

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124181.D
 Acq On : 8 Jun 2021 15:34
 Operator : JU/CG
 Sample : M2613-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(86-90)

Quant Time: Jun 08 15:58:25 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)

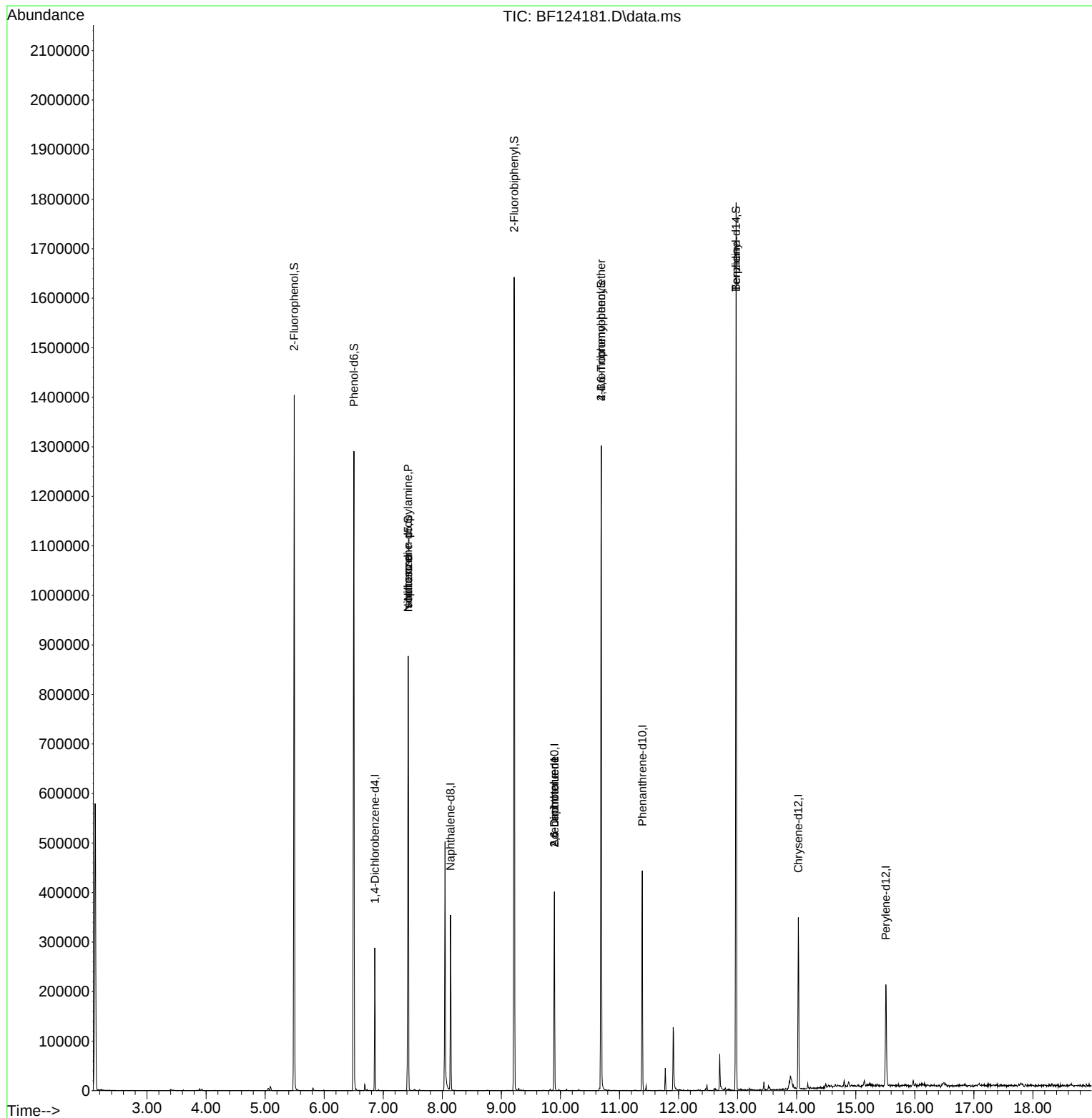
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	32764	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	127305	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	72741	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	139239	20.000	ng	0.00
76) Chrysene-d12	14.027	240	108932	20.000	ng	0.00
86) Perylene-d12	15.510	264	91378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	276175	126.889	ng	0.00
7) Phenol-d6	6.504	99	355936	121.664	ng	0.00
23) Nitrobenzene-d5	7.422	82	278193	86.670	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	142239	138.021	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	475697	82.292	ng	-0.01
79) Terphenyl-d14	12.974	244	510275	64.314	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	39238	18.999	ng	# 70
25) Isophorone	7.422	82	278188	48.095	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	8896	6.447	ng	# 15
57) 2,4-Dinitrotoluene	9.898	165	8896	4.888	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	8713	4.559	ng	# 1
77) Benzidine	12.974	184	8672	7.187	ng	# 83

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

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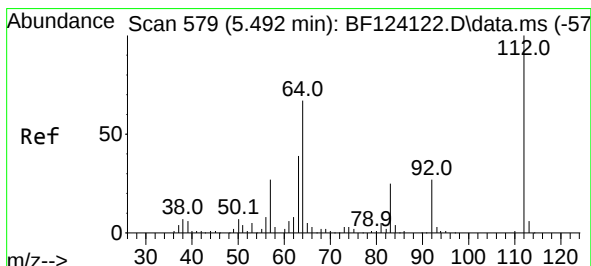
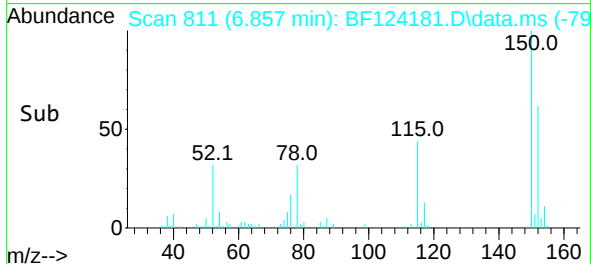
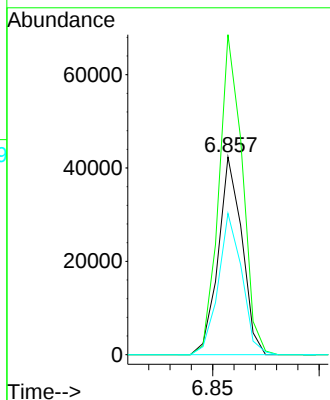
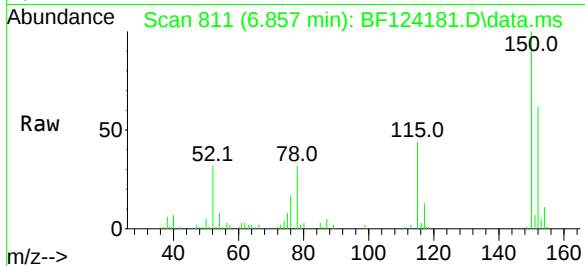




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

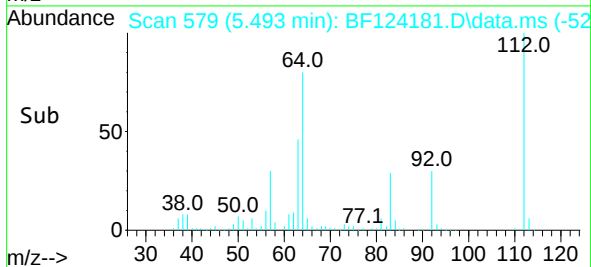
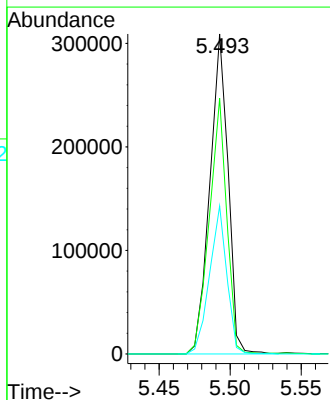
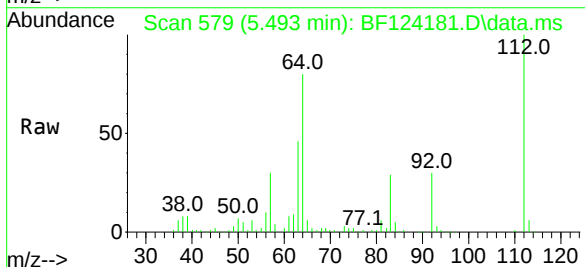
Instrument :
BNA_F
ClientSampleId :
18-B12(86-90)

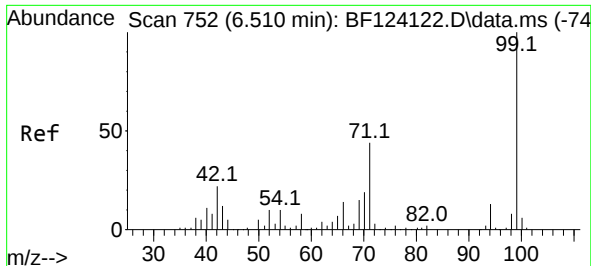
Tgt Ion:152 Resp: 32764
Ion Ratio Lower Upper
152 100
150 161.8 127.0 190.6
115 71.4 54.3 81.5



#5
2-Fluorophenol
Concen: 126.889 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

Tgt Ion:112 Resp: 276175
Ion Ratio Lower Upper
112 100
64 79.9 61.4 92.0
63 46.2 33.0 49.4

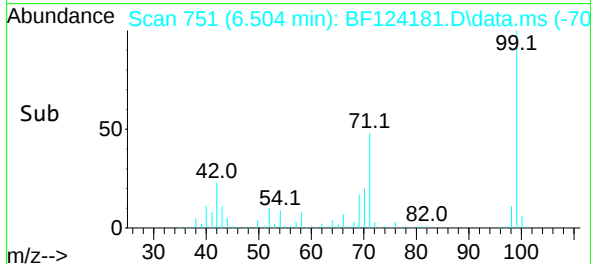
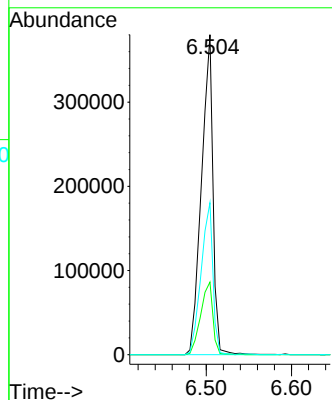
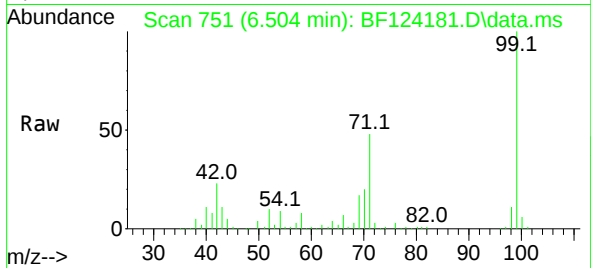




#7
Phenol-d6
Concen: 121.664 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

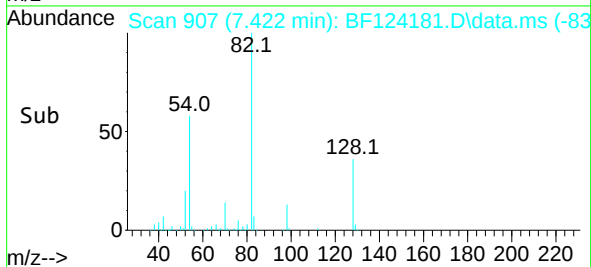
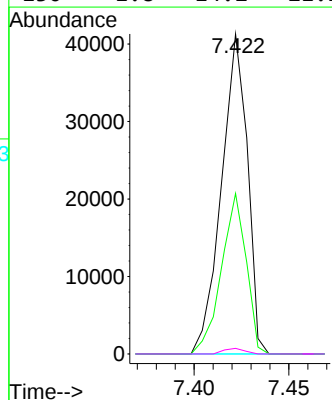
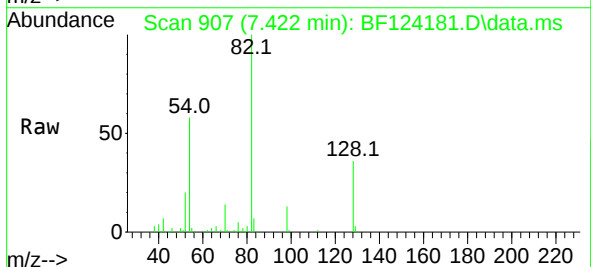
Instrument :
BNA_F
ClientSampleId :
18-B12(86-90)

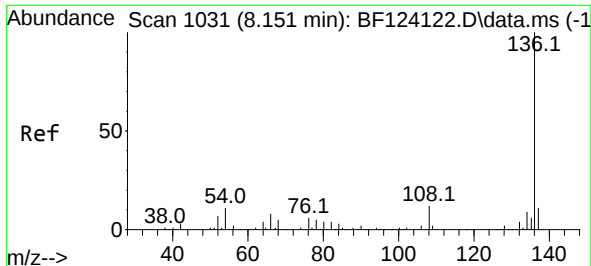
Tgt Ion: 99 Resp: 355936
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 47.5 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.999 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

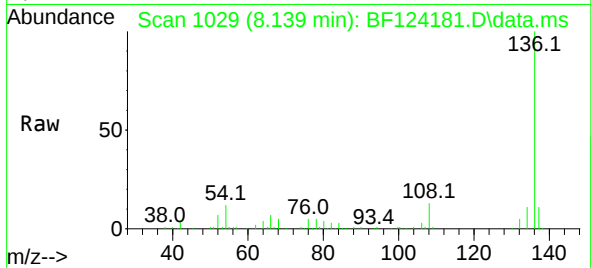
Tgt Ion: 70 Resp: 39238
Ion Ratio Lower Upper
70 100
42 50.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



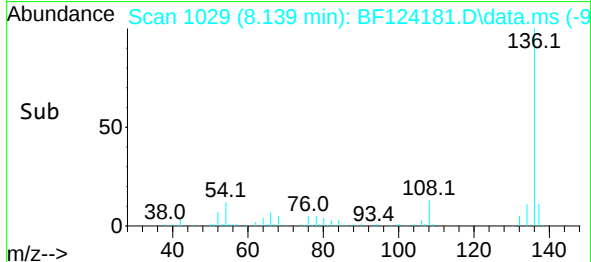
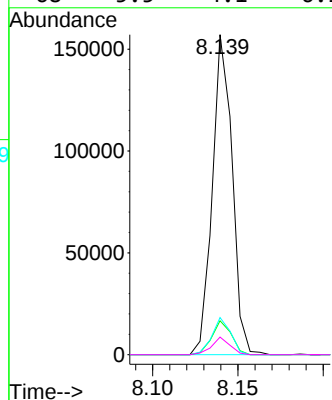


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

Instrument :
BNA_F
ClientSampleId :
18-B12(86-90)

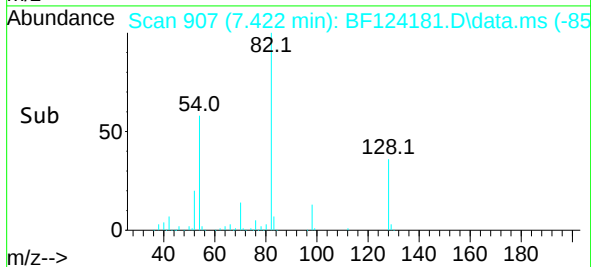
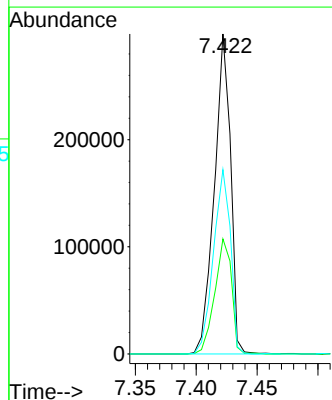
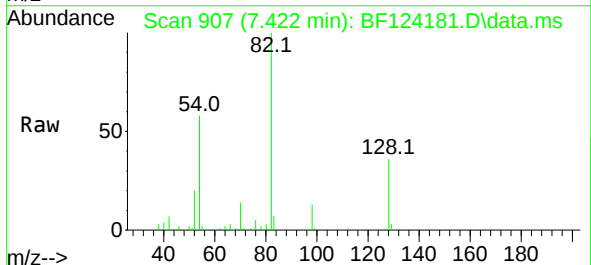


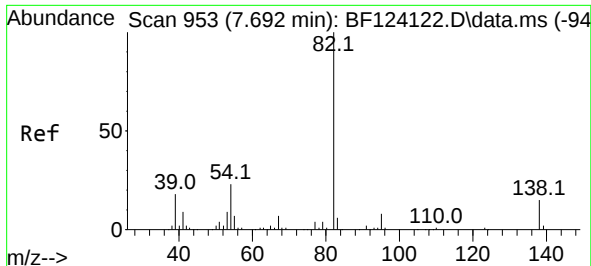
Tgt Ion:	136	Resp:	127305
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	11.6	9.8	14.6
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 86.670 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

Tgt Ion:	82	Resp:	278193
Ion Ratio	Lower	Upper	
82	100		
128	36.0	29.4	44.2
54	57.6	54.1	81.1

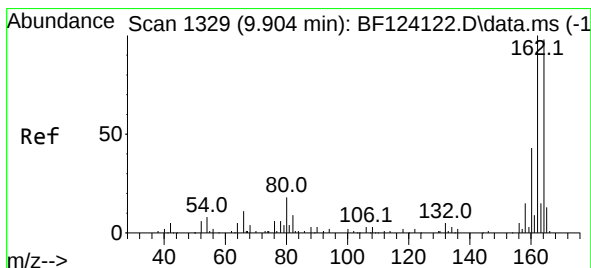
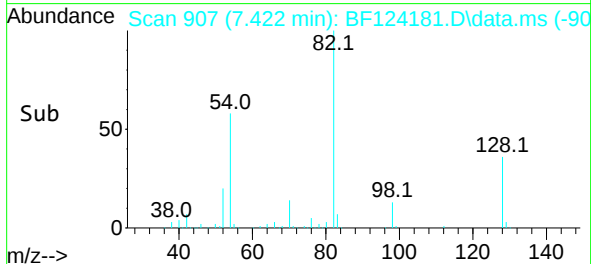
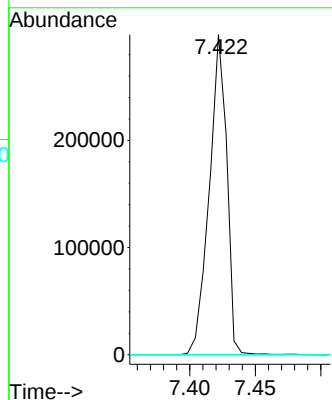
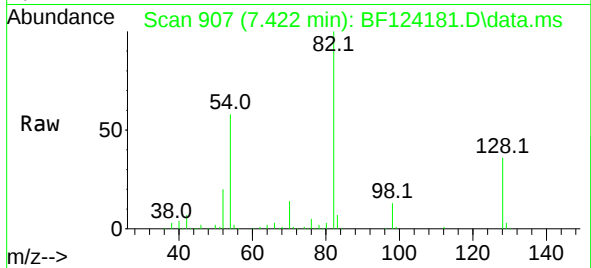




#25
Isophorone
Concen: 48.095 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

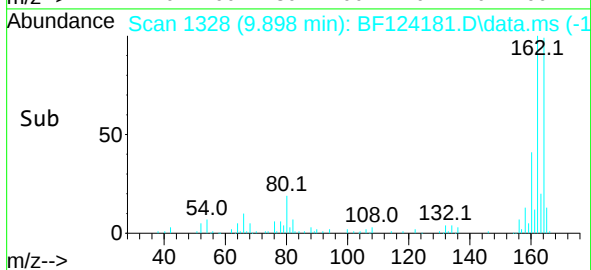
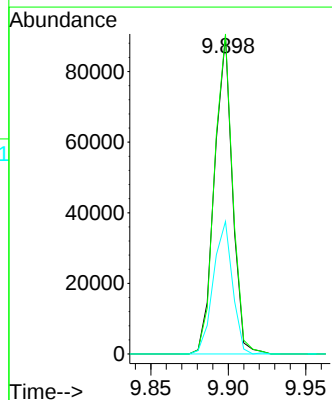
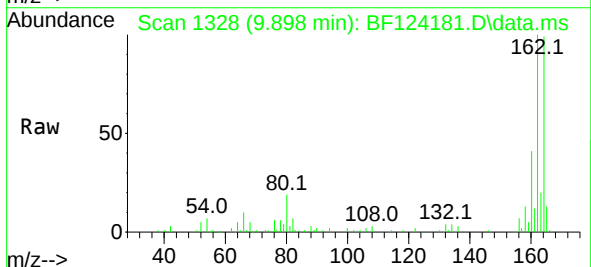
Instrument :
BNA_F
ClientSampleId :
18-B12(86-90)

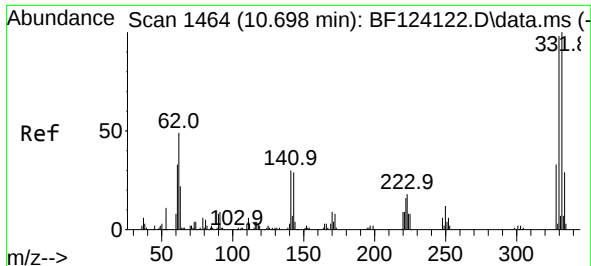
Tgt Ion: 82 Resp: 278188
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

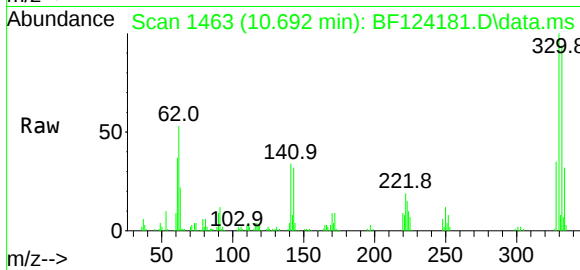
Tgt Ion: 164 Resp: 72741
Ion Ratio Lower Upper
164 100
162 100.7 80.7 121.1
160 41.7 37.3 55.9



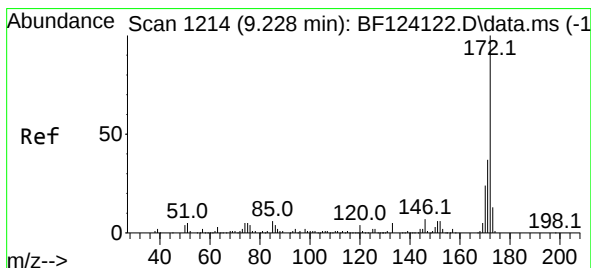
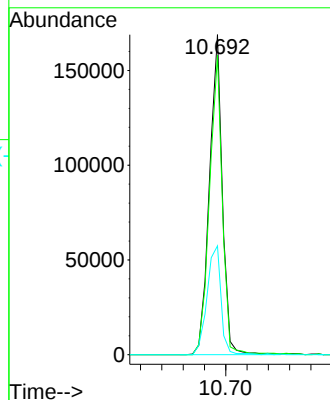
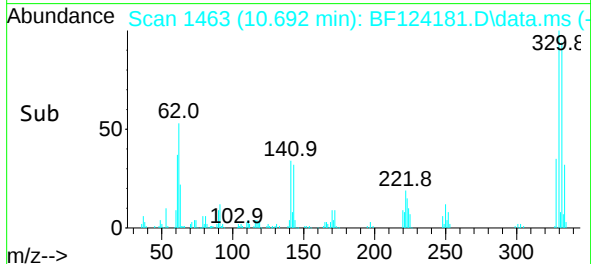


#42
2,4,6-Tribromophenol
Concen: 138.021 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

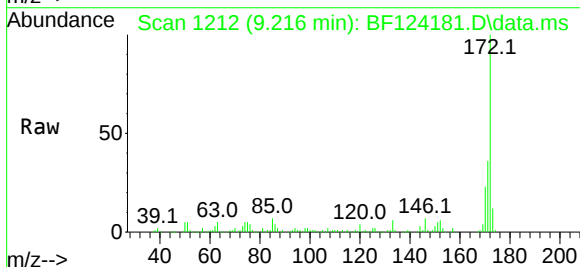
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BNA_F
ClientSampleId :
18-B12(86-90)



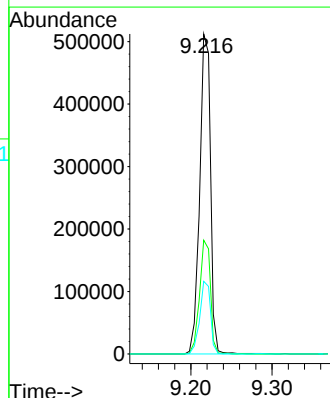
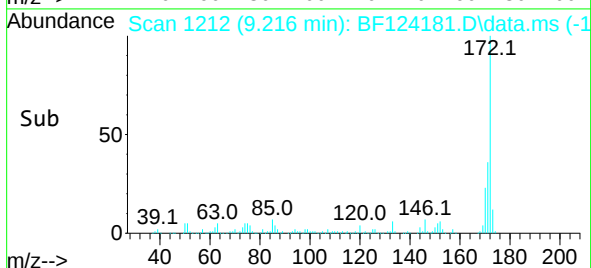
Tgt Ion: 330 Resp: 142239
Ion Ratio Lower Upper
330 100
332 93.9 77.1 115.7
141 36.9 27.9 41.9

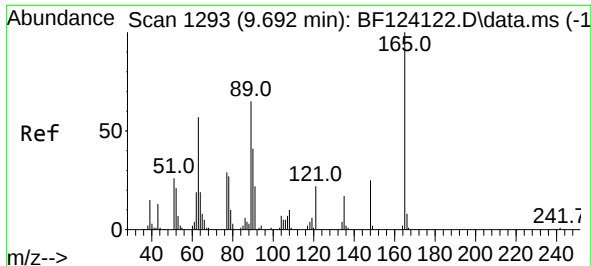


#45
2-Fluorobiphenyl
Concen: 82.292 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34



Tgt Ion: 172 Resp: 475697
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 22.7 19.2 28.8

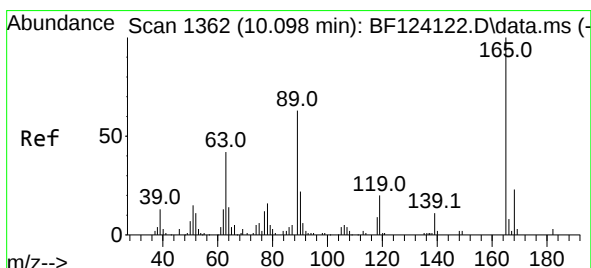
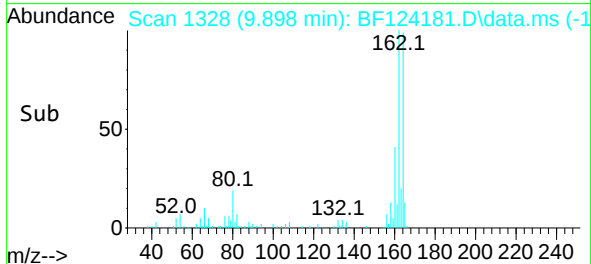
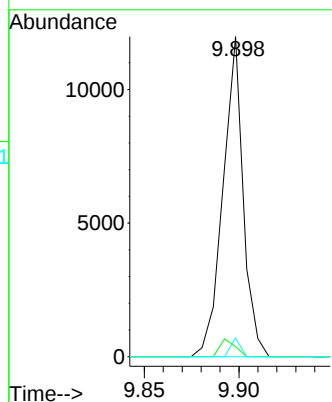
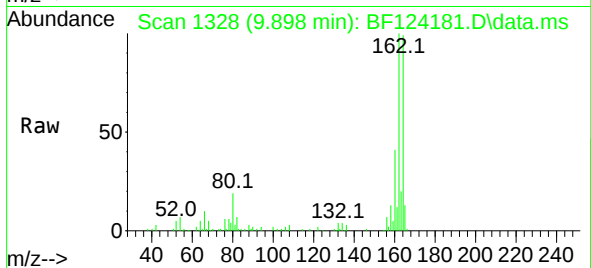




#51
2,6-Dinitrotoluene
Concen: 6.447 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

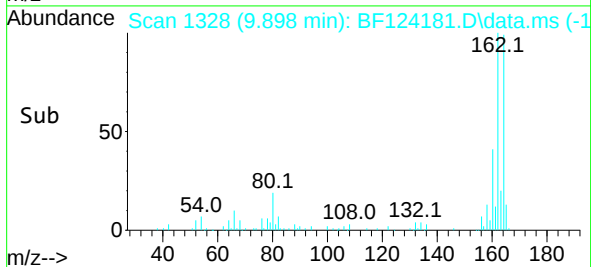
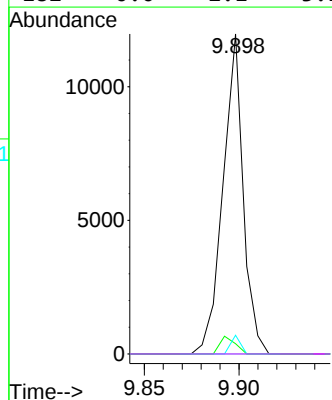
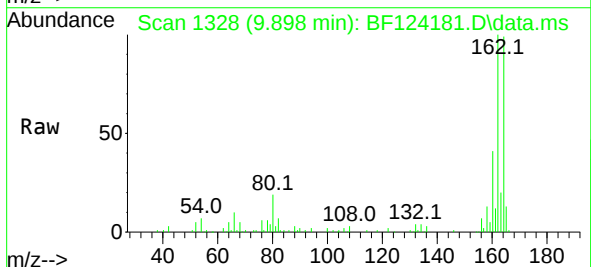
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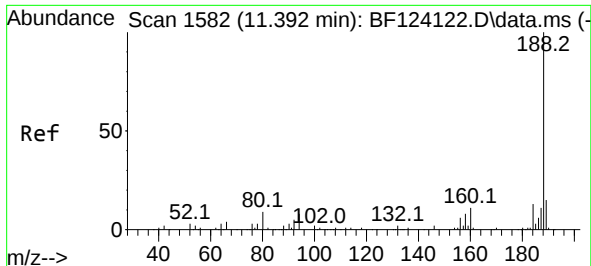
Tgt Ion:165 Resp: 8896
Ion Ratio Lower Upper
165 100
63 3.2 67.7 101.5#
89 5.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.888 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

Tgt Ion:165 Resp: 8896
Ion Ratio Lower Upper
165 100
63 3.2 43.5 65.3#
89 5.8 67.7 101.5#
182 0.0 2.1 3.1#

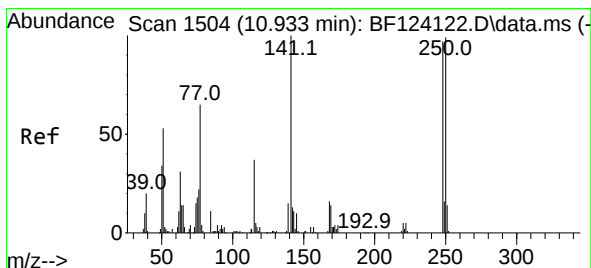
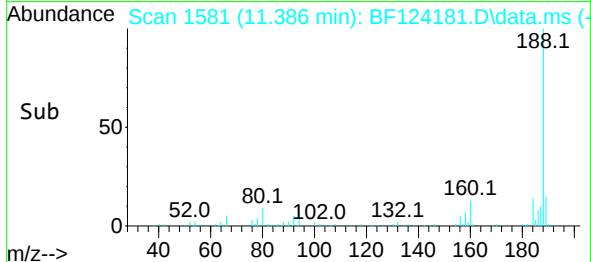
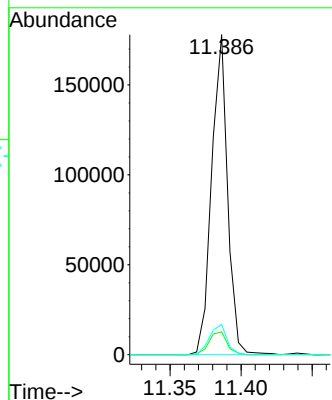
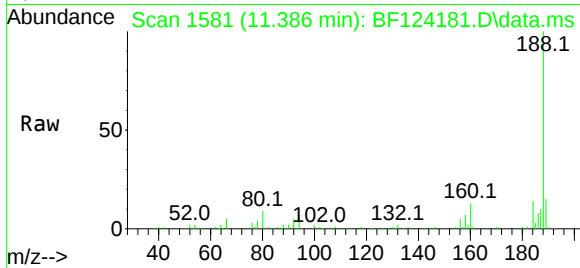




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

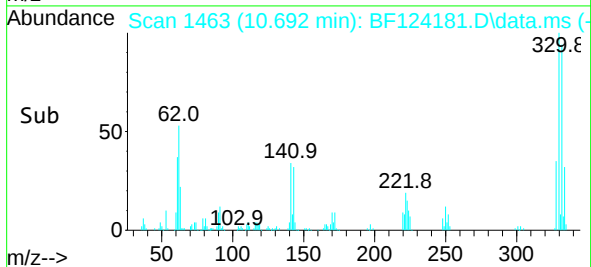
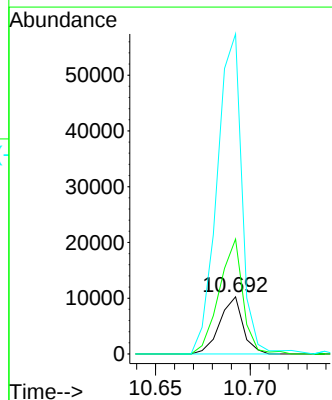
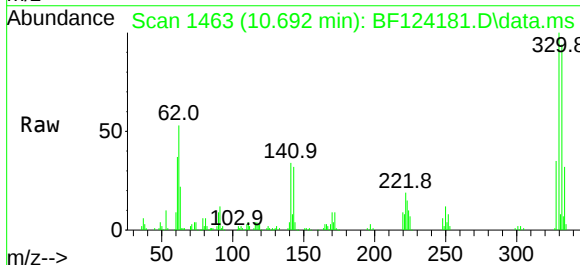
Instrument :
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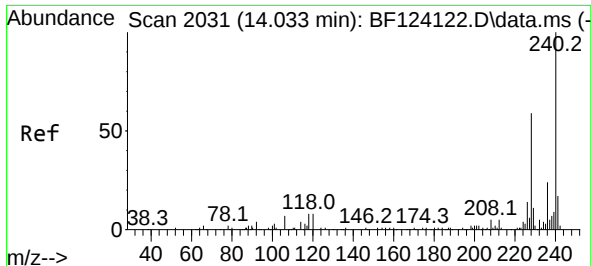
Tgt Ion:188 Resp: 139239
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 9.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.559 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

Tgt Ion:248 Resp: 8713
Ion Ratio Lower Upper
248 100
250 200.7 77.4 116.2#
141 559.5 63.7 95.5#

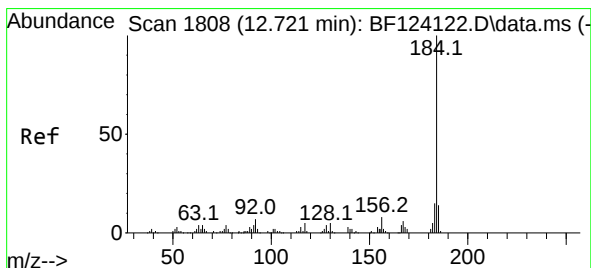
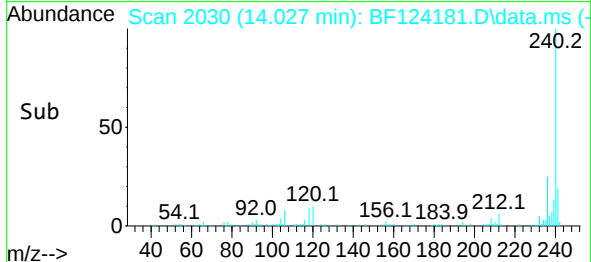
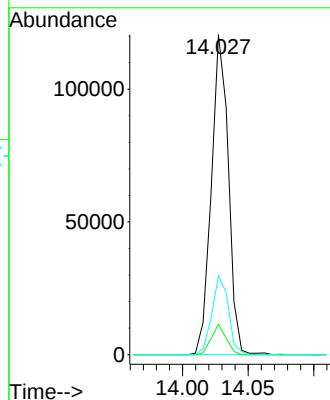
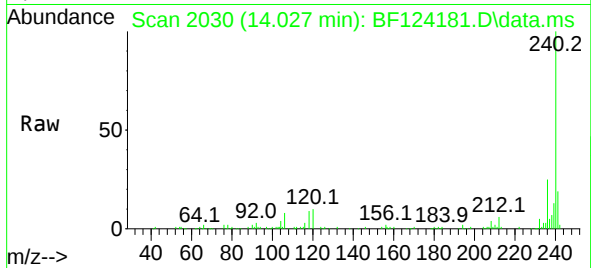




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

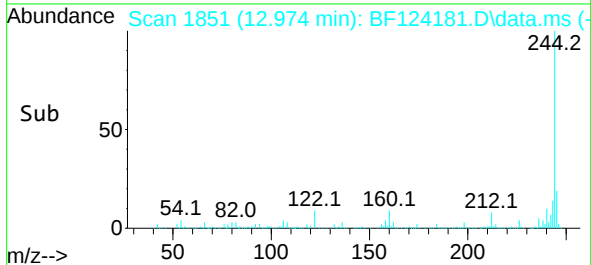
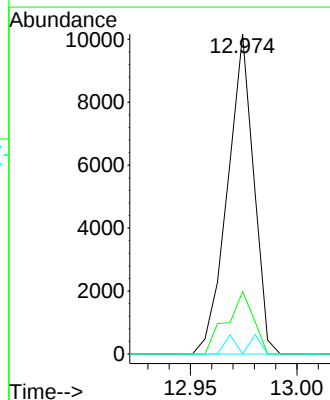
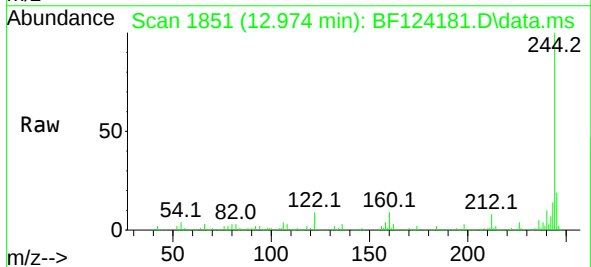
Instrument :
BNA_F
ClientSampleId :
18-B12(86-90)

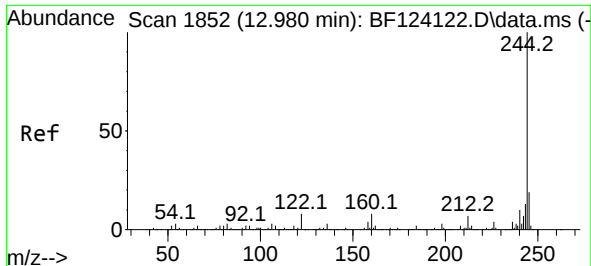
Tgt Ion:240 Resp: 108932
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 24.7 19.0 28.4



#77
Benzidine
Concen: 7.187 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF124181.D
Acq: 8 Jun 2021 15:34

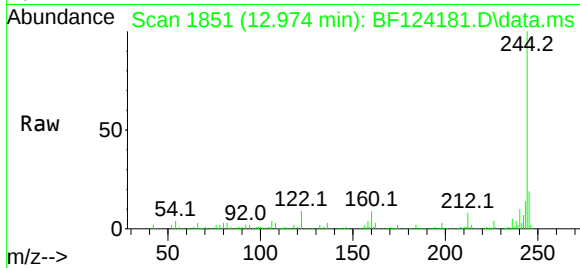
Tgt Ion:184 Resp: 8672
Ion Ratio Lower Upper
184 100
185 19.5 12.1 18.1#
183 0.0 7.8 11.8#



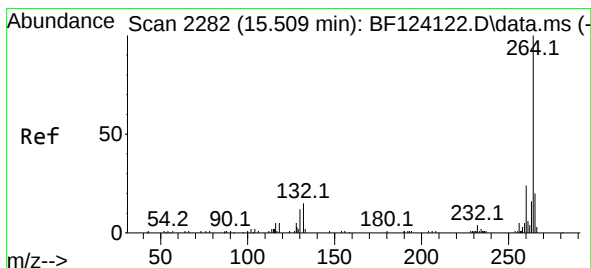
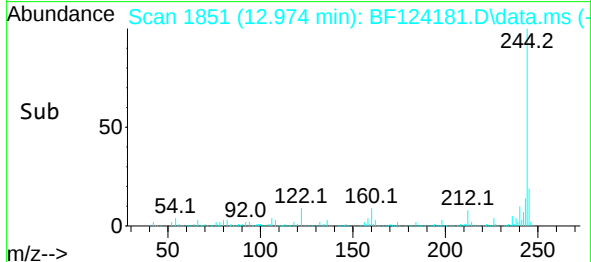
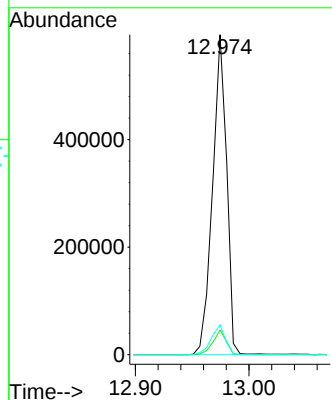


#79
 Terphenyl-d14
 Concen: 64.314 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF124181.D
 Acq: 8 Jun 2021 15:34

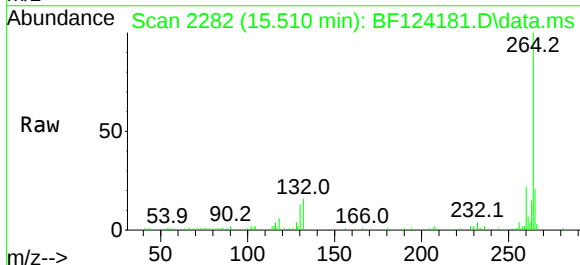
Instrument :
 BNA_F
 ClientSampleId :
 18-B12(86-90)



Tgt Ion:244 Resp: 510275
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 9.3 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.001 min
 Lab File: BF124181.D
 Acq: 8 Jun 2021 15:34



Tgt Ion:264 Resp: 91378
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.7 28.1
 265 20.8 17.8 26.8

