

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054860.D
 Acq On : 6 Sep 2022 20:42
 Operator : CG/JU
 Sample : N4490-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14-B-SP

Quant Time: Sep 07 05:00:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	50488	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	191062	20.000	ng	# 0.00
39) Acenaphthene-d10	14.795	164	117481	20.000	ng	0.00
64) Phenanthrene-d10	17.550	188	210645	20.000	ng	# 0.02
76) Chrysene-d12	21.863	240	190884	20.000	ng	# 0.04
86) Perylene-d12	25.306	264	217921	20.000	ng	# 0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	196150	67.653	ng	0.00
7) Phenol-d6	7.303	99	259398	65.420	ng	0.00
23) Nitrobenzene-d5	9.325	82	203705	55.970	ng	0.00
42) 2,4,6-Tribromophenol	16.293	330	89807	61.176	ng	0.02
45) 2-Fluorobiphenyl	13.414	172	380190	48.640	ng	0.00
79) Terphenyl-d14	20.147	244	484567	50.298	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.286	77	11268	4.336	ng	# 56
18) Hexachloroethane	9.266	117	48774	36.376	ng	# 1
19) n-Nitroso-di-n-propyla...	8.919	70	20079	7.364	ng	# 73
22) Acetophenone	8.954	105	12652	2.647	ng	# 58
24) Nitrobenzene	9.348	77	14443	3.937	ng	# 51
25) Isophorone	9.889	82	99066	14.598	ng	# 1
26) 2-Nitrophenol	10.077	139	10013	6.179	ng	# 1
31) Naphthalene	11.028	128	31866	3.109	ng	# 18
32) Benzoic acid	10.288	122	1160	8.334	ng	# 1
33) 4-Chloroaniline	11.087	127	15579	3.728	ng	# 1
35) Caprolactam	11.886	113	6154	5.973	ng	# 1
37) 2-Methylnaphthalene	12.632	142	31251	4.350	ng	# 82
38) 1-Methylnaphthalene	12.850	142	48494	6.937	ng	# 91
48) 2-Nitroaniline	13.831	65	7769	3.741	ng	# 55
51) 2,6-Dinitrotoluene	14.395	165	6093	3.291	ng	# 59
52) Acenaphthene	14.859	154	47072	6.702	ng	# 88
53) 3-Nitroaniline	14.695	138	10515	5.074	ng	# 29
54) 2,4-Dinitrophenol	14.871	184	1139	7.699	ng	# 1
55) Dibenzofuran	15.194	168	28796	2.790	ng	# 1
56) 4-Nitrophenol	15.000	139	24614	15.348	ng	# 1
58) Fluorene	15.846	166	67203	7.730	ng	# 69
62) 4-Nitroaniline	15.670	138	11644	5.503	ng	# 85
65) 4,6-Dinitro-2-methylph...	15.882	198	3693	3.444	ng	# 1
66) n-Nitrosodiphenylamine	16.046	169	191498	31.524	ng	# 41
69) Atrazine	16.945	200	6728	3.139	ng	# 1
71) Phenanthrene	17.597	178	222533	19.831	ng	# 85
72) Anthracene	17.685	178	28780	2.638	ng	# 40
75) Fluoranthene	19.601	202	172266	12.620	ng	# 85
78) Pyrene	19.965	202	338175	25.407	ng	# 89
81) Benzo(a)anthracene	21.845	228	348604	26.935	ng	# 79
82) 3,3'-Dichlorobenzidine	21.722	252	11968	2.637	ng	# 1
83) Chrysene	21.916	228	583947	47.188	ng	# 87
87) Indeno(1,2,3-cd)pyrene	29.254	276	147000	8.885	ng	# 81
88) Benzo(b)fluoranthene	24.213	252	400581	29.303	ng	# 53
89) Benzo(k)fluoranthene	24.213	252	400581	29.116	ng	# 53
90) Benzo(a)pyrene	25.147	252	366189	31.353	ng	# 65

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

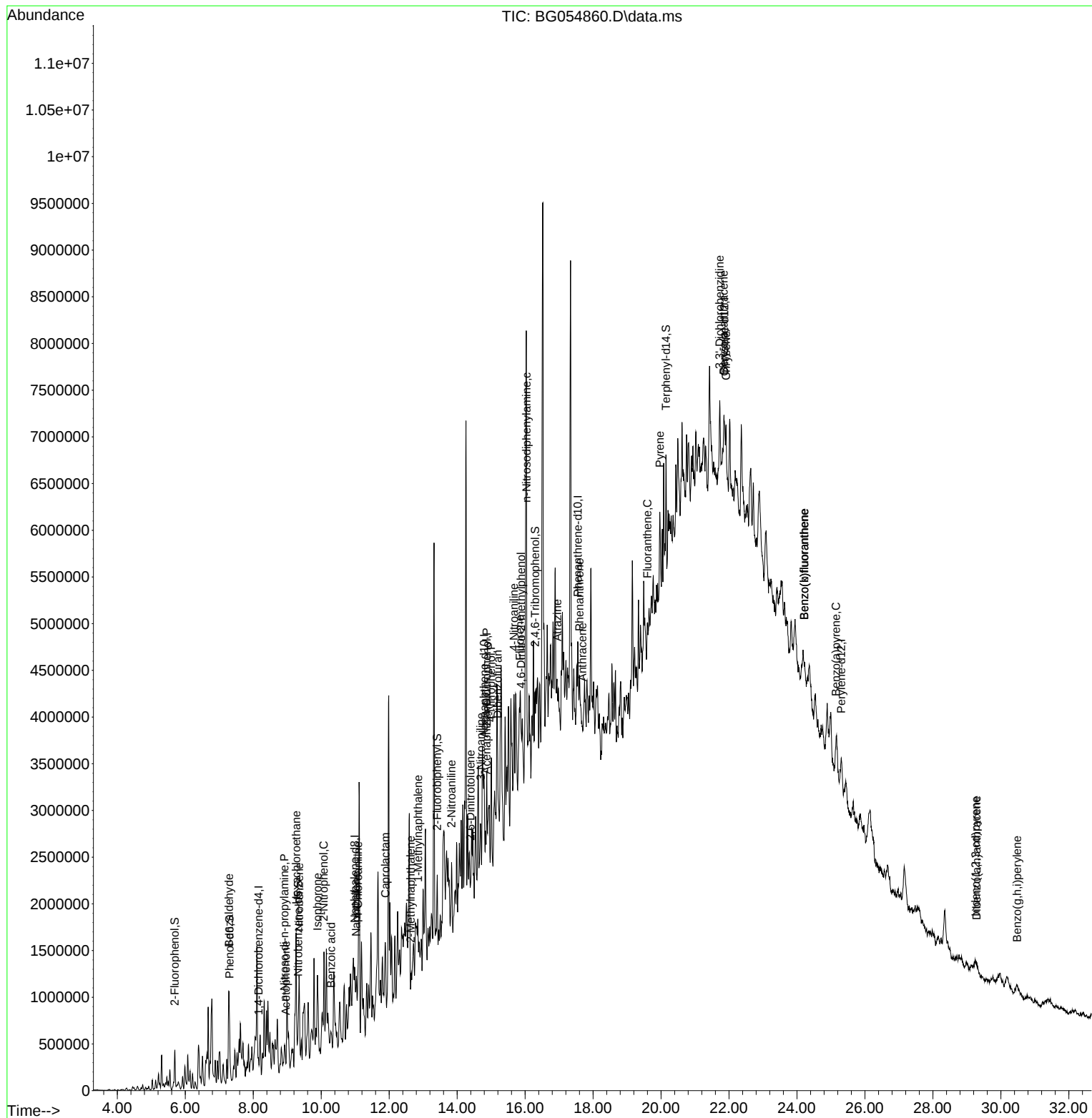
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	29.284	278	151873	11.268	ng	# 58
92) Benzo(g,h,i)perylene	30.482	276	248990	18.286	ng	# 89

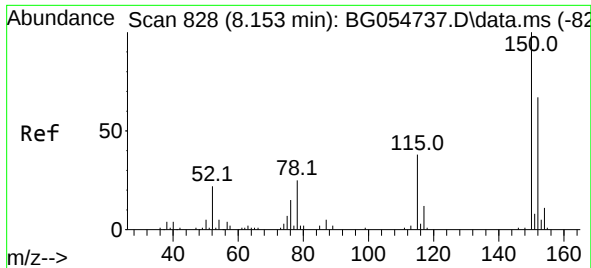
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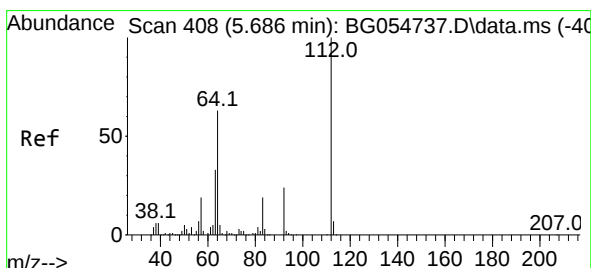
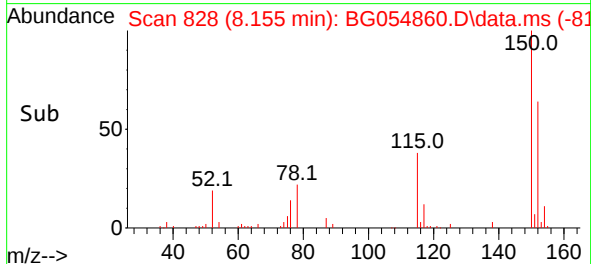
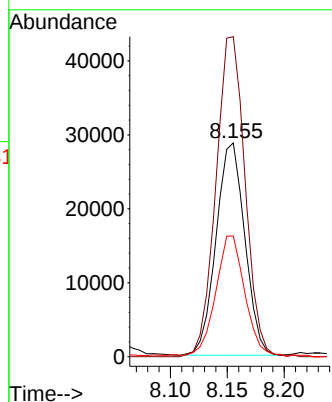
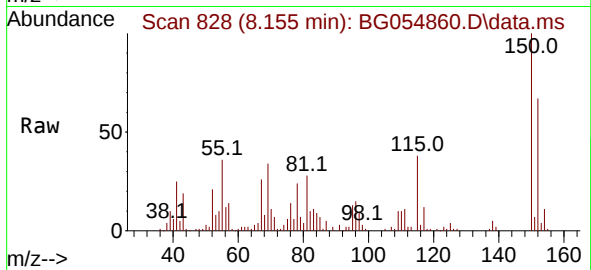




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.155 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

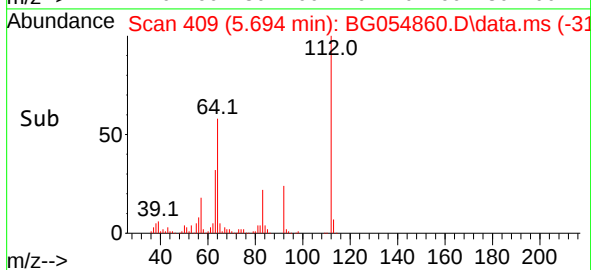
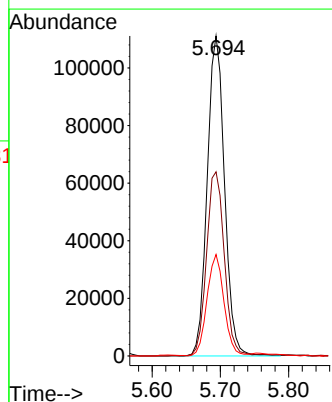
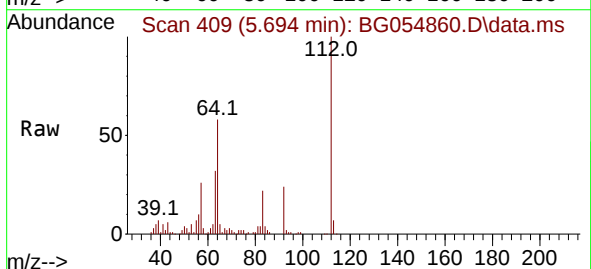
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

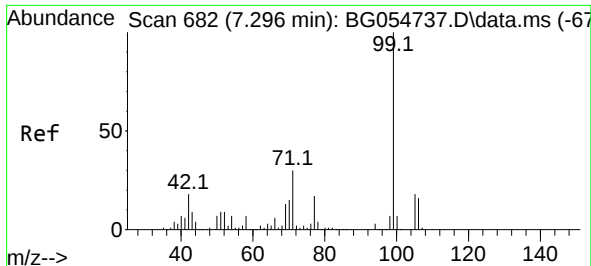
Tgt Ion:152 Resp: 50488
Ion Ratio Lower Upper
152 100
150 149.7 125.2 187.8
115 56.5 47.9 71.9



#5
2-Fluorophenol
Concen: 67.653 ng
RT: 5.694 min Scan# 409
Delta R.T. 0.008 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:112 Resp: 196150
Ion Ratio Lower Upper
112 100
64 57.6 49.3 73.9
63 31.7 26.3 39.5

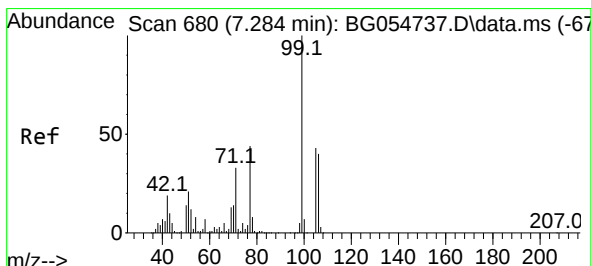
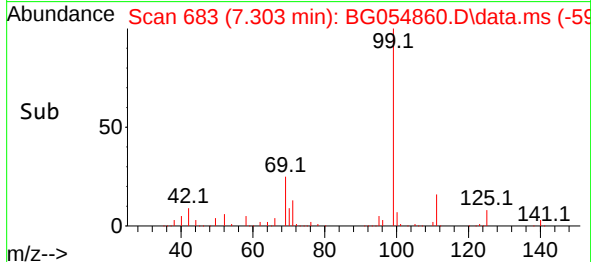
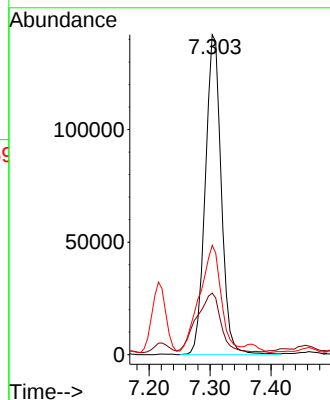
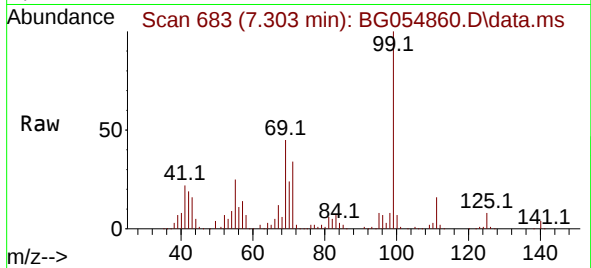




#7
Phenol-d6
Concen: 65.420 ng
RT: 7.303 min Scan# 683
Delta R.T. 0.008 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

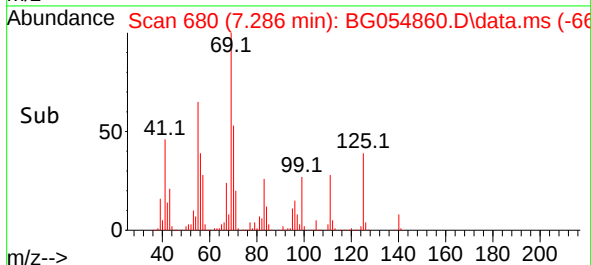
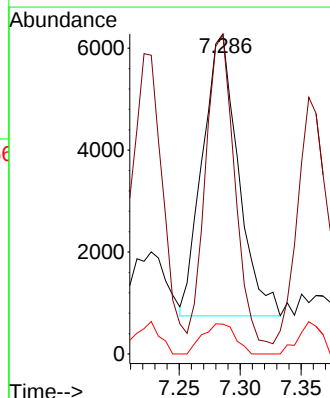
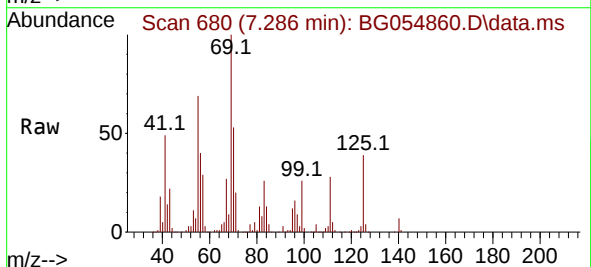
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

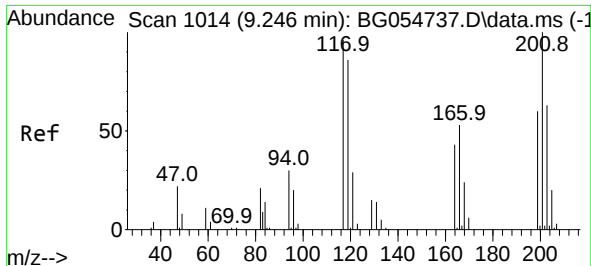
Tgt Ion: 99 Resp: 259398
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 34.2 24.6 37.0



#9
Benzaldehyde
Concen: 4.336 ng
RT: 7.286 min Scan# 680
Delta R.T. 0.002 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion: 77 Resp: 11268
Ion Ratio Lower Upper
77 100
105 99.8 75.3 115.3
106 9.3 70.2 110.2#

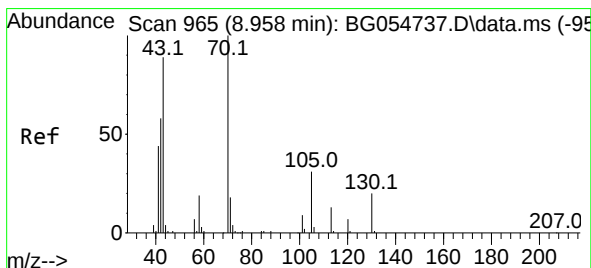
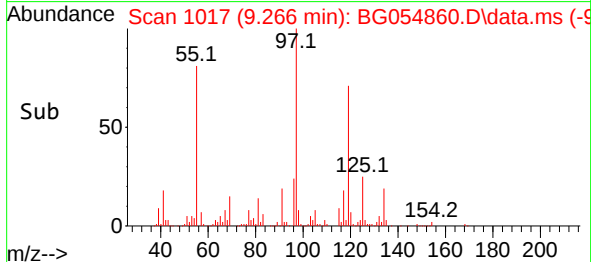
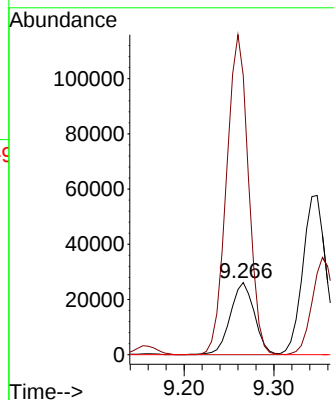
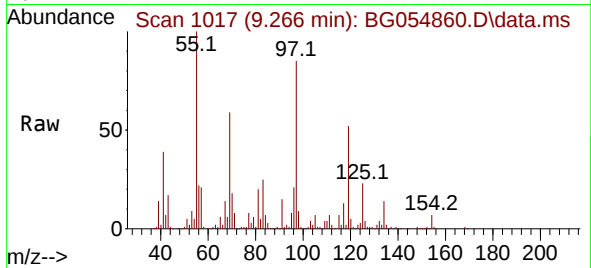




#18
Hexachloroethane
Concen: 36.376 ng
RT: 9.266 min Scan# 1014
Delta R.T. 0.019 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

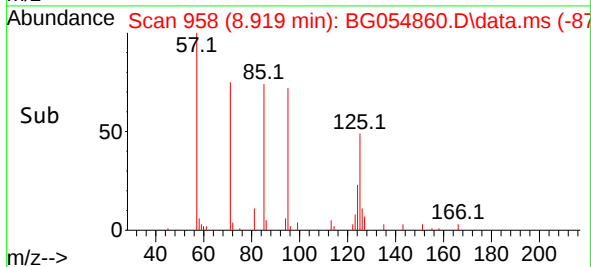
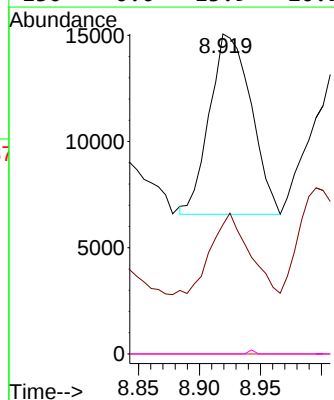
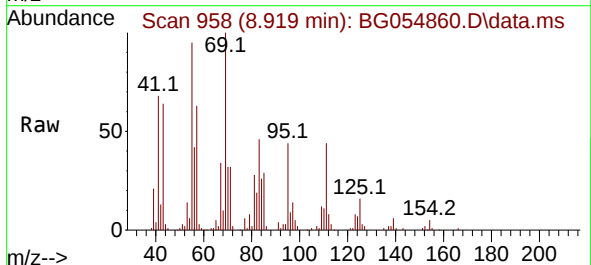
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

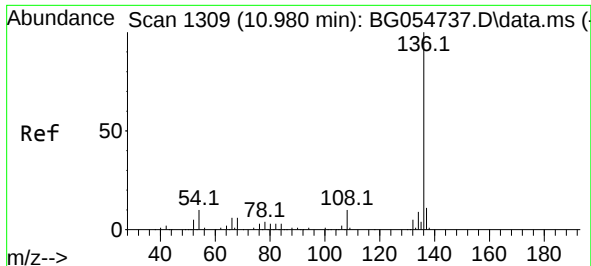
Tgt Ion:117 Resp: 48774
Ion Ratio Lower Upper
117 100
119 386.7 77.0 115.6#
201 0.0 87.2 130.8#



#19
n-Nitroso-di-n-propylamine
Concen: 7.364 ng
RT: 8.919 min Scan# 958
Delta R.T. -0.039 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

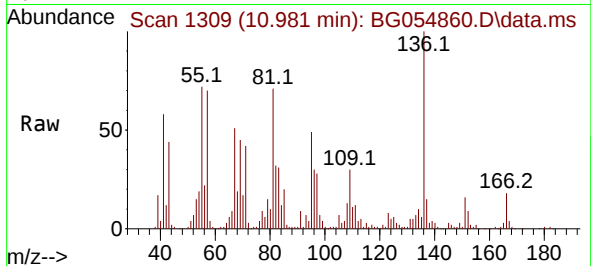
Tgt Ion: 70 Resp: 20079
Ion Ratio Lower Upper
70 100
42 40.4 46.6 69.8#
101 0.0 7.7 11.5#
130 0.0 13.9 20.9#



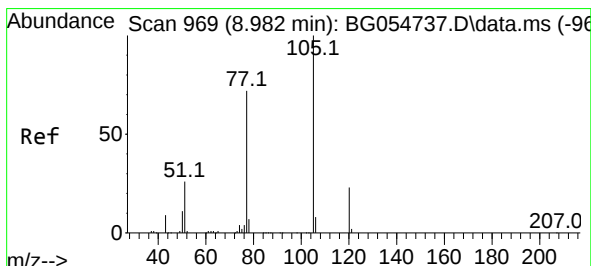
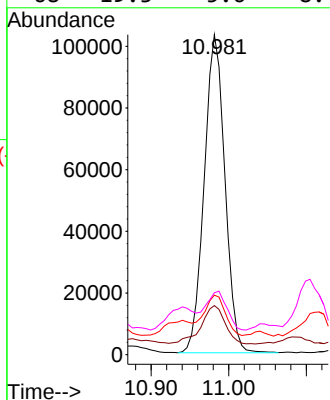
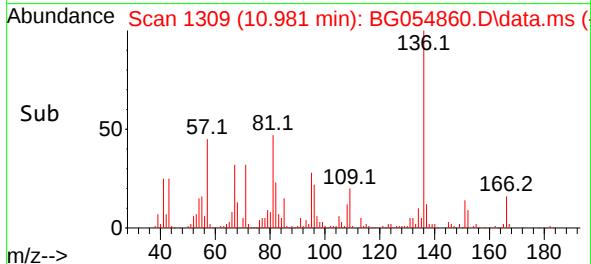


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

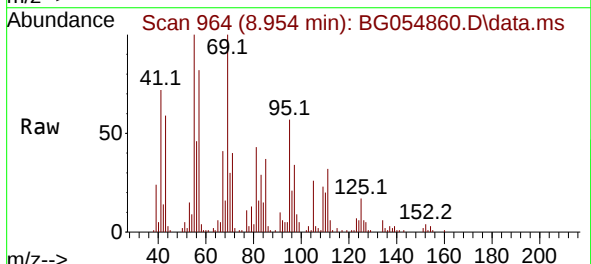
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BNA_G
ClientSampleId :
WC-14-B-SP



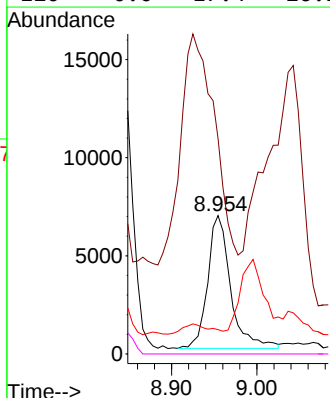
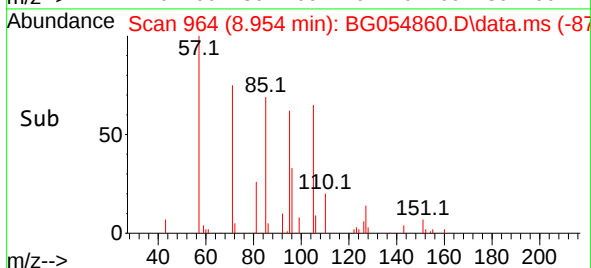
Tgt Ion:136 Resp: 191062
Ion Ratio Lower Upper
136 100
137 15.3 9.2 13.8#
54 18.6 7.7 11.5#
68 19.3 5.6 8.4#

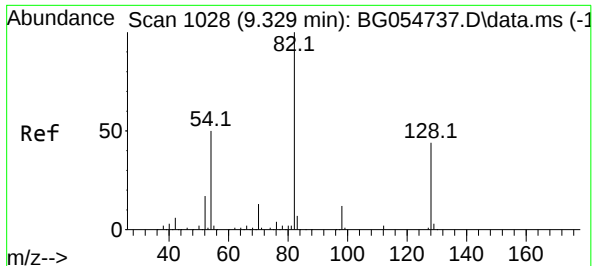


#22
Acetophenone
Concen: 2.647 ng
RT: 8.954 min Scan# 964
Delta R.T. -0.028 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42



Tgt Ion:105 Resp: 12652
Ion Ratio Lower Upper
105 100
71 155.8 1.2 1.8#
51 17.6 22.9 34.3#
120 0.0 17.4 26.2#

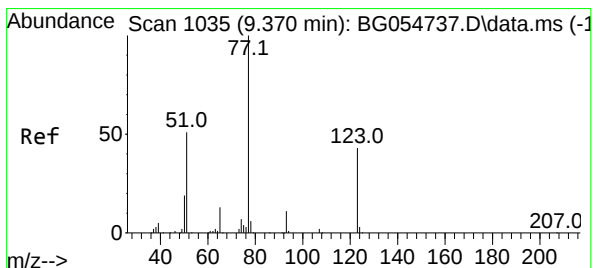
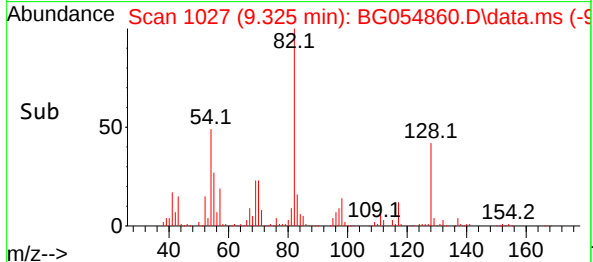
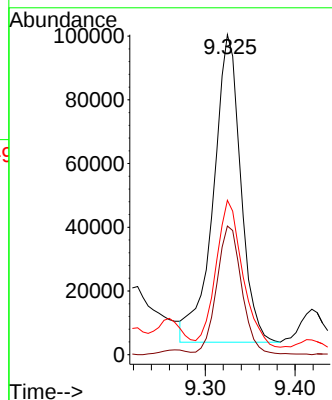
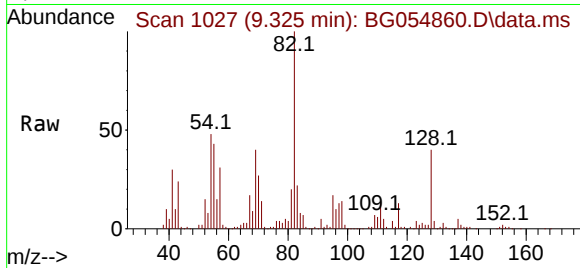




#23
Nitrobenzene-d5
Concen: 55.970 ng
RT: 9.325 min Scan# 1027
Delta R.T. -0.004 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

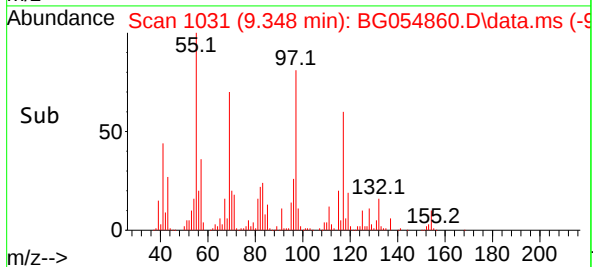
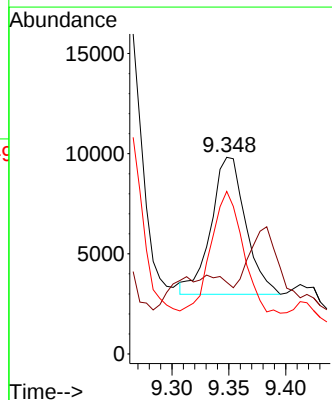
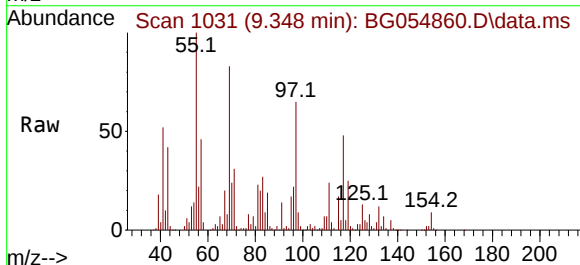
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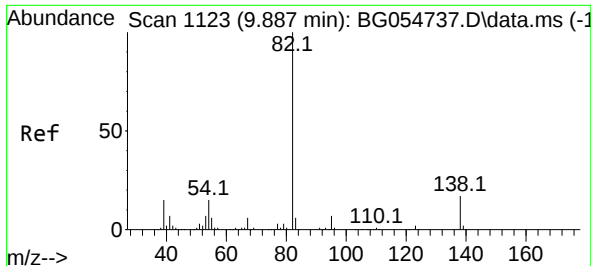
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Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.2
54 48.3 41.4 62.0



#24
Nitrobenzene
Concen: 3.937 ng
RT: 9.348 min Scan# 1031
Delta R.T. -0.022 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion: 77 Resp: 14443
Ion Ratio Lower Upper
77 100
123 36.4 35.0 52.6
65 82.7 10.2 15.2#

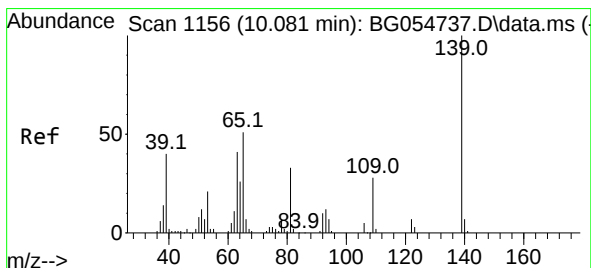
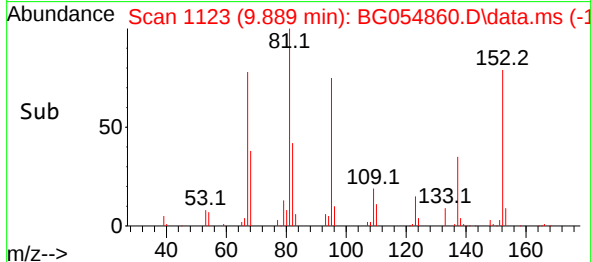
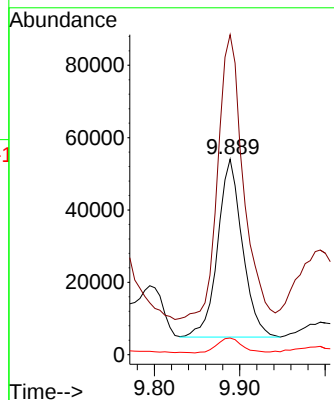
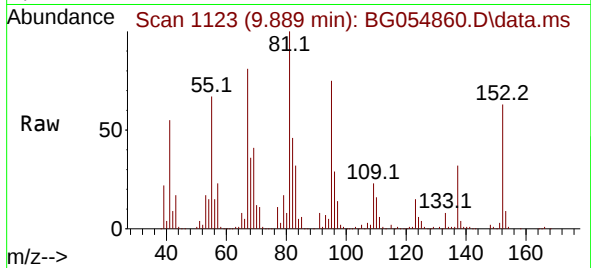




#25
Isophorone
Concen: 14.598 ng
RT: 9.889 min Scan# 1123
Delta R.T. 0.002 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

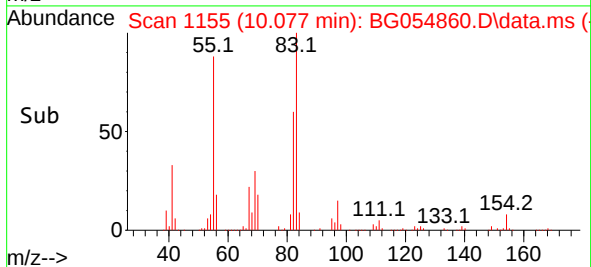
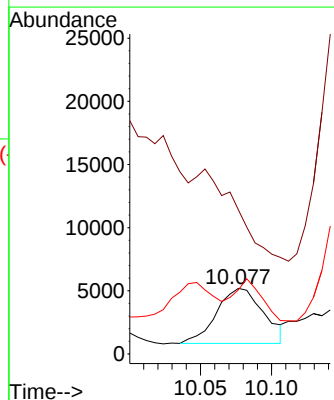
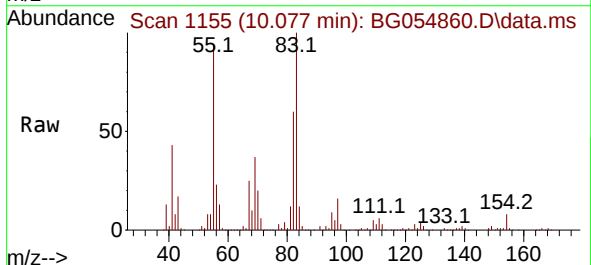
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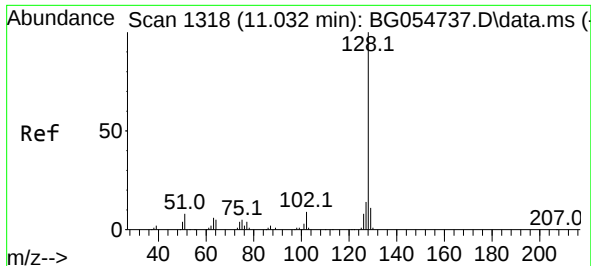
Tgt Ion: 82 Resp: 99066
Ion Ratio Lower Upper
82 100
95 163.7 5.6 8.4#
138 8.6 13.9 20.9#



#26
2-Nitrophenol
Concen: 6.179 ng
RT: 10.077 min Scan# 1155
Delta R.T. -0.004 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:139 Resp: 10013
Ion Ratio Lower Upper
139 100
109 219.6 21.8 32.6#
65 97.9 37.4 56.0#

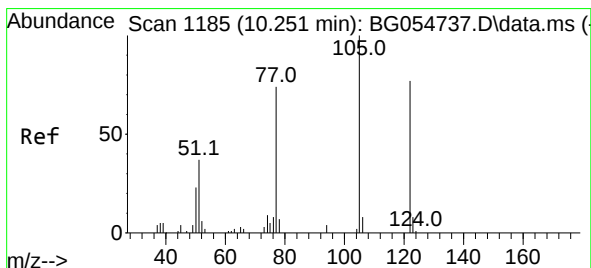
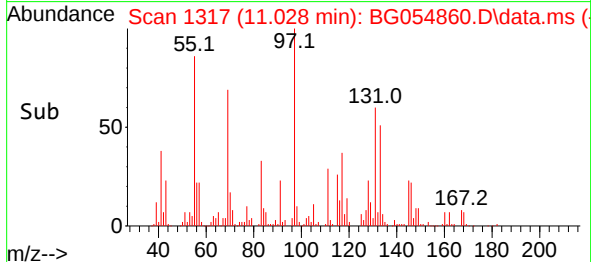
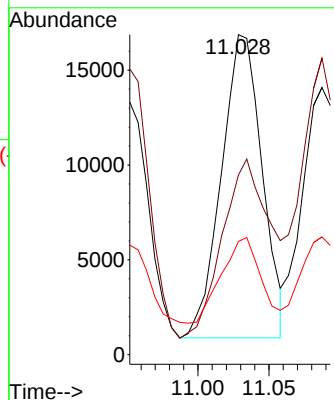
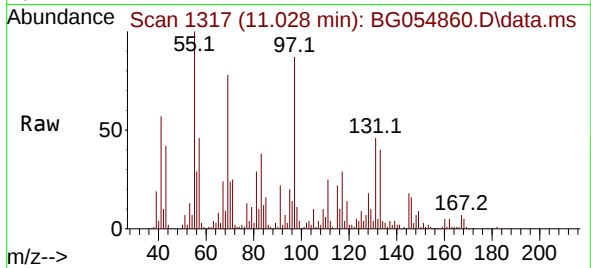




#31
Naphthalene
Concen: 3.109 ng
RT: 11.028 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

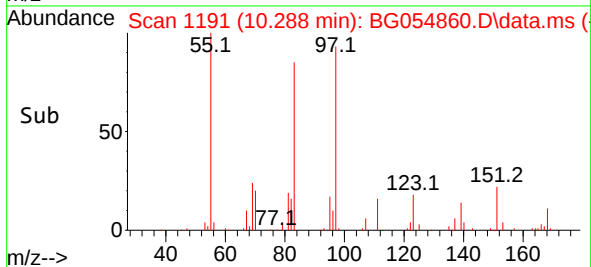
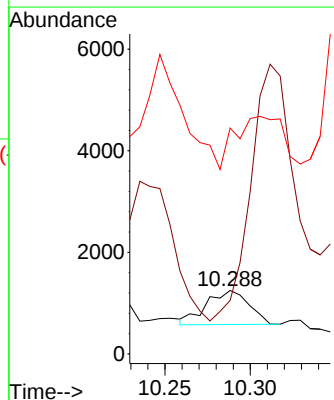
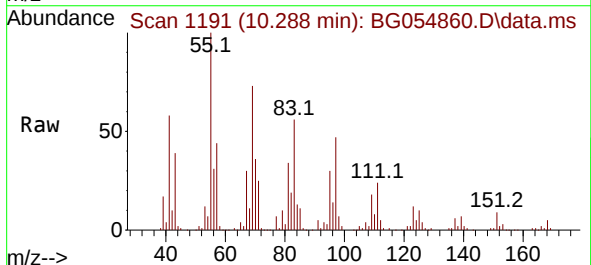
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

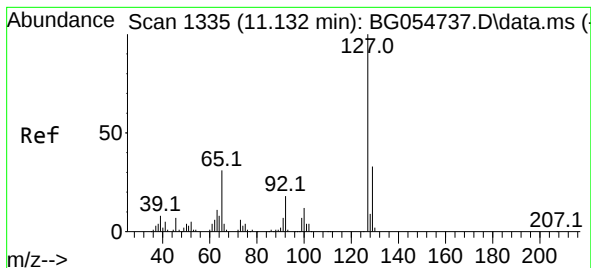
Tgt Ion:128 Resp: 31866
Ion Ratio Lower Upper
128 100
129 56.2 9.0 13.4#
127 35.4 11.1 16.7#



#32
Benzoic acid
Concen: 8.334 ng
RT: 10.288 min Scan# 1191
Delta R.T. 0.037 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:122 Resp: 1160
Ion Ratio Lower Upper
122 100
105 84.1 101.5 141.5#
77 355.6 69.3 109.3#



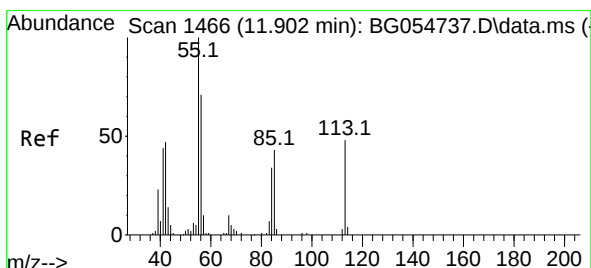
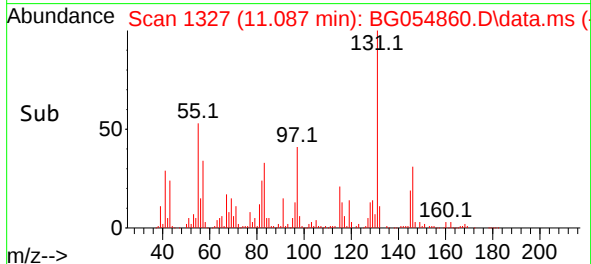
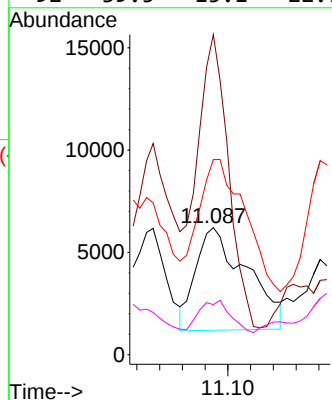
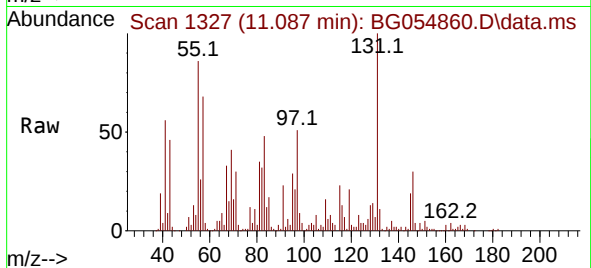


#33
4-Chloroaniline
Concen: 3.728 ng
RT: 11.087 min Scan# 11
Delta R.T. -0.045 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

Tgt Ion:127 Resp: 15579

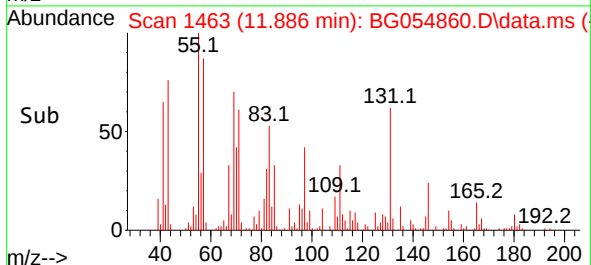
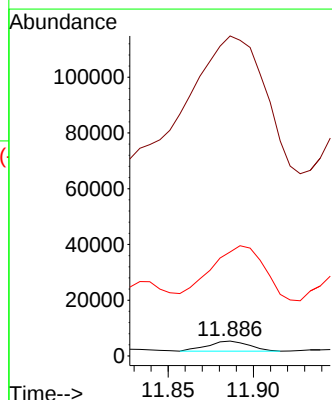
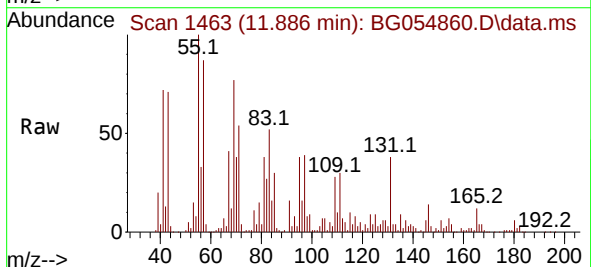
Ion	Ratio	Lower	Upper
127	100		
129	251.8	26.0	39.0#
65	153.5	25.8	38.8#
92	39.5	15.1	22.7#

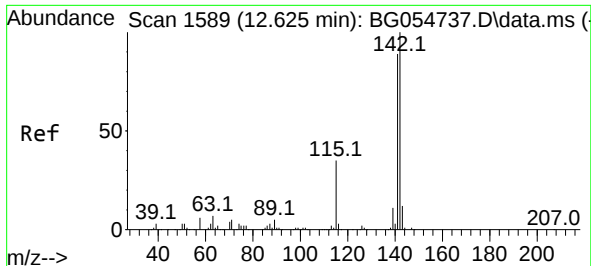


#35
Caprolactam
Concen: 5.973 ng
RT: 11.886 min Scan# 1463
Delta R.T. -0.016 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:113 Resp: 6154

Ion	Ratio	Lower	Upper
113	100		
55	2153.6	179.1	219.1#
56	700.2	120.8	160.8#

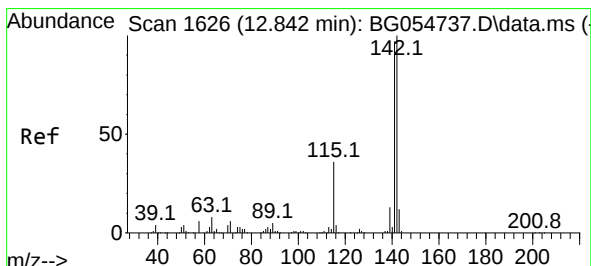
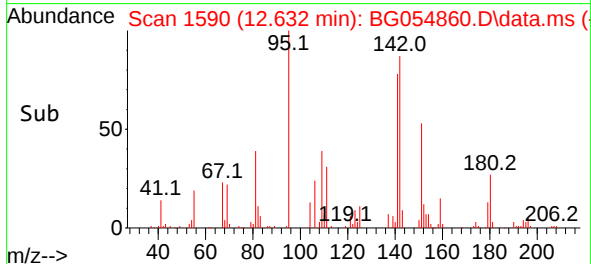
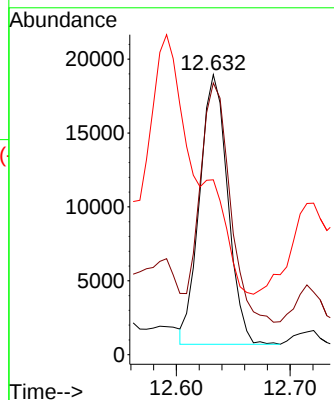
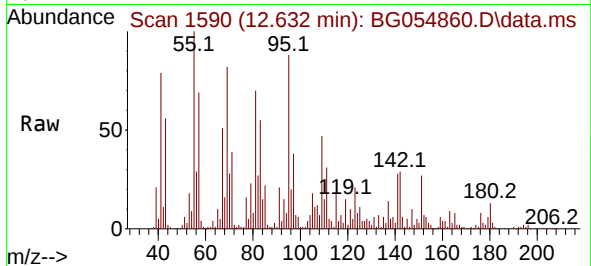




#37
2-Methylnaphthalene
Concen: 4.350 ng
RT: 12.632 min Scan# 1589
Delta R.T. 0.008 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

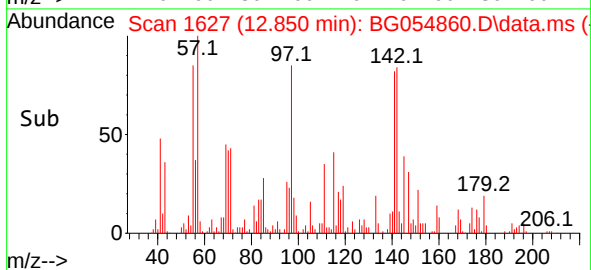
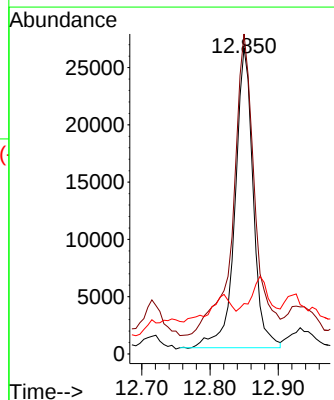
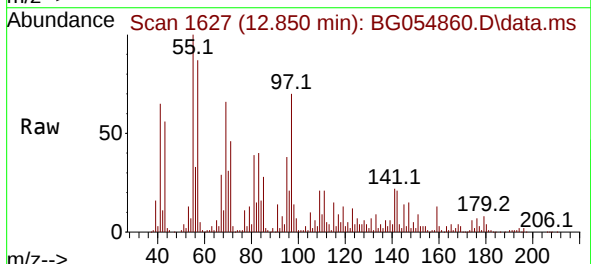
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

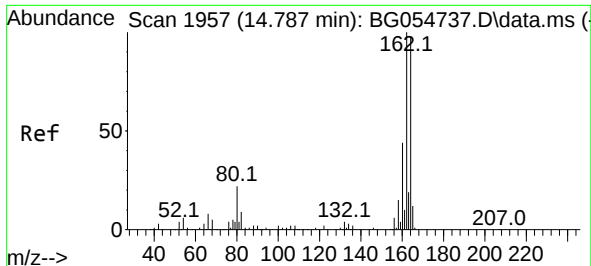
Tgt Ion:142 Resp: 31251
Ion Ratio Lower Upper
142 100
141 97.0 73.0 109.4
115 62.4 27.3 40.9#



#38
1-Methylnaphthalene
Concen: 6.937 ng
RT: 12.850 min Scan# 1627
Delta R.T. 0.008 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:142 Resp: 48494
Ion Ratio Lower Upper
142 100
141 104.5 77.4 116.0
116 16.4 3.0 4.4#

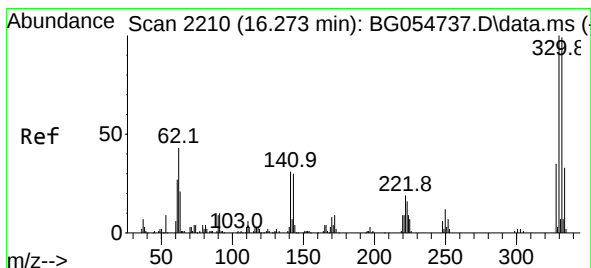
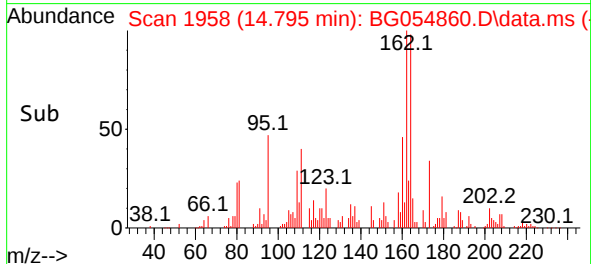
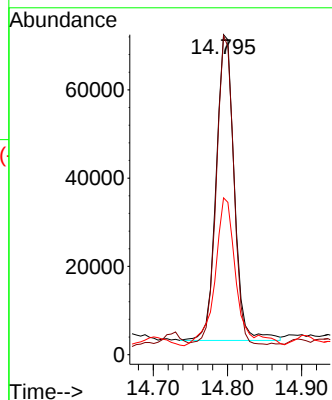
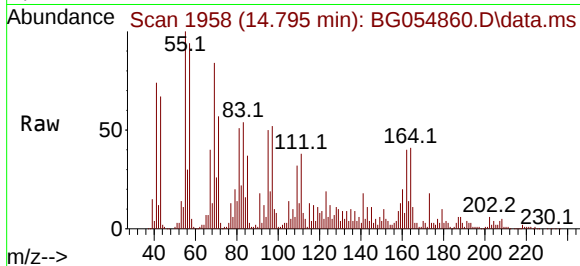




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.795 min Scan# 1958
Delta R.T. 0.008 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

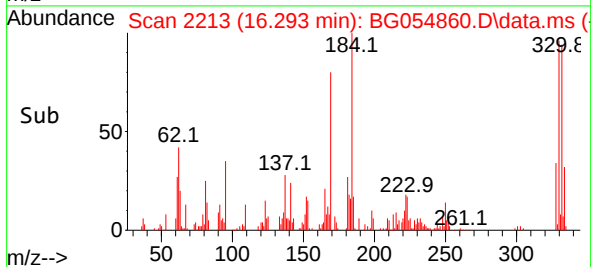
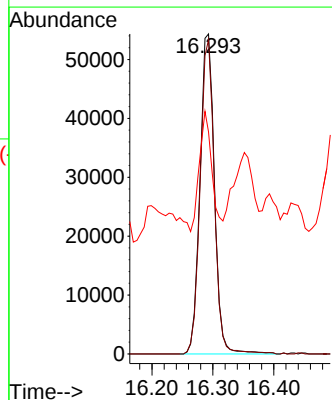
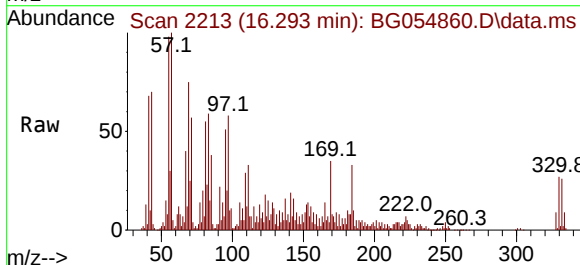
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

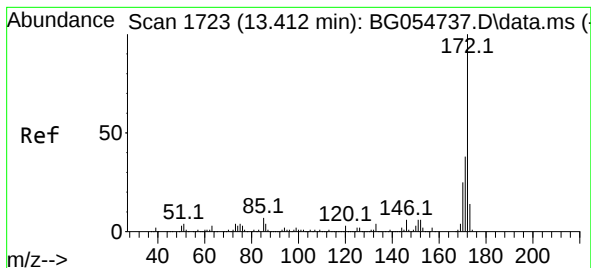
Tgt Ion:164 Resp: 117481
Ion Ratio Lower Upper
164 100
162 99.7 83.0 124.4
160 49.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 61.176 ng
RT: 16.293 min Scan# 2213
Delta R.T. 0.019 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:330 Resp: 89807
Ion Ratio Lower Upper
330 100
332 96.2 79.8 119.6
141 32.3 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 48.640 ng

RT: 13.414 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG054860.D

Acq: 6 Sep 2022 20:42

Instrument :

BNA_G

ClientSampleId :

WC-14-B-SP

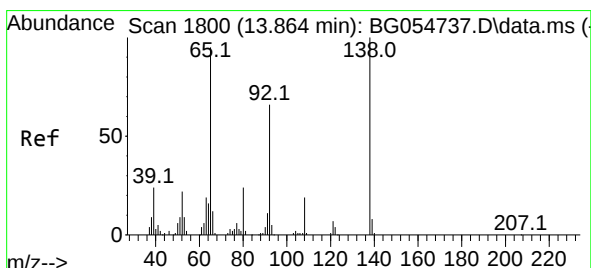
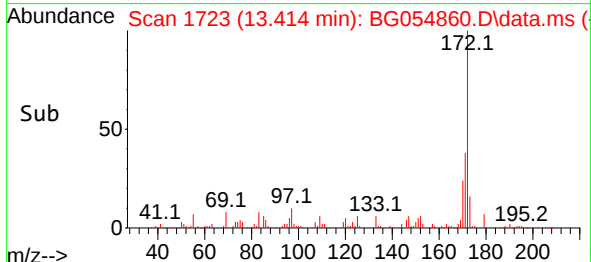
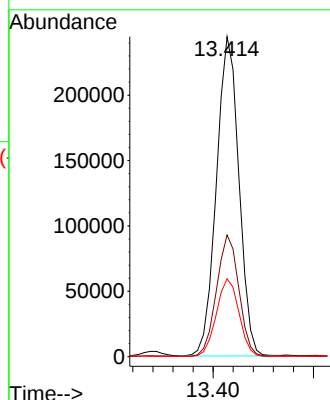
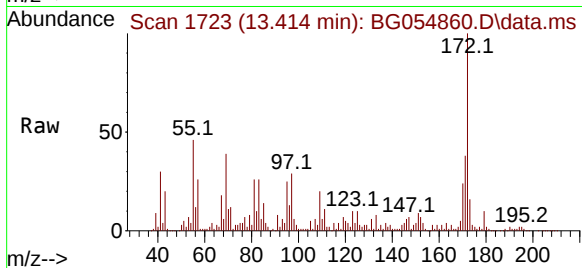
Tgt Ion:172 Resp: 380190

Ion Ratio Lower Upper

172 100

171 38.0 31.2 46.8

170 24.4 20.6 30.8



#48

2-Nitroaniline

Concen: 3.741 ng

RT: 13.831 min Scan# 1794

Delta R.T. -0.033 min

Lab File: BG054860.D

Acq: 6 Sep 2022 20:42

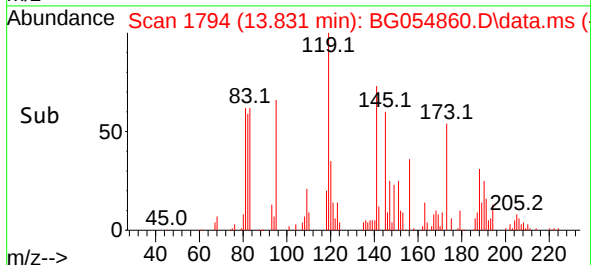
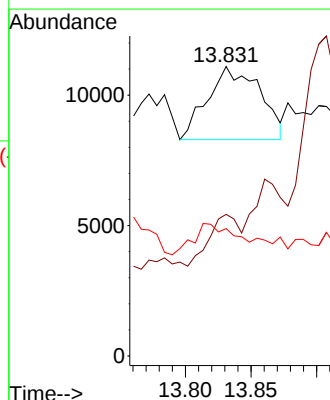
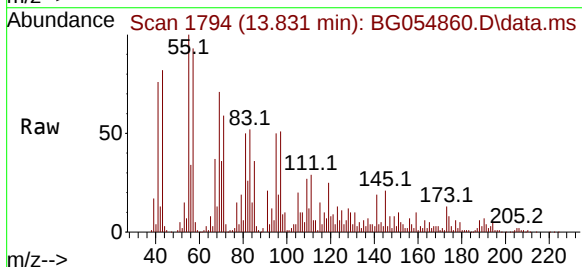
Tgt Ion: 65 Resp: 7769

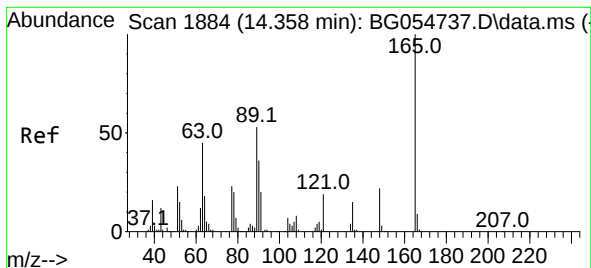
Ion Ratio Lower Upper

65 100

92 48.9 54.7 82.1#

138 44.0 84.1 126.1#

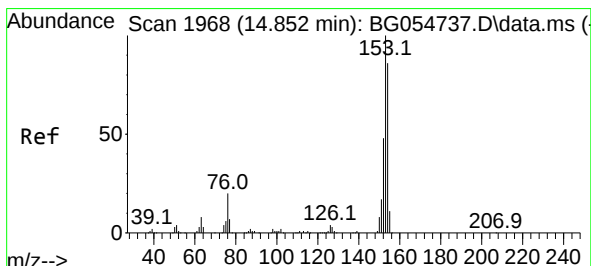
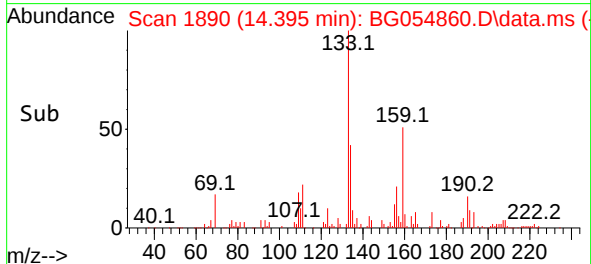
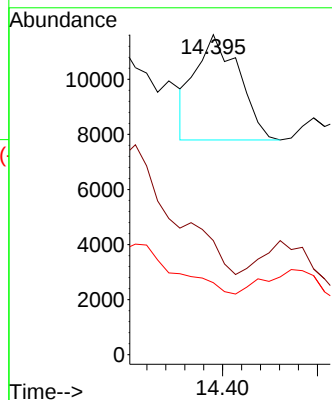
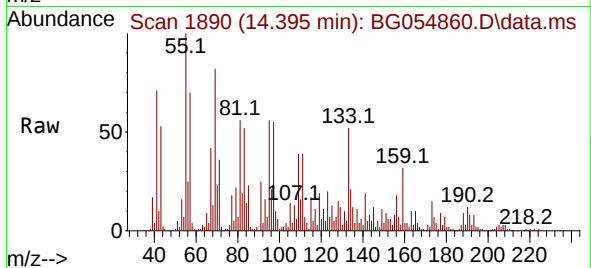




#51
2,6-Dinitrotoluene
Concen: 3.291 ng
RT: 14.395 min Scan# 1884
Delta R.T. 0.037 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

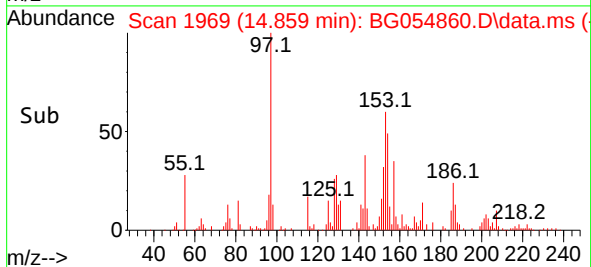
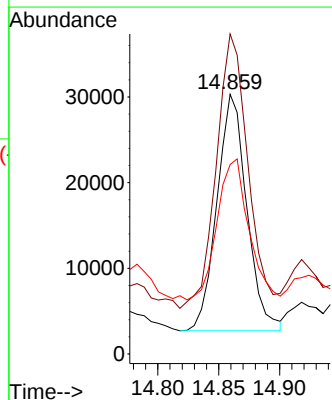
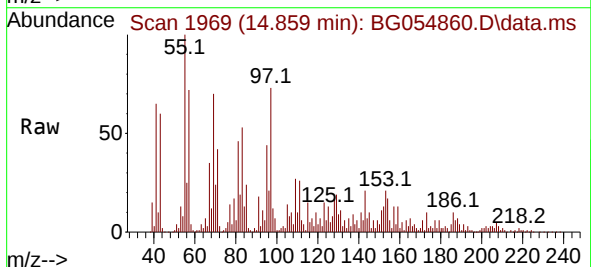
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

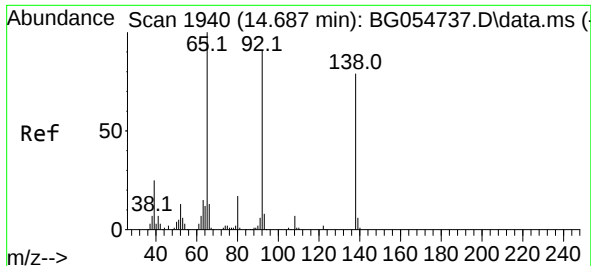
Tgt Ion:165 Resp: 6093
Ion Ratio Lower Upper
165 100
63 35.7 46.0 69.0#
89 22.5 50.3 75.5#



#52
Acenaphthene
Concen: 6.702 ng
RT: 14.859 min Scan# 1969
Delta R.T. 0.008 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:154 Resp: 47072
Ion Ratio Lower Upper
154 100
153 123.2 92.8 139.2
152 73.0 45.4 68.2#

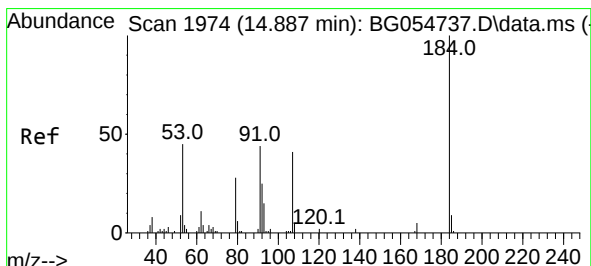
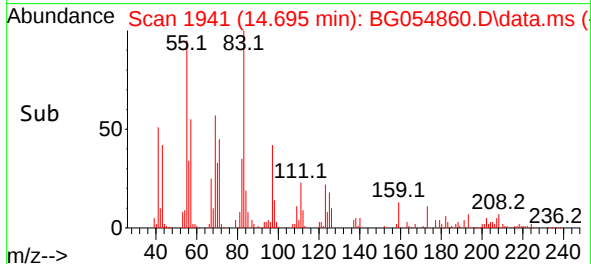
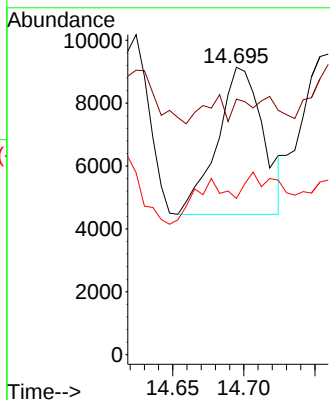
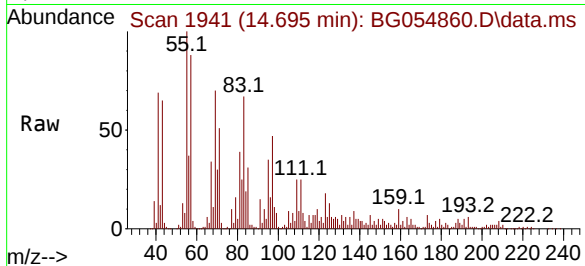




#53
3-Nitroaniline
Concen: 5.074 ng
RT: 14.695 min Scan# 1940
Delta R.T. 0.008 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

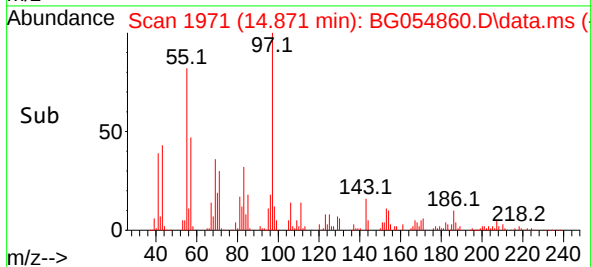
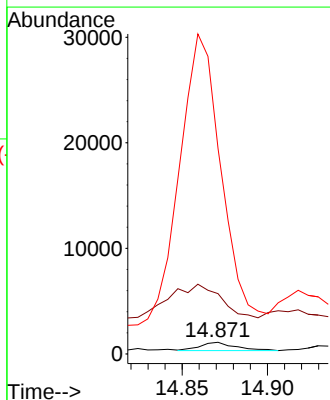
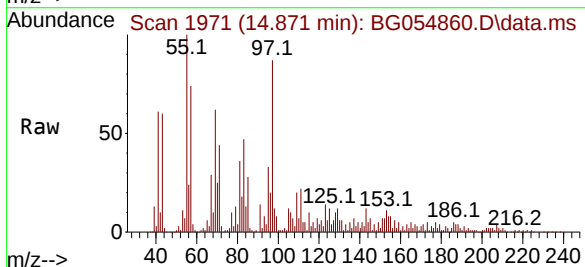
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

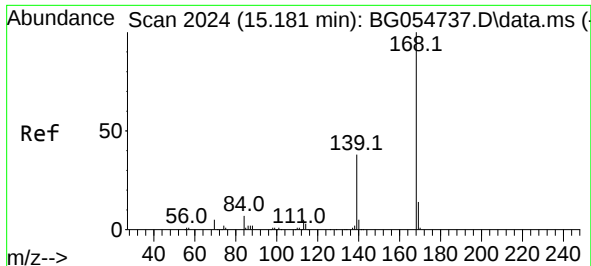
Tgt Ion:138 Resp: 10515
Ion Ratio Lower Upper
138 100
108 88.9 7.6 11.4#
92 54.4 96.0 144.0#



#54
2,4-Dinitrophenol
Concen: 7.699 ng
RT: 14.871 min Scan# 1971
Delta R.T. -0.016 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:184 Resp: 1139
Ion Ratio Lower Upper
184 100
63 518.9 41.8 62.8#
154 1765.5 45.2 67.8#

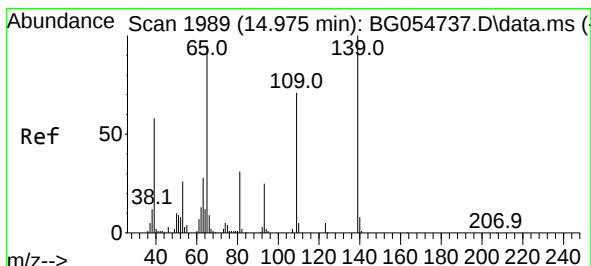
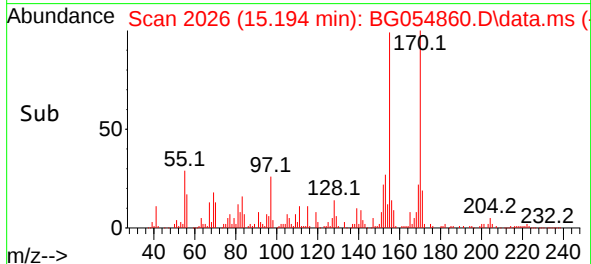
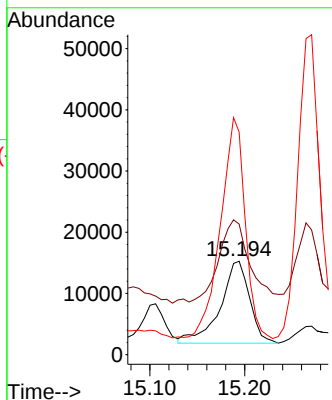
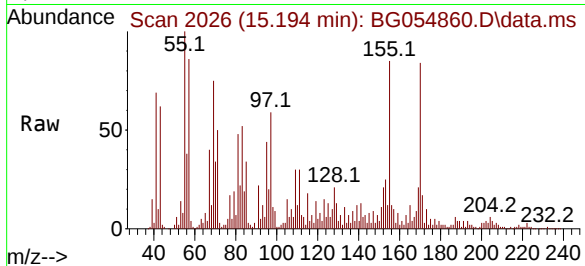




#55
Dibenzenofuran
Concen: 2.790 ng
RT: 15.194 min Scan# 20
Delta R.T. 0.014 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

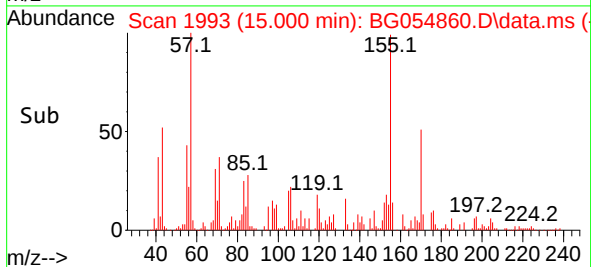
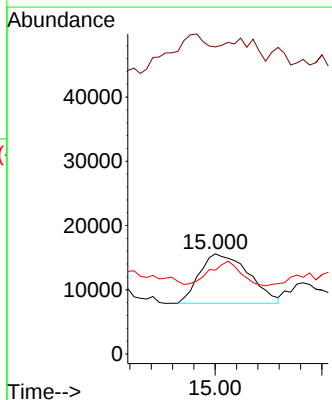
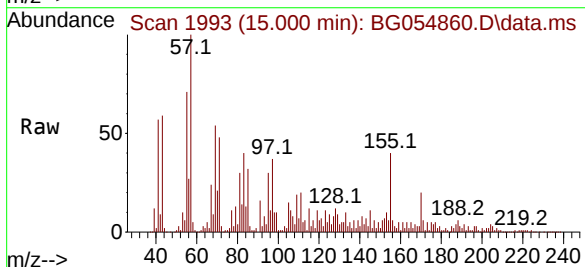
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

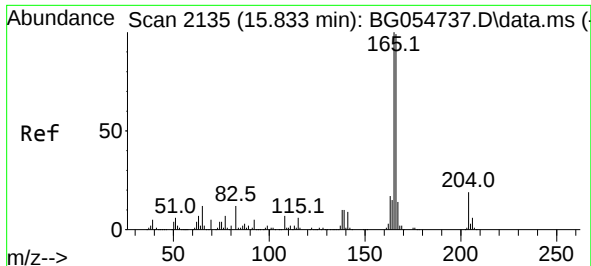
Tgt Ion:168 Resp: 28796
Ion Ratio Lower Upper
168 100
139 139.8 30.2 45.2#
169 238.1 11.3 16.9#



#56
4-Nitrophenol
Concen: 15.348 ng
RT: 15.000 min Scan# 1993
Delta R.T. 0.025 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:139 Resp: 24614
Ion Ratio Lower Upper
139 100
109 306.7 50.5 90.5#
65 83.8 79.9 119.9

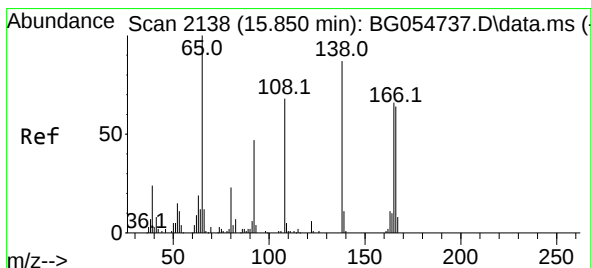
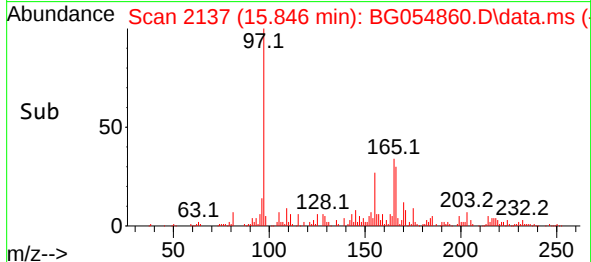
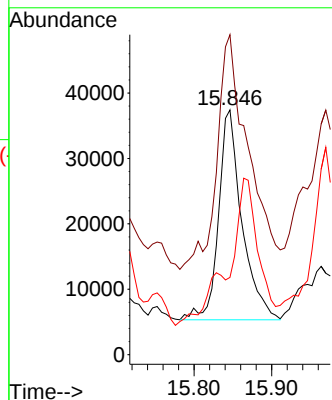
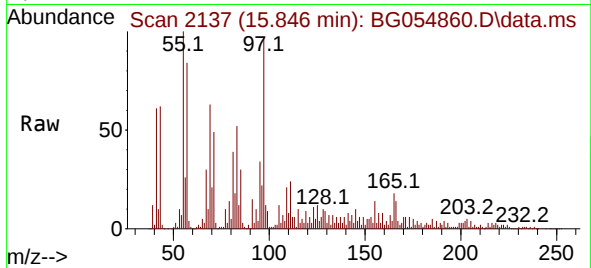




#58
 Fluorene
 Concen: 7.730 ng
 RT: 15.846 min Scan# 2137
 Delta R.T. 0.014 min
 Lab File: BG054860.D
 Acq: 6 Sep 2022 20:42

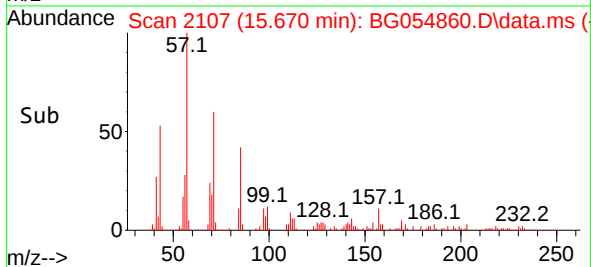
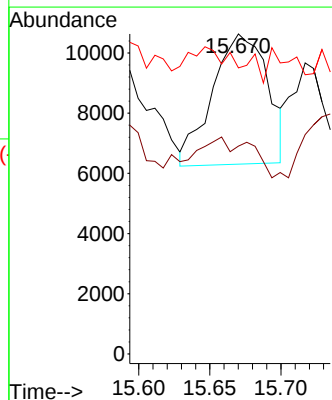
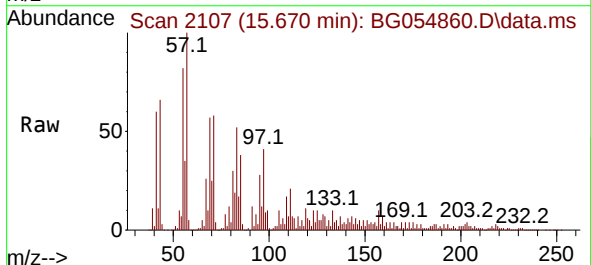
Instrument :
 BNA_G
 ClientSampleId :
 WC-14-B-SP

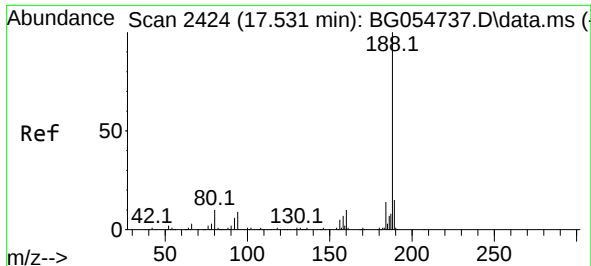
Tgt Ion:166 Resp: 67203
 Ion Ratio Lower Upper
 166 100
 165 130.7 80.8 121.2#
 167 31.6 11.4 17.0#



#62
 4-Nitroaniline
 Concen: 5.503 ng
 RT: 15.670 min Scan# 2107
 Delta R.T. -0.180 min
 Lab File: BG054860.D
 Acq: 6 Sep 2022 20:42

Tgt Ion:138 Resp: 11644
 Ion Ratio Lower Upper
 138 100
 92 65.0 34.7 74.7
 108 89.4 56.2 96.2

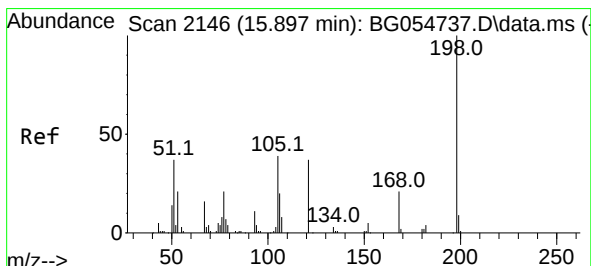
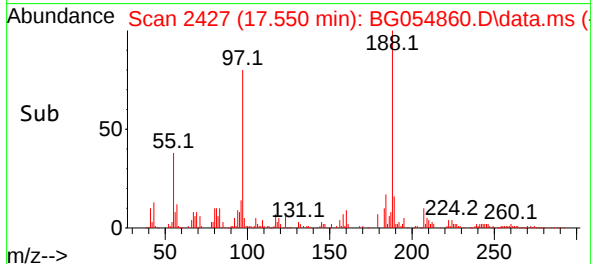
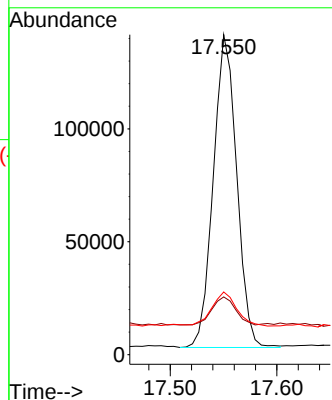
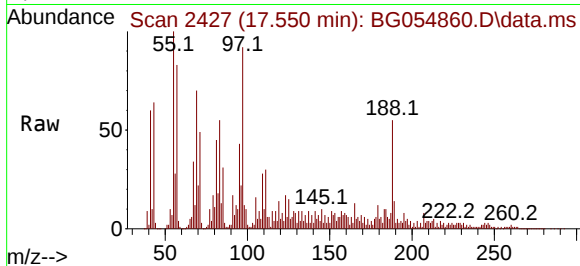




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.550 min Scan# 2427
Delta R.T. 0.019 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

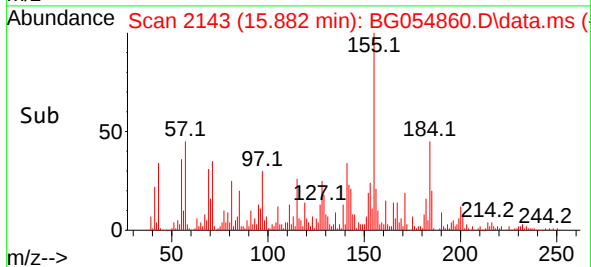
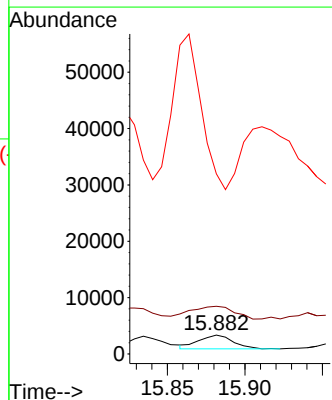
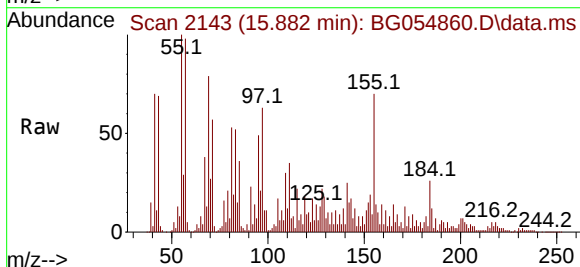
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

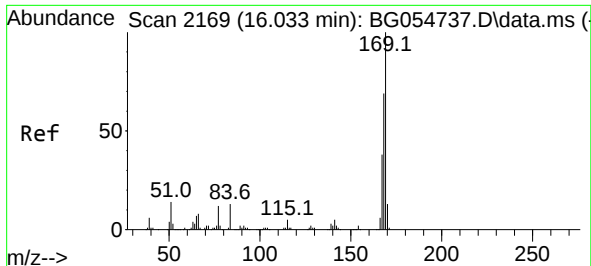
Tgt Ion:188 Resp: 210645
Ion Ratio Lower Upper
188 100
94 18.1 7.0 10.4#
80 19.6 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 3.444 ng
RT: 15.882 min Scan# 2143
Delta R.T. -0.016 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:198 Resp: 3693
Ion Ratio Lower Upper
198 100
51 253.7 19.9 59.9#
105 957.1 20.3 60.3#

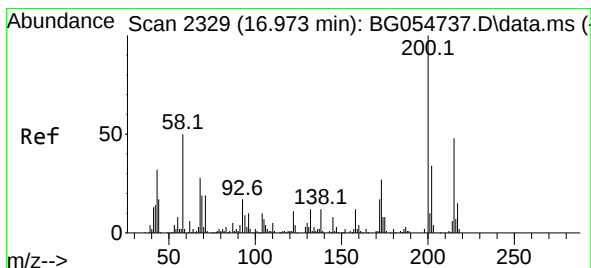
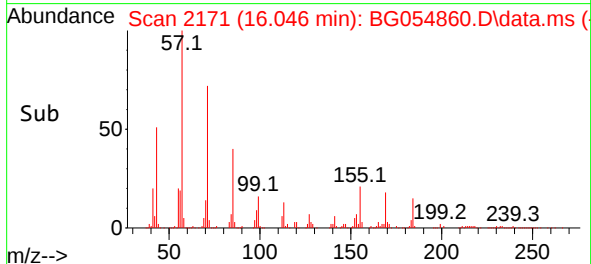
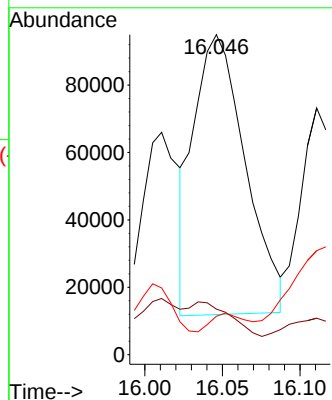
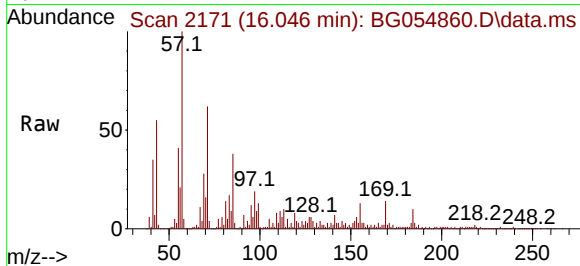




#66
n-Nitrosodiphenylamine
Concen: 31.524 ng
RT: 16.046 min Scan# 2169
Delta R.T. 0.014 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

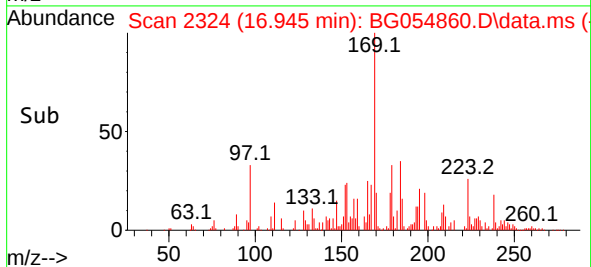
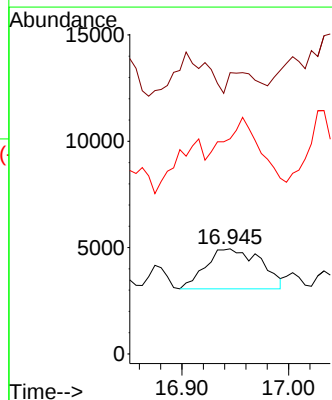
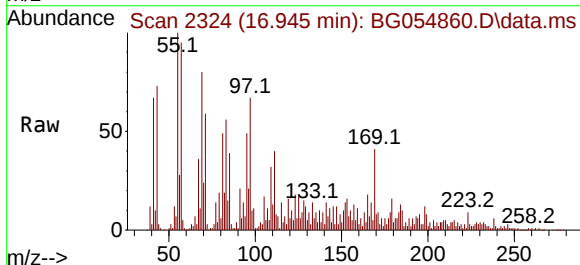
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

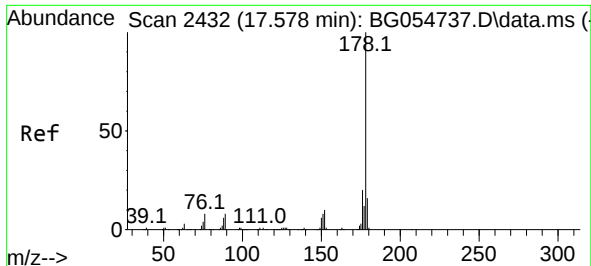
Tgt Ion:169 Resp: 191498
Ion Ratio Lower Upper
169 100
168 14.3 55.6 83.4#
167 12.0 30.9 46.3#



#69
Atrazine
Concen: 3.139 ng
RT: 16.945 min Scan# 2324
Delta R.T. -0.028 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:200 Resp: 6728
Ion Ratio Lower Upper
200 100
173 267.5 5.6 45.6#
215 204.7 28.2 68.2#

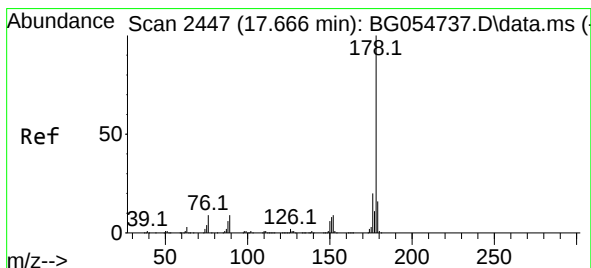
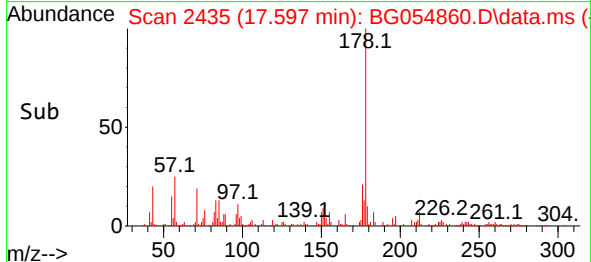
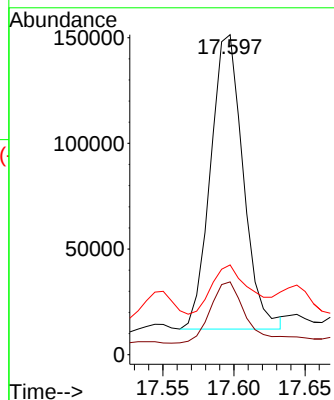
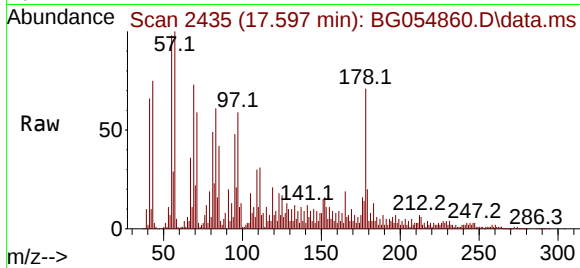




#71
Phenanthrene
Concen: 19.831 ng
RT: 17.597 min Scan# 2432
Delta R.T. 0.019 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

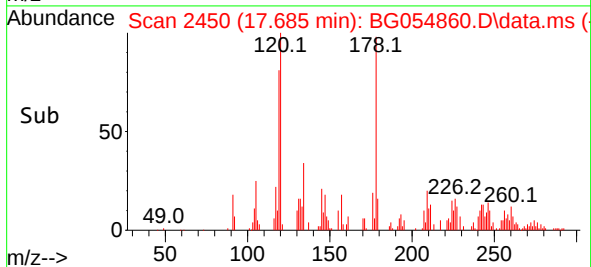
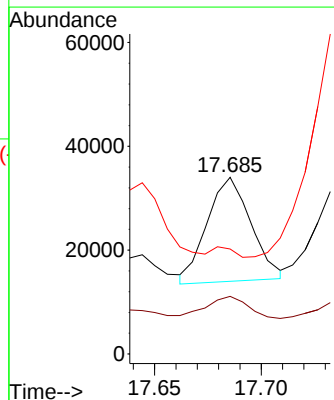
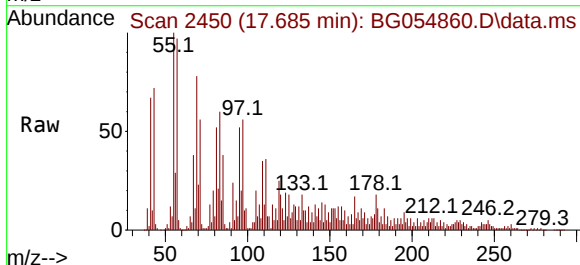
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

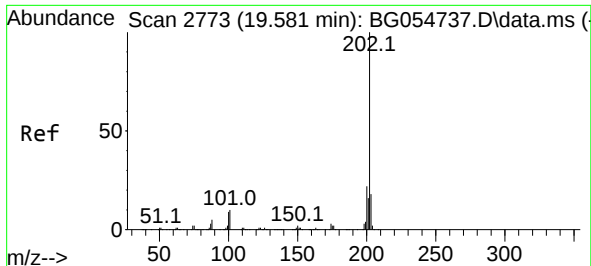
Tgt Ion:178 Resp: 222533
Ion Ratio Lower Upper
178 100
176 22.8 16.6 25.0
179 28.0 12.8 19.2#



#72
Anthracene
Concen: 2.638 ng
RT: 17.685 min Scan# 2450
Delta R.T. 0.019 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:178 Resp: 28780
Ion Ratio Lower Upper
178 100
176 32.6 16.2 24.4#
179 59.4 12.9 19.3#

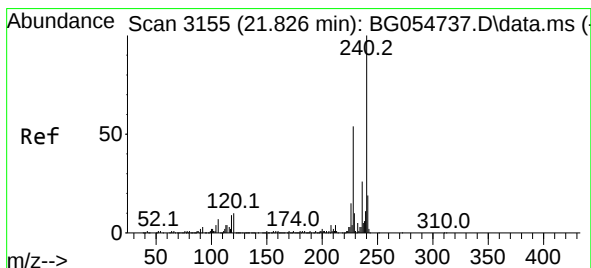
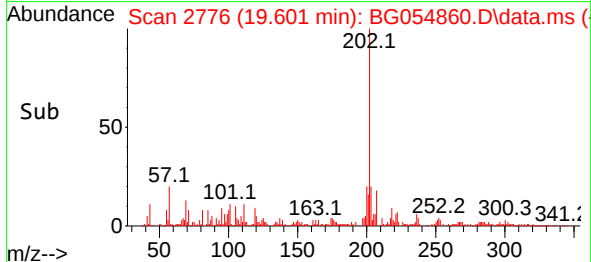
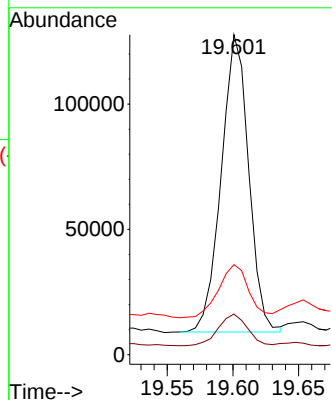
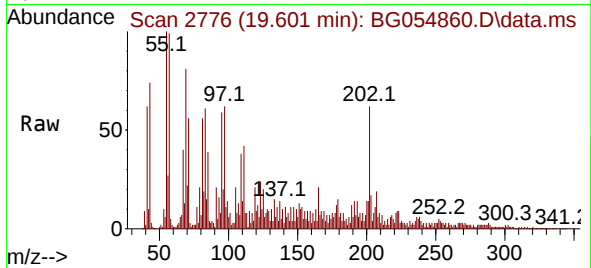




#75
Fluoranthene
Concen: 12.620 ng
RT: 19.601 min Scan# 21
Delta R.T. 0.019 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

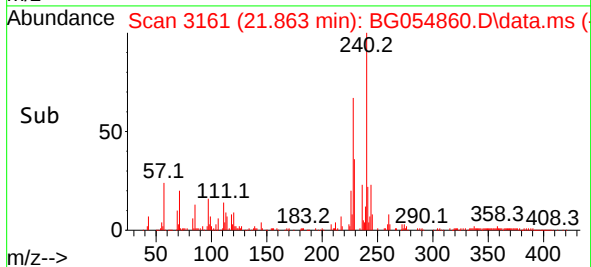
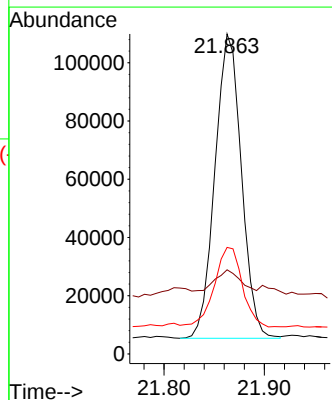
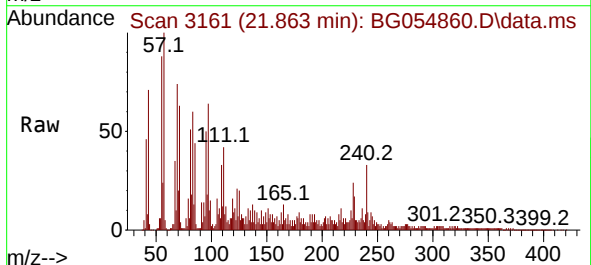
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

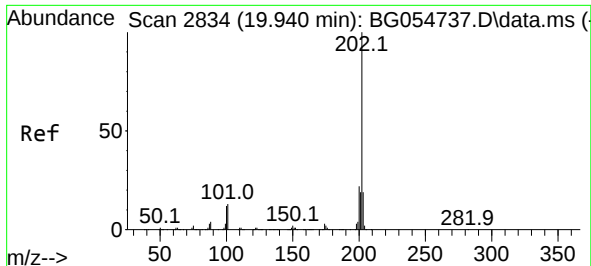
Tgt Ion:202 Resp: 172266
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 28.1 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3161
Delta R.T. 0.037 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:240 Resp: 190884
Ion Ratio Lower Upper
240 100
120 26.3 8.2 12.4#
236 33.3 21.2 31.8#

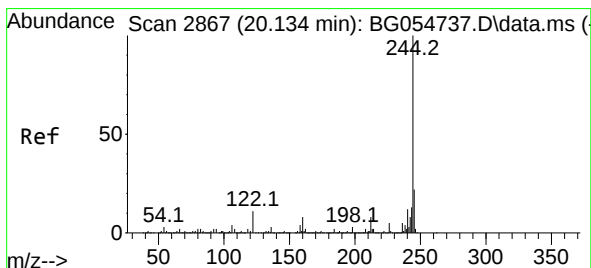
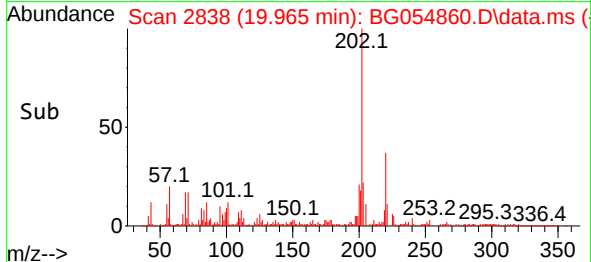
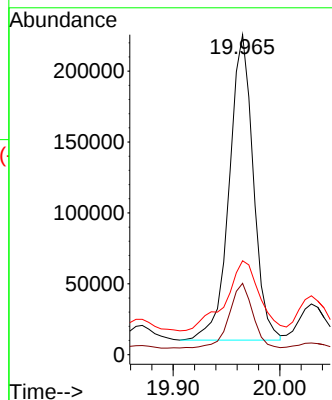
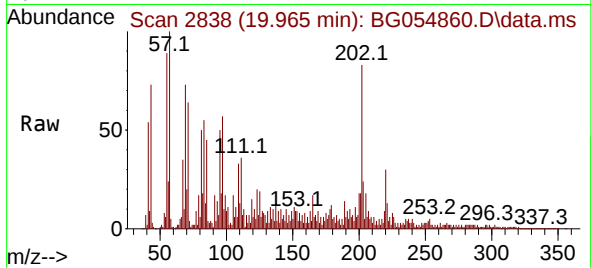




#78
Pyrene
Concen: 25.407 ng
RT: 19.965 min Scan# 2834
Delta R.T. 0.025 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

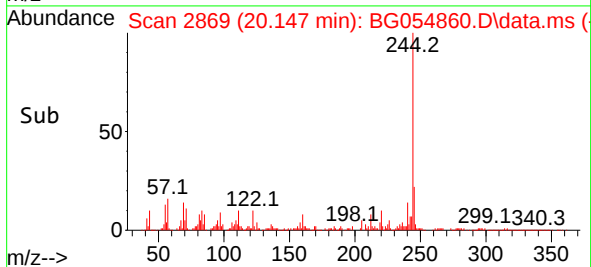
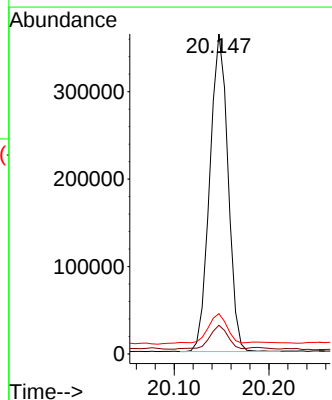
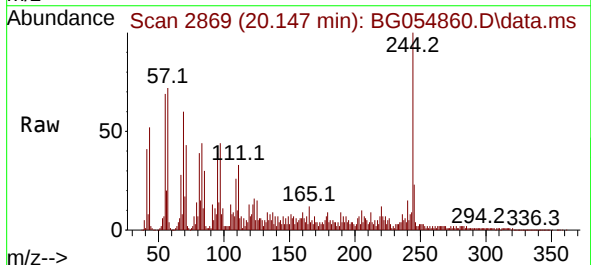
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

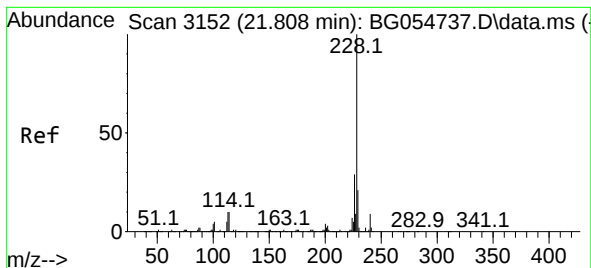
Tgt Ion:202 Resp: 338175
Ion Ratio Lower Upper
202 100
200 22.3 17.8 26.6
203 29.4 14.6 21.8#



#79
Terphenyl-d14
Concen: 50.298 ng
RT: 20.147 min Scan# 2869
Delta R.T. 0.014 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:244 Resp: 484567
Ion Ratio Lower Upper
244 100
212 9.0 6.2 9.2
122 12.6 9.0 13.6





#81

Benzo(a)anthracene

Concen: 26.935 ng

RT: 21.845 min Scan# 3158

Delta R.T. 0.037 min

Lab File: BG054860.D

Acq: 6 Sep 2022 20:42

Instrument :

BNA_G

ClientSampleId :

WC-14-B-SP

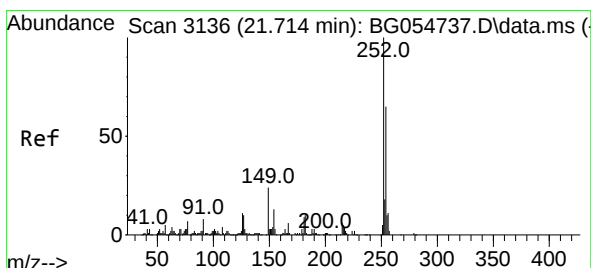
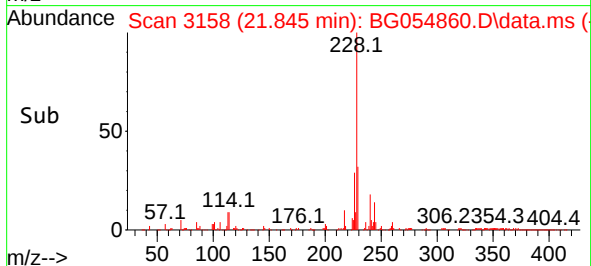
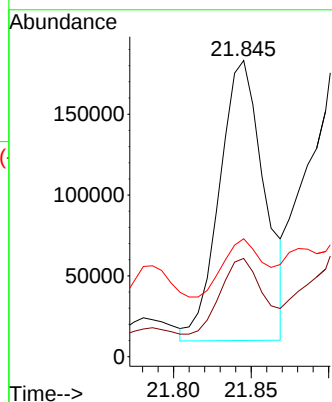
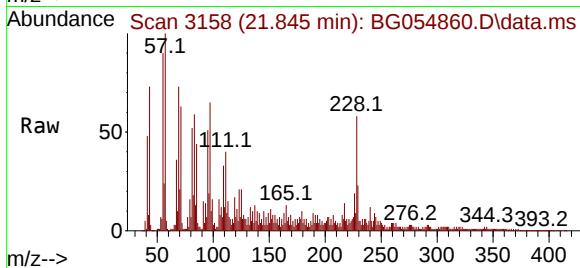
Tgt Ion:228 Resp: 348604

Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.2

229 39.8 16.5 24.7#



#82

3,3'-Dichlorobenzidine

Concen: 2.637 ng

RT: 21.722 min Scan# 3137

Delta R.T. 0.008 min

Lab File: BG054860.D

Acq: 6 Sep 2022 20:42

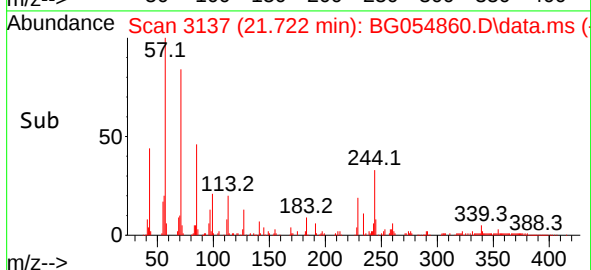
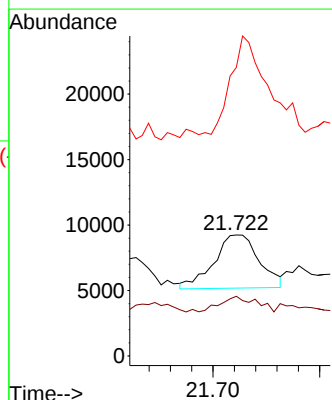
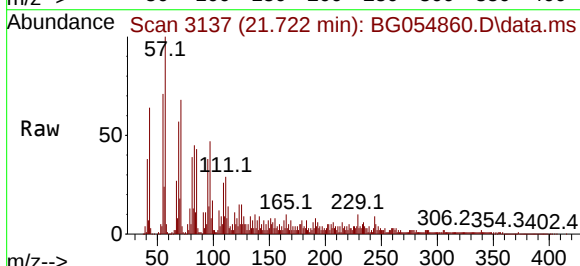
Tgt Ion:252 Resp: 11968

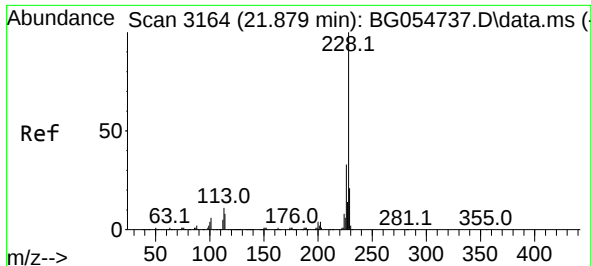
Ion Ratio Lower Upper

252 100

254 49.4 51.4 77.2#

126 238.7 8.2 12.2#

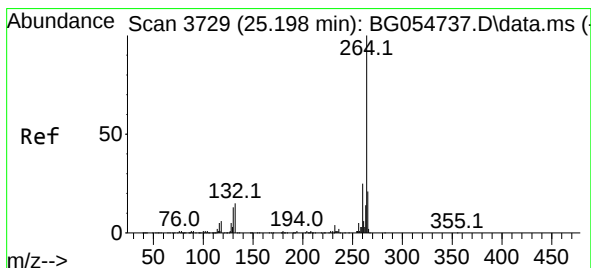
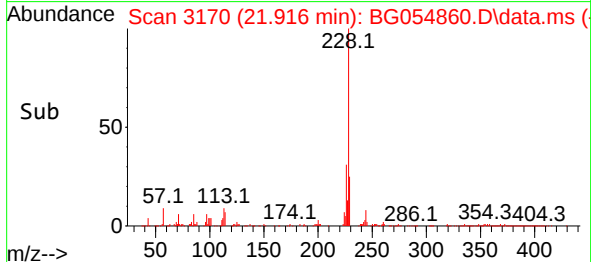
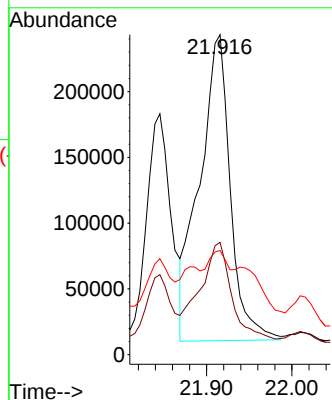
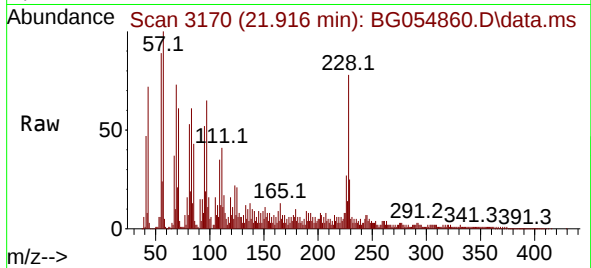




#83
Chrysene
Concen: 47.188 ng
RT: 21.916 min Scan# 3164
Delta R.T. 0.037 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

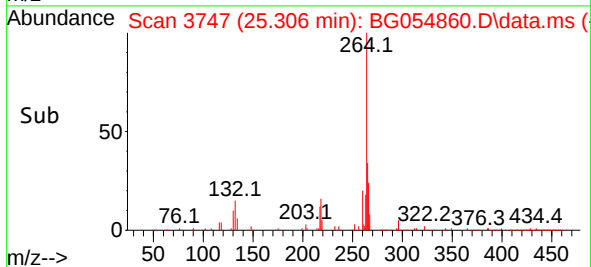
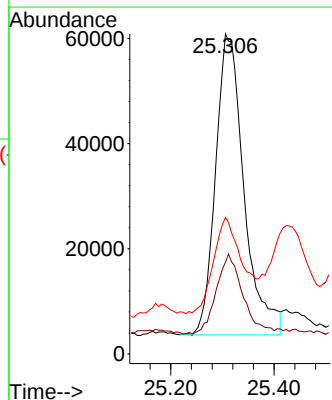
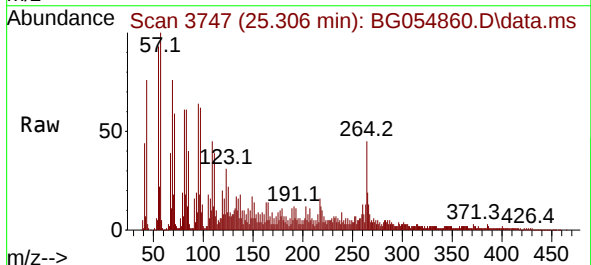
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

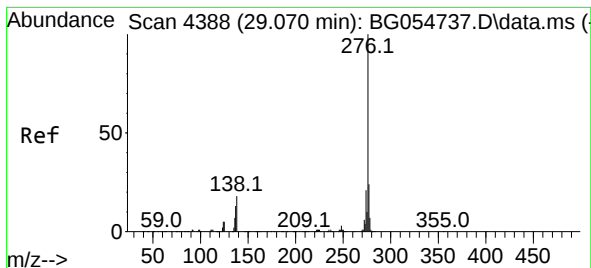
Tgt Ion:228 Resp: 583947
Ion Ratio Lower Upper
228 100
226 35.1 25.5 38.3
229 32.6 16.8 25.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.306 min Scan# 3747
Delta R.T. 0.108 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:264 Resp: 217921
Ion Ratio Lower Upper
264 100
260 28.7 19.9 29.9
265 42.7 16.9 25.3#





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.885 ng

RT: 29.254 min Scan# 4419

Delta R.T. 0.184 min

Lab File: BG054860.D

Acq: 6 Sep 2022 20:42

Instrument :

BNA_G

ClientSampleId :

WC-14-B-SP

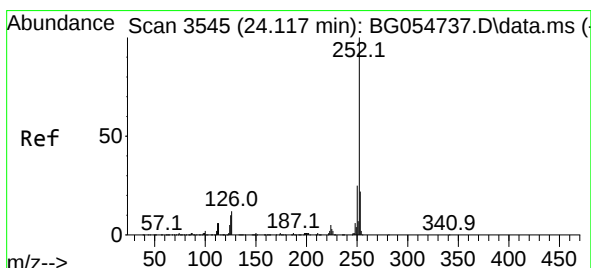
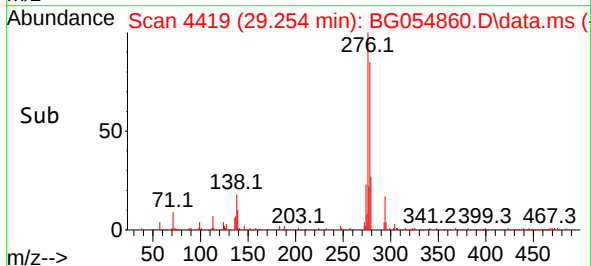
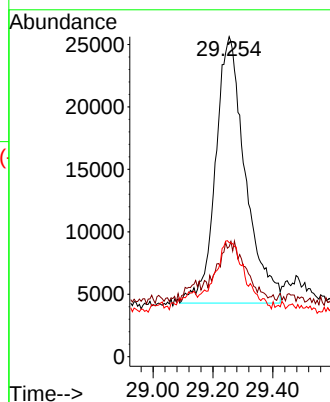
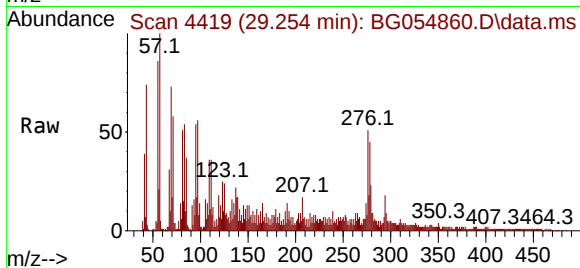
Tgt Ion:276 Resp: 147000

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

277 21.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 29.303 ng

RT: 24.213 min Scan# 3561

Delta R.T. 0.096 min

Lab File: BG054860.D

Acq: 6 Sep 2022 20:42

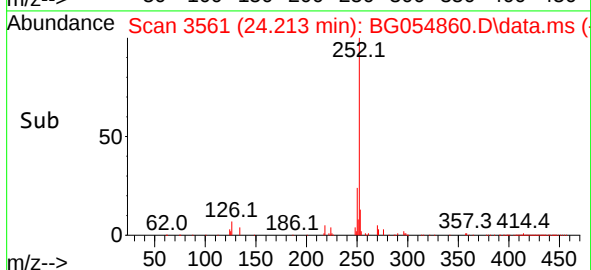
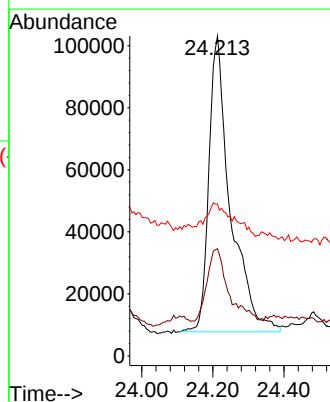
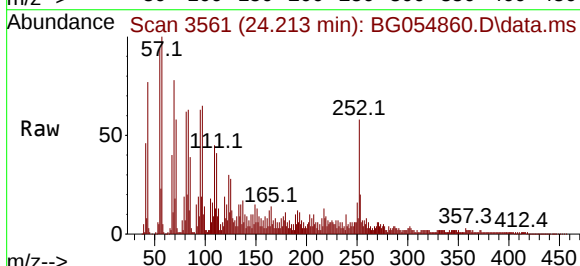
Tgt Ion:252 Resp: 400581

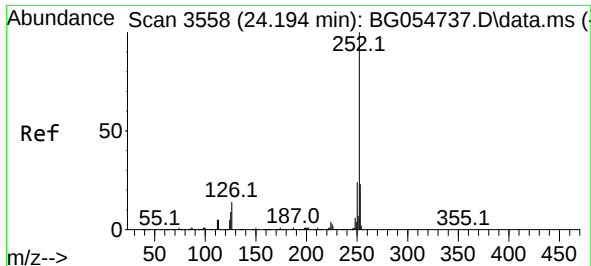
Ion Ratio Lower Upper

252 100

253 33.5 18.0 27.0#

125 47.5 8.1 12.1#

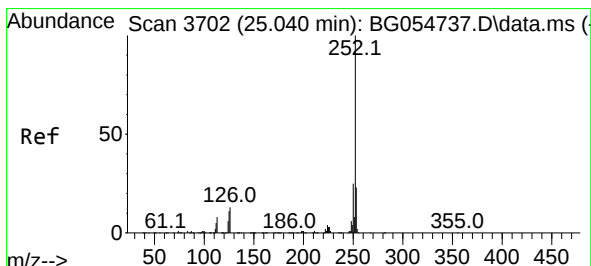
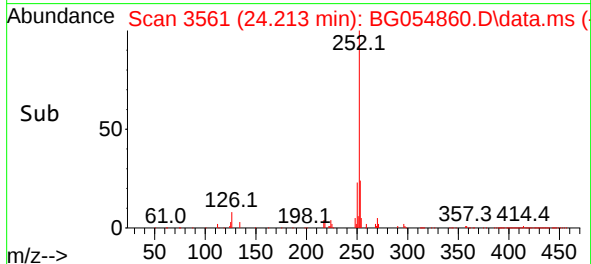
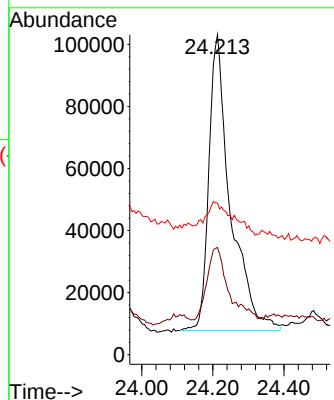
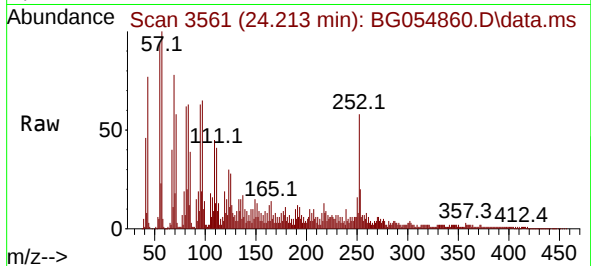




#89
Benzo(k)fluoranthene
Concen: 29.116 ng
RT: 24.213 min Scan# 31
Delta R.T. 0.019 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

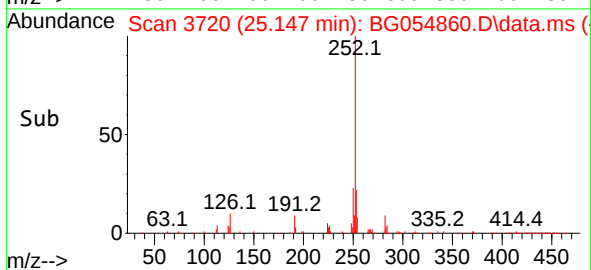
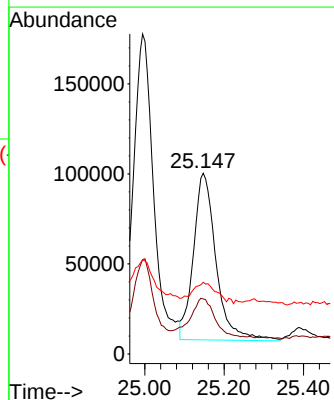
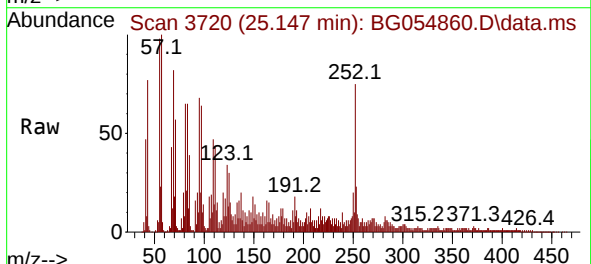
Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

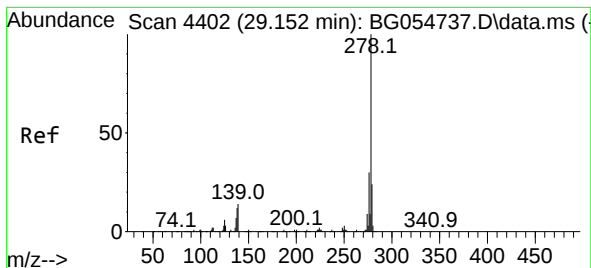
Tgt Ion:252 Resp: 400581
Ion Ratio Lower Upper
252 100
253 33.5 17.8 26.8#
125 47.5 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 31.353 ng
RT: 25.147 min Scan# 3720
Delta R.T. 0.108 min
Lab File: BG054860.D
Acq: 6 Sep 2022 20:42

Tgt Ion:252 Resp: 366189
Ion Ratio Lower Upper
252 100
253 30.4 18.3 27.5#
125 39.7 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 11.268 ng

RT: 29.284 min Scan# 4424

Delta R.T. 0.131 min

Lab File: BG054860.D

Acq: 6 Sep 2022 20:42

Instrument :

BNA_G

ClientSampleId :

WC-14-B-SP

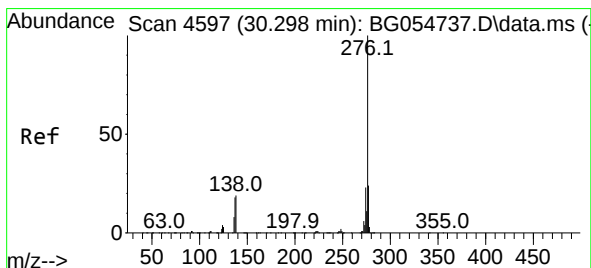
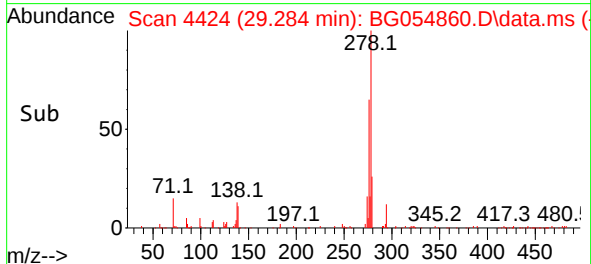
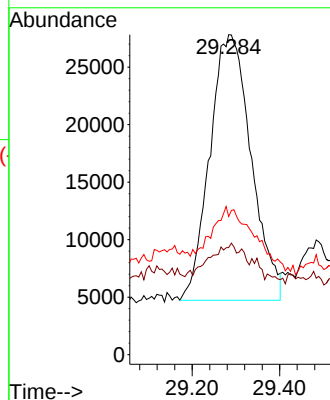
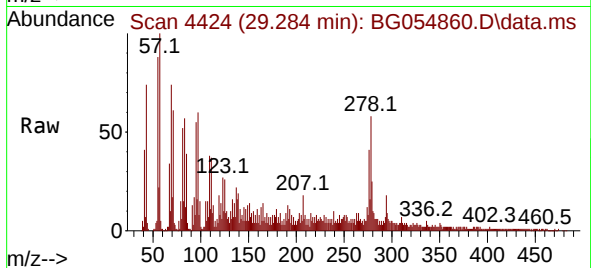
Tgt Ion:278 Resp: 151873

Ion Ratio Lower Upper

278 100

139 33.5 11.4 17.2#

279 43.2 19.3 28.9#



#92

Benzo(g,h,i)perylene

Concen: 18.286 ng

RT: 30.482 min Scan# 4628

Delta R.T. 0.184 min

Lab File: BG054860.D

Acq: 6 Sep 2022 20:42

Tgt Ion:276 Resp: 248990

Ion Ratio Lower Upper

276 100

277 30.1 19.4 29.0#

138 25.6 16.6 25.0#

