

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
 Data File : BF122510.D
 Acq On : 30 Nov 2020 16:55
 Operator : JU/CG
 Sample : L4897-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 88-CHOPIN

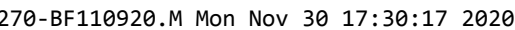
Quant Time: Nov 30 17:30:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

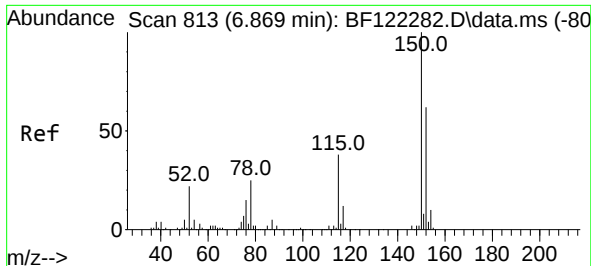
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	166431	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	654214	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	149571	20.00	ng	0.02
64) Phenanthrene-d10	11.439	188	232446	20.00	ng	# 0.05
76) Chrysene-d12	14.057	240	423080	20.00	ng	0.02
86) Perylene-d12	15.504	264	556891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	137302	12.67	ng	-0.02
7) Phenol-d6	6.481	99	170183	12.00	ng	-0.02
23) Nitrobenzene-d5	7.410	82	100728	9.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	22908	14.27	ng	0.04
45) 2-Fluorobiphenyl	9.222	172	201407	21.04	ng	0.00
79) Terphenyl-d14	13.021	244	125361	6.28	ng	0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.416	77	659	Below Cal	#	1
26) 2-Nitrophenol	7.763	139	497	6.90	ng	# 1
32) Benzoic acid	7.933	122	763	8.06	ng	# 1
46) 1,1'-Biphenyl	9.327	154	33079	2.78	ng	# 71
48) 2-Nitroaniline	9.386	65	12758	9.21	ng	# 70
49) Acenaphthylene	9.792	152	31054	2.14	ng	# 1
50) Dimethylphthalate	9.633	163	57992	5.45	ng	# 12
51) 2,6-Dinitrotoluene	9.692	165	73364	32.36	ng	# 27
53) 3-Nitroaniline	9.880	138	21167	10.83	ng	# 27
54) 2,4-Dinitrophenol	9.969	184	1929	10.15	ng	# 1
56) 4-Nitrophenol	10.027	139	3796	6.93	ng	# 1
57) 2,4-Dinitrotoluene	10.098	165	12266	8.43	ng	# 33
61) 4-Chlorophenyl-phenyle...	10.492	204	22831	4.80	ng	# 1
62) 4-Nitroaniline	10.545	138	7970	6.19	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.545	198	1508	8.04	ng	# 1
66) n-Nitrosodiphenylamine	10.604	169	35909	4.53	ng	# 67
69) Atrazine	11.163	200	24848	12.60	ng	# 1
71) Phenanthrene	11.463	178	41460	3.14	ng	# 1
74) Di-n-butylphthalate	11.998	149	65302	4.95	ng	# 34
80) Butylbenzylphthalate	13.598	149	5625	3.73	ng	# 64

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

Quant Time: Nov 30 17:30:06 2020
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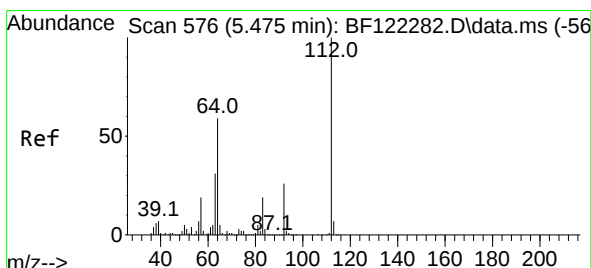
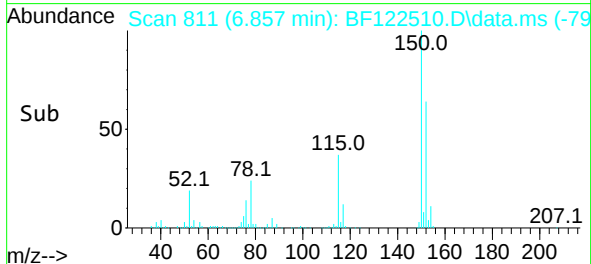
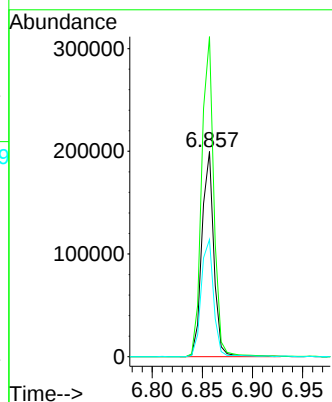
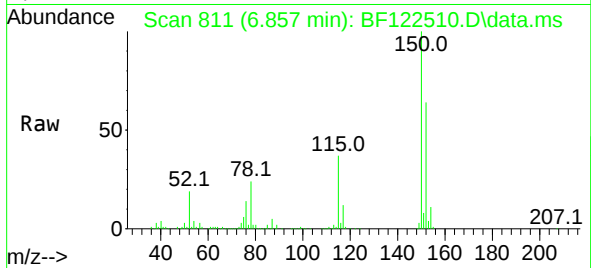




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

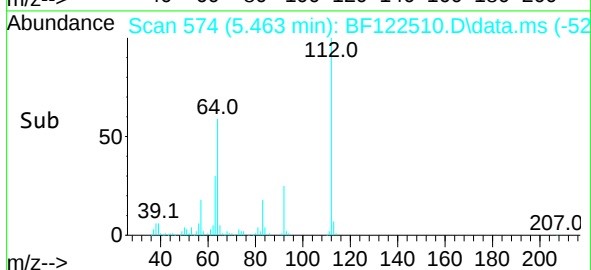
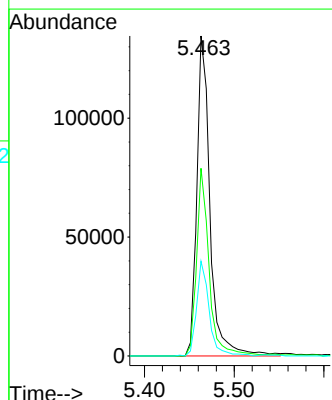
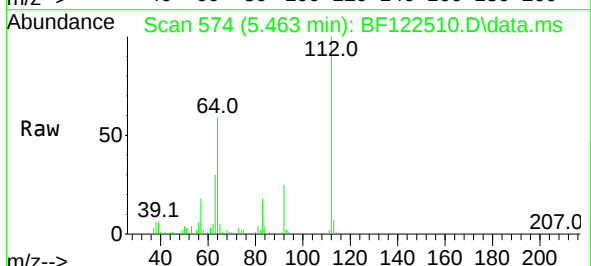
Instrument :
BNA_F
ClientSampleId :
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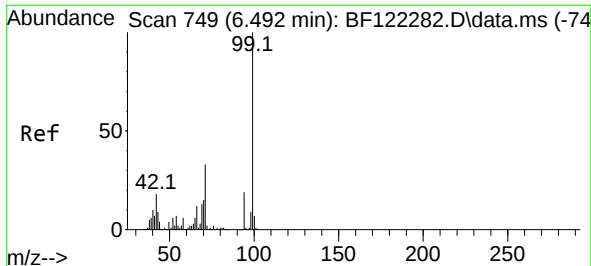
Tgt Ion:152 Resp: 166431
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 57.1 51.9 77.9



#5
2-Fluorophenol
Concen: 12.67 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.018 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:112 Resp: 137302
Ion Ratio Lower Upper
112 100
64 58.7 50.4 75.6
63 29.6 25.8 38.6

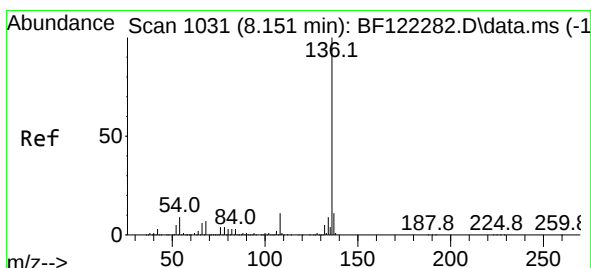
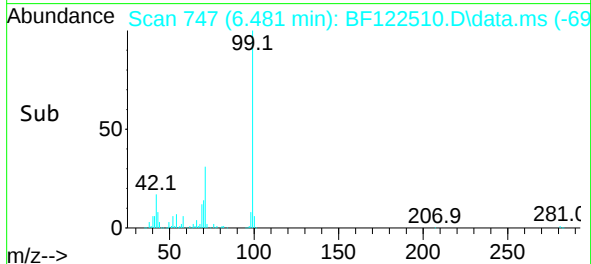
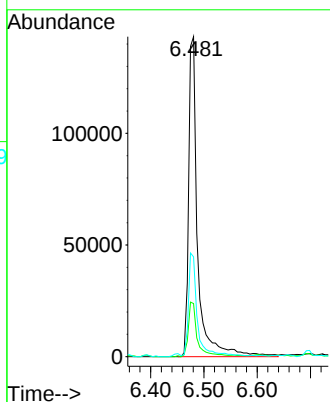
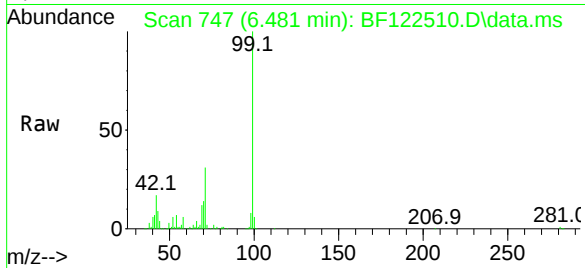




#7
Phenol-d6
Concen: 12.00 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

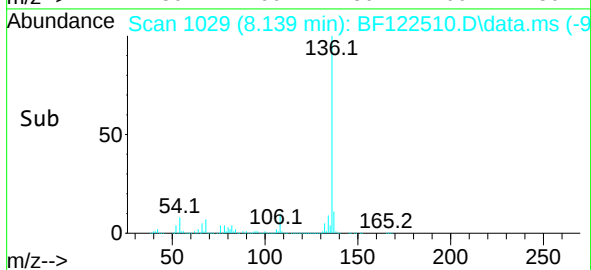
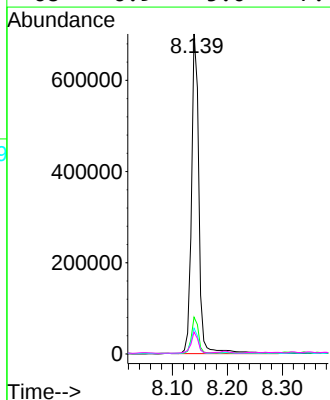
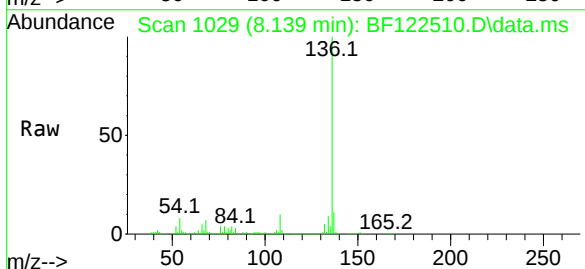
Instrument :
BNA_F
ClientSampleId :
88-CHOPIN

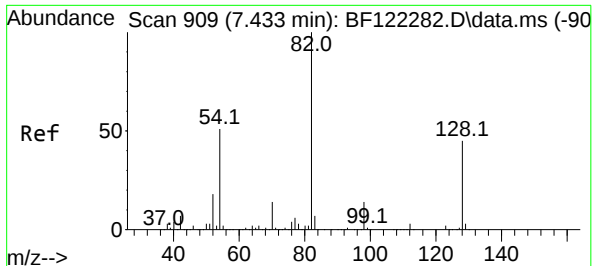
Tgt Ion: 99 Resp: 170183
Ion Ratio Lower Upper
99 100
42 16.6 15.9 23.9
71 31.2 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion: 136 Resp: 654214
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.0 7.1 10.7
68 6.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 9.43 ng

RT: 7.410 min Scan# 905

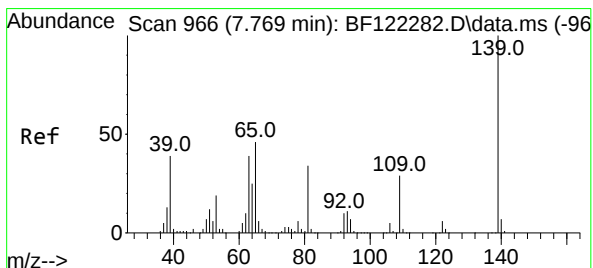
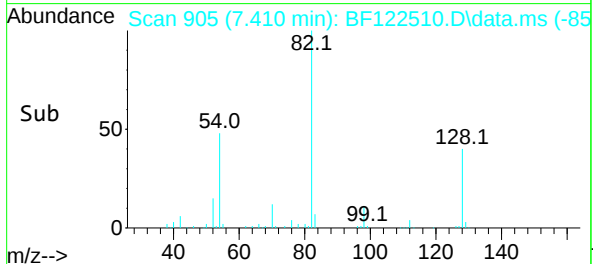
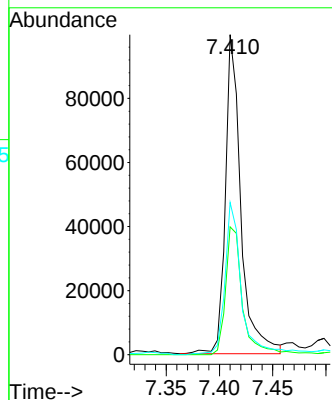
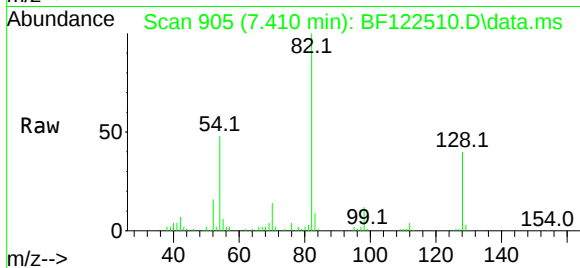
Delta R.T. -0.018 min

Lab File: BF122510.D

Acq: 30 Nov 2020 16:55

Tgt Ion: 82 Resp: 100728

Ion	Ratio	Lower	Upper
82	100		
128	39.9	35.0	52.4
54	47.6	43.9	65.9



#26

2-Nitrophenol

Concen: 6.90 ng

RT: 7.763 min Scan# 965

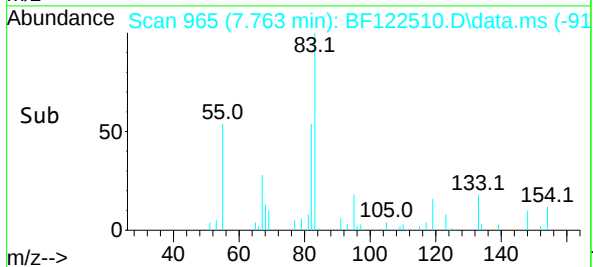
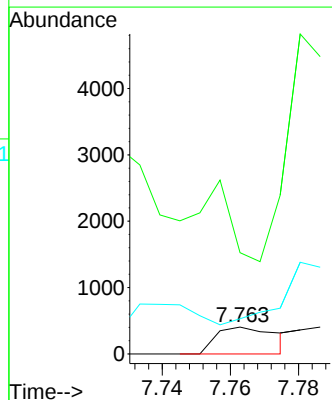
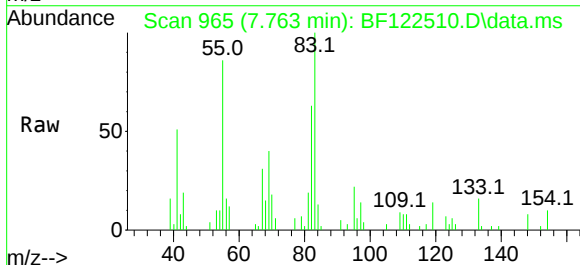
Delta R.T. 0.006 min

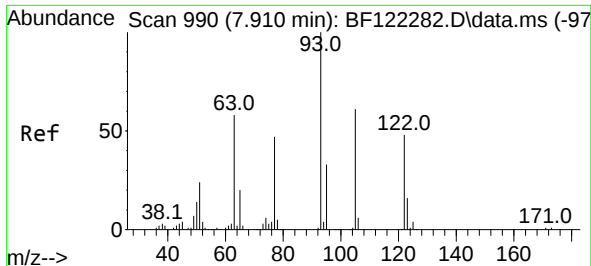
Lab File: BF122510.D

Acq: 30 Nov 2020 16:55

Tgt Ion: 139 Resp: 497

Ion	Ratio	Lower	Upper
139	100		
109	375.6	23.0	34.4#
65	130.8	39.9	59.9#

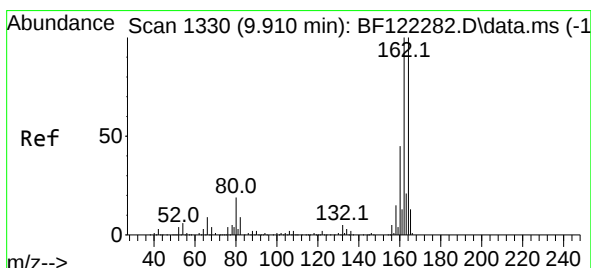
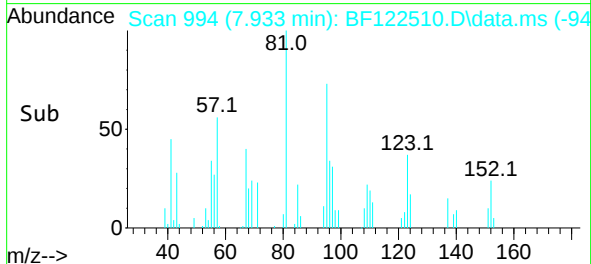
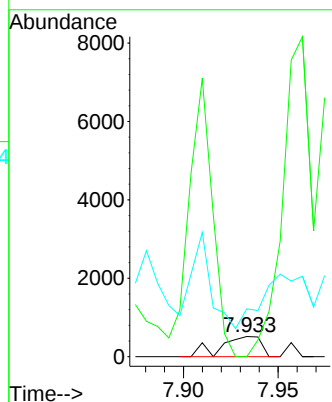
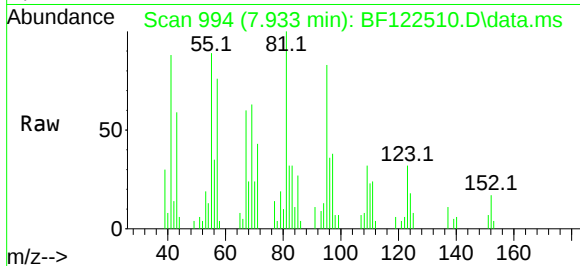




#32
Benzoic acid
Concen: 8.06 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

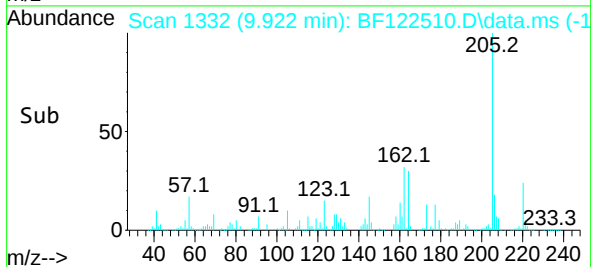
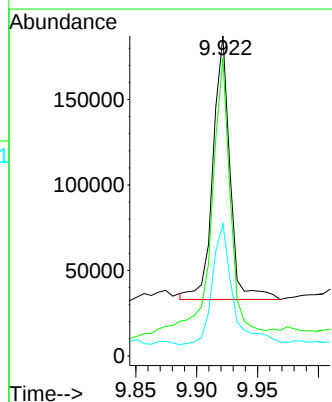
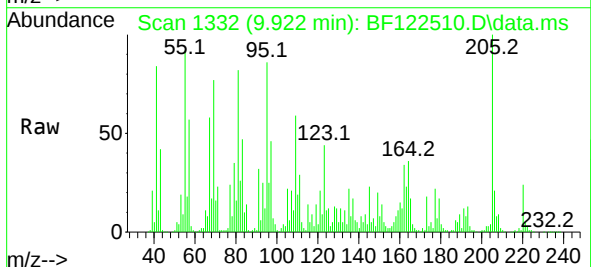
Instrument :
BNA_F
ClientSampleId :
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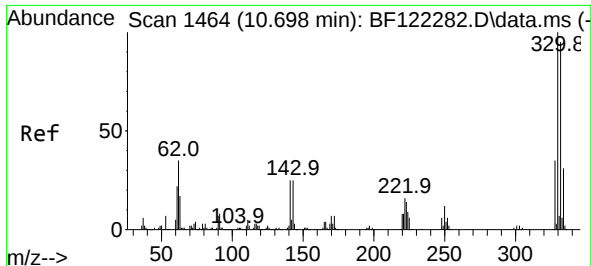
Tgt Ion:122 Resp: 763
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 237.5 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.017 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:164 Resp: 149571
Ion Ratio Lower Upper
164 100
162 93.1 83.2 124.8
160 41.4 37.5 56.3

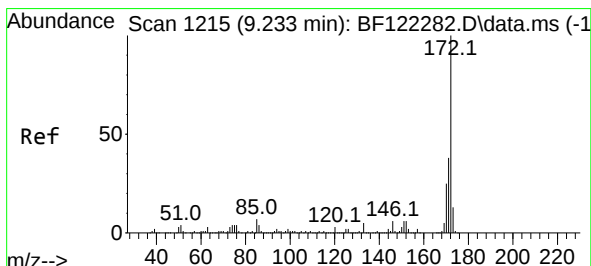
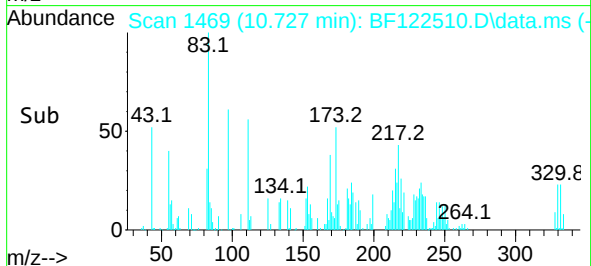
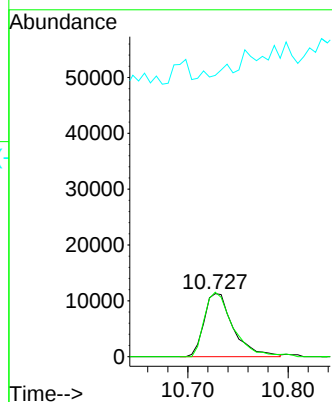
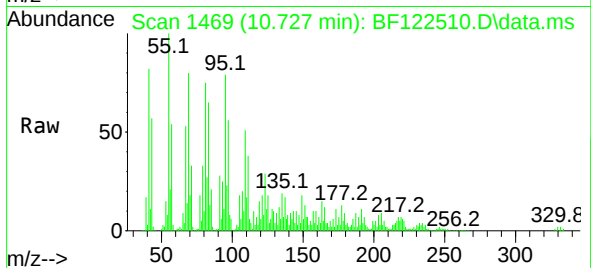




#42
2,4,6-Tribromophenol
Concen: 14.27 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.035 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

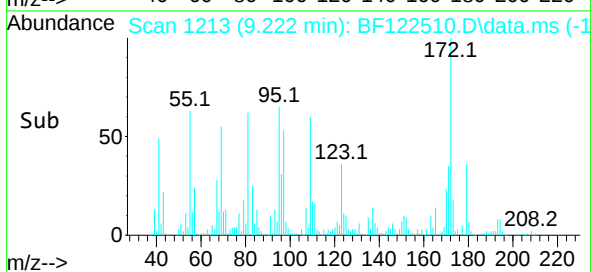
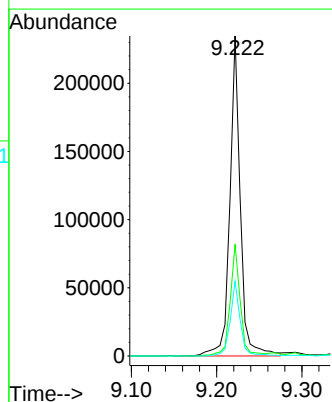
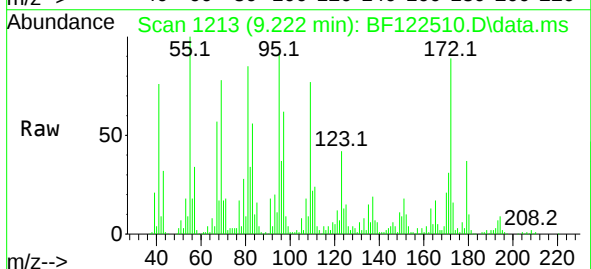
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BNA_F
ClientSampleId :
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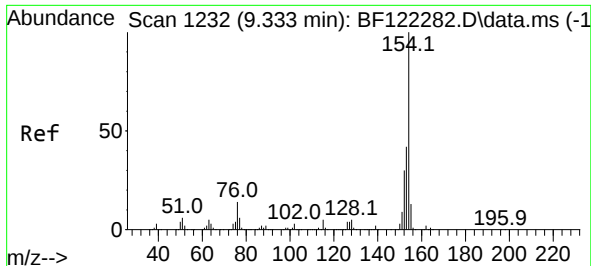
Tgt Ion: 330 Resp: 22908
Ion Ratio Lower Upper
330 100
332 100.0 77.3 115.9
141 0.0 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 21.04 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion: 172 Resp: 201407
Ion Ratio Lower Upper
172 100
171 34.9 29.1 43.7
170 23.3 19.8 29.6

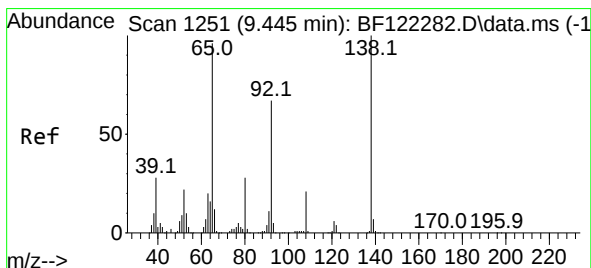
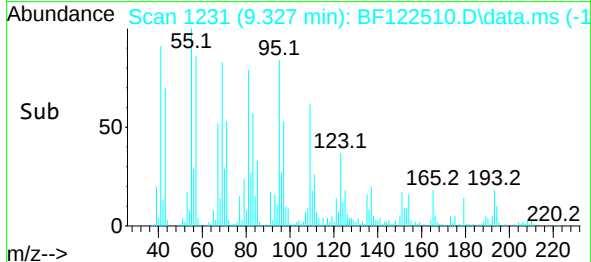
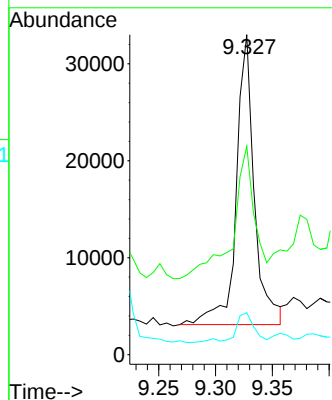
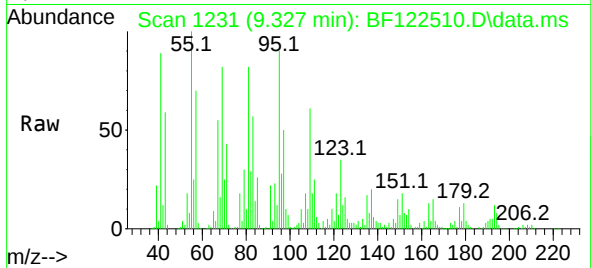




#46
1,1'-Biphenyl
Concen: 2.78 ng
RT: 9.327 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

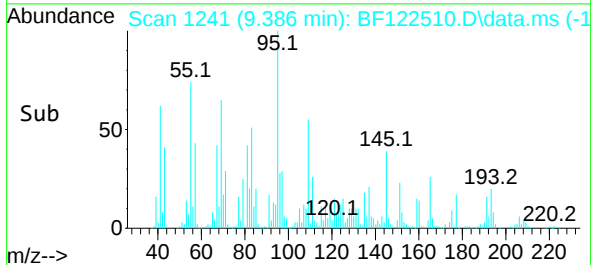
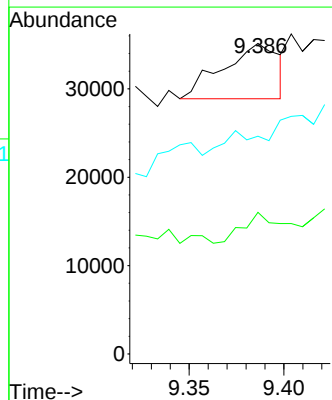
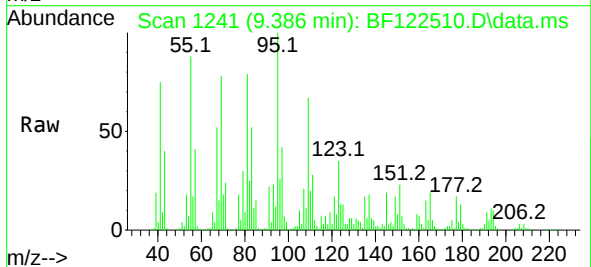
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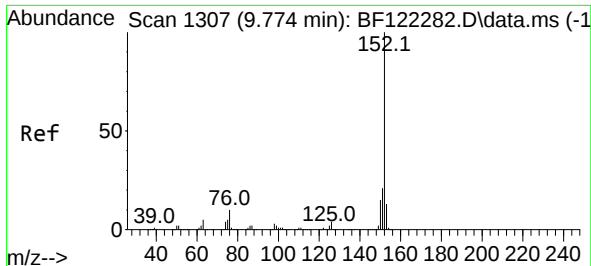
Tgt Ion:154 Resp: 33079
Ion Ratio Lower Upper
154 100
153 65.1 21.3 61.3#
76 13.1 0.0 34.7



#48
2-Nitroaniline
Concen: 9.21 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.059 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion: 65 Resp: 12758
Ion Ratio Lower Upper
65 100
92 45.6 55.1 82.7#
138 70.1 80.5 120.7#





#49

Acenaphthylene

Concen: 2.14 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.029 min

Lab File: BF122510.D

Acq: 30 Nov 2020 16:55

Instrument :

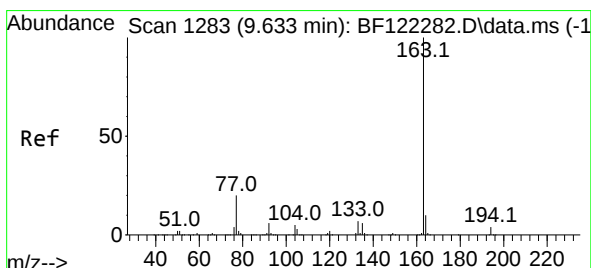
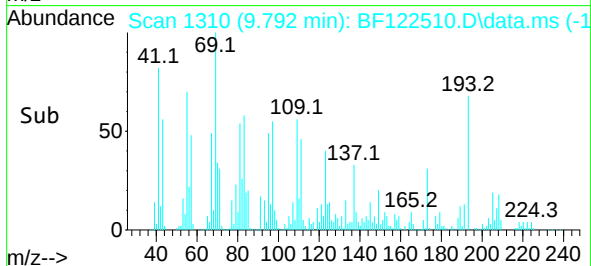
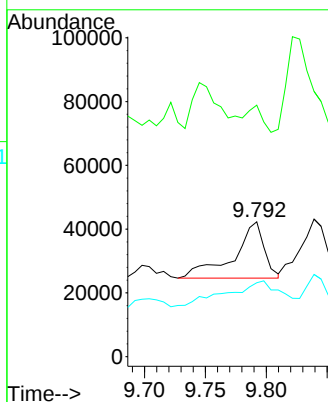
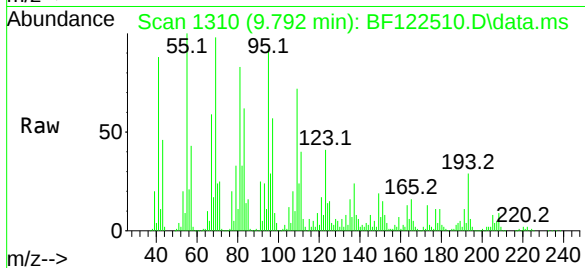
BNA_F

ClientSampleId :

88-CHOPIN

Tgt Ion:152 Resp: 31054

Ion	Ratio	Lower	Upper
152	100		
151	186.5	16.4	24.6#
153	54.8	10.6	15.8#



#50

Dimethylphthalate

Concen: 5.45 ng

RT: 9.633 min Scan# 1283

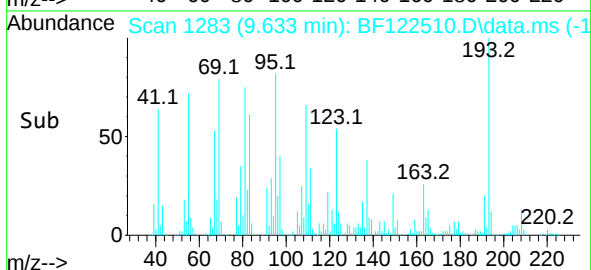
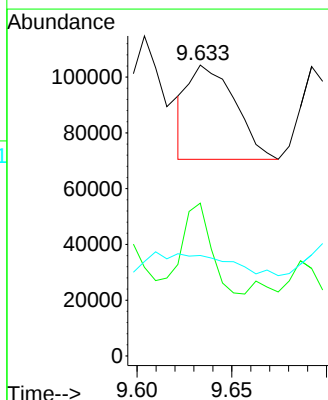
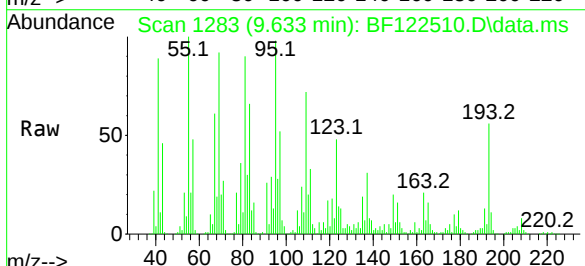
Delta R.T. 0.006 min

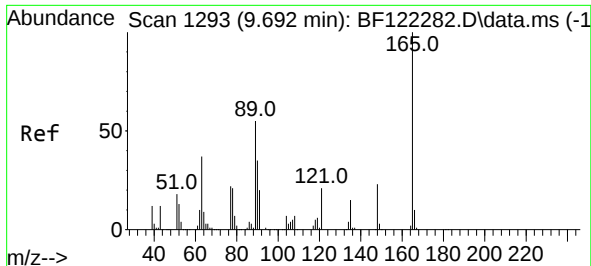
Lab File: BF122510.D

Acq: 30 Nov 2020 16:55

Tgt Ion:163 Resp: 57992

Ion	Ratio	Lower	Upper
163	100		
194	52.5	3.3	4.9#
164	34.5	8.2	12.4#

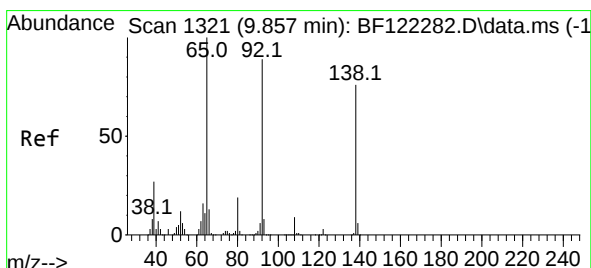
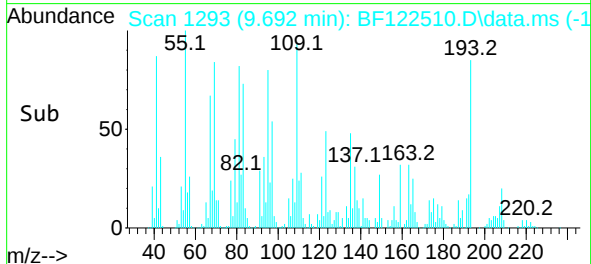
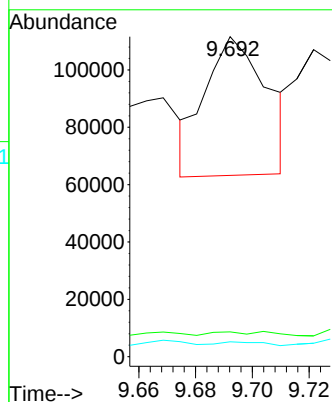
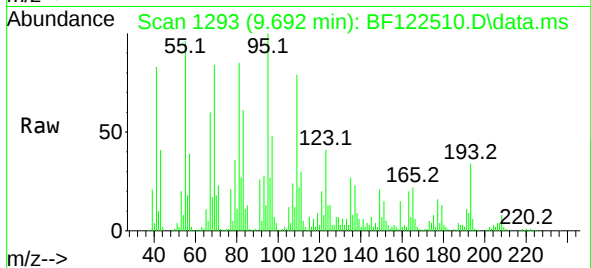




#51
2,6-Dinitrotoluene
Concen: 32.36 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

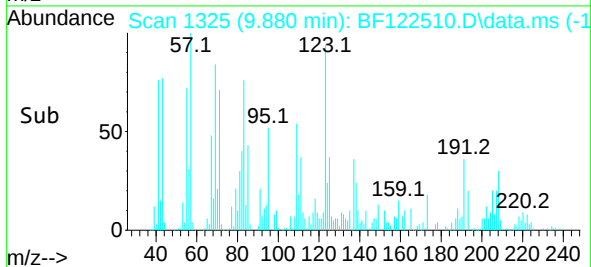
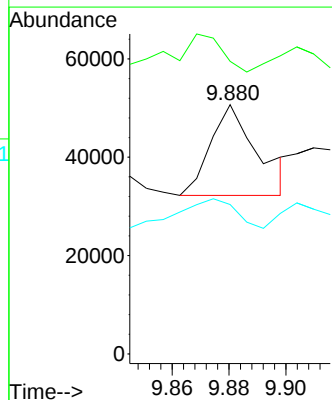
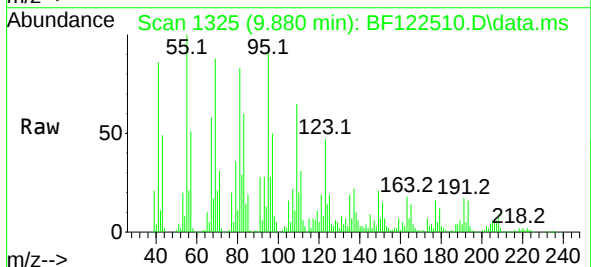
Instrument :
BNA_F
ClientSampleId :
88-CHOPIN

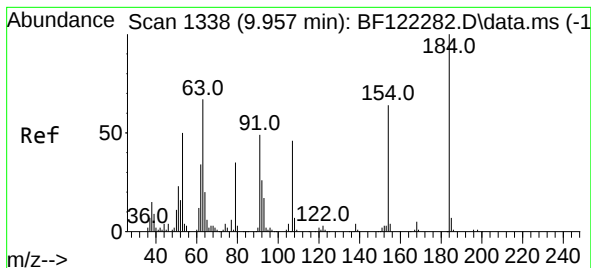
Tgt Ion:165 Resp: 73364
Ion Ratio Lower Upper
165 100
63 7.7 51.8 77.6#
89 4.7 49.0 73.6#



#53
3-Nitroaniline
Concen: 10.83 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.023 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:138 Resp: 21167
Ion Ratio Lower Upper
138 100
108 117.4 8.6 13.0#
92 60.0 96.6 144.8#

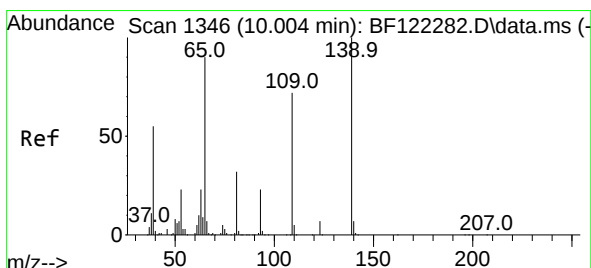
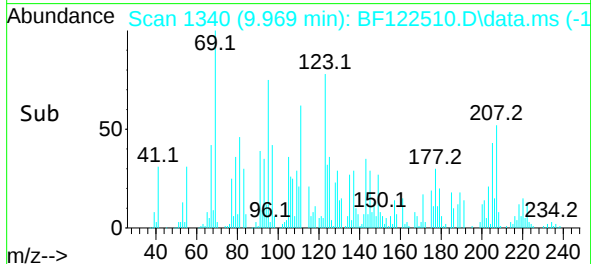
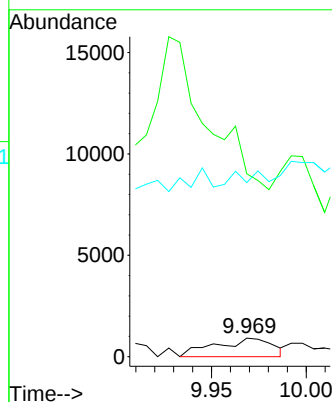
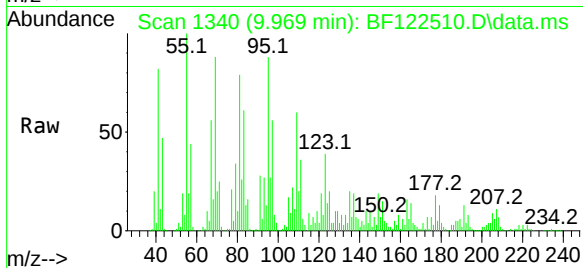




#54
2,4-Dinitrophenol
Concen: 10.15 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

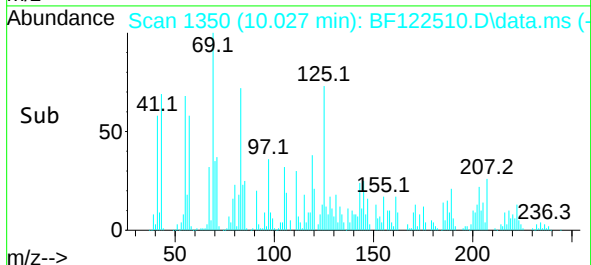
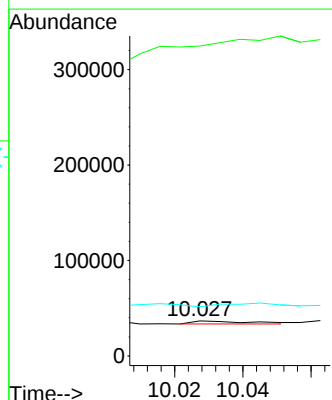
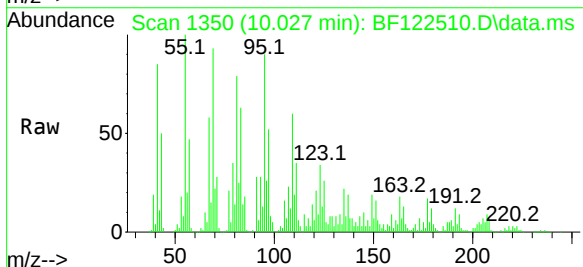
Instrument :
BNA_F
ClientSampleId :
88-CHOPIN

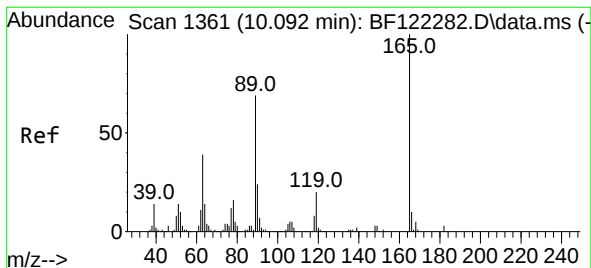
Tgt Ion:184 Resp: 1929
Ion Ratio Lower Upper
184 100
63 984.1 45.9 68.9#
154 936.0 45.8 68.6#



#56
4-Nitrophenol
Concen: 6.93 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:139 Resp: 3796
Ion Ratio Lower Upper
139 100
109 884.4 45.4 85.4#
65 140.4 68.4 108.4#

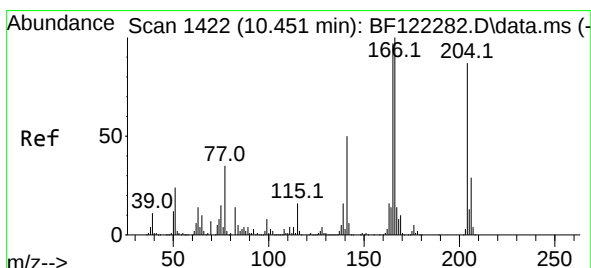
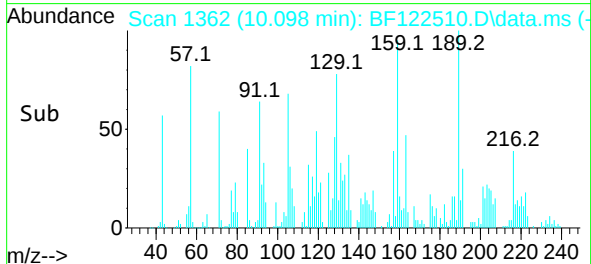
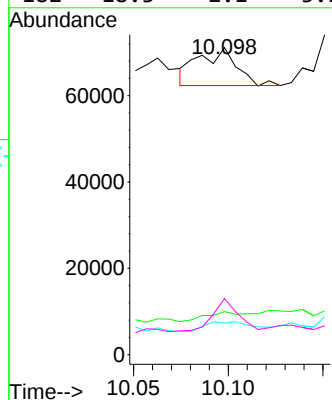
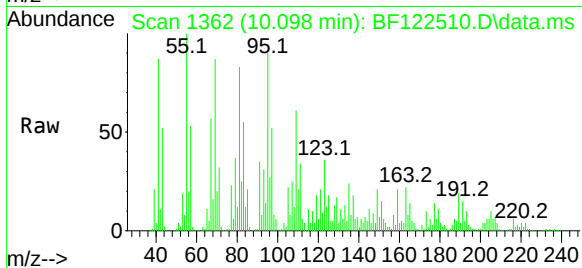




#57
2,4-Dinitrotoluene
Concen: 8.43 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

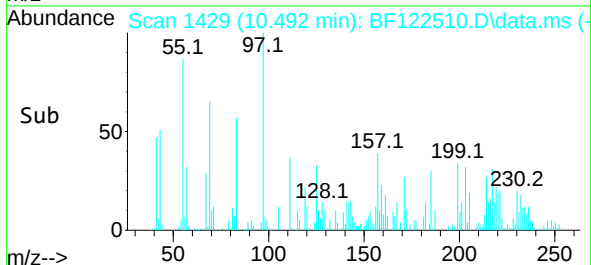
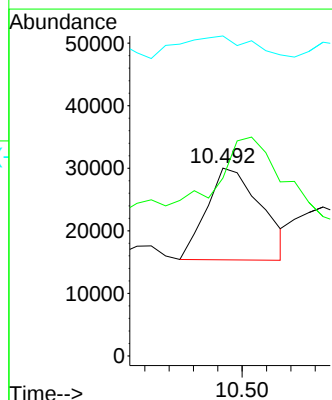
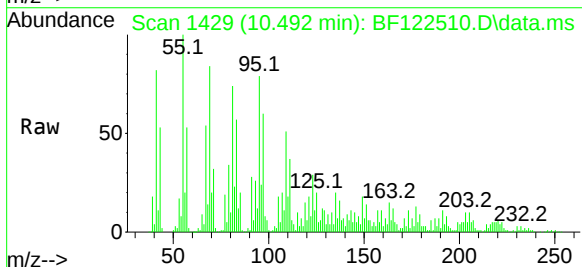
Instrument :
BNA_F
ClientSampleId :
88-CHOPIN

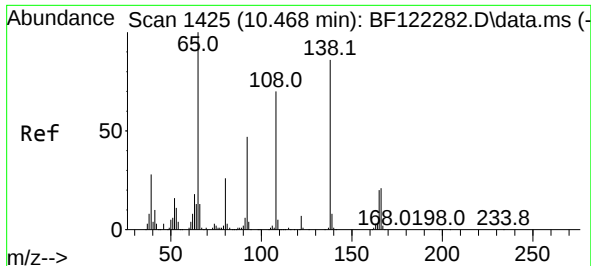
Tgt Ion:165 Resp: 12266
Ion Ratio Lower Upper
165 100
63 14.0 41.3 61.9#
89 10.3 61.8 92.8#
182 18.3 2.1 3.1#



#61
4-Chlorophenyl-phenylether
Concen: 4.80 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.047 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:204 Resp: 22831
Ion Ratio Lower Upper
204 100
206 94.7 26.0 39.0#
141 170.3 46.2 69.4#

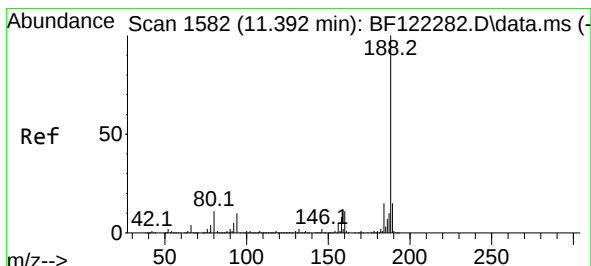
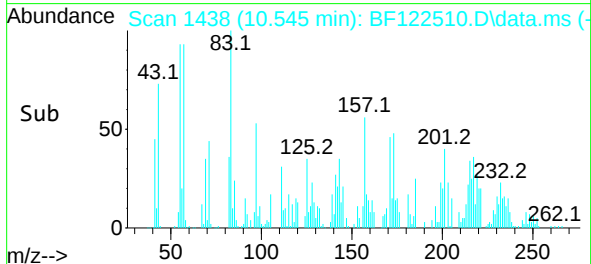
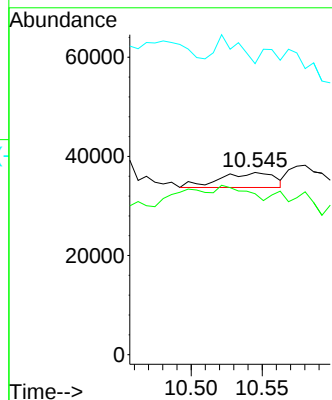
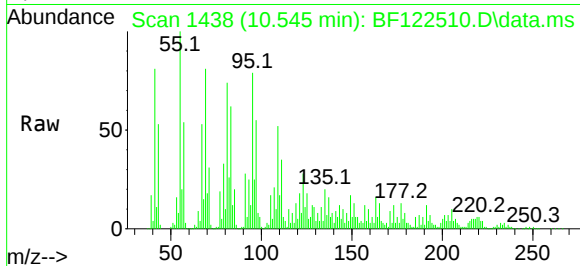




#62
4-Nitroaniline
Concen: 6.19 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.070 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

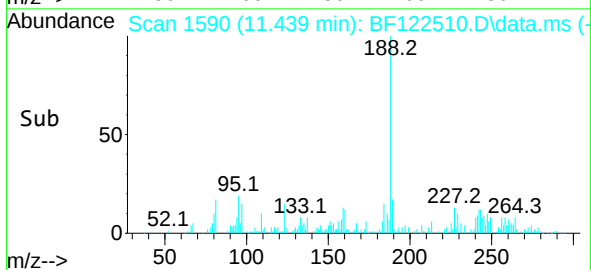
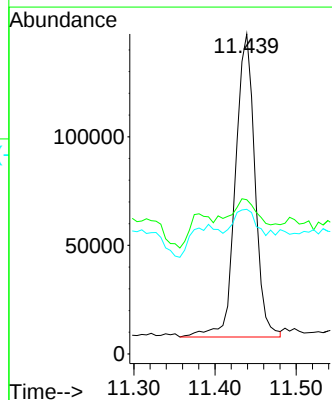
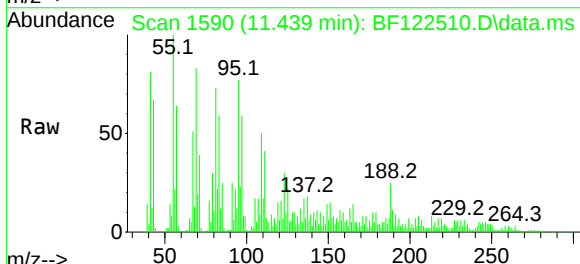
Instrument :
BNA_F
ClientSampleId :
88-CHOPIN

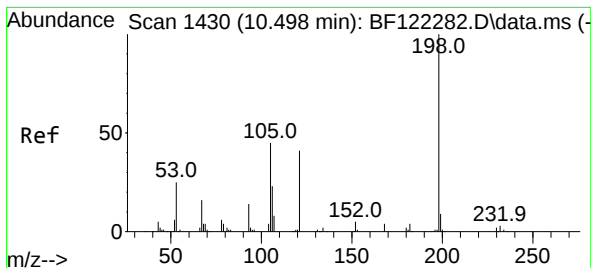
Tgt Ion:138 Resp: 7970
Ion Ratio Lower Upper
138 100
92 88.3 31.0 71.0#
108 159.7 51.5 91.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.053 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:188 Resp: 232446
Ion Ratio Lower Upper
188 100
94 48.2 8.3 12.5#
80 45.2 9.1 13.7#

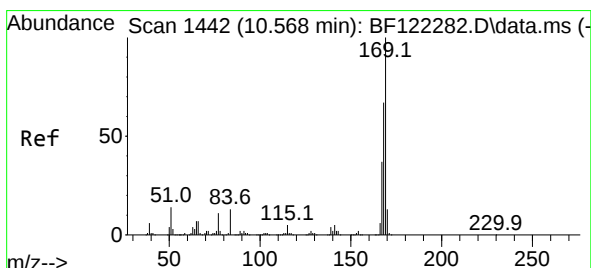
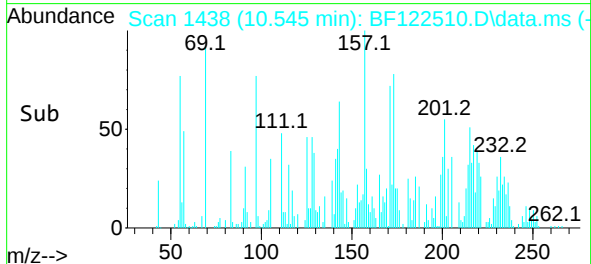
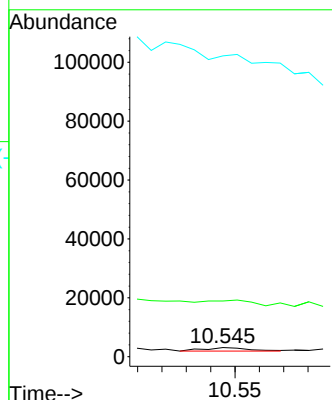
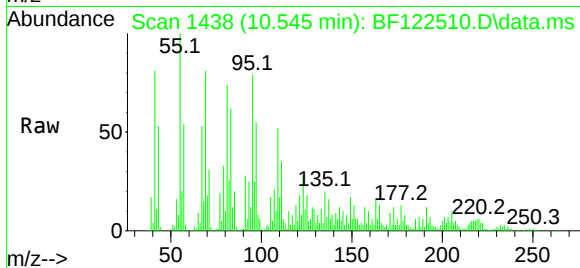




#65
4,6-Dinitro-2-methylphenol
Concen: 8.04 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.047 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

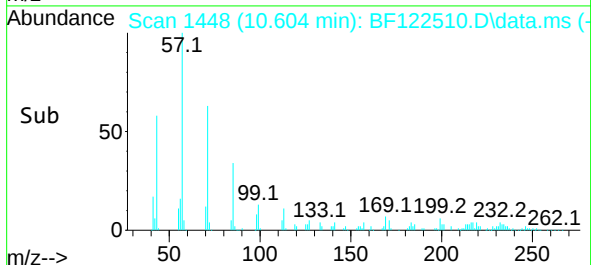
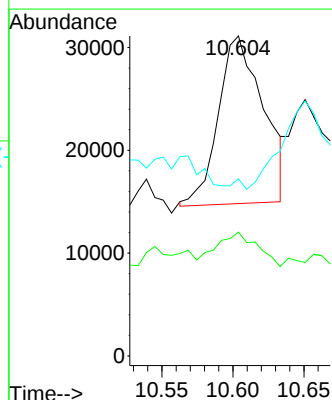
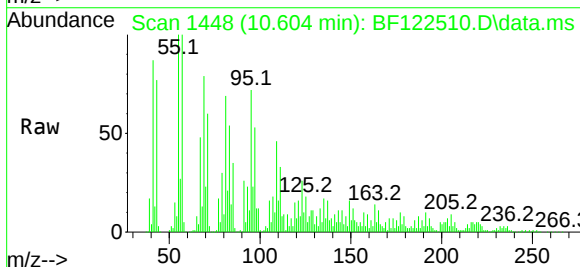
Instrument :
BNA_F
ClientSampleId :
88-CHOPIN

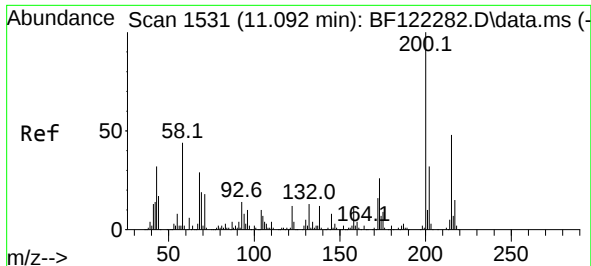
Tgt Ion:198 Resp: 1508
Ion Ratio Lower Upper
198 100
51 608.2 29.6 69.6#
105 3287.5 24.4 64.4#



#66
n-Nitrosodiphenylamine
Concen: 4.53 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.041 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:169 Resp: 35909
Ion Ratio Lower Upper
169 100
168 38.7 50.0 75.0#
167 55.4 27.8 41.6#

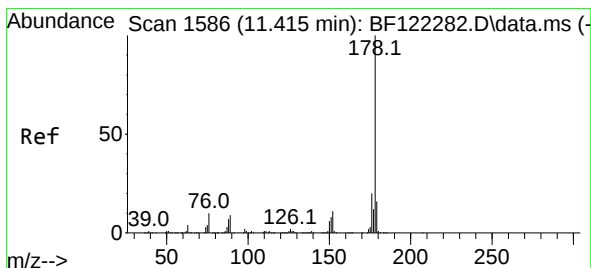
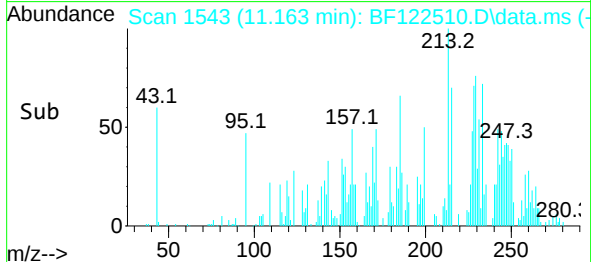
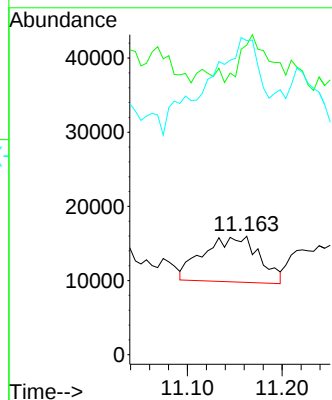
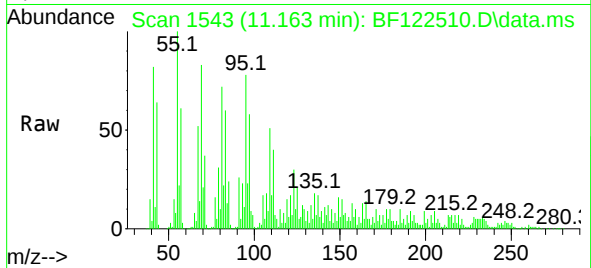




#69
Atrazine
Concen: 12.60 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.076 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

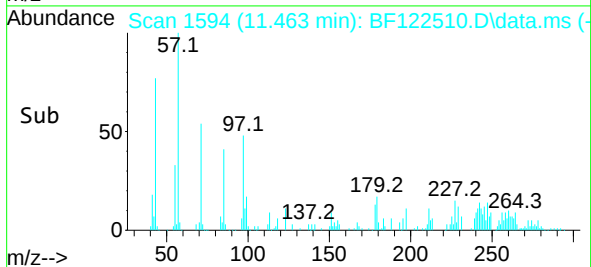
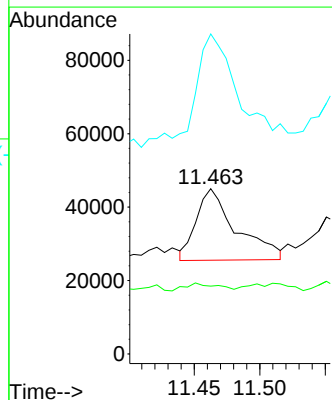
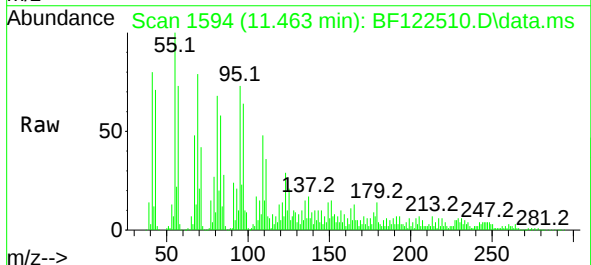
Instrument :
BNA_F
ClientSampleId :
88-CHOPIN

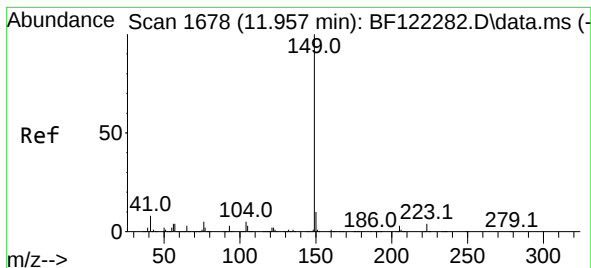
Tgt Ion:200 Resp: 24848
Ion Ratio Lower Upper
200 100
173 261.6 7.5 47.5#
215 265.3 27.1 67.1#



#71
Phenanthrene
Concen: 3.14 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.047 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:178 Resp: 41460
Ion Ratio Lower Upper
178 100
176 41.1 15.9 23.9#
179 193.7 12.2 18.4#

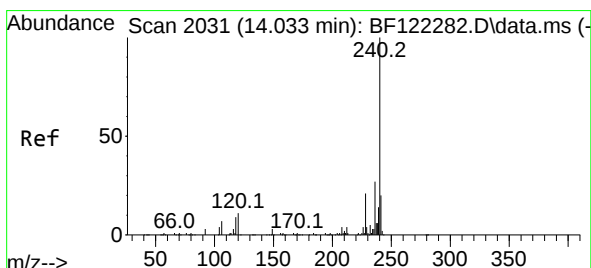
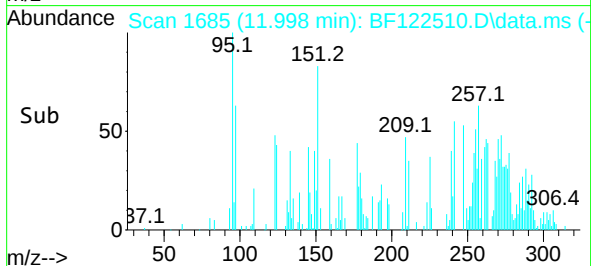
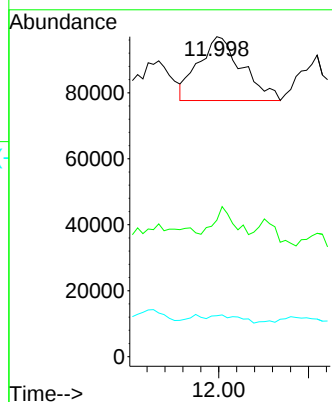
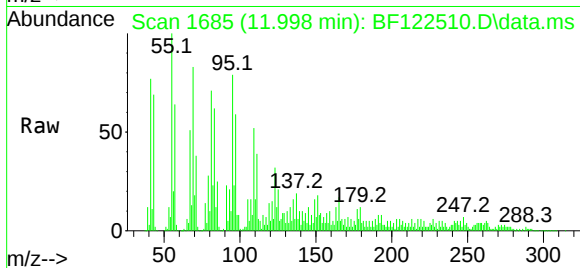




#74
Di-n-butylphthalate
Concen: 4.95 ng
RT: 11.998 min Scan# 1685
Delta R.T. 0.047 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

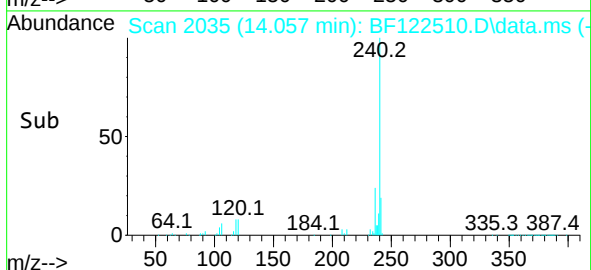
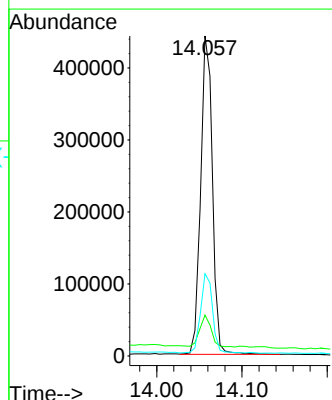
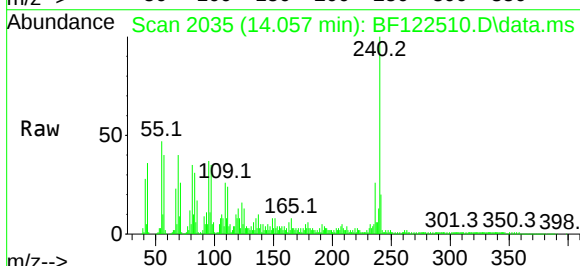
Instrument :
BNA_F
ClientSampleId :
88-CHOPIN

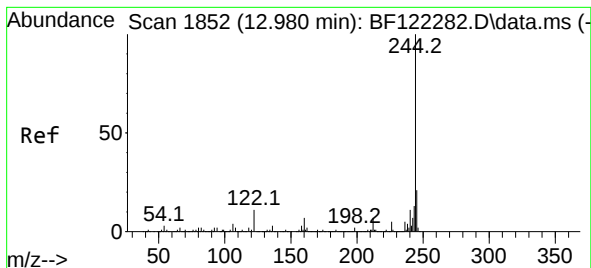
Tgt Ion:149 Resp: 65302
Ion Ratio Lower Upper
149 100
150 42.6 7.7 11.5#
104 12.8 4.2 6.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.023 min
Lab File: BF122510.D
Acq: 30 Nov 2020 16:55

Tgt Ion:240 Resp: 423080
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 6.28 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.047 min

Lab File: BF122510.D

Acq: 30 Nov 2020 16:55

Tgt Ion:244 Resp: 125361

Ion Ratio Lower Upper

244 100

212 12.0 5.4 8.2#

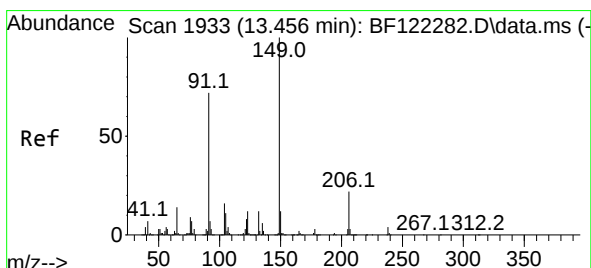
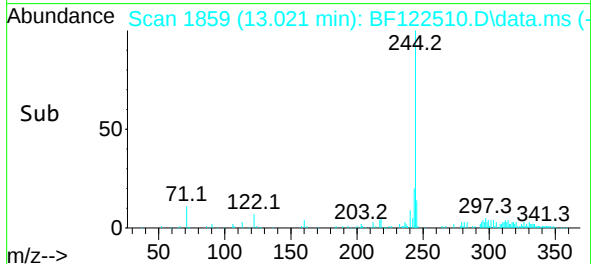
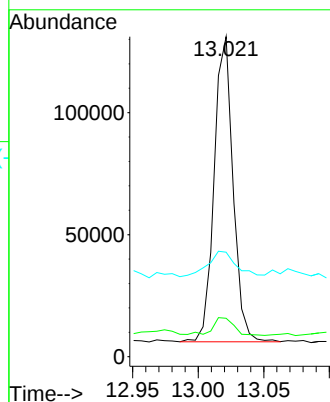
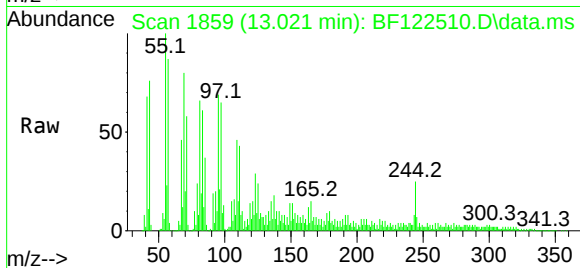
122 32.6 8.1 12.1#

Instrument :

BNA_F

ClientSampleId :

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#80

Butylbenzylphthalate

Concen: 3.73 ng

RT: 13.598 min Scan# 1957

Delta R.T. 0.147 min

Lab File: BF122510.D

Acq: 30 Nov 2020 16:55

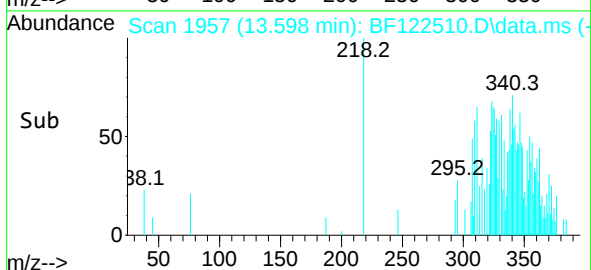
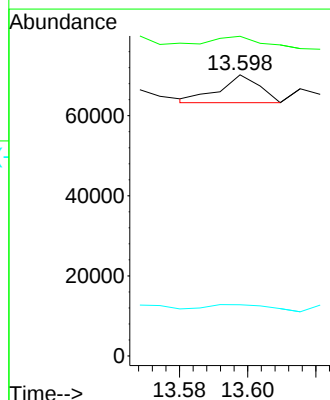
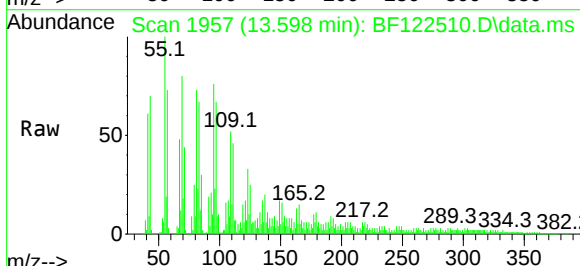
Tgt Ion:149 Resp: 5625

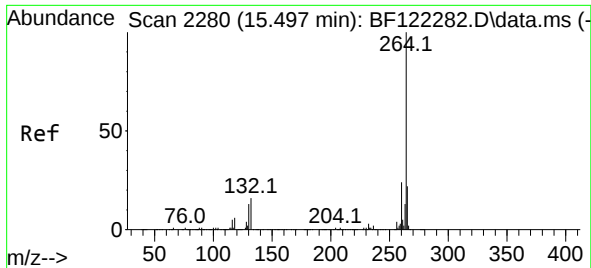
Ion Ratio Lower Upper

149 100

91 113.8 61.0 91.4#

206 18.2 16.7 25.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.000 min
 Lab File: BF122510.D
 Acq: 30 Nov 2020 16:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 556891
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.7 17.3 25.9

