

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
 Data File : BG047221.D
 Acq On : 5 Nov 2020 12:30
 Operator : CG/JU
 Sample : L4548-12DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: Nov 05 13:14:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	50162	20.00	ng	0.00
21) Naphthalene-d8	10.814	136	208869	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	157073	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	390049	20.00	ng	# 0.00
76) Chrysene-d12	21.648	240	411156	20.00	ng	# 0.00
86) Perylene-d12	24.839	264	430253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	69881	22.58	ng	0.00
7) Phenol-d6	7.154	99	103610	23.13	ng	0.00
23) Nitrobenzene-d5	9.169	82	74226	15.25	ng	0.00
42) 2,4,6-Tribromophenol	16.131	330	60496	23.00	ng	0.00
45) 2-Fluorobiphenyl	13.264	172	186721	15.25	ng	0.00
79) Terphenyl-d14	19.991	244	373834	15.99	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.565	128	93268	28.39	ng	96
12) 1,3-Dichlorobenzene	7.894	146	101517	23.74	ng	# 95
13) 1,4-Dichlorobenzene	7.894	146	101517	23.64	ng	96
14) 1,2-Dichlorobenzene	8.358	146	162301	39.85	ng	95
18) Hexachloroethane	9.092	117	61262	38.96	ng	96
24) Nitrobenzene	9.210	77	243483	49.16	ng	# 88
26) 2-Nitrophenol	9.921	139	99127	46.41	ng	# 80
27) 2,4-Dimethylphenol	9.927	122	6240	2.18	ng	# 9
28) bis(2-Chloroethoxy)met...	10.215	93	71060	14.08	ng	96
30) 1,2,4-Trichlorobenzene	10.679	180	178947	36.63	ng	99
31) Naphthalene	10.867	128	269228	22.51	ng	99
32) Benzoic acid	9.927	122	6240	6.97	ng	# 5
33) 4-Chloroaniline	10.867	127	35326	7.02	ng	# 38
34) Hexachlorobutadiene	11.155	225	128582	34.79	ng	98
37) 2-Methylnaphthalene	12.471	142	176475	19.64	ng	# 91
38) 1-Methylnaphthalene	12.471	142	176475	20.66	ng	99
43) 2,4,6-Trichlorophenol	13.076	196	94417	23.42	ng	97
44) 2,4,5-Trichlorophenol	13.076	196	94417	23.06	ng	# 92
49) Acenaphthylene	14.363	152	495303	32.28	ng	98
51) 2,6-Dinitrotoluene	14.210	165	70714	24.58	ng	# 77
52) Acenaphthene	14.709	154	282731	28.83	ng	95
53) 3-Nitroaniline	15.044	138	10390	3.63	ng	# 10
55) Dibenzofuran	15.038	168	669615	41.52	ng	96
56) 4-Nitrophenol	14.845	139	38989	17.58	ng	# 62
57) 2,4-Dinitrotoluene	14.997	165	100519	23.93	ng	# 79
58) Fluorene	15.691	166	166332	12.83	ng	99
60) Diethylphthalate	15.450	149	506965	37.00	ng	97
67) 4-Bromophenyl-phenylether	16.578	248	172354	31.64	ng	96
68) Hexachlorobenzene	16.695	284	123278	20.83	ng	98
69) Atrazine	17.036	200	15320	2.99	ng	# 35
70) Pentachlorophenol	17.036	266	78750	24.42	ng	96
71) Phenanthrene	17.430	178	628805	27.78	ng	97
72) Anthracene	17.430	178	628805	28.60	ng	98
75) Fluoranthene	19.439	202	456644	15.84	ng	96
78) Pyrene	19.798	202	243159	8.49	ng	98
80) Butylbenzylphthalate	20.679	149	334424	30.96	ng	91

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QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

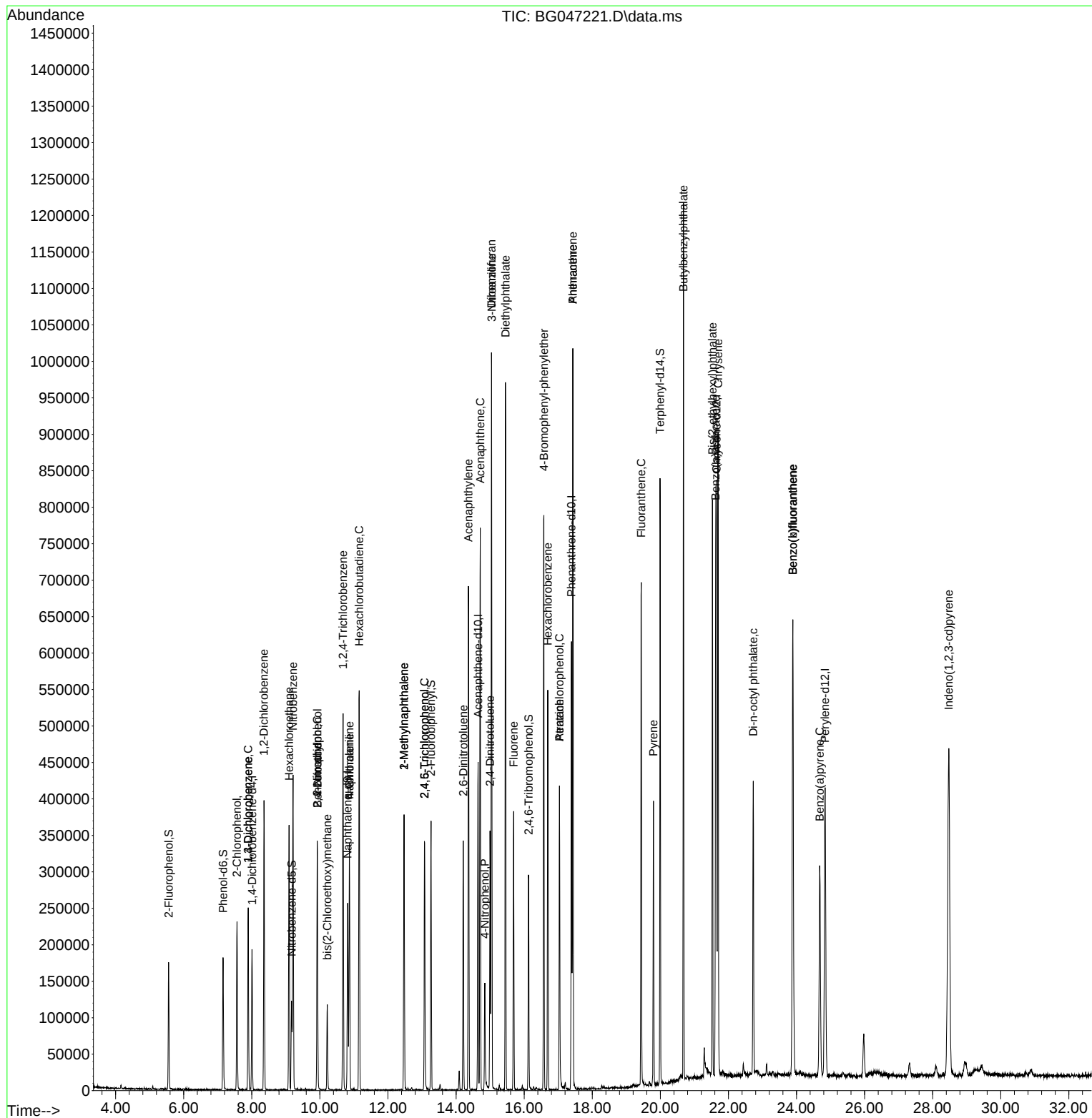
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.625	228	467306	16.03	ng	97
83) Chrysene	21.695	228	588847	20.99	ng	98
84) Bis(2-ethylhexyl)phtha...	21.531	149	312756	20.70	ng	96
85) Di-n-octyl phthalate	22.729	149	341110	13.43	ng	96
87) Indeno(1,2,3-cd)pyrene	28.470	276	840568	25.74	ng #	88
88) Benzo(b)fluoranthene	23.893	252	637712	21.71	ng #	98
89) Benzo(k)fluoranthene	23.893	252	637712	22.23	ng #	97
90) Benzo(a)pyrene	24.680	252	333284	12.16	ng #	97

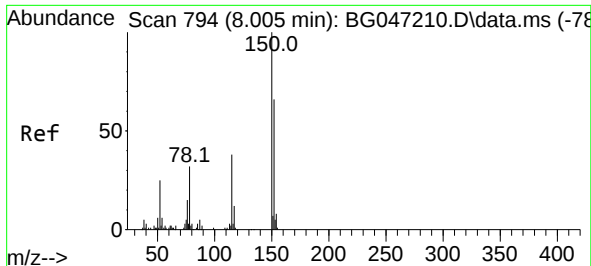
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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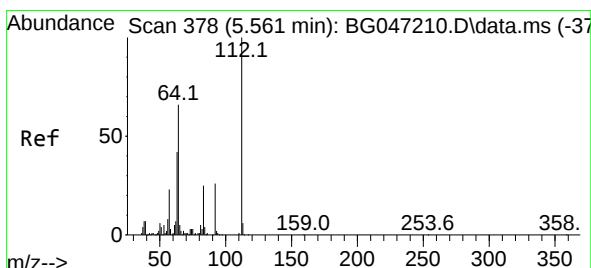
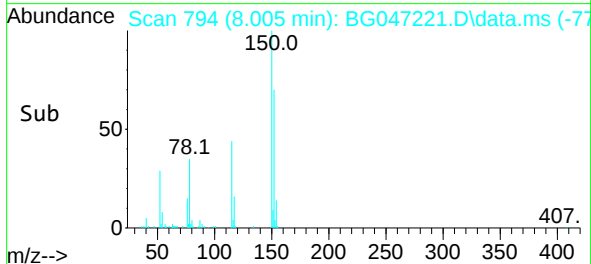
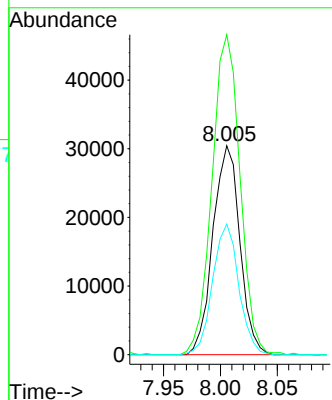
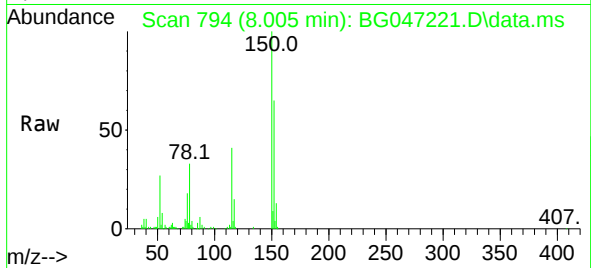




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.005 min Scan# 794
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

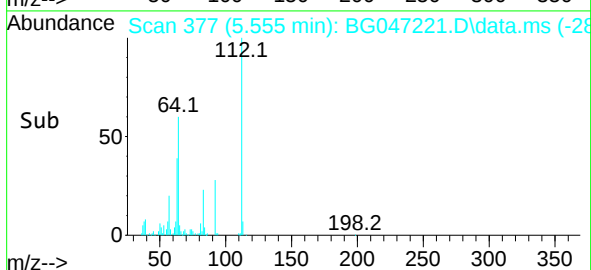
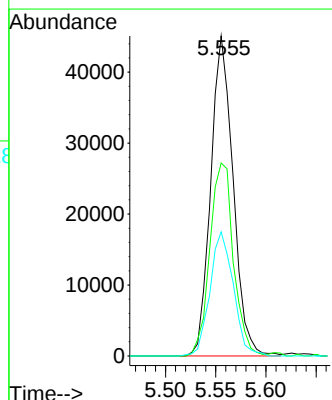
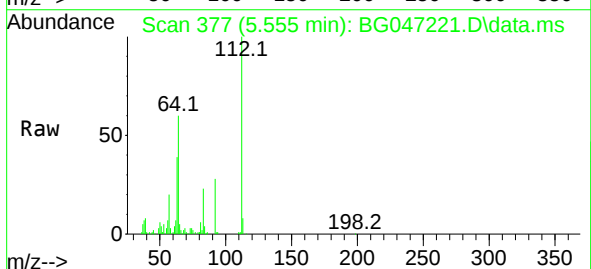
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

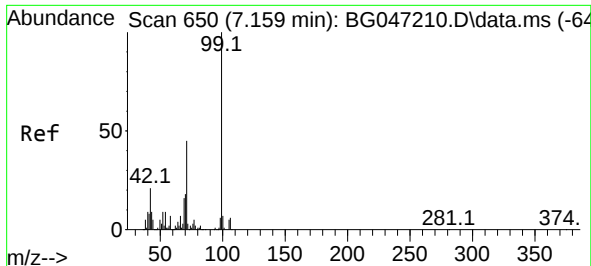
Tgt Ion:152 Resp: 50162
Ion Ratio Lower Upper
152 100
150 153.1 125.0 187.6
115 62.6 41.8 62.6



#5
2-Fluorophenol
Concen: 22.58 ng
RT: 5.555 min Scan# 377
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:112 Resp: 69881
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 38.8 22.8 34.2#

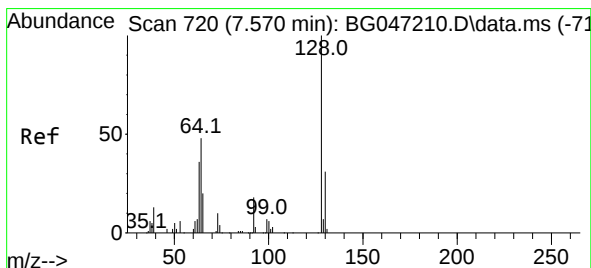
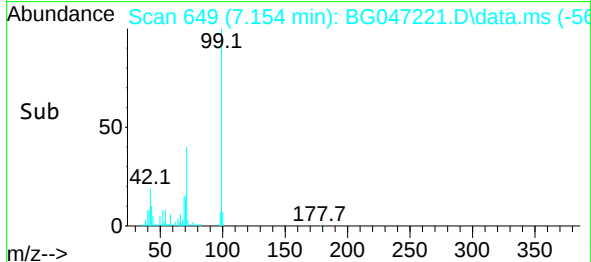
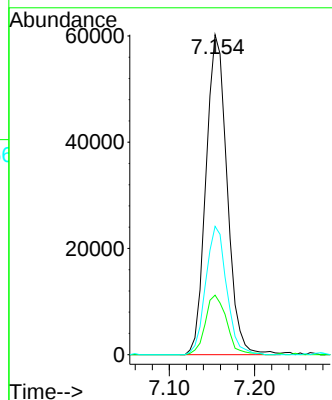
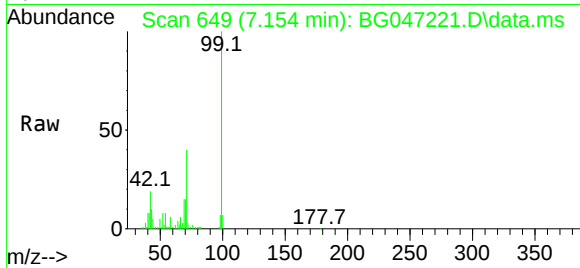




#7
Phenol-d6
Concen: 23.13 ng
RT: 7.154 min Scan# 649
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

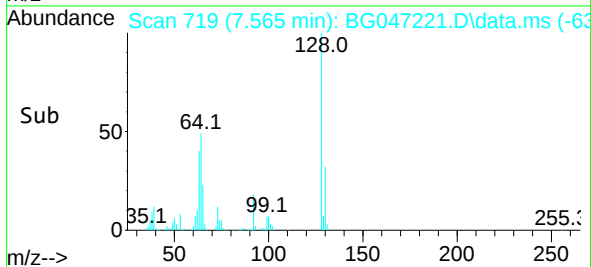
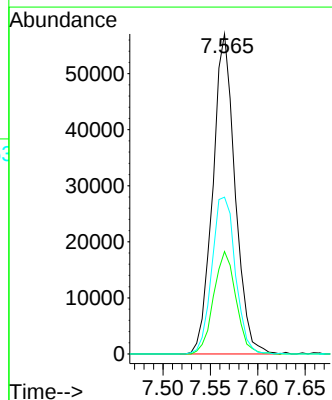
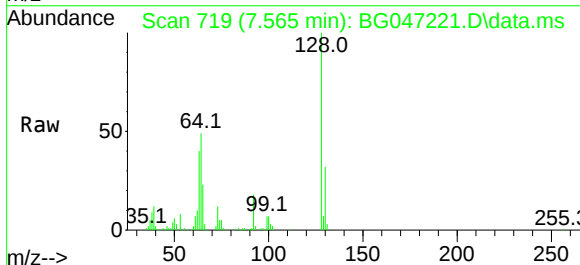
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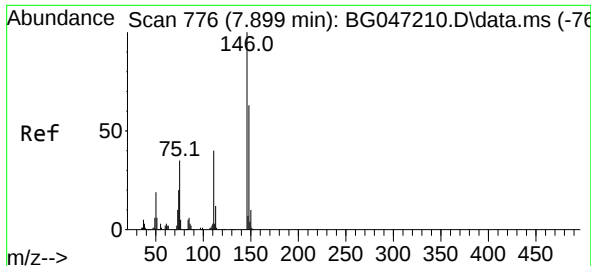
Tgt Ion: 99 Resp: 103610
Ion Ratio Lower Upper
99 100
42 18.6 12.8 19.2
71 40.1 24.6 36.8#



#8
2-Chlorophenol
Concen: 28.39 ng
RT: 7.565 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:128 Resp: 93268
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 49.0 24.8 64.8





#12

1,3-Dichlorobenzene

Concen: 23.74 ng

RT: 7.894 min Scan# 775

Delta R.T. -0.005 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

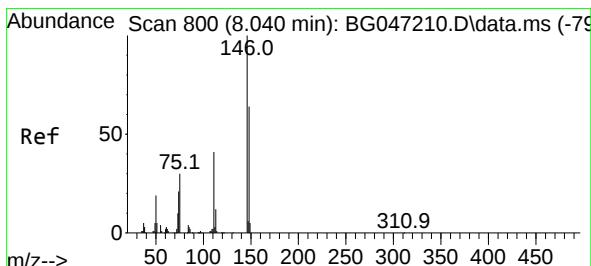
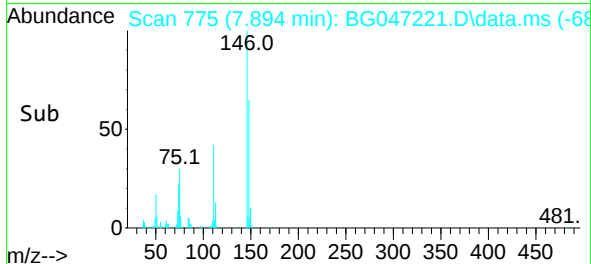
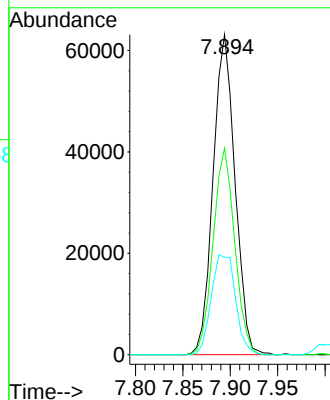
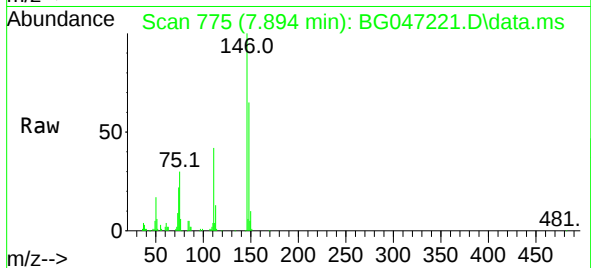
Tgt Ion:146 Resp: 101517

Ion Ratio Lower Upper

146 100

148 64.5 50.1 75.1

75 30.5 20.1 30.1#



#13

1,4-Dichlorobenzene

Concen: 23.64 ng

RT: 7.894 min Scan# 775

Delta R.T. -0.146 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

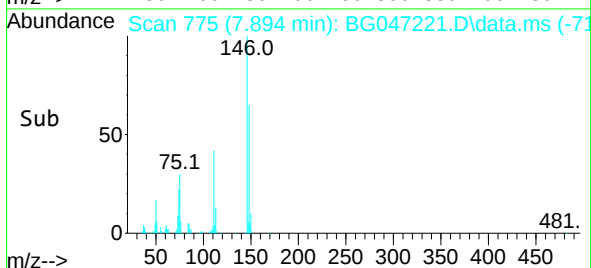
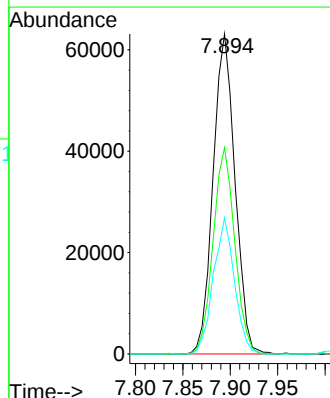
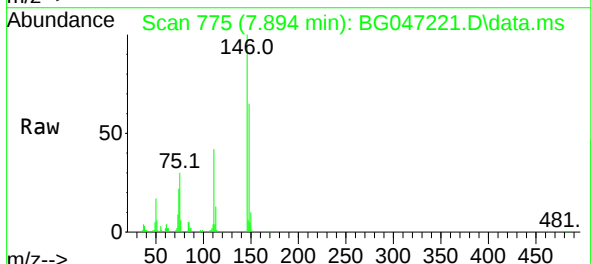
Tgt Ion:146 Resp: 101517

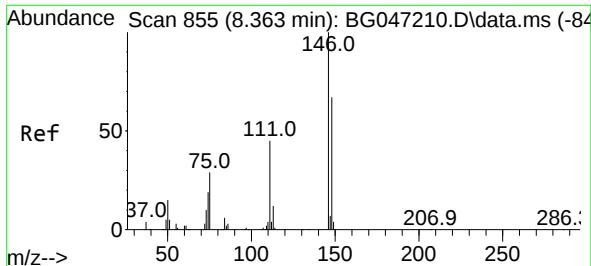
Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

111 42.5 29.7 44.5

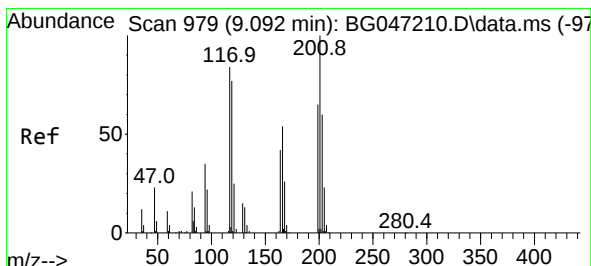
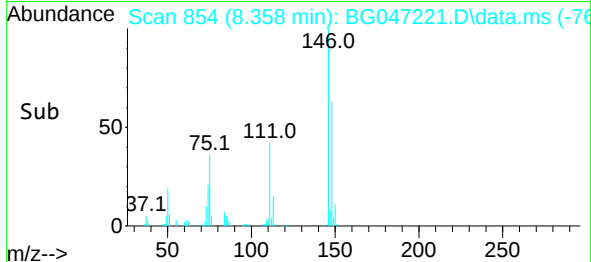
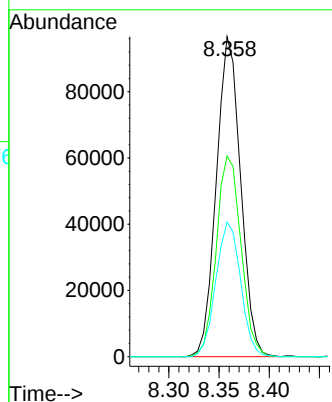
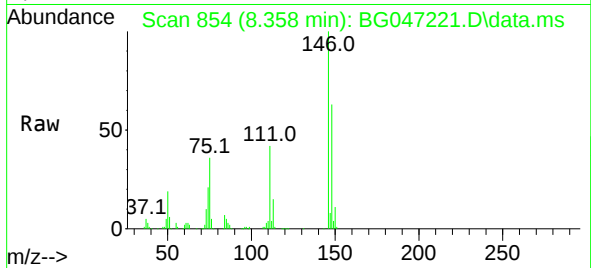




#14
1,2-Dichlorobenzene
Concen: 39.85 ng
RT: 8.358 min Scan# 854
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

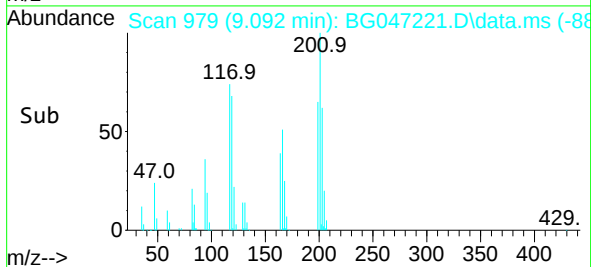
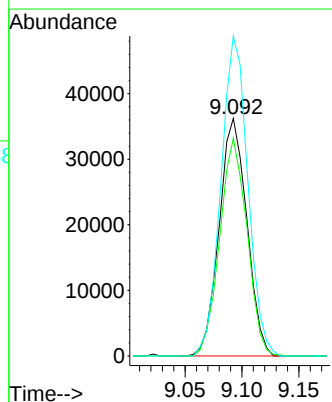
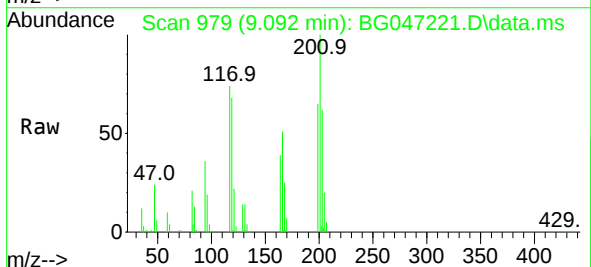
Instrument :
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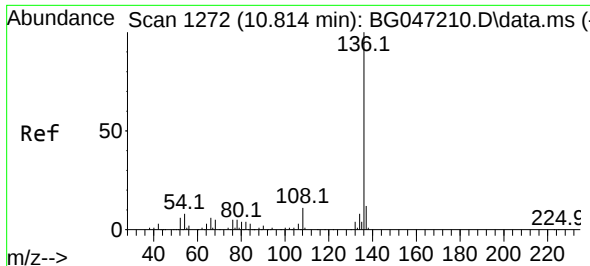
Tgt Ion:146 Resp: 162301
Ion Ratio Lower Upper
146 100
148 62.7 53.0 79.6
111 42.1 30.7 46.1



#18
Hexachloroethane
Concen: 38.96 ng
RT: 9.092 min Scan# 979
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

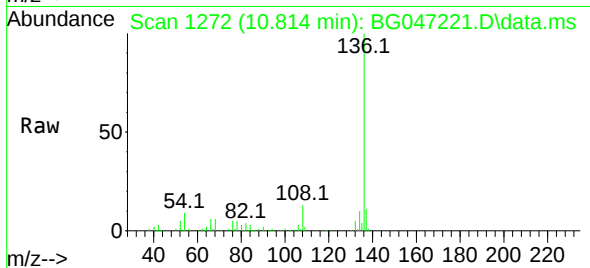
Tgt Ion:117 Resp: 61262
Ion Ratio Lower Upper
117 100
119 91.7 77.5 116.3
201 134.7 104.9 157.3



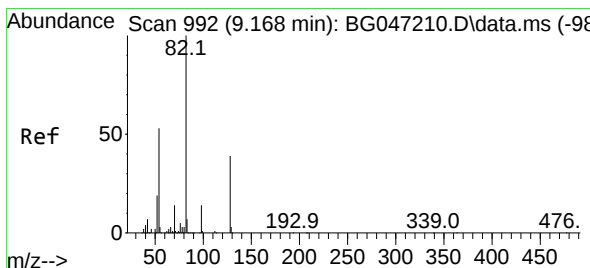
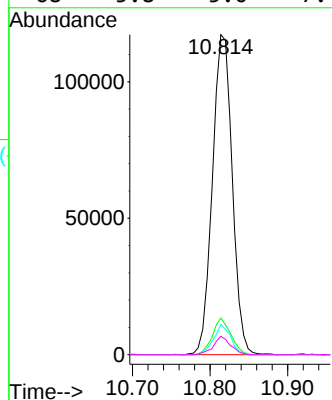


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.814 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Instrument :
BNA_G
ClientSampleId :
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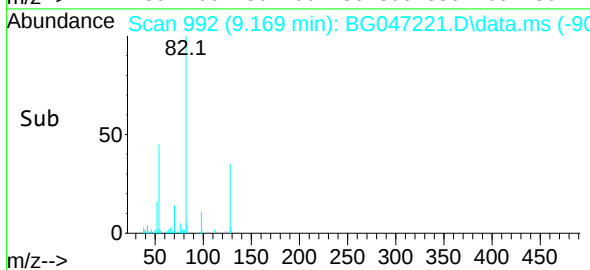
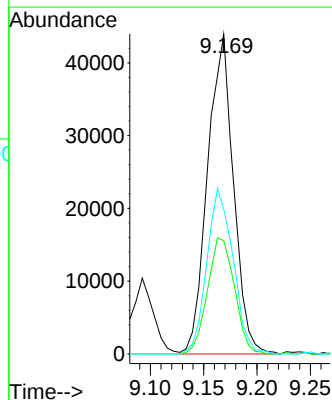
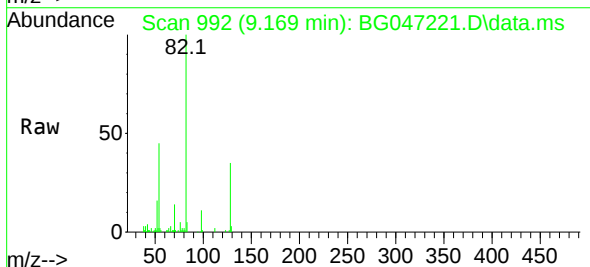


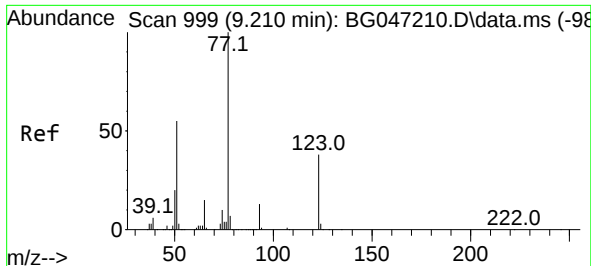
Tgt Ion:	136	Resp:	208869
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	9.4	6.2	9.4#
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 15.25 ng
RT: 9.169 min Scan# 992
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:	82	Resp:	74226
Ion Ratio	Lower	Upper	
82	100		
128	35.4	37.0	55.6#
54	45.4	39.0	58.4

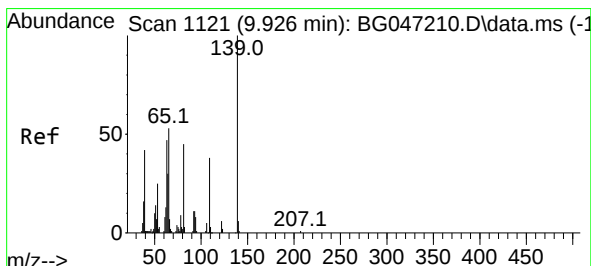
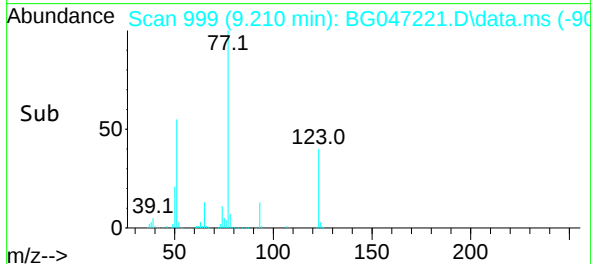
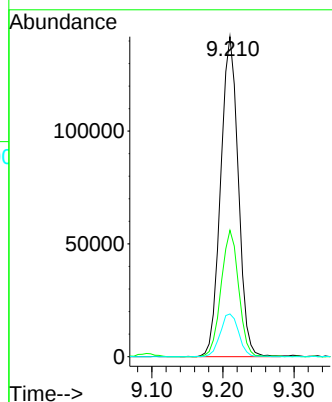
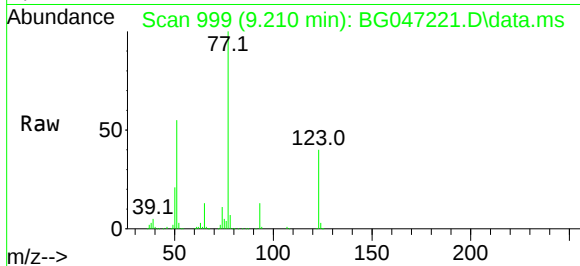




#24
Nitrobenzene
Concen: 49.16 ng
RT: 9.210 min Scan# 999
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

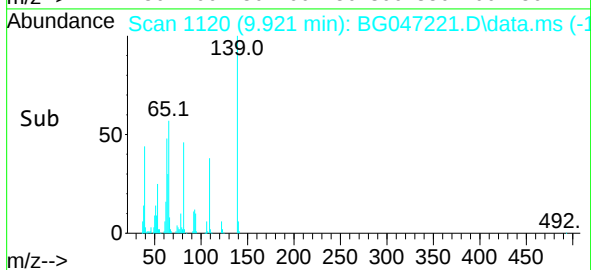
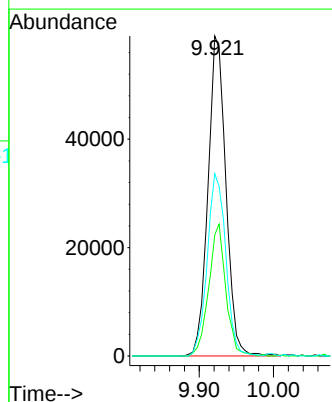
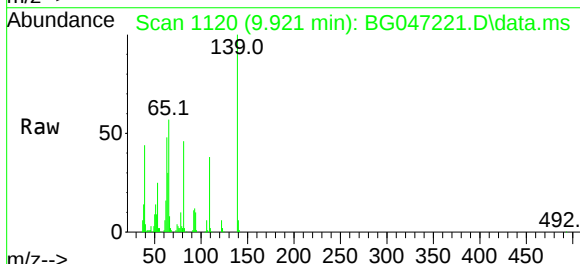
Instrument :
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ClientSampleId :
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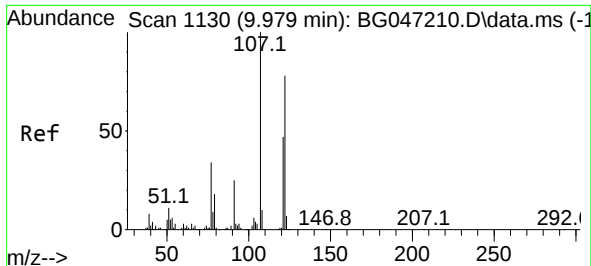
Tgt Ion: 77 Resp: 243483
Ion Ratio Lower Upper
77 100
123 39.5 39.7 59.5#
65 13.3 10.4 15.6



#26
2-Nitrophenol
Concen: 46.41 ng
RT: 9.921 min Scan# 1120
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:139 Resp: 99127
Ion Ratio Lower Upper
139 100
109 37.8 20.7 31.1#
65 56.9 36.1 54.1#

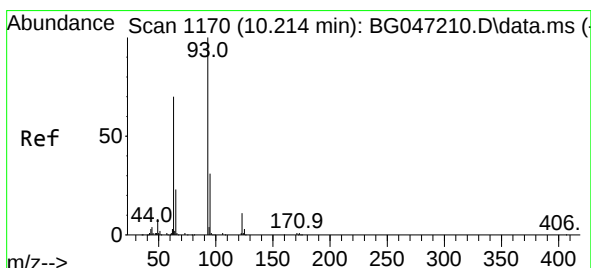
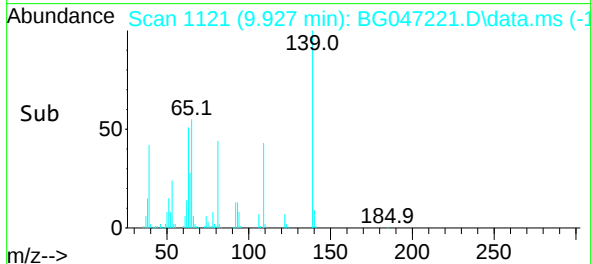
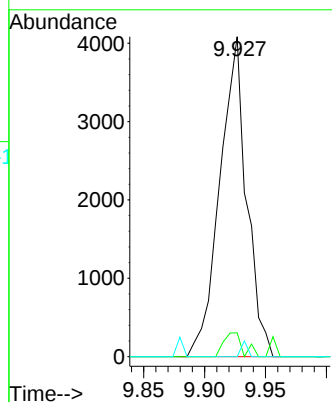
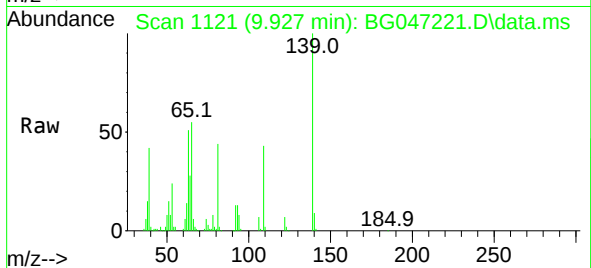




#27
2,4-Dimethylphenol
Concen: 2.18 ng
RT: 9.927 min Scan# 1121
Delta R.T. -0.052 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

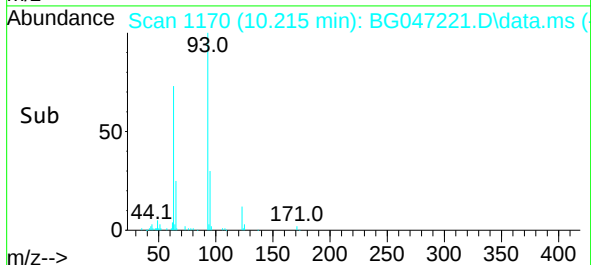
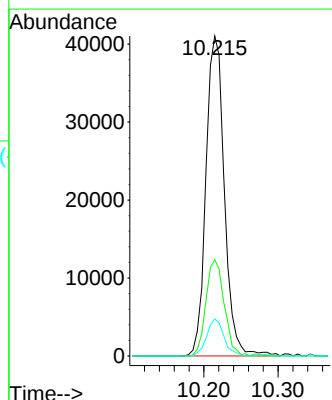
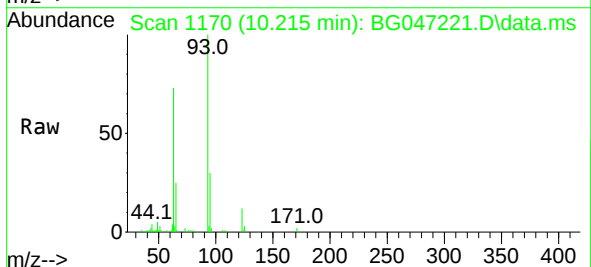
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

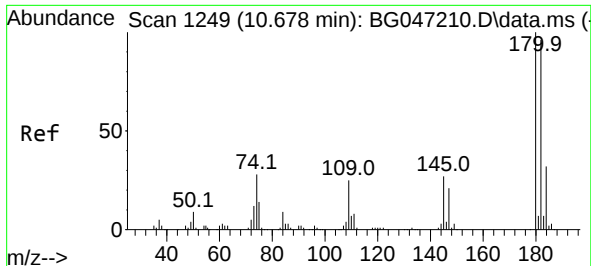
Tgt Ion:122 Resp: 6240
Ion Ratio Lower Upper
122 100
107 7.4 89.2 133.8#
121 0.0 46.9 70.3#



#28
bis(2-Chloroethoxy)methane
Concen: 14.08 ng
RT: 10.215 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion: 93 Resp: 71060
Ion Ratio Lower Upper
93 100
95 30.1 26.5 39.7
123 11.6 9.4 14.0

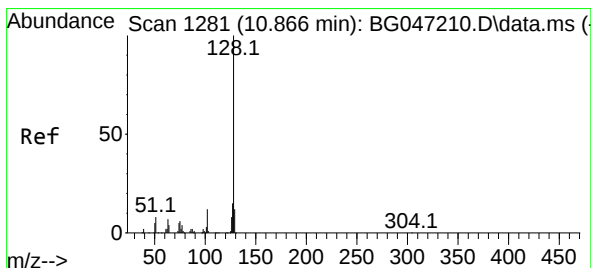
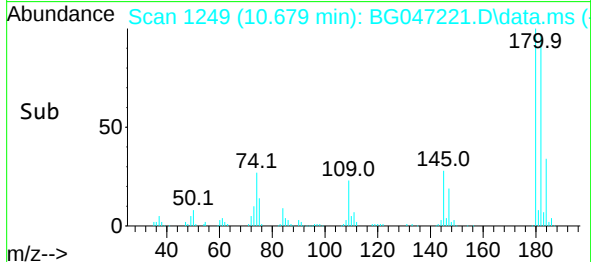
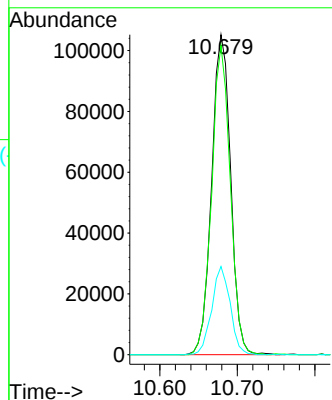
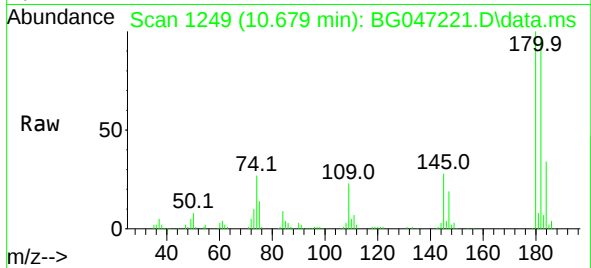




#30
1,2,4-Trichlorobenzene
Concen: 36.63 ng
RT: 10.679 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

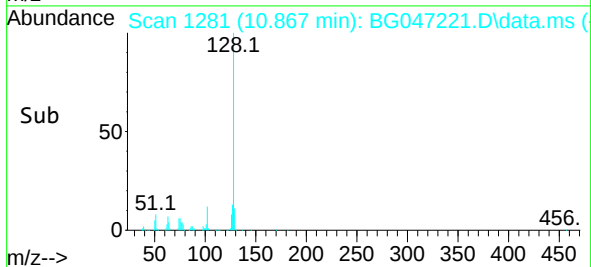
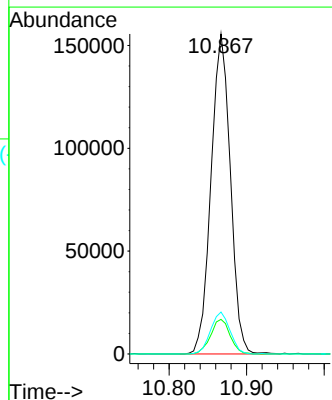
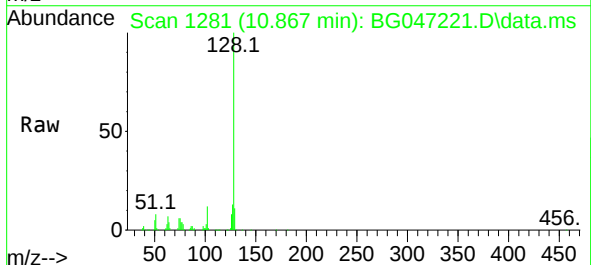
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

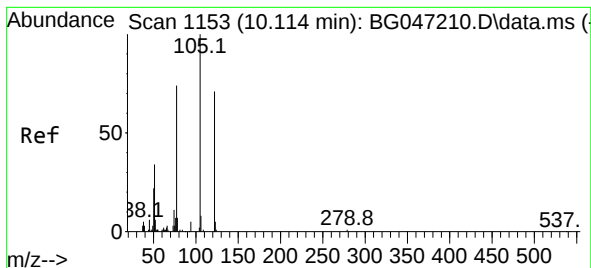
Tgt Ion:180 Resp: 178947
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 27.5 21.4 32.0



#31
Naphthalene
Concen: 22.51 ng
RT: 10.867 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:128 Resp: 269228
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 11.0 16.4

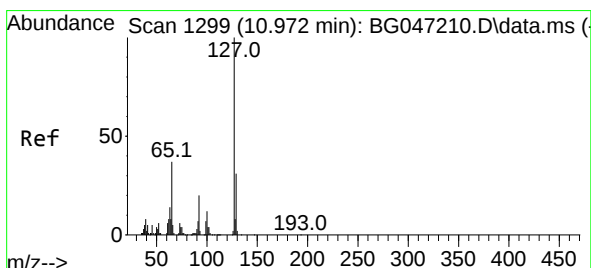
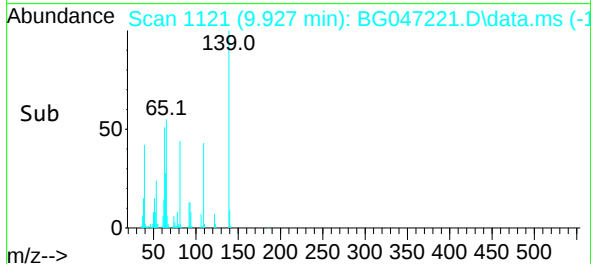
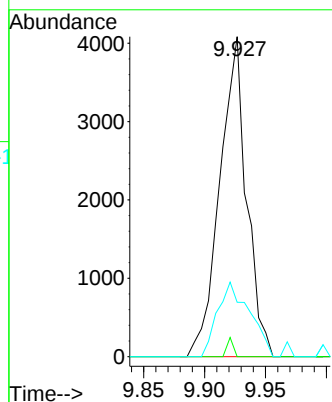
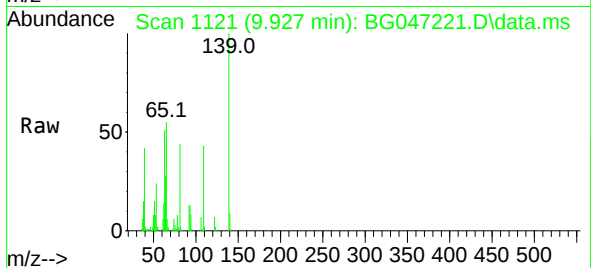




#32
Benzoic acid
Concen: 6.97 ng
RT: 9.927 min Scan# 1121
Delta R.T. -0.187 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

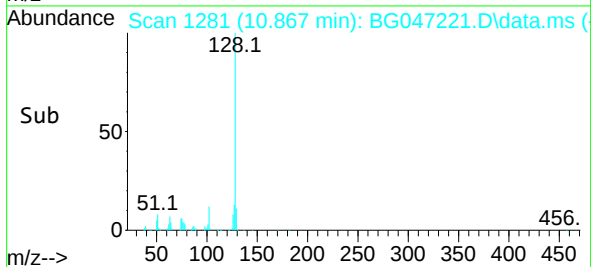
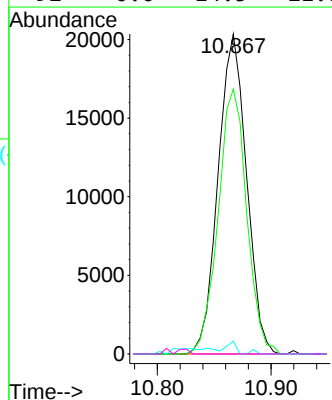
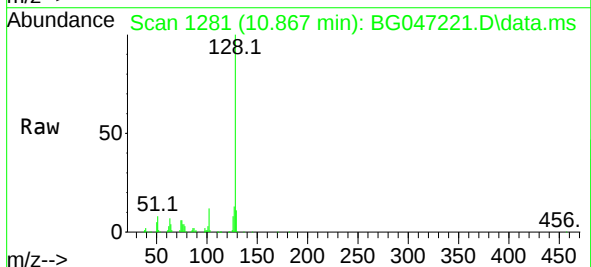
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

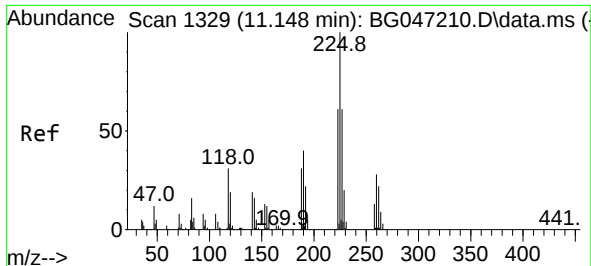
Tgt Ion:122 Resp: 6240
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 17.0 63.0 103.0#



#33
4-Chloroaniline
Concen: 7.02 ng
RT: 10.867 min Scan# 1281
Delta R.T. -0.105 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:127 Resp: 35326
Ion Ratio Lower Upper
127 100
129 82.7 26.8 40.2#
65 4.0 23.8 35.6#
92 0.0 14.5 21.7#

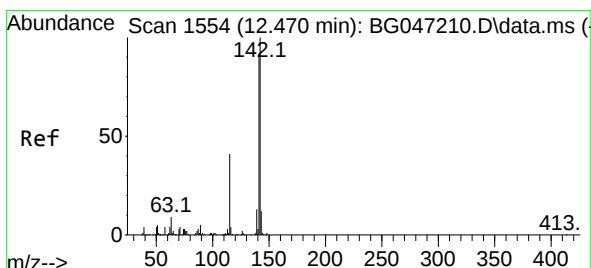
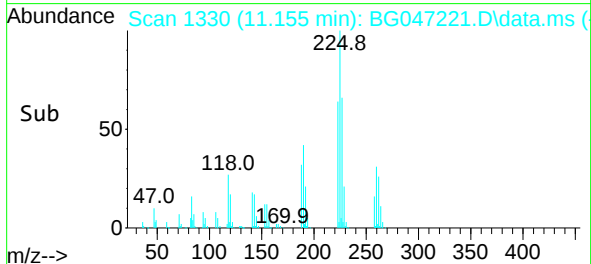
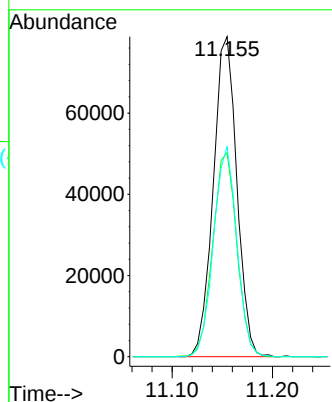
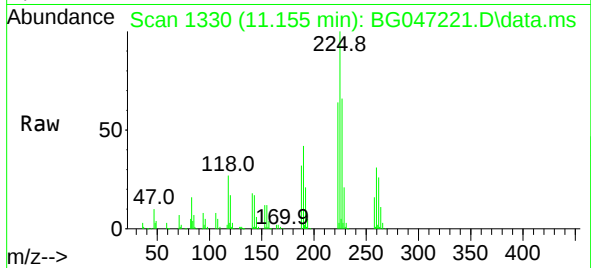




#34
Hexachlorobutadiene
Concen: 34.79 ng
RT: 11.155 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

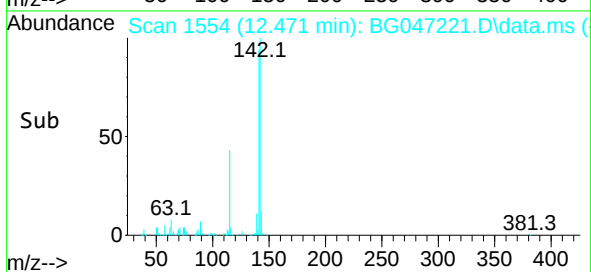
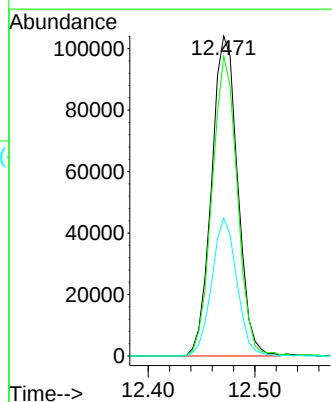
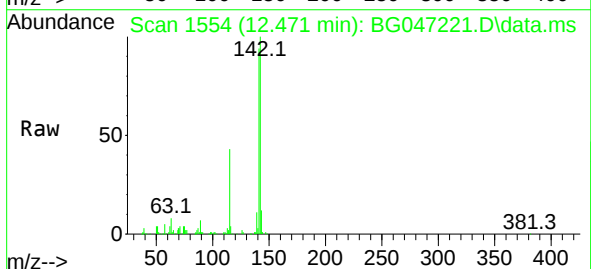
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

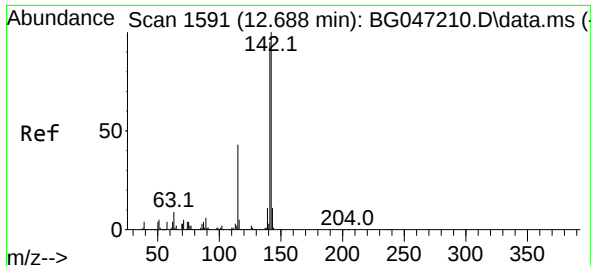
Tgt Ion:225 Resp: 128582
Ion Ratio Lower Upper
225 100
223 63.8 49.5 74.3
227 65.6 52.0 78.0



#37
2-Methylnaphthalene
Concen: 19.64 ng
RT: 12.471 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:142 Resp: 176475
Ion Ratio Lower Upper
142 100
141 93.8 71.6 107.4
115 43.0 25.4 38.2#

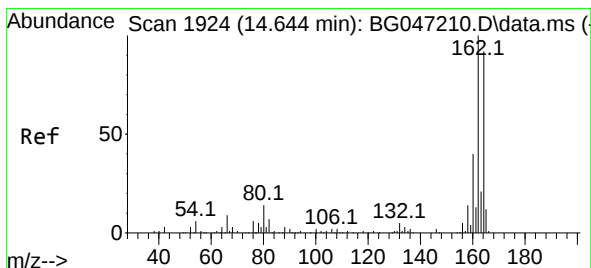
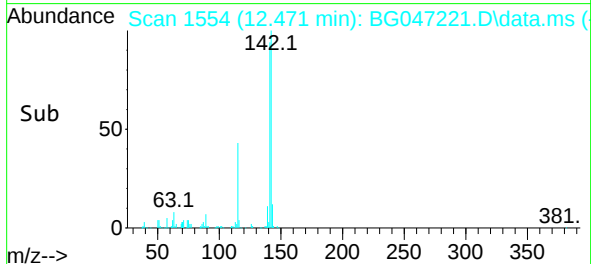
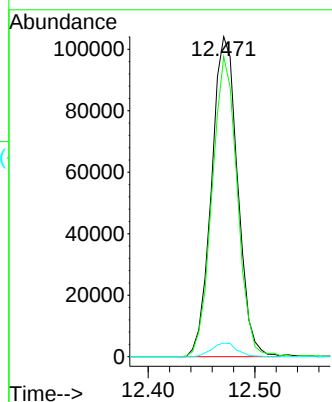
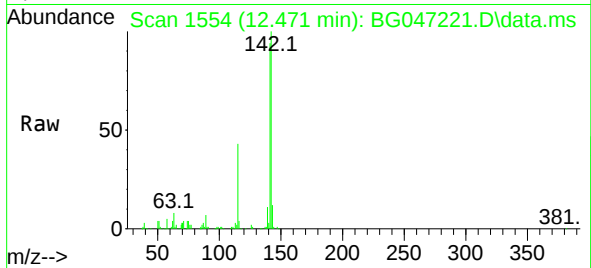




#38
1-Methylnaphthalene
Concen: 20.66 ng
RT: 12.471 min Scan# 1554
Delta R.T. -0.217 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

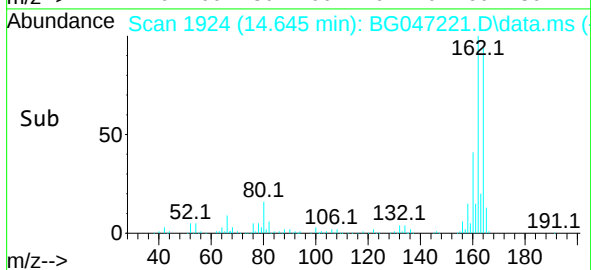
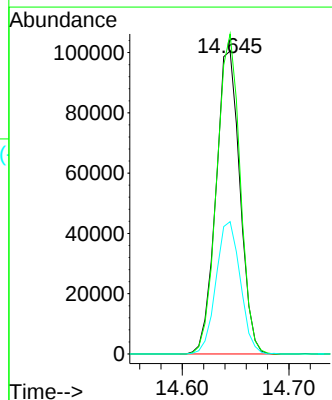
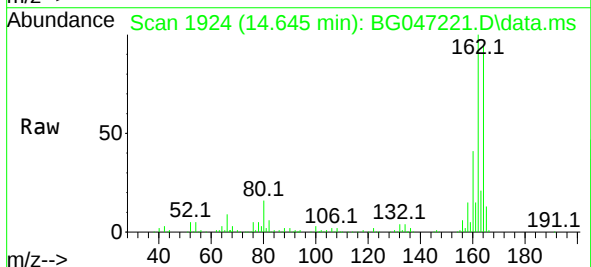
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

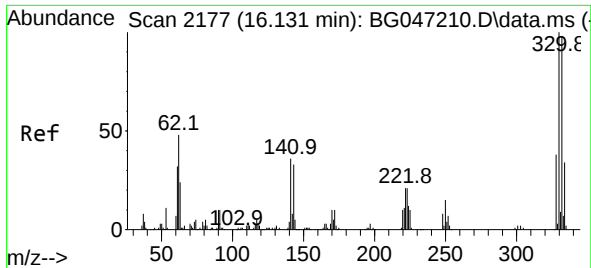
Tgt Ion:142 Resp: 176475
Ion Ratio Lower Upper
142 100
141 93.8 75.4 113.2
116 4.2 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:164 Resp: 157073
Ion Ratio Lower Upper
164 100
162 105.7 82.3 123.5
160 43.7 35.3 52.9

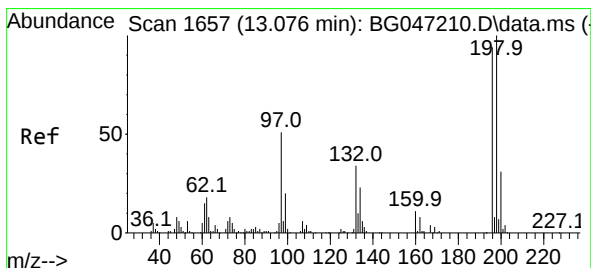
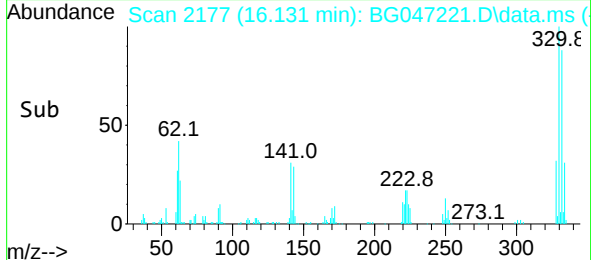
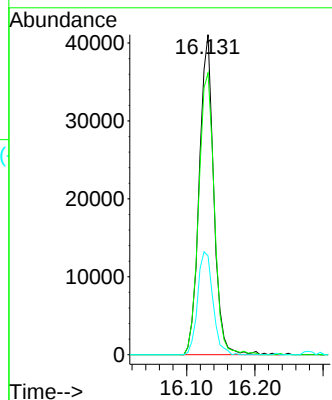
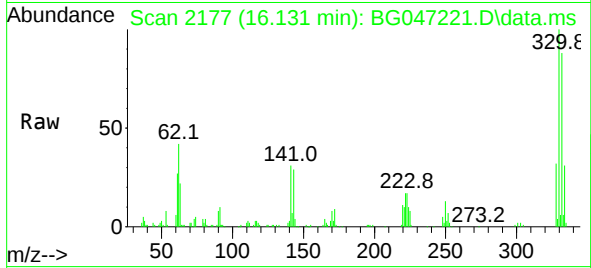




#42
2,4,6-Tribromophenol
Concen: 23.00 ng
RT: 16.131 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

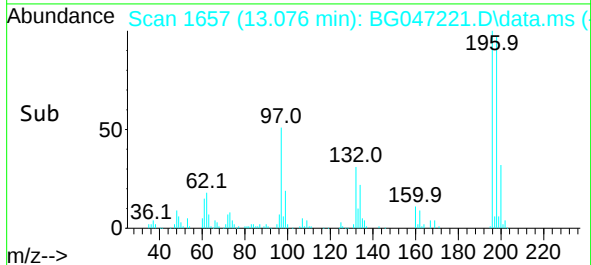
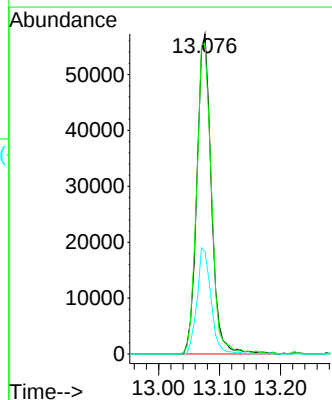
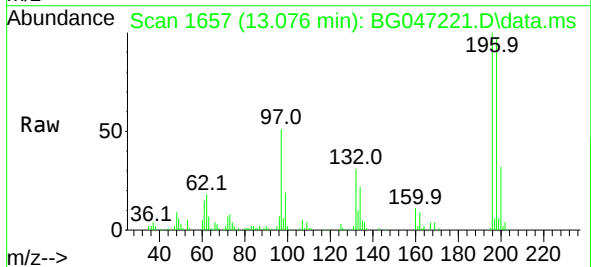
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

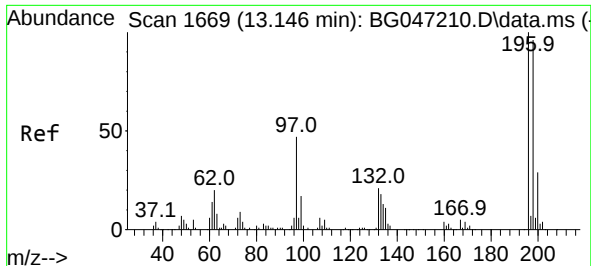
Tgt Ion:330 Resp: 60496
Ion Ratio Lower Upper
330 100
332 94.5 76.5 114.7
141 33.9 26.0 39.0



#43
2,4,6-Trichlorophenol
Concen: 23.42 ng
RT: 13.076 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:196 Resp: 94417
Ion Ratio Lower Upper
196 100
198 97.1 74.9 112.3
200 32.1 25.3 37.9

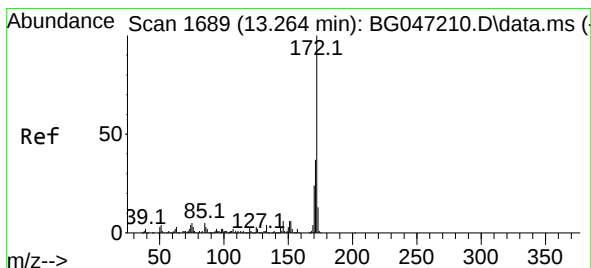
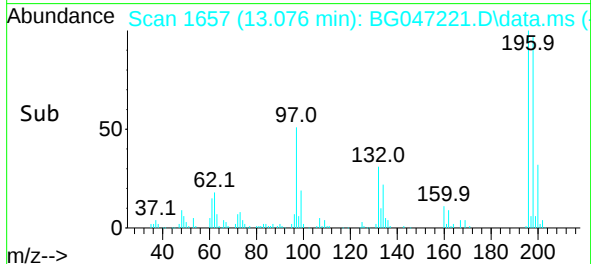
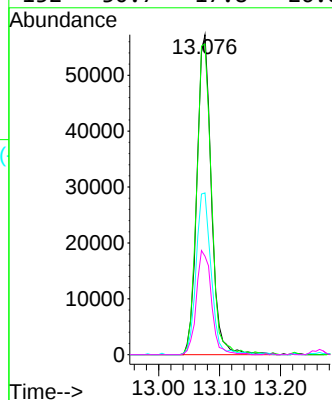
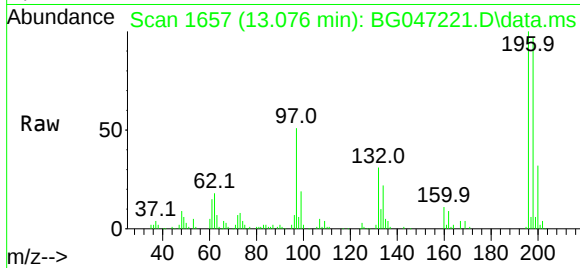




#44
2,4,5-Trichlorophenol
Concen: 23.06 ng
RT: 13.076 min Scan# 1657
Delta R.T. -0.070 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

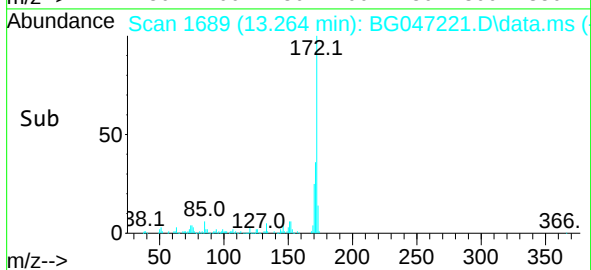
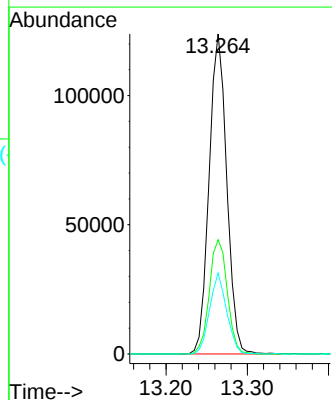
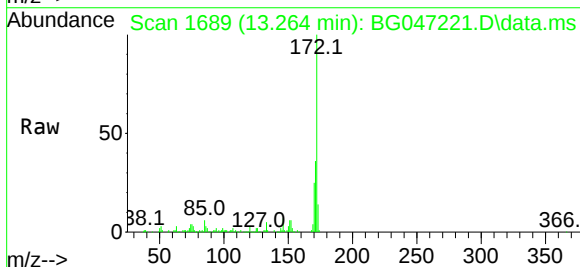
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

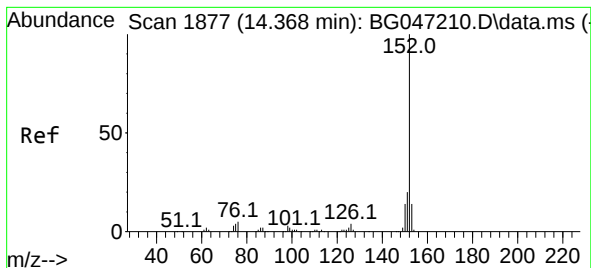
Tgt Ion:196	Resp:	94417
Ion Ratio	Lower	Upper
196	100	
198	97.1	77.6 116.4
97	50.5	28.6 43.0#
132	30.7	17.8 26.8#



#45
2-Fluorobiphenyl
Concen: 15.25 ng
RT: 13.264 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:172	Resp:	186721
Ion Ratio	Lower	Upper
172	100	
171	35.7	31.3 46.9
170	25.3	20.8 31.2





#49

Acenaphthylene

Concen: 32.28 ng

RT: 14.363 min Scan# 1876

Delta R.T. -0.005 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

Tgt Ion:152 Resp: 495303

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

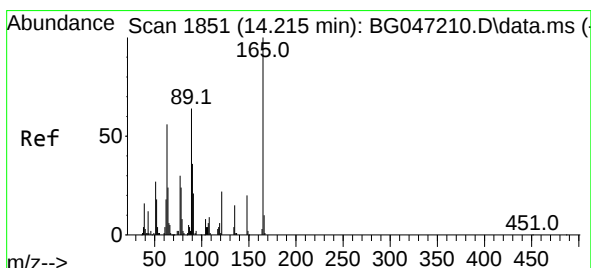
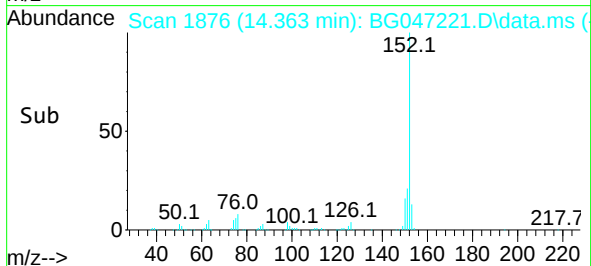
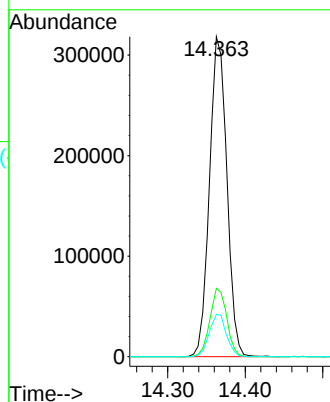
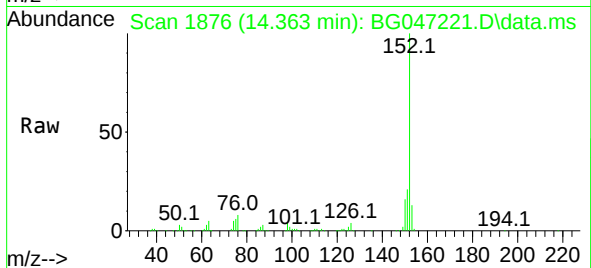
153 13.3 11.5 17.3

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL



#51

2,6-Dinitrotoluene

Concen: 24.58 ng

RT: 14.210 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

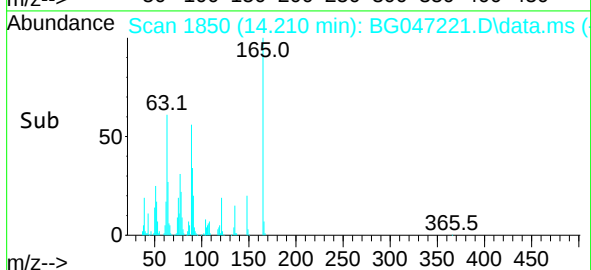
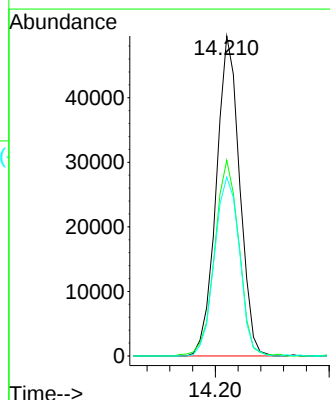
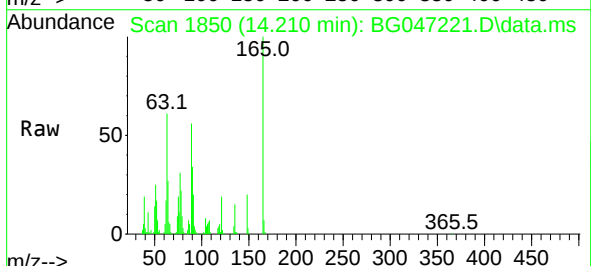
Tgt Ion:165 Resp: 70714

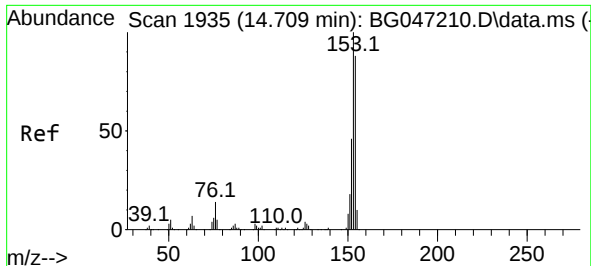
Ion Ratio Lower Upper

165 100

63 61.2 33.7 50.5#

89 55.9 36.6 54.8#

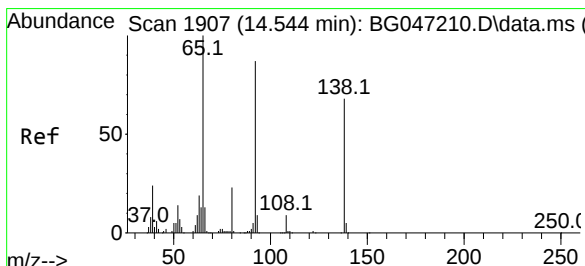
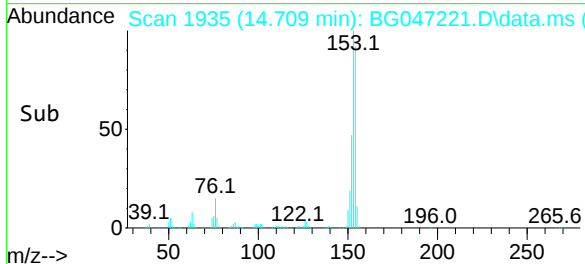
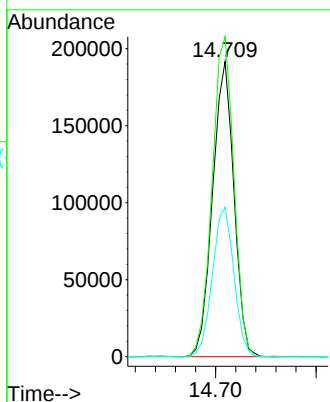
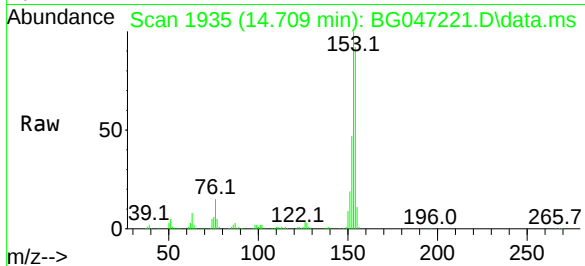




#52
Acenaphthene
Concen: 28.83 ng
RT: 14.709 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

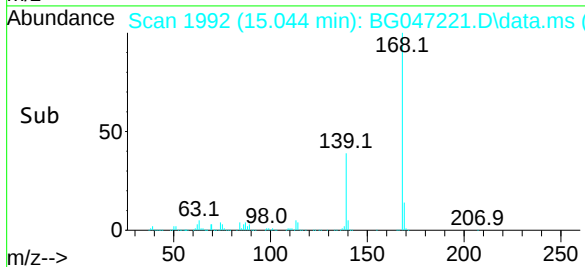
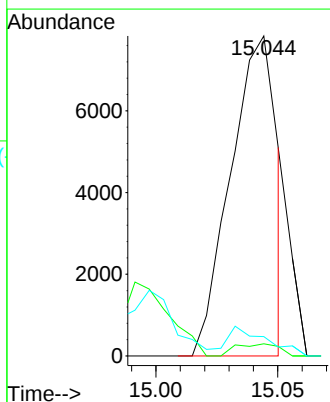
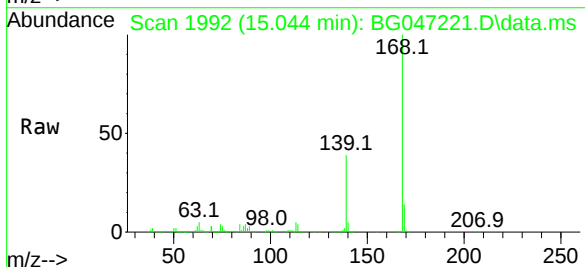
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

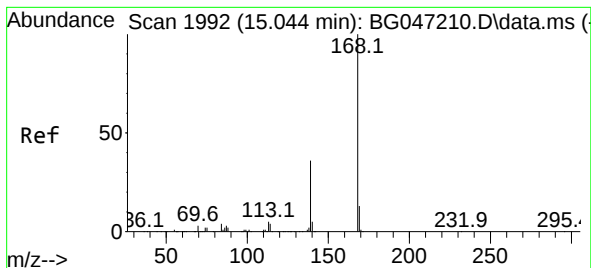
Tgt Ion:154 Resp: 282731
Ion Ratio Lower Upper
154 100
153 108.4 90.3 135.5
152 50.6 43.8 65.8



#53
3-Nitroaniline
Concen: 3.63 ng
RT: 15.044 min Scan# 1992
Delta R.T. 0.500 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:138 Resp: 10390
Ion Ratio Lower Upper
138 100
108 3.8 7.4 11.0#
92 6.1 85.2 127.8#

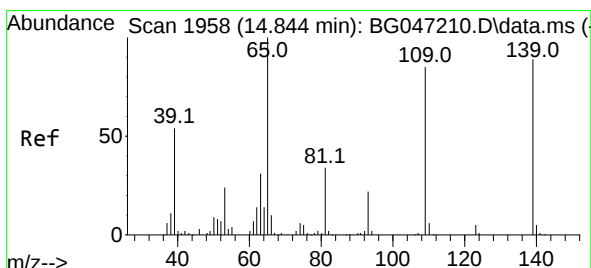
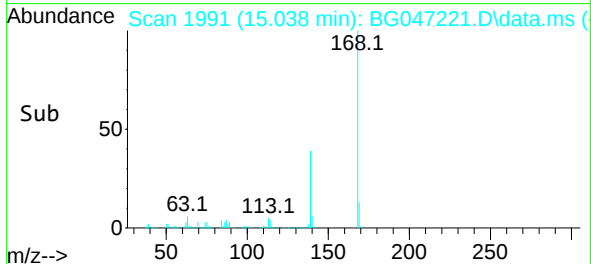
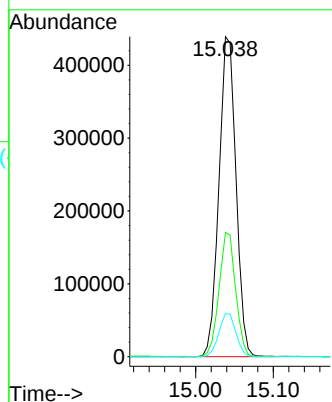
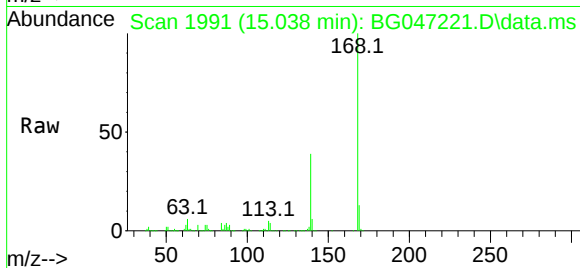




#55
Dibenzenofuran
Concen: 41.52 ng
RT: 15.038 min Scan# 1991
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

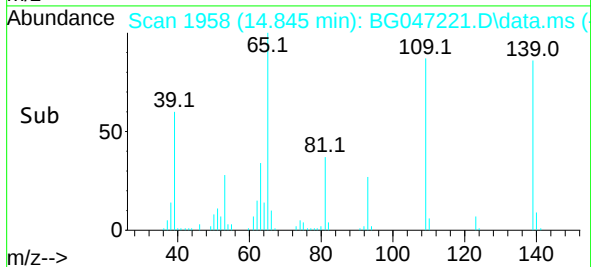
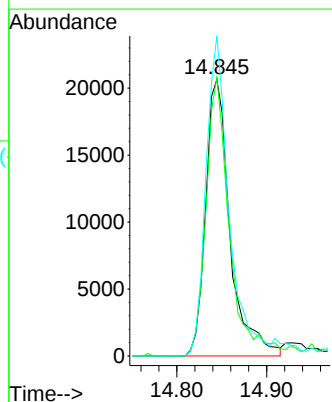
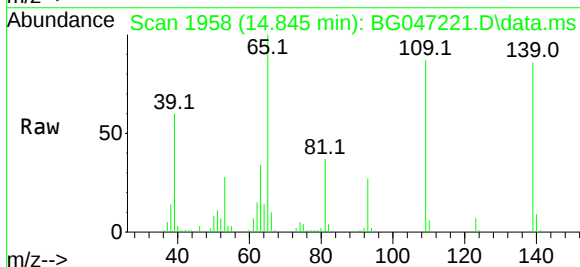
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

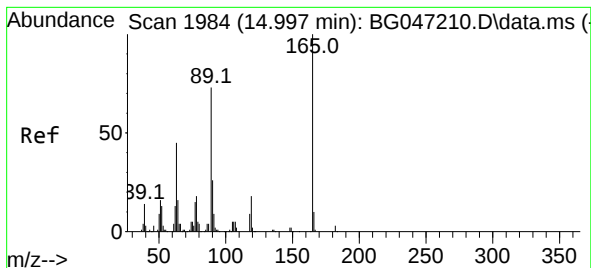
Tgt Ion:168 Resp: 669615
Ion Ratio Lower Upper
168 100
139 38.8 28.6 43.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 17.58 ng
RT: 14.845 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:139 Resp: 38989
Ion Ratio Lower Upper
139 100
109 100.7 45.9 85.9#
65 115.6 65.4 105.4#

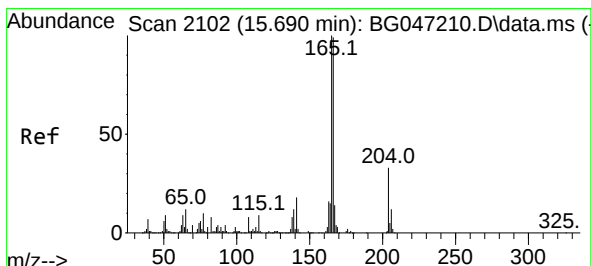
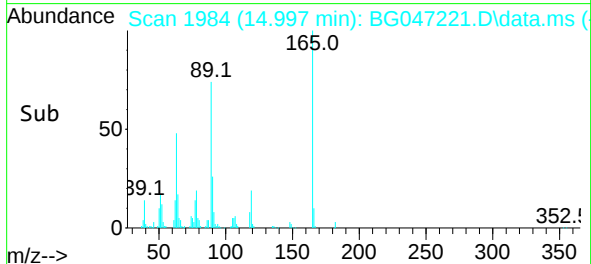
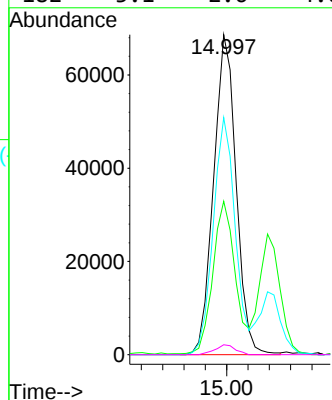
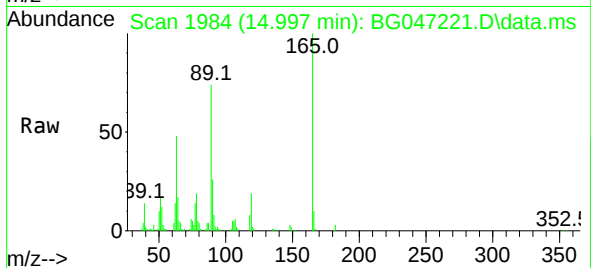




#57
2,4-Dinitrotoluene
Concen: 23.93 ng
RT: 14.997 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

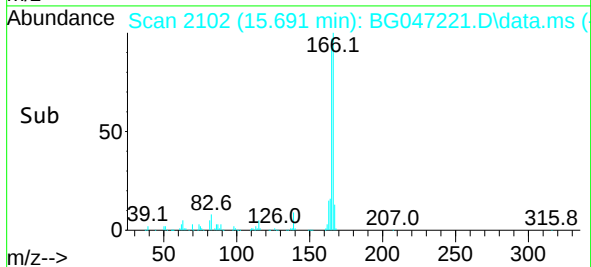
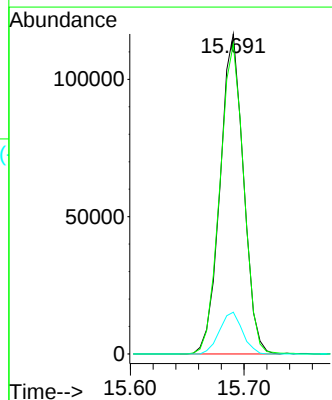
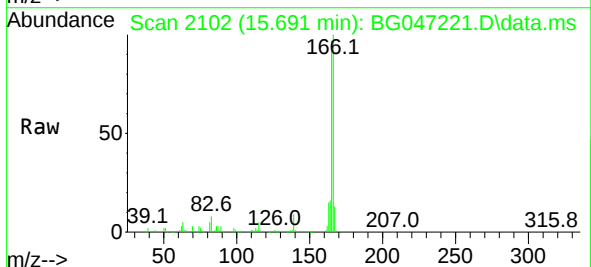
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

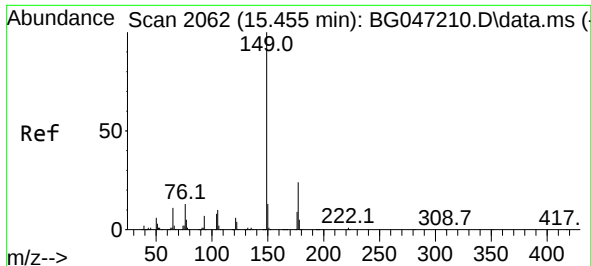
Tgt Ion:165 Resp: 100519
Ion Ratio Lower Upper
165 100
63 48.0 26.4 39.6#
89 74.1 47.8 71.8#
182 3.1 2.6 4.0



#58
Fluorene
Concen: 12.83 ng
RT: 15.691 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

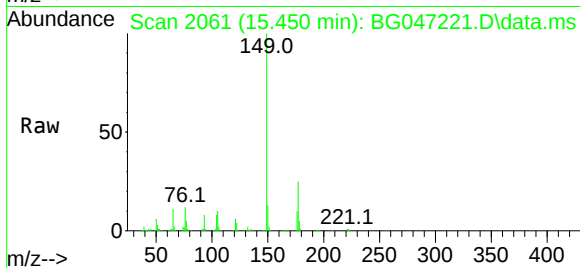
Tgt Ion:166 Resp: 166332
Ion Ratio Lower Upper
166 100
165 96.8 77.2 115.8
167 13.1 11.4 17.2



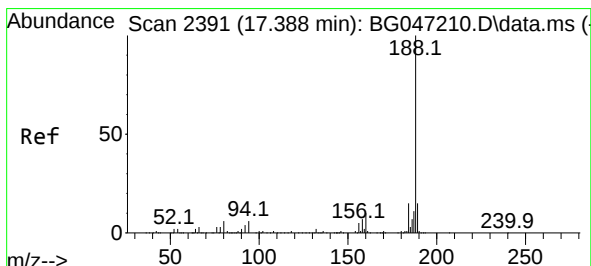
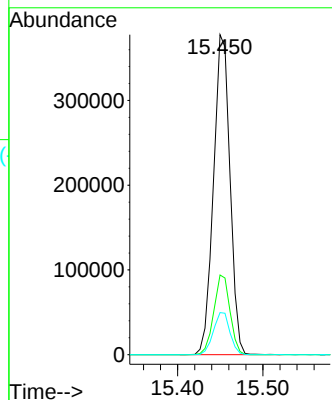
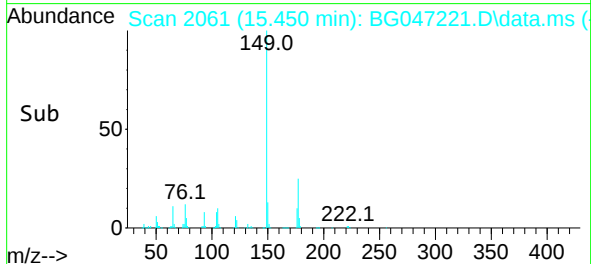


#60
Diethylphthalate
Concen: 37.00 ng
RT: 15.450 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

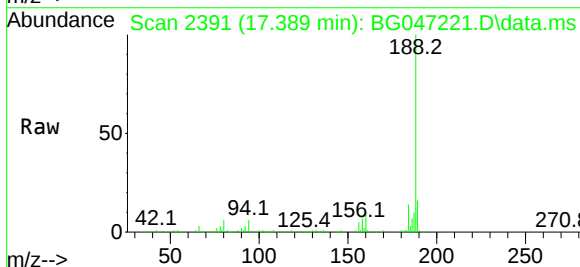
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD



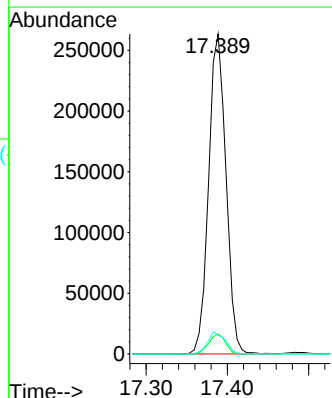
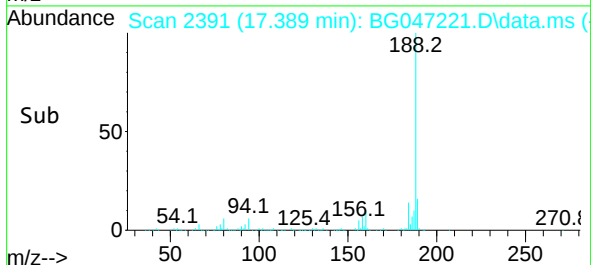
Tgt Ion:149 Resp: 506965
Ion Ratio Lower Upper
149 100
177 24.9 21.4 32.2
150 13.1 10.7 16.1

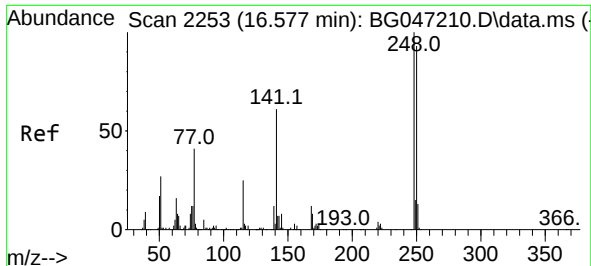


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.389 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30



Tgt Ion:188 Resp: 390049
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5#
80 5.8 7.0 10.6#

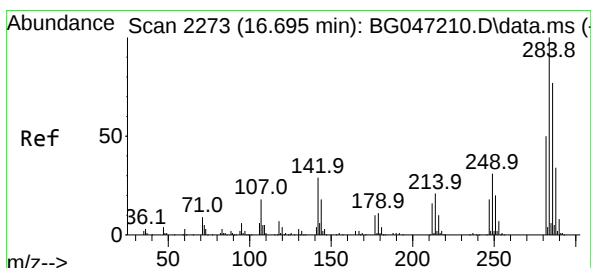
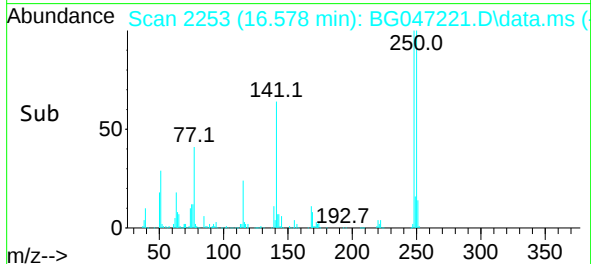
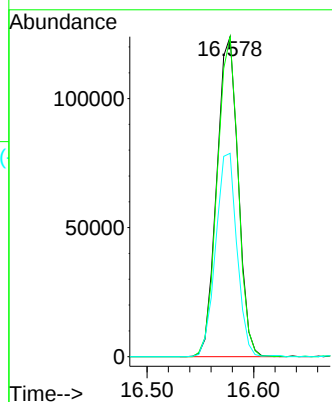
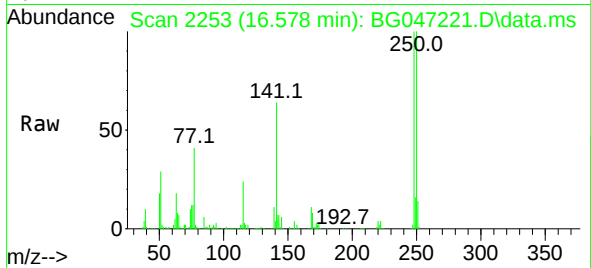




#67
4-Bromophenyl-phenylether
Concen: 31.64 ng
RT: 16.578 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

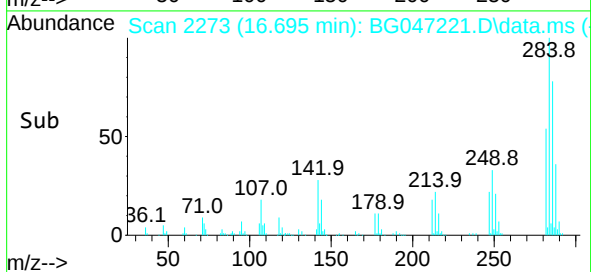
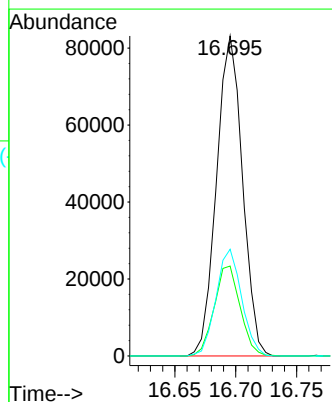
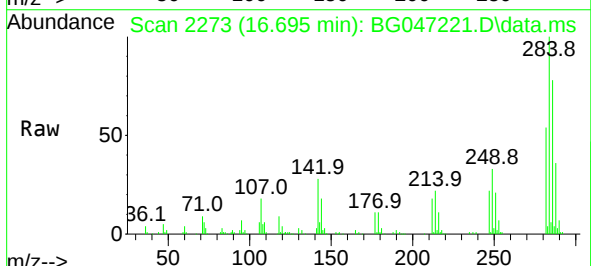
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

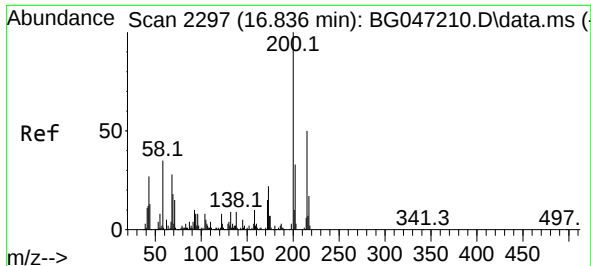
Tgt Ion:248 Resp: 172354
Ion Ratio Lower Upper
248 100
250 99.9 78.9 118.3
141 63.5 46.2 69.4



#68
Hexachlorobenzene
Concen: 20.83 ng
RT: 16.695 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:284 Resp: 123278
Ion Ratio Lower Upper
284 100
142 28.1 21.1 31.7
249 33.4 25.9 38.9

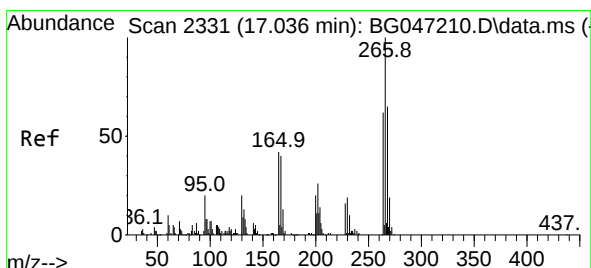
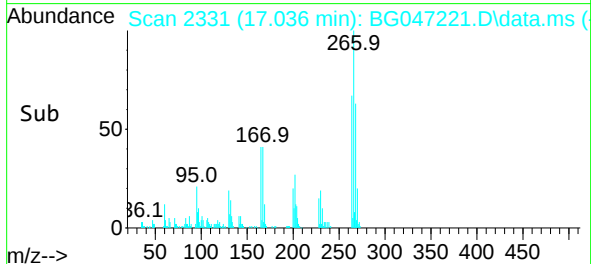
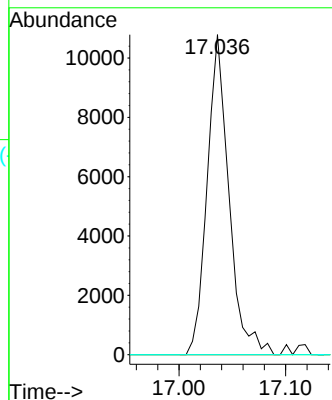
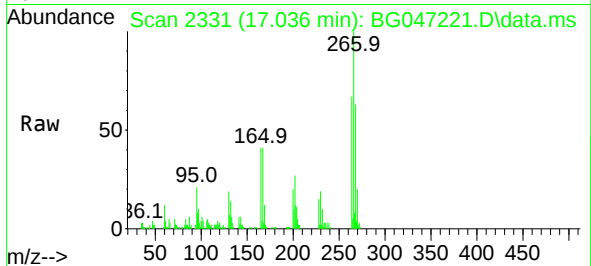




#69
 Atrazine
 Concen: 2.99 ng
 RT: 17.036 min Scan# 2331
 Delta R.T. 0.200 min
 Lab File: BG047221.D
 Acq: 5 Nov 2020 12:30

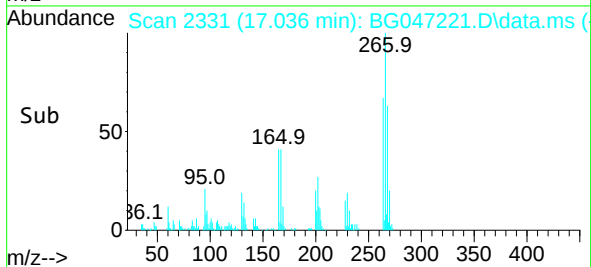
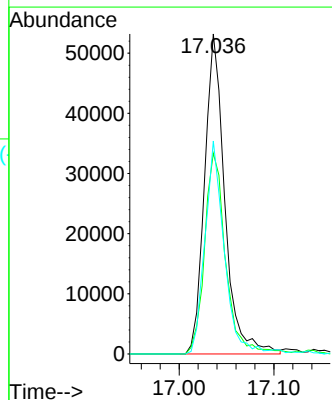
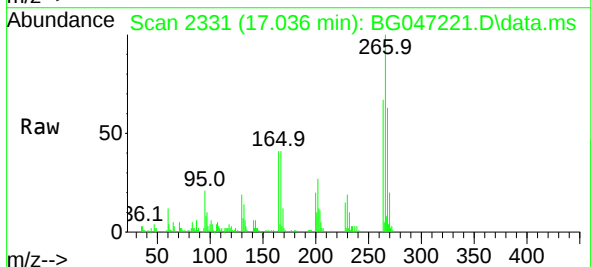
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILDL

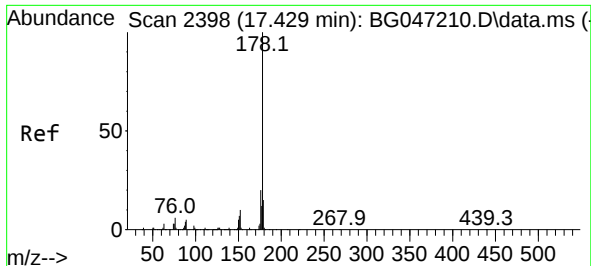
Tgt Ion:200 Resp: 15320
 Ion Ratio Lower Upper
 200 100
 173 0.0 4.2 44.2#
 215 0.0 30.0 70.0#



#70
 Pentachlorophenol
 Concen: 24.42 ng
 RT: 17.036 min Scan# 2331
 Delta R.T. 0.000 min
 Lab File: BG047221.D
 Acq: 5 Nov 2020 12:30

Tgt Ion:266 Resp: 78750
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.8 74.6
 264 66.6 49.3 73.9

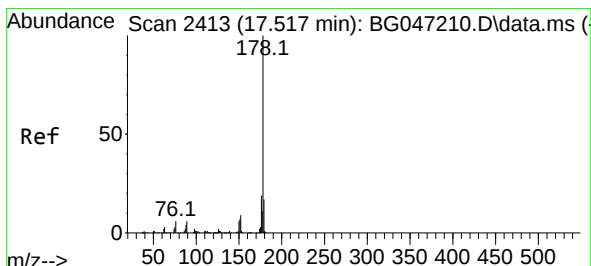
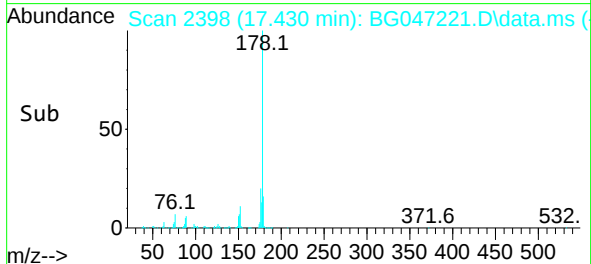
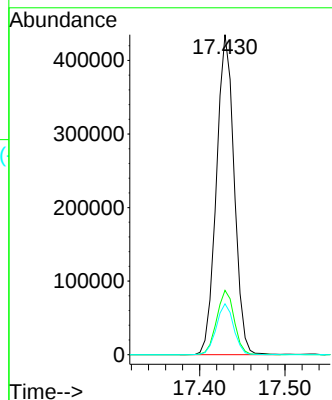
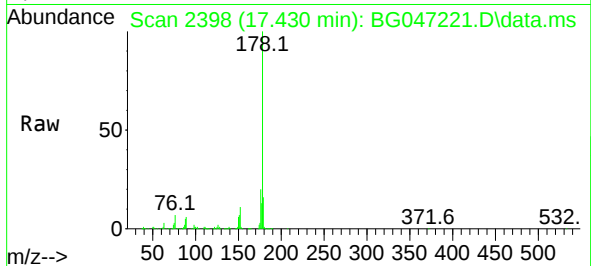




#71
Phenanthrene
Concen: 27.78 ng
RT: 17.430 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

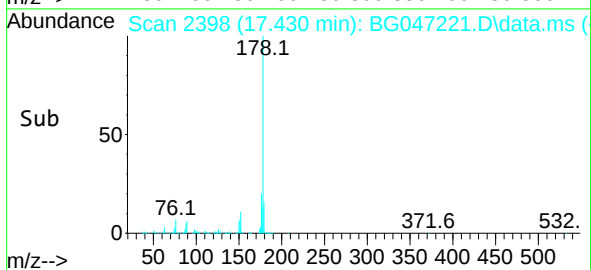
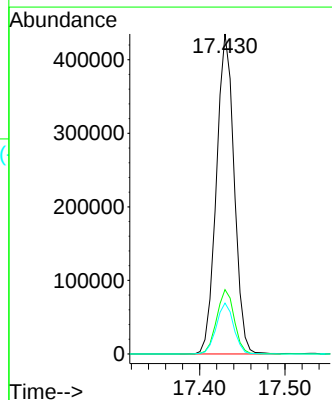
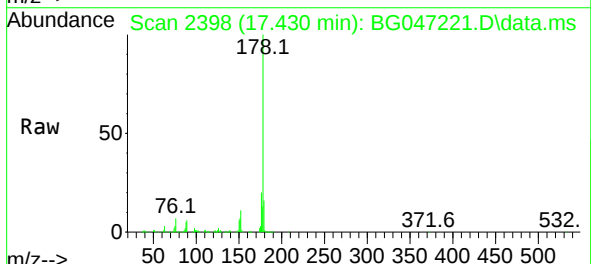
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

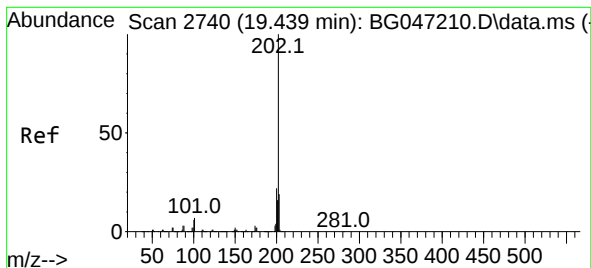
Tgt Ion:178 Resp: 628805
Ion Ratio Lower Upper
178 100
176 20.1 16.7 25.1
179 15.9 14.0 21.0



#72
Anthracene
Concen: 28.60 ng
RT: 17.430 min Scan# 2398
Delta R.T. -0.088 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:178 Resp: 628805
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 15.9 13.8 20.6

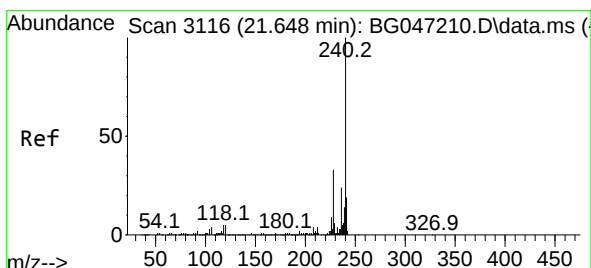
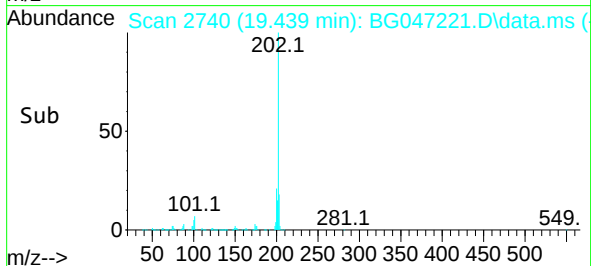
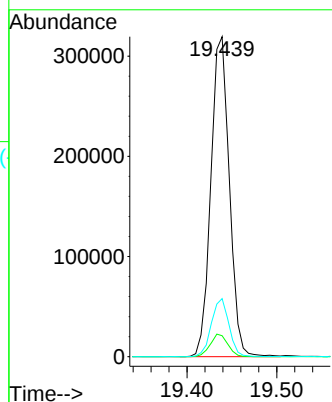
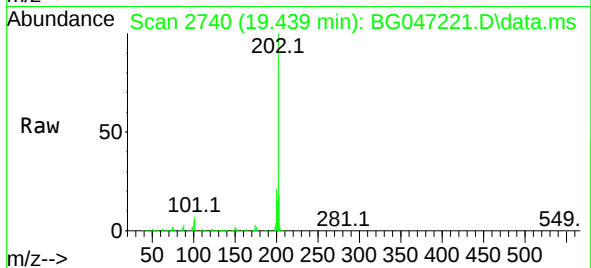




#75
Fluoranthene
Concen: 15.84 ng
RT: 19.439 min Scan# 2740
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

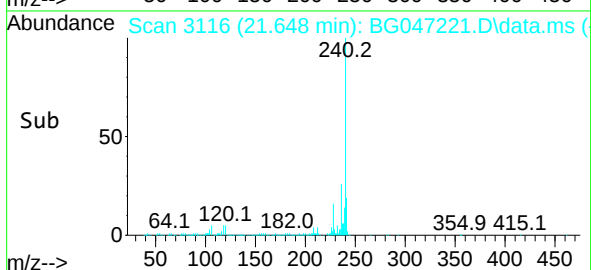
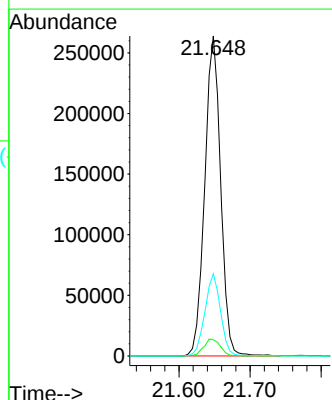
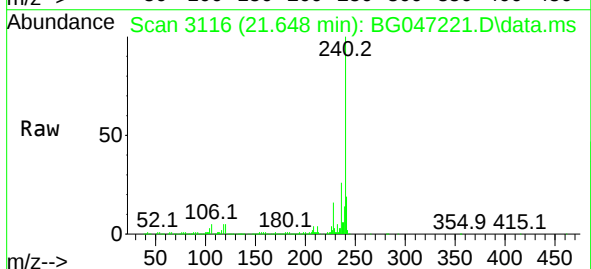
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

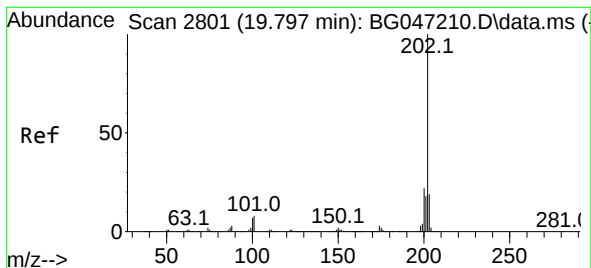
Tgt Ion:202 Resp: 456644
Ion Ratio Lower Upper
202 100
101 6.6 0.0 29.7
203 18.2 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.648 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:240 Resp: 411156
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.7 20.5 30.7





#78

Pyrene

Concen: 8.49 ng

RT: 19.798 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

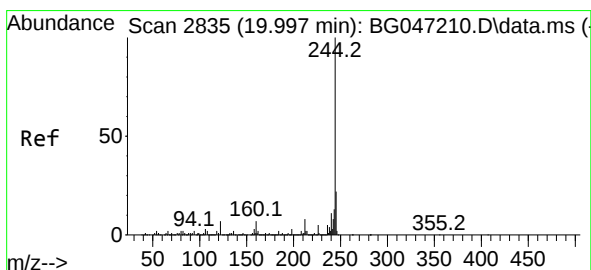
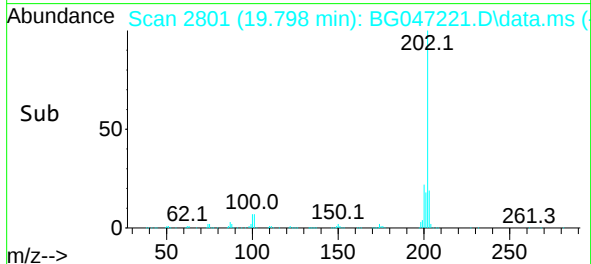
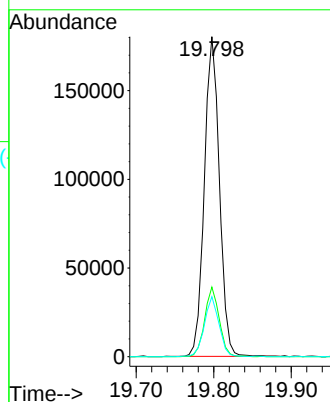
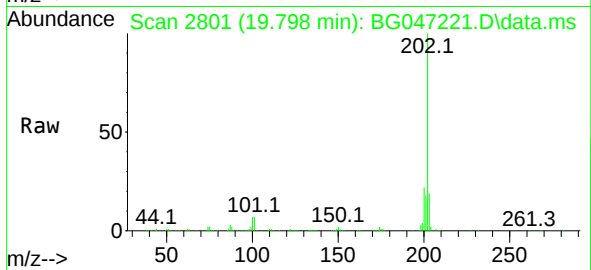
Tgt Ion:202 Resp: 243159

Ion Ratio Lower Upper

202 100

200 21.8 18.6 27.8

203 18.8 15.3 22.9



#79

Terphenyl-d14

Concen: 15.99 ng

RT: 19.991 min Scan# 2834

Delta R.T. -0.005 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

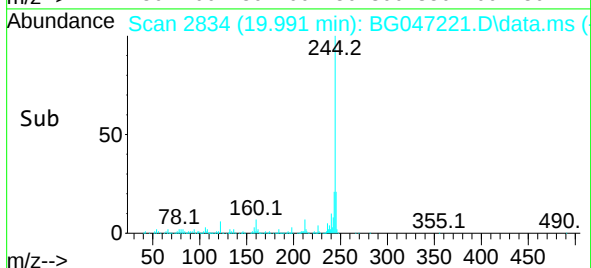
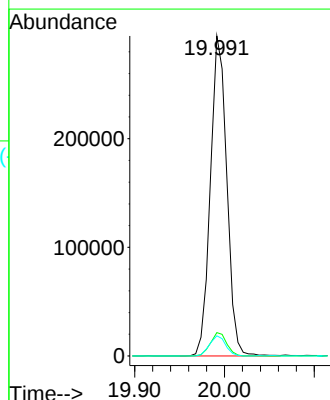
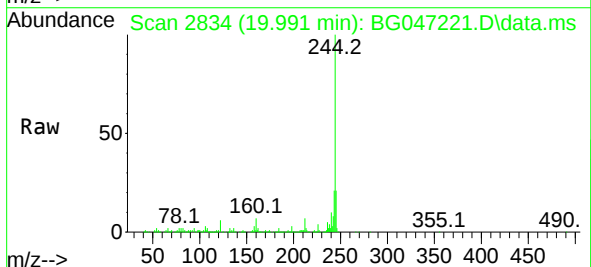
Tgt Ion:244 Resp: 373834

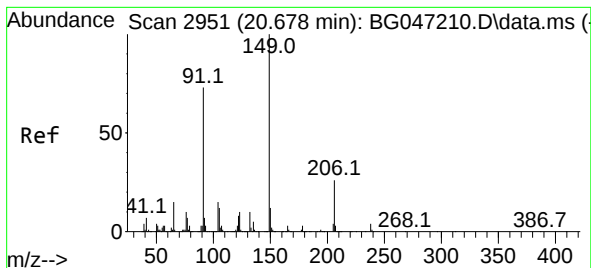
Ion Ratio Lower Upper

244 100

212 7.3 6.7 10.1

122 6.3 7.8 11.6#

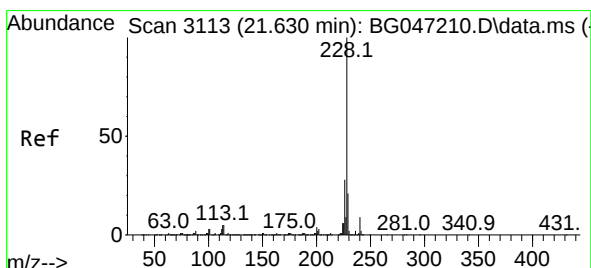
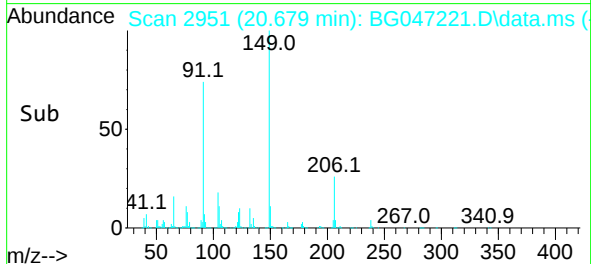
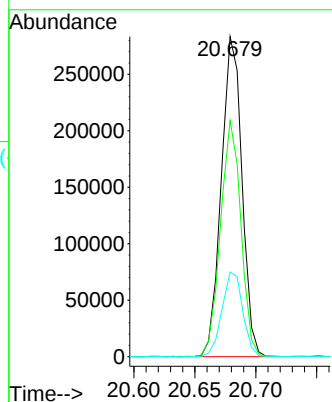
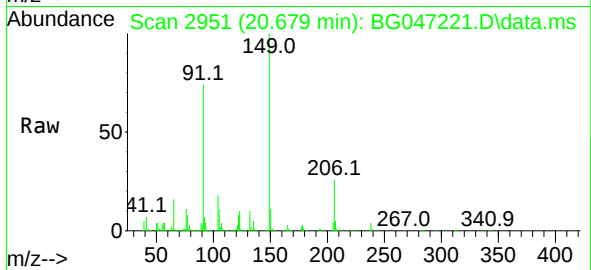




#80
Butylbenzylphthalate
Concen: 30.96 ng
RT: 20.679 min Scan# 2951
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

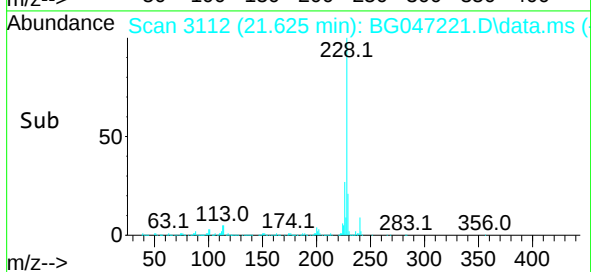
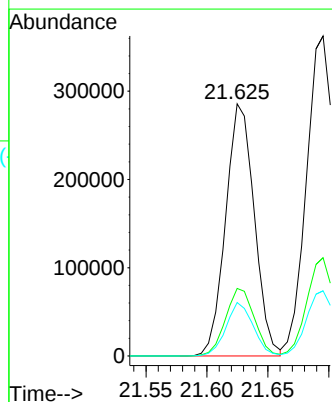
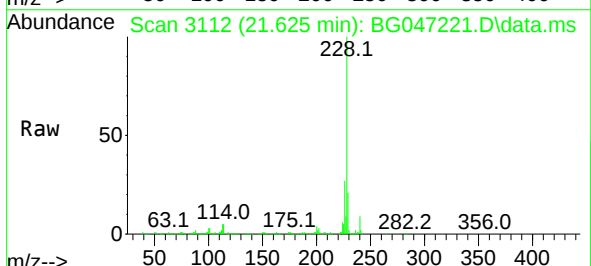
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

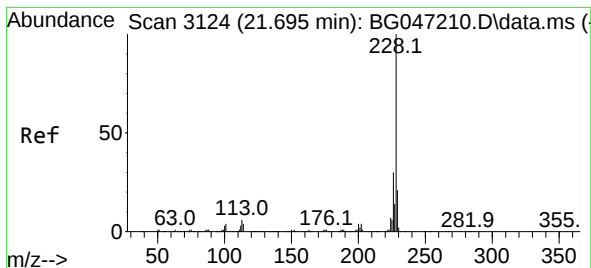
Tgt Ion:149 Resp: 334424
Ion Ratio Lower Upper
149 100
91 73.8 51.5 77.3
206 26.5 21.2 31.8



#81
Benzo(a)anthracene
Concen: 16.03 ng
RT: 21.625 min Scan# 3112
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:228 Resp: 467306
Ion Ratio Lower Upper
228 100
226 26.8 23.3 34.9
229 21.2 17.4 26.0





#83

Chrysene

Concen: 20.99 ng

RT: 21.695 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

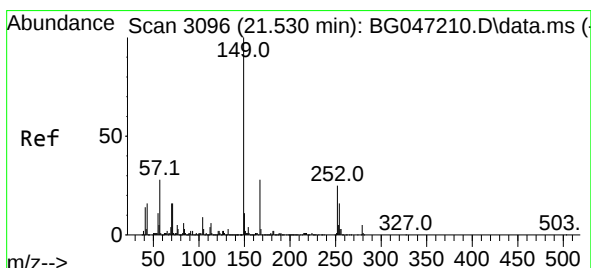
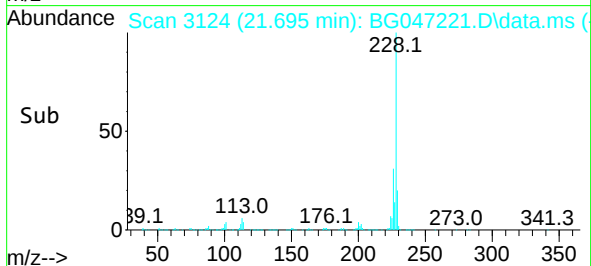
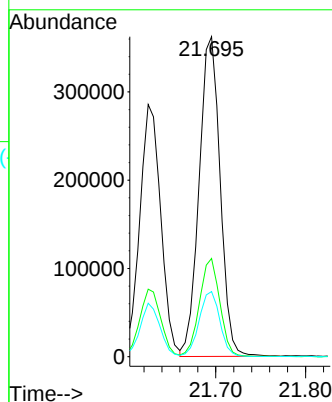
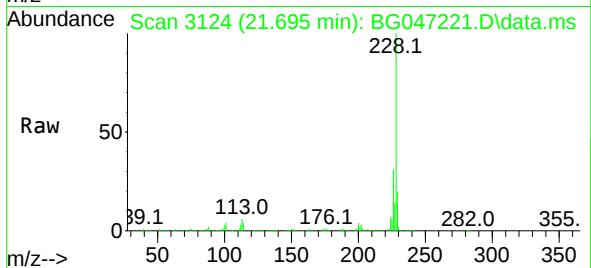
Tgt Ion:228 Resp: 588847

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

229 20.3 17.3 25.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.70 ng

RT: 21.531 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

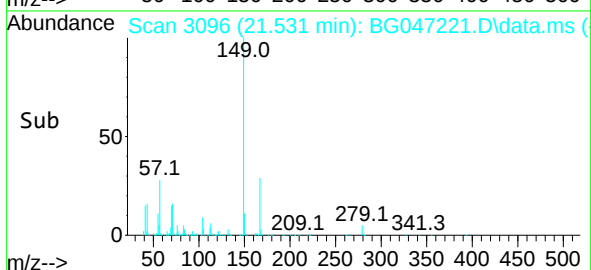
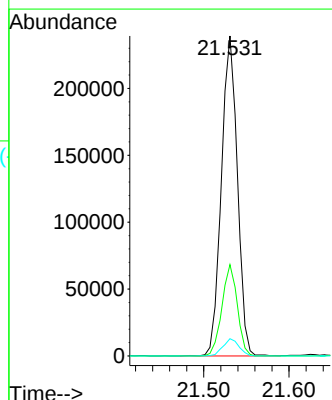
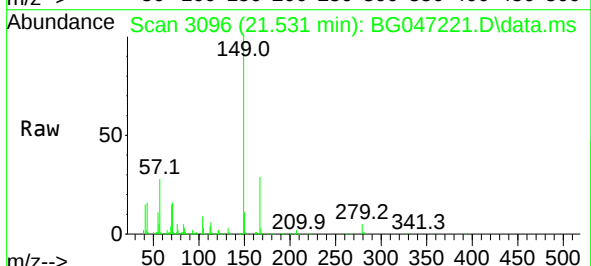
Tgt Ion:149 Resp: 312756

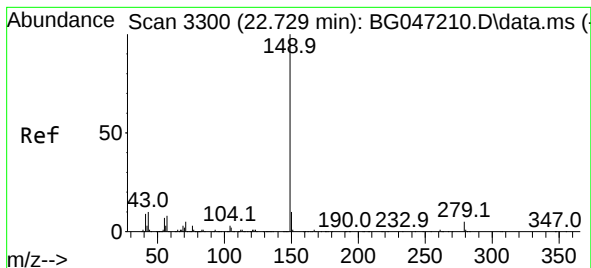
Ion Ratio Lower Upper

149 100

167 28.5 24.8 37.2

279 5.4 4.6 7.0

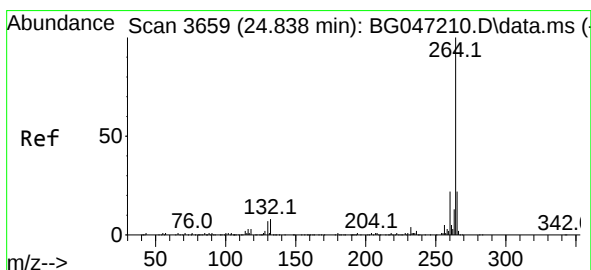
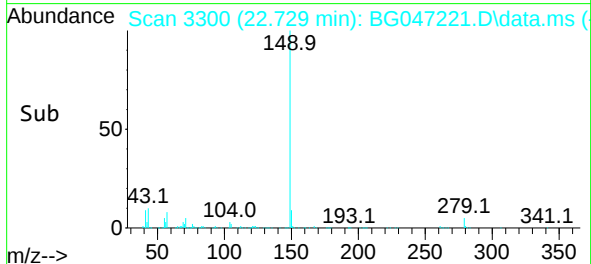
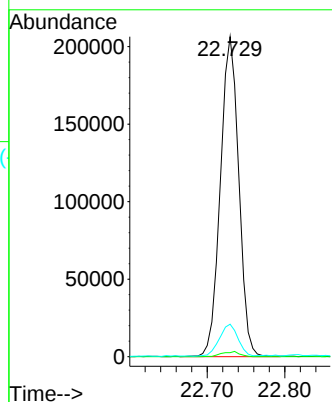
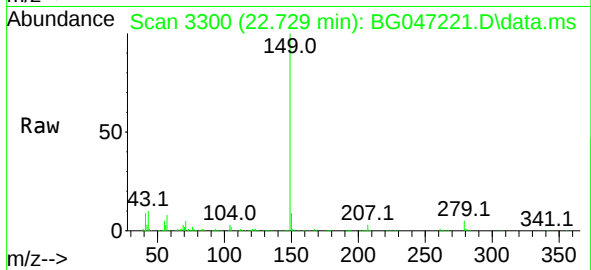




#85
Di-n-octyl phthalate
Concen: 13.43 ng
RT: 22.729 min Scan# 3300
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

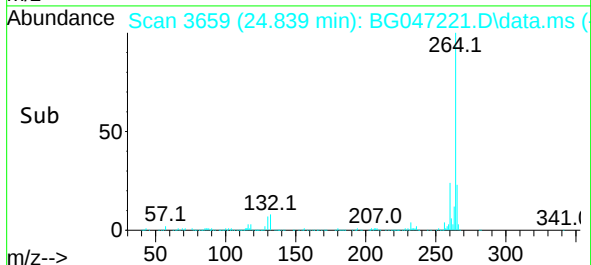
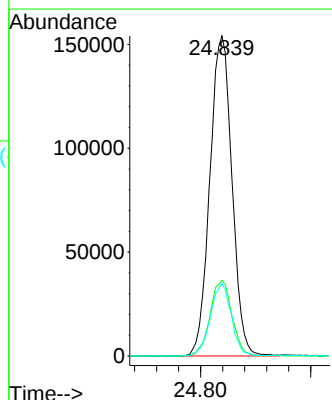
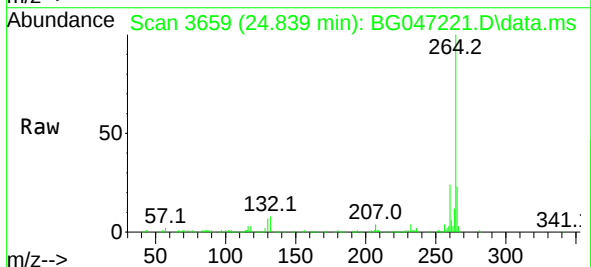
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

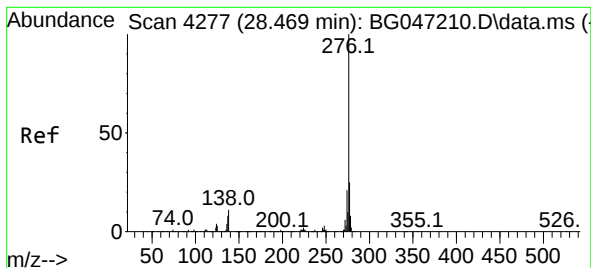
Tgt Ion:149 Resp: 341110
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 10.2 6.8 10.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.839 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:264 Resp: 430253
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 25.74 ng

RT: 28.470 min Scan# 4277

Delta R.T. 0.000 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

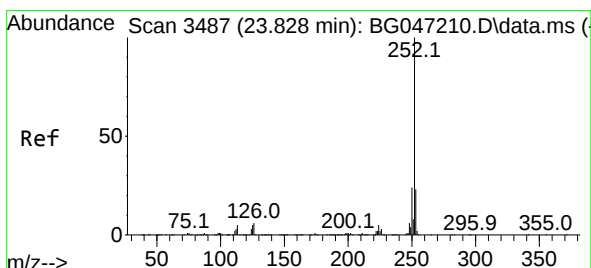
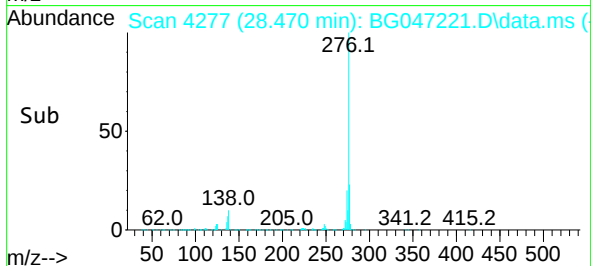
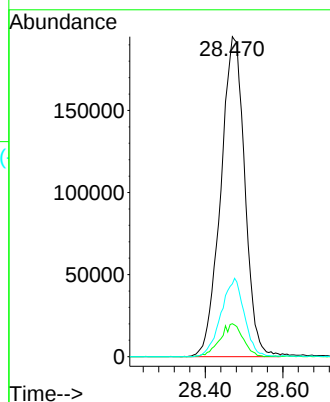
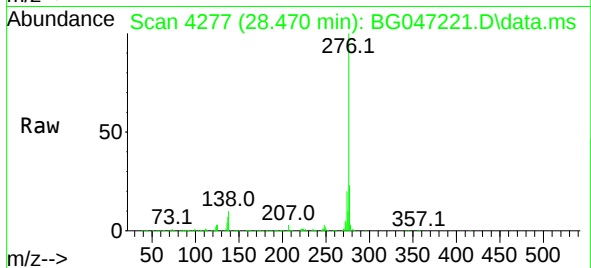
Tgt Ion:276 Resp: 840568

Ion Ratio Lower Upper

276 100

138 10.0 16.2 24.2#

277 23.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 21.71 ng

RT: 23.893 min Scan# 3498

Delta R.T. 0.065 min

Lab File: BG047221.D

Acq: 5 Nov 2020 12:30

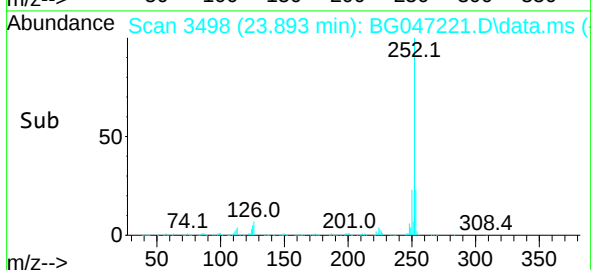
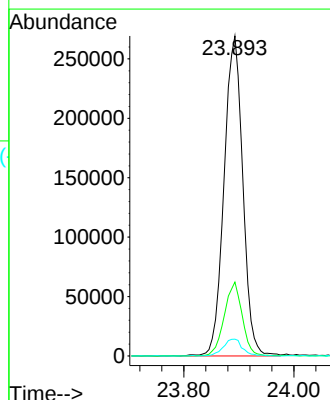
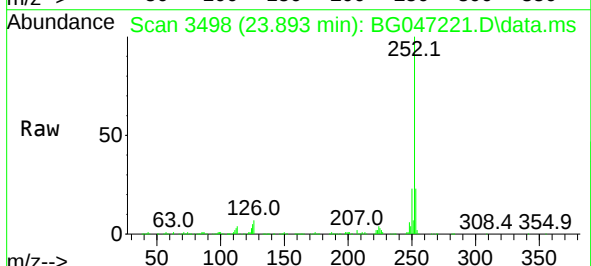
Tgt Ion:252 Resp: 637712

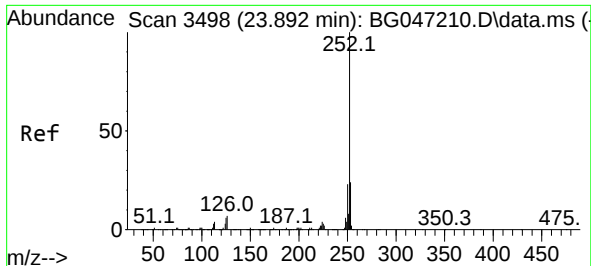
Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

125 5.3 6.5 9.7#

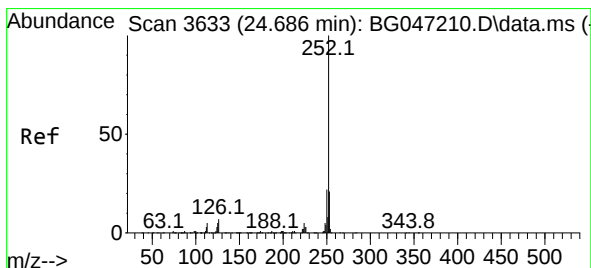
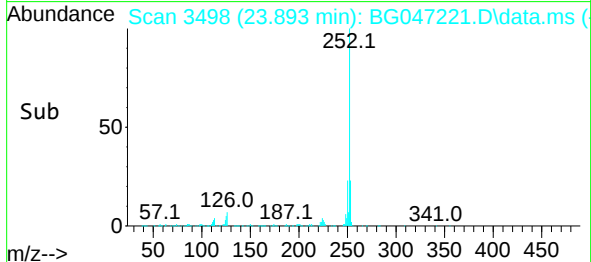
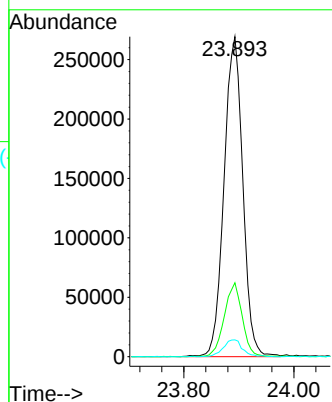
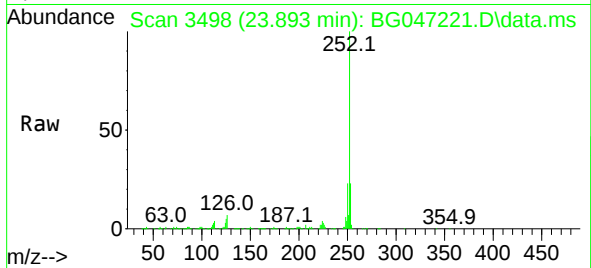




#89
Benzo(k)fluoranthene
Concen: 22.23 ng
RT: 23.893 min Scan# 3498
Delta R.T. 0.000 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:252 Resp: 637712
Ion Ratio Lower Upper
252 100
253 23.1 18.6 27.8
125 5.3 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 12.16 ng
RT: 24.680 min Scan# 3632
Delta R.T. -0.005 min
Lab File: BG047221.D
Acq: 5 Nov 2020 12:30

Tgt Ion:252 Resp: 333284
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 6.4 7.0 10.4#

