

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122125.D
 Acq On : 26 Oct 2020 20:12
 Operator : JU/CG
 Sample : L4486-08RE 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1814RE

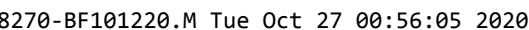
Quant Time: Oct 27 00:55:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

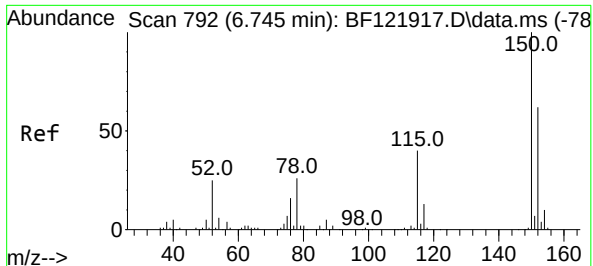
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	132223	20.00	ng	0.02
21) Naphthalene-d8	8.010	136	489093	20.00	ng	0.01
39) Acenaphthene-d10	9.757	164	227073	20.00	ng	# 0.00
64) Phenanthrene-d10	11.245	188	377425	20.00	ng	0.01
76) Chrysene-d12	13.886	240	278546	20.00	ng	0.00
86) Perylene-d12	15.315	264	285715	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	406	0.05	ng	0.24
7) Phenol-d6	6.428	99	1181	0.10	ng	0.06
23) Nitrobenzene-d5	7.304	82	45922	4.82	ng	0.02
42) 2,4,6-Tribromophenol	10.557	330	6933	2.47	ng	0.01
45) 2-Fluorobiphenyl	9.075	172	78515	5.09	ng	0.00
79) Terphenyl-d14	12.821	244	61904	4.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.292	77	623	Below Cal	#	1
15) Benzyl Alcohol	6.922	79	1134088	152.04	ng	95
17) 2-Methylphenol	6.922	107	584658	75.52	ng	# 9
18) Hexachloroethane	7.257	117	11482	3.11	ng	# 1
19) n-Nitroso-di-n-propyla...	7.145	70	44755	6.82	ng	# 72
20) 3+4-Methylphenols	7.104	107	37890	4.06	ng	# 24
22) Acetophenone	7.157	105	33021	2.62	ng	# 88
27) 2,4-Dimethylphenol	7.933	122	706136	88.24	ng	# 5
28) bis(2-Chloroethoxy)met...	7.775	93	28535	2.53	ng	# 94
31) Naphthalene	8.028	128	103019	3.93	ng	# 94
32) Benzoic acid	7.933	122	712297	138.48	ng	93
37) 2-Methylnaphthalene	8.716	142	164397	9.69	ng	97
38) 1-Methylnaphthalene	8.816	142	92012	5.86	ng	# 98
48) 2-Nitroaniline	9.333	65	22092	4.66	ng	# 32
54) 2,4-Dinitrophenol	9.822	184	114	8.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.398	198	374	4.57	ng	# 1
66) n-Nitrosodiphenylamine	10.416	169	36110	2.78	ng	# 57
70) Pentachlorophenol	11.074	266	1522	8.65	ng	# 24
80) Butylbenzylphthalate	13.163	149	319689	37.98	ng	# 50
84) Bis(2-ethylhexyl)phtha...	13.851	149	117955	10.32	ng	100

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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QLast Update : Mon Oct 26 17:27:32 2020
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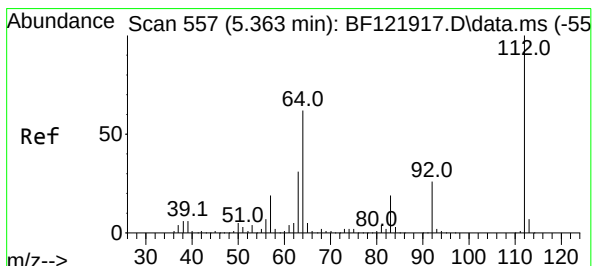
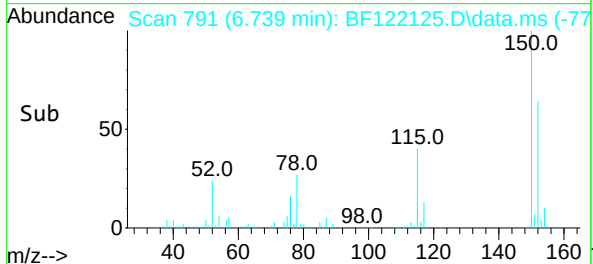
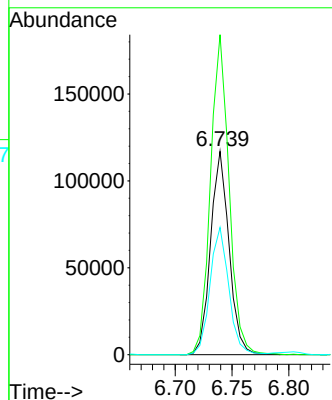
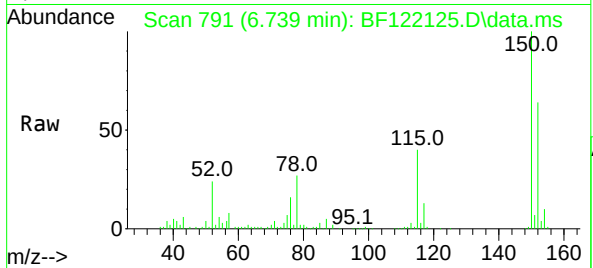




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.739 min Scan# 791
 Delta R.T. 0.023 min
 Lab File: BF122125.D
 Acq: 26 Oct 2020 20:12

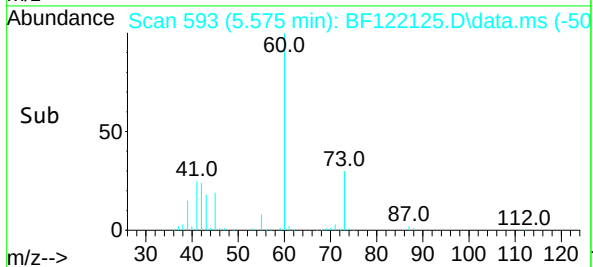
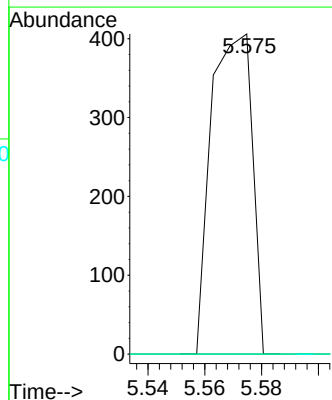
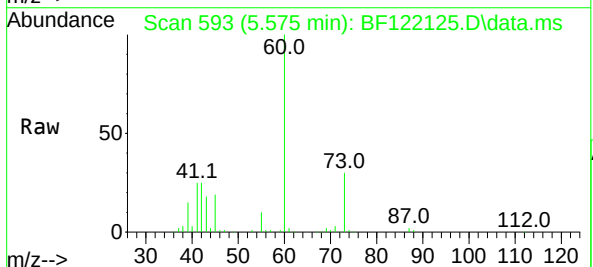
Instrument :
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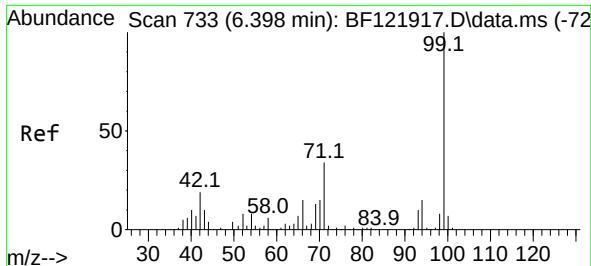
Tgt Ion:152 Resp: 132223
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.3 187.9
 115 62.6 51.9 77.9



#5
 2-Fluorophenol
 Concen: 0.05 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.241 min
 Lab File: BF122125.D
 Acq: 26 Oct 2020 20:12

Tgt Ion:112 Resp: 406
 Ion Ratio Lower Upper
 112 100
 64 0.0 50.4 75.6#
 63 0.0 25.8 38.6#

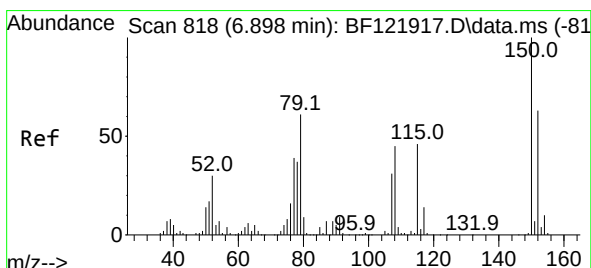
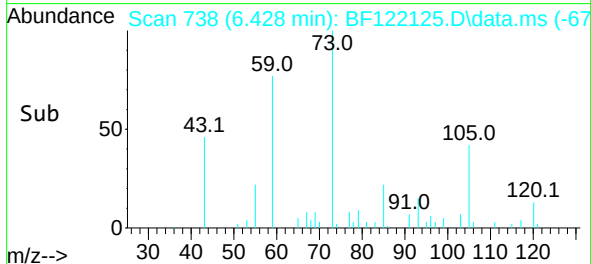
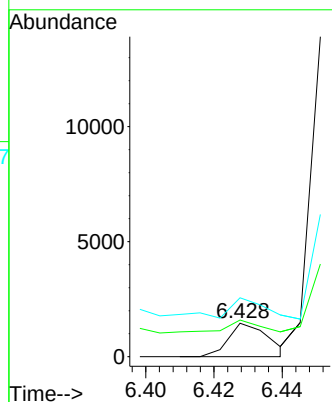
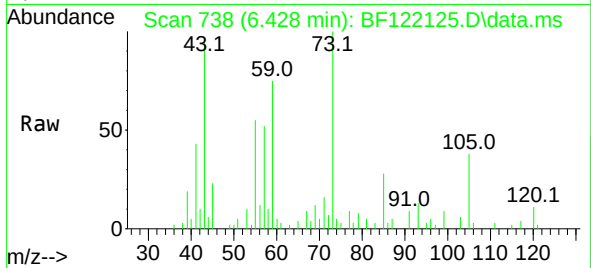




#7
Phenol-d6
Concen: 0.10 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.059 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

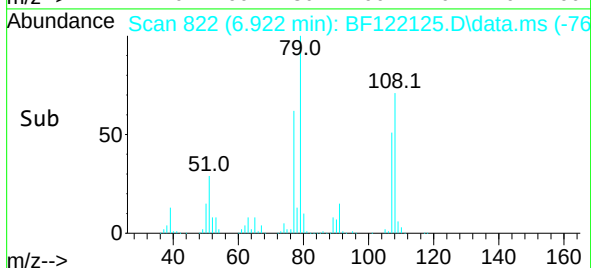
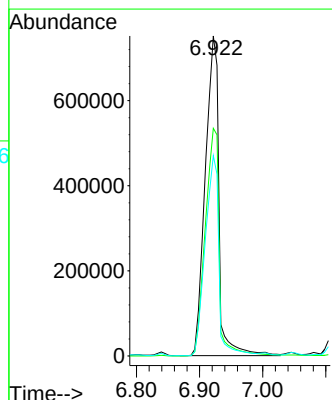
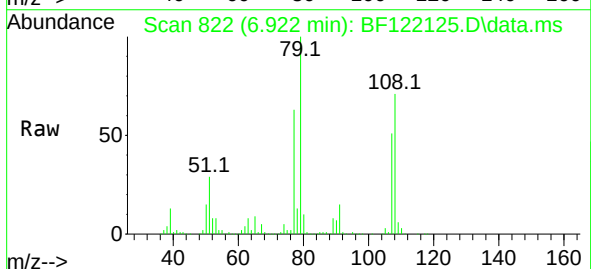
Instrument :
BNA_F
ClientSampleId :
1814RE

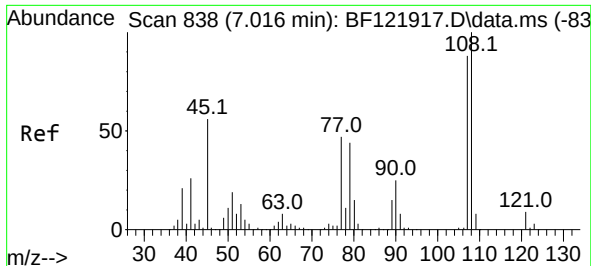
Tgt Ion: 99 Resp: 1181
Ion Ratio Lower Upper
99 100
42 109.8 15.9 23.9#
71 176.4 27.1 40.7#



#15
Benzyl Alcohol
Concen: 152.04 ng
RT: 6.922 min Scan# 822
Delta R.T. 0.053 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion: 79 Resp: 1134088
Ion Ratio Lower Upper
79 100
108 71.1 62.3 93.5
77 62.6 50.6 75.8

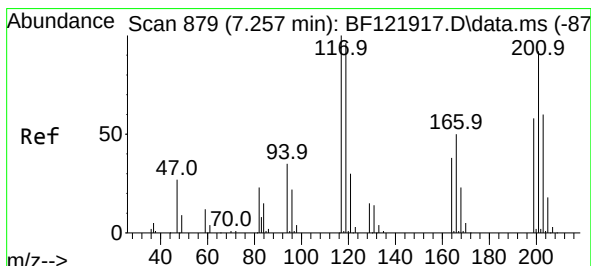
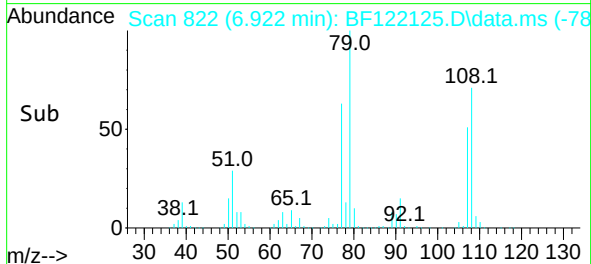
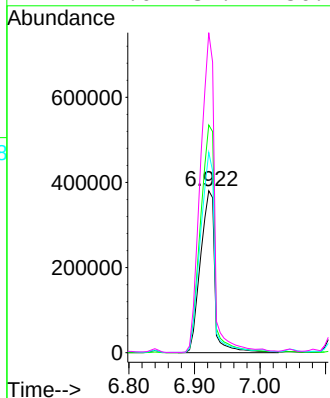
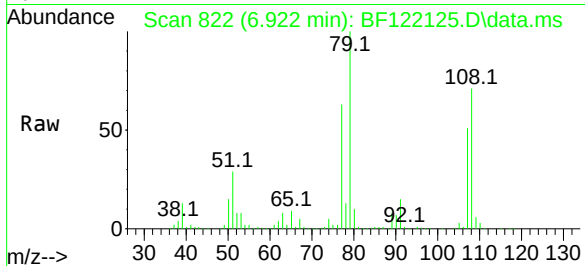




#17
2-Methylphenol
Concen: 75.52 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.065 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

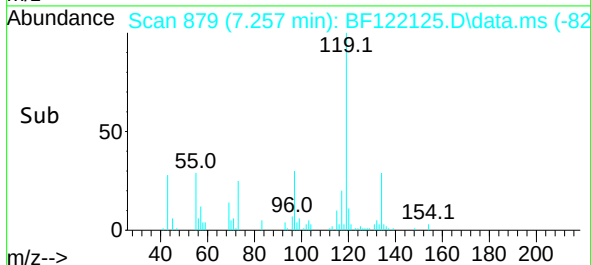
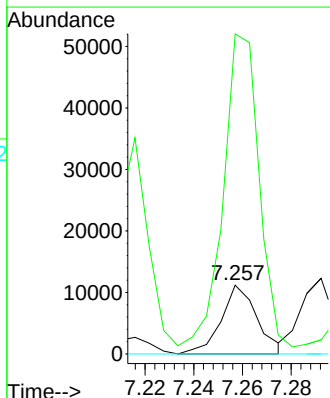
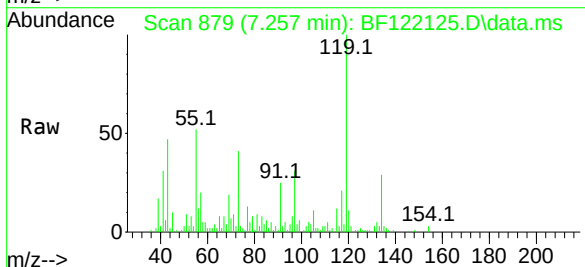
Instrument :
BNA_F
ClientSampleId :
1814RE

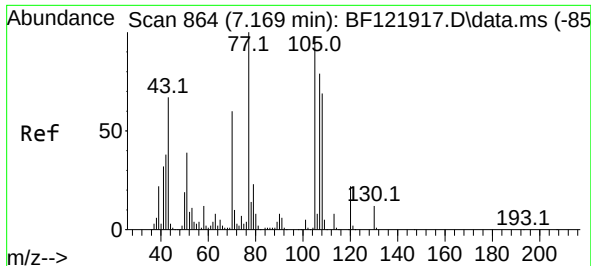
Tgt Ion	Ratio	Lower	Upper
107	100		
108	140.6	90.9	136.3#
77	123.7	37.5	56.3#
79	197.6	37.4	56.0#



#18
Hexachloroethane
Concen: 3.11 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.035 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

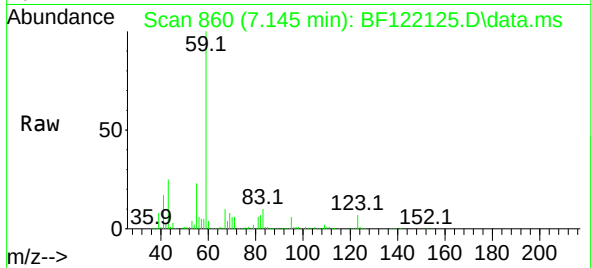
Tgt Ion	Ratio	Lower	Upper
117	100		
119	465.2	76.3	114.5#
201	0.0	71.8	107.6#



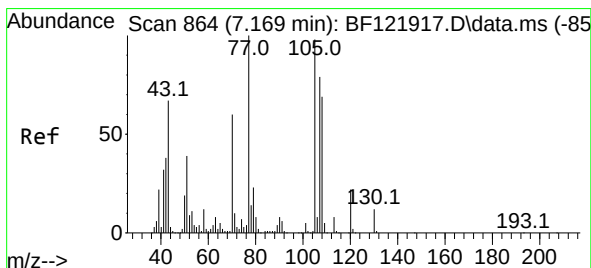
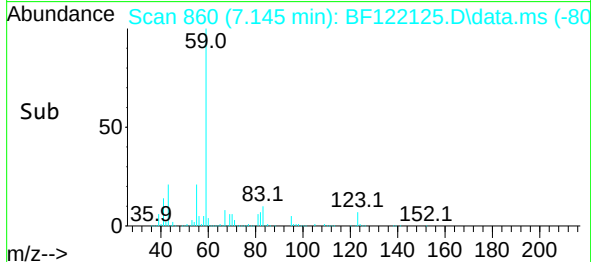
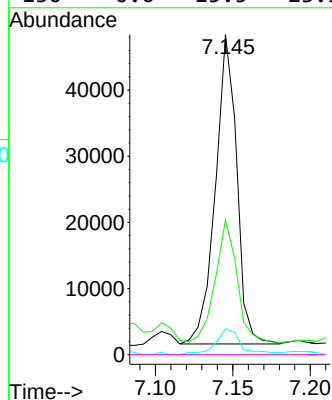


#19
n-Nitroso-di-n-propylamine
Concen: 6.82 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

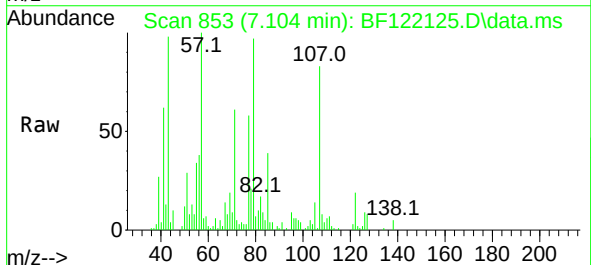
Instrument :
BNA_F
ClientSampleId :
1814RE



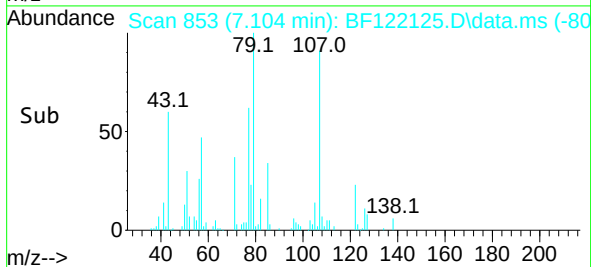
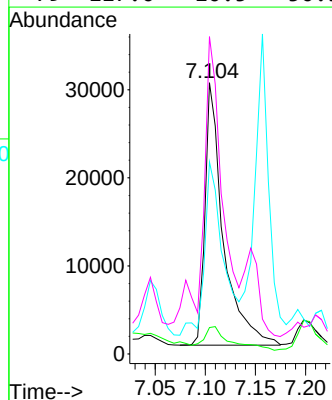
Tgt Ion: 70 Resp: 44755
Ion Ratio Lower Upper
70 100
42 42.1 50.2 75.4#
101 8.1 7.5 11.3
130 0.0 15.5 23.3#

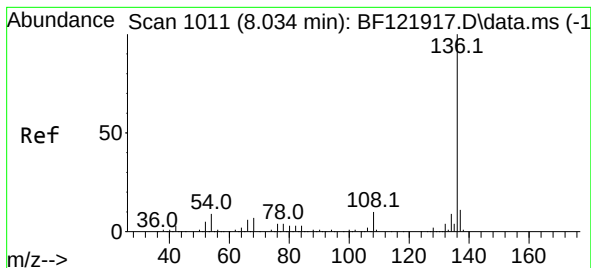


#20
3+4-Methylphenols
Concen: 4.06 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.041 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12



Tgt Ion: 107 Resp: 37890
Ion Ratio Lower Upper
107 100
108 9.8 68.9 108.9#
77 70.8 108.0 148.0#
79 117.0 10.5 50.5#

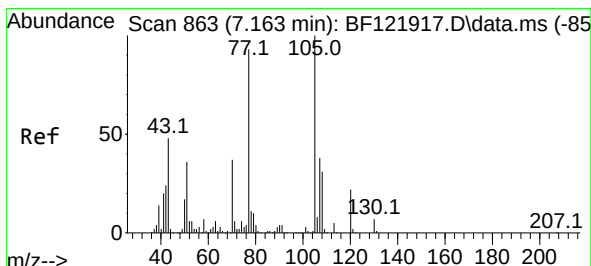
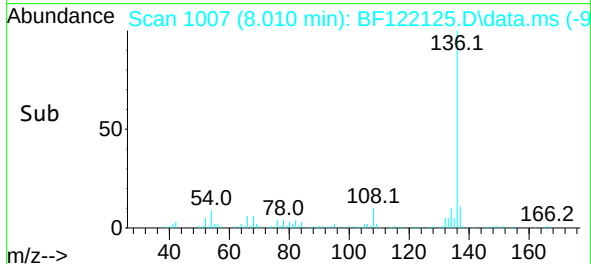
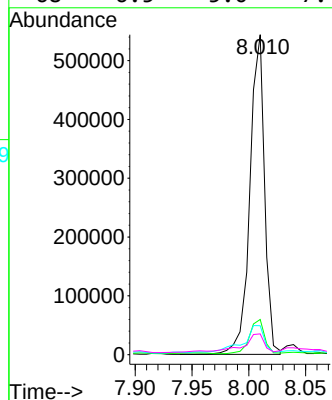
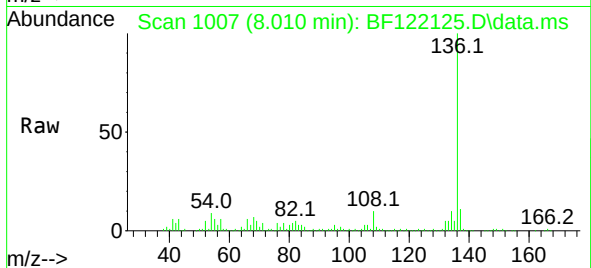




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.012 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

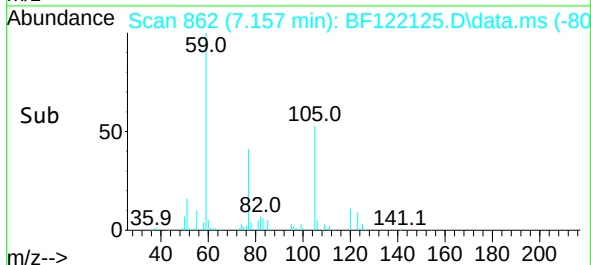
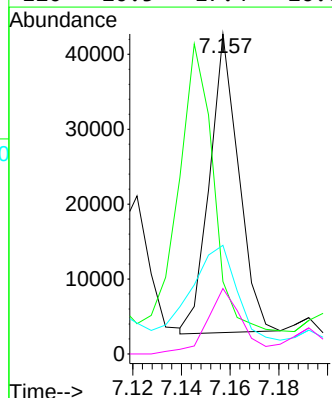
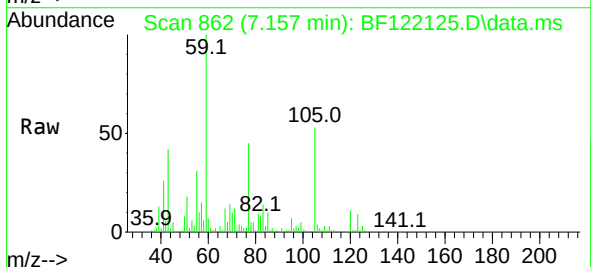
Instrument :
BNA_F
ClientSampleId :
1814RE

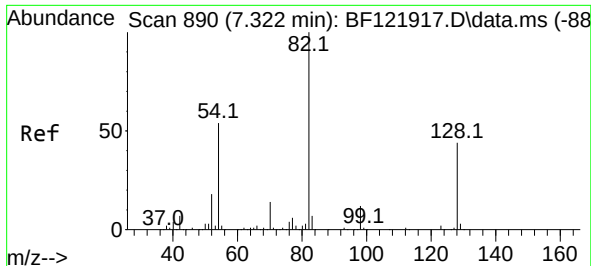
Tgt Ion:136 Resp: 489093
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.1 10.7
68 6.5 5.0 7.4



#22
Acetophenone
Concen: 2.62 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.023 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion:105 Resp: 33021
Ion Ratio Lower Upper
105 100
71 22.7 5.3 7.9#
51 33.9 33.2 49.8
120 20.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 4.82 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.017 min

Lab File: BF122125.D

Acq: 26 Oct 2020 20:12

Tgt Ion: 82 Resp: 45922

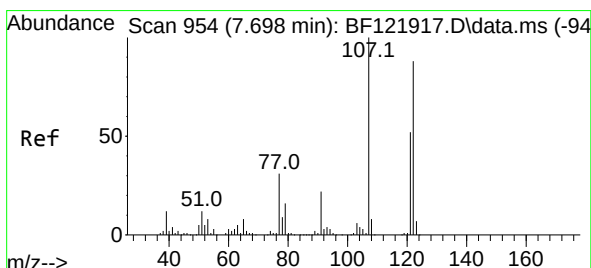
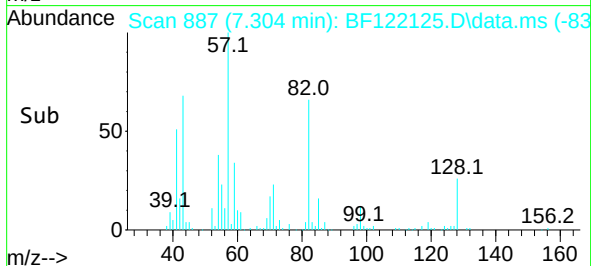
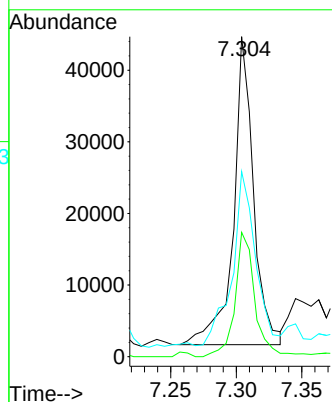
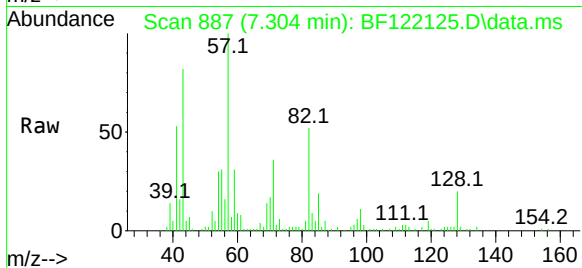
Ion	Ratio	Lower	Upper
82	100		
128	38.9	35.0	52.4
54	57.9	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

1814RE



#27

2,4-Dimethylphenol

Concen: 88.24 ng

RT: 7.933 min Scan# 994

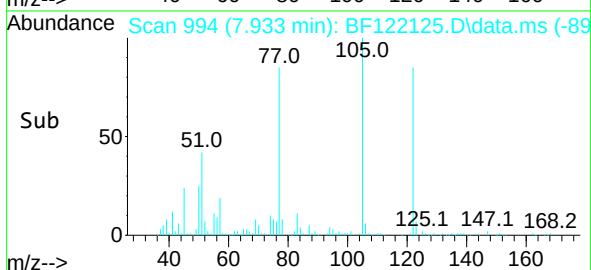
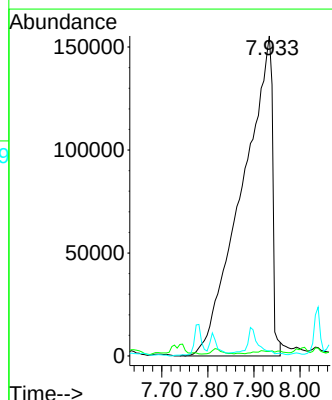
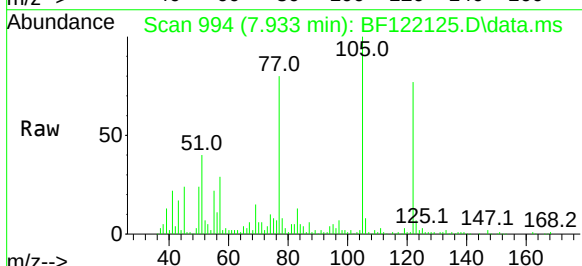
Delta R.T. 0.265 min

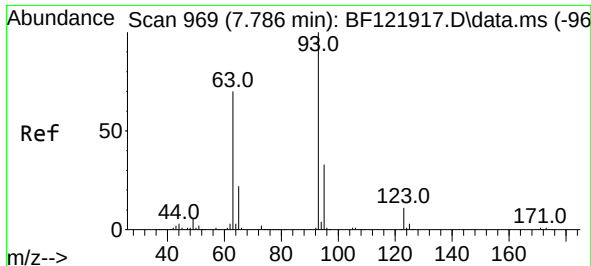
Lab File: BF122125.D

Acq: 26 Oct 2020 20:12

Tgt Ion: 122 Resp: 706136

Ion	Ratio	Lower	Upper
122	100		
107	1.4	90.8	136.2#
121	1.6	47.5	71.3#





#28

bis(2-Chloroethoxy)methane

Concen: 2.53 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.023 min

Lab File: BF122125.D

Acq: 26 Oct 2020 20:12

Tgt Ion: 93 Resp: 28535

Ion Ratio Lower Upper

93 100

95 35.7 26.2 39.4

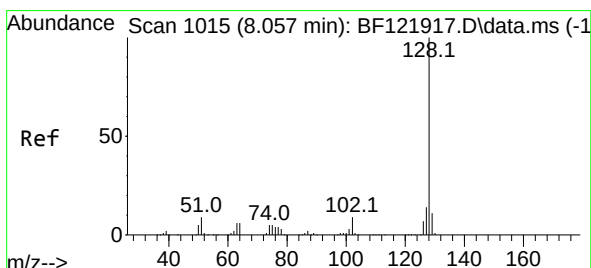
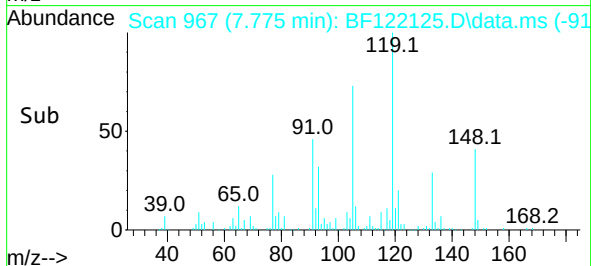
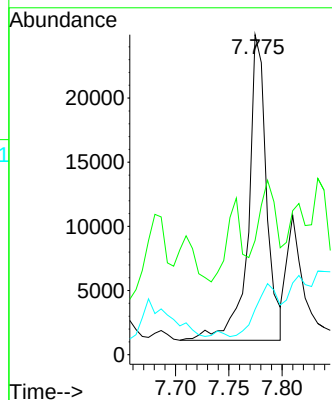
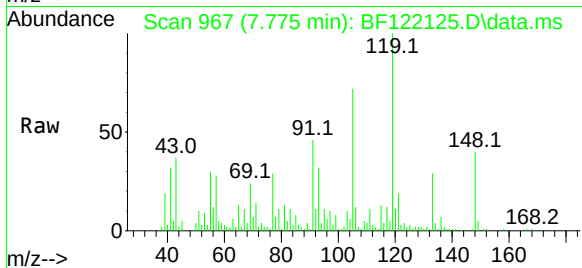
123 14.2 8.8 13.2#

Instrument :

BNA_F

ClientSampleId :

1814RE



#31

Naphthalene

Concen: 3.93 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF122125.D

Acq: 26 Oct 2020 20:12

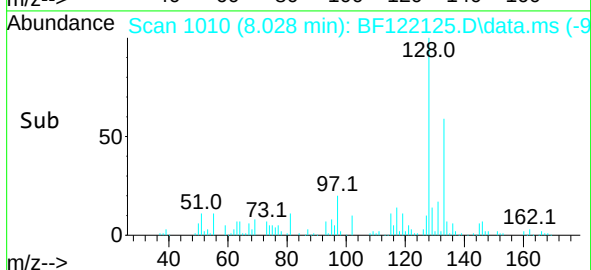
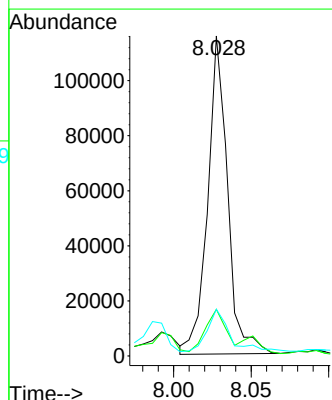
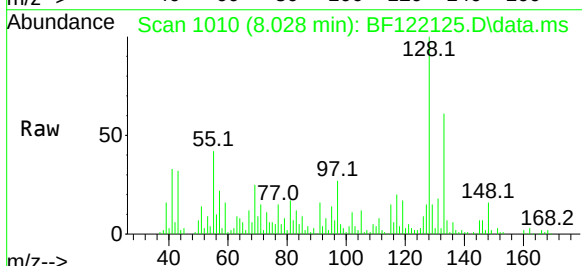
Tgt Ion:128 Resp: 103019

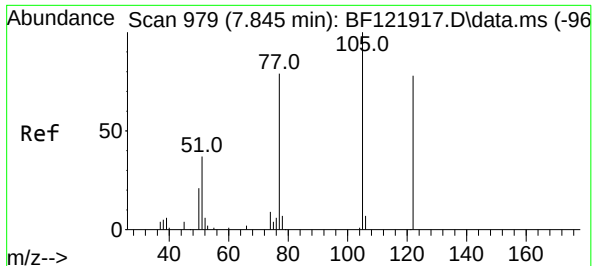
Ion Ratio Lower Upper

128 100

129 14.6 8.7 13.1#

127 14.6 10.8 16.2

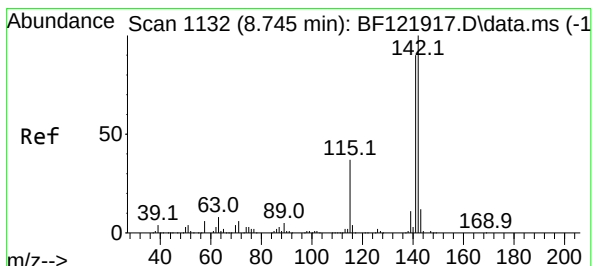
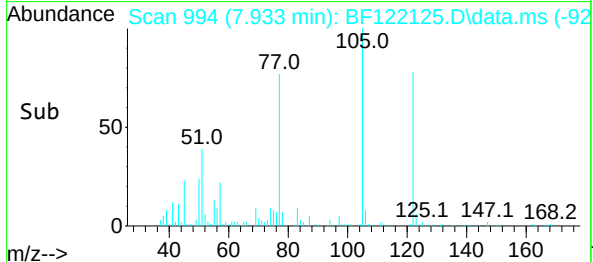
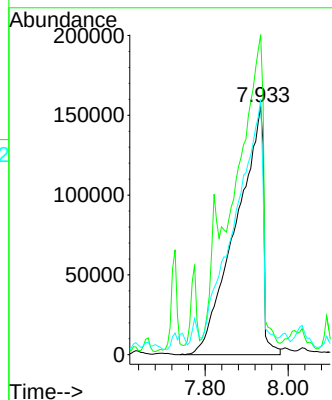
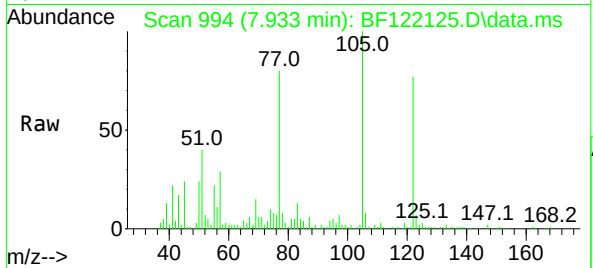




#32
Benzoic acid
Concen: 138.48 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.106 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

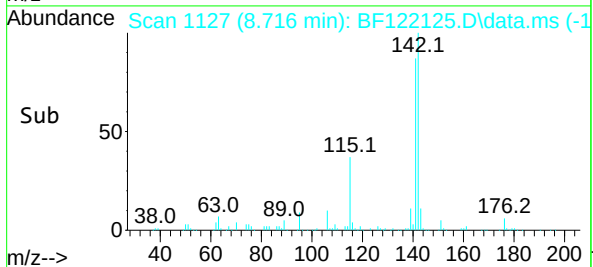
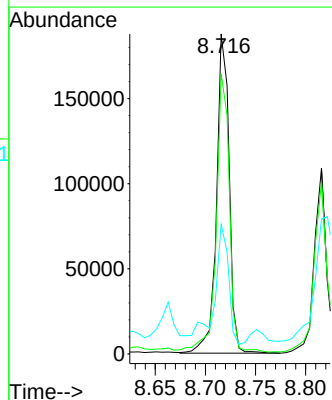
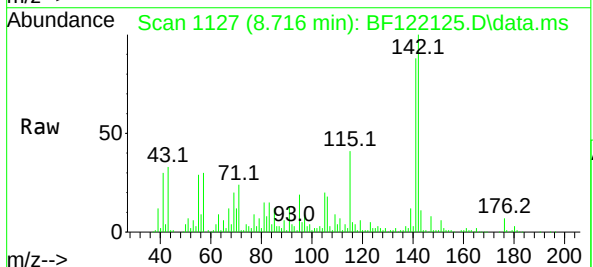
Instrument :
BNA_F
ClientSampleId :
1814RE

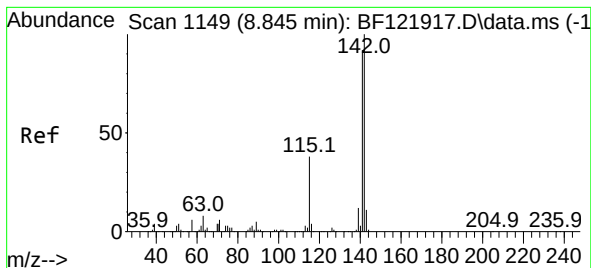
Tgt Ion:122 Resp: 712297
Ion Ratio Lower Upper
122 100
105 129.0 103.3 143.3
77 102.9 73.9 113.9



#37
2-Methylnaphthalene
Concen: 9.69 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion:142 Resp: 164397
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.4
115 40.6 28.6 43.0

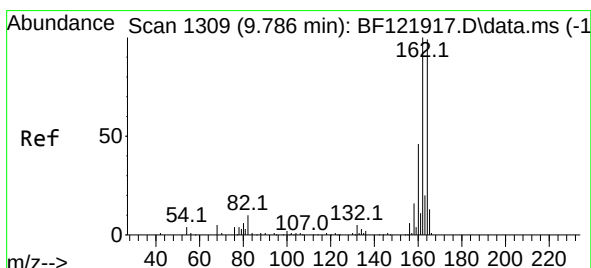
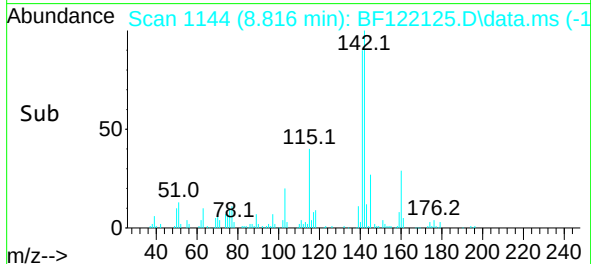
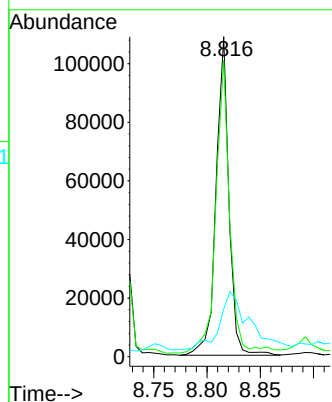
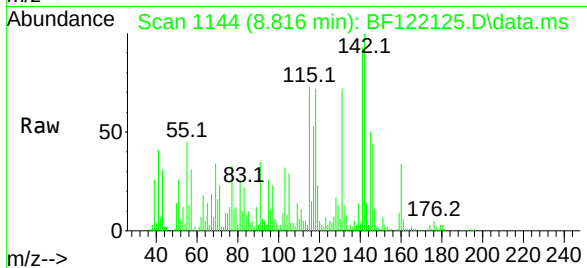




#38
1-Methylnaphthalene
Concen: 5.86 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

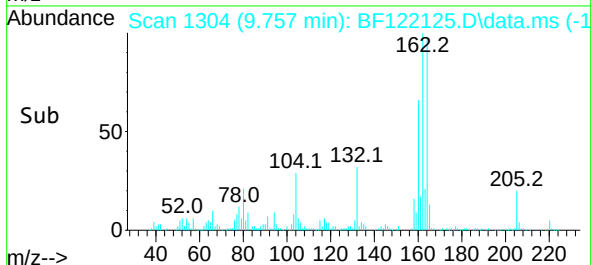
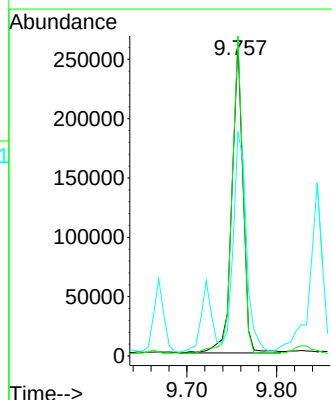
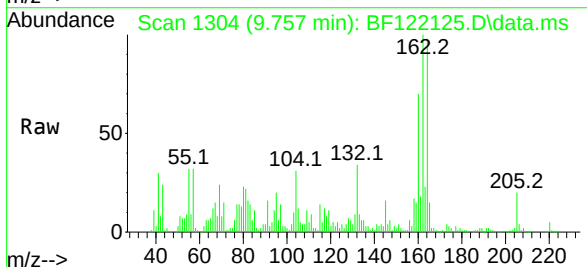
Instrument :
BNA_F
ClientSampleId :
1814RE

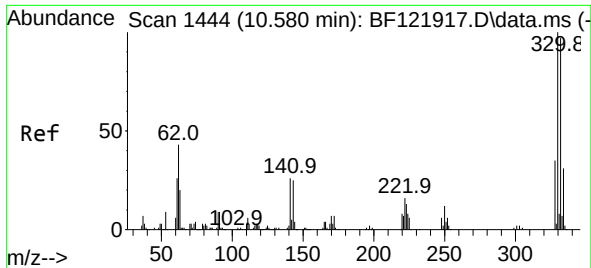
Tgt Ion:142 Resp: 92012
Ion Ratio Lower Upper
142 100
141 92.5 74.5 111.7
116 14.9 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion:164 Resp: 227073
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 71.2 37.5 56.3#

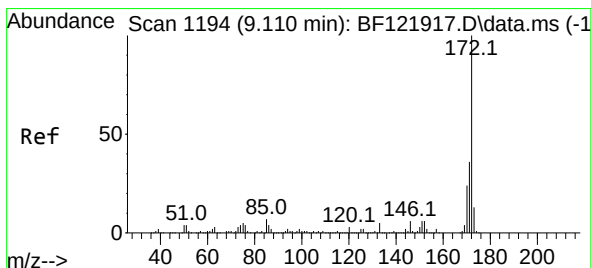
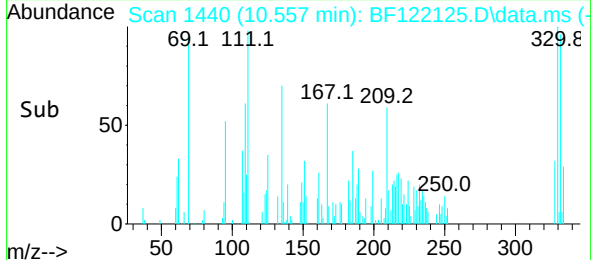
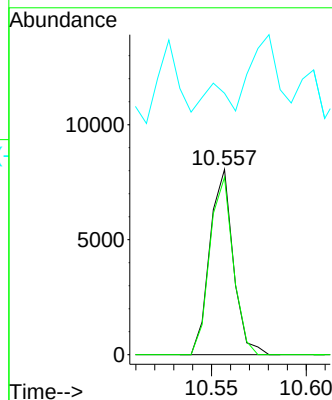
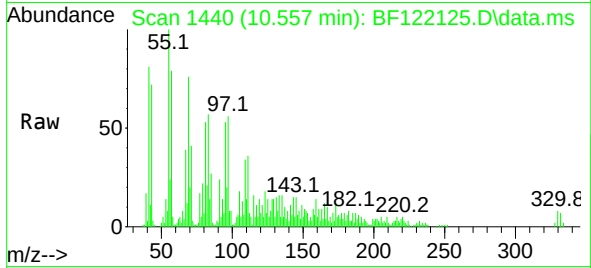




#42
2,4,6-Tribromophenol
Concen: 2.47 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

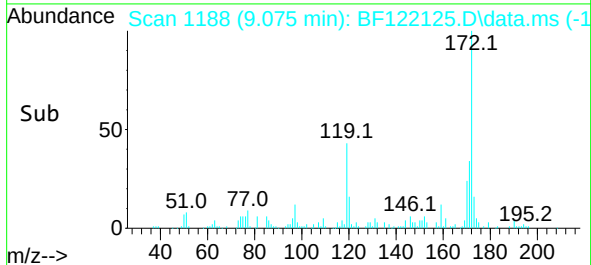
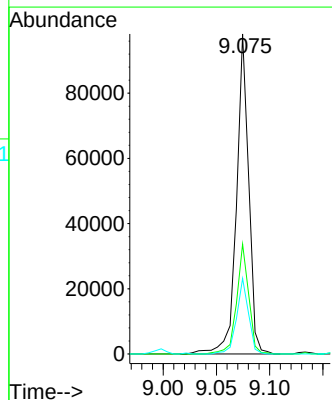
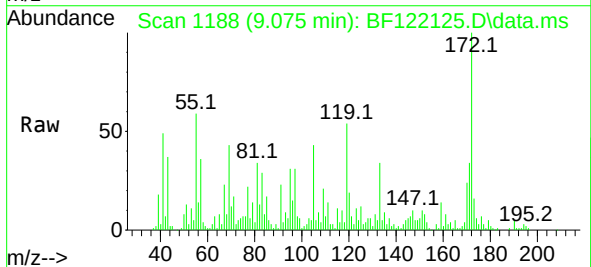
Instrument :
BNA_F
ClientSampleId :
1814RE

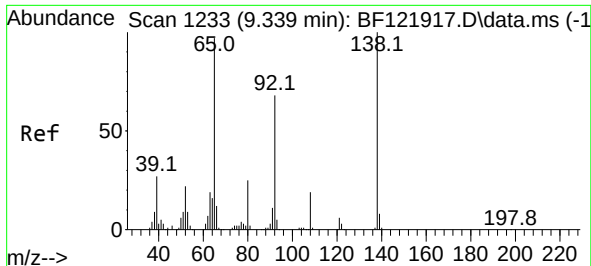
Tgt Ion: 330 Resp: 6933
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 18.2 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 5.09 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion: 172 Resp: 78515
Ion Ratio Lower Upper
172 100
171 34.4 29.1 43.7
170 23.6 19.8 29.6

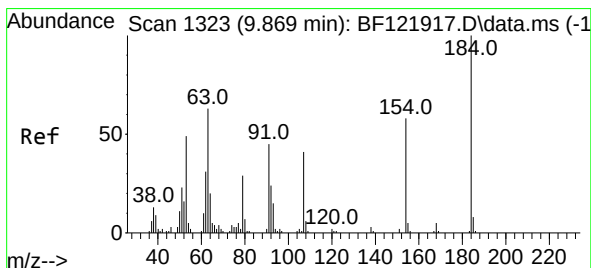
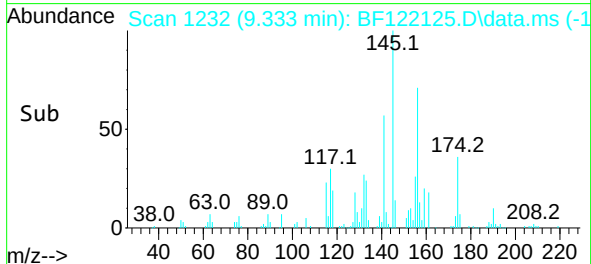
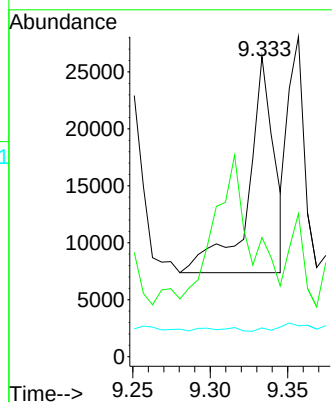
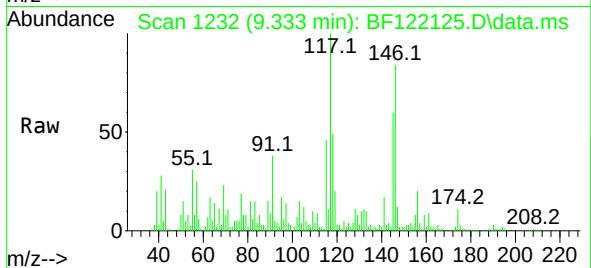




#48
2-Nitroaniline
Concen: 4.66 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.023 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

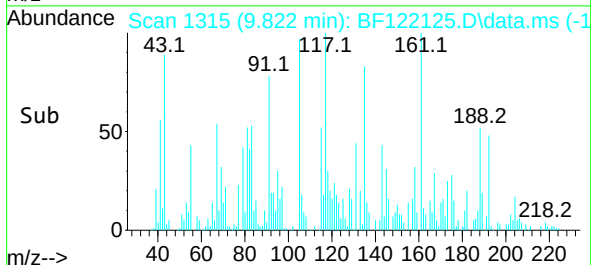
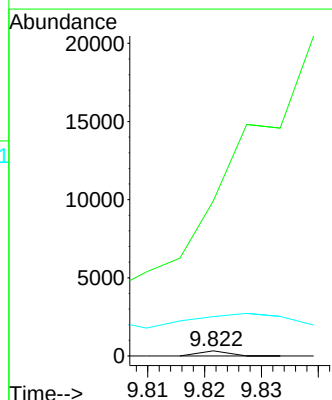
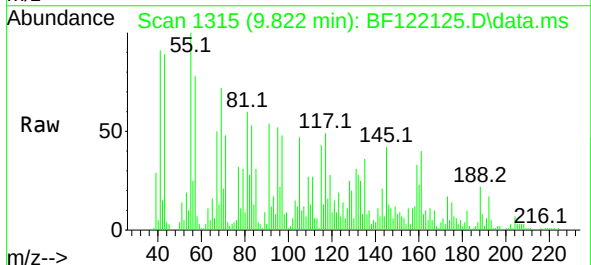
Instrument :
BNA_F
ClientSampleId :
1814RE

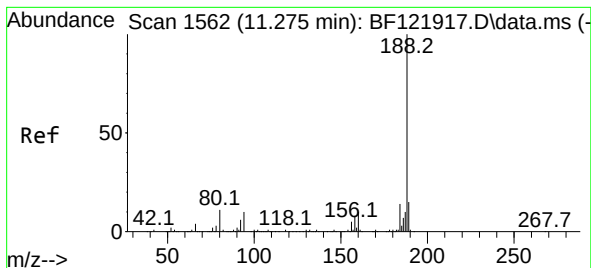
Tgt Ion: 65 Resp: 22092
Ion Ratio Lower Upper
65 100
92 39.7 55.1 82.7#
138 9.6 80.5 120.7#



#54
2,4-Dinitrophenol
Concen: 8.74 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.024 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion: 184 Resp: 114
Ion Ratio Lower Upper
184 100
63 3070.0 45.9 68.9#
154 780.8 45.8 68.6#

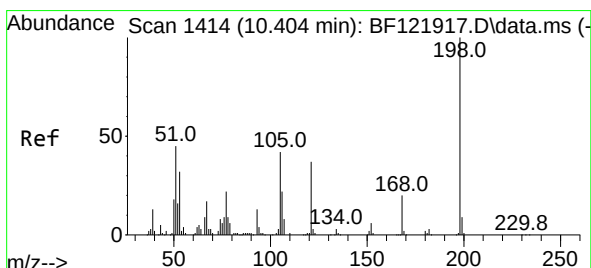
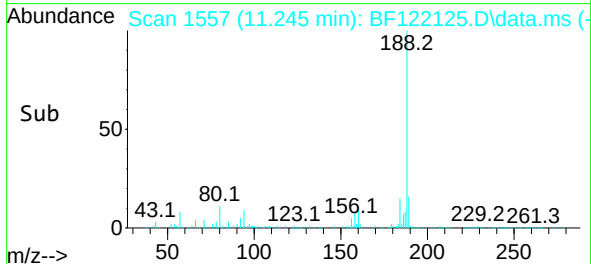
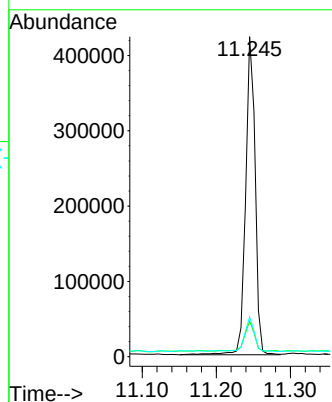
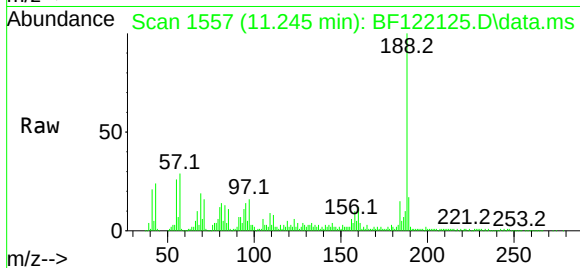




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

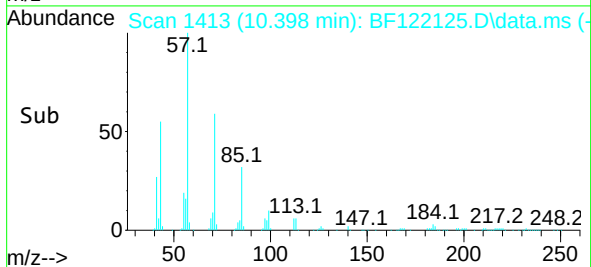
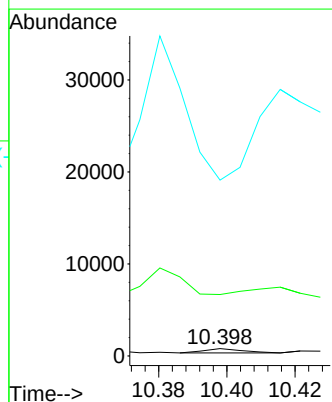
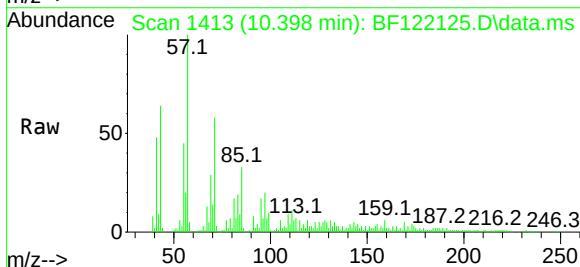
Instrument :
BNA_F
ClientSampleId :
1814RE

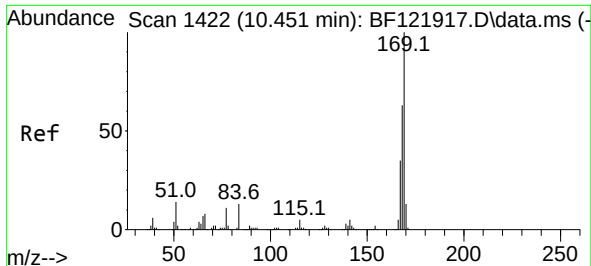
Tgt Ion:188 Resp: 377425
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 12.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.57 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.023 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion:198 Resp: 374
Ion Ratio Lower Upper
198 100
51 841.2 29.6 69.6#
105 2409.1 24.4 64.4#

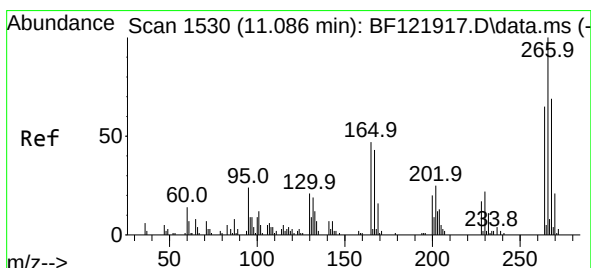
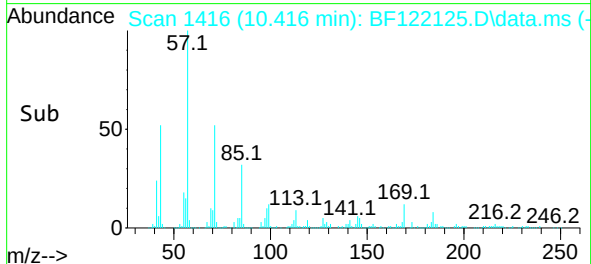
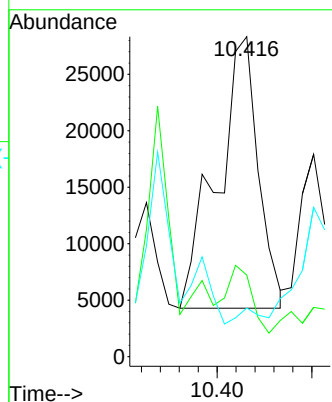
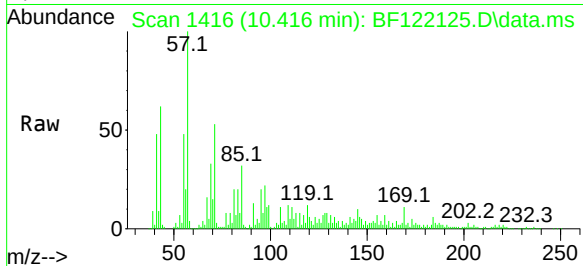




#66
n-Nitrosodiphenylamine
Concen: 2.78 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

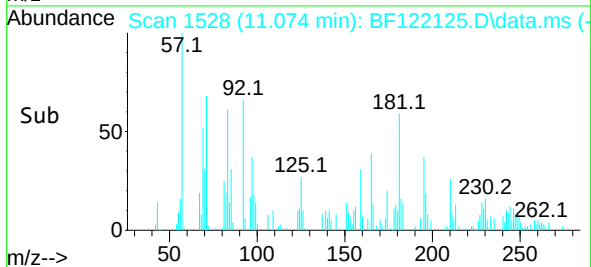
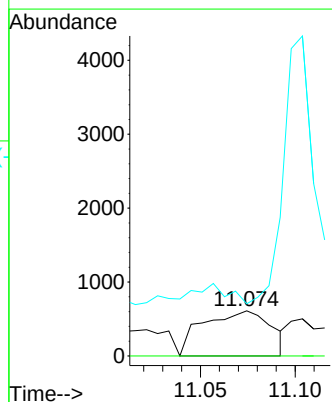
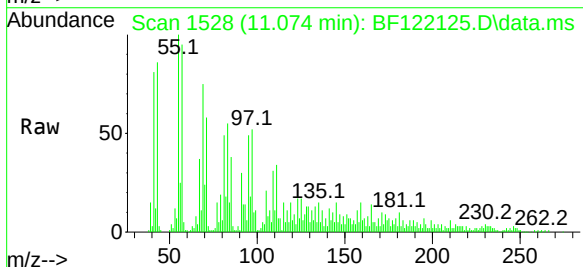
Instrument :
BNA_F
ClientSampleId :
1814RE

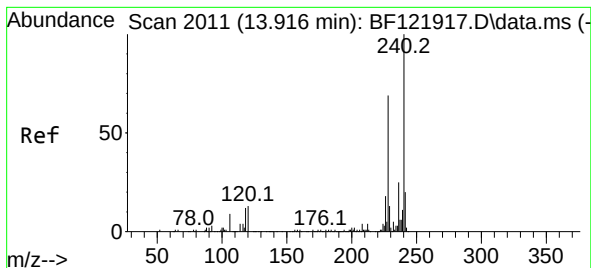
Tgt Ion:169 Resp: 36110
Ion Ratio Lower Upper
169 100
168 25.5 50.0 75.0#
167 15.2 27.8 41.6#



#70
Pentachlorophenol
Concen: 8.65 ng
RT: 11.074 min Scan# 1528
Delta R.T. 0.017 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion:266 Resp: 1522
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 115.5 49.9 74.9#

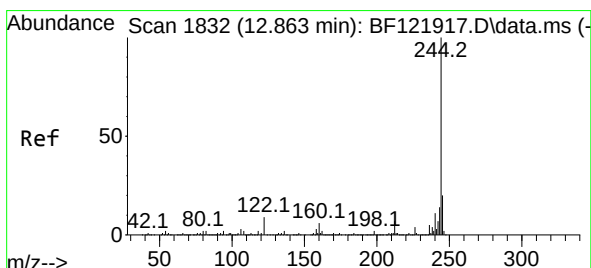
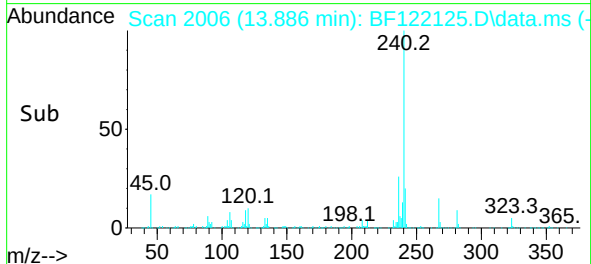
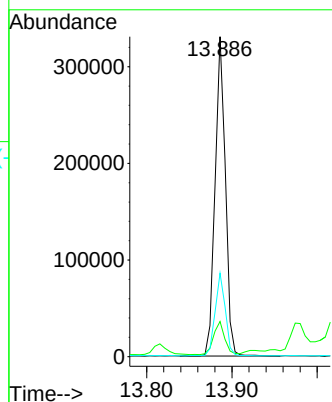
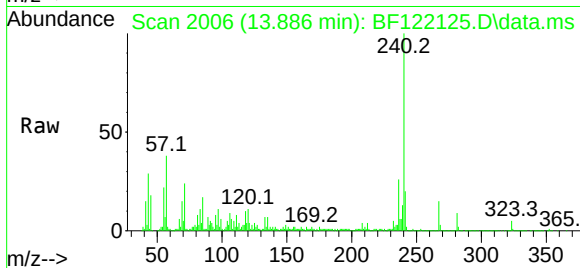




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

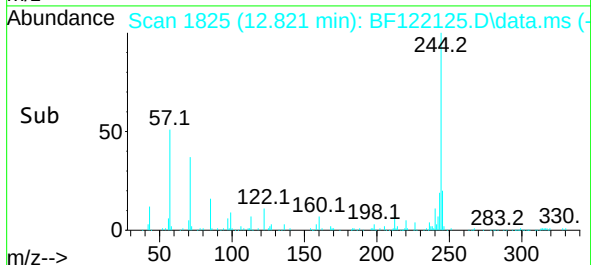
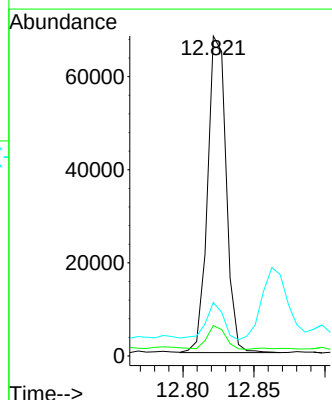
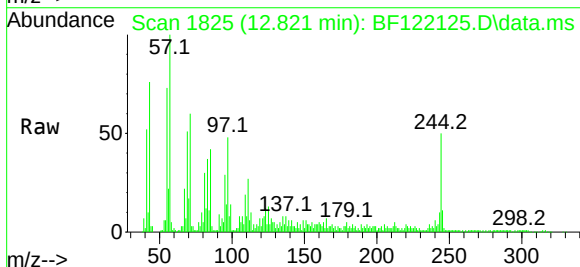
Instrument :
BNA_F
ClientSampleId :
1814RE

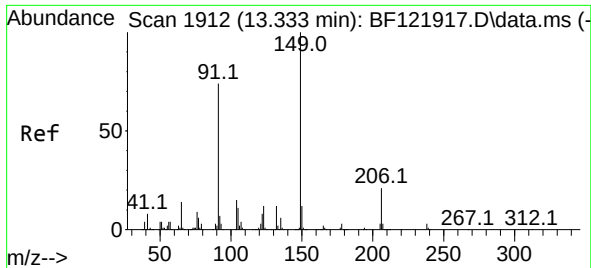
Tgt Ion:240 Resp: 278546
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 4.24 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

Tgt Ion:244 Resp: 61904
Ion Ratio Lower Upper
244 100
212 9.5 5.4 8.2#
122 16.7 8.1 12.1#

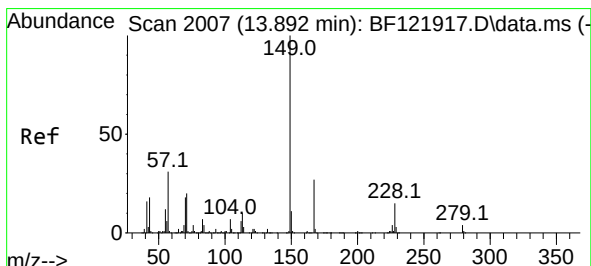
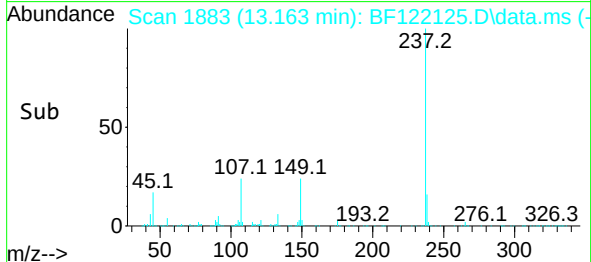
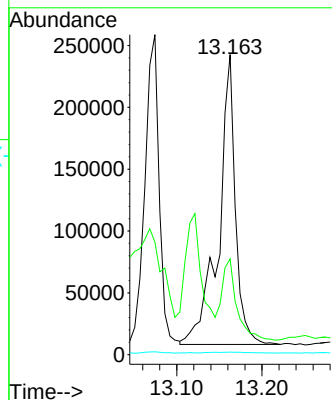
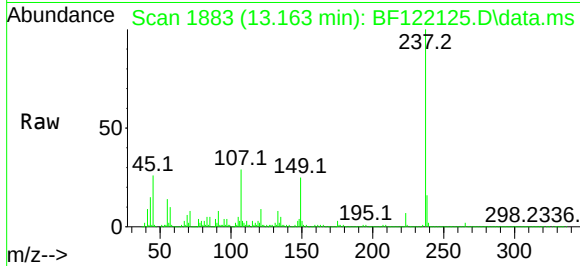




#80
Butylbenzylphthalate
Concen: 37.98 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.130 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

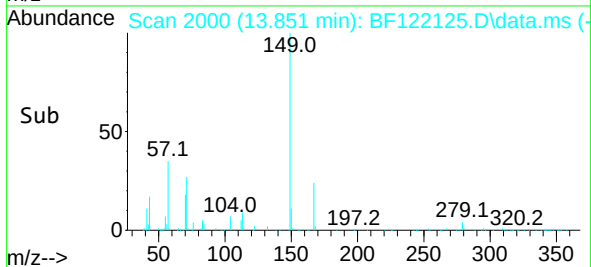
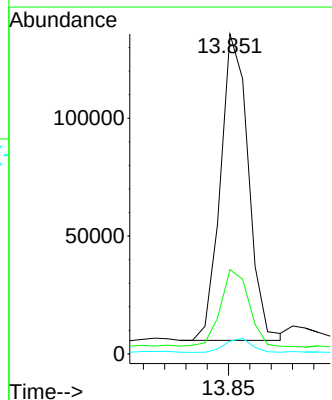
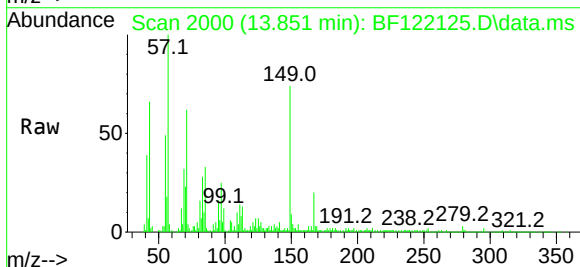
Instrument :
BNA_F
ClientSampleId :
1814RE

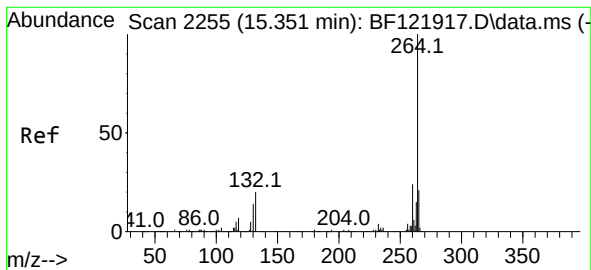
Tgt Ion:149 Resp: 319689
Ion Ratio Lower Upper
149 100
91 31.9 61.0 91.4#
206 0.8 16.7 25.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.32 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BF122125.D
Acq: 26 Oct 2020 20:12

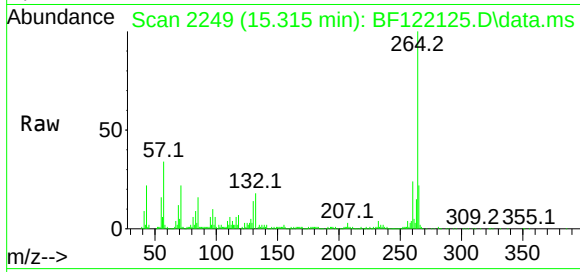
Tgt Ion:149 Resp: 117955
Ion Ratio Lower Upper
149 100
167 26.3 20.9 31.3
279 4.0 3.2 4.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122125.D
 Acq: 26 Oct 2020 20:12

Instrument :
 BNA_F
 ClientSampleId :
 1814RE



Tgt Ion:264 Resp: 285715
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.6 17.3 25.9

