

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124264.D
 Acq On : 11 Jun 2021 16:55
 Operator : JU/CG
 Sample : M2625-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(166-170)

Quant Time: Jun 11 17:32:51 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)

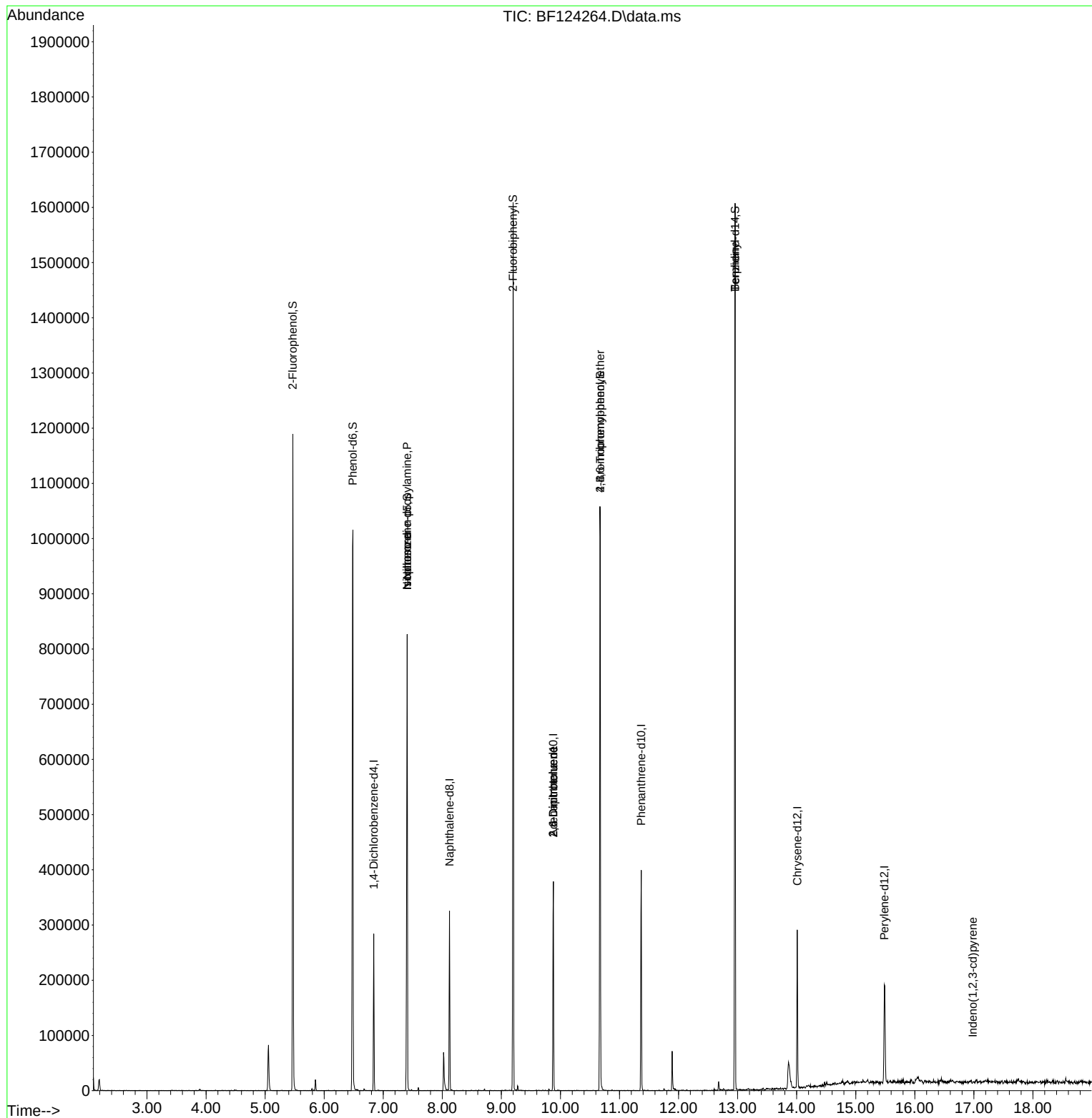
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	31739	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	118503	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	69569	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	133719	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	86383	20.000	ng	-0.01
86) Perylene-d12	15.486	264	79355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	246345	116.838	ng	-0.01
7) Phenol-d6	6.487	99	310957	109.722	ng	-0.01
23) Nitrobenzene-d5	7.404	82	232291	77.745	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	118351	120.077	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	425443	76.954	ng	-0.01
79) Terphenyl-d14	12.957	244	450806	71.650	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	34248	17.119	ng	# 67
25) Isophorone	7.404	82	232285	43.142	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	8641	6.548	ng	# 10
57) 2,4-Dinitrotoluene	9.880	165	8641	4.965	ng	# 15
67) 4-Bromophenyl-phenylether	10.675	248	7919	4.315	ng	# 1
77) Benzidine	12.957	184	7965	7.682	ng	# 87
87) Indeno(1,2,3-cd)pyrene	16.980	276	120	4.352	ng	# 53

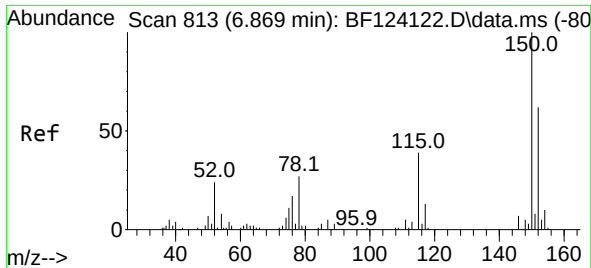
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
Data File : BF124264.D
Acq On : 11 Jun 2021 16:55
Operator : JU/CG
Sample : M2625-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

Quant Time: Jun 11 17:32:51 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

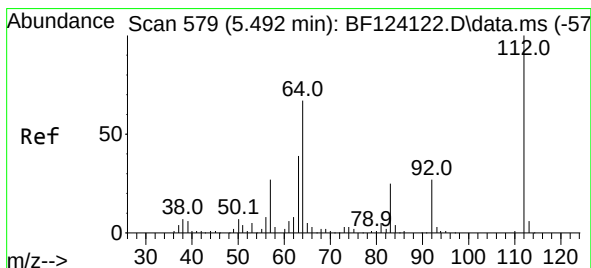
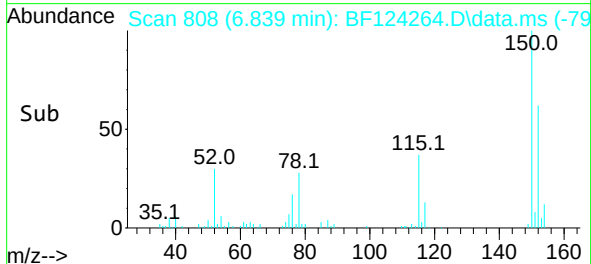
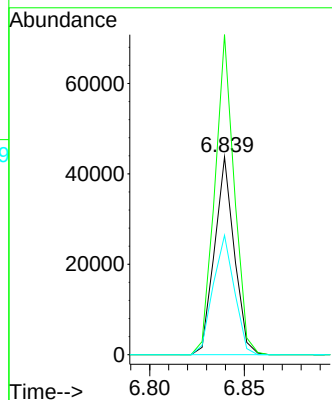
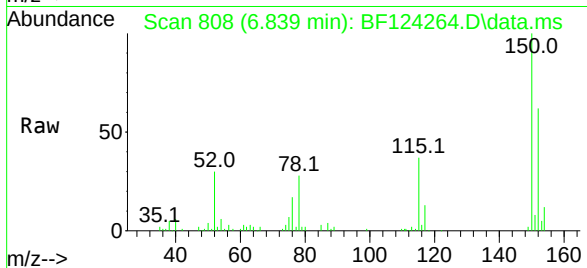




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

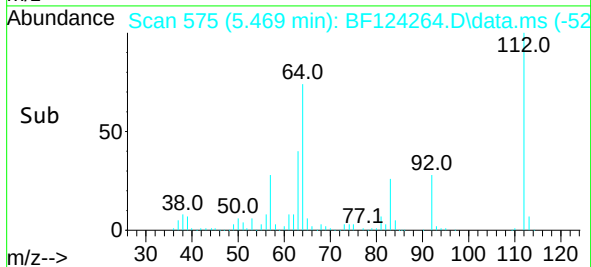
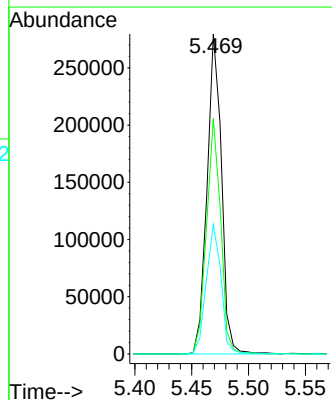
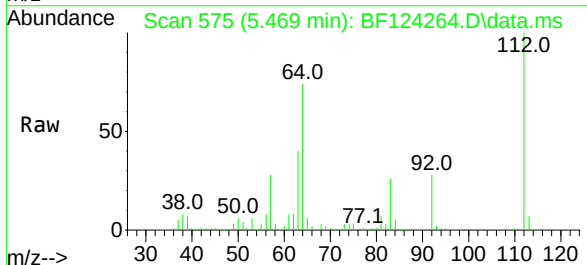
Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

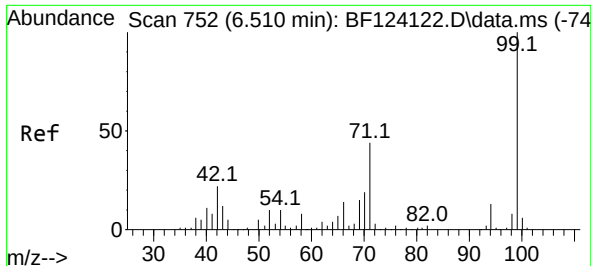
Tgt Ion:152 Resp: 31739
Ion Ratio Lower Upper
152 100
150 161.8 127.0 190.6
115 60.3 54.3 81.5



#5
2-Fluorophenol
Concen: 116.838 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

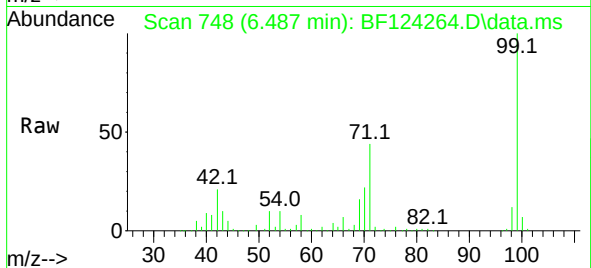
Tgt Ion:112 Resp: 246345
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 40.4 33.0 49.4



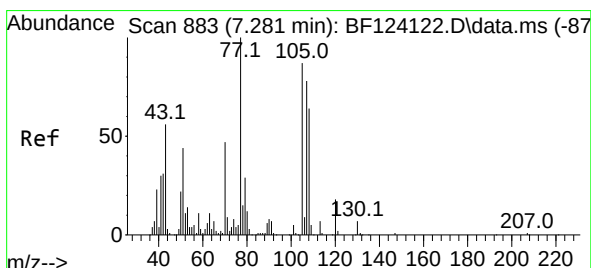
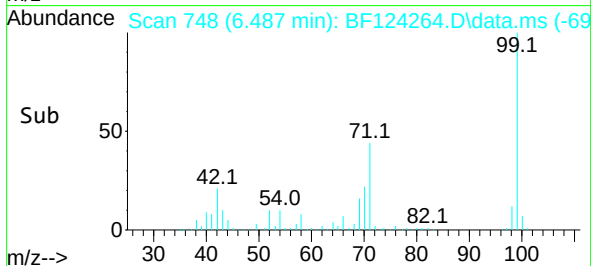
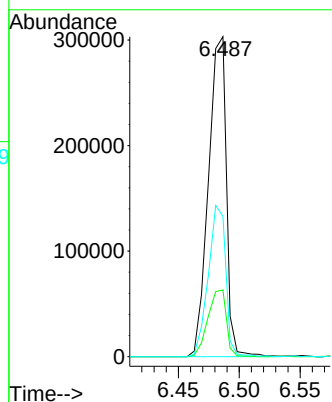


#7
Phenol-d6
Concen: 109.722 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

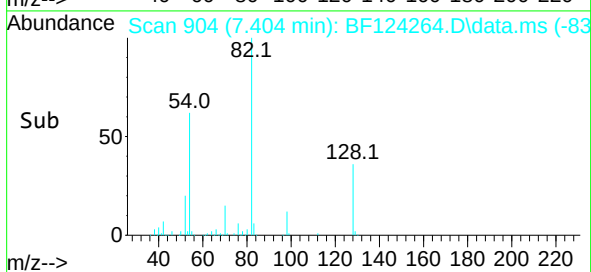
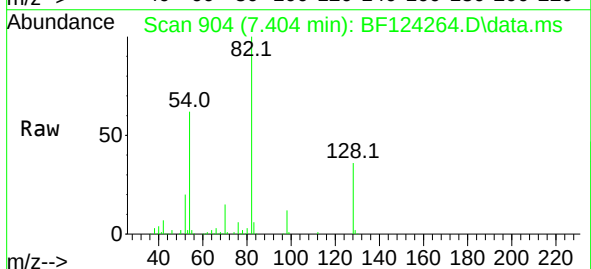
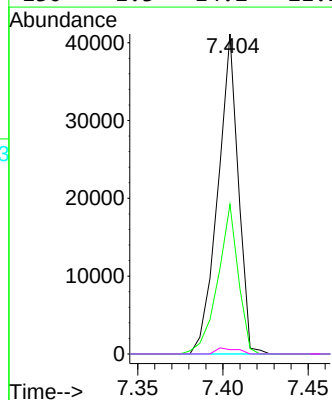


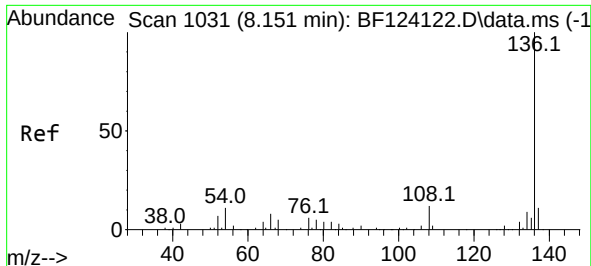
Tgt Ion: 99 Resp: 310957
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 43.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.119 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

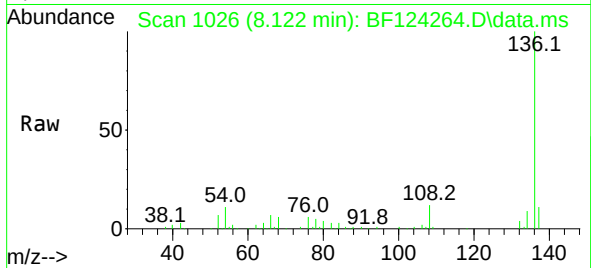
Tgt Ion: 70 Resp: 34248
Ion Ratio Lower Upper
70 100
42 46.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



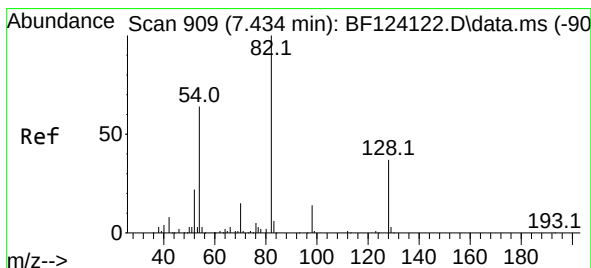
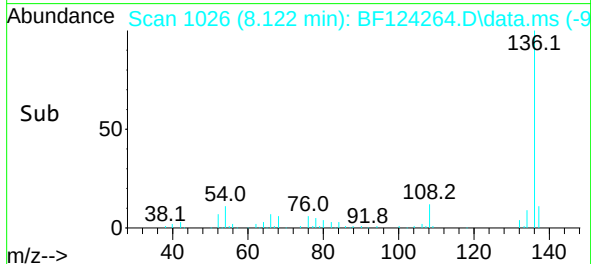
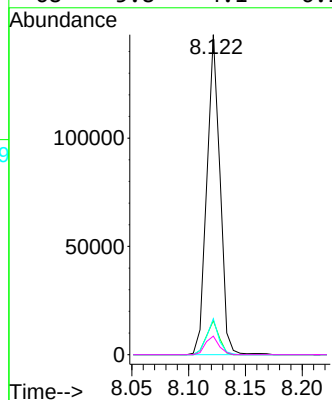


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

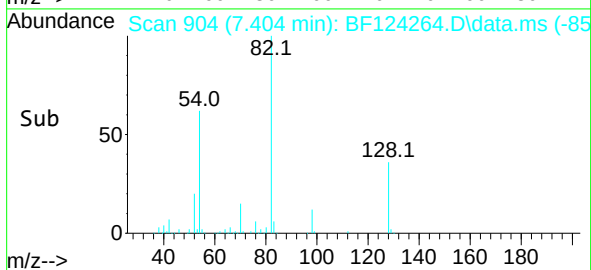
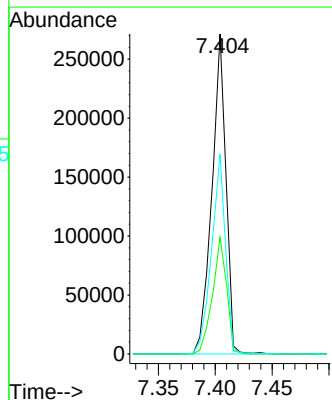
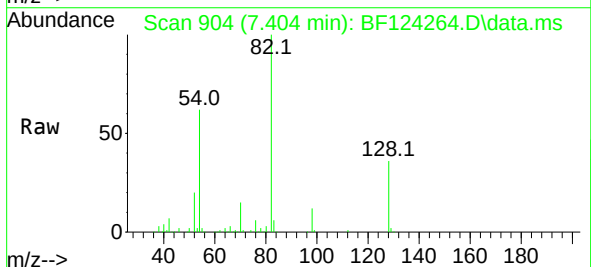


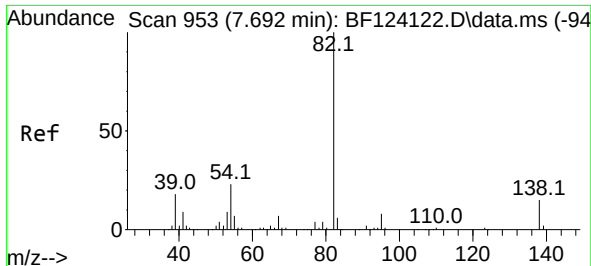
Tgt Ion:	136	Resp:	118503
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	11.3	9.8	14.6
68	5.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 77.745 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion:	82	Resp:	232291
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.4	44.2
54	62.4	54.1	81.1

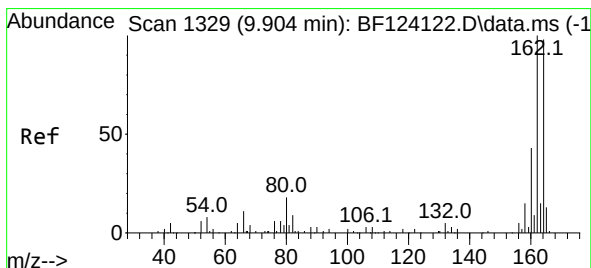
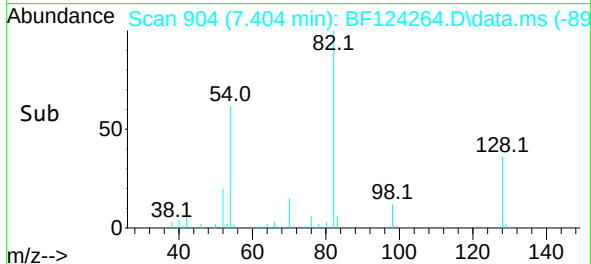
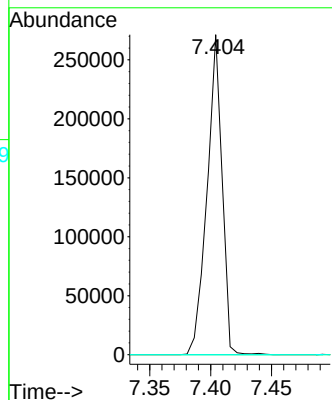
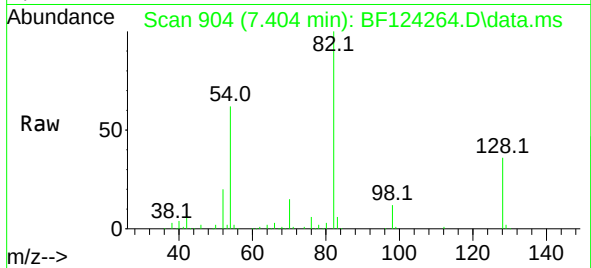




#25
Isophorone
Concen: 43.142 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

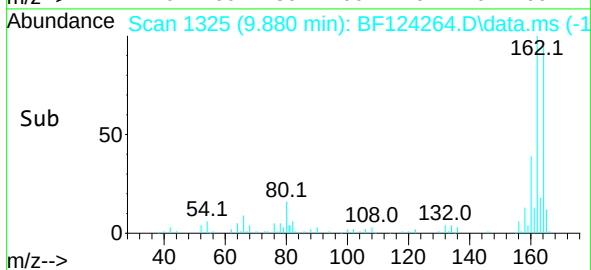
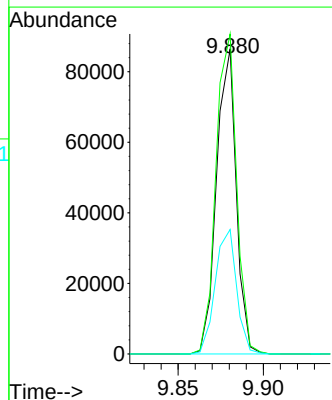
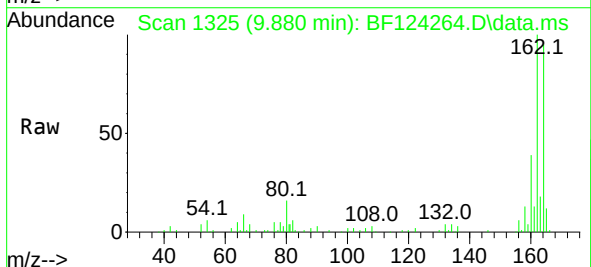
Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

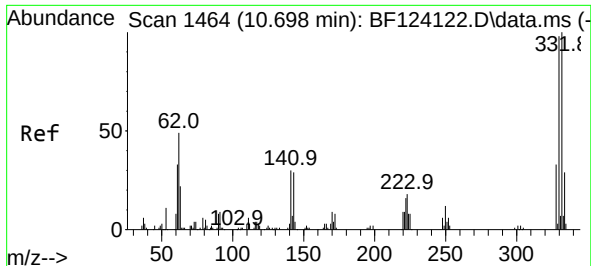
Tgt Ion: 82 Resp: 232285
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion: 164 Resp: 69569
Ion Ratio Lower Upper
164 100
162 105.0 80.7 121.1
160 40.8 37.3 55.9

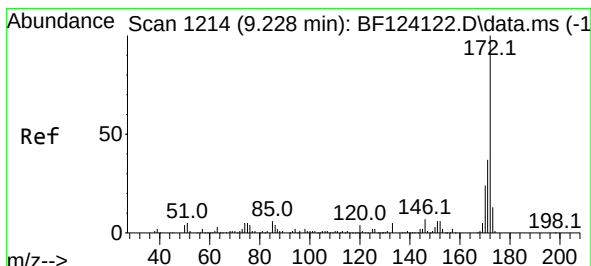
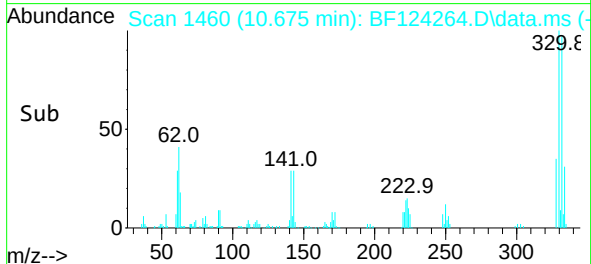
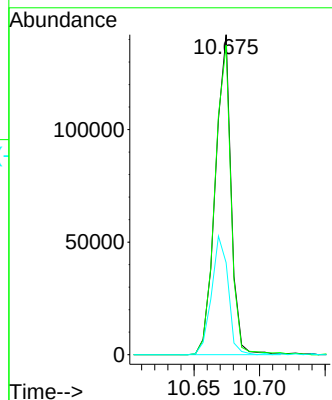
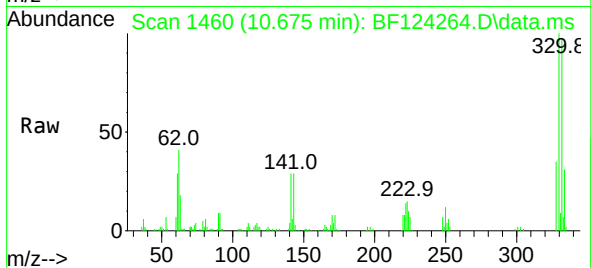




#42
2,4,6-Tribromophenol
Concen: 120.077 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

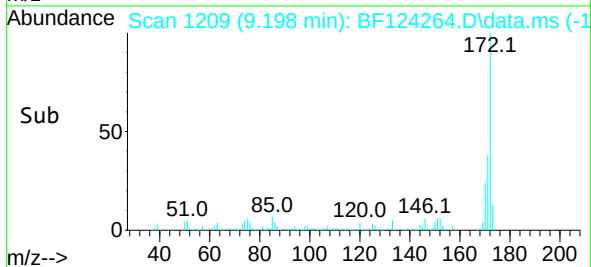
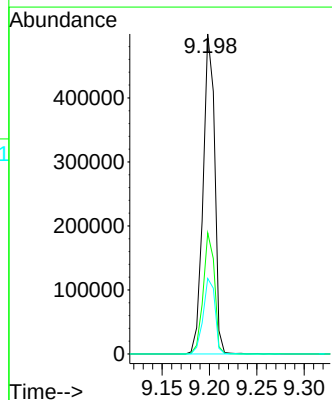
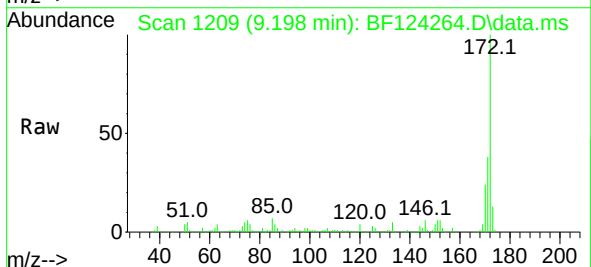
Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

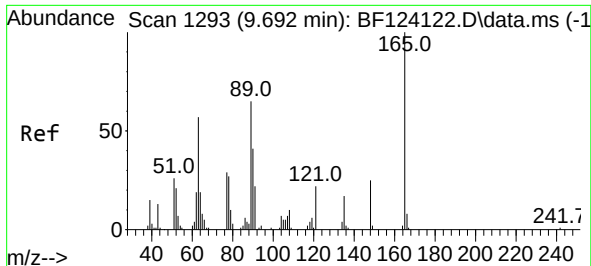
Tgt Ion: 330 Resp: 118351
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 39.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 76.954 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion: 172 Resp: 425443
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 23.6 19.2 28.8

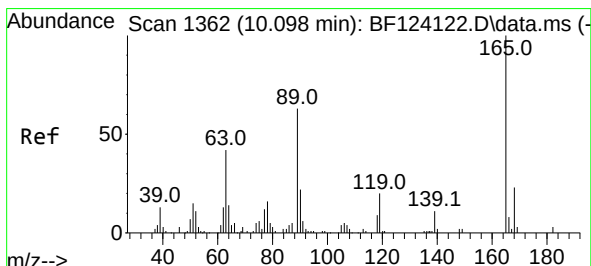
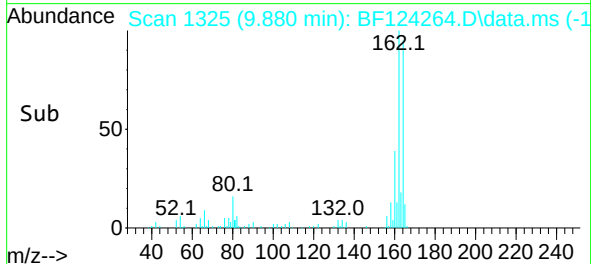
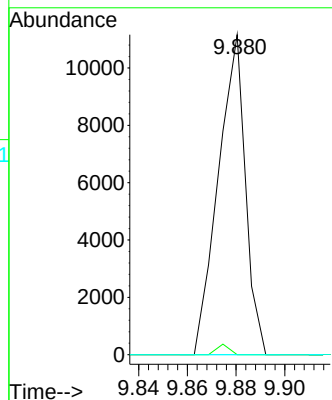
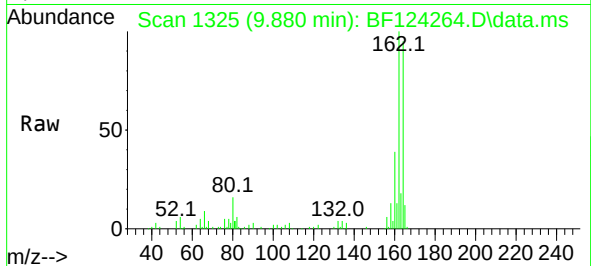




#51
2,6-Dinitrotoluene
Concen: 6.548 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

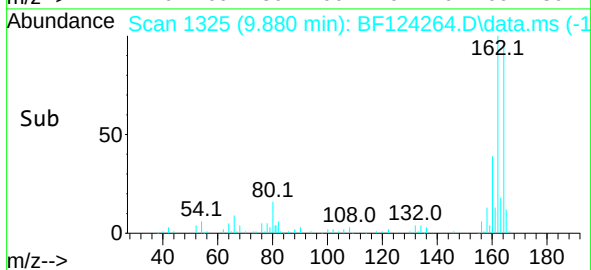
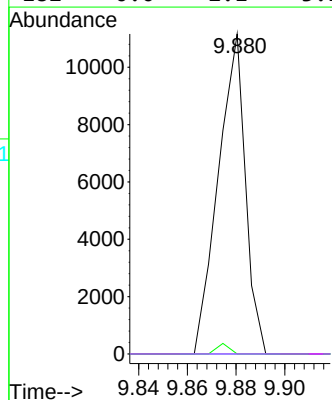
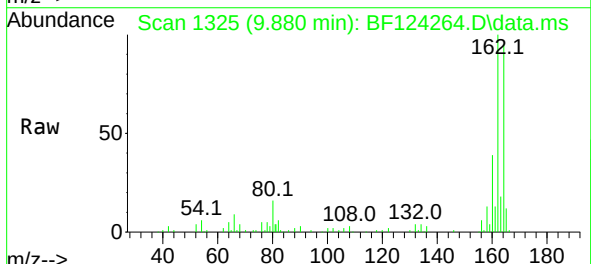
Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

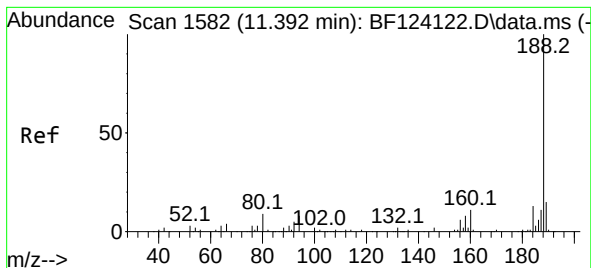
Tgt Ion:165 Resp: 8641
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.965 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion:165 Resp: 8641
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#

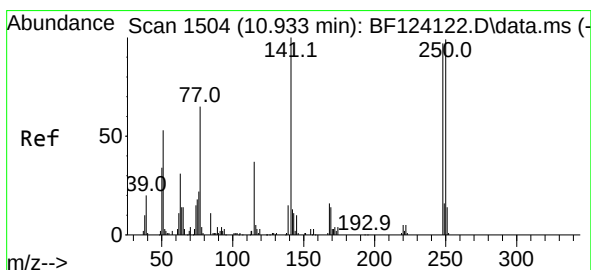
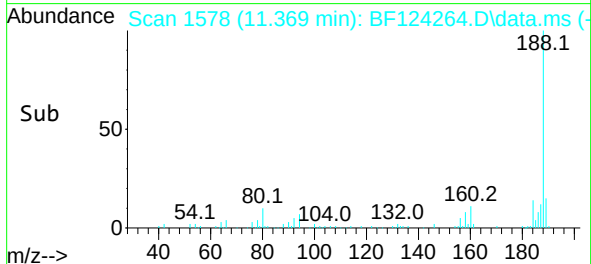
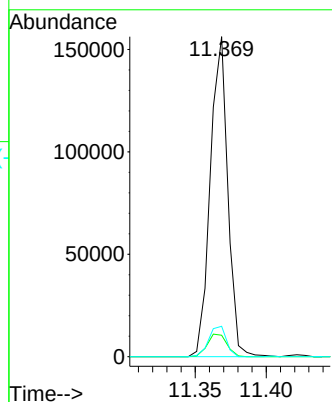
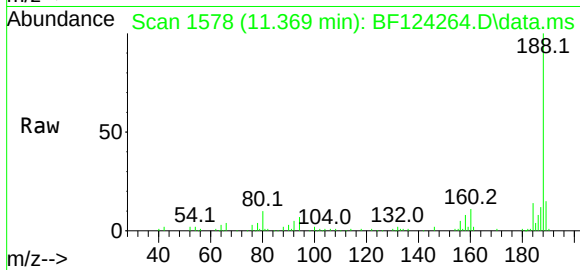




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

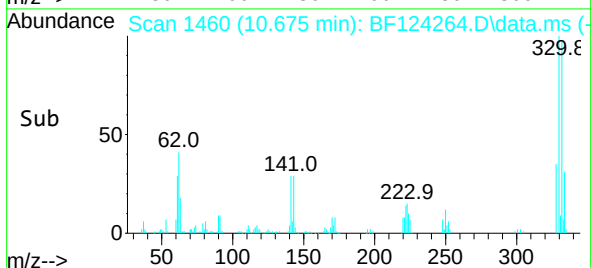
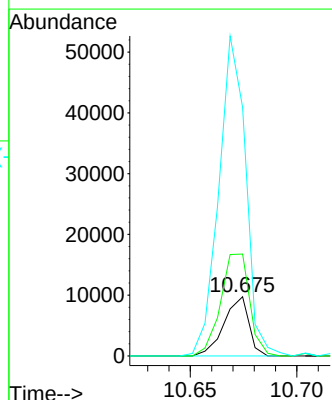
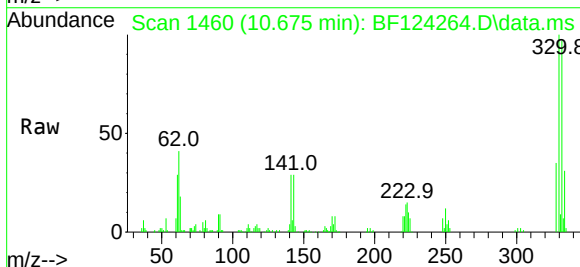
Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

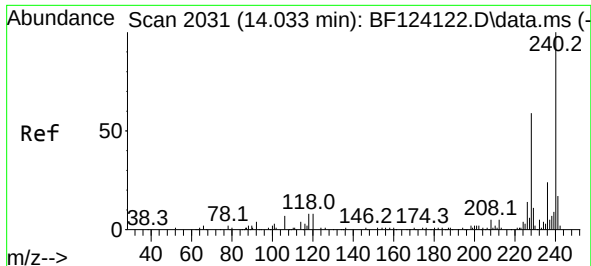
Tgt Ion:188 Resp: 133719
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 9.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.315 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion:248 Resp: 7919
Ion Ratio Lower Upper
248 100
250 172.0 77.4 116.2#
141 419.7 63.7 95.5#

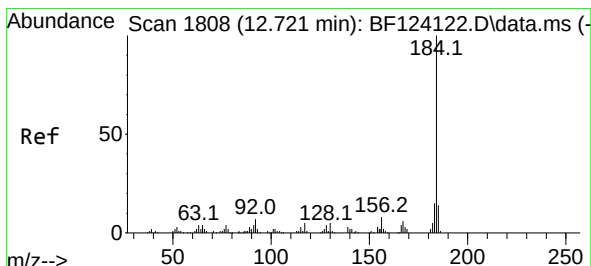
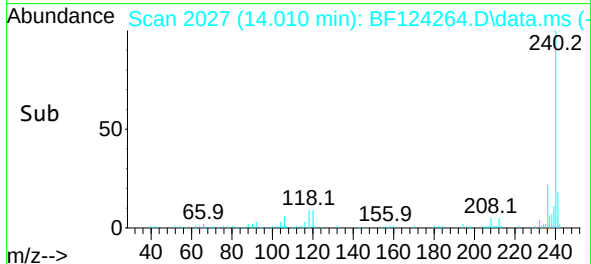
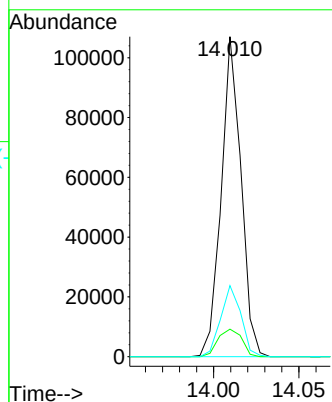
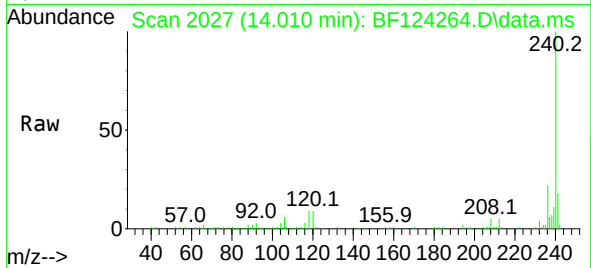




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

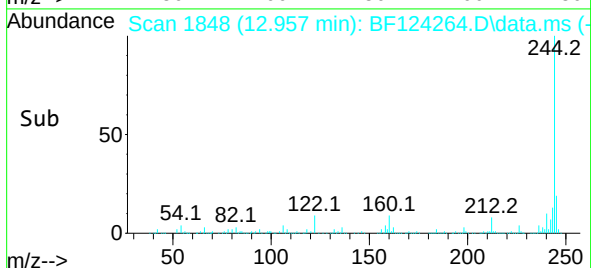
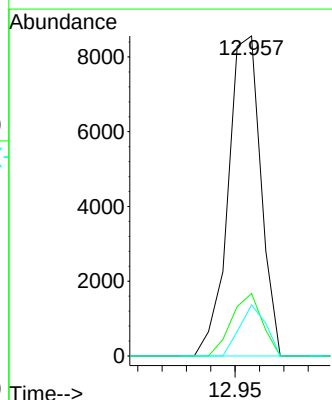
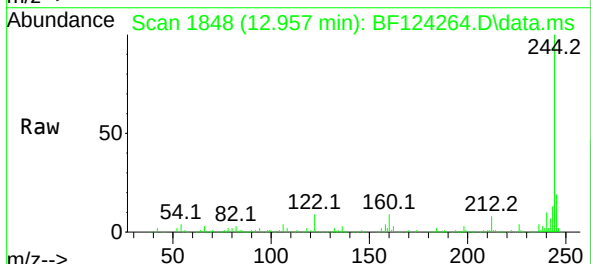
Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

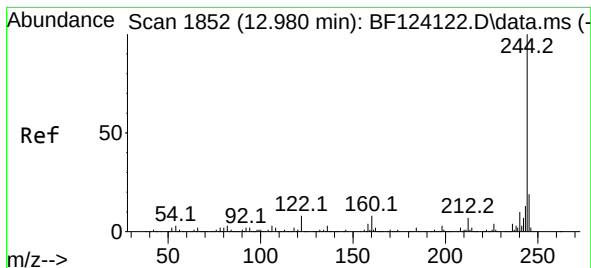
Tgt Ion:240 Resp: 86383
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 22.2 19.0 28.4



#77
Benzidine
Concen: 7.682 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion:184 Resp: 7965
Ion Ratio Lower Upper
184 100
185 19.5 12.1 18.1#
183 16.0 7.8 11.8#





#79

Terphenyl-d14

Concen: 71.650 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF124264.D

Acq: 11 Jun 2021 16:55

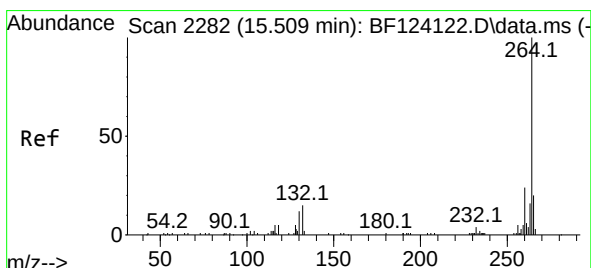
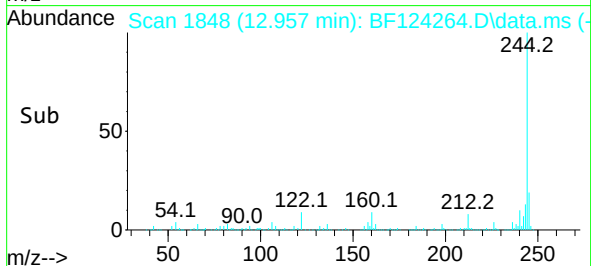
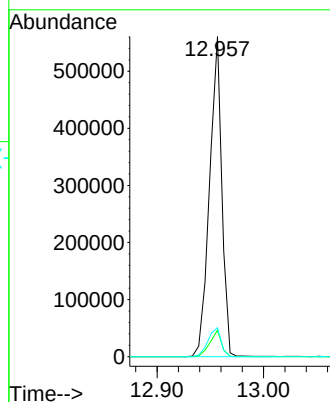
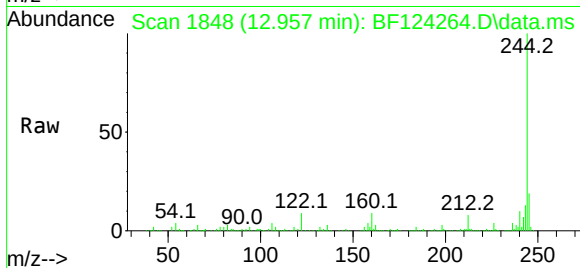
Tgt Ion:244 Resp: 450806

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

122 9.0 9.7 14.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF124264.D

Acq: 11 Jun 2021 16:55

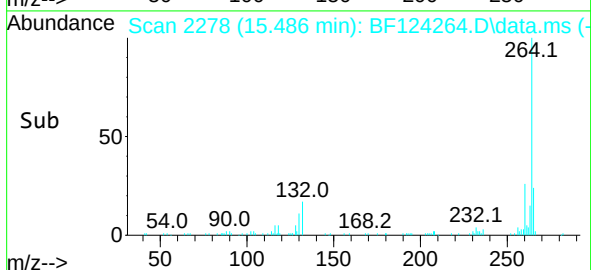
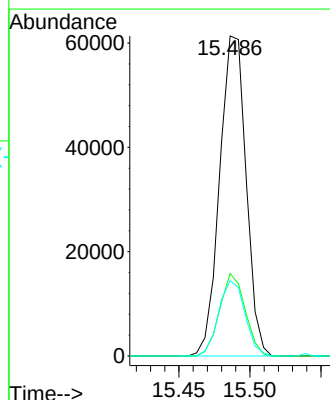
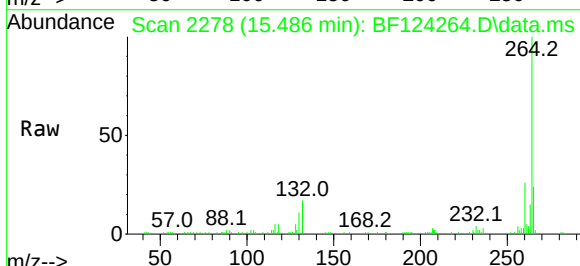
Tgt Ion:264 Resp: 79355

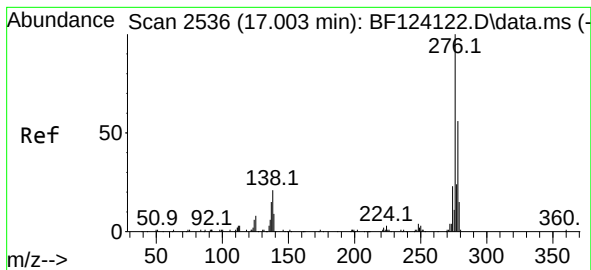
Ion Ratio Lower Upper

264 100

260 25.7 18.7 28.1

265 23.6 17.8 26.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.352 ng
 RT: 16.980 min Scan# 2532
 Delta R.T. 0.000 min
 Lab File: BF124264.D
 Acq: 11 Jun 2021 16:55

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(166-170)

Tgt Ion:276 Resp: 120
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.2 24.2#
 277 0.0 20.1 30.1#

