

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058668.D
 Acq On : 9 Aug 2023 21:25
 Operator : MA/JU
 Sample : 03932-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z67-69

Quant Time: Aug 10 02:56:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	59594	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	51649	20.000	ng	# 0.03
39) Acenaphthene-d10	14.474	164	162569	20.000	ng	# 0.01
64) Phenanthrene-d10	17.223	188	270404	20.000	ng	# 0.02
76) Chrysene-d12	21.495	240	194819	20.000	ng	# 0.05
86) Perylene-d12	24.585	264	336433	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	235578	60.421	ng	0.00
7) Phenol-d6	6.988	99	304668	56.156	ng	0.00
23) Nitrobenzene-d5	8.992	82	216129	205.568	ng	0.01
42) 2,4,6-Tribromophenol	15.972	330	95824	35.962	ng	0.02
45) 2-Fluorobiphenyl	13.087	172	447116	41.216	ng	0.00
79) Terphenyl-d14	19.844	244	575463	55.548	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.965	77	319572	108.418	ng	# 1
18) Hexachloroethane	8.874	117	58844	39.476	ng	# 1
22) Acetophenone	8.616	105	149666	108.221	ng	# 58
24) Nitrobenzene	9.004	77	42819	40.061	ng	# 1
25) Isophorone	9.538	82	10204	4.697	ng	# 1
27) 2,4-Dimethylphenol	9.832	122	1624	2.104	ng	# 1
28) bis(2-Chloroethoxy)met...	10.044	93	17532	14.830	ng	93
29) 2,4-Dichlorophenol	10.302	162	1895	2.365	ng	# 55
31) Naphthalene	10.766	128	19368584	7115.040	ng	# 76
32) Benzoic acid	9.973	122	318	5.051	ng	# 1
33) 4-Chloroaniline	10.802	127	5193437	4515.481	ng	# 33
35) Caprolactam	11.565	113	3215	10.865	ng	# 1
37) 2-Methylnaphthalene	12.382	142	11698017	6007.504	ng	# 95
38) 1-Methylnaphthalene	12.594	142	8364312	4518.802	ng	# 100
46) 1,1'-Biphenyl	13.316	154	2683901	240.397	ng	93
47) 2-Chloronaphthalene	13.310	162	23670	2.719	ng	# 1
48) 2-Nitroaniline	13.528	65	84315	25.376	ng	# 33
49) Acenaphthylene	14.209	152	1605719	110.176	ng	# 80
51) 2,6-Dinitrotoluene	13.880	165	49338	18.417	ng	# 1
52) Acenaphthene	14.591	154	5984556	710.653	ng	94
54) 2,4-Dinitrophenol	14.585	184	538	7.807	ng	# 1
55) Dibenzofuran	14.879	168	829824	57.346	ng	# 79
56) 4-Nitrophenol	14.685	139	110649	56.722	ng	# 21
57) 2,4-Dinitrotoluene	14.879	165	59911	16.131	ng	# 38
58) Fluorene	15.866	166	1073720	93.405	ng	96
63) Azobenzene	15.813	77	41678	3.402	ng	# 1
66) n-Nitrosodiphenylamine	15.737	169	129478	18.397	ng	# 1
71) Phenanthrene	17.329	178	12031334	938.207	ng	# 76
72) Anthracene	17.329	178	12031334	914.361	ng	# 75
73) Carbazole	17.635	167	360734	31.089	ng	# 89
75) Fluoranthene	19.321	202	6651289	431.788	ng	85
78) Pyrene	19.691	202	8543620	644.386	ng	# 75
81) Benzo(a)anthracene	21.483	228	5509575	410.939	ng	# 69
83) Chrysene	21.554	228	4938620	384.187	ng	# 79
87) Indeno(1,2,3-cd)pyrene	28.140	276	2200545	98.318	ng	94
88) Benzo(b)fluoranthene	23.628	252	4358863	238.876	ng	# 93

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QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

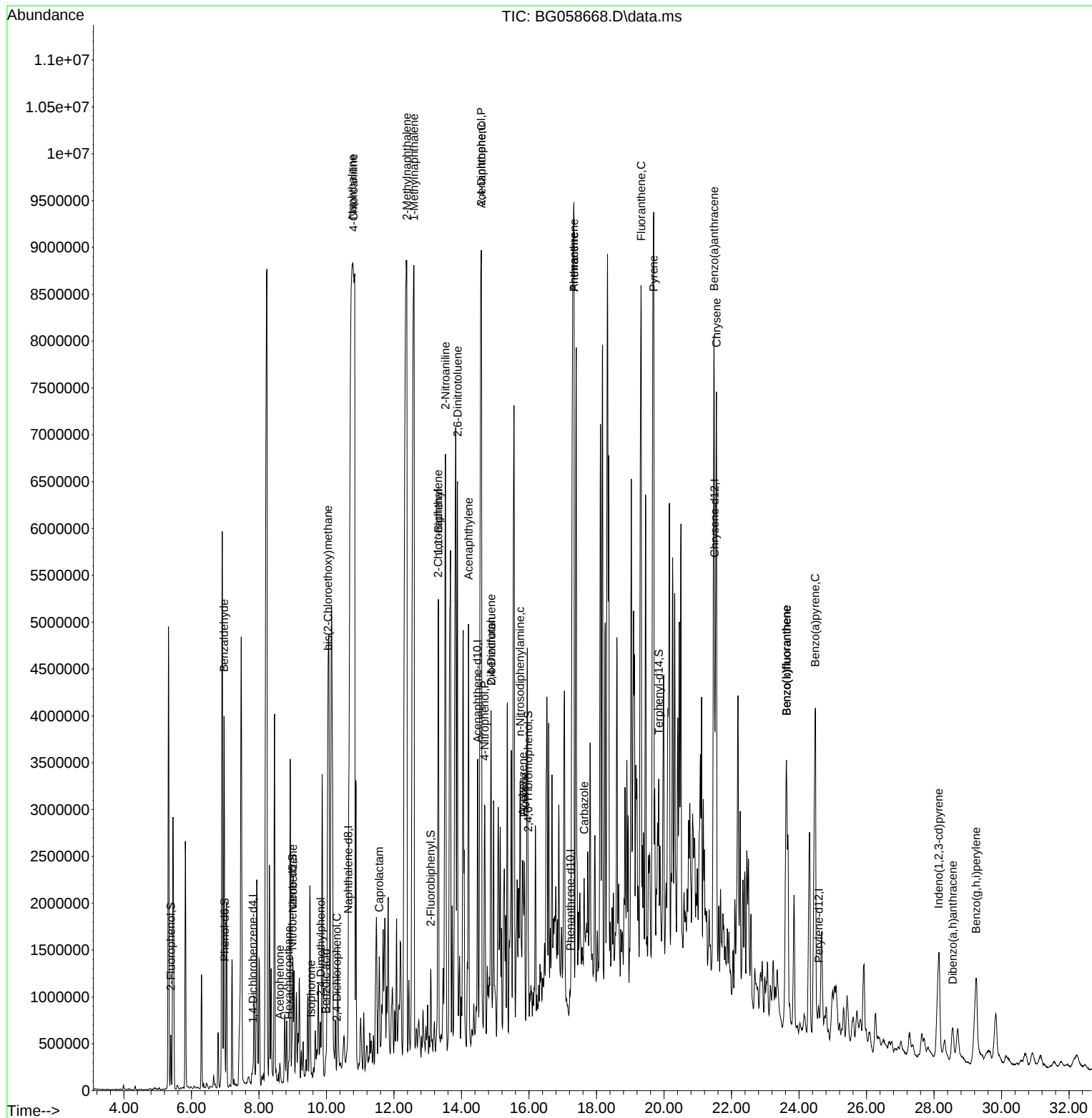
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	23.628	252	4358863	237.783	ng	# 93
90) Benzo(a)pyrene	24.480	252	5363343	299.292	ng	# 93
91) Dibenzo(a,h)anthracene	28.557	278	691698	37.376	ng	94
92) Benzo(g,h,i)perylene	29.251	276	2410649	129.901	ng	96

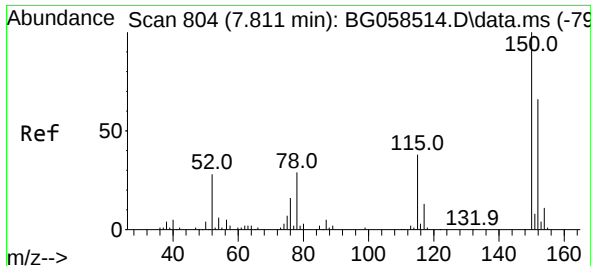
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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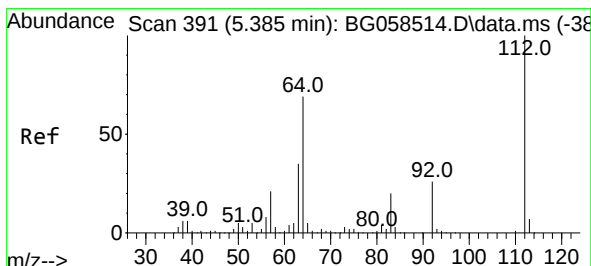
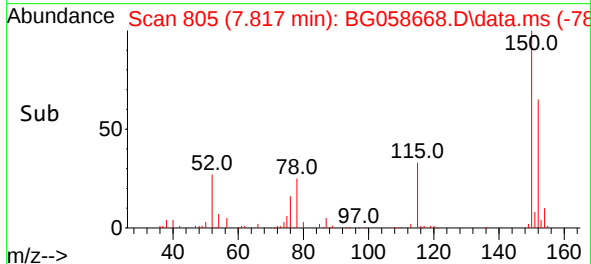
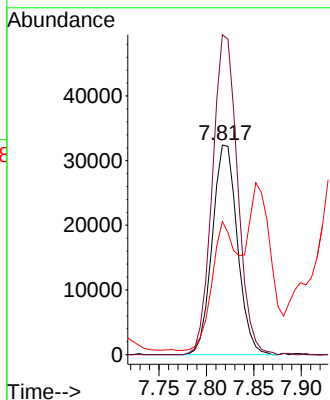
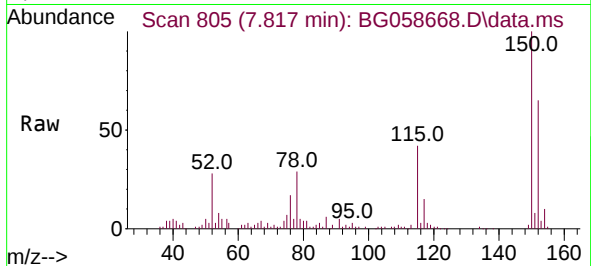




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

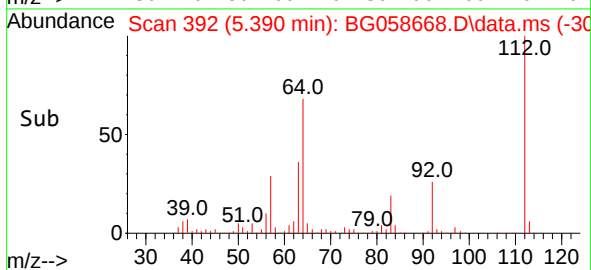
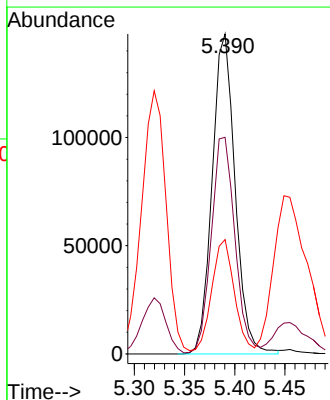
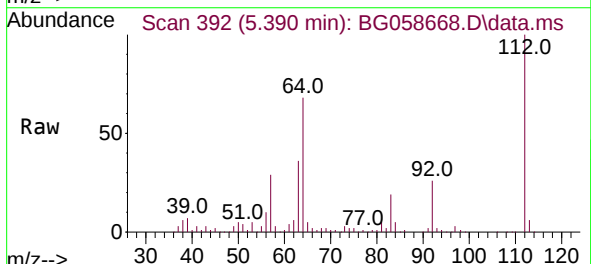
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

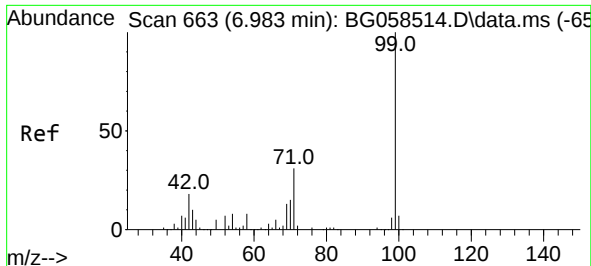
Tgt Ion:152 Resp: 59594
Ion Ratio Lower Upper
152 100
150 152.8 120.5 180.7
115 63.5 45.9 68.9



#5
2-Fluorophenol
Concen: 60.421 ng
RT: 5.390 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:112 Resp: 235578
Ion Ratio Lower Upper
112 100
64 67.7 55.3 82.9
63 35.7 28.3 42.5

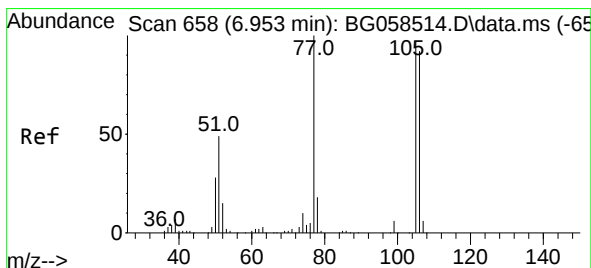
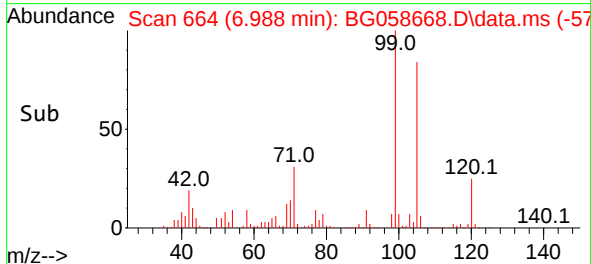
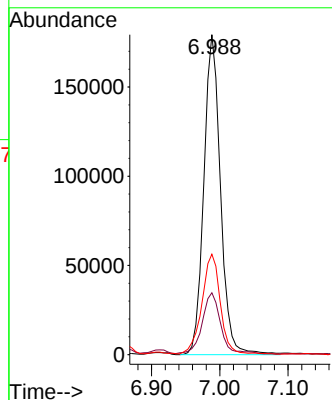
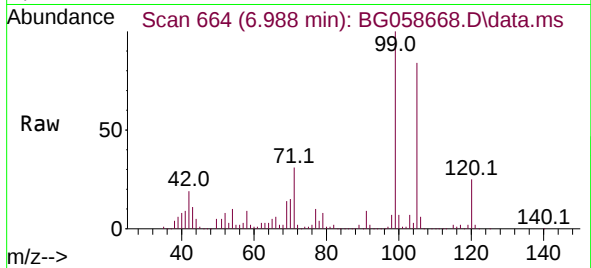




#7
Phenol-d6
Concen: 56.156 ng
RT: 6.988 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

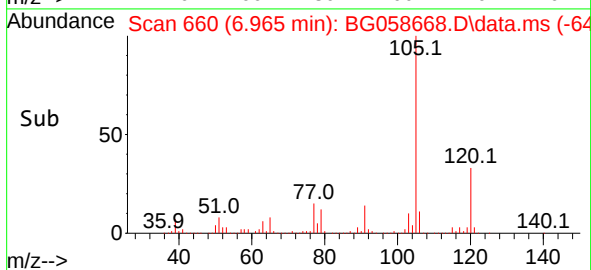
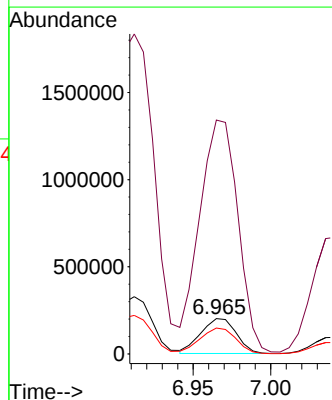
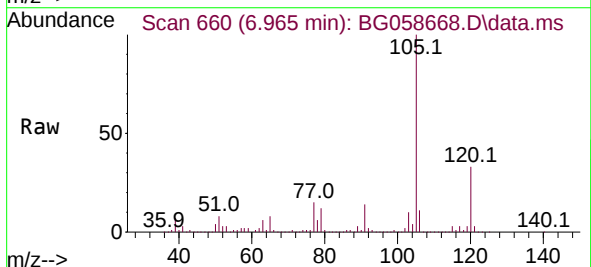
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

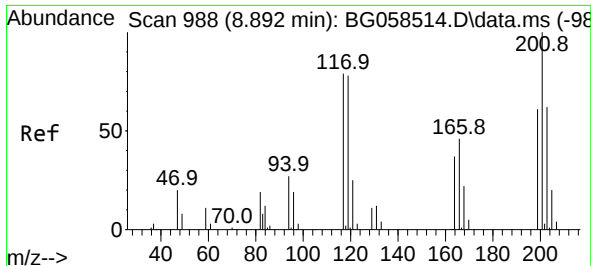
Tgt Ion: 99 Resp: 304668
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 31.4 25.0 37.4



#9
Benzaldehyde
Concen: 108.418 ng
RT: 6.965 min Scan# 660
Delta R.T. 0.012 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion: 77 Resp: 319572
Ion Ratio Lower Upper
77 100
105 663.8 77.1 117.1#
106 73.5 71.6 111.6

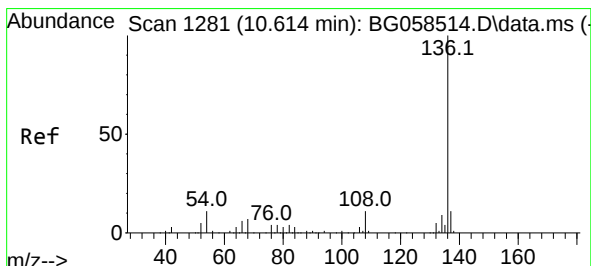
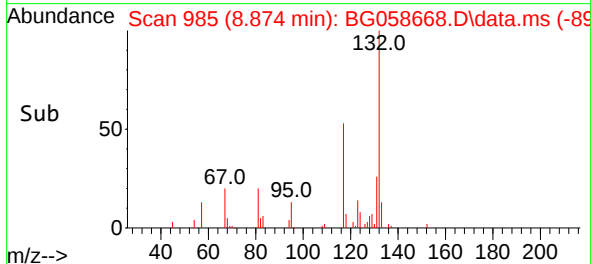
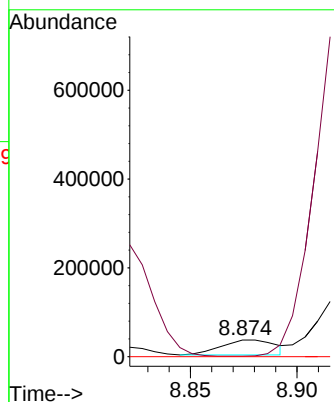
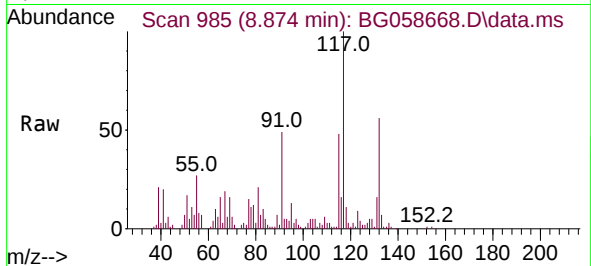




#18
Hexachloroethane
Concen: 39.476 ng
RT: 8.874 min Scan# 988
Delta R.T. -0.018 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

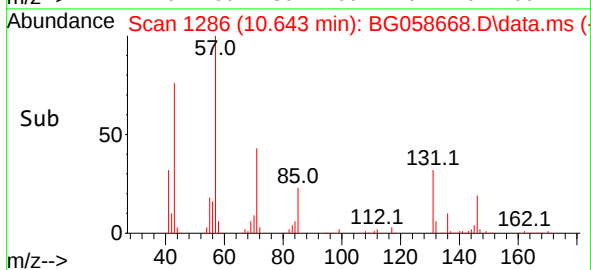
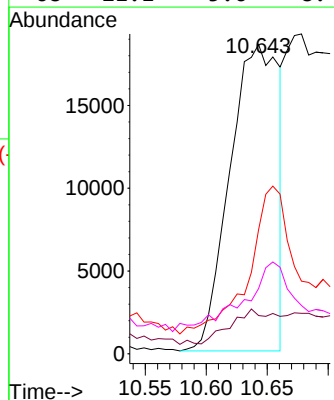
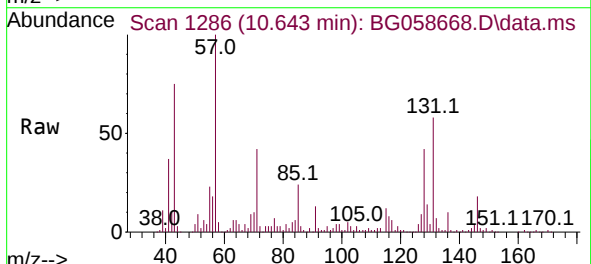
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

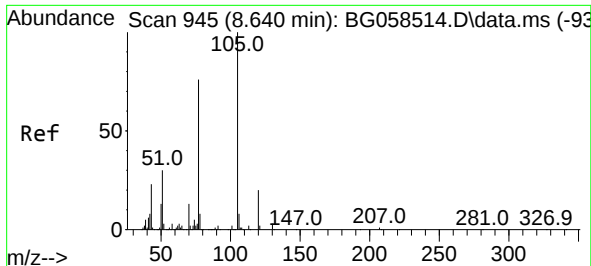
Tgt Ion:117 Resp: 58844
Ion Ratio Lower Upper
117 100
119 2.8 78.6 117.8#
201 0.0 101.4 152.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 1286
Delta R.T. 0.029 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

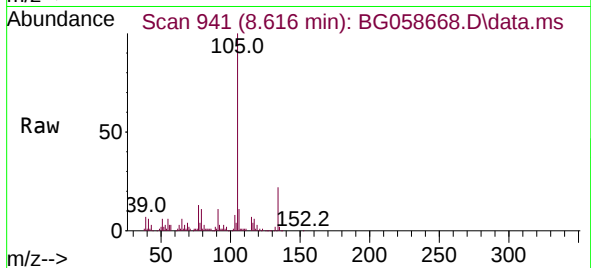
Tgt Ion:136 Resp: 51649
Ion Ratio Lower Upper
136 100
137 12.4 8.6 13.0
54 40.2 8.9 13.3#
68 21.1 5.6 8.4#



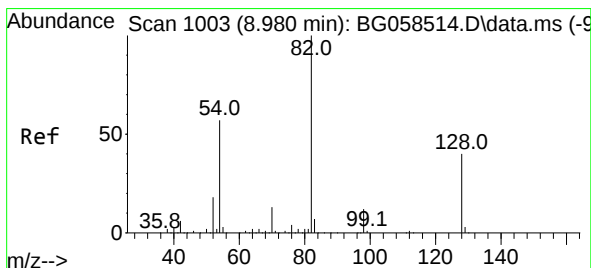
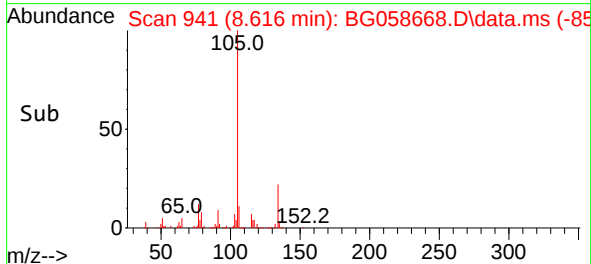
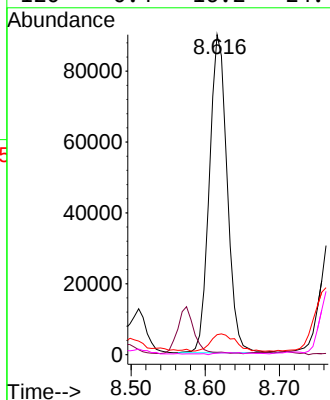


#22
Acetophenone
Concen: 108.221 ng
RT: 8.616 min Scan# 94
Delta R.T. -0.024 min
Lab File: BG058668.D
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ClientSampleId :
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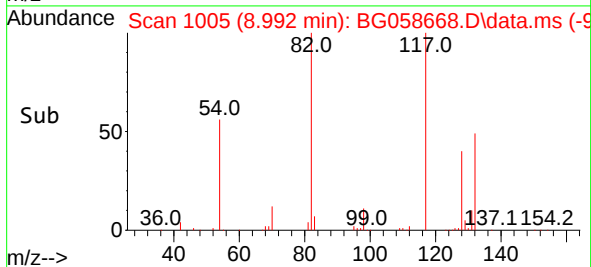
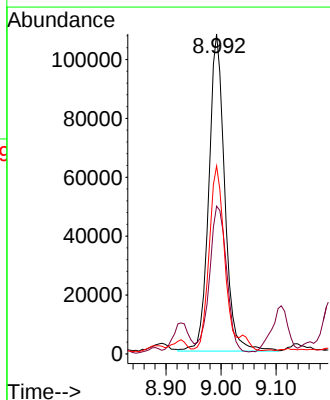
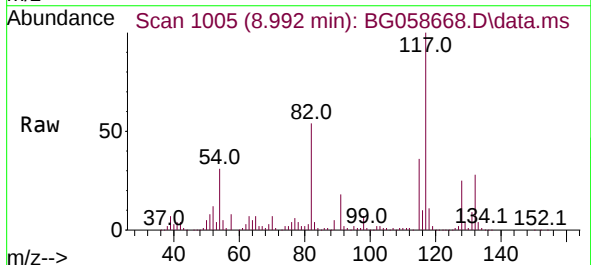


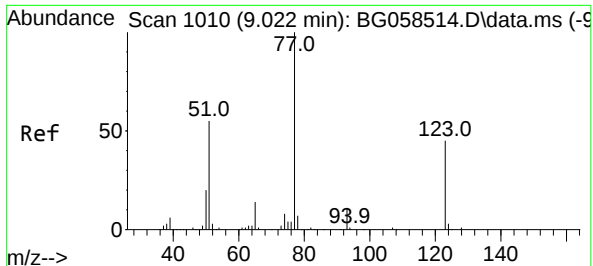
Tgt Ion:105 Resp: 149666
Ion Ratio Lower Upper
105 100
71 0.8 1.8 2.6#
51 6.2 24.2 36.2#
120 0.4 16.2 24.4#



#23
Nitrobenzene-d5
Concen: 205.568 ng
RT: 8.992 min Scan# 1005
Delta R.T. 0.011 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion: 82 Resp: 216129
Ion Ratio Lower Upper
82 100
128 46.2 32.2 48.2
54 58.7 46.0 69.0





#24

Nitrobenzene

Concen: 40.061 ng

RT: 9.004 min Scan# 1010

Delta R.T. -0.018 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

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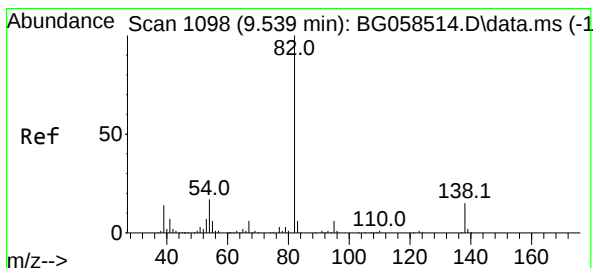
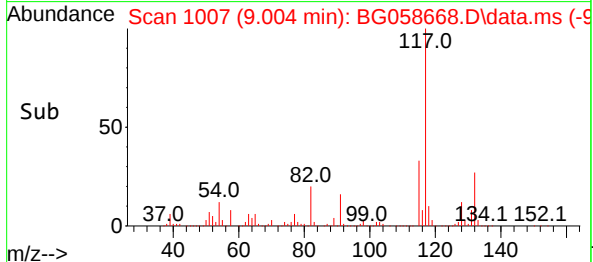
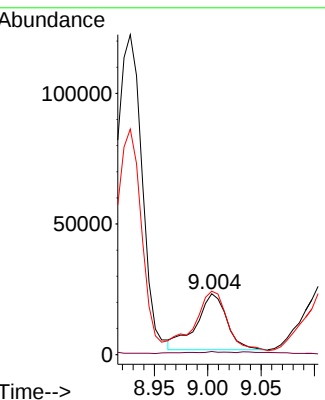
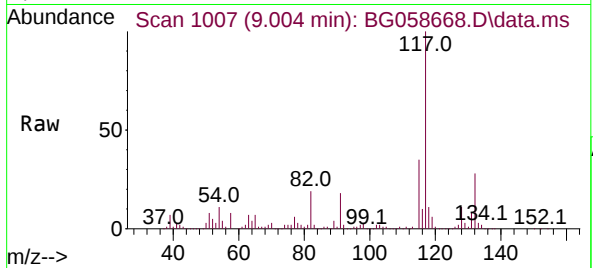
Tgt Ion: 77 Resp: 42819

Ion Ratio Lower Upper

77 100

123 5.1 35.6 53.4#

65 104.2 11.4 17.0#



#25

Isophorone

Concen: 4.697 ng

RT: 9.538 min Scan# 1098

Delta R.T. -0.000 min

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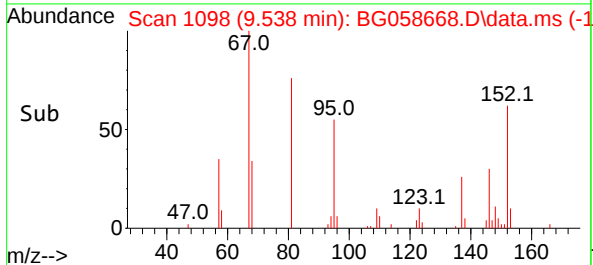
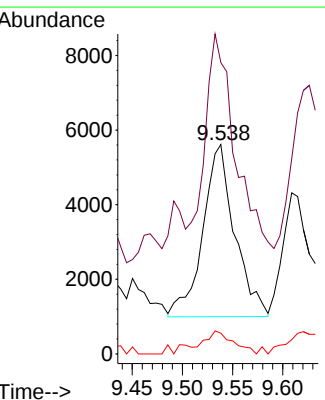
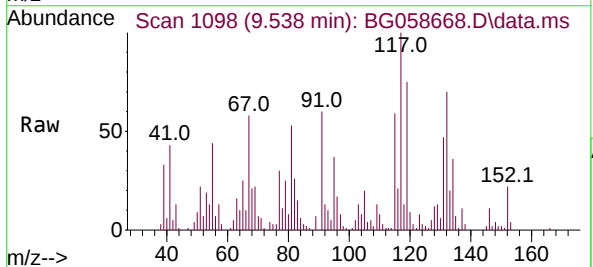
Tgt Ion: 82 Resp: 10204

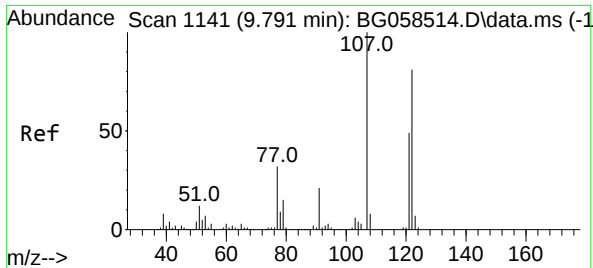
Ion Ratio Lower Upper

82 100

95 139.1 5.1 7.7#

138 9.9 11.9 17.9#

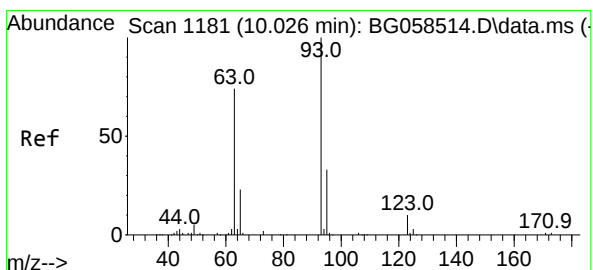
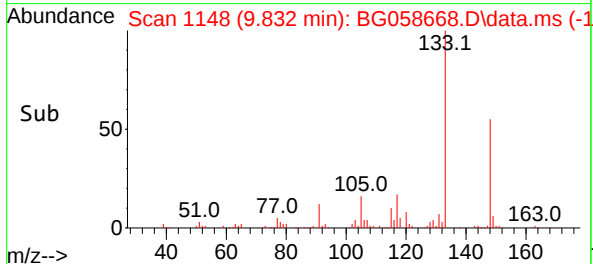
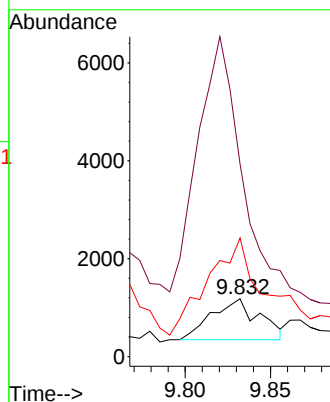
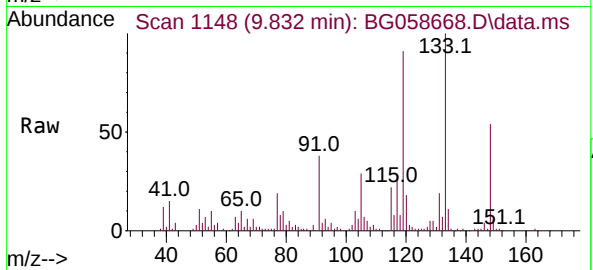




#27
2,4-Dimethylphenol
Concen: 2.104 ng
RT: 9.832 min Scan# 1141
Delta R.T. 0.041 min
Lab File: BG058668.D
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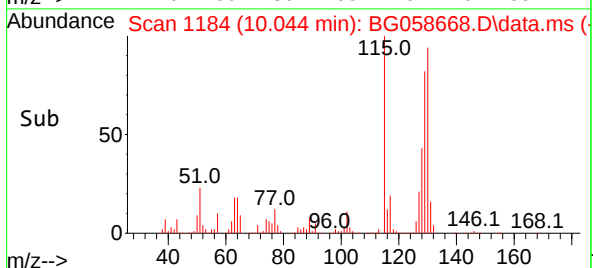
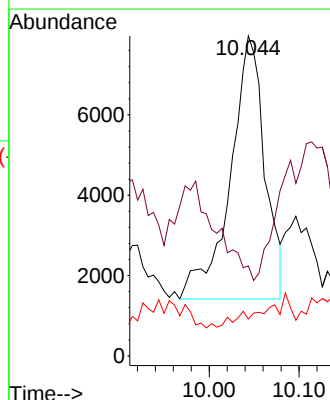
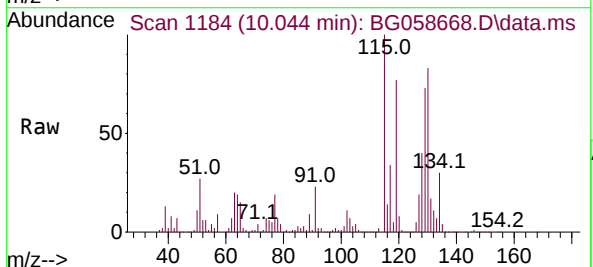
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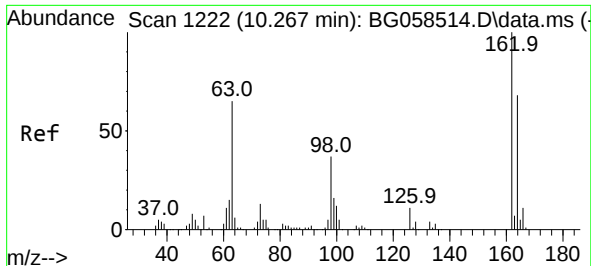
Tgt Ion:122 Resp: 1624
Ion Ratio Lower Upper
122 100
107 332.7 98.0 147.0#
121 204.8 47.8 71.6#



#28
bis(2-Chloroethoxy)methane
Concen: 14.830 ng
RT: 10.044 min Scan# 1184
Delta R.T. 0.017 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion: 93 Resp: 17532
Ion Ratio Lower Upper
93 100
95 28.1 26.0 39.0
123 11.5 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 2.365 ng

RT: 10.302 min Scan# 11

Delta R.T. 0.035 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69

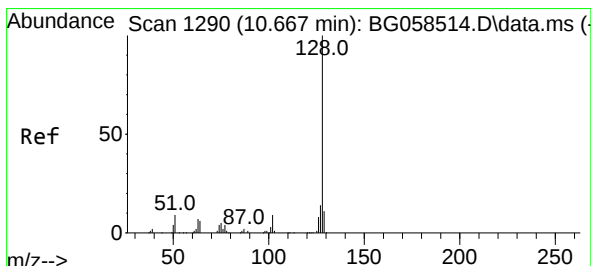
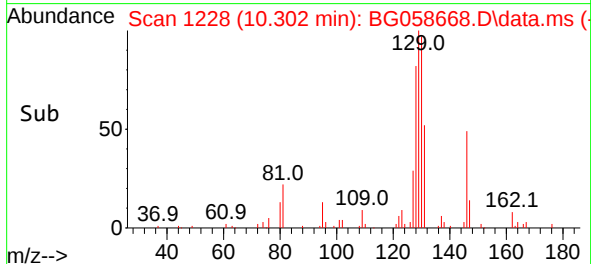
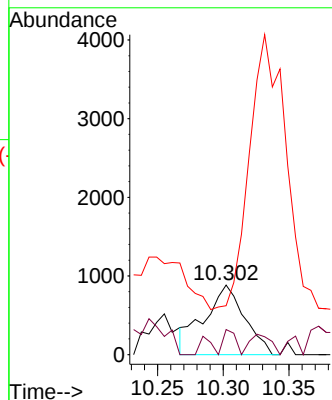
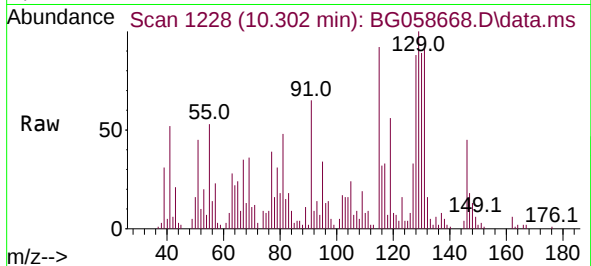
Tgt Ion:162 Resp: 1895

Ion Ratio Lower Upper

162 100

164 36.1 47.6 87.6#

98 70.4 17.1 57.1#



#31

Naphthalene

Concen: 7115.040 ng

RT: 10.766 min Scan# 1307

Delta R.T. 0.100 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

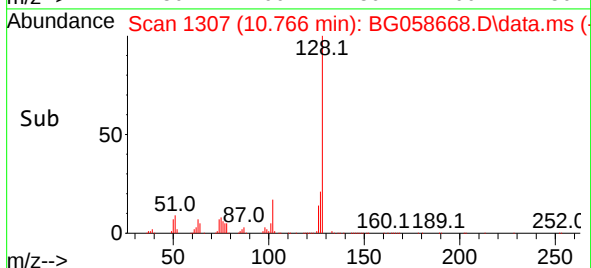
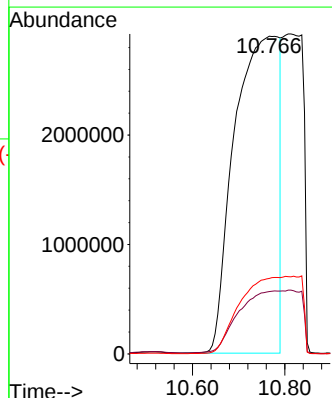
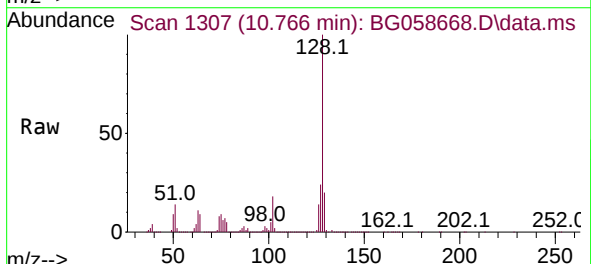
Tgt Ion:128 Resp:19368584

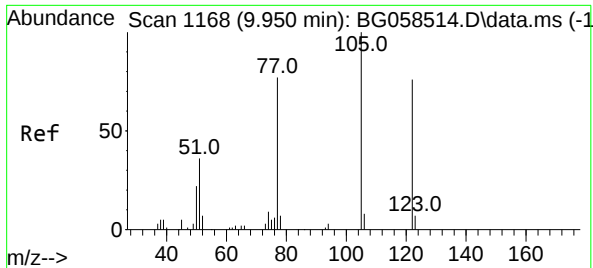
Ion Ratio Lower Upper

128 100

129 19.6 8.8 13.2#

127 23.8 10.9 16.3#

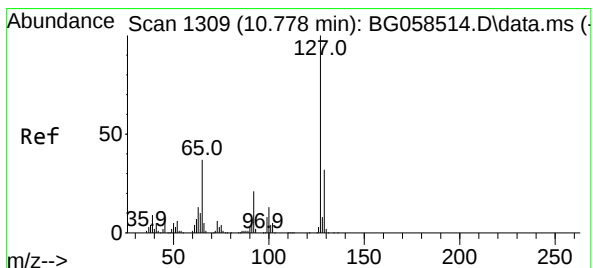
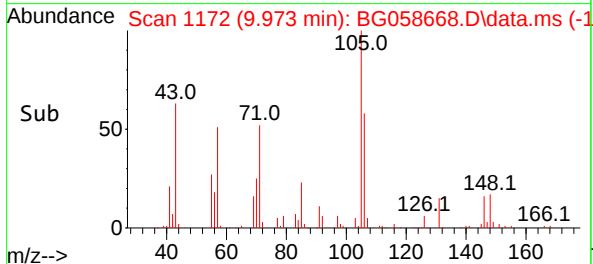
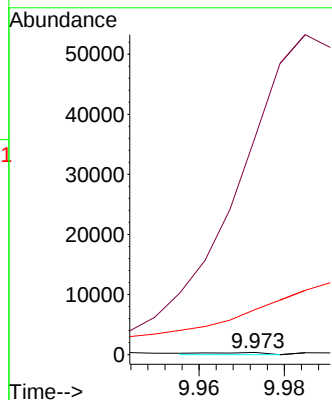
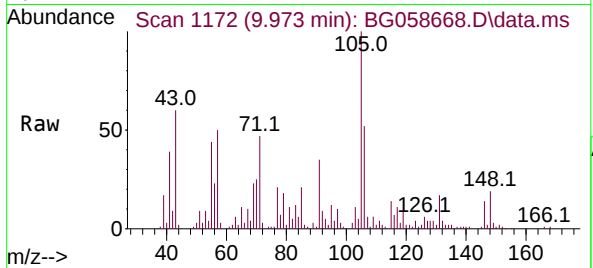




#32
Benzoic acid
Concen: 5.051 ng
RT: 9.973 min Scan# 1168
Delta R.T. 0.023 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

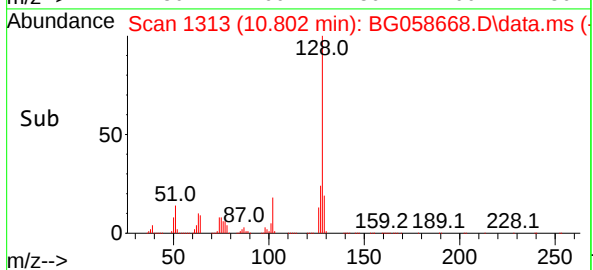
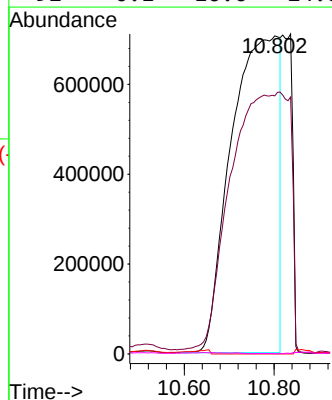
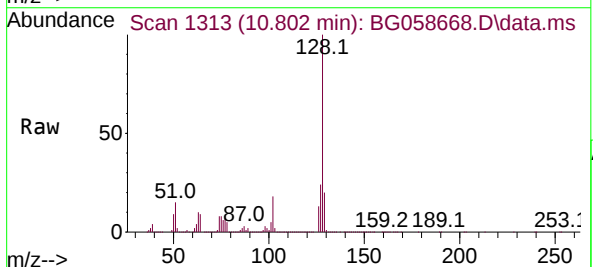
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

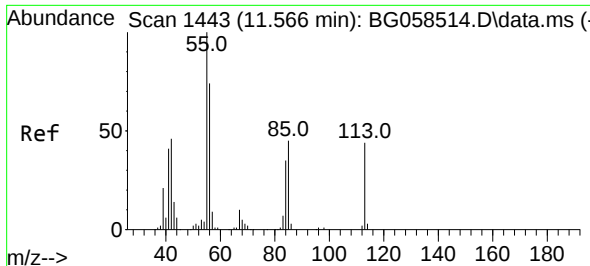
Tgt Ion:122 Resp: 318
Ion Ratio Lower Upper
122 100
105 9702.9 106.5 146.5#
77 2012.3 78.1 118.1#



#33
4-Chloroaniline
Concen: 4515.481 ng
RT: 10.802 min Scan# 1313
Delta R.T. 0.023 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:127 Resp: 5193437
Ion Ratio Lower Upper
127 100
129 81.1 25.4 38.2#
65 0.0 29.5 44.3#
92 0.1 16.6 24.8#

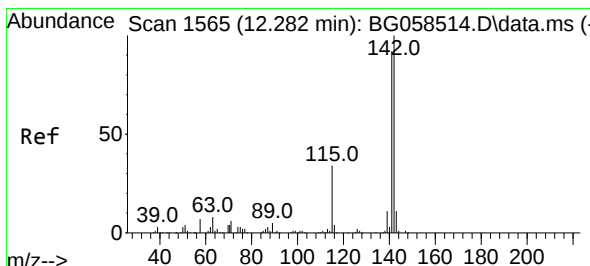
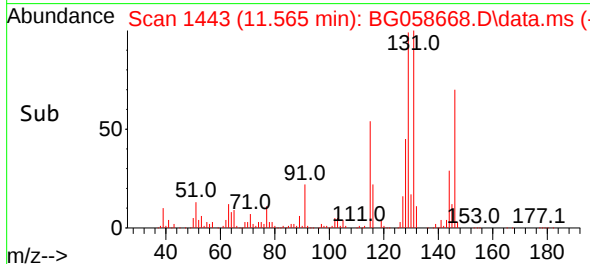
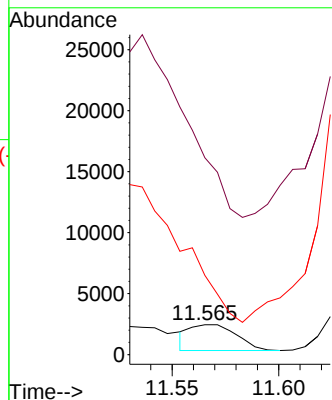
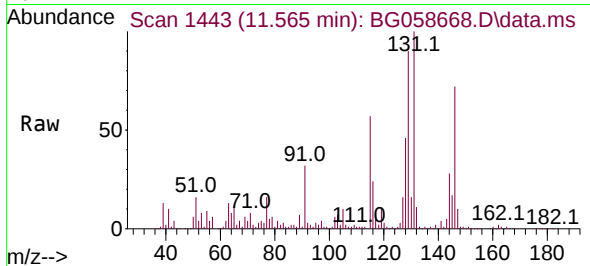




#35
Caprolactam
Concen: 10.865 ng
RT: 11.565 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

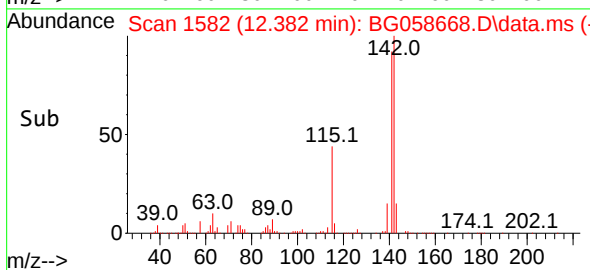
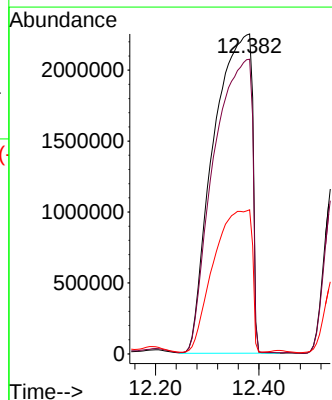
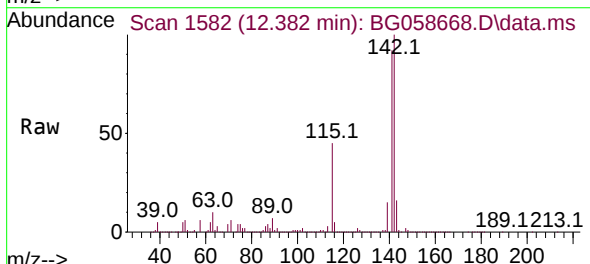
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

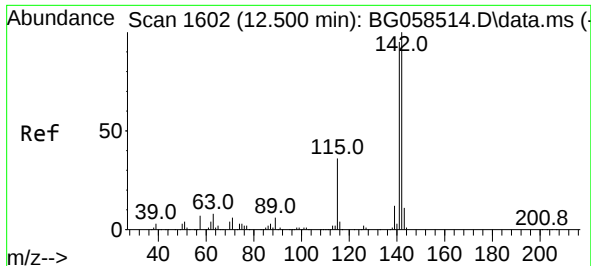
Tgt Ion:113 Resp: 3215
Ion Ratio Lower Upper
113 100
55 658.0 208.0 248.0#
56 264.8 148.6 188.6#



#37
2-Methylnaphthalene
Concen: 6007.504 ng
RT: 12.382 min Scan# 1582
Delta R.T. 0.100 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:142 Resp:11698017
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
115 45.0 27.4 41.0#

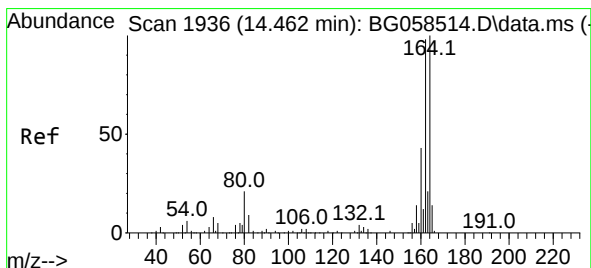
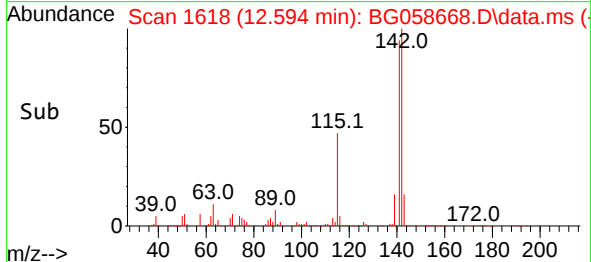
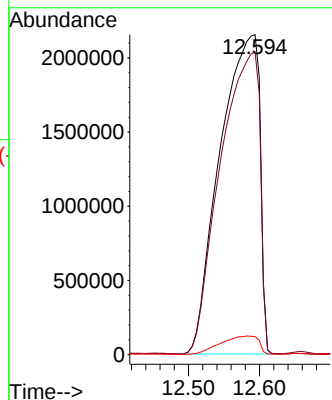
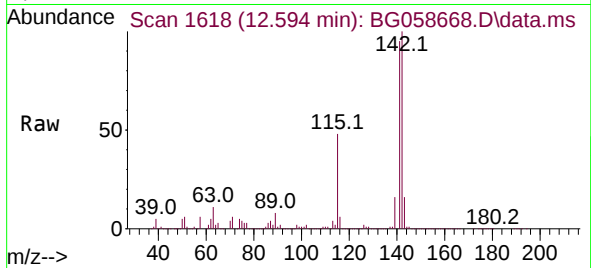




#38
1-Methylnaphthalene
Concen: 4518.802 ng
RT: 12.594 min Scan# 1618
Delta R.T. 0.094 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

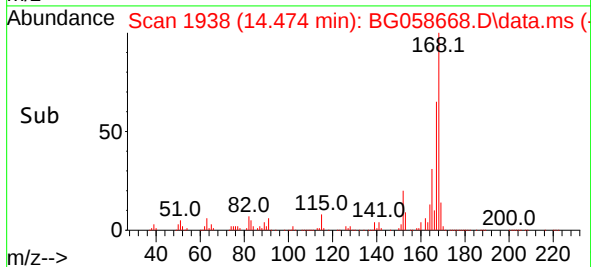
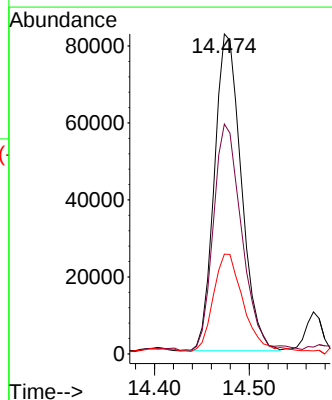
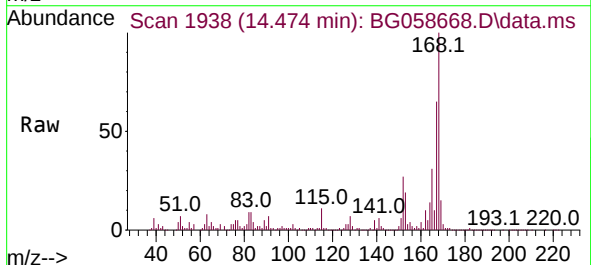
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

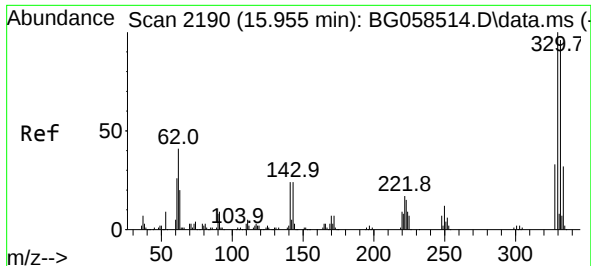
Tgt Ion:142 Resp: 8364312
Ion Ratio Lower Upper
142 100
141 94.6 75.7 113.5
116 5.6 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1938
Delta R.T. 0.011 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:164 Resp: 162569
Ion Ratio Lower Upper
164 100
162 71.8 78.3 117.5#
160 31.2 34.1 51.1#

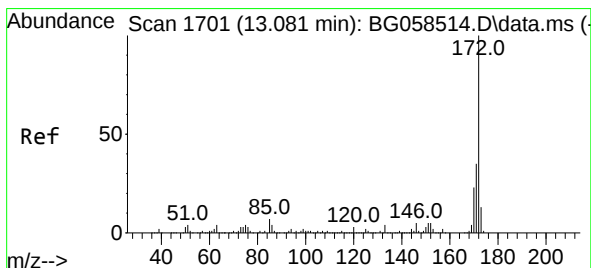
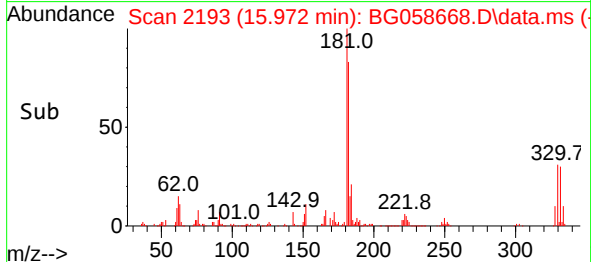
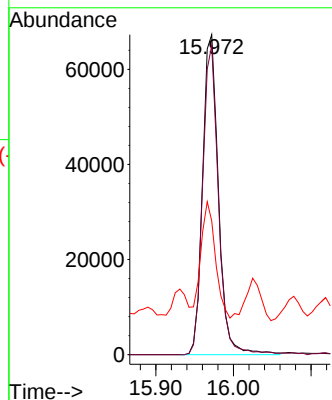
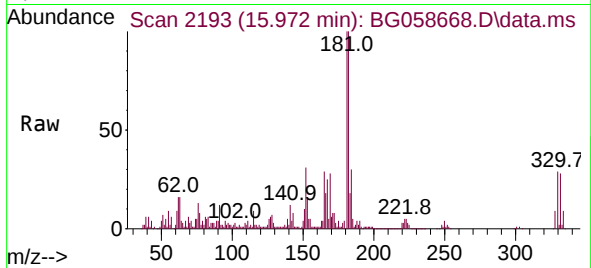




#42
2,4,6-Tribromophenol
Concen: 35.962 ng
RT: 15.972 min Scan# 2193
Delta R.T. 0.017 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

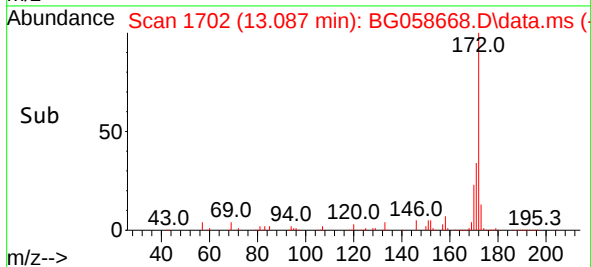
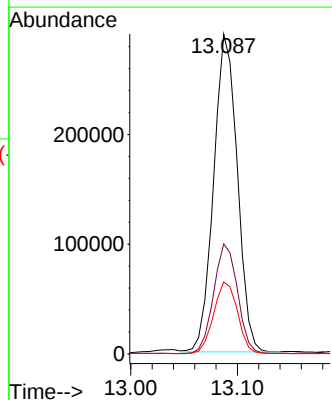
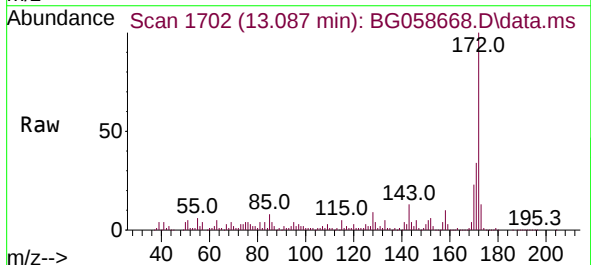
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

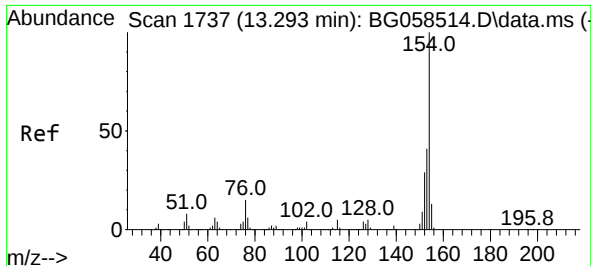
Tgt Ion:330 Resp: 95824
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 33.1 20.7 31.1#



#45
2-Fluorobiphenyl
Concen: 41.216 ng
RT: 13.087 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:172 Resp: 447116
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 22.5 18.4 27.6

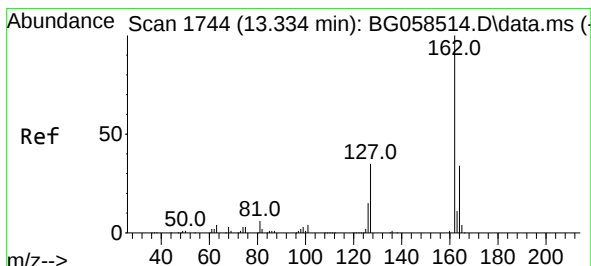
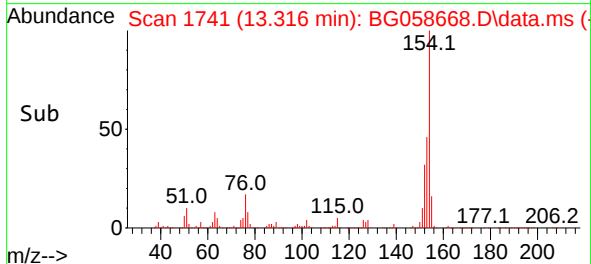
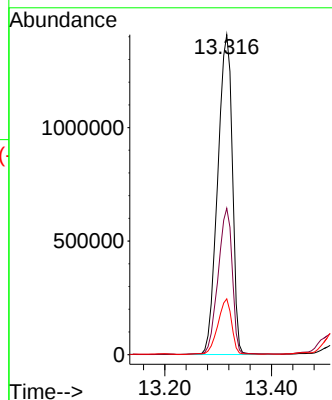
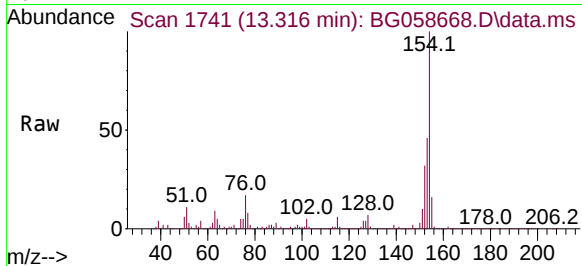




#46
1,1'-Biphenyl
Concen: 240.397 ng
RT: 13.316 min Scan# 1737
Delta R.T. 0.023 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

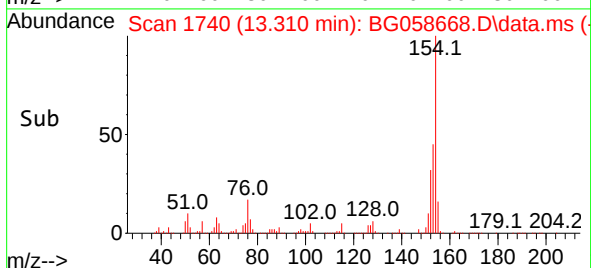
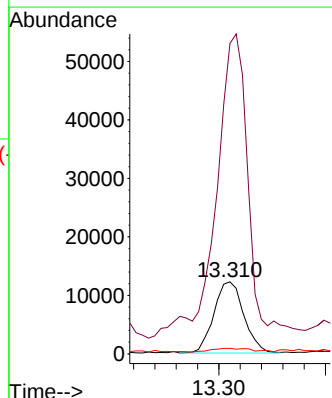
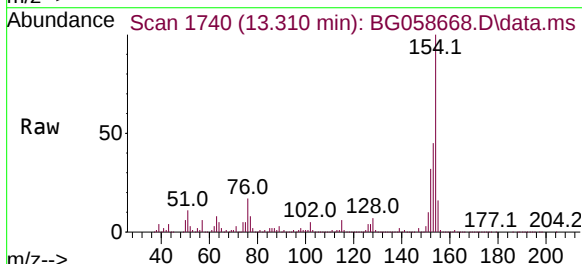
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

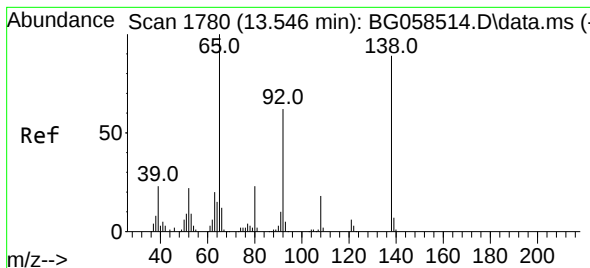
Tgt Ion:154 Resp: 2683901
Ion Ratio Lower Upper
154 100
153 45.7 21.2 61.2
76 17.4 0.0 34.7



#47
2-Chloronaphthalene
Concen: 2.719 ng
RT: 13.310 min Scan# 1740
Delta R.T. -0.024 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:162 Resp: 23670
Ion Ratio Lower Upper
162 100
127 430.6 30.9 46.3#
164 7.8 27.2 40.8#





#48

2-Nitroaniline

Concen: 25.376 ng

RT: 13.528 min Scan# 1777

Delta R.T. -0.018 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69

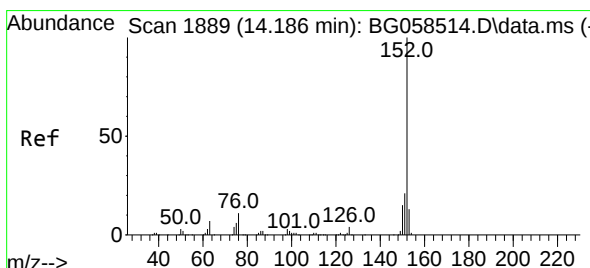
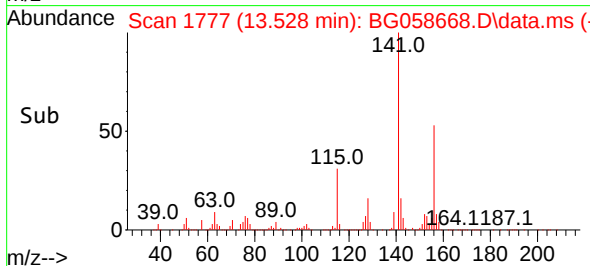
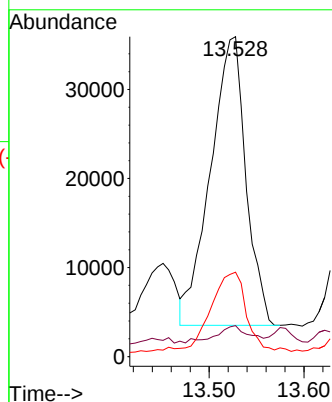
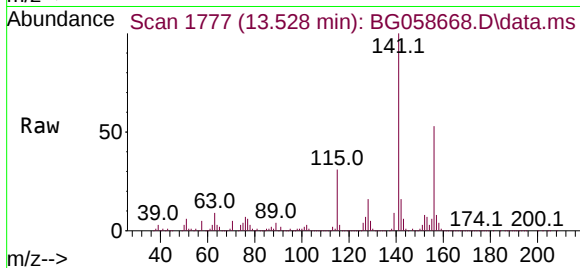
Tgt Ion: 65 Resp: 84315

Ion Ratio Lower Upper

65 100

92 9.7 49.2 73.8#

138 26.4 71.5 107.3#



#49

Acenaphthylene

Concen: 110.176 ng

RT: 14.209 min Scan# 1893

Delta R.T. 0.023 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

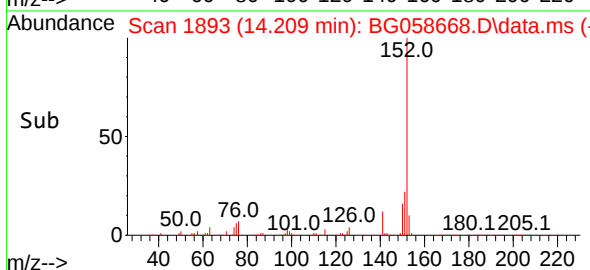
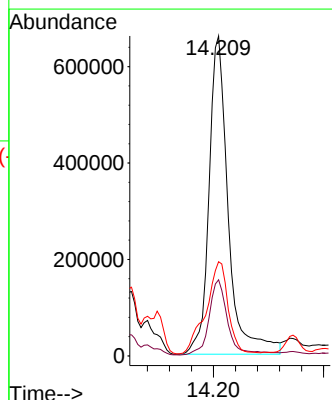
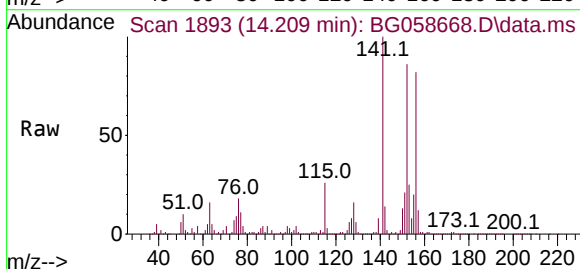
Tgt Ion:152 Resp: 1605719

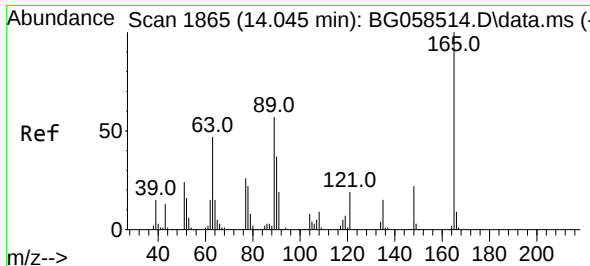
Ion Ratio Lower Upper

152 100

151 23.8 16.5 24.7

153 29.4 10.7 16.1#





#51

2,6-Dinitrotoluene

Concen: 18.417 ng

RT: 13.880 min Scan# 1865

Delta R.T. -0.165 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69

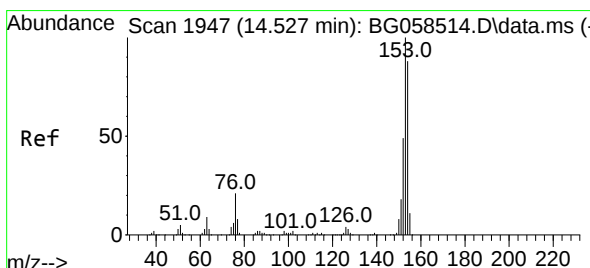
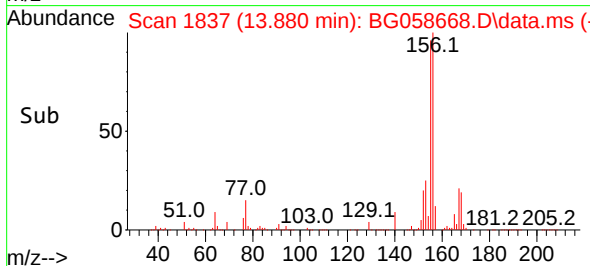
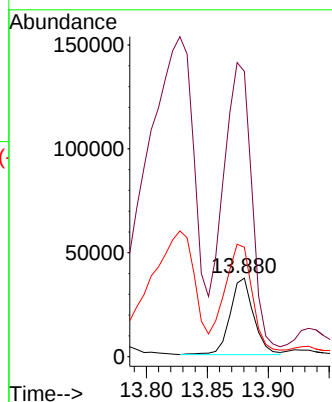
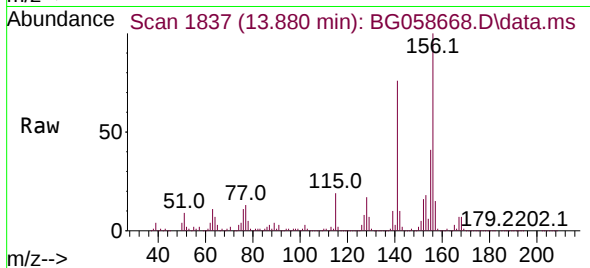
Tgt Ion:165 Resp: 49338

Ion Ratio Lower Upper

165 100

63 363.4 46.4 69.6#

89 139.5 45.3 67.9#



#52

Acenaphthene

Concen: 710.653 ng

RT: 14.591 min Scan# 1958

Delta R.T. 0.064 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

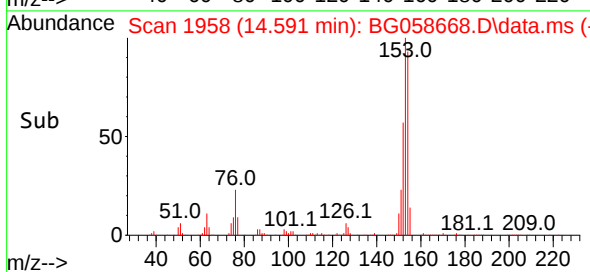
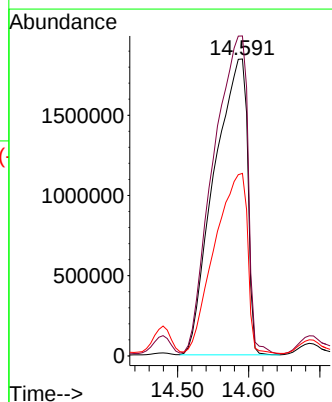
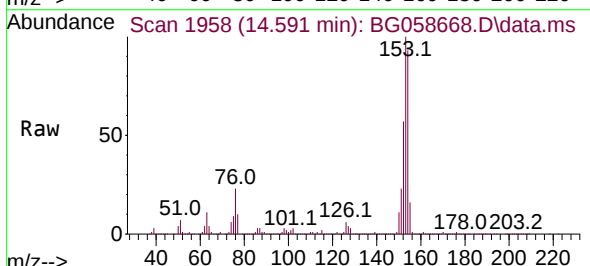
Tgt Ion:154 Resp: 5984556

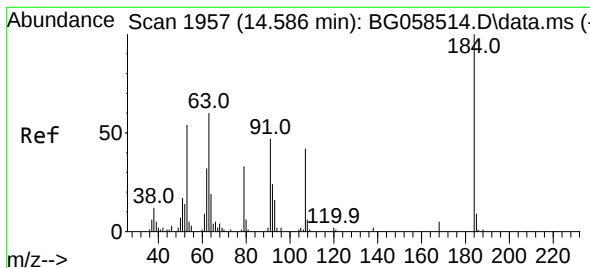
Ion Ratio Lower Upper

154 100

153 107.8 91.1 136.7

152 61.5 44.6 66.8

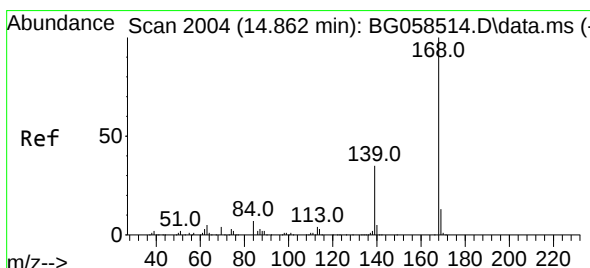
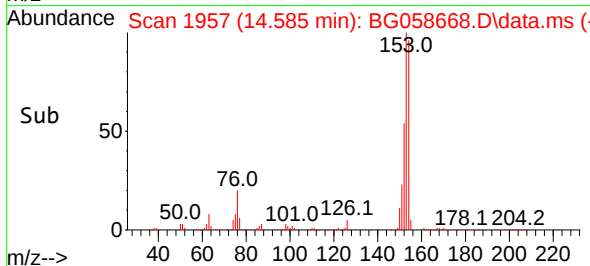
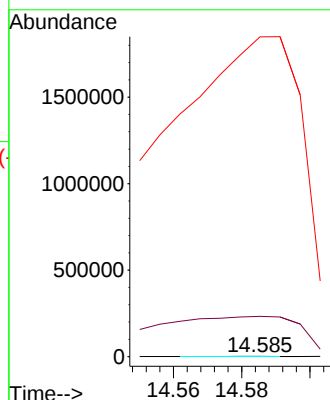
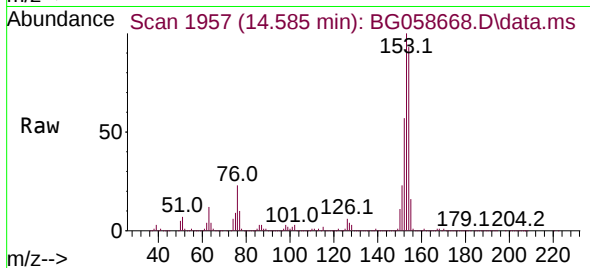




#54
2,4-Dinitrophenol
Concen: 7.807 ng
RT: 14.585 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

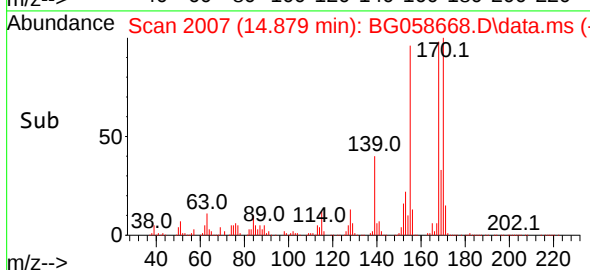
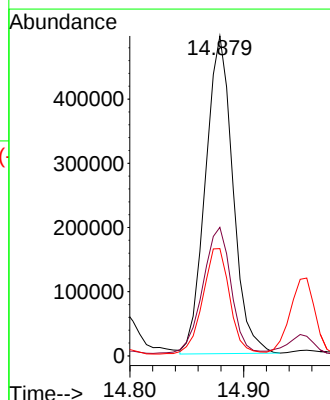
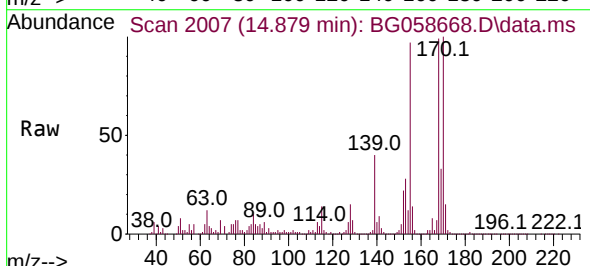
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

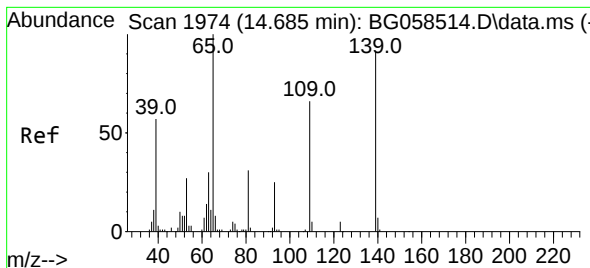
Tgt Ion:184 Resp: 538
Ion Ratio Lower Upper
184 100
63 21655.1 56.7 85.1#
154 172144.5 46.1 69.1#



#55
Dibenzofuran
Concen: 57.346 ng
RT: 14.879 min Scan# 2007
Delta R.T. 0.017 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:168 Resp: 829824
Ion Ratio Lower Upper
168 100
139 40.2 27.8 41.8
169 33.5 10.6 16.0#





#56

4-Nitrophenol

Concen: 56.722 ng

RT: 14.685 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69

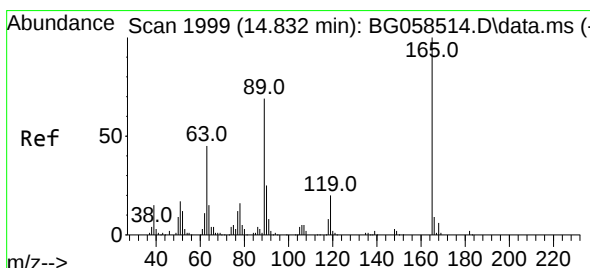
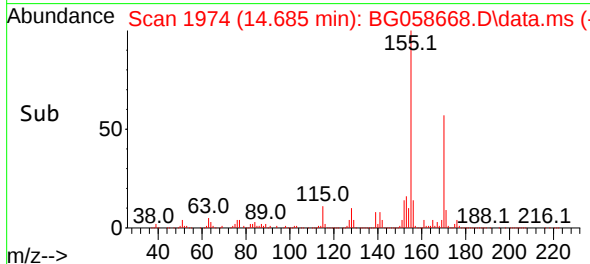
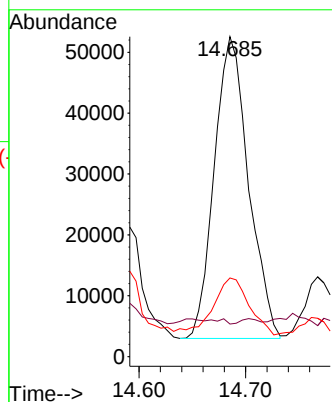
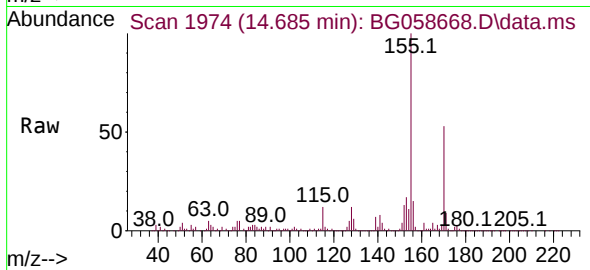
Tgt Ion:139 Resp: 110649

Ion Ratio Lower Upper

139 100

109 10.2 52.5 92.5#

65 24.6 90.5 130.5#



#57

2,4-Dinitrotoluene

Concen: 16.131 ng

RT: 14.879 min Scan# 2007

Delta R.T. 0.047 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Tgt Ion:165 Resp: 59911

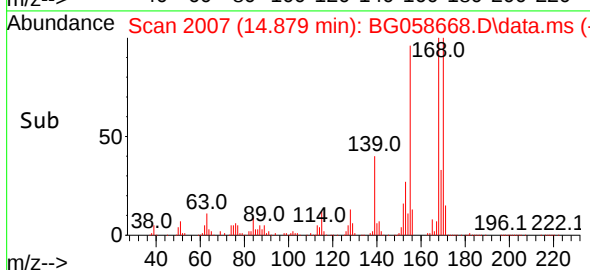
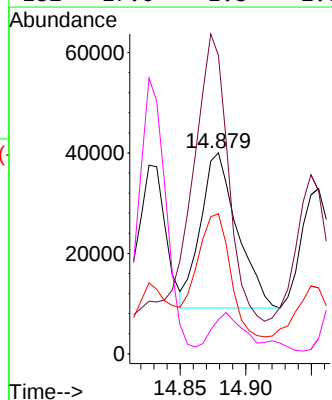
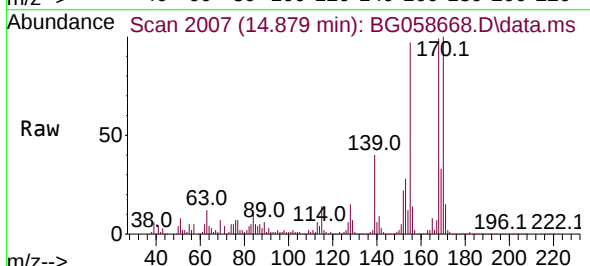
Ion Ratio Lower Upper

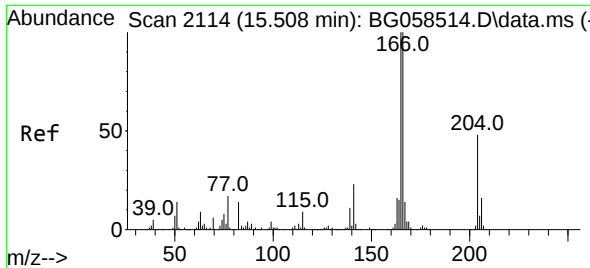
165 100

63 148.4 36.6 54.8#

89 69.7 55.4 83.0

182 17.0 1.8 2.6#

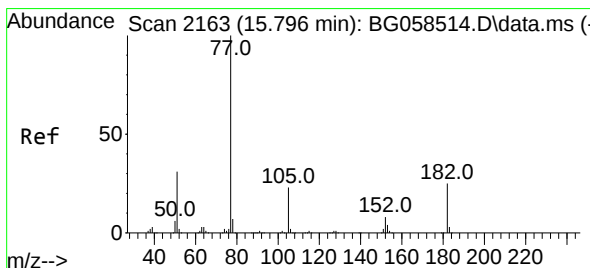
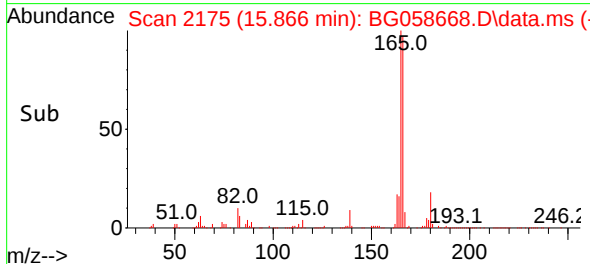
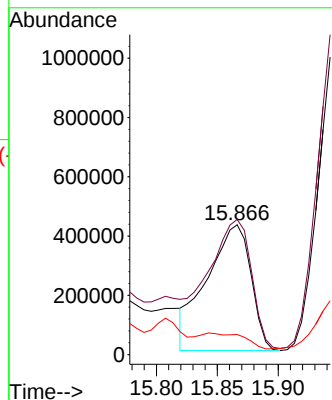
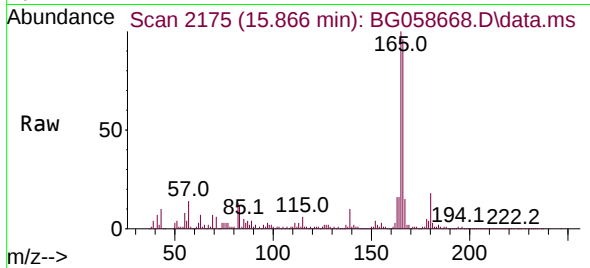




#58
Fluorene
Concen: 93.405 ng
RT: 15.866 min Scan# 2114
Delta R.T. 0.358 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

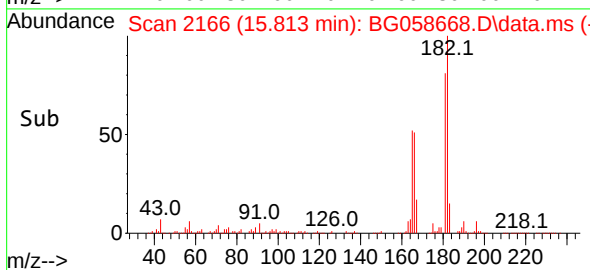
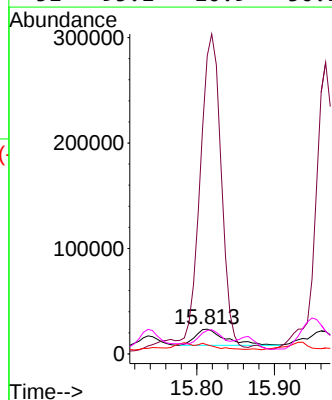
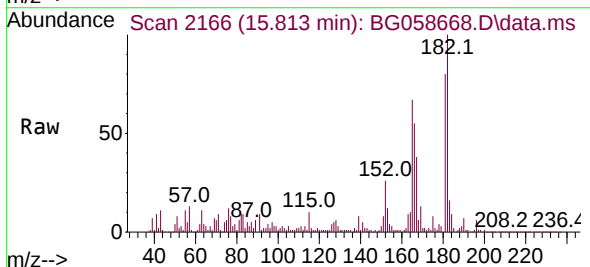
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

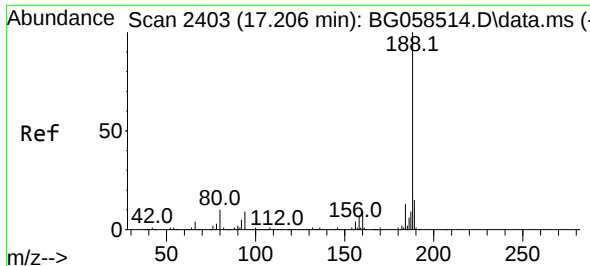
Tgt Ion:166 Resp: 1073720
Ion Ratio Lower Upper
166 100
165 104.2 80.0 120.0
167 15.5 11.3 16.9



#63
Azobenzene
Concen: 3.402 ng
RT: 15.813 min Scan# 2166
Delta R.T. 0.017 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion: 77 Resp: 41678
Ion Ratio Lower Upper
77 100
182 1208.2 4.6 44.6#
105 36.8 3.3 43.3
51 95.1 10.9 50.9#

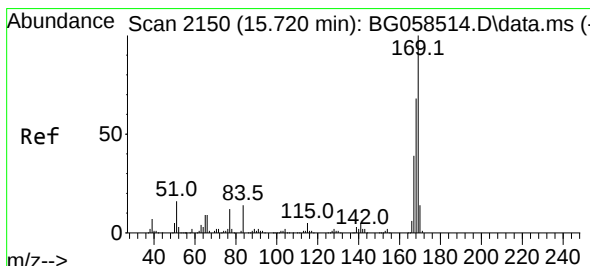
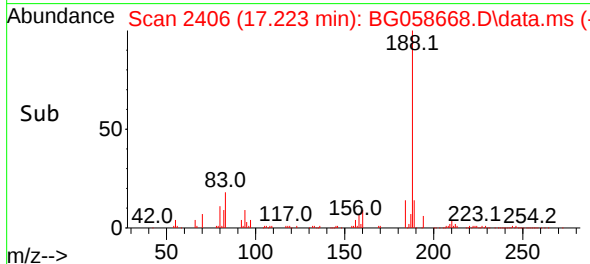
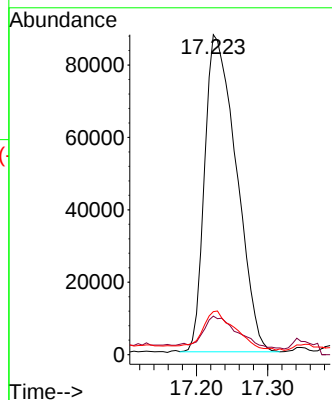
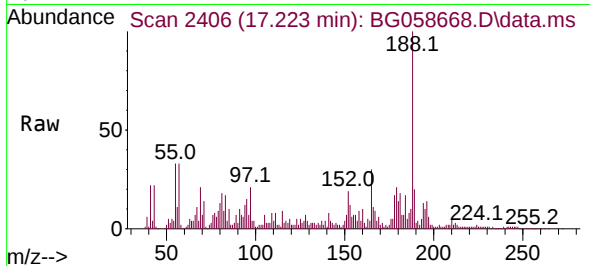




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.223 min Scan# 2406
Delta R.T. 0.017 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

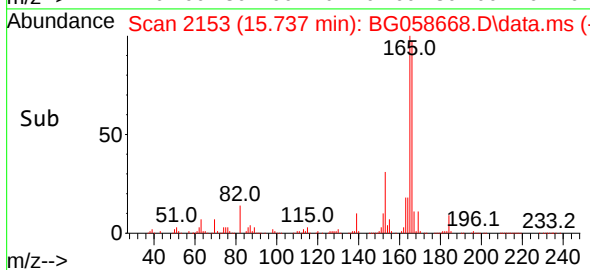
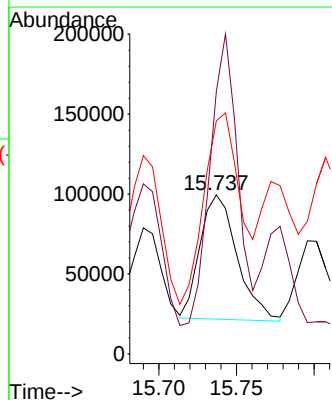
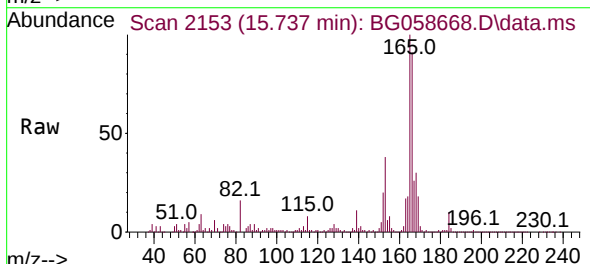
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

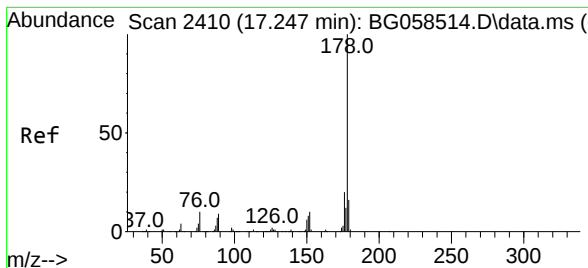
Tgt Ion:188 Resp: 270404
Ion Ratio Lower Upper
188 100
94 12.0 7.0 10.6#
80 13.4 8.1 12.1#



#66
n-Nitrosodiphenylamine
Concen: 18.397 ng
RT: 15.737 min Scan# 2153
Delta R.T. 0.017 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:169 Resp: 129478
Ion Ratio Lower Upper
169 100
168 165.1 54.6 82.0#
167 146.6 31.3 46.9#





#71

Phenanthrene

Concen: 938.207 ng

RT: 17.329 min Scan# 2410

Delta R.T. 0.082 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69

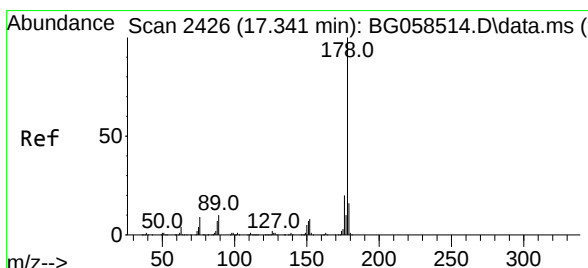
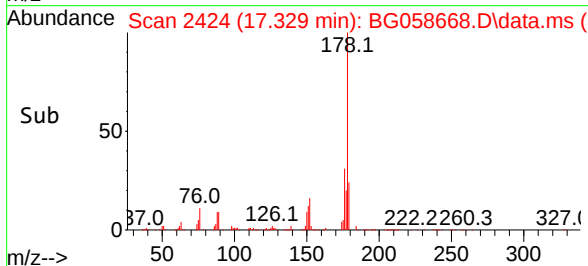
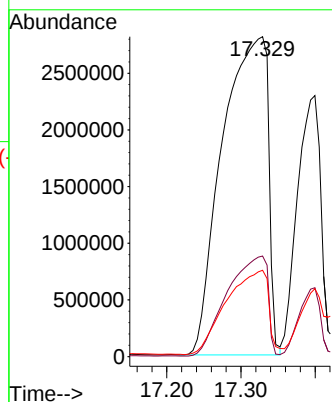
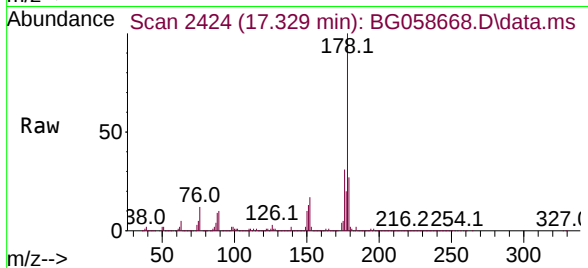
Tgt Ion:178 Resp:12031334

Ion Ratio Lower Upper

178 100

176 31.4 16.3 24.5#

179 27.0 13.1 19.7#



#72

Anthracene

Concen: 914.361 ng

RT: 17.329 min Scan# 2424

Delta R.T. -0.012 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

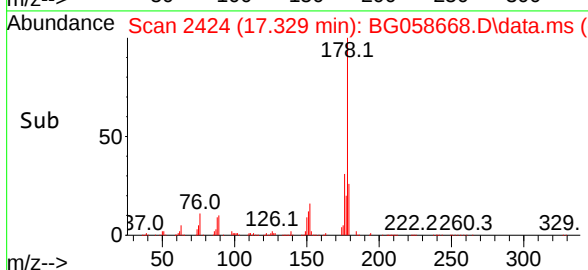
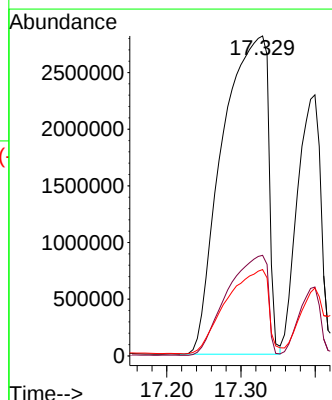
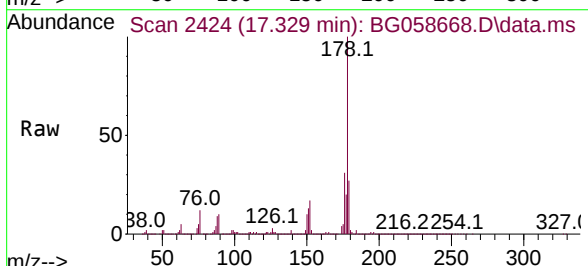
Tgt Ion:178 Resp:12031334

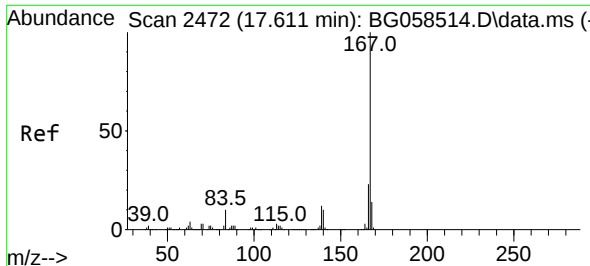
Ion Ratio Lower Upper

178 100

176 31.4 16.0 24.0#

179 27.0 12.9 19.3#

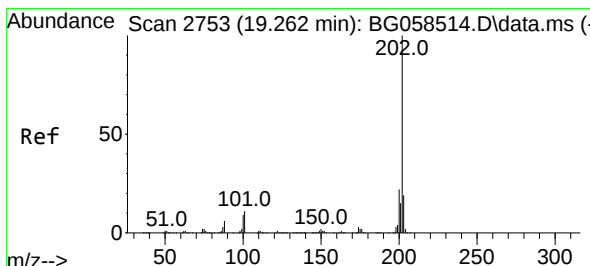
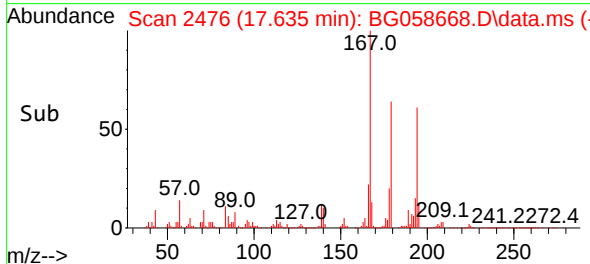
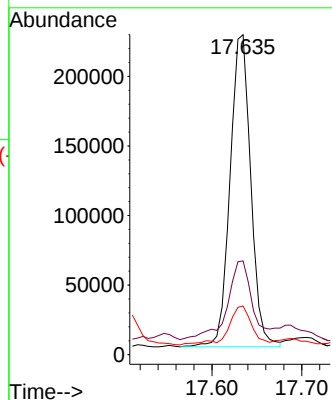
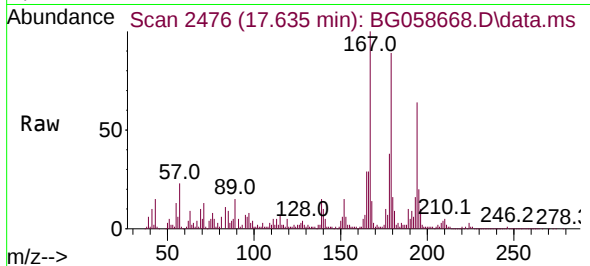




#73
 Carbazole
 Concen: 31.089 ng
 RT: 17.635 min Scan# 2472
 Delta R.T. 0.023 min
 Lab File: BG058668.D
 Acq: 9 Aug 2023 21:25

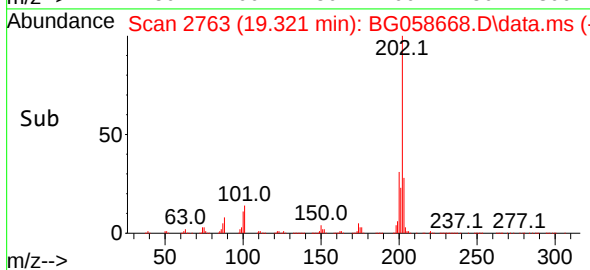
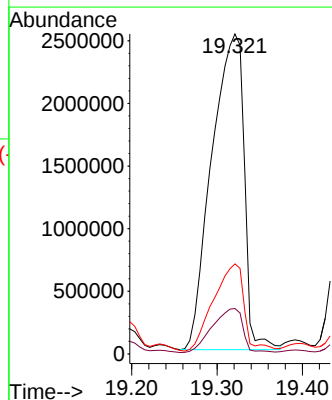
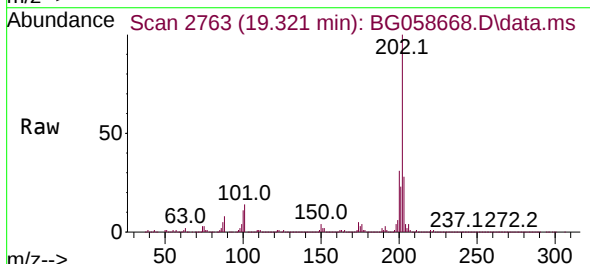
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z67-69

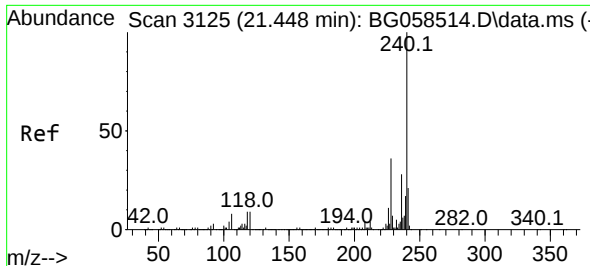
Tgt Ion:167 Resp: 360734
 Ion Ratio Lower Upper
 167 100
 166 29.3 18.4 27.6#
 139 15.2 10.0 15.0#



#75
 Fluoranthene
 Concen: 431.788 ng
 RT: 19.321 min Scan# 2763
 Delta R.T. 0.059 min
 Lab File: BG058668.D
 Acq: 9 Aug 2023 21:25

Tgt Ion:202 Resp: 6651289
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 31.4
 203 28.1 0.0 39.0

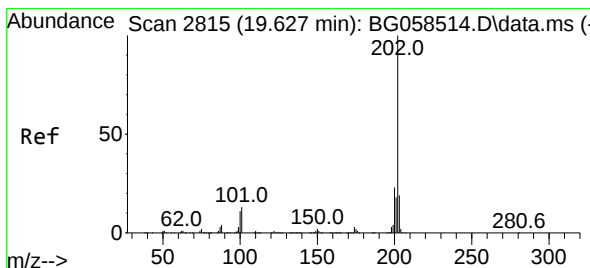
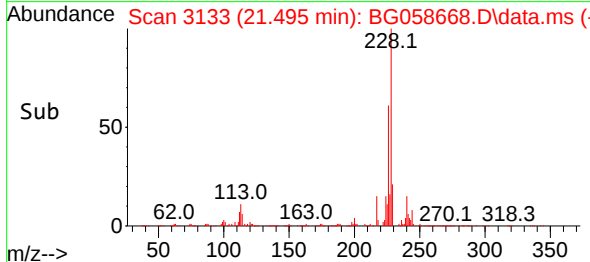
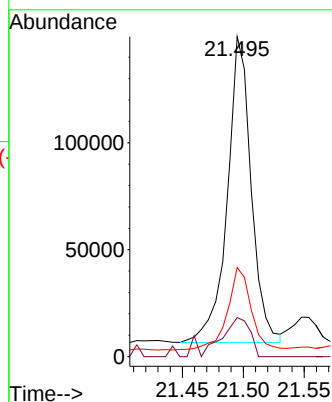
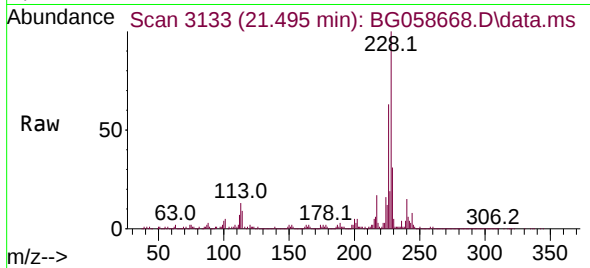




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 31
Delta R.T. 0.047 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

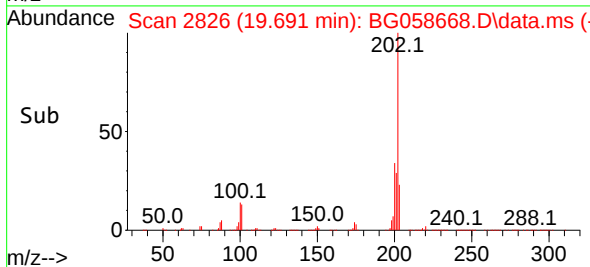
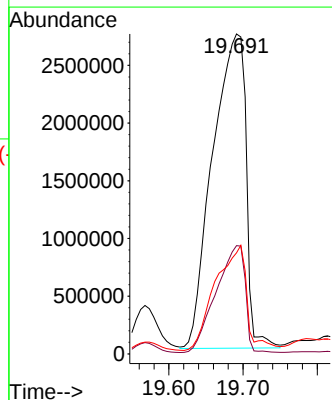
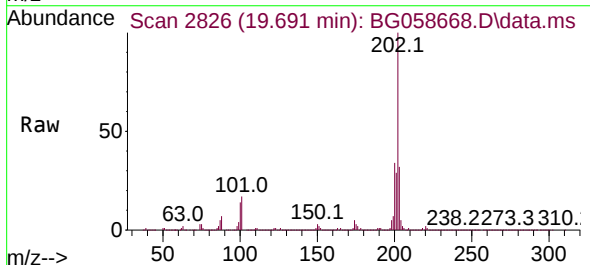
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

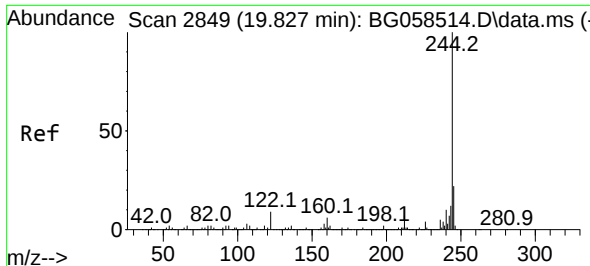
Tgt Ion:240 Resp: 194819
Ion Ratio Lower Upper
240 100
120 12.2 7.4 11.0#
236 27.8 22.2 33.4



#78
Pyrene
Concen: 644.386 ng
RT: 19.691 min Scan# 2826
Delta R.T. 0.064 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:202 Resp: 8543620
Ion Ratio Lower Upper
202 100
200 33.8 18.2 27.2#
203 31.6 15.1 22.7#





#79

Terphenyl-d14

Concen: 55.548 ng

RT: 19.844 min Scan# 21

Delta R.T. 0.017 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69

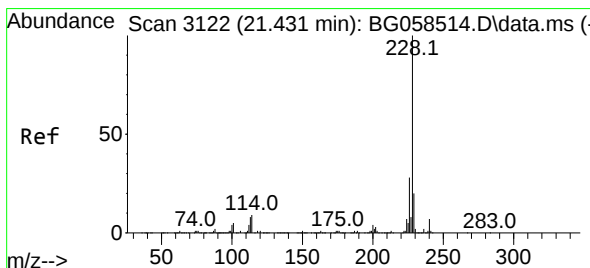
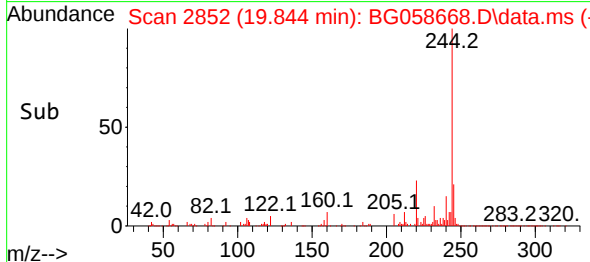
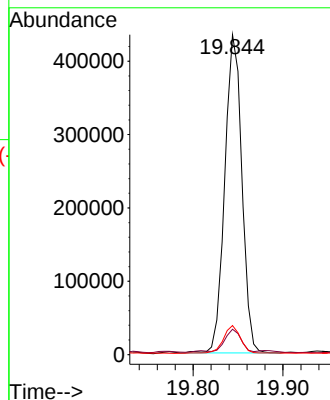
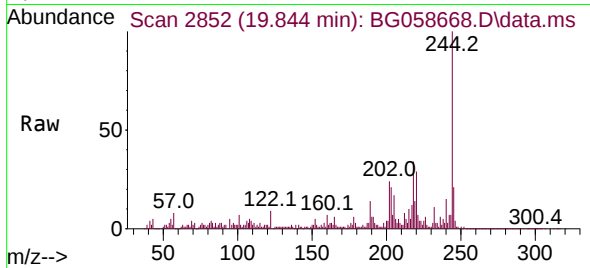
Tgt Ion:244 Resp: 575463

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 9.1 6.8 10.2



#81

Benzo(a)anthracene

Concen: 410.939 ng

RT: 21.483 min Scan# 3131

Delta R.T. 0.053 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

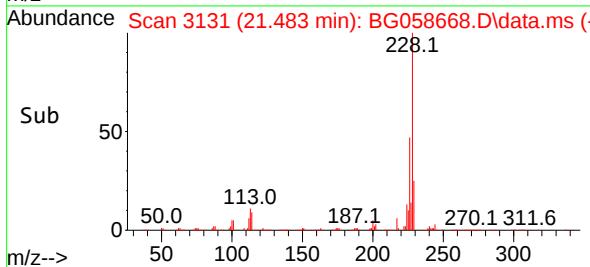
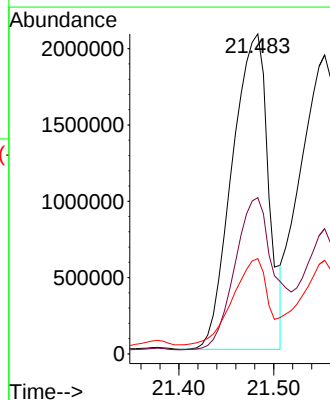
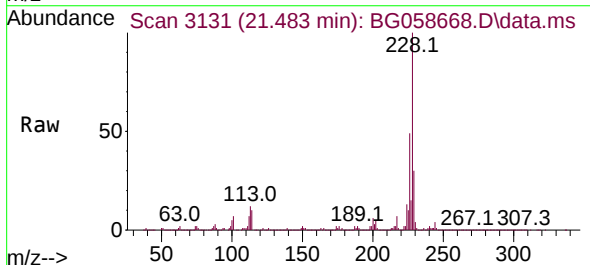
Tgt Ion:228 Resp: 5509575

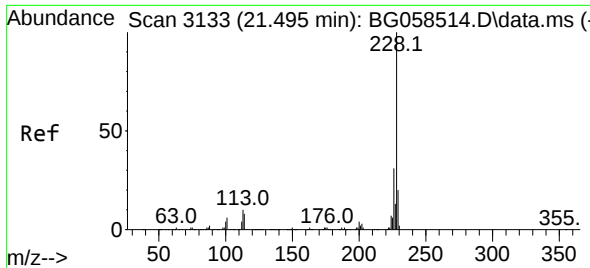
Ion Ratio Lower Upper

228 100

226 48.8 22.6 33.8#

229 29.8 16.3 24.5#





#83

Chrysene

Concen: 384.187 ng

RT: 21.554 min Scan# 31

Delta R.T. 0.059 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69

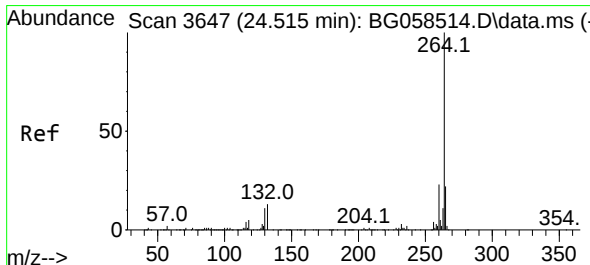
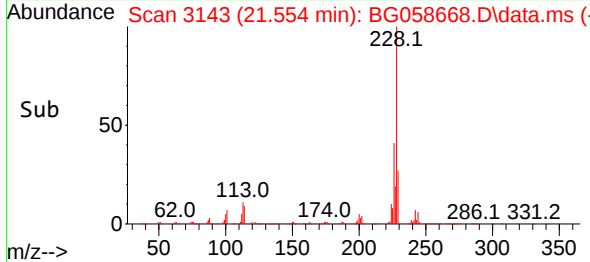
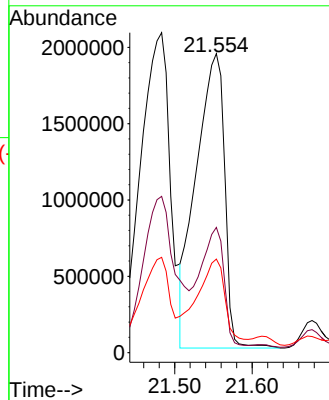
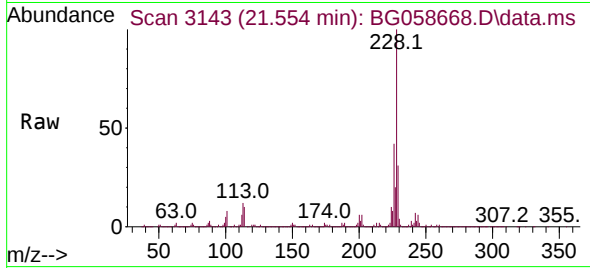
Tgt Ion:228 Resp: 4938620

Ion Ratio Lower Upper

228 100

226 41.9 25.0 37.6#

229 31.3 16.3 24.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.585 min Scan# 3659

Delta R.T. 0.070 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

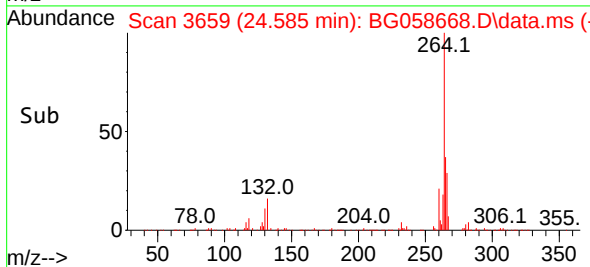
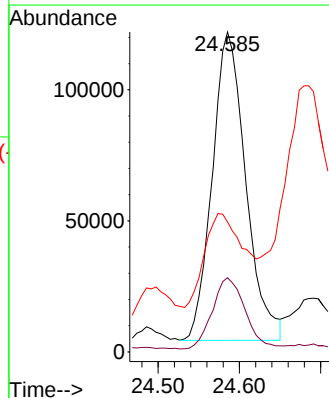
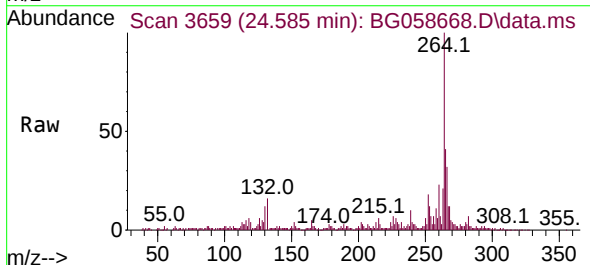
Tgt Ion:264 Resp: 336433

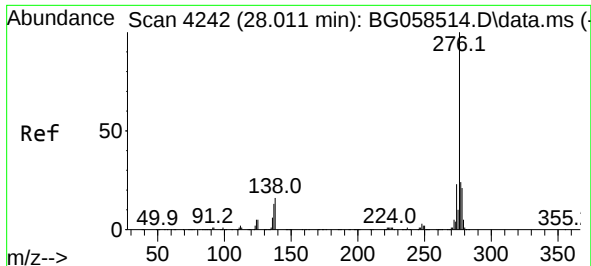
Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

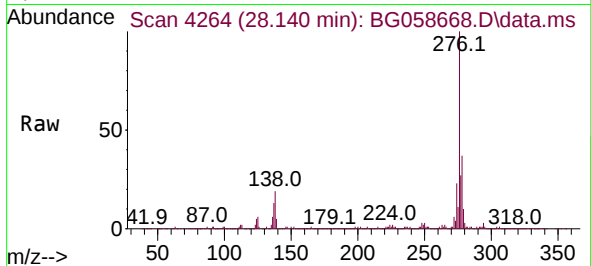
265 40.6 17.9 26.9#



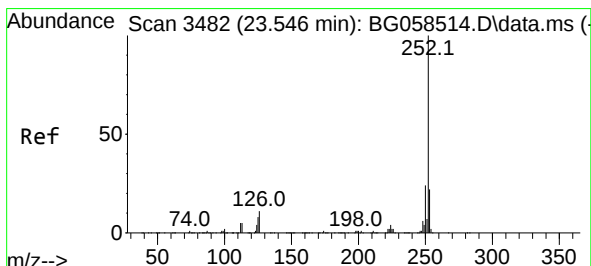
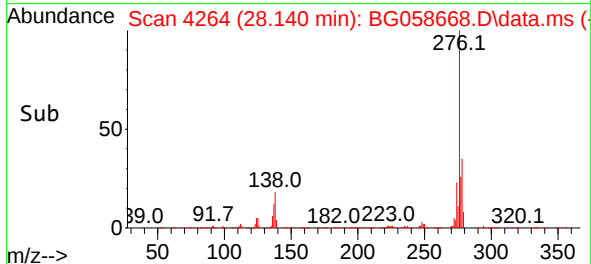
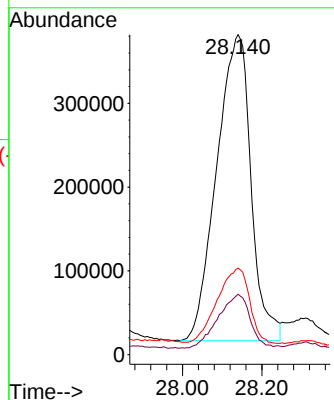


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 98.318 ng
 RT: 28.140 min Scan# 41
 Delta R.T. 0.129 min
 Lab File: BG058668.D
 Acq: 9 Aug 2023 21:25

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z67-69

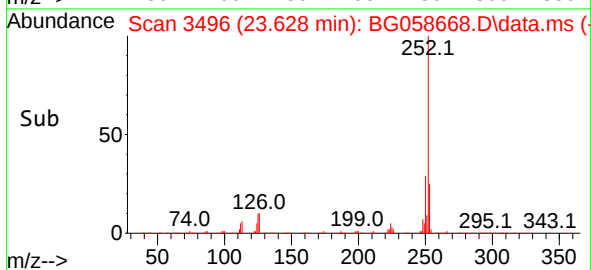
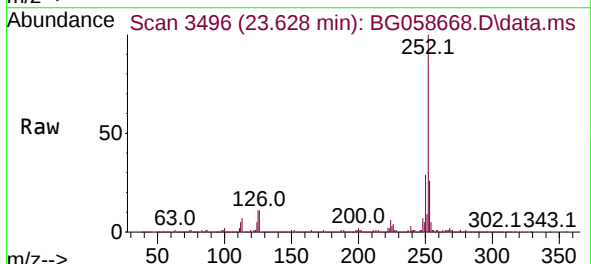
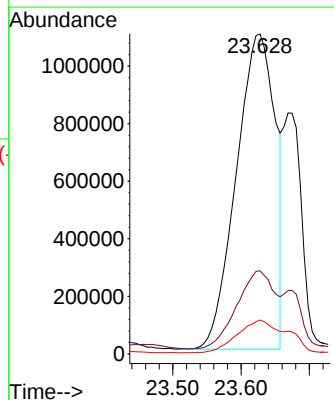


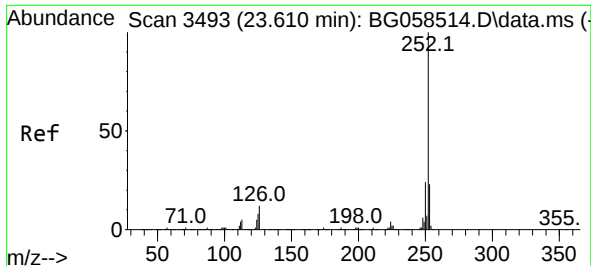
Tgt Ion:276 Resp: 2200545
 Ion Ratio Lower Upper
 276 100
 138 16.5 16.0 24.0
 277 23.0 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 238.876 ng
 RT: 23.628 min Scan# 3496
 Delta R.T. 0.082 min
 Lab File: BG058668.D
 Acq: 9 Aug 2023 21:25

Tgt Ion:252 Resp: 4358863
 Ion Ratio Lower Upper
 252 100
 253 26.0 17.8 26.8
 125 10.6 6.6 9.8#

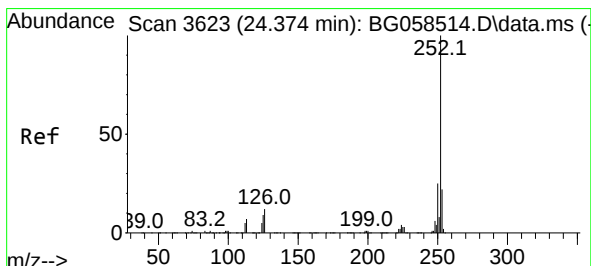
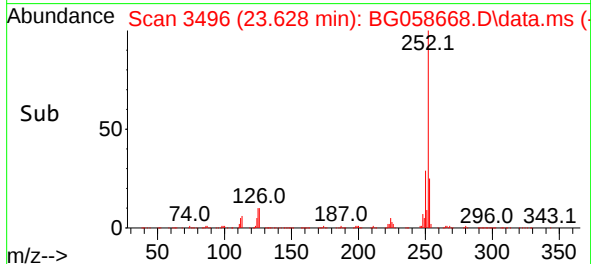
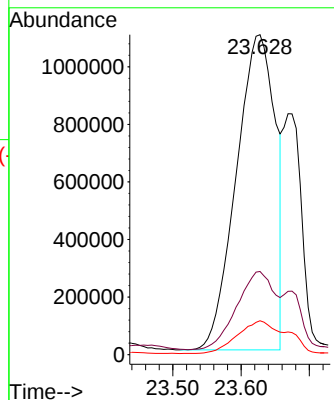
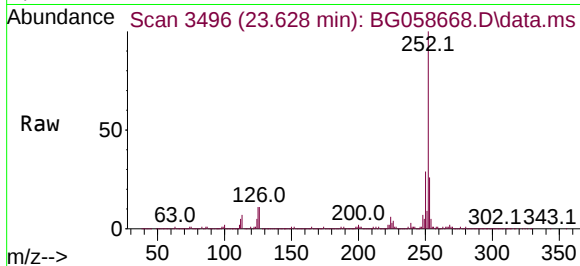




#89
Benzo(k)fluoranthene
Concen: 237.783 ng
RT: 23.628 min Scan# 3493
Delta R.T. 0.017 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

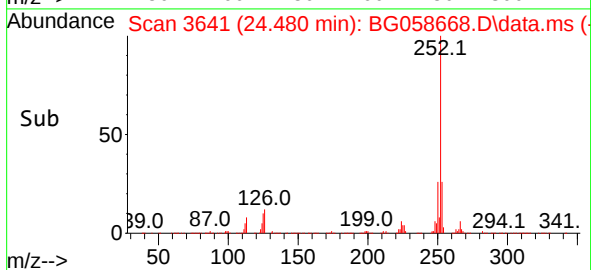
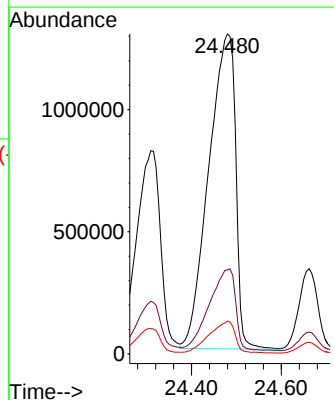
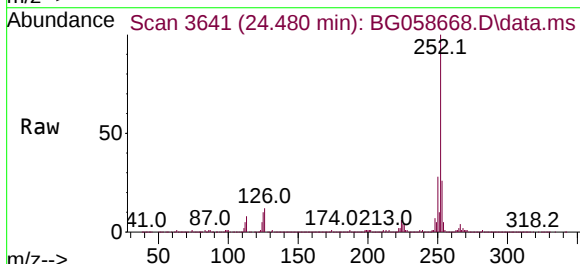
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

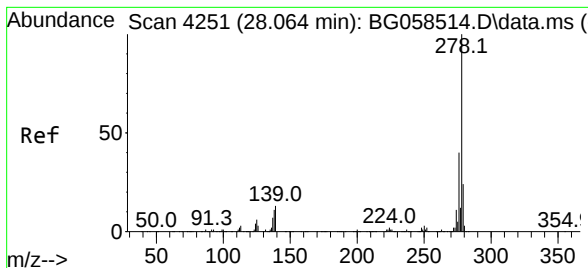
Tgt Ion:252 Resp: 4358863
Ion Ratio Lower Upper
252 100
253 26.0 17.9 26.9
125 10.6 6.6 10.0#



#90
Benzo(a)pyrene
Concen: 299.292 ng
RT: 24.480 min Scan# 3641
Delta R.T. 0.106 min
Lab File: BG058668.D
Acq: 9 Aug 2023 21:25

Tgt Ion:252 Resp: 5363343
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3#
125 10.2 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 37.376 ng

RT: 28.557 min Scan# 4431

Delta R.T. 0.493 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69

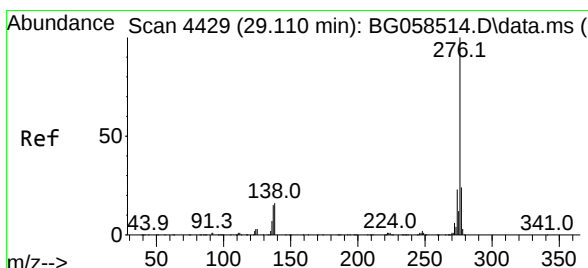
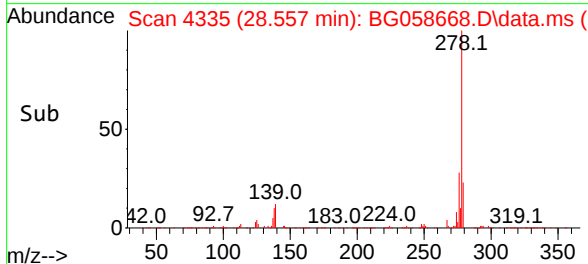
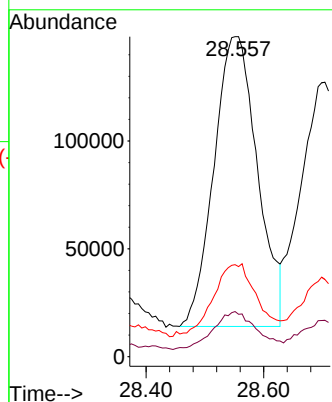
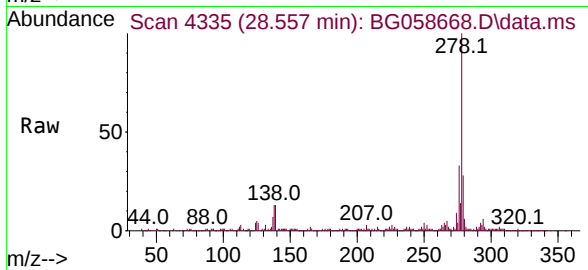
Tgt Ion:278 Resp: 691698

Ion Ratio Lower Upper

278 100

139 13.2 10.4 15.6

279 28.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 129.901 ng

RT: 29.251 min Scan# 4453

Delta R.T. 0.141 min

Lab File: BG058668.D

Acq: 9 Aug 2023 21:25

Tgt Ion:276 Resp: 2410649

Ion Ratio Lower Upper

276 100

277 25.3 18.9 28.3

138 18.0 13.0 19.4

