

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054198.D
 Acq On : 1 Jul 2022 19:35
 Operator : CG/JU
 Sample : N3564-26
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-2-4

Quant Time: Jul 01 23:35:32 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	8.076	152	20289	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	78150	20.000	ng	# 0.00
39) Acenaphthene-d10	14.709	164	52619	20.000	ng	0.01
64) Phenanthrene-d10	17.459	188	109172	20.000	ng	# 0.02
76) Chrysene-d12	21.778	240	127854	20.000	ng	# 0.06
86) Perylene-d12	25.091	264	142100	20.000	ng	# 0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	106197	100.074	ng	0.00
7) Phenol-d6	7.242	99	140196	97.387	ng	0.01
23) Nitrobenzene-d5	9.233	82	103381	74.339	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	87359	103.332	ng	0.02
45) 2-Fluorobiphenyl	13.323	172	260749	72.058	ng	0.00
79) Terphenyl-d14	20.080	244	448649	70.676	ng	0.04
Target Compounds						
						Qvalue
9) Benzaldehyde	7.218	77	3292	3.875	ng	# 27
12) 1,3-Dichlorobenzene	8.111	146	37438	26.369	ng	94
13) 1,4-Dichlorobenzene	8.111	146	37438	26.250	ng	97
14) 1,2-Dichlorobenzene	8.111	146	37438	27.345	ng	96
18) Hexachloroethane	9.186	117	6928	14.643	ng	# 1
22) Acetophenone	8.881	105	6912	3.639	ng	# 68
24) Nitrobenzene	9.269	77	2791	2.038	ng	# 56
25) Isophorone	9.803	82	14643	5.638	ng	# 1
26) 2-Nitrophenol	10.003	139	1732	2.863	ng	# 1
27) 2,4-Dimethylphenol	10.097	122	4306	4.398	ng	# 1
31) Naphthalene	10.931	128	9963	2.525	ng	# 68
32) Benzoic acid	10.168	122	481	12.148	ng	# 1
35) Caprolactam	11.801	113	1780	4.926	ng	# 1
37) 2-Methylnaphthalene	12.753	142	40304	13.808	ng	95
38) 1-Methylnaphthalene	12.753	142	40304	14.181	ng	# 99
51) 2,6-Dinitrotoluene	14.257	165	3521	4.349	ng	# 70
52) Acenaphthene	14.768	154	21447	7.295	ng	# 93
53) 3-Nitroaniline	14.615	138	2267	2.890	ng	# 29
54) 2,4-Dinitrophenol	14.798	184	330	7.724	ng	# 1
55) Dibenzofuran	15.103	168	11614	2.452	ng	# 1
56) 4-Nitrophenol	14.903	139	8318	14.936	ng	# 22
58) Fluorene	15.755	166	31168	8.014	ng	# 76
65) 4,6-Dinitro-2-methylph...	15.790	198	1120	2.056	ng	# 1
66) n-Nitrosodiphenylamine	15.961	169	59902	21.053	ng	# 46
69) Atrazine	16.907	200	2373	2.013	ng	# 1
71) Phenanthrene	17.500	178	128435	22.898	ng	# 83
72) Anthracene	17.594	178	61891	11.300	ng	# 82
75) Fluoranthene	19.533	202	227943	30.958	ng	84
78) Pyrene	19.897	202	374715	48.525	ng	# 86
81) Benzo(a)anthracene	21.760	228	350742	42.369	ng	# 73
82) 3,3'-Dichlorobenzidine	21.637	252	11067	4.475	ng	# 63
83) Chrysene	21.825	228	461851	58.529	ng	# 78
88) Benzo(b)fluoranthene	24.046	252	318470	36.860	ng	# 79
89) Benzo(k)fluoranthene	24.046	252	318470	37.229	ng	# 80
90) Benzo(a)pyrene	24.944	252	317614	43.569	ng	# 84
91) Dibenzo(a,h)anthracene	28.916	278	115779	13.056	ng	# 62

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QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

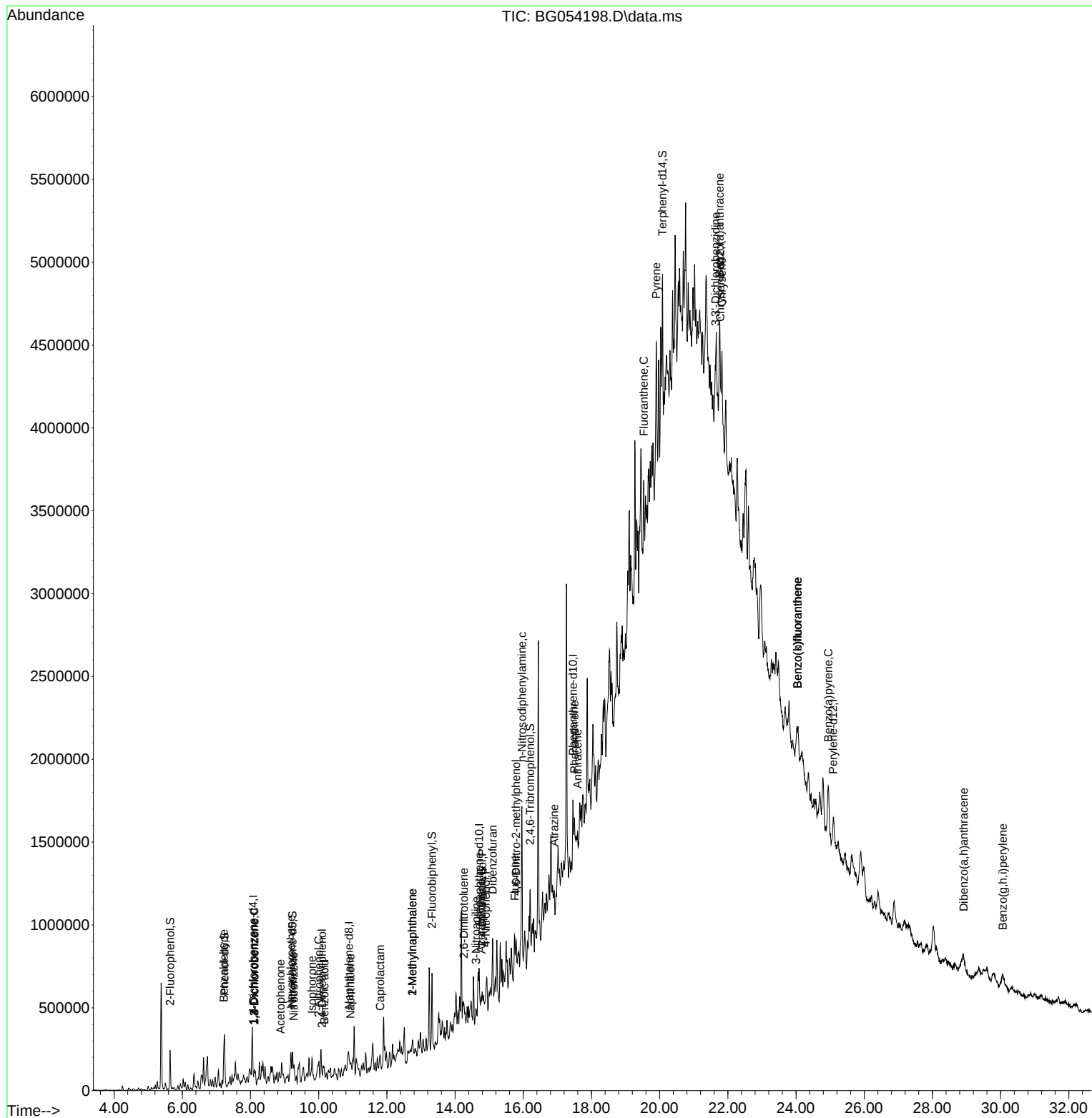
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	30.068	276	219877	25.126	ng	# 90

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

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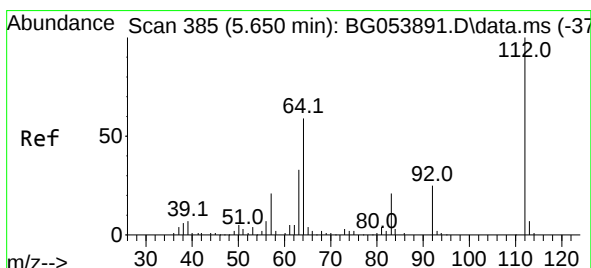
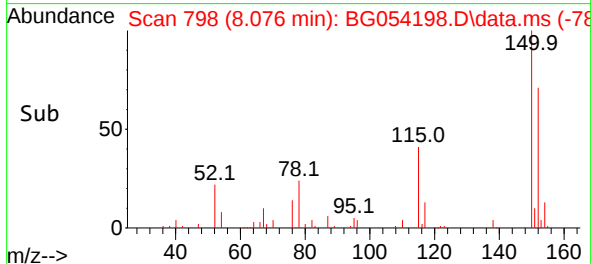
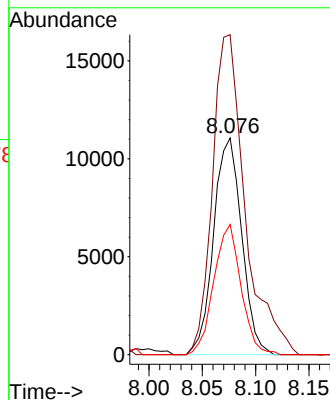
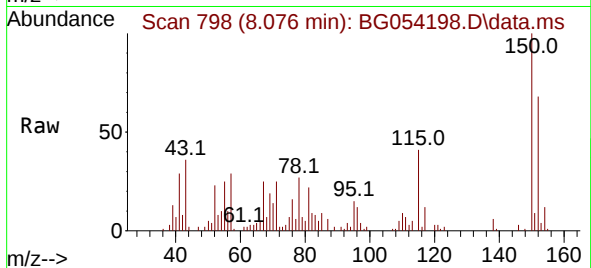




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

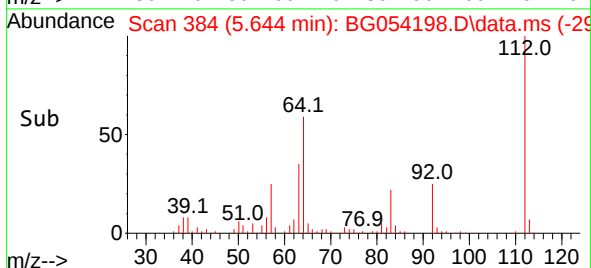
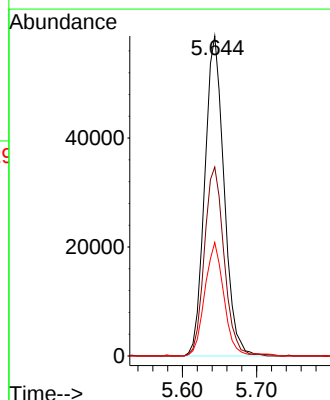
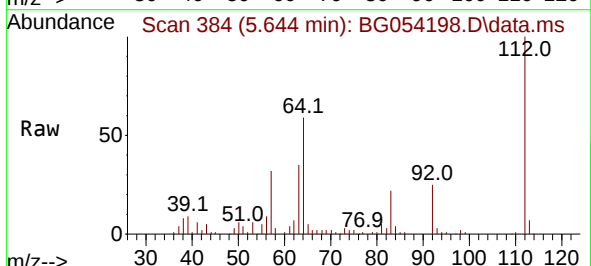
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

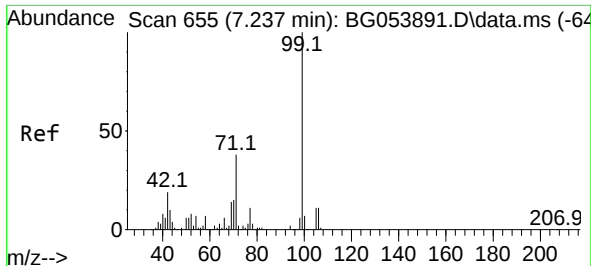
Tgt Ion:152 Resp: 20289
Ion Ratio Lower Upper
152 100
150 147.7 131.6 197.4
115 60.1 50.9 76.3



#5
2-Fluorophenol
Concen: 100.074 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:112 Resp: 106197
Ion Ratio Lower Upper
112 100
64 59.0 55.1 82.7
63 35.4 30.4 45.6

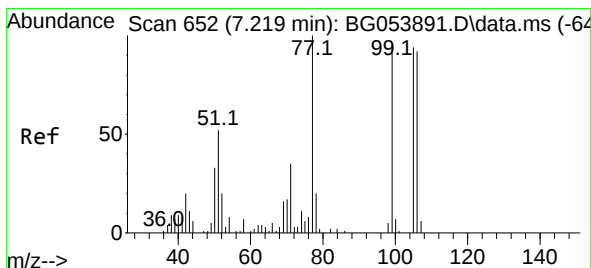
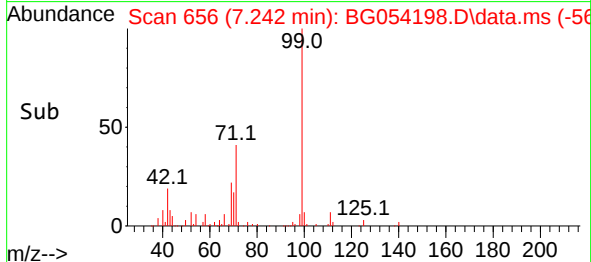
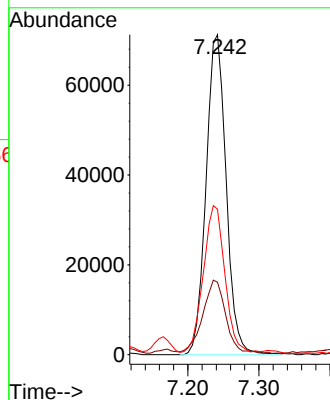
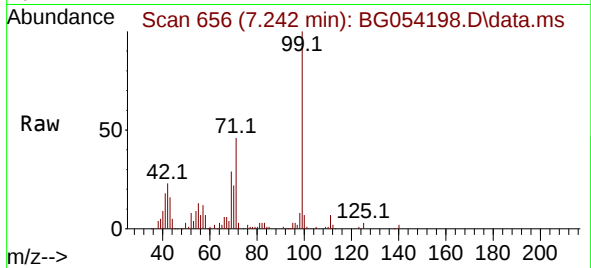




#7
Phenol-d6
Concen: 97.387 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.012 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

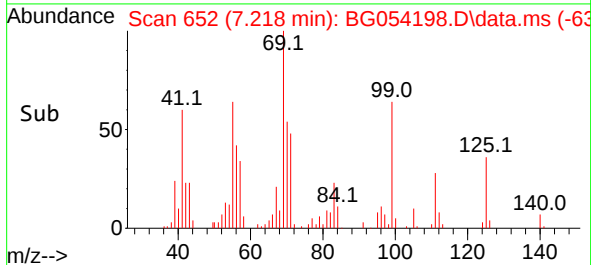
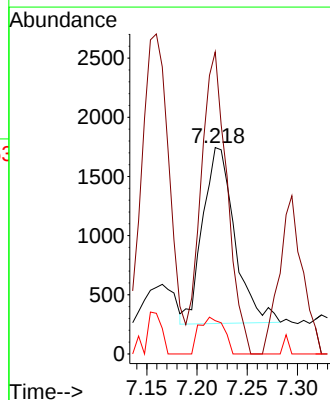
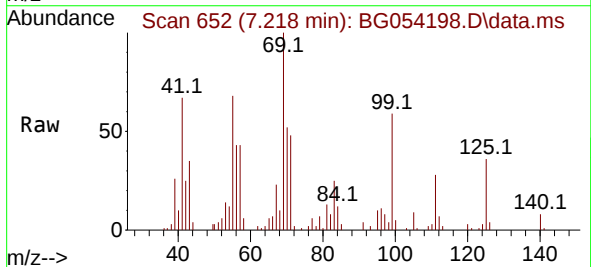
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

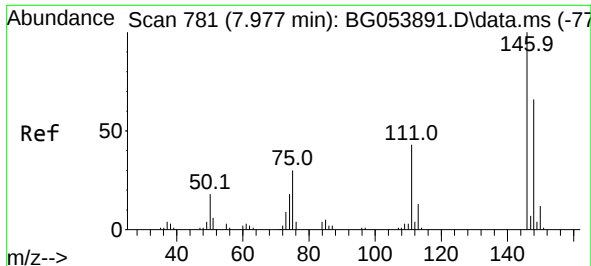
Tgt Ion: 99 Resp: 140196
Ion Ratio Lower Upper
99 100
42 22.6 17.0 25.6
71 45.5 33.8 50.8



#9
Benzaldehyde
Concen: 3.875 ng
RT: 7.218 min Scan# 652
Delta R.T. 0.012 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion: 77 Resp: 3292
Ion Ratio Lower Upper
77 100
105 146.4 59.6 99.6#
106 16.2 56.8 96.8#





#12

1,3-Dichlorobenzene

Concen: 26.369 ng

RT: 8.111 min Scan# 804

Delta R.T. 0.147 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

Instrument :

BNA_G

ClientSampleId :

WC-16-2-4

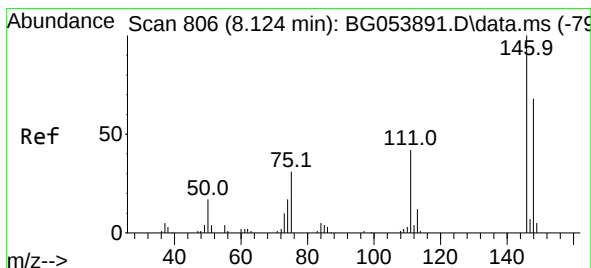
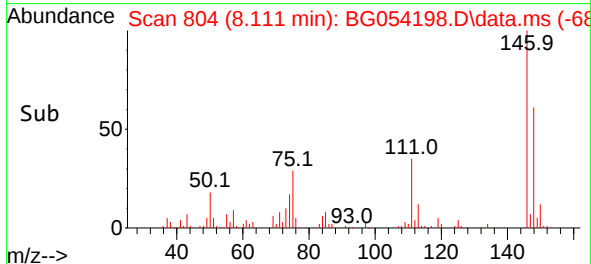
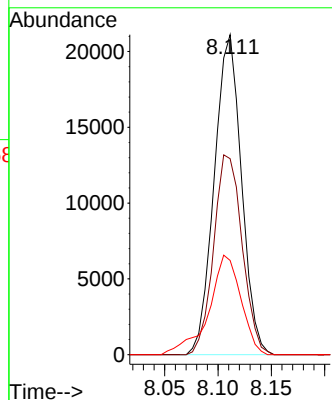
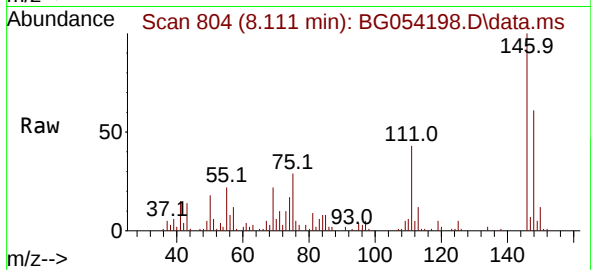
Tgt Ion:146 Resp: 37438

Ion Ratio Lower Upper

146 100

148 61.3 46.1 69.1

75 29.4 27.6 41.4



#13

1,4-Dichlorobenzene

Concen: 26.250 ng

RT: 8.111 min Scan# 804

Delta R.T. 0.006 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

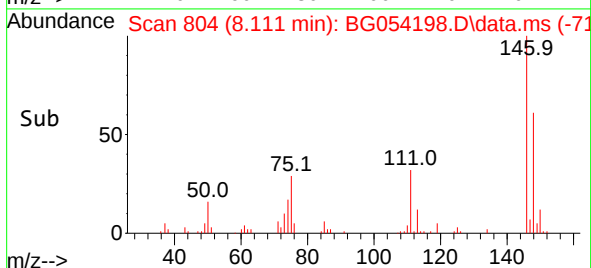
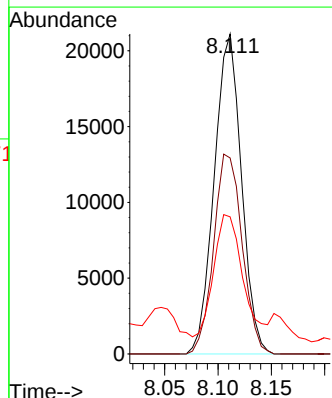
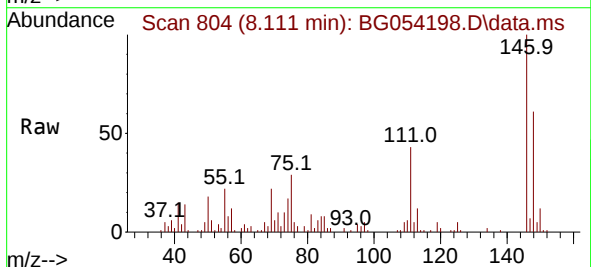
Tgt Ion:146 Resp: 37438

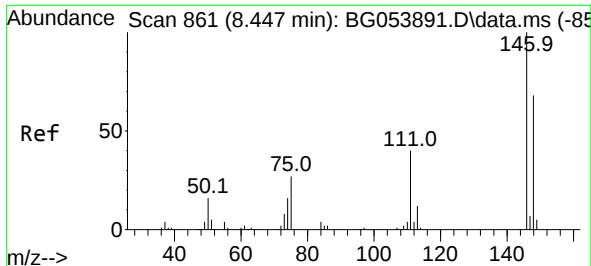
Ion Ratio Lower Upper

146 100

148 61.3 51.5 77.3

111 42.8 33.9 50.9

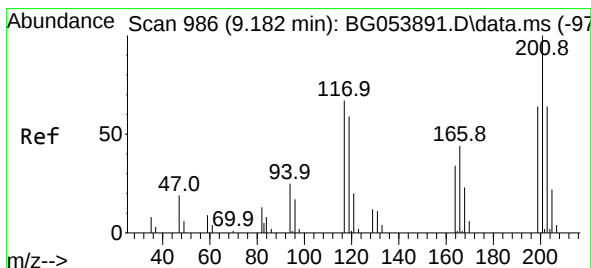
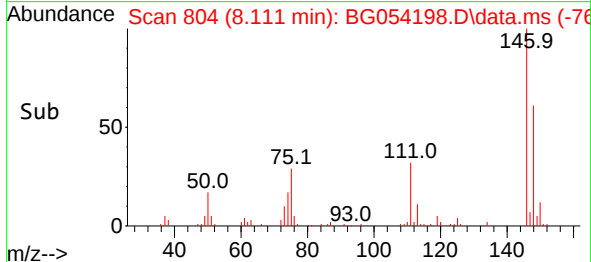
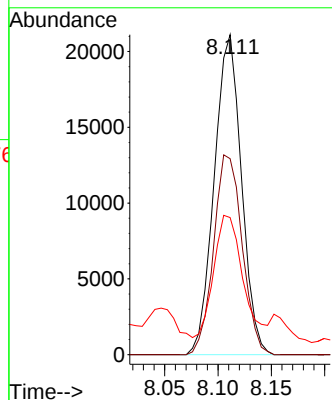
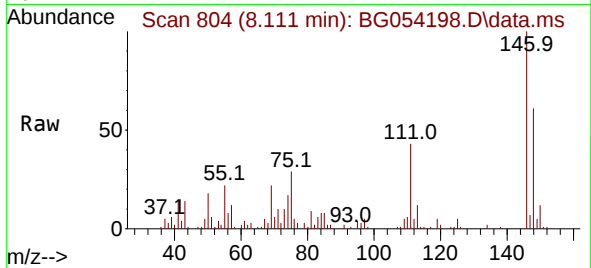




#14
1,2-Dichlorobenzene
Concen: 27.345 ng
RT: 8.111 min Scan# 80
Delta R.T. -0.318 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

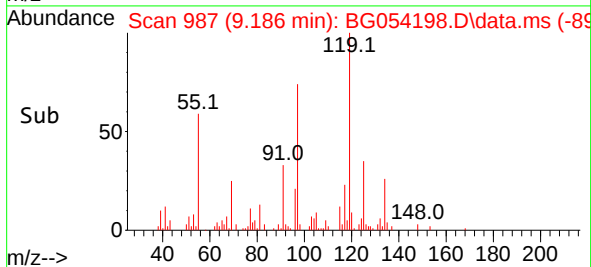
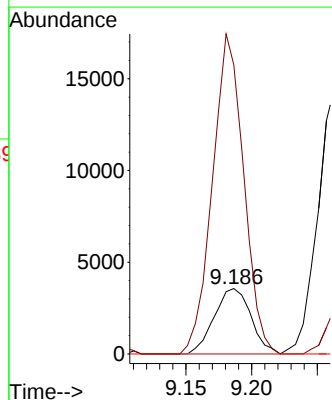
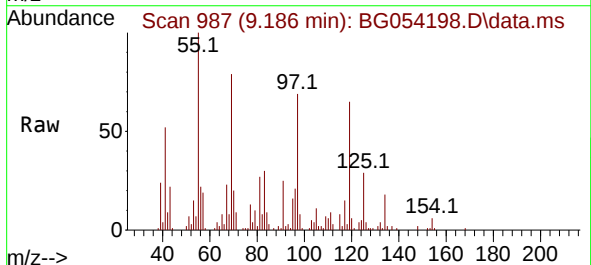
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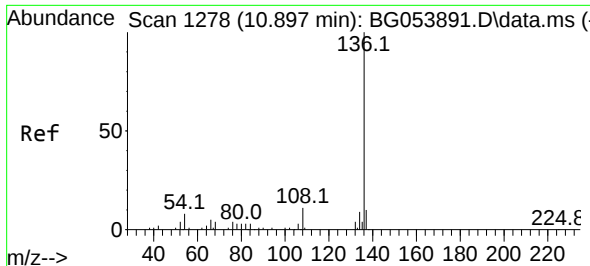
Tgt Ion:146 Resp: 37438
Ion Ratio Lower Upper
146 100
148 61.3 52.6 78.8
111 42.8 34.5 51.7



#18
Hexachloroethane
Concen: 14.643 ng
RT: 9.186 min Scan# 987
Delta R.T. 0.023 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:117 Resp: 6928
Ion Ratio Lower Upper
117 100
119 442.2 75.0 112.6#
201 0.0 89.0 133.6#

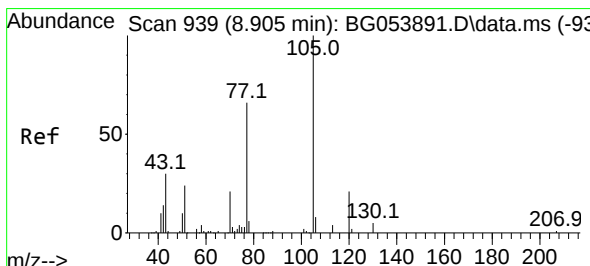
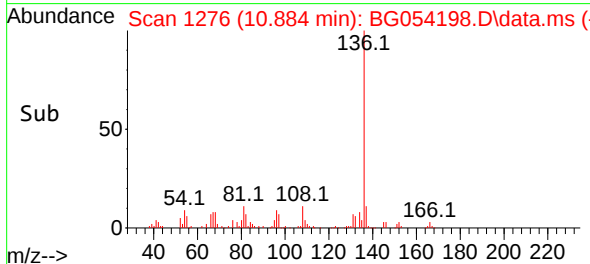
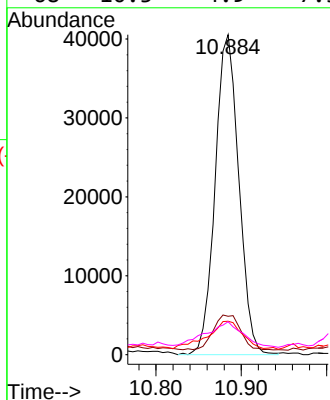
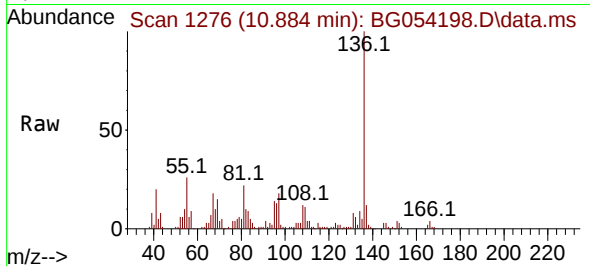




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

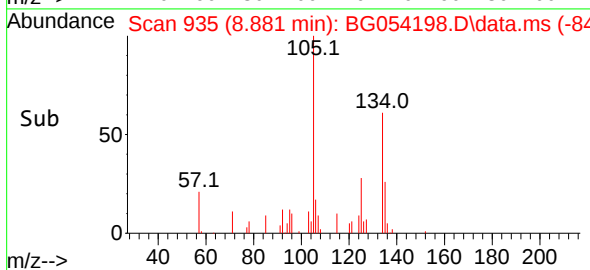
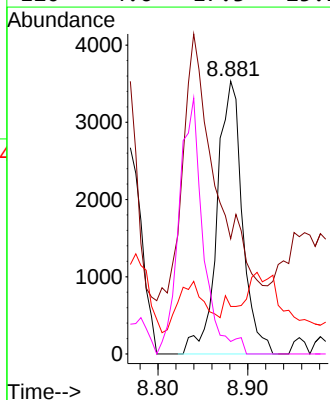
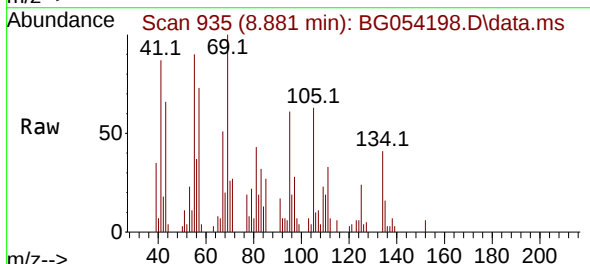
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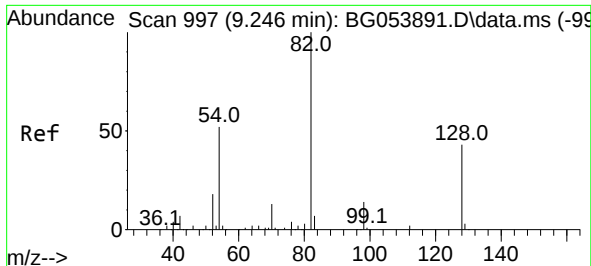
Tgt Ion:	136	Resp:	78150
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.5	12.7
54	10.5	7.4	11.2
68	10.3	4.9	7.3#



#22
Acetophenone
Concen: 3.639 ng
RT: 8.881 min Scan# 935
Delta R.T. -0.012 min
Lab File: BG054198.D
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Tgt Ion:	105	Resp:	6912
Ion Ratio	Lower	Upper	
105	100		
71	42.3	1.1	1.7#
51	17.4	25.4	38.0#
120	4.6	17.3	25.9#





#23

Nitrobenzene-d5

Concen: 74.339 ng

RT: 9.233 min Scan# 995

Delta R.T. -0.000 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

Instrument :

BNA_G

ClientSampleId :

WC-16-2-4

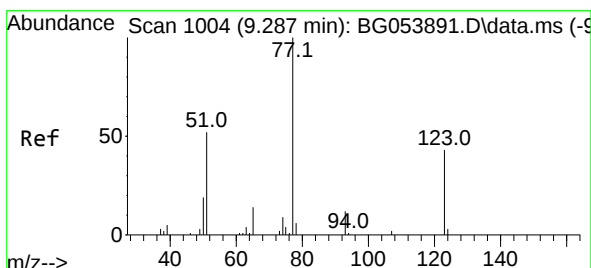
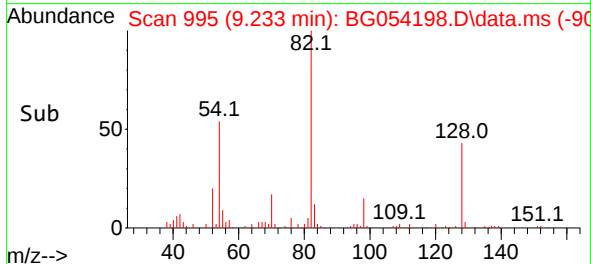
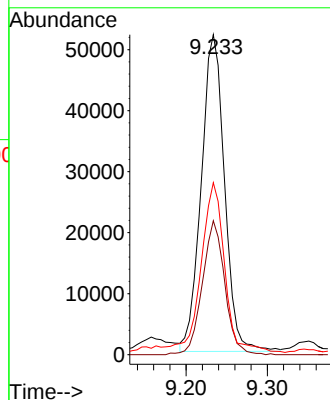
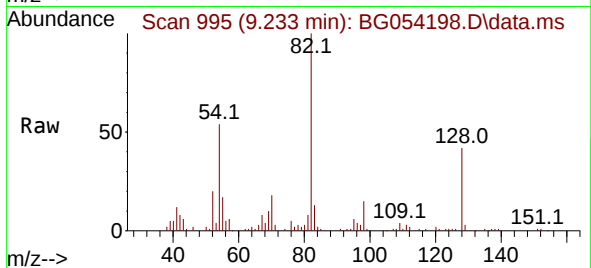
Tgt Ion: 82 Resp: 103381

Ion Ratio Lower Upper

82 100

128 41.9 27.9 41.9

54 53.7 41.2 61.8



#24

Nitrobenzene

Concen: 2.038 ng

RT: 9.269 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

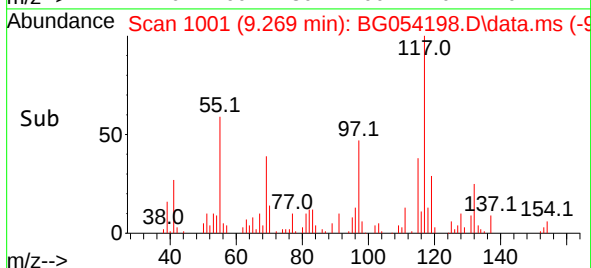
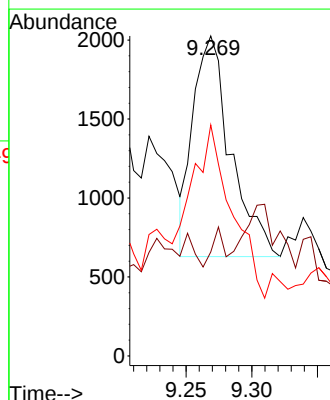
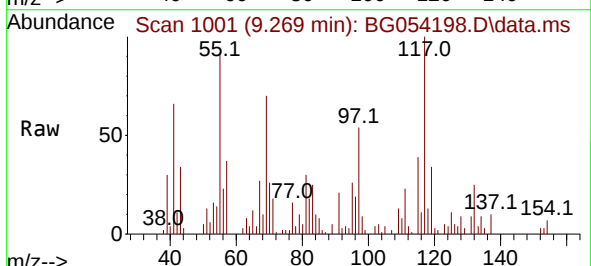
Tgt Ion: 77 Resp: 2791

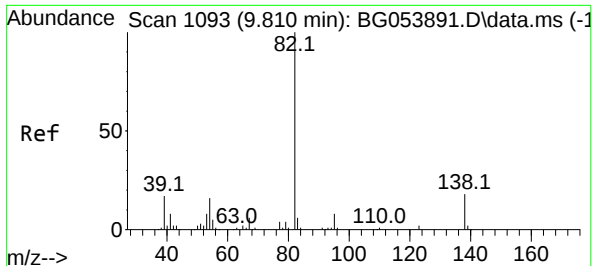
Ion Ratio Lower Upper

77 100

123 32.5 27.4 41.0

65 72.2 11.4 17.0#

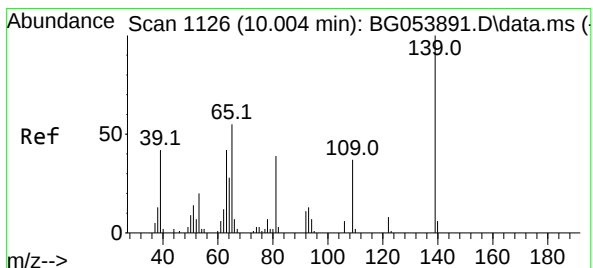
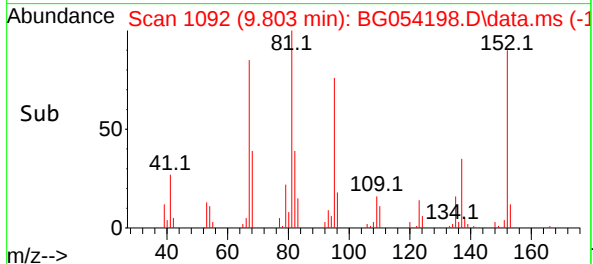
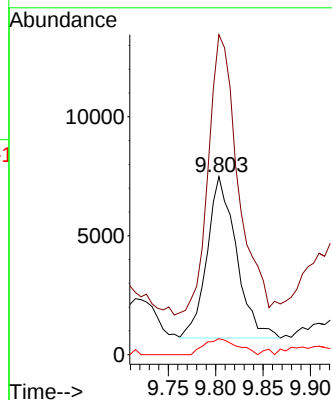
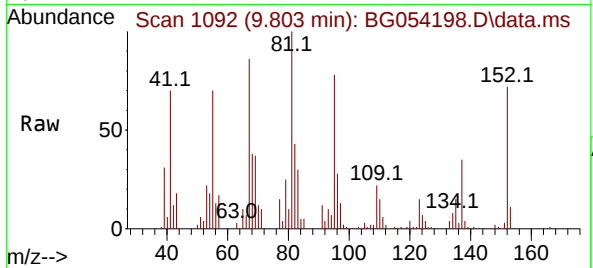




#25
Isophorone
Concen: 5.638 ng
RT: 9.803 min Scan# 1092
Delta R.T. 0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

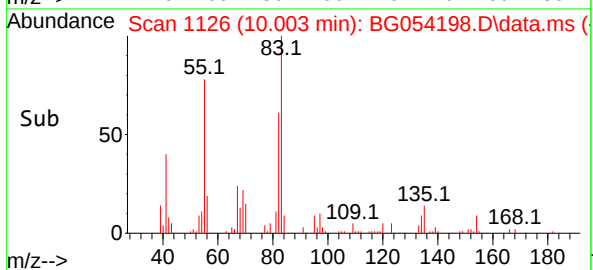
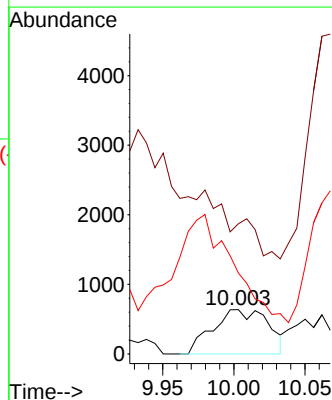
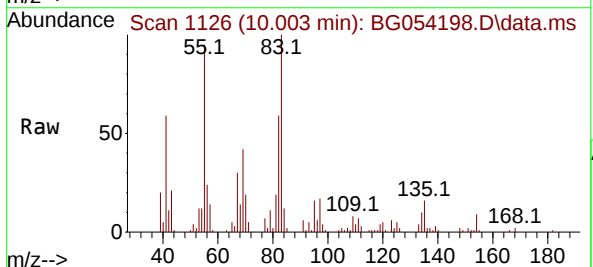
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

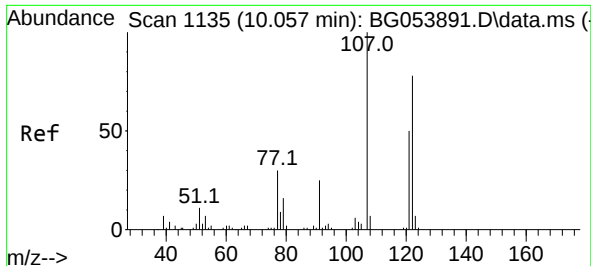
Tgt Ion: 82 Resp: 14643
Ion Ratio Lower Upper
82 100
95 179.6 6.2 9.4#
138 9.0 11.6 17.4#



#26
2-Nitrophenol
Concen: 2.863 ng
RT: 10.003 min Scan# 1126
Delta R.T. 0.011 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion: 139 Resp: 1732
Ion Ratio Lower Upper
139 100
109 293.3 36.1 54.1#
65 182.1 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 4.398 ng

RT: 10.097 min Scan# 1135

Delta R.T. 0.053 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

Instrument :

BNA_G

ClientSampleId :

WC-16-2-4

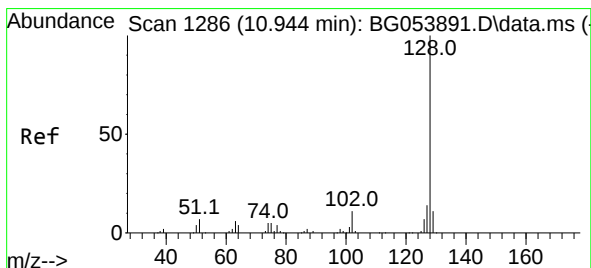
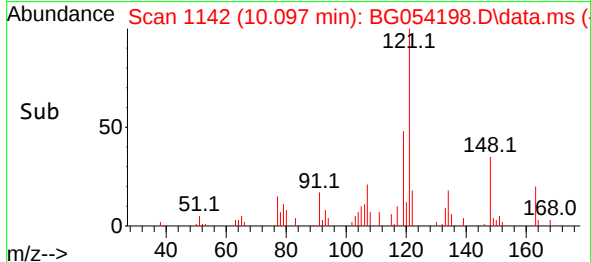
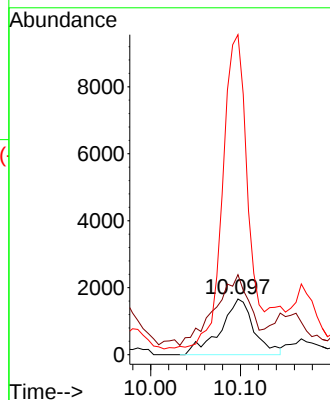
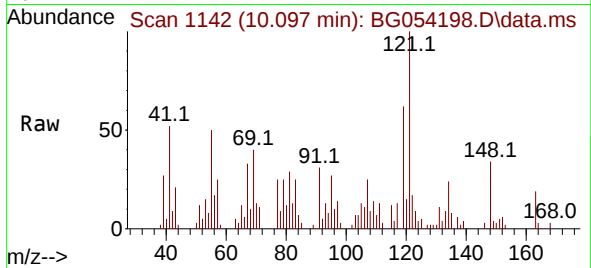
Tgt Ion:122 Resp: 4306

Ion Ratio Lower Upper

122 100

107 143.6 109.4 164.0

121 574.6 48.7 73.1#



#31

Naphthalene

Concen: 2.525 ng

RT: 10.931 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

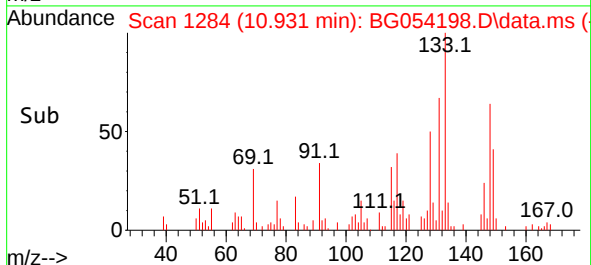
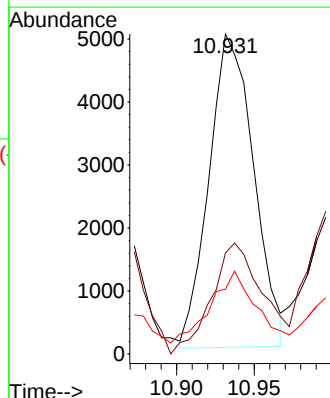
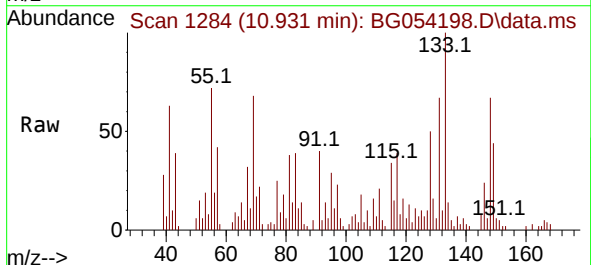
Tgt Ion:128 Resp: 9963

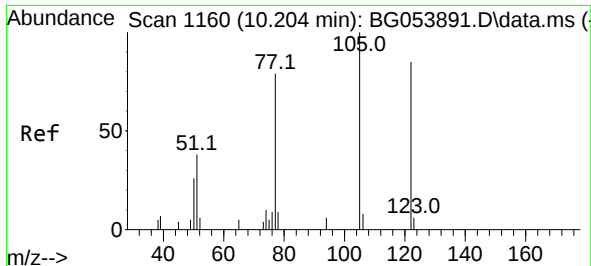
Ion Ratio Lower Upper

128 100

129 31.6 9.0 13.6#

127 20.2 11.1 16.7#

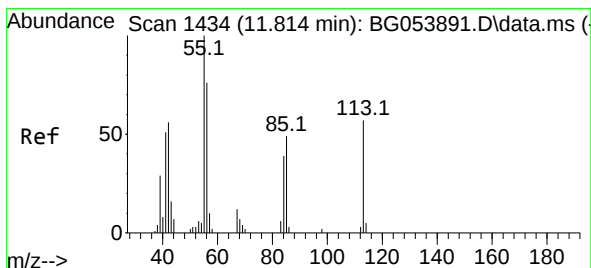
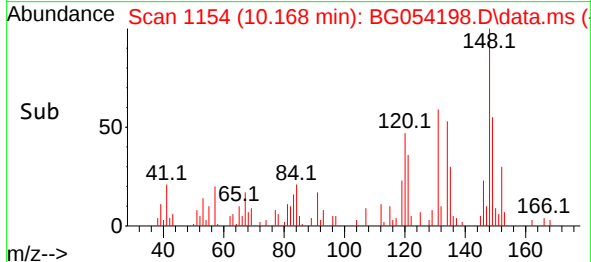
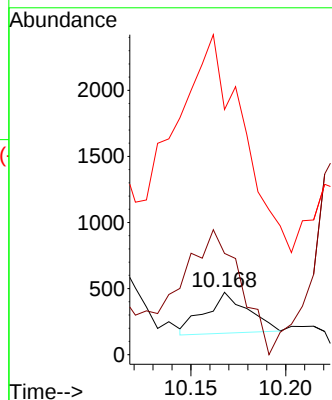
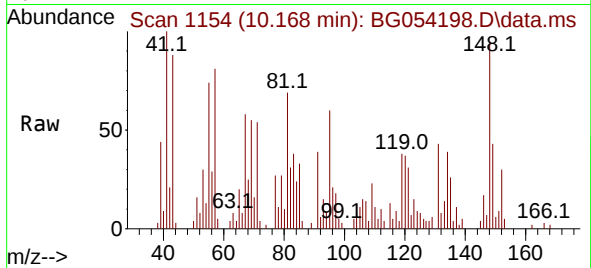




#32
Benzoic acid
Concen: 12.148 ng
RT: 10.168 min Scan# 1160
Delta R.T. -0.030 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

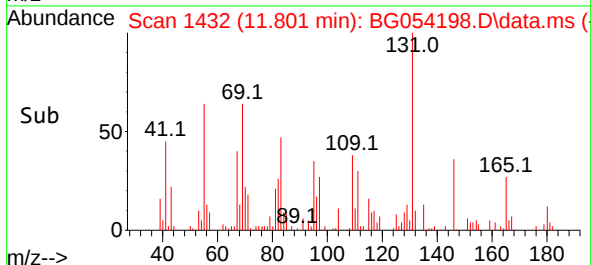
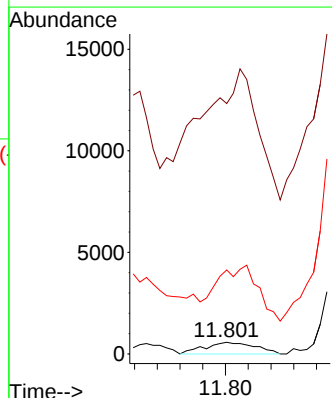
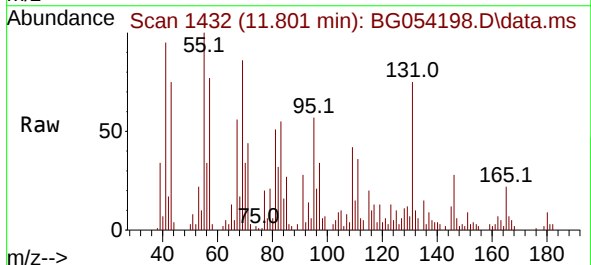
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

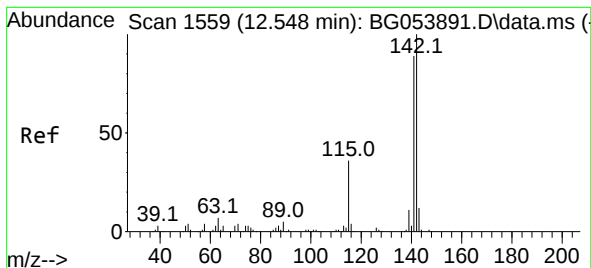
Tgt Ion:122 Resp: 481
Ion Ratio Lower Upper
122 100
105 162.3 111.8 151.8#
77 393.0 109.4 149.4#



#35
Caprolactam
Concen: 4.926 ng
RT: 11.801 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:113 Resp: 1780
Ion Ratio Lower Upper
113 100
55 2154.5 169.8 209.8#
56 723.1 141.2 181.2#

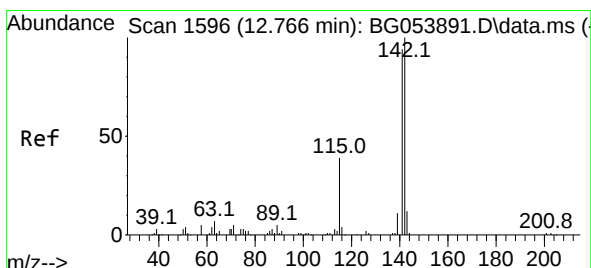
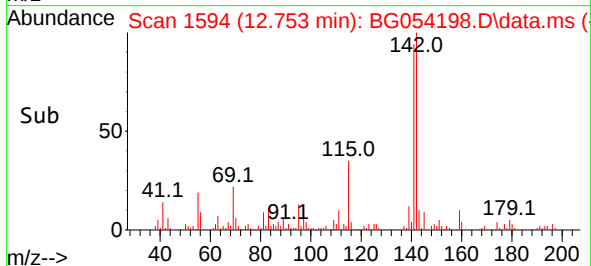
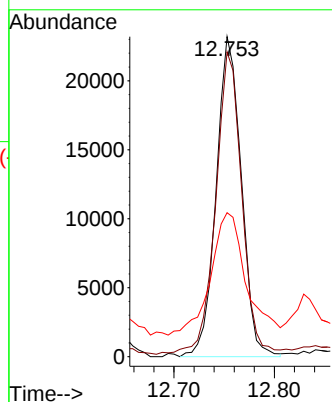
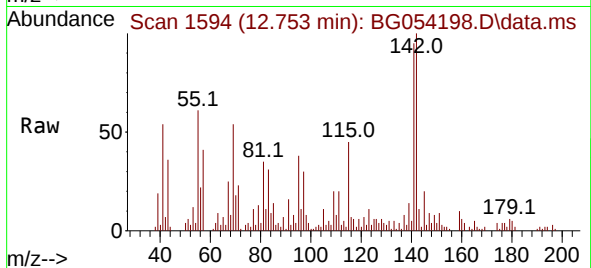




#37
2-Methylnaphthalene
Concen: 13.808 ng
RT: 12.753 min Scan# 1594
Delta R.T. 0.223 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

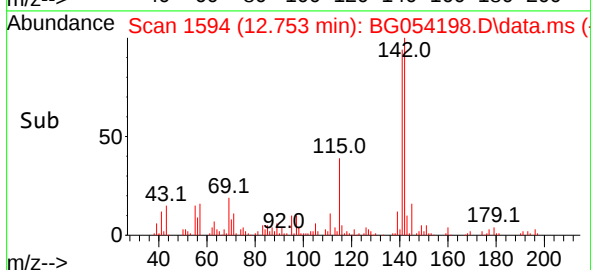
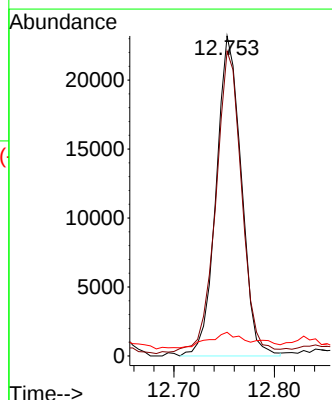
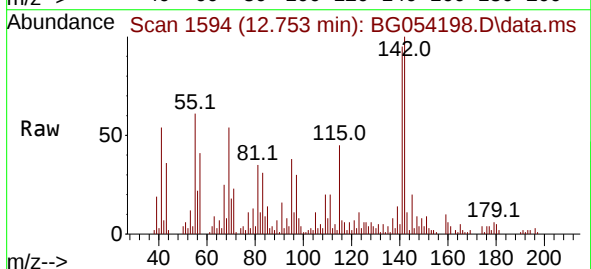
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

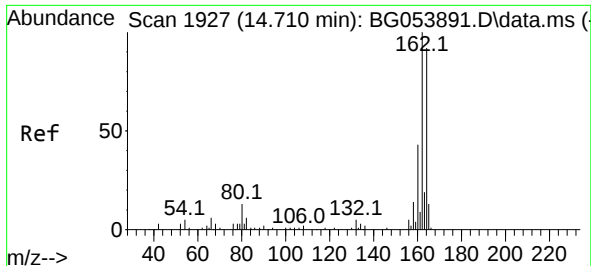
Tgt Ion:142 Resp: 40304
Ion Ratio Lower Upper
142 100
141 95.2 72.3 108.5
115 45.0 33.7 50.5



#38
1-Methylnaphthalene
Concen: 14.181 ng
RT: 12.753 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:142 Resp: 40304
Ion Ratio Lower Upper
142 100
141 95.2 76.4 114.6
116 7.4 3.3 4.9#

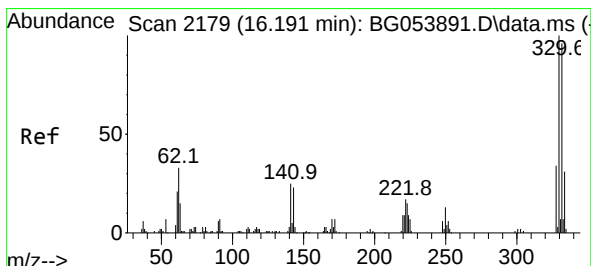
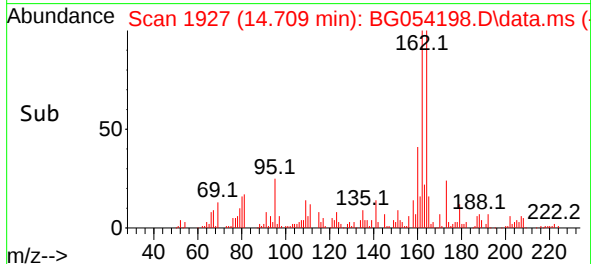
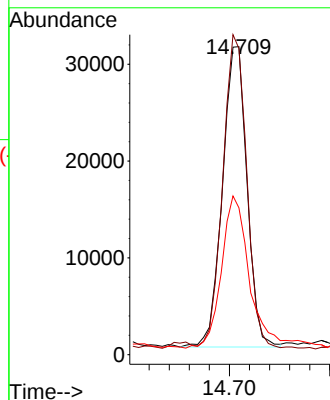
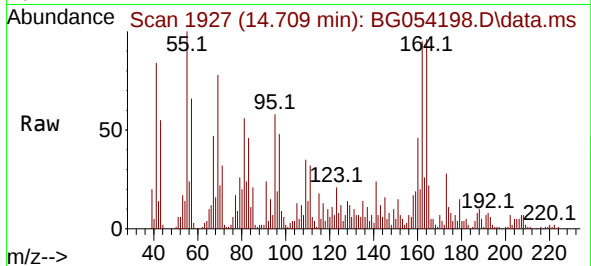




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.709 min Scan# 1927
Delta R.T. 0.012 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

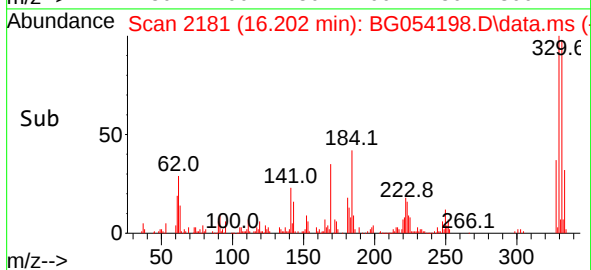
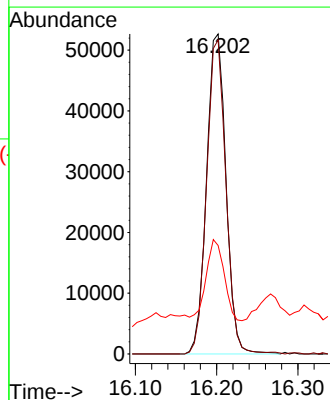
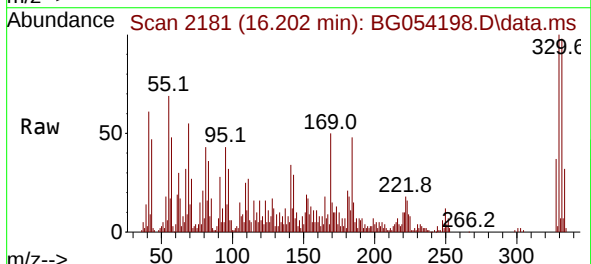
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

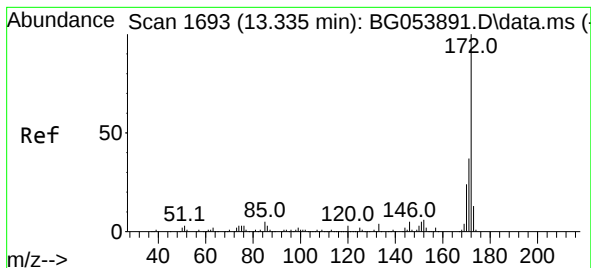
Tgt Ion:164 Resp: 52619
Ion Ratio Lower Upper
164 100
162 99.4 82.3 123.5
160 47.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 103.332 ng
RT: 16.202 min Scan# 2181
Delta R.T. 0.017 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:330 Resp: 87359
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 23.6 27.1 40.7#

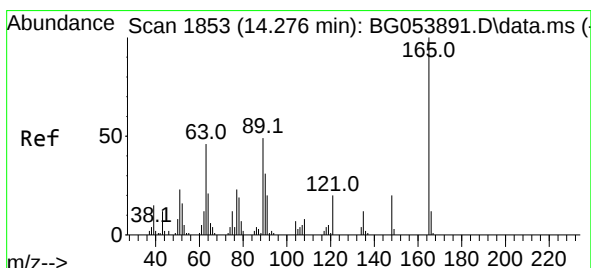
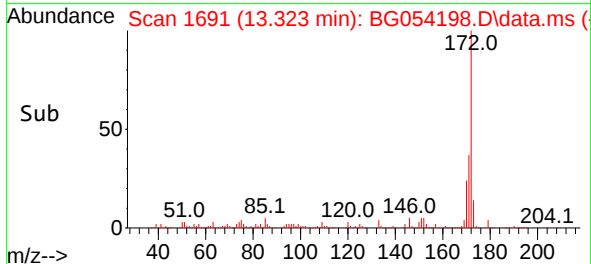
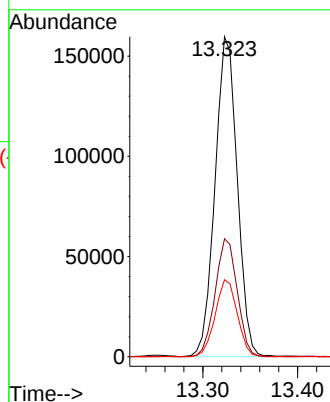
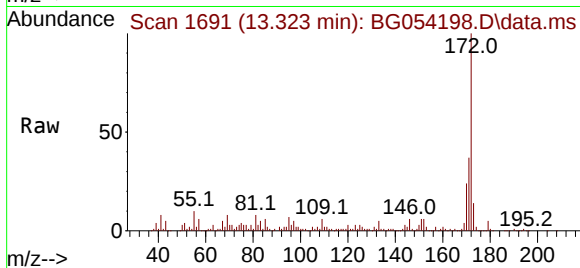




#45
2-Fluorobiphenyl
Concen: 72.058 ng
RT: 13.323 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

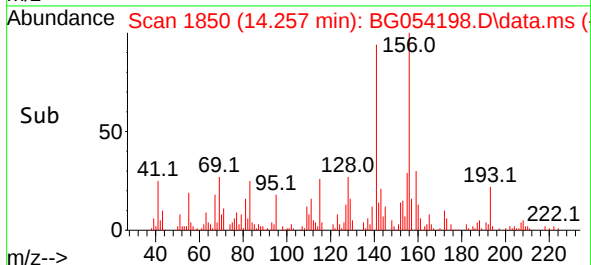
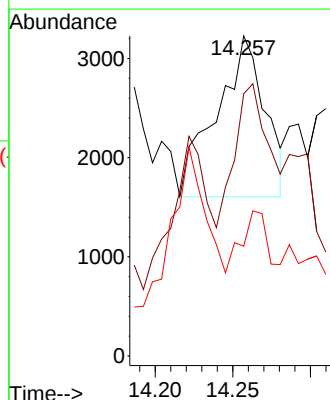
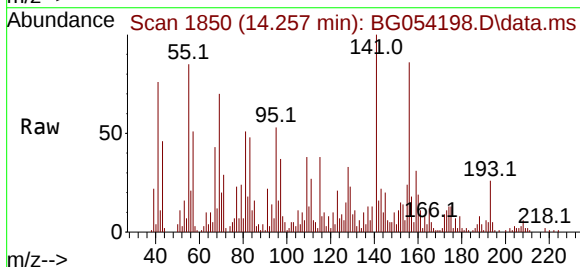
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

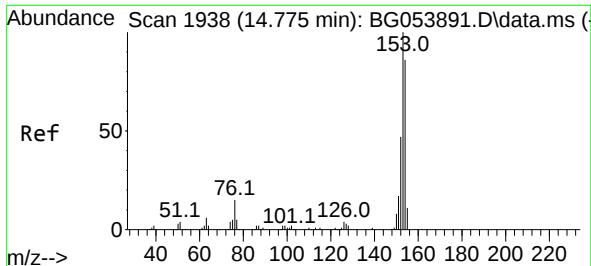
Tgt Ion:172 Resp: 260749
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 4.349 ng
RT: 14.257 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:165 Resp: 3521
Ion Ratio Lower Upper
165 100
63 82.0 54.1 81.1#
89 34.3 54.8 82.2#

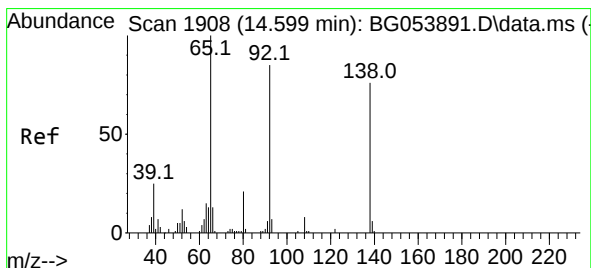
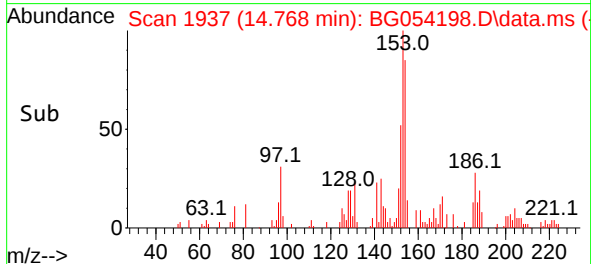
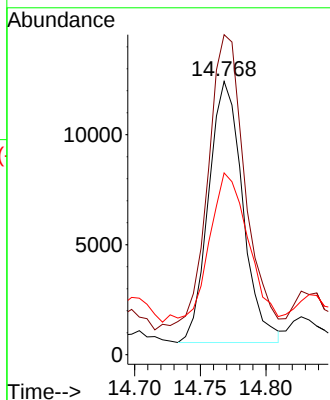
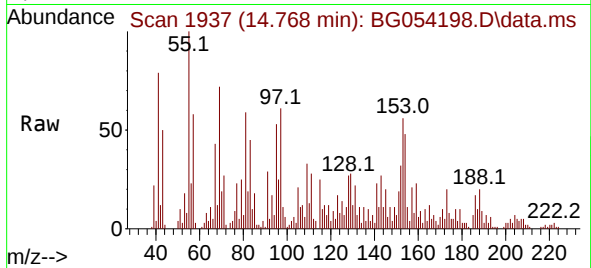




#52
Acenaphthene
Concen: 7.295 ng
RT: 14.768 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

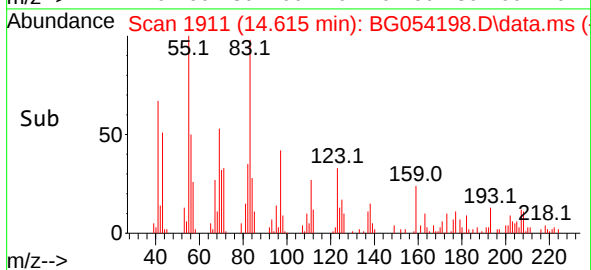
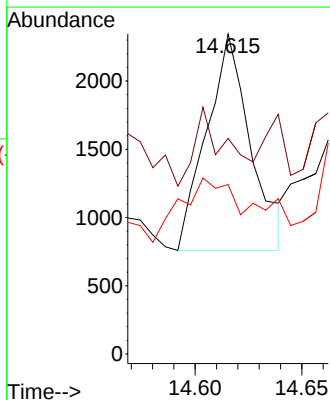
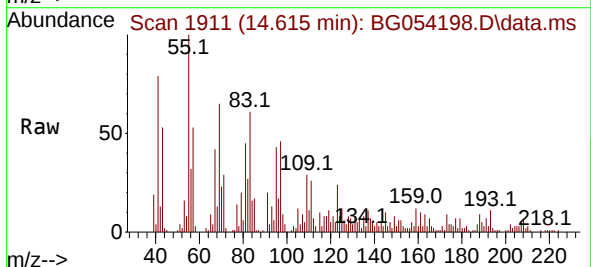
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

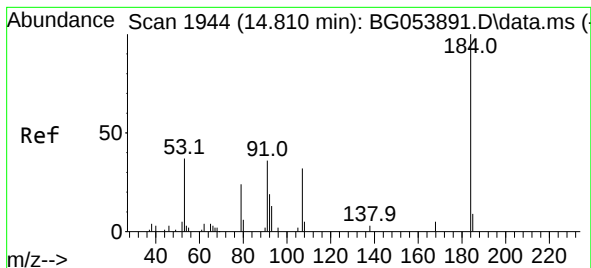
Tgt Ion:154 Resp: 21447
Ion Ratio Lower Upper
154 100
153 117.1 92.7 139.1
152 66.5 42.6 64.0#



#53
3-Nitroaniline
Concen: 2.890 ng
RT: 14.615 min Scan# 1911
Delta R.T. 0.023 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:138 Resp: 2267
Ion Ratio Lower Upper
138 100
108 67.4 9.2 13.8#
92 53.0 101.9 152.9#

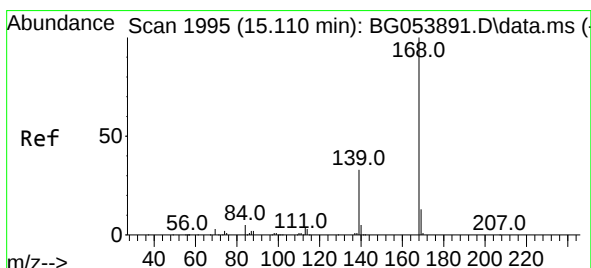
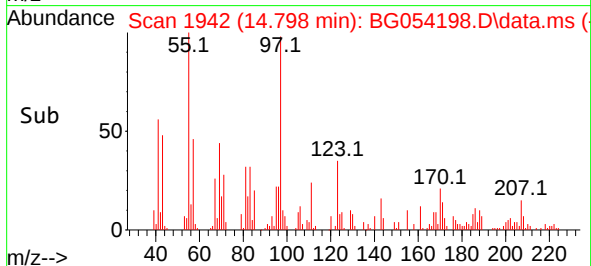
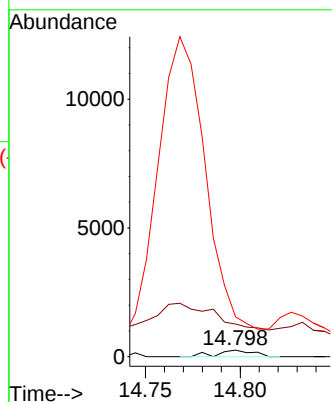
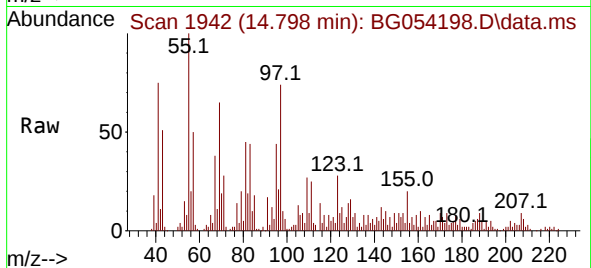




#54
2,4-Dinitrophenol
Concen: 7.724 ng
RT: 14.798 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

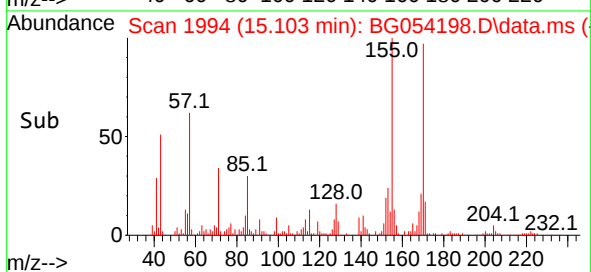
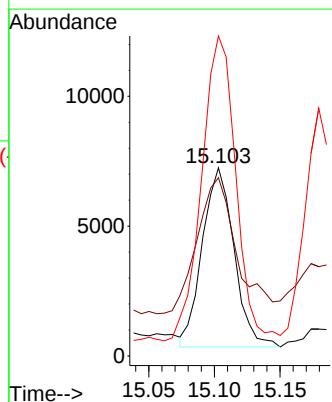
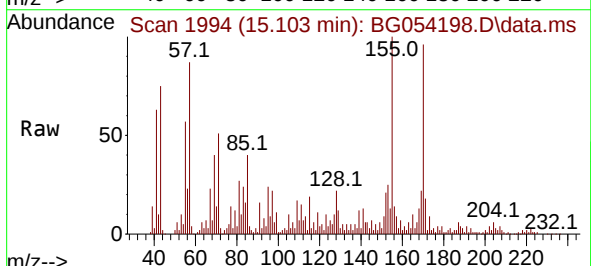
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

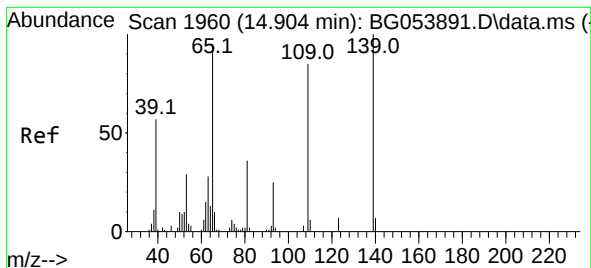
Tgt Ion:184 Resp: 330
Ion Ratio Lower Upper
184 100
63 501.2 61.1 91.7#
154 611.1 60.6 91.0#



#55
Dibenzofuran
Concen: 2.452 ng
RT: 15.103 min Scan# 1994
Delta R.T. 0.011 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:168 Resp: 11614
Ion Ratio Lower Upper
168 100
139 94.8 30.5 45.7#
169 170.1 10.3 15.5#

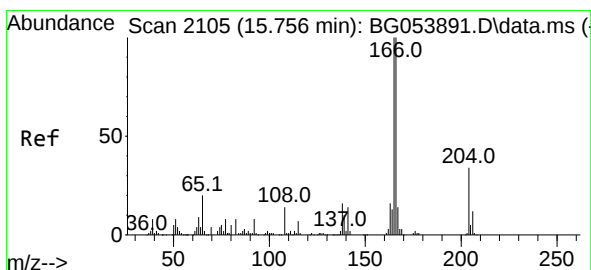
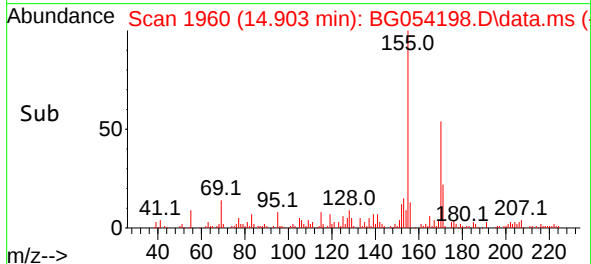
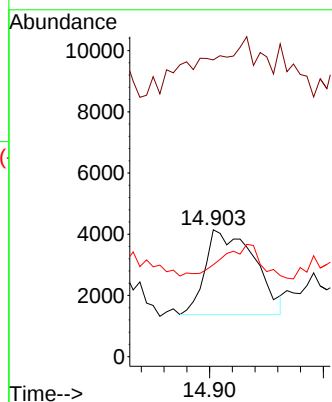
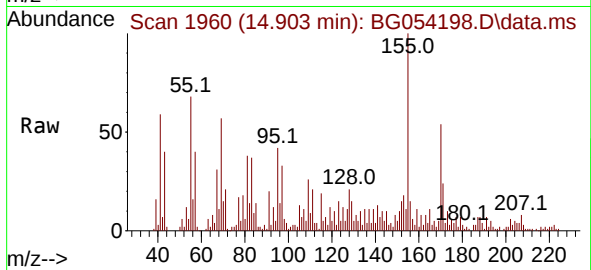




#56
4-Nitrophenol
Concen: 14.936 ng
RT: 14.903 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

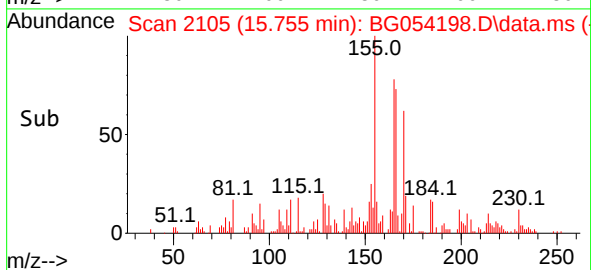
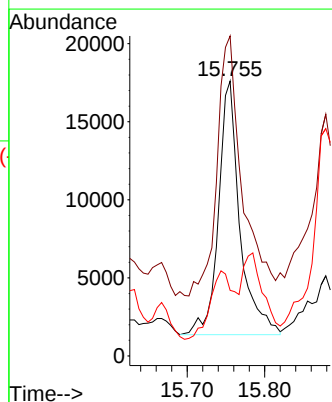
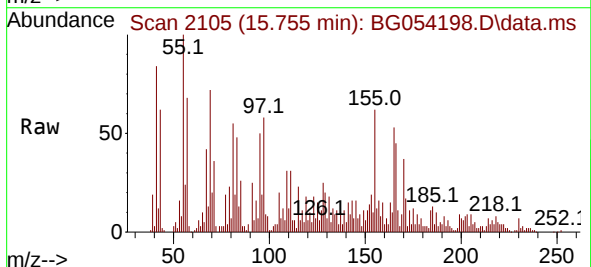
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

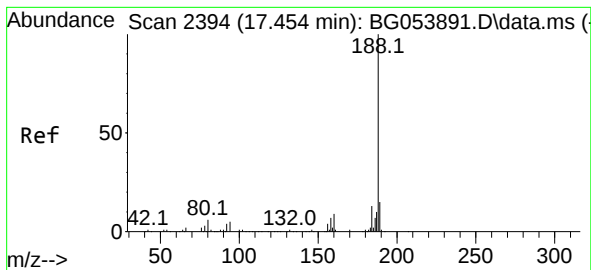
Tgt Ion:139 Resp: 8318
Ion Ratio Lower Upper
139 100
109 233.9 88.5 128.5#
65 72.5 93.9 133.9#



#58
Fluorene
Concen: 8.014 ng
RT: 15.755 min Scan# 2105
Delta R.T. 0.011 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:166 Resp: 31168
Ion Ratio Lower Upper
166 100
165 116.4 75.0 112.6#
167 23.9 10.8 16.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.459 min Scan# 2111

Delta R.T. 0.017 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

Instrument :

BNA_G

ClientSampleId :

WC-16-2-4

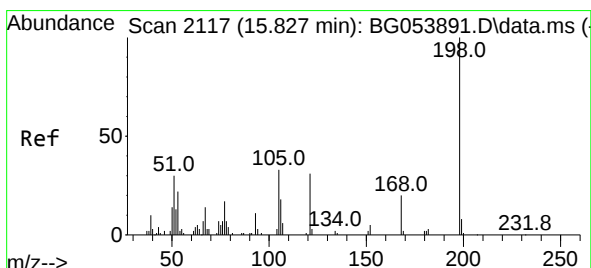
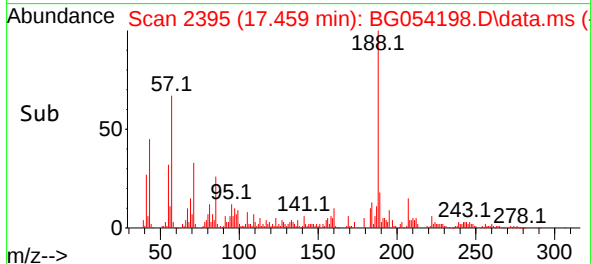
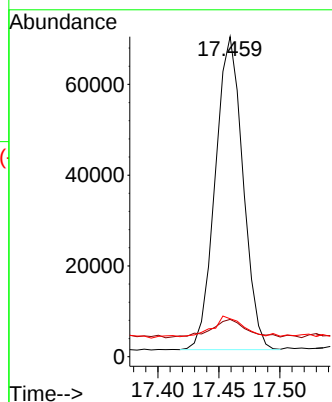
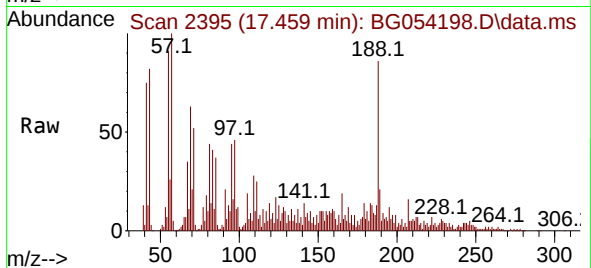
Tgt Ion:188 Resp: 109172

Ion Ratio Lower Upper

188 100

94 11.7 5.4 8.0#

80 11.8 6.8 10.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 2.056 ng

RT: 15.790 min Scan# 2111

Delta R.T. -0.024 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

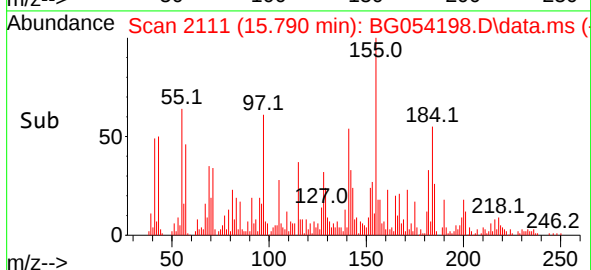
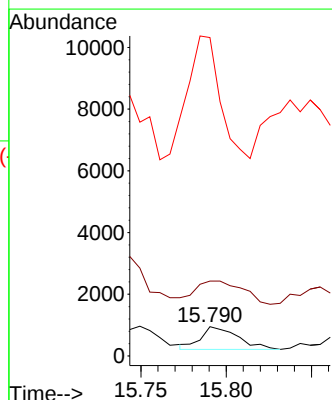
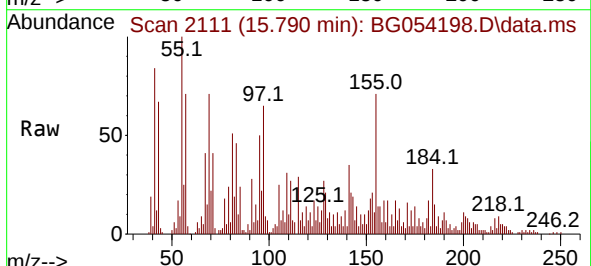
Tgt Ion:198 Resp: 1120

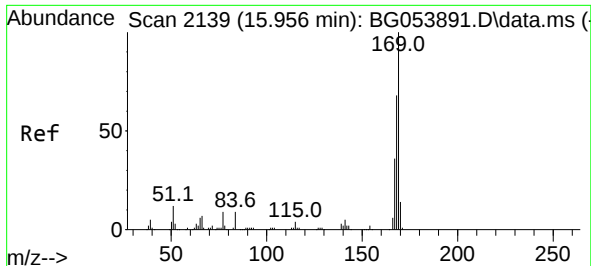
Ion Ratio Lower Upper

198 100

51 255.7 28.1 68.1#

105 1087.5 20.3 60.3#

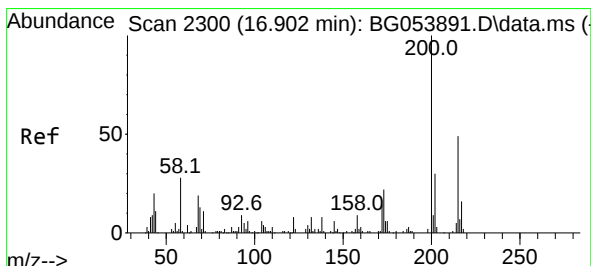
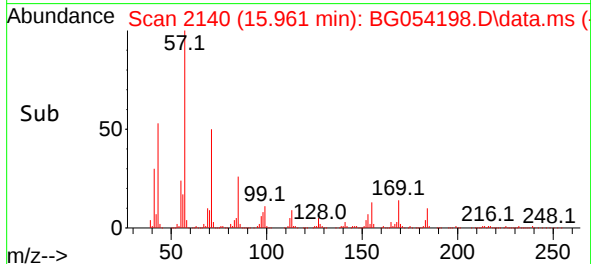
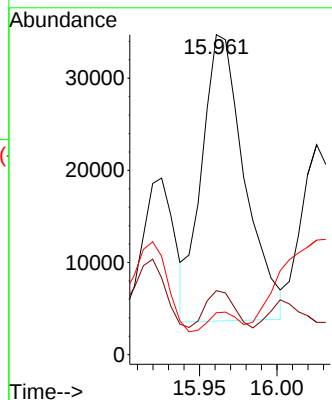
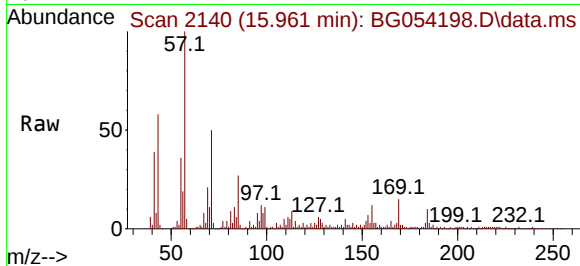




#66
n-Nitrosodiphenylamine
Concen: 21.053 ng
RT: 15.961 min Scan# 2139
Delta R.T. 0.017 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

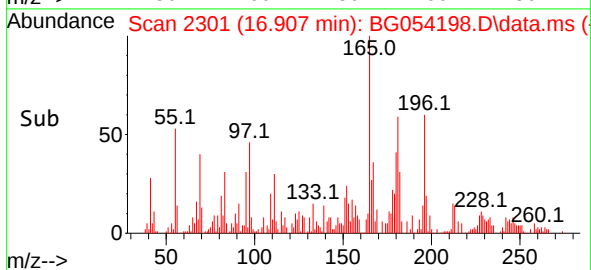
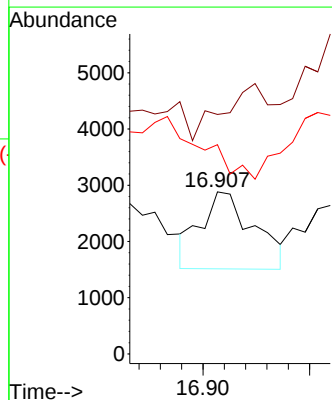
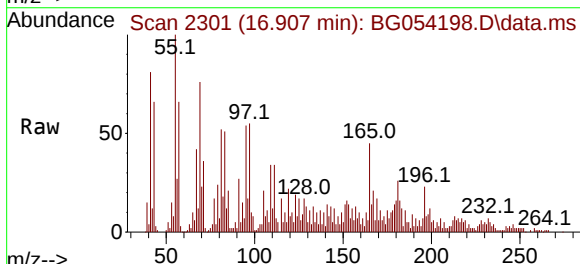
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

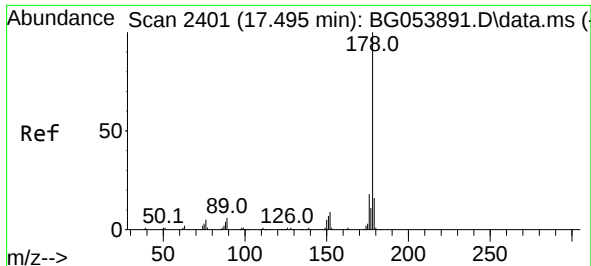
Tgt Ion:169 Resp: 59902
Ion Ratio Lower Upper
169 100
168 20.0 55.9 83.9#
167 13.1 30.6 46.0#



#69
Atrazine
Concen: 2.013 ng
RT: 16.907 min Scan# 2301
Delta R.T. 0.017 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:200 Resp: 2373
Ion Ratio Lower Upper
200 100
173 147.8 3.7 43.7#
215 129.1 25.2 65.2#

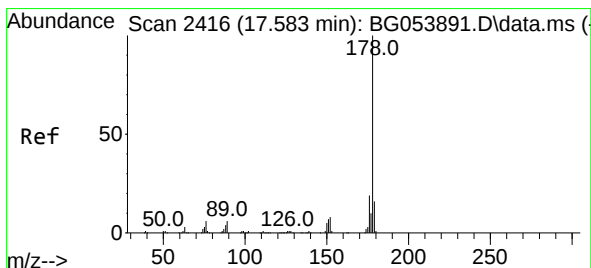
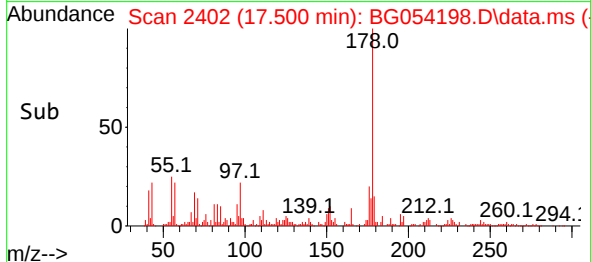
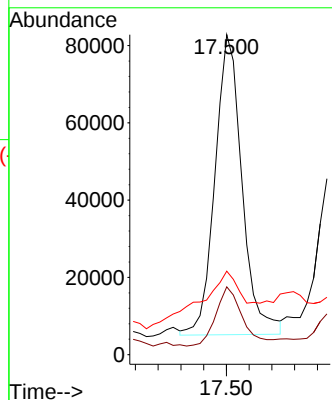
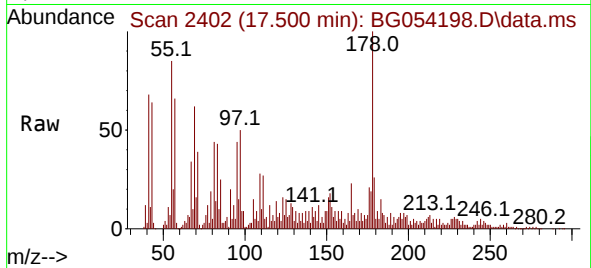




#71
Phenanthrene
Concen: 22.898 ng
RT: 17.500 min Scan# 2401
Delta R.T. 0.017 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

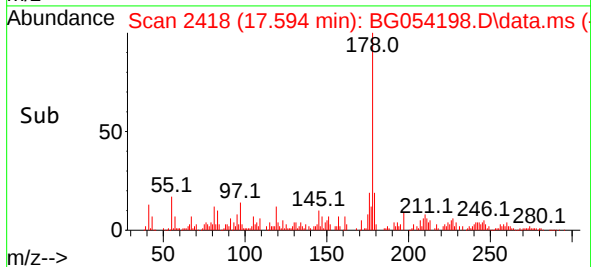
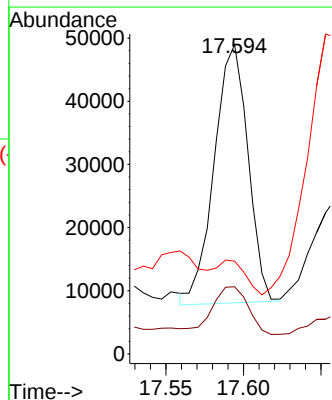
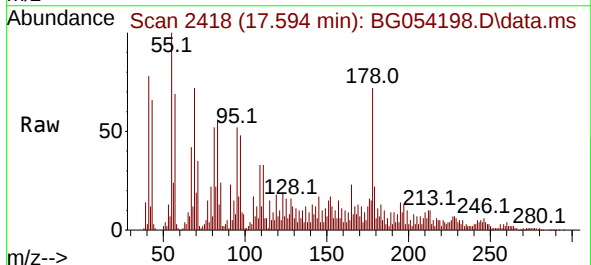
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

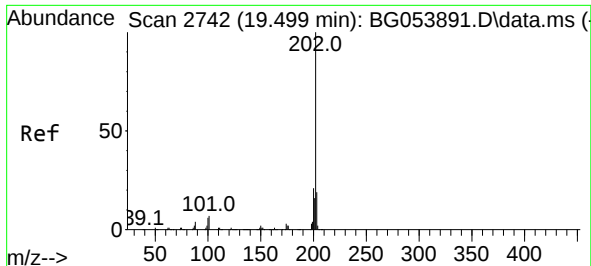
Tgt Ion:178 Resp: 128435
Ion Ratio Lower Upper
178 100
176 21.2 14.1 21.1#
179 26.1 12.1 18.1#



#72
Anthracene
Concen: 11.300 ng
RT: 17.594 min Scan# 2418
Delta R.T. 0.017 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:178 Resp: 61891
Ion Ratio Lower Upper
178 100
176 21.7 15.2 22.8
179 30.0 13.0 19.4#

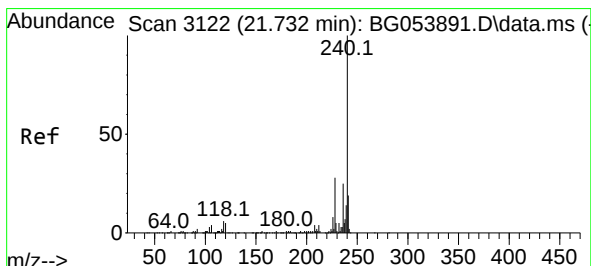
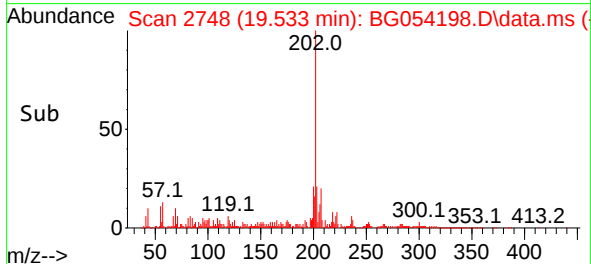
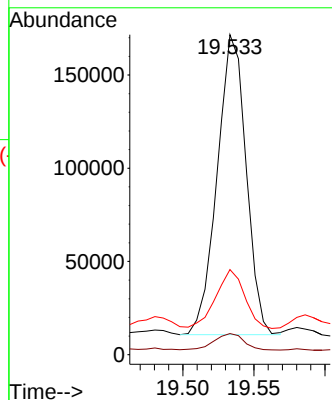
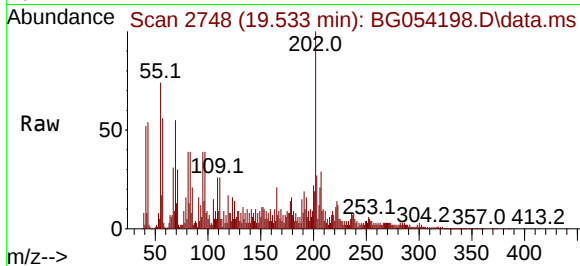




#75
Fluoranthene
Concen: 30.958 ng
RT: 19.533 min Scan# 21
Delta R.T. 0.041 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

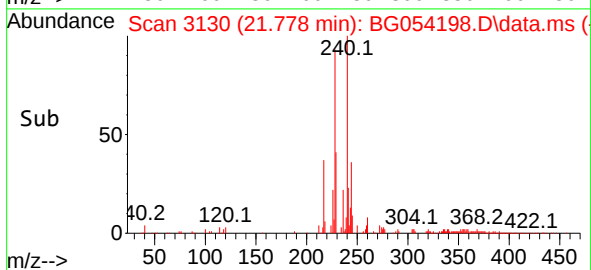
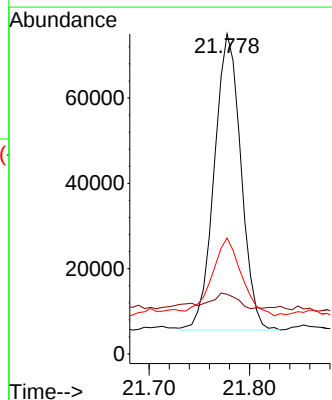
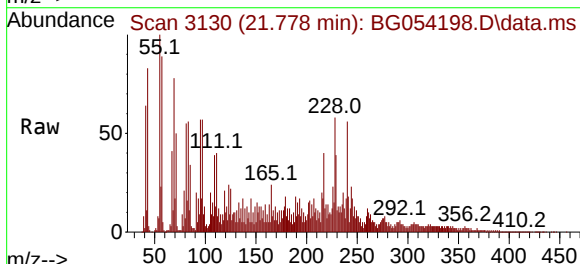
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

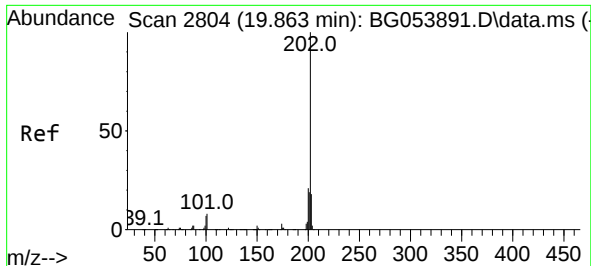
Tgt Ion:202 Resp: 227943
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.9
203 26.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.778 min Scan# 3130
Delta R.T. 0.059 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:240 Resp: 127854
Ion Ratio Lower Upper
240 100
120 18.6 4.6 7.0#
236 36.2 20.2 30.4#

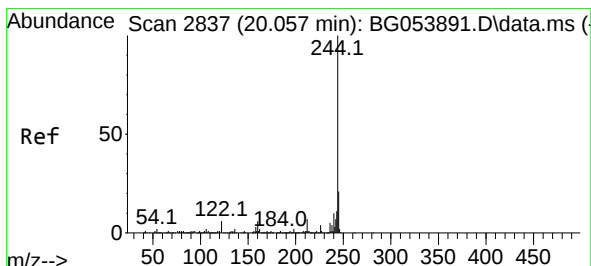
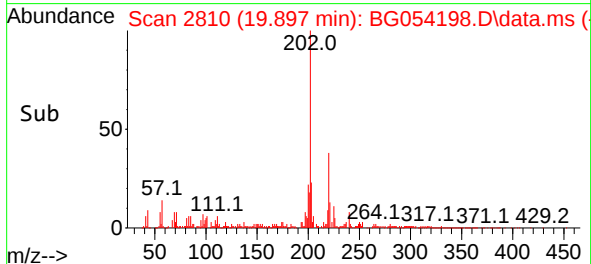
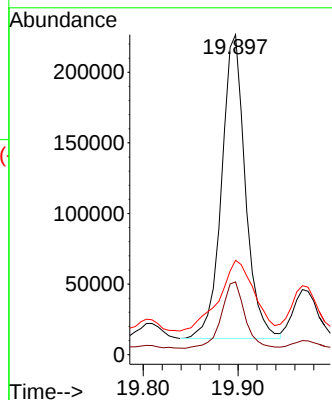
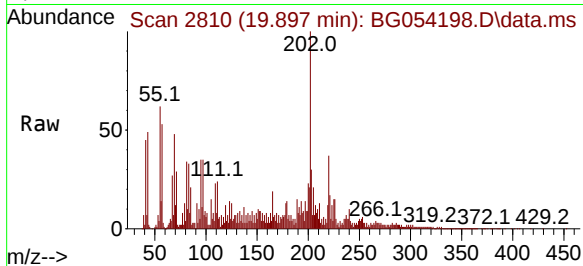




#78
 Pyrene
 Concen: 48.525 ng
 RT: 19.897 min Scan# 2810
 Delta R.T. 0.047 min
 Lab File: BG054198.D
 Acq: 1 Jul 2022 19:35

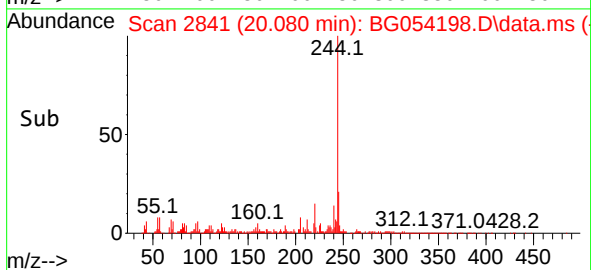
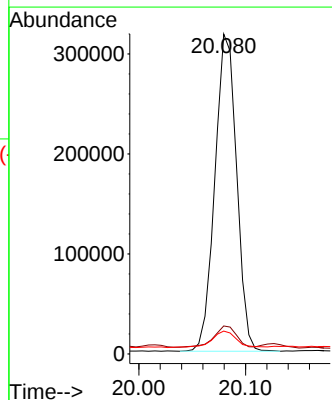
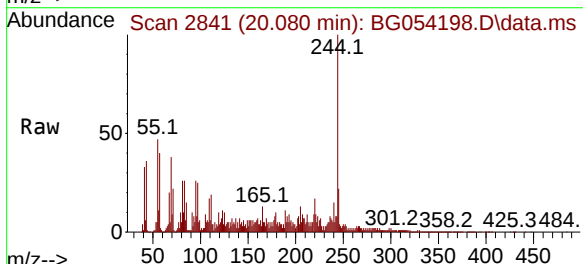
Instrument :
 BNA_G
 ClientSampleId :
 WC-16-2-4

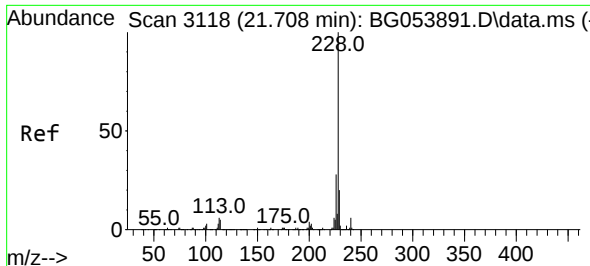
Tgt Ion:202 Resp: 374715
 Ion Ratio Lower Upper
 202 100
 200 22.8 16.6 24.8
 203 29.5 14.6 21.8#



#79
 Terphenyl-d14
 Concen: 70.676 ng
 RT: 20.080 min Scan# 2841
 Delta R.T. 0.035 min
 Lab File: BG054198.D
 Acq: 1 Jul 2022 19:35

Tgt Ion:244 Resp: 448649
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.5 9.7
 122 7.2 5.0 7.4

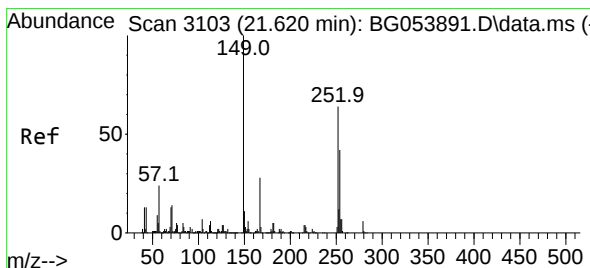
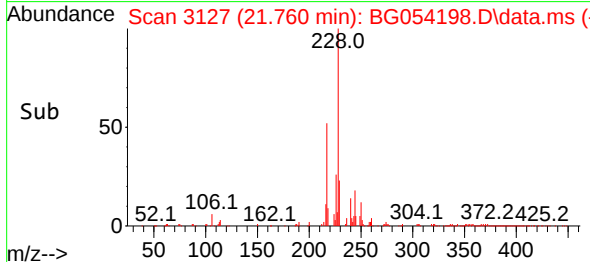
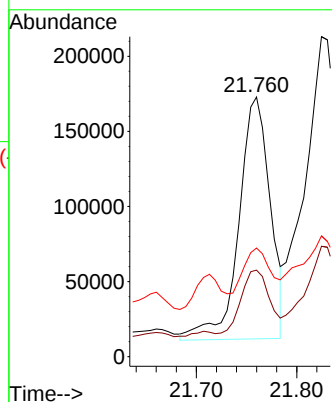
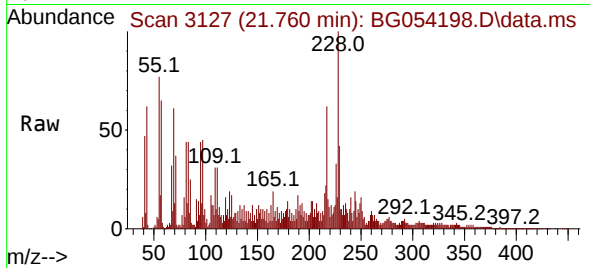




#81
Benzo(a)anthracene
Concen: 42.369 ng
RT: 21.760 min Scan# 3118
Delta R.T. 0.064 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

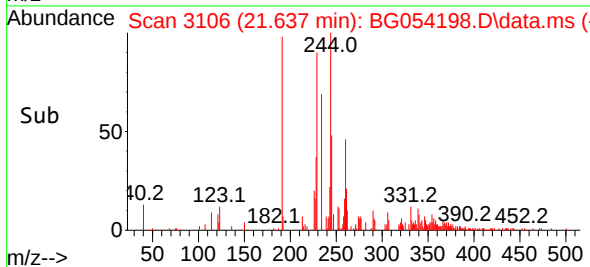
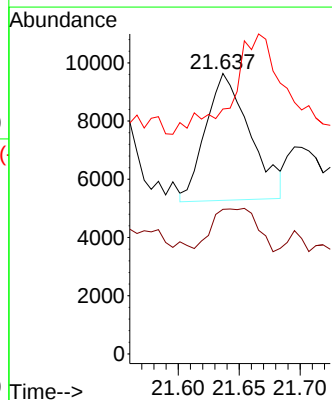
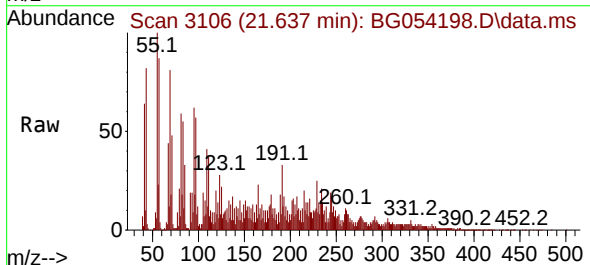
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

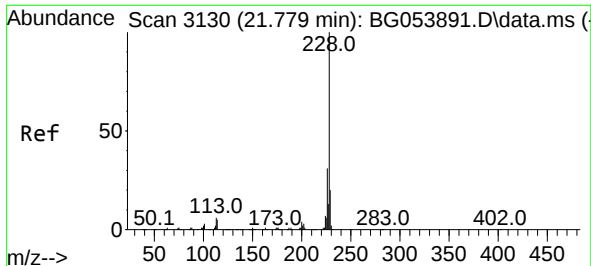
Tgt Ion:228 Resp: 350742
Ion Ratio Lower Upper
228 100
226 33.3 21.6 32.4#
229 41.8 16.2 24.2#



#82
3,3'-Dichlorobenzidine
Concen: 4.475 ng
RT: 21.637 min Scan# 3106
Delta R.T. 0.029 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:252 Resp: 11067
Ion Ratio Lower Upper
252 100
254 51.6 49.8 74.8
126 87.3 6.0 9.0#





#83

Chrysene

Concen: 58.529 ng

RT: 21.825 min Scan# 3130

Delta R.T. 0.064 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

Instrument :

BNA_G

ClientSampleId :

WC-16-2-4

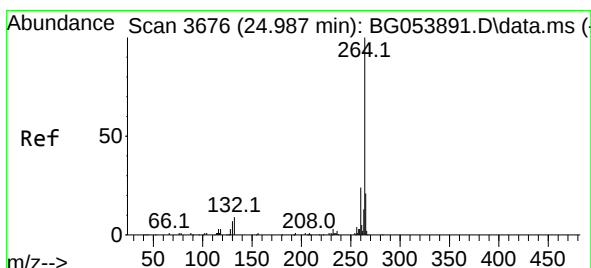
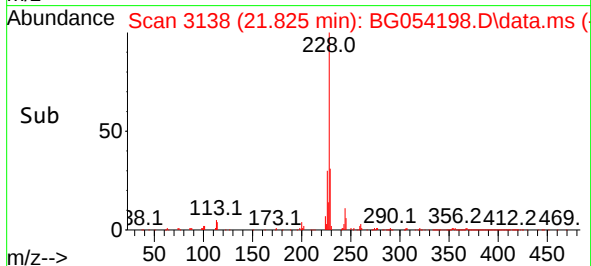
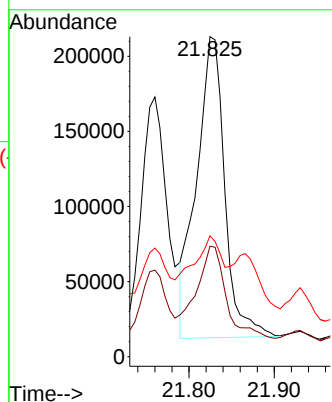
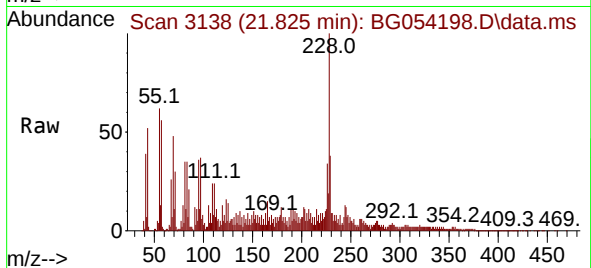
Tgt Ion:228 Resp: 461851

Ion Ratio Lower Upper

228 100

226 34.5 23.4 35.2

229 37.7 15.5 23.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.091 min Scan# 3694

Delta R.T. 0.129 min

Lab File: BG054198.D

Acq: 1 Jul 2022 19:35

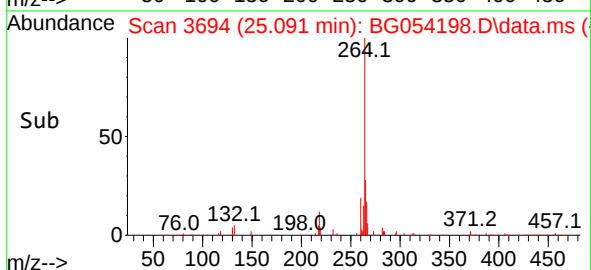
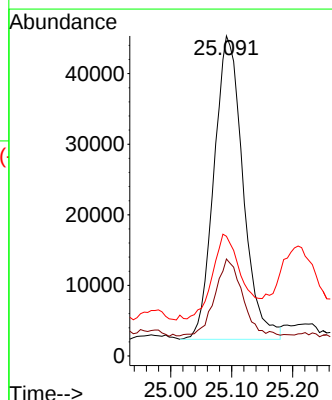
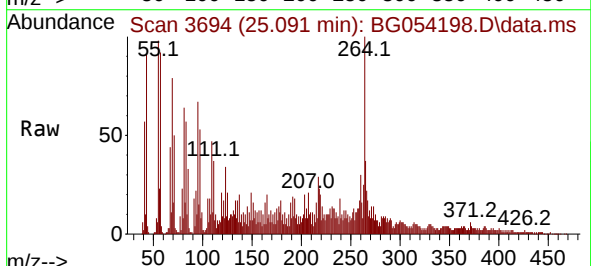
Tgt Ion:264 Resp: 142100

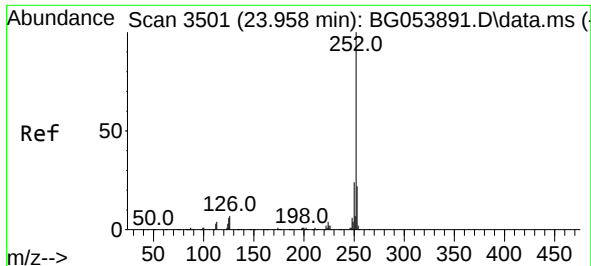
Ion Ratio Lower Upper

264 100

260 30.3 19.0 28.6#

265 37.4 17.4 26.2#

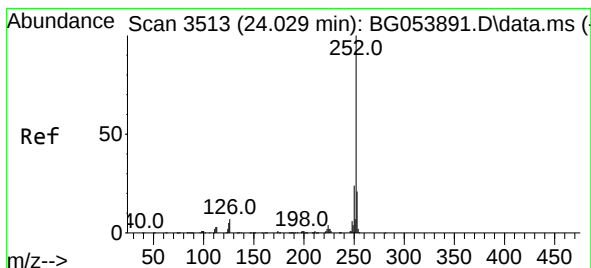
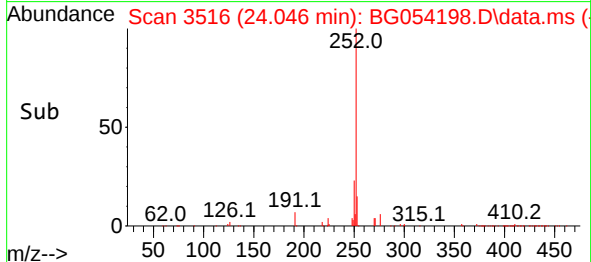
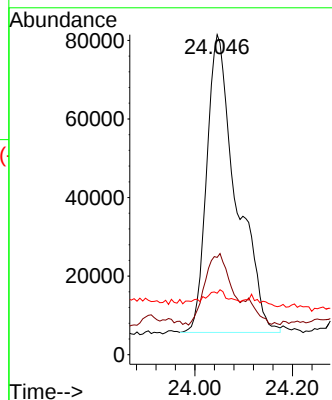
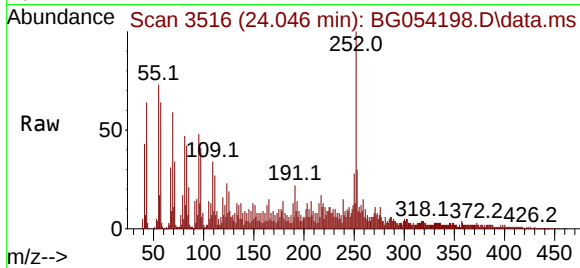




#88
Benzo(b)fluoranthene
Concen: 36.860 ng
RT: 24.046 min Scan# 3516
Delta R.T. 0.111 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

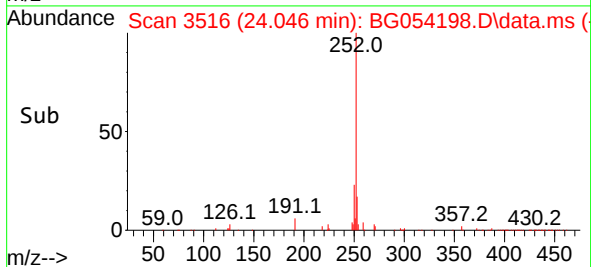
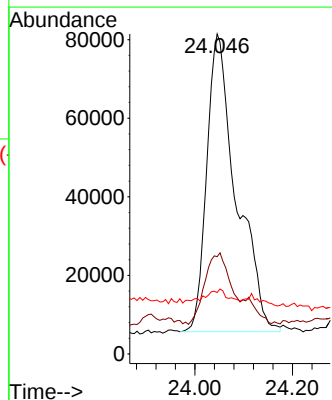
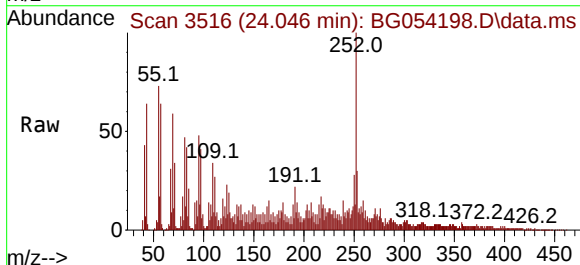
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

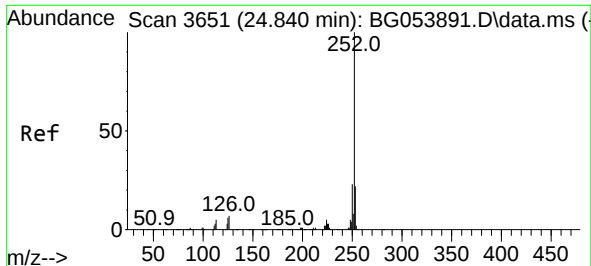
Tgt Ion:252 Resp: 318470
Ion Ratio Lower Upper
252 100
253 30.4 18.0 27.0#
125 19.2 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 37.229 ng
RT: 24.046 min Scan# 3516
Delta R.T. 0.041 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Tgt Ion:252 Resp: 318470
Ion Ratio Lower Upper
252 100
253 30.4 18.4 27.6#
125 19.2 4.8 7.2#

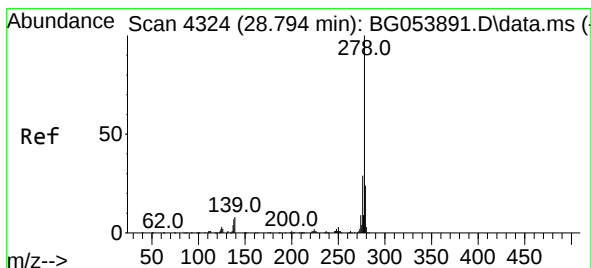
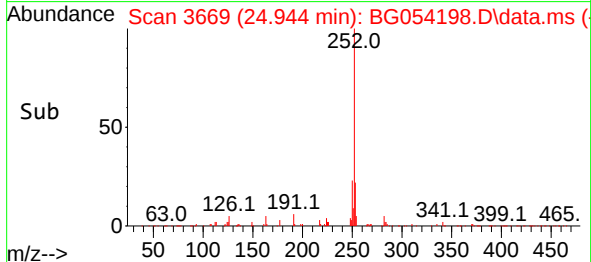
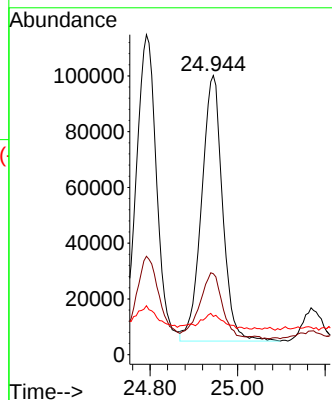
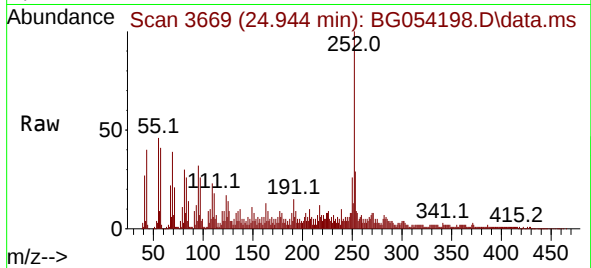




#90
Benzo(a)pyrene
Concen: 43.569 ng
RT: 24.944 min Scan# 3
Delta R.T. 0.129 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

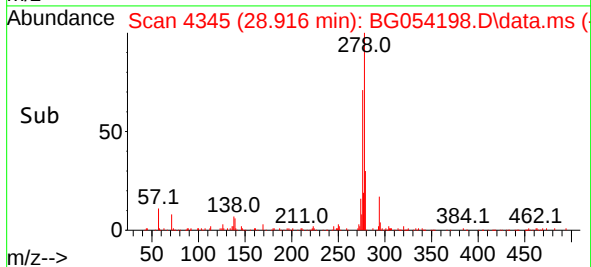
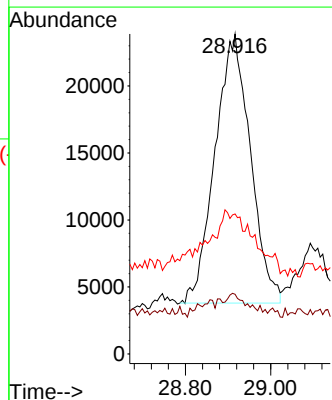
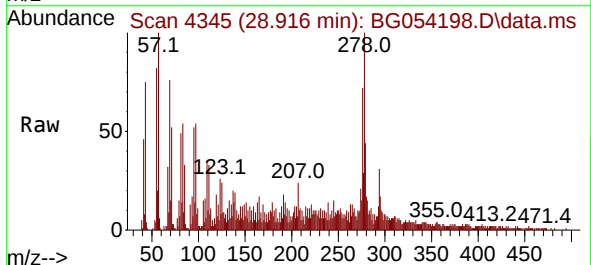
Instrument :
BNA_G
ClientSampleId :
WC-16-2-4

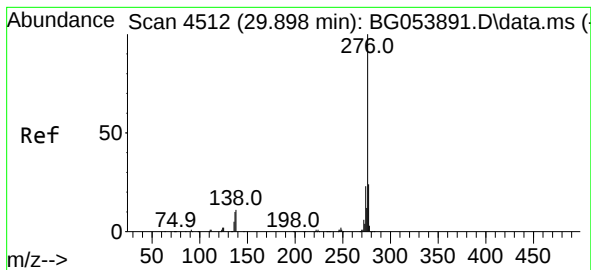
Tgt Ion:252 Resp: 317614
Ion Ratio Lower Upper
252 100
253 29.0 17.8 26.8#
125 13.7 4.3 6.5#



#91
Dibenzo(a,h)anthracene
Concen: 13.056 ng
RT: 28.916 min Scan# 4345
Delta R.T. 0.170 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

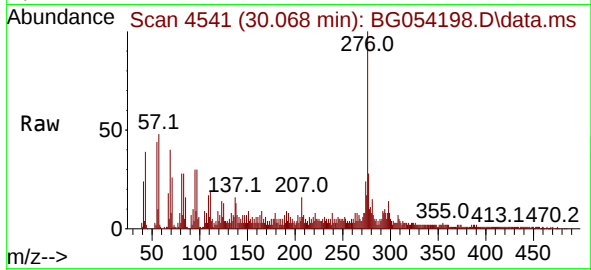
Tgt Ion:278 Resp: 115779
Ion Ratio Lower Upper
278 100
139 18.7 7.2 10.8#
279 43.8 18.6 27.8#





#92
Benzo(g,h,i)perylene
Concen: 25.126 ng
RT: 30.068 min Scan# 4
Delta R.T. 0.205 min
Lab File: BG054198.D
Acq: 1 Jul 2022 19:35

Instrument :
BNA_G
ClientSampleId :
WC-16-2-4



Tgt Ion:276 Resp: 219877
Ion Ratio Lower Upper
276 100
277 28.1 17.3 25.9#
138 12.9 9.6 14.4

