

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124182.D
 Acq On : 8 Jun 2021 16:07
 Operator : JU/CG
 Sample : M2613-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(106-110)

Quant Time: Jun 08 16:29:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

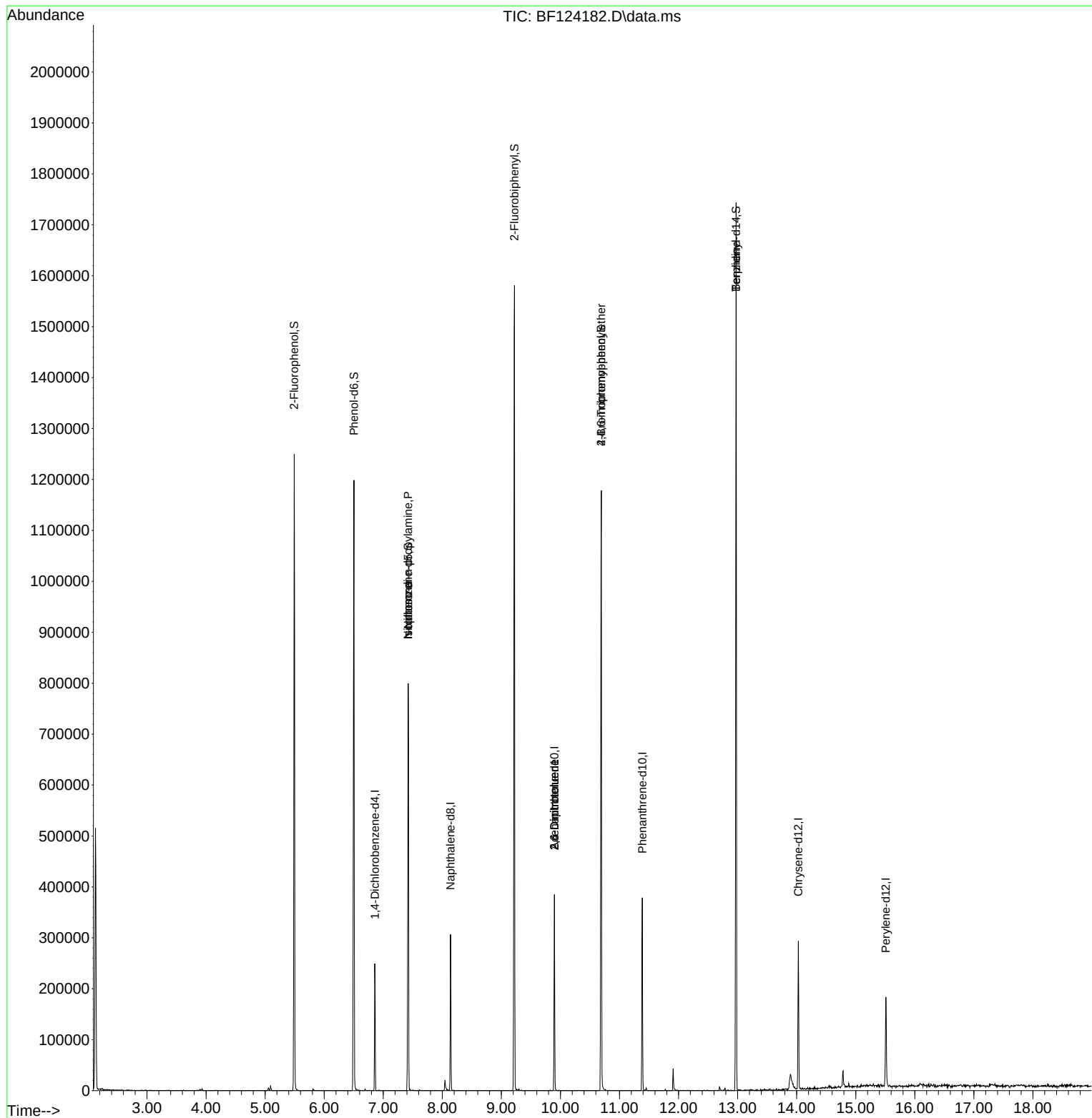
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	30428	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	110734	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	68136	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	120446	20.000	ng	0.00
76) Chrysene-d12	14.027	240	85968	20.000	ng	0.00
86) Perylene-d12	15.509	264	70099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	265324	131.262	ng	0.00
7) Phenol-d6	6.504	99	337639	124.270	ng	0.00
23) Nitrobenzene-d5	7.422	82	260233	93.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	127146	131.713	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	463382	85.579	ng	0.00
79) Terphenyl-d14	12.974	244	494956	79.047	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	36757	19.164	ng	# 67
25) Isophorone	7.422	82	260225	51.722	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	8756	6.774	ng	# 10
57) 2,4-Dinitrotoluene	9.898	165	8756	5.137	ng	# 15
67) 4-Bromophenyl-phenylether	10.692	248	8980	5.432	ng	# 1
77) Benzidine	12.974	184	9078	8.208	ng	# 91

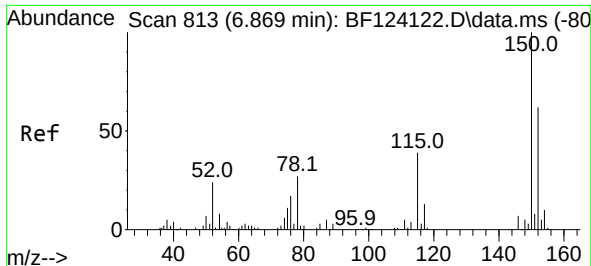
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124182.D
Acq On : 8 Jun 2021 16:07
Operator : JU/CG
Sample : M2613-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

Quant Time: Jun 08 16:29:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

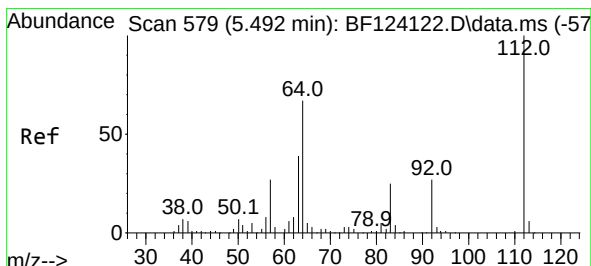
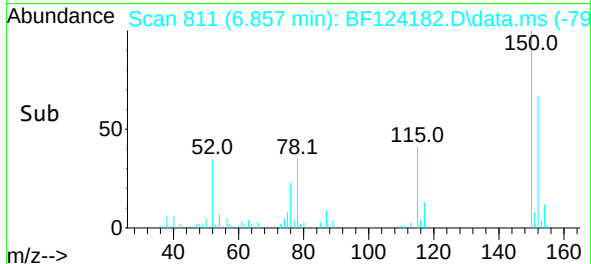
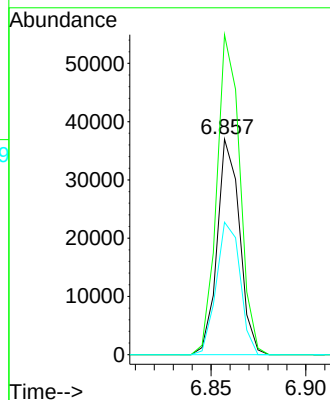
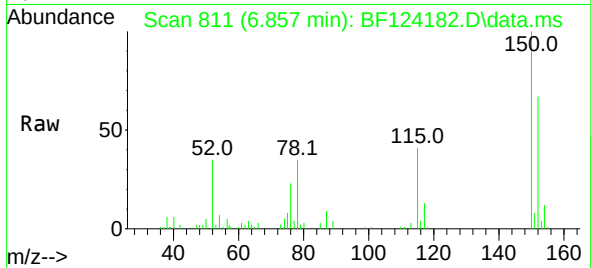




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

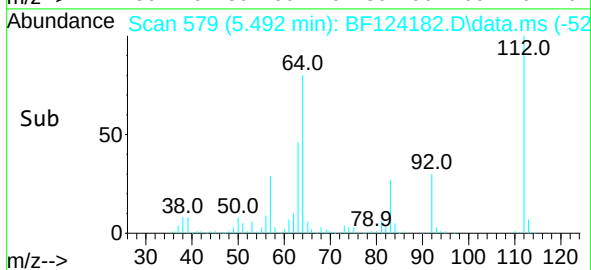
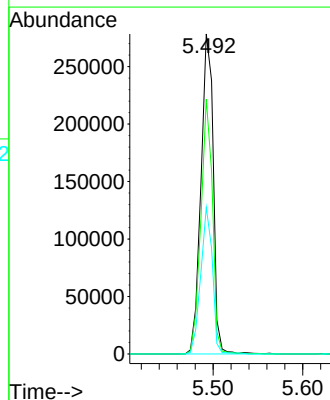
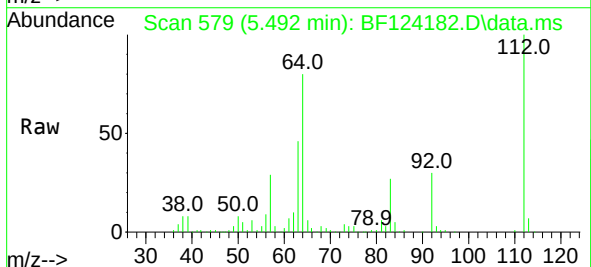
Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

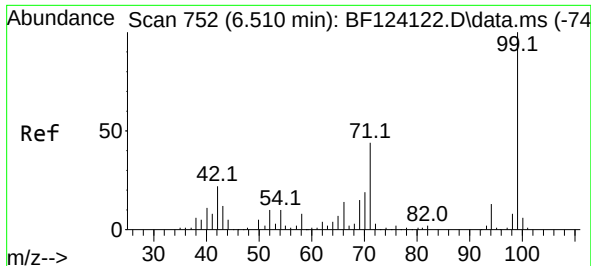
Tgt Ion:152 Resp: 30428
Ion Ratio Lower Upper
152 100
150 148.5 127.0 190.6
115 61.4 54.3 81.5



#5
2-Fluorophenol
Concen: 131.262 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Tgt Ion:112 Resp: 265324
Ion Ratio Lower Upper
112 100
64 79.6 61.4 92.0
63 45.8 33.0 49.4

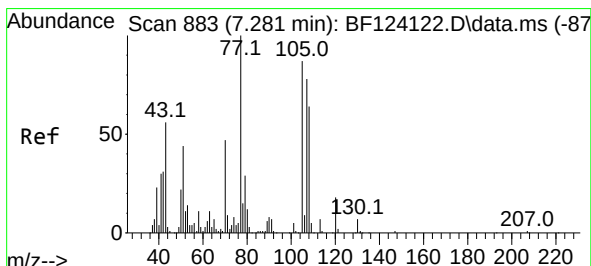
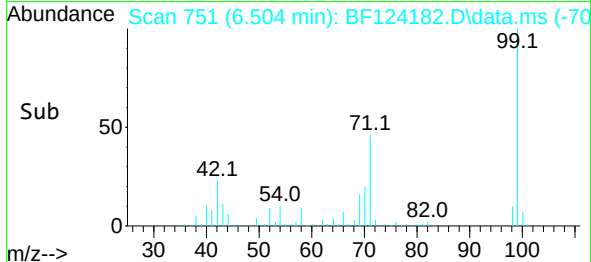
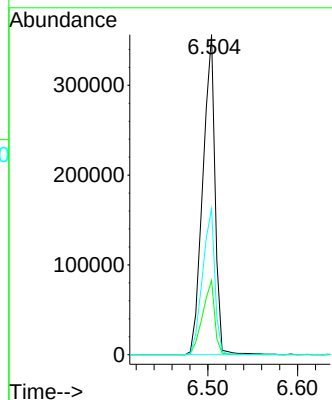
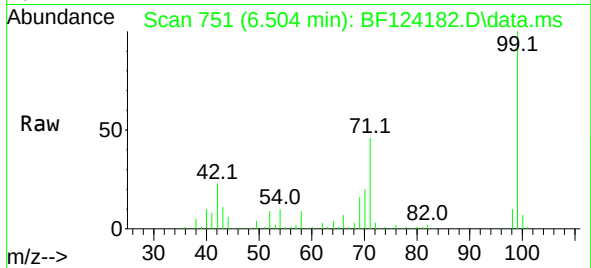




#7
Phenol-d6
Concen: 124.270 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

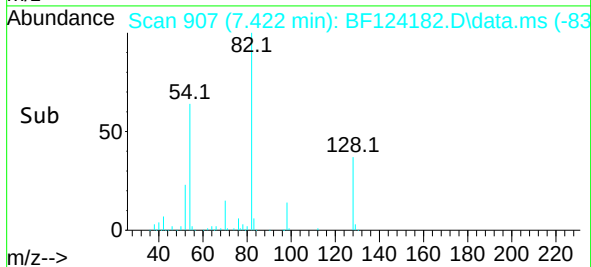
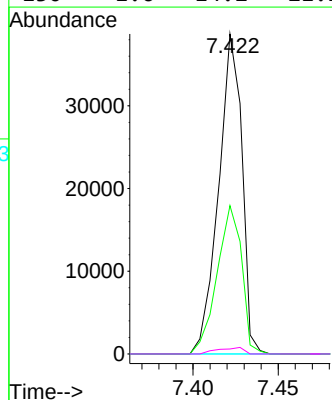
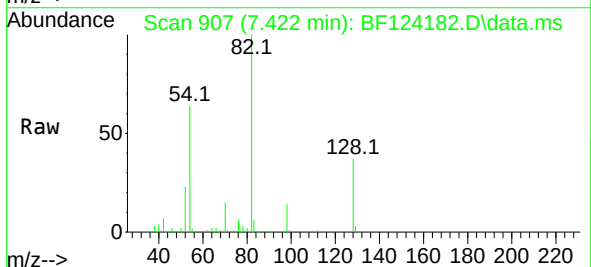
Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

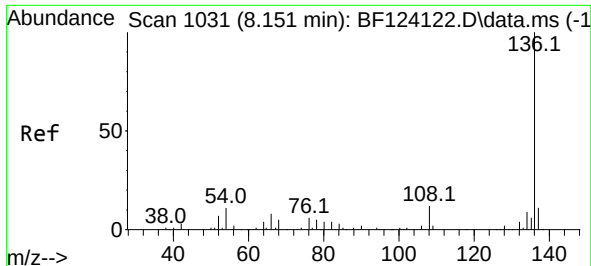
Tgt Ion: 99 Resp: 337639
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.8
71 45.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.164 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

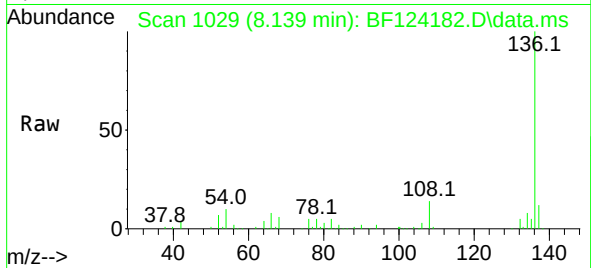
Tgt Ion: 70 Resp: 36757
Ion Ratio Lower Upper
70 100
42 46.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



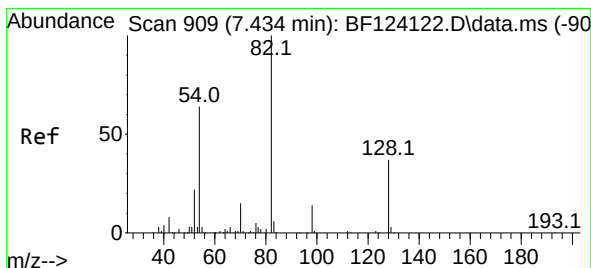
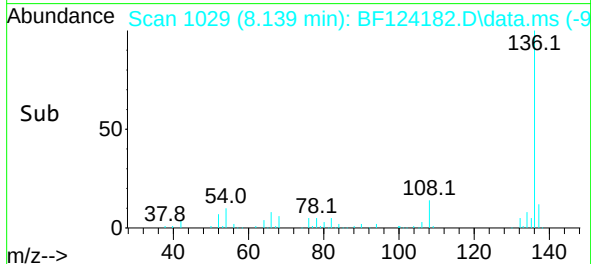
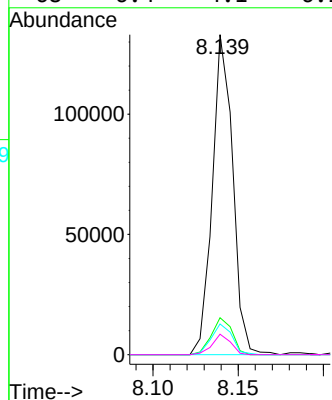


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

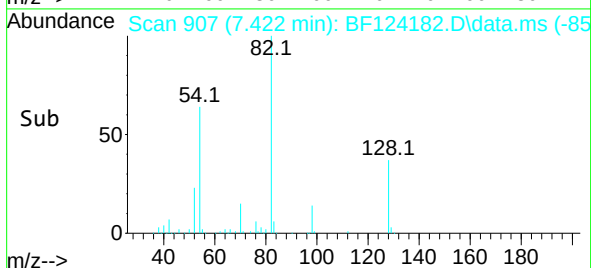
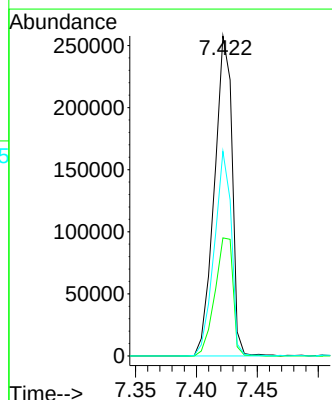
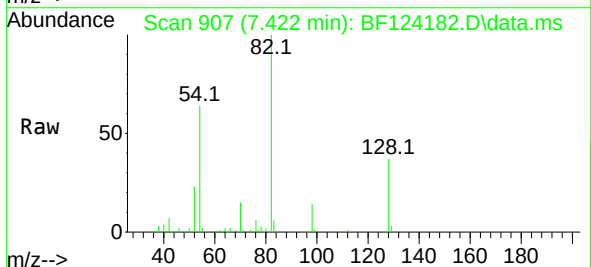


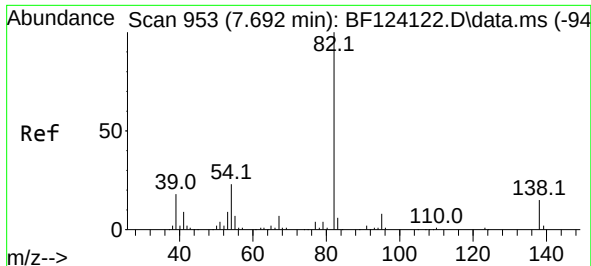
Tgt Ion:136 Resp: 110734
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 9.6 9.8 14.6#
68 6.4 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 93.207 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Tgt Ion: 82 Resp: 260233
Ion Ratio Lower Upper
82 100
128 36.9 29.4 44.2
54 64.0 54.1 81.1

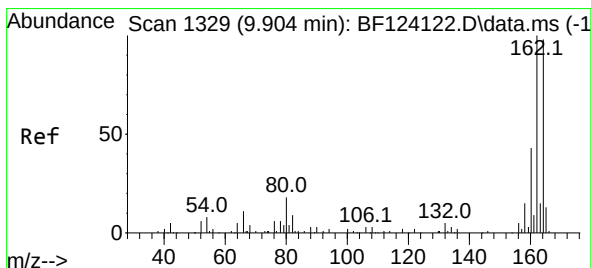
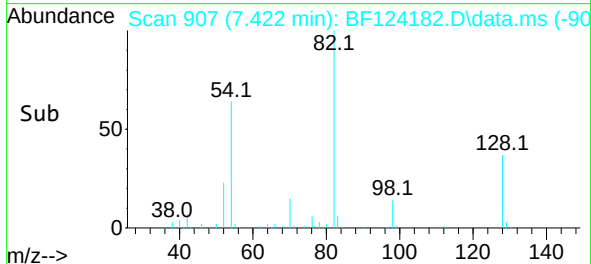
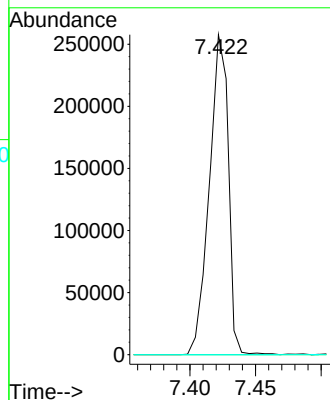
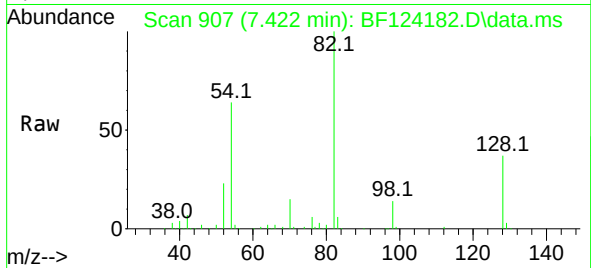




#25
Isophorone
Concen: 51.722 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

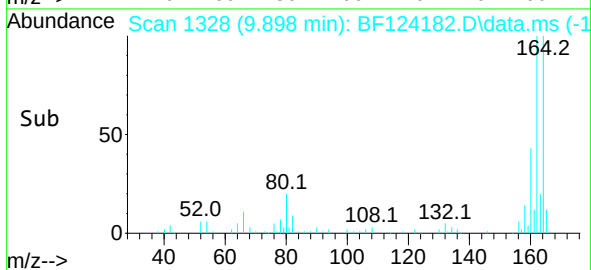
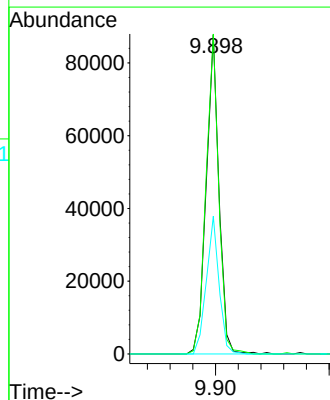
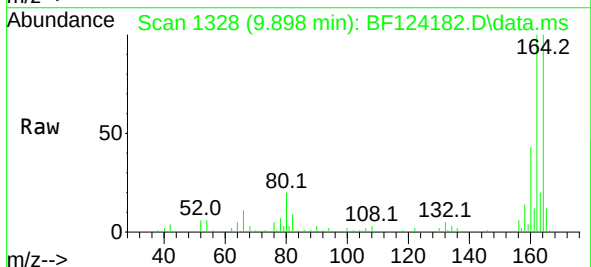
Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

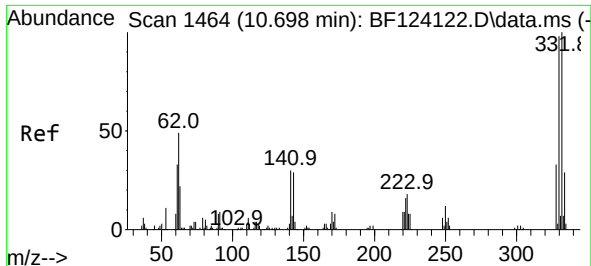
Tgt Ion: 82 Resp: 260225
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Tgt Ion: 164 Resp: 68136
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 43.2 37.3 55.9

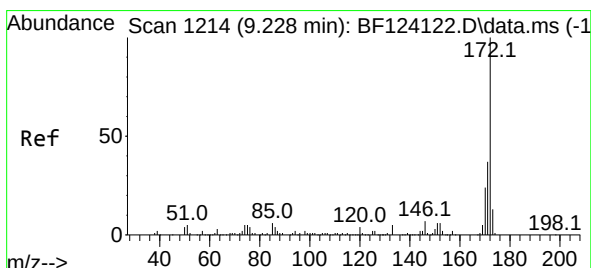
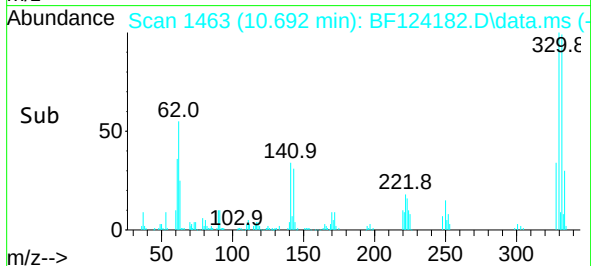
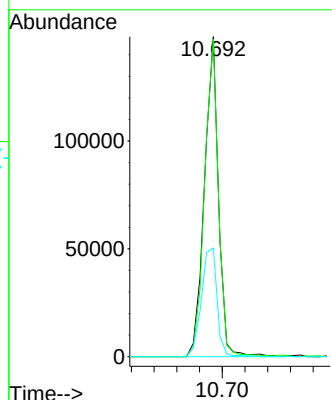
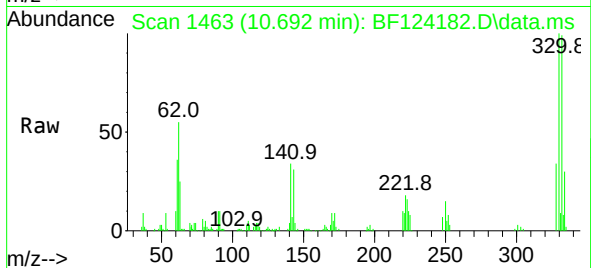




#42
2,4,6-Tribromophenol
Concen: 131.713 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

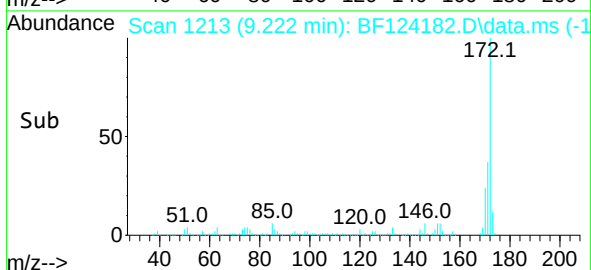
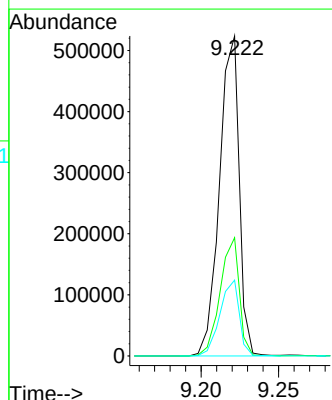
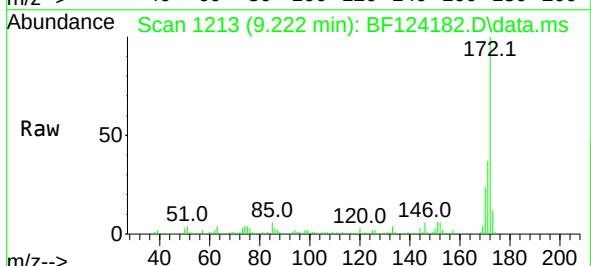
Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

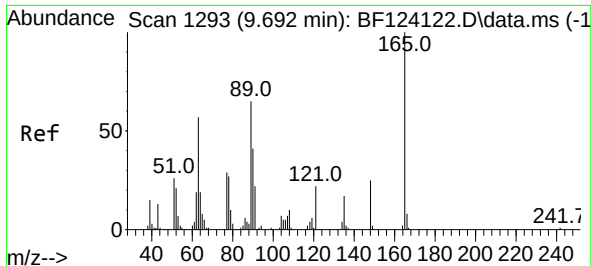
Tgt Ion:330 Resp: 127146
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 38.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 85.579 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Tgt Ion:172 Resp: 463382
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.7 19.2 28.8

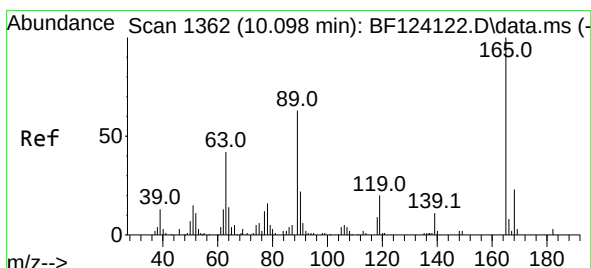
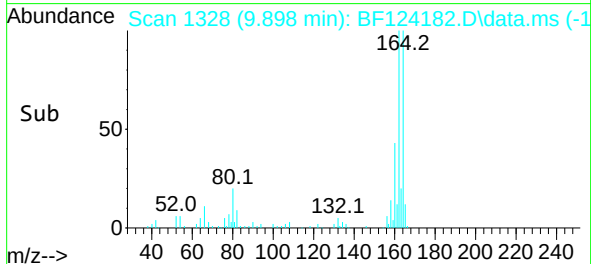
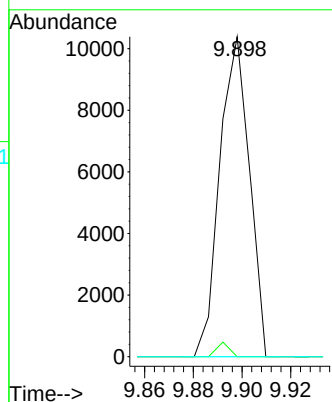
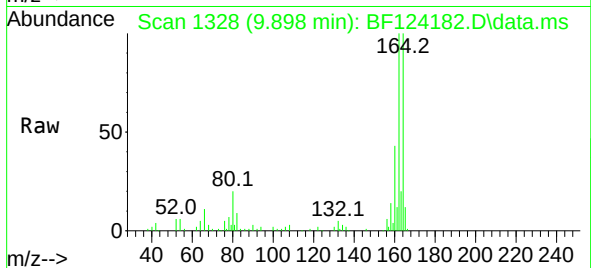




#51
2,6-Dinitrotoluene
Concen: 6.774 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

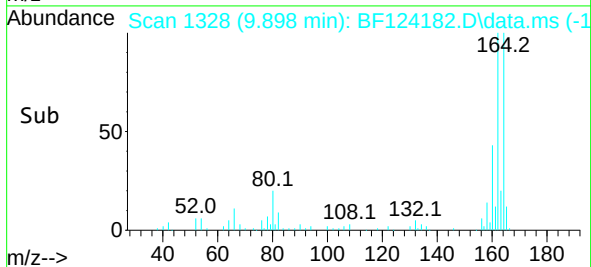
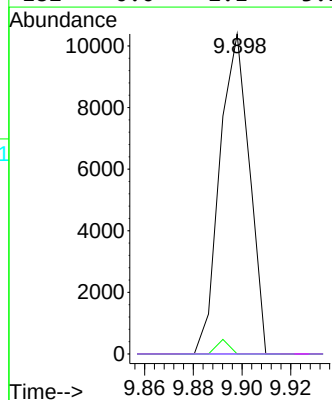
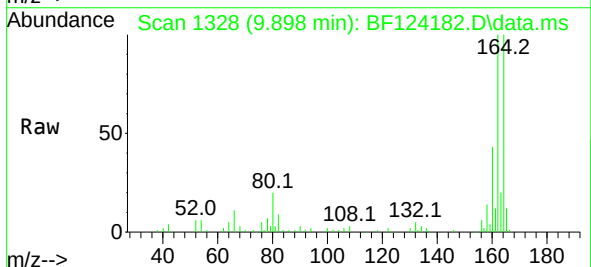
Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

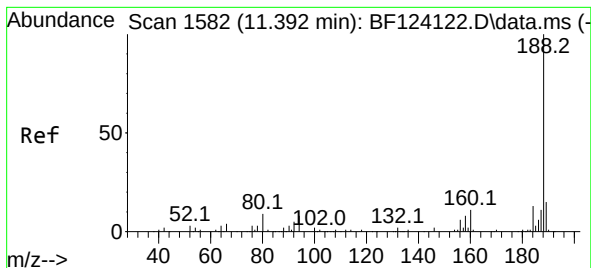
Tgt Ion:165 Resp: 8756
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.137 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Tgt Ion:165 Resp: 8756
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#

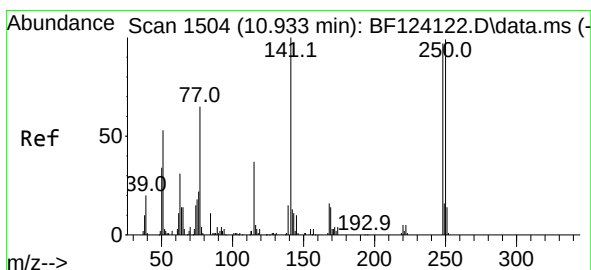
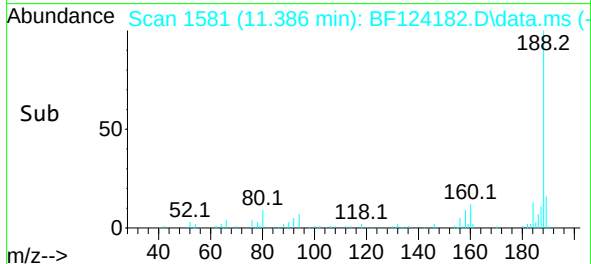
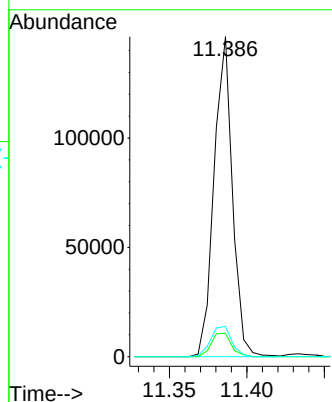
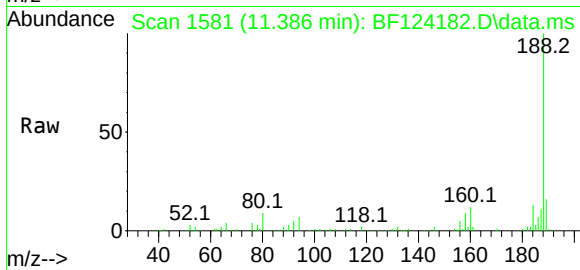




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

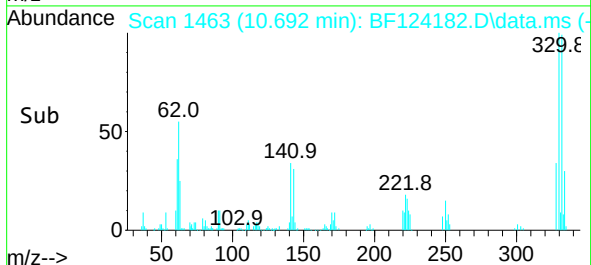
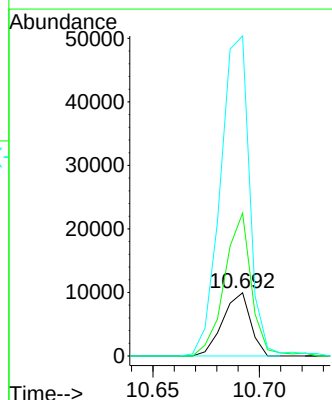
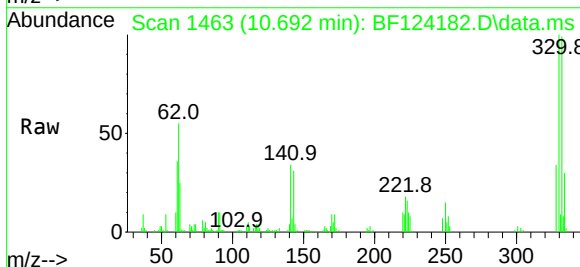
Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

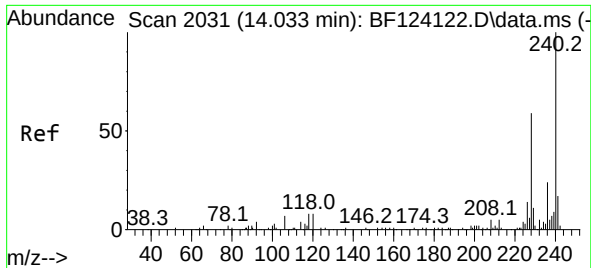
Tgt Ion:188 Resp: 120446
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 9.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.432 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Tgt Ion:248 Resp: 8980
Ion Ratio Lower Upper
248 100
250 226.4 77.4 116.2#
141 506.9 63.7 95.5#

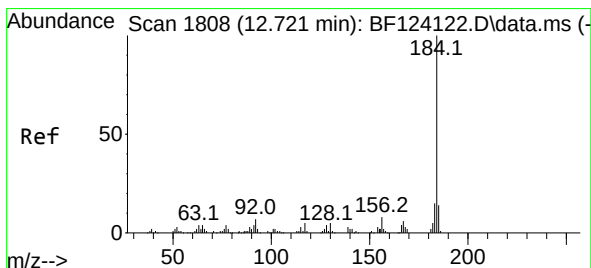
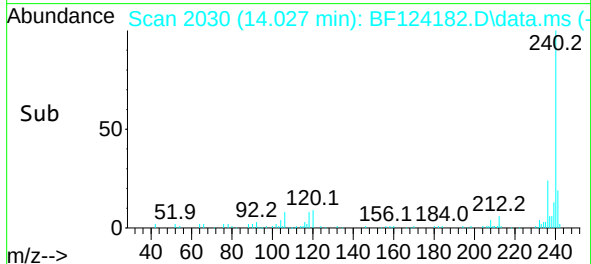
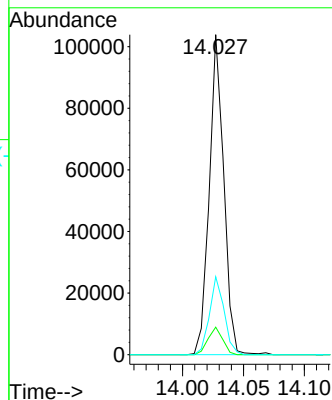
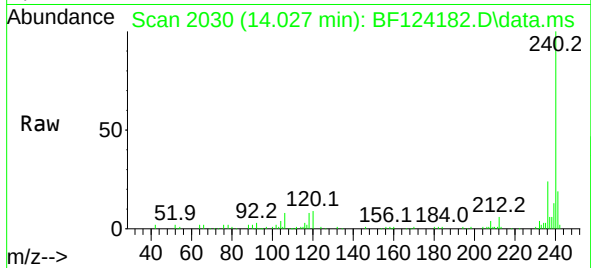




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

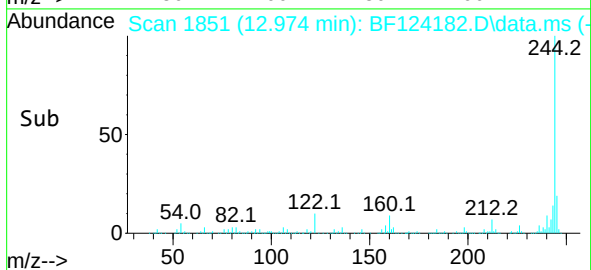
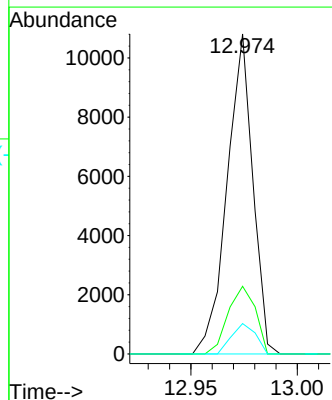
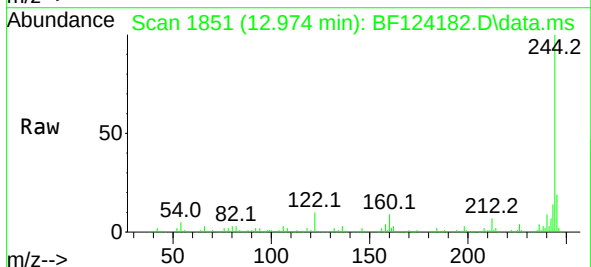
Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)

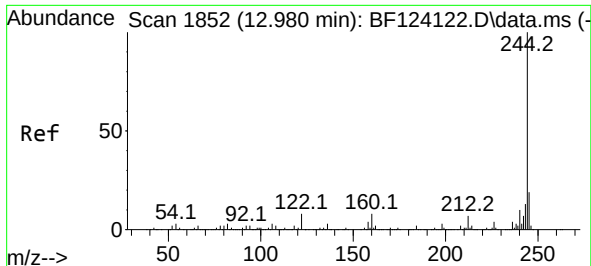
Tgt Ion:240 Resp: 85968
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 24.3 19.0 28.4



#77
Benzidine
Concen: 8.208 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

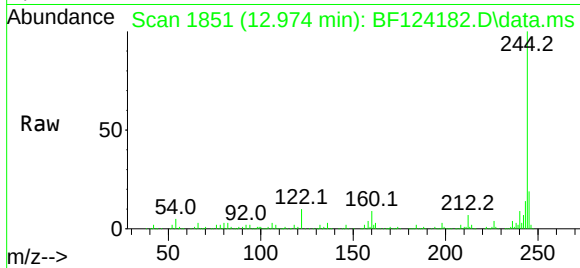
Tgt Ion:184 Resp: 9078
Ion Ratio Lower Upper
184 100
185 21.1 12.1 18.1#
183 9.5 7.8 11.8



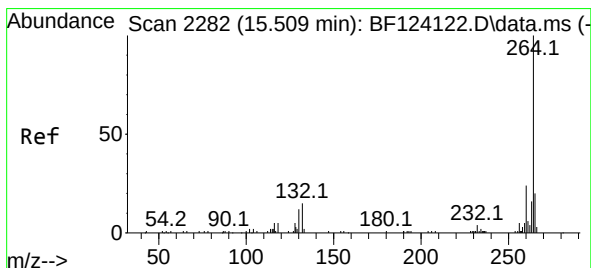
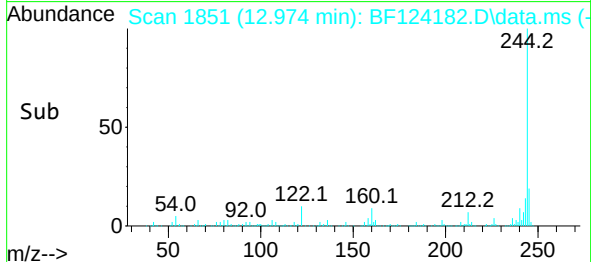
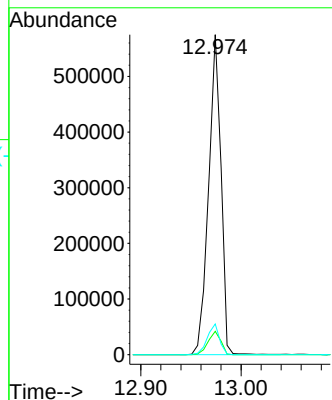


#79
Terphenyl-d14
Concen: 79.047 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Instrument :
BNA_F
ClientSampleId :
18-B12(106-110)



Tgt Ion:244 Resp: 494956
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.6 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124182.D
Acq: 8 Jun 2021 16:07

Tgt Ion:264 Resp: 70099
Ion Ratio Lower Upper
264 100
260 25.1 18.7 28.1
265 20.2 17.8 26.8

