

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
 Data File : BF122511.D
 Acq On : 30 Nov 2020 17:27
 Operator : JU/CG
 Sample : L4897-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 127-CHOPIN

Quant Time: Nov 30 17:51:44 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)

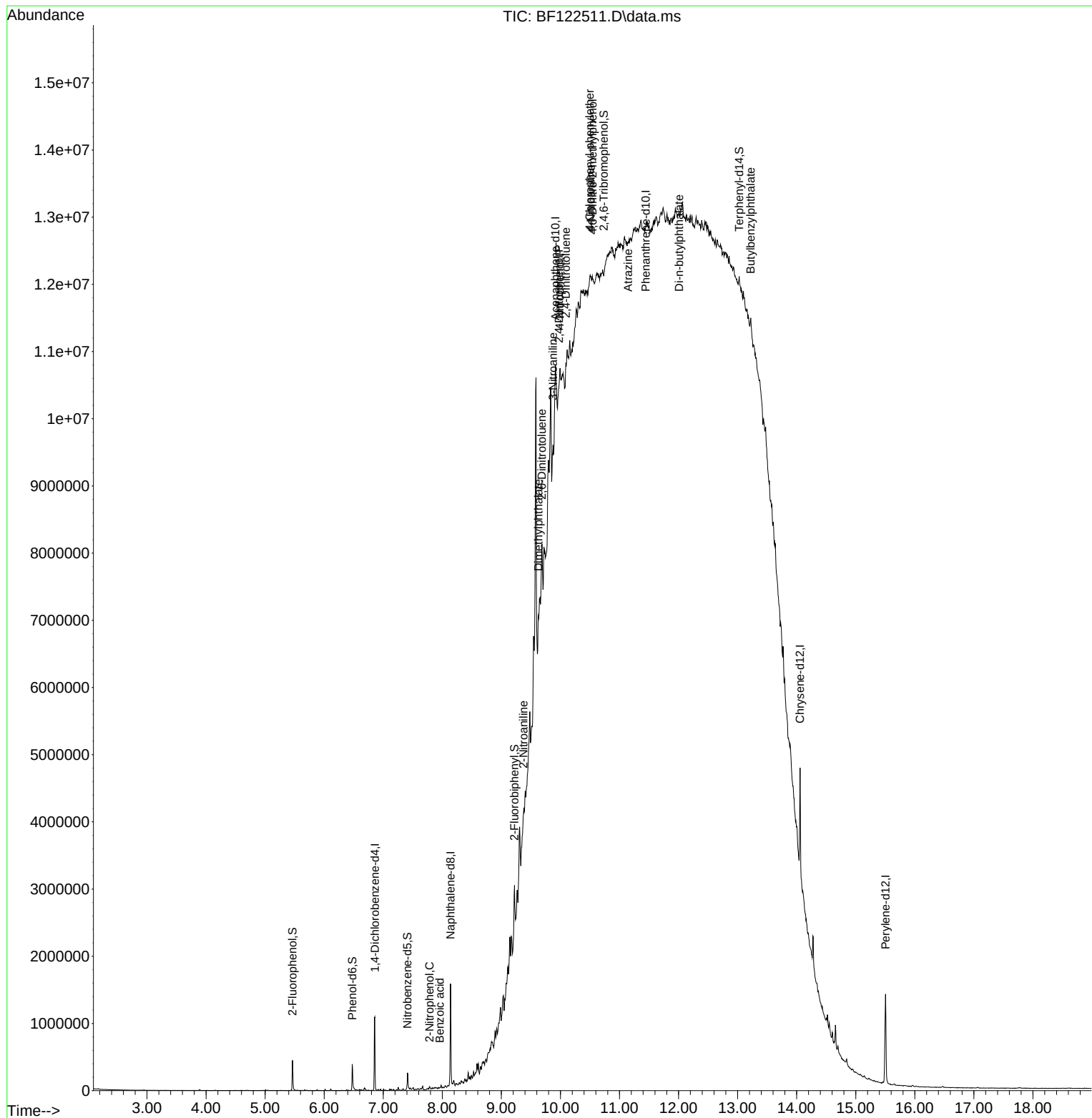
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	175297	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	702909	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	210262	20.00	ng	0.01
64) Phenanthrene-d10	11.445	188	247665	20.00	ng	# 0.06
76) Chrysene-d12	14.057	240	533935	20.00	ng	0.02
86) Perylene-d12	15.504	264	642746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	130198	11.40	ng	-0.02
7) Phenol-d6	6.475	99	161201	10.79	ng	-0.02
23) Nitrobenzene-d5	7.410	82	96966	8.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	23869	10.58	ng	0.04
45) 2-Fluorobiphenyl	9.222	172	206167	15.32	ng	0.00
79) Terphenyl-d14	13.027	244	129794	5.15	ng	0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	246	Below Cal	#	1
26) 2-Nitrophenol	7.787	139	129	6.84	ng	# 1
32) Benzoic acid	7.957	122	130	7.98	ng	# 1
48) 2-Nitroaniline	9.375	65	6481	6.63	ng	# 68
50) Dimethylphthalate	9.628	163	45356	3.03	ng	# 21
51) 2,6-Dinitrotoluene	9.686	165	49021	17.38	ng	# 25
53) 3-Nitroaniline	9.875	138	26025	9.92	ng	# 27
54) 2,4-Dinitrophenol	9.975	184	575	7.16	ng	# 1
56) 4-Nitrophenol	9.986	139	11317	8.64	ng	# 1
57) 2,4-Dinitrotoluene	10.092	165	8466	6.54	ng	# 33
61) 4-Chlorophenyl-phenyle...	10.498	204	18933	2.83	ng	# 1
62) 4-Nitroaniline	10.516	138	1166	3.67	ng	# 8
65) 4,6-Dinitro-2-methylph...	10.545	198	1623	8.05	ng	# 1
69) Atrazine	11.145	200	16093	7.66	ng	# 1
74) Di-n-butylphthalate	12.010	149	42404	3.02	ng	# 25
80) Butylbenzylphthalate	13.221	149	29160	5.09	ng	# 62

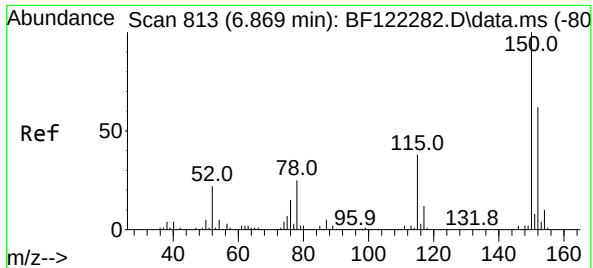
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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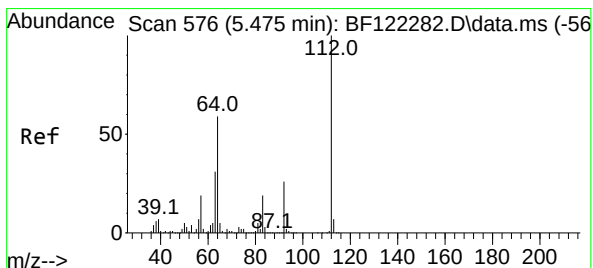
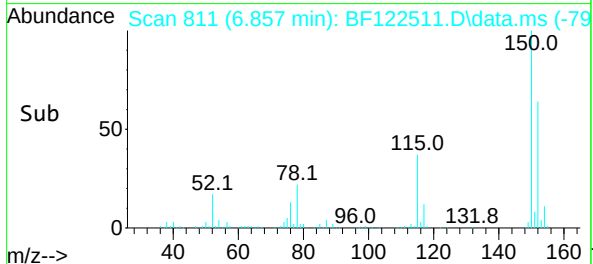
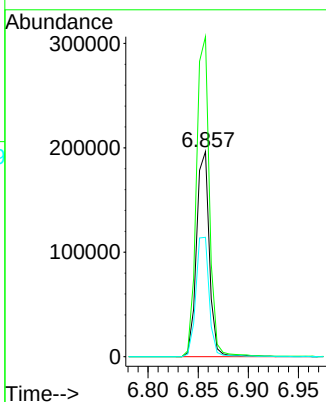
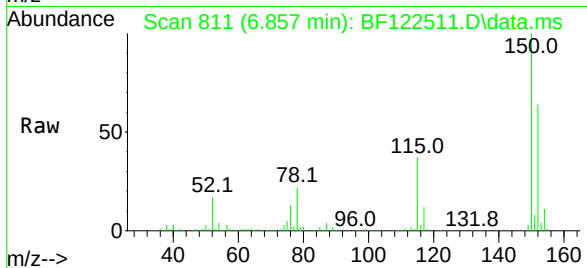




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

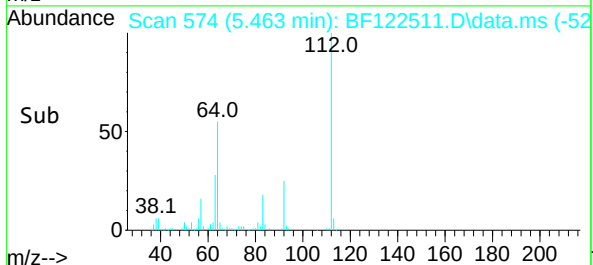
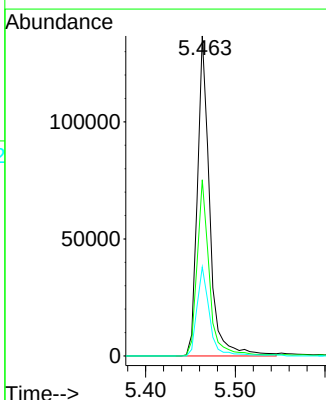
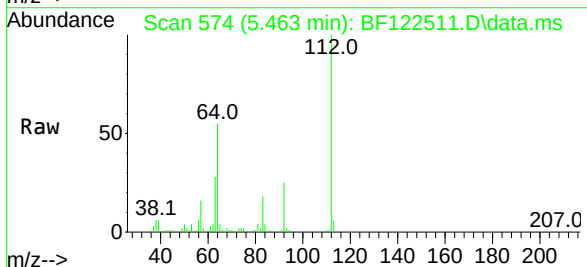
Instrument :
BNA_F
ClientSampleId :
127-CHOPIN

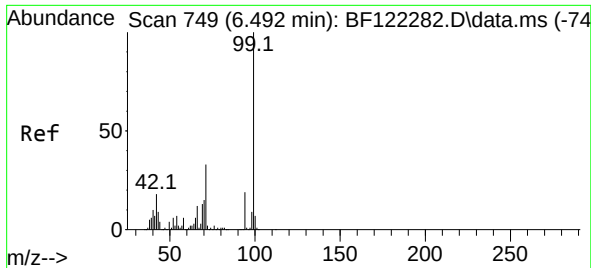
Tgt Ion:152 Resp: 175297
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 58.2 51.9 77.9



#5
2-Fluorophenol
Concen: 11.40 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.018 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion:112 Resp: 130198
Ion Ratio Lower Upper
112 100
64 55.1 50.4 75.6
63 27.8 25.8 38.6

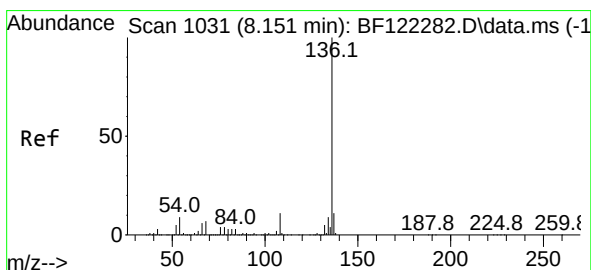
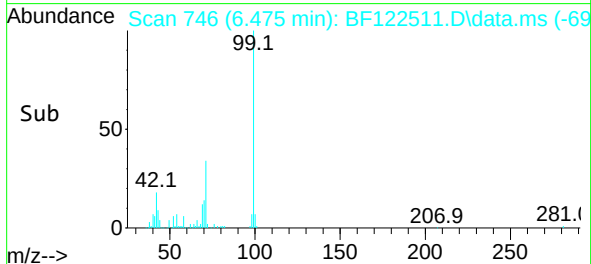
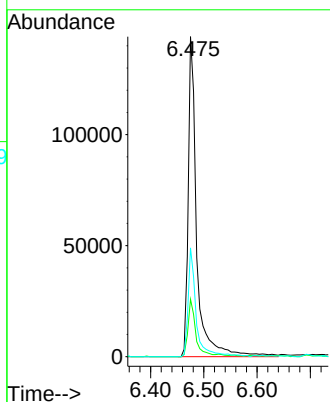
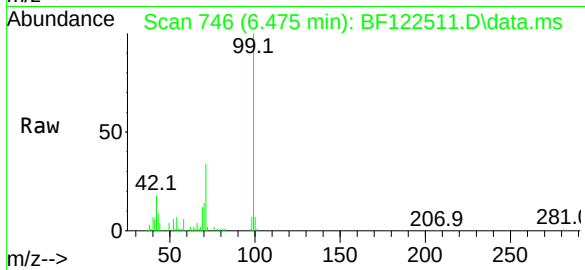




#7
Phenol-d6
Concen: 10.79 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.024 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

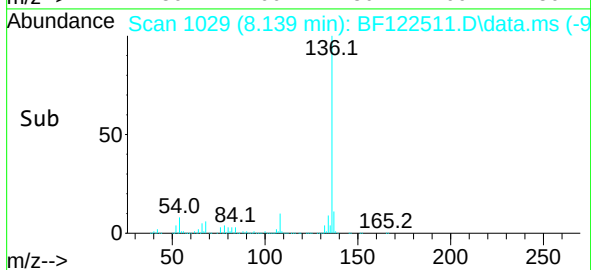
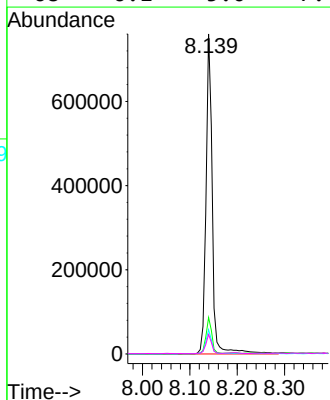
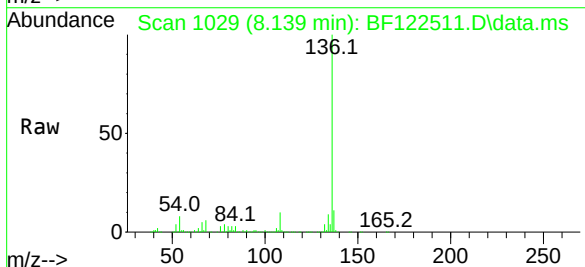
Instrument :
BNA_F
ClientSampleId :
127-CHOPIN

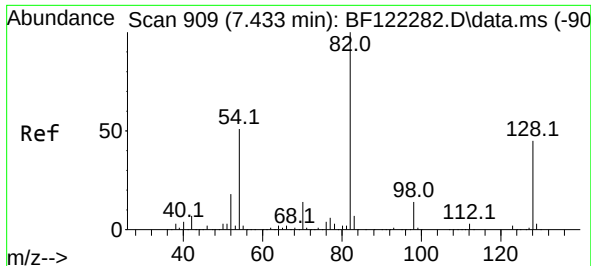
Tgt Ion: 99 Resp: 161201
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 34.0 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion: 136 Resp: 702909
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 7.6 7.1 10.7
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 8.45 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF122511.D

Acq: 30 Nov 2020 17:27

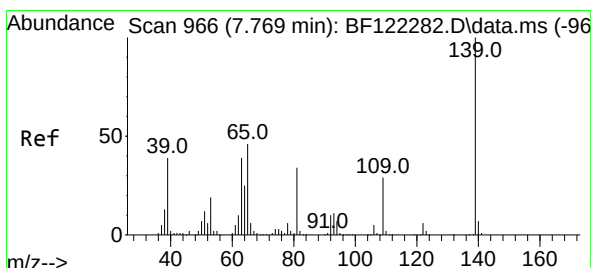
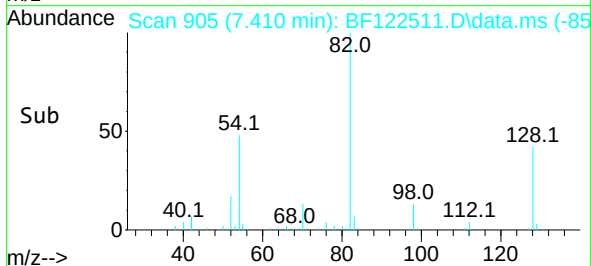
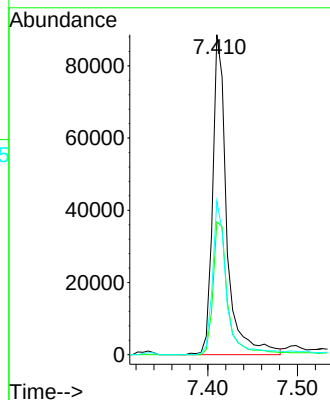
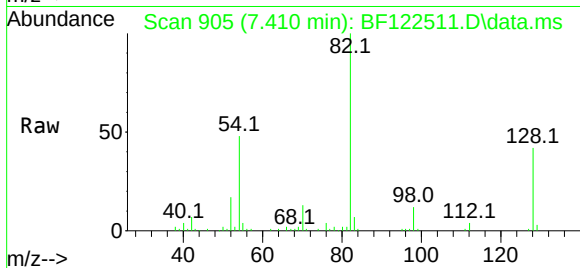
Tgt Ion:	82	Resp:	96966
Ion Ratio	Lower	Upper	
82	100		
128	41.5	35.0	52.4
54	48.1	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

127-CHOPIN



#26

2-Nitrophenol

Concen: 6.84 ng

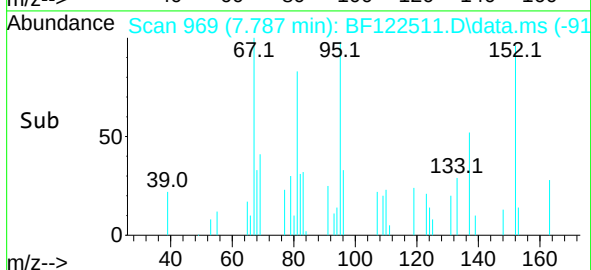
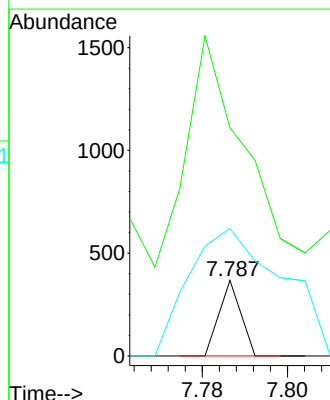
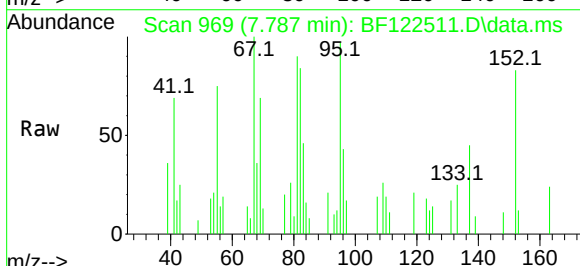
RT: 7.787 min Scan# 969

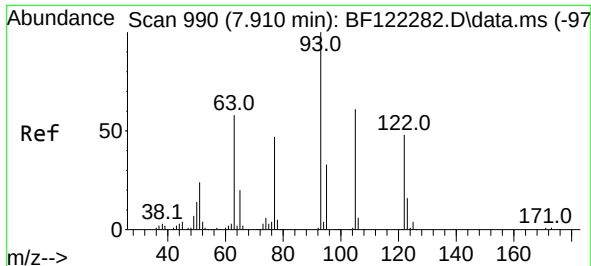
Delta R.T. 0.029 min

Lab File: BF122511.D

Acq: 30 Nov 2020 17:27

Tgt Ion:	139	Resp:	129
Ion Ratio	Lower	Upper	
139	100		
109	302.5	23.0	34.4#
65	168.9	39.9	59.9#

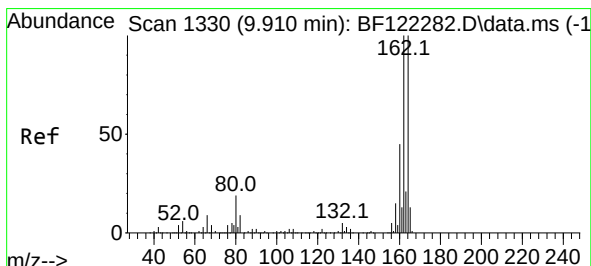
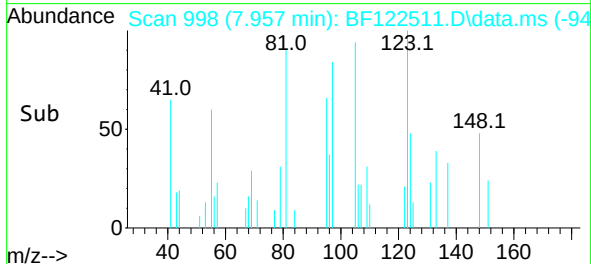
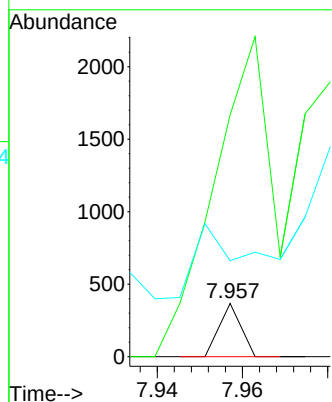
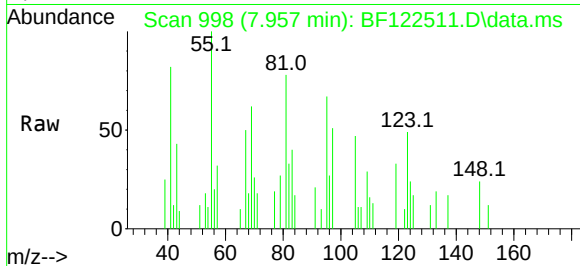




#32
Benzoic acid
Concen: 7.98 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.023 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

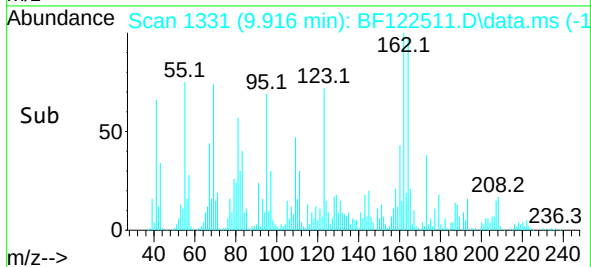
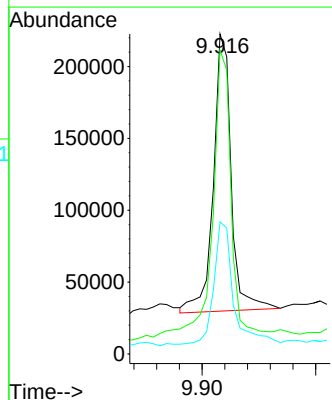
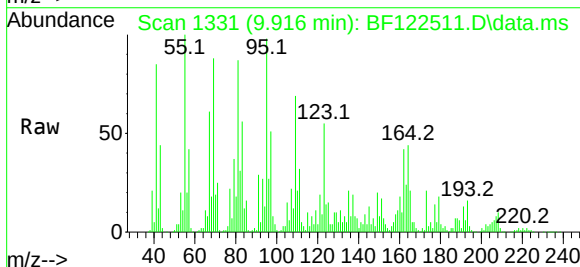
Instrument :
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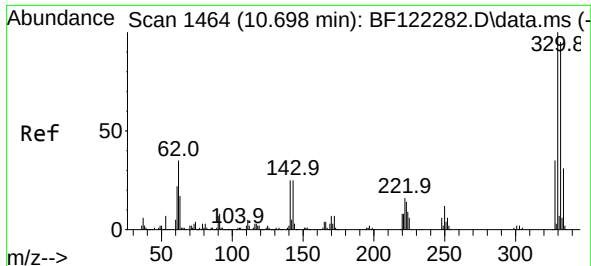
Tgt Ion:122 Resp: 130
Ion Ratio Lower Upper
122 100
105 453.3 103.3 143.3#
77 179.9 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion:164 Resp: 210262
Ion Ratio Lower Upper
164 100
162 94.9 83.2 124.8
160 41.3 37.5 56.3

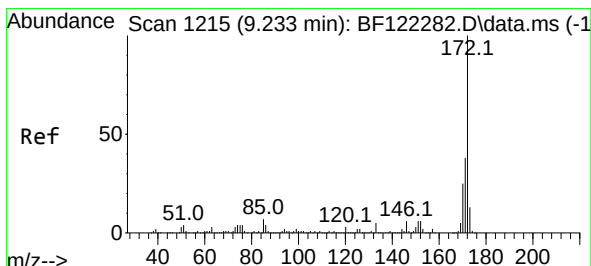
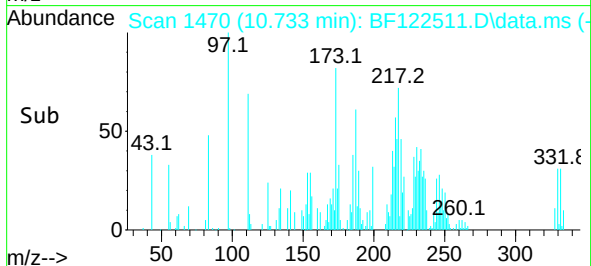
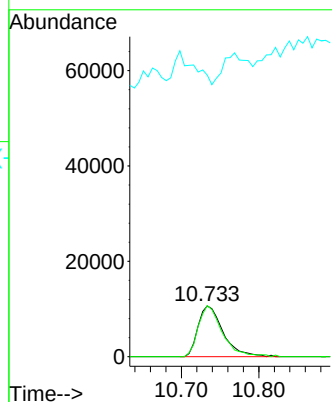
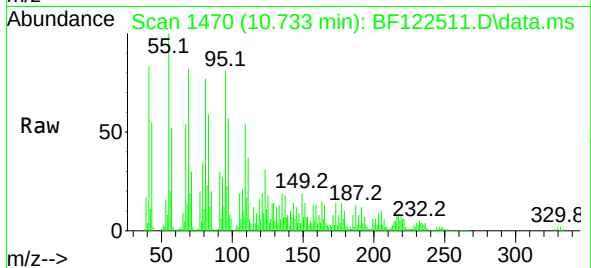




#42
2,4,6-Tribromophenol
Concen: 10.58 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.041 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

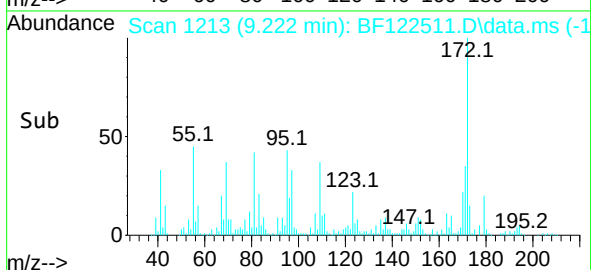
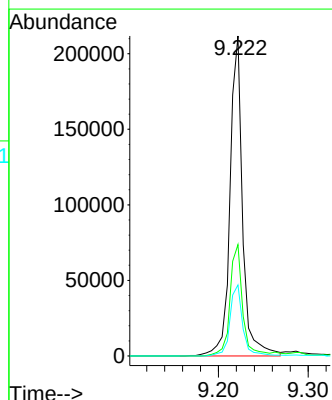
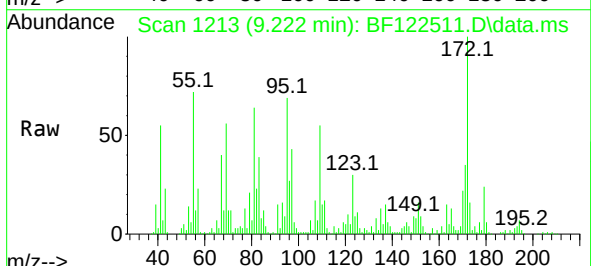
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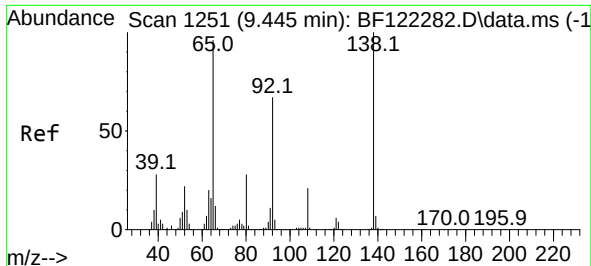
Tgt Ion: 330 Resp: 23869
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 0.0 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 15.32 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion: 172 Resp: 206167
Ion Ratio Lower Upper
172 100
171 34.8 29.1 43.7
170 22.2 19.8 29.6

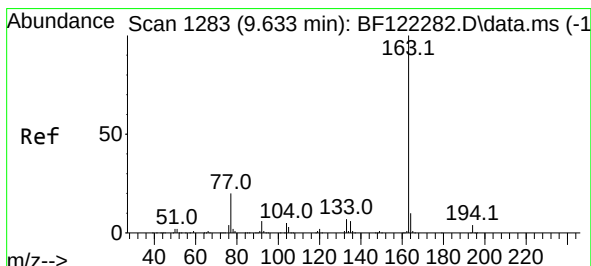
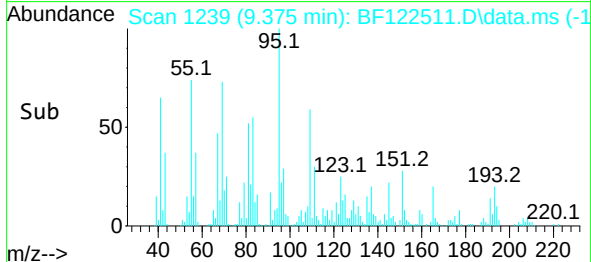
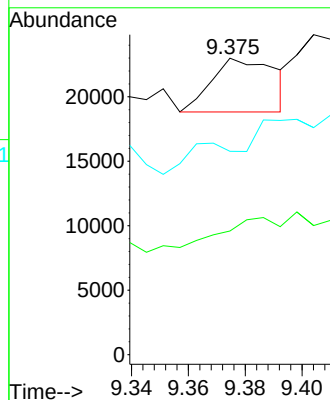
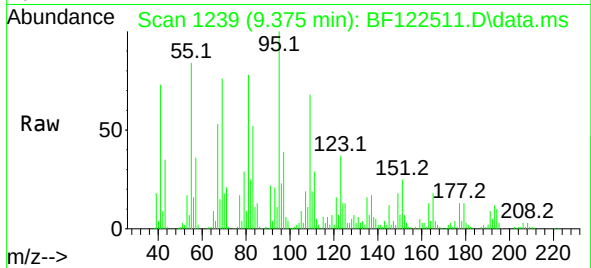




#48
2-Nitroaniline
Concen: 6.63 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.071 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

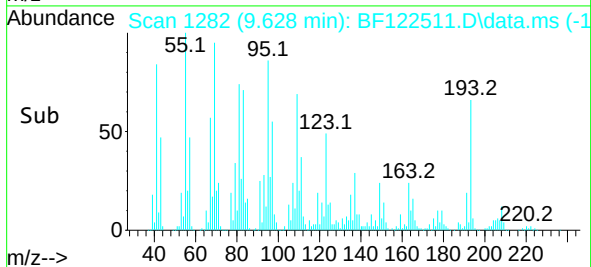
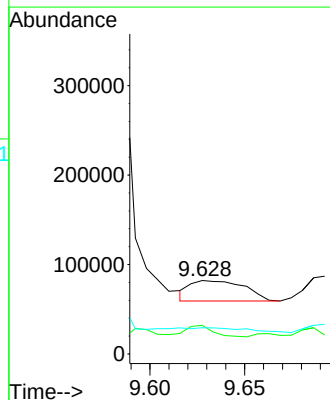
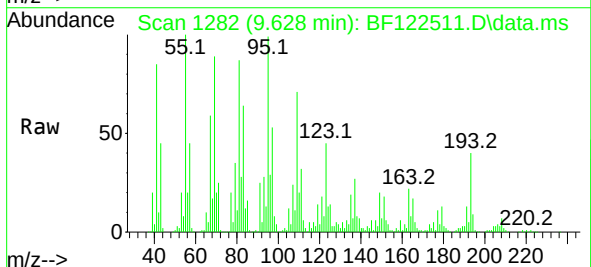
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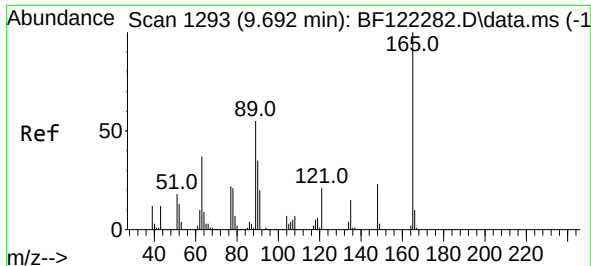
Tgt Ion: 65 Resp: 6481
Ion Ratio Lower Upper
65 100
92 41.7 55.1 82.7#
138 68.6 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.03 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion: 163 Resp: 45356
Ion Ratio Lower Upper
163 100
194 39.0 3.3 4.9#
164 35.8 8.2 12.4#

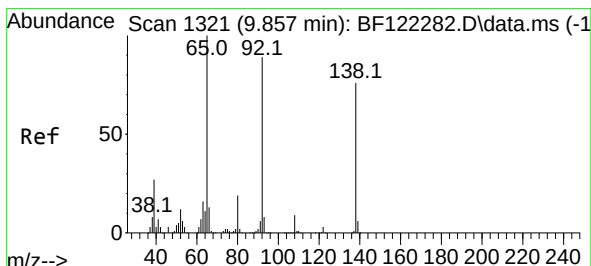
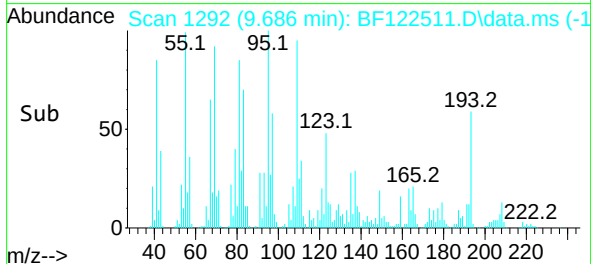
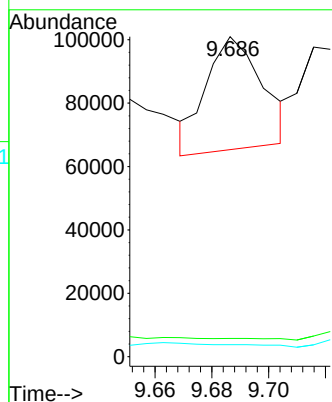
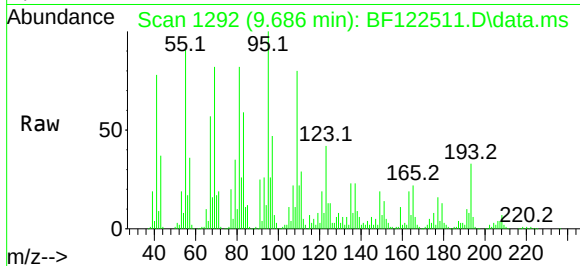




#51
2,6-Dinitrotoluene
Concen: 17.38 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

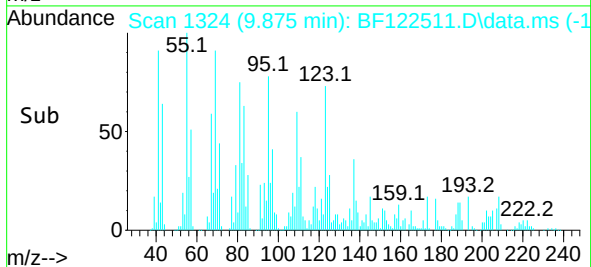
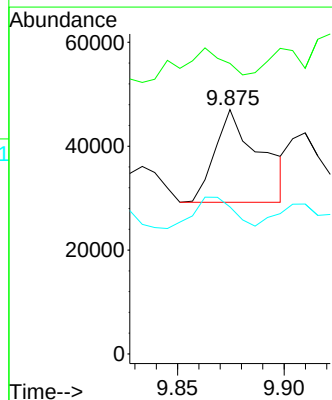
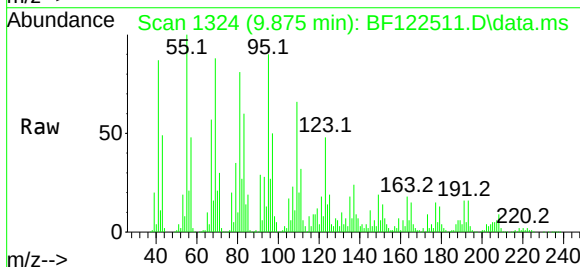
Instrument :
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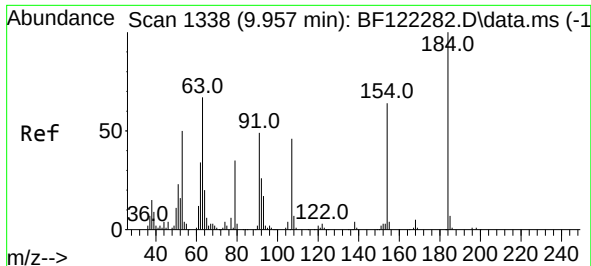
Tgt Ion:165 Resp: 49021
Ion Ratio Lower Upper
165 100
63 5.7 51.8 77.6#
89 3.7 49.0 73.6#



#53
3-Nitroaniline
Concen: 9.92 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.018 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion:138 Resp: 26025
Ion Ratio Lower Upper
138 100
108 118.9 8.6 13.0#
92 60.2 96.6 144.8#

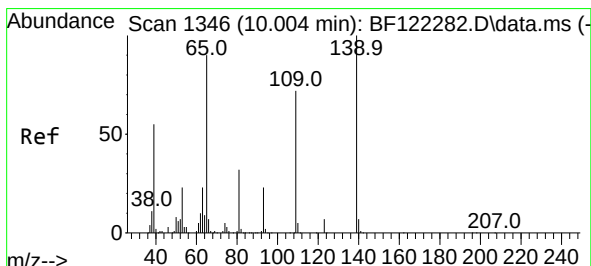
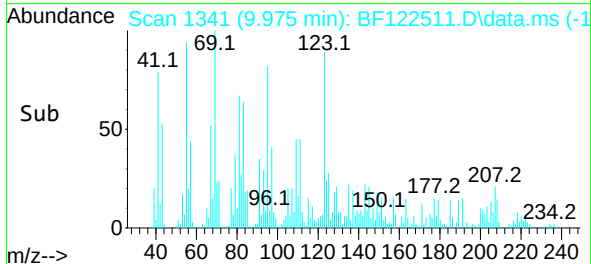
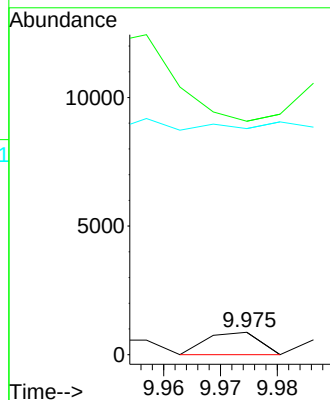
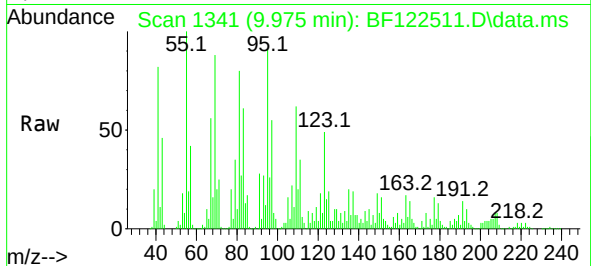




#54
2,4-Dinitrophenol
Concen: 7.16 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

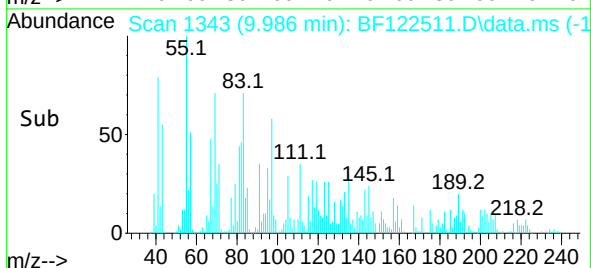
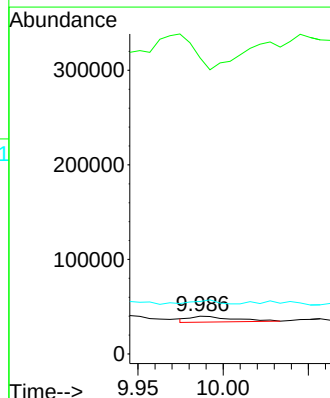
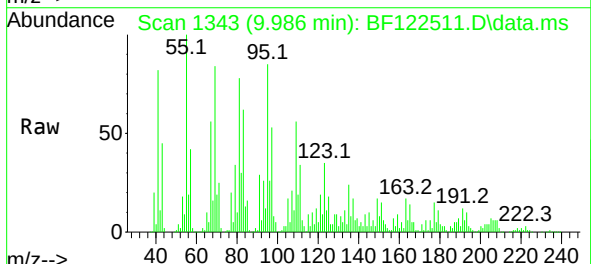
Instrument :
BNA_F
ClientSampleId :
127-CHOPIN

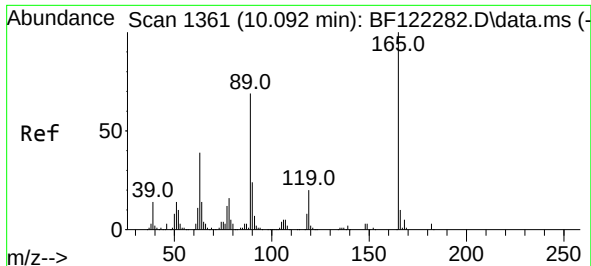
Tgt Ion:184 Resp: 575
Ion Ratio Lower Upper
184 100
63 1039.4 45.9 68.9#
154 1006.8 45.8 68.6#



#56
4-Nitrophenol
Concen: 8.64 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.029 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion:139 Resp: 11317
Ion Ratio Lower Upper
139 100
109 783.4 45.4 85.4#
65 138.7 68.4 108.4#

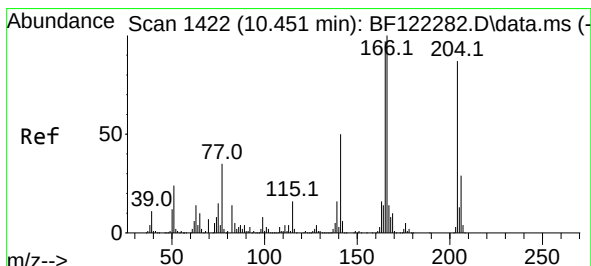
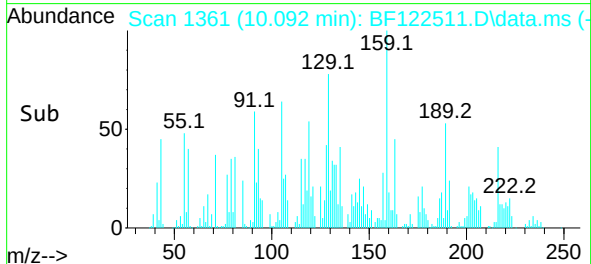
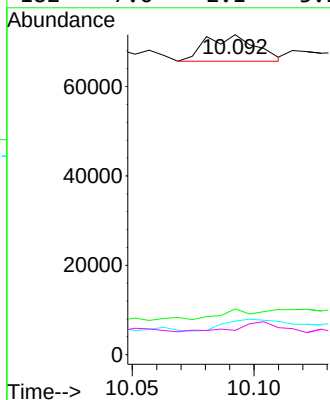
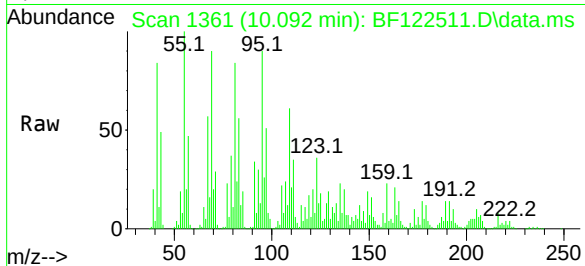




#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

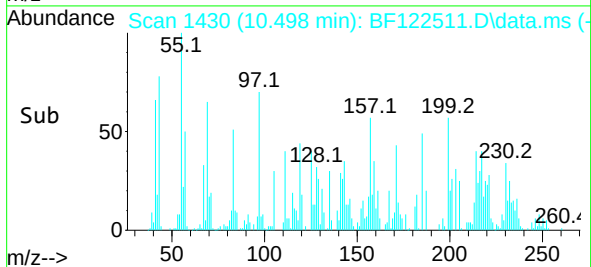
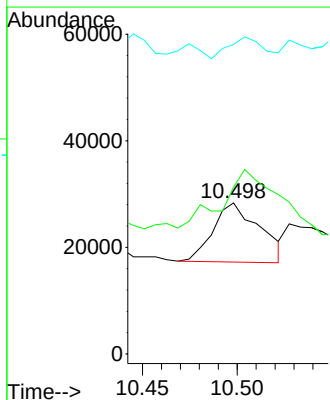
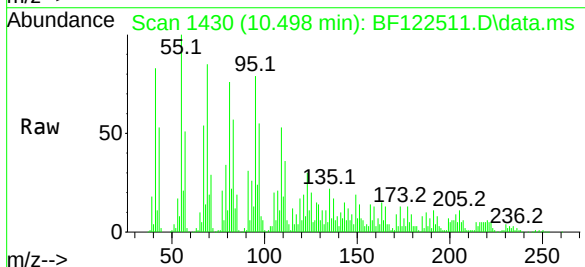
Instrument :
BNA_F
ClientSampleId :
127-CHOPIN

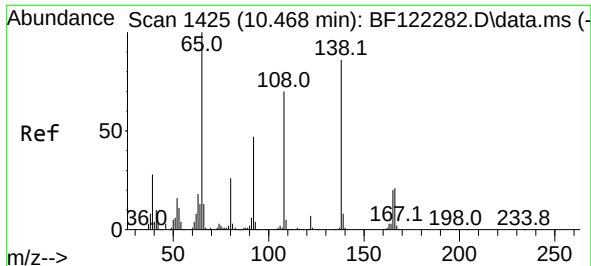
Tgt Ion:165 Resp: 8466
Ion Ratio Lower Upper
165 100
63 14.3 41.3 61.9#
89 10.5 61.8 92.8#
182 7.6 2.1 3.1#



#61
4-Chlorophenyl-phenylether
Concen: 2.83 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.053 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion:204 Resp: 18933
Ion Ratio Lower Upper
204 100
206 110.3 26.0 39.0#
141 204.9 46.2 69.4#

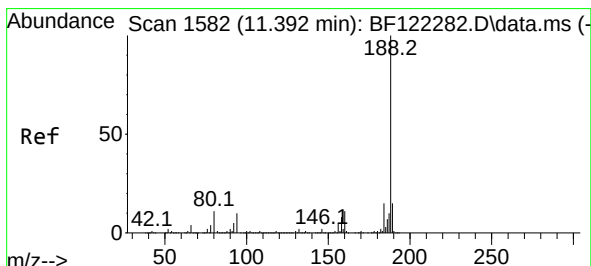
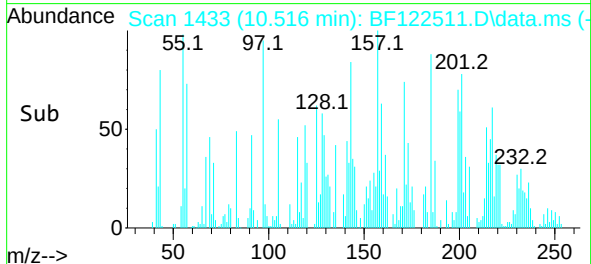
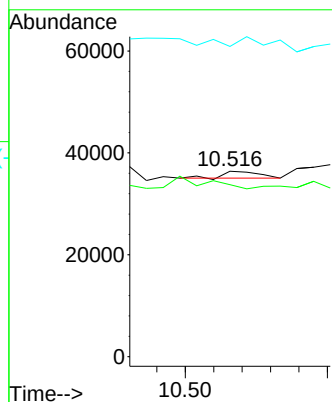
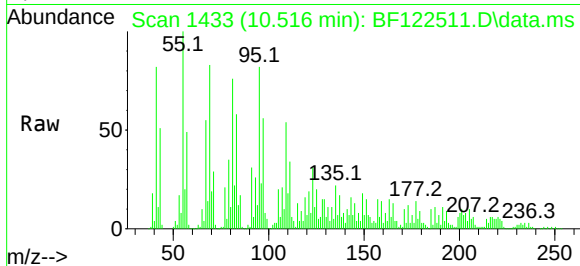




#62
4-Nitroaniline
Concen: 3.67 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.041 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

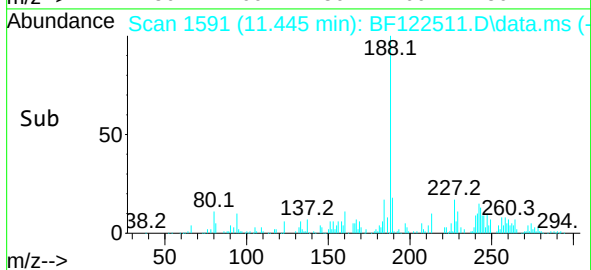
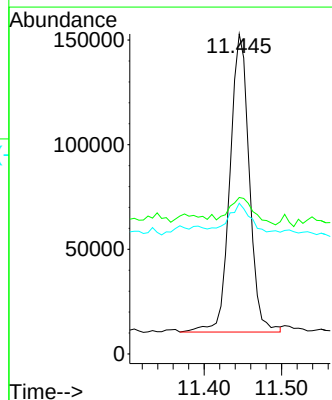
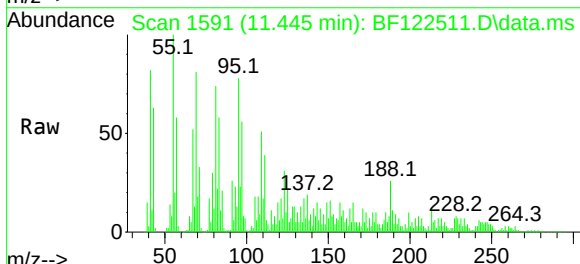
Instrument :
BNA_F
ClientSampleId :
127-CHOPIN

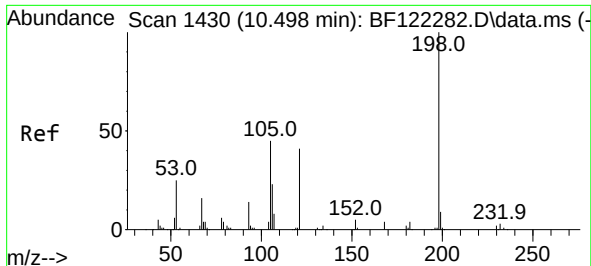
Tgt Ion:138 Resp: 1166
Ion Ratio Lower Upper
138 100
92 92.8 31.0 71.0#
108 167.3 51.5 91.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.059 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion:188 Resp: 247665
Ion Ratio Lower Upper
188 100
94 48.9 8.3 12.5#
80 47.1 9.1 13.7#

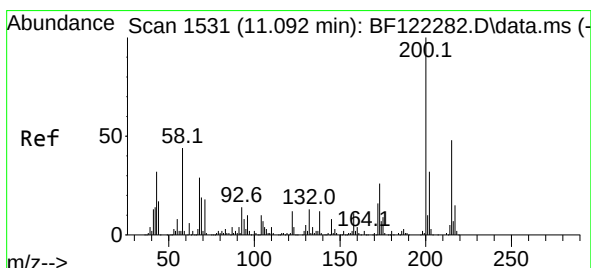
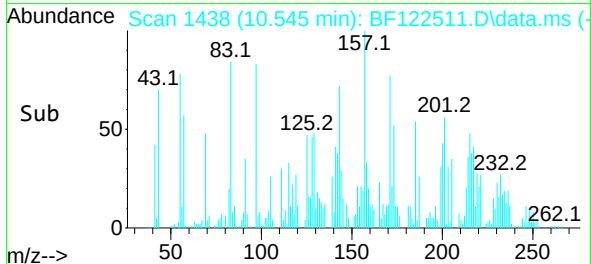
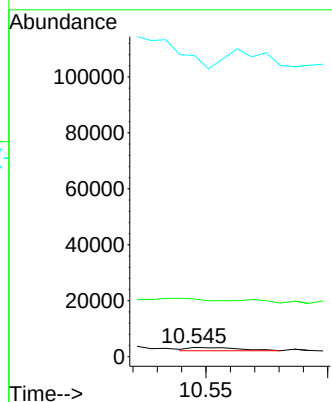
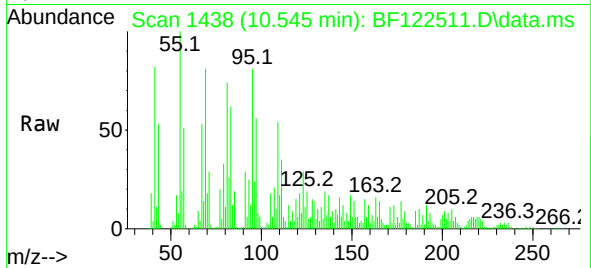




#65
4,6-Dinitro-2-methylphenol
Concen: 8.05 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.047 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

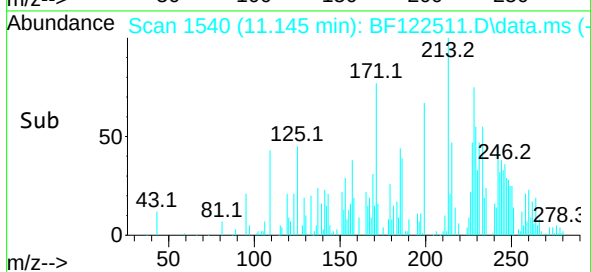
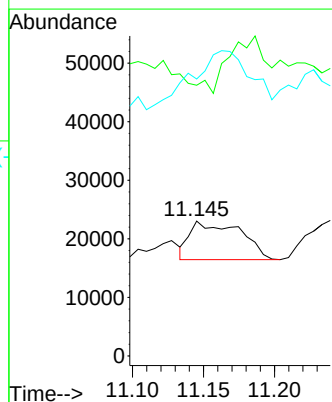
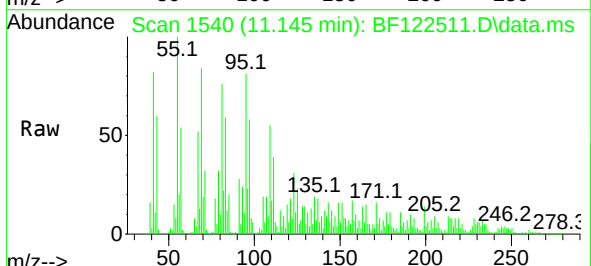
Instrument :
BNA_F
ClientSampleId :
127-CHOPIN

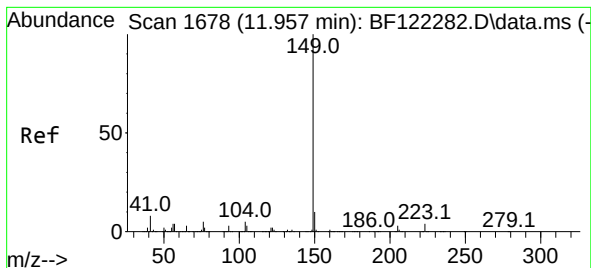
Tgt Ion:198 Resp: 1623
Ion Ratio Lower Upper
198 100
51 627.0 29.6 69.6#
105 3269.5 24.4 64.4#



#69
Atrazine
Concen: 7.66 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.059 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion:200 Resp: 16093
Ion Ratio Lower Upper
200 100
173 200.6 7.5 47.5#
215 205.3 27.1 67.1#

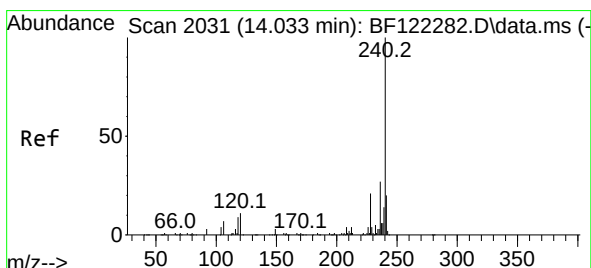
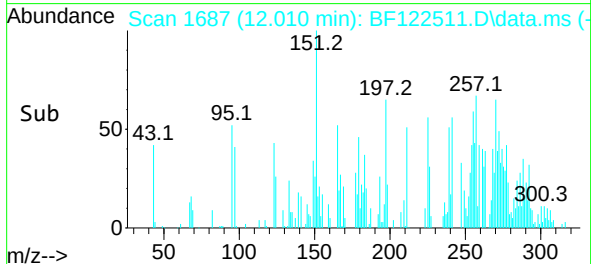
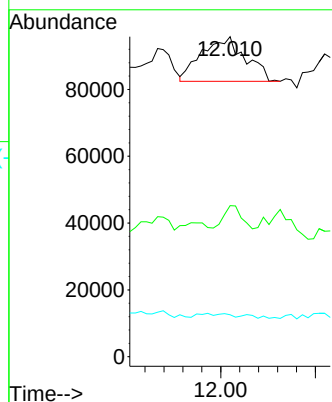
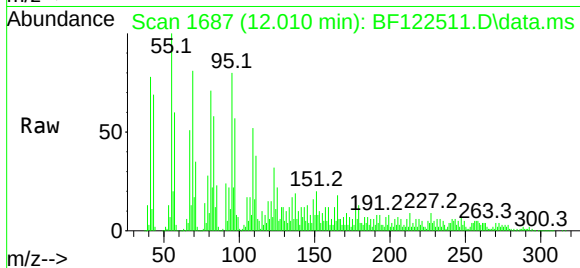




#74
Di-n-butylphthalate
Concen: 3.02 ng
RT: 12.010 min Scan# 1687
Delta R.T. 0.059 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

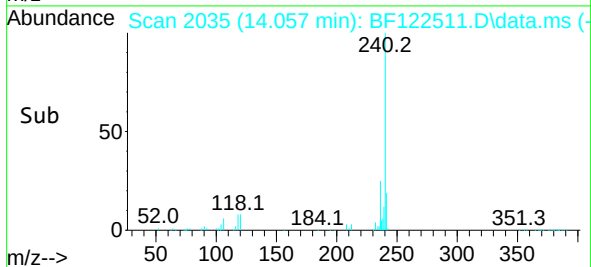
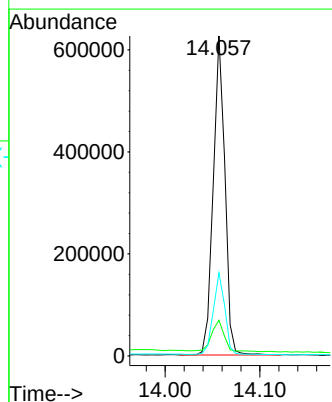
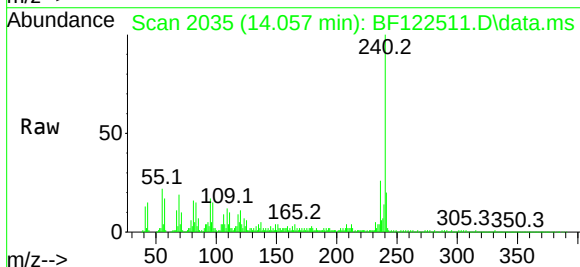
Instrument :
BNA_F
ClientSampleId :
127-CHOPIN

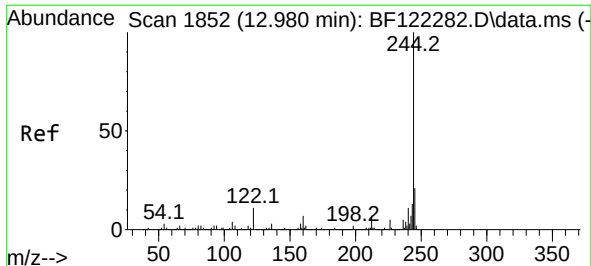
Tgt Ion:149 Resp: 42404
Ion Ratio Lower Upper
149 100
150 47.2 7.7 11.5#
104 13.1 4.2 6.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.023 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Tgt Ion:240 Resp: 533935
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.0 20.9 31.3

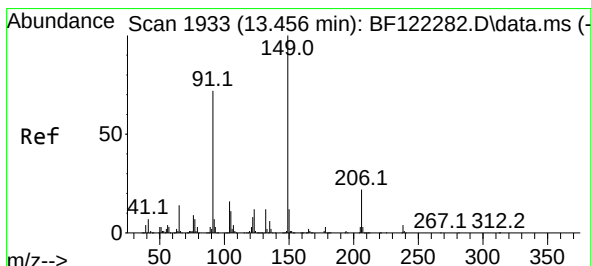
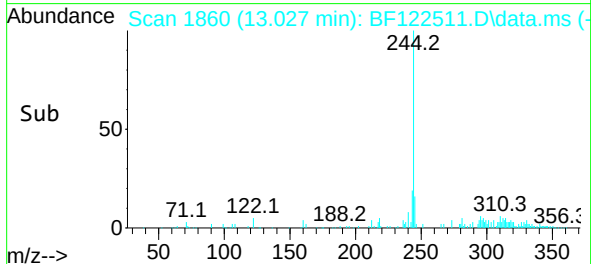
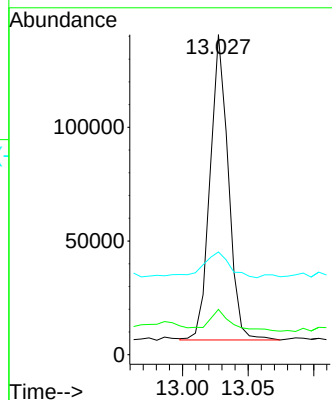
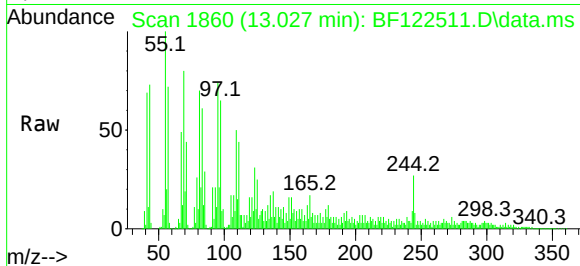




#79
 Terphenyl-d14
 Concen: 5.15 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.053 min
 Lab File: BF122511.D
 Acq: 30 Nov 2020 17:27

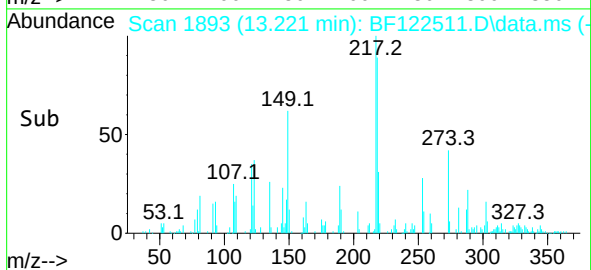
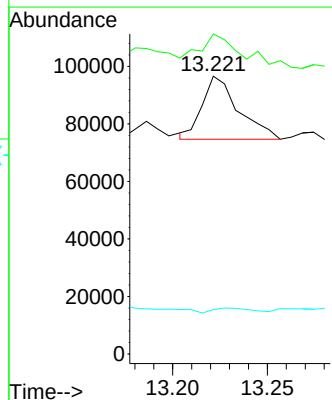
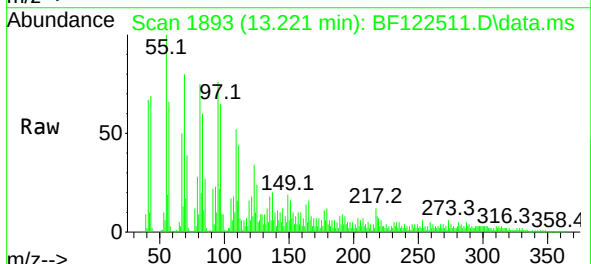
Instrument :
 BNA_F
 ClientSampleId :
 127-CHOPIN

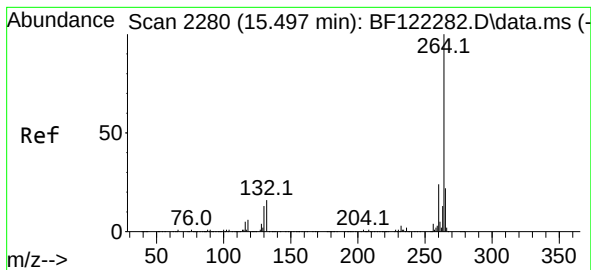
Tgt Ion:244 Resp: 129794
 Ion Ratio Lower Upper
 244 100
 212 14.2 5.4 8.2#
 122 32.1 8.1 12.1#



#80
 Butylbenzylphthalate
 Concen: 5.09 ng
 RT: 13.221 min Scan# 1893
 Delta R.T. -0.229 min
 Lab File: BF122511.D
 Acq: 30 Nov 2020 17:27

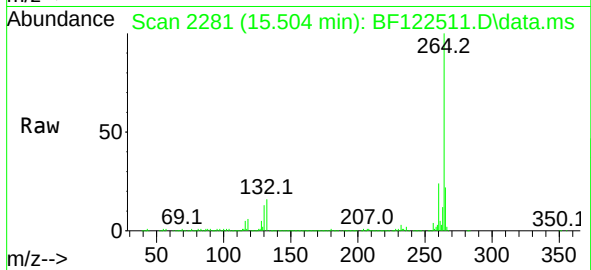
Tgt Ion:149 Resp: 29160
 Ion Ratio Lower Upper
 149 100
 91 115.2 61.0 91.4#
 206 16.0 16.7 25.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF122511.D
Acq: 30 Nov 2020 17:27

Instrument :
BNA_F
ClientSampleId :
127-CHOPIN



Tgt Ion:264 Resp: 642746

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.7	17.3	25.9

