

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122107.D
 Acq On : 23 Oct 2020 19:22
 Operator : JU/CG
 Sample : L4486-08 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1814

Quant Time: Oct 23 23:36:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

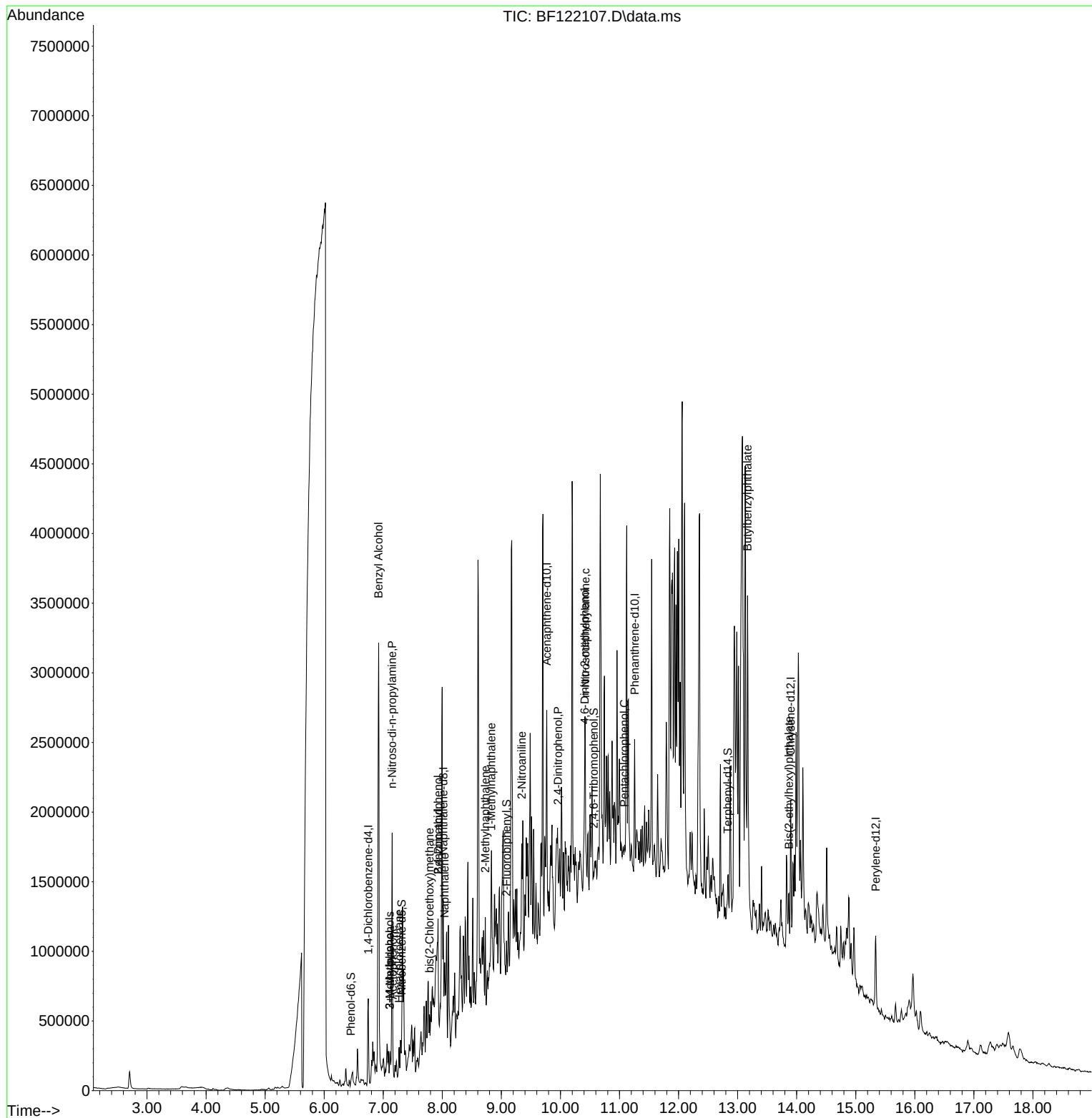
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	101696	20.00	ng	0.02
21) Naphthalene-d8	8.016	136	397473	20.00	ng	0.00
39) Acenaphthene-d10	9.769	164	170807	20.00	ng	# 0.00
64) Phenanthrene-d10	11.257	188	284830	20.00	ng	0.01
76) Chrysene-d12	13.898	240	232777	20.00	ng	0.01
86) Perylene-d12	15.339	264	241550	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	6.451	99	18536	2.09	ng	0.07
23) Nitrobenzene-d5	7.310	82	36323	4.69	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	4696	2.22	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	60129	5.18	ng	0.00
79) Terphenyl-d14	12.833	244	47594	3.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.298	77	902	Below Cal	#	1
15) Benzyl Alcohol	6.922	79	887218	154.65	ng	96
17) 2-Methylphenol	7.110	107	28572	4.80	ng	# 16
18) Hexachloroethane	7.269	117	8540	3.01	ng	# 1
19) n-Nitroso-di-n-propyla...	7.151	70	34466	6.82	ng	# 70
20) 3+4-Methylphenols	7.110	107	28572	3.98	ng	# 26
22) Acetophenone	7.163	105	28401	2.78	ng	# 86
27) 2,4-Dimethylphenol	7.928	122	514422	79.10	ng	# 6
28) bis(2-Chloroethoxy)met...	7.786	93	20360	2.22	ng	# 90
31) Naphthalene	8.039	128	80336	3.77	ng	# 94
32) Benzoic acid	7.928	122	518938	124.94	ng	95
37) 2-Methylnaphthalene	8.728	142	126252	9.15	ng	98
38) 1-Methylnaphthalene	8.828	142	71063	5.56	ng	# 97
48) 2-Nitroaniline	9.345	65	15544	4.36	ng	# 33
54) 2,4-Dinitrophenol	9.957	184	109	8.76	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.410	198	749	4.79	ng	# 1
66) n-Nitrosodiphenylamine	10.422	169	30804	3.14	ng	# 59
70) Pentachlorophenol	11.080	266	1477	8.85	ng	# 23
80) Butylbenzylphthalate	13.168	149	252540	35.90	ng	# 53
84) Bis(2-ethylhexyl)phtha...	13.868	149	95619	10.01	ng	# 98

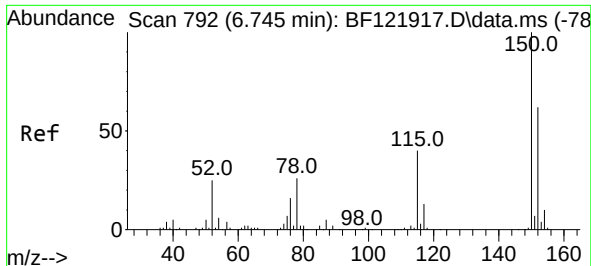
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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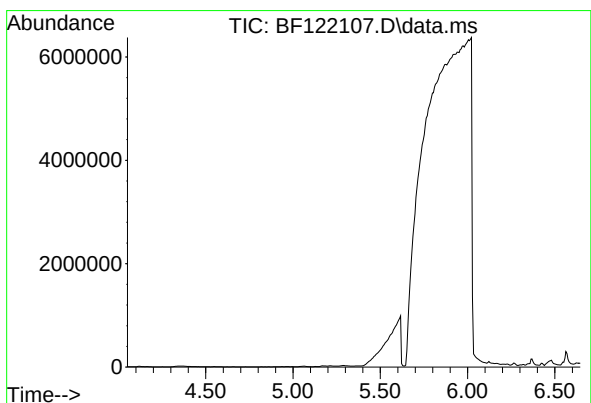
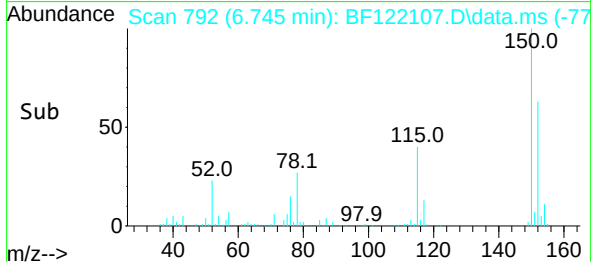
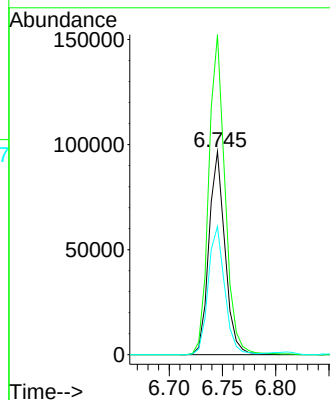
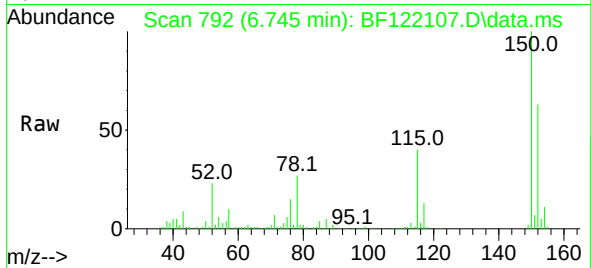




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.745 min Scan# 792
 Delta R.T. 0.017 min
 Lab File: BF122107.D
 Acq: 23 Oct 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 1814

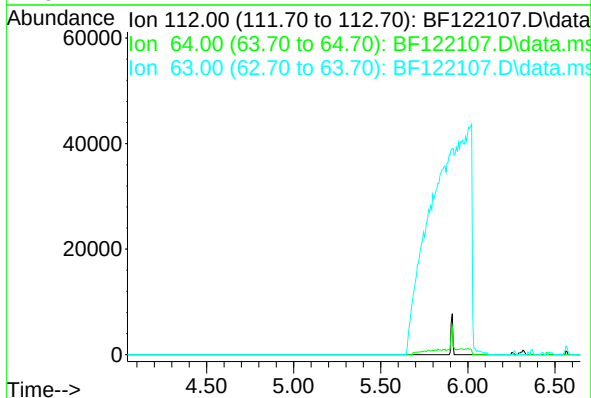
Tgt Ion:	152	Resp:	101696
Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	63.1	51.9	77.9

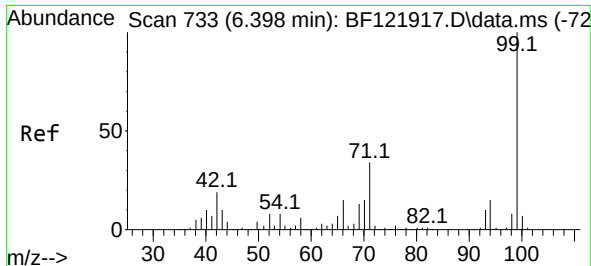


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.35 min

Lab File: BF122107.D
 Acq: 23 Oct 2020 19:22

Tgt Ion:	112
Sig	Exp Ratio
112	100
64	63.0
63	32.2

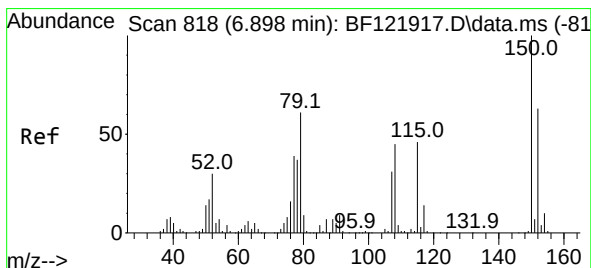
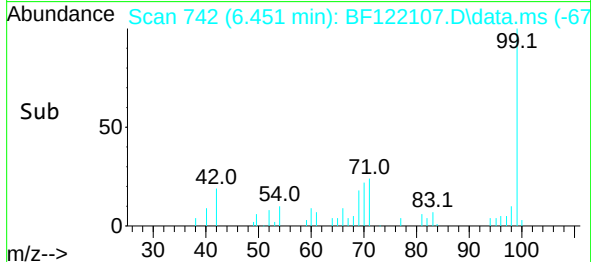
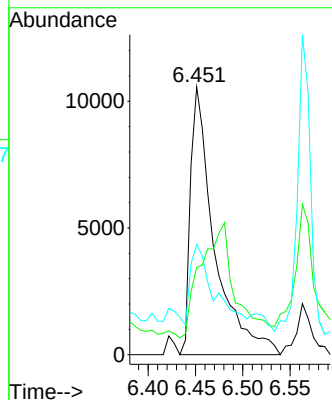
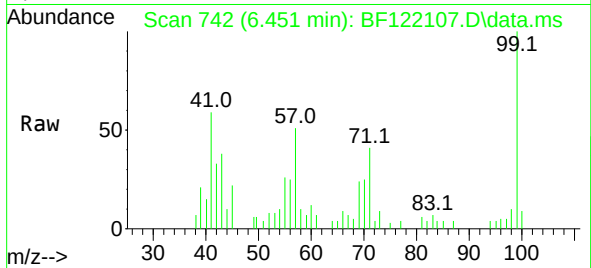




#7
Phenol-d6
Concen: 2.09 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.070 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

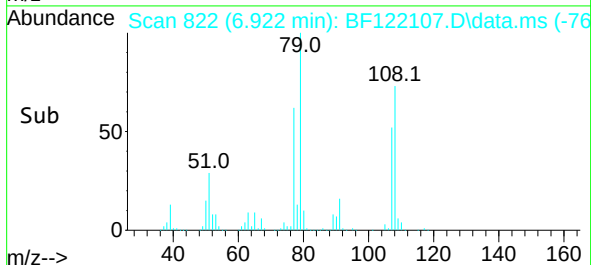
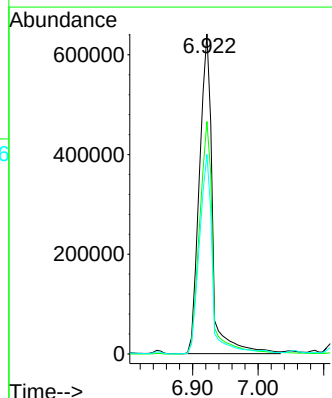
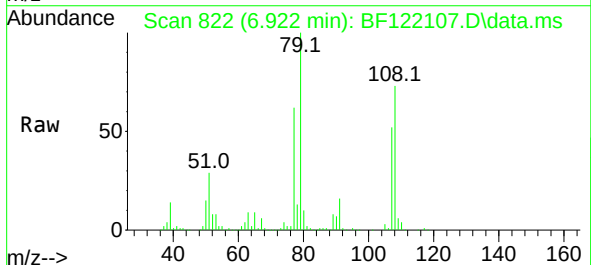
Instrument :
BNA_F
ClientSampleId :
1814

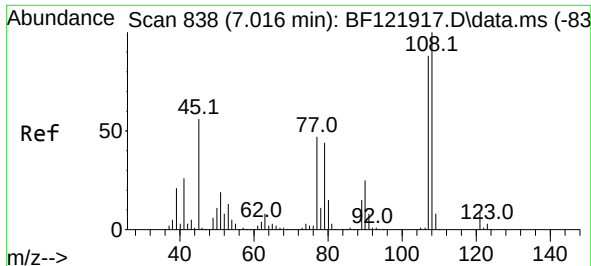
Tgt Ion: 99 Resp: 18536
Ion Ratio Lower Upper
99 100
42 32.6 15.9 23.9#
71 41.2 27.1 40.7#



#15
Benzyl Alcohol
Concen: 154.65 ng
RT: 6.922 min Scan# 822
Delta R.T. 0.035 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

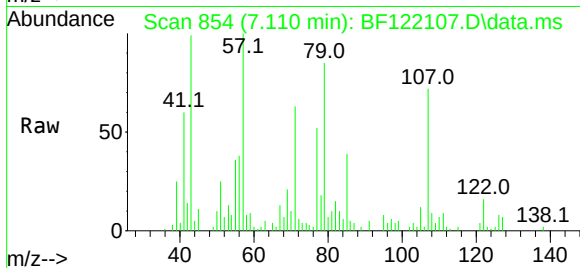
Tgt Ion: 79 Resp: 887218
Ion Ratio Lower Upper
79 100
108 72.7 62.3 93.5
77 62.4 50.6 75.8



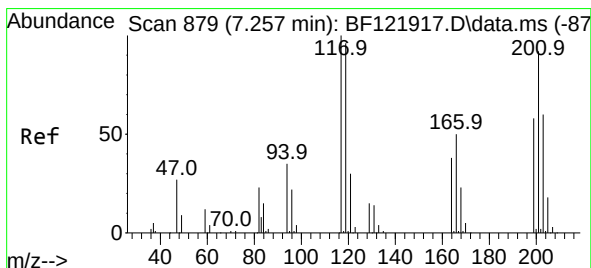
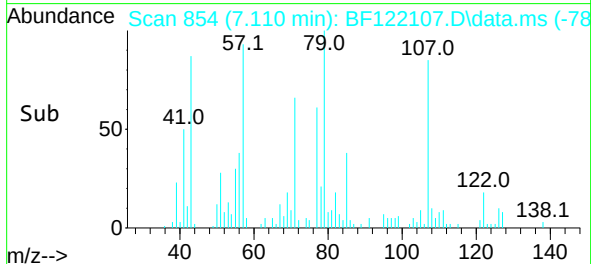
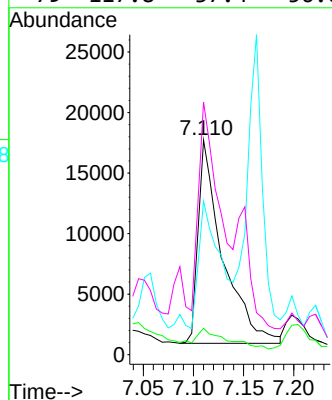


#17
2-Methylphenol
Concen: 4.80 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.112 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Instrument :
BNA_F
ClientSampled :
1814

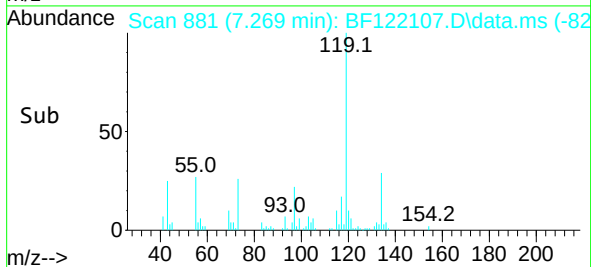
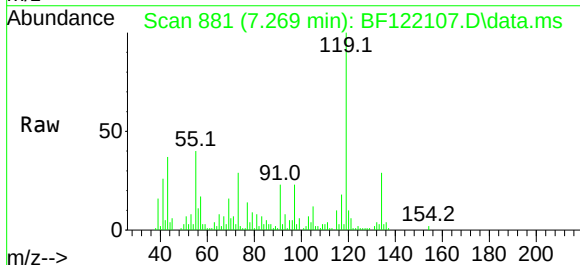
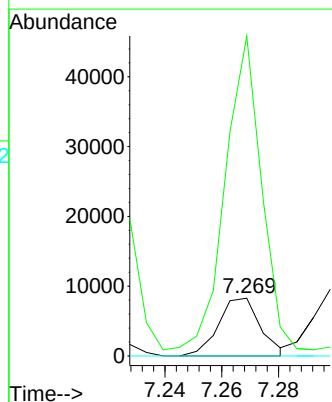


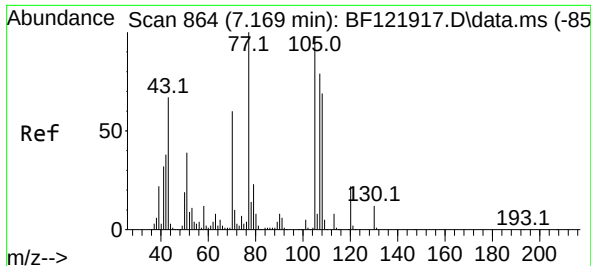
Tgt Ion:	107	Resp:	28572
Ion	Ratio	Lower	Upper
107	100		
108	12.3	90.9	136.3#
77	71.6	37.5	56.3#
79	117.8	37.4	56.0#



#18
Hexachloroethane
Concen: 3.01 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.035 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion:	117	Resp:	8540
Ion	Ratio	Lower	Upper
117	100		
119	553.3	76.3	114.5#
201	0.0	71.8	107.6#



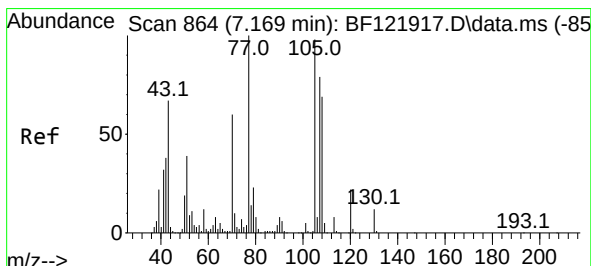
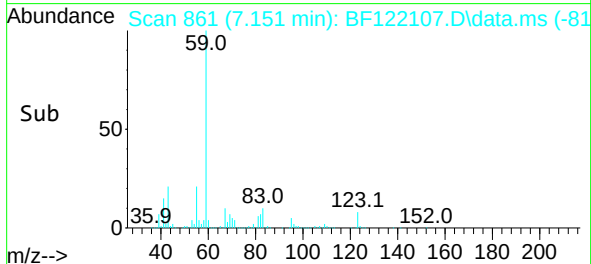
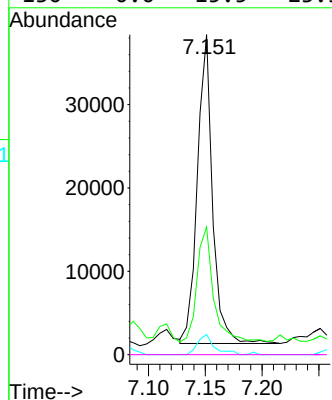
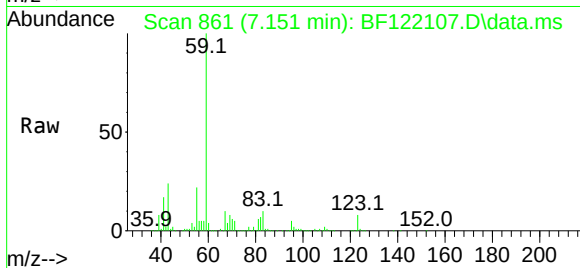


#19

n-Nitroso-di-n-propylamine
Concen: 6.82 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Instrument :
BNA_F
ClientSampleId :
1814

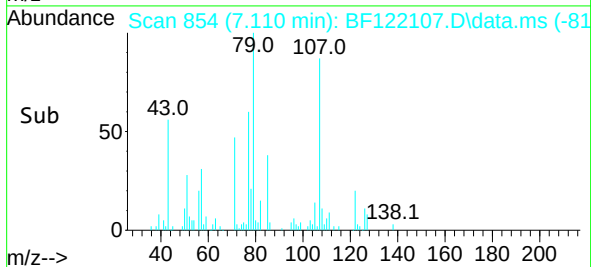
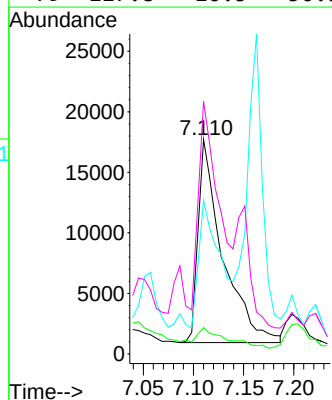
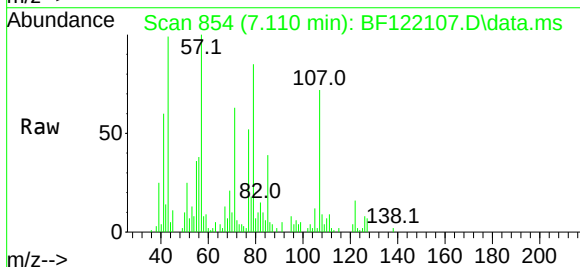
Tgt Ion:	70	Resp:	34466
Ion Ratio	Lower	Upper	
70	100		
42	39.9	50.2	75.4#
101	6.3	7.5	11.3#
130	0.0	15.5	23.3#

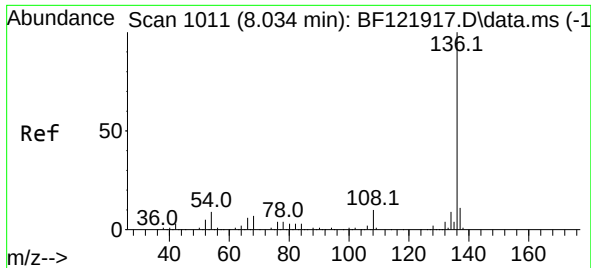


#20

3+4-Methylphenols
Concen: 3.98 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.047 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion:	107	Resp:	28572
Ion Ratio	Lower	Upper	
107	100		
108	12.3	68.9	108.9#
77	71.6	108.0	148.0#
79	117.8	10.5	50.5#

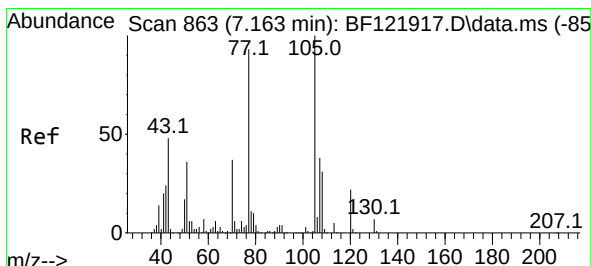
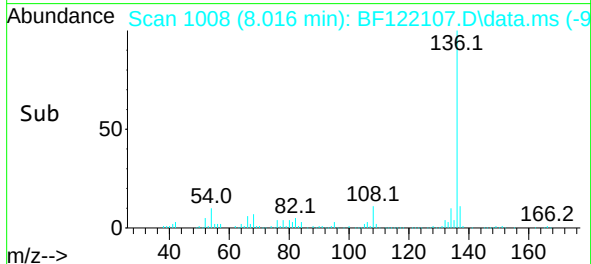
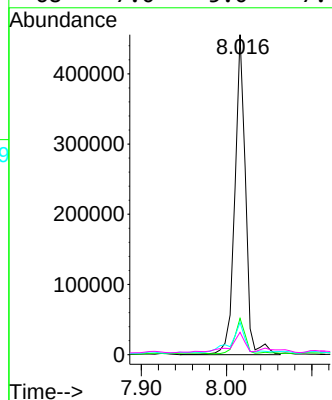
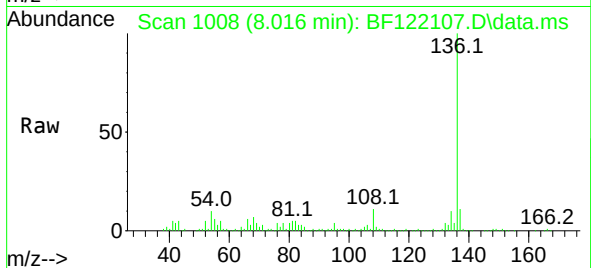




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

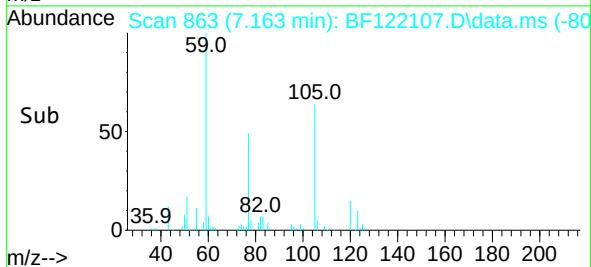
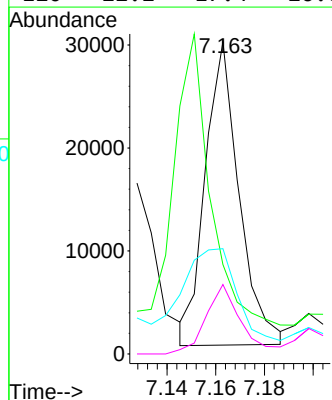
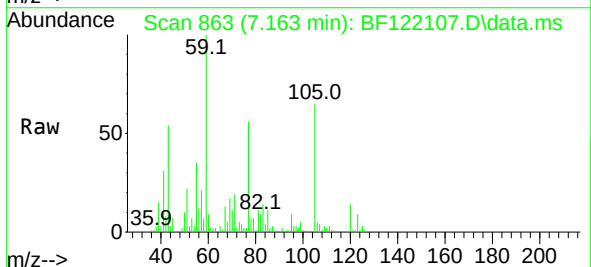
Instrument :
BNA_F
ClientSampleId :
1814

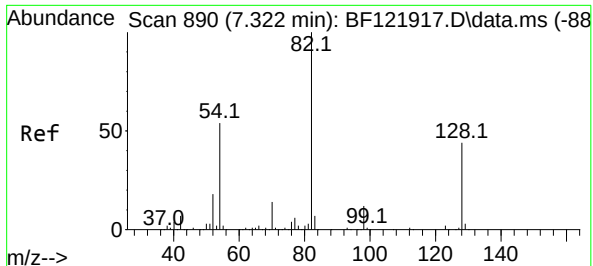
Tgt Ion:136	Resp: 397473
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 13.0
54 10.1	7.1 10.7
68 7.0	5.0 7.4



#22
Acetophenone
Concen: 2.78 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.018 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt	Ion:105	Resp:	28401
Ion	Ratio	Lower	Upper
105	100		
71	28.6	5.3	7.9#
51	33.7	33.2	49.8
120	22.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 4.69 ng

RT: 7.310 min Scan# 888

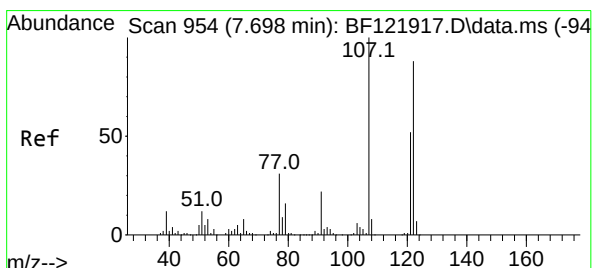
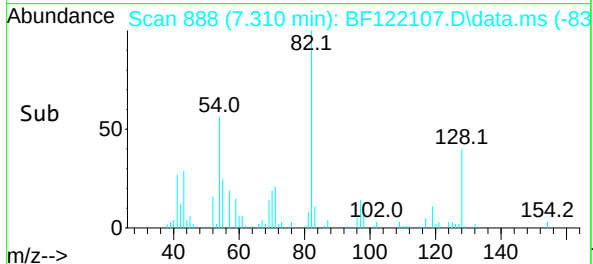
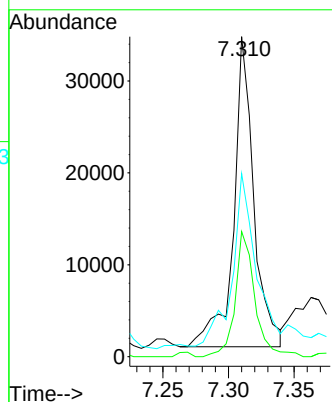
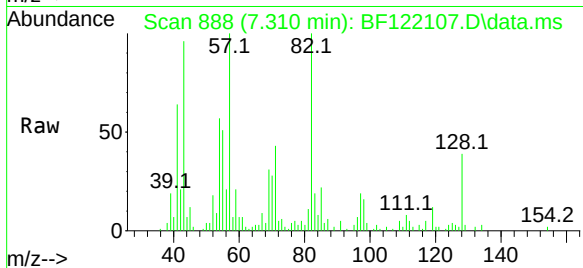
Delta R.T. 0.006 min

Lab File: BF122107.D

Acq: 23 Oct 2020 19:22

Tgt Ion: 82 Resp: 36323

Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.0	52.4
54	57.2	43.9	65.9



#27

2,4-Dimethylphenol

Concen: 79.10 ng

RT: 7.928 min Scan# 993

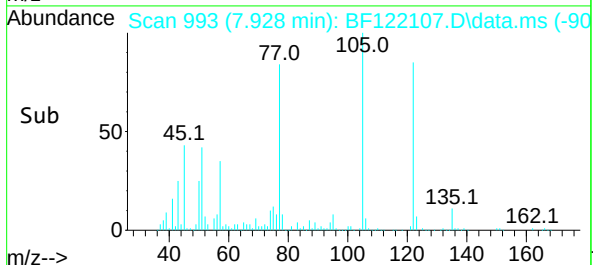
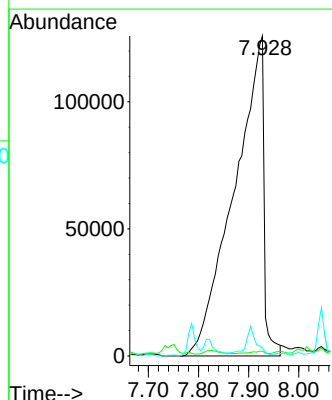
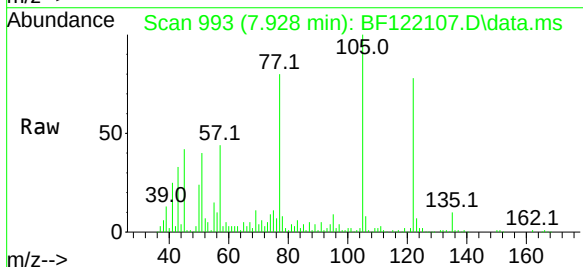
Delta R.T. 0.247 min

Lab File: BF122107.D

Acq: 23 Oct 2020 19:22

Tgt Ion: 122 Resp: 514422

Ion	Ratio	Lower	Upper
122	100		
107	1.5	90.8	136.2#
121	2.5	47.5	71.3#

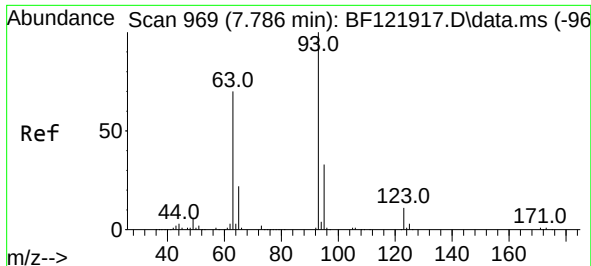


Instrument :

BNA_F

ClientSampleId :

1814



#28

bis(2-Chloroethoxy)methane

Concen: 2.22 ng

RT: 7.786 min Scan# 969

Delta R.T. 0.017 min

Lab File: BF122107.D

Acq: 23 Oct 2020 19:22

Tgt Ion: 93 Resp: 20360

Ion Ratio Lower Upper

93 100

95 37.5 26.2 39.4

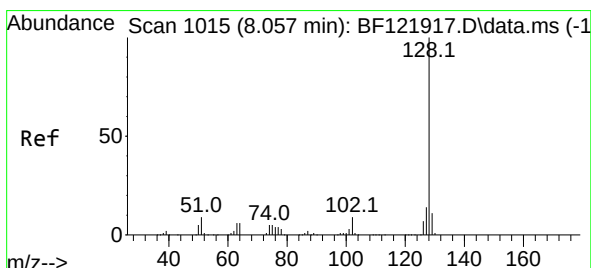
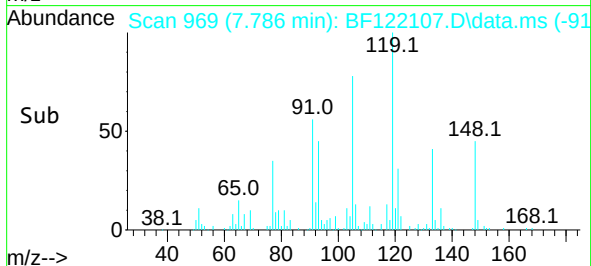
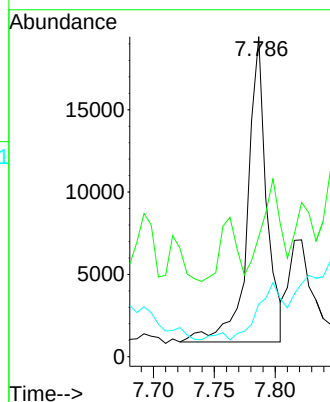
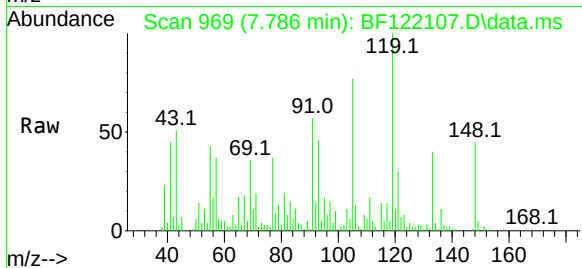
123 16.5 8.8 13.2#

Instrument :

BNA_F

ClientSampled :

1814



#31

Naphthalene

Concen: 3.77 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.006 min

Lab File: BF122107.D

Acq: 23 Oct 2020 19:22

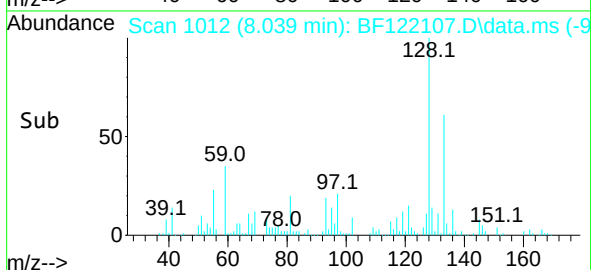
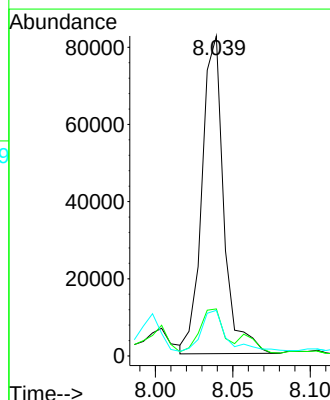
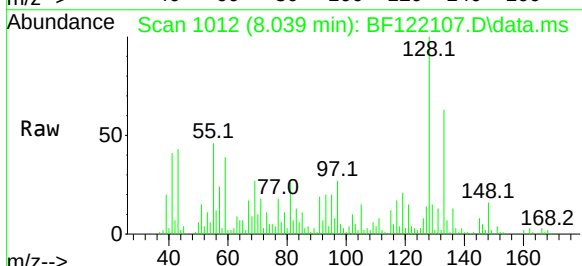
Tgt Ion:128 Resp: 80336

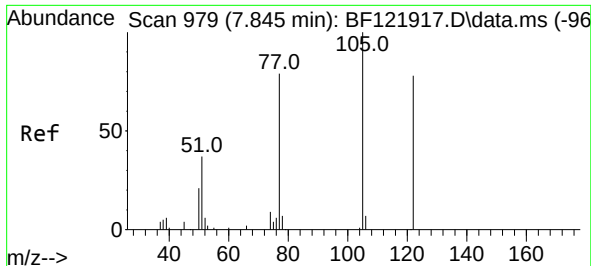
Ion Ratio Lower Upper

128 100

129 14.7 8.7 13.1#

127 14.2 10.8 16.2

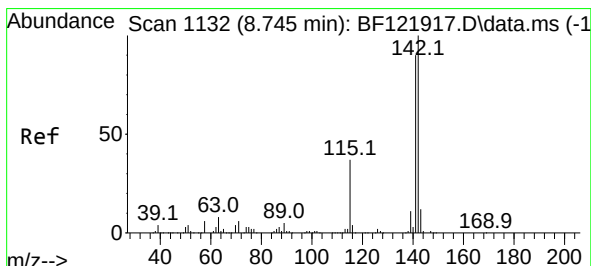
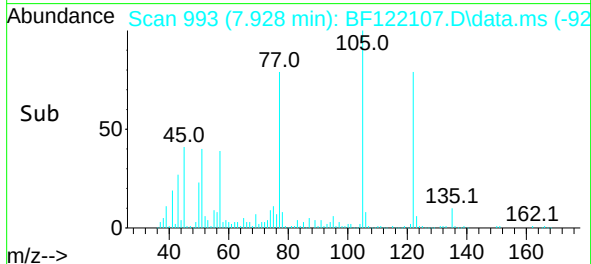
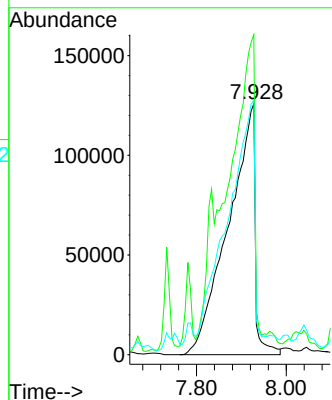
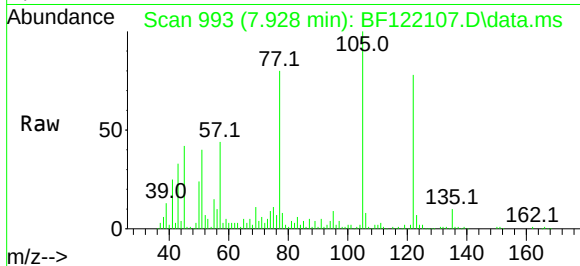




#32
Benzoic acid
Concen: 124.94 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.082 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

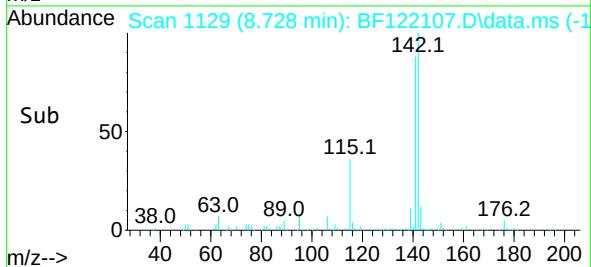
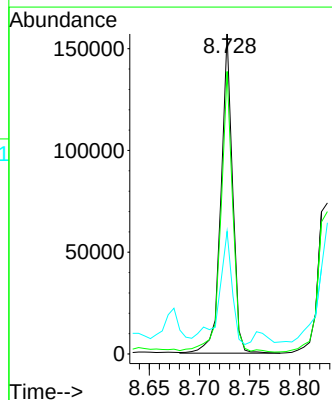
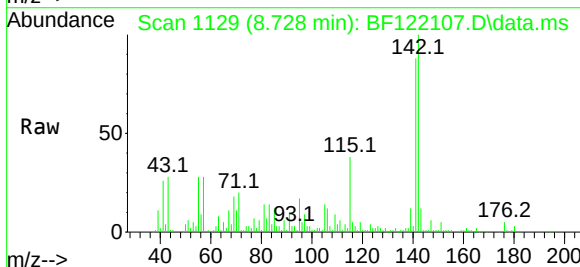
Instrument :
BNA_F
ClientSampleId :
1814

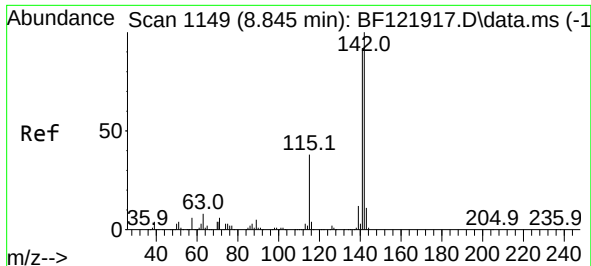
Tgt Ion:122 Resp: 518938
Ion Ratio Lower Upper
122 100
105 127.5 103.3 143.3
77 101.4 73.9 113.9



#37
2-Methylnaphthalene
Concen: 9.15 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion:142 Resp: 126252
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.4
115 38.3 28.6 43.0

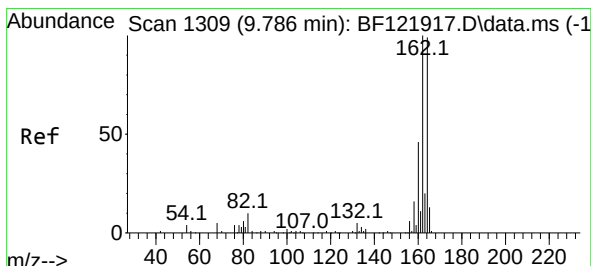
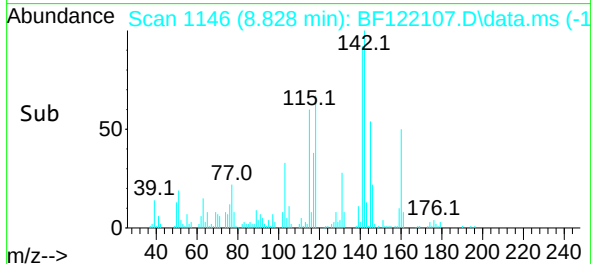
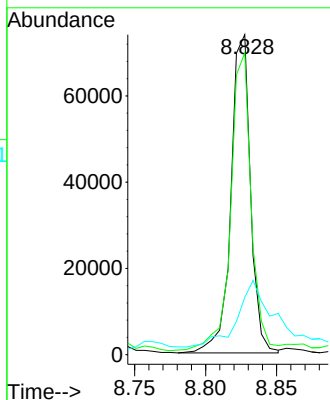
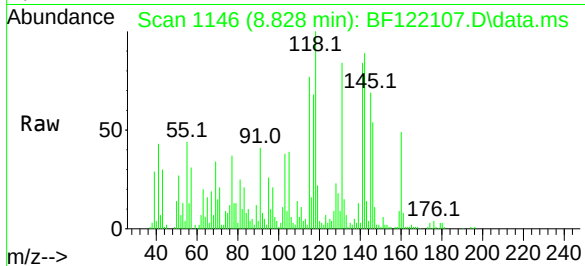




#38
1-Methylnaphthalene
Concen: 5.56 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

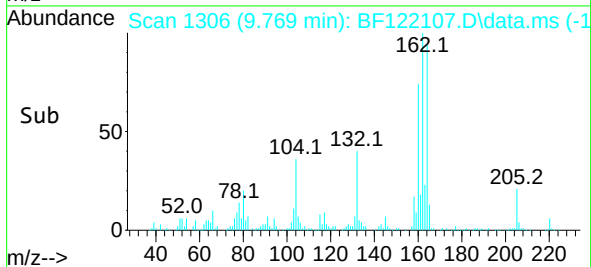
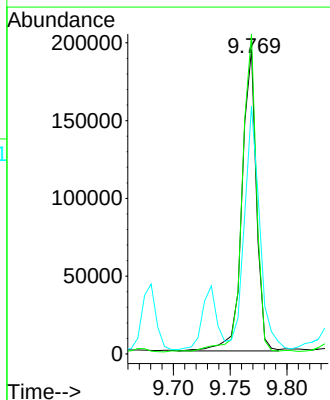
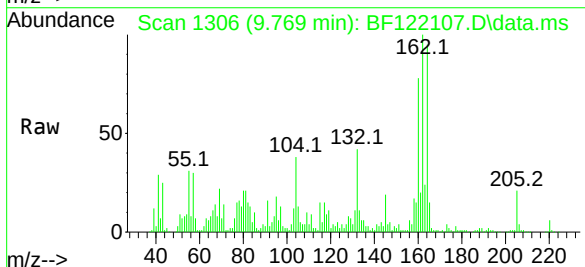
Instrument :
BNA_F
ClientSampleId :
1814

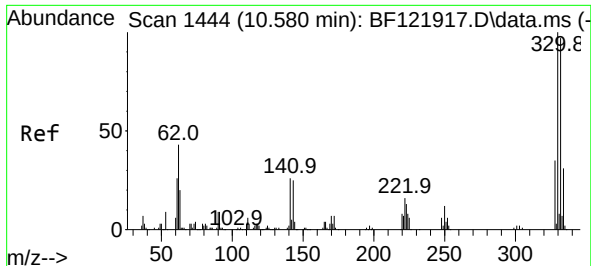
Tgt Ion:142 Resp: 71063
Ion Ratio Lower Upper
142 100
141 94.3 74.5 111.7
116 17.9 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion:164 Resp: 170807
Ion Ratio Lower Upper
164 100
162 105.2 83.2 124.8
160 81.5 37.5 56.3#

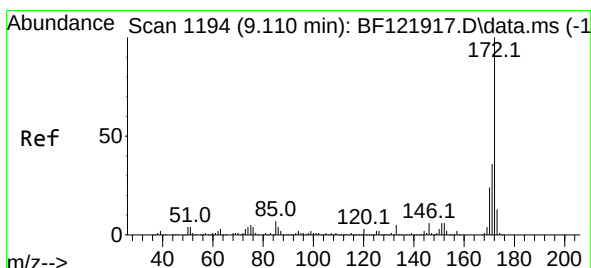
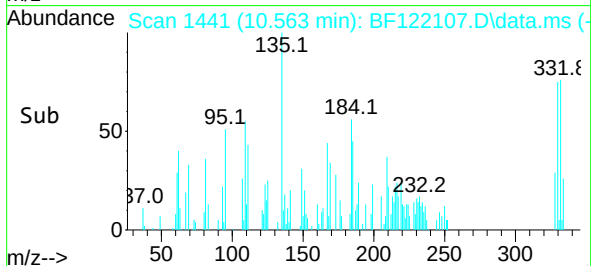
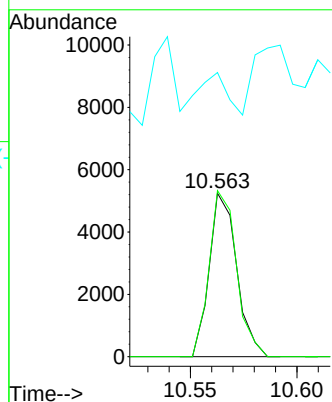
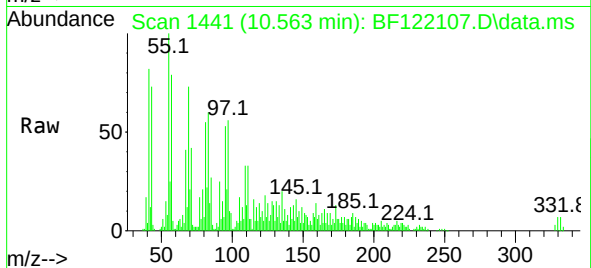




#42
2,4,6-Tribromophenol
Concen: 2.22 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

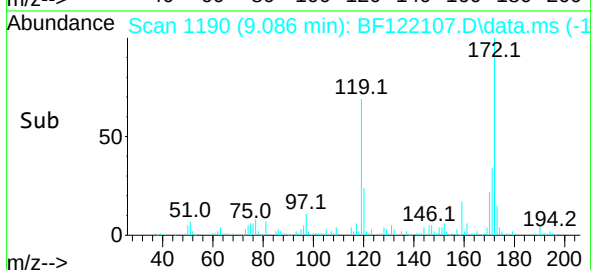
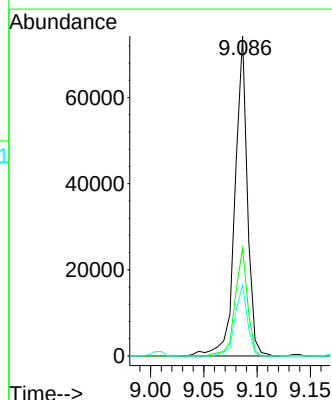
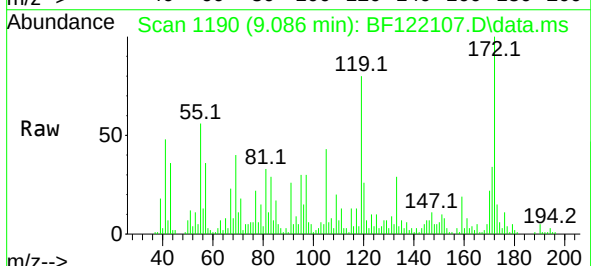
Instrument :
BNA_F
ClientSampleId :
1814

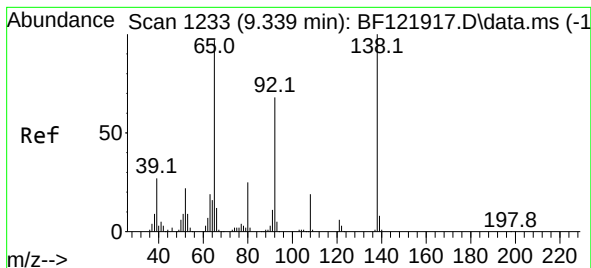
Tgt Ion: 330 Resp: 4696
Ion Ratio Lower Upper
330 100
332 101.2 77.3 115.9
141 21.9 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 5.18 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion: 172 Resp: 60129
Ion Ratio Lower Upper
172 100
171 33.7 29.1 43.7
170 22.1 19.8 29.6

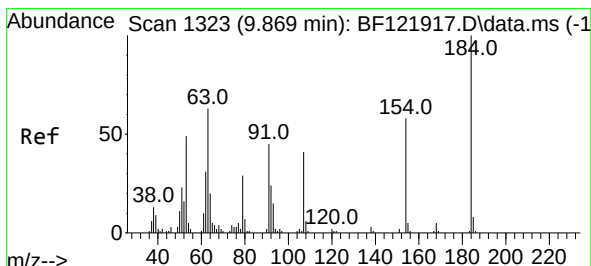
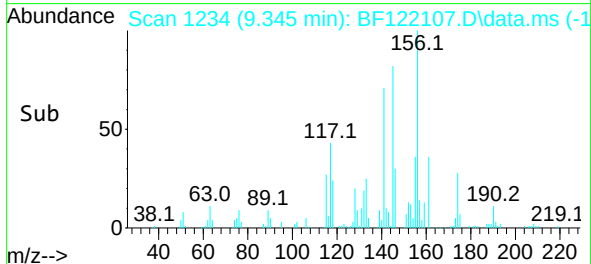
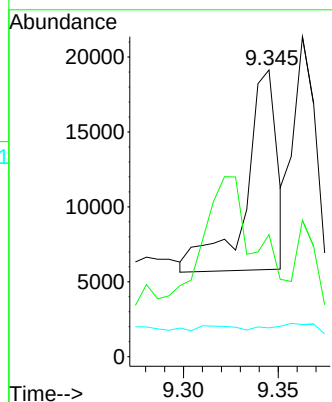
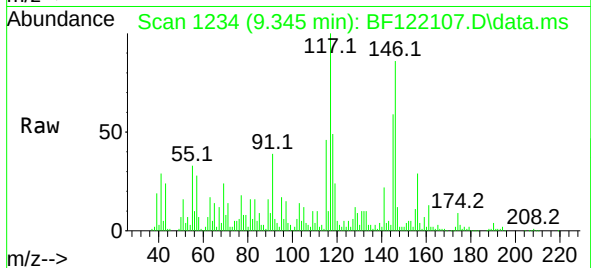




#48
2-Nitroaniline
Concen: 4.36 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.023 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

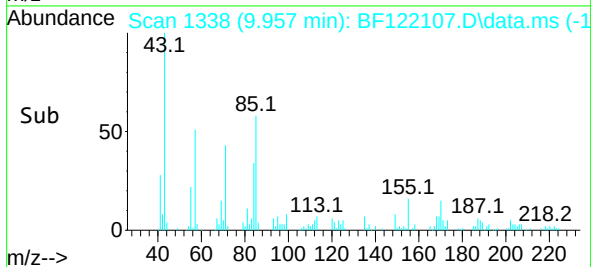
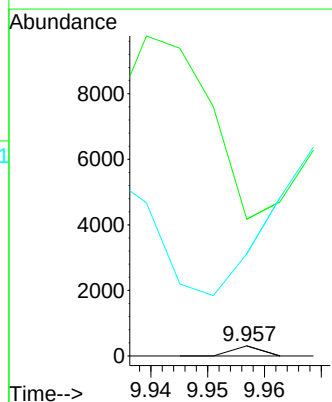
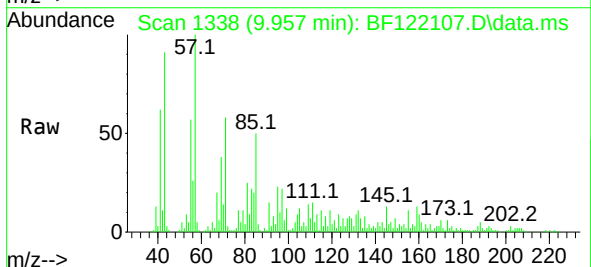
Instrument :
BNA_F
ClientSampleId :
1814

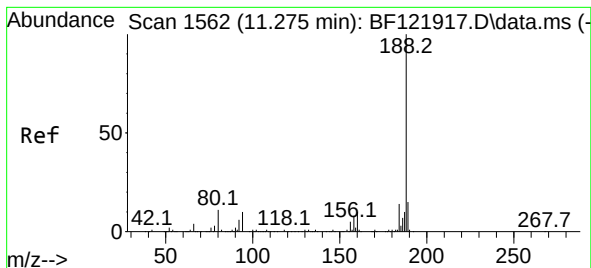
Tgt Ion: 65 Resp: 15544
Ion Ratio Lower Upper
65 100
92 42.6 55.1 82.7#
138 10.0 80.5 120.7#



#54
2,4-Dinitrophenol
Concen: 8.76 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.106 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion: 184 Resp: 109
Ion Ratio Lower Upper
184 100
63 1351.1 45.9 68.9#
154 1008.1 45.8 68.6#

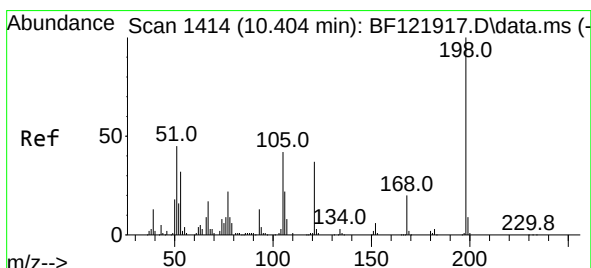
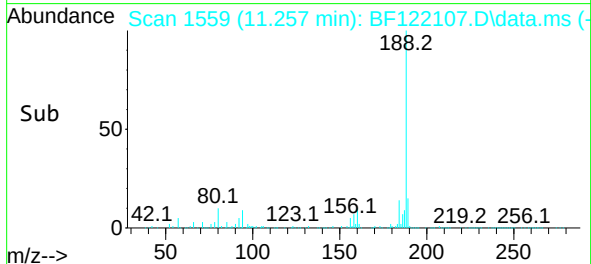
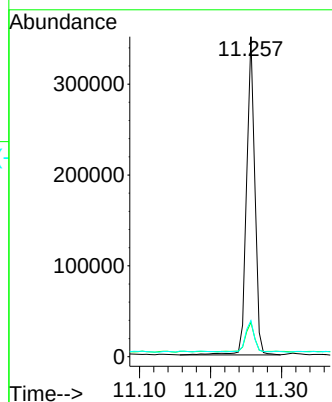
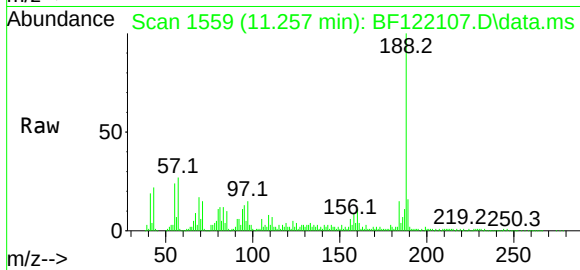




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.012 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

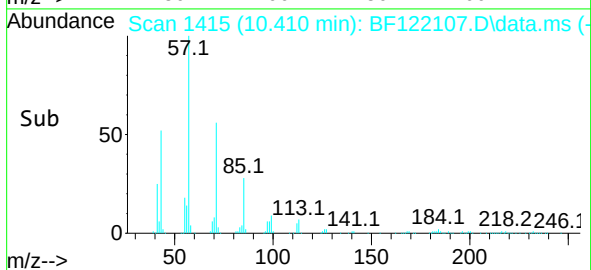
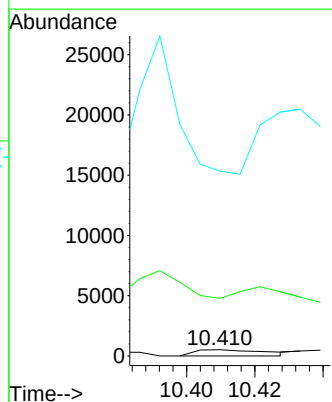
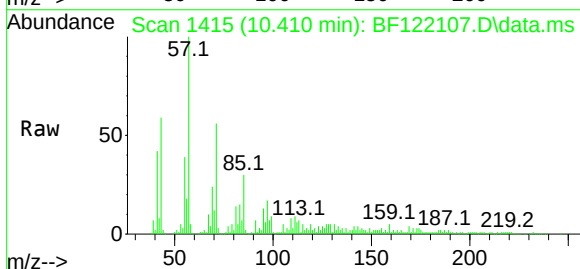
Instrument :
BNA_F
ClientSampleId :
1814

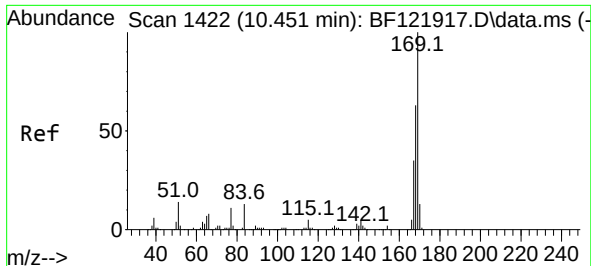
Tgt Ion:188 Resp: 284830
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.79 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.023 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion:198 Resp: 749
Ion Ratio Lower Upper
198 100
51 920.2 29.6 69.6#
105 2949.4 24.4 64.4#

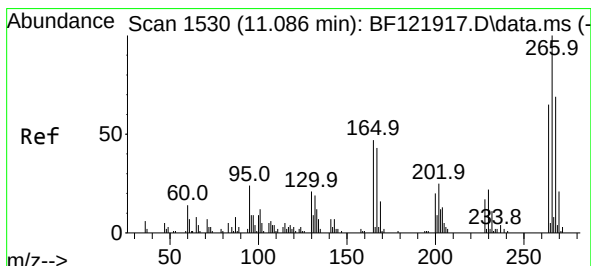
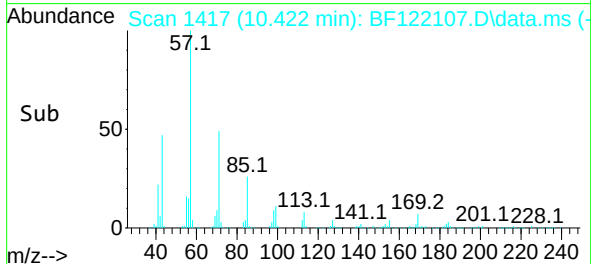
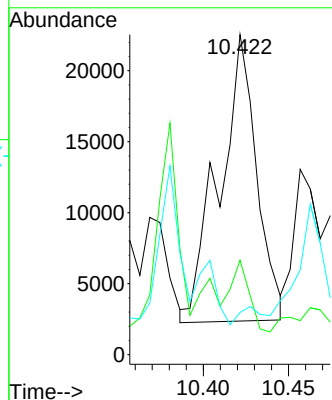
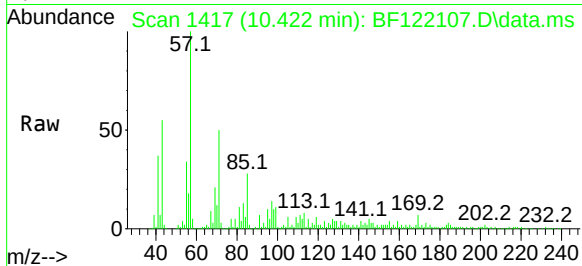




#66
n-Nitrosodiphenylamine
Concen: 3.14 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

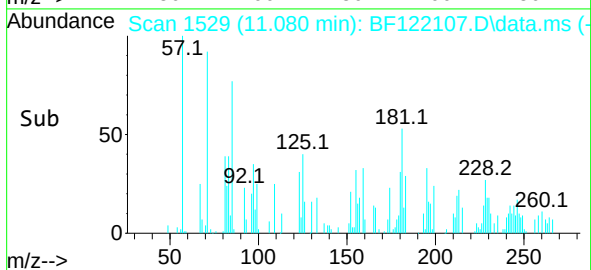
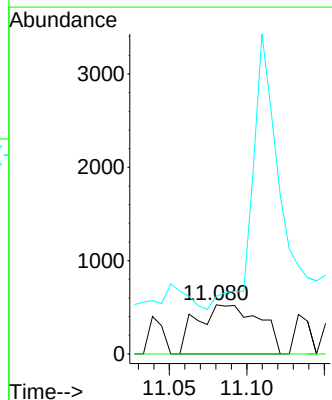
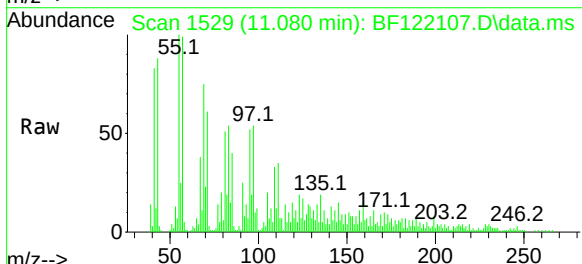
Instrument :
BNA_F
ClientSampleId :
1814

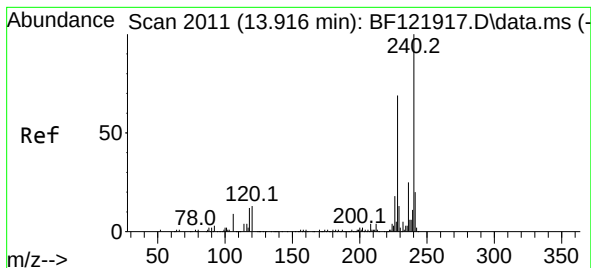
Tgt Ion:169 Resp: 30804
Ion Ratio Lower Upper
169 100
168 29.5 50.0 75.0#
167 13.2 27.8 41.6#



#70
Pentachlorophenol
Concen: 8.85 ng
RT: 11.080 min Scan# 1529
Delta R.T. 0.017 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion:266 Resp: 1477
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 117.1 49.9 74.9#

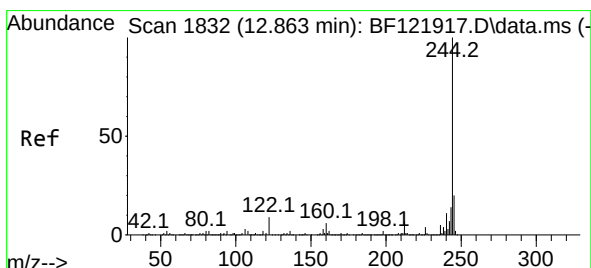
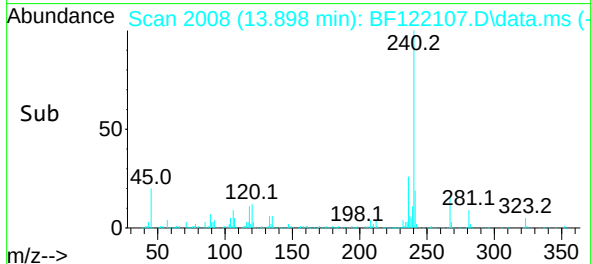
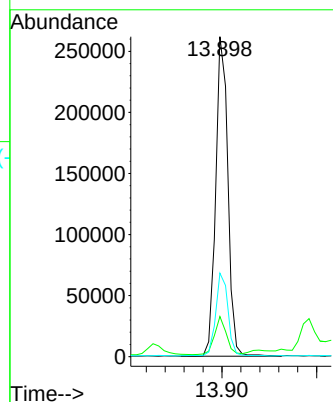
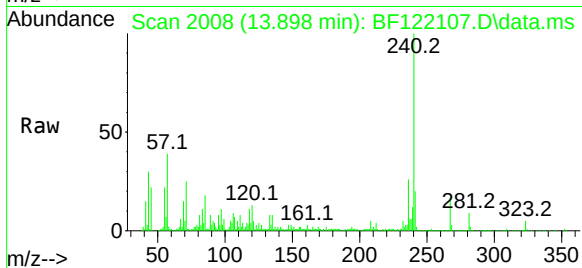




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

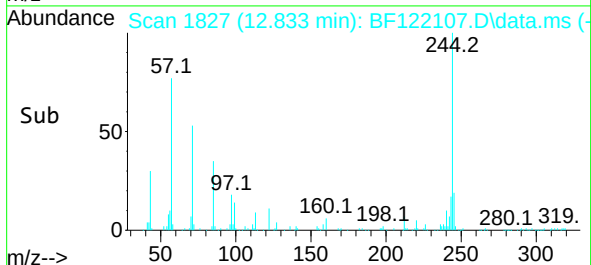
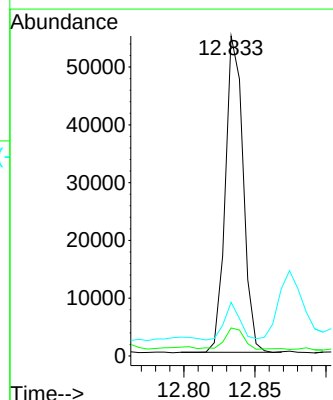
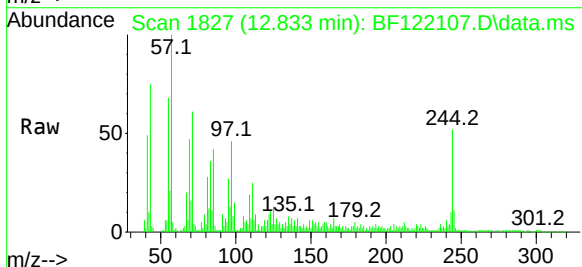
Instrument :
BNA_F
ClientSampled :
1814

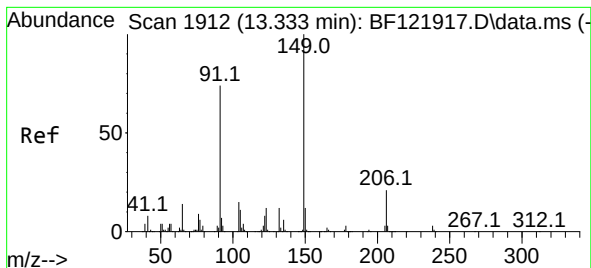
Tgt Ion:240 Resp: 232777
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 3.90 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Tgt Ion:244 Resp: 47594
Ion Ratio Lower Upper
244 100
212 8.8 5.4 8.2#
122 16.8 8.1 12.1#





#80

Butylbenzylphthalate

Concen: 35.90 ng

RT: 13.168 min Scan# 1884

Delta R.T. -0.135 min

Lab File: BF122107.D

Acq: 23 Oct 2020 19:22

Tgt Ion:149 Resp: 252540

Ion Ratio Lower Upper

149 100

91 34.6 61.0 91.4#

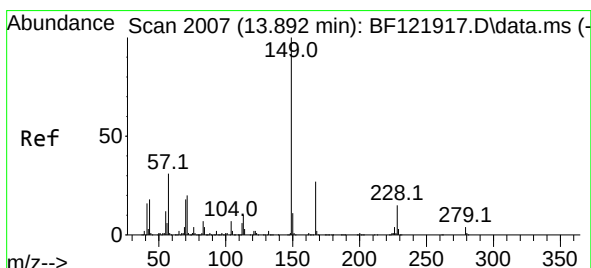
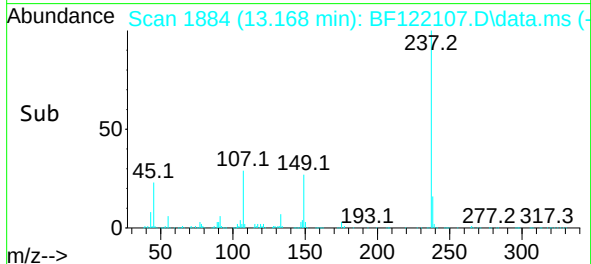
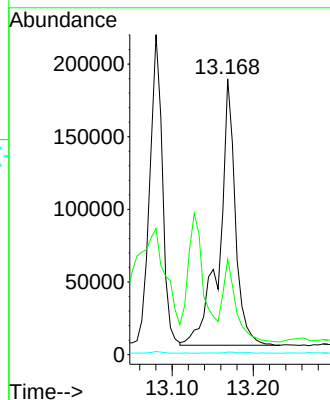
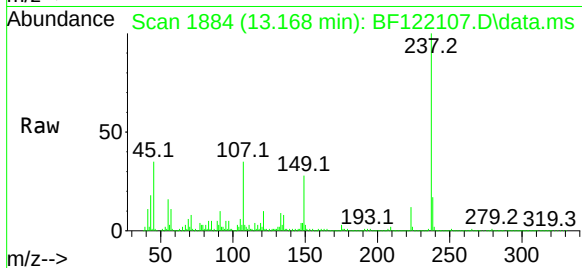
206 0.9 16.7 25.1#

Instrument :

BNA_F

ClientSampleId :

1814



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.01 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.012 min

Lab File: BF122107.D

Acq: 23 Oct 2020 19:22

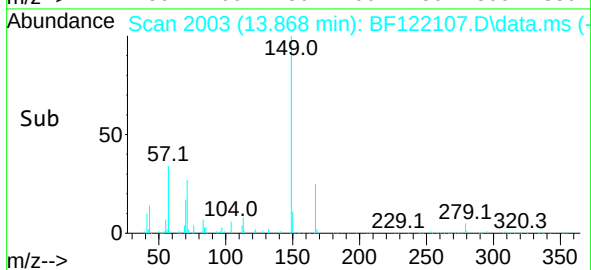
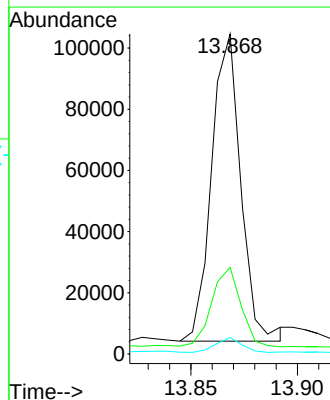
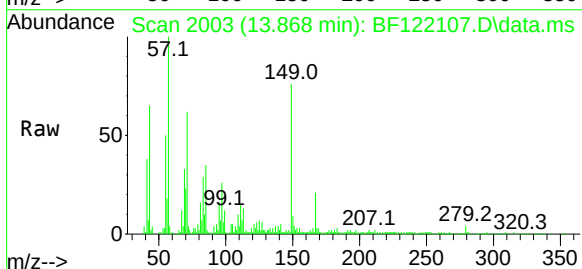
Tgt Ion:149 Resp: 95619

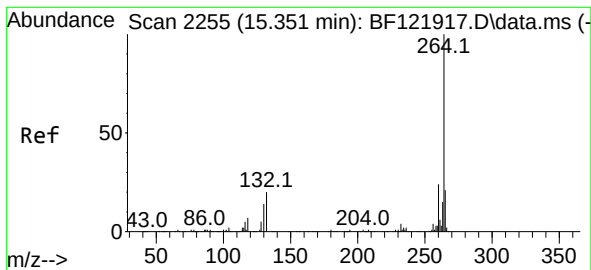
Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

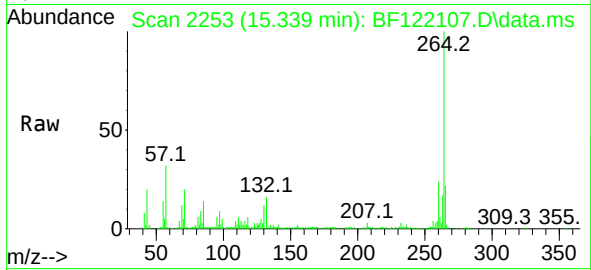
279 5.2 3.2 4.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.023 min
Lab File: BF122107.D
Acq: 23 Oct 2020 19:22

Instrument :
BNA_F
ClientSampleId :
1814



Tgt Ion:264	Resp: 241550
Ion Ratio	Lower Upper
264	100
260	24.2 18.7 28.1
265	21.8 17.3 25.9

