

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058639.D
 Acq On : 8 Aug 2023 12:16
 Operator : MA/JU
 Sample : PB154550BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154550BS

Quant Time: Aug 09 04:09:09 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	7.813	152	33127	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	142138	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	104317	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	269450	20.000	ng	0.00
76) Chrysene-d12	21.444	240	267127	20.000	ng	0.00
86) Perylene-d12	24.517	264	322488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	34509	15.922	ng	0.00
7) Phenol-d6	6.984	99	47284	15.679	ng	0.00
23) Nitrobenzene-d5	8.976	82	27356	9.455	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	23711	13.867	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	73276	10.527	ng	0.00
79) Terphenyl-d14	19.822	244	161116	11.342	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.265	88	6253	5.954	ng	# 93
3) Pyridine	3.670	79	11215	3.917	ng	91
4) n-Nitrosodimethylamine	3.588	42	6731	5.548	ng	# 94
6) Aniline	7.137	93	14750	3.972	ng	98
8) 2-Chlorophenol	7.384	128	11694	5.500	ng	100
9) Benzaldehyde	6.955	77	7377	4.502	ng	95
10) Phenol	7.008	94	17239	5.852	ng	98
11) bis(2-Chloroethyl)ether	7.237	93	12474	5.371	ng	98
12) 1,3-Dichlorobenzene	7.701	146	13455	5.926	ng	92
13) 1,4-Dichlorobenzene	7.848	146	13660	5.992	ng	94
14) 1,2-Dichlorobenzene	8.165	146	12853	5.897	ng	98
15) Benzyl Alcohol	8.059	79	8991	4.701	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.336	45	21823	5.784	ng	99
17) 2-Methylphenol	8.259	107	11395	5.290	ng	94
18) Hexachloroethane	8.894	117	4880	5.889	ng	95
19) n-Nitroso-di-n-propyla...	8.612	70	10193	5.233	ng	# 97
20) 3+4-Methylphenols	8.594	107	15386	5.281	ng	97
22) Acetophenone	8.641	105	19955	5.243	ng	# 97
24) Nitrobenzene	9.023	77	14137	4.806	ng	98
25) Isophorone	9.534	82	28856	4.827	ng	96
26) 2-Nitrophenol	9.734	139	5746	4.488	ng	94
27) 2,4-Dimethylphenol	9.799	122	10313	4.856	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	16311	5.014	ng	95
29) 2,4-Dichlorophenol	10.286	162	11158	5.060	ng	94
30) 1,2,4-Trichlorobenzene	10.480	180	13396	5.267	ng	99
31) Naphthalene	10.662	128	40648	5.426	ng	99
32) Benzoic acid	9.975	122	1370	5.327	ng	# 74
33) 4-Chloroaniline	10.797	127	11038	3.487	ng	# 89
34) Hexachlorobutadiene	10.944	225	8787	5.365	ng	98
35) Caprolactam	11.538	113	3185	3.911	ng	93
36) 4-Chloro-3-methylphenol	11.920	107	12937	4.742	ng	90
37) 2-Methylnaphthalene	12.278	142	27066	5.051	ng	91
38) 1-Methylnaphthalene	12.501	142	27284	5.356	ng	98
40) 1,2,4,5-Tetrachloroben...	12.648	216	15855	4.951	ng	99
41) Hexachlorocyclopentadiene	12.625	237	6132	10.584	ng	95
43) 2,4,6-Trichlorophenol	12.901	196	9987	4.534	ng	96

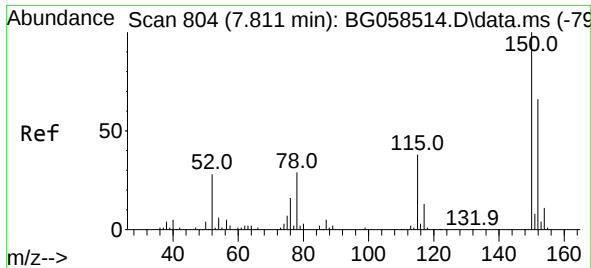
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	11108	4.281	ng	91
46) 1,1'-Biphenyl	13.289	154	37795	5.276	ng	97
47) 2-Chloronaphthalene	13.336	162	29523	5.285	ng	99
48) 2-Nitroaniline	13.547	65	9650	4.526	ng	92
49) Acenaphthylene	14.182	152	50185	5.366	ng	97
50) Dimethylphthalate	13.911	163	40908	5.222	ng	99
51) 2,6-Dinitrotoluene	14.035	165	8006	4.657	ng	# 91
52) Acenaphthene	14.522	154	28778	5.326	ng	92
53) 3-Nitroaniline	14.387	138	6345	3.689	ng	88
54) 2,4-Dinitrophenol	14.616	184	2997	10.288	ng	92
55) Dibenzofuran	14.857	168	50289	5.416	ng	99
56) 4-Nitrophenol	14.734	139	5888	7.753	ng	91
57) 2,4-Dinitrotoluene	14.834	165	10851	4.553	ng	# 86
58) Fluorene	15.509	166	40689	5.516	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.092	232	11325	5.115	ng	# 95
60) Diethylphthalate	15.274	149	43088	5.399	ng	98
61) 4-Chlorophenyl-phenyle...	15.504	204	22276	5.417	ng	99
62) 4-Nitroaniline	15.551	138	6976	4.282	ng	87
63) Azobenzene	15.791	77	40377	5.136	ng	99
65) 4,6-Dinitro-2-methylph...	15.609	198	4685	3.153	ng	86
66) n-Nitrosodiphenylamine	15.715	169	34580	4.931	ng	98
67) 4-Bromophenyl-phenylether	16.397	248	14588	4.773	ng	96
68) Hexachlorobenzene	16.514	284	17517	5.409	ng	98
69) Atrazine	16.661	200	14086	5.950	ng	99
70) Pentachlorophenol	16.878	266	7540	3.847	ng	91
71) Phenanthrene	17.249	178	69375	5.429	ng	99
72) Anthracene	17.343	178	68323	5.211	ng	97
73) Carbazole	17.619	167	63702	5.509	ng	97
74) Di-n-butylphthalate	18.165	149	77773	5.370	ng	98
75) Fluoranthene	19.264	202	87321	5.689	ng	99
77) Benzidine	19.458	184	35456	8.753	ng	98
78) Pyrene	19.628	202	94596	5.203	ng	96
80) Butylbenzylphthalate	20.515	149	33399	4.473	ng	99
81) Benzo(a)anthracene	21.426	228	94793	5.156	ng	96
82) 3,3'-Dichlorobenzidine	21.361	252	28590	4.600	ng	96
83) Chrysene	21.491	228	91307	5.180	ng	95
84) Bis(2-ethylhexyl)phtha...	21.332	149	50198	4.600	ng	# 98
85) Di-n-octyl phthalate	22.484	149	87525	4.562	ng	97
87) Indeno(1,2,3-cd)pyrene	28.012	276	109528	5.105	ng	# 86
88) Benzo(b)fluoranthene	23.541	252	94993	5.431	ng	96
89) Benzo(k)fluoranthene	23.541	252	94993	5.406	ng	97
90) Benzo(a)pyrene	24.376	252	82138	4.782	ng	99
91) Dibenzo(a,h)anthracene	28.065	278	89382	5.039	ng	98
92) Benzo(g,h,i)perylene	29.094	276	88262	4.962	ng	97

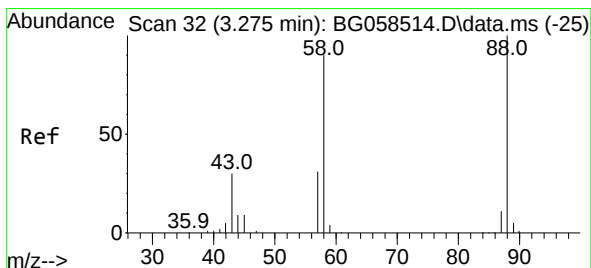
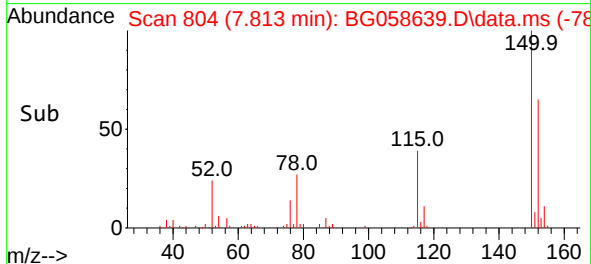
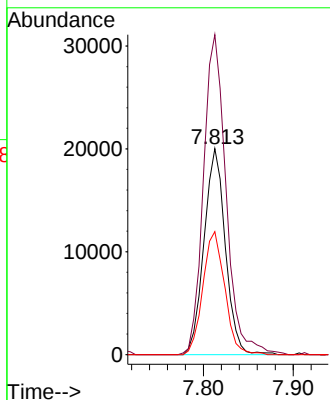
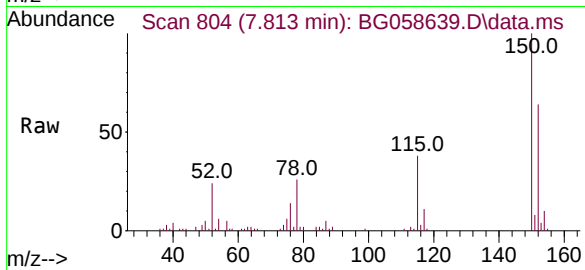
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.813 min Scan# 80
 Delta R.T. 0.002 min
 Lab File: BG058639.D
 Acq: 8 Aug 2023 12:16

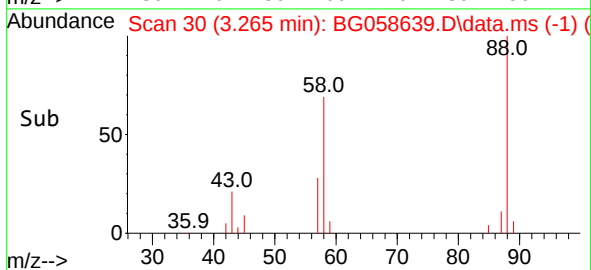
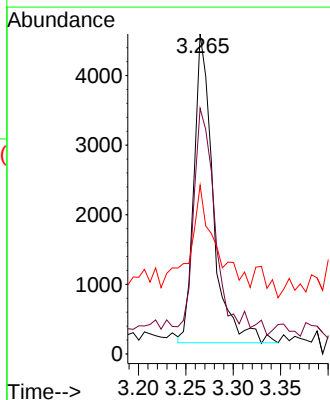
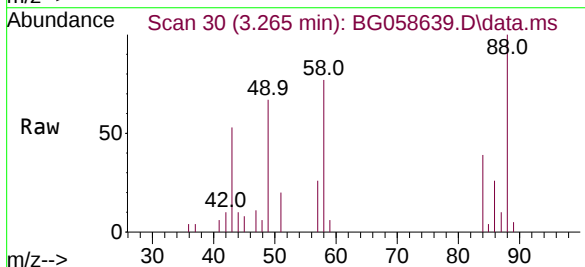
Instrument :
 BNA_G
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 PB154550BS

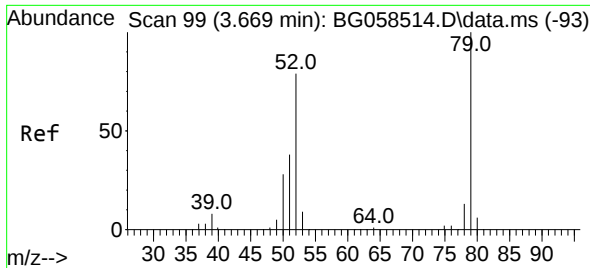
Tgt Ion:152 Resp: 33127
 Ion Ratio Lower Upper
 152 100
 150 155.4 120.5 180.7
 115 59.7 45.9 68.9



#2
 1,4-Dioxane
 Concen: 5.954 ng
 RT: 3.265 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG058639.D
 Acq: 8 Aug 2023 12:16

Tgt Ion: 88 Resp: 6253
 Ion Ratio Lower Upper
 88 100
 58 85.0 68.9 103.3
 43 41.8 22.9 34.3#

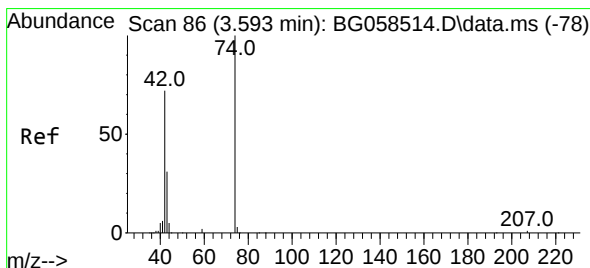
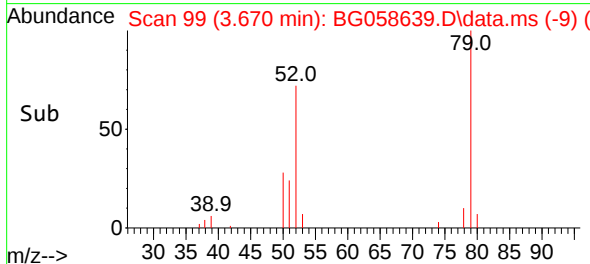
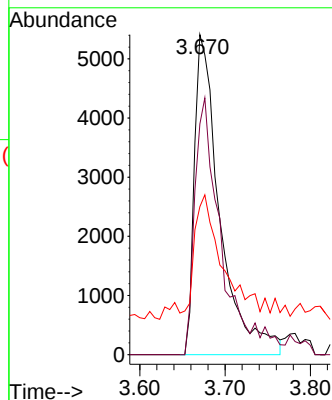
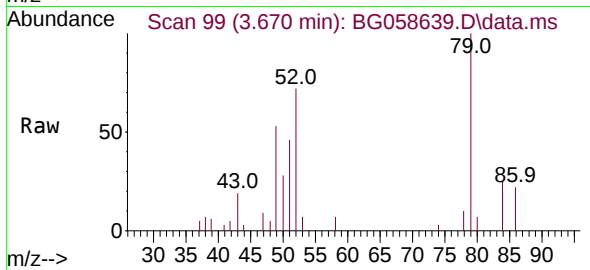




#3
 Pyridine
 Concen: 3.917 ng
 RT: 3.670 min Scan# 99
 Delta R.T. 0.001 min
 Lab File: BG058639.D
 Acq: 8 Aug 2023 12:16

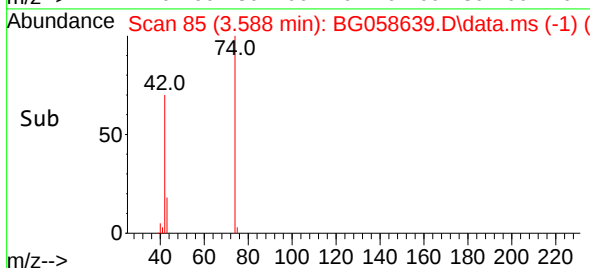
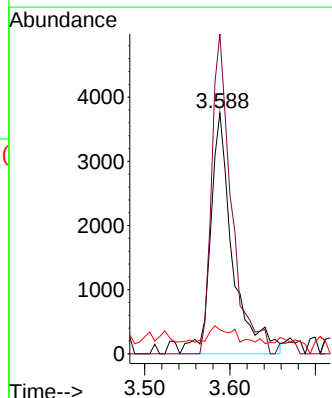
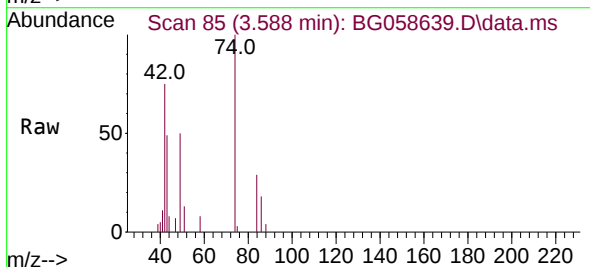
Instrument :
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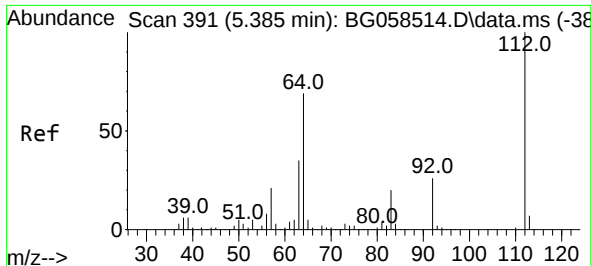
Tgt Ion:	79	Resp:	11215
Ion	Ratio	Lower	Upper
79	100		
52	72.1	63.2	94.8
51	46.2	31.9	47.9



#4
 n-Nitrosodimethylamine
 Concen: 5.548 ng
 RT: 3.588 min Scan# 85
 Delta R.T. -0.004 min
 Lab File: BG058639.D
 Acq: 8 Aug 2023 12:16

Tgt Ion:	42	Resp:	6731
Ion	Ratio	Lower	Upper
42	100		
74	132.8	111.5	167.3
44	10.0	5.4	8.2

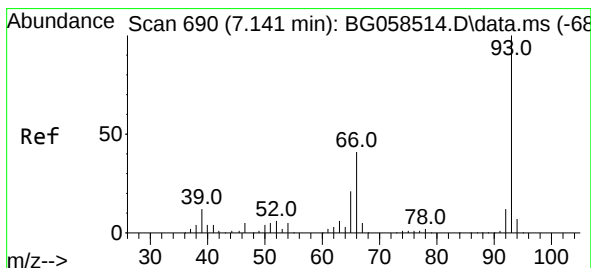
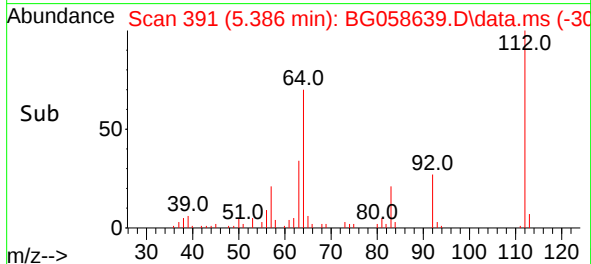
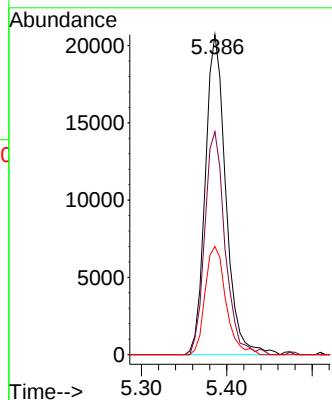
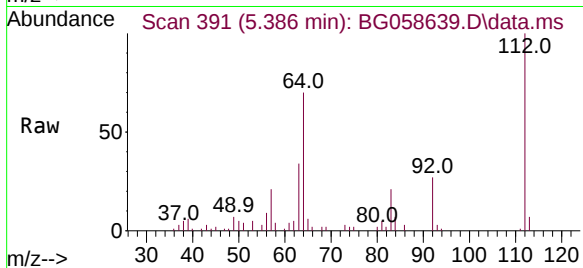




#5
2-Fluorophenol
Concen: 15.922 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

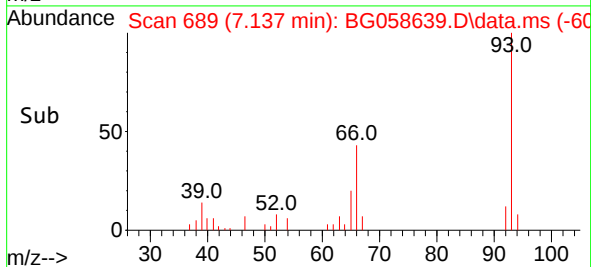
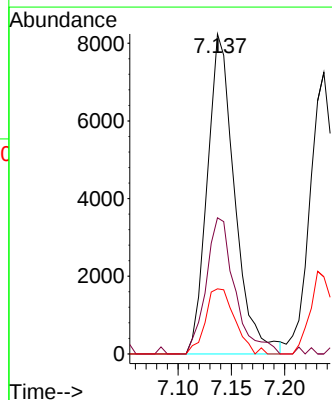
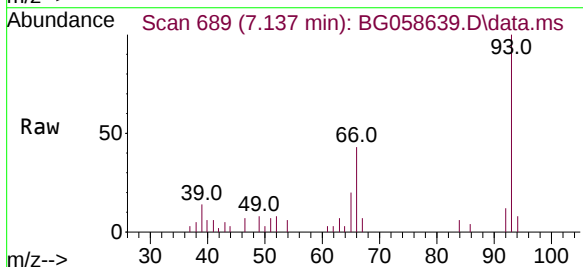
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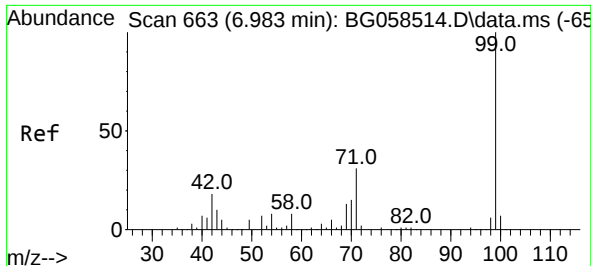
Tgt Ion:112 Resp: 34509
Ion Ratio Lower Upper
112 100
64 69.7 55.3 82.9
63 33.8 28.3 42.5



#6
Aniline
Concen: 3.972 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion: 93 Resp: 14750
Ion Ratio Lower Upper
93 100
66 42.5 33.1 49.7
65 20.3 17.0 25.4

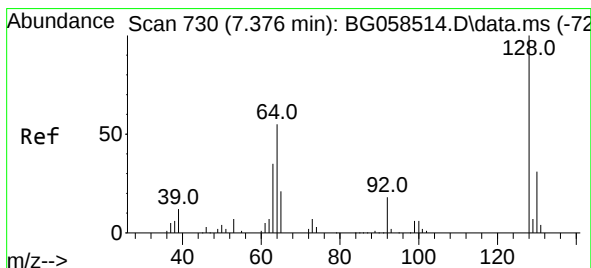
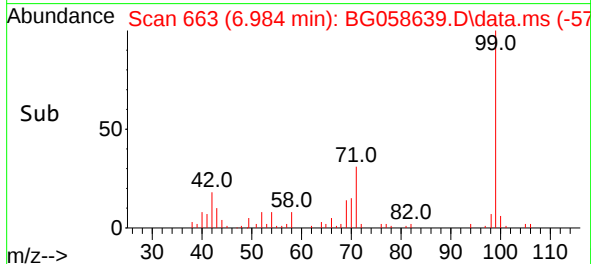
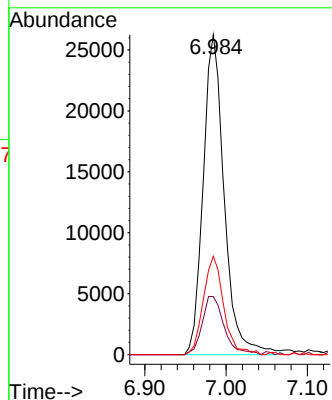
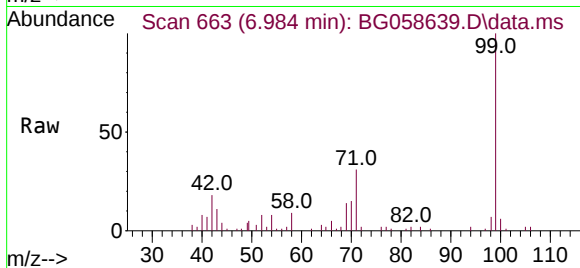




#7
Phenol-d6
Concen: 15.679 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

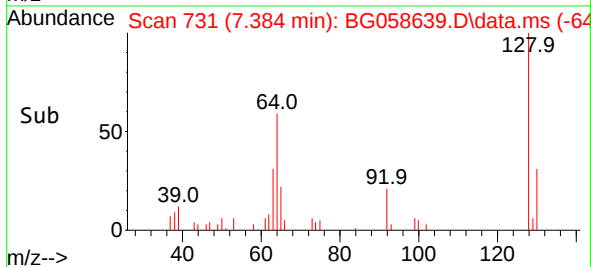
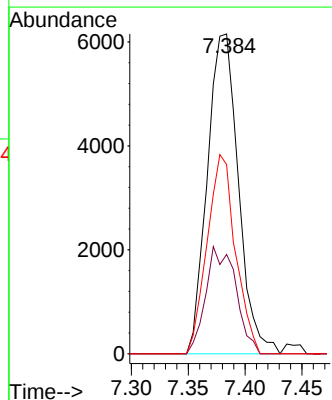
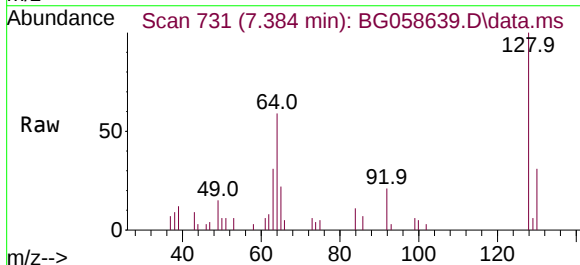
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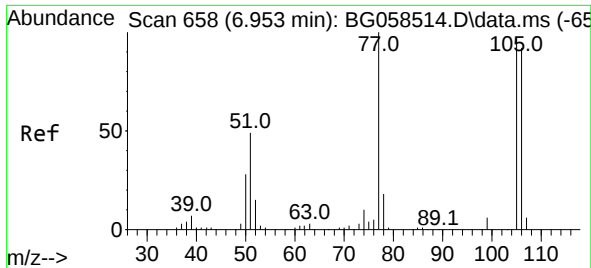
Tgt Ion: 99 Resp: 47284
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.7 25.0 37.4



#8
2-Chlorophenol
Concen: 5.500 ng
RT: 7.384 min Scan# 731
Delta R.T. 0.007 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:128 Resp: 11694
Ion Ratio Lower Upper
128 100
130 31.1 10.9 50.9
64 59.2 39.0 79.0

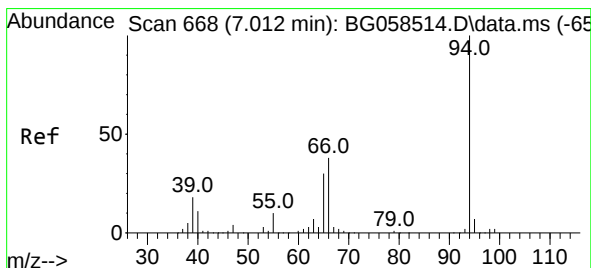
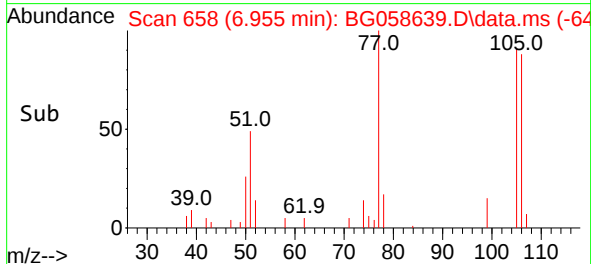
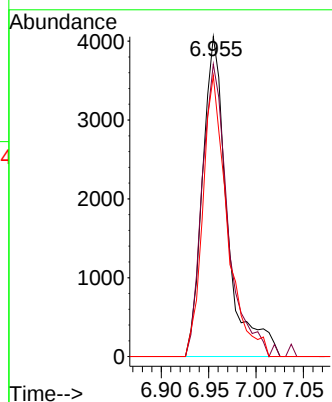
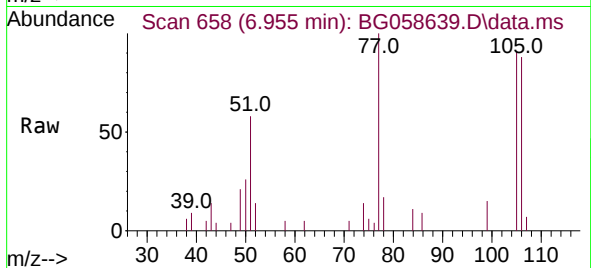




#9
Benzaldehyde
Concen: 4.502 ng
RT: 6.955 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

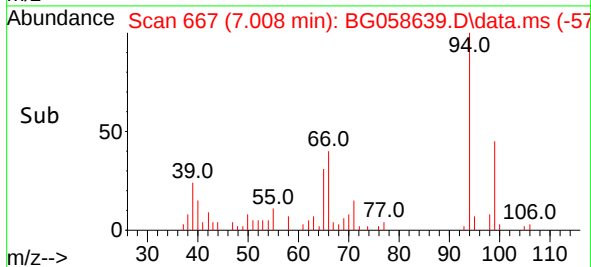
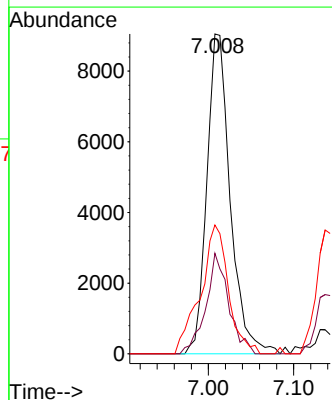
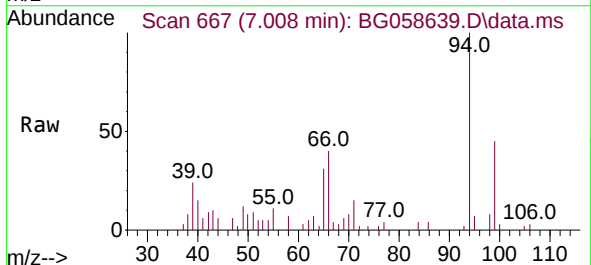
Instrument :
BNA_G
ClientSampleId :
PB154550BS

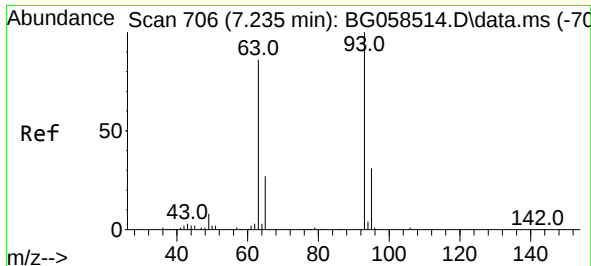
Tgt Ion: 77	Resp: 7377		
Ion Ratio	Lower	Upper	
77 100			
105 91.4	77.1	117.1	
106 87.8	71.6	111.6	



#10
Phenol
Concen: 5.852 ng
RT: 7.008 min Scan# 667
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion: 94	Resp: 17239
Ion Ratio	Lower Upper
94 100	
65 31.4	10.4 50.4
66 40.3	18.7 58.7

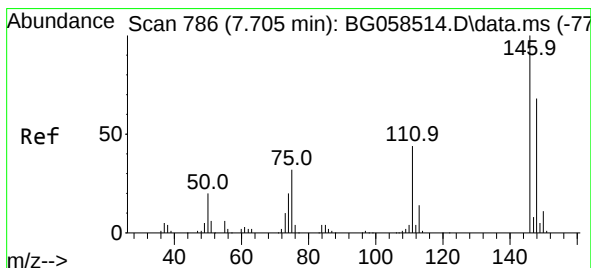
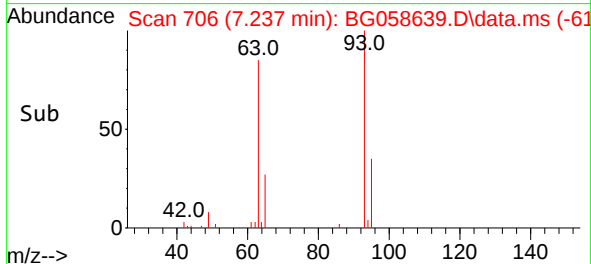
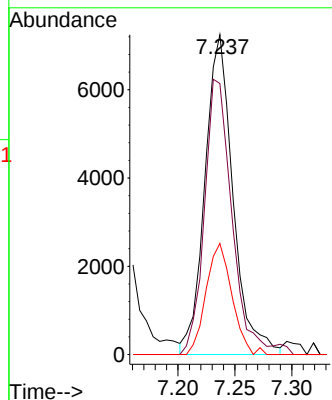
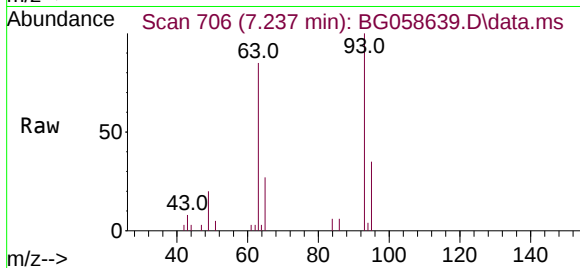




#11
bis(2-Chloroethyl)ether
Concen: 5.371 ng
RT: 7.237 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

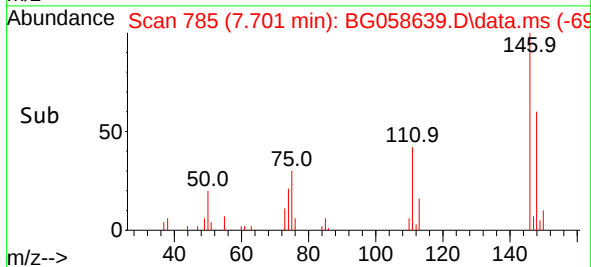
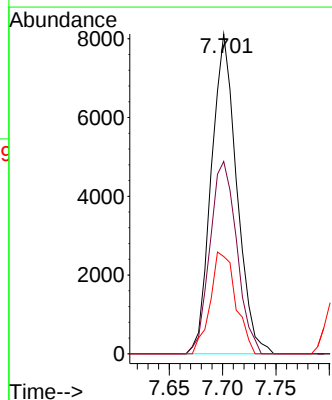
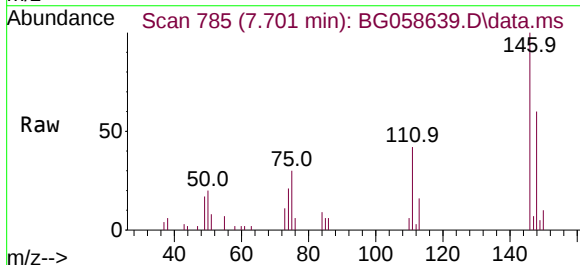
Instrument :
BNA_G
ClientSampleId :
PB154550BS

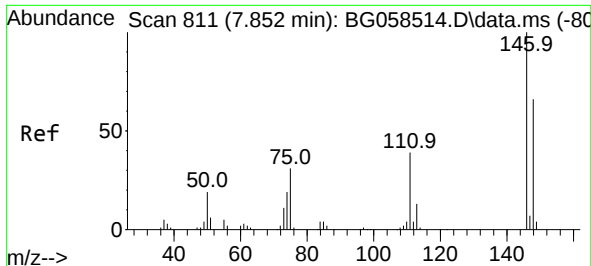
Tgt Ion: 93 Resp: 12474
Ion Ratio Lower Upper
93 100
63 84.7 65.5 105.5
95 34.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 5.926 ng
RT: 7.701 min Scan# 785
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion: 146 Resp: 13455
Ion Ratio Lower Upper
146 100
148 60.1 54.7 82.1
75 30.4 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 5.992 ng

RT: 7.848 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

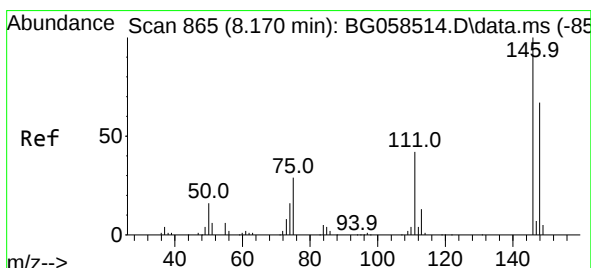
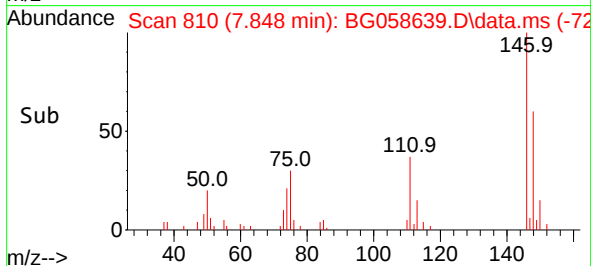
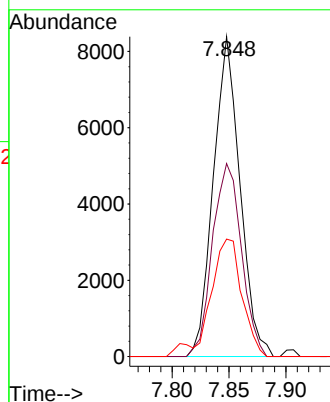
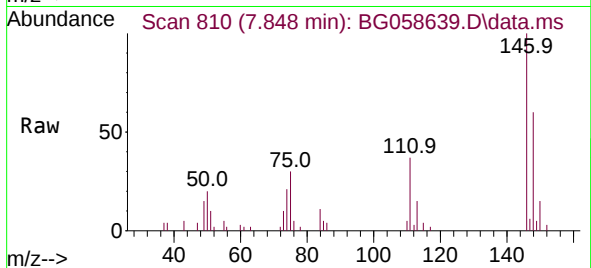
Tgt Ion:146 Resp: 13660

Ion Ratio Lower Upper

146 100

148 60.3 52.8 79.2

111 36.7 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 5.897 ng

RT: 8.165 min Scan# 864

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

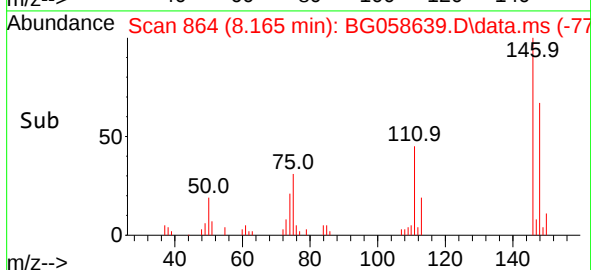
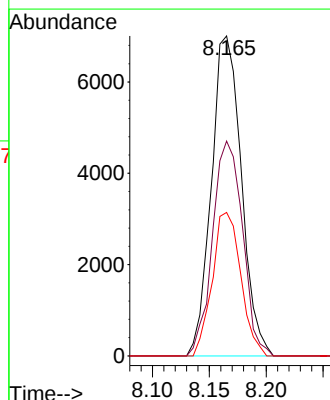
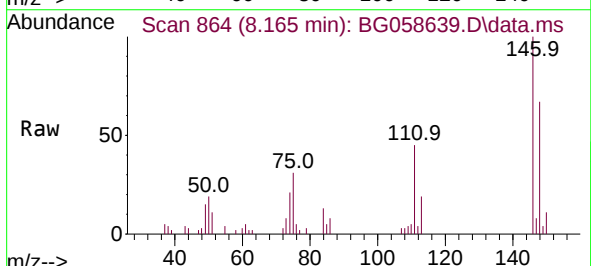
Tgt Ion:146 Resp: 12853

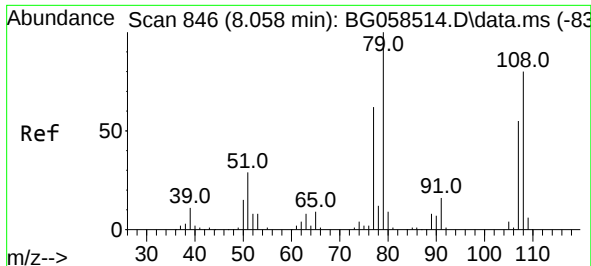
Ion Ratio Lower Upper

146 100

148 67.1 53.4 80.2

111 44.8 34.2 51.2

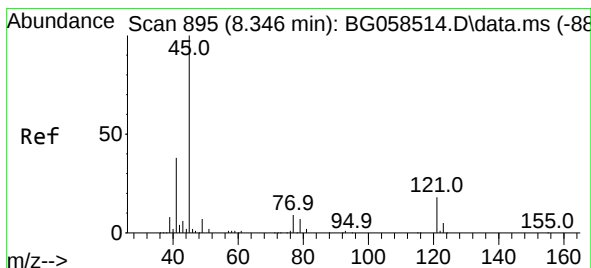
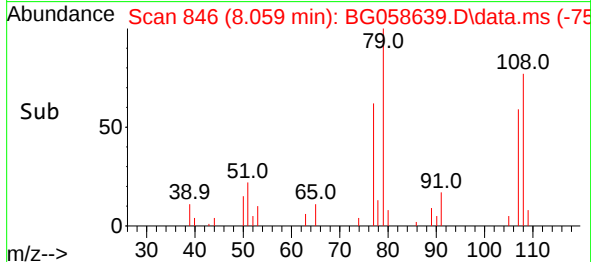
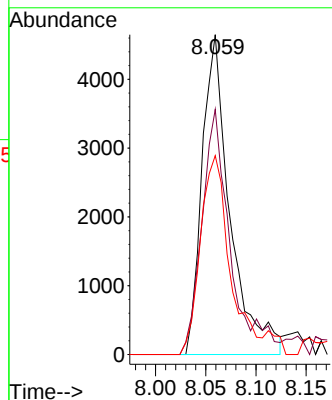
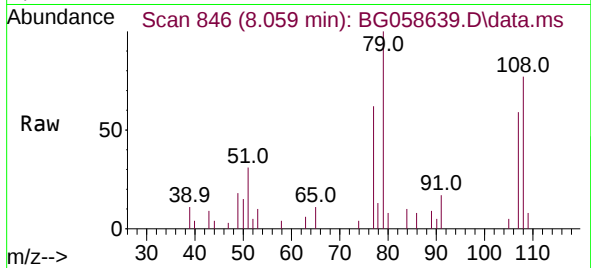




#15
Benzyl Alcohol
Concen: 4.701 ng
RT: 8.059 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

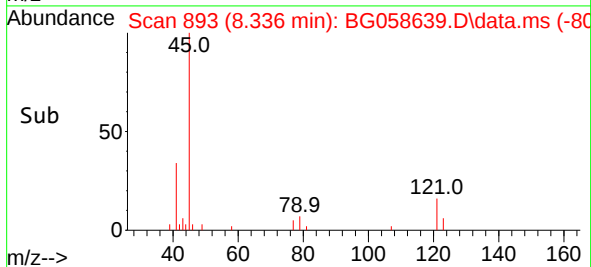
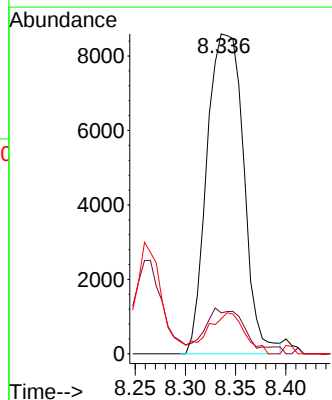
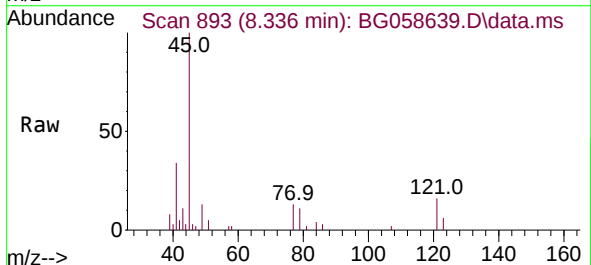
Instrument :
BNA_G
ClientSampleId :
PB154550BS

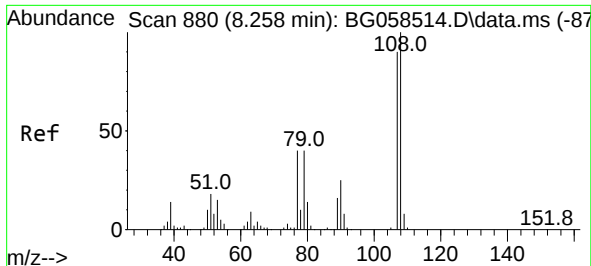
Tgt Ion: 79	Resp: 8991
Ion Ratio	Lower Upper
79 100	
108 76.6	63.8 95.6
77 62.2	49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.784 ng
RT: 8.336 min Scan# 893
Delta R.T. -0.010 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion: 45	Resp: 21823
Ion Ratio	Lower Upper
45 100	
77 12.8	0.0 32.6
79 10.9	0.0 30.2





#17

2-Methylphenol

Concen: 5.290 ng

RT: 8.259 min Scan# 880

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

Tgt Ion:107 Resp: 11395

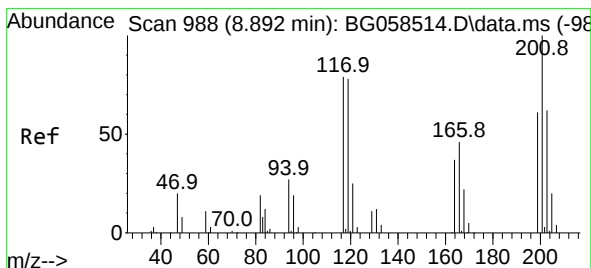
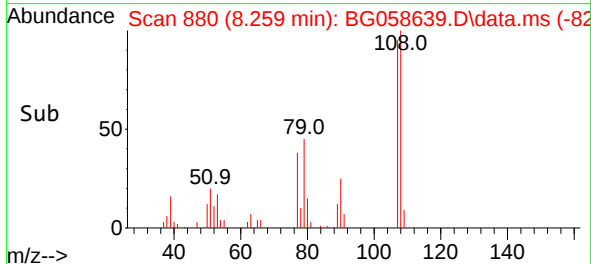
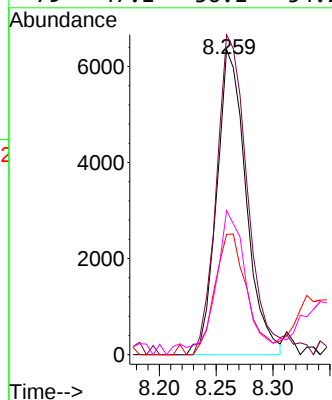
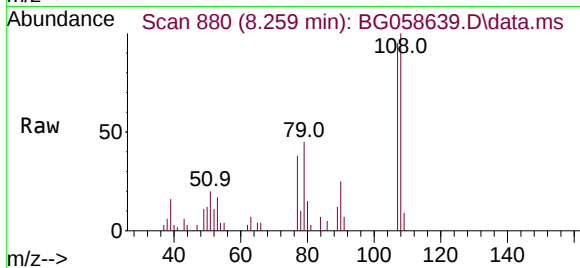
Ion Ratio Lower Upper

107 100

108 104.9 89.1 133.7

77 39.4 36.2 54.4

79 47.1 36.1 54.1



#18

Hexachloroethane

Concen: 5.889 ng

RT: 8.894 min Scan# 988

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

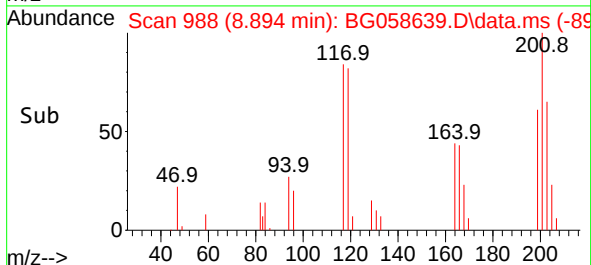
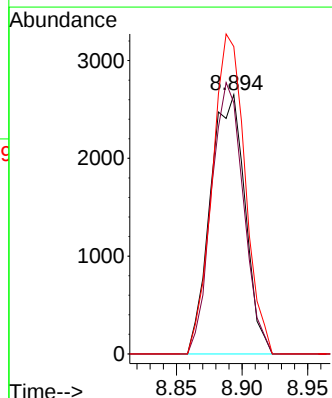
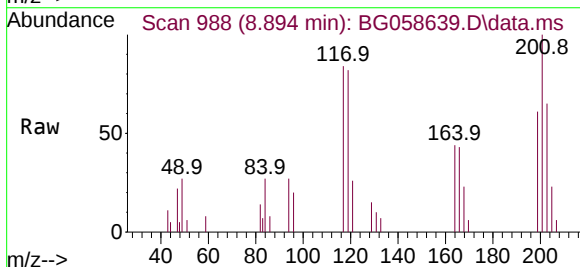
Tgt Ion:117 Resp: 4880

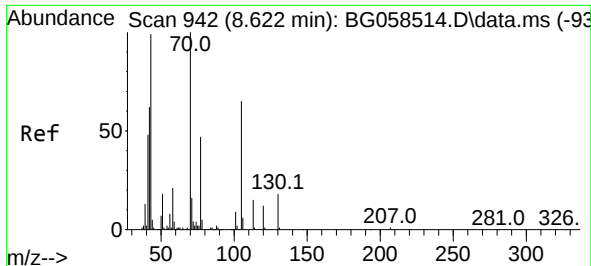
Ion Ratio Lower Upper

117 100

119 96.9 78.6 117.8

201 118.6 101.4 152.0

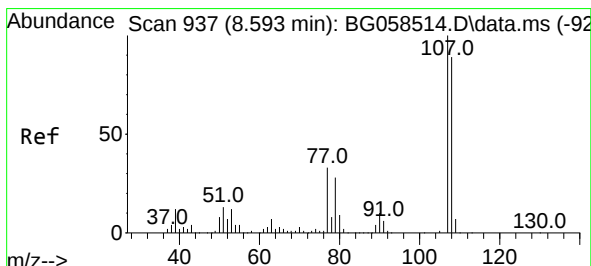
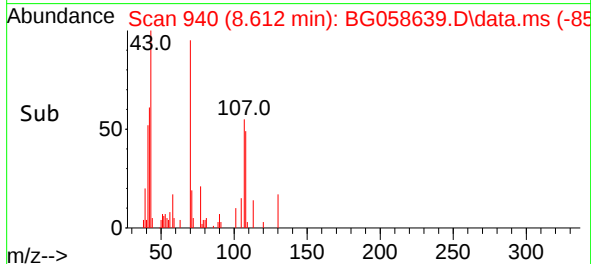
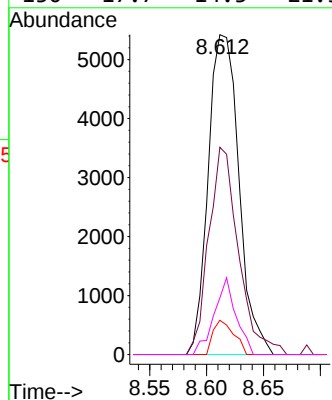
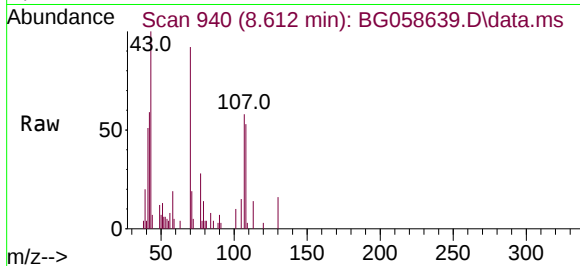




#19
n-Nitroso-di-n-propylamine
Concen: 5.233 ng
RT: 8.612 min Scan# 940
Delta R.T. -0.010 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

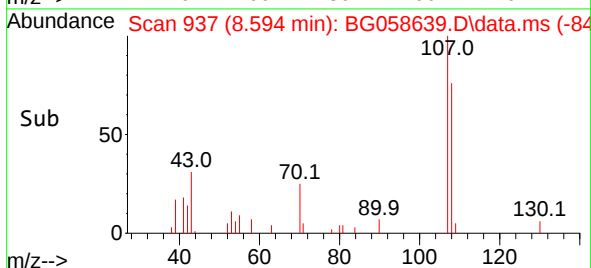
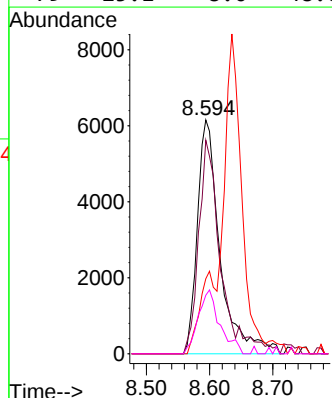
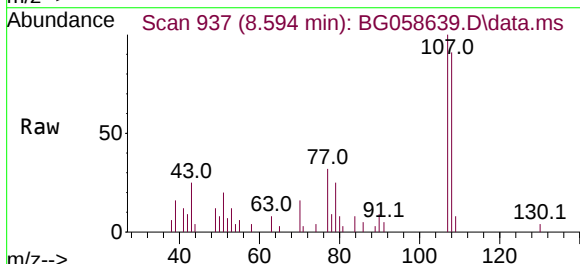
Instrument :
BNA_G
ClientSampleId :
PB154550BS

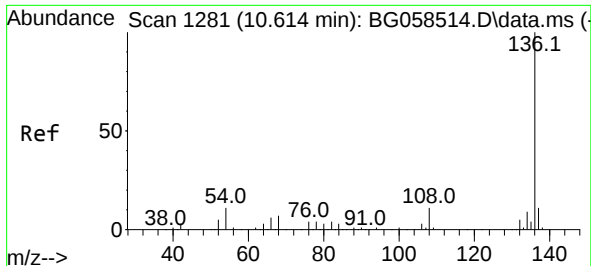
Tgt Ion:	70	Resp:	10193
Ion	Ratio	Lower	Upper
70	100		
42	64.8	49.7	74.5
101	10.7	7.0	10.4
130	17.7	14.3	21.5



#20
3+4-Methylphenols
Concen: 5.281 ng
RT: 8.594 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:	107	Resp:	15386
Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.4	109.4
77	32.1	13.0	53.0
79	25.1	8.0	48.0





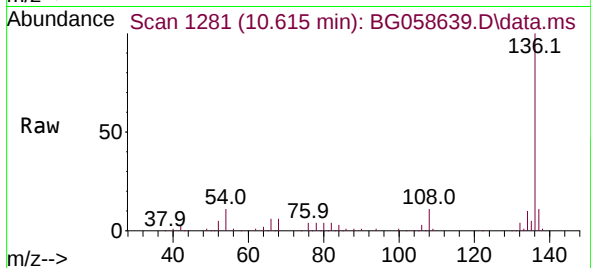
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Instrument :

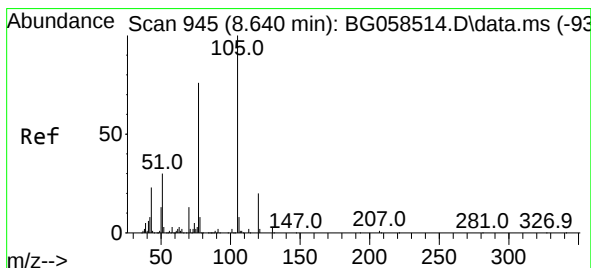
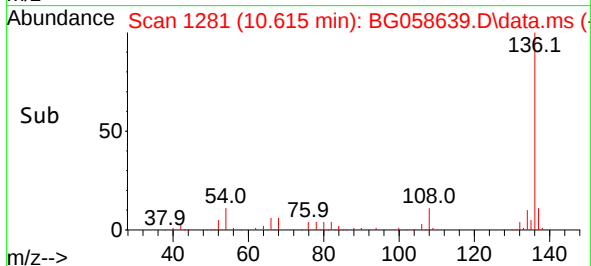
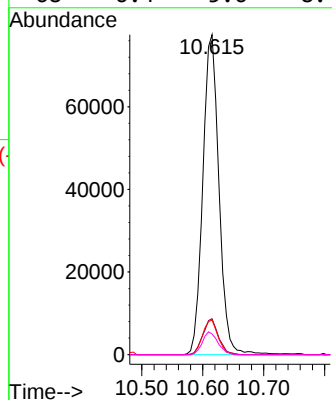
BNA_G

ClientSampleId :

PB154550BS

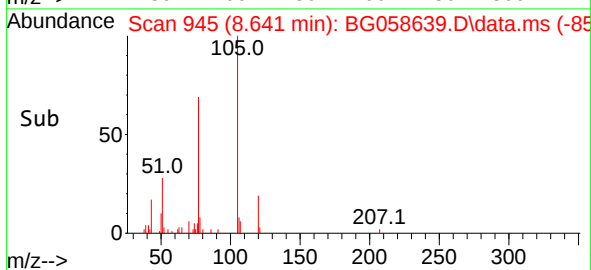
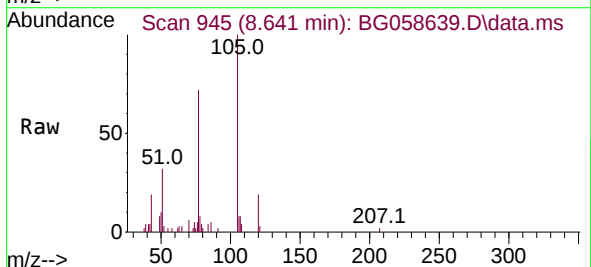
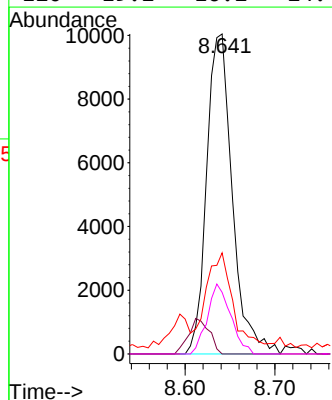


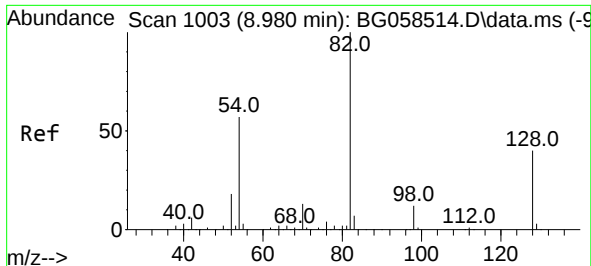
Tgt Ion:	136	Resp:	142138
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	10.8	8.9	13.3
68	6.4	5.6	8.4



#22
Acetophenone
Concen: 5.243 ng
RT: 8.641 min Scan# 945
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:	105	Resp:	19955
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.8	2.6
51	31.6	24.2	36.2
120	19.2	16.2	24.4





#23

Nitrobenzene-d5

Concen: 9.455 ng

RT: 8.976 min Scan# 10

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

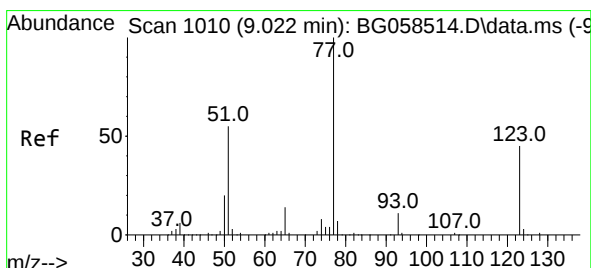
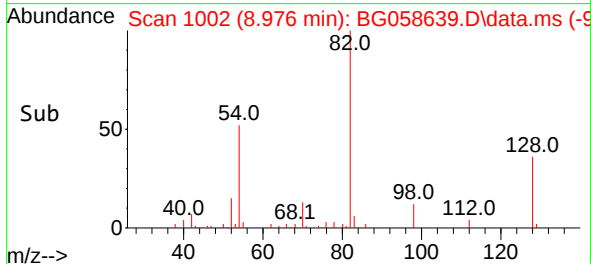
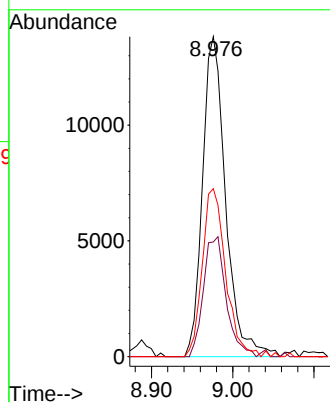
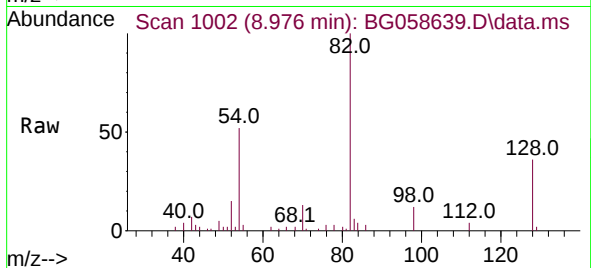
Tgt Ion: 82 Resp: 27356

Ion Ratio Lower Upper

82 100

128 35.8 32.2 48.2

54 52.5 46.0 69.0



#24

Nitrobenzene

Concen: 4.806 ng

RT: 9.023 min Scan# 1010

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

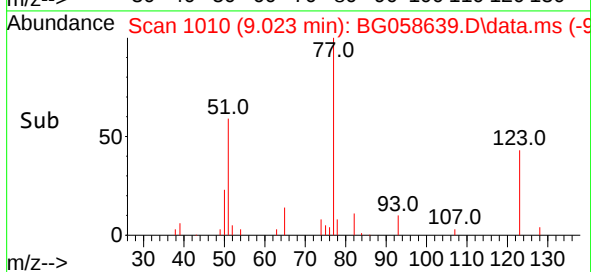
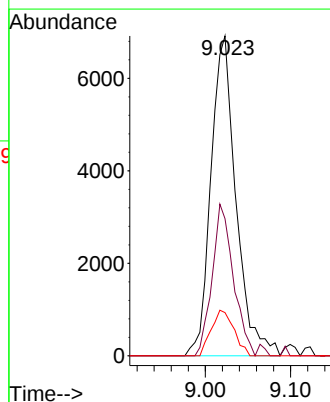
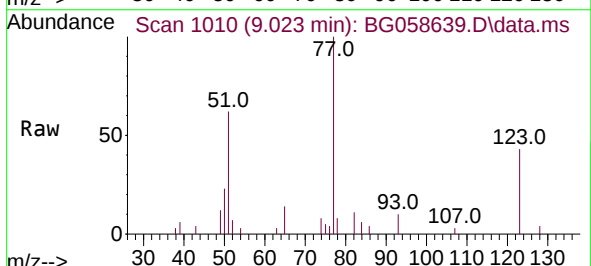
Tgt Ion: 77 Resp: 14137

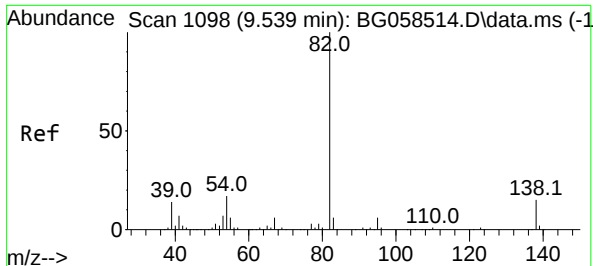
Ion Ratio Lower Upper

77 100

123 42.9 35.6 53.4

65 13.5 11.4 17.0

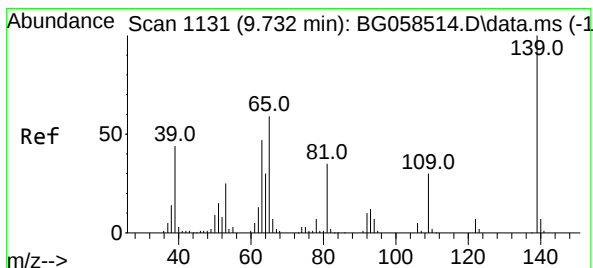
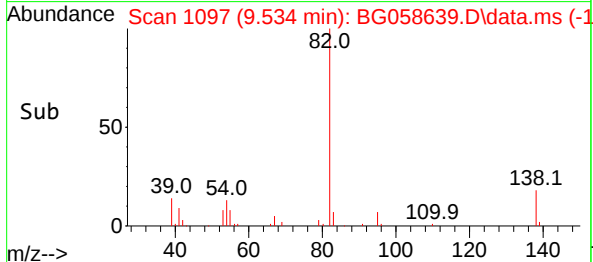
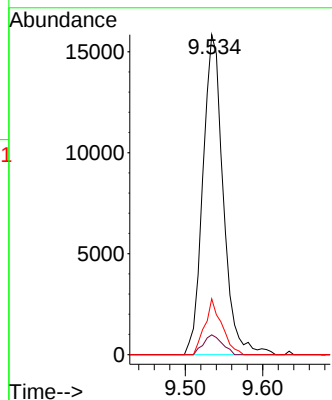
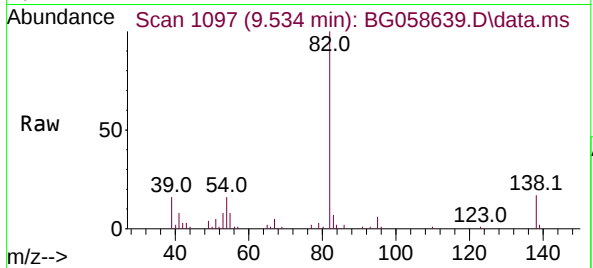




#25
Isophorone
Concen: 4.827 ng
RT: 9.534 min Scan# 1098
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

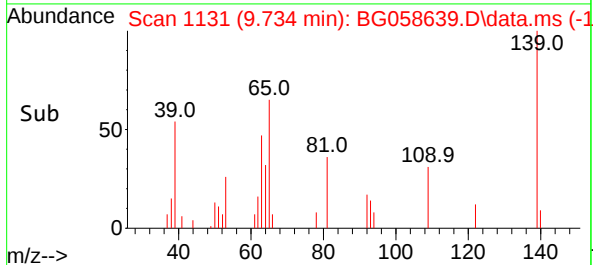
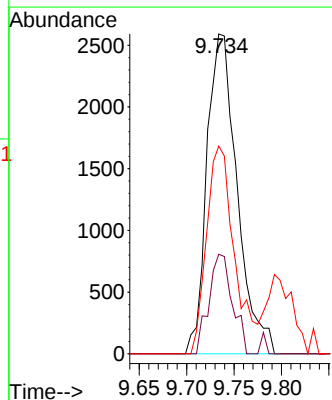
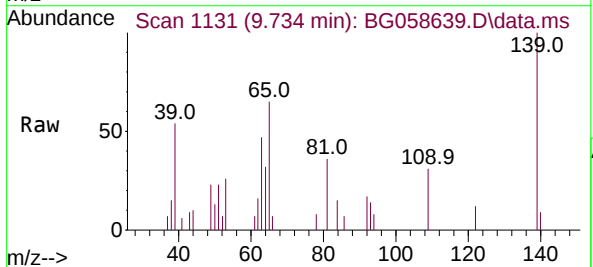
Instrument :
BNA_G
ClientSampleId :
PB154550BS

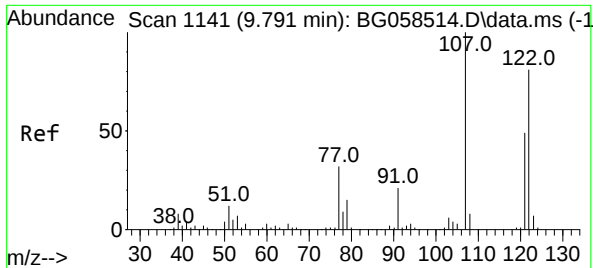
Tgt Ion: 82 Resp: 28856
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 17.4 11.9 17.9



#26
2-Nitrophenol
Concen: 4.488 ng
RT: 9.734 min Scan# 1131
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion: 139 Resp: 5746
Ion Ratio Lower Upper
139 100
109 31.1 24.2 36.2
65 64.9 47.0 70.4

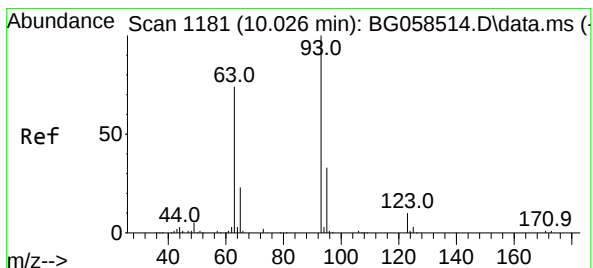
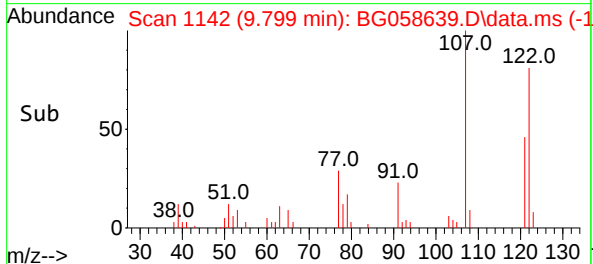
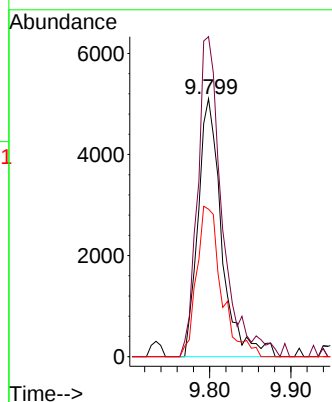
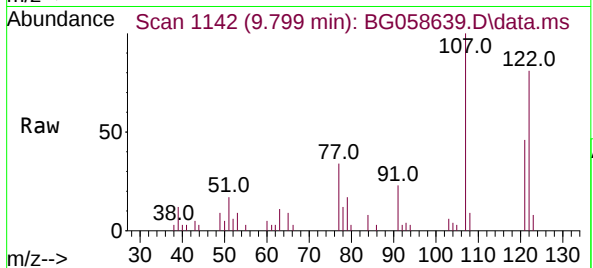




#27
2,4-Dimethylphenol
Concen: 4.856 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.007 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

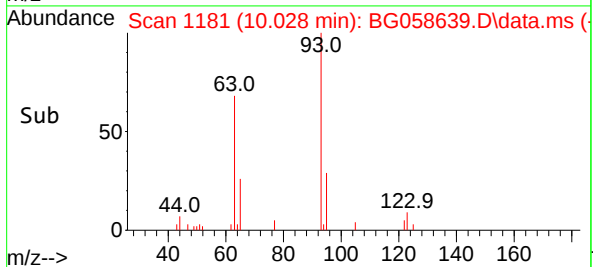
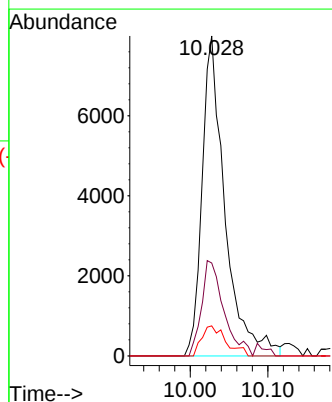
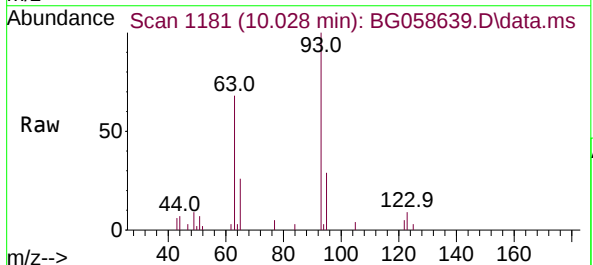
Instrument :
BNA_G
ClientSampleId :
PB154550BS

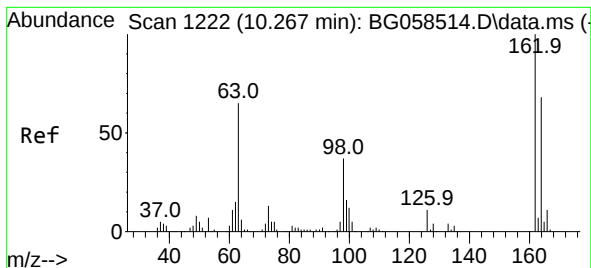
Tgt Ion:122 Resp: 10313
Ion Ratio Lower Upper
122 100
107 124.1 98.0 147.0
121 57.2 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 5.014 ng
RT: 10.028 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion: 93 Resp: 16311
Ion Ratio Lower Upper
93 100
95 29.0 26.0 39.0
123 9.4 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 5.060 ng

RT: 10.286 min Scan# 1225

Delta R.T. 0.019 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

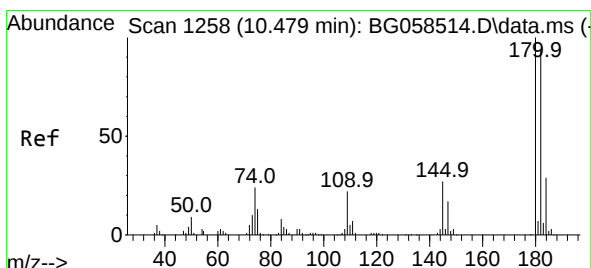
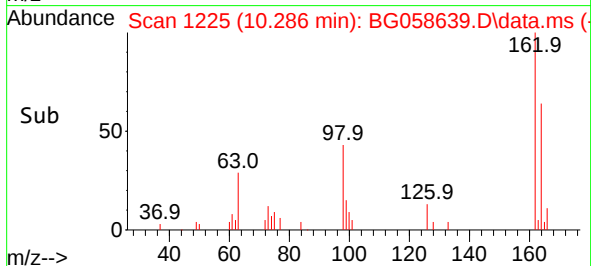
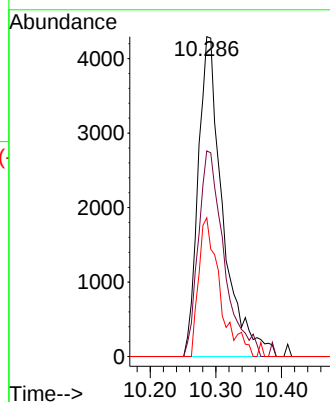
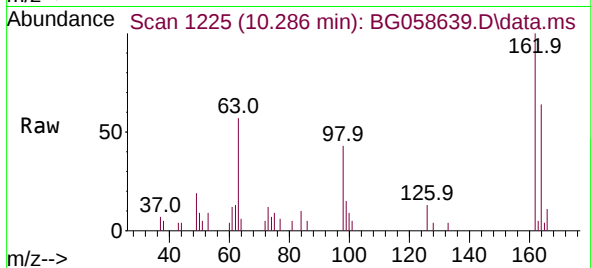
Tgt Ion:162 Resp: 11158

Ion Ratio Lower Upper

162 100

164 64.3 47.6 87.6

98 43.4 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 5.267 ng

RT: 10.480 min Scan# 1258

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

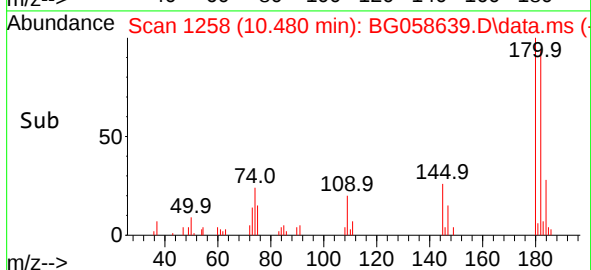
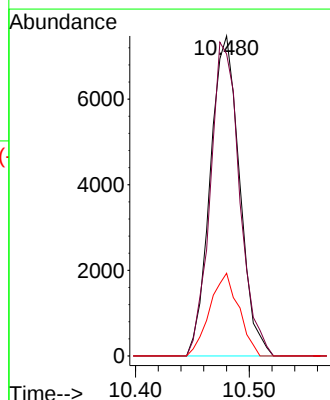
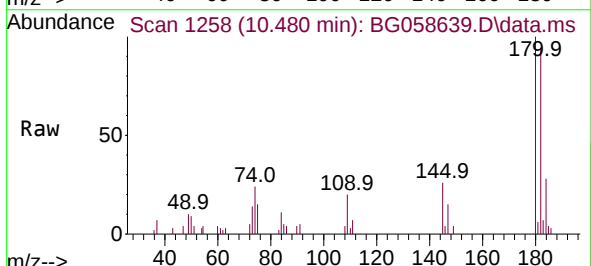
Tgt Ion:180 Resp: 13396

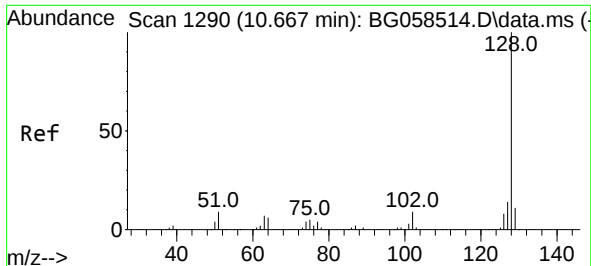
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.4

145 25.8 21.9 32.9

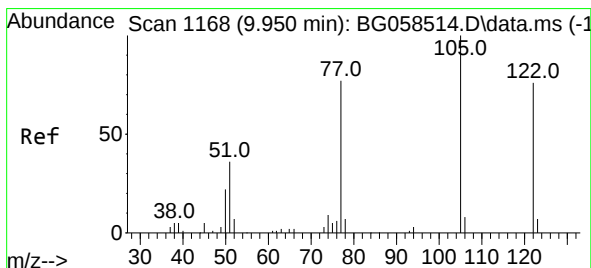
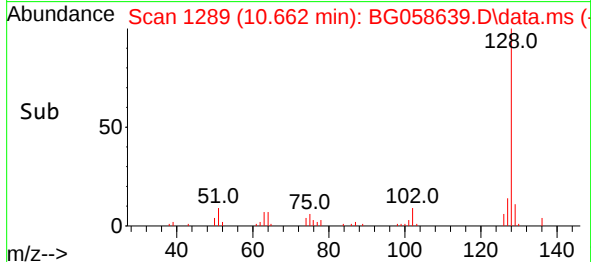
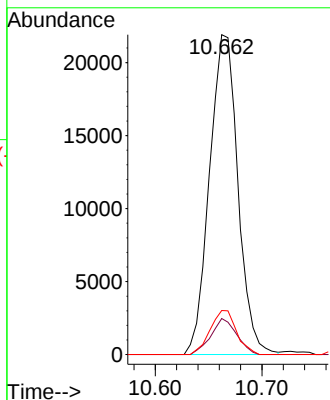
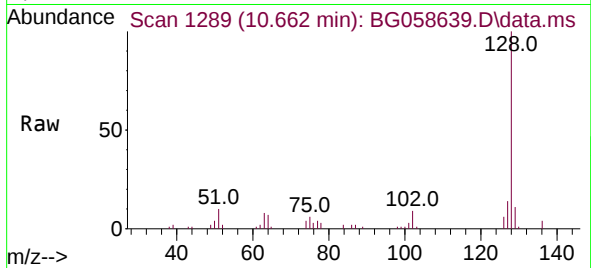




#31
Naphthalene
Concen: 5.426 ng
RT: 10.662 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

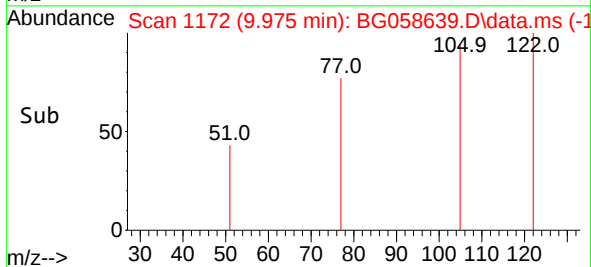
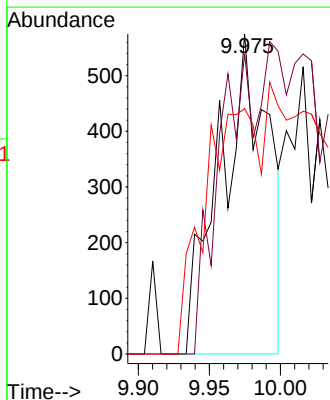
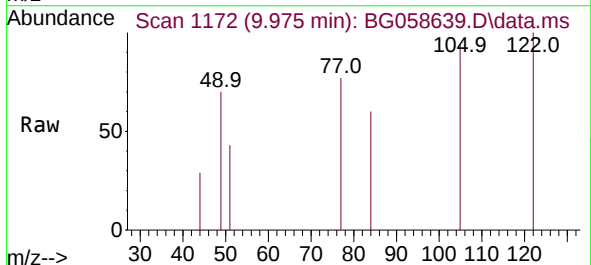
Instrument :
BNA_G
ClientSampleId :
PB154550BS

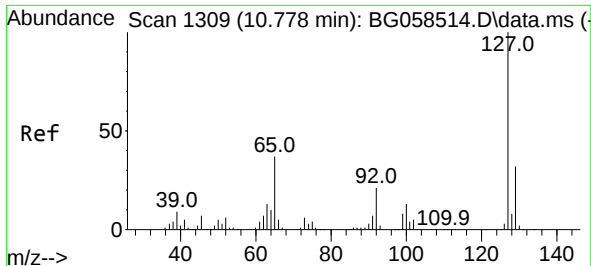
Tgt Ion:128 Resp: 40648
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 5.327 ng
RT: 9.975 min Scan# 1172
Delta R.T. 0.025 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:122 Resp: 1370
Ion Ratio Lower Upper
122 100
105 93.7 106.5 146.5#
77 76.7 78.1 118.1#

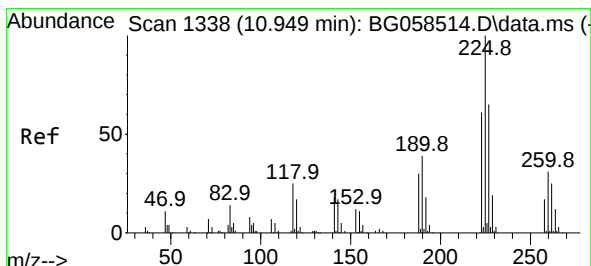
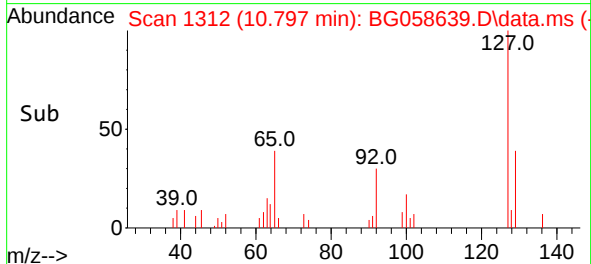
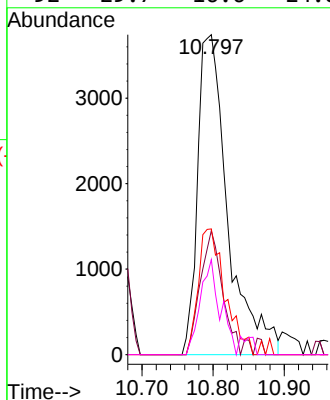
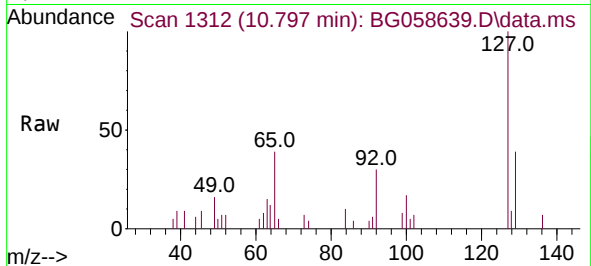




#33
4-Chloroaniline
Concen: 3.487 ng
RT: 10.797 min Scan# 1312
Delta R.T. 0.019 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

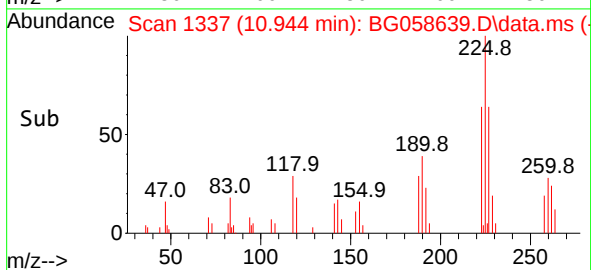
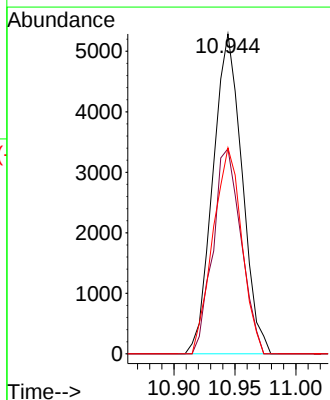
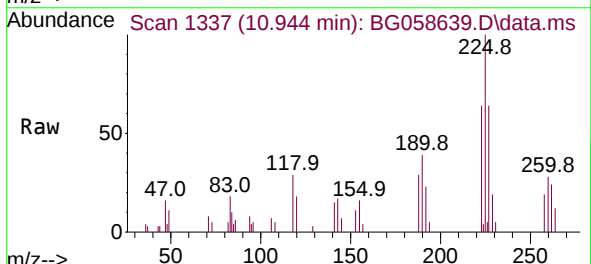
Instrument :
BNA_G
ClientSampleId :
PB154550BS

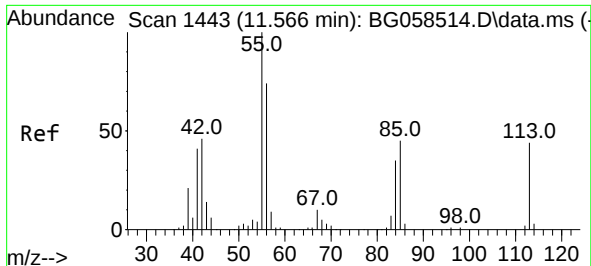
Tgt Ion:	127	Resp:	11038
Ion	Ratio	Lower	Upper
127	100		
129	38.7	25.4	38.2#
65	39.3	29.5	44.3
92	29.7	16.6	24.8#



#34
Hexachlorobutadiene
Concen: 5.365 ng
RT: 10.944 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:	225	Resp:	8787
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.0	73.6
227	64.4	51.7	77.5

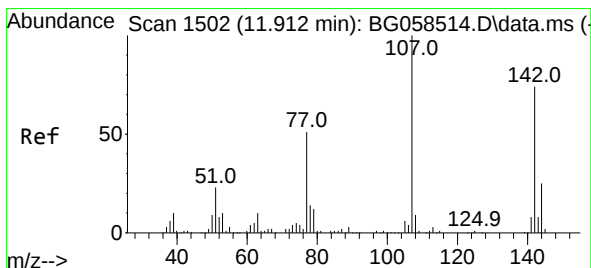
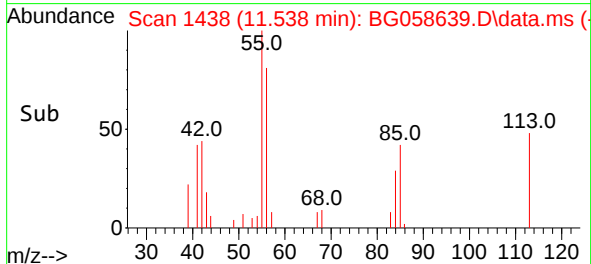
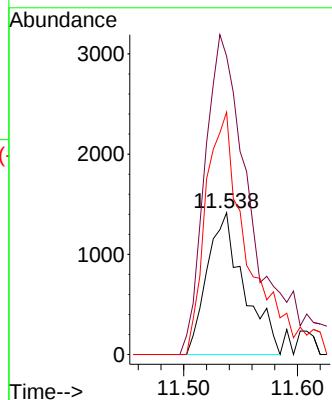
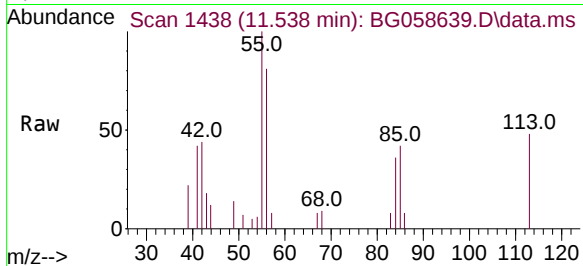




#35
 Caprolactam
 Concen: 3.911 ng
 RT: 11.538 min Scan# 14
 Delta R.T. -0.028 min
 Lab File: BG058639.D
 Acq: 8 Aug 2023 12:16

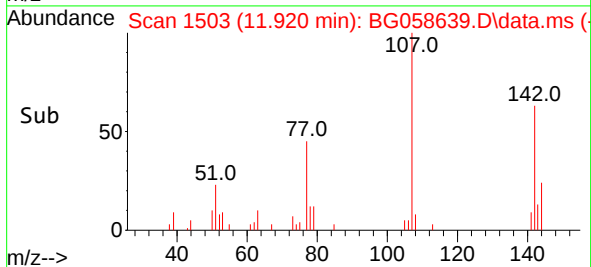
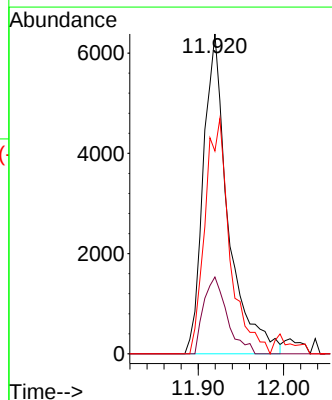
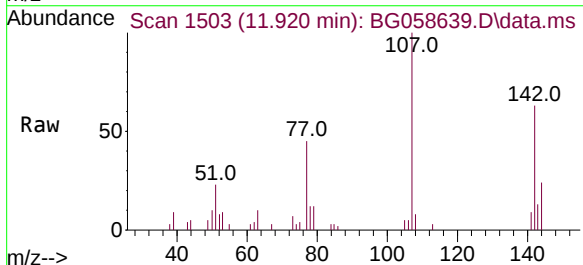
Instrument :
 BNA_G
 ClientSampleId :
 PB154550BS

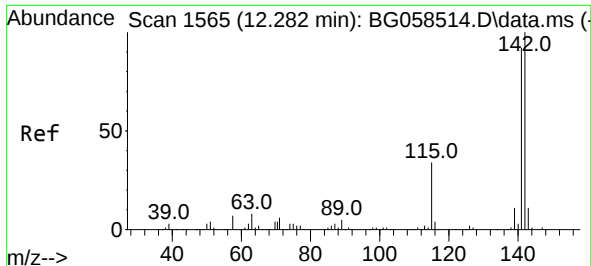
Tgt Ion:113 Resp: 3185
 Ion Ratio Lower Upper
 113 100
 55 210.2 208.0 248.0
 56 170.9 148.6 188.6



#36
 4-Chloro-3-methylphenol
 Concen: 4.742 ng
 RT: 11.920 min Scan# 1503
 Delta R.T. 0.007 min
 Lab File: BG058639.D
 Acq: 8 Aug 2023 12:16

Tgt Ion:107 Resp: 12937
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.6 29.4
 142 63.4 59.3 88.9

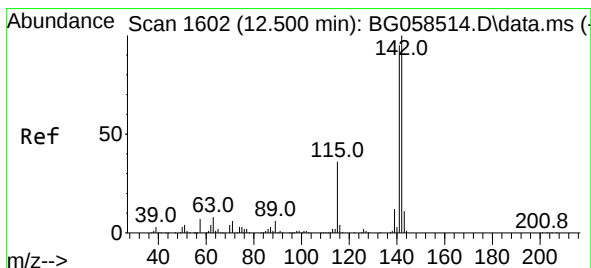
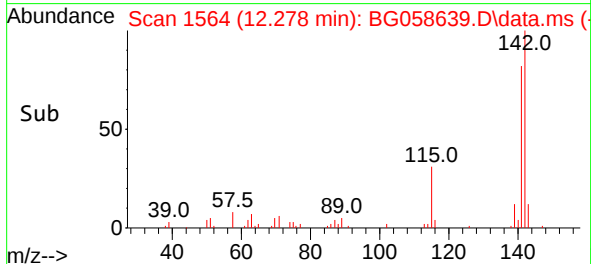
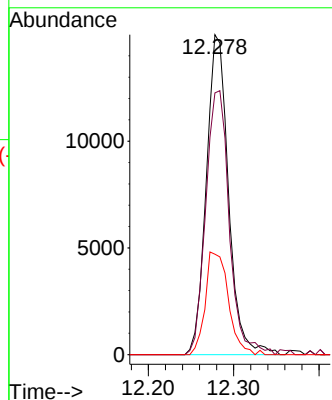
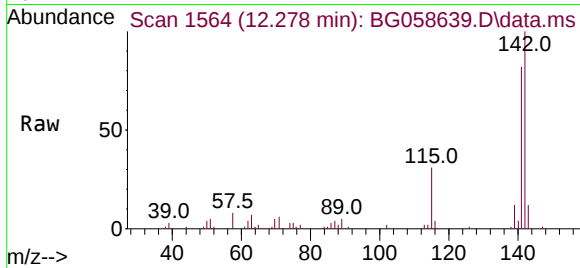




#37
2-Methylnaphthalene
Concen: 5.051 ng
RT: 12.278 min Scan# 1564
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

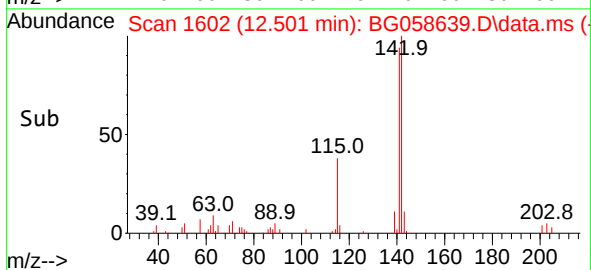
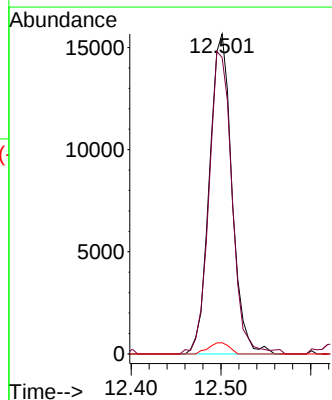
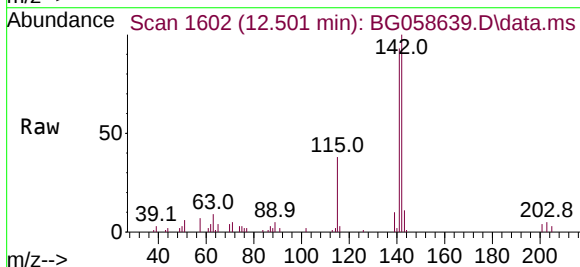
Instrument :
BNA_G
ClientSampleId :
PB154550BS

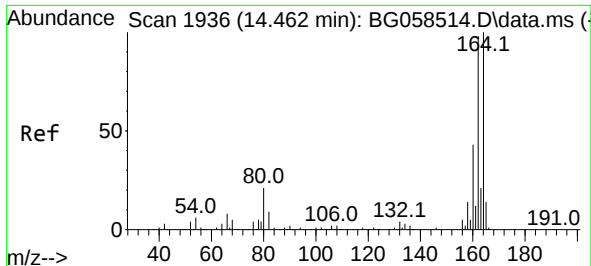
Tgt Ion:142 Resp: 27066
Ion Ratio Lower Upper
142 100
141 81.8 73.5 110.3
115 31.4 27.4 41.0



#38
1-Methylnaphthalene
Concen: 5.356 ng
RT: 12.501 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:142 Resp: 27284
Ion Ratio Lower Upper
142 100
141 92.6 75.7 113.5
116 3.5 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1936

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

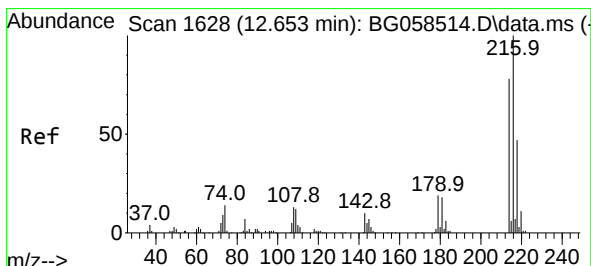
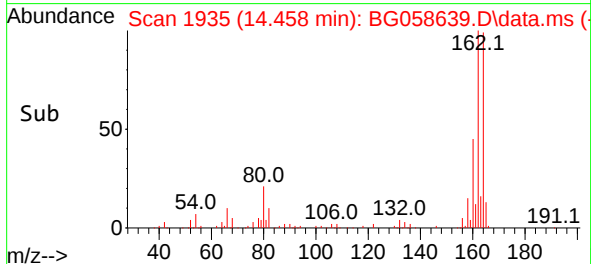
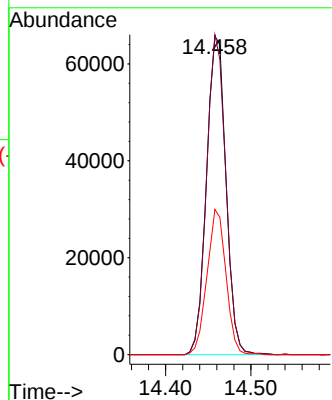
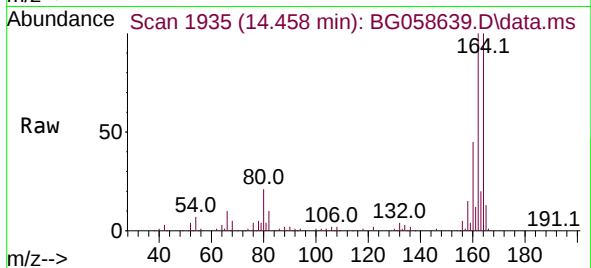
Tgt Ion:164 Resp: 104317

Ion Ratio Lower Upper

164 100

162 100.5 78.3 117.5

160 45.6 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.951 ng

RT: 12.648 min Scan# 1627

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Tgt Ion:216 Resp: 15855

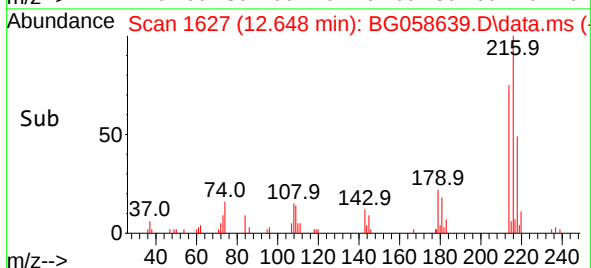
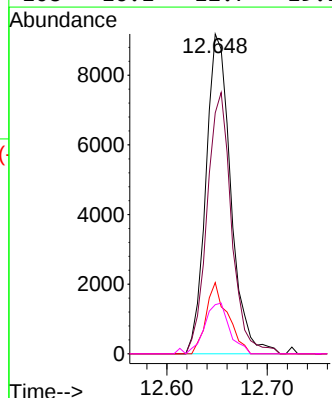
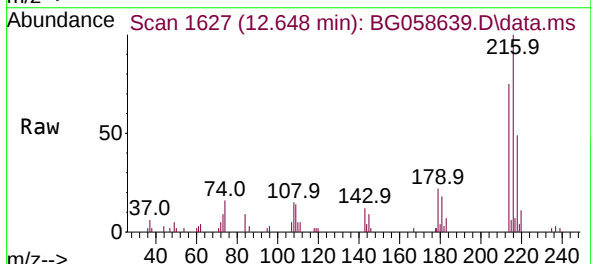
Ion Ratio Lower Upper

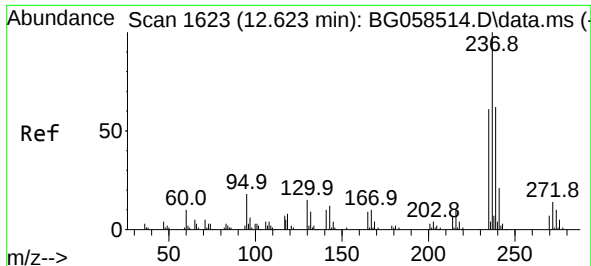
216 100

214 80.3 63.1 94.7

179 19.3 15.6 23.4

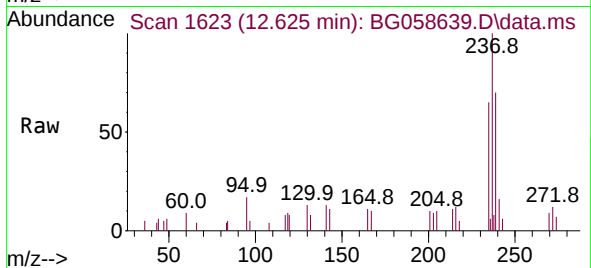
108 16.1 12.7 19.1



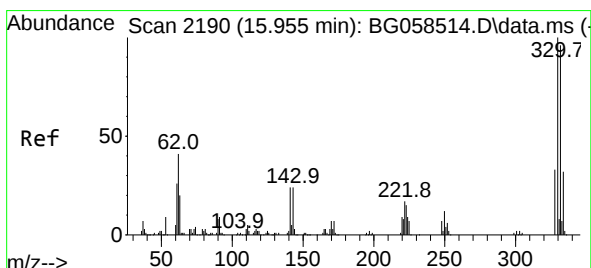
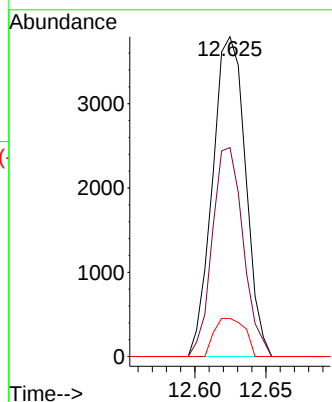
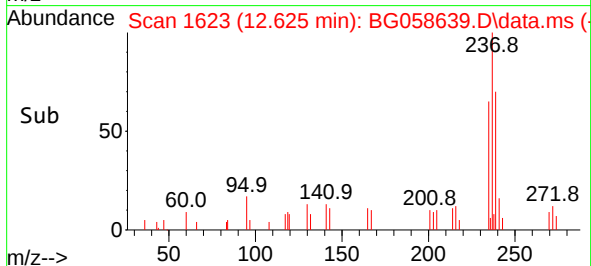


#41
Hexachlorocyclopentadiene
Concen: 10.584 ng
RT: 12.625 min Scan# 1623
Delta R.T. 0.002 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

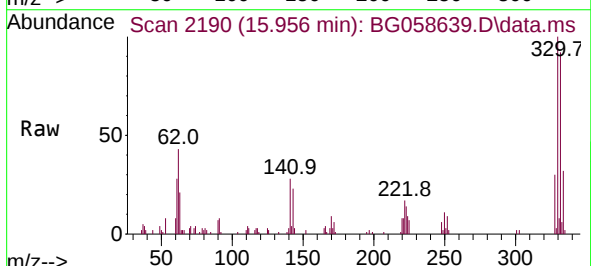
Instrument :
BNA_G
ClientSampleId :
PB154550BS



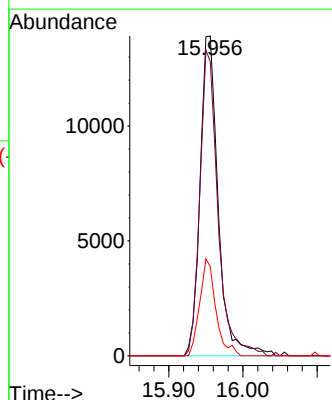
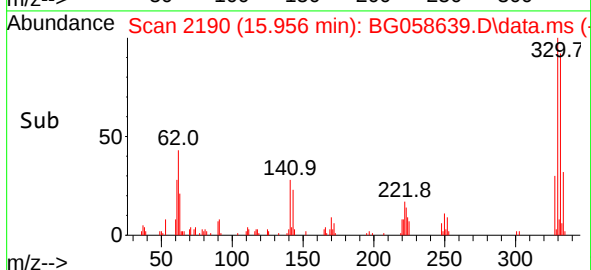
Tgt Ion:237 Resp: 6132
Ion Ratio Lower Upper
237 100
235 65.3 41.0 81.0
272 11.9 0.0 33.6

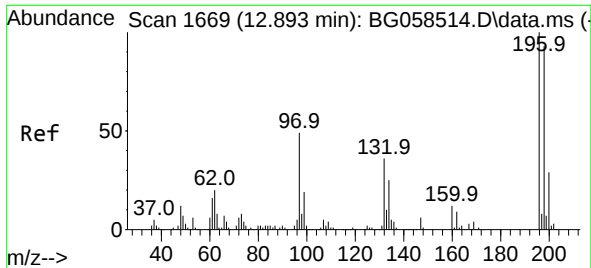


#42
2,4,6-Tribromophenol
Concen: 13.867 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16



Tgt Ion:330 Resp: 23711
Ion Ratio Lower Upper
330 100
332 94.6 77.5 116.3
141 27.0 20.7 31.1

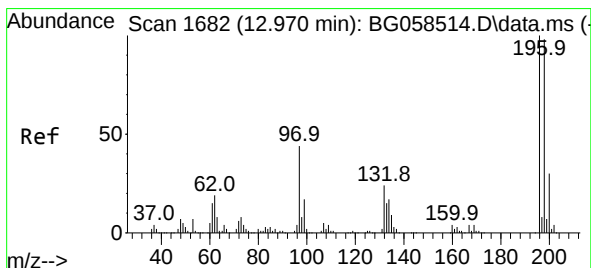
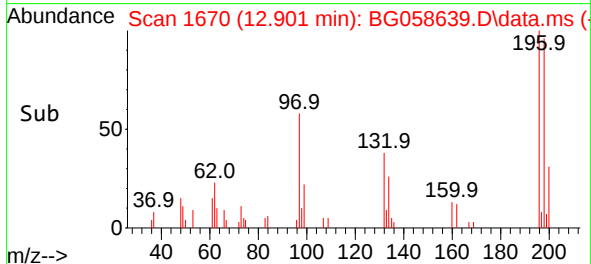
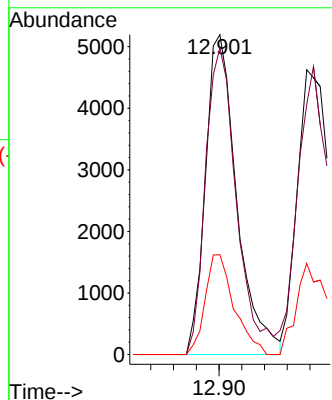
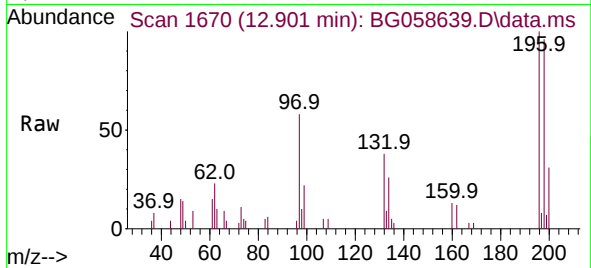




#43
2,4,6-Trichlorophenol
Concen: 4.534 ng
RT: 12.901 min Scan# 1669
Delta R.T. 0.007 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

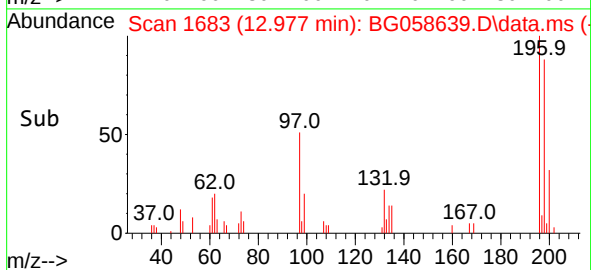
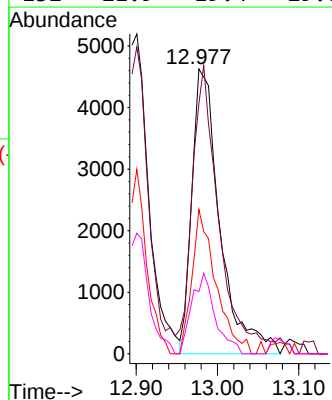
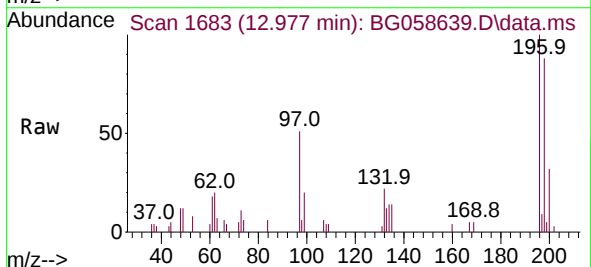
Instrument :
BNA_G
ClientSampleId :
PB154550BS

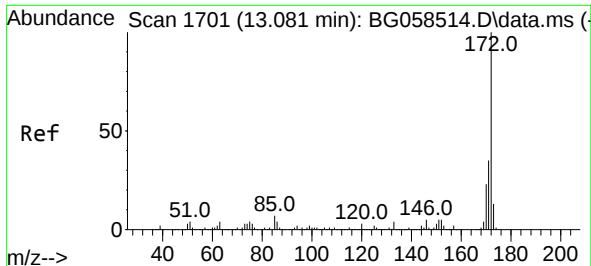
Tgt Ion:196 Resp: 9987
Ion Ratio Lower Upper
196 100
198 95.9 74.2 111.4
200 31.2 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 4.281 ng
RT: 12.977 min Scan# 1683
Delta R.T. 0.007 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:196 Resp: 11108
Ion Ratio Lower Upper
196 100
198 87.9 78.3 117.5
97 50.7 35.2 52.8
132 21.9 19.4 29.0

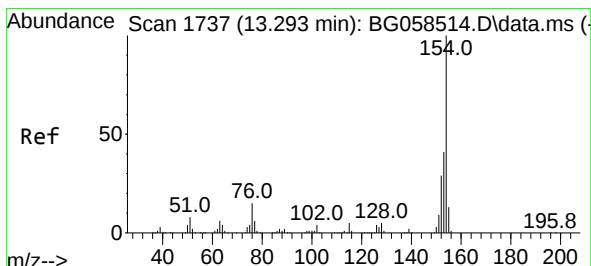
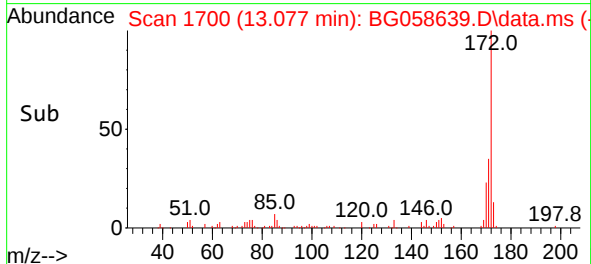
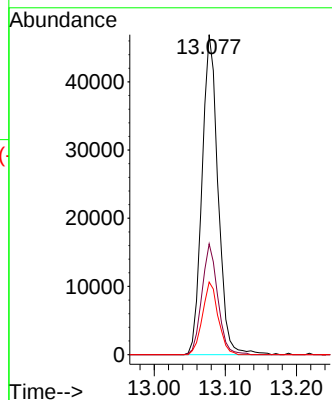
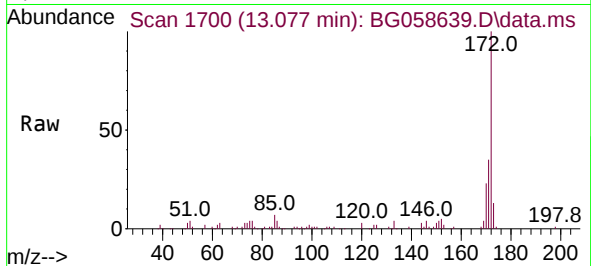




#45
2-Fluorobiphenyl
Concen: 10.527 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

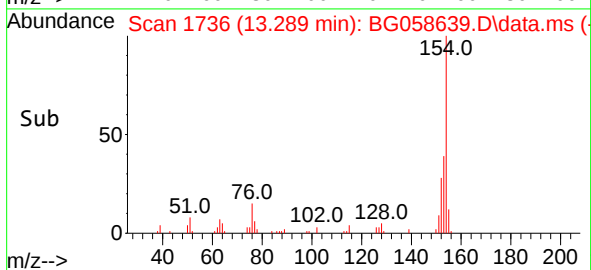
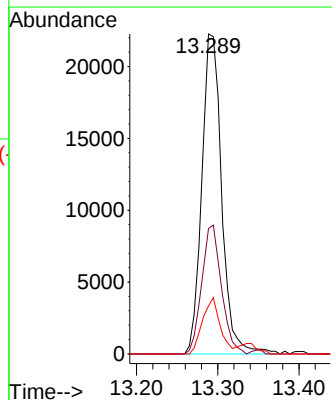
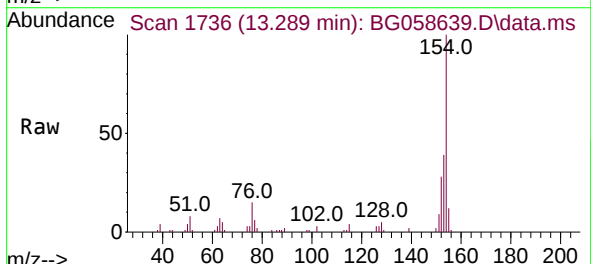
Instrument :
BNA_G
ClientSampleId :
PB154550BS

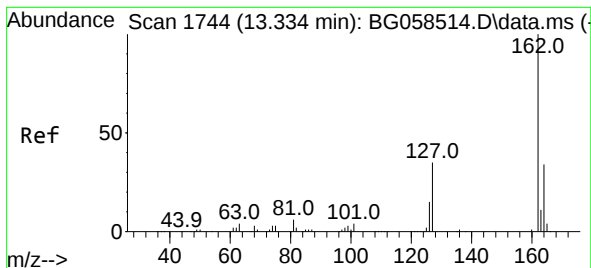
Tgt Ion:172 Resp: 73276
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.7 18.4 27.6



#46
1,1'-Biphenyl
Concen: 5.276 ng
RT: 13.289 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:154 Resp: 37795
Ion Ratio Lower Upper
154 100
153 39.2 21.2 61.2
76 15.0 0.0 34.7

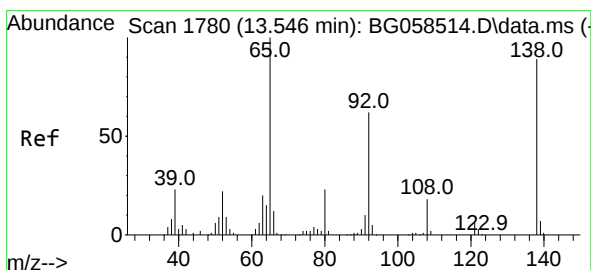
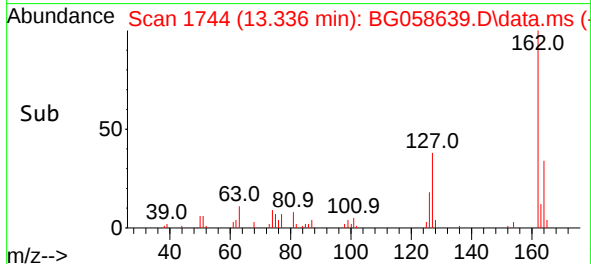
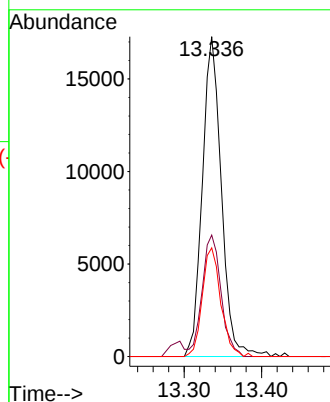
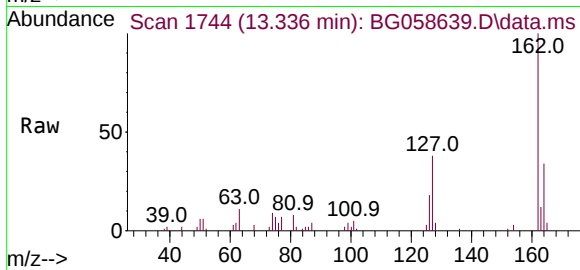




#47
2-Chloronaphthalene
Concen: 5.285 ng
RT: 13.336 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

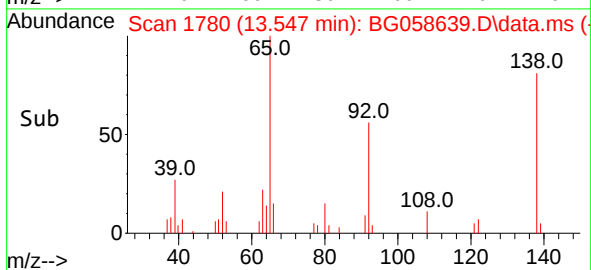
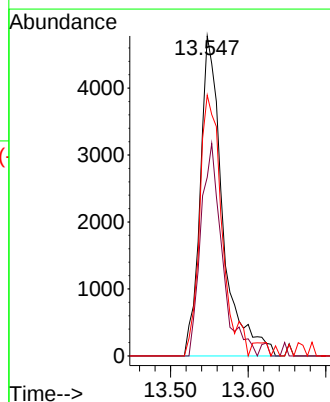
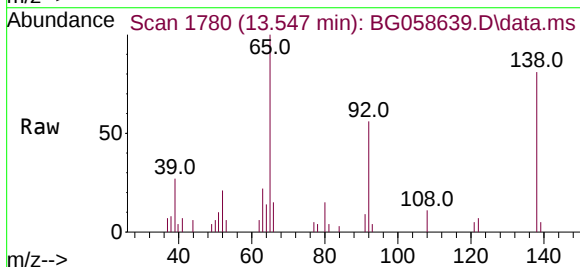
Instrument :
BNA_G
ClientSampleId :
PB154550BS

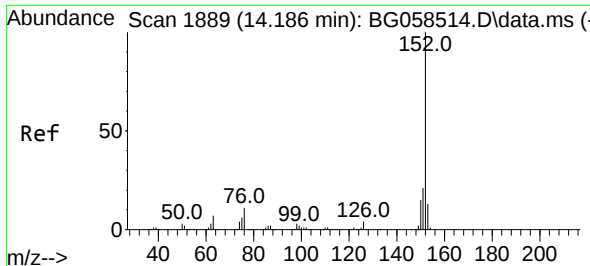
Tgt Ion:	162	Resp:	29523
Ion Ratio	Lower	Upper	
162	100		
127	38.0	30.9	46.3
164	34.0	27.2	40.8



#48
2-Nitroaniline
Concen: 4.526 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:	65	Resp:	9650
Ion Ratio	Lower	Upper	
65	100		
92	55.8	49.2	73.8
138	81.5	71.5	107.3

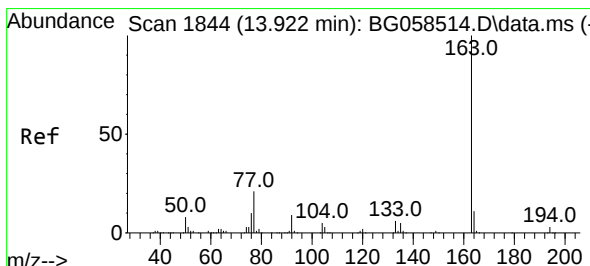
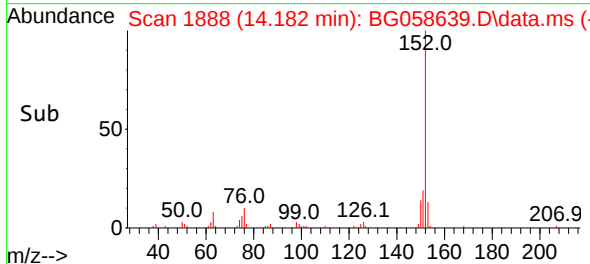
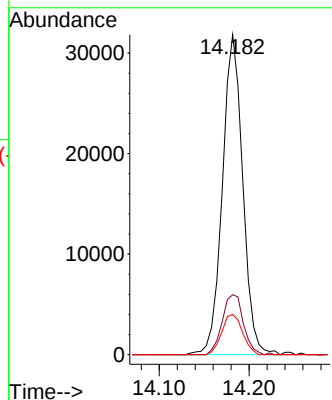
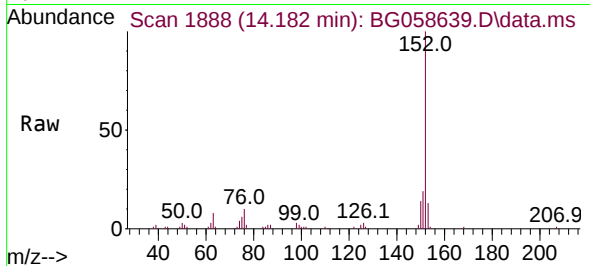




#49
Acenaphthylene
Concen: 5.366 ng
RT: 14.182 min Scan# 1889
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

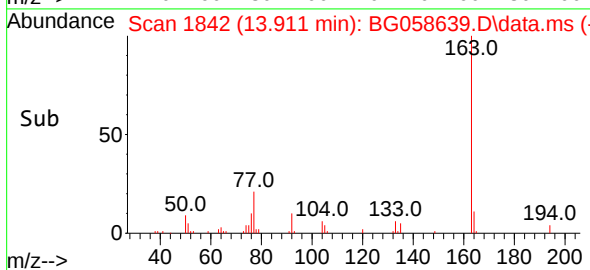
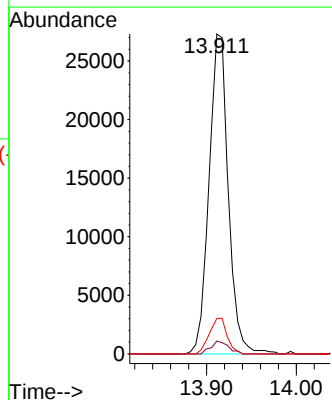
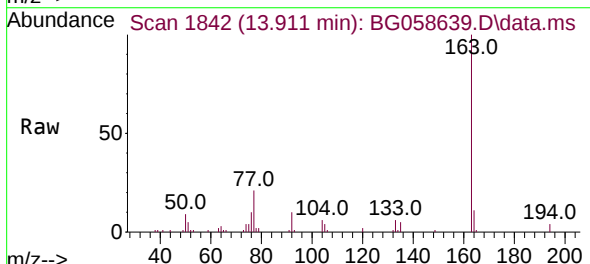
Instrument :
BNA_G
ClientSampleId :
PB154550BS

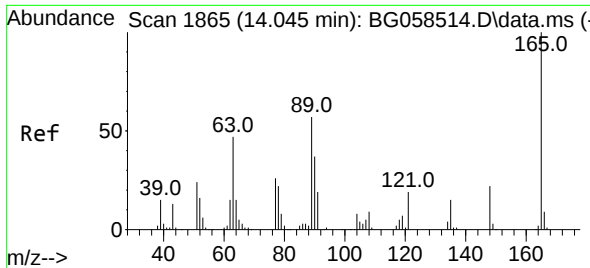
Tgt Ion:152 Resp: 50185
Ion Ratio Lower Upper
152 100
151 18.7 16.5 24.7
153 12.5 10.7 16.1



#50
Dimethylphthalate
Concen: 5.222 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.010 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:163 Resp: 40908
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.1 8.6 12.8

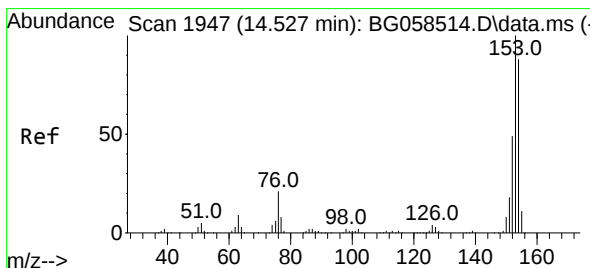
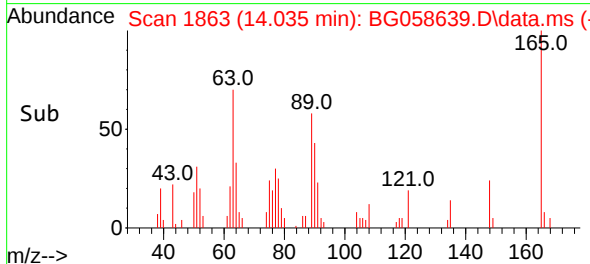
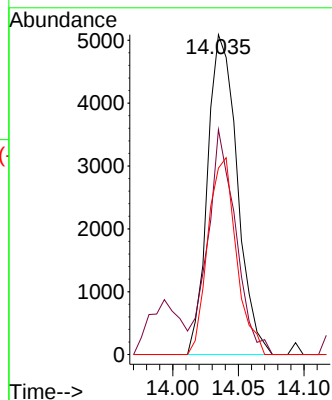
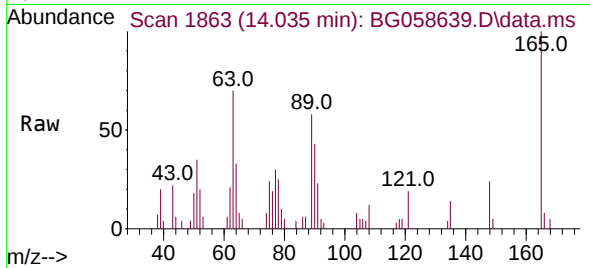




#51
2,6-Dinitrotoluene
Concen: 4.657 ng
RT: 14.035 min Scan# 1865
Delta R.T. -0.010 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

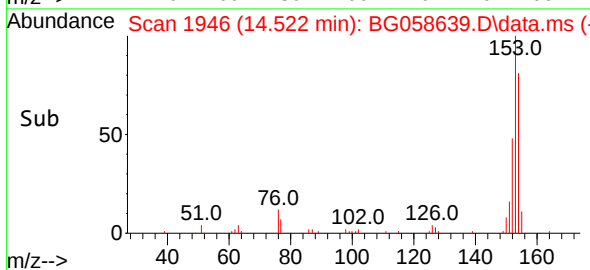
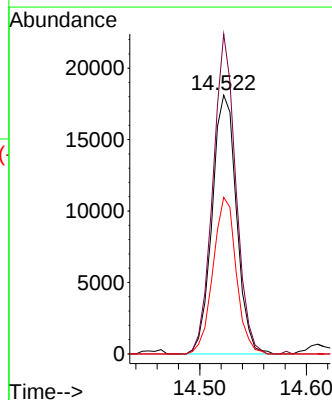
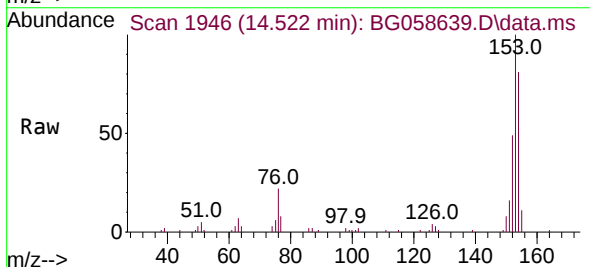
Instrument :
BNA_G
ClientSampleId :
PB154550BS

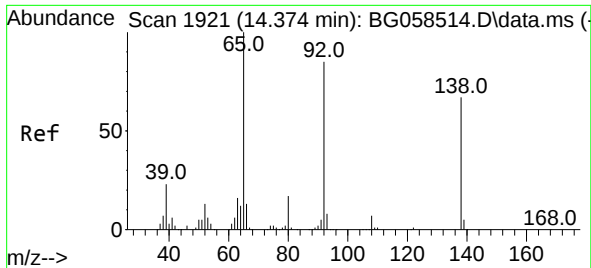
Tgt Ion:165 Resp: 8006
Ion Ratio Lower Upper
165 100
63 70.3 46.4 69.6#
89 58.3 45.3 67.9



#52
Acenaphthene
Concen: 5.326 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:154 Resp: 28778
Ion Ratio Lower Upper
154 100
153 123.6 91.1 136.7
152 60.5 44.6 66.8

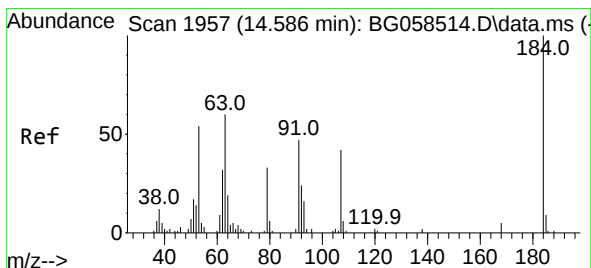
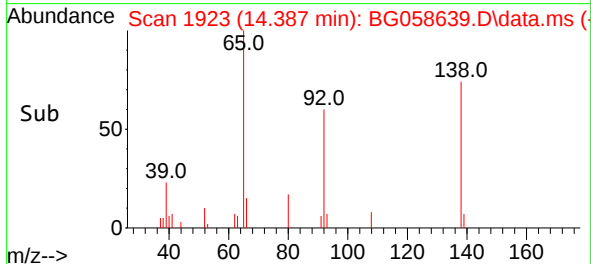
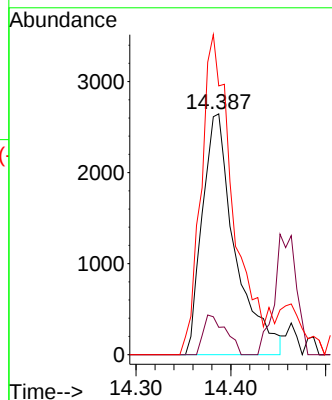
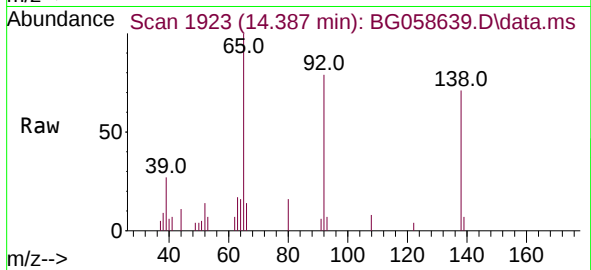




#53
3-Nitroaniline
Concen: 3.689 ng
RT: 14.387 min Scan# 1923
Delta R.T. 0.013 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

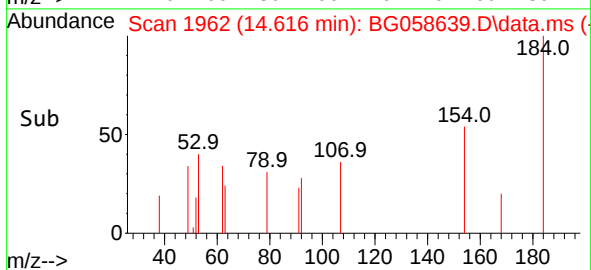
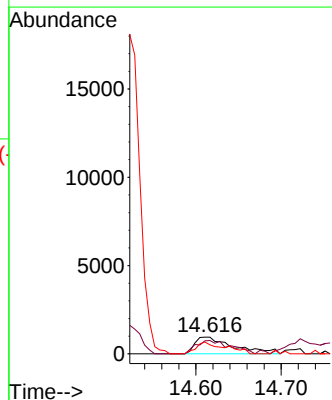
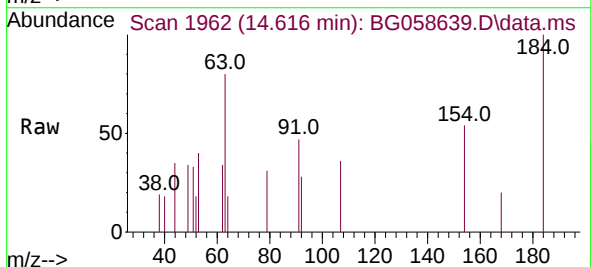
Instrument :
BNA_G
ClientSampleId :
PB154550BS

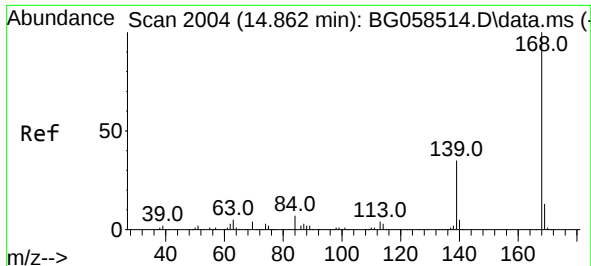
Tgt Ion:138 Resp: 6345
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 111.6 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 10.288 ng
RT: 14.616 min Scan# 1962
Delta R.T. 0.030 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:184 Resp: 2997
Ion Ratio Lower Upper
184 100
63 79.7 56.7 85.1
154 54.3 46.1 69.1

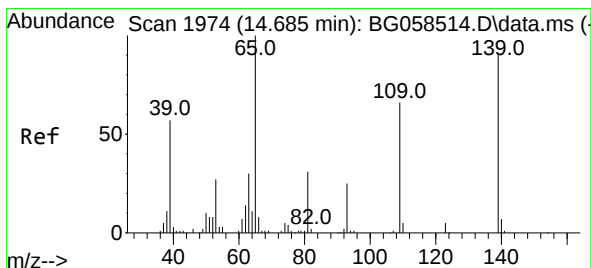
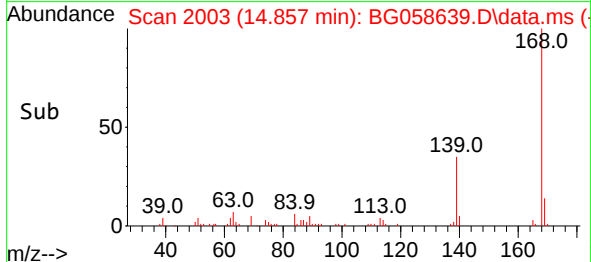
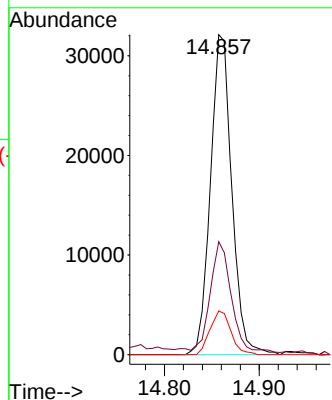
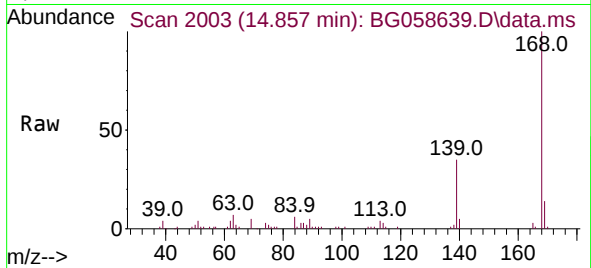




#55
Dibenzofuran
Concen: 5.416 ng
RT: 14.857 min Scan# 2004
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

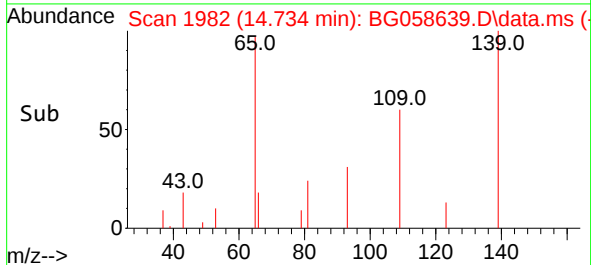
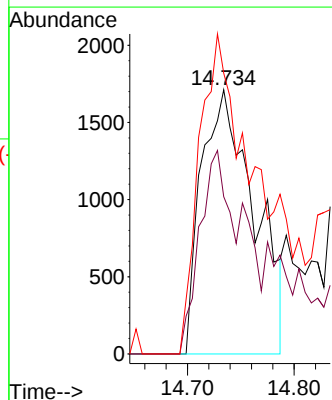
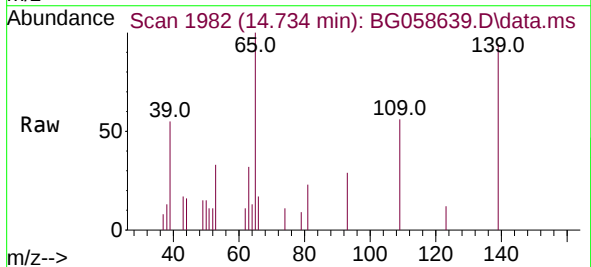
Instrument :
BNA_G
ClientSampleId :
PB154550BS

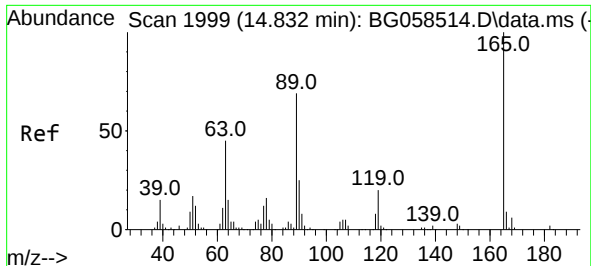
Tgt Ion:168 Resp: 50289
Ion Ratio Lower Upper
168 100
139 35.3 27.8 41.8
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 7.753 ng
RT: 14.734 min Scan# 1982
Delta R.T. 0.049 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:139 Resp: 5888
Ion Ratio Lower Upper
139 100
109 59.5 52.5 92.5
65 106.3 90.5 130.5

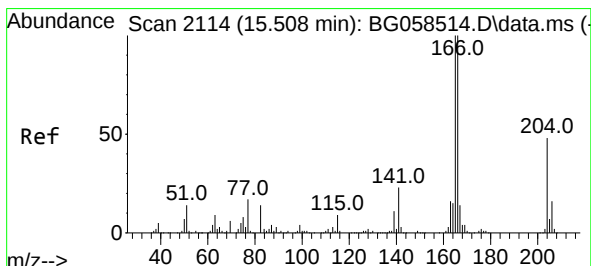
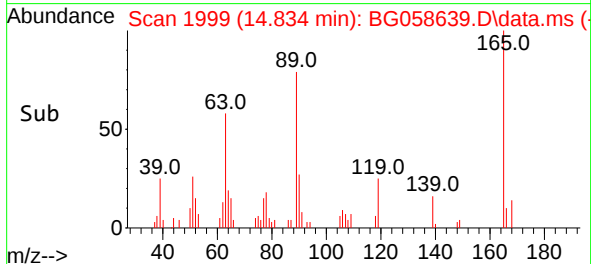
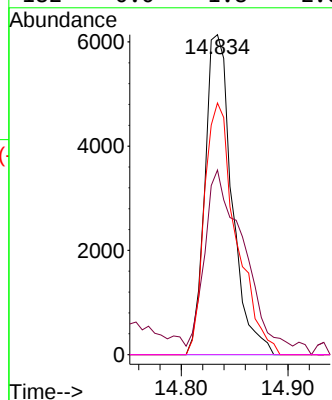
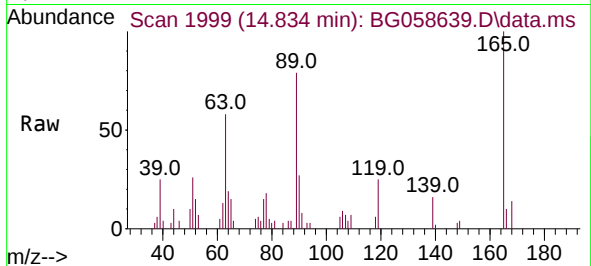




#57
2,4-Dinitrotoluene
Concen: 4.553 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

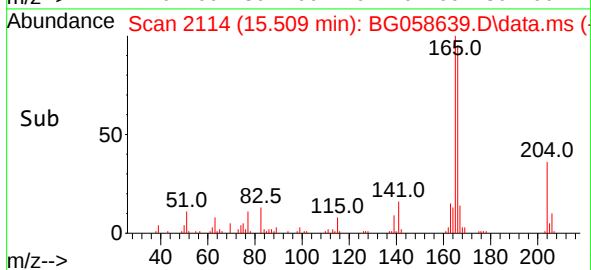
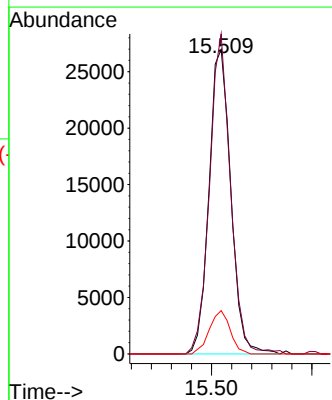
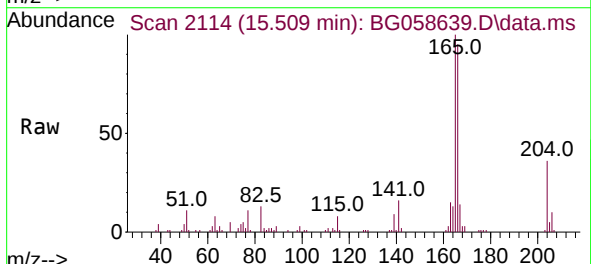
Instrument :
BNA_G
ClientSampleId :
PB154550BS

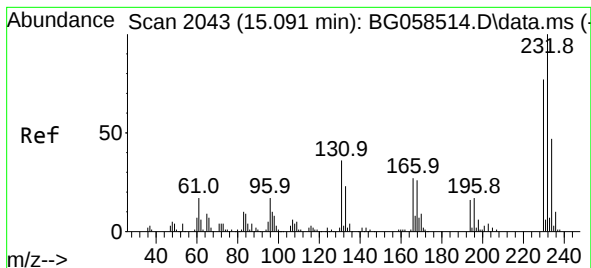
Tgt Ion:165	Resp:	10851
Ion Ratio	Lower	Upper
165	100	
63	57.7	36.6 54.8#
89	78.6	55.4 83.0
182	0.0	1.8 2.6#



#58
Fluorene
Concen: 5.516 ng
RT: 15.509 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:166	Resp:	40689
Ion Ratio	Lower	Upper
166	100	
165	105.1	80.0 120.0
167	14.2	11.3 16.9

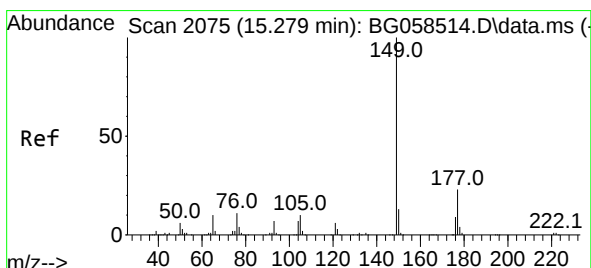
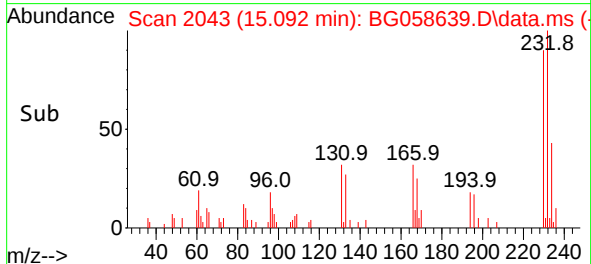
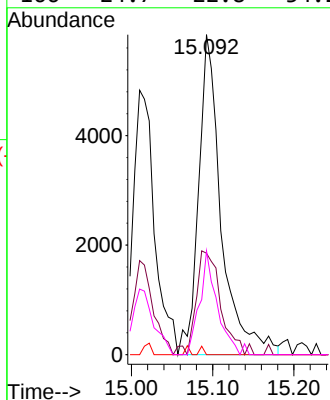
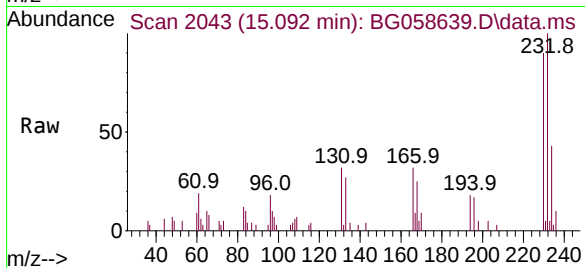




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.115 ng
RT: 15.092 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

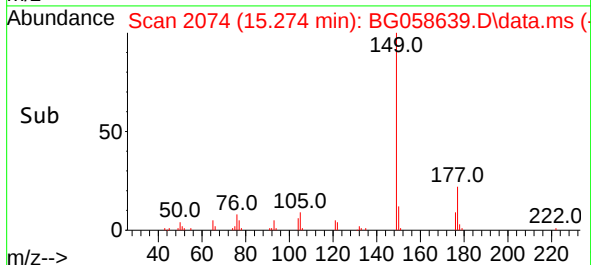
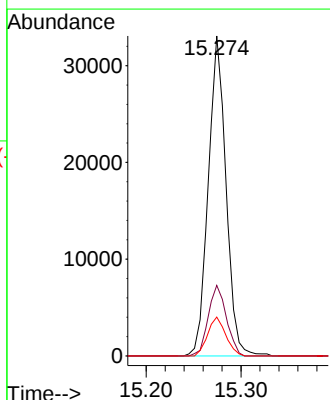
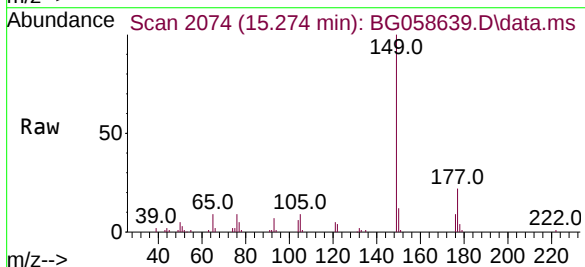
Instrument :
BNA_G
ClientSampleId :
PB154550BS

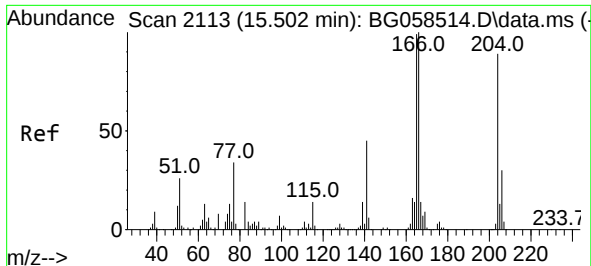
Tgt Ion:232 Resp: 11325
Ion Ratio Lower Upper
232 100
131 35.0 30.0 45.0
130 0.5 1.5 2.3#
166 24.7 22.8 34.2



#60
Diethylphthalate
Concen: 5.399 ng
RT: 15.274 min Scan# 2074
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:149 Resp: 43088
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.4
150 12.1 10.2 15.4

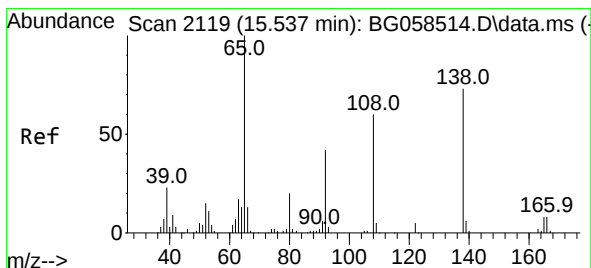
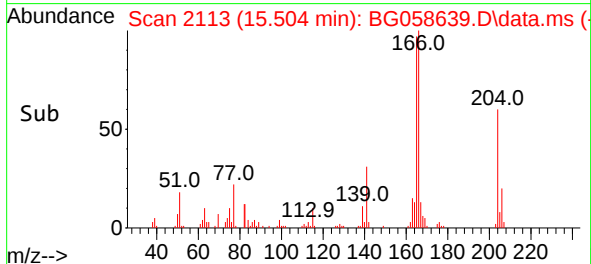
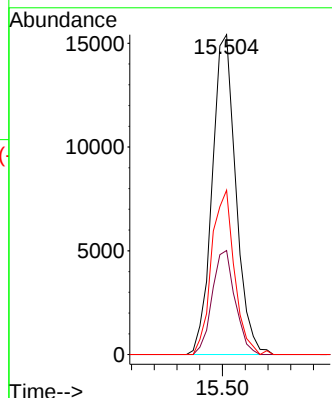
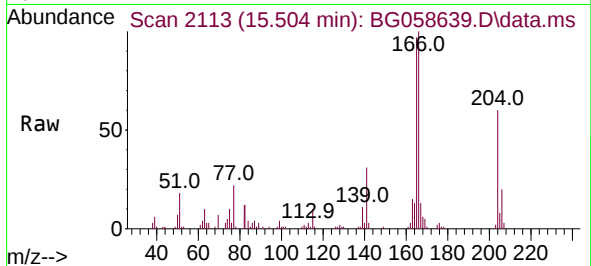




#61
4-Chlorophenyl-phenylether
Concen: 5.417 ng
RT: 15.504 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

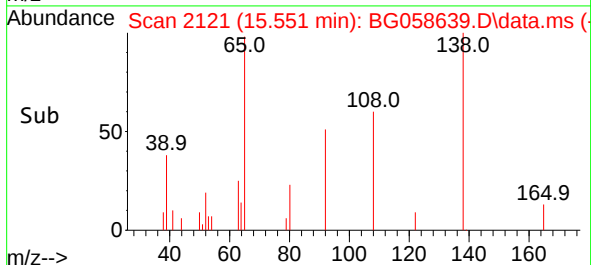
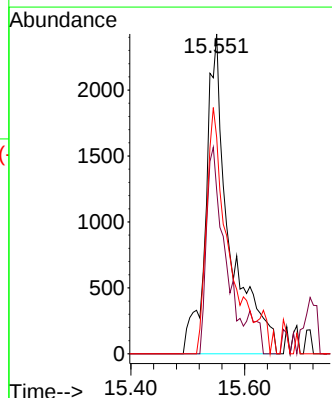
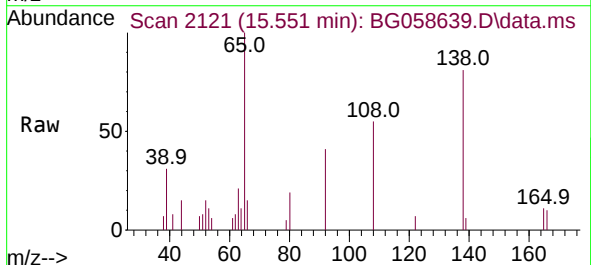
Instrument :
BNA_G
ClientSampleId :
PB154550BS

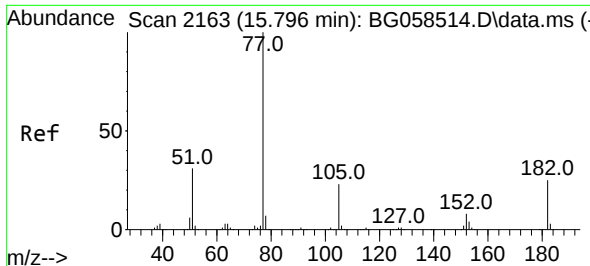
Tgt Ion:204 Resp: 22276
Ion Ratio Lower Upper
204 100
206 32.5 27.0 40.4
141 51.4 40.8 61.2



#62
4-Nitroaniline
Concen: 4.282 ng
RT: 15.551 min Scan# 2121
Delta R.T. 0.013 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:138 Resp: 6976
Ion Ratio Lower Upper
138 100
92 51.2 37.3 77.3
108 67.6 62.6 102.6

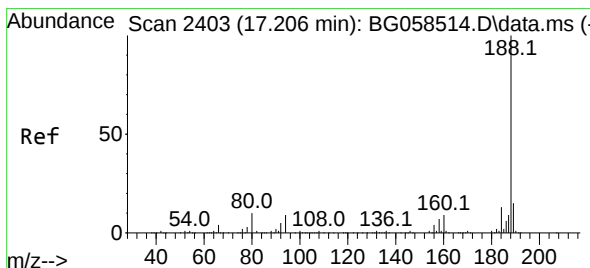
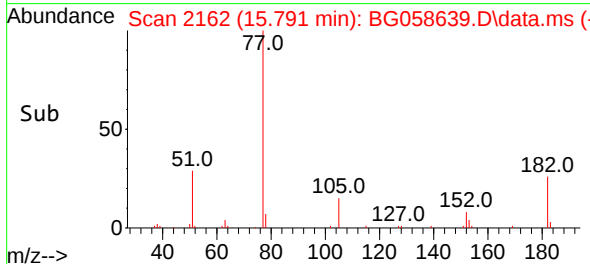
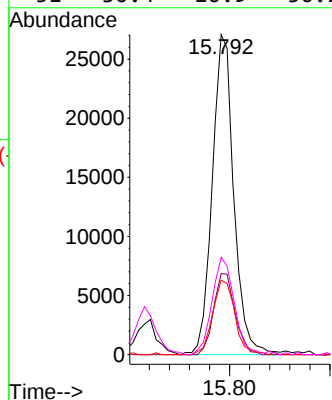
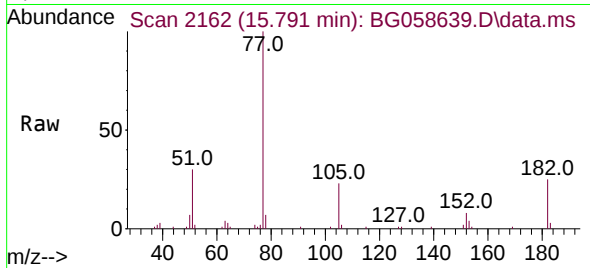




#63
Azobenzene
Concen: 5.136 ng
RT: 15.791 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

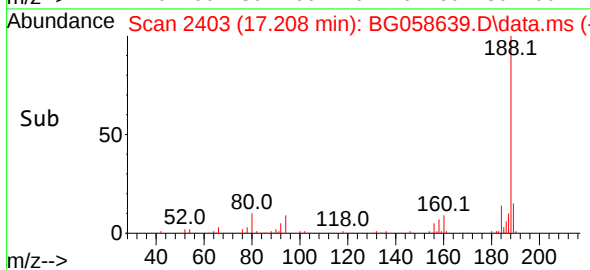
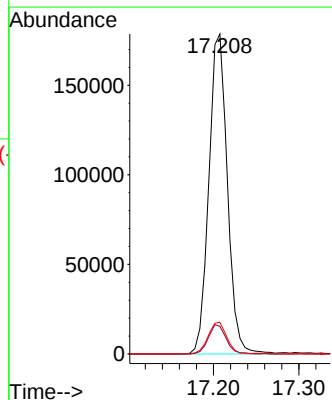
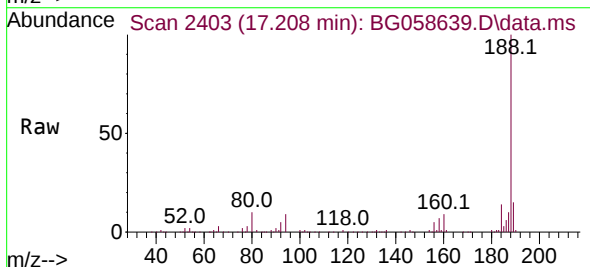
Instrument :
BNA_G
ClientSampleId :
PB154550BS

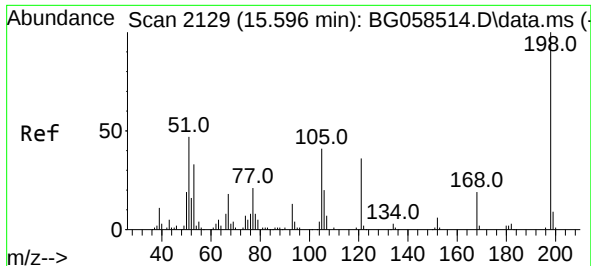
Tgt Ion: 77	Resp: 40377
Ion Ratio	Lower Upper
77 100	
182 25.3	4.6 44.6
105 23.3	3.3 43.3
51 30.4	10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:188	Resp: 269450
Ion Ratio	Lower Upper
188 100	
94 8.6	7.0 10.6
80 9.9	8.1 12.1

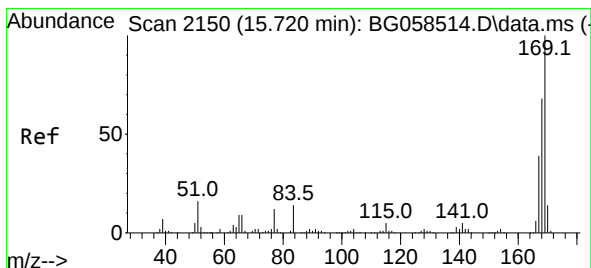
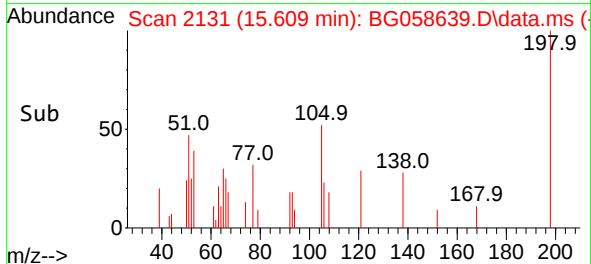
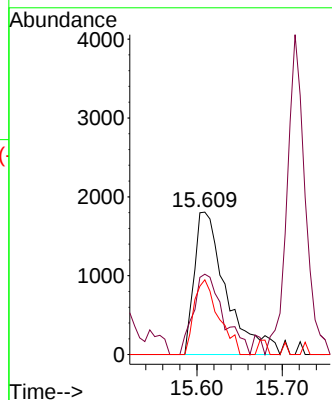
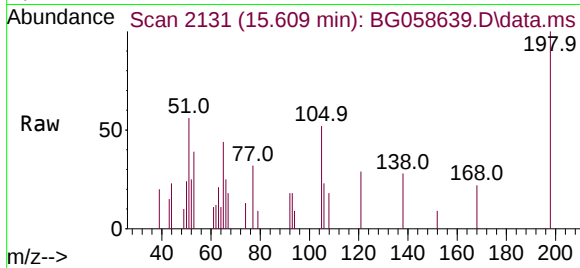




#65
4,6-Dinitro-2-methylphenol
Concen: 3.153 ng
RT: 15.609 min Scan# 2119
Delta R.T. 0.013 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

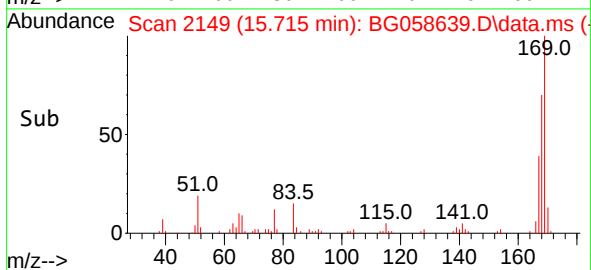
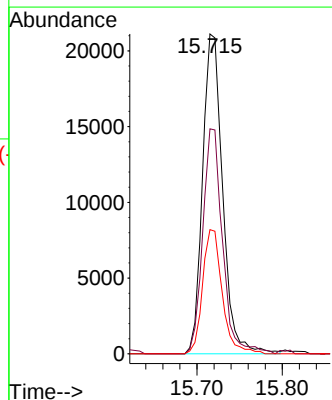
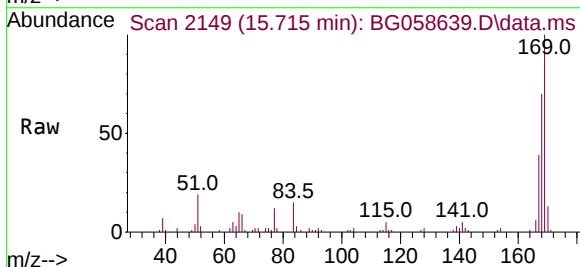
Instrument :
BNA_G
ClientSampleId :
PB154550BS

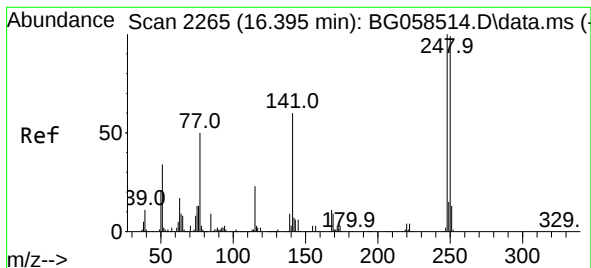
Tgt Ion:198 Resp: 4685
Ion Ratio Lower Upper
198 100
51 56.4 29.3 69.3
105 52.5 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 4.931 ng
RT: 15.715 min Scan# 2149
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:169 Resp: 34580
Ion Ratio Lower Upper
169 100
168 70.3 54.6 82.0
167 38.8 31.3 46.9

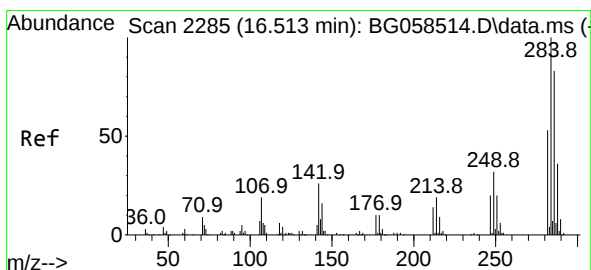
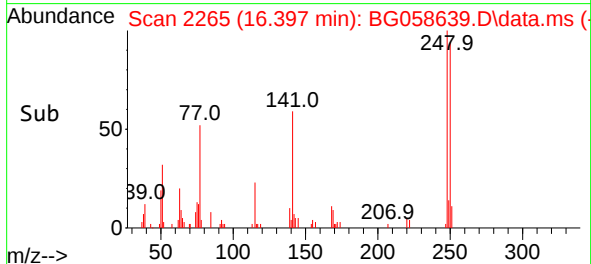
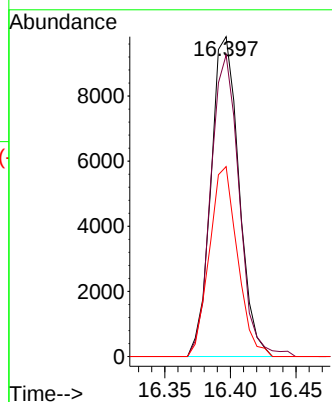
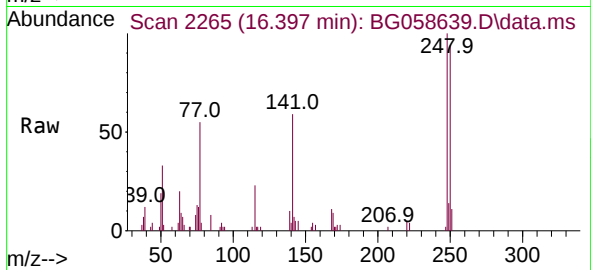




#67
4-Bromophenyl-phenylether
Concen: 4.773 ng
RT: 16.397 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

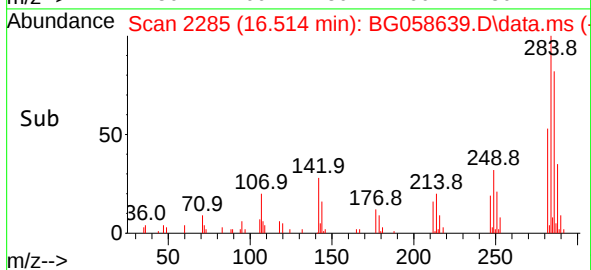
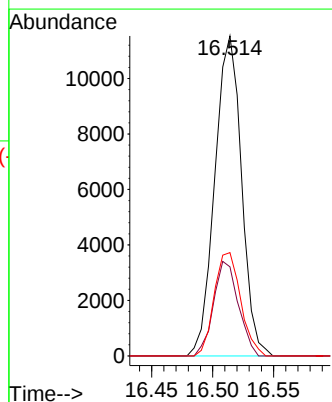
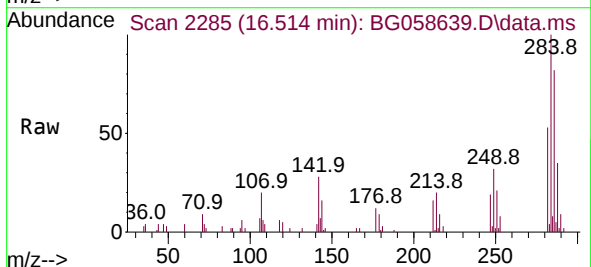
Instrument :
BNA_G
ClientSampleId :
PB154550BS

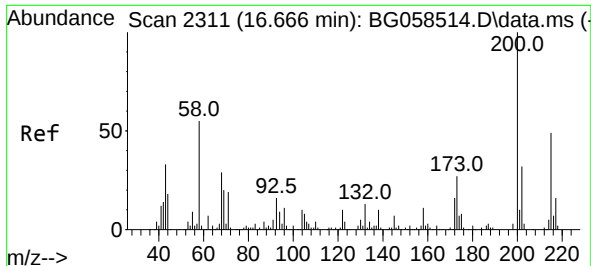
Tgt Ion:248 Resp: 14588
Ion Ratio Lower Upper
248 100
250 94.2 79.5 119.3
141 59.4 48.2 72.2



#68
Hexachlorobenzene
Concen: 5.409 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:284 Resp: 17517
Ion Ratio Lower Upper
284 100
142 27.8 21.0 31.4
249 32.3 25.5 38.3

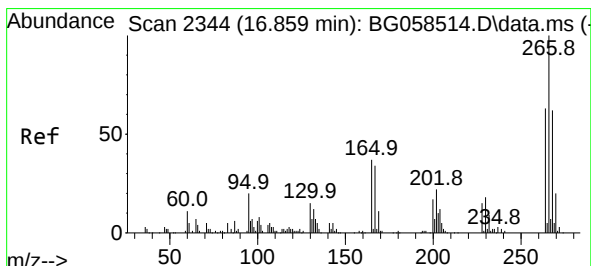
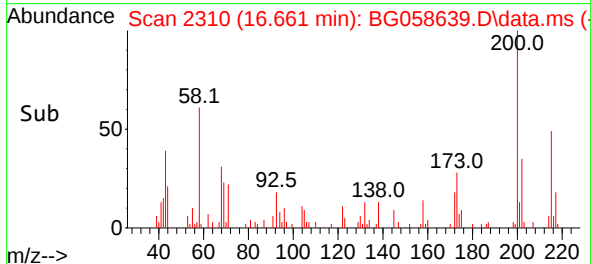
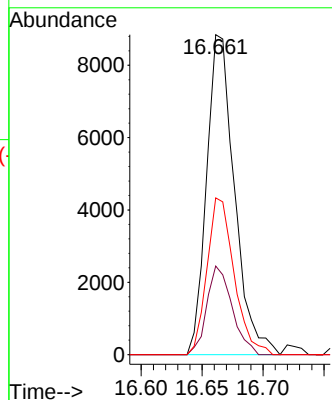
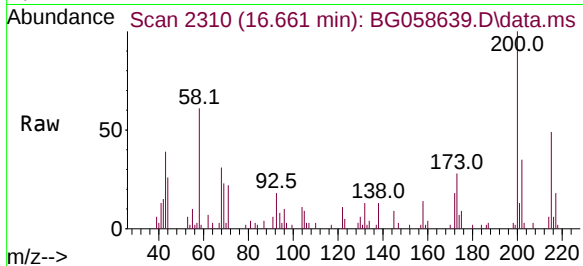




#69
 Atrazine
 Concen: 5.950 ng
 RT: 16.661 min Scan# 2310
 Delta R.T. -0.004 min
 Lab File: BG058639.D
 Acq: 8 Aug 2023 12:16

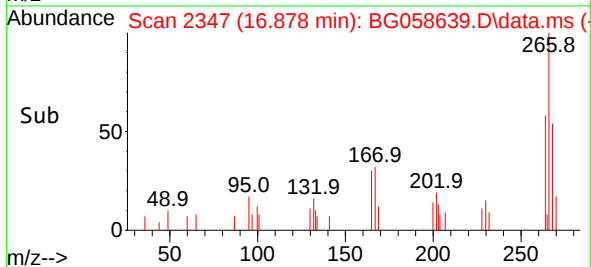
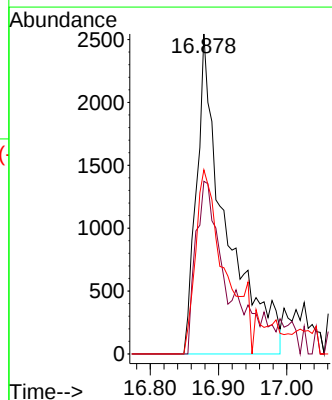
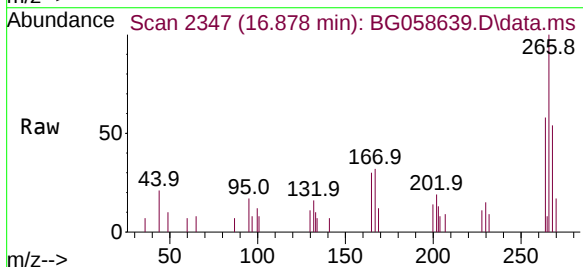
Instrument :
 BNA_G
 ClientSampleId :
 PB154550BS

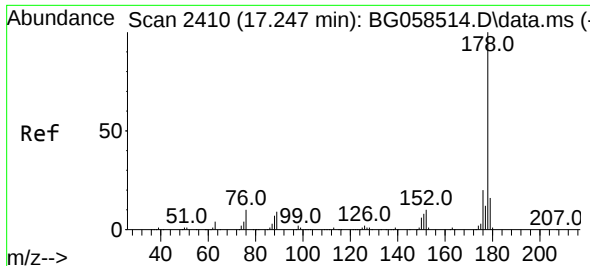
Tgt Ion:200 Resp: 14086
 Ion Ratio Lower Upper
 200 100
 173 27.7 6.5 46.5
 215 49.0 28.9 68.9



#70
 Pentachlorophenol
 Concen: 3.847 ng
 RT: 16.878 min Scan# 2347
 Delta R.T. 0.019 min
 Lab File: BG058639.D
 Acq: 8 Aug 2023 12:16

Tgt Ion:266 Resp: 7540
 Ion Ratio Lower Upper
 266 100
 268 53.9 49.9 74.9
 264 57.5 50.2 75.4

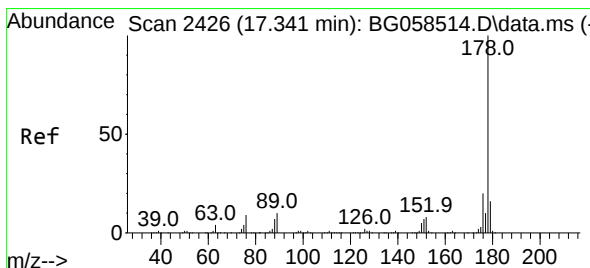
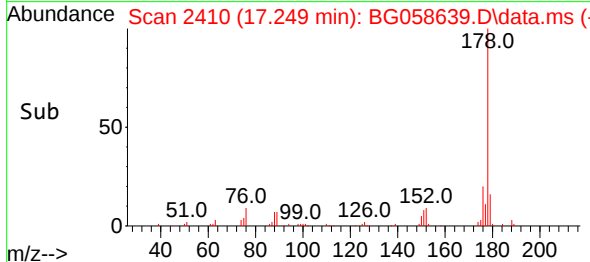
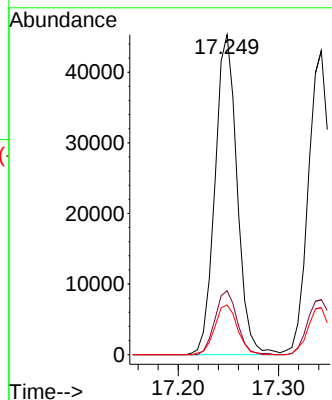
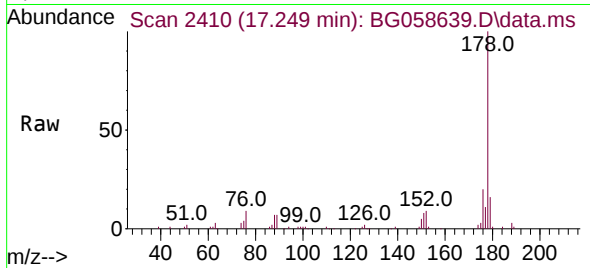




#71
Phenanthrene
Concen: 5.429 ng
RT: 17.249 min Scan# 2410
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

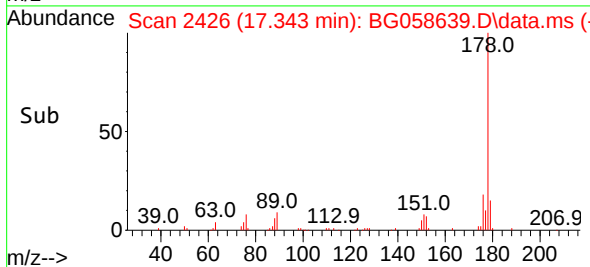
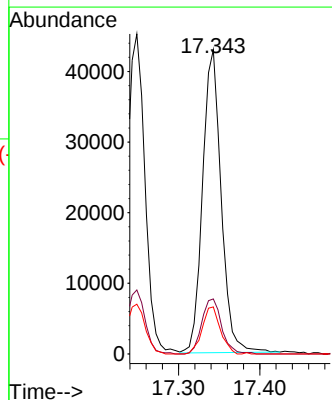
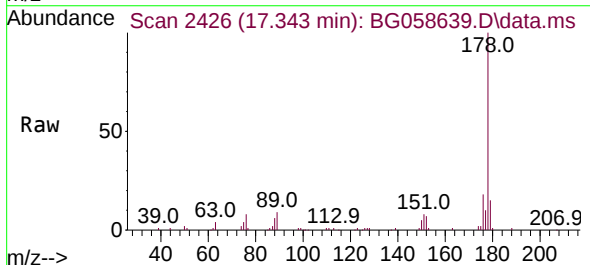
Instrument :
BNA_G
ClientSampleId :
PB154550BS

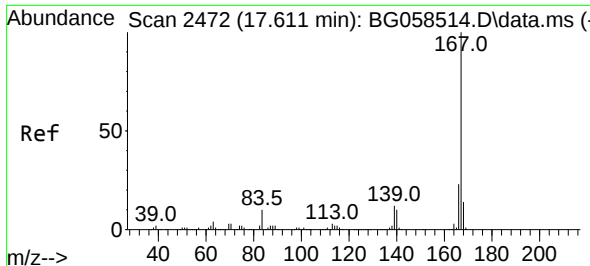
Tgt Ion:178 Resp: 69375
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.5 13.1 19.7



#72
Anthracene
Concen: 5.211 ng
RT: 17.343 min Scan# 2426
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:178 Resp: 68323
Ion Ratio Lower Upper
178 100
176 18.1 16.0 24.0
179 15.5 12.9 19.3

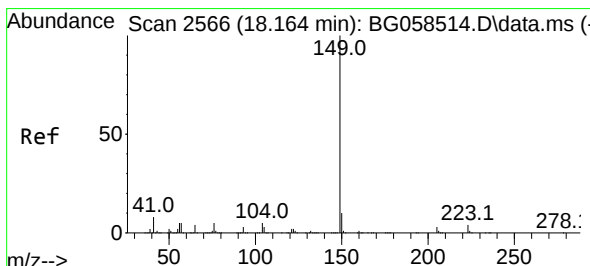
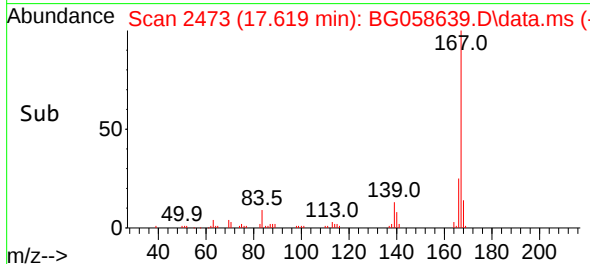
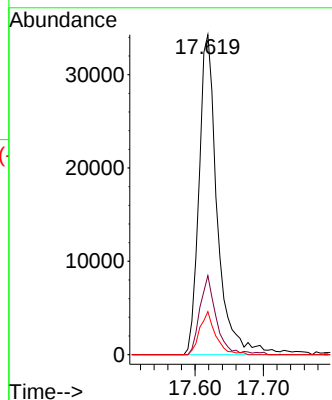
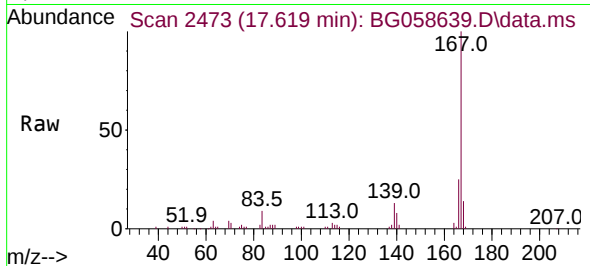




#73
Carbazole
Concen: 5.509 ng
RT: 17.619 min Scan# 2473
Delta R.T. 0.007 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

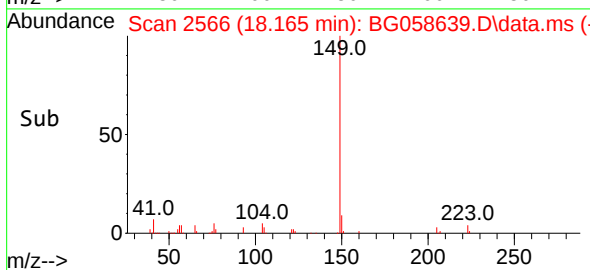
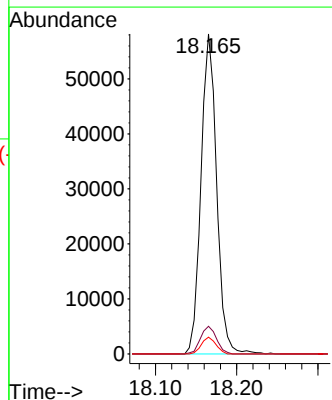
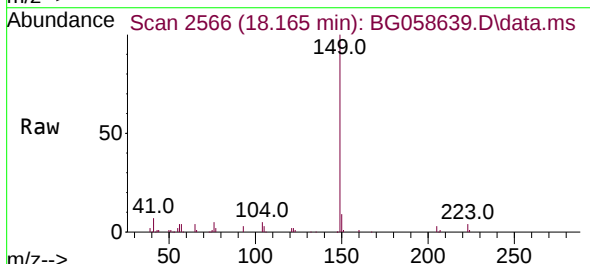
Instrument :
BNA_G
ClientSampleId :
PB154550BS

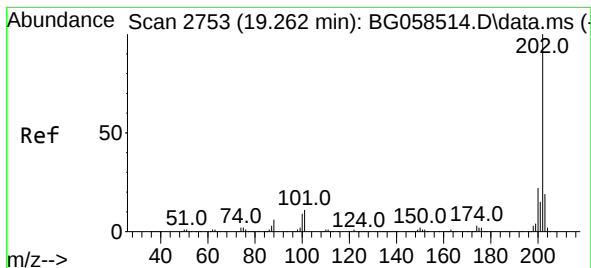
Tgt Ion:167 Resp: 63702
Ion Ratio Lower Upper
167 100
166 24.7 18.4 27.6
139 13.4 10.0 15.0



#74
Di-n-butylphthalate
Concen: 5.370 ng
RT: 18.165 min Scan# 2566
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:149 Resp: 77773
Ion Ratio Lower Upper
149 100
150 8.6 7.8 11.6
104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 5.689 ng

RT: 19.264 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

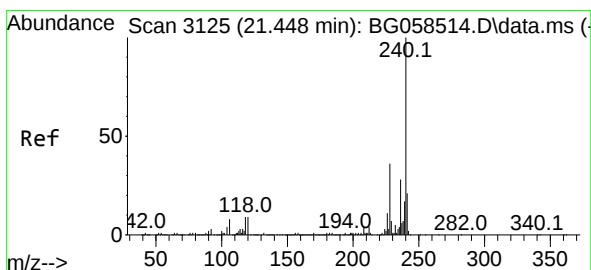
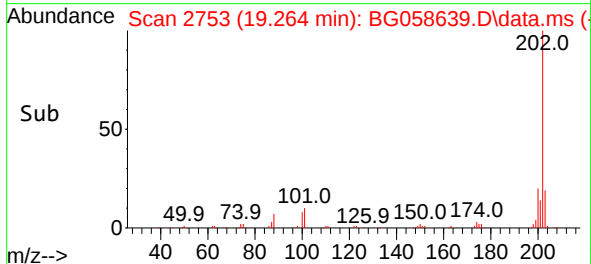
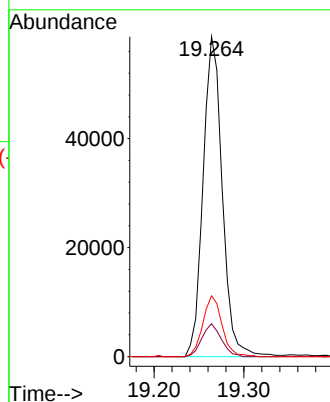
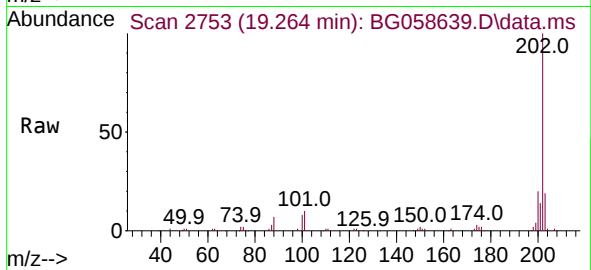
Tgt Ion:202 Resp: 87321

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 19.0 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3124

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

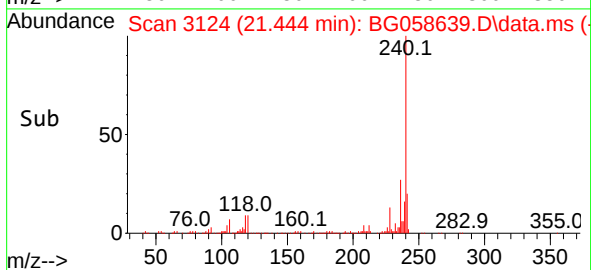
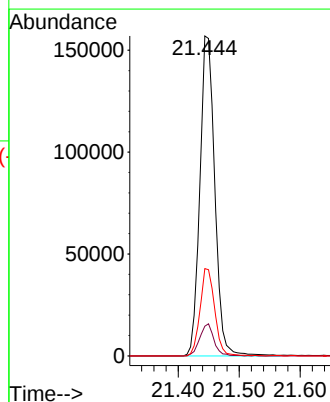
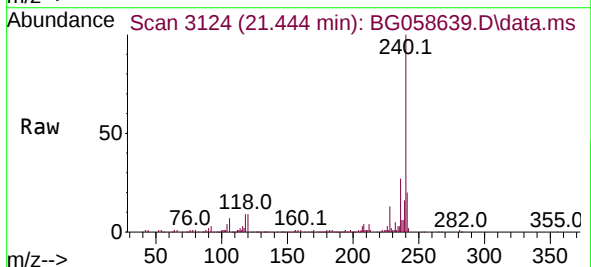
Tgt Ion:240 Resp: 267127

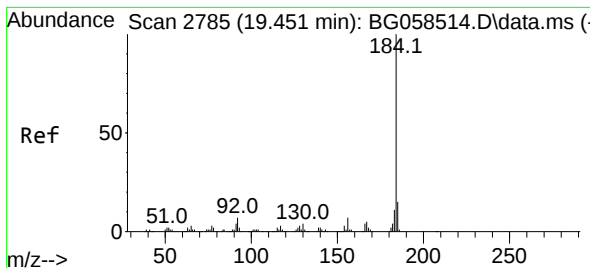
Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 27.3 22.2 33.4





#77

Benzidine

Concen: 8.753 ng

RT: 19.458 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

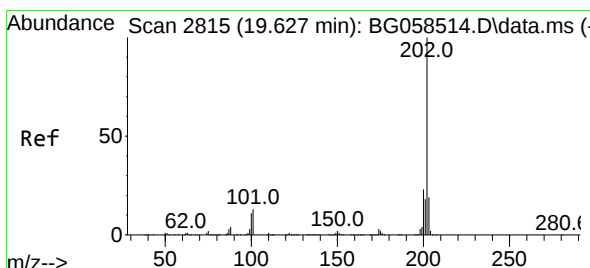
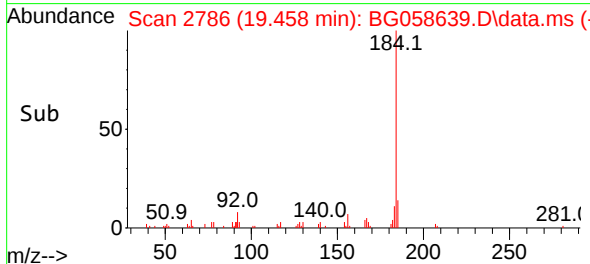
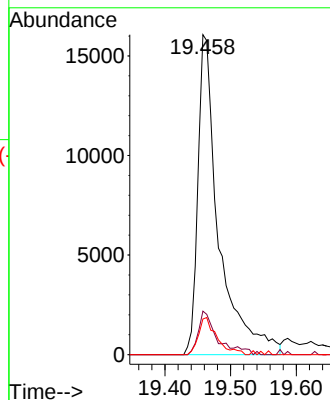
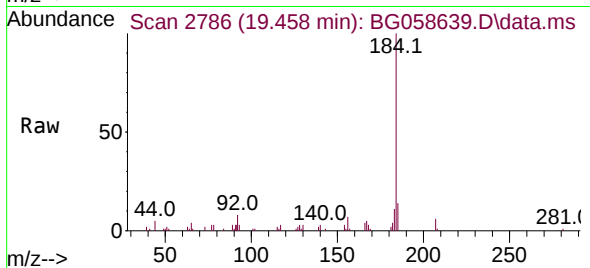
Tgt Ion:184 Resp: 35456

Ion Ratio Lower Upper

184 100

185 13.6 11.9 17.9

183 11.1 8.7 13.1



#78

Pyrene

Concen: 5.203 ng

RT: 19.628 min Scan# 2815

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

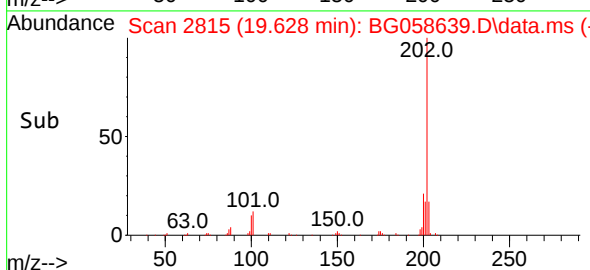
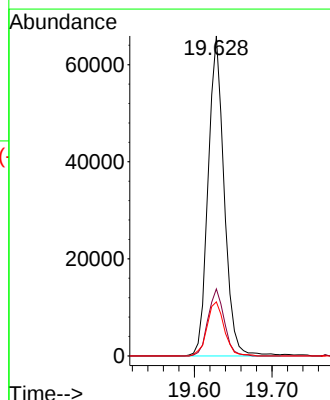
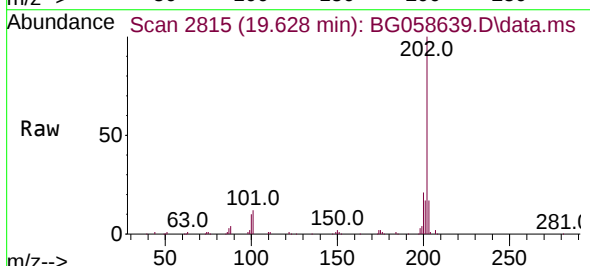
Tgt Ion:202 Resp: 94596

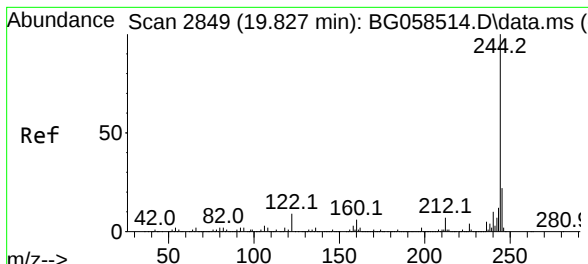
Ion Ratio Lower Upper

202 100

200 20.9 18.2 27.2

203 16.9 15.1 22.7





#79

Terphenyl-d14

Concen: 11.342 ng

RT: 19.822 min Scan# 2849

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

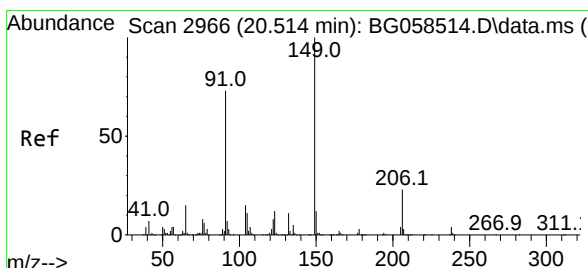
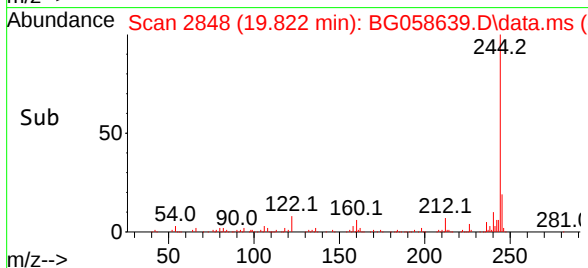
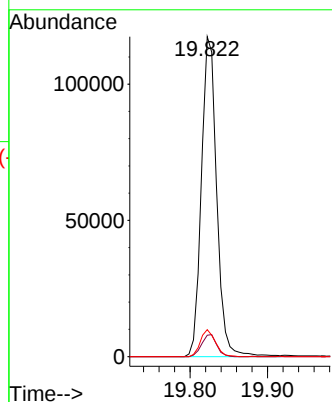
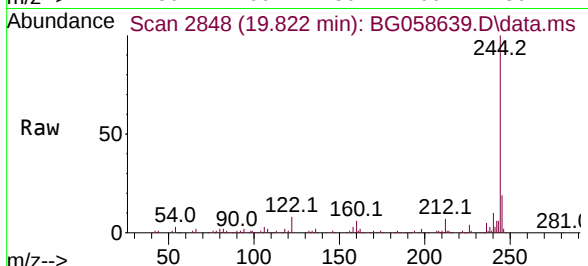
Tgt Ion:244 Resp: 161116

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.4 6.8 10.2



#80

Butylbenzylphthalate

Concen: 4.473 ng

RT: 20.515 min Scan# 2966

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

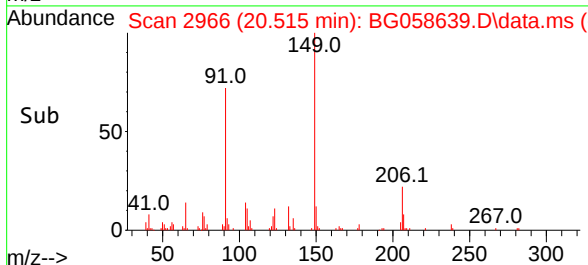
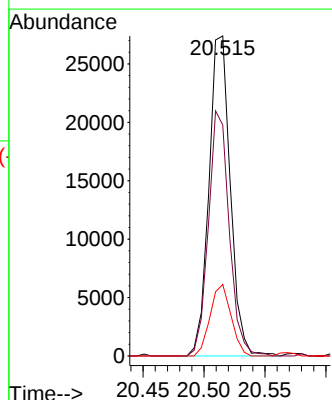
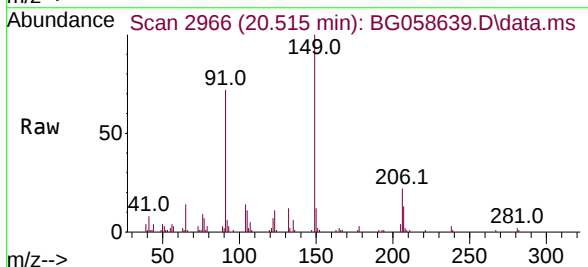
Tgt Ion:149 Resp: 33399

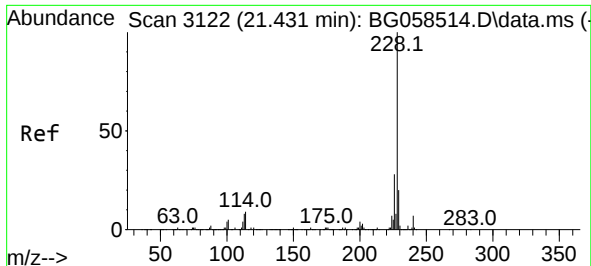
Ion Ratio Lower Upper

149 100

91 72.1 58.4 87.6

206 22.3 18.3 27.5

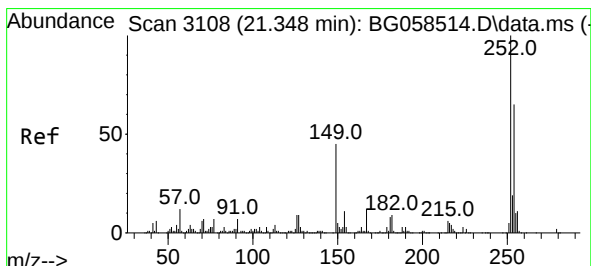
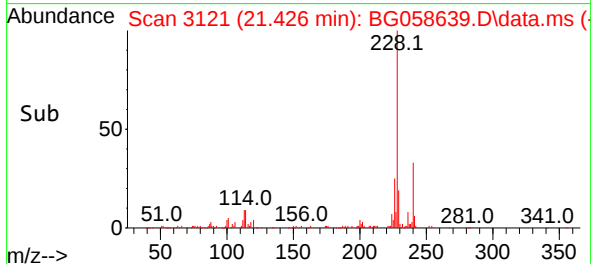
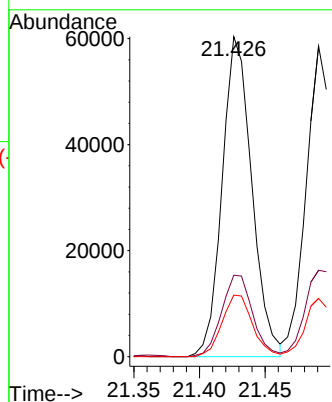
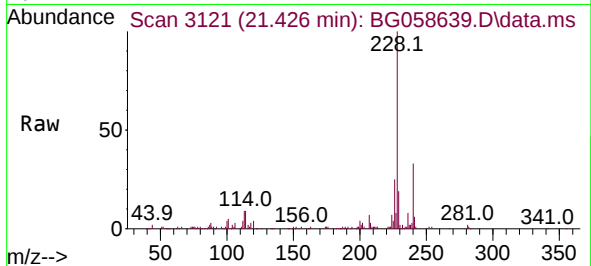




#81
Benzo(a)anthracene
Concen: 5.156 ng
RT: 21.426 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

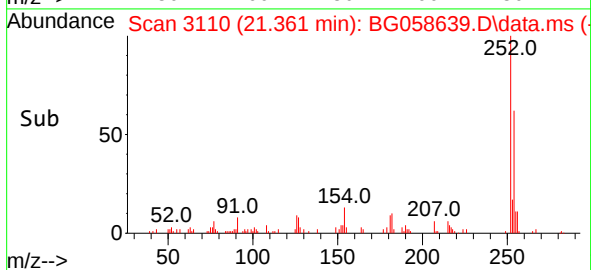
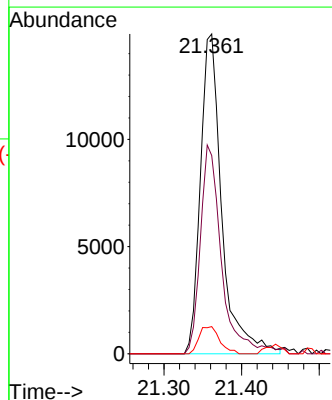
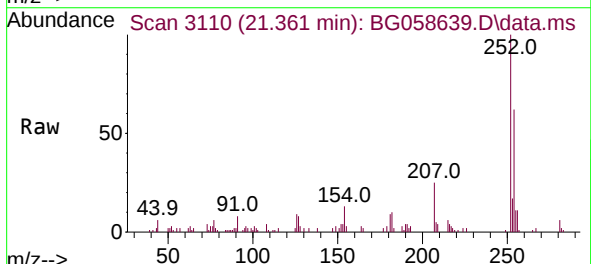
Instrument :
BNA_G
ClientSampleId :
PB154550BS

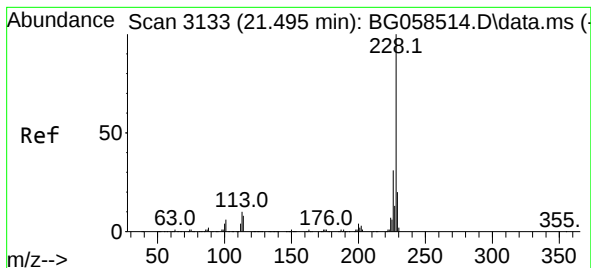
Tgt Ion:228 Resp: 94793
Ion Ratio Lower Upper
228 100
226 25.4 22.6 33.8
229 19.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 4.600 ng
RT: 21.361 min Scan# 3110
Delta R.T. 0.013 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:252 Resp: 28590
Ion Ratio Lower Upper
252 100
254 62.0 52.2 78.4
126 8.5 7.2 10.8





#83

Chrysene

Concen: 5.180 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

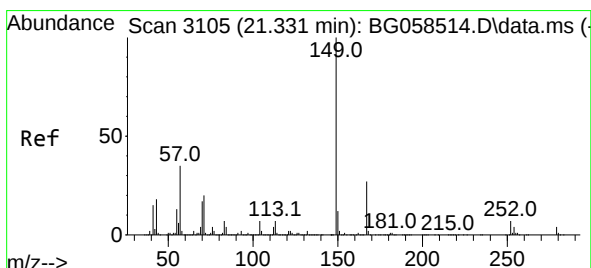
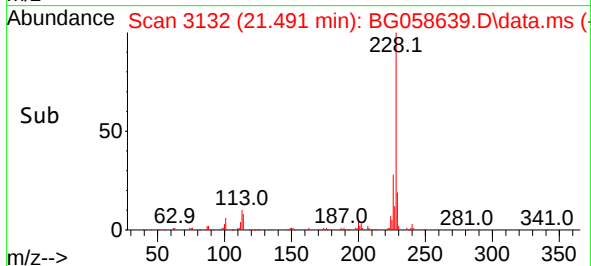
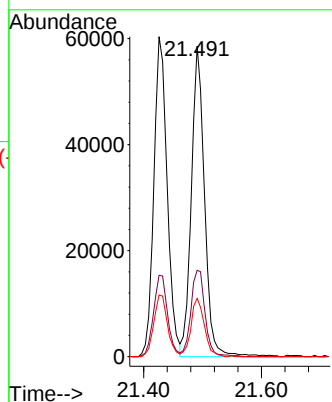
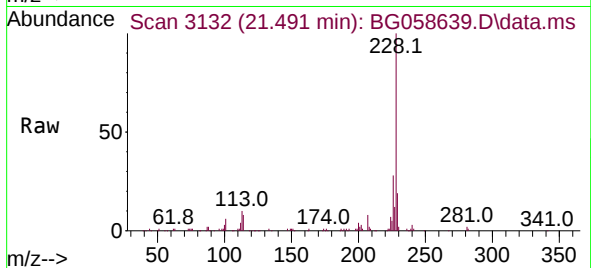
Tgt Ion:228 Resp: 91307

Ion Ratio Lower Upper

228 100

226 27.8 25.0 37.6

229 18.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.600 ng

RT: 21.332 min Scan# 3105

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

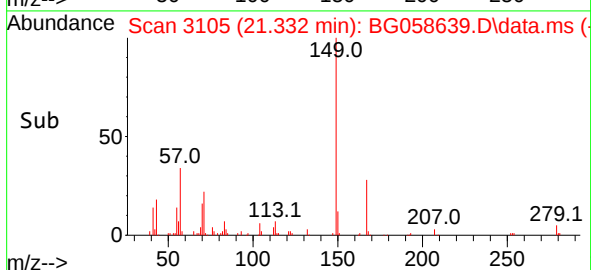
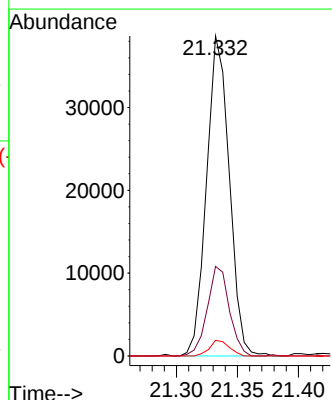
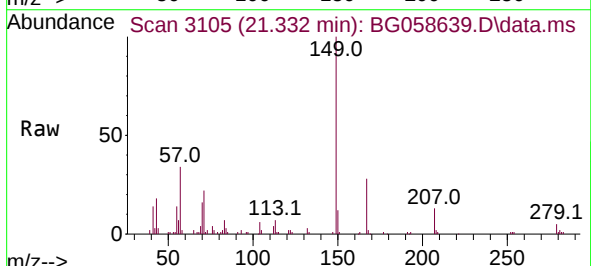
Tgt Ion:149 Resp: 50198

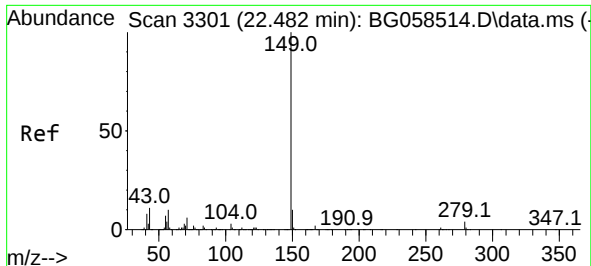
Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.8

279 4.9 2.9 4.3#

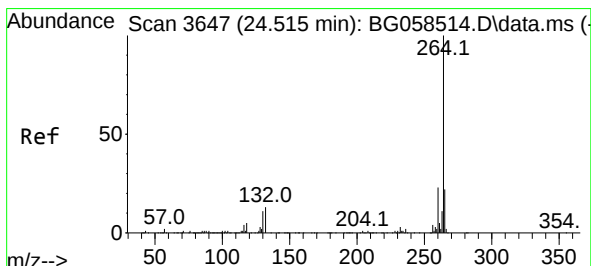
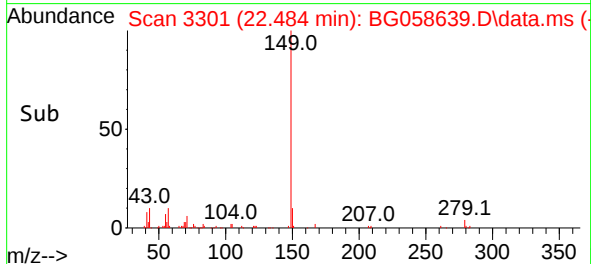
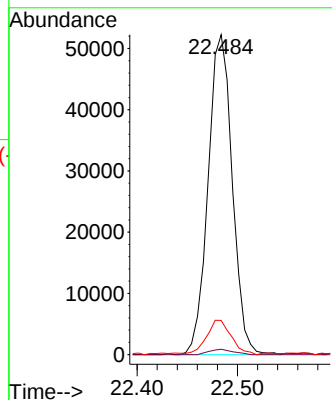
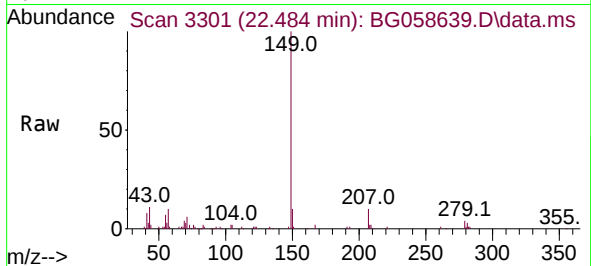




#85
Di-n-octyl phthalate
Concen: 4.562 ng
RT: 22.484 min Scan# 3301
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

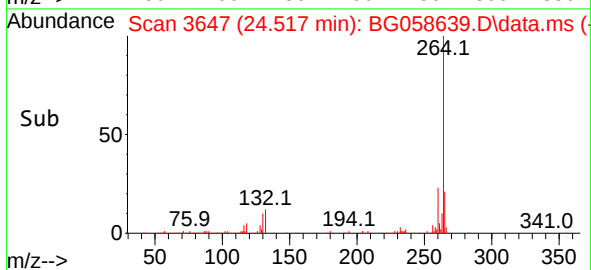
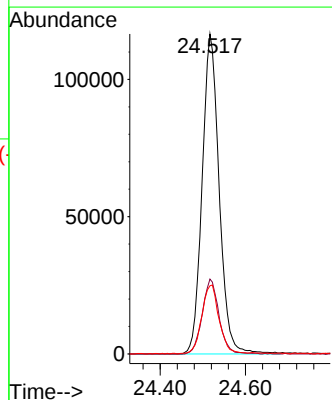
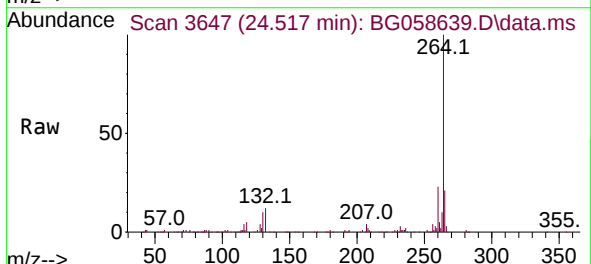
Instrument :
BNA_G
ClientSampleId :
PB154550BS

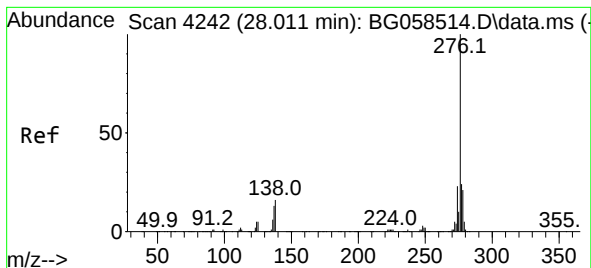
Tgt Ion:149 Resp: 87525
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.5 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.517 min Scan# 3647
Delta R.T. 0.001 min
Lab File: BG058639.D
Acq: 8 Aug 2023 12:16

Tgt Ion:264 Resp: 322488
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.105 ng

RT: 28.012 min Scan# 4242

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

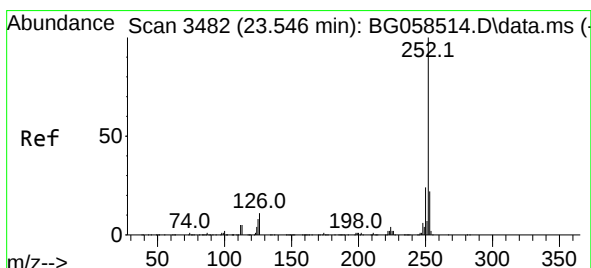
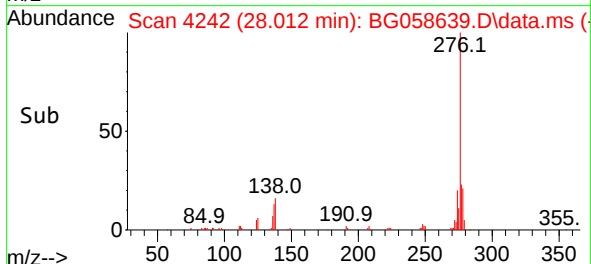
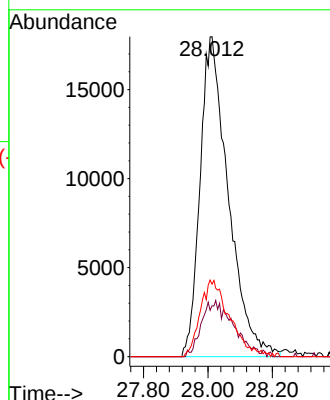
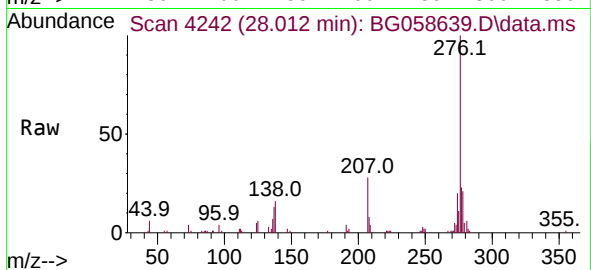
Tgt Ion:276 Resp: 109528

Ion Ratio Lower Upper

276 100

138 6.1 16.0 24.0#

277 25.0 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 5.431 ng

RT: 23.541 min Scan# 3481

Delta R.T. -0.004 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

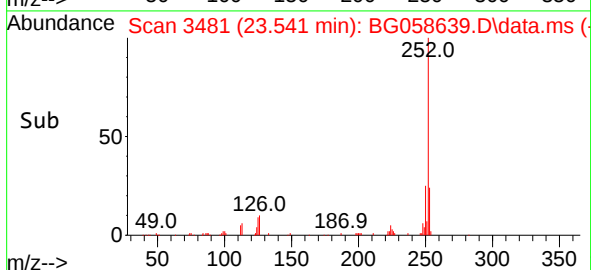
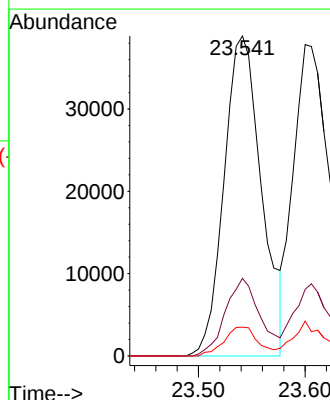
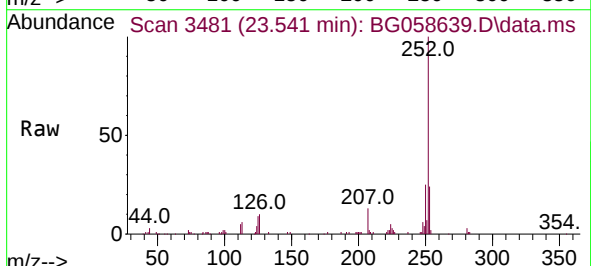
Tgt Ion:252 Resp: 94993

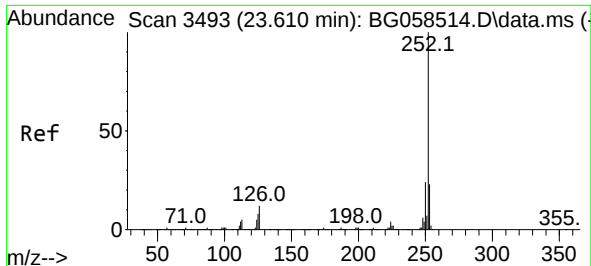
Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.8

125 9.0 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 5.406 ng

RT: 23.541 min Scan# 34

Delta R.T. -0.069 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

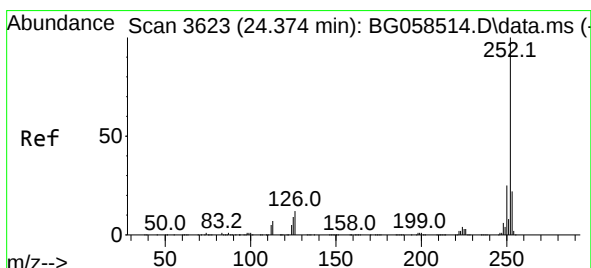
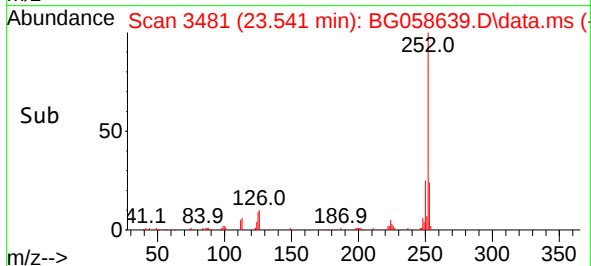
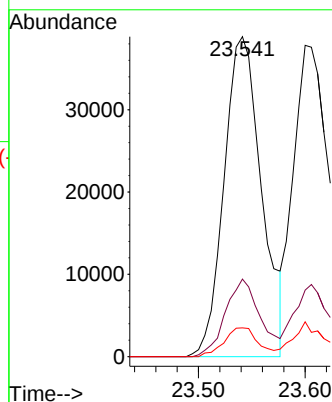
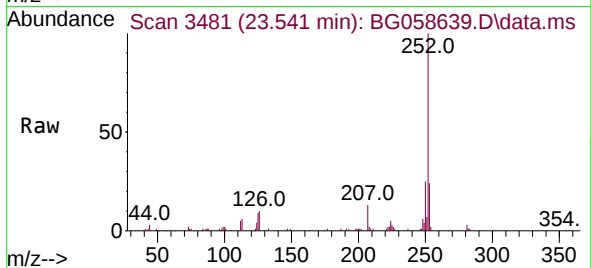
Tgt Ion:252 Resp: 94993

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

125 9.0 6.6 10.0



#90

Benzo(a)pyrene

Concen: 4.782 ng

RT: 24.376 min Scan# 3623

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

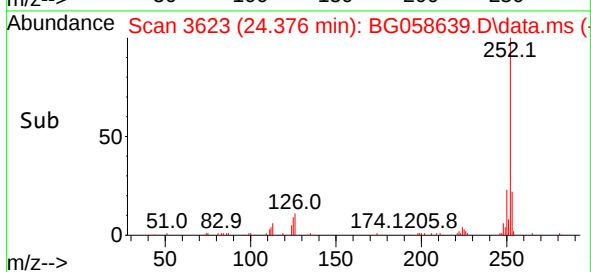
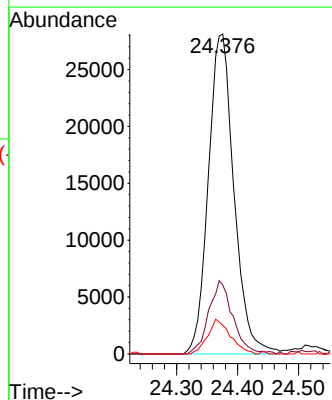
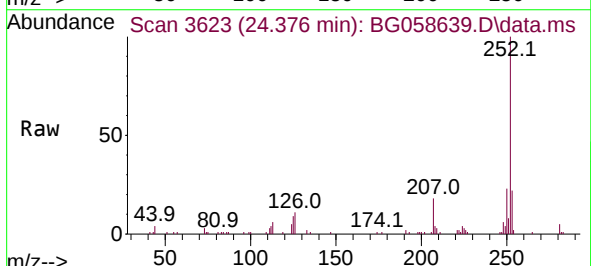
Tgt Ion:252 Resp: 82138

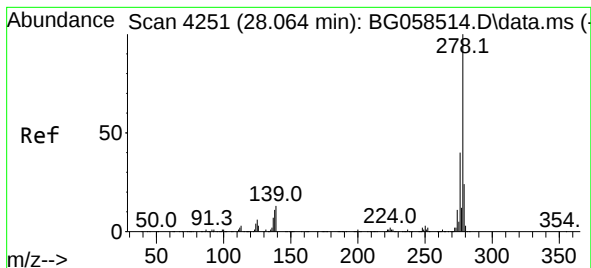
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 5.039 ng

RT: 28.065 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Instrument :

BNA_G

ClientSampleId :

PB154550BS

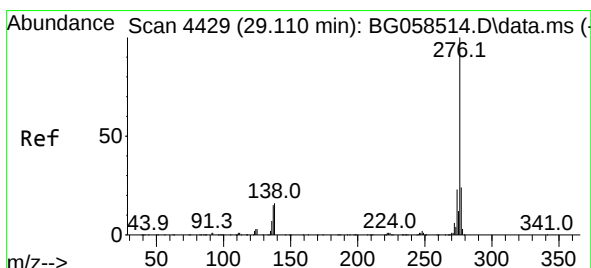
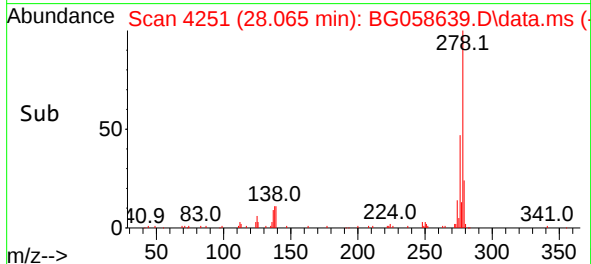
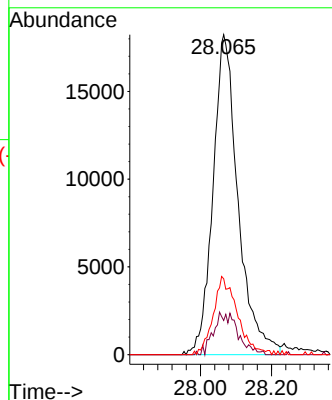
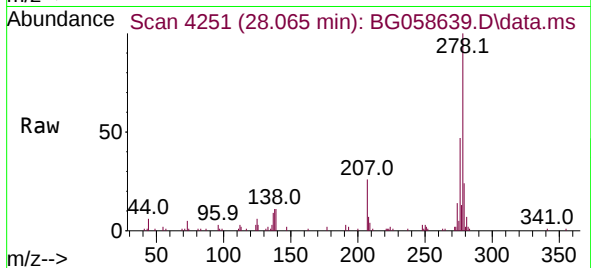
Tgt Ion:278 Resp: 89382

Ion Ratio Lower Upper

278 100

139 10.7 10.4 15.6

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 4.962 ng

RT: 29.094 min Scan# 4426

Delta R.T. -0.016 min

Lab File: BG058639.D

Acq: 8 Aug 2023 12:16

Tgt Ion:276 Resp: 88262

Ion Ratio Lower Upper

276 100

277 22.5 18.9 28.3

138 17.8 13.0 19.4

