

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054194.D
 Acq On : 1 Jul 2022 16:56
 Operator : CG/JU
 Sample : N3564-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-11-3

Quant Time: Jul 01 23:34:45 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	8.072	152	20025	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	70567	20.000	ng	# 0.00
39) Acenaphthene-d10	14.705	164	53458	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	116950	20.000	ng	# 0.01
76) Chrysene-d12	21.733	240	138406	20.000	ng	# 0.01
86) Perylene-d12	25.029	264	150342	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	89020	84.993	ng	0.00
7) Phenol-d6	7.232	99	114353	80.482	ng	0.00
23) Nitrobenzene-d5	9.230	82	109135	86.910	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	85925	100.041	ng	0.01
45) 2-Fluorobiphenyl	13.325	172	222653	60.565	ng	0.00
79) Terphenyl-d14	20.058	244	441795	64.290	ng	0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.859	42	2663	4.955	ng	# 1
6) Aniline	7.449	93	6257	3.714	ng	# 16
9) Benzaldehyde	7.220	77	9842	11.737	ng	# 34
11) bis(2-Chloroethyl)ether	7.449	93	6221	5.629	ng	# 1
15) Benzyl Alcohol	8.307	79	2742	2.582	ng	# 66
17) 2-Methylphenol	8.554	107	2310	2.309	ng	# 1
18) Hexachloroethane	9.188	117	58415	125.093	ng	# 1
19) n-Nitroso-di-n-propyla...	8.859	70	13828	14.486	ng	# 92
22) Acetophenone	8.883	105	40010	23.325	ng	# 58
24) Nitrobenzene	9.271	77	15019	12.146	ng	# 49
25) Isophorone	9.811	82	48592	20.720	ng	# 1
26) 2-Nitrophenol	10.005	139	5678	10.396	ng	# 1
27) 2,4-Dimethylphenol	10.105	122	6104	6.905	ng	# 23
28) bis(2-Chloroethoxy)met...	10.287	93	6314	4.998	ng	# 1
29) 2,4-Dichlorophenol	10.510	162	2932	2.474	ng	# 36
31) Naphthalene	10.939	128	16746	4.701	ng	# 1
32) Benzoic acid	10.199	122	1630	14.522	ng	# 1
35) Caprolactam	11.809	113	5211	15.970	ng	# 1
36) 4-Chloro-3-methylphenol	12.167	107	4352	3.777	ng	# 41
37) 2-Methylnaphthalene	12.761	142	163575	62.061	ng	93
38) 1-Methylnaphthalene	12.761	142	163575	63.738	ng	# 99
48) 2-Nitroaniline	13.765	65	4007	4.999	ng	# 53
51) 2,6-Dinitrotoluene	14.259	165	3480	4.231	ng	# 72
52) Acenaphthene	14.770	154	9722	3.255	ng	# 57
53) 3-Nitroaniline	14.611	138	2429	3.048	ng	# 38
54) 2,4-Dinitrophenol	14.805	184	1134	9.329	ng	# 1
55) Dibenzofuran	15.105	168	17702	3.678	ng	# 1
56) 4-Nitrophenol	14.917	139	16197	28.628	ng	# 50
57) 2,4-Dinitrotoluene	15.052	165	3319	2.857	ng	# 68
58) Fluorene	15.751	166	38428	9.725	ng	# 72
63) Azobenzene	16.033	77	7404	2.333	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.798	198	1696	2.907	ng	# 1
66) n-Nitrosodiphenylamine	15.963	169	77693	25.490	ng	# 43
71) Phenanthrene	17.496	178	135642	22.575	ng	# 90
72) Anthracene	17.584	178	19087	3.253	ng	# 55
75) Fluoranthene	19.517	202	27129	3.439	ng	# 45

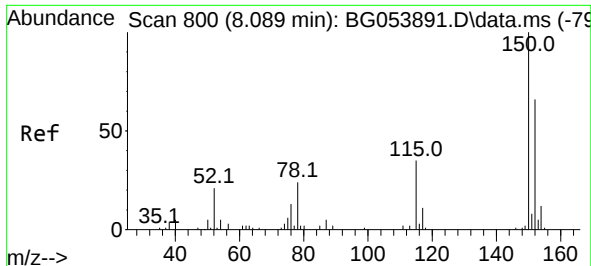
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	19.870	202	55950	6.693	ng	# 71
81) Benzo(a)anthracene	21.715	228	24857	2.774	ng	# 43
83) Chrysene	21.780	228	42350	4.958	ng	# 53
88) Benzo(b)fluoranthene	23.977	252	27313	2.988	ng	# 1
89) Benzo(k)fluoranthene	23.977	252	27313	3.018	ng	# 1
90) Benzo(a)pyrene	24.864	252	17942	2.326	ng	# 1

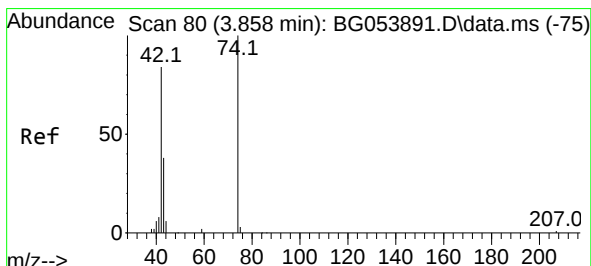
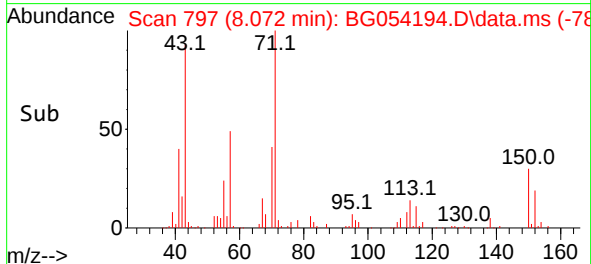
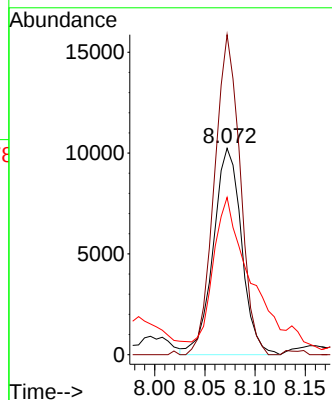
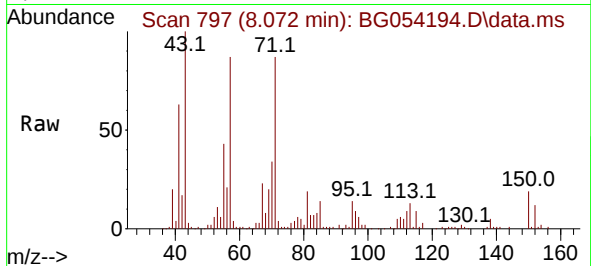
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.072 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

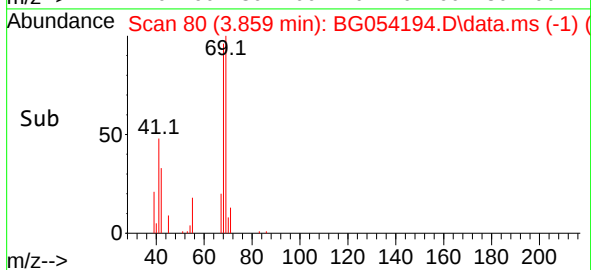
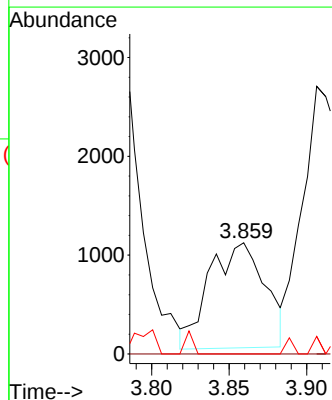
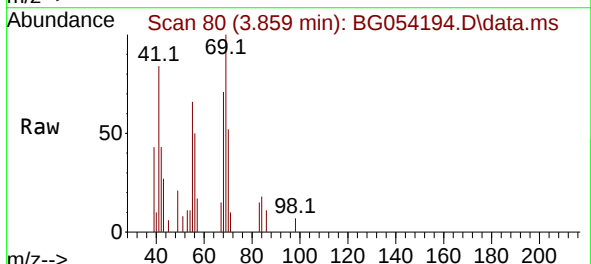
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

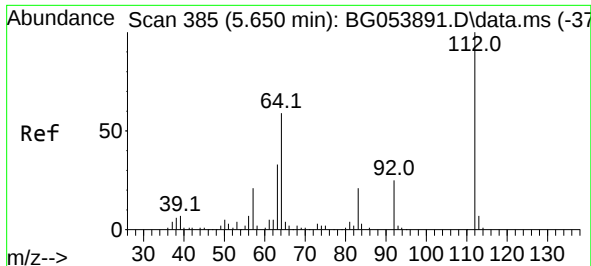
Tgt Ion:152 Resp: 20025
Ion Ratio Lower Upper
152 100
150 155.0 131.6 197.4
115 76.2 50.9 76.3



#4
n-Nitrosodimethylamine
Concen: 4.955 ng
RT: 3.859 min Scan# 80
Delta R.T. 0.019 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion: 42 Resp: 2663
Ion Ratio Lower Upper
42 100
74 0.0 97.0 145.4#
44 0.0 7.0 10.4#

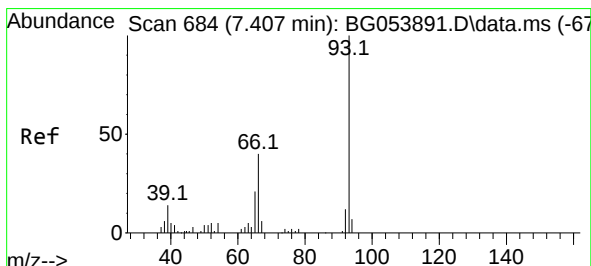
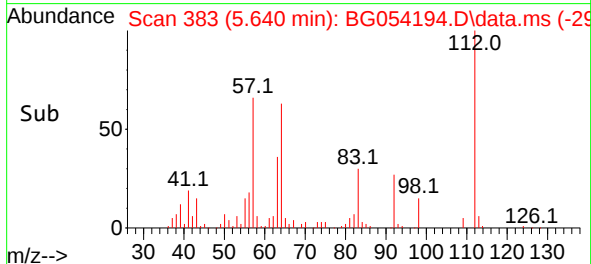
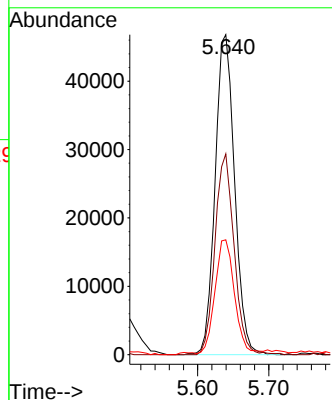
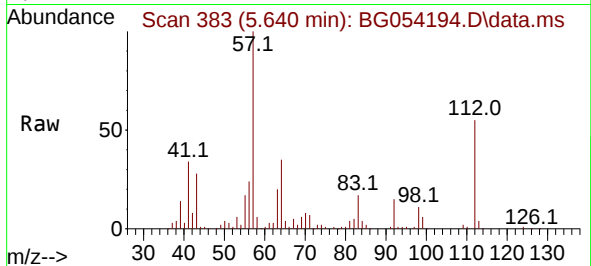




#5
2-Fluorophenol
Concen: 84.993 ng
RT: 5.640 min Scan# 311
Delta R.T. 0.002 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

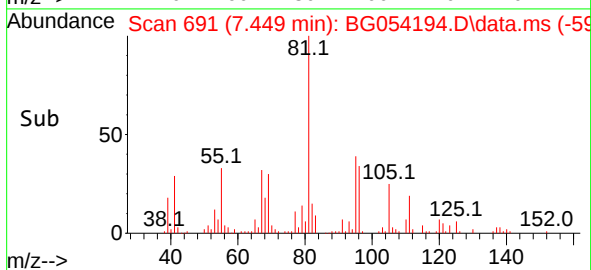
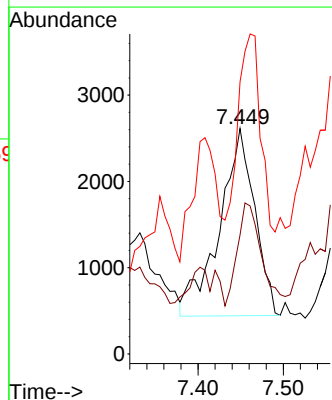
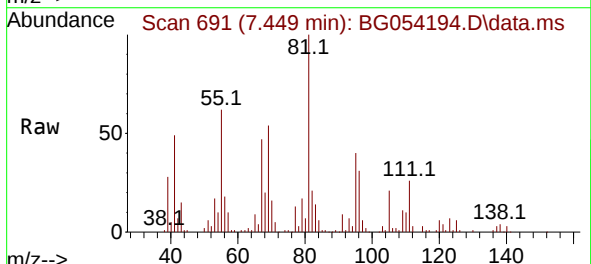
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

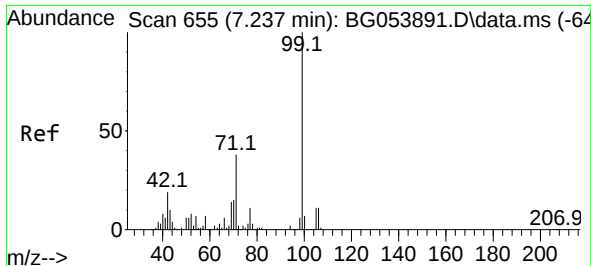
Tgt Ion:112 Resp: 89020
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 35.9 30.4 45.6



#6
Aniline
Concen: 3.714 ng
RT: 7.449 min Scan# 691
Delta R.T. 0.060 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion: 93 Resp: 6257
Ion Ratio Lower Upper
93 100
66 52.8 32.9 49.3#
65 120.7 17.8 26.8#

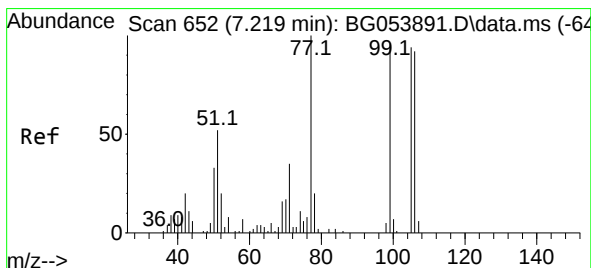
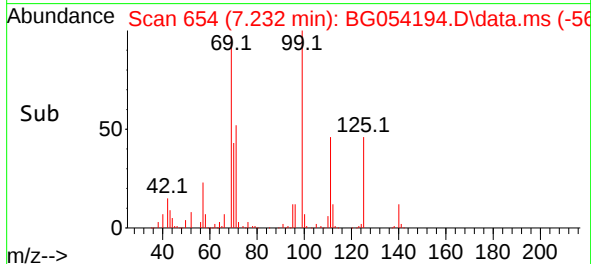
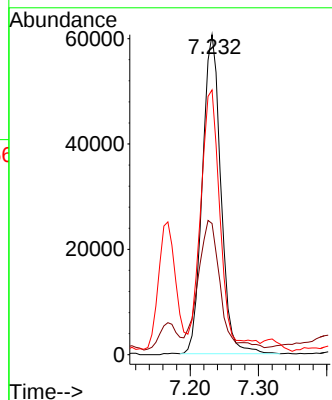
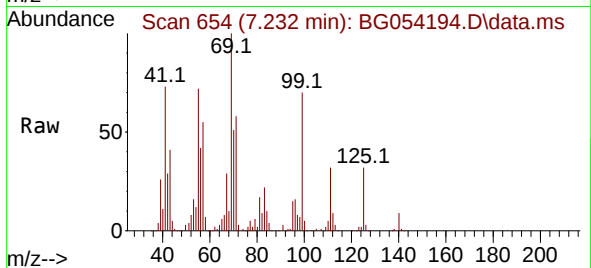




#7
Phenol-d6
Concen: 80.482 ng
RT: 7.232 min Scan# 611
Delta R.T. 0.002 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

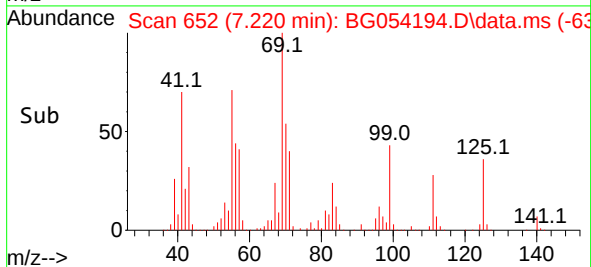
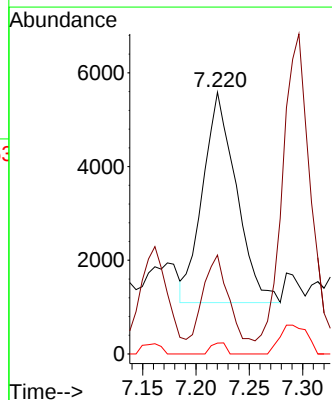
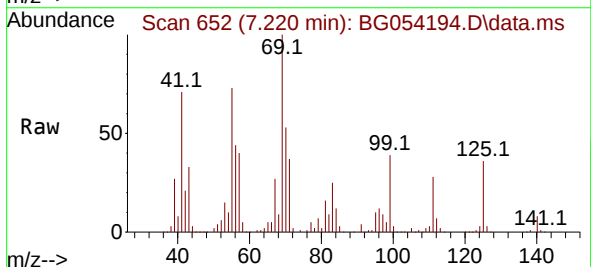
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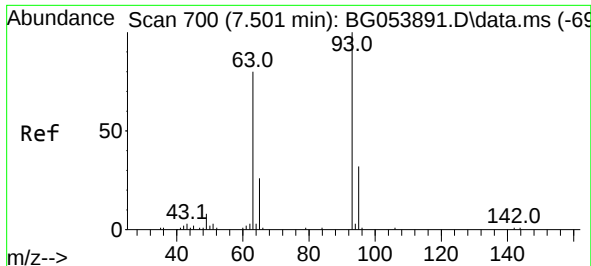
Tgt Ion: 99 Resp: 114353
Ion Ratio Lower Upper
99 100
42 41.0 17.0 25.6#
71 82.8 33.8 50.8#



#9
Benzaldehyde
Concen: 11.737 ng
RT: 7.220 min Scan# 652
Delta R.T. 0.013 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion: 77 Resp: 9842
Ion Ratio Lower Upper
77 100
105 37.8 59.6 99.6#
106 4.1 56.8 96.8#

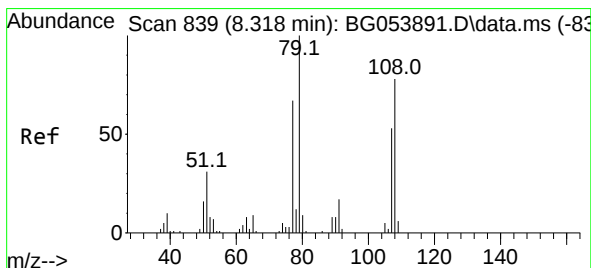
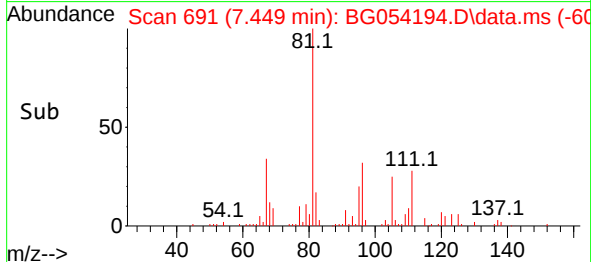
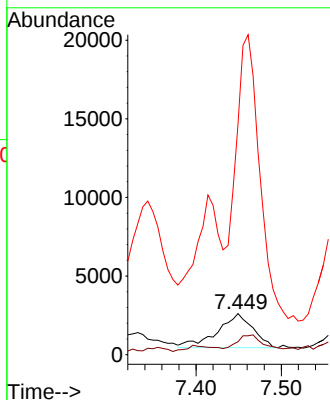
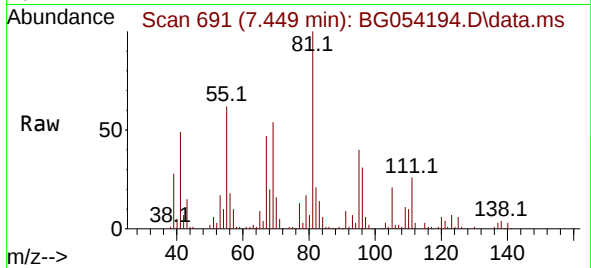




#11
bis(2-Chloroethyl)ether
Concen: 5.629 ng
RT: 7.449 min Scan# 61
Delta R.T. -0.039 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

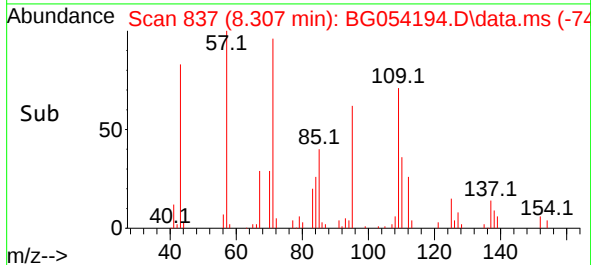
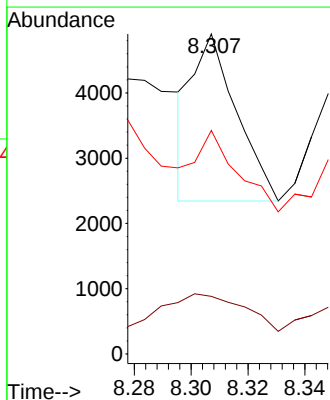
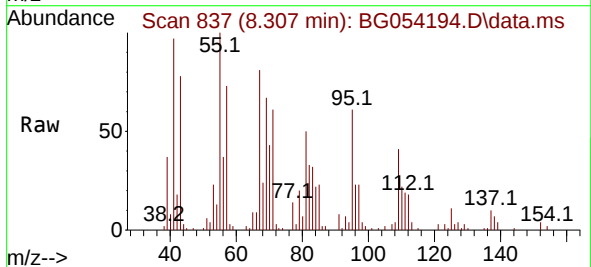
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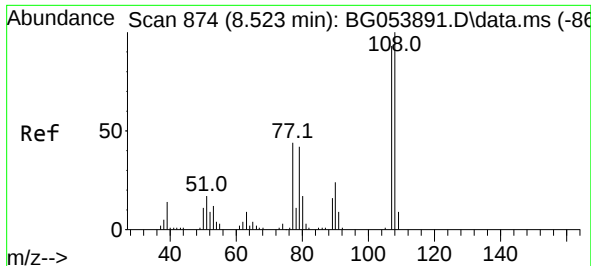
Tgt Ion: 93 Resp: 6221
Ion Ratio Lower Upper
93 100
63 31.5 63.6 103.6#
95 562.2 10.1 50.1#



#15
Benzyl Alcohol
Concen: 2.582 ng
RT: 8.307 min Scan# 837
Delta R.T. 0.002 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion: 79 Resp: 2742
Ion Ratio Lower Upper
79 100
108 18.0 53.7 80.5#
77 69.9 52.2 78.4

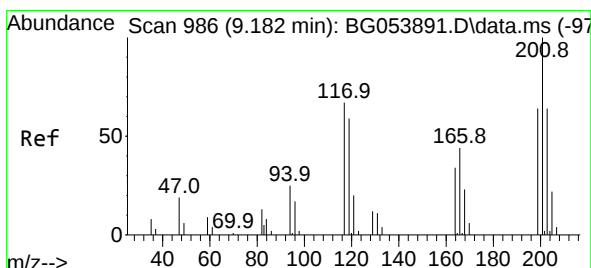
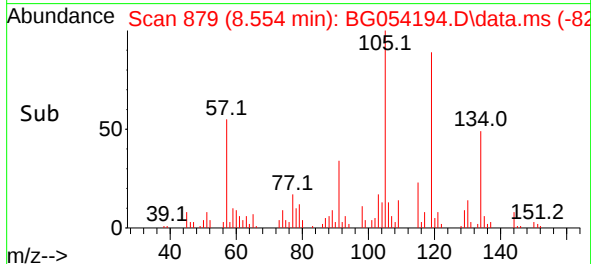
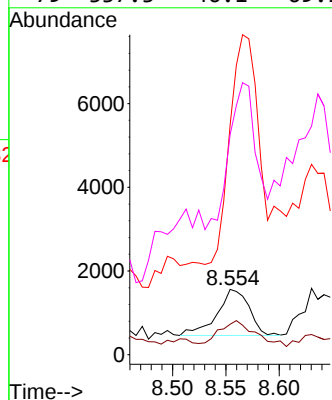
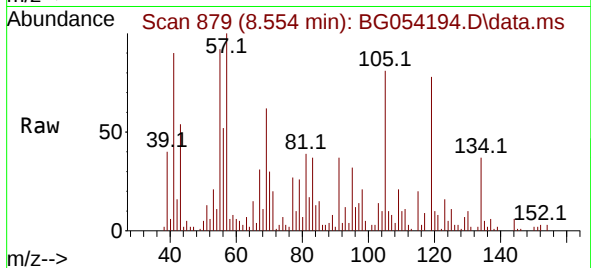




#17
2-Methylphenol
Concen: 2.309 ng
RT: 8.554 min Scan# 81
Delta R.T. 0.043 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

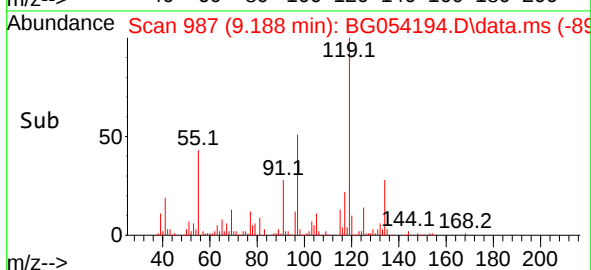
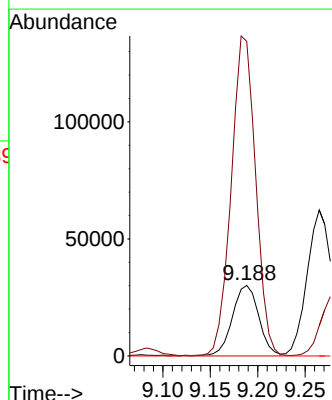
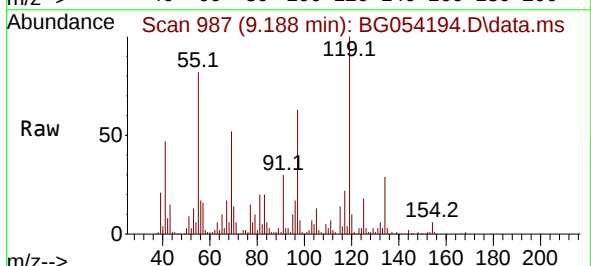
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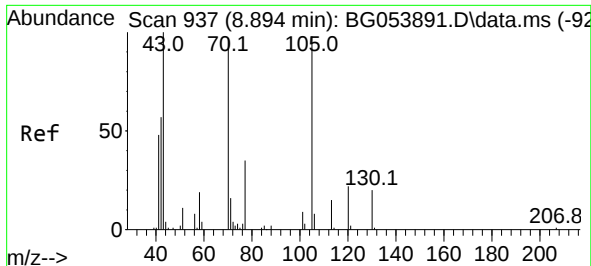
Tgt Ion:107 Resp: 2310
Ion Ratio Lower Upper
107 100
108 46.6 85.4 128.0#
77 352.0 46.2 69.2#
79 337.3 46.1 69.1#



#18
Hexachloroethane
Concen: 125.093 ng
RT: 9.188 min Scan# 987
Delta R.T. 0.025 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:117 Resp: 58415
Ion Ratio Lower Upper
117 100
119 445.6 75.0 112.6#
201 0.0 89.0 133.6#

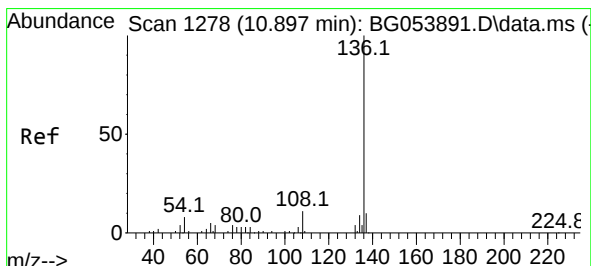
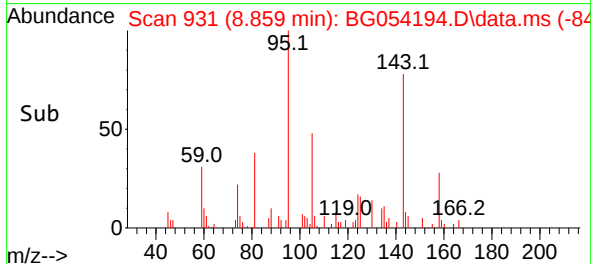
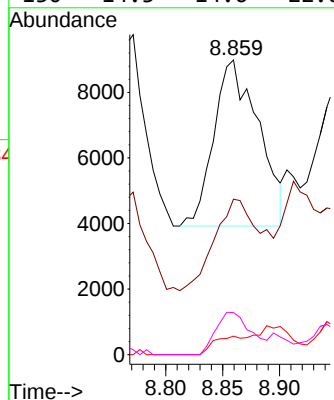
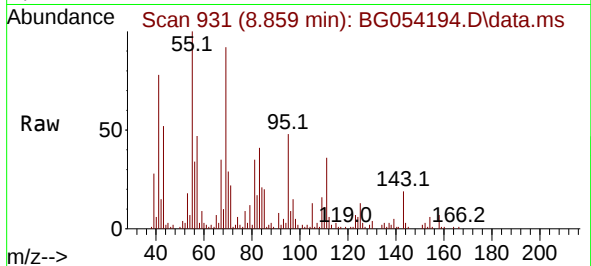




#19
n-Nitroso-di-n-propylamine
Concen: 14.486 ng
RT: 8.859 min Scan# 91
Delta R.T. -0.016 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

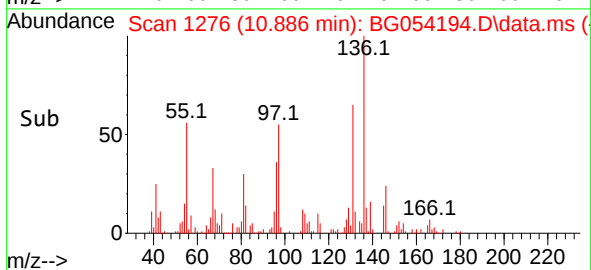
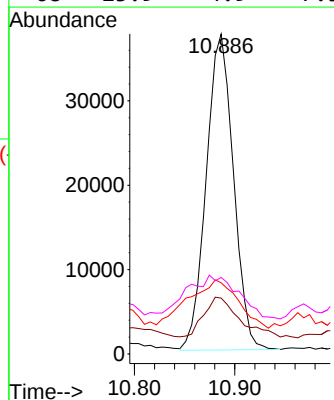
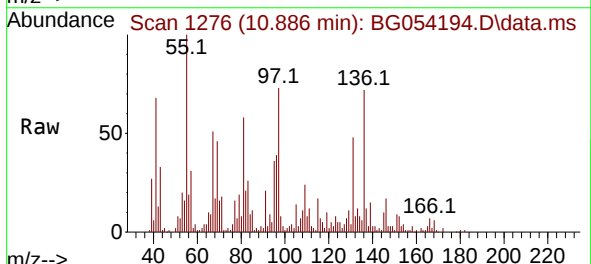
Instrument :
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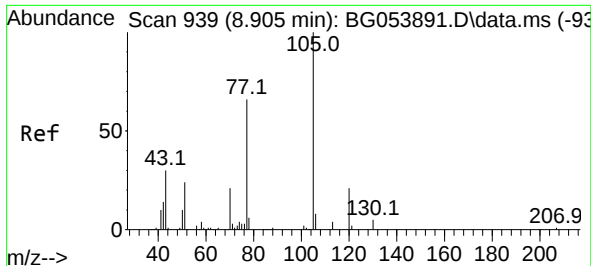
Tgt Ion: 70 Resp: 13828
Ion Ratio Lower Upper
70 100
42 52.8 47.3 70.9
101 6.3 7.0 10.4#
130 14.3 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1276
Delta R.T. 0.008 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:136 Resp: 70567
Ion Ratio Lower Upper
136 100
137 17.5 8.5 12.7#
54 22.2 7.4 11.2#
68 23.9 4.9 7.3#

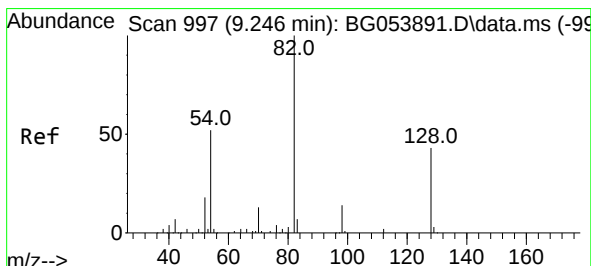
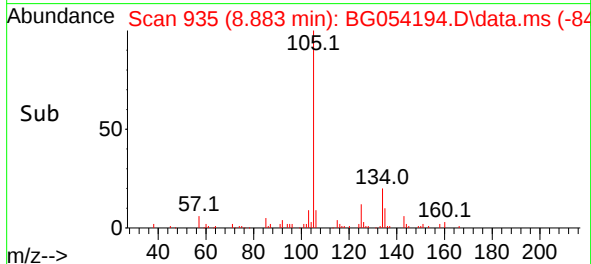
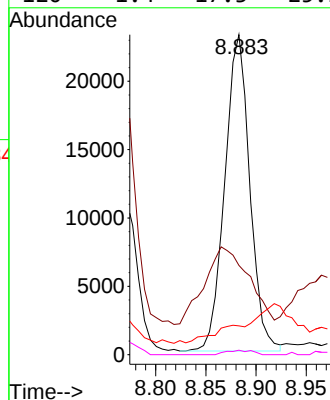
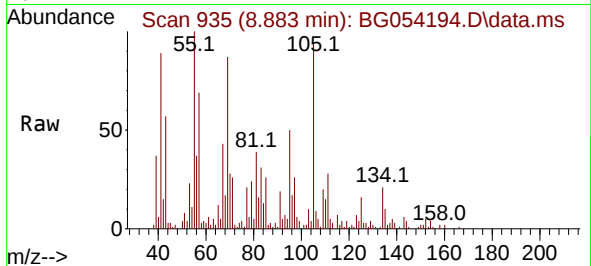




#22
Acetophenone
Concen: 23.325 ng
RT: 8.883 min Scan# 910
Delta R.T. -0.010 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

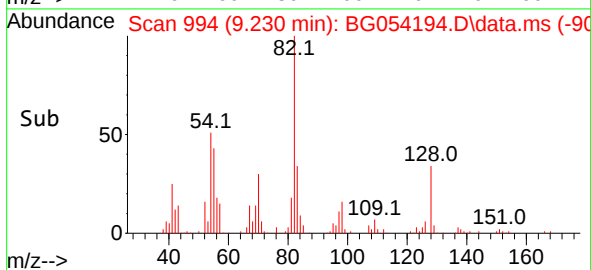
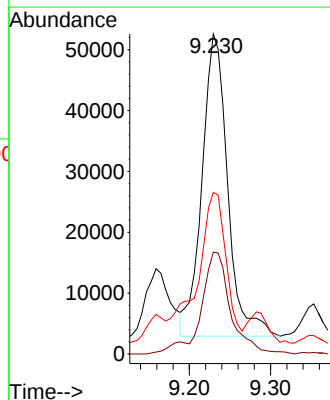
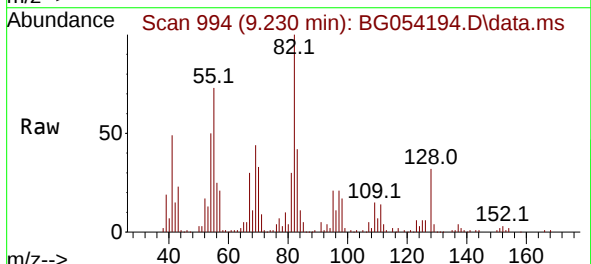
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

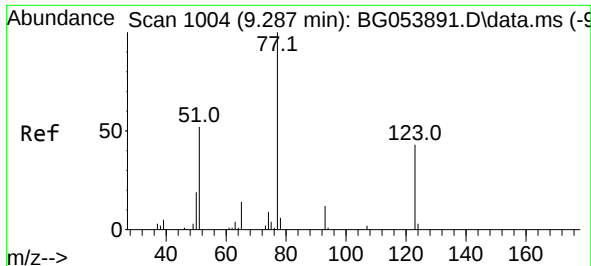
Tgt Ion:105 Resp: 40010
Ion Ratio Lower Upper
105 100
71 27.9 1.1 1.7#
51 9.0 25.4 38.0#
120 1.4 17.3 25.9#



#23
Nitrobenzene-d5
Concen: 86.910 ng
RT: 9.230 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion: 82 Resp: 109135
Ion Ratio Lower Upper
82 100
128 31.8 27.9 41.9
54 50.5 41.2 61.8

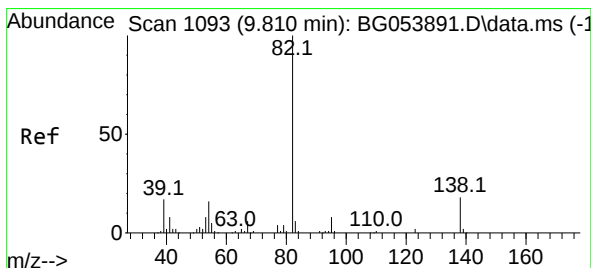
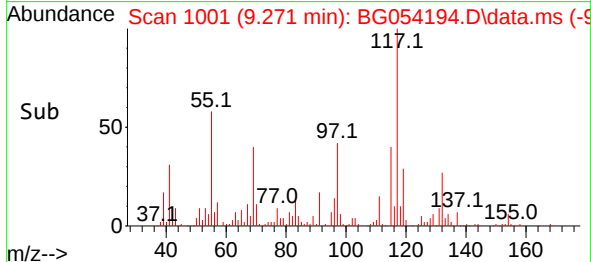
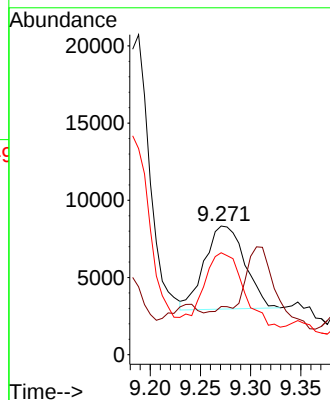
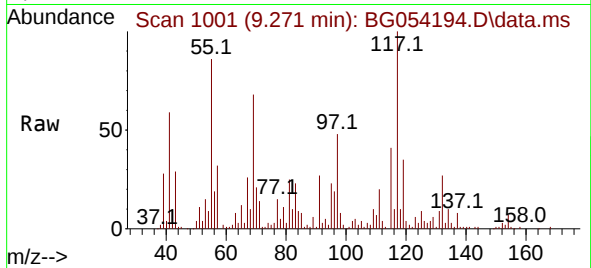




#24
Nitrobenzene
Concen: 12.146 ng
RT: 9.271 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

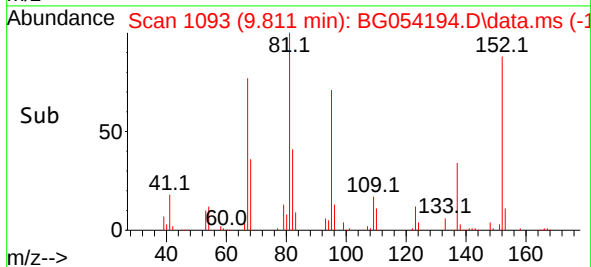
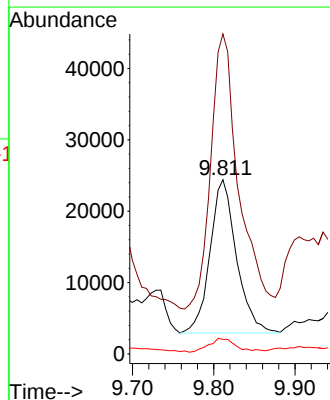
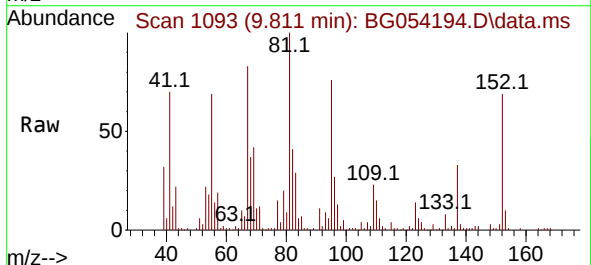
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

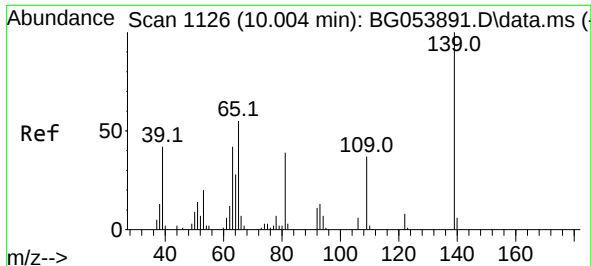
Tgt Ion: 77 Resp: 15019
Ion Ratio Lower Upper
77 100
123 37.5 27.4 41.0
65 79.1 11.4 17.0#



#25
Isophorone
Concen: 20.720 ng
RT: 9.811 min Scan# 1093
Delta R.T. 0.013 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion: 82 Resp: 48592
Ion Ratio Lower Upper
82 100
95 183.7 6.2 9.4#
138 8.4 11.6 17.4#

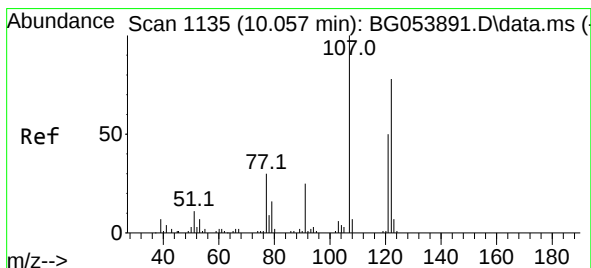
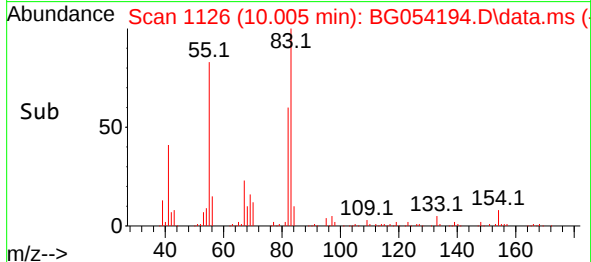
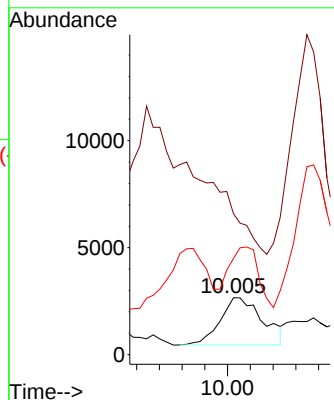
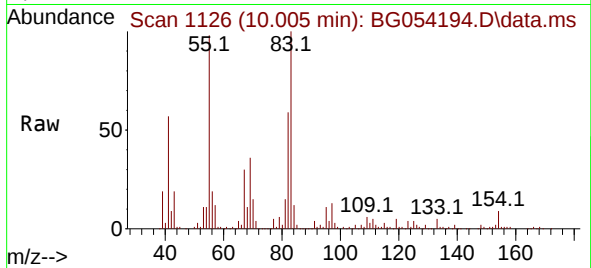




#26
2-Nitrophenol
Concen: 10.396 ng
RT: 10.005 min Scan# 1126
Delta R.T. 0.013 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

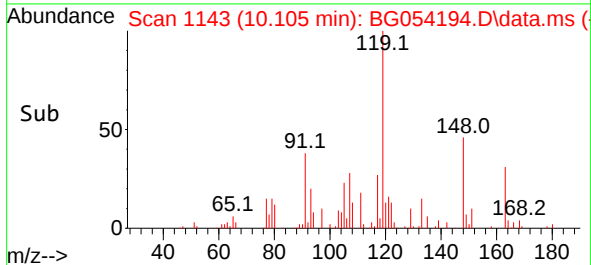
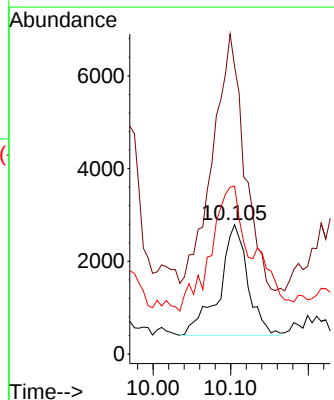
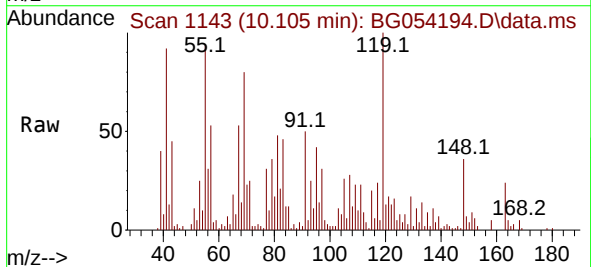
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

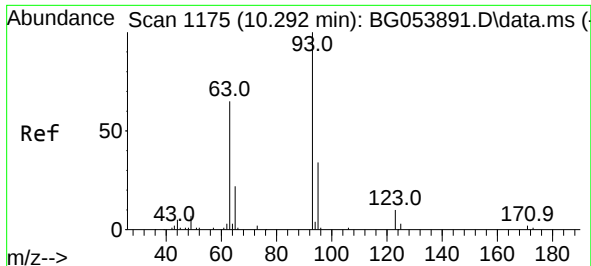
Tgt Ion:139 Resp: 5678
Ion Ratio Lower Upper
139 100
109 247.7 36.1 54.1#
65 169.0 55.8 83.6#



#27
2,4-Dimethylphenol
Concen: 6.905 ng
RT: 10.105 min Scan# 1143
Delta R.T. 0.060 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:122 Resp: 6104
Ion Ratio Lower Upper
122 100
107 222.2 109.4 164.0#
121 129.8 48.7 73.1#

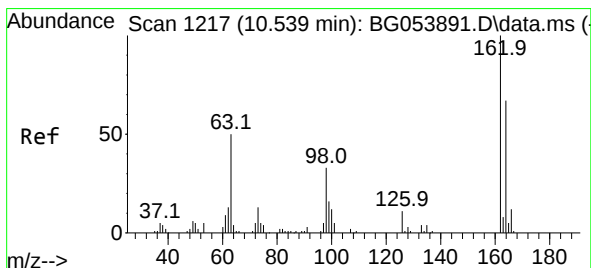
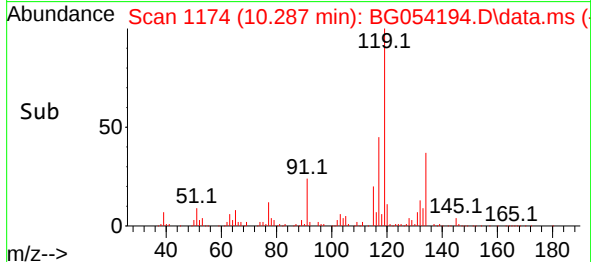
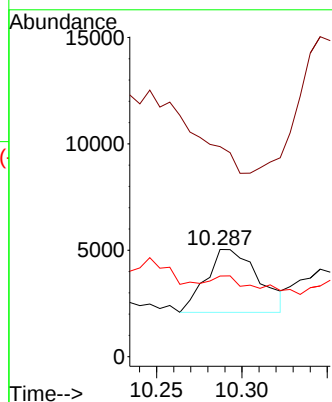
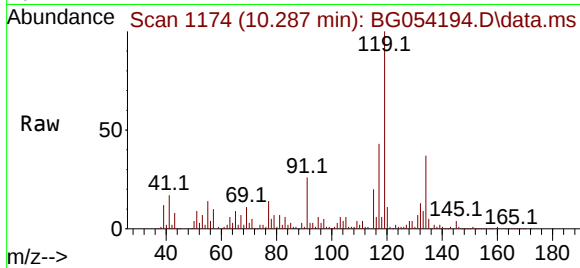




#28
bis(2-Chloroethoxy)methane
Concen: 4.998 ng
RT: 10.287 min Scan# 1174
Delta R.T. 0.008 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

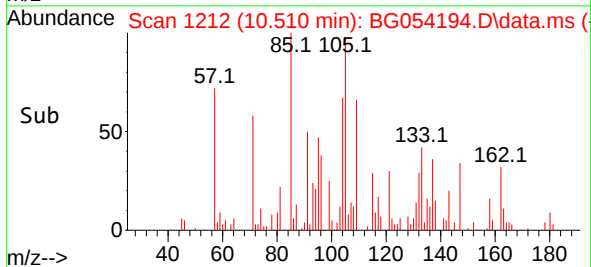
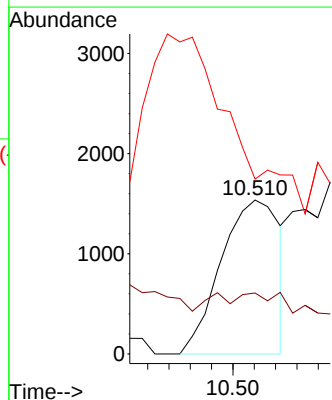
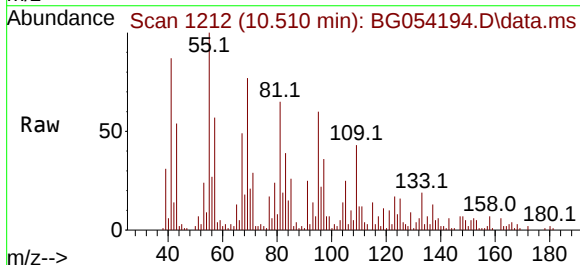
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

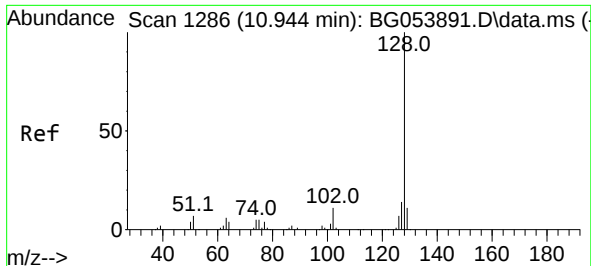
Tgt Ion: 93 Resp: 6314
Ion Ratio Lower Upper
93 100
95 196.0 26.9 40.3#
123 75.3 7.7 11.5#



#29
2,4-Dichlorophenol
Concen: 2.474 ng
RT: 10.510 min Scan# 1212
Delta R.T. -0.016 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:162 Resp: 2932
Ion Ratio Lower Upper
162 100
164 39.6 46.6 86.6#
98 113.7 22.8 62.8#

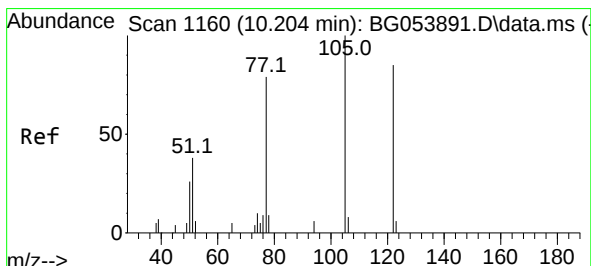
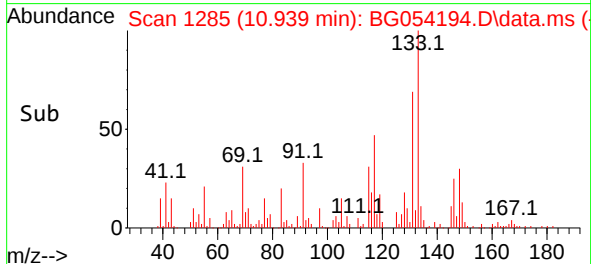
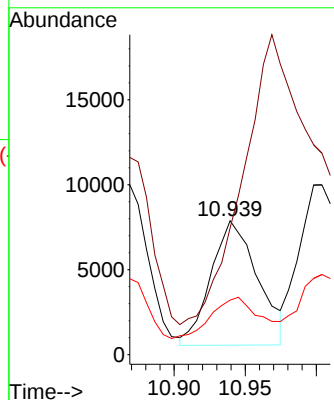
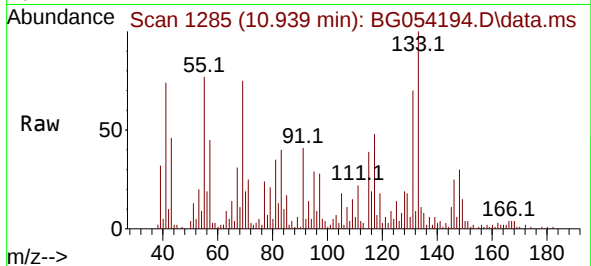




#31
Naphthalene
Concen: 4.701 ng
RT: 10.939 min Scan# 1159
Delta R.T. 0.008 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

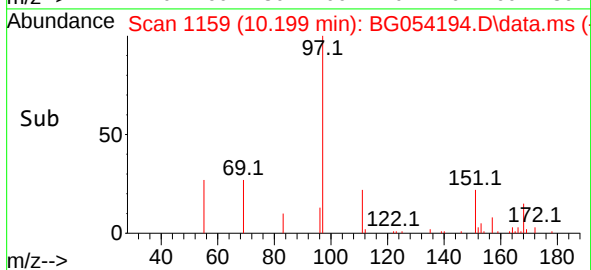
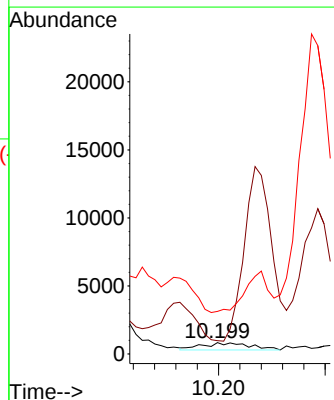
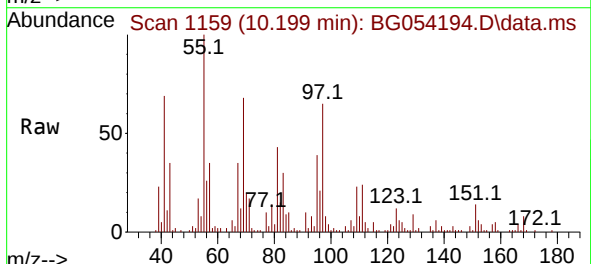
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

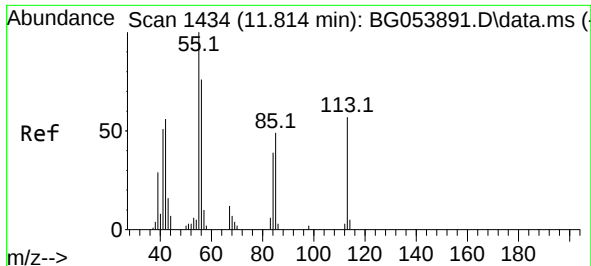
Tgt Ion:128 Resp: 16746
Ion Ratio Lower Upper
128 100
129 94.6 9.0 13.6#
127 40.7 11.1 16.7#



#32
Benzoic acid
Concen: 14.522 ng
RT: 10.199 min Scan# 1159
Delta R.T. 0.002 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:122 Resp: 1630
Ion Ratio Lower Upper
122 100
105 117.2 111.8 151.8
77 374.9 109.4 149.4#

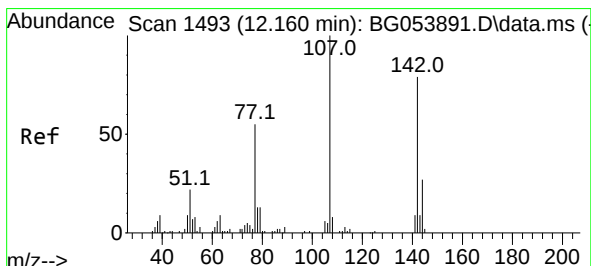
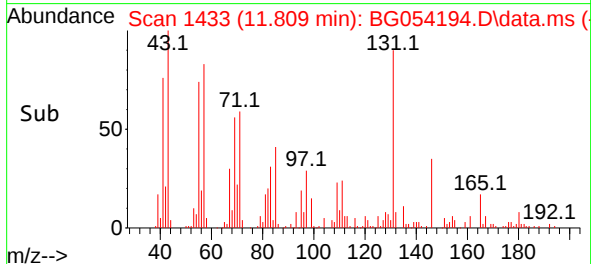
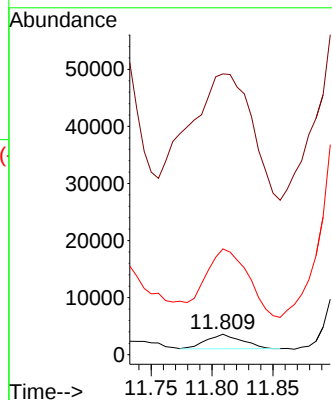
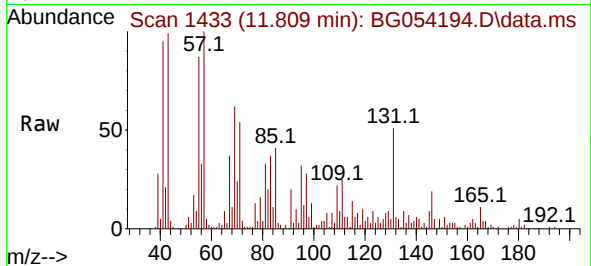




#35
Caprolactam
Concen: 15.970 ng
RT: 11.809 min Scan# 1434
Delta R.T. 0.019 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

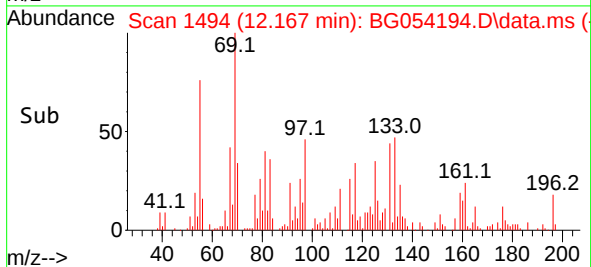
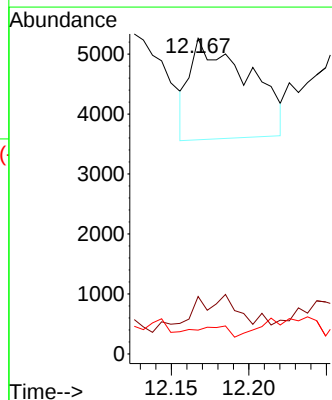
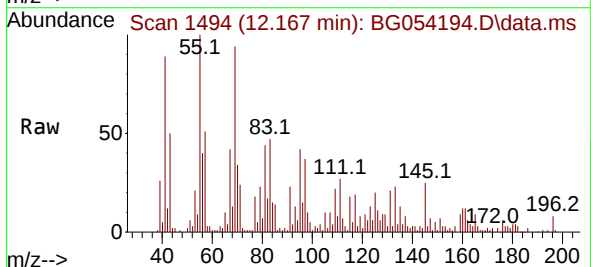
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

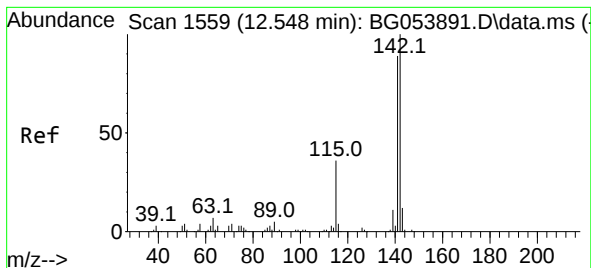
Tgt Ion:113 Resp: 5211
Ion Ratio Lower Upper
113 100
55 1367.4 169.8 209.8#
56 515.0 141.2 181.2#



#36
4-Chloro-3-methylphenol
Concen: 3.777 ng
RT: 12.167 min Scan# 1494
Delta R.T. 0.013 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:107 Resp: 4352
Ion Ratio Lower Upper
107 100
144 18.2 18.5 27.7#
142 7.6 55.0 82.4#





#37

2-Methylnaphthalene

Concen: 62.061 ng

RT: 12.761 min Scan# 1595

Delta R.T. 0.231 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-3

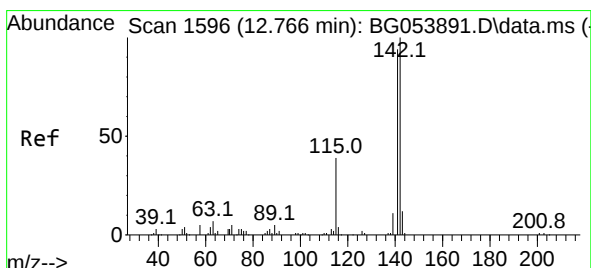
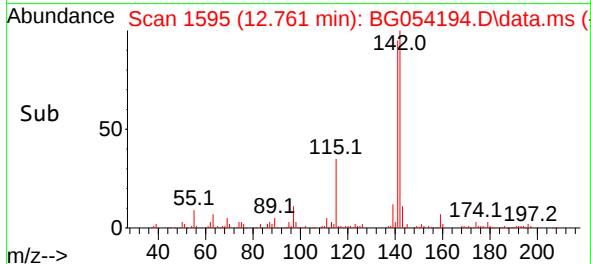
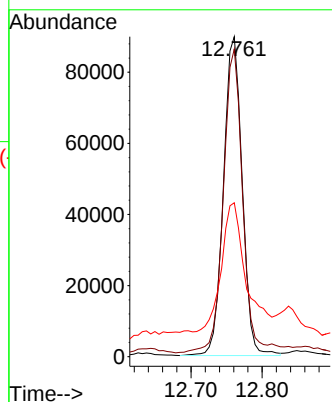
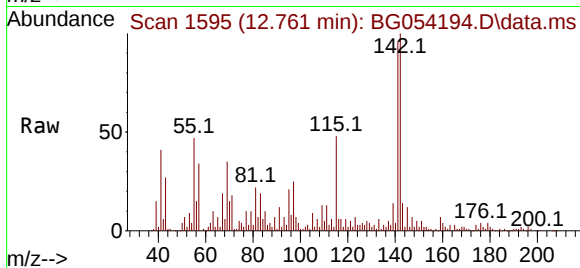
Tgt Ion:142 Resp: 163575

Ion Ratio Lower Upper

142 100

141 96.1 72.3 108.5

115 48.1 33.7 50.5



#38

1-Methylnaphthalene

Concen: 63.738 ng

RT: 12.761 min Scan# 1595

Delta R.T. 0.013 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

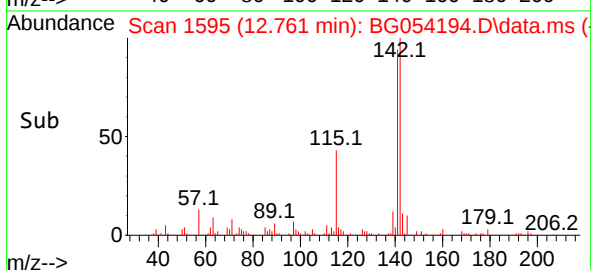
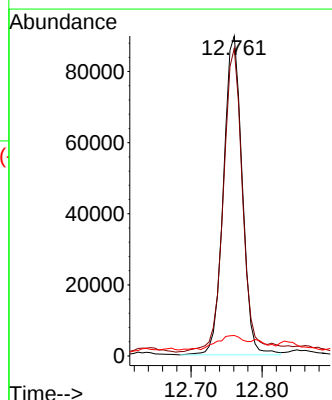
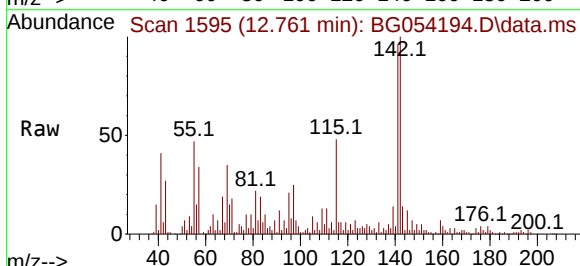
Tgt Ion:142 Resp: 163575

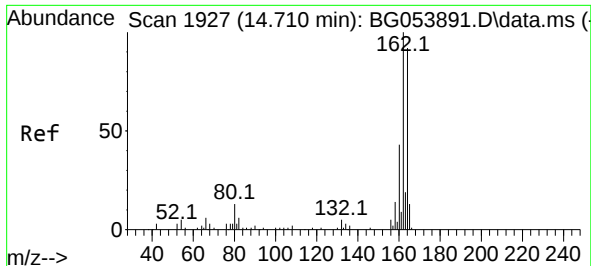
Ion Ratio Lower Upper

142 100

141 96.1 76.4 114.6

116 6.4 3.3 4.9#

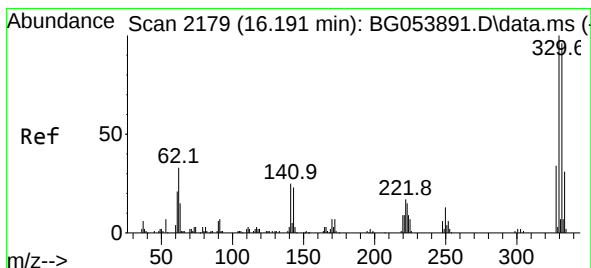
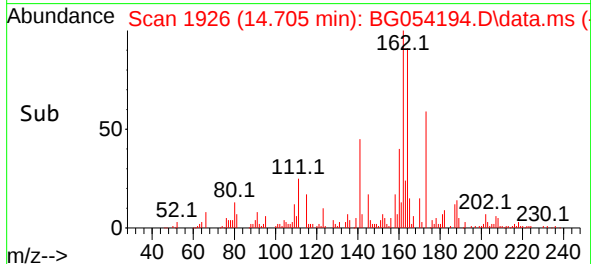
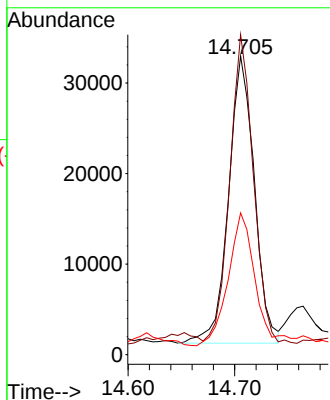
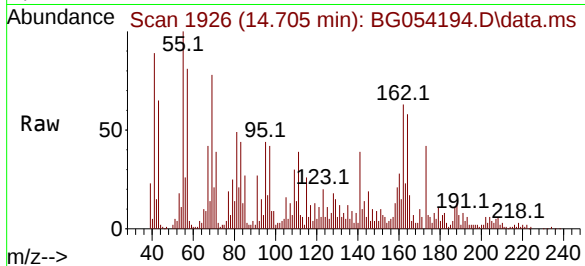




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.705 min Scan# 1926
Delta R.T. 0.008 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

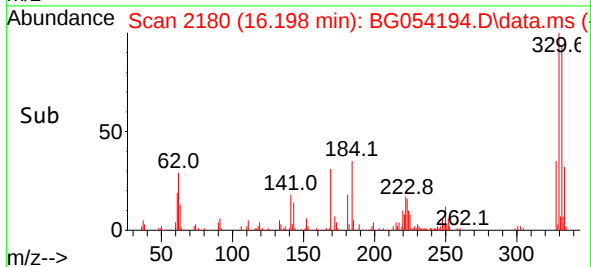
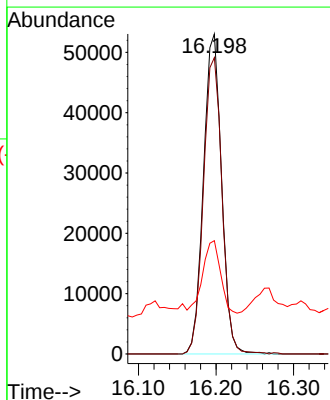
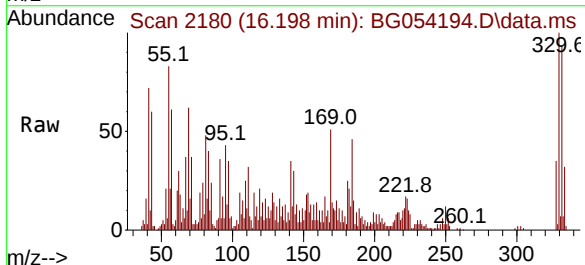
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

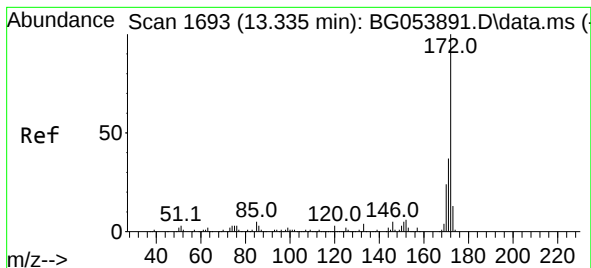
Tgt Ion:164 Resp: 53458
Ion Ratio Lower Upper
164 100
162 107.1 82.3 123.5
160 47.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 100.041 ng
RT: 16.198 min Scan# 2180
Delta R.T. 0.013 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:330 Resp: 85925
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 22.2 27.1 40.7#

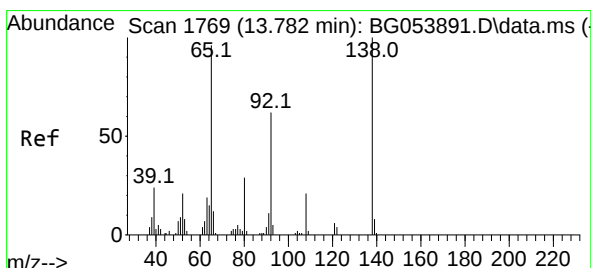
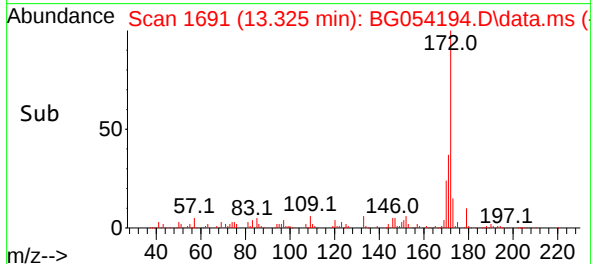
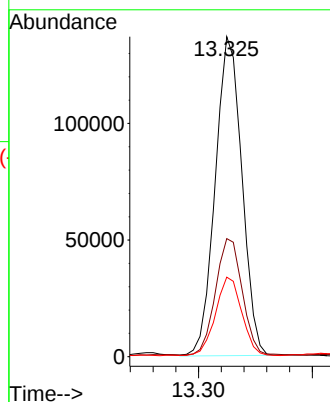
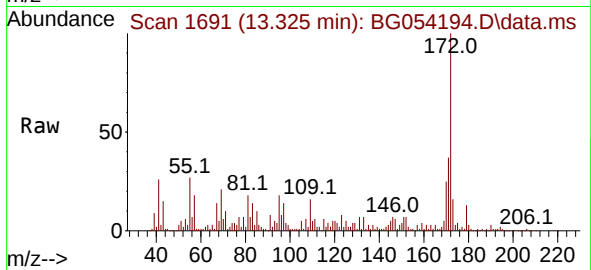




#45
2-Fluorobiphenyl
Concen: 60.565 ng
RT: 13.325 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

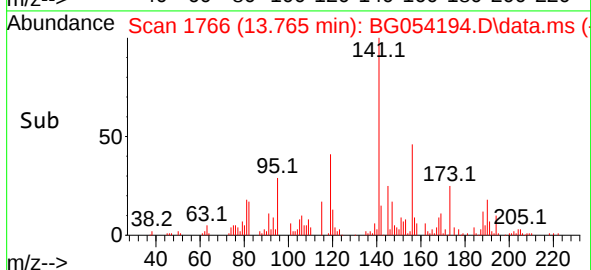
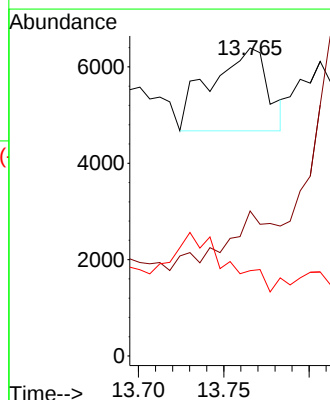
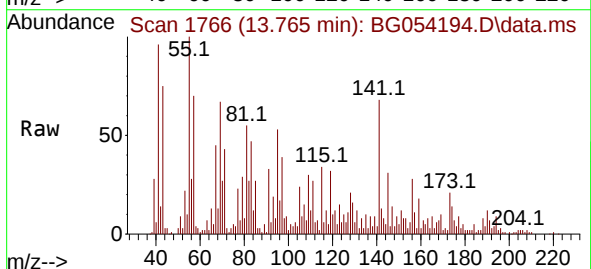
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

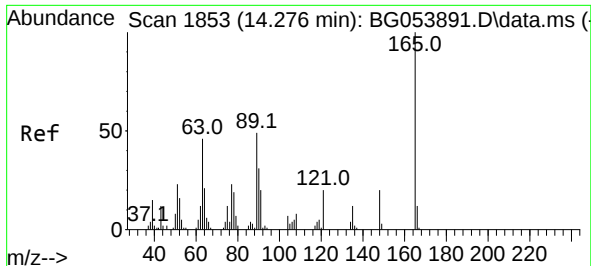
Tgt Ion:172 Resp: 222653
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.9 18.9 28.3



#48
2-Nitroaniline
Concen: 4.999 ng
RT: 13.765 min Scan# 1766
Delta R.T. -0.004 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion: 65 Resp: 4007
Ion Ratio Lower Upper
65 100
92 47.1 51.5 77.3#
138 27.7 71.3 106.9#

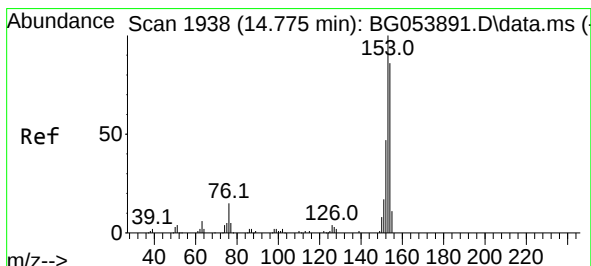
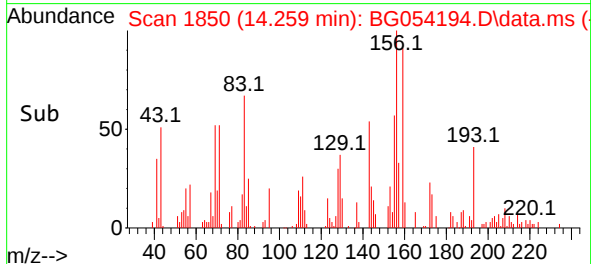
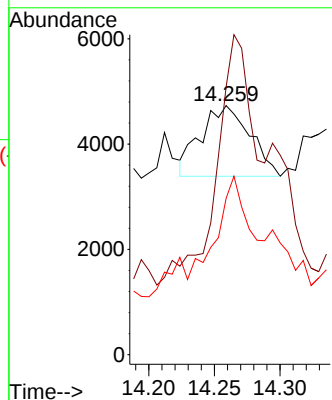
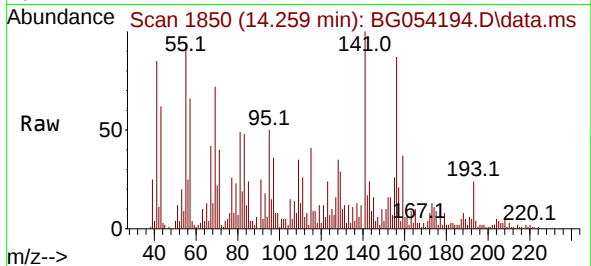




#51
2,6-Dinitrotoluene
Concen: 4.231 ng
RT: 14.259 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

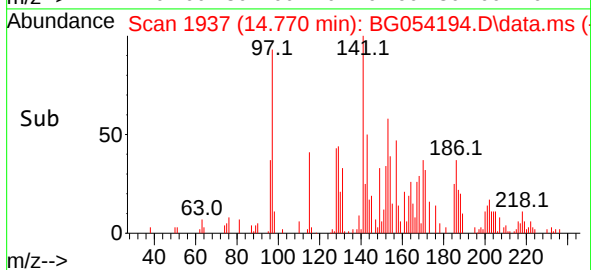
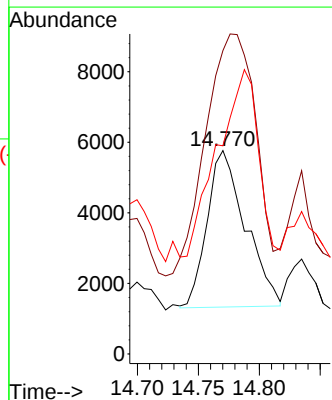
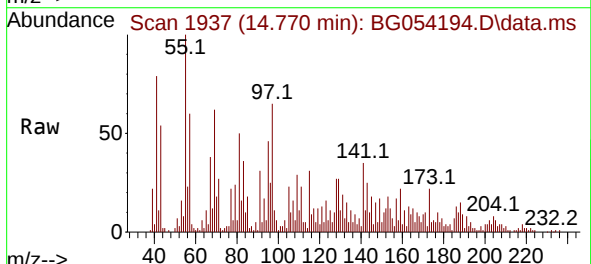
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

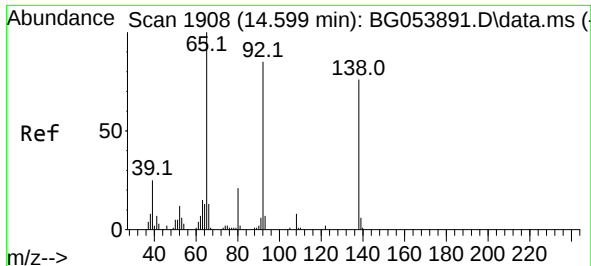
Tgt Ion:165 Resp: 3480
Ion Ratio Lower Upper
165 100
63 107.5 54.1 81.1#
89 62.8 54.8 82.2



#52
Acenaphthene
Concen: 3.255 ng
RT: 14.770 min Scan# 1937
Delta R.T. 0.008 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:154 Resp: 9722
Ion Ratio Lower Upper
154 100
153 149.2 92.7 139.1#
152 102.4 42.6 64.0#

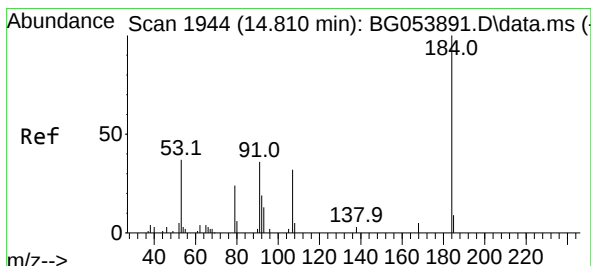
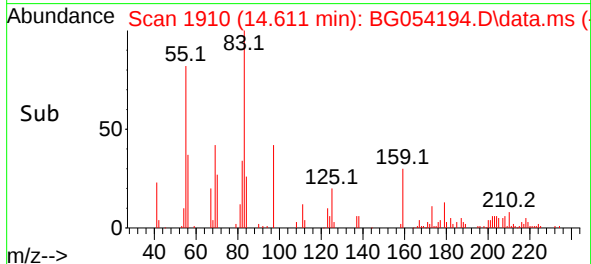
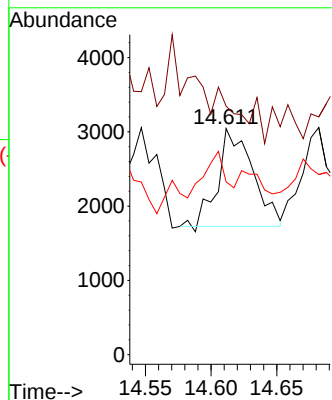
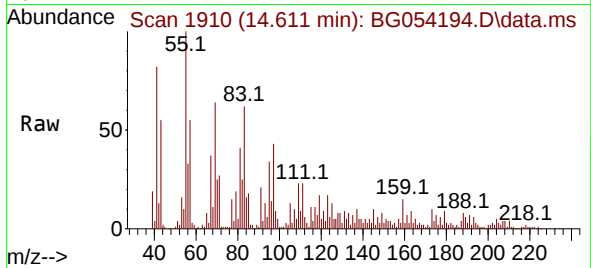




#53
3-Nitroaniline
Concen: 3.048 ng
RT: 14.611 min Scan# 1908
Delta R.T. 0.019 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

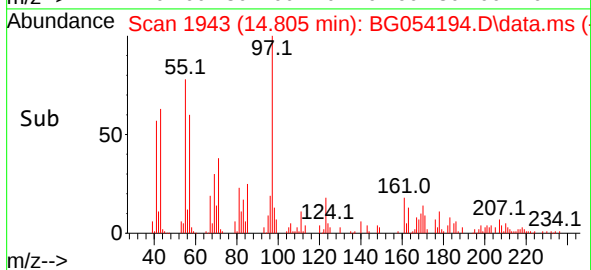
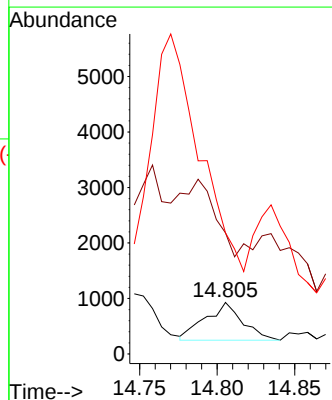
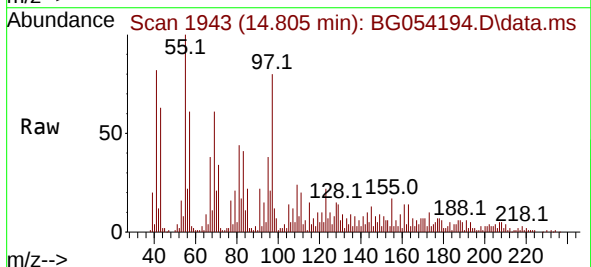
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

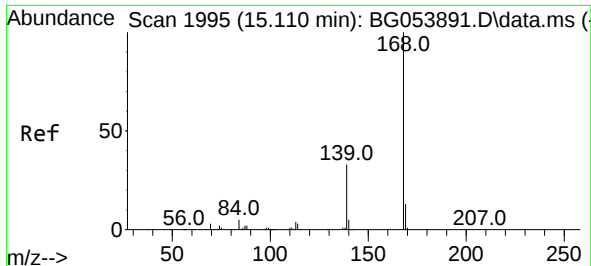
Tgt Ion:138 Resp: 2429
Ion Ratio Lower Upper
138 100
108 110.0 9.2 13.8#
92 76.5 101.9 152.9#



#54
2,4-Dinitrophenol
Concen: 9.329 ng
RT: 14.805 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:184 Resp: 1134
Ion Ratio Lower Upper
184 100
63 234.6 61.1 91.7#
154 234.6 60.6 91.0#

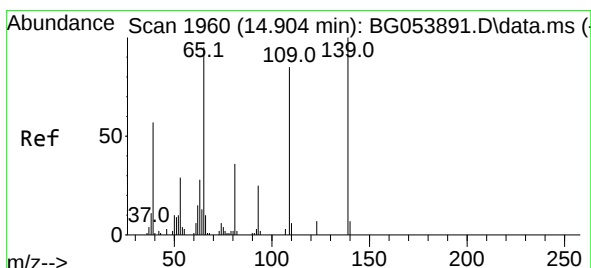
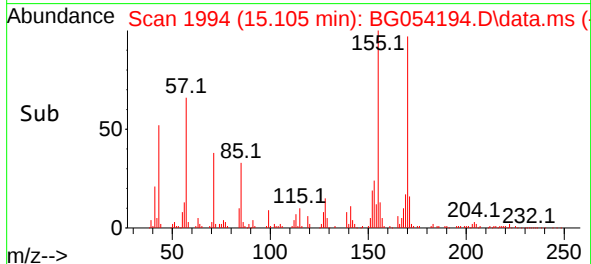
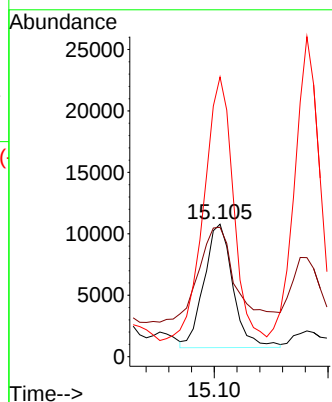
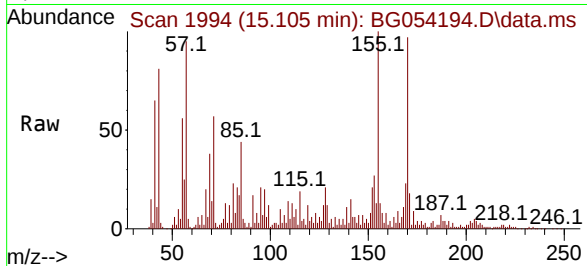




#55
Dibenzofuran
Concen: 3.678 ng
RT: 15.105 min Scan# 1995
Delta R.T. 0.013 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

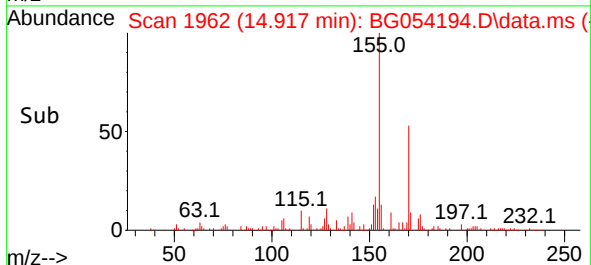
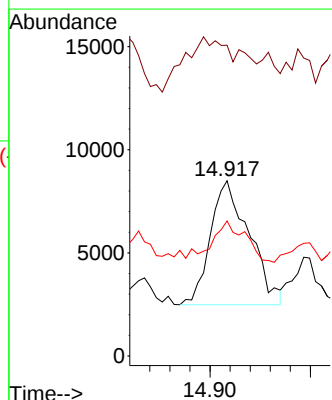
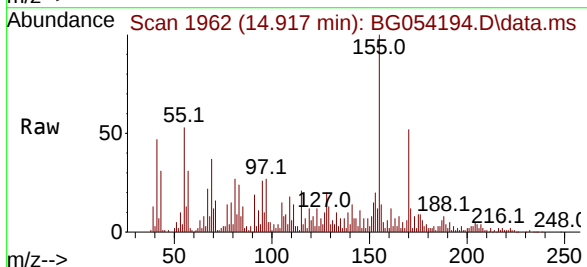
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

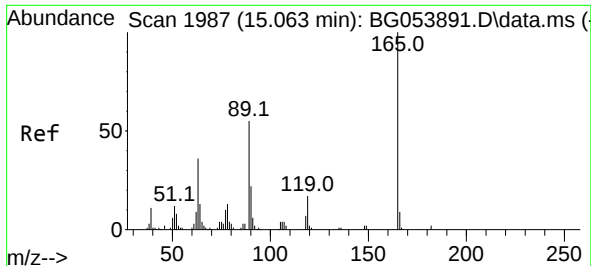
Tgt Ion:168 Resp: 17702
Ion Ratio Lower Upper
168 100
139 97.7 30.5 45.7#
169 211.0 10.3 15.5#



#56
4-Nitrophenol
Concen: 28.628 ng
RT: 14.917 min Scan# 1962
Delta R.T. 0.019 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:139 Resp: 16197
Ion Ratio Lower Upper
139 100
109 177.3 88.5 128.5#
65 77.1 93.9 133.9#





#57

2,4-Dinitrotoluene

Concen: 2.857 ng

RT: 15.052 min Scan# 1985

Delta R.T. 0.002 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-3

Tgt Ion:165 Resp: 3319

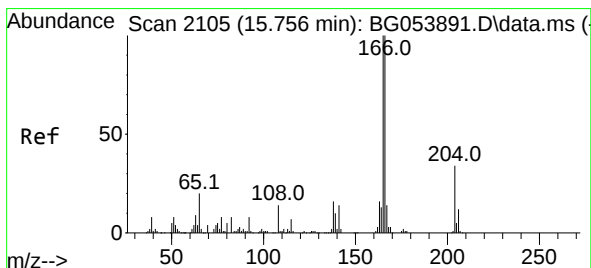
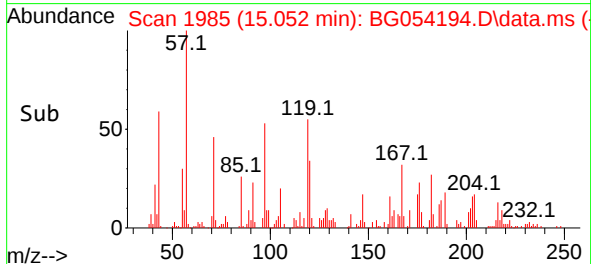
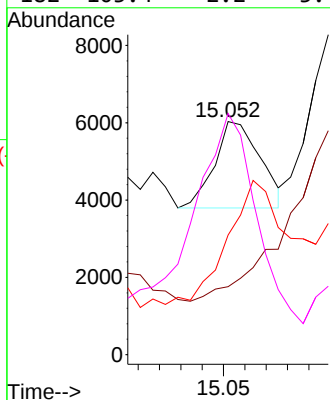
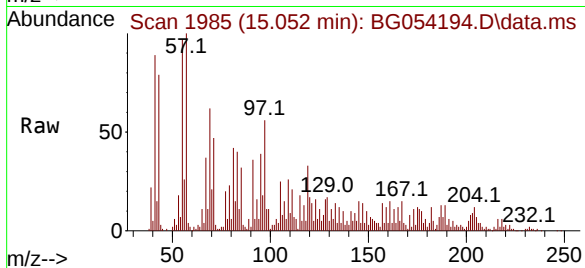
Ion Ratio Lower Upper

165 100

63 29.2 34.6 52.0#

89 51.4 60.3 90.5#

182 103.4 2.2 3.4#



#58

Fluorene

Concen: 9.725 ng

RT: 15.751 min Scan# 2104

Delta R.T. 0.008 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

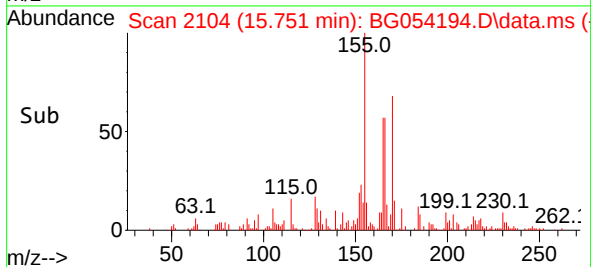
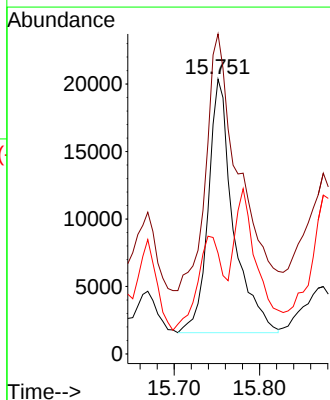
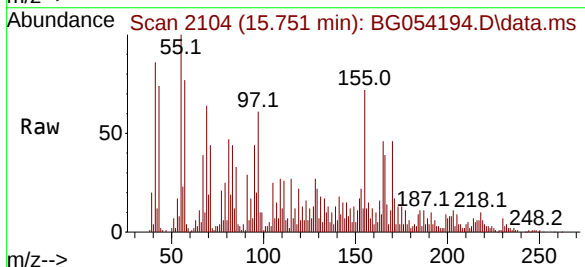
Tgt Ion:166 Resp: 38428

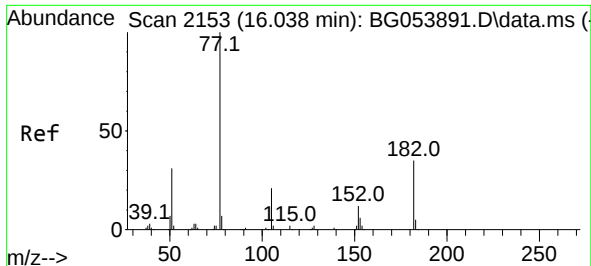
Ion Ratio Lower Upper

166 100

165 116.5 75.0 112.6#

167 36.7 10.8 16.2#

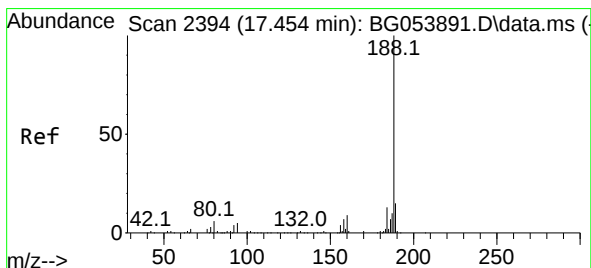
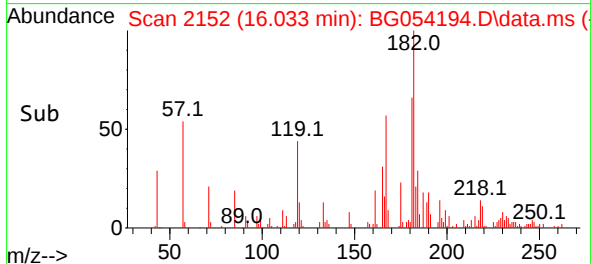
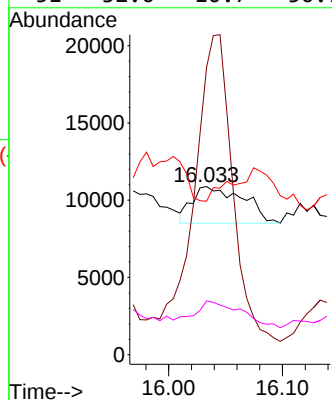
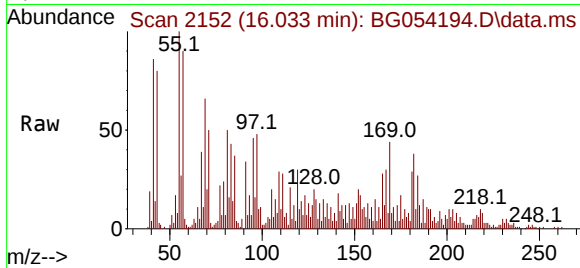




#63
Azobenzene
Concen: 2.333 ng
RT: 16.033 min Scan# 2153
Delta R.T. 0.008 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

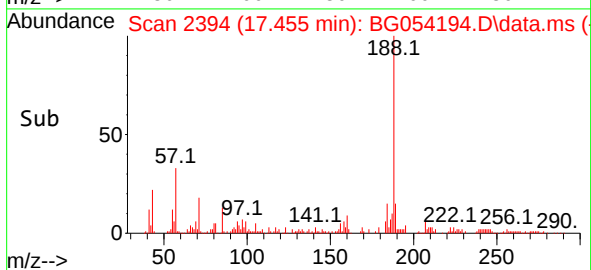
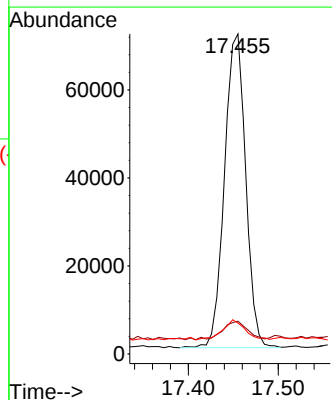
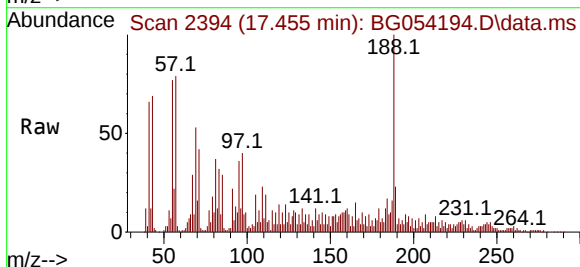
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

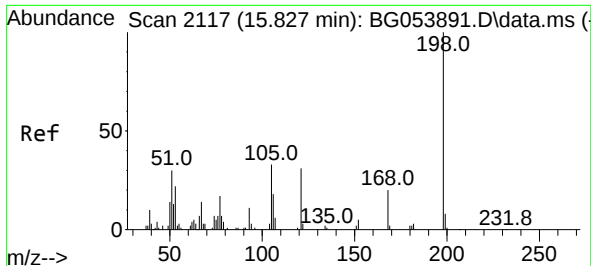
Tgt Ion: 77 Resp: 7404
Ion Ratio Lower Upper
77 100
182 170.9 3.8 43.8#
105 91.2 0.0 37.8#
51 32.0 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.455 min Scan# 2394
Delta R.T. 0.013 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:188 Resp: 116950
Ion Ratio Lower Upper
188 100
94 10.3 5.4 8.0#
80 9.7 6.8 10.2

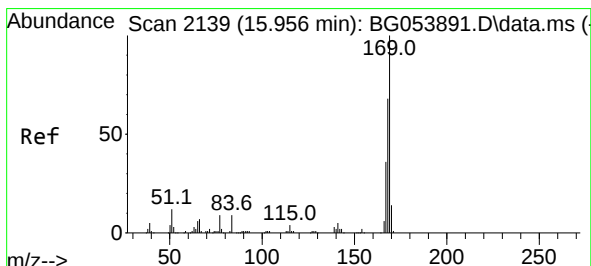
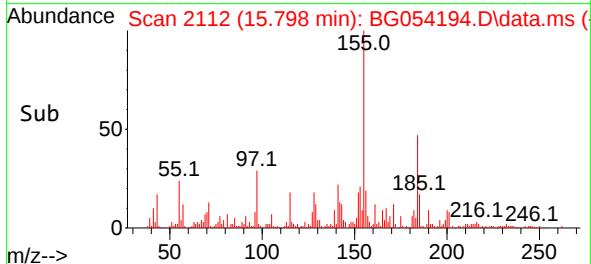
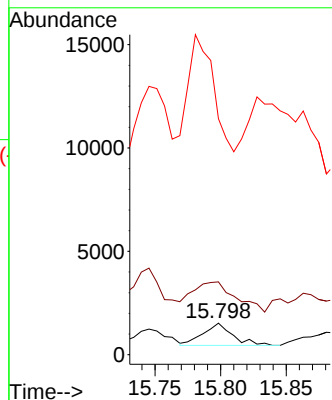
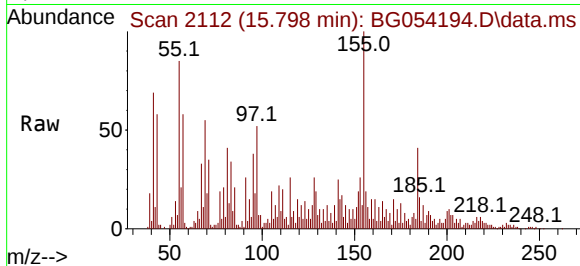




#65
4,6-Dinitro-2-methylphenol
Concen: 2.907 ng
RT: 15.798 min Scan# 2112
Delta R.T. -0.016 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

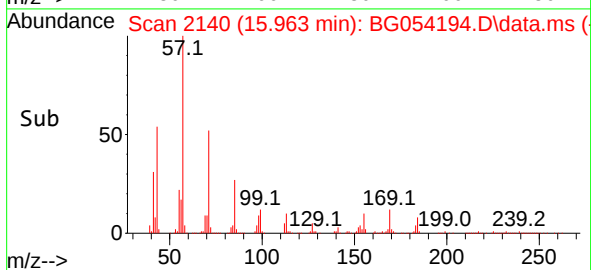
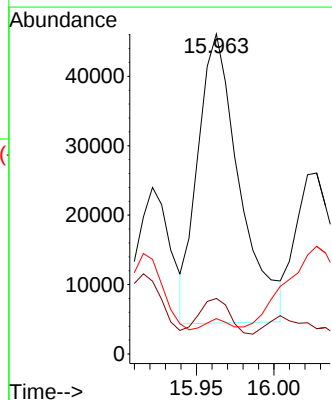
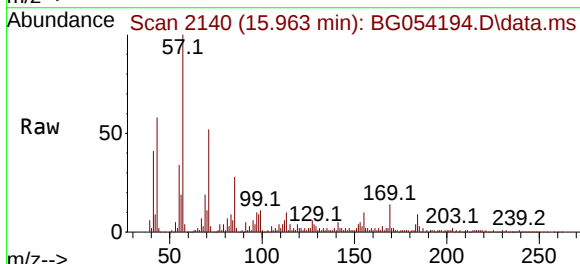
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

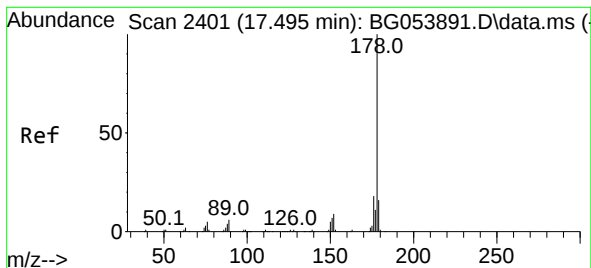
Tgt Ion:198 Resp: 1696
Ion Ratio Lower Upper
198 100
51 231.0 28.1 68.1#
105 748.8 20.3 60.3#



#66
n-Nitrosodiphenylamine
Concen: 25.490 ng
RT: 15.963 min Scan# 2140
Delta R.T. 0.019 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:169 Resp: 77693
Ion Ratio Lower Upper
169 100
168 17.4 55.9 83.9#
167 11.0 30.6 46.0#





#71

Phenanthrene

Concen: 22.575 ng

RT: 17.496 min Scan# 2401

Delta R.T. 0.013 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-3

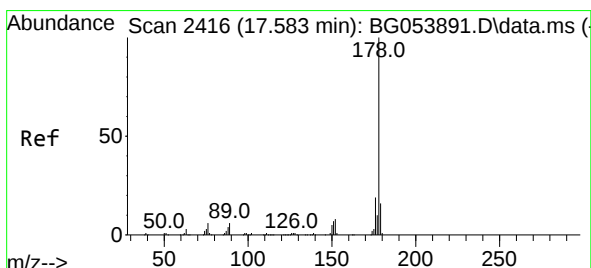
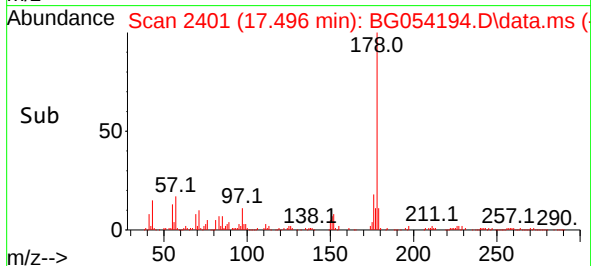
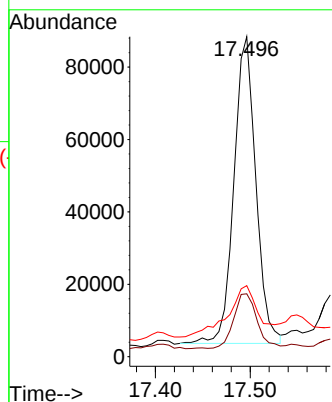
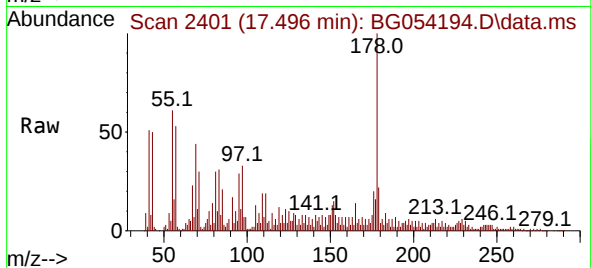
Tgt Ion:178 Resp: 135642

Ion Ratio Lower Upper

178 100

176 19.6 14.1 21.1

179 22.2 12.1 18.1#



#72

Anthracene

Concen: 3.253 ng

RT: 17.584 min Scan# 2416

Delta R.T. 0.008 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

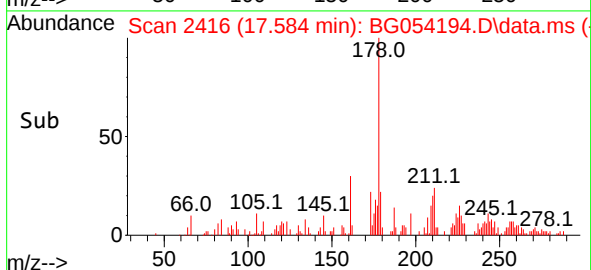
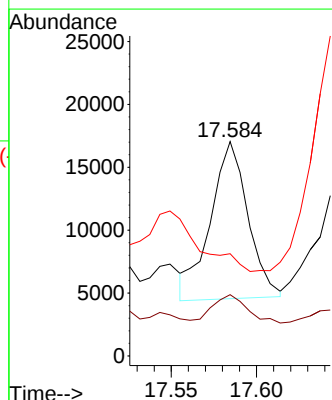
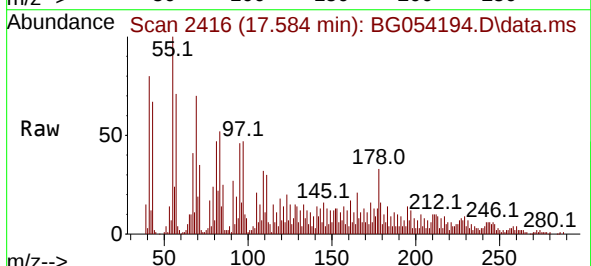
Tgt Ion:178 Resp: 19087

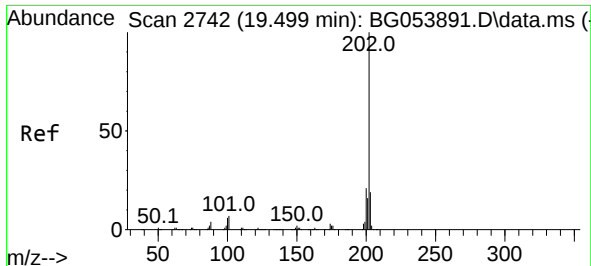
Ion Ratio Lower Upper

178 100

176 28.6 15.2 22.8#

179 47.7 13.0 19.4#

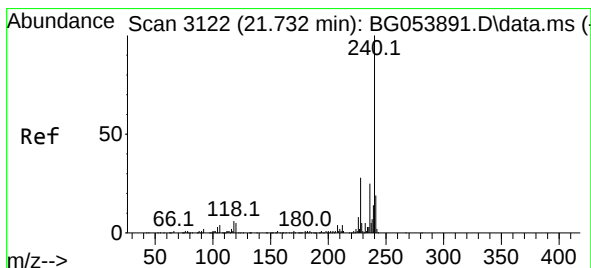
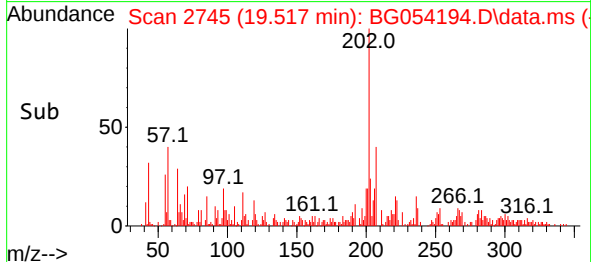
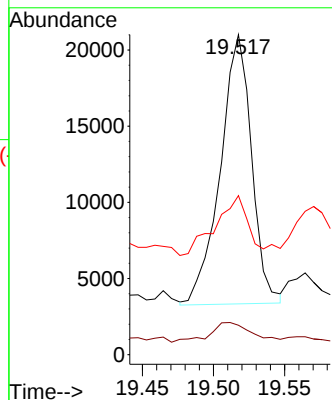
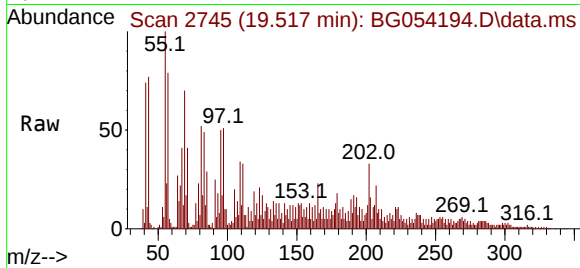




#75
Fluoranthene
Concen: 3.439 ng
RT: 19.517 min Scan# 21
Delta R.T. 0.025 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

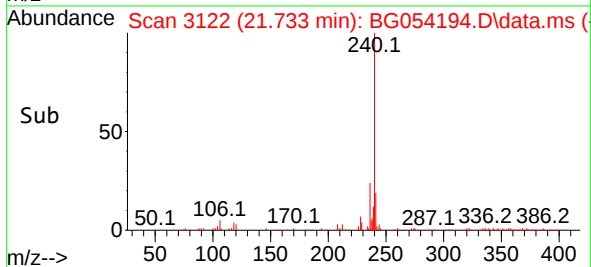
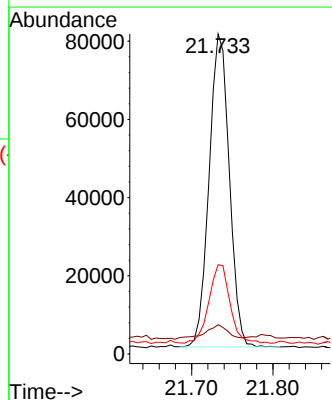
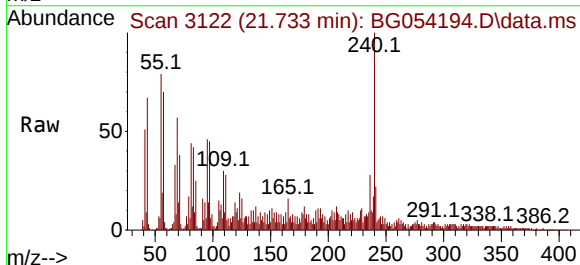
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

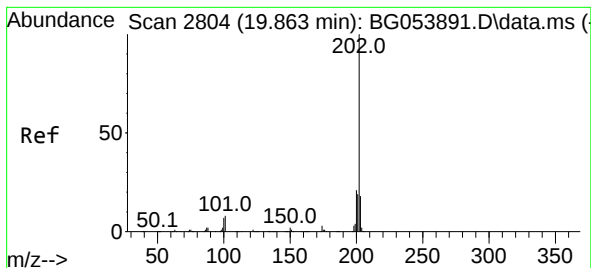
Tgt Ion:202 Resp: 27129
Ion Ratio Lower Upper
202 100
101 9.2 0.0 26.9
203 49.7 0.0 37.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3122
Delta R.T. 0.013 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:240 Resp: 138406
Ion Ratio Lower Upper
240 100
120 9.2 4.6 7.0#
236 27.9 20.2 30.4





#78

Pyrene

Concen: 6.693 ng

RT: 19.870 min Scan# 2805

Delta R.T. 0.019 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-3

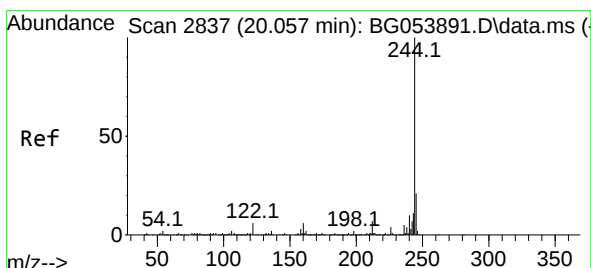
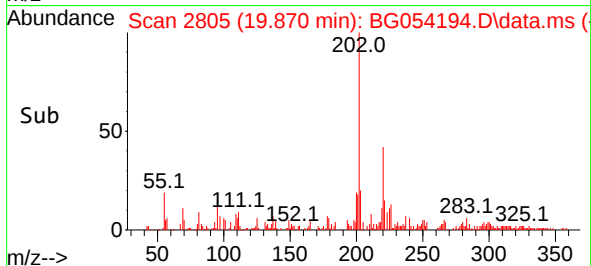
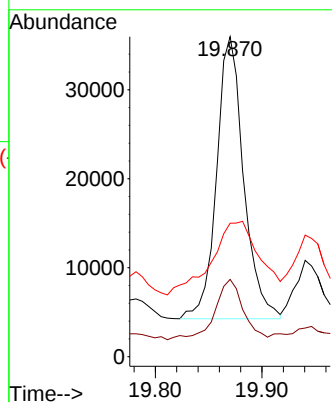
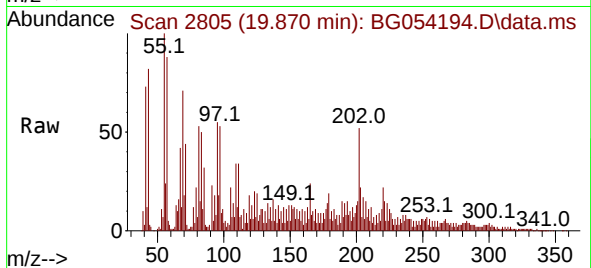
Tgt Ion:202 Resp: 55950

Ion Ratio Lower Upper

202 100

200 24.1 16.6 24.8

203 41.7 14.6 21.8#



#79

Terphenyl-d14

Concen: 64.290 ng

RT: 20.058 min Scan# 2837

Delta R.T. 0.013 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

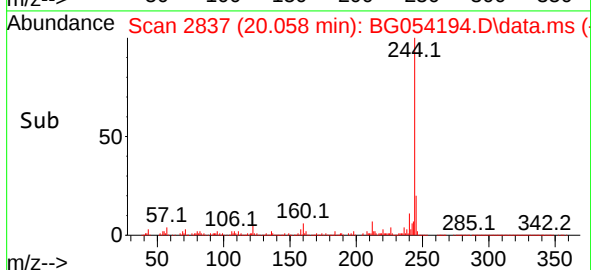
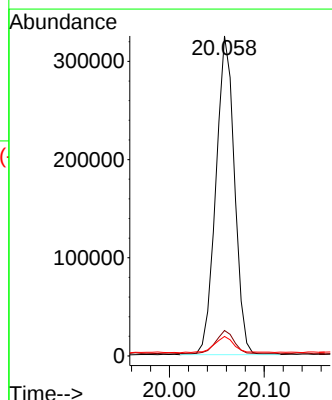
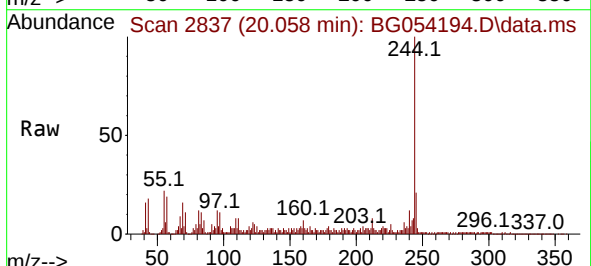
Tgt Ion:244 Resp: 441795

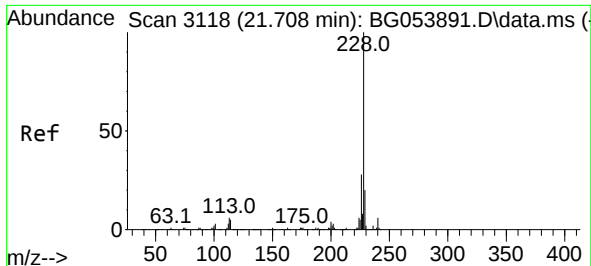
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 6.1 5.0 7.4

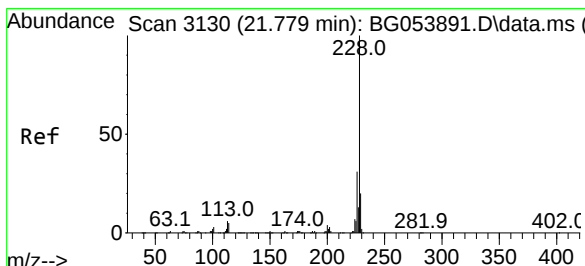
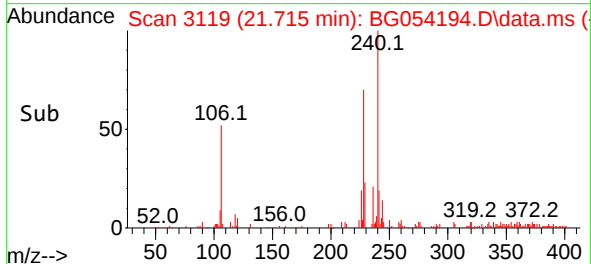
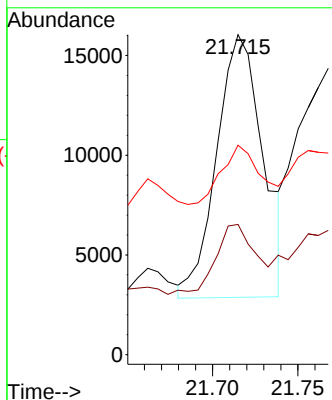
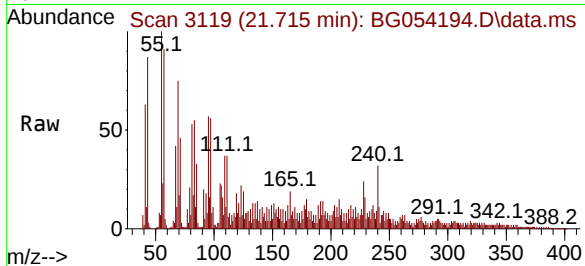




#81
Benzo(a)anthracene
Concen: 2.774 ng
RT: 21.715 min Scan# 3118
Delta R.T. 0.019 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

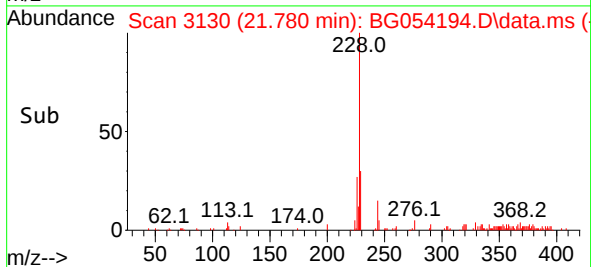
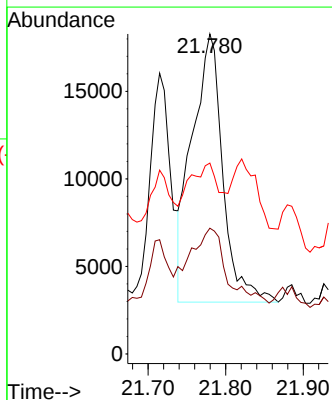
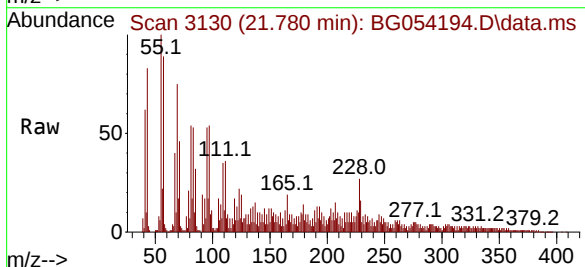
Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

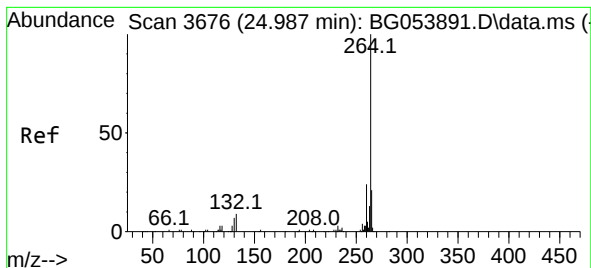
Tgt Ion:228 Resp: 24857
Ion Ratio Lower Upper
228 100
226 40.7 21.6 32.4#
229 65.5 16.2 24.2#



#83
Chrysene
Concen: 4.958 ng
RT: 21.780 min Scan# 3130
Delta R.T. 0.019 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:228 Resp: 42350
Ion Ratio Lower Upper
228 100
226 39.3 23.4 35.2#
229 59.7 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.029 min Scan# 3

Delta R.T. 0.066 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

Instrument :

BNA_G

ClientSampleId :

WC-14B-11-3

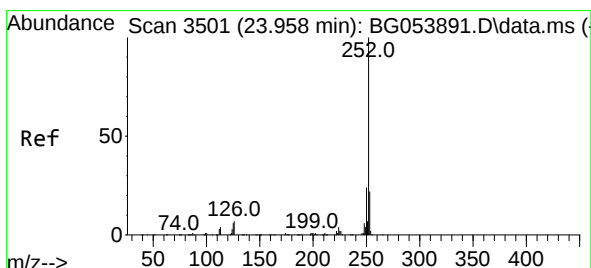
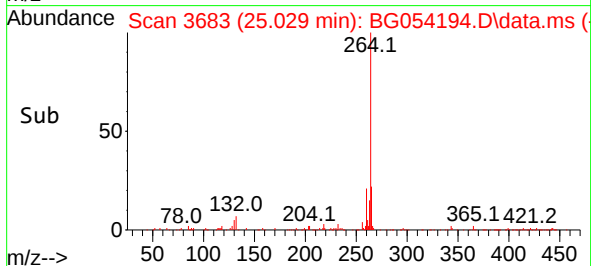
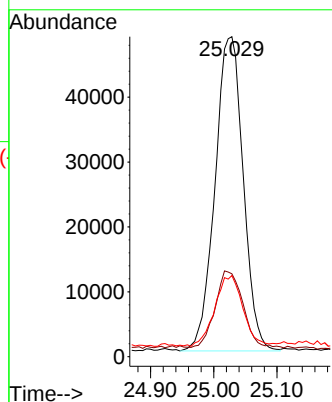
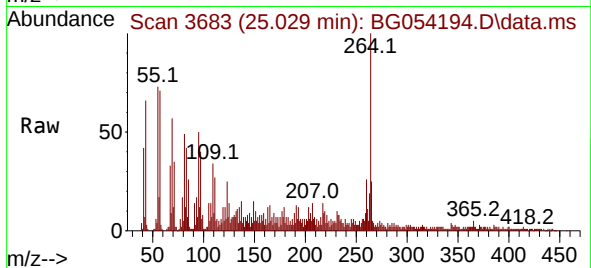
Tgt Ion:264 Resp: 150342

Ion Ratio Lower Upper

264 100

260 25.9 19.0 28.6

265 25.3 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.988 ng

RT: 23.977 min Scan# 3504

Delta R.T. 0.043 min

Lab File: BG054194.D

Acq: 1 Jul 2022 16:56

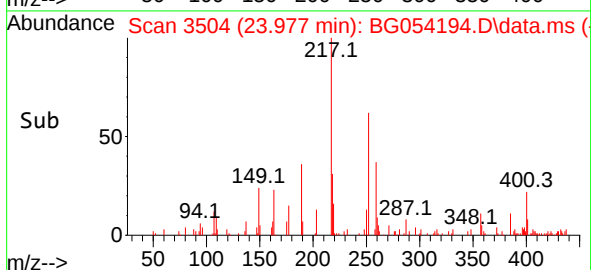
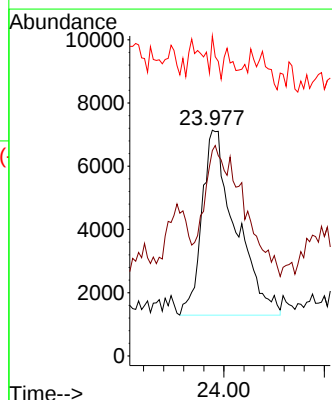
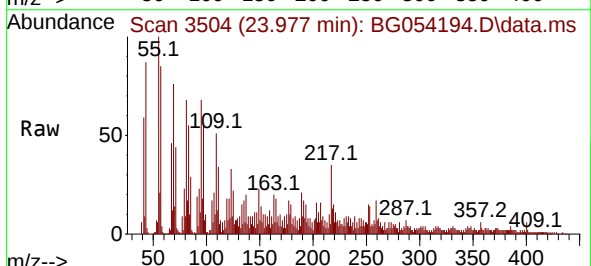
Tgt Ion:252 Resp: 27313

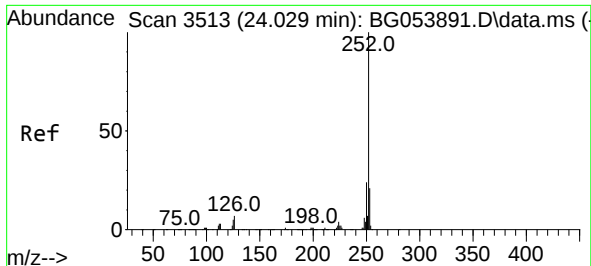
Ion Ratio Lower Upper

252 100

253 91.0 18.0 27.0#

125 141.7 4.6 6.8#

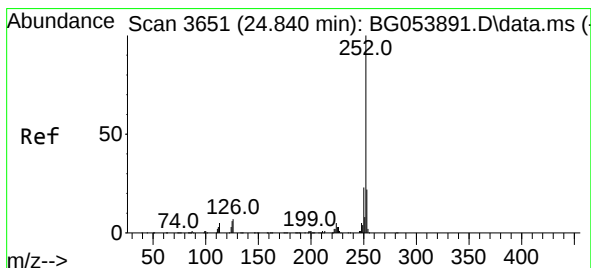
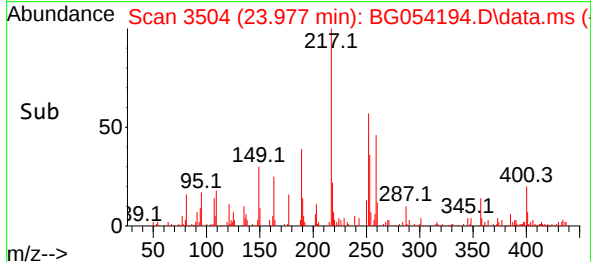
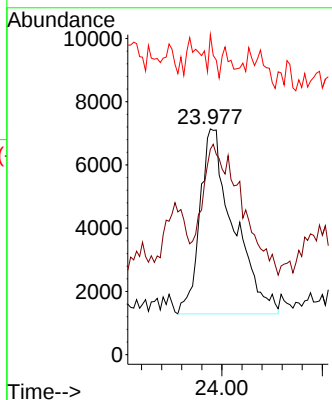
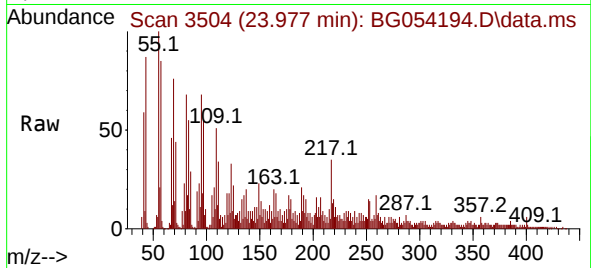




#89
Benzo(k)fluoranthene
Concen: 3.018 ng
RT: 23.977 min Scan# 3513
Delta R.T. -0.028 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

Tgt Ion:252 Resp: 27313
Ion Ratio Lower Upper
252 100
253 91.0 18.4 27.6#
125 141.7 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 2.326 ng
RT: 24.864 min Scan# 3655
Delta R.T. 0.049 min
Lab File: BG054194.D
Acq: 1 Jul 2022 16:56

Tgt Ion:252 Resp: 17942
Ion Ratio Lower Upper
252 100
253 54.8 17.8 26.8#
125 102.9 4.3 6.5#

