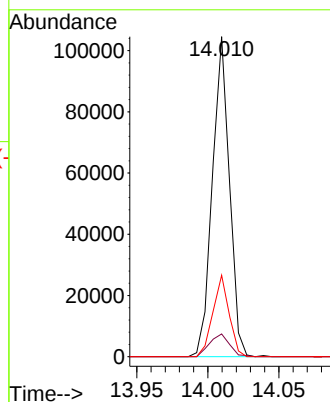
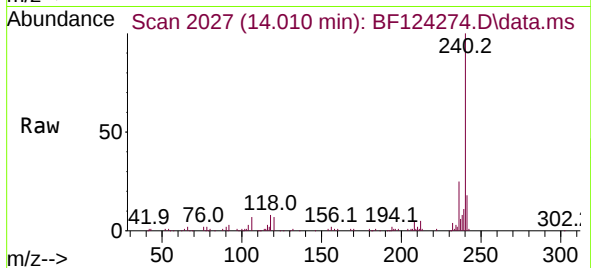
236 25.4 19.0 28.4

Instrument :

BNA_F

ClientSampleId :

18-B12(182-186)



#77

Benzidine

Concen: 6.71 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.241 min

Lab File: BF124274.D

Acq: 11 Jun 2021 22:19

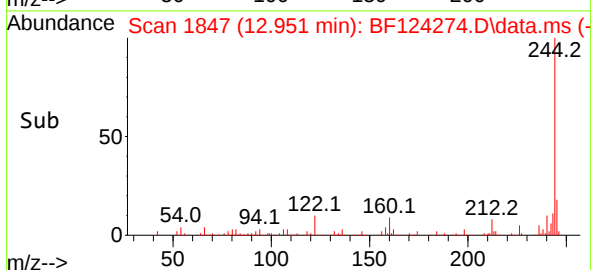
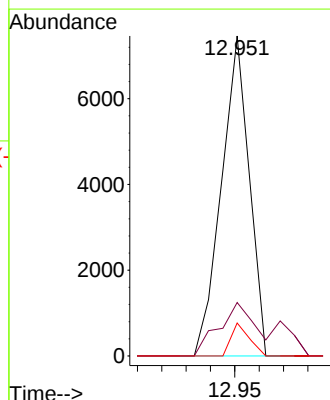
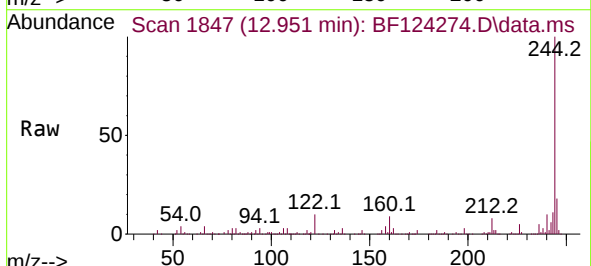
Tgt Ion:184 Resp: 5909

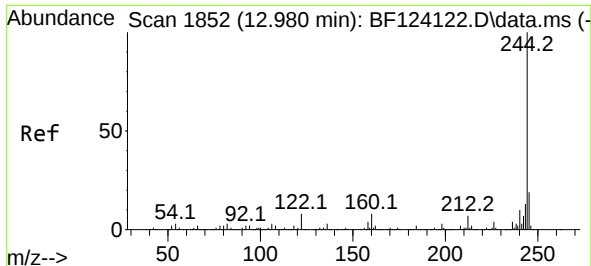
Ion Ratio Lower Upper

184 100

185 16.7 12.1 18.1

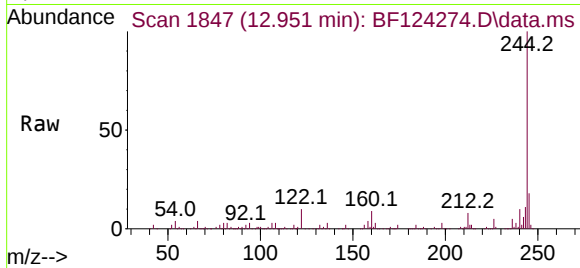
183 10.3 7.8 11.8



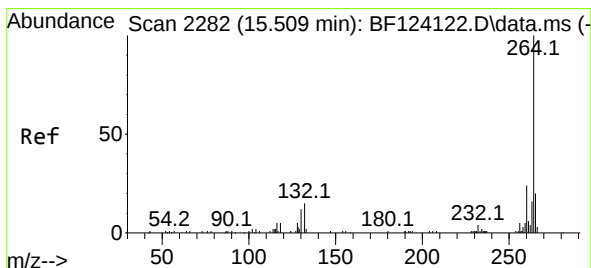
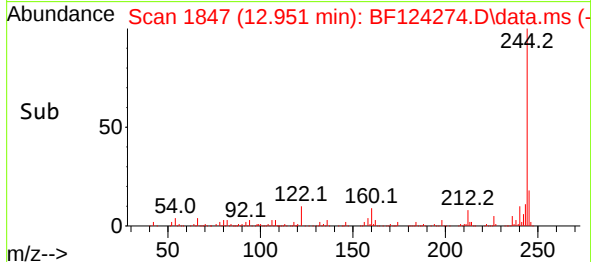
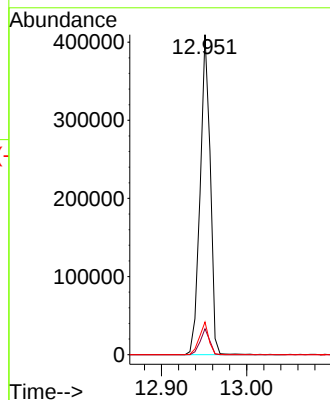


#79
 Terphenyl-d14
 Concen: 52.75 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.011 min
 Lab File: BF124274.D
 Acq: 11 Jun 2021 22:19

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(182-186)

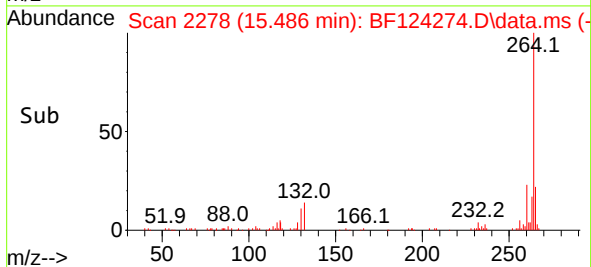
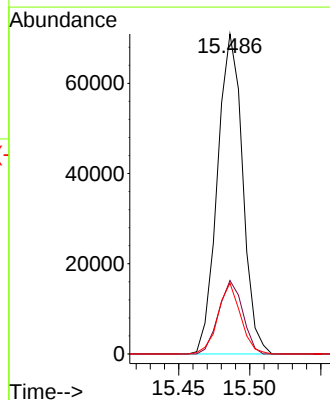
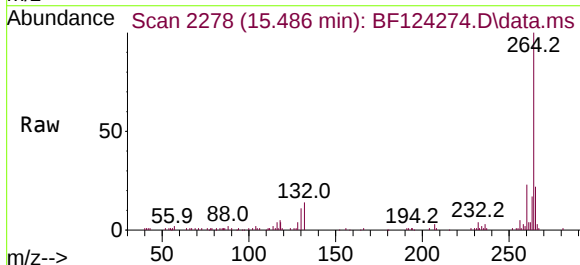


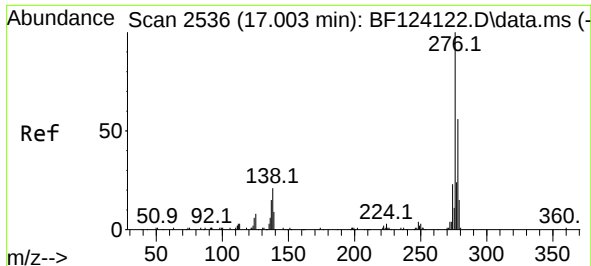
Tgt Ion:244 Resp: 336301
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 10.2 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF124274.D
 Acq: 11 Jun 2021 22:19

Tgt Ion:264 Resp: 87408
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 22.1 17.8 26.8

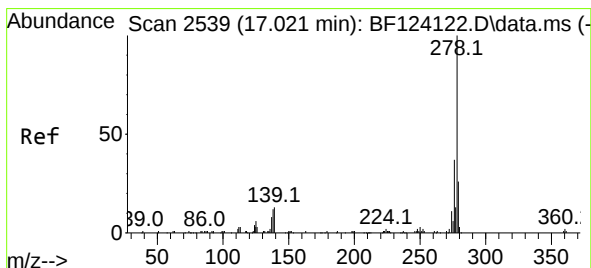
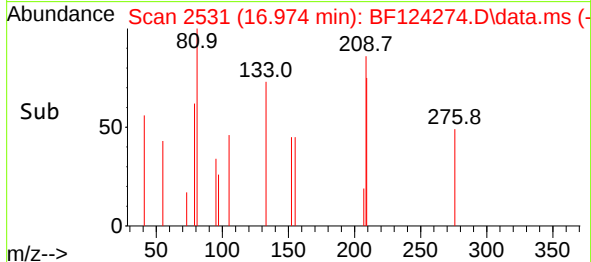
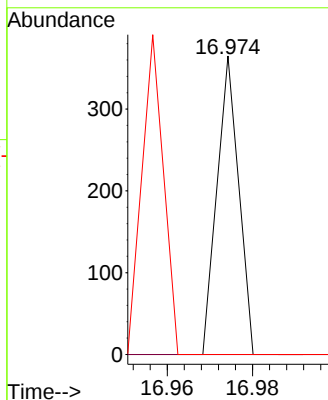
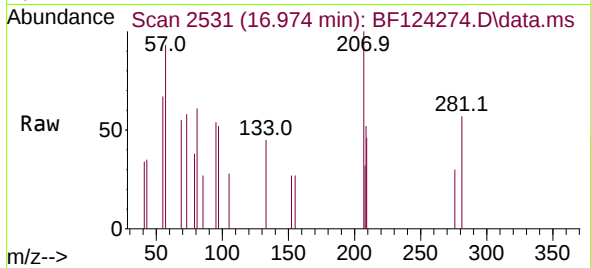




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.35 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Instrument :
BNA_F
ClientSampleId :
18-B12(182-186)

Tgt Ion:276 Resp: 129
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 107.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.20 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.011 min
Lab File: BF124274.D
Acq: 11 Jun 2021 22:19

Tgt Ion:278 Resp: 140
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#

