

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054196.D
 Acq On : 1 Jul 2022 18:15
 Operator : CG/JU
 Sample : N3564-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-11-2

Quant Time: Jul 01 23:35:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	19223	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	71338	20.000	ng	# 0.00
39) Acenaphthene-d10	14.711	164	51472	20.000	ng	0.01
64) Phenanthrene-d10	17.460	188	110929	20.000	ng	# 0.02
76) Chrysene-d12	21.749	240	128874	20.000	ng	# 0.03
86) Perylene-d12	25.046	264	138681	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	88756	88.276	ng	0.00
7) Phenol-d6	7.231	99	115732	84.851	ng	0.00
23) Nitrobenzene-d5	9.235	82	95950	75.584	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	79359	95.961	ng	0.02
45) 2-Fluorobiphenyl	13.330	172	210842	59.565	ng	0.00
79) Terphenyl-d14	20.063	244	396483	61.964	ng	0.02
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.847	42	1472	2.853	ng	# 1
9) Benzaldehyde	7.219	77	5260	6.534	ng	# 30
11) bis(2-Chloroethyl)ether	7.449	93	2969	2.798	ng	# 1
18) Hexachloroethane	9.188	117	40029	89.297	ng	# 1
19) n-Nitroso-di-n-propyla...	8.853	70	8277	9.033	ng	# 86
22) Acetophenone	8.882	105	7904	4.558	ng	# 67
24) Nitrobenzene	9.276	77	10920	8.736	ng	# 57
25) Isophorone	9.810	82	40836	17.224	ng	# 1
26) 2-Nitrophenol	10.004	139	3846	6.966	ng	# 1
27) 2,4-Dimethylphenol	10.110	122	5888	6.588	ng	# 52
28) bis(2-Chloroethoxy)met...	10.292	93	3502	2.742	ng	# 1
29) 2,4-Dichlorophenol	10.510	162	3022	2.522	ng	# 45
31) Naphthalene	10.944	128	13430	3.729	ng	# 1
32) Benzoic acid	10.110	122	5888	22.852	ng	# 68
33) 4-Chloroaniline	11.003	127	4280	2.865	ng	# 1
35) Caprolactam	11.814	113	2814	8.531	ng	# 1
36) 4-Chloro-3-methylphenol	12.190	107	3784	3.249	ng	# 32
37) 2-Methylnaphthalene	12.760	142	127386	47.809	ng	# 90
38) 1-Methylnaphthalene	12.760	142	127386	49.100	ng	# 96
48) 2-Nitroaniline	13.771	65	3114	4.034	ng	# 55
49) Acenaphthylene	14.440	152	16963	3.760	ng	# 1
51) 2,6-Dinitrotoluene	14.270	165	4902	6.189	ng	# 46
52) Acenaphthene	14.775	154	20647	7.179	ng	# 64
53) 3-Nitroaniline	14.628	138	5419	7.062	ng	# 29
54) 2,4-Dinitrophenol	14.810	184	873	8.872	ng	# 1
55) Dibenzofuran	15.110	168	14317	3.090	ng	# 1
56) 4-Nitrophenol	14.916	139	26101	47.913	ng	# 57
57) 2,4-Dinitrotoluene	15.063	165	5162	4.615	ng	# 60
58) Fluorene	15.762	166	69079	18.157	ng	# 77
63) Azobenzene	16.050	77	9451	3.093	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.803	198	2140	3.867	ng	# 1
66) n-Nitrosodiphenylamine	15.968	169	113740	39.342	ng	# 44
69) Atrazine	16.867	200	2977	2.486	ng	# 1
71) Phenanthrene	17.501	178	184811	32.427	ng	# 87
72) Anthracene	17.590	178	25231	4.534	ng	# 59
75) Fluoranthene	19.517	202	65719	8.784	ng	# 71

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

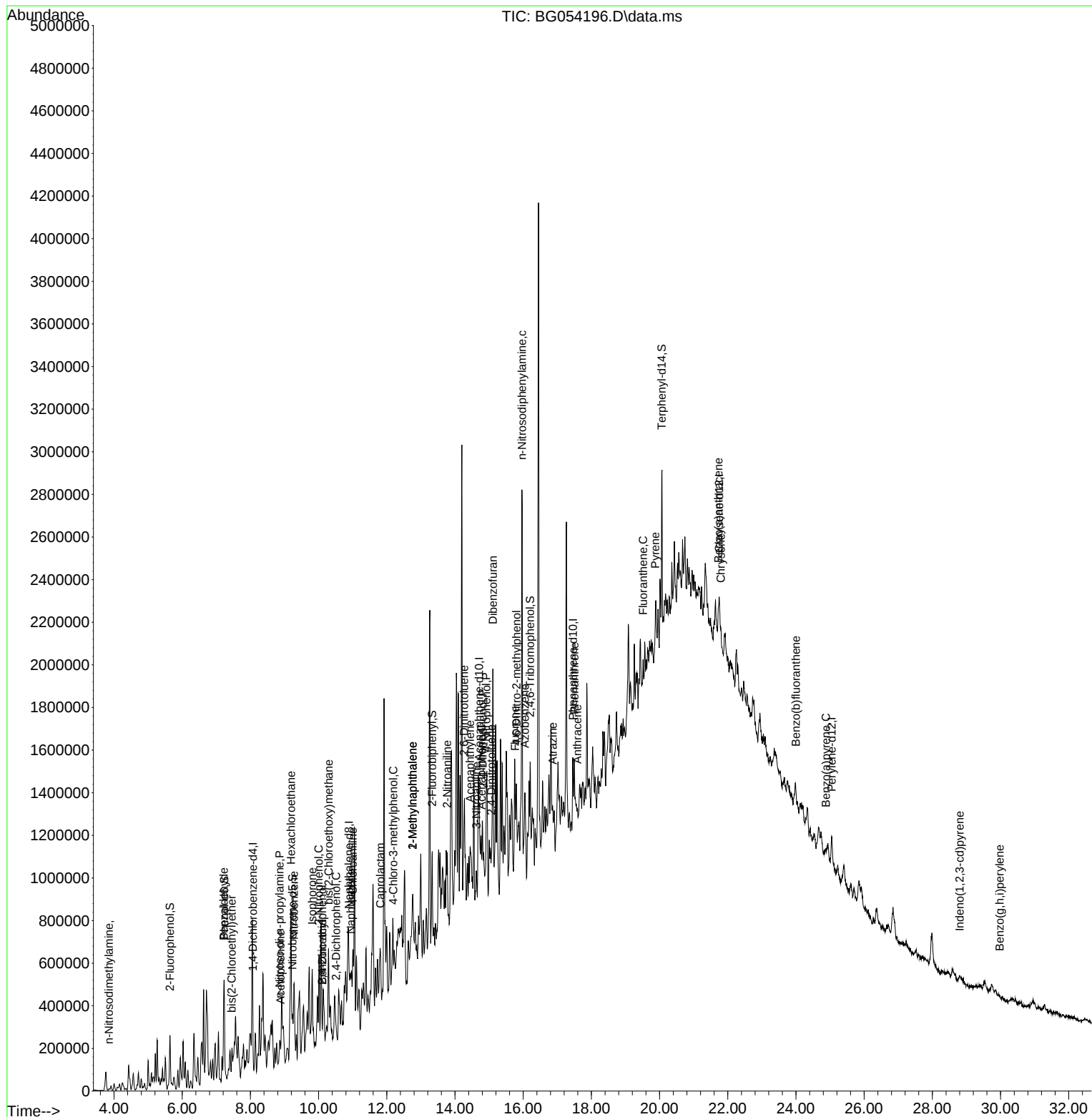
78) Pyrene	19.875	202	112604	14.467	ng	# 83
81) Benzo(a)anthracene	21.726	228	58811	7.048	ng	# 54
83) Chrysene	21.796	228	99824	12.550	ng	# 60
87) Indeno(1,2,3-cd)pyrene	28.800	276	25191	2.407	ng	# 90
88) Benzo(b)fluoranthene	24.000	252	63931	7.582	ng	# 21
90) Benzo(a)pyrene	24.881	252	42357	5.954	ng	# 32
92) Benzo(g,h,i)perylene	29.975	276	32251	3.776	ng	# 79

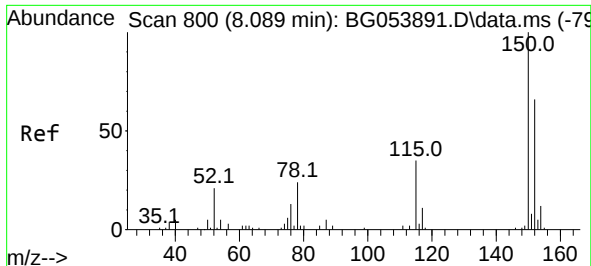
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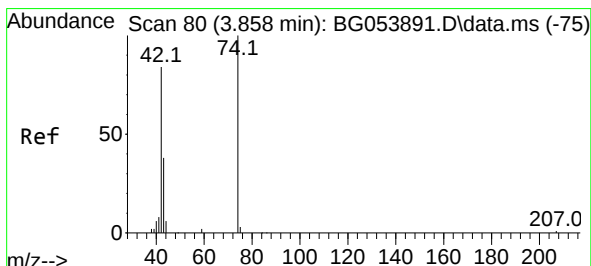
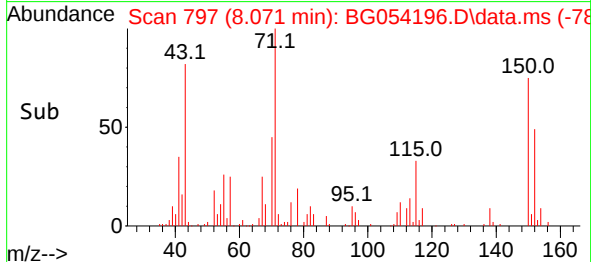
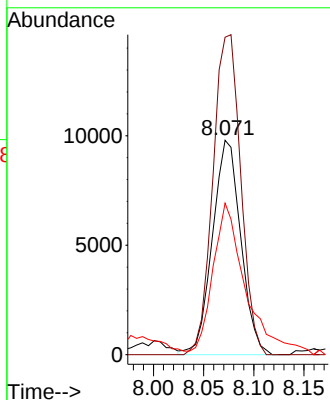
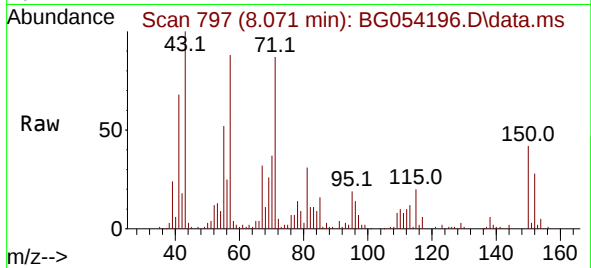




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

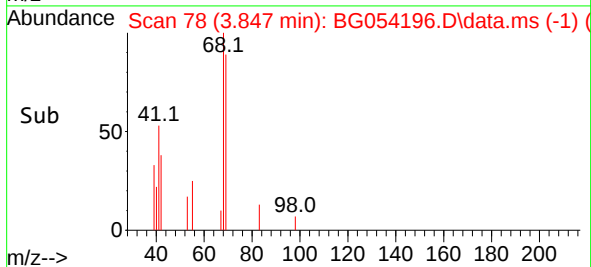
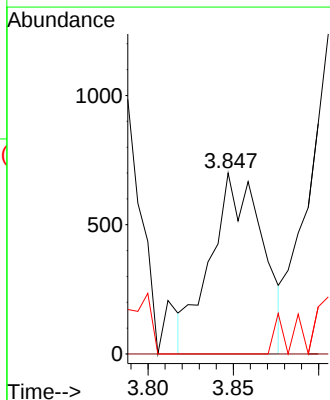
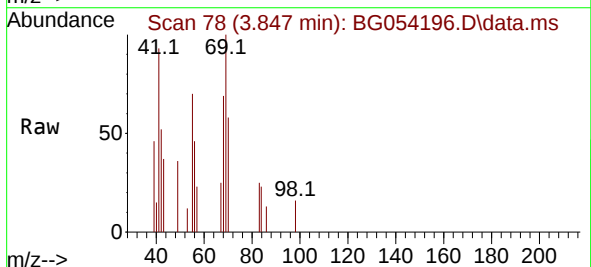
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ClientSampleId :
WC-14B-11-2

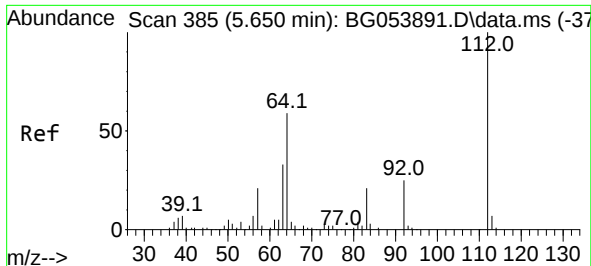
Tgt Ion:152 Resp: 19223
Ion Ratio Lower Upper
152 100
150 148.0 131.6 197.4
115 70.7 50.9 76.3



#4
n-Nitrosodimethylamine
Concen: 2.853 ng
RT: 3.847 min Scan# 78
Delta R.T. 0.007 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion: 42 Resp: 1472
Ion Ratio Lower Upper
42 100
74 0.0 97.0 145.4#
44 0.0 7.0 10.4#

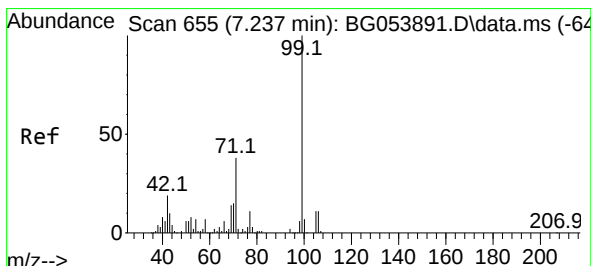
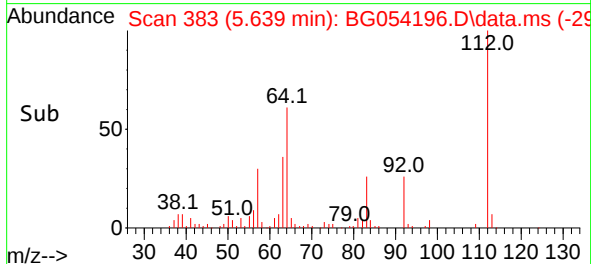
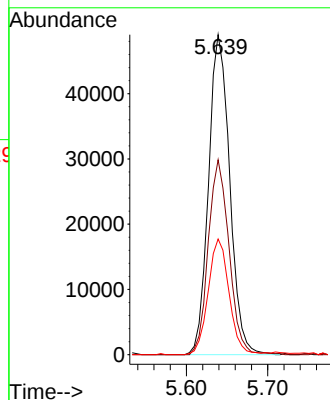
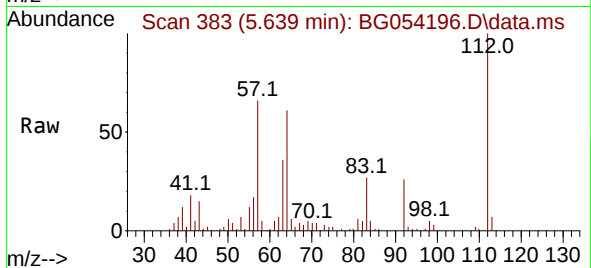




#5
2-Fluorophenol
Concen: 88.276 ng
RT: 5.639 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

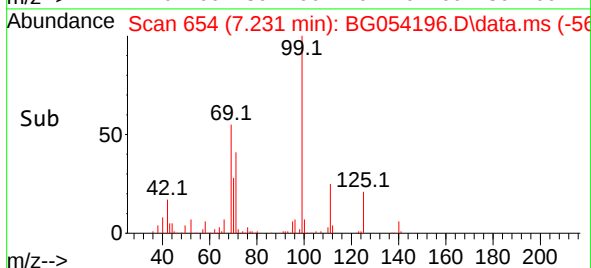
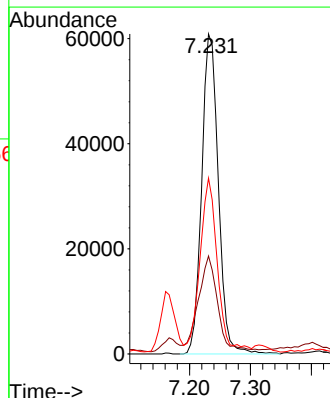
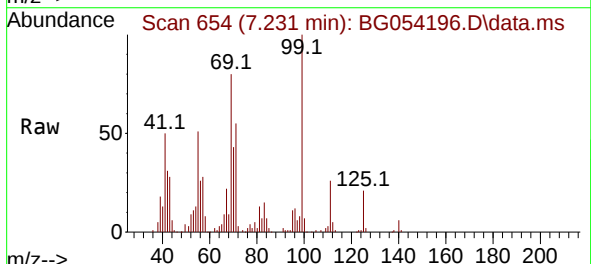
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

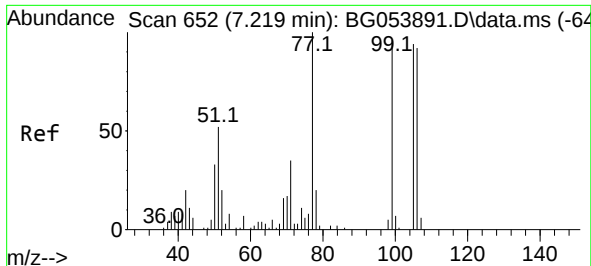
Tgt Ion:112 Resp: 88756
Ion Ratio Lower Upper
112 100
64 60.9 55.1 82.7
63 36.2 30.4 45.6



#7
Phenol-d6
Concen: 84.851 ng
RT: 7.231 min Scan# 654
Delta R.T. 0.001 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion: 99 Resp: 115732
Ion Ratio Lower Upper
99 100
42 30.6 17.0 25.6#
71 55.0 33.8 50.8#

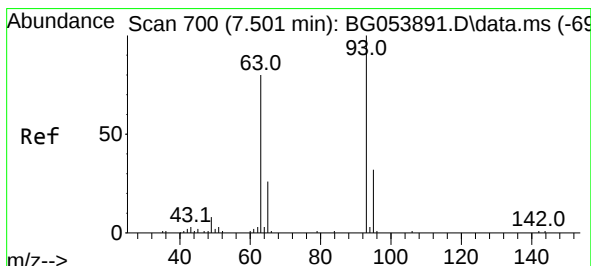
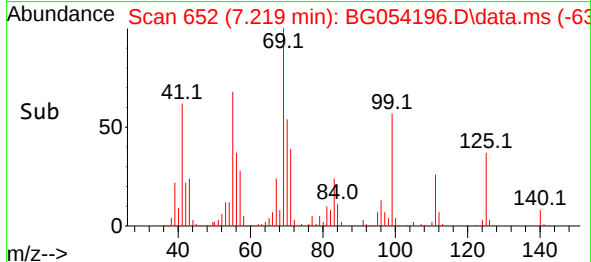
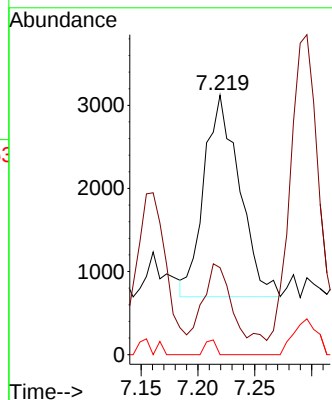
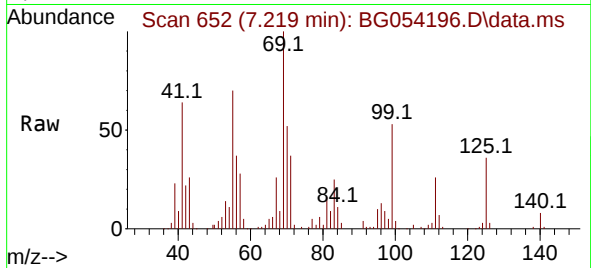




#9
Benzaldehyde
Concen: 6.534 ng
RT: 7.219 min Scan# 611
Delta R.T. 0.013 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

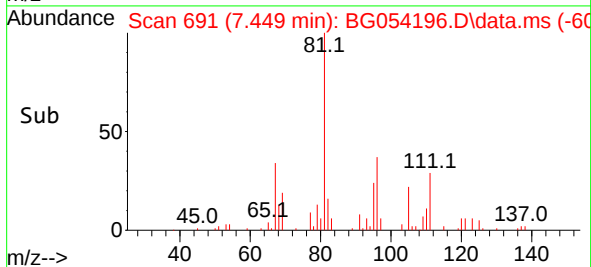
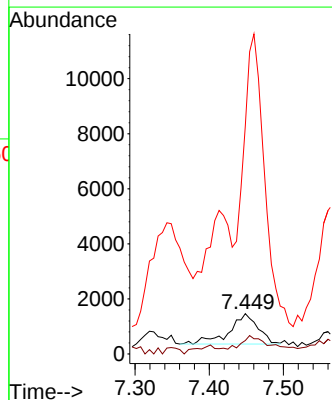
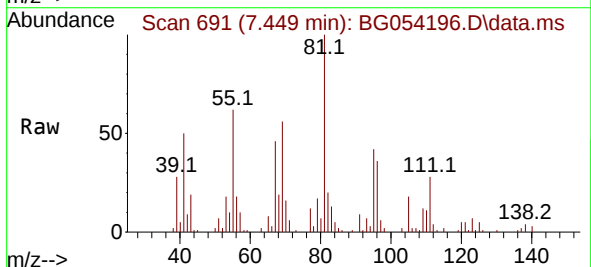
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

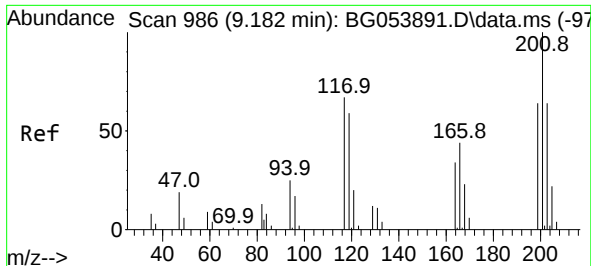
Tgt Ion: 77 Resp: 5260
Ion Ratio Lower Upper
77 100
105 33.5 59.6 99.6#
106 0.0 56.8 96.8#



#11
bis(2-Chloroethyl)ether
Concen: 2.798 ng
RT: 7.449 min Scan# 691
Delta R.T. -0.040 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion: 93 Resp: 2969
Ion Ratio Lower Upper
93 100
63 33.3 63.6 103.6#
95 565.3 10.1 50.1#

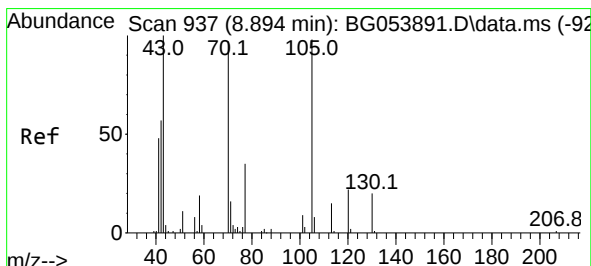
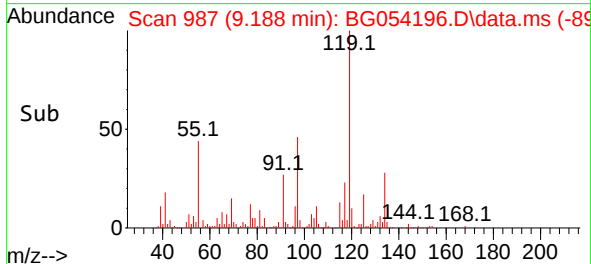
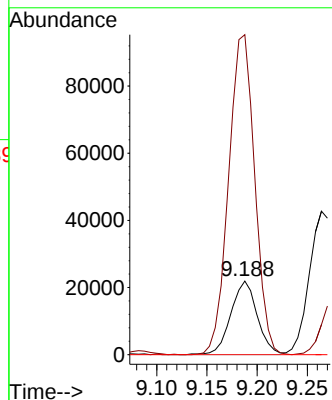
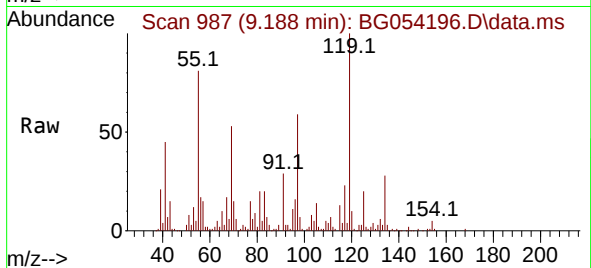




#18
Hexachloroethane
Concen: 89.297 ng
RT: 9.188 min Scan# 918
Delta R.T. 0.024 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

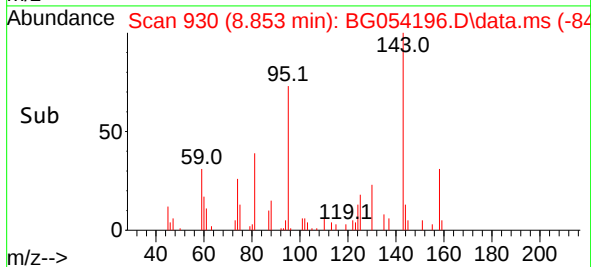
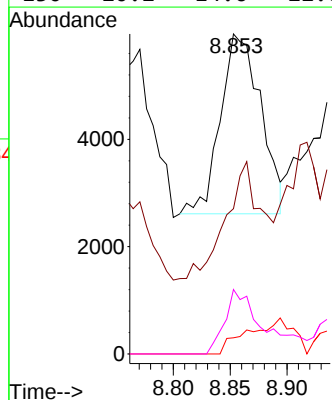
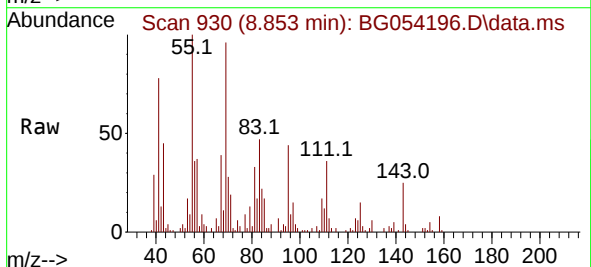
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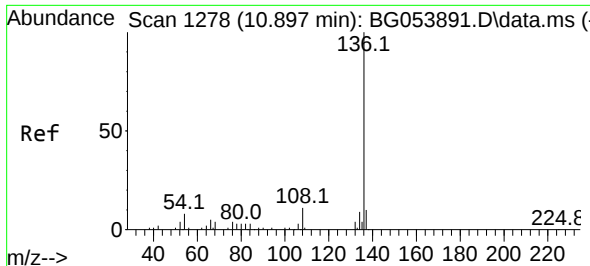
Tgt Ion:117 Resp: 40029
Ion Ratio Lower Upper
117 100
119 435.2 75.0 112.6#
201 0.0 89.0 133.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.033 ng
RT: 8.853 min Scan# 930
Delta R.T. -0.023 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion: 70 Resp: 8277
Ion Ratio Lower Upper
70 100
42 45.4 47.3 70.9#
101 5.0 7.0 10.4#
130 20.2 14.6 22.0

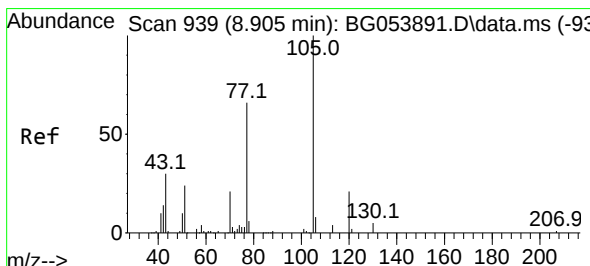
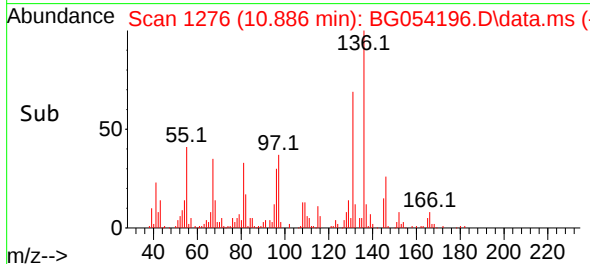
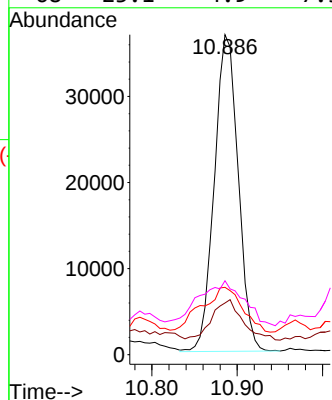
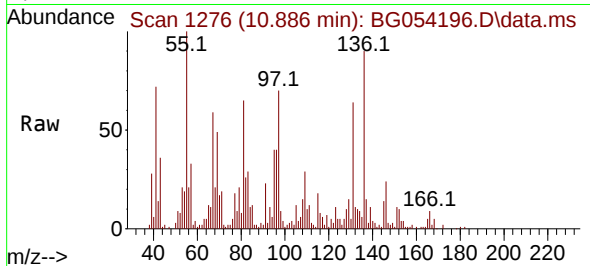




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

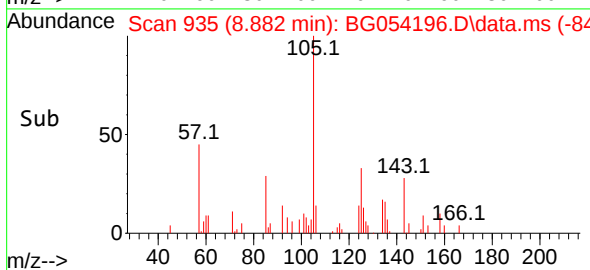
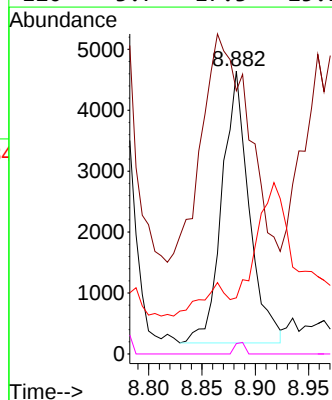
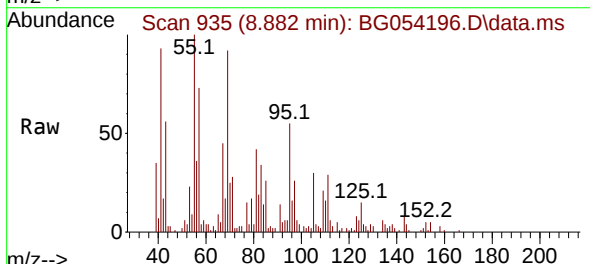
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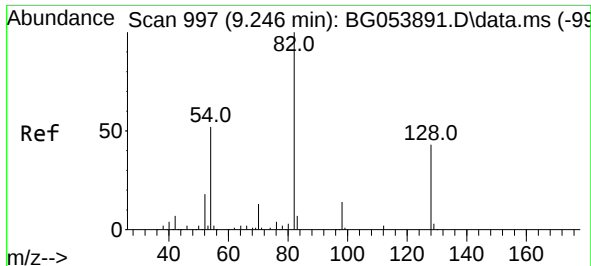
Tgt Ion:	136	Resp:	71338
Ion Ratio	Lower	Upper	
136	100		
137	16.1	8.5	12.7#
54	21.1	7.4	11.2#
68	23.1	4.9	7.3#



#22
Acetophenone
Concen: 4.558 ng
RT: 8.882 min Scan# 935
Delta R.T. -0.011 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:	105	Resp:	7904
Ion Ratio	Lower	Upper	
105	100		
71	93.0	1.1	1.7#
51	19.8	25.4	38.0#
120	3.7	17.3	25.9#

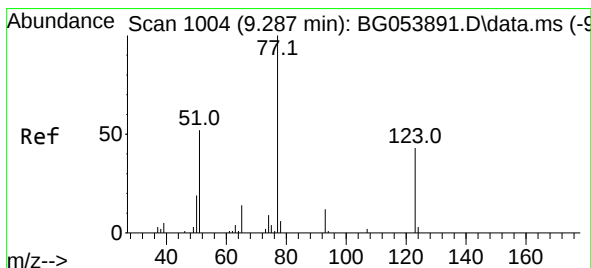
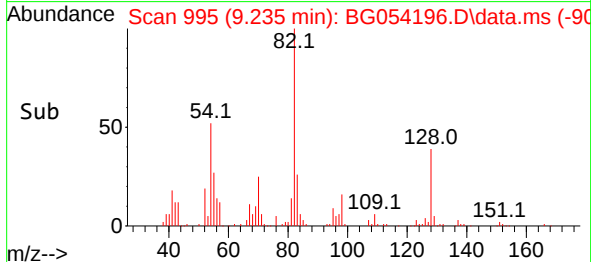
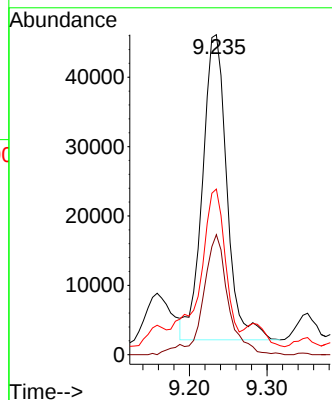
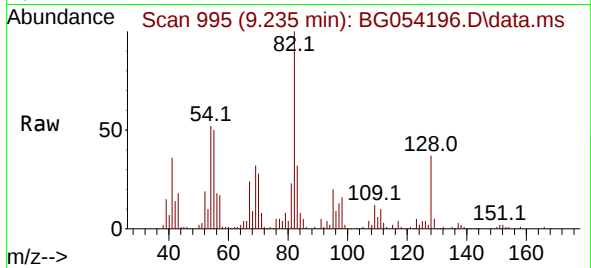




#23
Nitrobenzene-d5
Concen: 75.584 ng
RT: 9.235 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

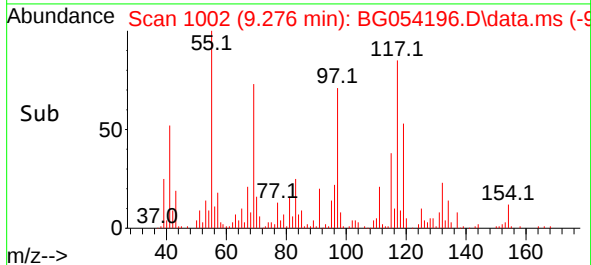
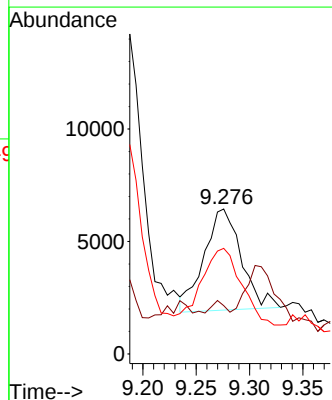
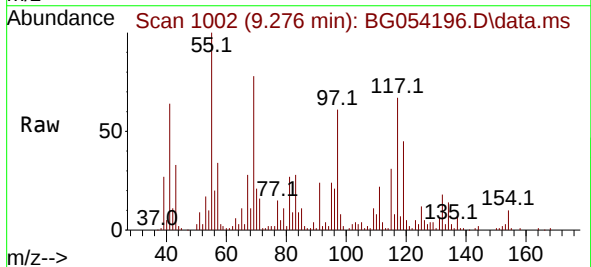
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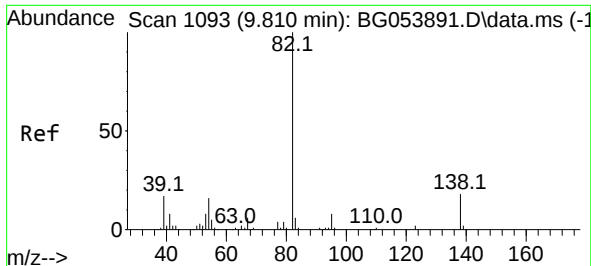
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Ion Ratio Lower Upper
82 100
128 37.5 27.9 41.9
54 51.7 41.2 61.8



#24
Nitrobenzene
Concen: 8.736 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.001 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion: 77 Resp: 10920
Ion Ratio Lower Upper
77 100
123 33.3 27.4 41.0
65 72.9 11.4 17.0#

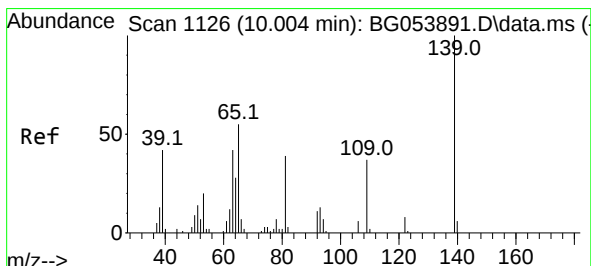
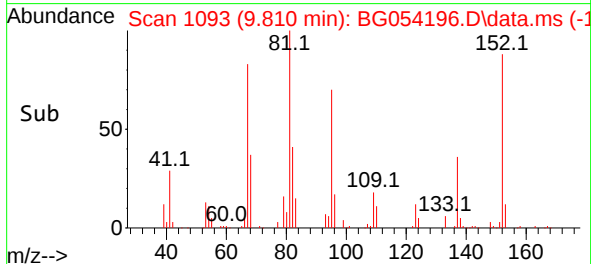
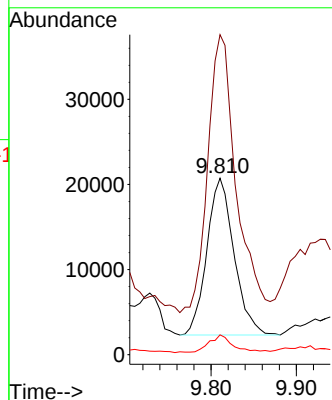
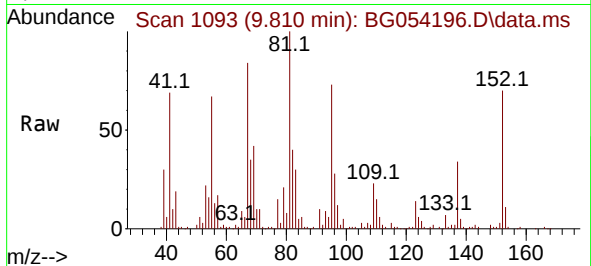




#25
Isophorone
Concen: 17.224 ng
RT: 9.810 min Scan# 1093
Delta R.T. 0.013 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

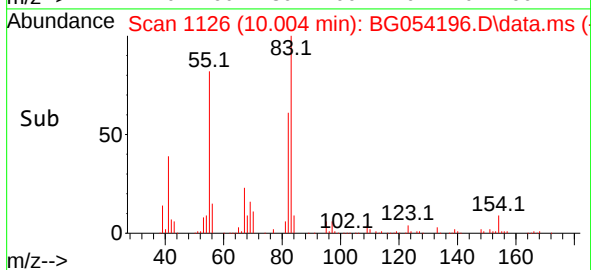
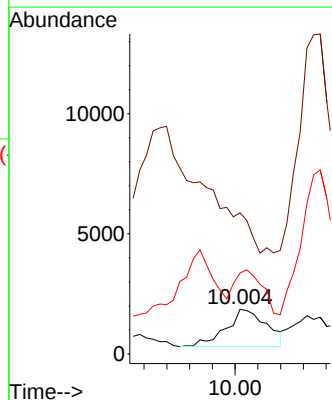
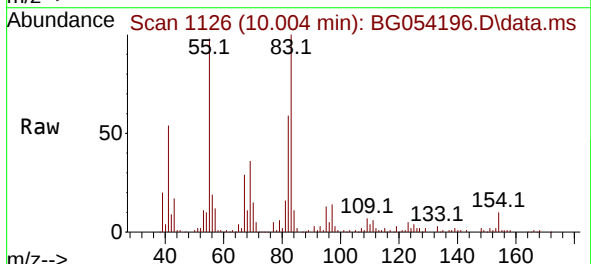
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

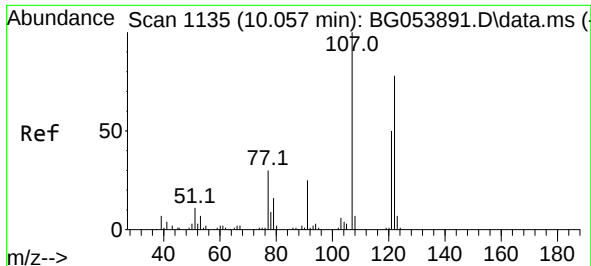
Tgt Ion: 82 Resp: 40836
Ion Ratio Lower Upper
82 100
95 181.3 6.2 9.4#
138 11.2 11.6 17.4#



#26
2-Nitrophenol
Concen: 6.966 ng
RT: 10.004 min Scan# 1126
Delta R.T. 0.013 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:139 Resp: 3846
Ion Ratio Lower Upper
139 100
109 316.1 36.1 54.1#
65 181.3 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 6.588 ng

RT: 10.110 min Scan# 1144

Delta R.T. 0.066 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-2

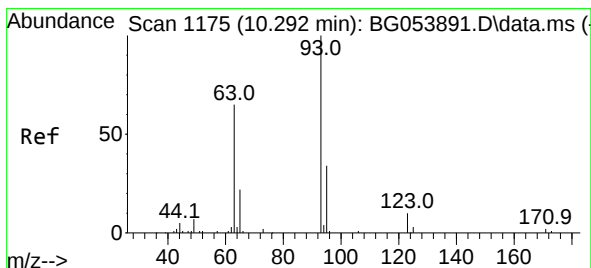
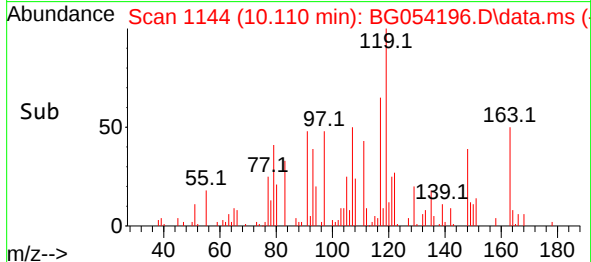
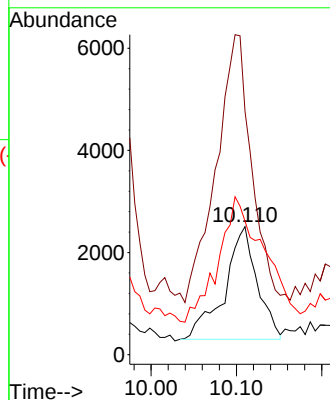
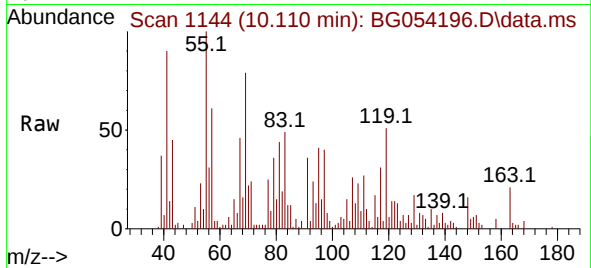
Tgt Ion:122 Resp: 5888

Ion Ratio Lower Upper

122 100

107 190.2 109.4 164.0#

121 104.3 48.7 73.1#



#28

bis(2-Chloroethoxy)methane

Concen: 2.742 ng

RT: 10.292 min Scan# 1175

Delta R.T. 0.013 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

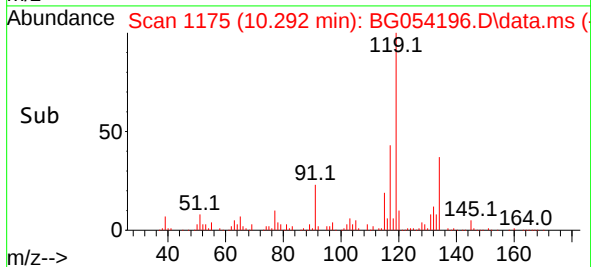
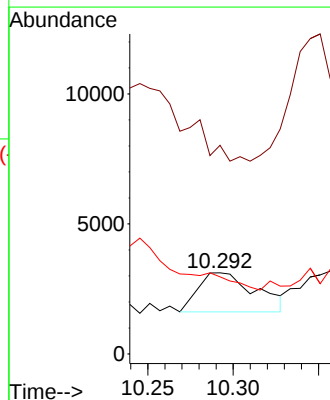
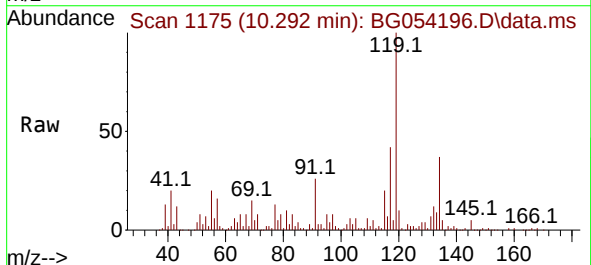
Tgt Ion: 93 Resp: 3502

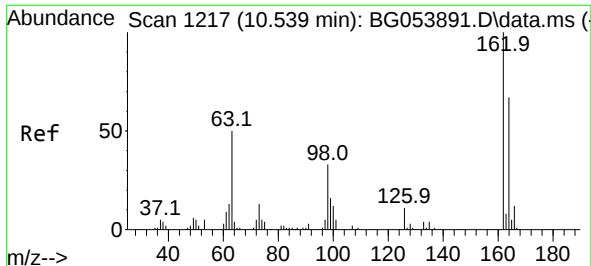
Ion Ratio Lower Upper

93 100

95 257.0 26.9 40.3#

123 95.0 7.7 11.5#





#29

2,4-Dichlorophenol

Concen: 2.522 ng

RT: 10.510 min Scan# 1

Delta R.T. -0.017 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-2

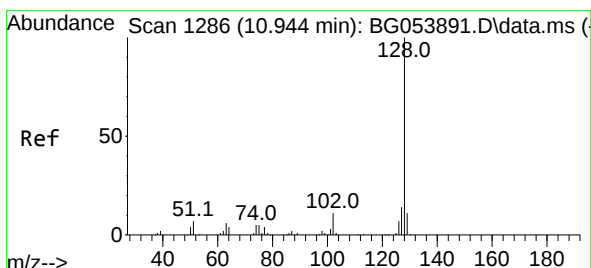
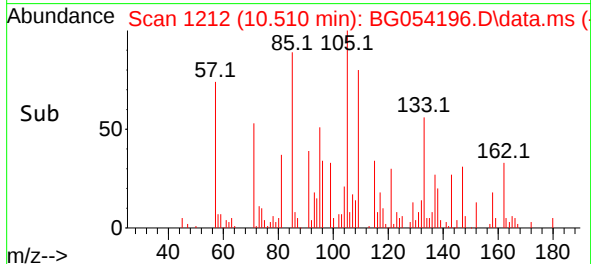
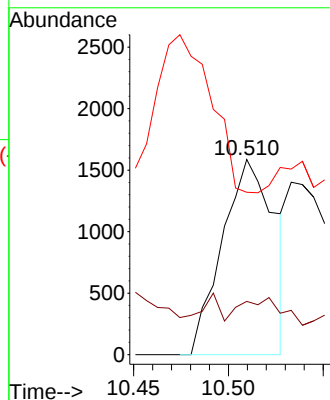
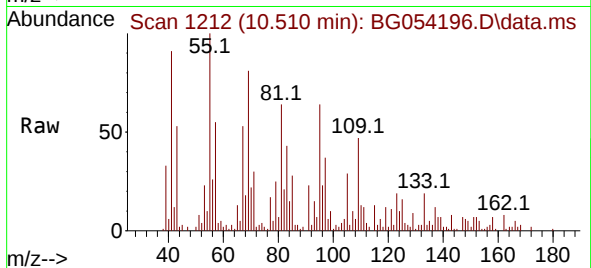
Tgt Ion:162 Resp: 3022

Ion Ratio Lower Upper

162 100

164 27.3 46.6 86.6#

98 83.2 22.8 62.8#



#31

Naphthalene

Concen: 3.729 ng

RT: 10.944 min Scan# 1286

Delta R.T. 0.013 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

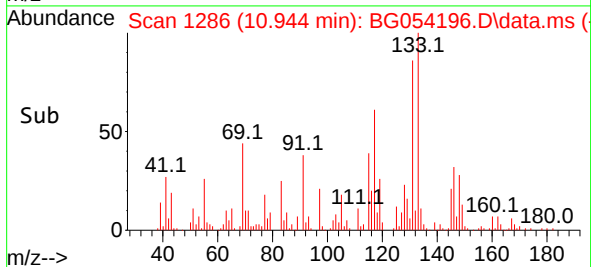
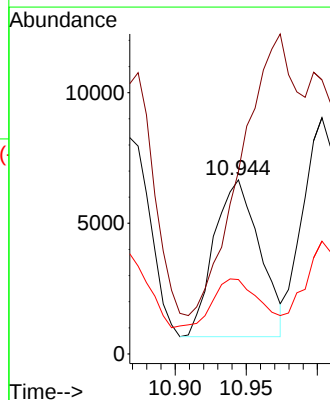
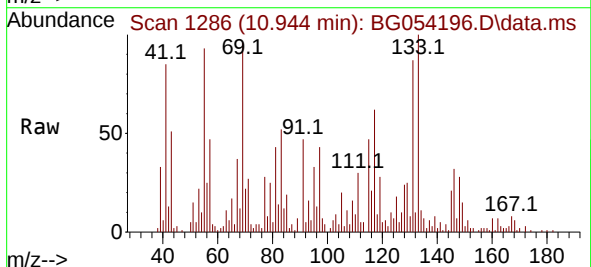
Tgt Ion:128 Resp: 13430

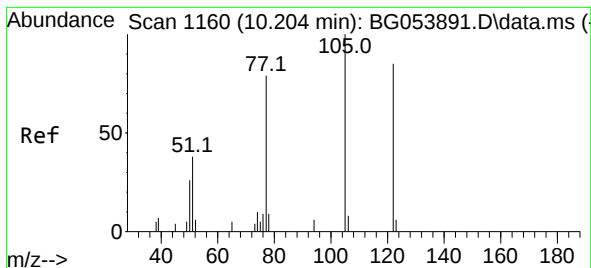
Ion Ratio Lower Upper

128 100

129 104.8 9.0 13.6#

127 42.8 11.1 16.7#





#32

Benzoic acid

Concen: 22.852 ng

RT: 10.110 min Scan# 1144

Delta R.T. -0.087 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-2

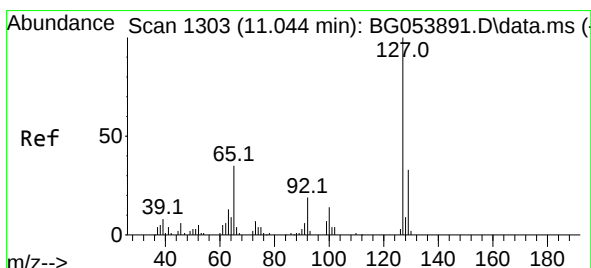
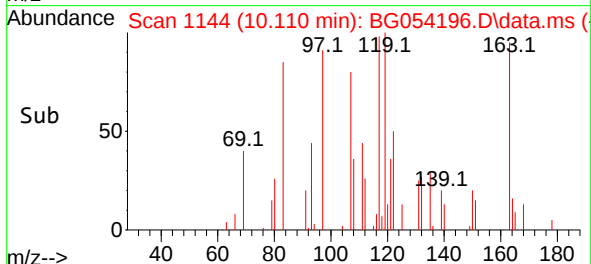
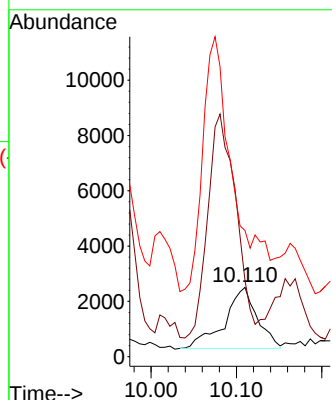
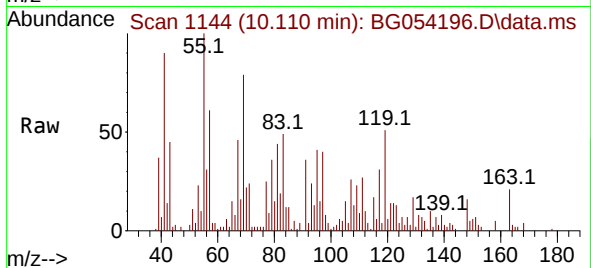
Tgt Ion:122 Resp: 5888

Ion Ratio Lower Upper

122 100

105 109.5 111.8 151.8#

77 181.7 109.4 149.4#



#33

4-Chloroaniline

Concen: 2.865 ng

RT: 11.003 min Scan# 1296

Delta R.T. -0.028 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

Tgt Ion:127 Resp: 4280

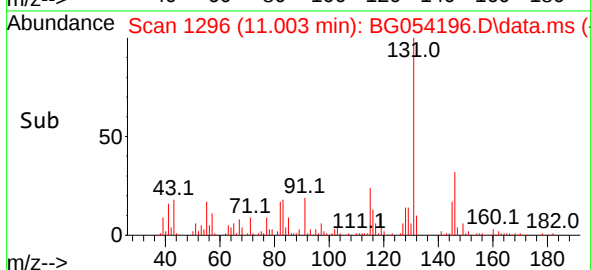
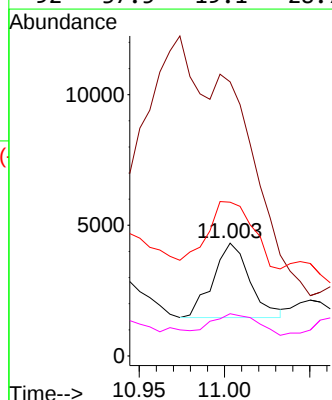
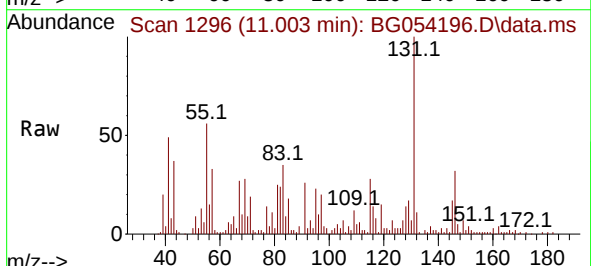
Ion Ratio Lower Upper

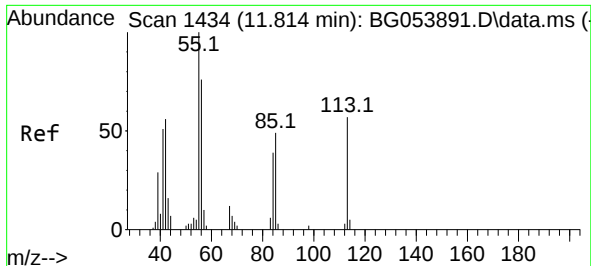
127 100

129 243.0 26.3 39.5#

65 136.4 31.1 46.7#

92 37.5 19.1 28.7#

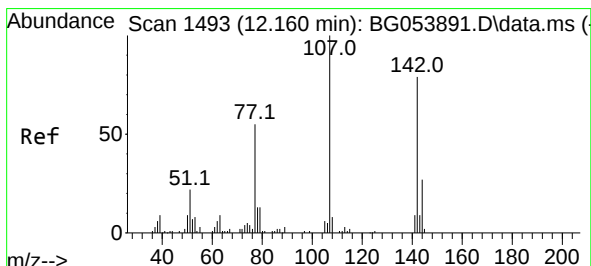
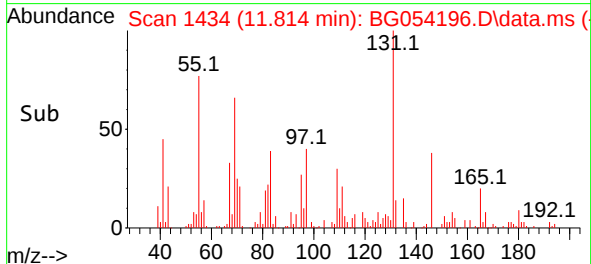
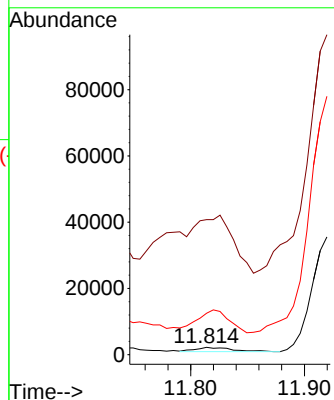
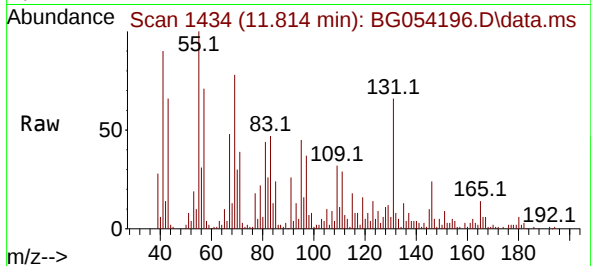




#35
Caprolactam
Concen: 8.531 ng
RT: 11.814 min Scan# 1434
Delta R.T. 0.024 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

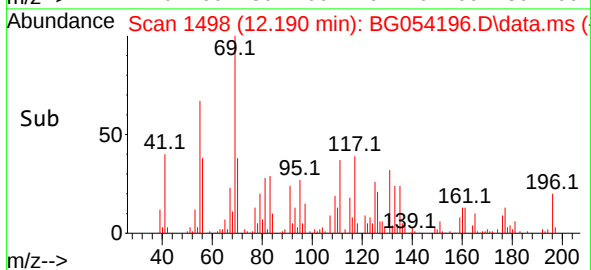
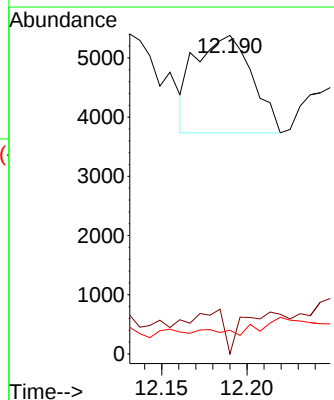
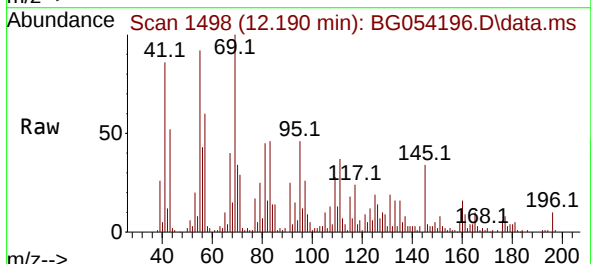
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

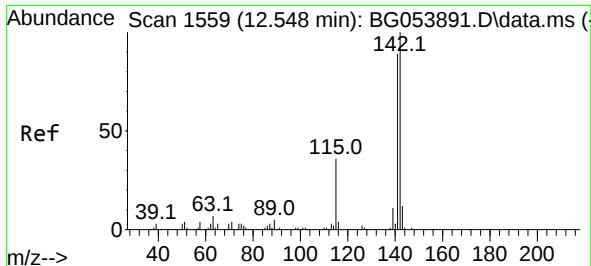
Tgt Ion:113 Resp: 2814
Ion Ratio Lower Upper
113 100
55 1836.4 169.8 209.8#
56 564.5 141.2 181.2#



#36
4-Chloro-3-methylphenol
Concen: 3.249 ng
RT: 12.190 min Scan# 1498
Delta R.T. 0.036 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:107 Resp: 3784
Ion Ratio Lower Upper
107 100
144 0.0 18.5 27.7#
142 7.4 55.0 82.4#

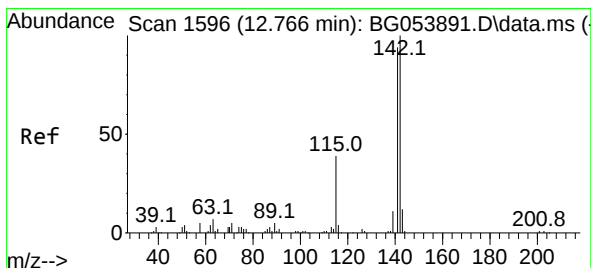
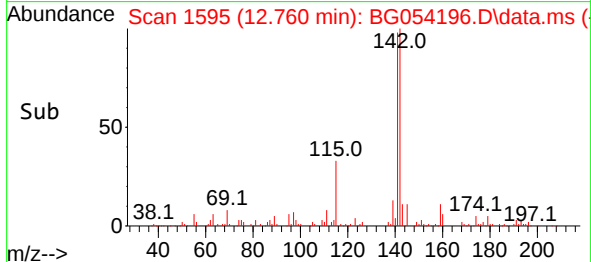
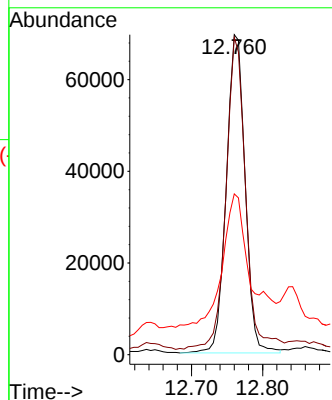
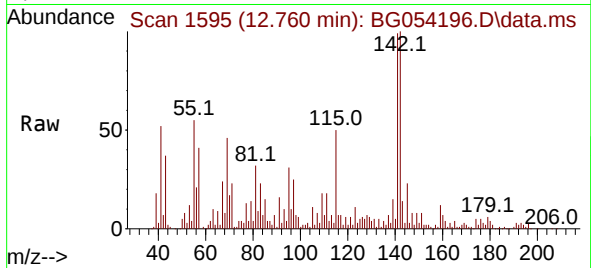




#37
2-Methylnaphthalene
Concen: 47.809 ng
RT: 12.760 min Scan# 1595
Delta R.T. 0.230 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

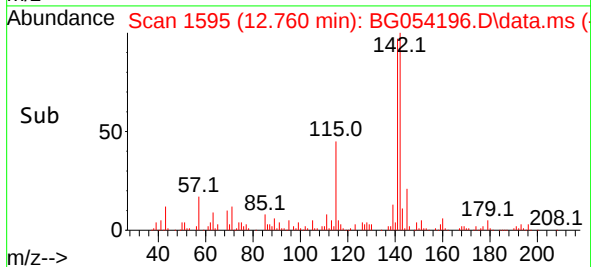
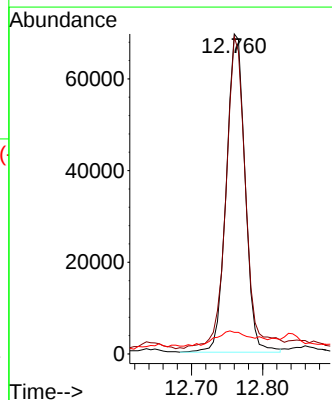
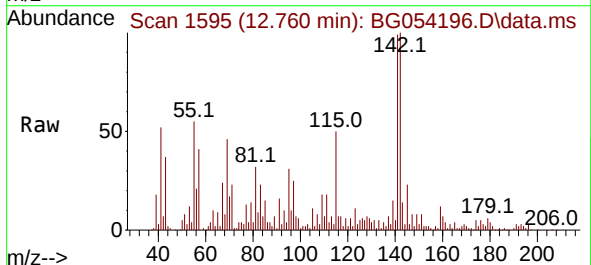
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

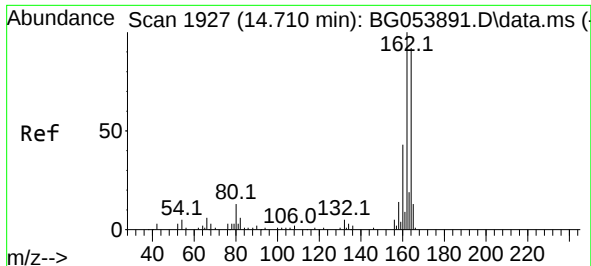
Tgt Ion:142 Resp: 127386
Ion Ratio Lower Upper
142 100
141 99.1 72.3 108.5
115 50.2 33.7 50.5



#38
1-Methylnaphthalene
Concen: 49.100 ng
RT: 12.760 min Scan# 1595
Delta R.T. 0.013 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:142 Resp: 127386
Ion Ratio Lower Upper
142 100
141 99.1 76.4 114.6
116 6.7 3.3 4.9#

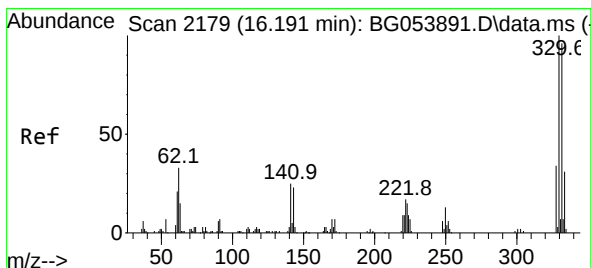
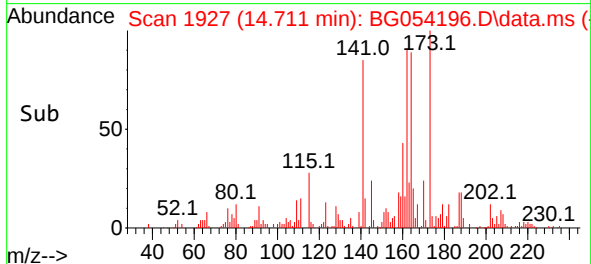
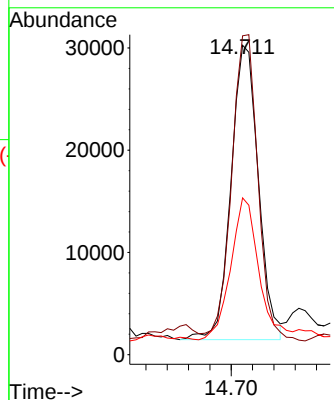
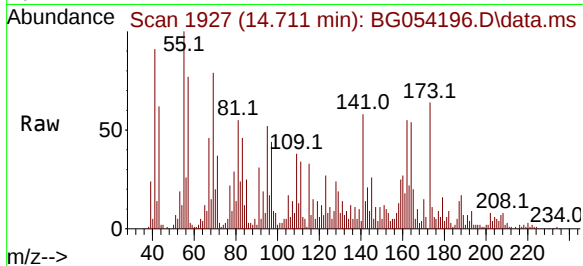




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.013 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

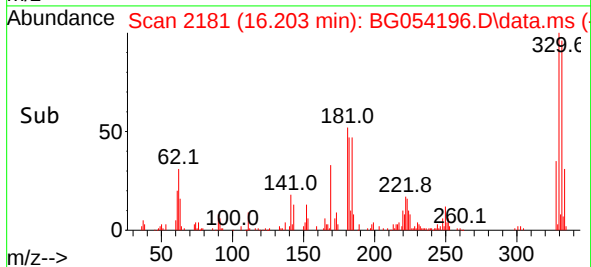
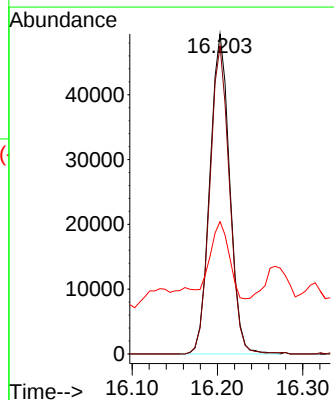
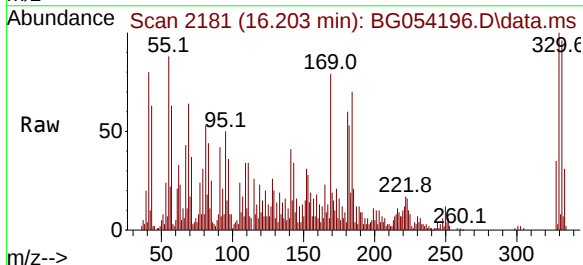
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

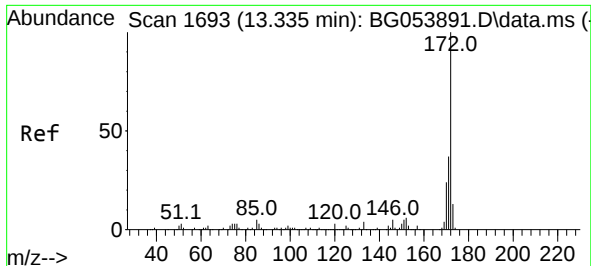
Tgt Ion:164 Resp: 51472
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 50.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 95.961 ng
RT: 16.203 min Scan# 2181
Delta R.T. 0.019 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:330 Resp: 79359
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 23.1 27.1 40.7#

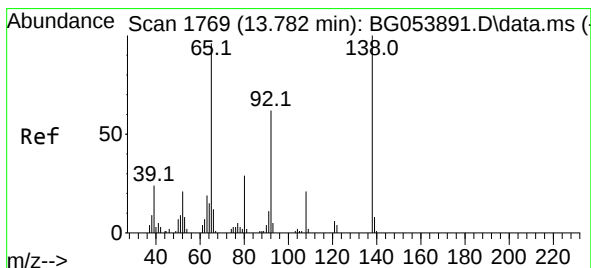
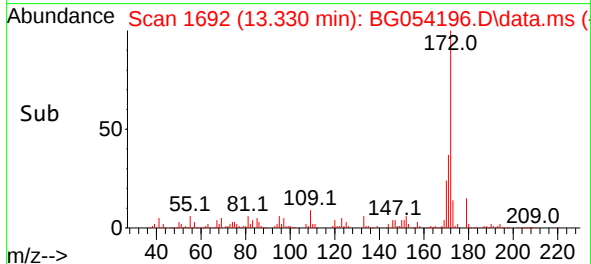
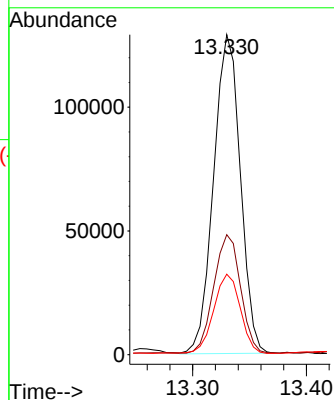
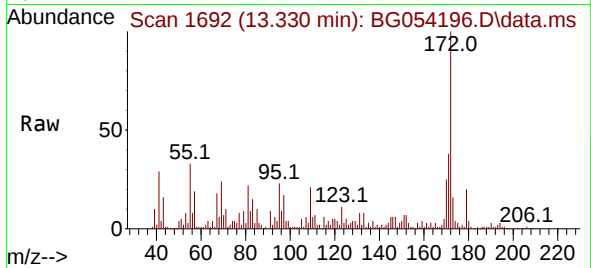




#45
2-Fluorobiphenyl
Concen: 59.565 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

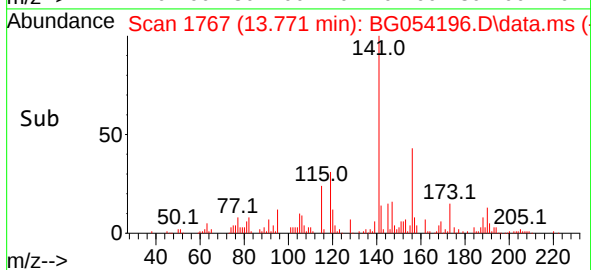
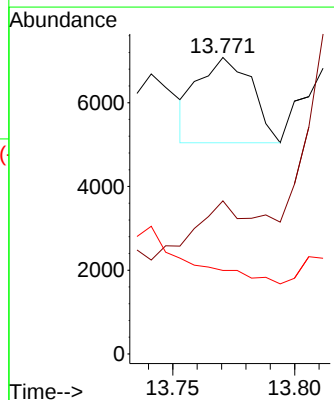
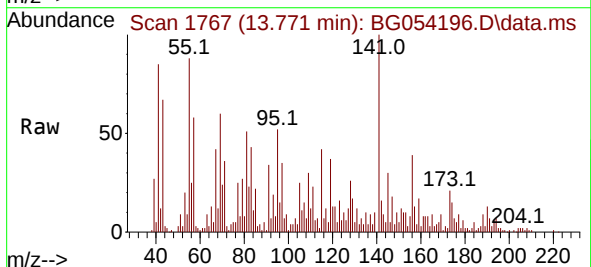
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

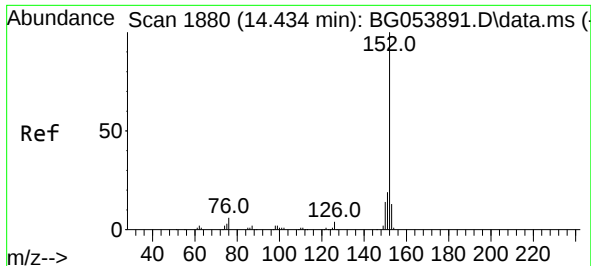
Tgt Ion:172 Resp: 210842
Ion Ratio Lower Upper
172 100
171 37.5 28.5 42.7
170 25.2 18.9 28.3



#48
2-Nitroaniline
Concen: 4.034 ng
RT: 13.771 min Scan# 1767
Delta R.T. 0.001 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion: 65 Resp: 3114
Ion Ratio Lower Upper
65 100
92 51.7 51.5 77.3
138 28.1 71.3 106.9#

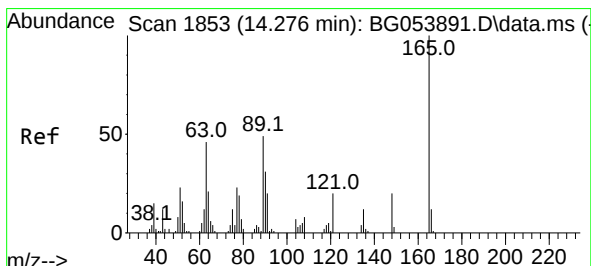
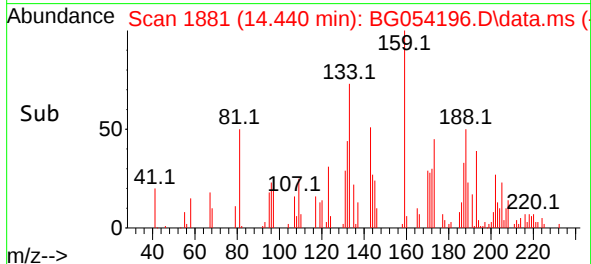
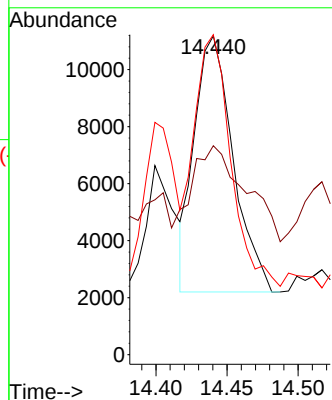
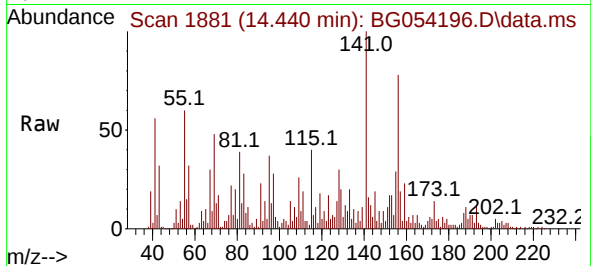




#49
Acenaphthylene
Concen: 3.760 ng
RT: 14.440 min Scan# 1881
Delta R.T. 0.019 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

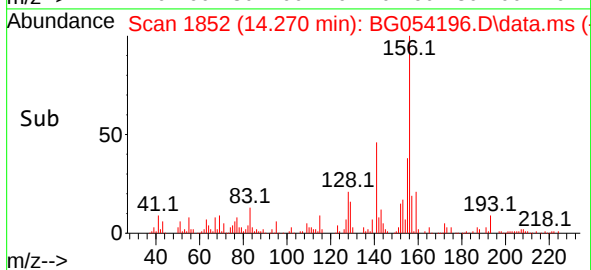
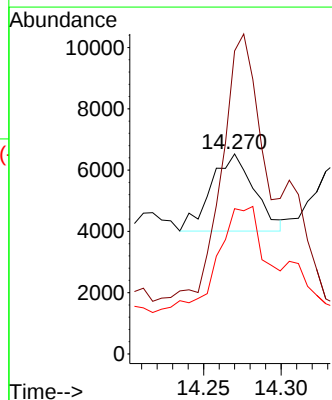
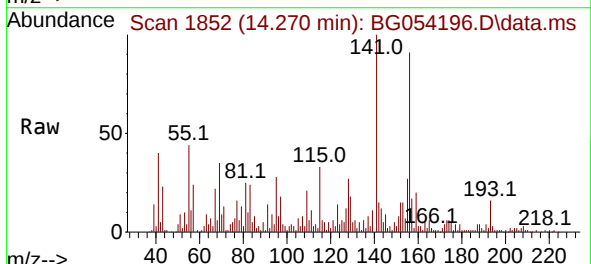
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

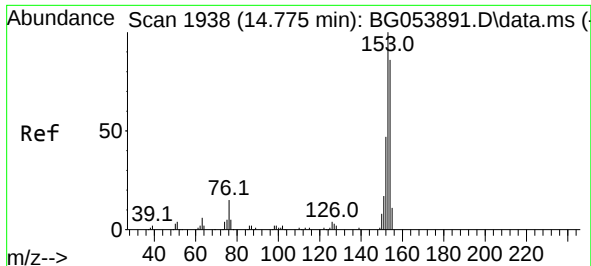
Tgt Ion:152 Resp: 16963
Ion Ratio Lower Upper
152 100
151 65.6 16.4 24.6#
153 100.4 10.8 16.2#



#51
2,6-Dinitrotoluene
Concen: 6.189 ng
RT: 14.270 min Scan# 1852
Delta R.T. 0.007 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:165 Resp: 4902
Ion Ratio Lower Upper
165 100
63 151.6 54.1 81.1#
89 72.7 54.8 82.2

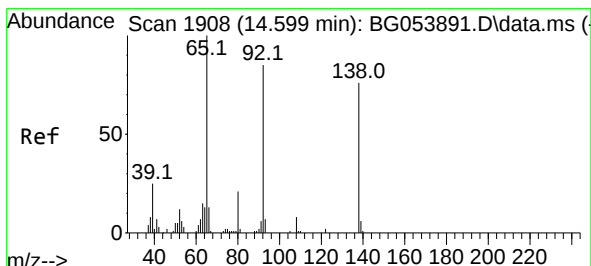
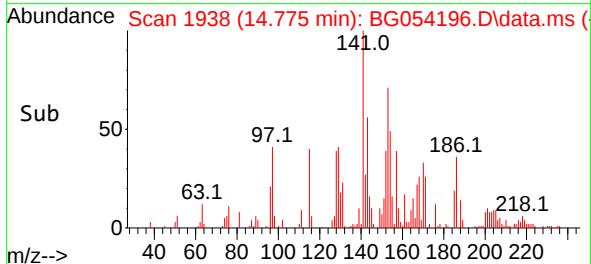
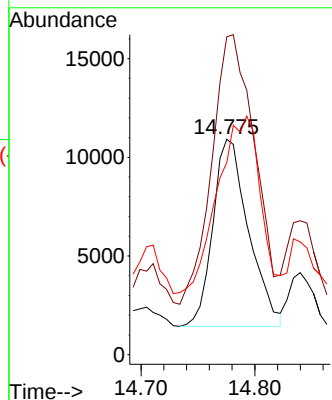
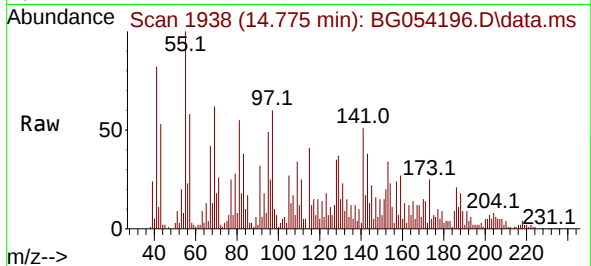




#52
Acenaphthene
Concen: 7.179 ng
RT: 14.775 min Scan# 1913
Delta R.T. 0.013 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

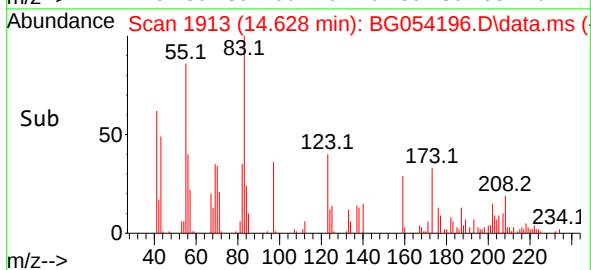
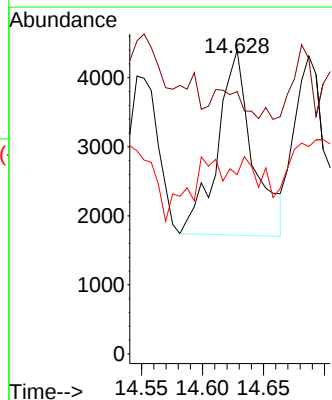
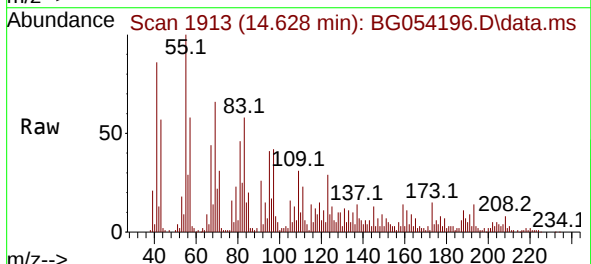
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

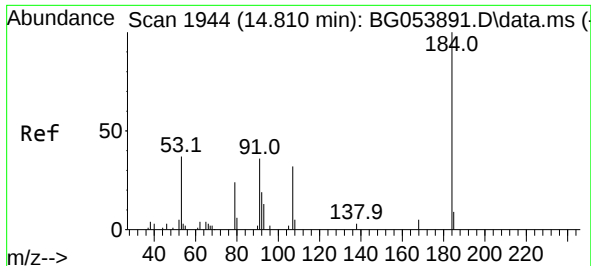
Tgt Ion:154 Resp: 20647
Ion Ratio Lower Upper
154 100
153 147.6 92.7 139.1#
152 89.2 42.6 64.0#



#53
3-Nitroaniline
Concen: 7.062 ng
RT: 14.628 min Scan# 1913
Delta R.T. 0.036 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:138 Resp: 5419
Ion Ratio Lower Upper
138 100
108 86.4 9.2 13.8#
92 59.1 101.9 152.9#

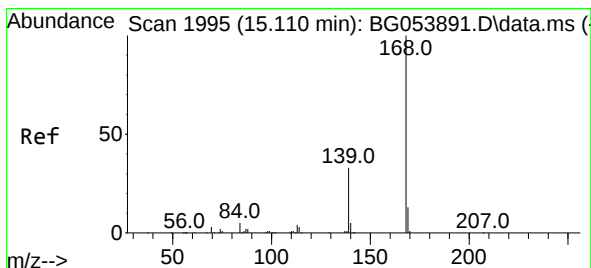
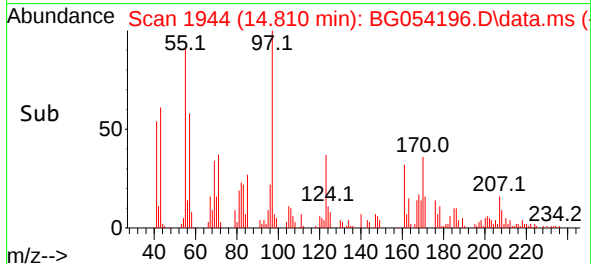
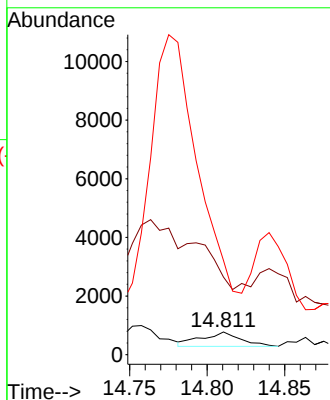
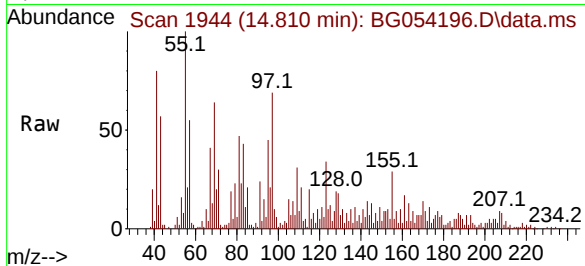




#54
2,4-Dinitrophenol
Concen: 8.872 ng
RT: 14.810 min Scan# 1944
Delta R.T. 0.007 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

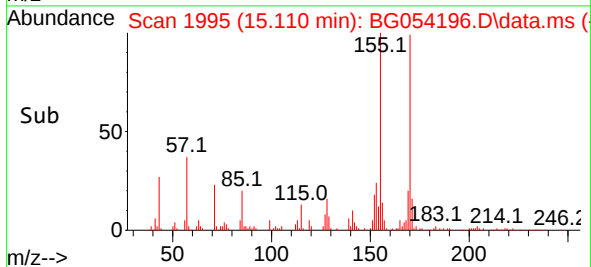
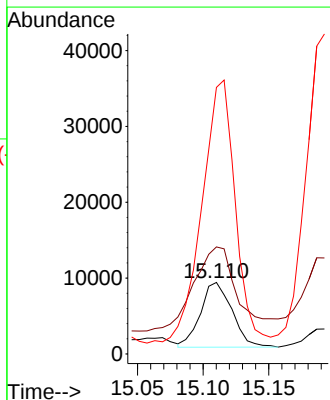
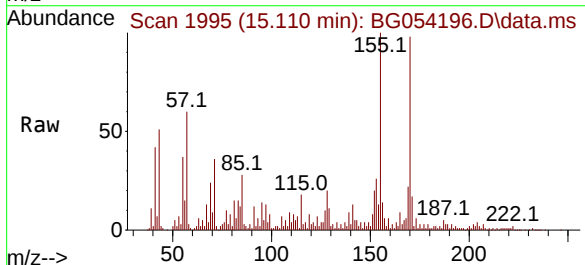
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

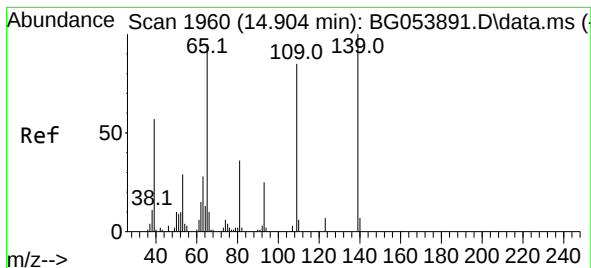
Tgt Ion:184 Resp: 873
Ion Ratio Lower Upper
184 100
63 341.4 61.1 91.7#
154 415.1 60.6 91.0#



#55
Dibenzofuran
Concen: 3.090 ng
RT: 15.110 min Scan# 1995
Delta R.T. 0.019 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:168 Resp: 14317
Ion Ratio Lower Upper
168 100
139 149.8 30.5 45.7#
169 373.0 10.3 15.5#

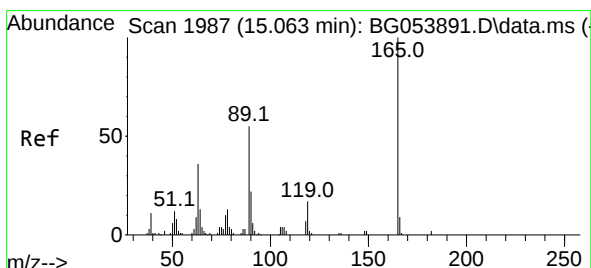
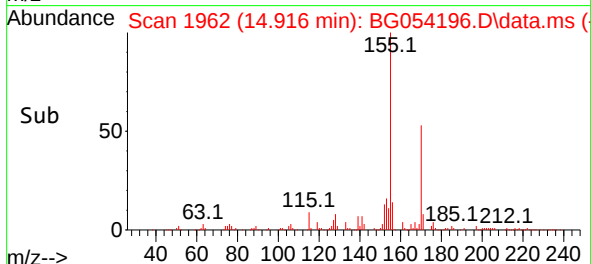
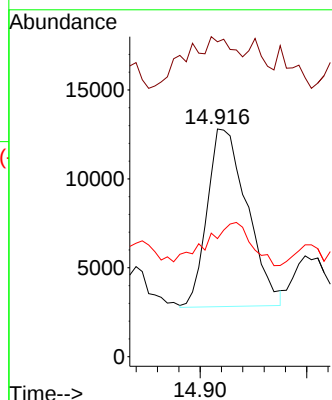
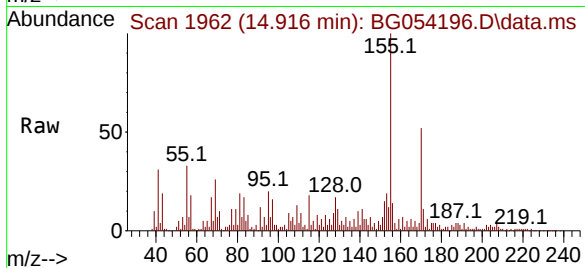




#56
4-Nitrophenol
Concen: 47.913 ng
RT: 14.916 min Scan# 1962
Delta R.T. 0.019 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

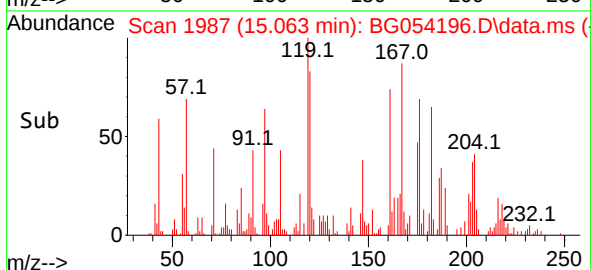
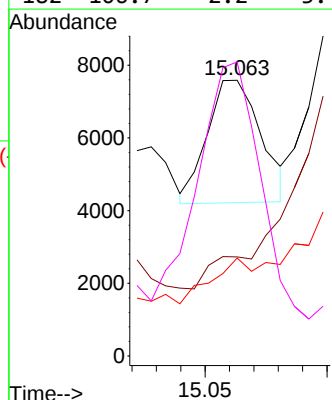
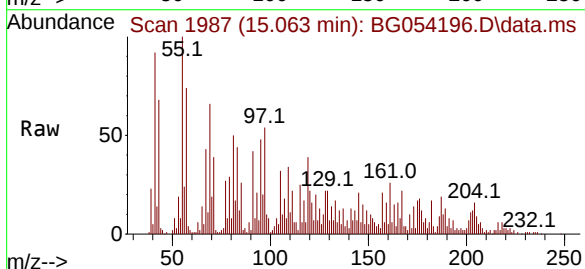
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

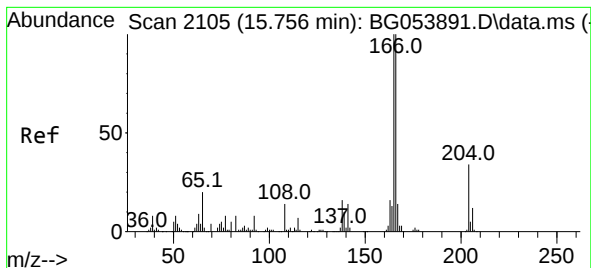
Tgt Ion:139 Resp: 26101
Ion Ratio Lower Upper
139 100
109 138.3 88.5 128.5#
65 51.8 93.9 133.9#



#57
2,4-Dinitrotoluene
Concen: 4.615 ng
RT: 15.063 min Scan# 1987
Delta R.T. 0.013 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:165 Resp: 5162
Ion Ratio Lower Upper
165 100
63 36.0 34.6 52.0
89 35.5 60.3 90.5#
182 106.7 2.2 3.4#





#58

Fluorene

Concen: 18.157 ng

RT: 15.762 min Scan# 2106

Delta R.T. 0.019 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-2

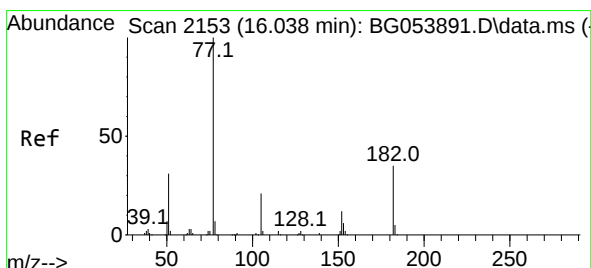
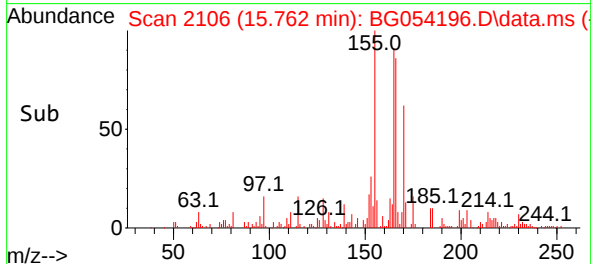
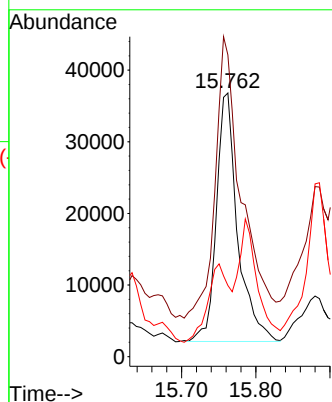
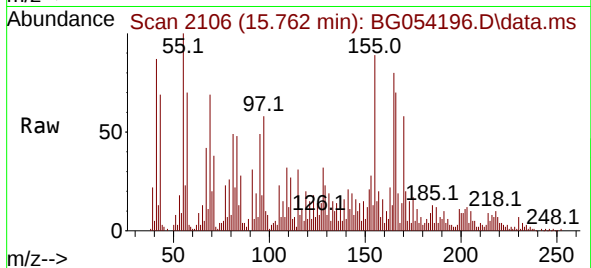
Tgt Ion:166 Resp: 69079

Ion Ratio Lower Upper

166 100

165 114.5 75.0 112.6#

167 27.0 10.8 16.2#



#63

Azobenzene

Concen: 3.093 ng

RT: 16.050 min Scan# 2155

Delta R.T. 0.024 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

Tgt Ion: 77 Resp: 9451

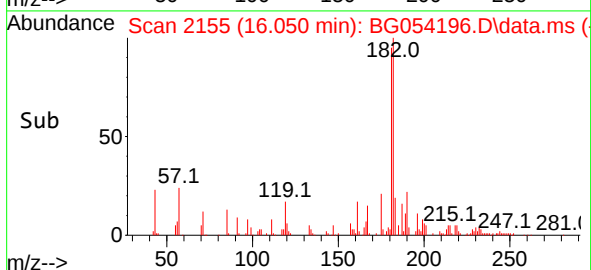
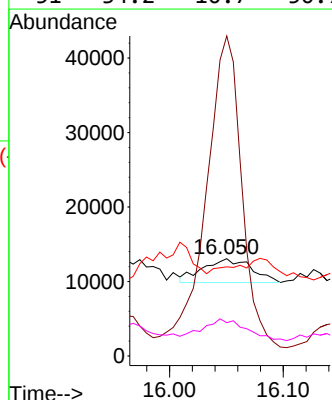
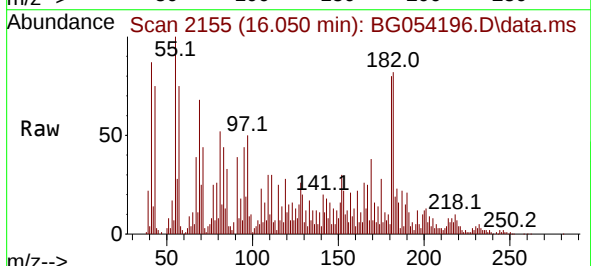
Ion Ratio Lower Upper

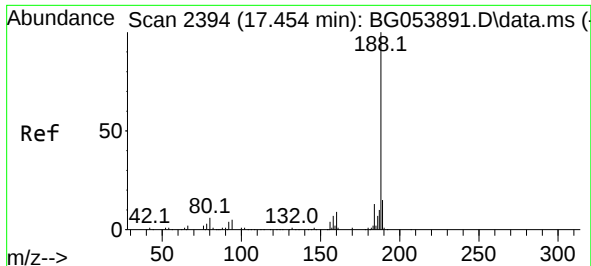
77 100

182 329.0 3.8 43.8#

105 91.5 0.0 37.8#

51 34.2 10.7 50.7

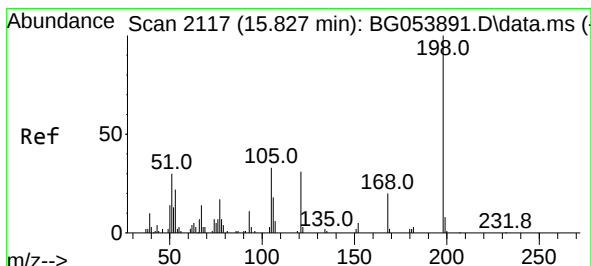
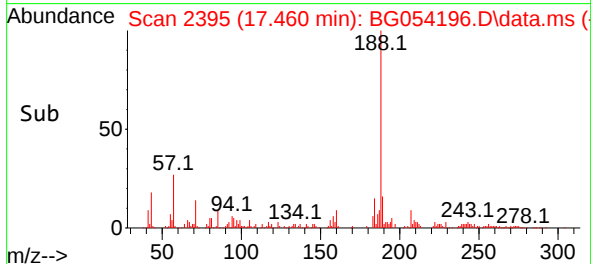
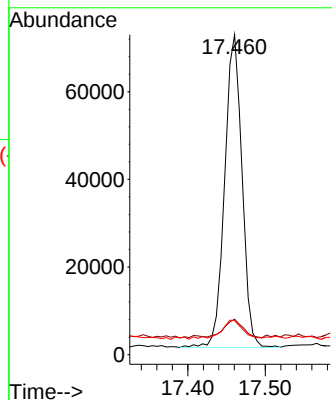
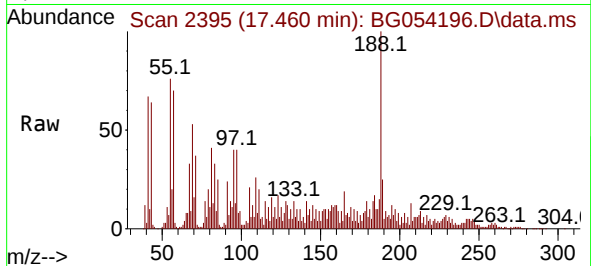




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2113
Delta R.T. 0.019 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

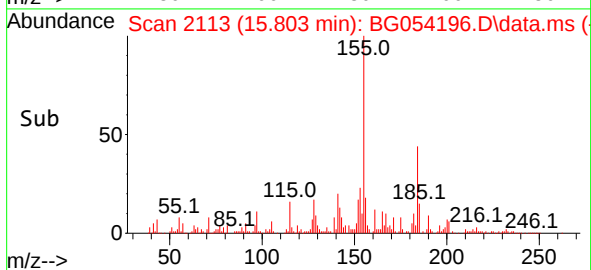
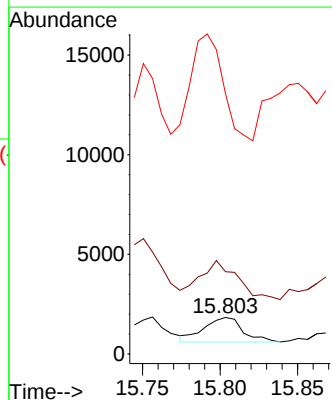
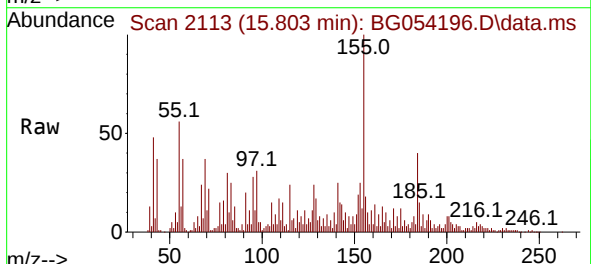
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

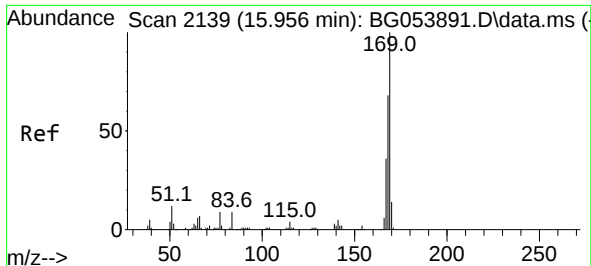
Tgt Ion:188 Resp: 110929
Ion Ratio Lower Upper
188 100
94 11.1 5.4 8.0#
80 10.6 6.8 10.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 3.867 ng
RT: 15.803 min Scan# 2113
Delta R.T. -0.011 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:198 Resp: 2140
Ion Ratio Lower Upper
198 100
51 225.8 28.1 68.1#
105 714.2 20.3 60.3#

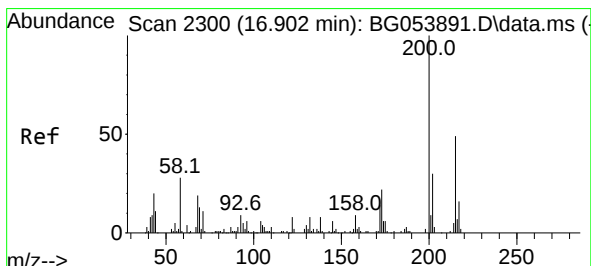
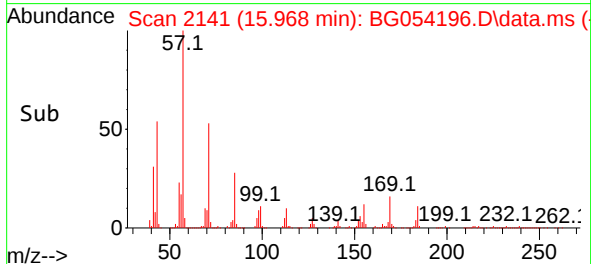
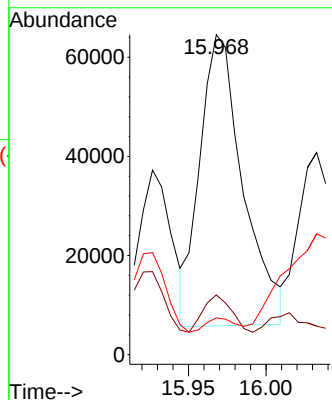
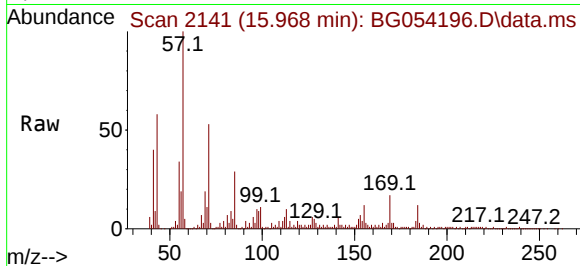




#66
n-Nitrosodiphenylamine
Concen: 39.342 ng
RT: 15.968 min Scan# 2139
Delta R.T. 0.024 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

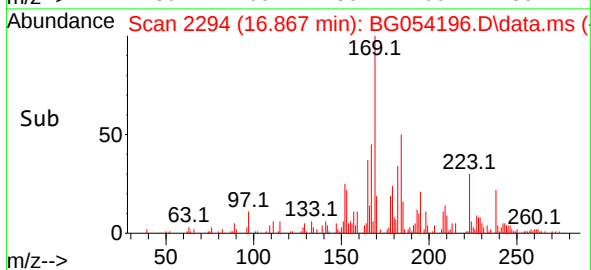
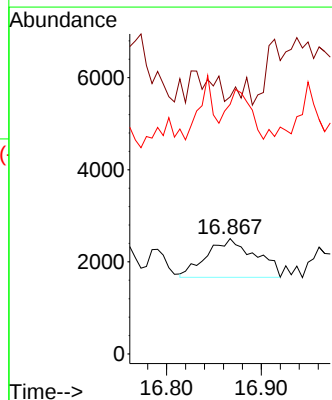
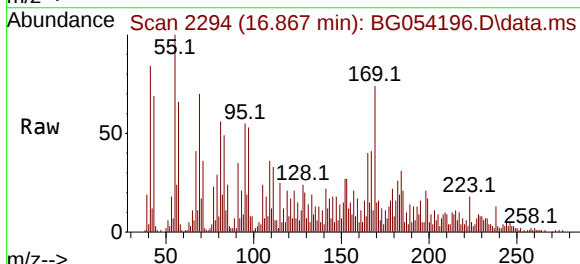
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

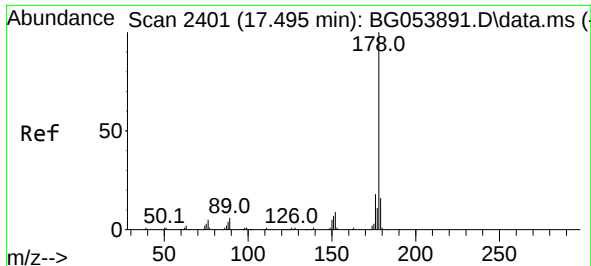
Tgt Ion:169 Resp: 113740
Ion Ratio Lower Upper
169 100
168 18.7 55.9 83.9#
167 11.5 30.6 46.0#



#69
Atrazine
Concen: 2.486 ng
RT: 16.867 min Scan# 2294
Delta R.T. -0.023 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:200 Resp: 2977
Ion Ratio Lower Upper
200 100
173 222.9 3.7 43.7#
215 216.4 25.2 65.2#

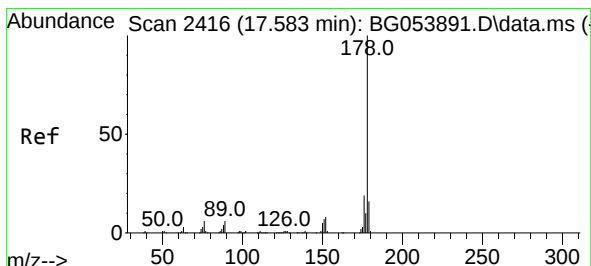
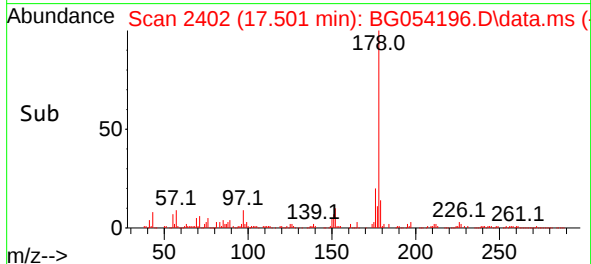
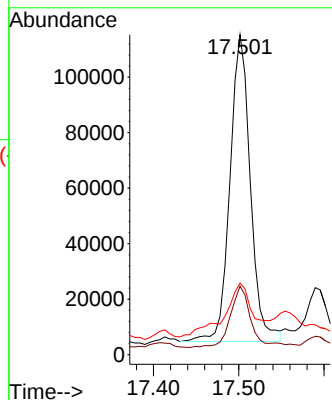
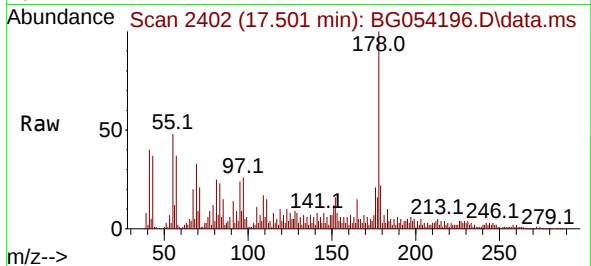




#71
Phenanthrene
Concen: 32.427 ng
RT: 17.501 min Scan# 2401
Delta R.T. 0.019 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

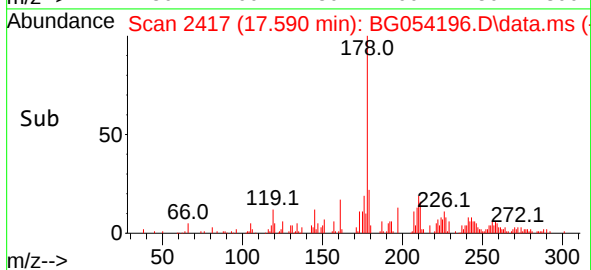
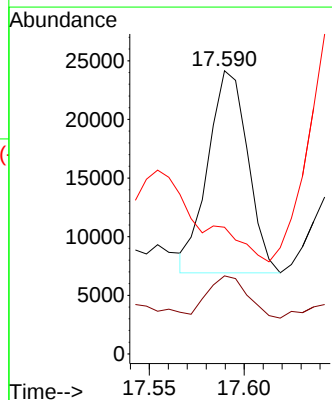
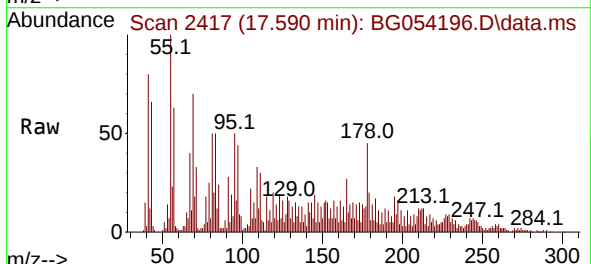
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

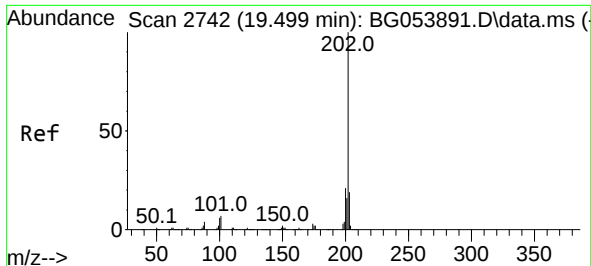
Tgt Ion:178 Resp: 184811
Ion Ratio Lower Upper
178 100
176 21.4 14.1 21.1#
179 22.3 12.1 18.1#



#72
Anthracene
Concen: 4.534 ng
RT: 17.590 min Scan# 2417
Delta R.T. 0.013 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:178 Resp: 25231
Ion Ratio Lower Upper
178 100
176 27.6 15.2 22.8#
179 44.7 13.0 19.4#

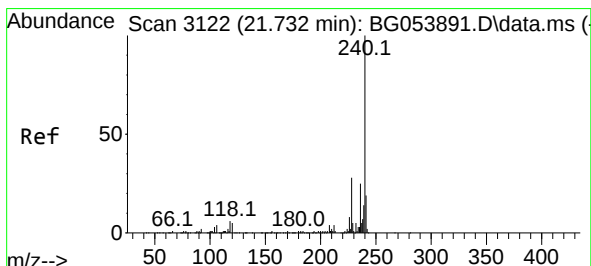
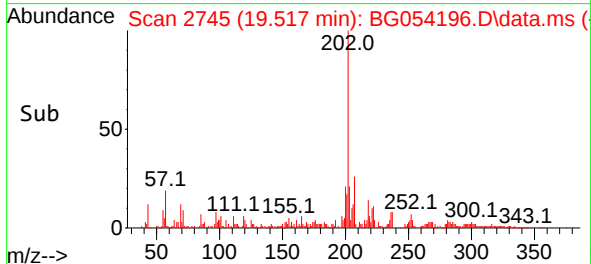
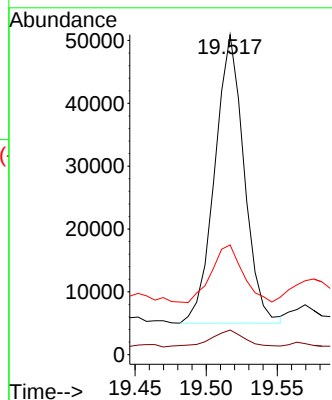
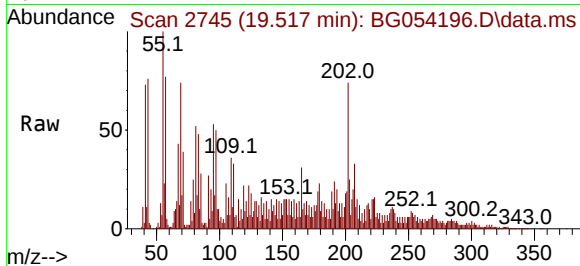




#75
Fluoranthene
Concen: 8.784 ng
RT: 19.517 min Scan# 21
Delta R.T. 0.024 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

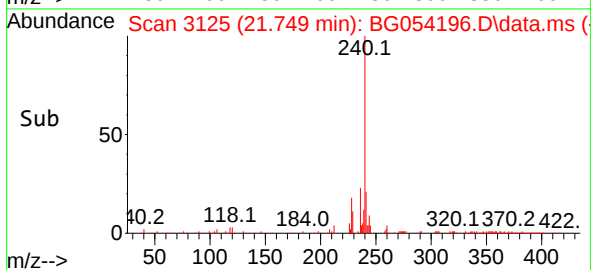
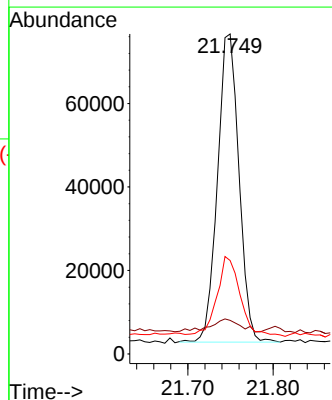
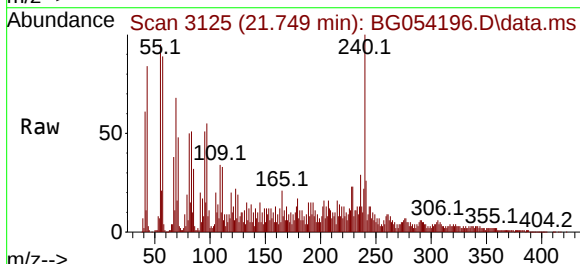
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-2

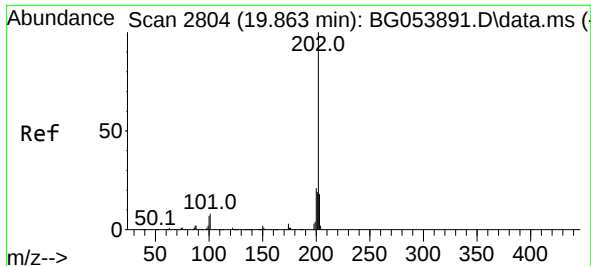
Tgt Ion:202 Resp: 65719
Ion Ratio Lower Upper
202 100
101 7.7 0.0 26.9
203 34.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3125
Delta R.T. 0.030 min
Lab File: BG054196.D
Acq: 1 Jul 2022 18:15

Tgt Ion:240 Resp: 128874
Ion Ratio Lower Upper
240 100
120 10.5 4.6 7.0#
236 29.2 20.2 30.4

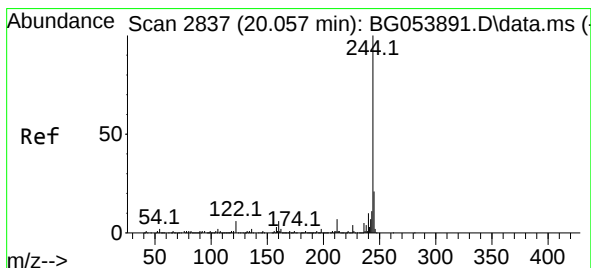
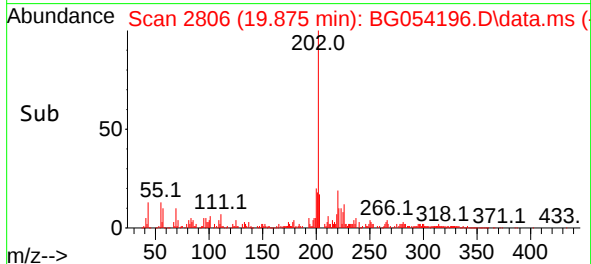
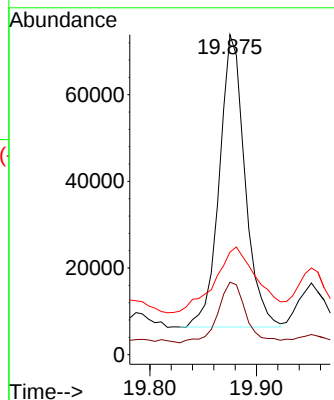
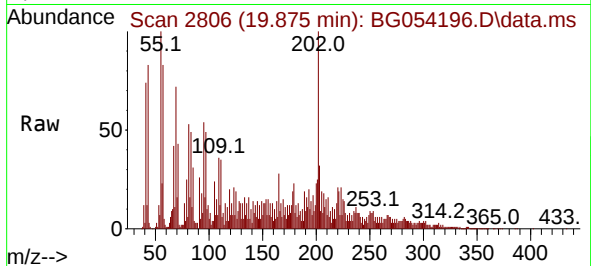




#78
 Pyrene
 Concen: 14.467 ng
 RT: 19.875 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BG054196.D
 Acq: 1 Jul 2022 18:15

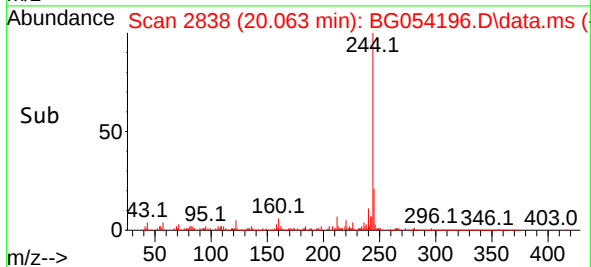
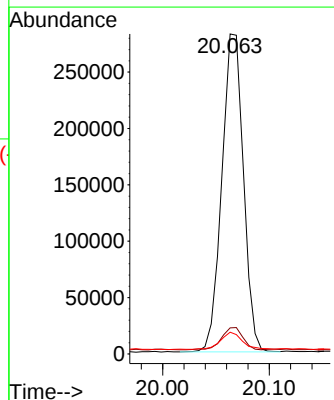
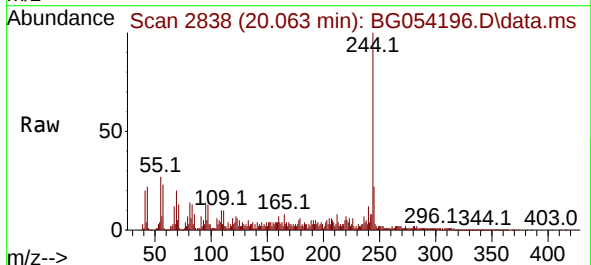
Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-11-2

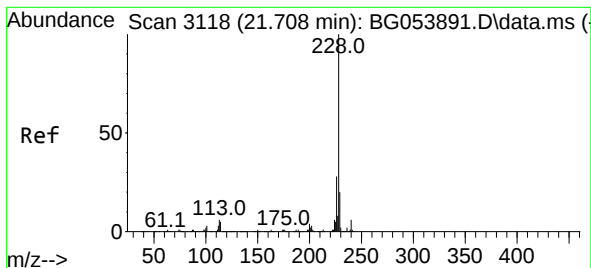
Tgt Ion:202 Resp: 112604
 Ion Ratio Lower Upper
 202 100
 200 22.7 16.6 24.8
 203 32.1 14.6 21.8#



#79
 Terphenyl-d14
 Concen: 61.964 ng
 RT: 20.063 min Scan# 2838
 Delta R.T. 0.019 min
 Lab File: BG054196.D
 Acq: 1 Jul 2022 18:15

Tgt Ion:244 Resp: 396483
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 6.8 5.0 7.4





#81

Benzo(a)anthracene

Concen: 7.048 ng

RT: 21.726 min Scan# 3118

Delta R.T. 0.030 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-2

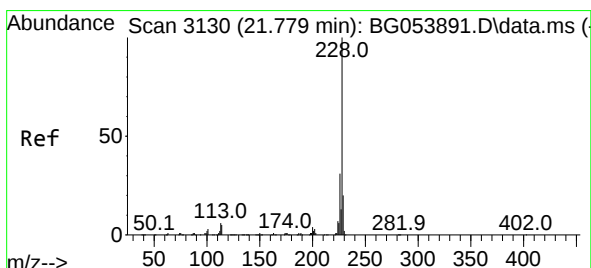
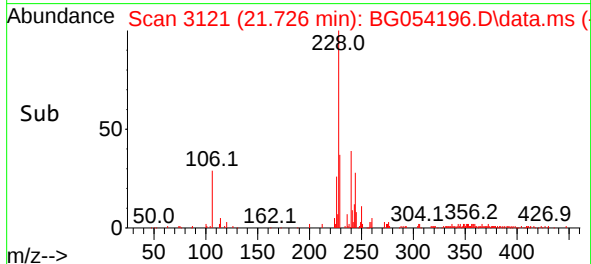
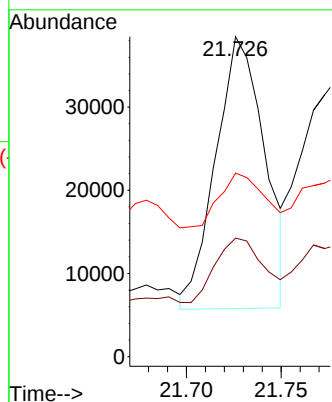
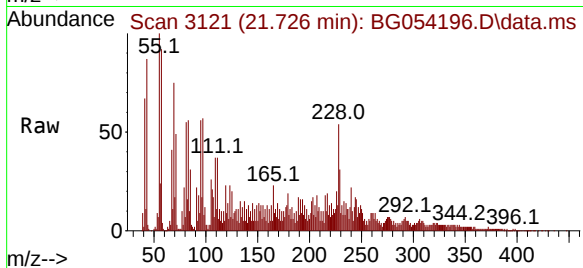
Tgt Ion:228 Resp: 58811

Ion Ratio Lower Upper

228 100

226 37.1 21.6 32.4#

229 57.4 16.2 24.2#



#83

Chrysene

Concen: 12.550 ng

RT: 21.796 min Scan# 3133

Delta R.T. 0.036 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

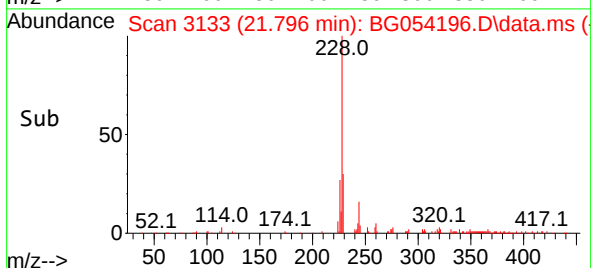
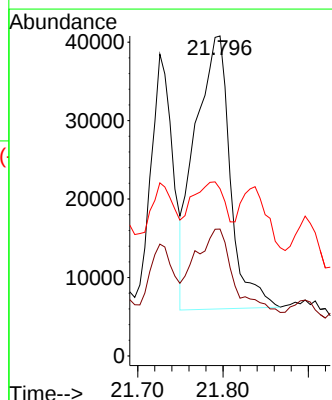
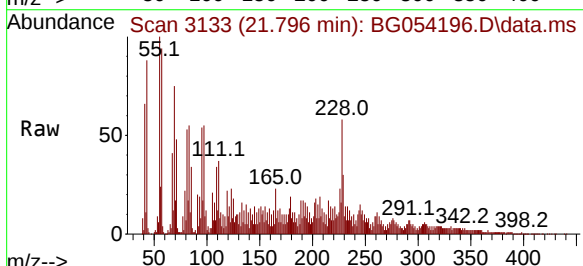
Tgt Ion:228 Resp: 99824

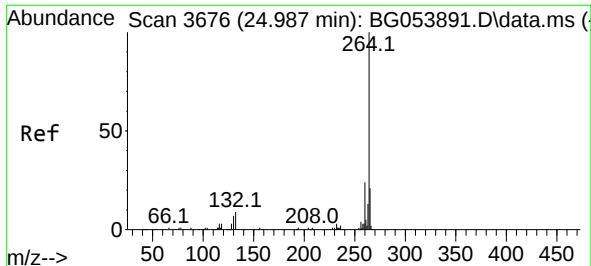
Ion Ratio Lower Upper

228 100

226 39.7 23.4 35.2#

229 52.2 15.5 23.3#

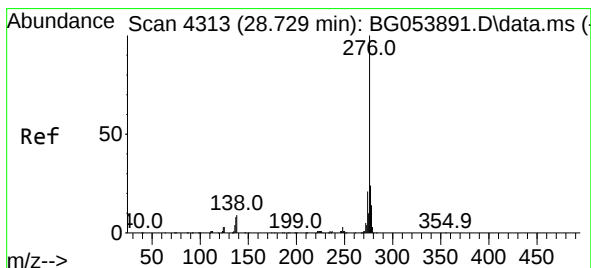
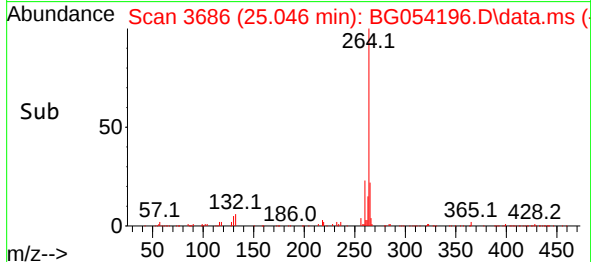
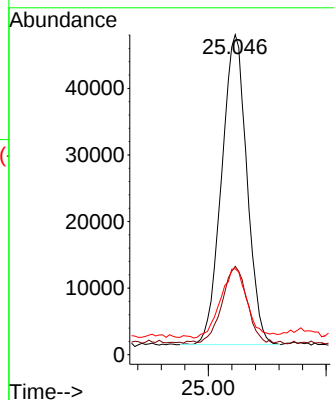
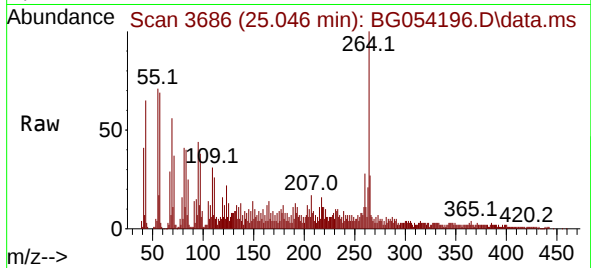




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.046 min Scan# 30
 Delta R.T. 0.083 min
 Lab File: BG054196.D
 Acq: 1 Jul 2022 18:15

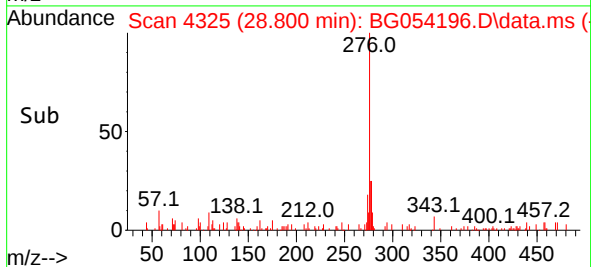
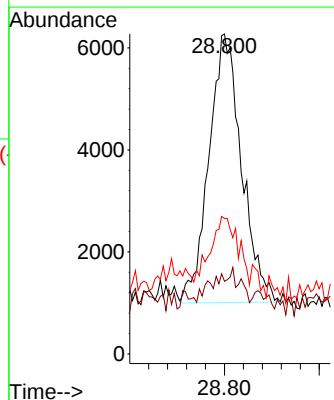
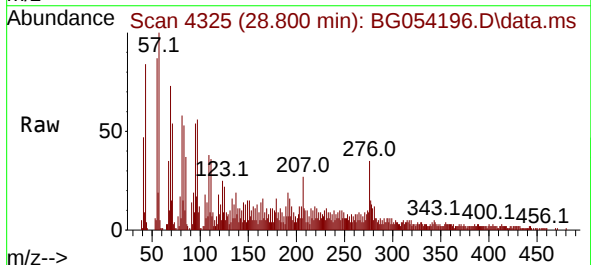
Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-11-2

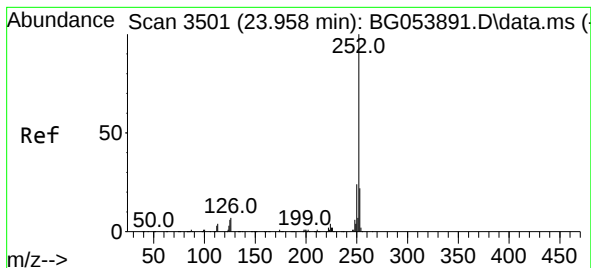
Tgt Ion:264 Resp: 138681
 Ion Ratio Lower Upper
 264 100
 260 27.6 19.0 28.6
 265 26.9 17.4 26.2#



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.407 ng
 RT: 28.800 min Scan# 4325
 Delta R.T. 0.113 min
 Lab File: BG054196.D
 Acq: 1 Jul 2022 18:15

Tgt Ion:276 Resp: 25191
 Ion Ratio Lower Upper
 276 100
 138 1.1 5.0 7.4#
 277 21.0 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 7.582 ng

RT: 24.000 min Scan# 3501

Delta R.T. 0.066 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-2

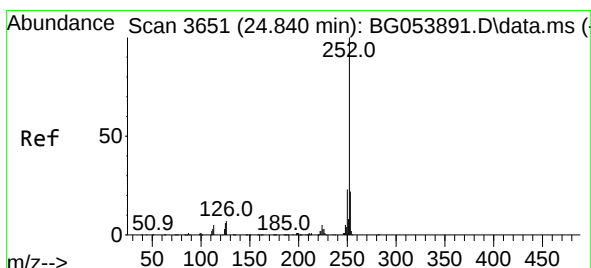
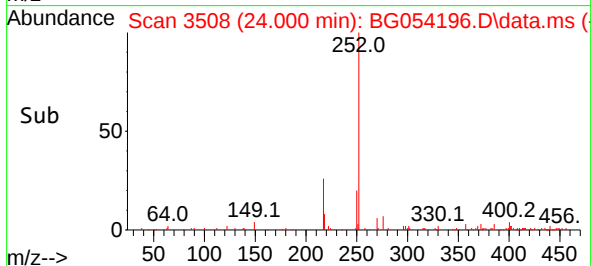
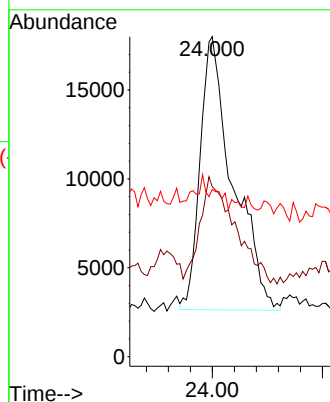
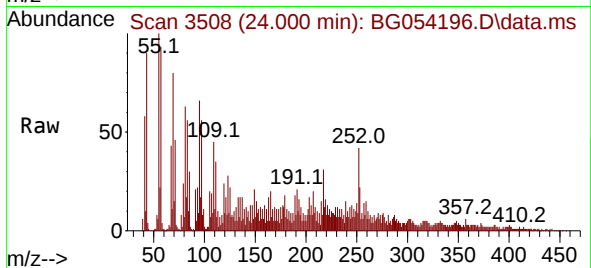
Tgt Ion:252 Resp: 63931

Ion Ratio Lower Upper

252 100

253 53.2 18.0 27.0#

125 52.2 4.6 6.8#



#90

Benzo(a)pyrene

Concen: 5.954 ng

RT: 24.881 min Scan# 3658

Delta R.T. 0.066 min

Lab File: BG054196.D

Acq: 1 Jul 2022 18:15

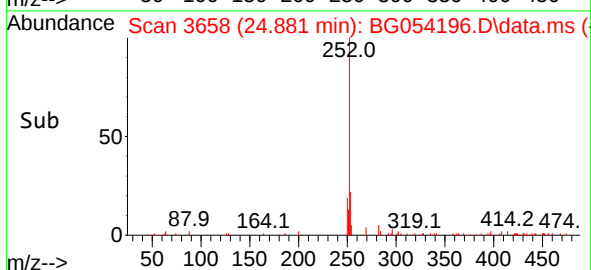
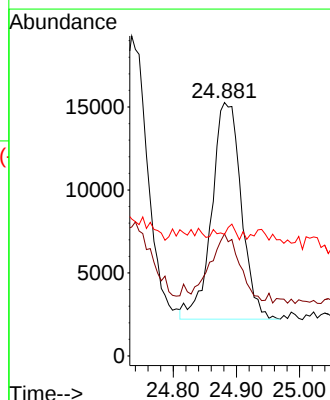
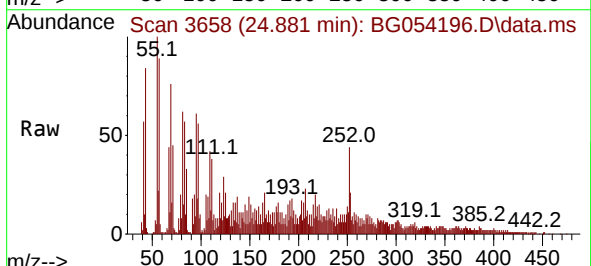
Tgt Ion:252 Resp: 42357

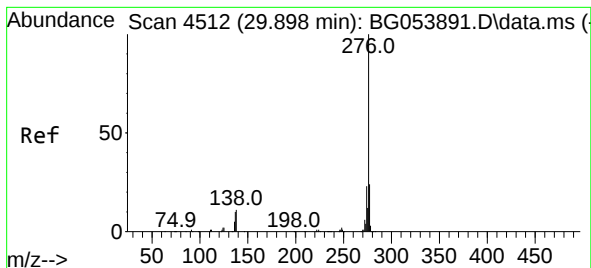
Ion Ratio Lower Upper

252 100

253 48.2 17.8 26.8#

125 48.0 4.3 6.5#





#92

Benzo(g,h,i)perylene

Concen: 3.776 ng

RT: 29.975 min Scan# 4

Delta R.T. 0.113 min

Lab File: BG054196.D

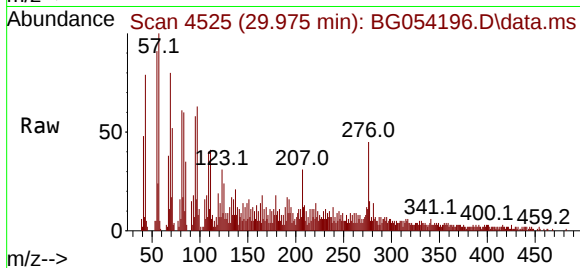
Acq: 1 Jul 2022 18:15

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-2



Tgt Ion:276 Resp: 32251

Ion Ratio Lower Upper

276 100

277 33.6 17.3 25.9#

138 17.4 9.6 14.4#

