

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058669.D
 Acq On : 9 Aug 2023 22:06
 Operator : MA/JU
 Sample : 03932-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32

Quant Time: Aug 10 02:57:12 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	7.819	152	52354	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	58963	20.000	ng	# 0.04
39) Acenaphthene-d10	14.488	164	145202	20.000	ng	# 0.03
64) Phenanthrene-d10	17.232	188	221367	20.000	ng	# 0.03
76) Chrysene-d12	21.503	240	175423	20.000	ng	# 0.06
86) Perylene-d12	24.594	264	300003	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	264484	77.215	ng	0.00
7) Phenol-d6	6.991	99	351872	73.826	ng	0.00
23) Nitrobenzene-d5	8.989	82	249845	208.159	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	109379	45.958	ng	0.03
45) 2-Fluorobiphenyl	13.096	172	444014	45.826	ng	0.01
79) Terphenyl-d14	19.852	244	595306	63.817	ng	0.03
Target Compounds						
						Qvalue
9) Benzaldehyde	6.962	77	138523	53.494	ng	# 1
15) Benzyl Alcohol	8.131	79	9931	3.286	ng	# 60
18) Hexachloroethane	8.883	117	26692	20.383	ng	# 1
19) n-Nitroso-di-n-propyla...	8.577	70	23646	7.681	ng	# 62
22) Acetophenone	8.619	105	181866	115.193	ng	# 57
24) Nitrobenzene	9.094	77	45679	37.435	ng	# 18
25) Isophorone	9.541	82	56762	22.888	ng	# 1
26) 2-Nitrophenol	9.747	139	4864	9.157	ng	# 1
27) 2,4-Dimethylphenol	9.835	122	3286	3.730	ng	# 1
28) bis(2-Chloroethoxy)met...	10.040	93	18254	13.525	ng	# 1
29) 2,4-Dichlorophenol	10.258	162	2056	2.248	ng	# 1
31) Naphthalene	10.775	128	19637540	6319.008	ng	# 76
32) Benzoic acid	9.982	122	220	4.858	ng	# 1
33) 4-Chloroaniline	10.781	127	4205629	3203.040	ng	# 32
35) Caprolactam	11.656	113	97188	287.700	ng	# 1
36) 4-Chloro-3-methylphenol	11.921	107	5047	4.460	ng	# 1
37) 2-Methylnaphthalene	12.385	142	11146605	5014.259	ng	# 95
38) 1-Methylnaphthalene	12.602	142	8169417	3866.041	ng	# 99
46) 1,1'-Biphenyl	13.325	154	2528808	253.596	ng	# 93
47) 2-Chloronaphthalene	13.319	162	37111	4.773	ng	# 1
48) 2-Nitroaniline	13.536	65	96670	32.574	ng	# 36
49) Acenaphthylene	14.218	152	1189264	91.361	ng	# 79
51) 2,6-Dinitrotoluene	14.183	165	11565	4.833	ng	# 40
52) Acenaphthene	14.606	154	6209030	825.495	ng	# 94
54) 2,4-Dinitrophenol	14.647	184	1661	8.601	ng	# 1
55) Dibenzofuran	14.894	168	792808	61.341	ng	# 73
56) 4-Nitrophenol	14.706	139	161692	90.687	ng	# 37
57) 2,4-Dinitrotoluene	14.841	165	43697	13.173	ng	# 59
58) Fluorene	15.563	166	4148412	404.041	ng	# 99
63) Azobenzene	15.822	77	47022	4.297	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.581	198	2510	2.056	ng	# 1
66) n-Nitrosodiphenylamine	15.751	169	161659	28.058	ng	# 1
69) Atrazine	16.639	200	6217	3.196	ng	# 1
71) Phenanthrene	17.344	178	12002512	1143.292	ng	# 77
72) Anthracene	17.344	178	12002512	1114.234	ng	# 76
73) Carbazole	17.637	167	295856	31.146	ng	# 82

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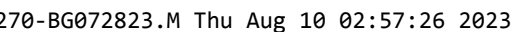
Quant Time: Aug 10 02:57:12 2023
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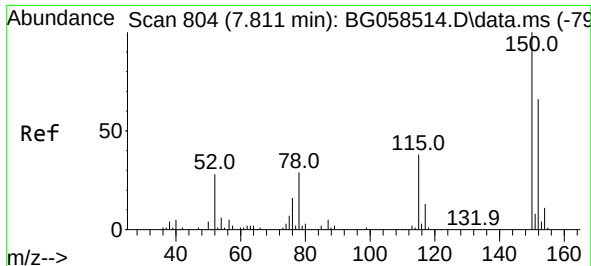
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) Fluoranthene	19.329	202	6338632	502.644	ng	86
78) Pyrene	19.706	202	8726055	730.915	ng	# 73
81) Benzo(a)anthracene	21.486	228	4881387	404.341	ng	# 74
82) 3,3'-Dichlorobenzidine	21.527	252	105645	25.882	ng	# 7
83) Chrysene	21.556	228	4201778	363.006	ng	# 82
87) Indeno(1,2,3-cd)pyrene	28.149	276	2091610	104.799	ng	93
88) Benzo(b)fluoranthene	23.630	252	4214393	259.005	ng	# 93
89) Benzo(k)fluoranthene	23.630	252	4214393	257.819	ng	# 94
90) Benzo(a)pyrene	24.494	252	5357774	335.287	ng	# 93
91) Dibenzo(a,h)anthracene	28.566	278	621611	37.667	ng	94
92) Benzo(g,h,i)perylene	29.259	276	2246628	135.763	ng	96

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

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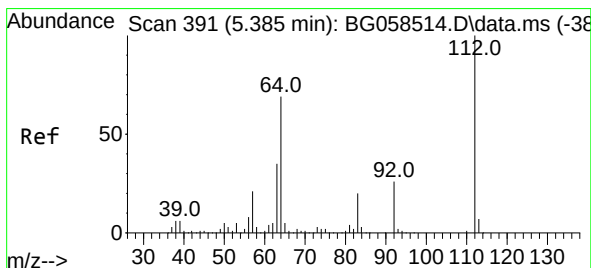
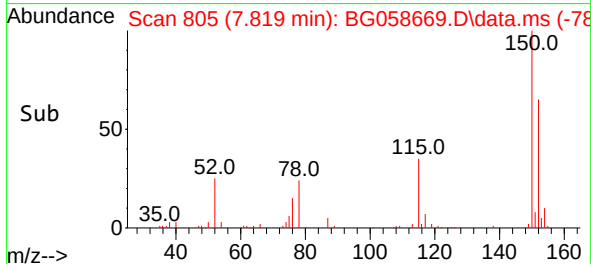
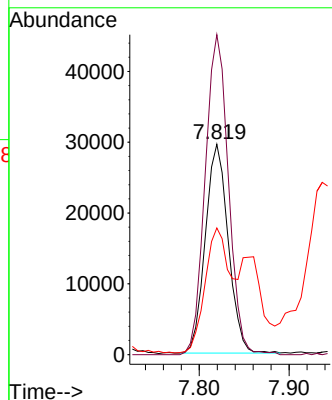
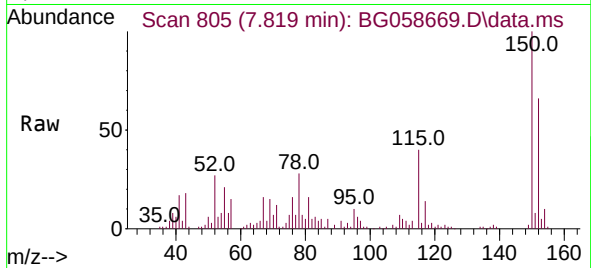




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 804
Delta R.T. 0.008 min
Lab File: BG058669.D
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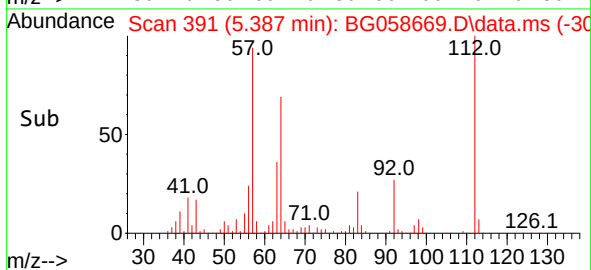
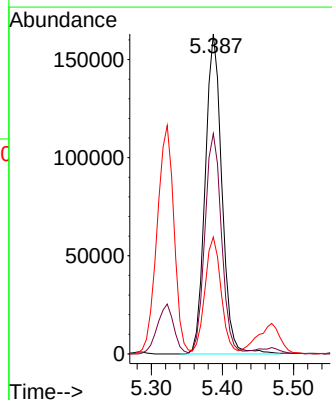
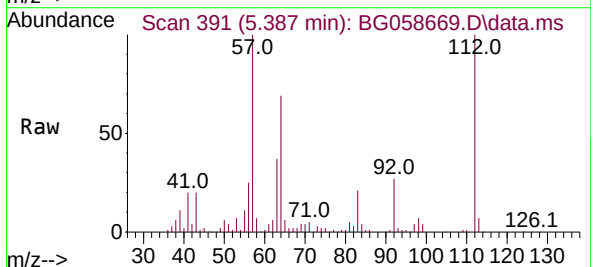
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NEVINS-SB-01-Z30-32

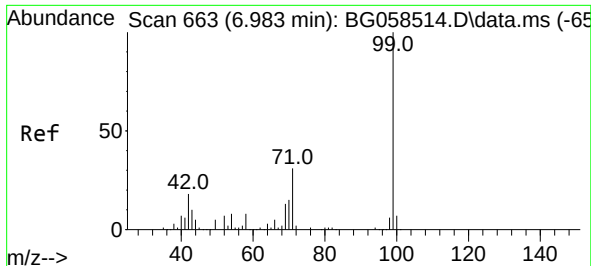
Tgt Ion:152 Resp: 52354
Ion Ratio Lower Upper
152 100
150 152.1 120.5 180.7
115 60.2 45.9 68.9



#5
2-Fluorophenol
Concen: 77.215 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:112 Resp: 264484
Ion Ratio Lower Upper
112 100
64 68.8 55.3 82.9
63 36.5 28.3 42.5





#7

Phenol-d6

Concen: 73.826 ng

RT: 6.991 min Scan# 60

Delta R.T. 0.008 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32

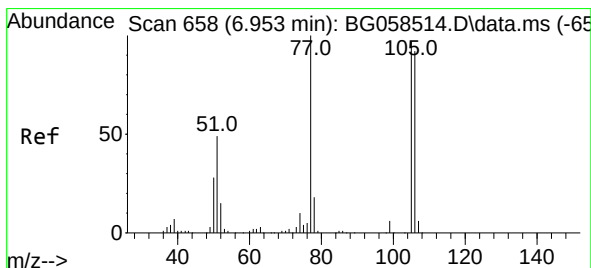
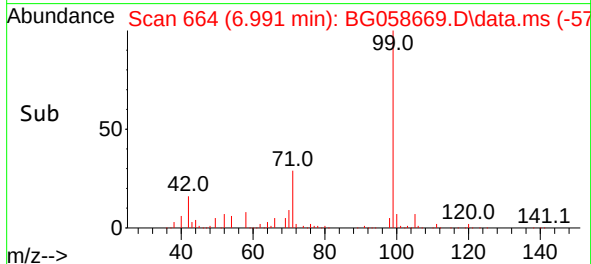
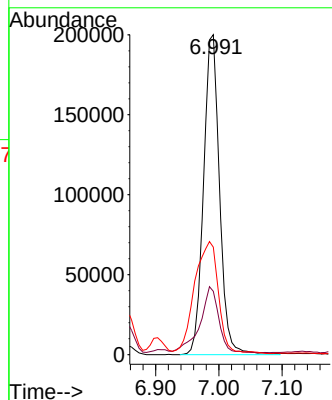
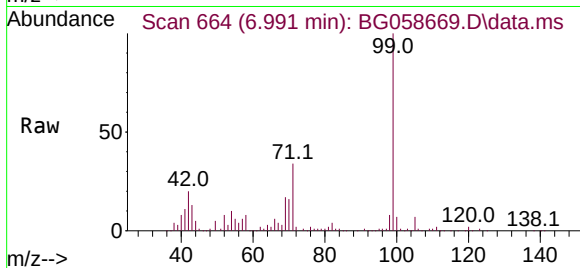
Tgt Ion: 99 Resp: 351872

Ion Ratio Lower Upper

99 100

42 19.8 14.6 21.8

71 33.6 25.0 37.4



#9

Benzaldehyde

Concen: 53.494 ng

RT: 6.962 min Scan# 659

Delta R.T. 0.009 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

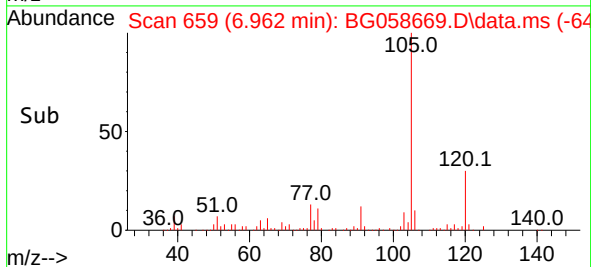
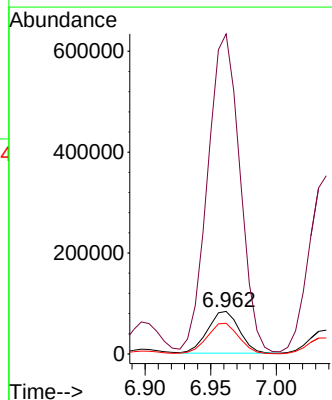
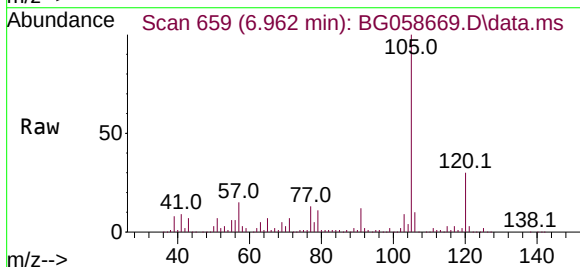
Tgt Ion: 77 Resp: 138523

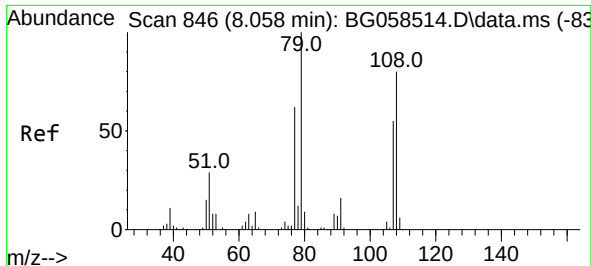
Ion Ratio Lower Upper

77 100

105 752.8 77.1 117.1#

106 72.1 71.6 111.6

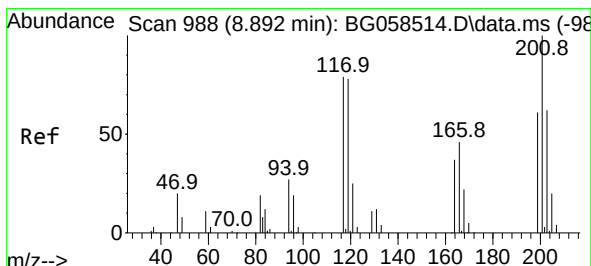
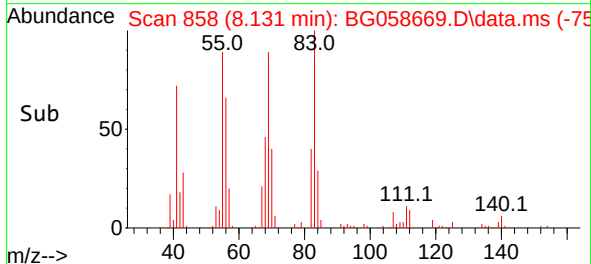
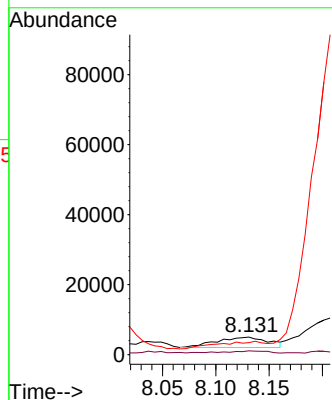
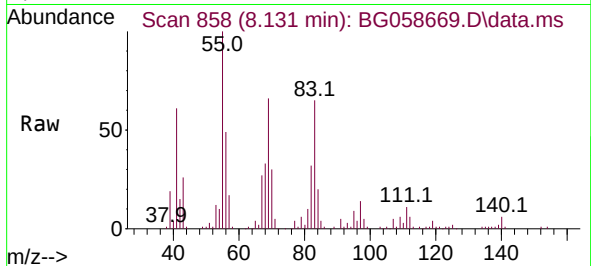




#15
Benzyl Alcohol
Concen: 3.286 ng
RT: 8.131 min Scan# 81
Delta R.T. 0.073 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

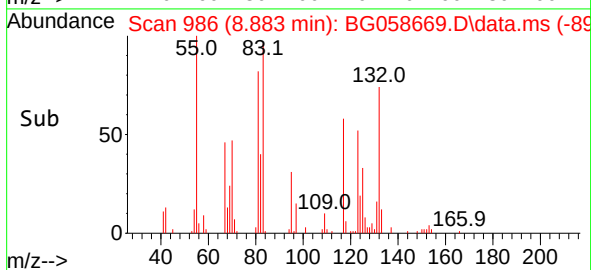
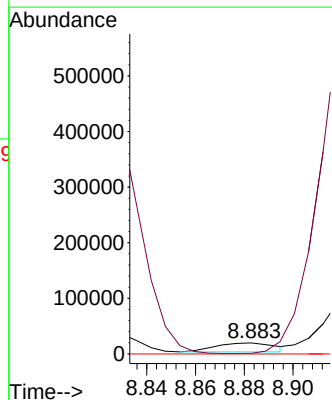
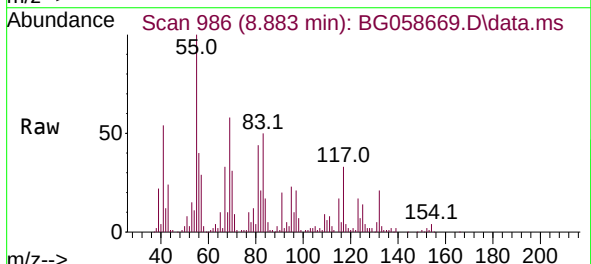
Instrument :
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ClientSampleId :
NEVINS-SB-01-Z30-32

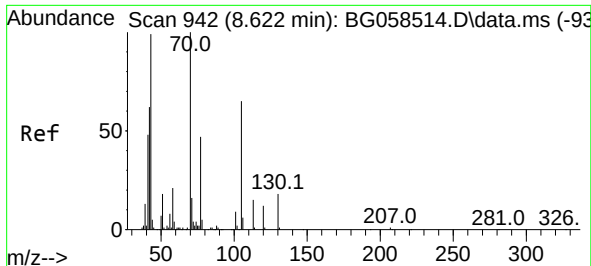
Tgt Ion: 79 Resp: 9931
Ion Ratio Lower Upper
79 100
108 21.2 63.8 95.6#
77 67.5 49.8 74.6



#18
Hexachloroethane
Concen: 20.383 ng
RT: 8.883 min Scan# 986
Delta R.T. -0.009 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion: 117 Resp: 26692
Ion Ratio Lower Upper
117 100
119 5.3 78.6 117.8#
201 0.0 101.4 152.0#





#19

n-Nitroso-di-n-propylamine

Concen: 7.681 ng

RT: 8.577 min Scan# 934

Delta R.T. -0.045 min

Lab File: BG058669.D

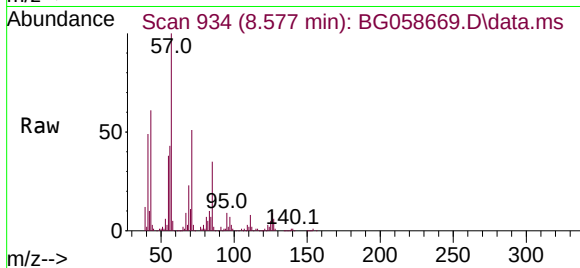
Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32



Tgt Ion: 70 Resp: 23646

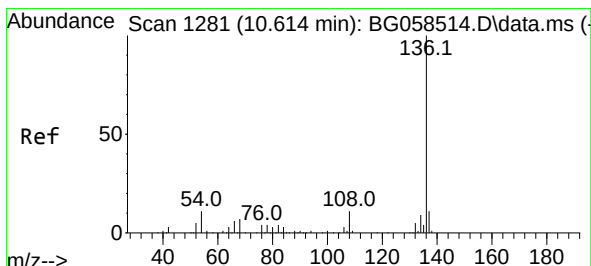
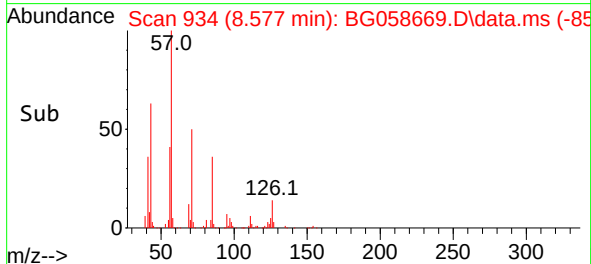
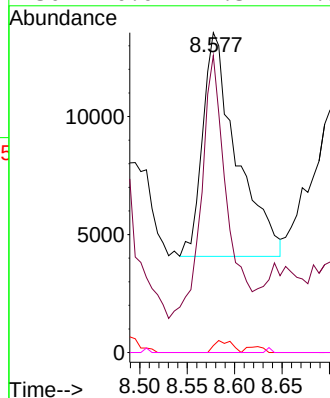
Ion Ratio Lower Upper

70 100

42 92.8 49.7 74.5#

101 2.2 7.0 10.4#

130 0.0 14.3 21.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.651 min Scan# 1287

Delta R.T. 0.038 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Tgt Ion:136 Resp: 58963

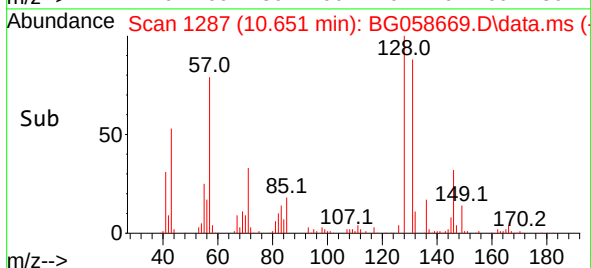
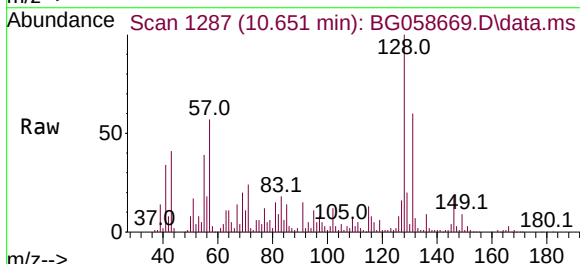
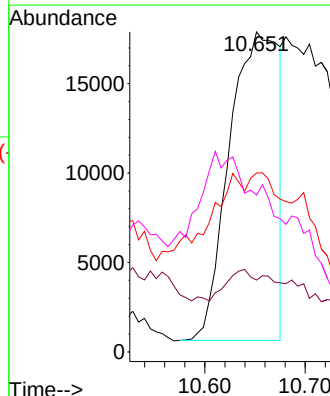
Ion Ratio Lower Upper

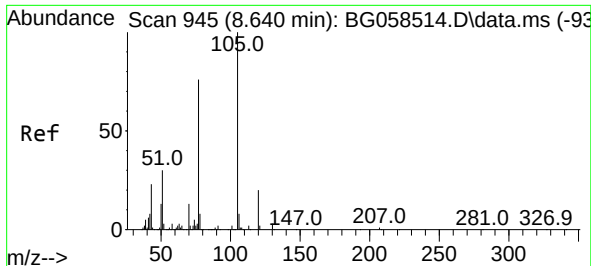
136 100

137 22.4 8.6 13.0#

54 55.9 8.9 13.3#

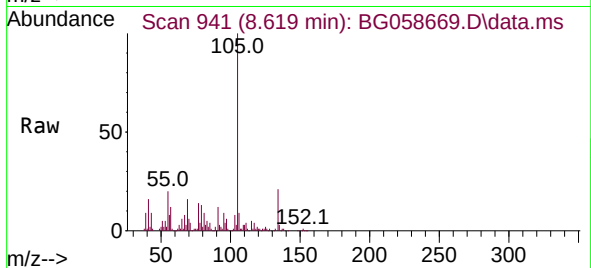
68 49.0 5.6 8.4#



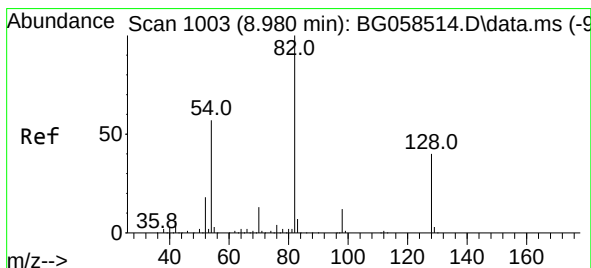
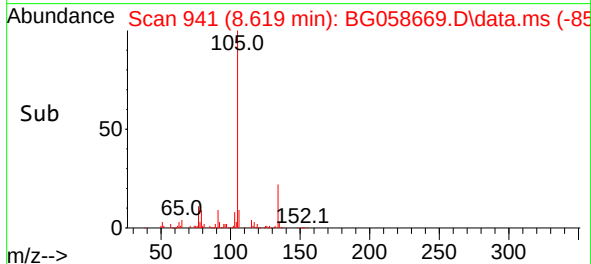
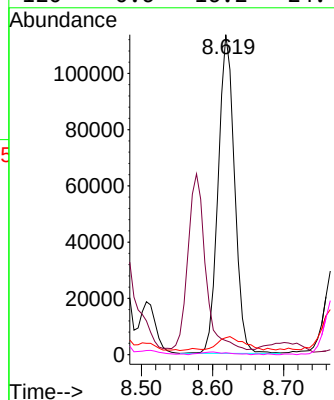


#22
Acetophenone
Concen: 115.193 ng
RT: 8.619 min Scan# 94
Delta R.T. -0.021 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

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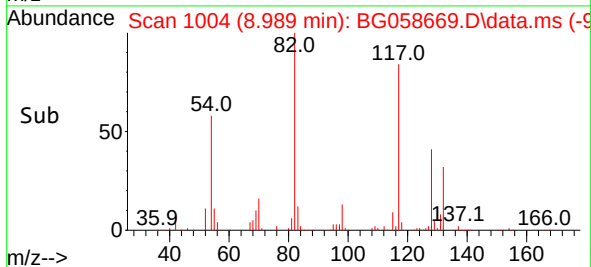
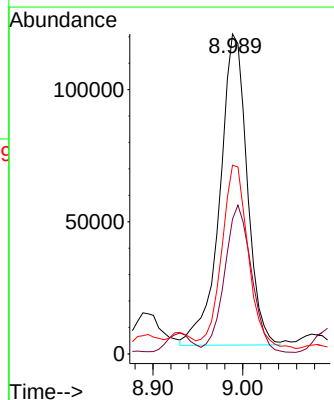
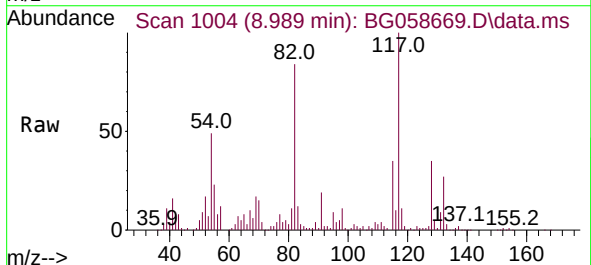


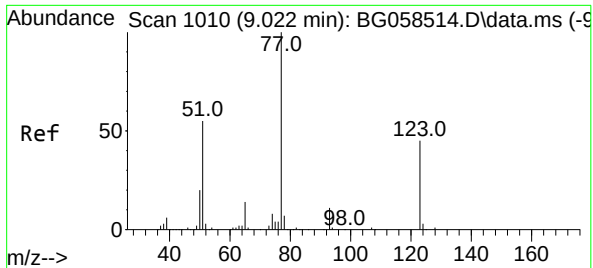
Tgt Ion:105 Resp: 181866
Ion Ratio Lower Upper
105 100
71 4.4 1.8 2.6#
51 5.3 24.2 36.2#
120 0.6 16.2 24.4#



#23
Nitrobenzene-d5
Concen: 208.159 ng
RT: 8.989 min Scan# 1004
Delta R.T. 0.008 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion: 82 Resp: 249845
Ion Ratio Lower Upper
82 100
128 42.2 32.2 48.2
54 59.0 46.0 69.0

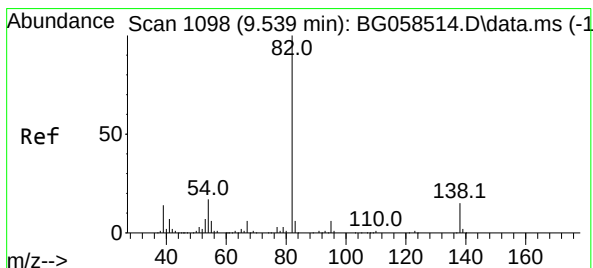
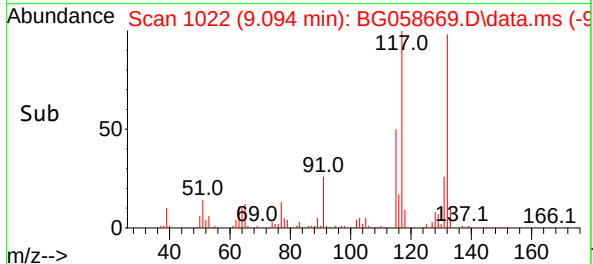
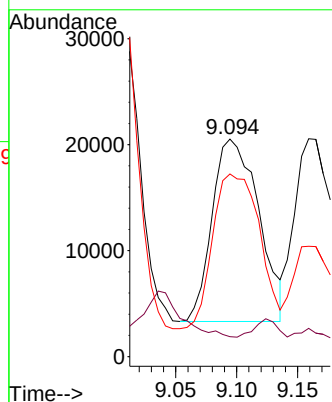
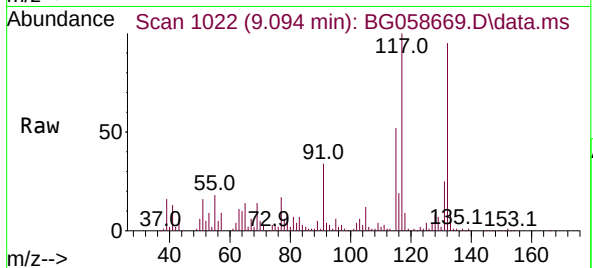




#24
Nitrobenzene
Concen: 37.435 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.073 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

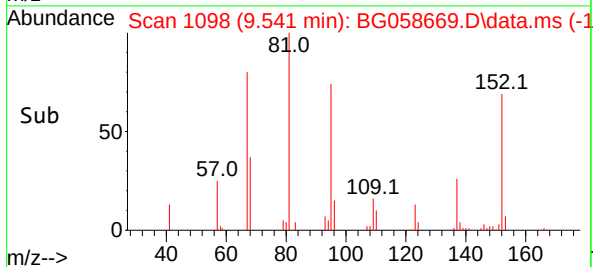
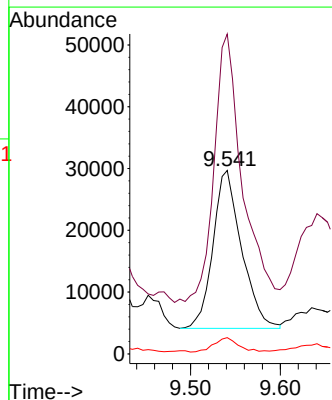
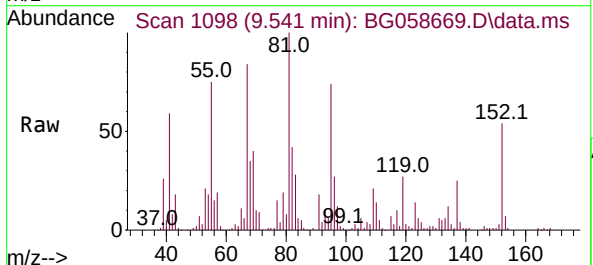
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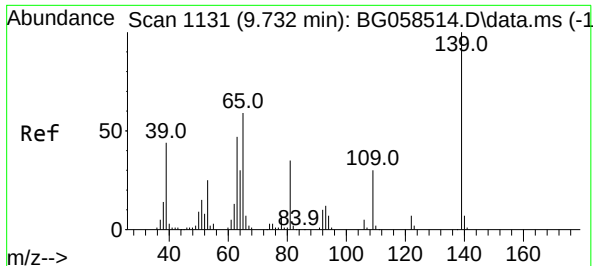
Tgt Ion: 77 Resp: 45679
Ion Ratio Lower Upper
77 100
123 9.2 35.6 53.4#
65 83.9 11.4 17.0#



#25
Isophorone
Concen: 22.888 ng
RT: 9.541 min Scan# 1098
Delta R.T. 0.002 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion: 82 Resp: 56762
Ion Ratio Lower Upper
82 100
95 174.4 5.1 7.7#
138 8.8 11.9 17.9#

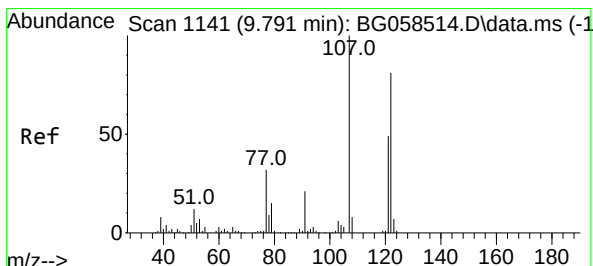
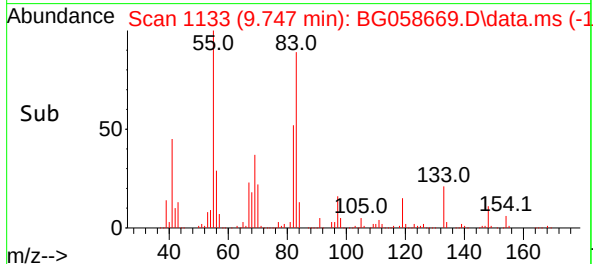
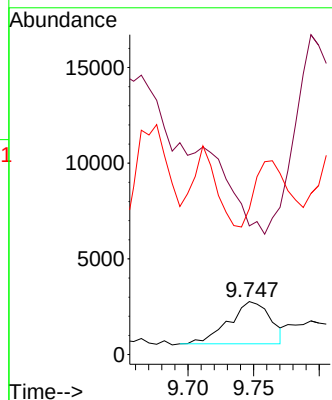
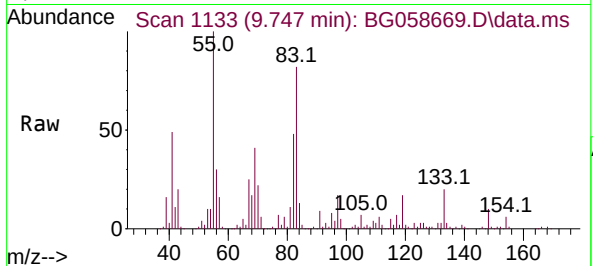




#26
2-Nitrophenol
Concen: 9.157 ng
RT: 9.747 min Scan# 1131
Delta R.T. 0.014 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

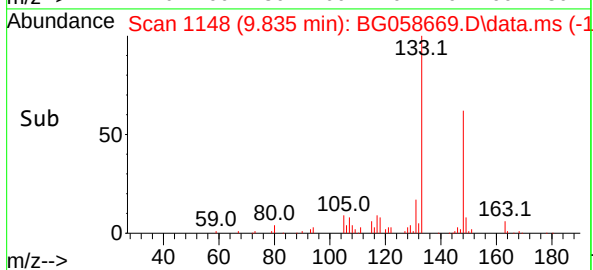
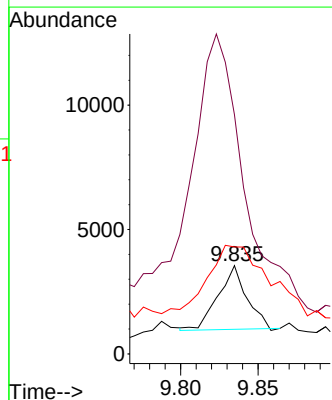
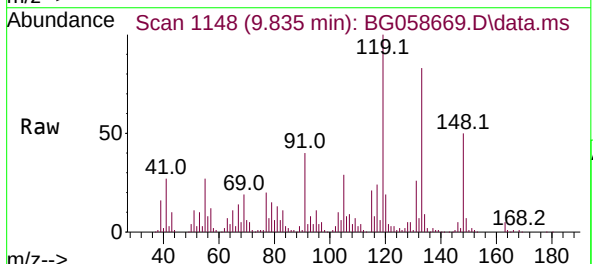
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

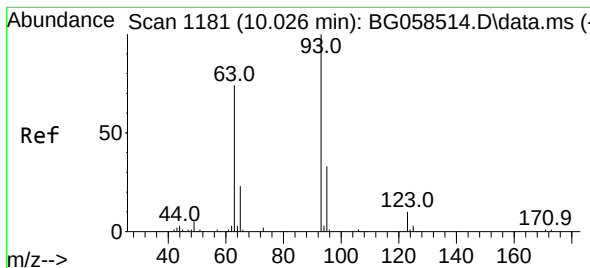
Tgt Ion:139 Resp: 4864
Ion Ratio Lower Upper
139 100
109 242.9 24.2 36.2#
65 275.3 47.0 70.4#



#27
2,4-Dimethylphenol
Concen: 3.730 ng
RT: 9.835 min Scan# 1148
Delta R.T. 0.044 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:122 Resp: 3286
Ion Ratio Lower Upper
122 100
107 271.0 98.0 147.0#
121 121.1 47.8 71.6#





#28

bis(2-Chloroethoxy)methane

Concen: 13.525 ng

RT: 10.040 min Scan# 1181

Delta R.T. 0.014 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32

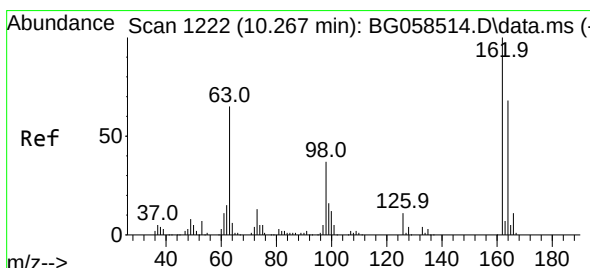
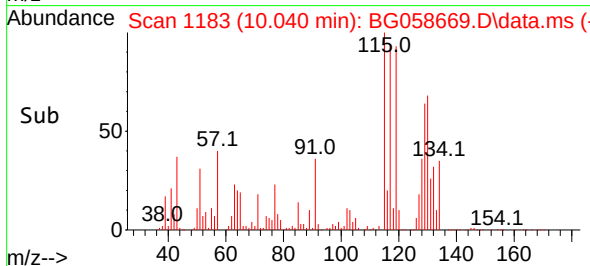
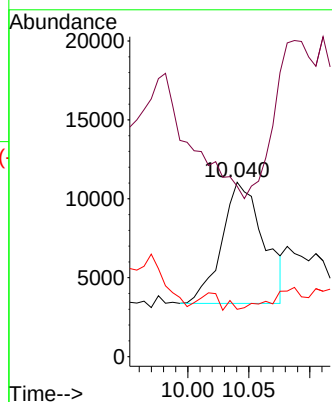
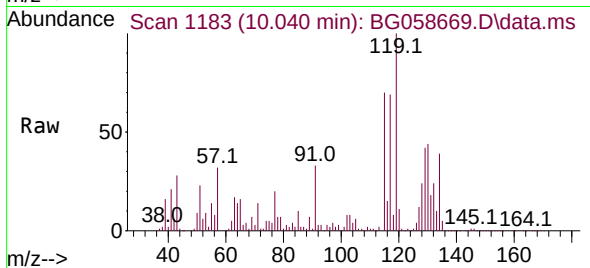
Tgt Ion: 93 Resp: 18254

Ion Ratio Lower Upper

93 100

95 97.7 26.0 39.0#

123 27.2 7.8 11.8#



#29

2,4-Dichlorophenol

Concen: 2.248 ng

RT: 10.258 min Scan# 1220

Delta R.T. -0.009 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

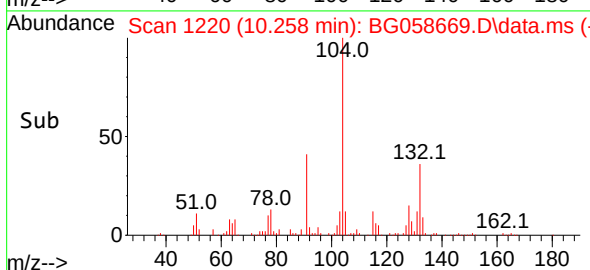
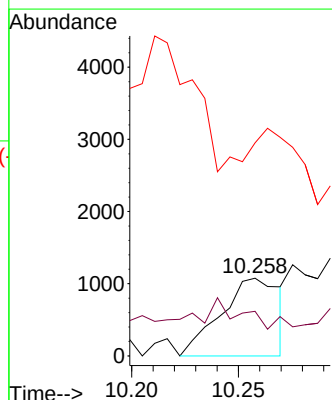
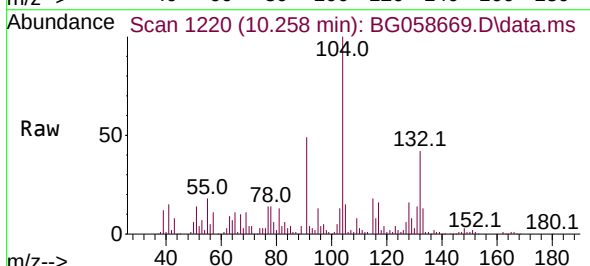
Tgt Ion:162 Resp: 2056

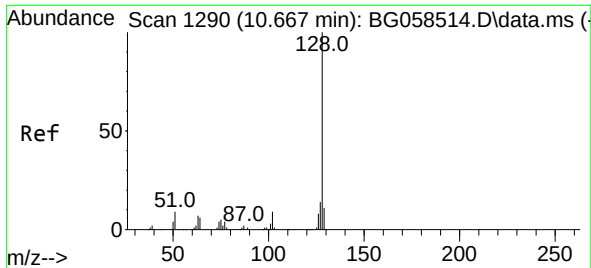
Ion Ratio Lower Upper

162 100

164 57.3 47.6 87.6

98 274.2 17.1 57.1#

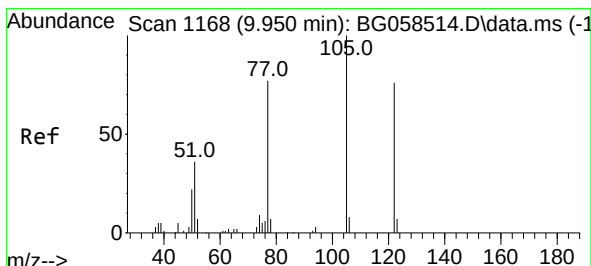
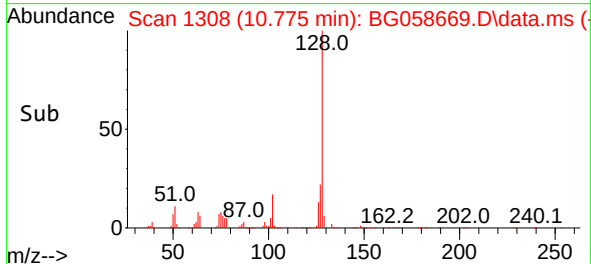
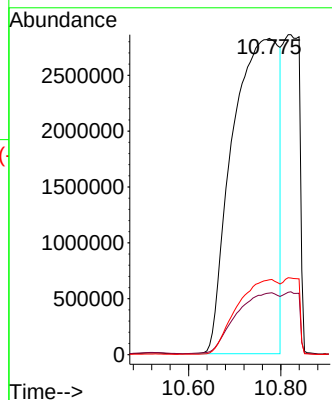
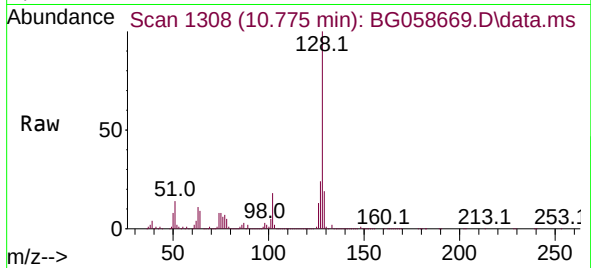




#31
Naphthalene
Concen: 6319.008 ng
RT: 10.775 min Scan# 1173
Delta R.T. 0.108 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

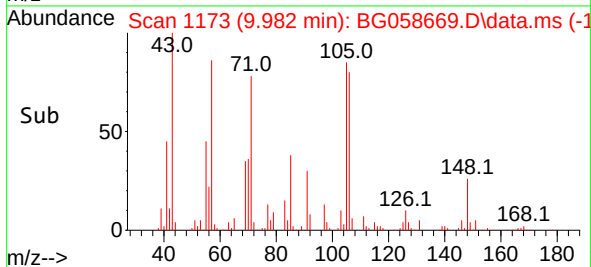
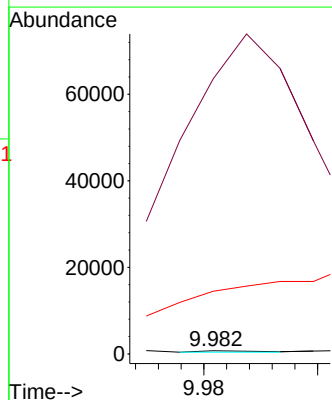
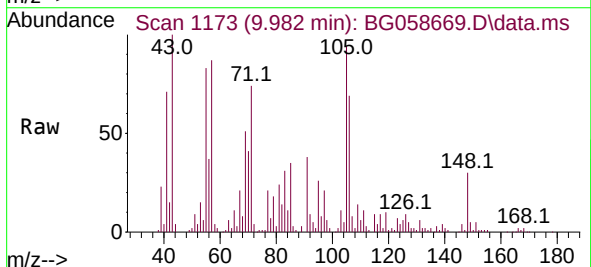
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

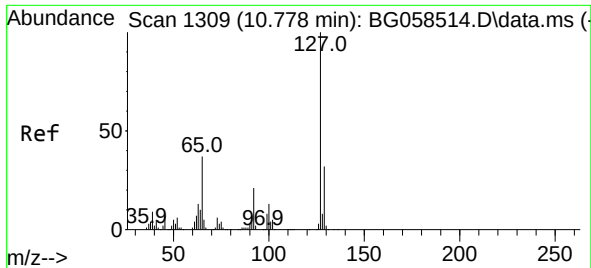
Tgt Ion:128 Resp:19637540
Ion Ratio Lower Upper
128 100
129 19.5 8.8 13.2#
127 23.6 10.9 16.3#



#32
Benzoic acid
Concen: 4.858 ng
RT: 9.982 min Scan# 1173
Delta R.T. 0.032 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:122 Resp: 220
Ion Ratio Lower Upper
122 100
105 8788.9 106.5 146.5#
77 2001.1 78.1 118.1#

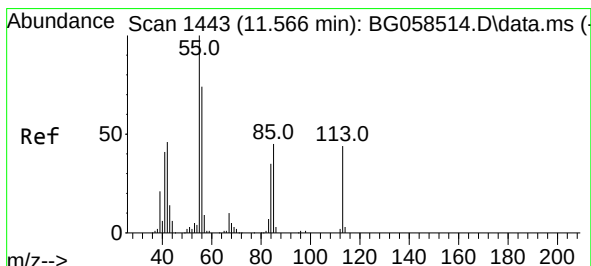
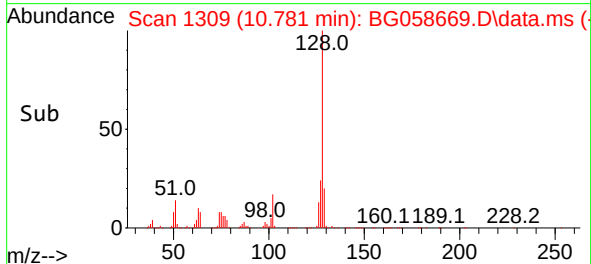
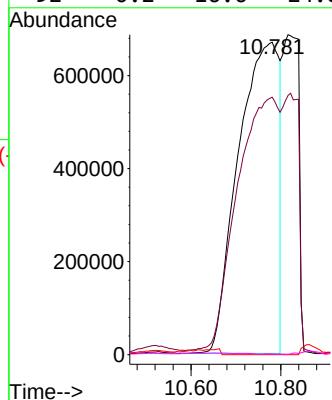
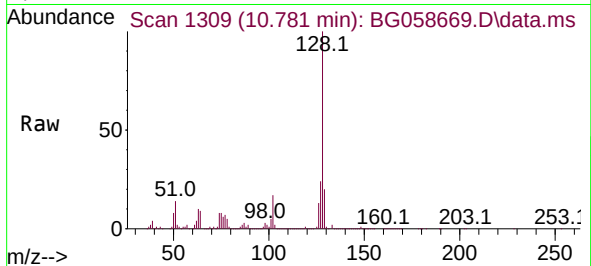




#33
4-Chloroaniline
Concen: 3203.040 ng
RT: 10.781 min Scan# 1458
Delta R.T. 0.002 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

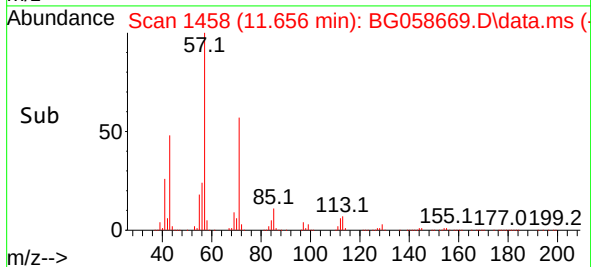
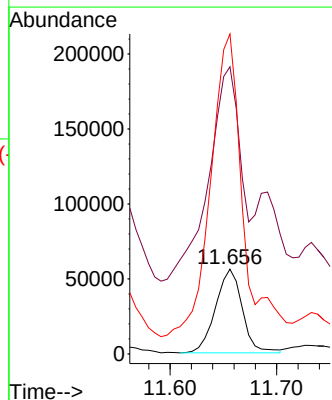
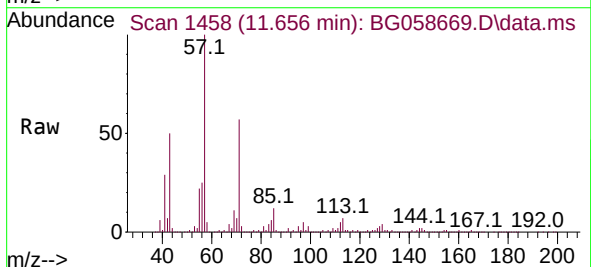
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

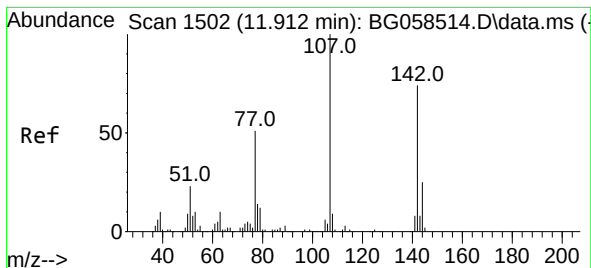
Tgt Ion:127 Resp: 4205629
Ion Ratio Lower Upper
127 100
129 82.4 25.4 38.2#
65 0.0 29.5 44.3#
92 0.2 16.6 24.8#



#35
Caprolactam
Concen: 287.700 ng
RT: 11.656 min Scan# 1458
Delta R.T. 0.091 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:113 Resp: 97188
Ion Ratio Lower Upper
113 100
55 339.1 208.0 248.0#
56 378.0 148.6 188.6#

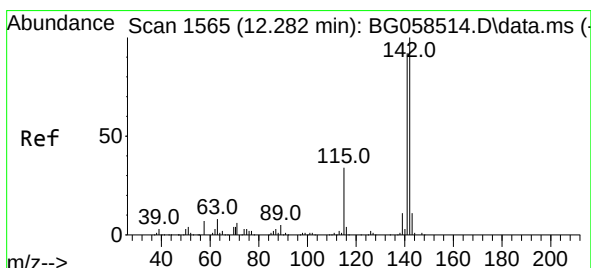
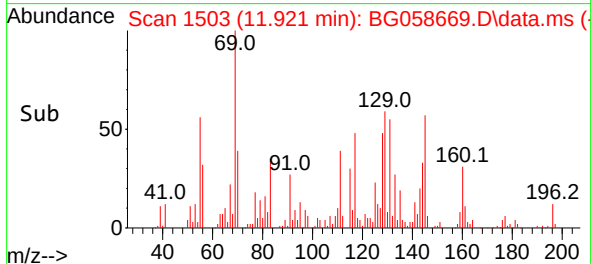
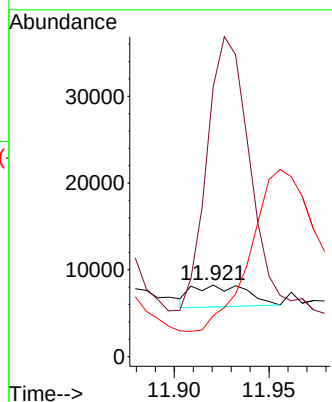
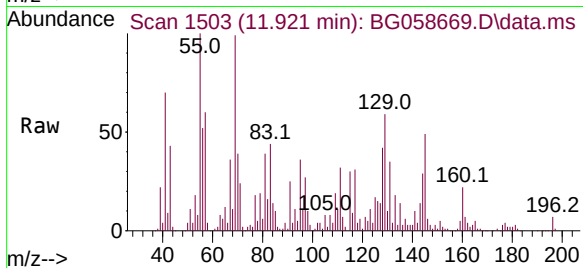




#36
4-Chloro-3-methylphenol
Concen: 4.460 ng
RT: 11.921 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

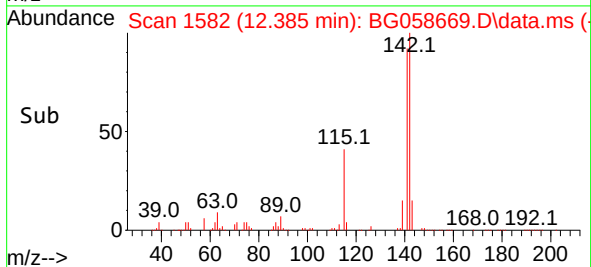
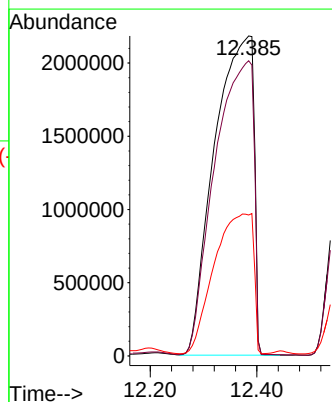
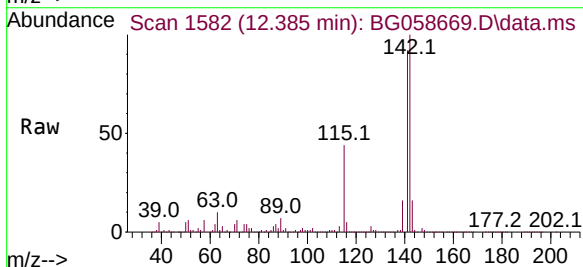
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

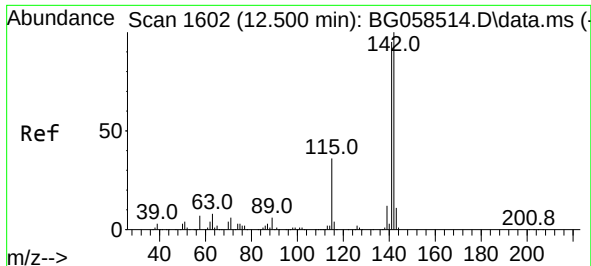
Tgt Ion:107 Resp: 5047
Ion Ratio Lower Upper
107 100
144 376.0 19.6 29.4#
142 57.0 59.3 88.9#



#37
2-Methylnaphthalene
Concen: 5014.259 ng
RT: 12.385 min Scan# 1582
Delta R.T. 0.102 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:142 Resp:11146605
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
115 44.0 27.4 41.0#

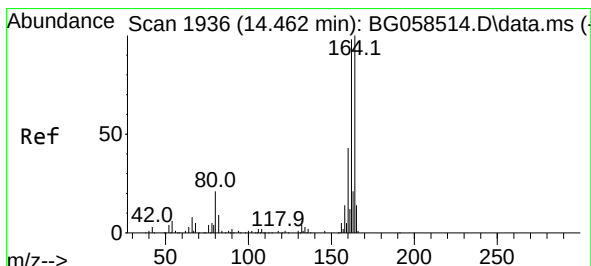
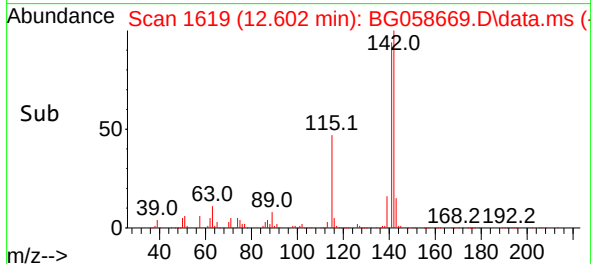
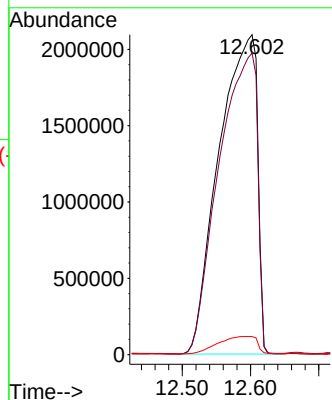
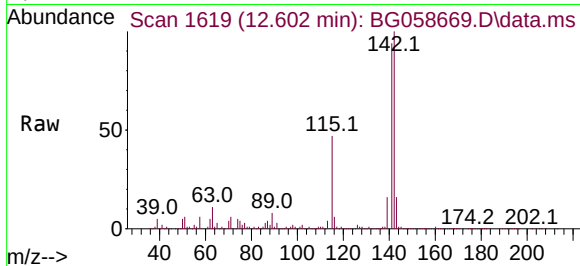




#38
1-Methylnaphthalene
Concen: 3866.041 ng
RT: 12.602 min Scan# 1602
Delta R.T. 0.102 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

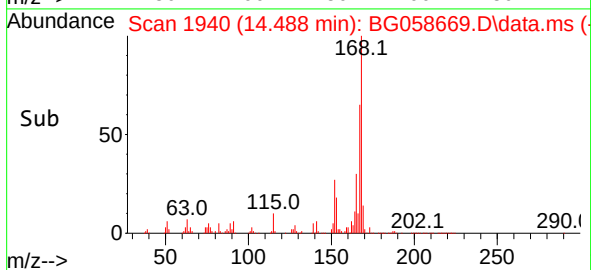
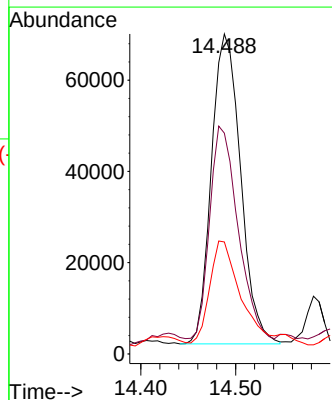
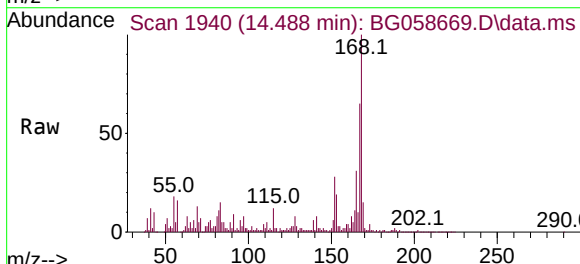
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

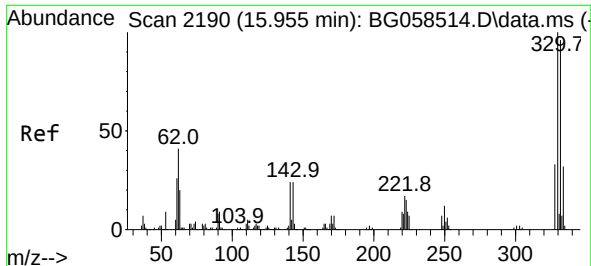
Tgt Ion:142 Resp: 8169417
Ion Ratio Lower Upper
142 100
141 94.2 75.7 113.5
116 5.6 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.488 min Scan# 1940
Delta R.T. 0.026 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

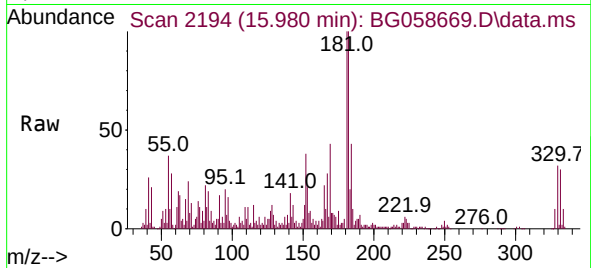
Tgt Ion:164 Resp: 145202
Ion Ratio Lower Upper
164 100
162 69.0 78.3 117.5#
160 35.0 34.1 51.1



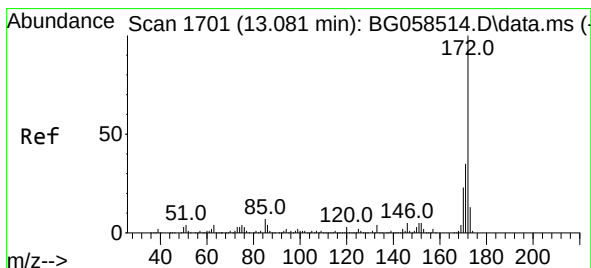
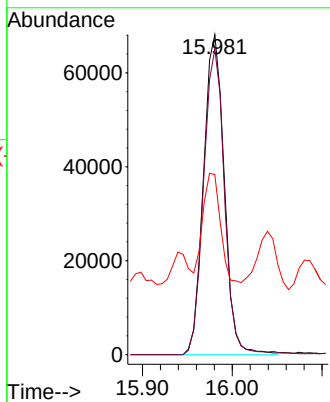
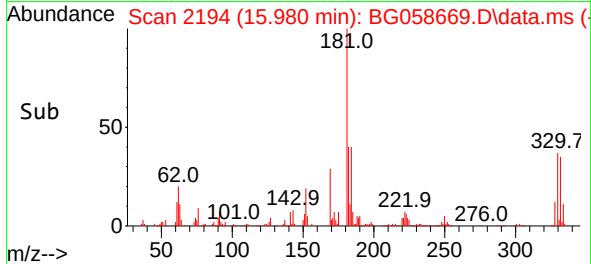


#42
 2,4,6-Tribromophenol
 Concen: 45.958 ng
 RT: 15.980 min Scan# 2190
 Delta R.T. 0.026 min
 Lab File: BG058669.D
 Acq: 9 Aug 2023 22:06

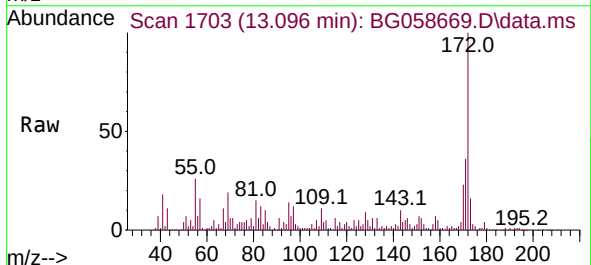
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32



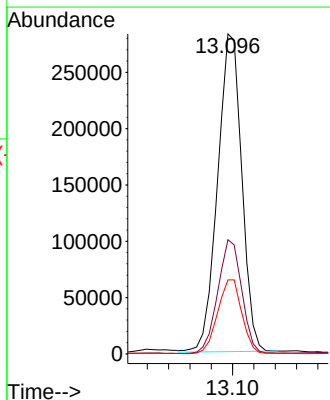
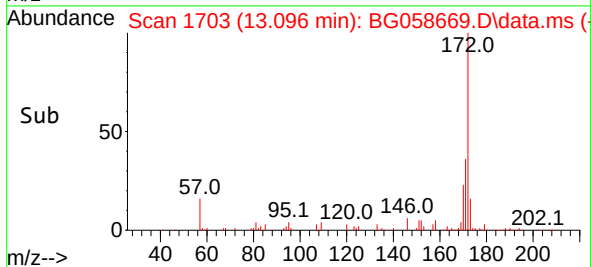
Tgt Ion:330 Resp: 109379
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.5 116.3
 141 28.5 20.7 31.1

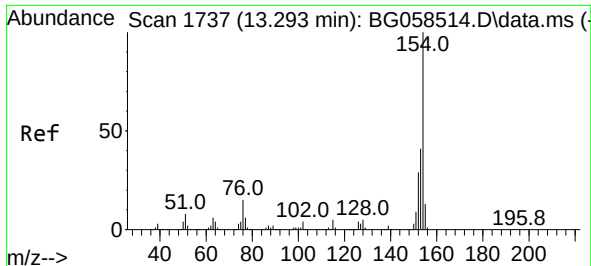


#45
 2-Fluorobiphenyl
 Concen: 45.826 ng
 RT: 13.096 min Scan# 1703
 Delta R.T. 0.014 min
 Lab File: BG058669.D
 Acq: 9 Aug 2023 22:06



Tgt Ion:172 Resp: 444014
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.0 42.0
 170 23.1 18.4 27.6

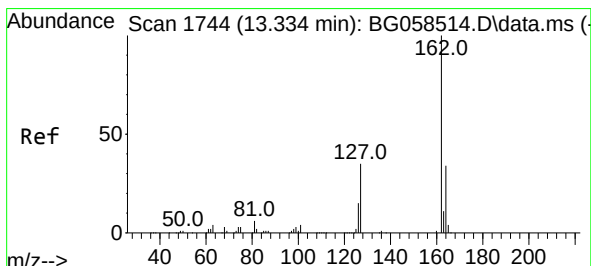
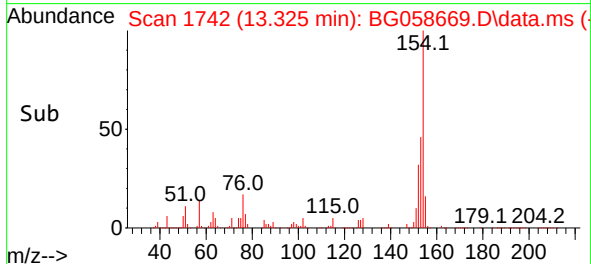
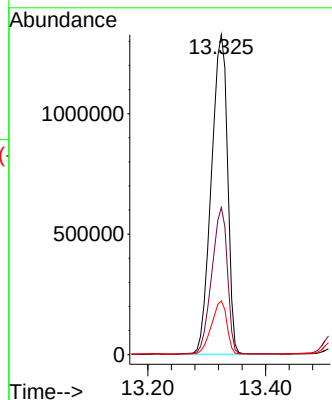
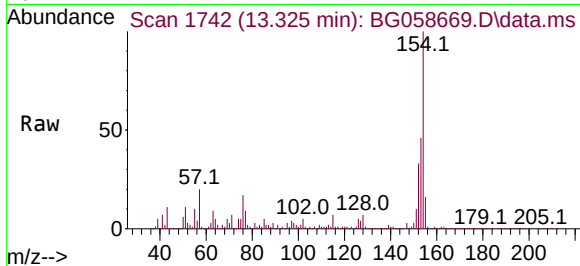




#46
1,1'-Biphenyl
Concen: 253.596 ng
RT: 13.325 min Scan# 1742
Delta R.T. 0.032 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

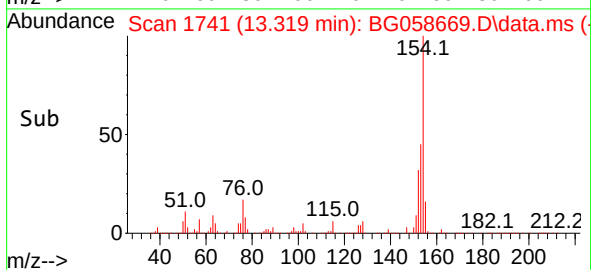
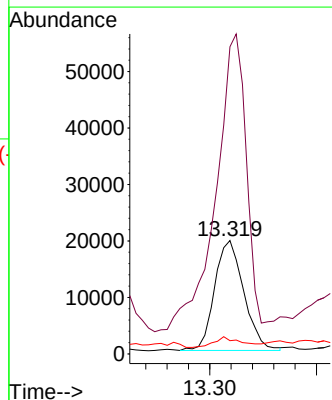
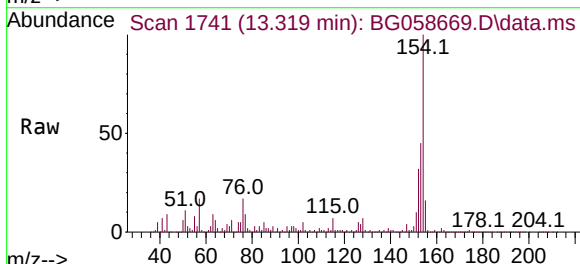
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

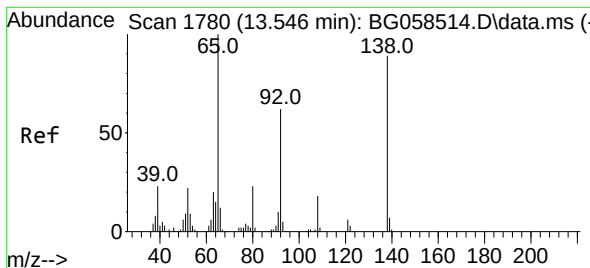
Tgt Ion:154 Resp: 2528808
Ion Ratio Lower Upper
154 100
153 46.0 21.2 61.2
76 16.8 0.0 34.7



#47
2-Chloronaphthalene
Concen: 4.773 ng
RT: 13.319 min Scan# 1741
Delta R.T. -0.015 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:162 Resp: 37111
Ion Ratio Lower Upper
162 100
127 270.7 30.9 46.3#
164 11.7 27.2 40.8#





#48

2-Nitroaniline

Concen: 32.574 ng

RT: 13.536 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32

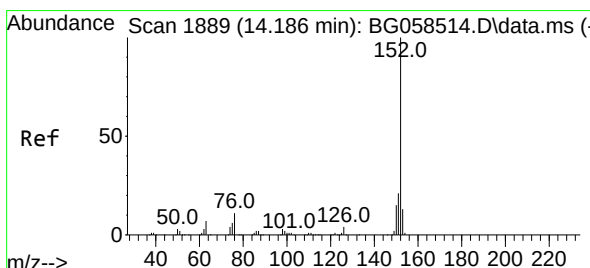
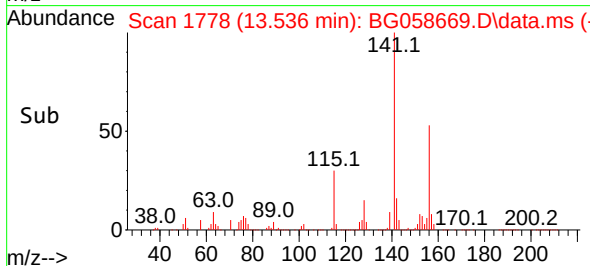
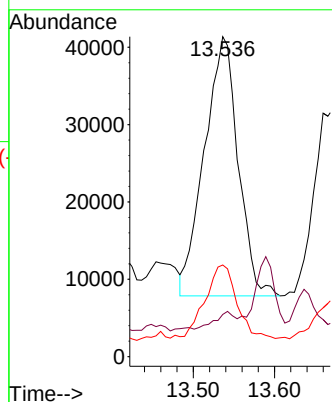
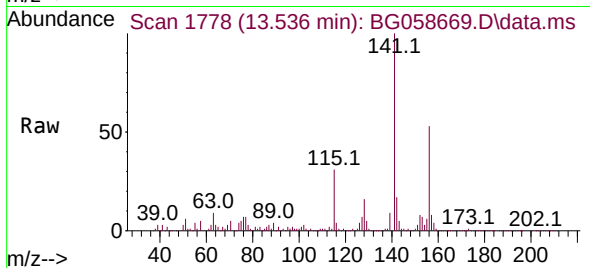
Tgt Ion: 65 Resp: 96670

Ion Ratio Lower Upper

65 100

92 13.2 49.2 73.8#

138 28.6 71.5 107.3#



#49

Acenaphthylene

Concen: 91.361 ng

RT: 14.218 min Scan# 1894

Delta R.T. 0.032 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

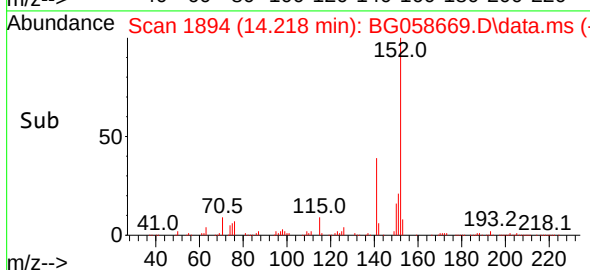
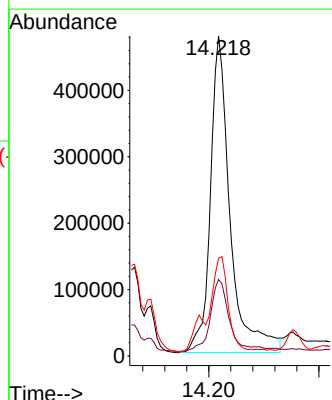
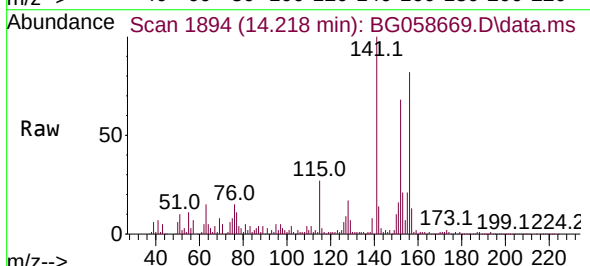
Tgt Ion:152 Resp: 1189264

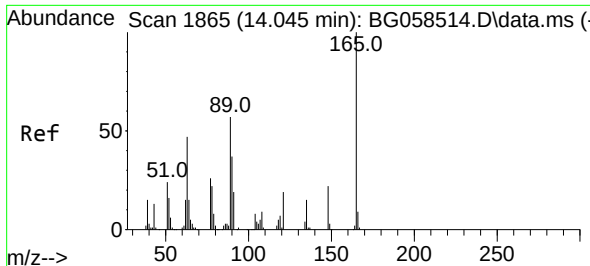
Ion Ratio Lower Upper

152 100

151 23.9 16.5 24.7

153 30.5 10.7 16.1#

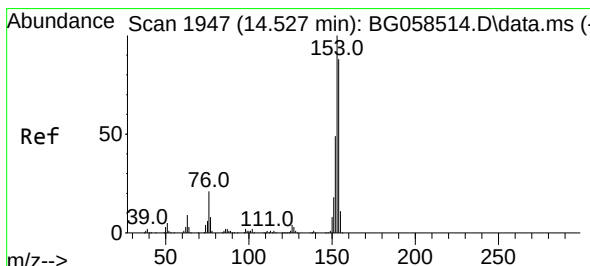
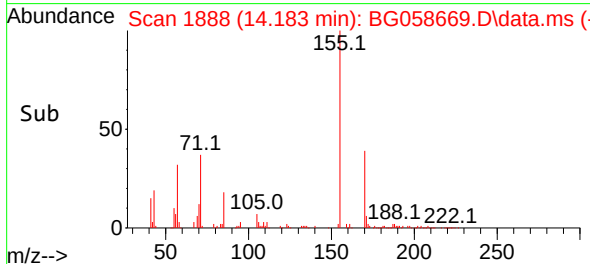
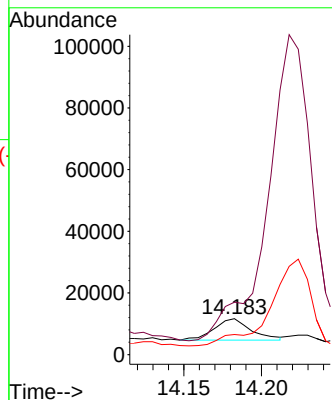
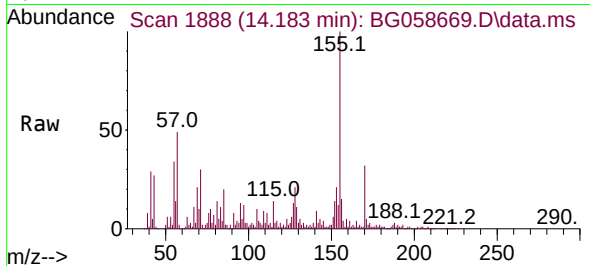




#51
2,6-Dinitrotoluene
Concen: 4.833 ng
RT: 14.183 min Scan# 1865
Delta R.T. 0.138 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

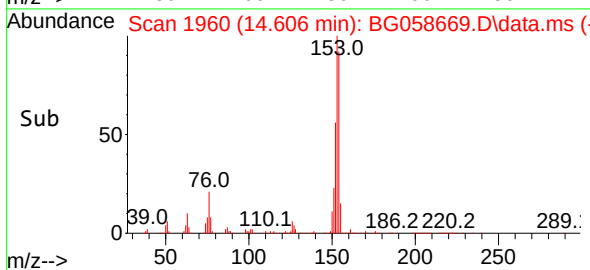
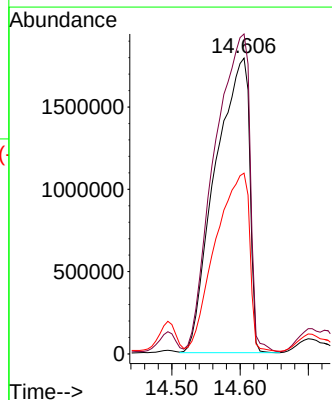
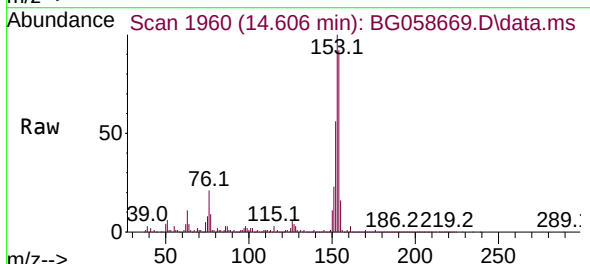
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

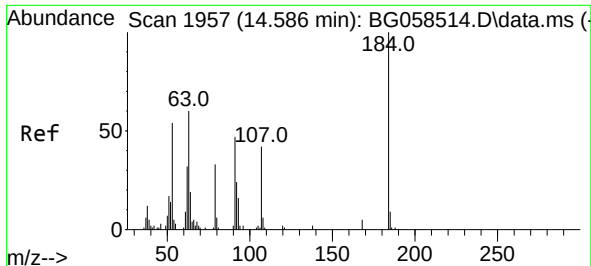
Tgt Ion:165 Resp: 11565
Ion Ratio Lower Upper
165 100
63 145.8 46.4 69.6#
89 56.0 45.3 67.9



#52
Acenaphthene
Concen: 825.495 ng
RT: 14.606 min Scan# 1960
Delta R.T. 0.079 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:154 Resp: 6209030
Ion Ratio Lower Upper
154 100
153 108.2 91.1 136.7
152 61.1 44.6 66.8

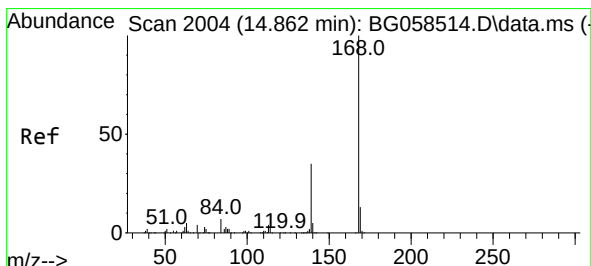
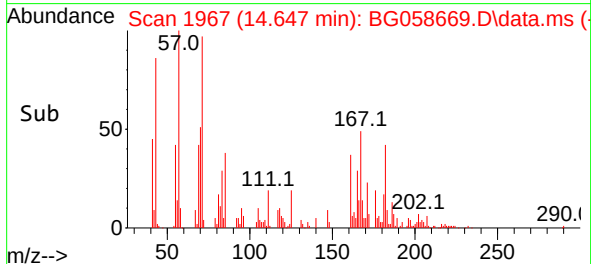
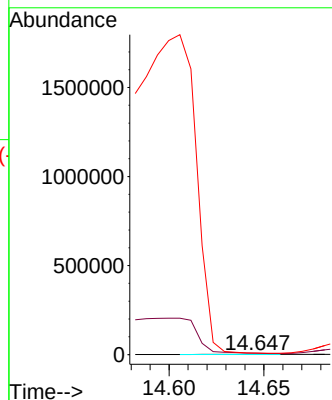
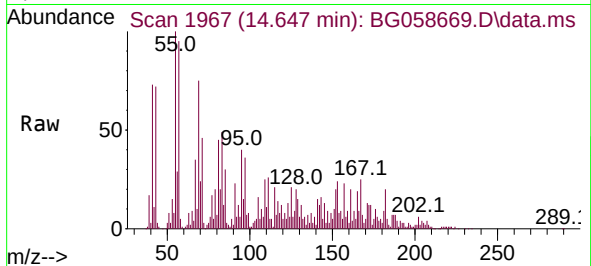




#54
2,4-Dinitrophenol
Concen: 8.601 ng
RT: 14.647 min Scan# 1957
Delta R.T. 0.061 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

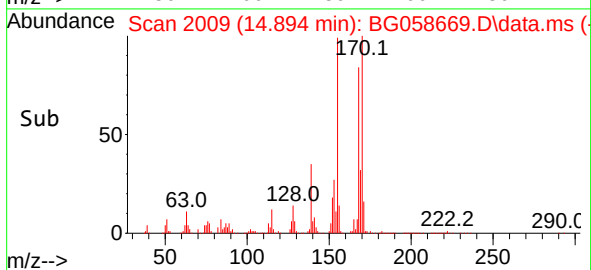
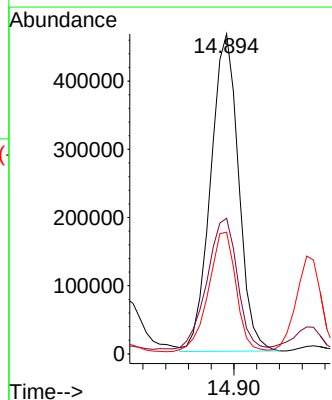
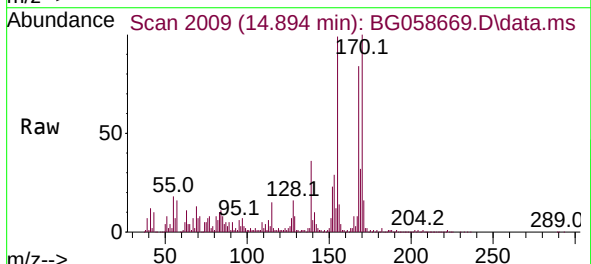
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

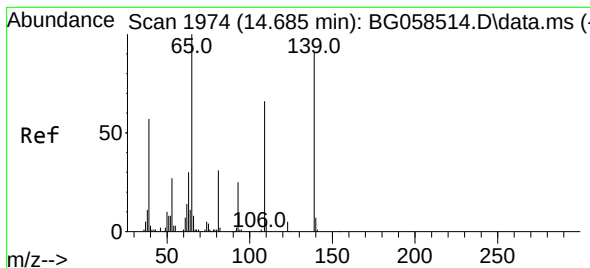
Tgt Ion:184 Resp: 1661
Ion Ratio Lower Upper
184 100
63 504.7 56.7 85.1#
154 559.6 46.1 69.1#



#55
Dibenzofuran
Concen: 61.341 ng
RT: 14.894 min Scan# 2009
Delta R.T. 0.032 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:168 Resp: 792808
Ion Ratio Lower Upper
168 100
139 42.4 27.8 41.8#
169 38.0 10.6 16.0#





#56

4-Nitrophenol

Concen: 90.687 ng

RT: 14.706 min Scan# 19

Delta R.T. 0.021 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32

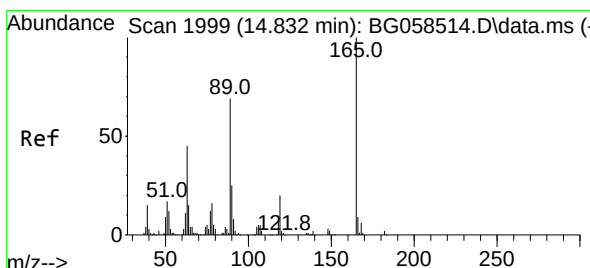
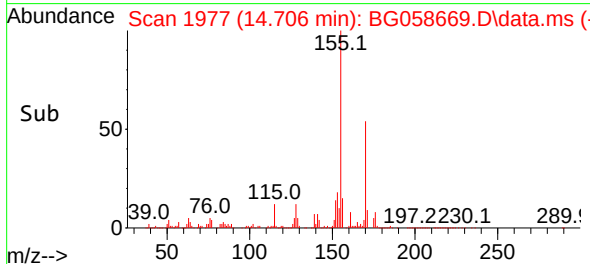
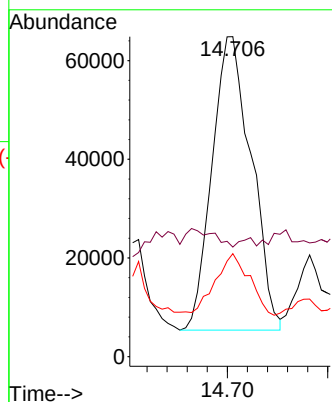
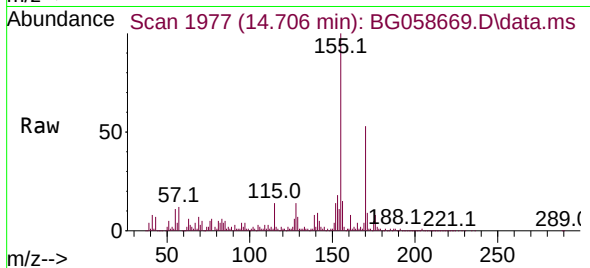
Tgt Ion:139 Resp: 161692

Ion Ratio Lower Upper

139 100

109 34.2 52.5 92.5#

65 32.2 90.5 130.5#



#57

2,4-Dinitrotoluene

Concen: 13.173 ng

RT: 14.841 min Scan# 2000

Delta R.T. 0.009 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Tgt Ion:165 Resp: 43697

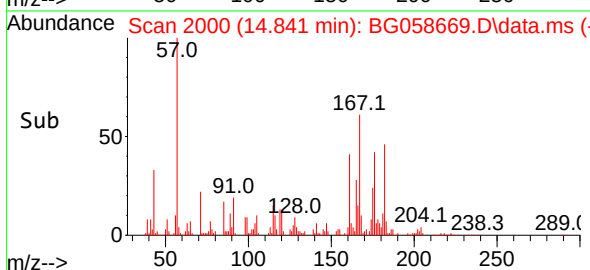
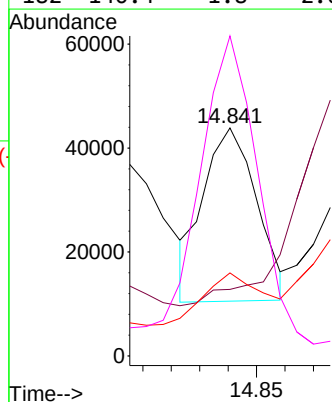
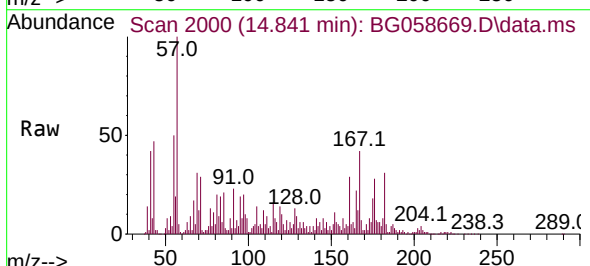
Ion Ratio Lower Upper

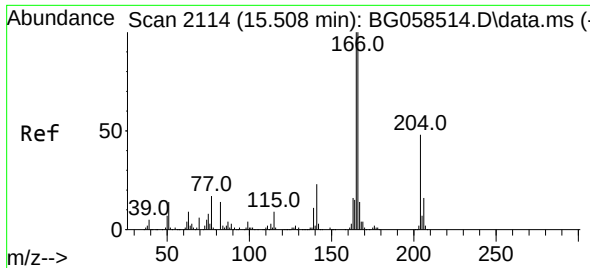
165 100

63 29.2 36.6 54.8#

89 36.4 55.4 83.0#

182 140.4 1.8 2.6#

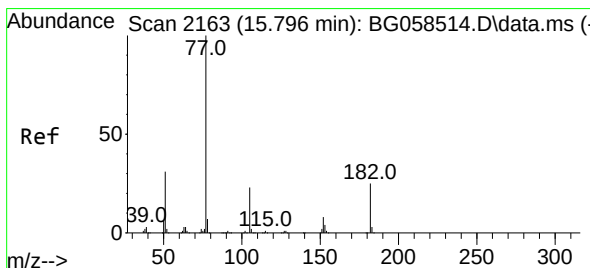
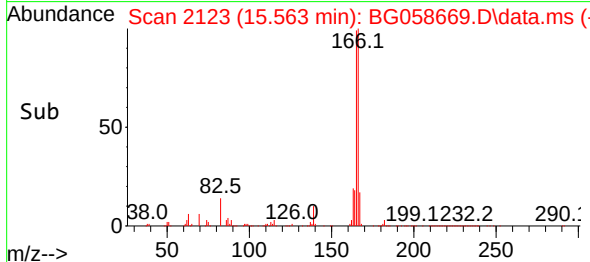
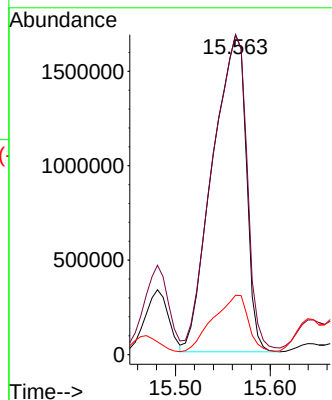
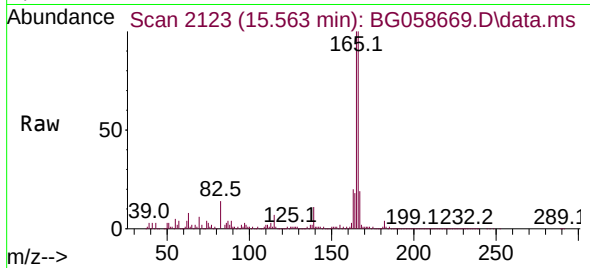




#58
Fluorene
Concen: 404.041 ng
RT: 15.563 min Scan# 2114
Delta R.T. 0.055 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

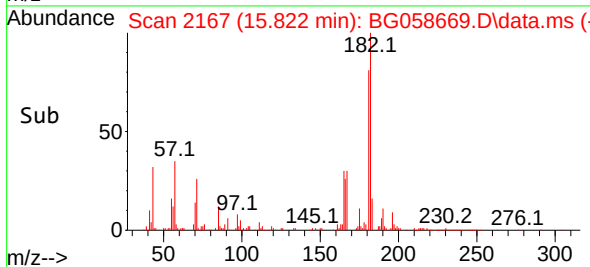
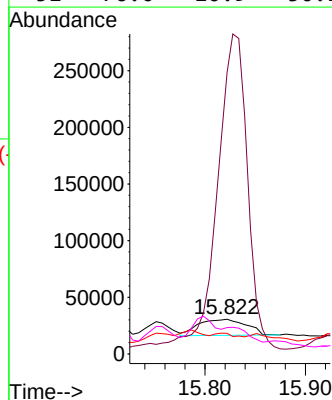
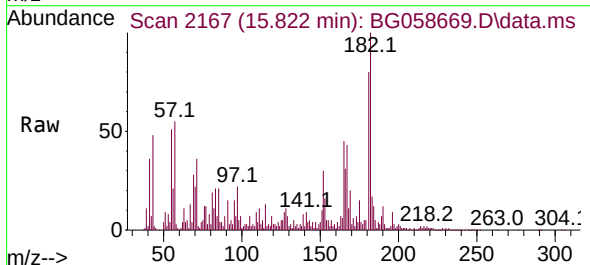
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

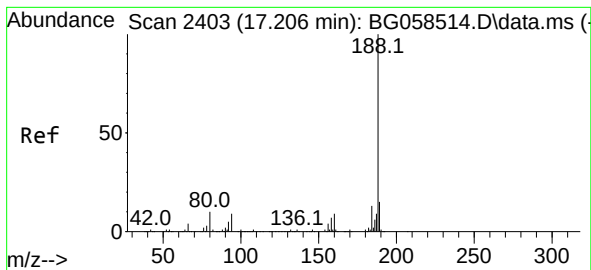
Tgt Ion:166 Resp: 4148412
Ion Ratio Lower Upper
166 100
165 100.1 80.0 120.0
167 18.5 11.3 16.9#



#63
Azobenzene
Concen: 4.297 ng
RT: 15.822 min Scan# 2167
Delta R.T. 0.026 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion: 77 Resp: 47022
Ion Ratio Lower Upper
77 100
182 811.7 4.6 44.6#
105 59.5 3.3 43.3#
51 76.0 10.9 50.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.232 min Scan# 24

Delta R.T. 0.026 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32

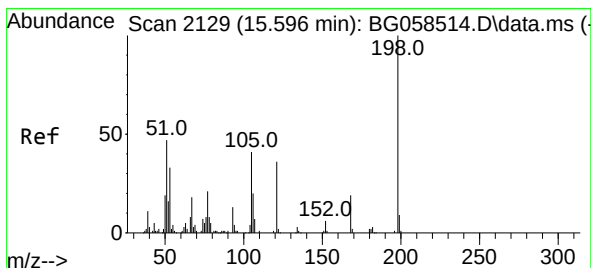
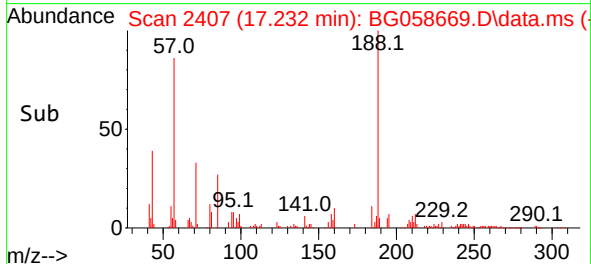
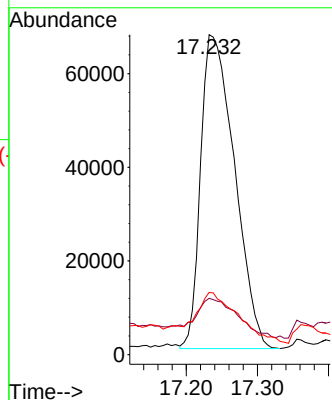
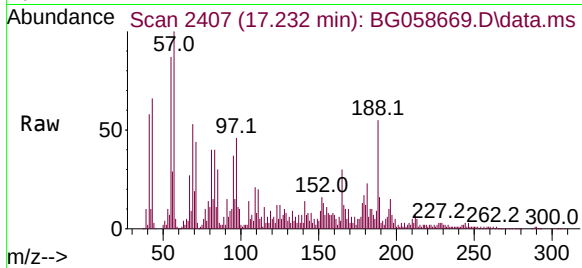
Tgt Ion:188 Resp: 221367

Ion Ratio Lower Upper

188 100

94 17.6 7.0 10.6#

80 19.4 8.1 12.1#



#65

4,6-Dinitro-2-methylphenol

Concen: 2.056 ng

RT: 15.581 min Scan# 2126

Delta R.T. -0.015 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

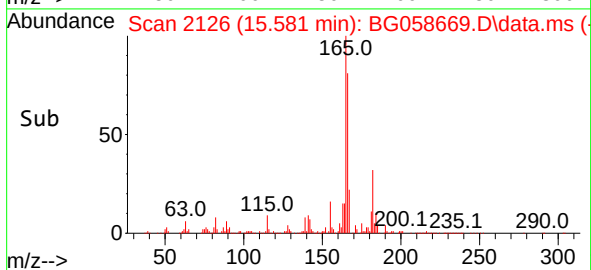
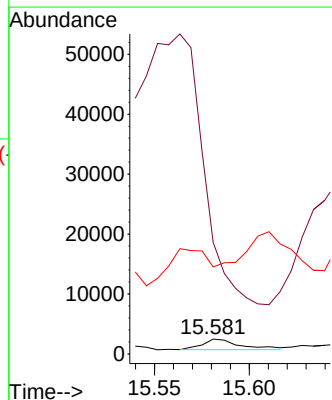
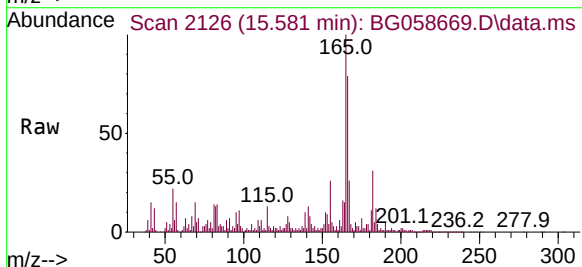
Tgt Ion:198 Resp: 2510

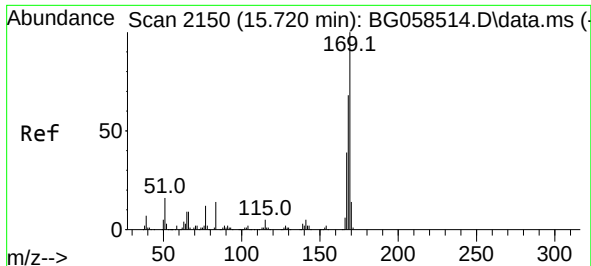
Ion Ratio Lower Upper

198 100

51 752.8 29.3 69.3#

105 586.5 21.0 61.0#

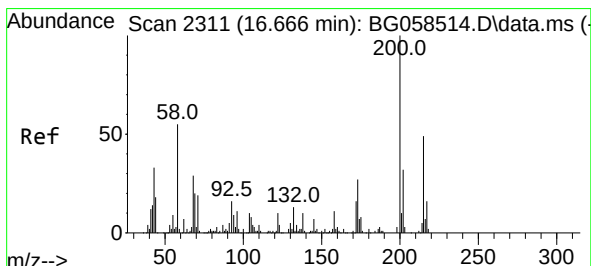
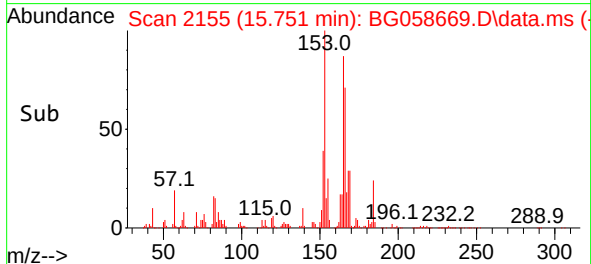
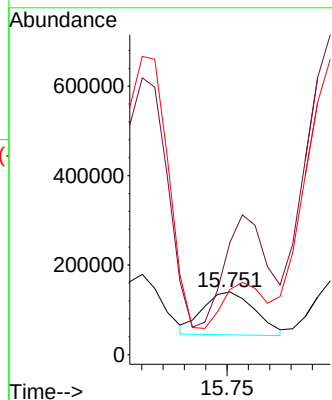
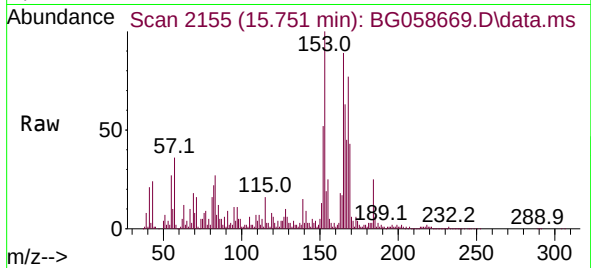




#66
n-Nitrosodiphenylamine
Concen: 28.058 ng
RT: 15.751 min Scan# 2150
Delta R.T. 0.032 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

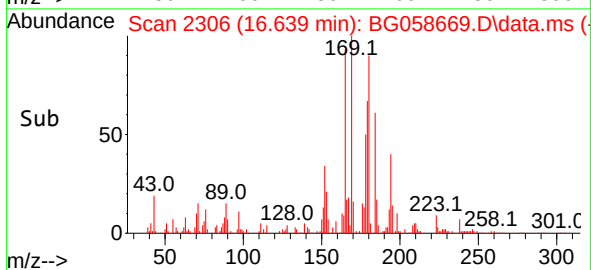
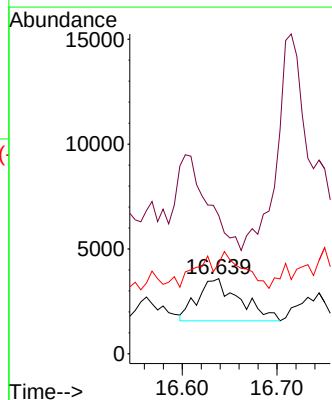
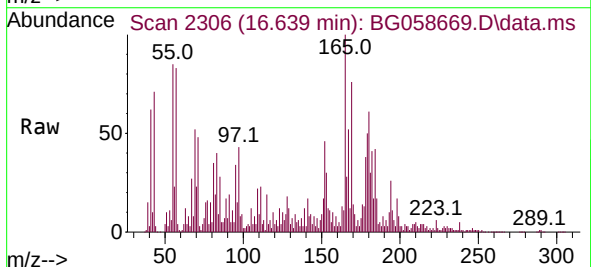
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

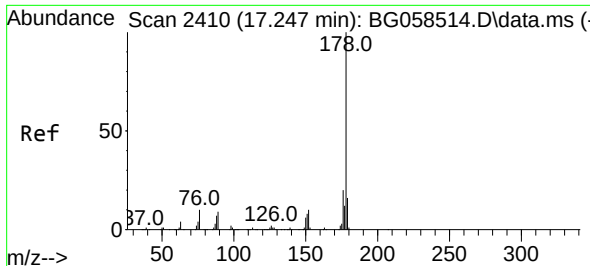
Tgt Ion:169 Resp: 161659
Ion Ratio Lower Upper
169 100
168 179.2 54.6 82.0#
167 104.3 31.3 46.9#



#69
Atrazine
Concen: 3.196 ng
RT: 16.639 min Scan# 2306
Delta R.T. -0.027 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:200 Resp: 6217
Ion Ratio Lower Upper
200 100
173 183.8 6.5 46.5#
215 120.3 28.9 68.9#

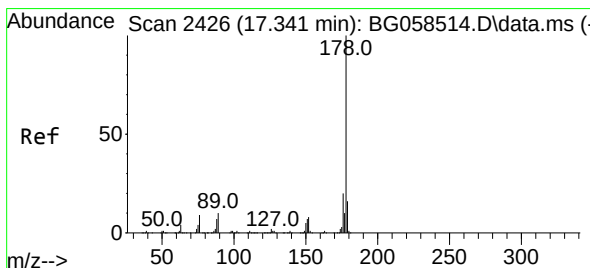
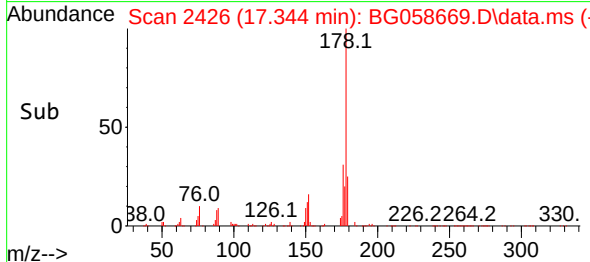
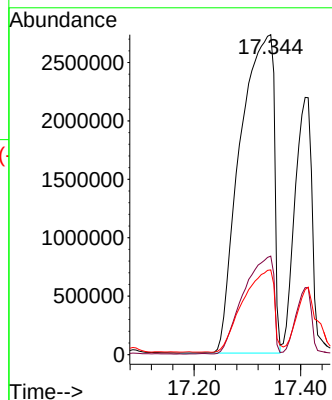
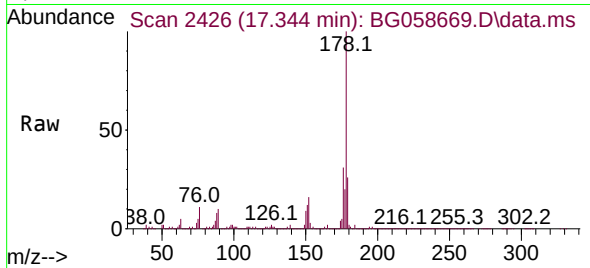




#71
Phenanthrene
Concen: 1143.292 ng
RT: 17.344 min Scan# 2410
Delta R.T. 0.096 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

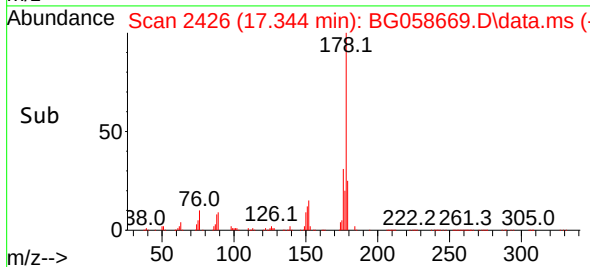
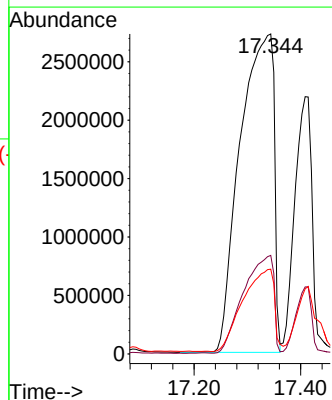
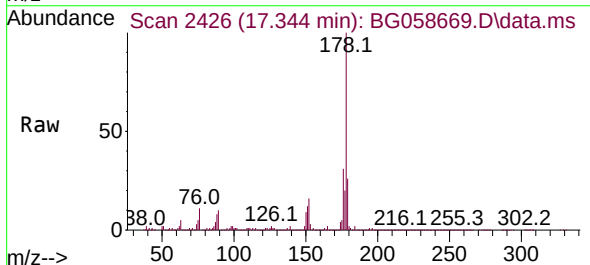
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

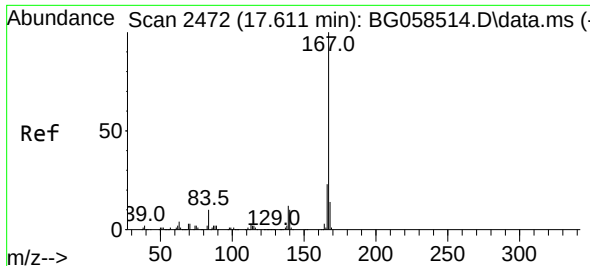
Tgt Ion:178 Resp:12002512
Ion Ratio Lower Upper
178 100
176 30.8 16.3 24.5#
179 26.5 13.1 19.7#



#72
Anthracene
Concen: 1114.234 ng
RT: 17.344 min Scan# 2426
Delta R.T. 0.002 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:178 Resp:12002512
Ion Ratio Lower Upper
178 100
176 30.8 16.0 24.0#
179 26.5 12.9 19.3#

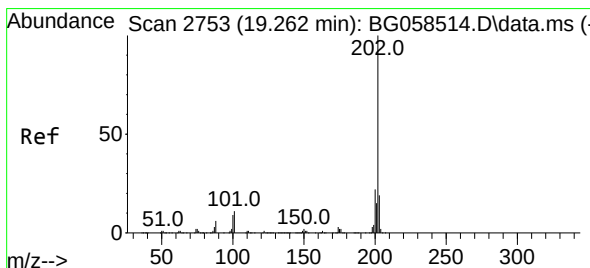
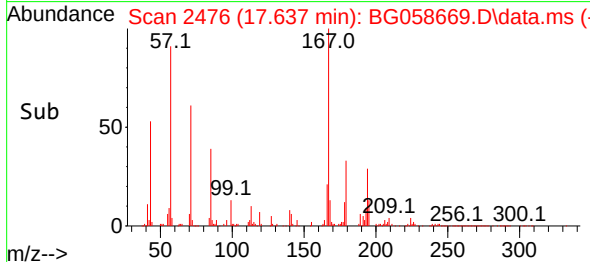
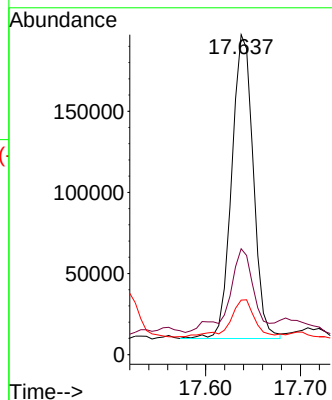
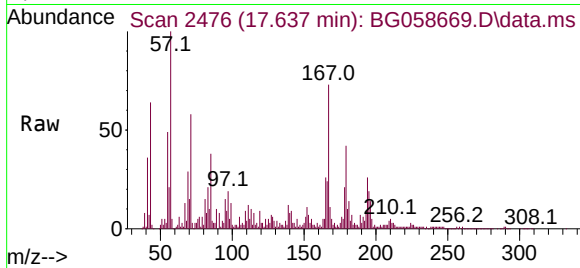




#73
 Carbazole
 Concen: 31.146 ng
 RT: 17.637 min Scan# 2476
 Delta R.T. 0.026 min
 Lab File: BG058669.D
 Acq: 9 Aug 2023 22:06

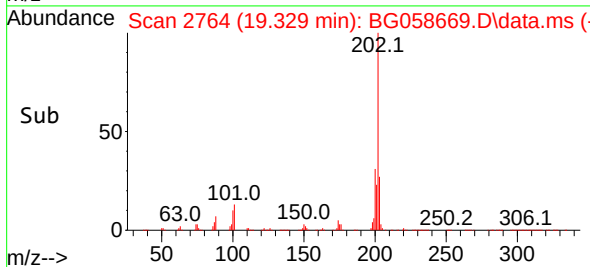
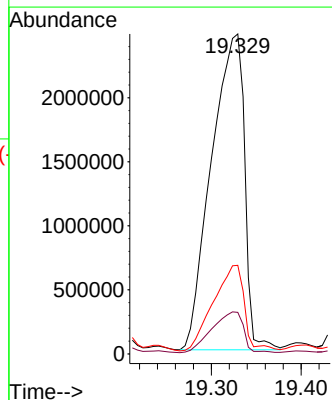
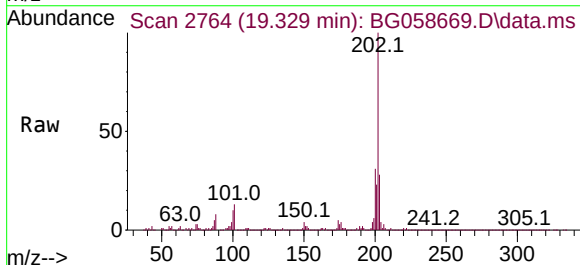
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32

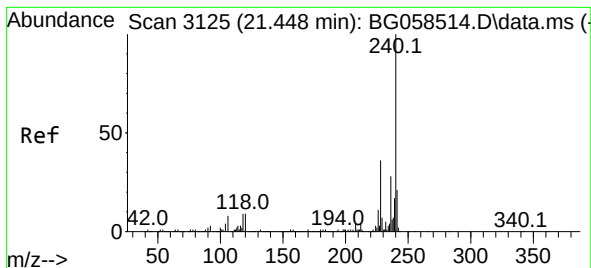
Tgt Ion:167 Resp: 295856
 Ion Ratio Lower Upper
 167 100
 166 33.1 18.4 27.6#
 139 17.1 10.0 15.0#



#75
 Fluoranthene
 Concen: 502.644 ng
 RT: 19.329 min Scan# 2764
 Delta R.T. 0.067 min
 Lab File: BG058669.D
 Acq: 9 Aug 2023 22:06

Tgt Ion:202 Resp: 6338632
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.4
 203 27.7 0.0 39.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 31

Delta R.T. 0.055 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32

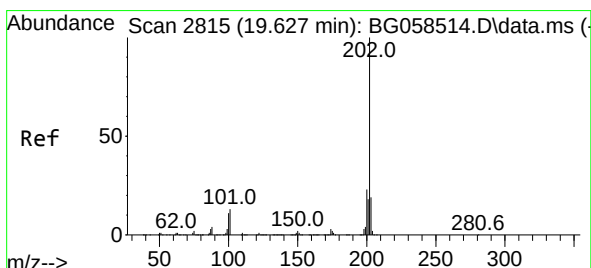
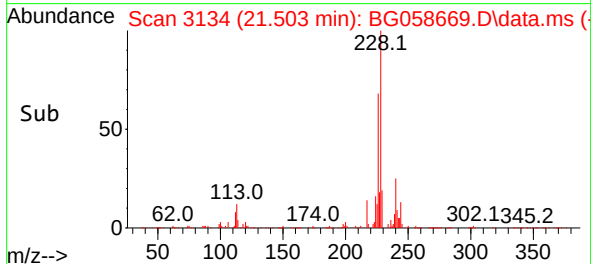
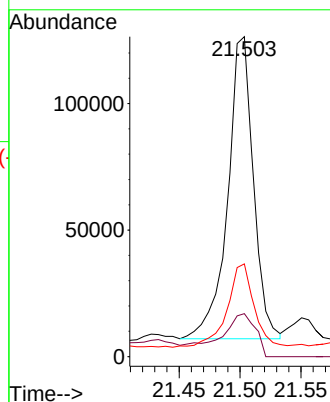
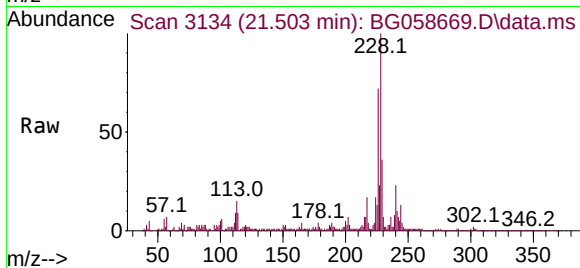
Tgt Ion:240 Resp: 175423

Ion Ratio Lower Upper

240 100

120 13.4 7.4 11.0#

236 29.0 22.2 33.4



#78

Pyrene

Concen: 730.915 ng

RT: 19.706 min Scan# 2828

Delta R.T. 0.079 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

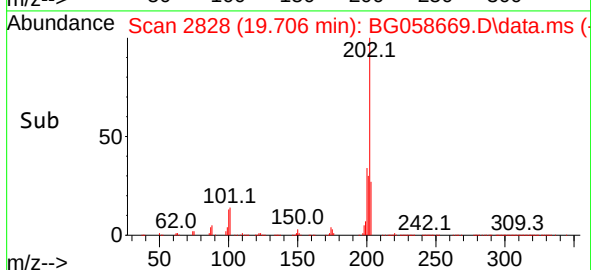
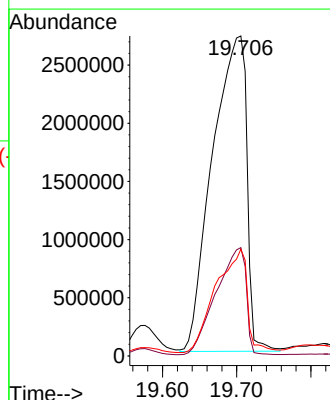
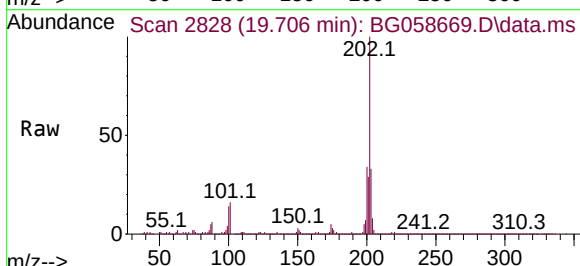
Tgt Ion:202 Resp: 8726055

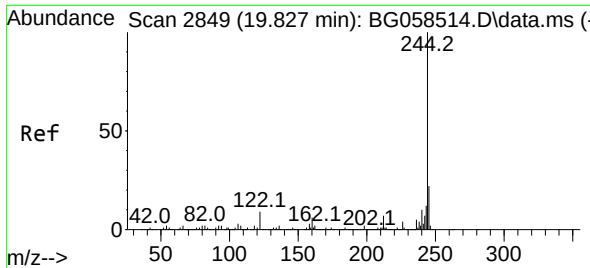
Ion Ratio Lower Upper

202 100

200 33.8 18.2 27.2#

203 33.3 15.1 22.7#

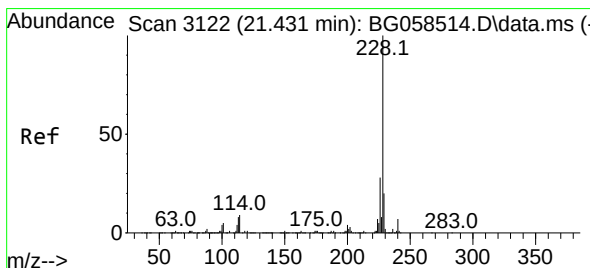
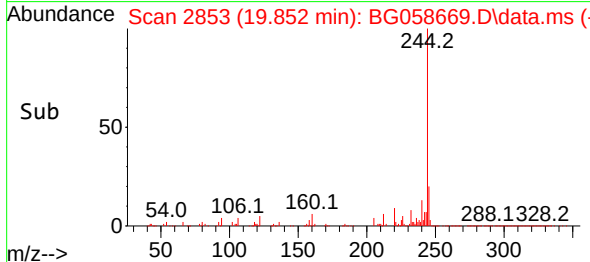
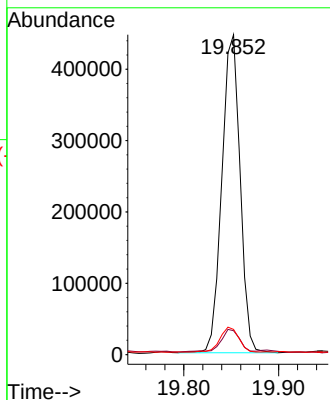
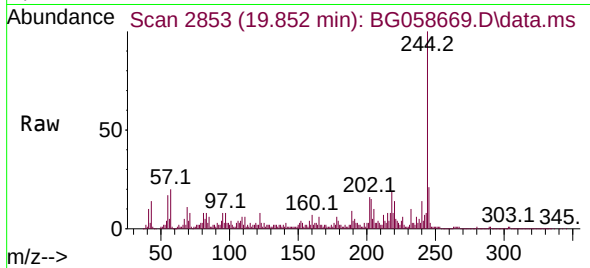




#79
 Terphenyl-d14
 Concen: 63.817 ng
 RT: 19.852 min Scan# 2849
 Delta R.T. 0.026 min
 Lab File: BG058669.D
 Acq: 9 Aug 2023 22:06

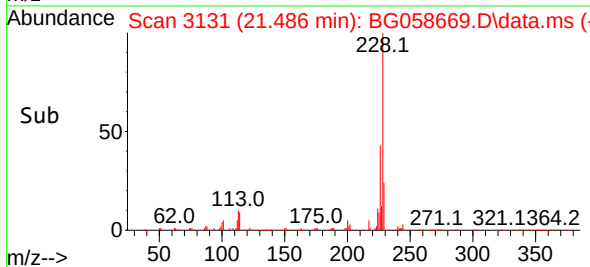
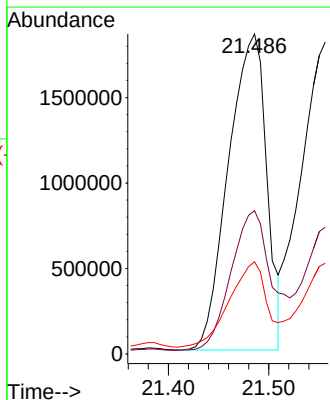
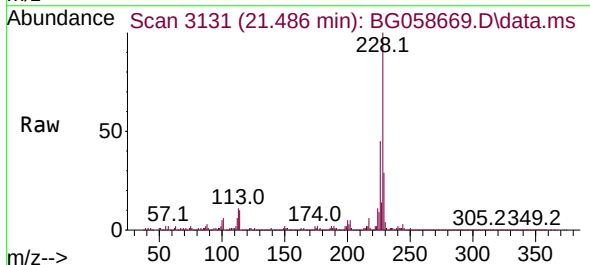
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32

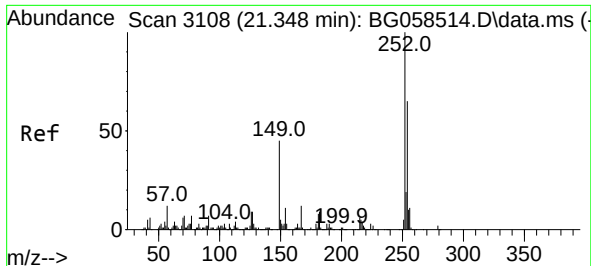
Tgt Ion:244 Resp: 595306
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 7.9 6.8 10.2



#81
 Benzo(a)anthracene
 Concen: 404.341 ng
 RT: 21.486 min Scan# 3131
 Delta R.T. 0.055 min
 Lab File: BG058669.D
 Acq: 9 Aug 2023 22:06

Tgt Ion:228 Resp: 4881387
 Ion Ratio Lower Upper
 228 100
 226 44.7 22.6 33.8#
 229 28.8 16.3 24.5#

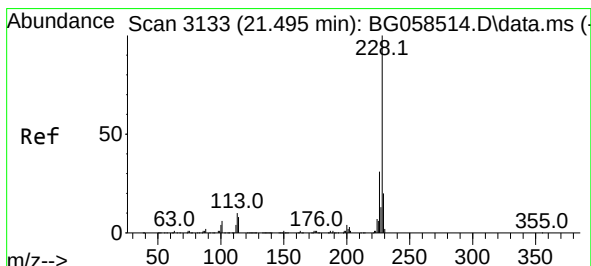
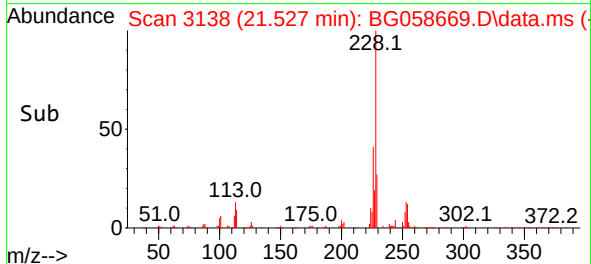
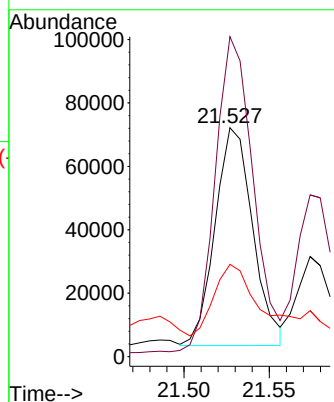
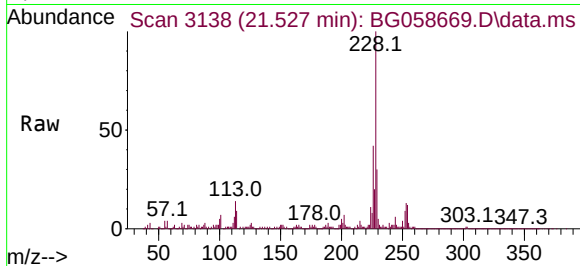




#82
 3,3'-Dichlorobenzidine
 Concen: 25.882 ng
 RT: 21.527 min Scan# 3108
 Delta R.T. 0.179 min
 Lab File: BG058669.D
 Acq: 9 Aug 2023 22:06

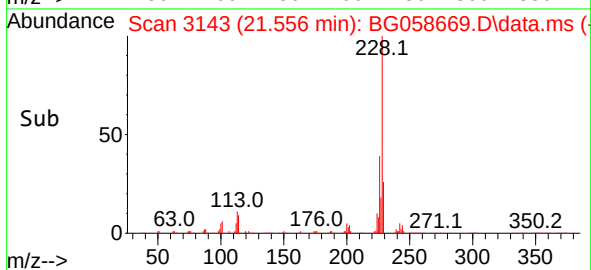
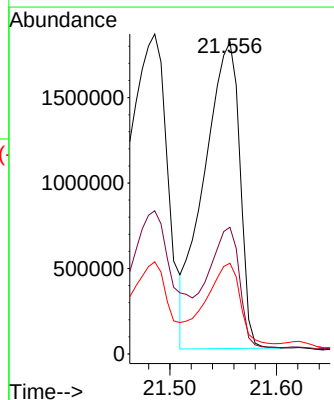
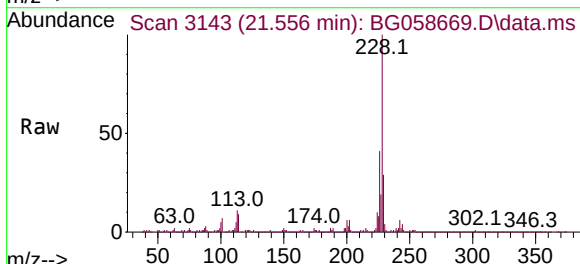
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32

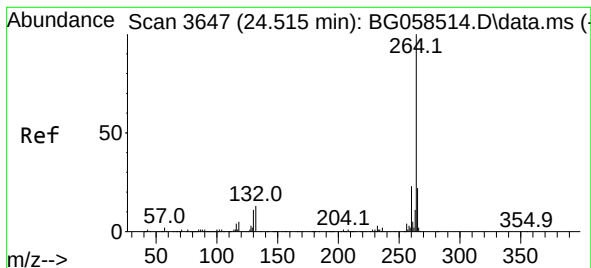
Tgt Ion:252 Resp: 105645
 Ion Ratio Lower Upper
 252 100
 254 139.9 52.2 78.4#
 126 40.3 7.2 10.8#



#83
 Chrysene
 Concen: 363.006 ng
 RT: 21.556 min Scan# 3143
 Delta R.T. 0.061 min
 Lab File: BG058669.D
 Acq: 9 Aug 2023 22:06

Tgt Ion:228 Resp: 4201778
 Ion Ratio Lower Upper
 228 100
 226 40.6 25.0 37.6#
 229 29.1 16.3 24.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.594 min Scan# 30

Delta R.T. 0.079 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32

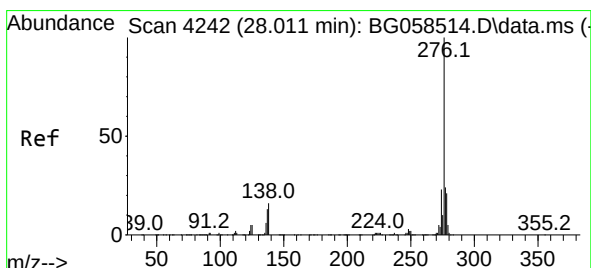
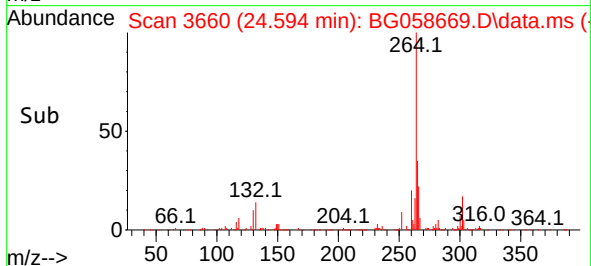
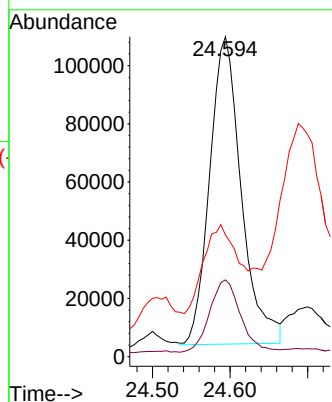
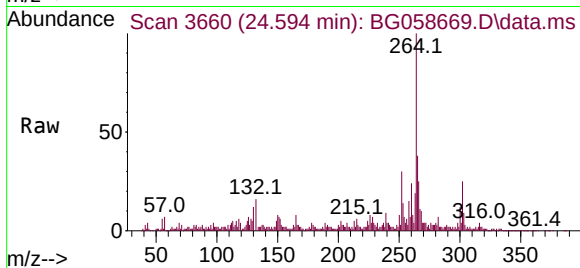
Tgt Ion:264 Resp: 300003

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 38.1 17.9 26.9#



#87

Indeno(1,2,3-cd)pyrene

Concen: 104.799 ng

RT: 28.149 min Scan# 4265

Delta R.T. 0.138 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

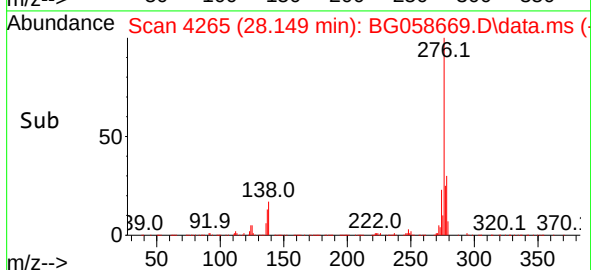
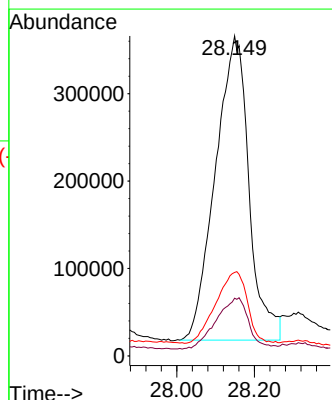
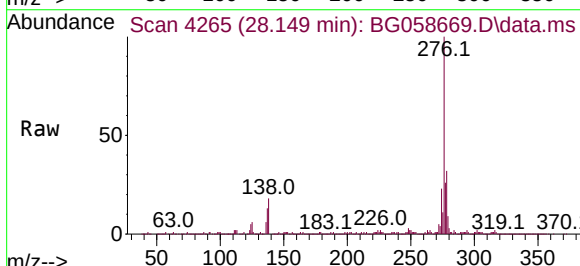
Tgt Ion:276 Resp: 2091610

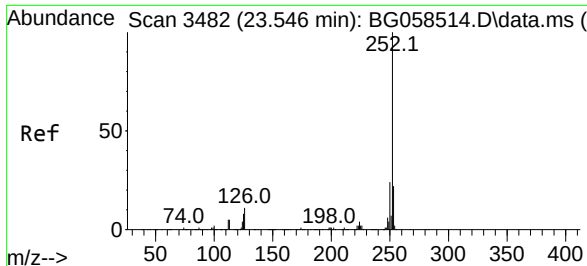
Ion Ratio Lower Upper

276 100

138 16.4 16.0 24.0

277 21.9 20.4 30.6

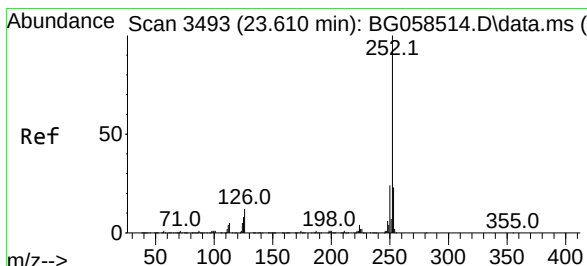
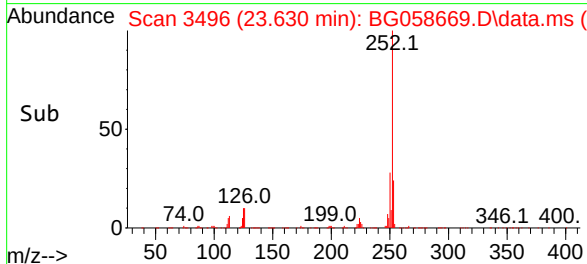
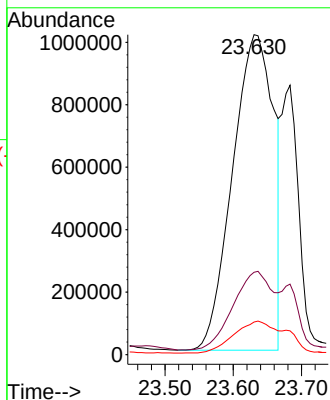
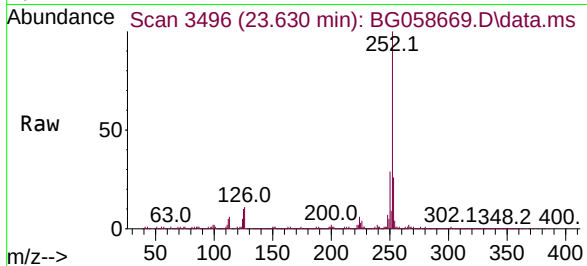




#88
Benzo(b)fluoranthene
Concen: 259.005 ng
RT: 23.630 min Scan# 3482
Delta R.T. 0.085 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

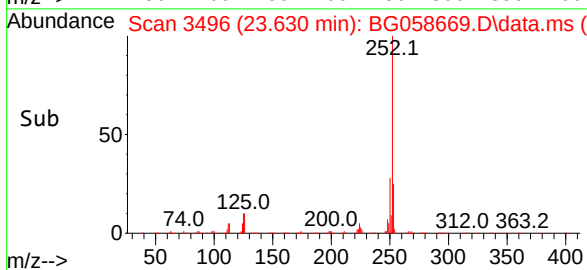
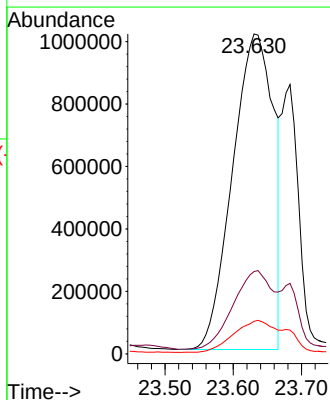
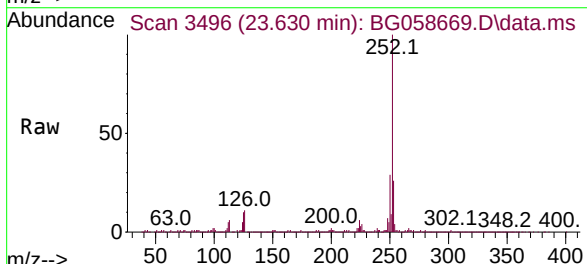
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

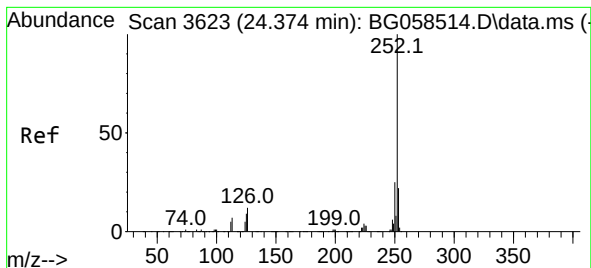
Tgt Ion:252 Resp: 4214393
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.8
125 10.2 6.6 9.8#



#89
Benzo(k)fluoranthene
Concen: 257.819 ng
RT: 23.630 min Scan# 3496
Delta R.T. 0.020 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Tgt Ion:252 Resp: 4214393
Ion Ratio Lower Upper
252 100
253 25.7 17.9 26.9
125 10.2 6.6 10.0#





#90

Benzo(a)pyrene

Concen: 335.287 ng

RT: 24.494 min Scan# 3643

Delta R.T. 0.120 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32

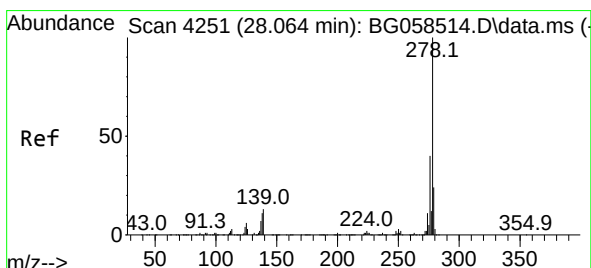
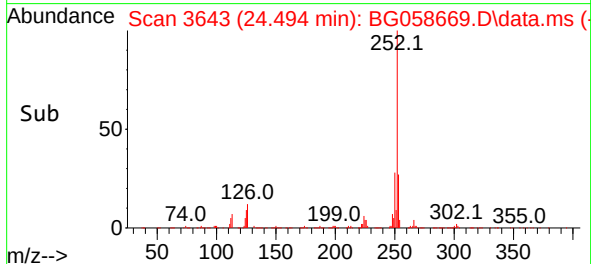
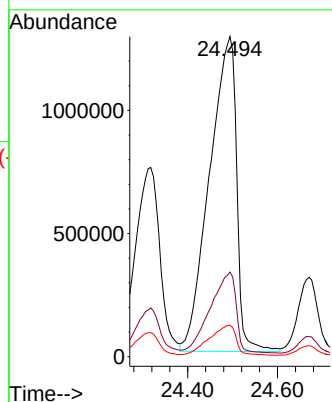
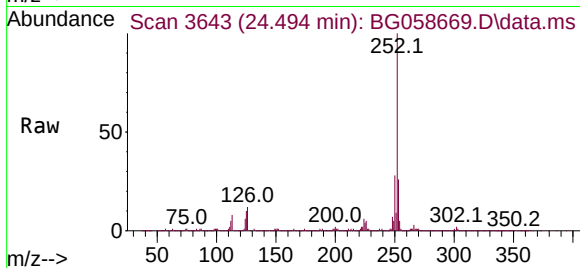
Tgt Ion:252 Resp: 5357774

Ion Ratio Lower Upper

252 100

253 26.5 17.5 26.3#

125 9.8 7.4 11.2



#91

Dibenzo(a,h)anthracene

Concen: 37.667 ng

RT: 28.566 min Scan# 4336

Delta R.T. 0.502 min

Lab File: BG058669.D

Acq: 9 Aug 2023 22:06

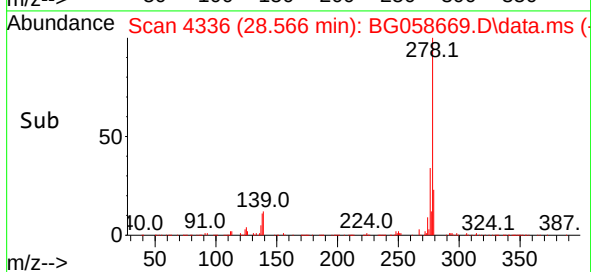
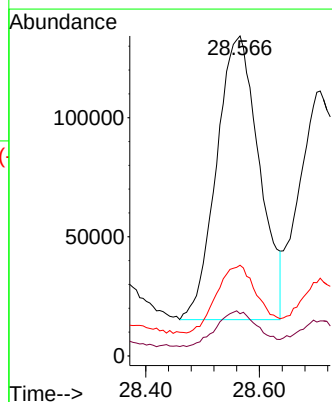
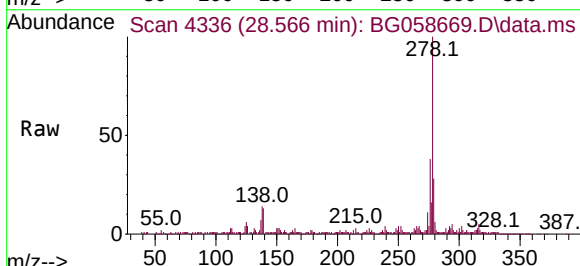
Tgt Ion:278 Resp: 621611

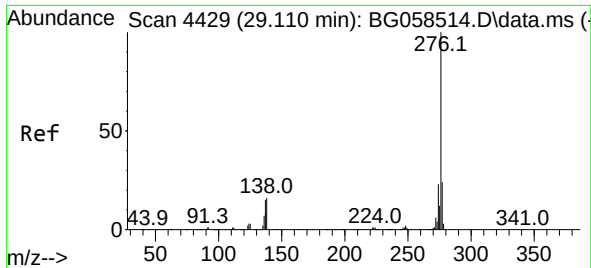
Ion Ratio Lower Upper

278 100

139 13.2 10.4 15.6

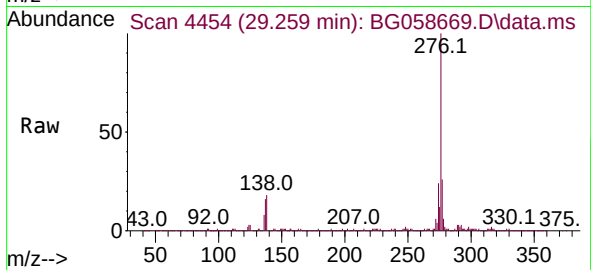
279 28.3 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 135.763 ng
RT: 29.259 min Scan# 44
Delta R.T. 0.149 min
Lab File: BG058669.D
Acq: 9 Aug 2023 22:06

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32



Tgt Ion:276 Resp: 2246628
Ion Ratio Lower Upper
276 100
277 25.8 18.9 28.3
138 17.9 13.0 19.4

