

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058851.D
 Acq On : 25 Aug 2023 15:35
 Operator : MA/JU
 Sample : PB155022BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155022BS

Quant Time: Aug 26 09:16:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	15364	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	70100	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	54995	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	140745	20.000	ng	0.00
76) Chrysene-d12	21.461	240	114172	20.000	ng	0.00
86) Perylene-d12	24.540	264	142945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.403	112	143729	150.545	ng	0.00
7) Phenol-d6	7.007	99	193913	144.766	ng	0.00
23) Nitrobenzene-d5	8.993	82	121993	83.668	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	121685	141.115	ng	0.00
45) 2-Fluorobiphenyl	13.094	172	304822	80.617	ng	0.00
79) Terphenyl-d14	19.839	244	608128	95.641	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	14258	31.765	ng	# 93
3) Pyridine	3.676	79	37970	32.011	ng	96
4) n-Nitrosodimethylamine	3.599	42	29847	46.285	ng	# 95
6) Aniline	7.160	93	77188	47.140	ng	96
8) 2-Chlorophenol	7.395	128	52049	53.918	ng	99
9) Benzaldehyde	6.972	77	33342	44.376	ng	96
10) Phenol	7.031	94	71653	55.474	ng	95
11) bis(2-Chloroethyl)ether	7.254	93	47450	47.080	ng	96
12) 1,3-Dichlorobenzene	7.718	146	50927	49.667	ng	99
13) 1,4-Dichlorobenzene	7.865	146	51639	49.802	ng	96
14) 1,2-Dichlorobenzene	8.182	146	50082	49.974	ng	99
15) Benzyl Alcohol	8.071	79	52562	54.883	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.359	45	107380	49.993	ng	97
17) 2-Methylphenol	8.282	107	48521	51.146	ng	98
18) Hexachloroethane	8.905	117	18824	49.827	ng	98
19) n-Nitroso-di-n-propyla...	8.635	70	42326	48.883	ng	96
20) 3+4-Methylphenols	8.605	107	64896	50.881	ng	100
22) Acetophenone	8.658	105	84684	44.627	ng	# 98
24) Nitrobenzene	9.040	77	63640	43.884	ng	96
25) Isophorone	9.557	82	128125	44.188	ng	99
26) 2-Nitrophenol	9.751	139	28007	46.178	ng	95
27) 2,4-Dimethylphenol	9.810	122	53316	51.869	ng	95
28) bis(2-Chloroethoxy)met...	10.039	93	67877	44.194	ng	97
29) 2,4-Dichlorophenol	10.286	162	53845	50.978	ng	100
30) 1,2,4-Trichlorobenzene	10.497	180	57132	44.792	ng	97
31) Naphthalene	10.685	128	166128	45.135	ng	99
32) Benzoic acid	9.968	122	21393	35.636	ng	98
33) 4-Chloroaniline	10.797	127	64068	41.273	ng	98
34) Hexachlorobutadiene	10.956	225	37805	43.916	ng	96
35) Caprolactam	11.584	113	9843	26.006	ng	# 88
36) 4-Chloro-3-methylphenol	11.931	107	68545	52.184	ng	95
37) 2-Methylnaphthalene	12.295	142	118921	44.985	ng	97
38) 1-Methylnaphthalene	12.513	142	113993	45.426	ng	98
40) 1,2,4,5-Tetrachloroben...	12.665	216	69410	40.940	ng	100
41) Hexachlorocyclopentadiene	12.642	237	62474	92.165	ng	98
43) 2,4,6-Trichlorophenol	12.912	196	51790	48.007	ng	97

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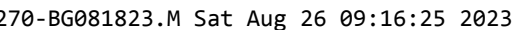
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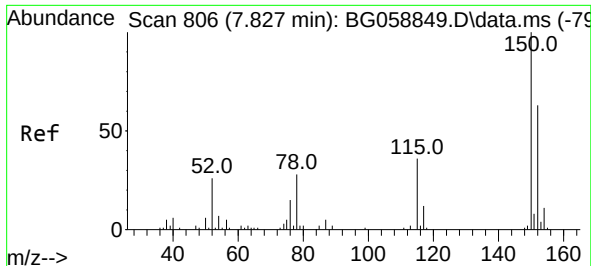
Quant Time: Aug 26 09:16:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	58245	45.086	ng	95
46) 1,1'-Biphenyl	13.306	154	161015	42.501	ng	97
47) 2-Chloronaphthalene	13.353	162	129966	44.021	ng	98
48) 2-Nitroaniline	13.564	65	52029	46.401	ng	99
49) Acenaphthylene	14.199	152	215508	44.017	ng	97
50) Dimethylphthalate	13.934	163	192897	45.301	ng	99
51) 2,6-Dinitrotoluene	14.058	165	41797	46.723	ng	94
52) Acenaphthene	14.540	154	127094	44.421	ng	98
53) 3-Nitroaniline	14.393	138	36692	42.526	ng	98
54) 2,4-Dinitrophenol	14.610	184	46887	92.591	ng	92
55) Dibenzofuran	14.874	168	219595	44.494	ng	99
56) 4-Nitrophenol	14.716	139	64219	101.610	ng	99
57) 2,4-Dinitrotoluene	14.851	165	60887	48.798	ng	97
58) Fluorene	15.527	166	183893	46.819	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.109	232	55393	52.545	ng	95
60) Diethylphthalate	15.292	149	203053	46.251	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	99800	45.842	ng	95
62) 4-Nitroaniline	15.562	138	42112	48.095	ng	91
63) Azobenzene	15.809	77	181420	45.003	ng	98
65) 4,6-Dinitro-2-methylph...	15.621	198	36980	46.483	ng	99
66) n-Nitrosodiphenylamine	15.732	169	163389	45.041	ng	98
67) 4-Bromophenyl-phenylether	16.408	248	69731	45.149	ng	98
68) Hexachlorobenzene	16.531	284	77996	46.922	ng	99
69) Atrazine	16.684	200	68978	53.730	ng	99
70) Pentachlorophenol	16.878	266	75922	87.103	ng	97
71) Phenanthrene	17.266	178	301549	44.629	ng	98
72) Anthracene	17.354	178	306506	45.229	ng	99
73) Carbazole	17.630	167	285235	45.964	ng	98
74) Di-n-butylphthalate	18.176	149	349836	44.688	ng	99
75) Fluoranthene	19.275	202	369225	44.065	ng	98
77) Benzidine	19.463	184	226492	110.690	ng	98
78) Pyrene	19.639	202	374268	47.047	ng	98
80) Butylbenzylphthalate	20.521	149	151991	47.109	ng	97
81) Benzo(a)anthracene	21.443	228	363490	45.737	ng	98
82) 3,3'-Dichlorobenzidine	21.361	252	132047	48.126	ng	100
83) Chrysene	21.508	228	339530	44.323	ng	98
84) Bis(2-ethylhexyl)phtha...	21.343	149	218592	46.195	ng	99
85) Di-n-octyl phthalate	22.495	149	379035	46.571	ng	99
87) Indeno(1,2,3-cd)pyrene	28.053	276	451415	46.676	ng	# 94
88) Benzo(b)fluoranthene	23.564	252	385560	48.612	ng	98
89) Benzo(k)fluoranthene	23.629	252	383352	46.867	ng	99
90) Benzo(a)pyrene	24.393	252	346631	44.386	ng	99
91) Dibenzo(a,h)anthracene	28.106	278	378550	47.635	ng	98
92) Benzo(g,h,i)perylene	29.158	276	370089	46.579	ng	96

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

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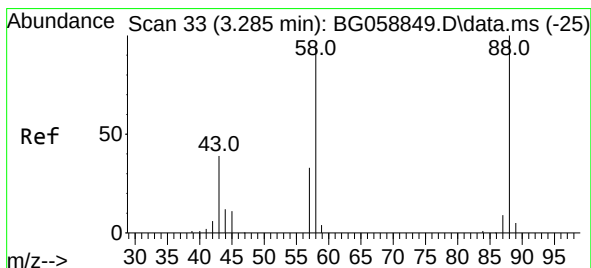
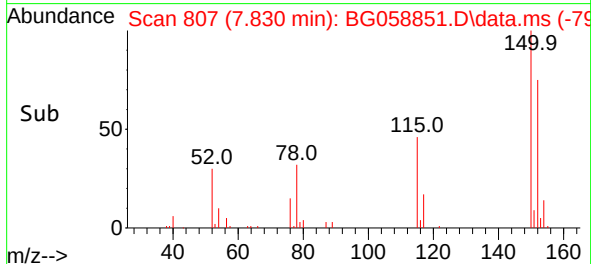
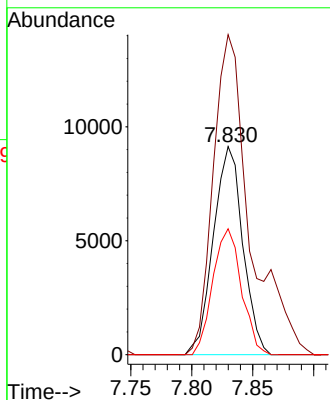
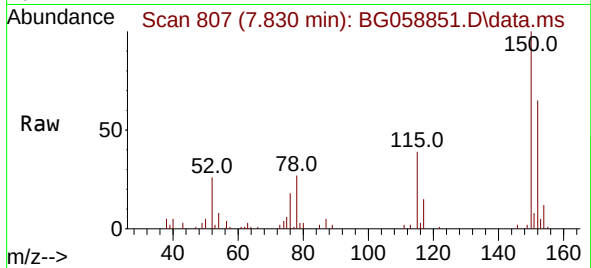




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.830 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

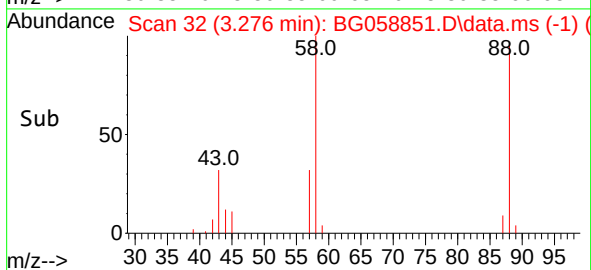
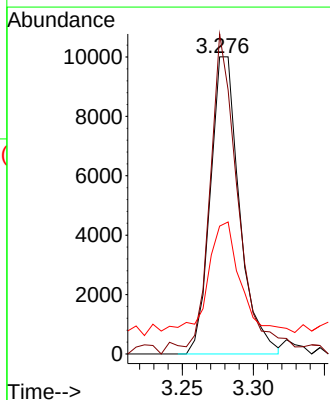
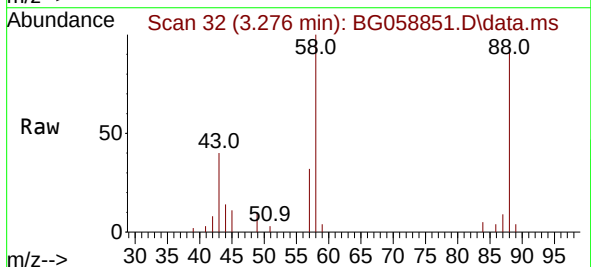
Instrument :
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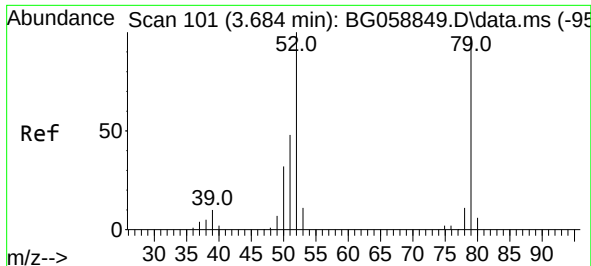
Tgt Ion:152 Resp: 15364
Ion Ratio Lower Upper
152 100
150 153.8 128.6 192.8
115 60.5 50.4 75.6



#2
1,4-Dioxane
Concen: 31.765 ng
RT: 3.276 min Scan# 32
Delta R.T. -0.009 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 88 Resp: 14258
Ion Ratio Lower Upper
88 100
58 107.5 82.8 124.2
43 46.0 30.1 45.1#

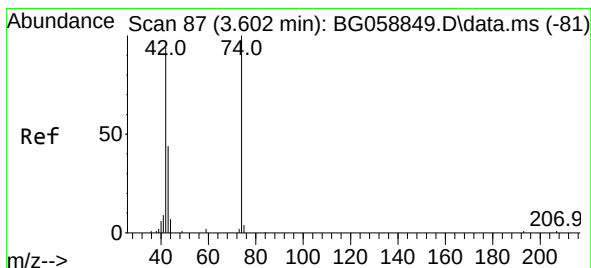
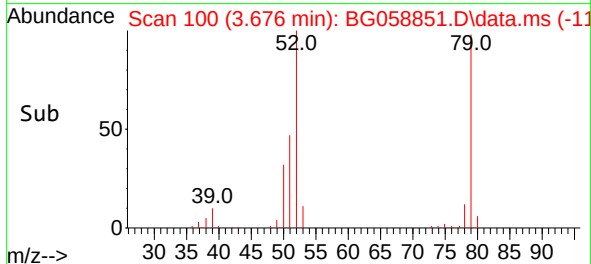
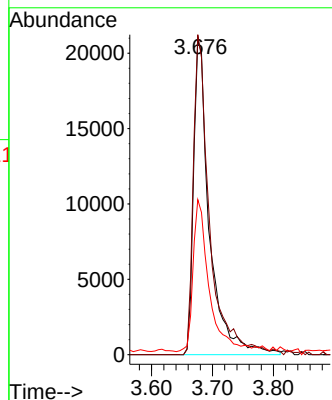
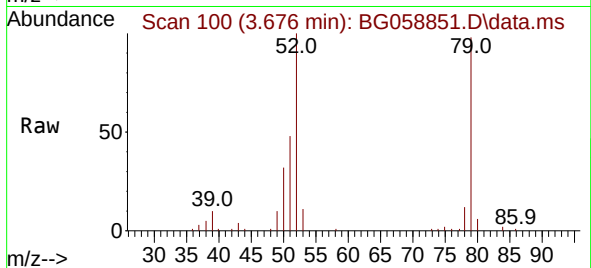




#3
Pyridine
Concen: 32.011 ng
RT: 3.676 min Scan# 101
Delta R.T. -0.009 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

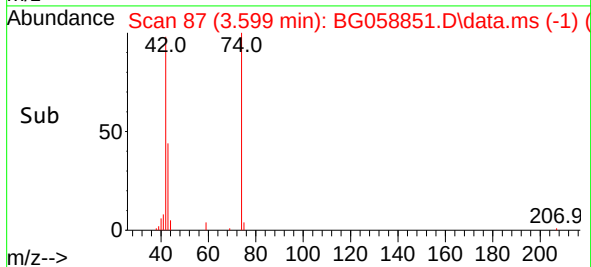
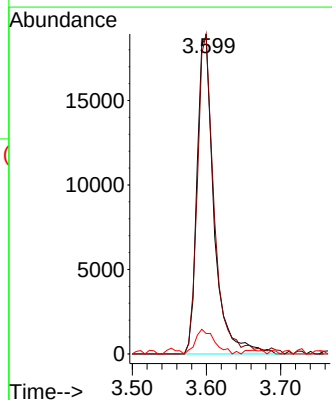
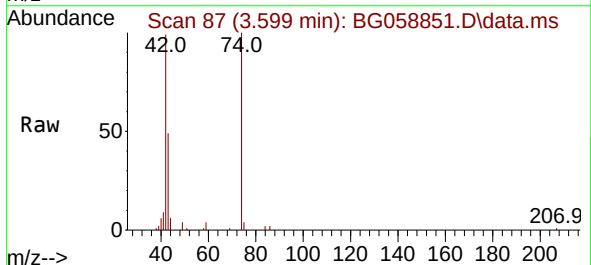
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BNA_G
ClientSampleId :
PB155022BS

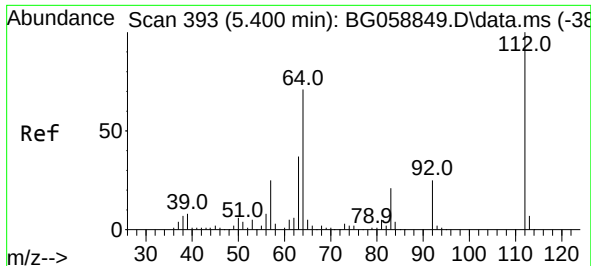
Tgt Ion: 79 Resp: 37970
Ion Ratio Lower Upper
79 100
52 101.7 77.6 116.4
51 49.3 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 46.285 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 42 Resp: 29847
Ion Ratio Lower Upper
42 100
74 100.8 85.1 127.7
44 6.4 6.9 10.3

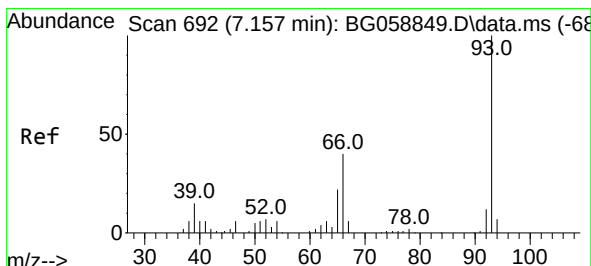
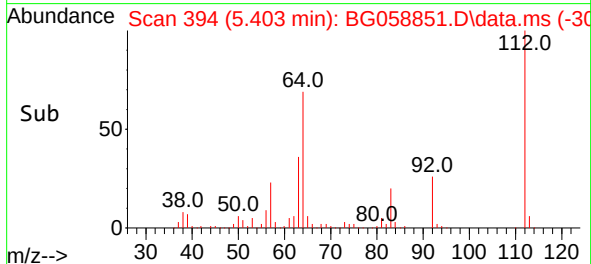
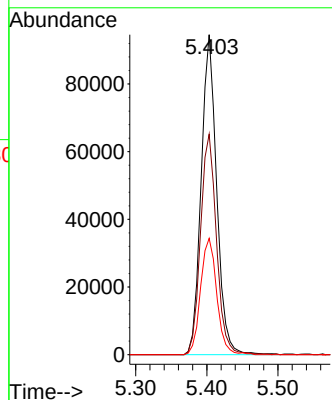
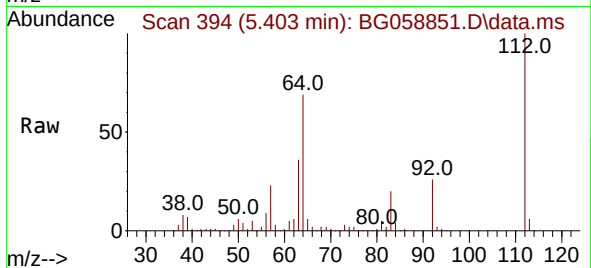




#5
2-Fluorophenol
Concen: 150.545 ng
RT: 5.403 min Scan# 394
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

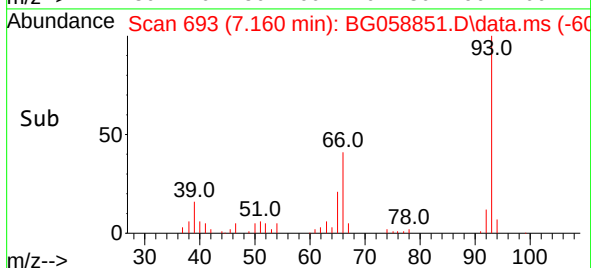
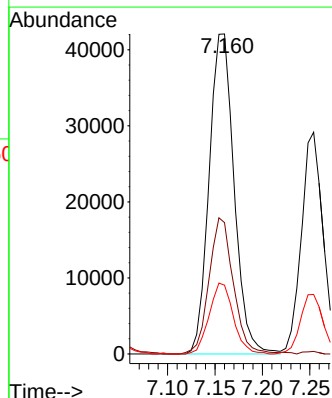
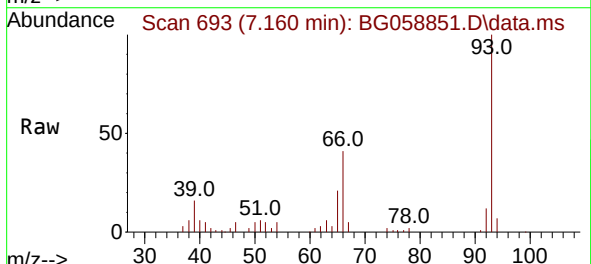
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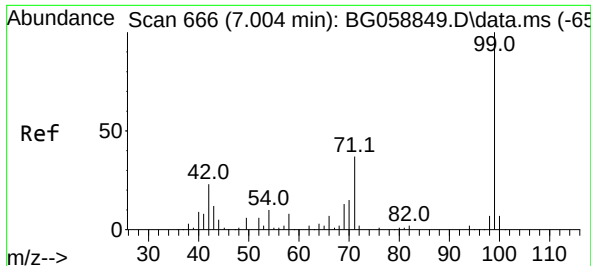
Tgt Ion:112 Resp: 143729
Ion Ratio Lower Upper
112 100
64 68.9 60.6 90.8
63 36.3 31.0 46.4



#6
Aniline
Concen: 47.140 ng
RT: 7.160 min Scan# 693
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 93 Resp: 77188
Ion Ratio Lower Upper
93 100
66 41.0 35.7 53.5
65 21.5 18.2 27.2

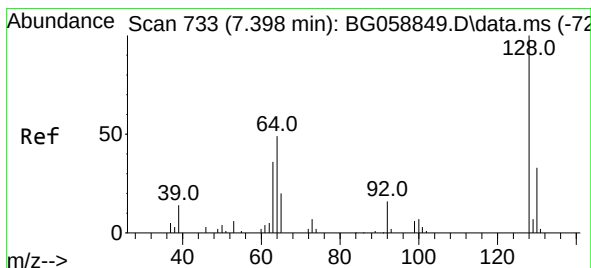
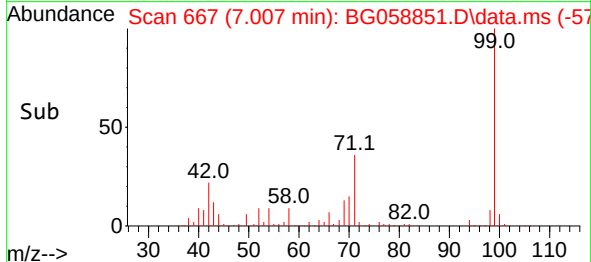
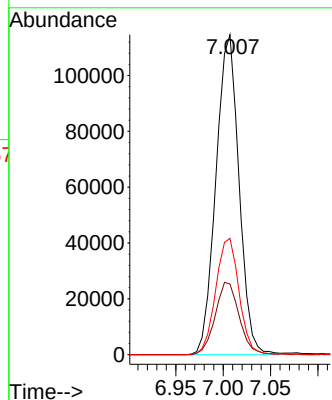
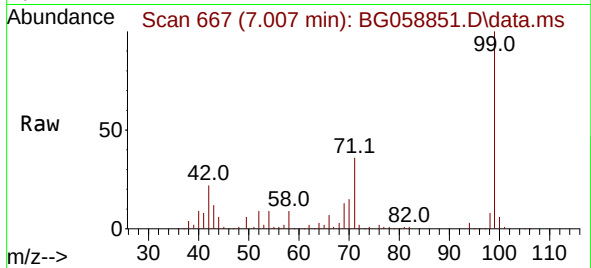




#7
Phenol-d6
Concen: 144.766 ng
RT: 7.007 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

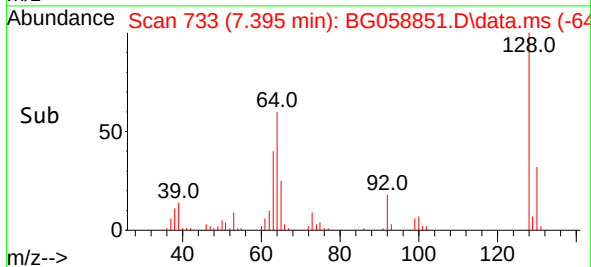
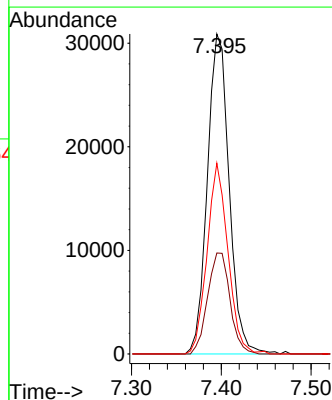
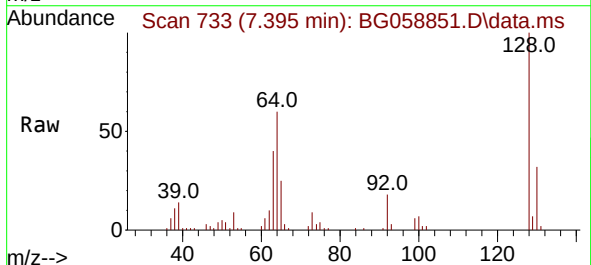
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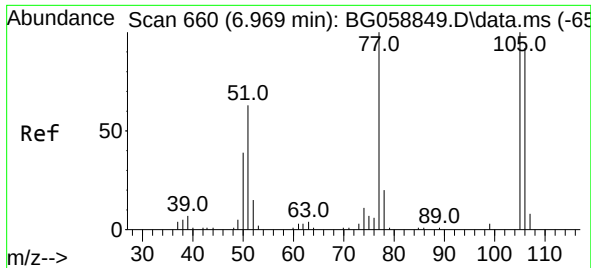
Tgt Ion: 99 Resp: 193913
Ion Ratio Lower Upper
99 100
42 22.1 16.5 24.7
71 36.3 28.4 42.6



#8
2-Chlorophenol
Concen: 53.918 ng
RT: 7.395 min Scan# 733
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 128 Resp: 52049
Ion Ratio Lower Upper
128 100
130 31.6 10.9 50.9
64 59.6 38.4 78.4





#9

Benzaldehyde

Concen: 44.376 ng

RT: 6.972 min Scan# 661

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

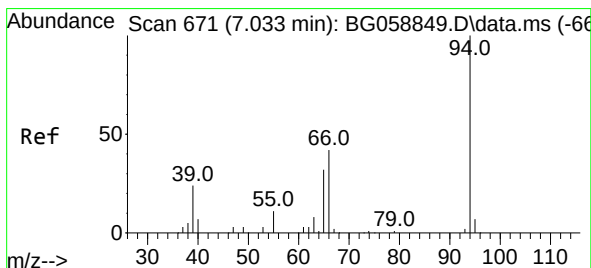
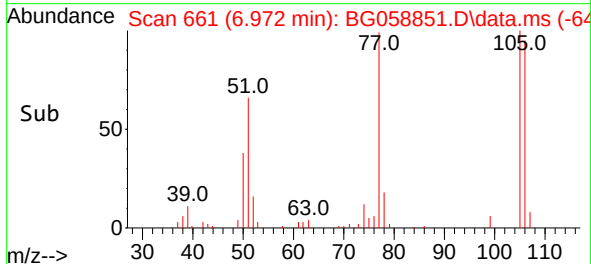
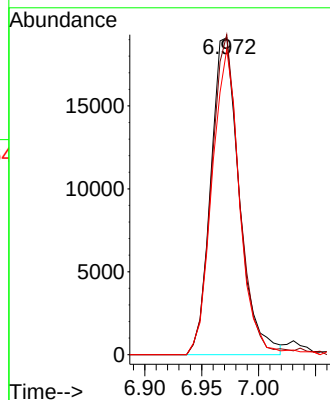
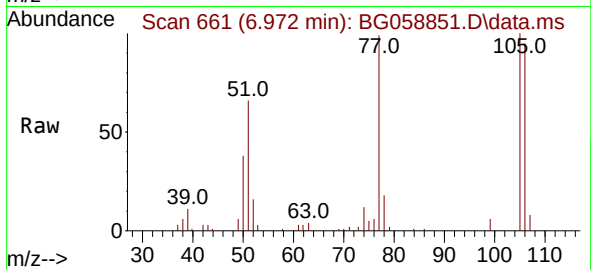
Tgt Ion: 77 Resp: 33342

Ion Ratio Lower Upper

77 100

105 101.0 76.7 116.7

106 96.4 73.4 113.4



#10

Phenol

Concen: 55.474 ng

RT: 7.031 min Scan# 671

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

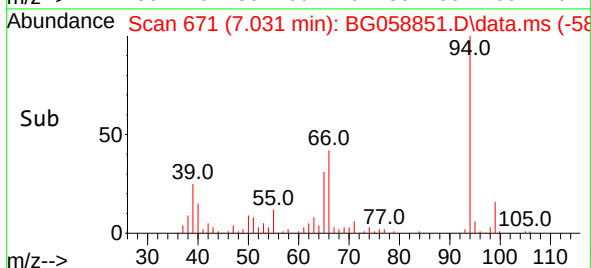
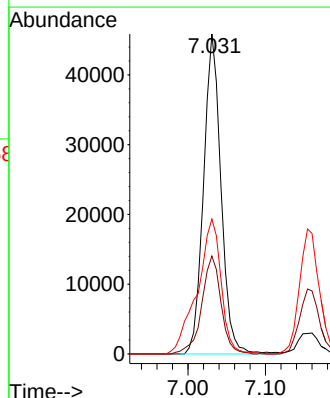
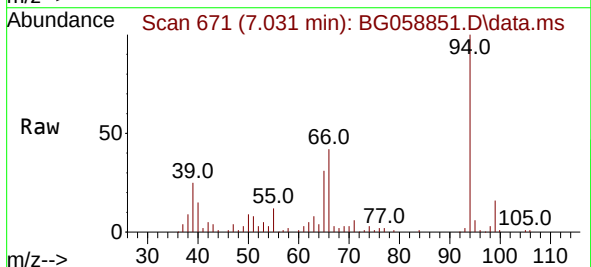
Tgt Ion: 94 Resp: 71653

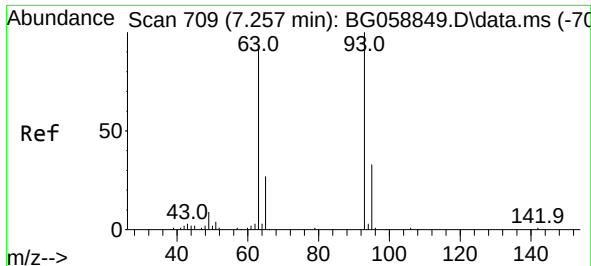
Ion Ratio Lower Upper

94 100

65 30.6 12.6 52.6

66 42.1 26.6 66.6

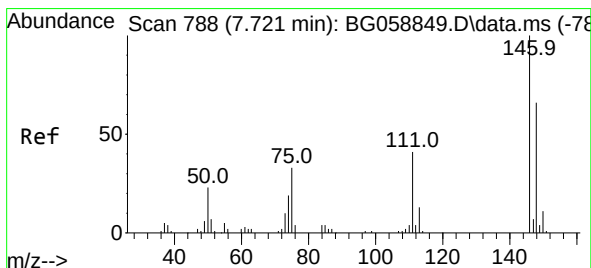
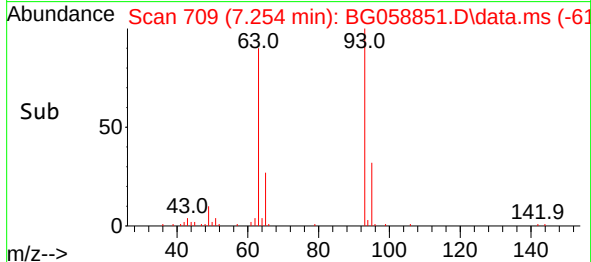
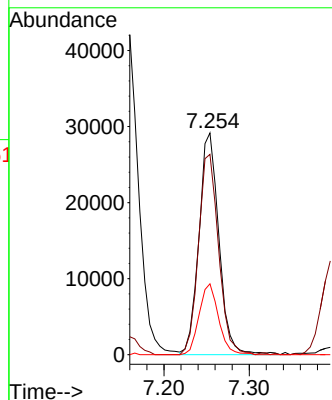
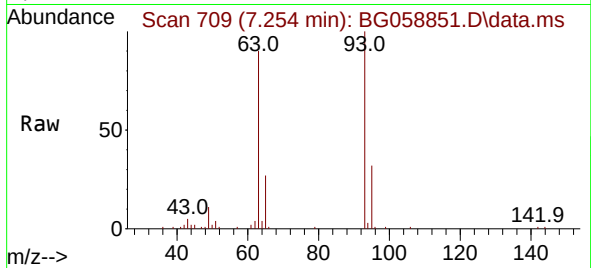




#11
bis(2-Chloroethyl)ether
Concen: 47.080 ng
RT: 7.254 min Scan# 709
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

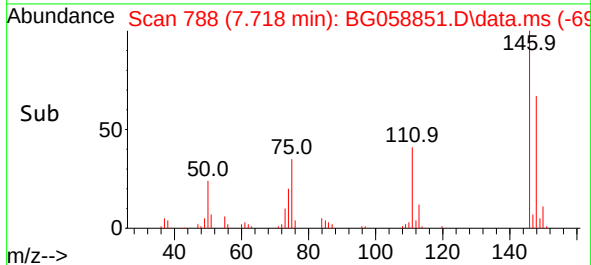
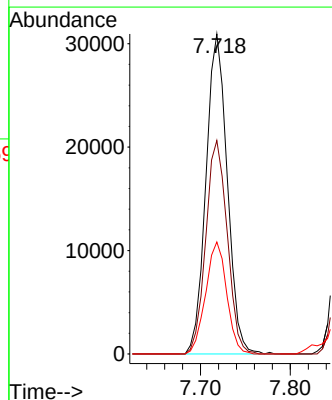
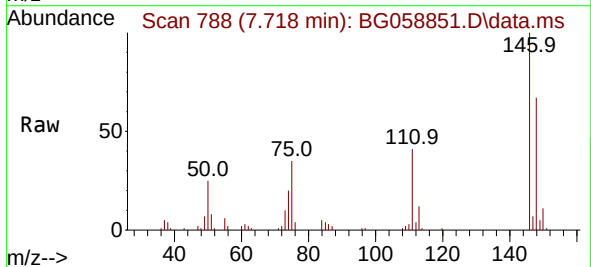
Instrument :
BNA_G
ClientSampleId :
PB155022BS

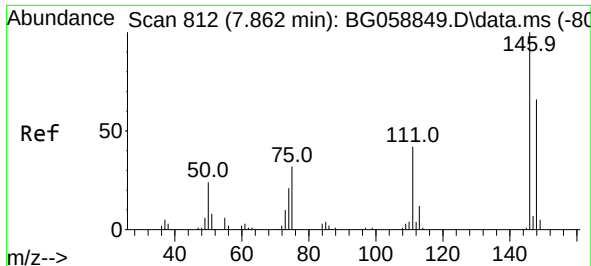
Tgt Ion: 93 Resp: 47450
Ion Ratio Lower Upper
93 100
63 90.3 74.8 114.8
95 31.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 49.667 ng
RT: 7.718 min Scan# 788
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:146 Resp: 50927
Ion Ratio Lower Upper
146 100
148 66.7 52.4 78.6
75 35.0 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 49.802 ng

RT: 7.865 min Scan# 812

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

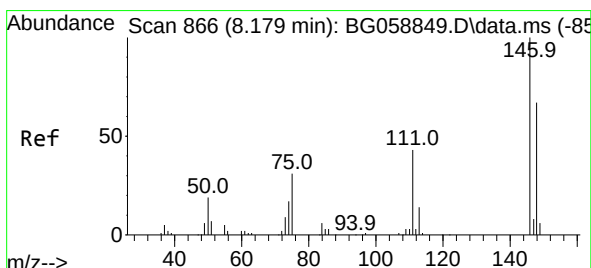
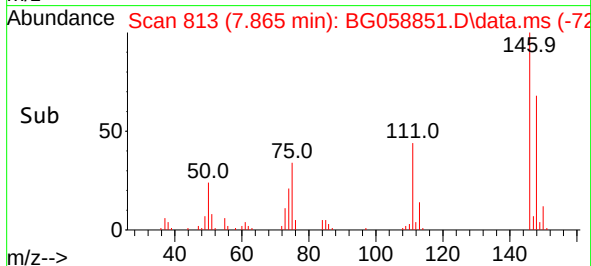
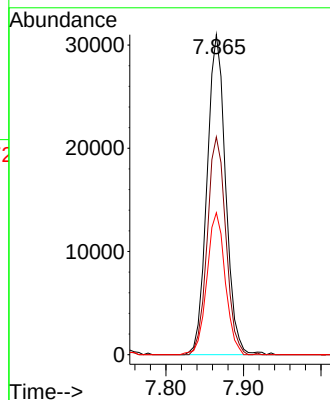
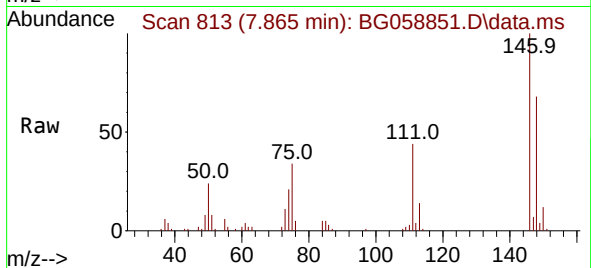
Tgt Ion:146 Resp: 51639

Ion Ratio Lower Upper

146 100

148 68.0 51.3 76.9

111 44.3 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 49.974 ng

RT: 8.182 min Scan# 867

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

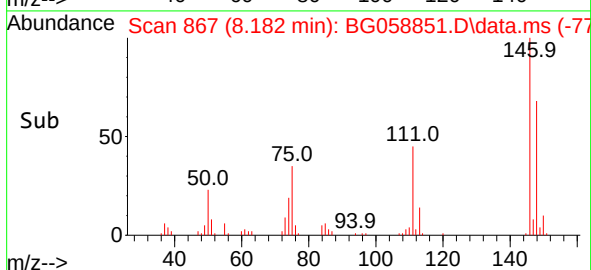
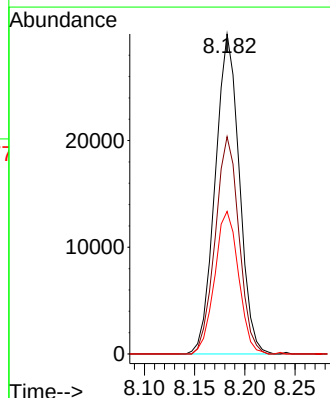
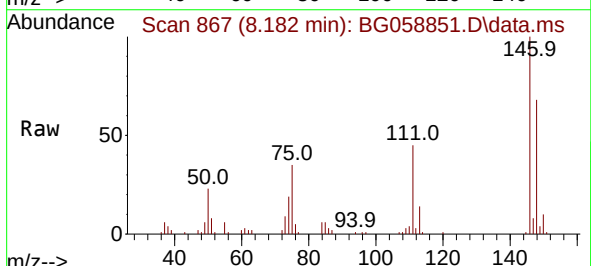
Tgt Ion:146 Resp: 50082

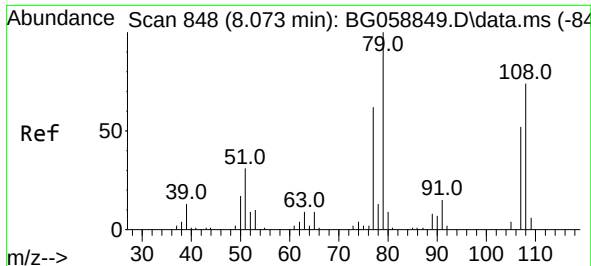
Ion Ratio Lower Upper

146 100

148 67.9 52.9 79.3

111 44.6 35.5 53.3





#15
Benzyl Alcohol
Concen: 54.883 ng
RT: 8.071 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

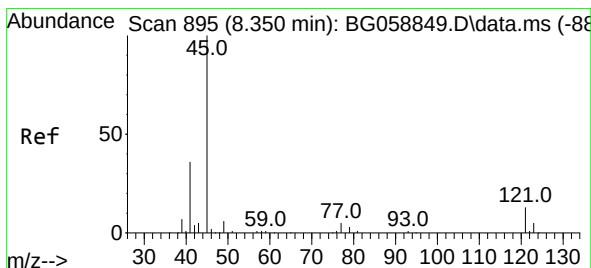
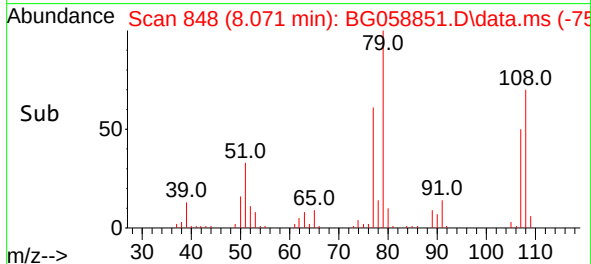
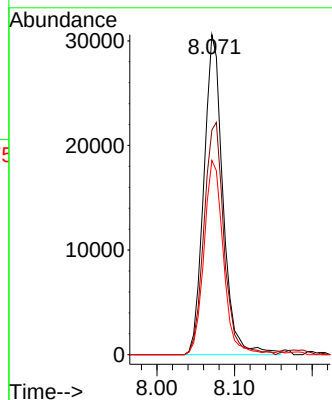
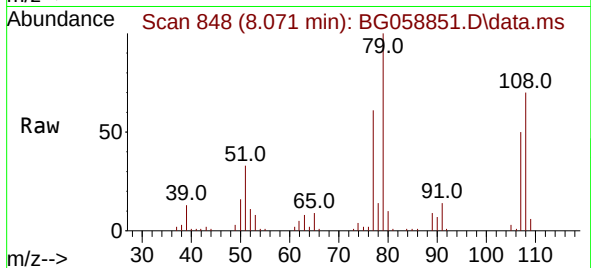
Instrument :

BNA_G

ClientSampleId :

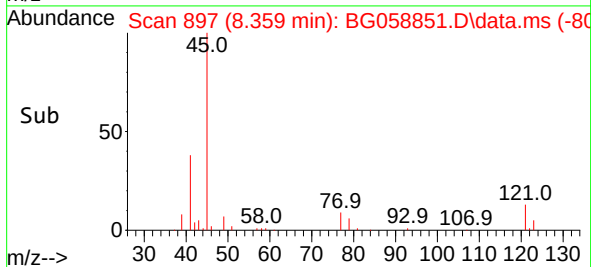
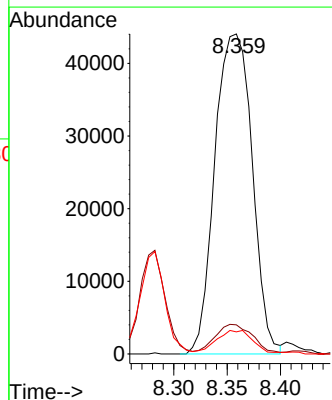
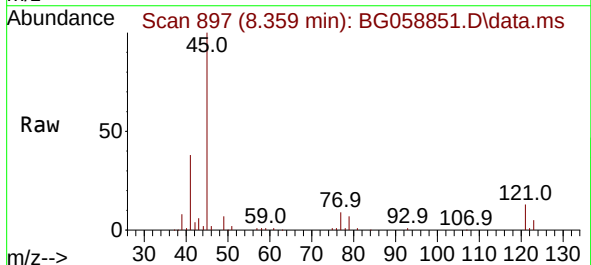
PB155022BS

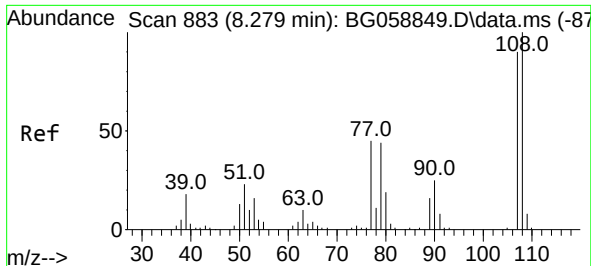
Tgt Ion: 79 Resp: 52562
Ion Ratio Lower Upper
79 100
108 70.2 63.4 95.0
77 60.7 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.993 ng
RT: 8.359 min Scan# 897
Delta R.T. 0.009 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 45 Resp: 107380
Ion Ratio Lower Upper
45 100
77 9.1 0.0 30.3
79 6.9 0.0 27.7





#17

2-Methylphenol

Concen: 51.146 ng

RT: 8.282 min Scan# 883

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

Tgt Ion:107 Resp: 48521

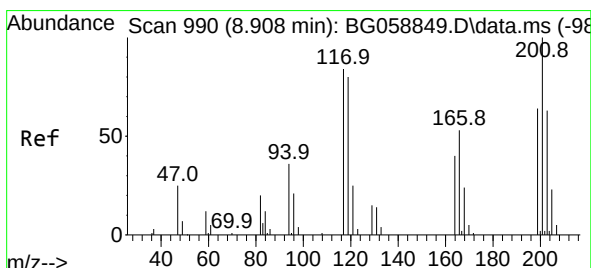
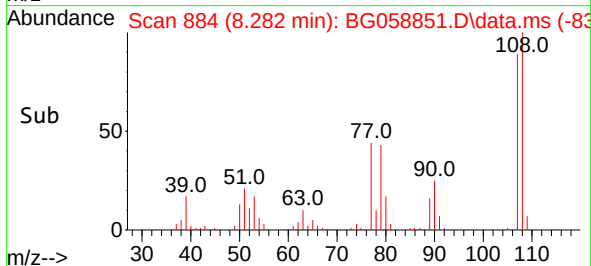
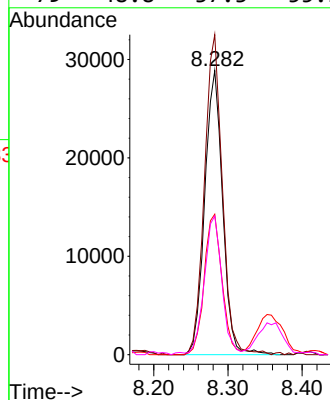
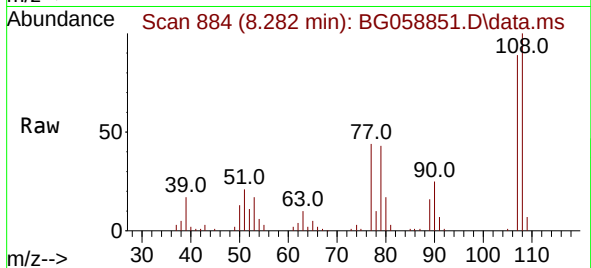
Ion Ratio Lower Upper

107 100

108 112.6 92.2 138.2

77 49.5 40.0 60.0

79 48.8 37.3 55.9



#18

Hexachloroethane

Concen: 49.827 ng

RT: 8.905 min Scan# 990

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

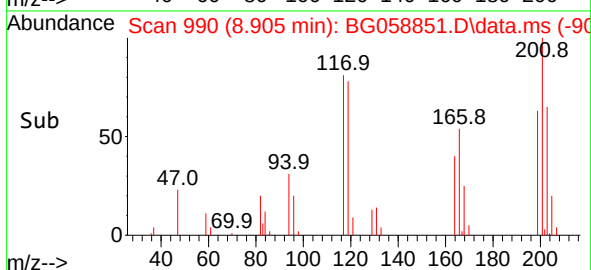
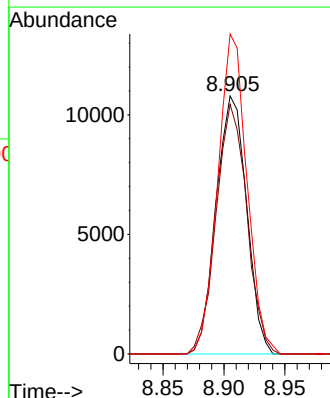
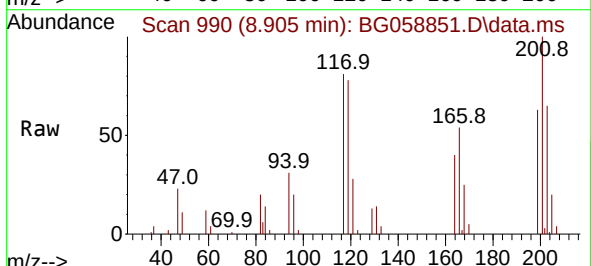
Tgt Ion:117 Resp: 18824

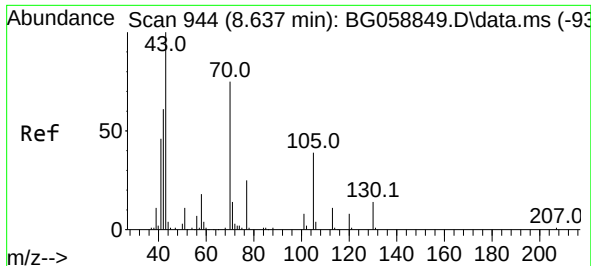
Ion Ratio Lower Upper

117 100

119 96.7 76.6 115.0

201 124.0 97.0 145.6

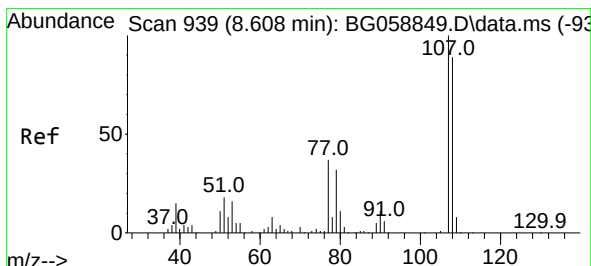
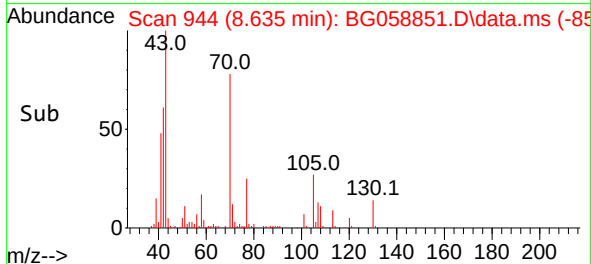
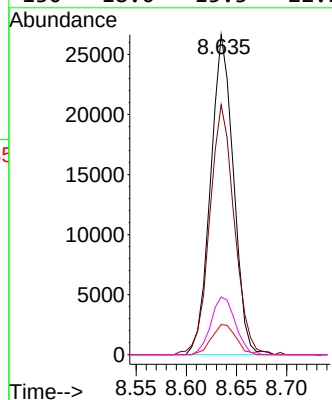
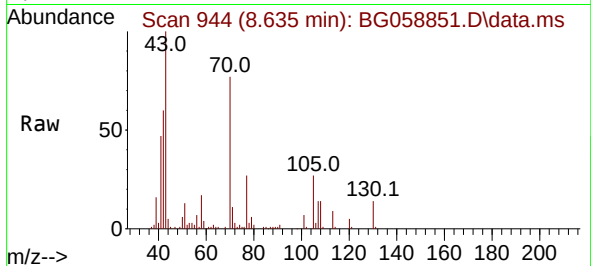




#19
n-Nitroso-di-n-propylamine
Concen: 48.883 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

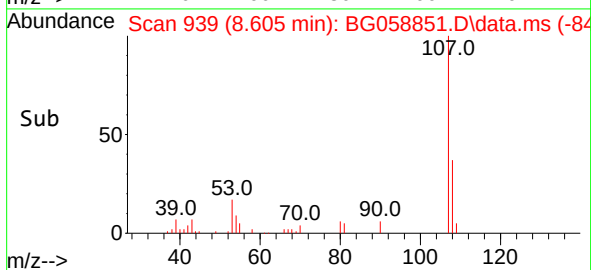
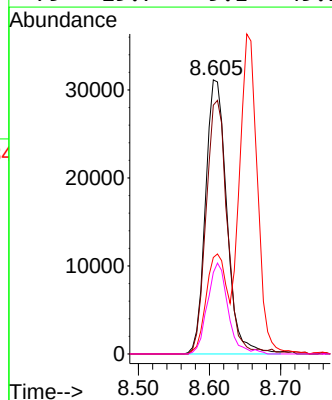
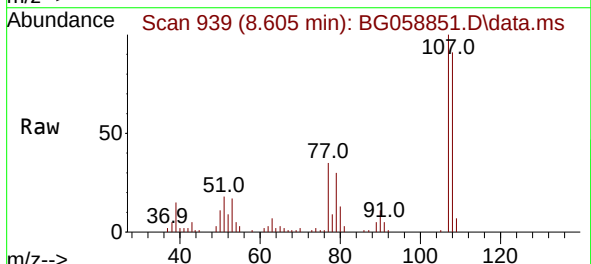
Instrument :
BNA_G
ClientSampleId :
PB155022BS

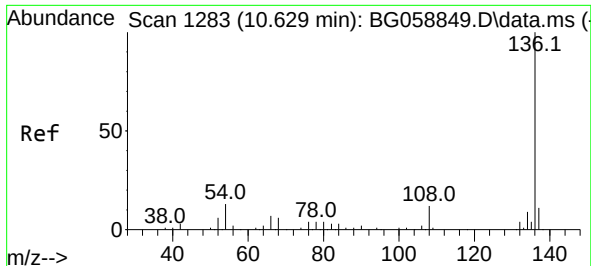
Tgt Ion:	70	Resp:	42326
Ion	Ratio	Lower	Upper
70	100		
42	78.1	59.2	88.8
101	9.4	8.2	12.2
130	18.0	15.3	22.9



#20
3+4-Methylphenols
Concen: 50.881 ng
RT: 8.605 min Scan# 939
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:	107	Resp:	64896
Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.6	110.6
77	35.2	14.8	54.8
79	29.7	9.1	49.1

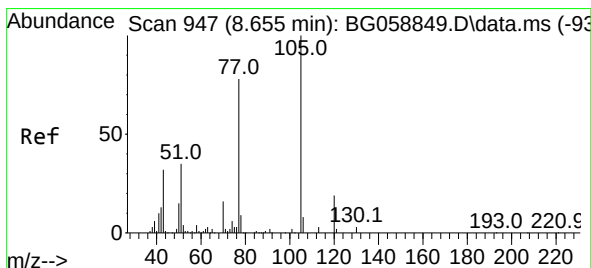
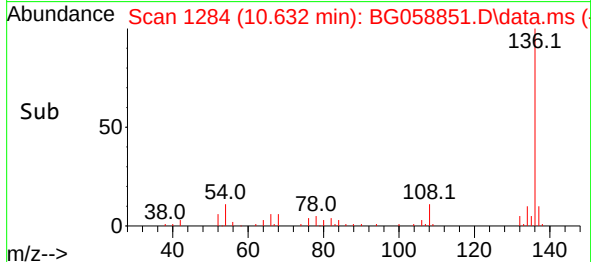
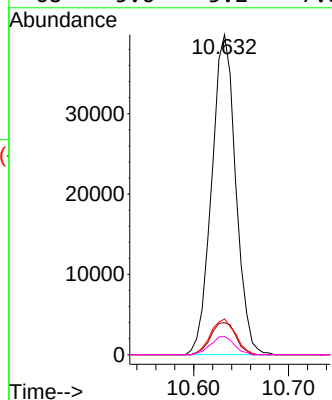
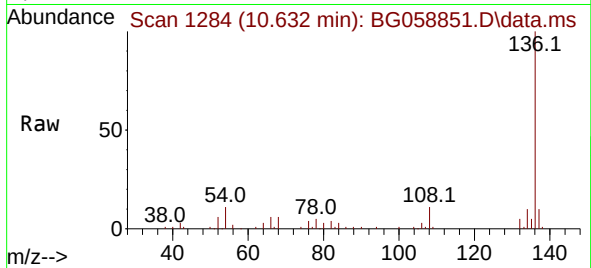




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

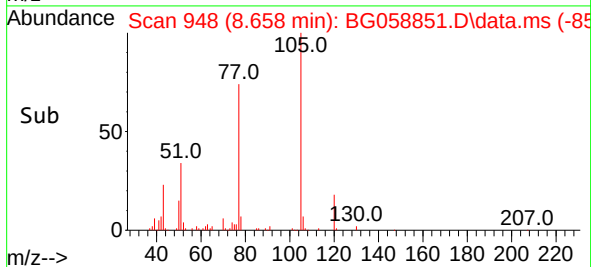
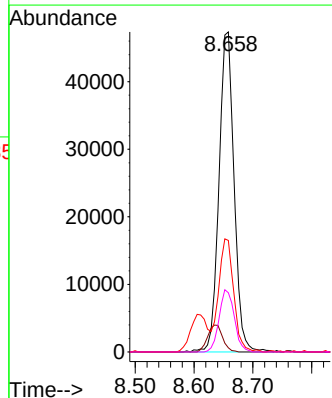
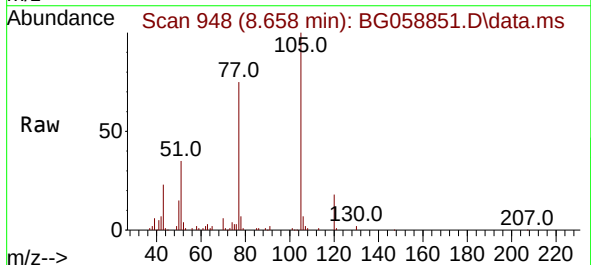
Instrument :
BNA_G
ClientSampleId :
PB155022BS

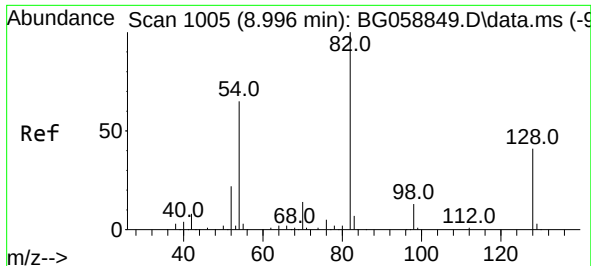
Tgt Ion:	136	Resp:	70100
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.7	13.1
54	11.1	10.1	15.1
68	5.6	5.2	7.8



#22
Acetophenone
Concen: 44.627 ng
RT: 8.658 min Scan# 948
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:	105	Resp:	84684
Ion Ratio	Lower	Upper	
105	100		
71	1.3	2.2	3.2#
51	34.8	28.5	42.7
120	18.5	15.6	23.4





#23

Nitrobenzene-d5

Concen: 83.668 ng

RT: 8.993 min Scan# 1005

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

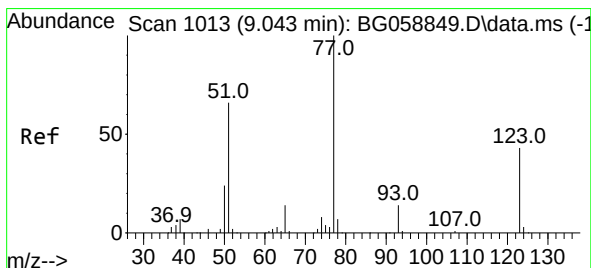
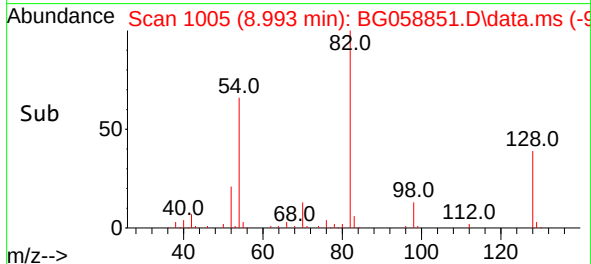
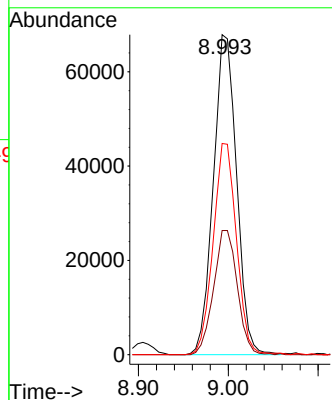
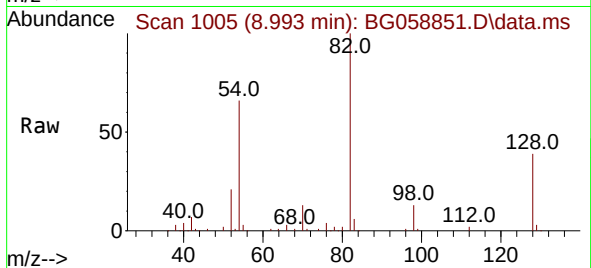
Tgt Ion: 82 Resp: 121993

Ion Ratio Lower Upper

82 100

128 38.8 33.2 49.8

54 66.0 51.2 76.8



#24

Nitrobenzene

Concen: 43.884 ng

RT: 9.040 min Scan# 1013

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

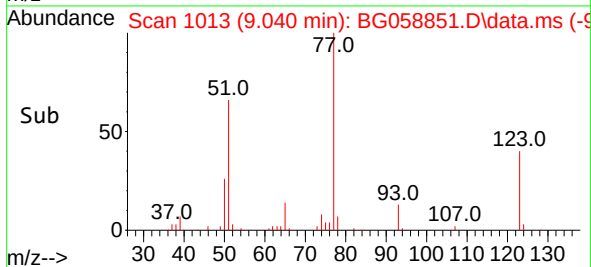
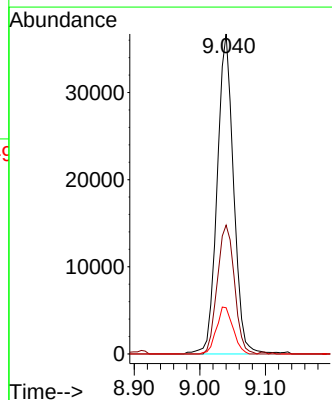
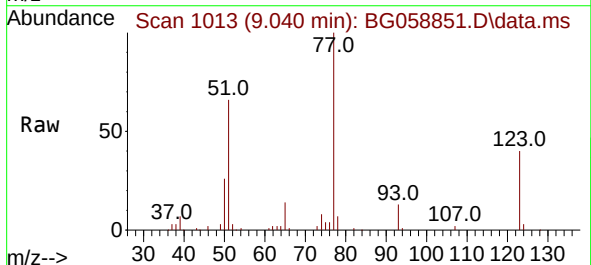
Tgt Ion: 77 Resp: 63640

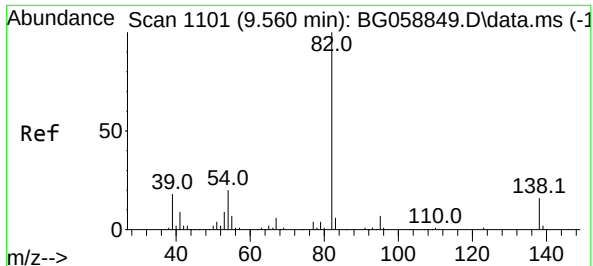
Ion Ratio Lower Upper

77 100

123 40.3 34.9 52.3

65 14.5 10.9 16.3

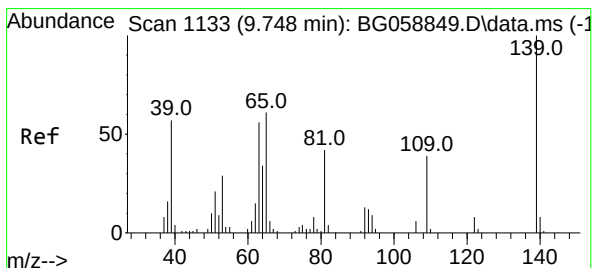
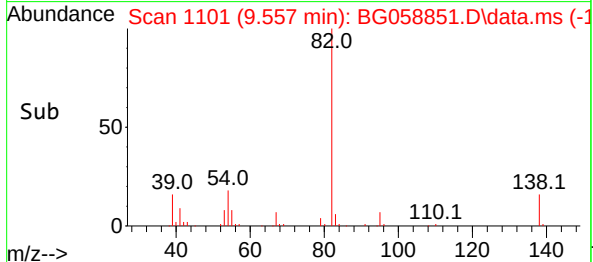
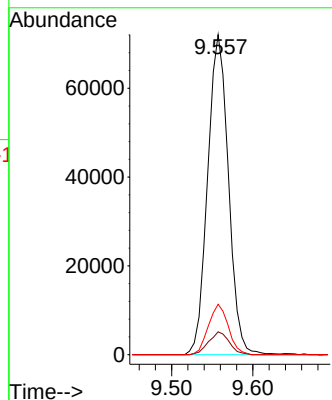
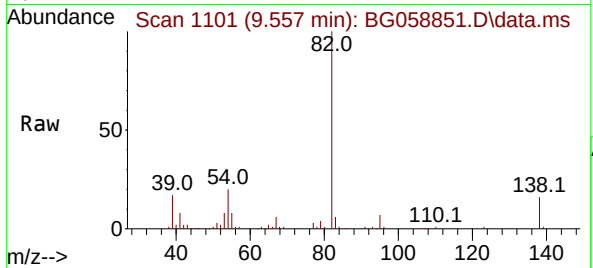




#25
Isophorone
Concen: 44.188 ng
RT: 9.557 min Scan# 1101
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

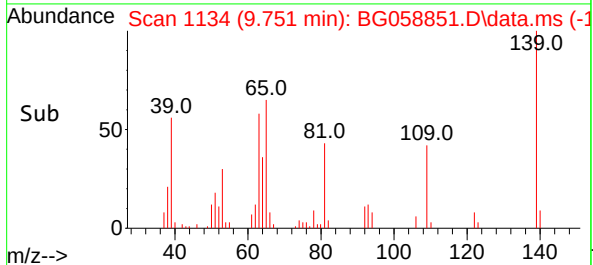
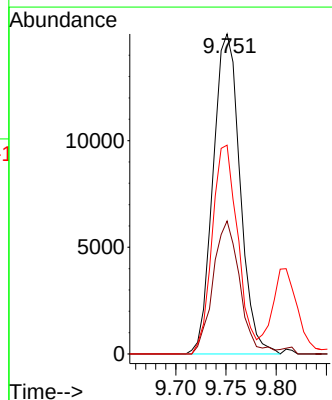
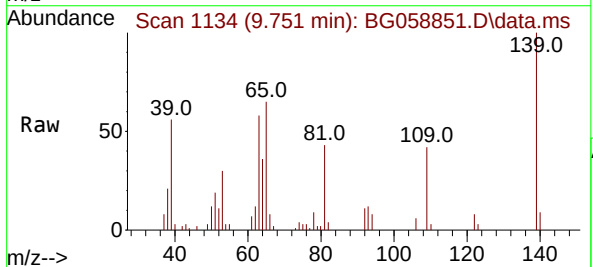
Instrument :
BNA_G
ClientSampleId :
PB155022BS

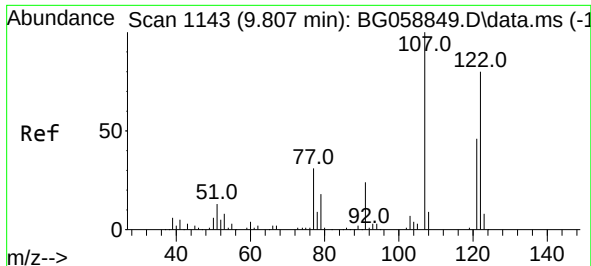
Tgt Ion: 82 Resp: 128125
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 15.7 12.2 18.4



#26
2-Nitrophenol
Concen: 46.178 ng
RT: 9.751 min Scan# 1134
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:139 Resp: 28007
Ion Ratio Lower Upper
139 100
109 41.5 28.7 43.1
65 65.3 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 51.869 ng

RT: 9.810 min Scan# 1143

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

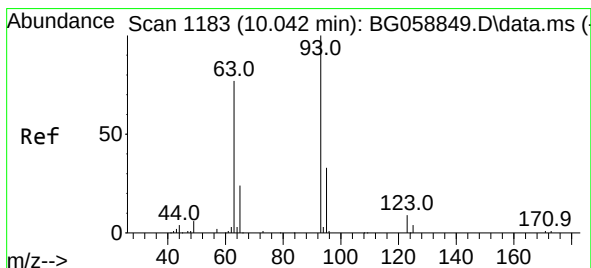
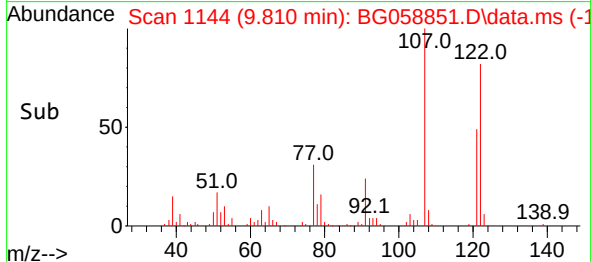
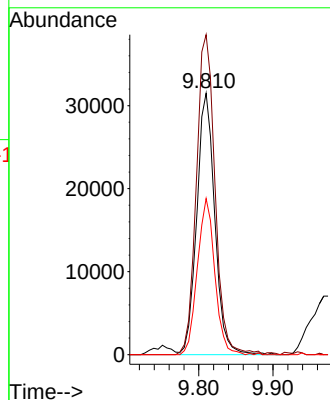
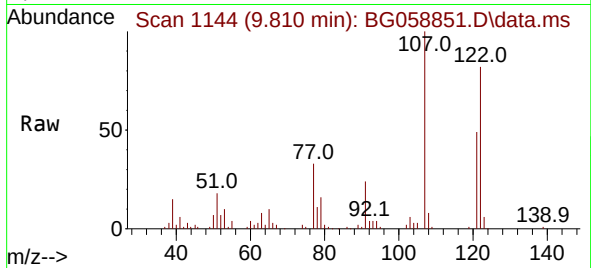
Tgt Ion:122 Resp: 53316

Ion Ratio Lower Upper

122 100

107 122.4 102.6 154.0

121 59.7 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.194 ng

RT: 10.039 min Scan# 1183

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

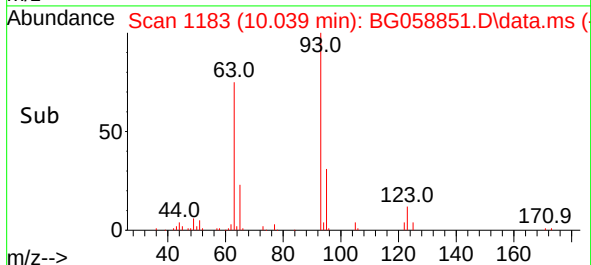
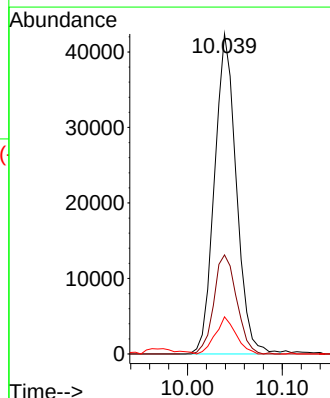
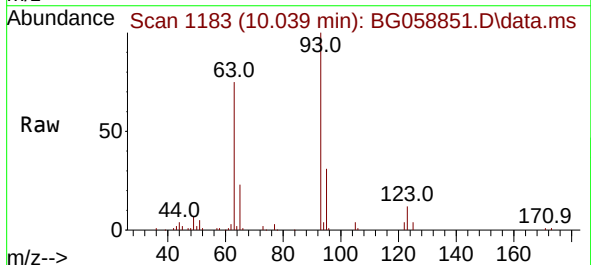
Tgt Ion: 93 Resp: 67877

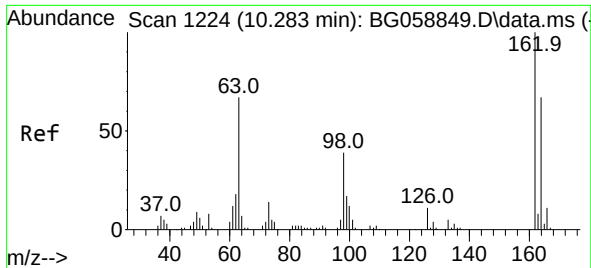
Ion Ratio Lower Upper

93 100

95 31.0 26.2 39.4

123 11.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 50.978 ng

RT: 10.286 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

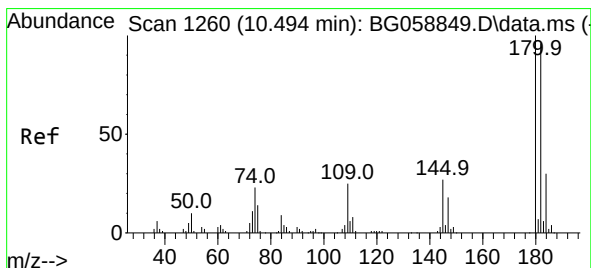
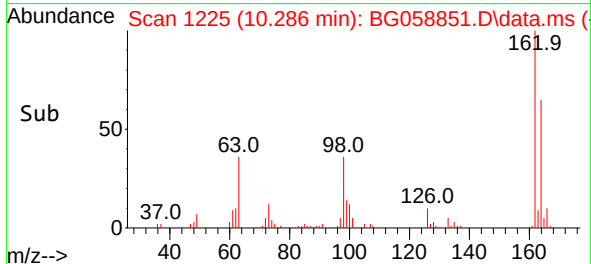
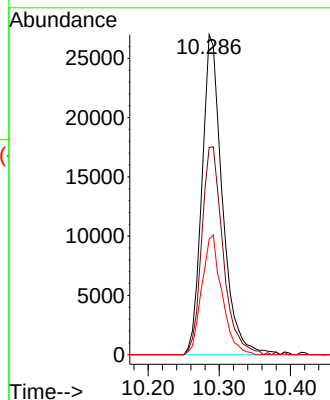
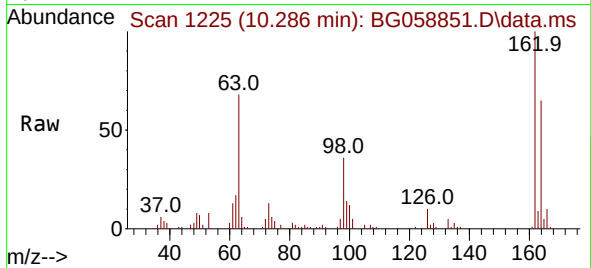
Tgt Ion:162 Resp: 53845

Ion Ratio Lower Upper

162 100

164 64.8 44.4 84.4

98 36.2 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 44.792 ng

RT: 10.497 min Scan# 1261

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

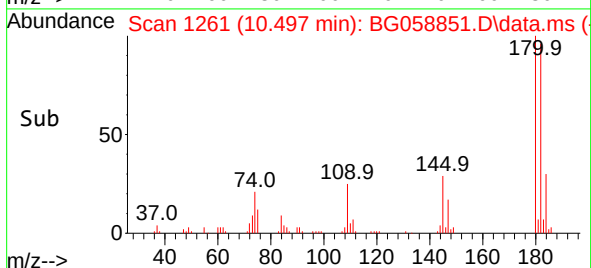
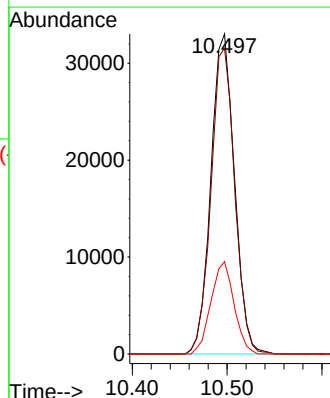
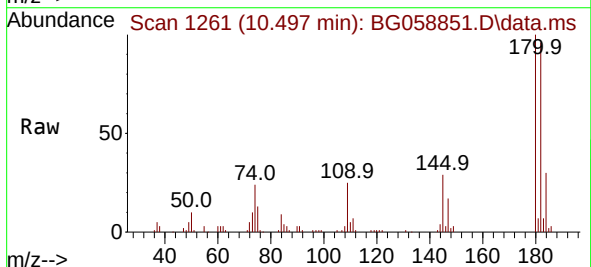
Tgt Ion:180 Resp: 57132

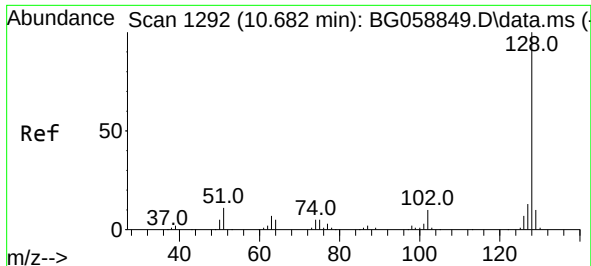
Ion Ratio Lower Upper

180 100

182 95.5 74.6 112.0

145 28.8 21.4 32.0

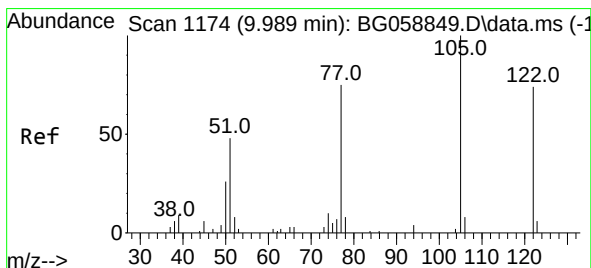
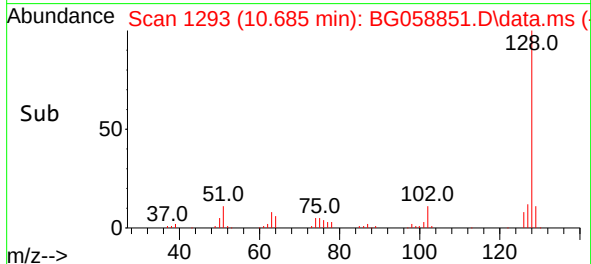
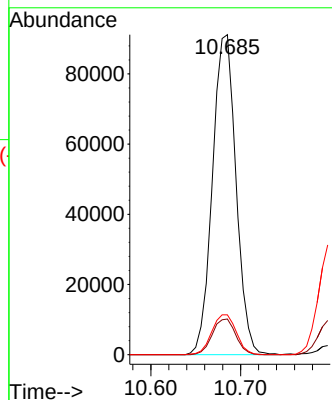
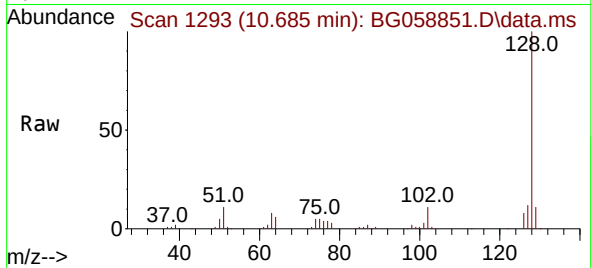




#31
Naphthalene
Concen: 45.135 ng
RT: 10.685 min Scan# 1171
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

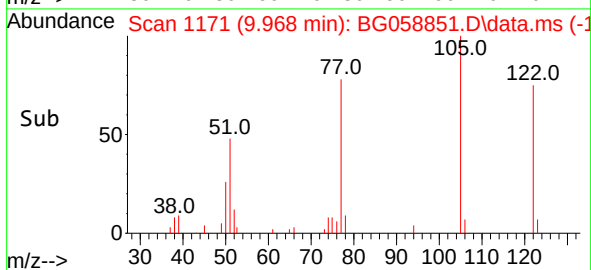
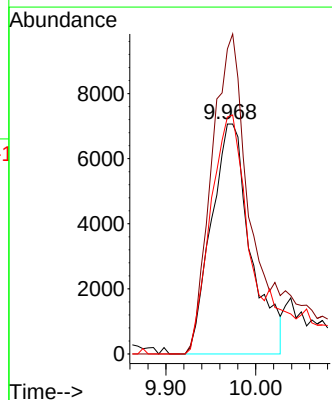
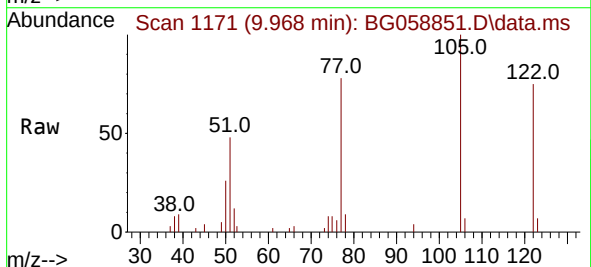
Instrument :
BNA_G
ClientSampleId :
PB155022BS

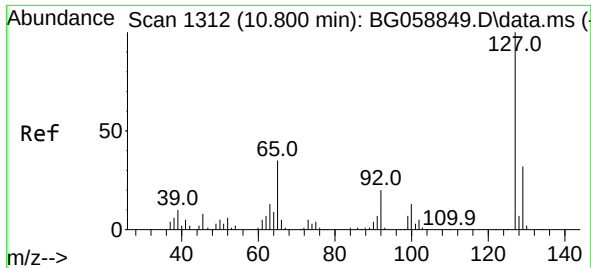
Tgt Ion:128 Resp: 166128
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.6 15.8



#32
Benzoic acid
Concen: 35.636 ng
RT: 9.968 min Scan# 1171
Delta R.T. -0.020 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:122 Resp: 21393
Ion Ratio Lower Upper
122 100
105 132.6 113.6 153.6
77 103.1 79.7 119.7

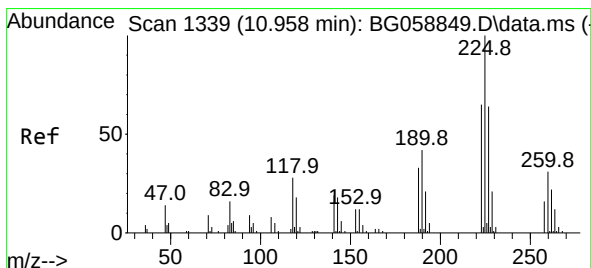
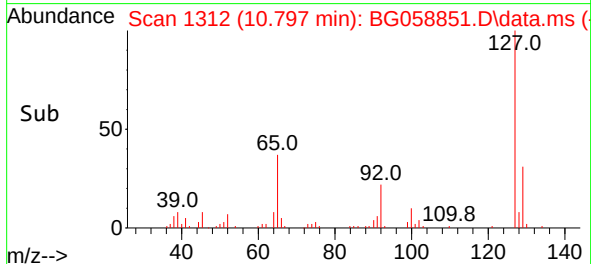
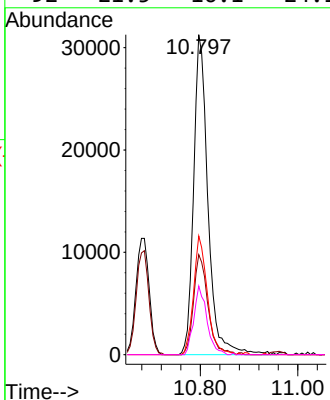
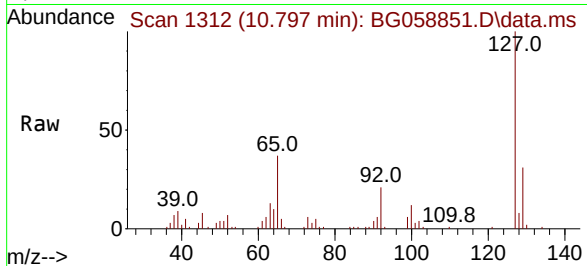




#33
4-Chloroaniline
Concen: 41.273 ng
RT: 10.797 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

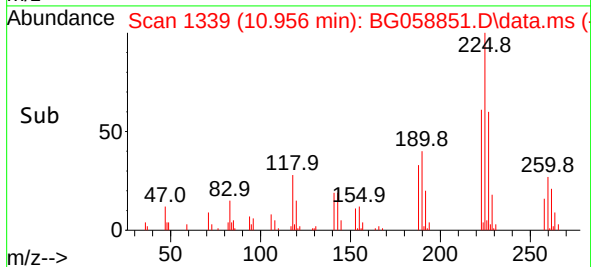
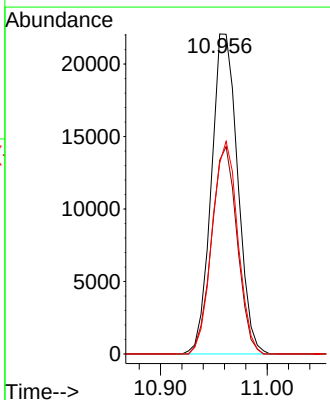
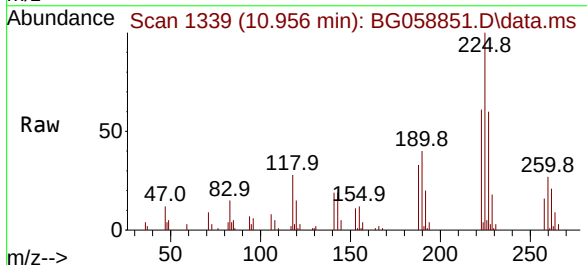
Instrument :
BNA_G
ClientSampleId :
PB155022BS

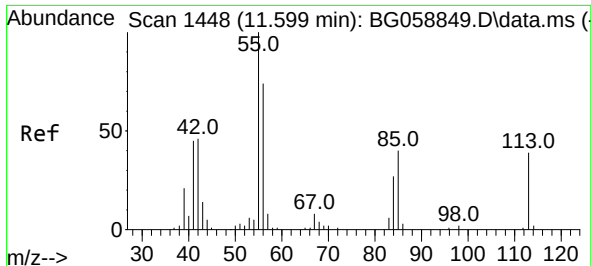
Tgt Ion:	127	Resp:	64068
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.2	37.8
65	37.1	30.5	45.7
92	21.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 43.916 ng
RT: 10.956 min Scan# 1339
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:	225	Resp:	37805
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.9	74.9
227	59.7	51.6	77.4

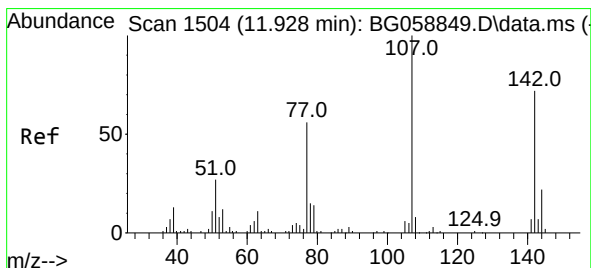
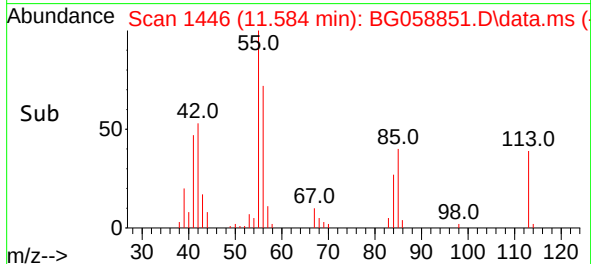
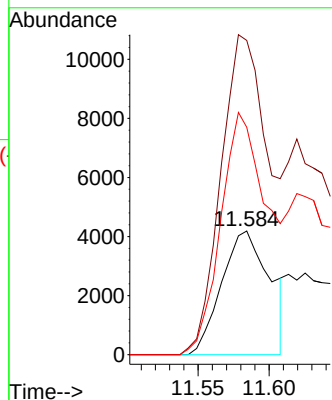
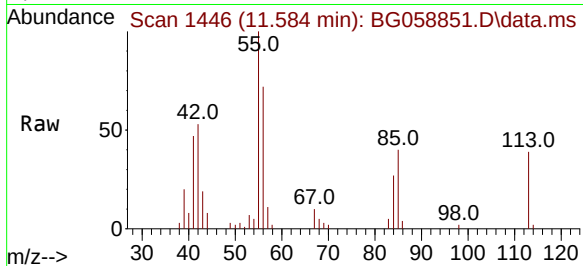




#35
 Caprolactam
 Concen: 26.006 ng
 RT: 11.584 min Scan# 1446
 Delta R.T. -0.015 min
 Lab File: BG058851.D
 Acq: 25 Aug 2023 15:35

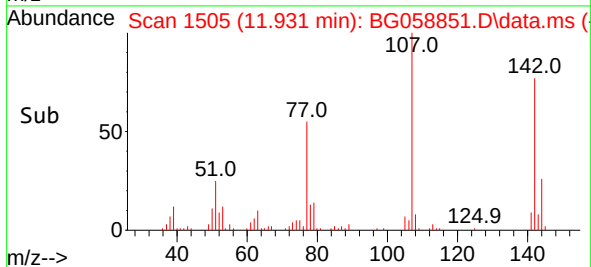
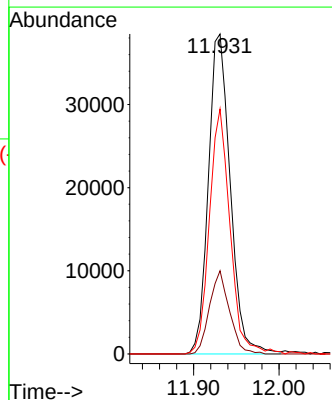
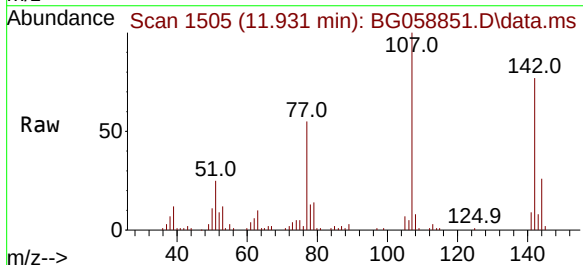
Instrument :
 BNA_G
 ClientSampleId :
 PB155022BS

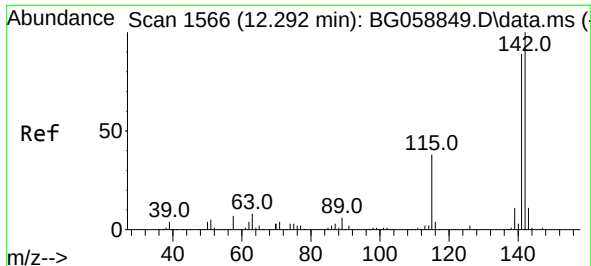
Tgt Ion:113 Resp: 9843
 Ion Ratio Lower Upper
 113 100
 55 254.0 256.3 296.3#
 56 183.8 180.4 220.4



#36
 4-Chloro-3-methylphenol
 Concen: 52.184 ng
 RT: 11.931 min Scan# 1505
 Delta R.T. 0.003 min
 Lab File: BG058851.D
 Acq: 25 Aug 2023 15:35

Tgt Ion:107 Resp: 68545
 Ion Ratio Lower Upper
 107 100
 144 26.0 17.9 26.9
 142 76.6 58.5 87.7





#37

2-Methylnaphthalene

Concen: 44.985 ng

RT: 12.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

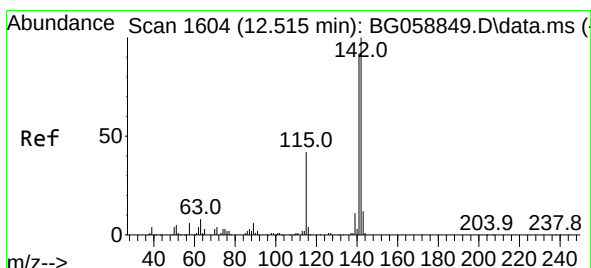
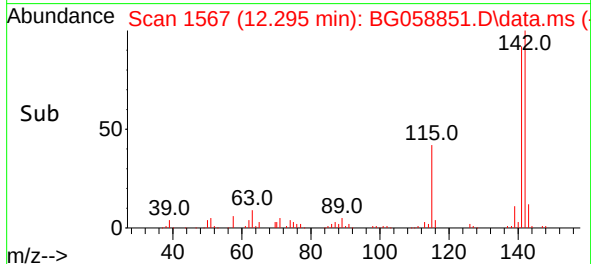
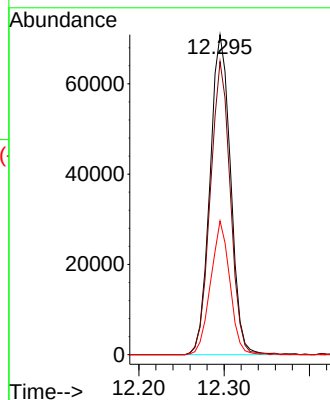
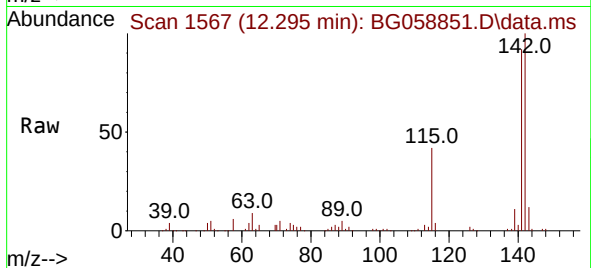
Tgt Ion:142 Resp: 118921

Ion Ratio Lower Upper

142 100

141 91.6 71.8 107.8

115 41.8 30.6 45.8



#38

1-Methylnaphthalene

Concen: 45.426 ng

RT: 12.513 min Scan# 1604

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

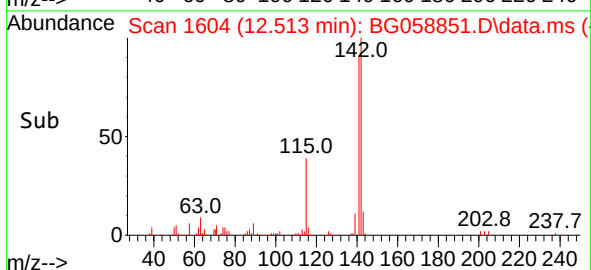
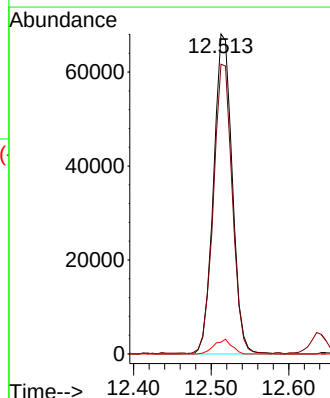
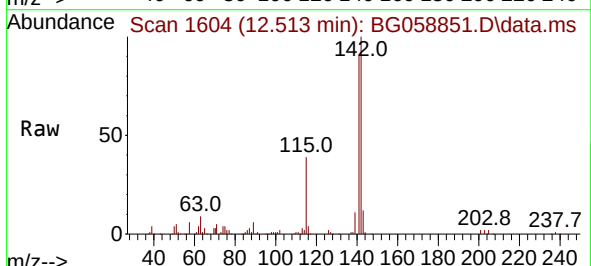
Tgt Ion:142 Resp: 113993

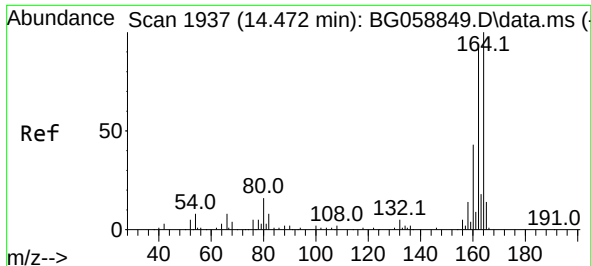
Ion Ratio Lower Upper

142 100

141 90.5 73.9 110.9

116 3.7 3.2 4.8

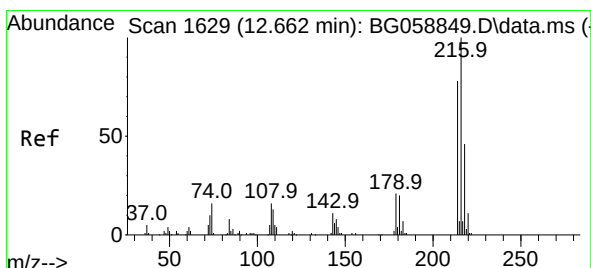
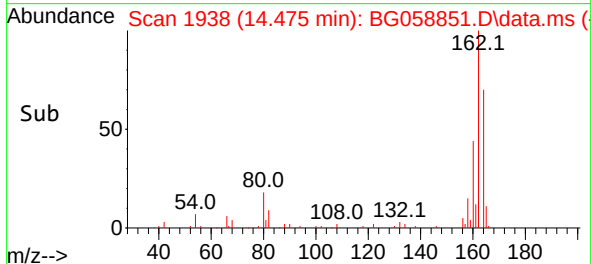
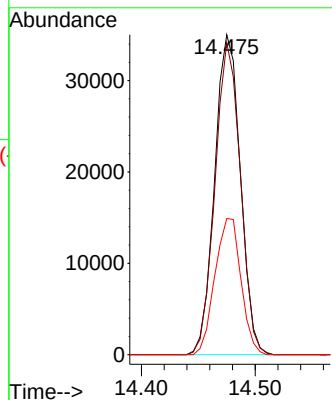
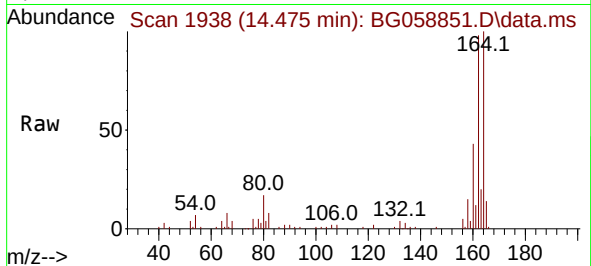




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1630
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

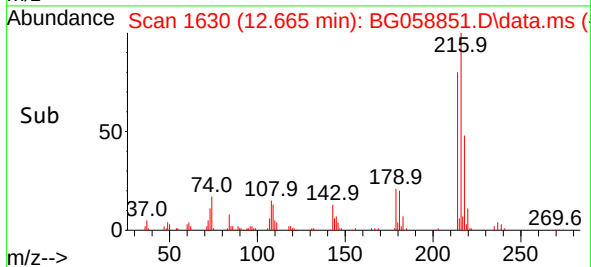
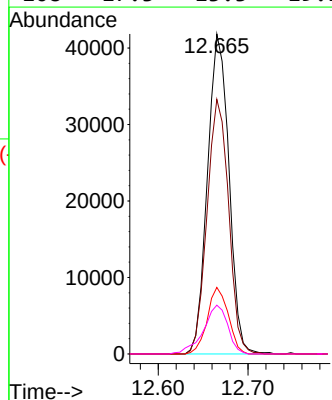
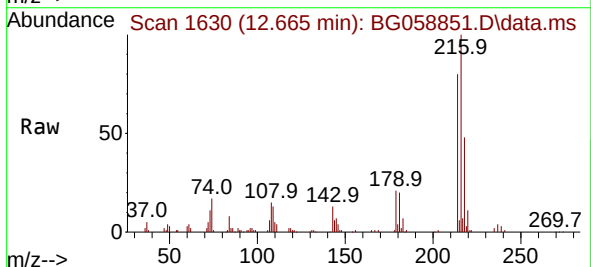
Instrument :
BNA_G
ClientSampleId :
PB155022BS

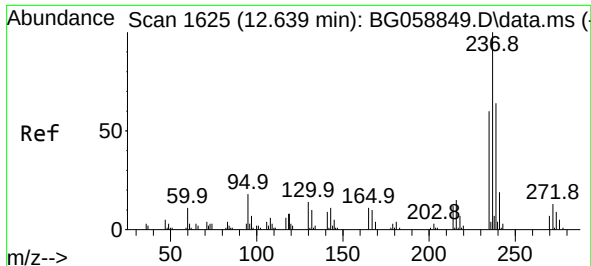
Tgt Ion:164 Resp: 54995
Ion Ratio Lower Upper
164 100
162 97.6 79.6 119.4
160 42.5 34.0 51.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.940 ng
RT: 12.665 min Scan# 1630
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:216 Resp: 69410
Ion Ratio Lower Upper
216 100
214 80.0 64.0 96.0
179 20.3 16.2 24.4
108 17.3 13.3 19.9

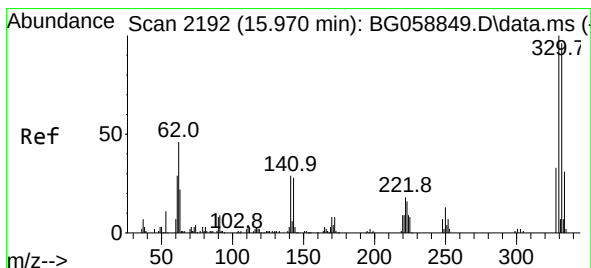
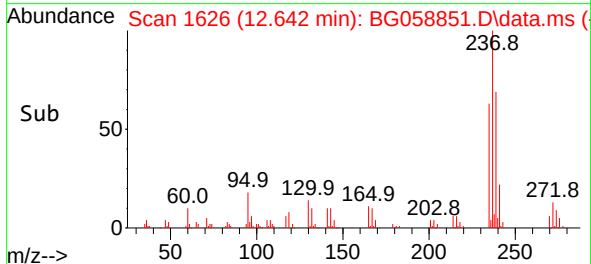
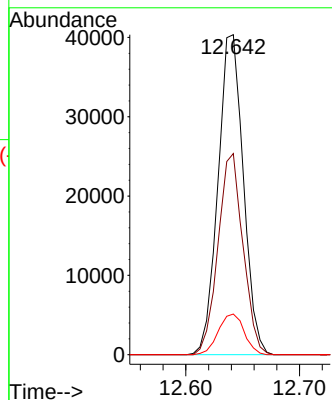
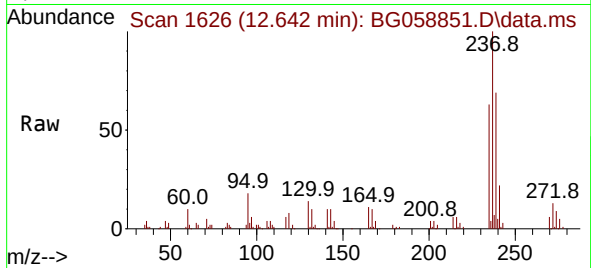




#41
Hexachlorocyclopentadiene
Concen: 92.165 ng
RT: 12.642 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

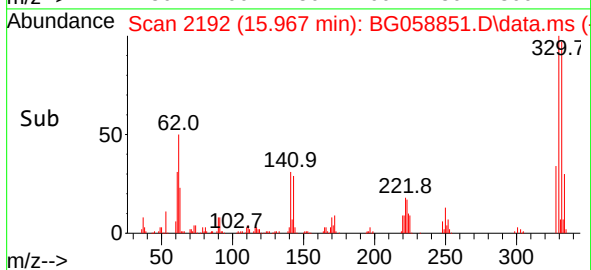
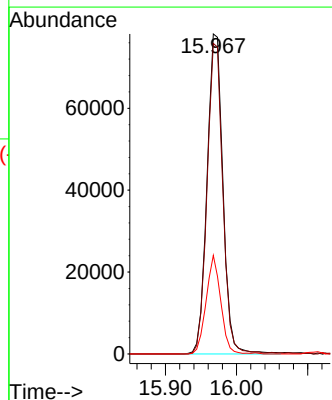
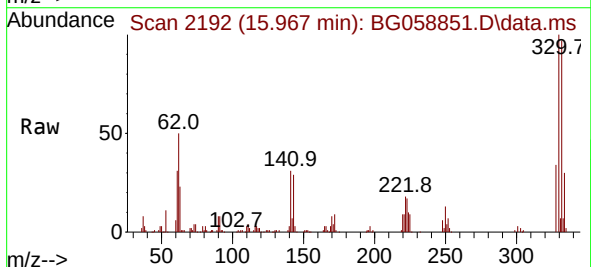
Instrument :
BNA_G
ClientSampleId :
PB155022BS

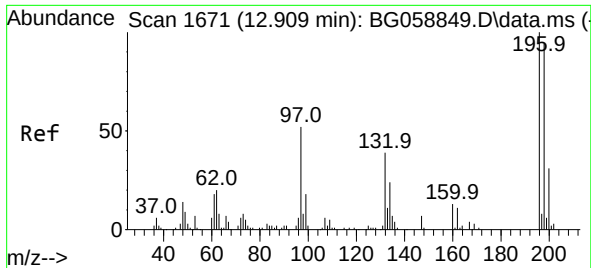
Tgt Ion:237 Resp: 62474
Ion Ratio Lower Upper
237 100
235 62.8 41.5 81.5
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 141.115 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:330 Resp: 121685
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 28.2 23.0 34.6

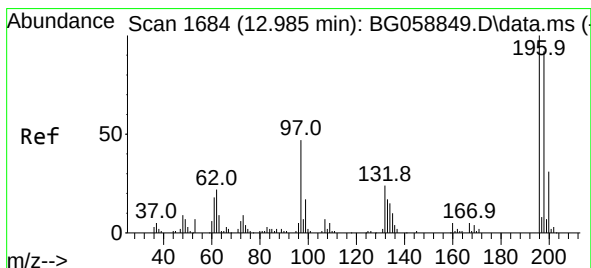
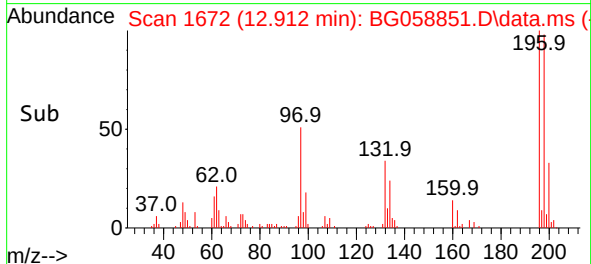
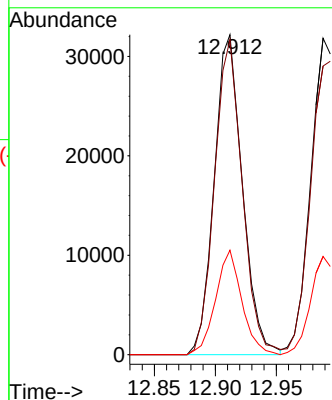
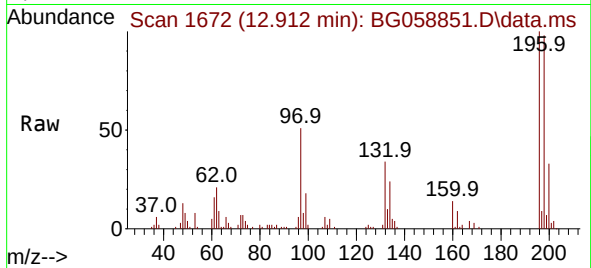




#43
2,4,6-Trichlorophenol
Concen: 48.007 ng
RT: 12.912 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

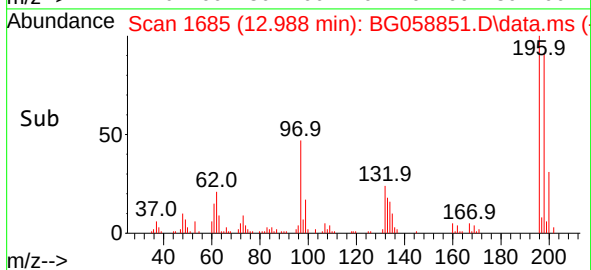
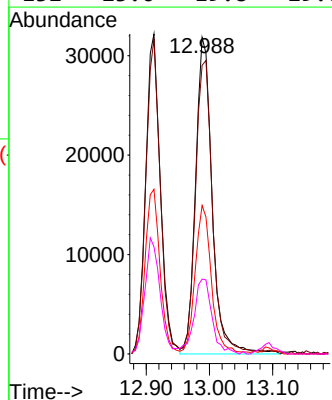
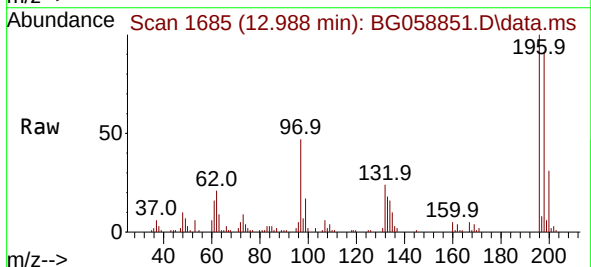
Instrument :
BNA_G
ClientSampleId :
PB155022BS

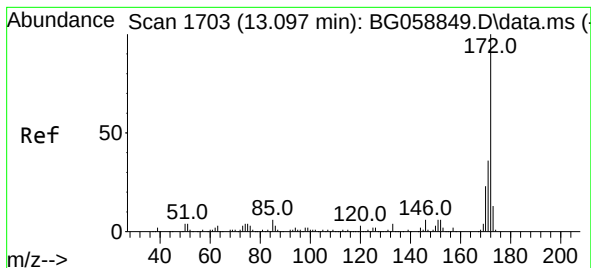
Tgt Ion:196 Resp: 51790
Ion Ratio Lower Upper
196 100
198 98.5 77.0 115.4
200 32.7 23.8 35.6



#44
2,4,5-Trichlorophenol
Concen: 45.086 ng
RT: 12.988 min Scan# 1685
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:196 Resp: 58245
Ion Ratio Lower Upper
196 100
198 91.2 78.0 117.0
97 46.9 38.7 58.1
132 23.6 19.8 29.6

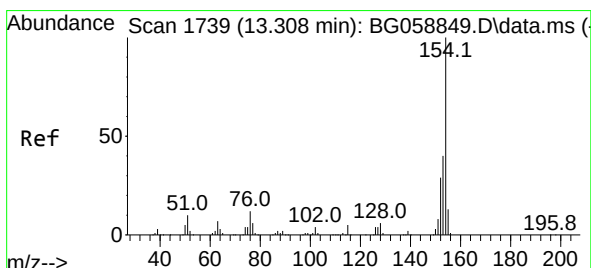
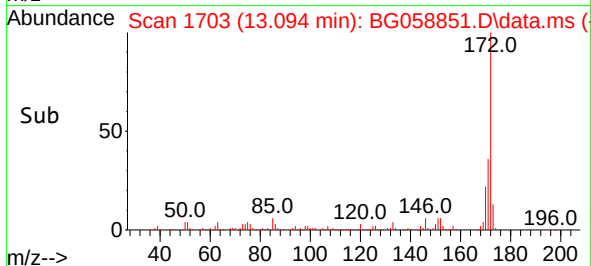
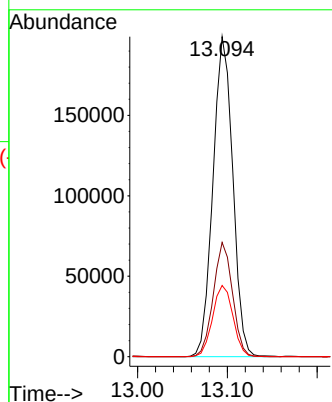
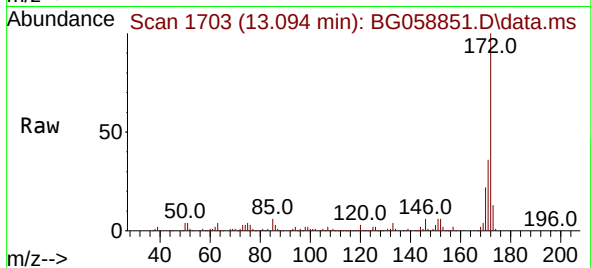




#45
2-Fluorobiphenyl
Concen: 80.617 ng
RT: 13.094 min Scan# 1703
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

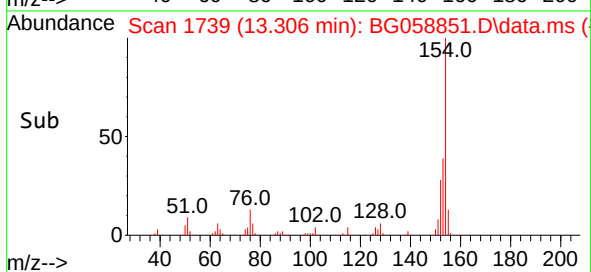
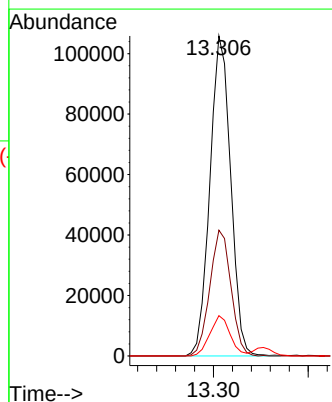
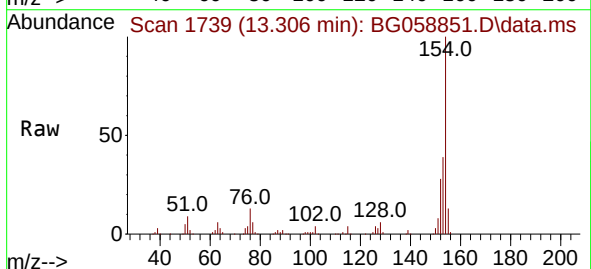
Instrument :
BNA_G
ClientSampleId :
PB155022BS

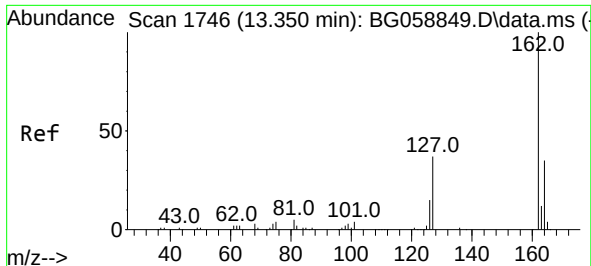
Tgt Ion:172 Resp: 304822
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 22.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 42.501 ng
RT: 13.306 min Scan# 1739
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:154 Resp: 161015
Ion Ratio Lower Upper
154 100
153 39.3 21.7 61.7
76 12.6 0.0 33.2

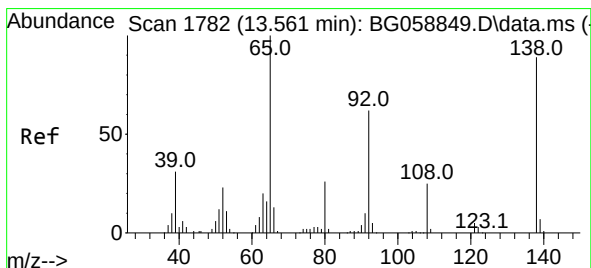
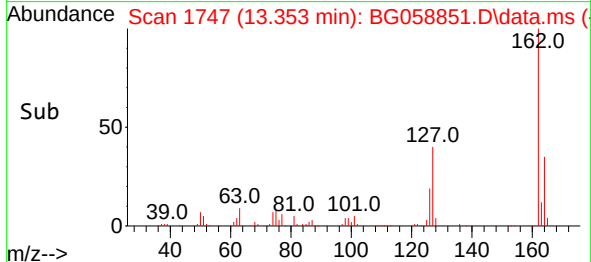
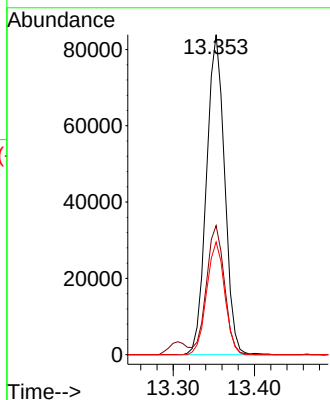
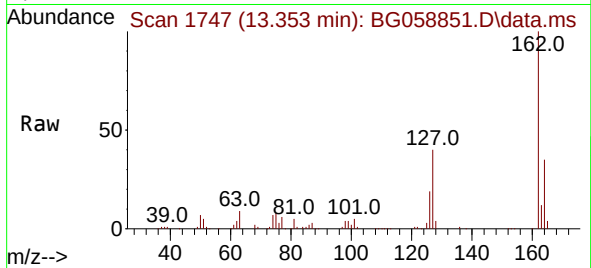




#47
2-Chloronaphthalene
Concen: 44.021 ng
RT: 13.353 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

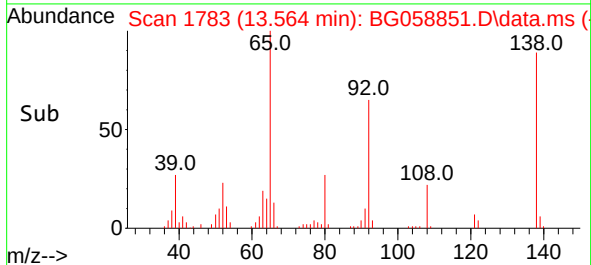
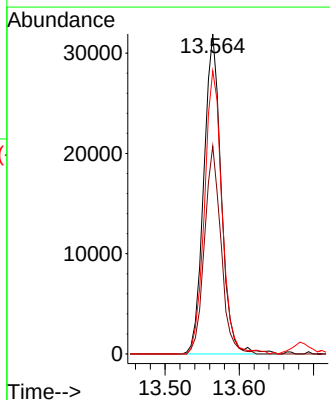
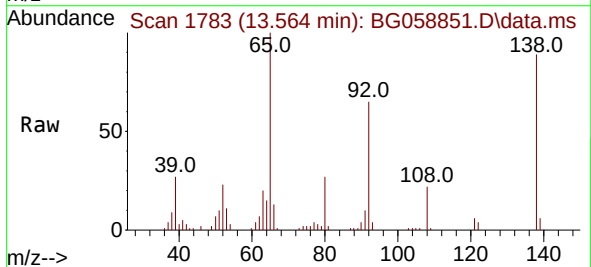
Instrument :
BNA_G
ClientSampleId :
PB155022BS

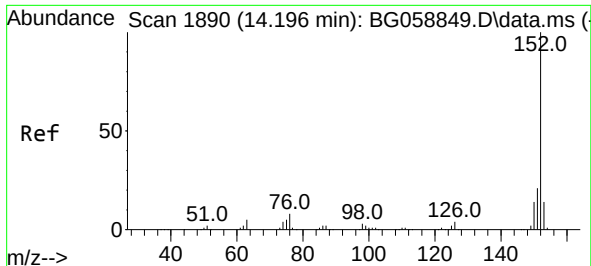
Tgt Ion:162 Resp: 129966
Ion Ratio Lower Upper
162 100
127 40.3 31.5 47.3
164 35.2 27.3 40.9



#48
2-Nitroaniline
Concen: 46.401 ng
RT: 13.564 min Scan# 1783
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

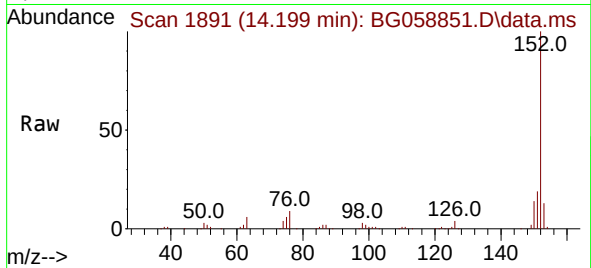
Tgt Ion: 65 Resp: 52029
Ion Ratio Lower Upper
65 100
92 65.0 50.7 76.1
138 88.5 70.7 106.1



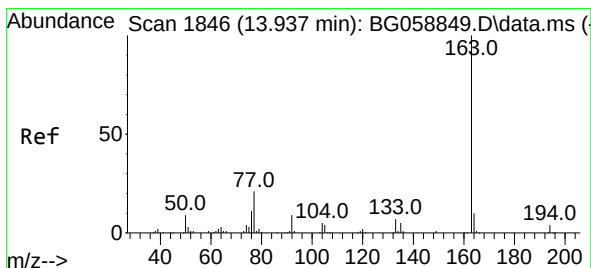
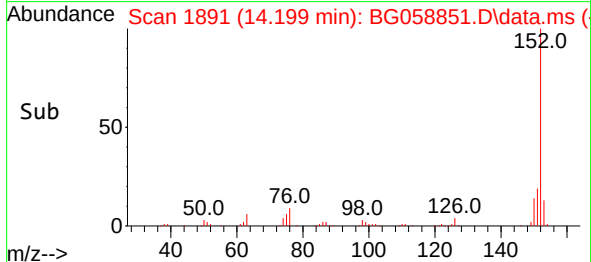
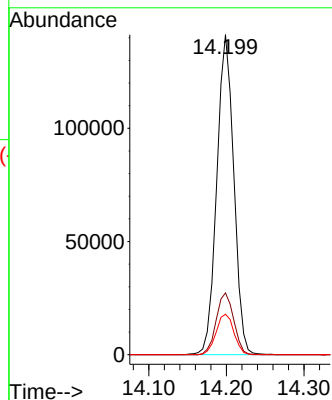


#49
Acenaphthylene
Concen: 44.017 ng
RT: 14.199 min Scan# 1891
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :
BNA_G
ClientSampleId :
PB155022BS

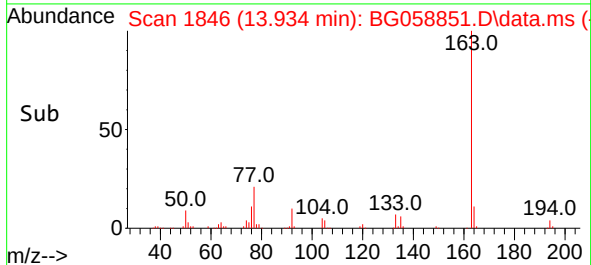
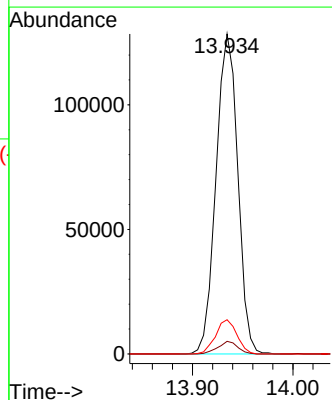
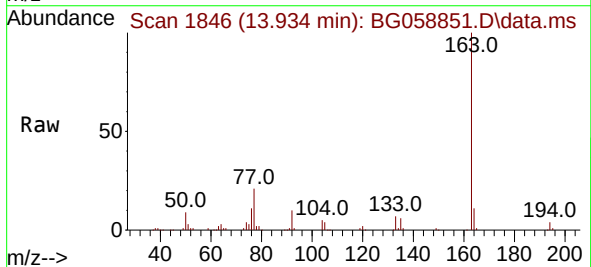


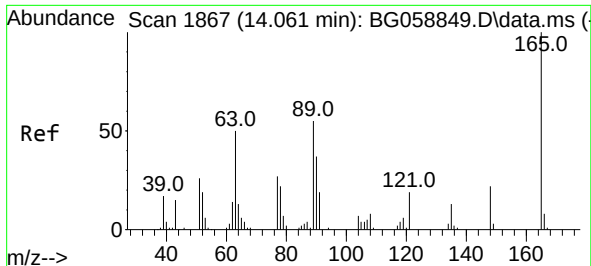
Tgt Ion:152 Resp: 215508
Ion Ratio Lower Upper
152 100
151 19.3 16.9 25.3
153 12.7 10.7 16.1



#50
Dimethylphthalate
Concen: 45.301 ng
RT: 13.934 min Scan# 1846
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:163 Resp: 192897
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 8.3 12.5

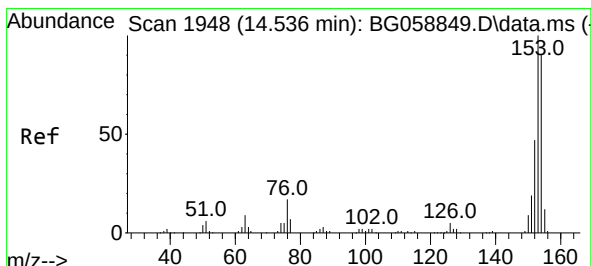
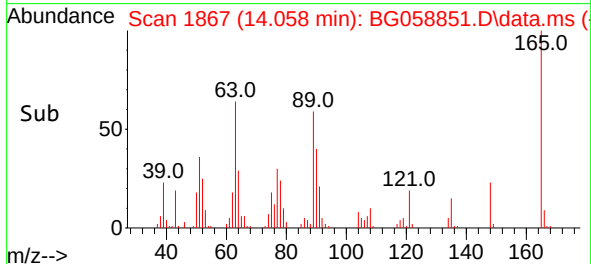
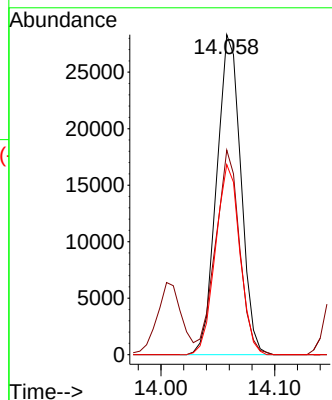
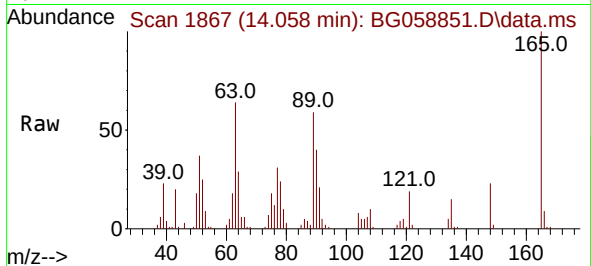




#51
2,6-Dinitrotoluene
Concen: 46.723 ng
RT: 14.058 min Scan# 1867
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

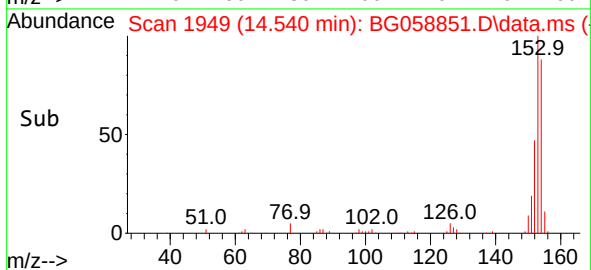
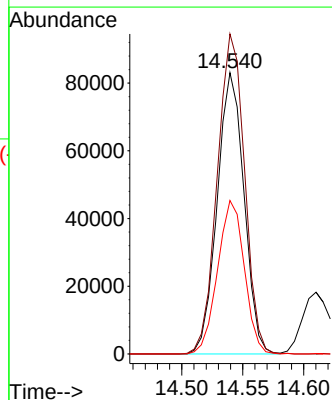
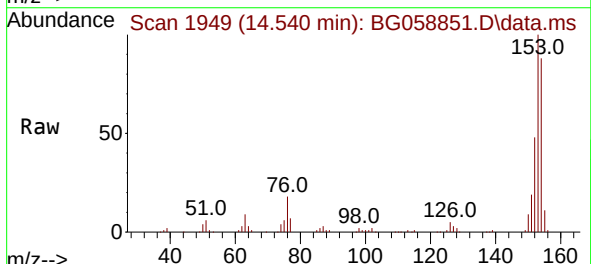
Instrument :
BNA_G
ClientSampleId :
PB155022BS

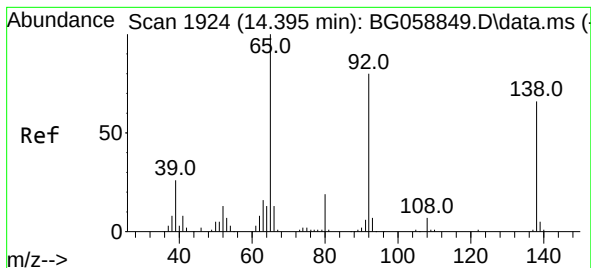
Tgt Ion:165 Resp: 41797
Ion Ratio Lower Upper
165 100
63 63.9 47.2 70.8
89 59.4 45.0 67.4



#52
Acenaphthene
Concen: 44.421 ng
RT: 14.540 min Scan# 1949
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:154 Resp: 127094
Ion Ratio Lower Upper
154 100
153 113.8 92.7 139.1
152 54.6 44.2 66.2

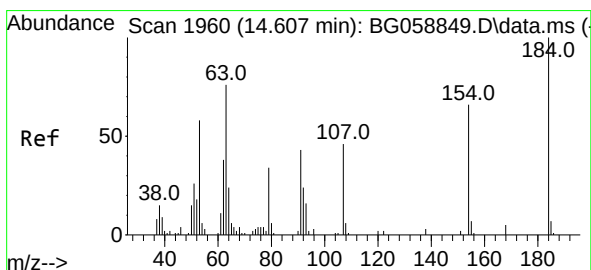
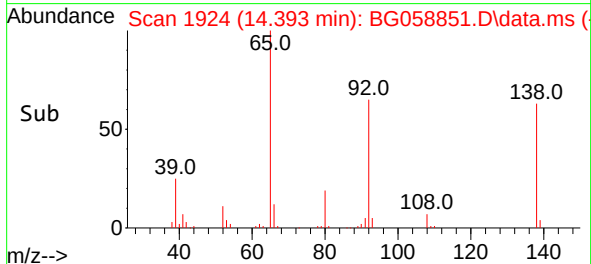
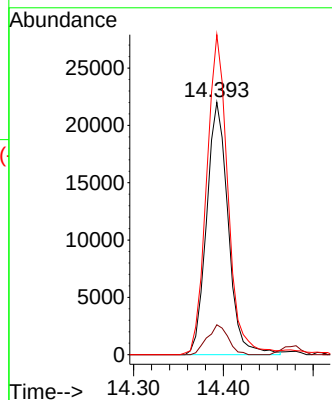
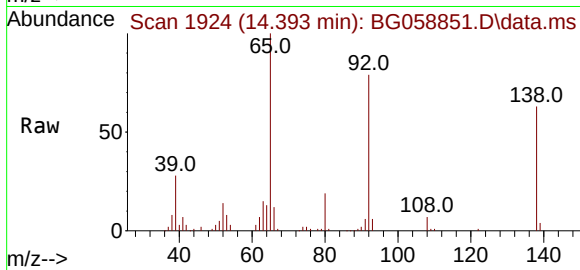




#53
3-Nitroaniline
Concen: 42.526 ng
RT: 14.393 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

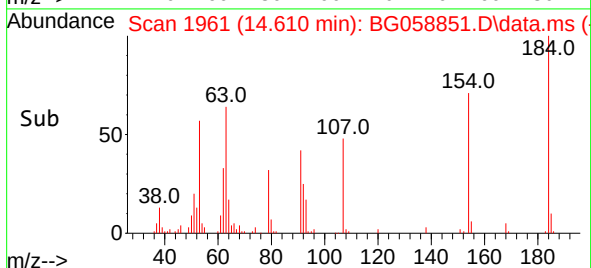
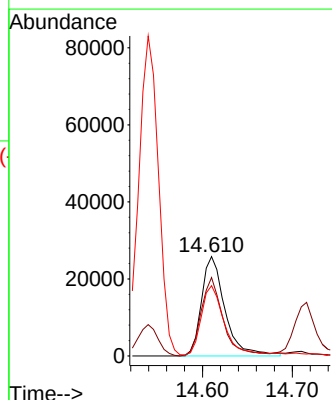
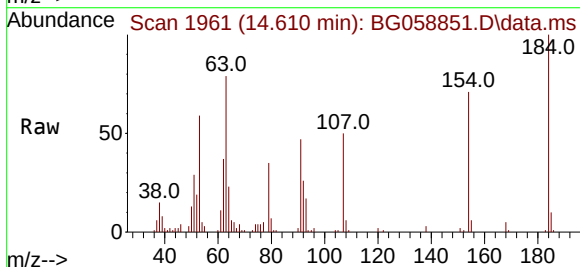
Instrument :
BNA_G
ClientSampleId :
PB155022BS

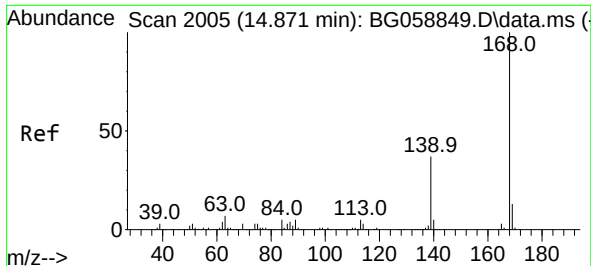
Tgt Ion:138 Resp: 36692
Ion Ratio Lower Upper
138 100
108 11.9 11.8 17.8
92 126.8 102.5 153.7



#54
2,4-Dinitrophenol
Concen: 92.591 ng
RT: 14.610 min Scan# 1961
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:184 Resp: 46887
Ion Ratio Lower Upper
184 100
63 78.9 57.7 86.5
154 70.7 51.8 77.6

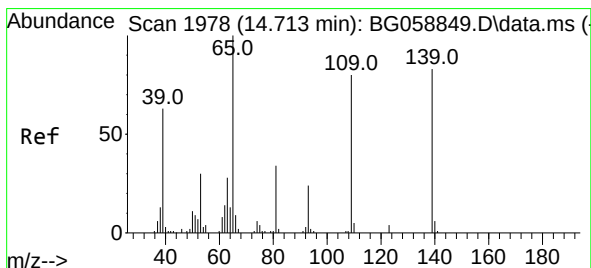
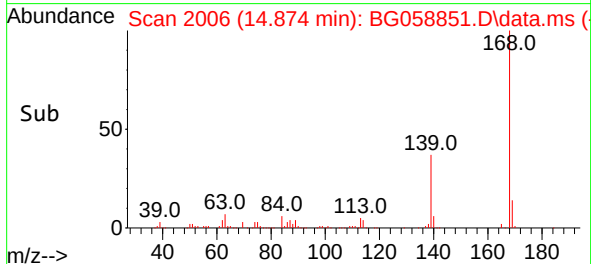
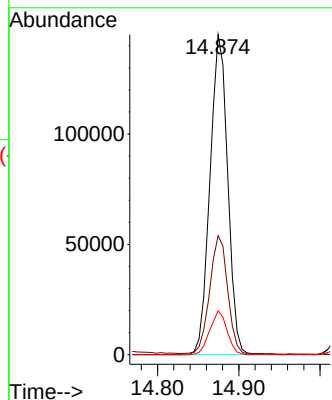
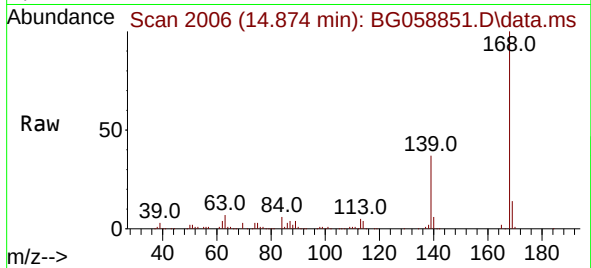




#55
Dibenzofuran
Concen: 44.494 ng
RT: 14.874 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

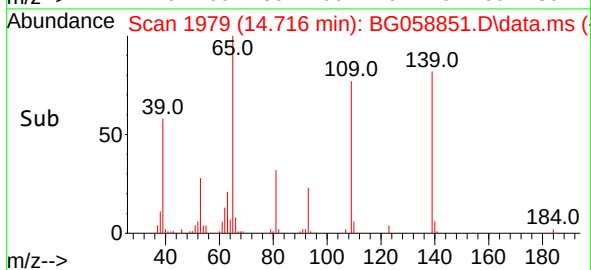
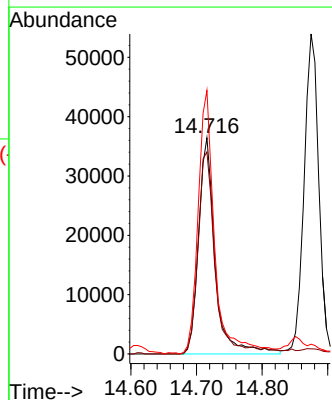
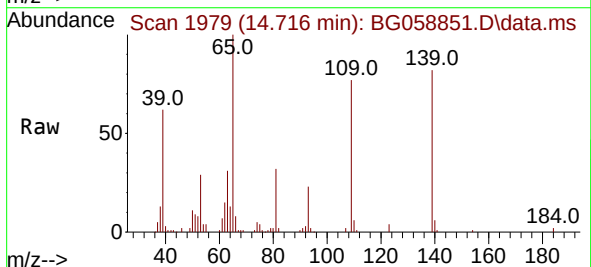
Instrument :
BNA_G
ClientSampleId :
PB155022BS

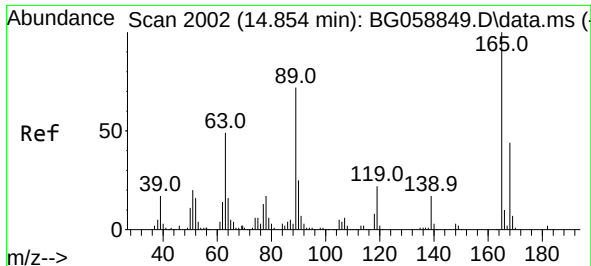
Tgt Ion:168 Resp: 219595
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 101.610 ng
RT: 14.716 min Scan# 1979
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:139 Resp: 64219
Ion Ratio Lower Upper
139 100
109 93.5 71.9 111.9
65 121.9 100.7 140.7

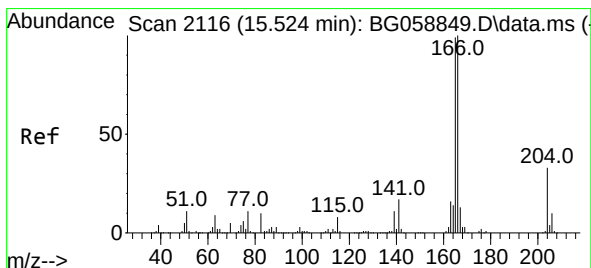
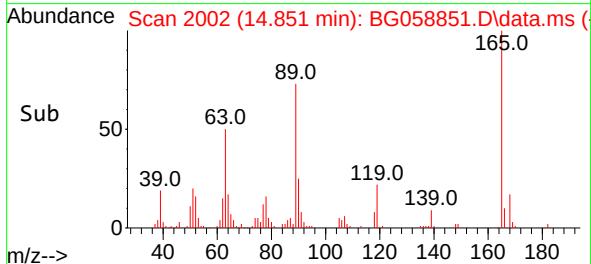
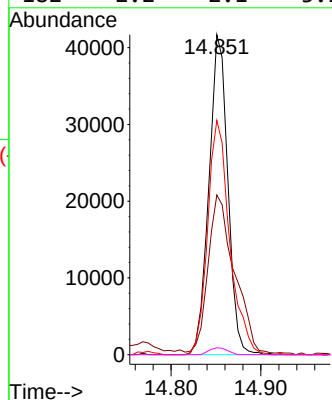
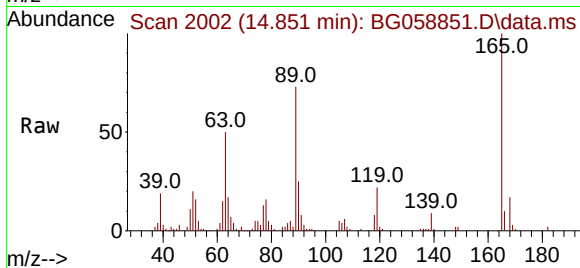




#57
2,4-Dinitrotoluene
Concen: 48.798 ng
RT: 14.851 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

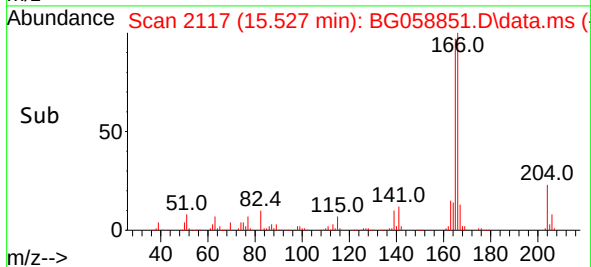
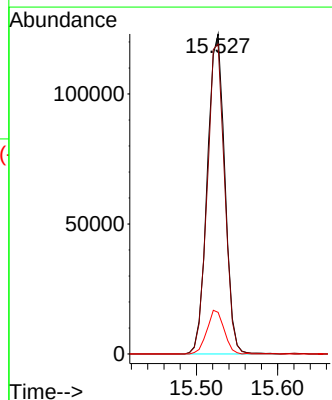
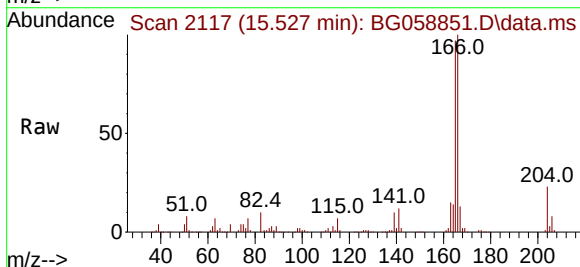
Instrument :
BNA_G
ClientSampleId :
PB155022BS

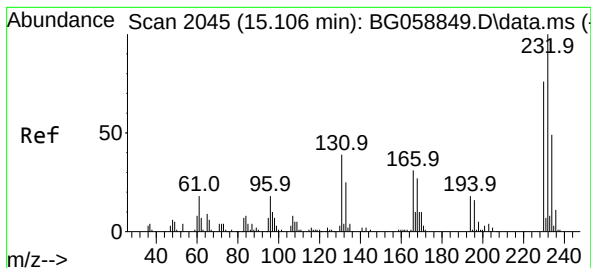
Tgt Ion:	165	Resp:	60887
Ion	Ratio	Lower	Upper
165	100		
63	49.9	41.8	62.6
89	73.2	60.7	91.1
182	2.2	2.1	3.1



#58
Fluorene
Concen: 46.819 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:	166	Resp:	183893
Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.9	119.9
167	13.0	10.7	16.1

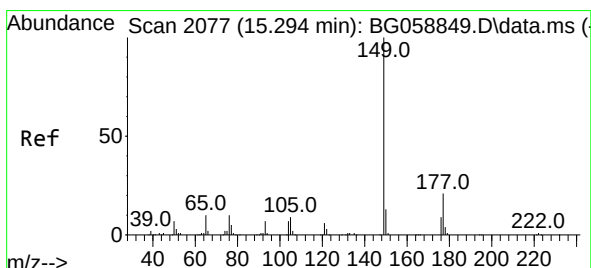
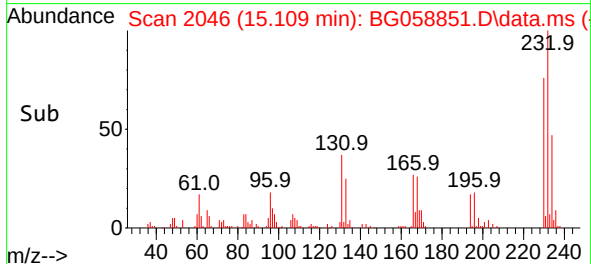
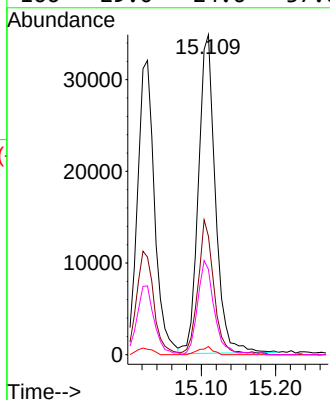
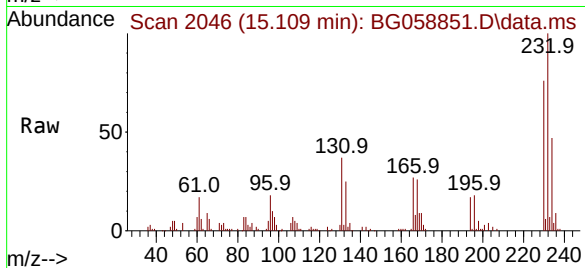




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.545 ng
RT: 15.109 min Scan# 2046
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

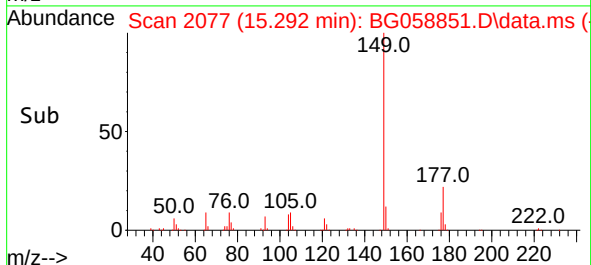
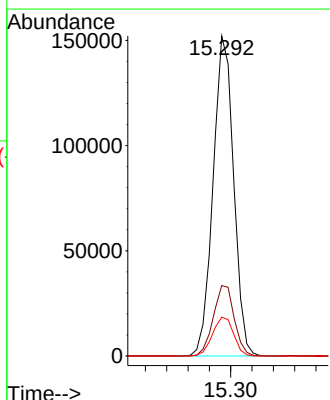
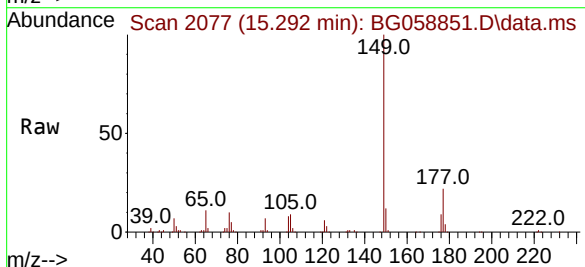
Instrument :
BNA_G
ClientSampleId :
PB155022BS

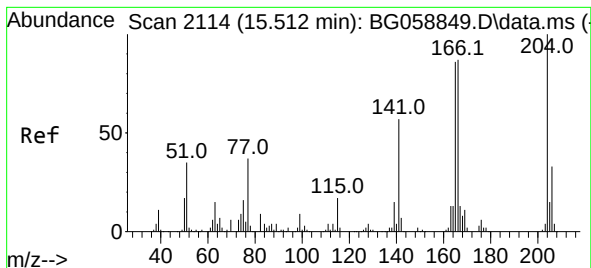
Tgt Ion:232 Resp: 55393
Ion Ratio Lower Upper
232 100
131 37.9 33.9 50.9
130 2.1 1.8 2.6
166 29.0 24.6 37.0



#60
Diethylphthalate
Concen: 46.251 ng
RT: 15.292 min Scan# 2077
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:149 Resp: 203053
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.1 10.0 15.0

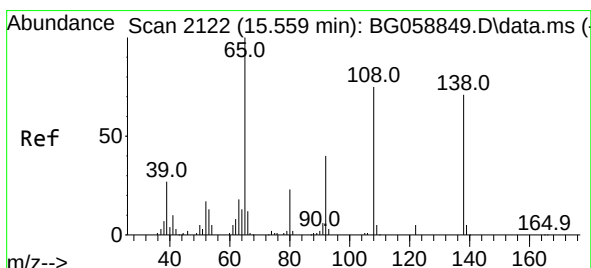
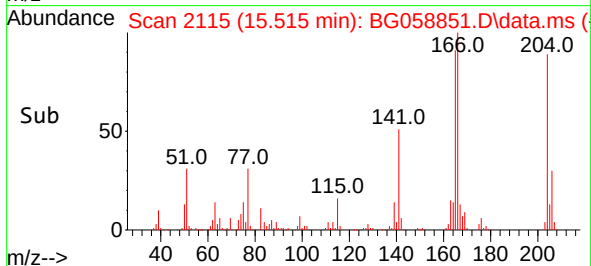
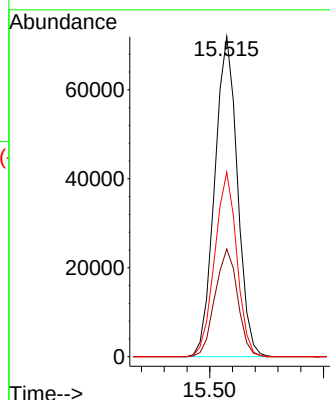
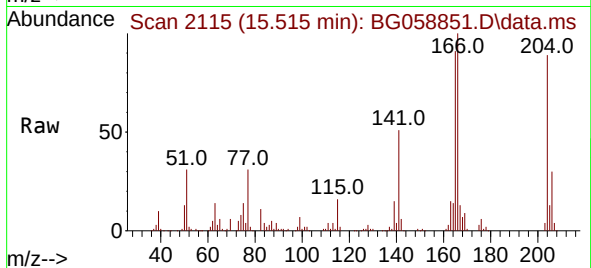




#61
4-Chlorophenyl-phenylether
Concen: 45.842 ng
RT: 15.515 min Scan# 2115
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

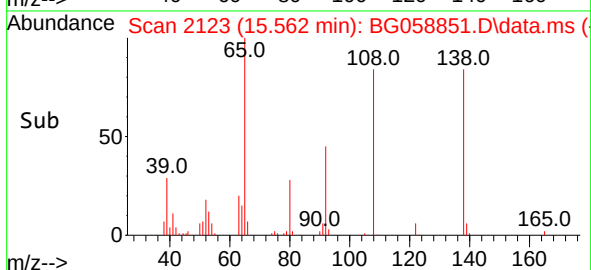
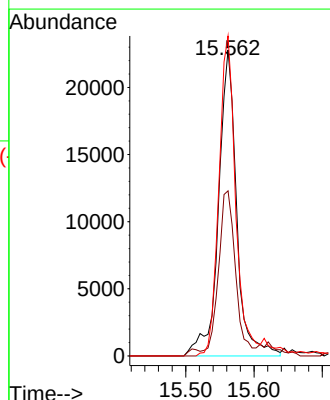
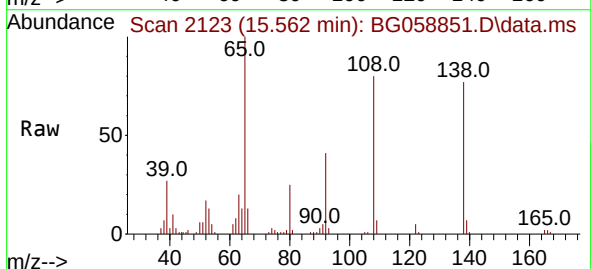
Instrument :
BNA_G
ClientSampleId :
PB155022BS

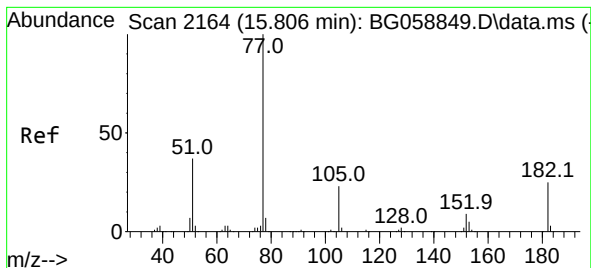
Tgt Ion:204 Resp: 99800
Ion Ratio Lower Upper
204 100
206 33.6 25.6 38.4
141 57.7 42.3 63.5



#62
4-Nitroaniline
Concen: 48.095 ng
RT: 15.562 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:138 Resp: 42112
Ion Ratio Lower Upper
138 100
92 54.0 36.4 76.4
108 104.6 72.2 112.2





#63

Azobenzene

Concen: 45.003 ng

RT: 15.809 min Scan# 2165

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

Tgt Ion: 77 Resp: 181420

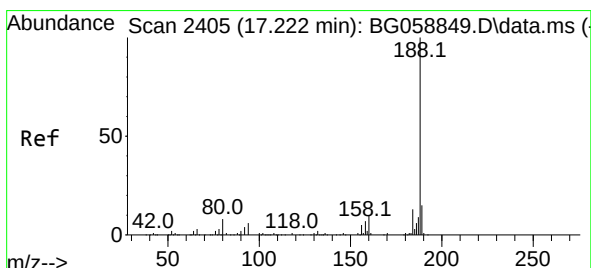
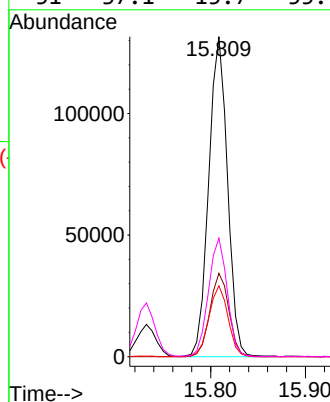
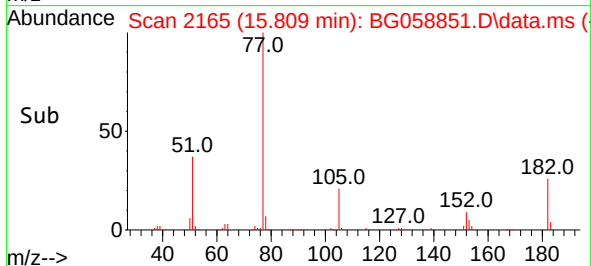
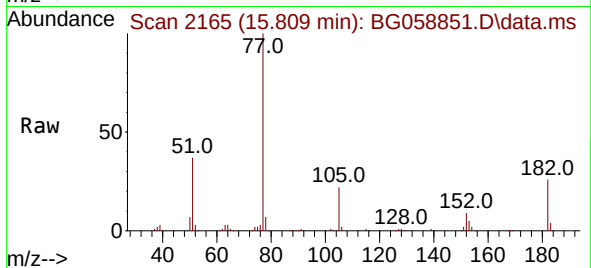
Ion Ratio Lower Upper

77 100

182 26.0 4.9 44.9

105 22.1 2.8 42.8

51 37.1 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

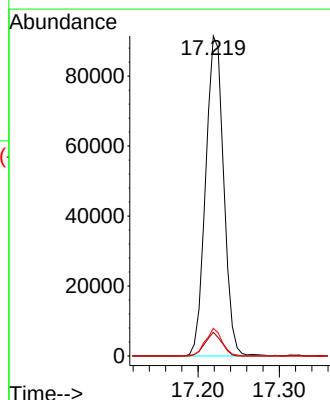
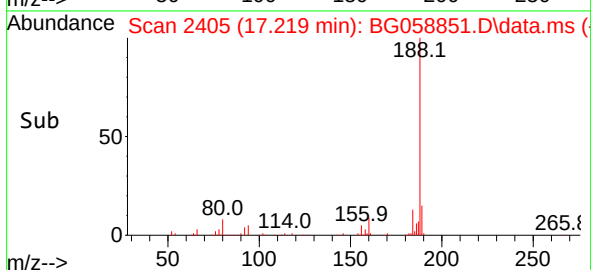
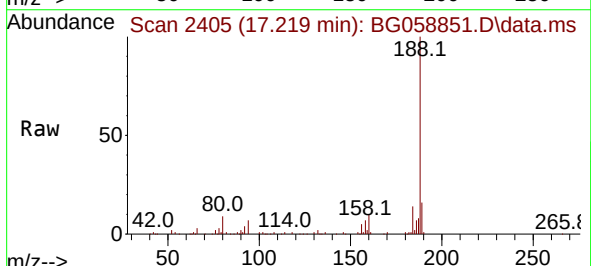
Tgt Ion:188 Resp: 140745

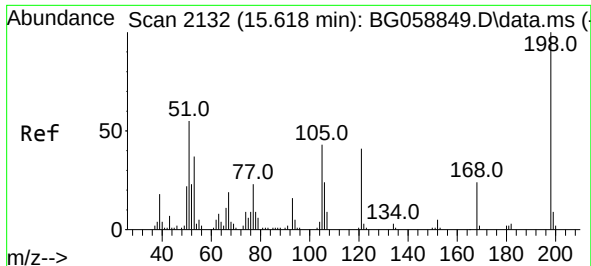
Ion Ratio Lower Upper

188 100

94 7.4 6.1 9.1

80 8.6 6.9 10.3

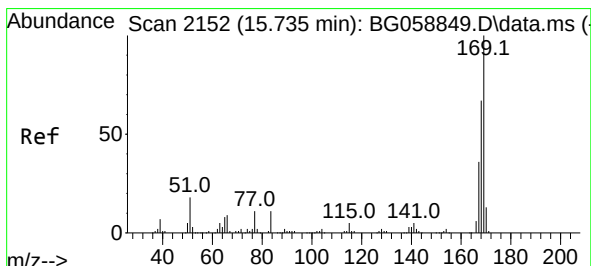
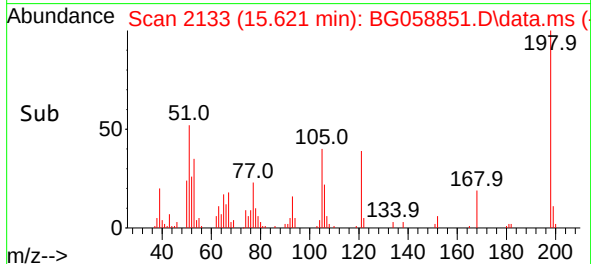
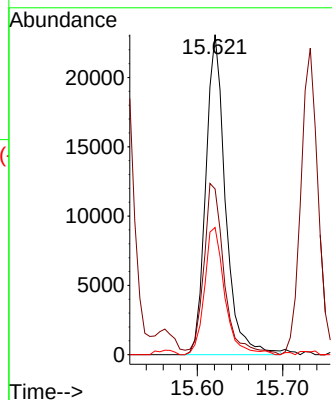
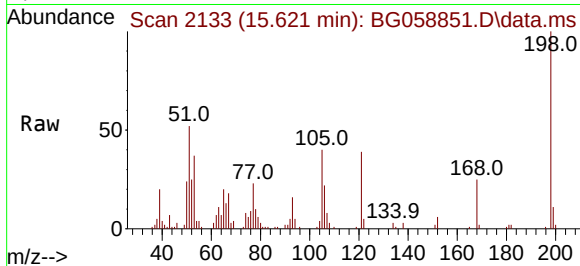




#65
4,6-Dinitro-2-methylphenol
Concen: 46.483 ng
RT: 15.621 min Scan# 2133
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

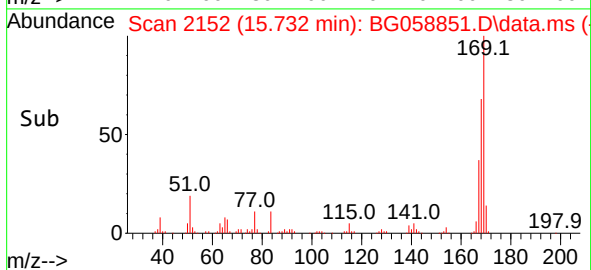
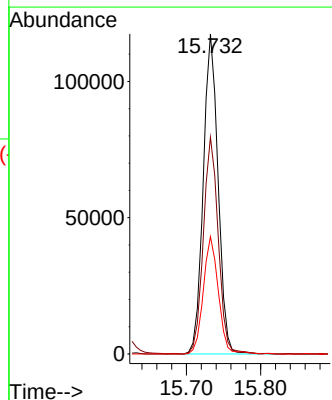
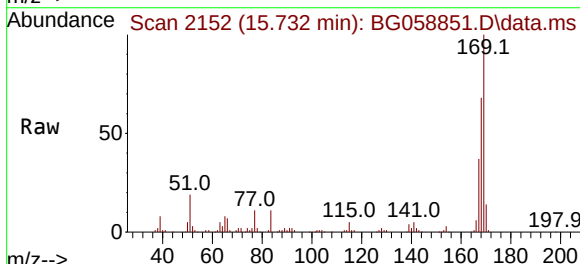
Instrument :
BNA_G
ClientSampleId :
PB155022BS

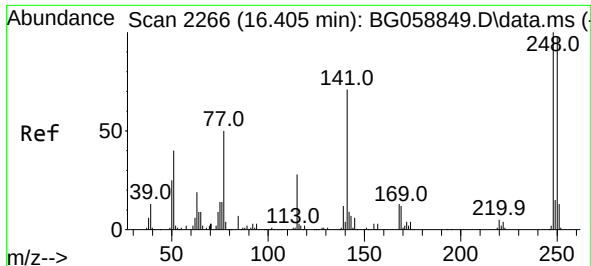
Tgt Ion:198 Resp: 36980
Ion Ratio Lower Upper
198 100
51 51.8 31.3 71.3
105 39.8 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 45.041 ng
RT: 15.732 min Scan# 2152
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:169 Resp: 163389
Ion Ratio Lower Upper
169 100
168 67.8 54.4 81.6
167 36.7 31.4 47.0

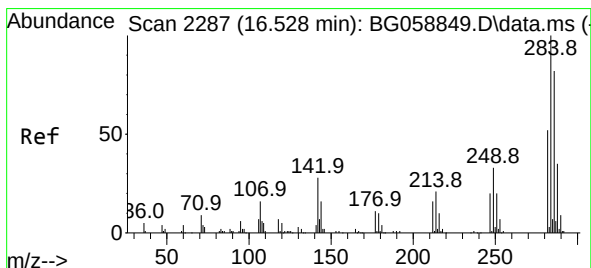
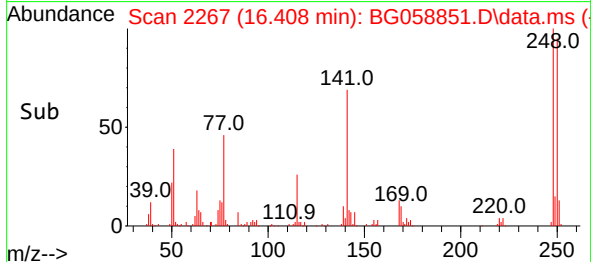
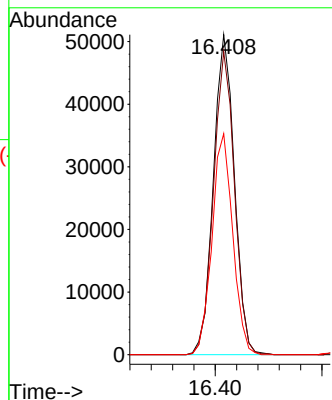
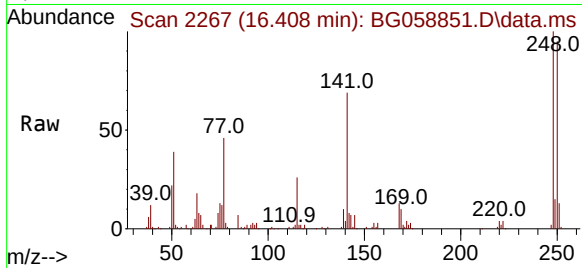




#67
 4-Bromophenyl-phenylether
 Concen: 45.149 ng
 RT: 16.408 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058851.D
 Acq: 25 Aug 2023 15:35

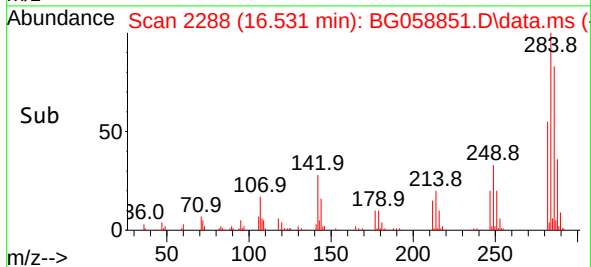
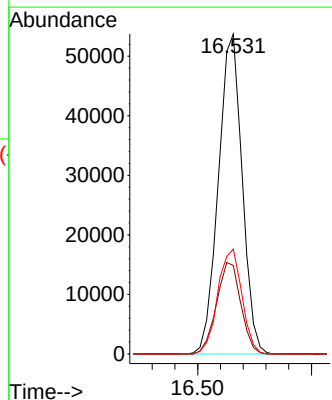
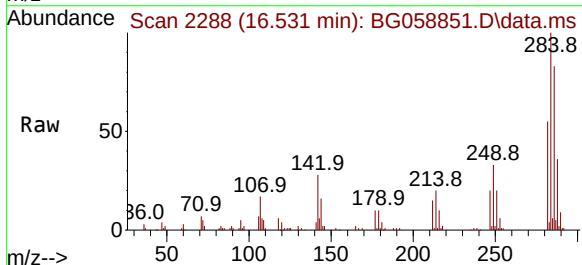
Instrument :
 BNA_G
 ClientSampleId :
 PB155022BS

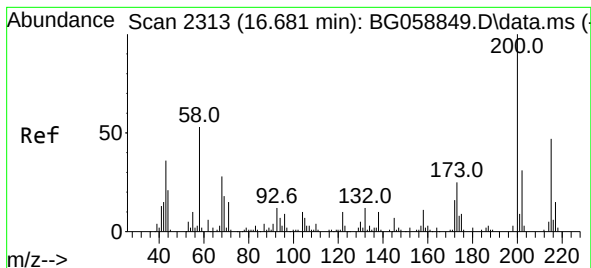
Tgt Ion:248 Resp: 69731
 Ion Ratio Lower Upper
 248 100
 250 94.7 77.7 116.5
 141 69.0 53.6 80.4



#68
 Hexachlorobenzene
 Concen: 46.922 ng
 RT: 16.531 min Scan# 2288
 Delta R.T. 0.003 min
 Lab File: BG058851.D
 Acq: 25 Aug 2023 15:35

Tgt Ion:284 Resp: 77996
 Ion Ratio Lower Upper
 284 100
 142 27.7 22.0 33.0
 249 32.8 27.2 40.8





#69

Atrazine

Concen: 53.730 ng

RT: 16.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

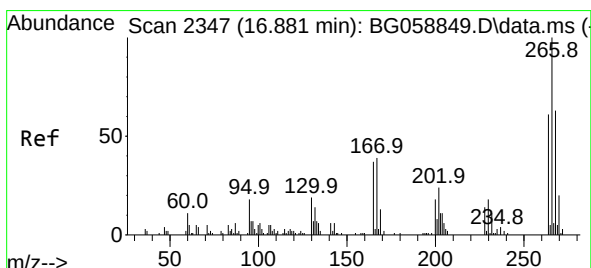
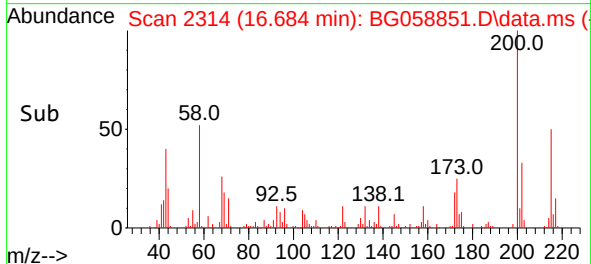
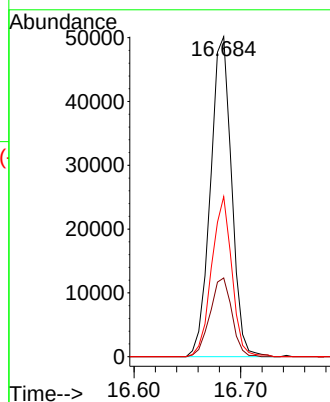
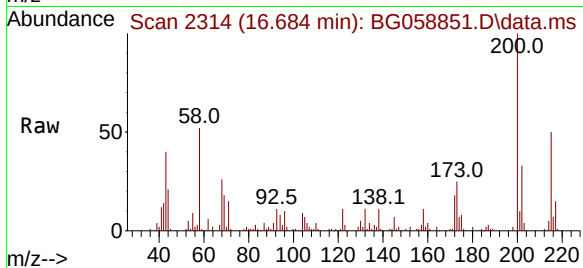
Tgt Ion:200 Resp: 68978

Ion Ratio Lower Upper

200 100

173 24.6 5.3 45.3

215 50.0 29.4 69.4



#70

Pentachlorophenol

Concen: 87.103 ng

RT: 16.878 min Scan# 2347

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

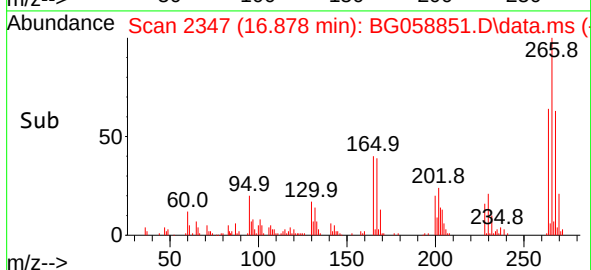
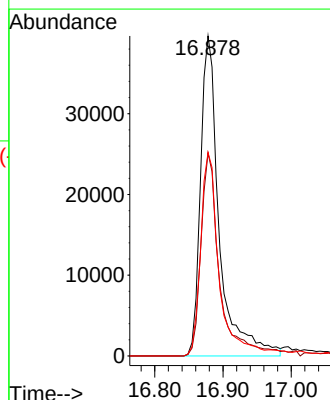
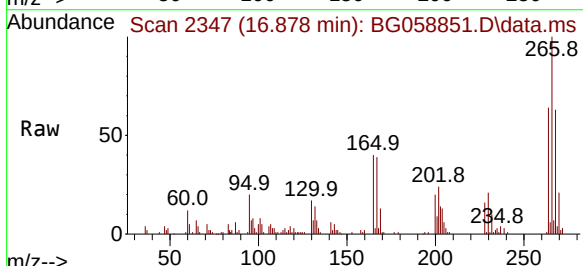
Tgt Ion:266 Resp: 75922

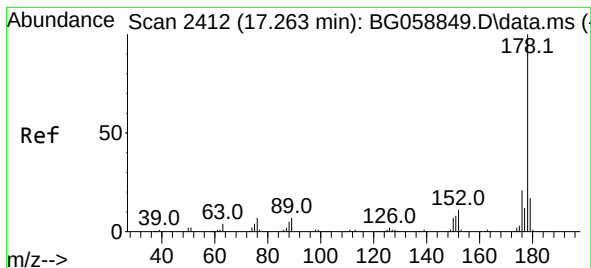
Ion Ratio Lower Upper

266 100

268 63.4 52.7 79.1

264 63.6 49.5 74.3





#71

Phenanthrene

Concen: 44.629 ng

RT: 17.266 min Scan# 2412

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

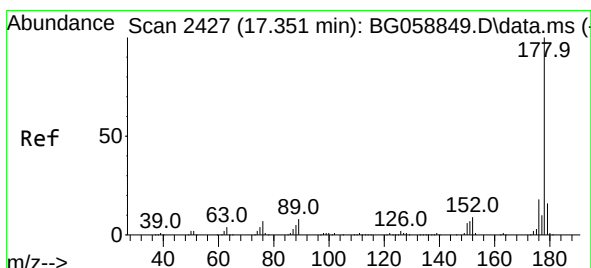
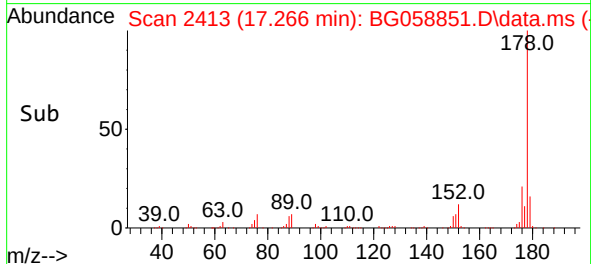
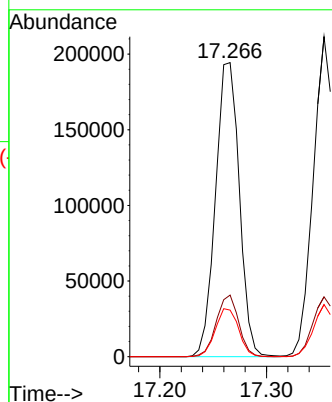
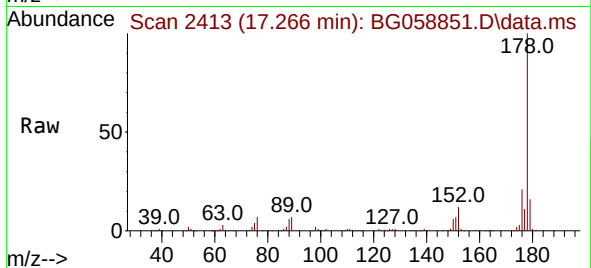
Tgt Ion:178 Resp: 301549

Ion Ratio Lower Upper

178 100

176 21.0 15.5 23.3

179 15.8 13.0 19.4



#72

Anthracene

Concen: 45.229 ng

RT: 17.354 min Scan# 2428

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

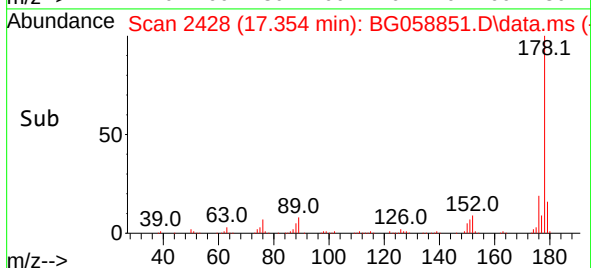
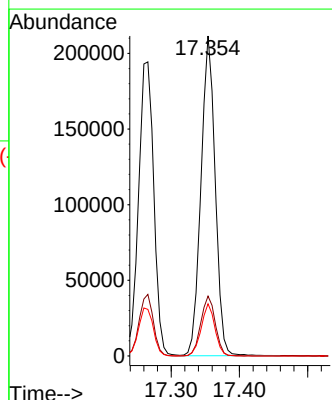
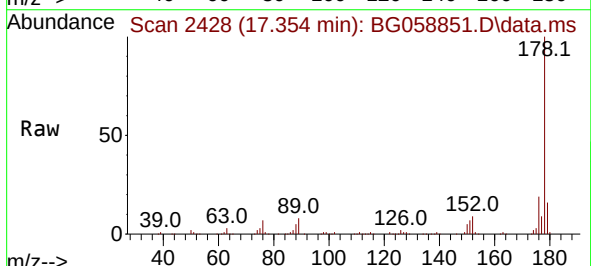
Tgt Ion:178 Resp: 306506

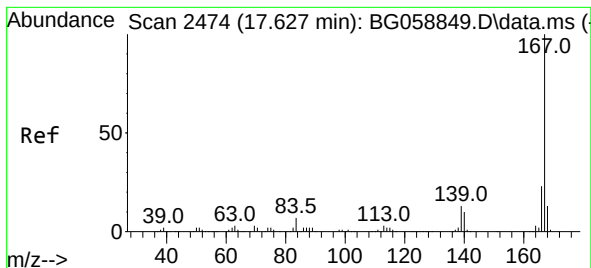
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 16.3 12.9 19.3





#73

Carbazole

Concen: 45.964 ng

RT: 17.630 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG058851.D

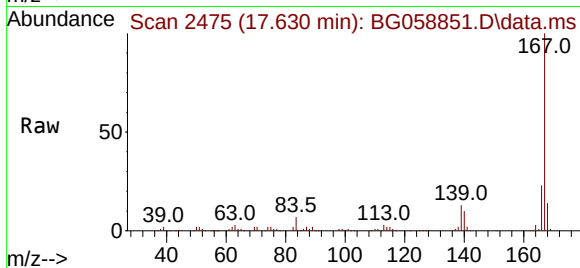
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS



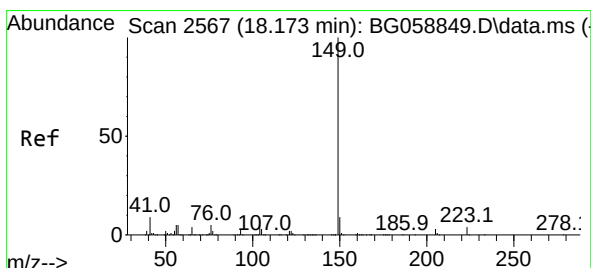
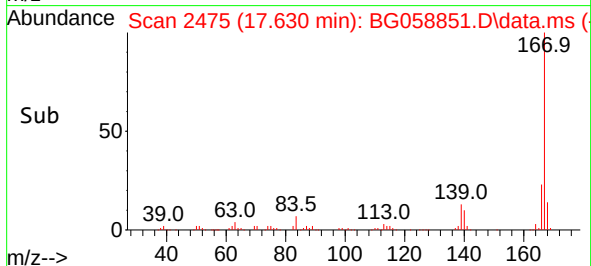
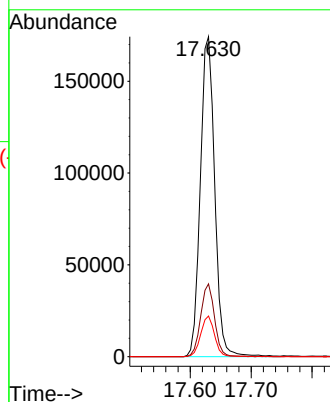
Tgt Ion:167 Resp: 285235

Ion Ratio Lower Upper

167 100

166 22.7 17.4 26.2

139 12.7 9.7 14.5



#74

Di-n-butylphthalate

Concen: 44.688 ng

RT: 18.176 min Scan# 2568

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

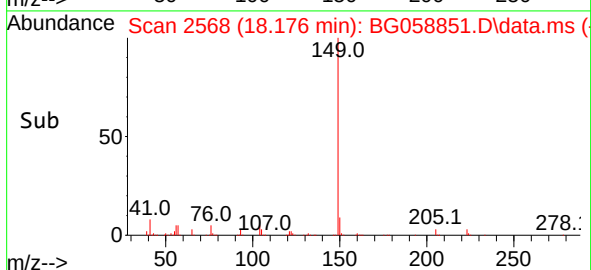
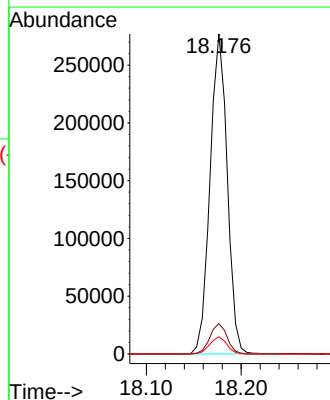
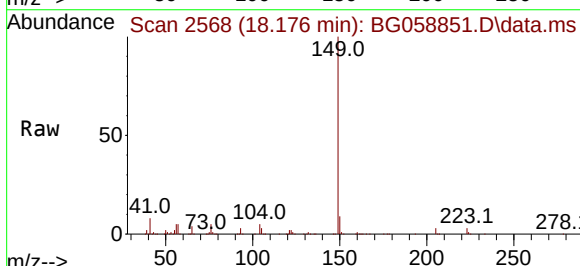
Tgt Ion:149 Resp: 349836

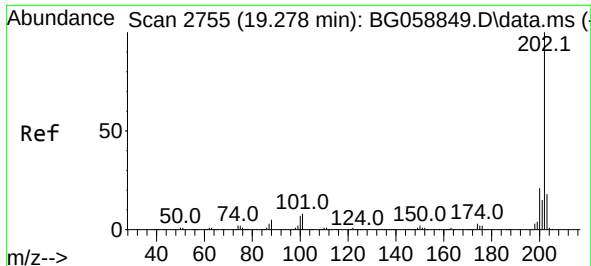
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 5.3 4.3 6.5

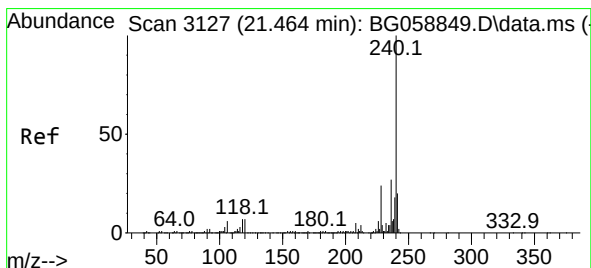
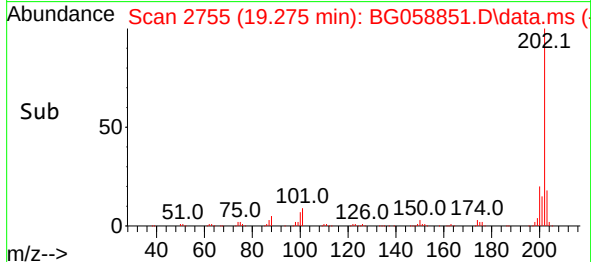
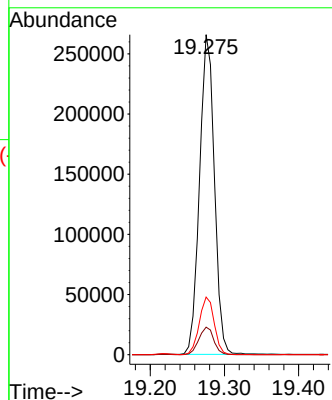
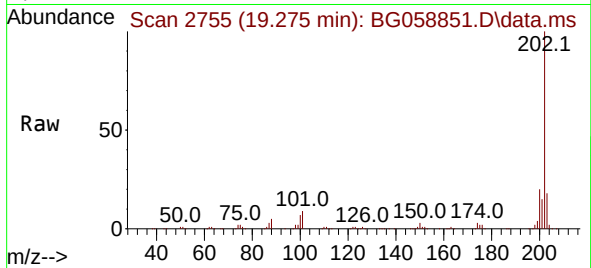




#75
Fluoranthene
Concen: 44.065 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

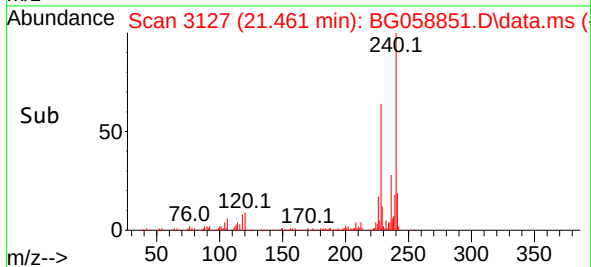
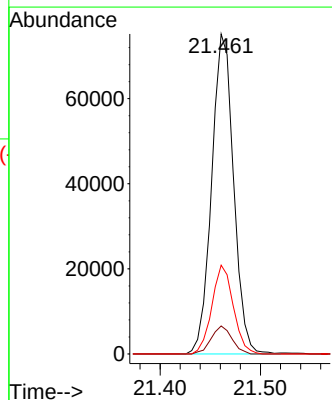
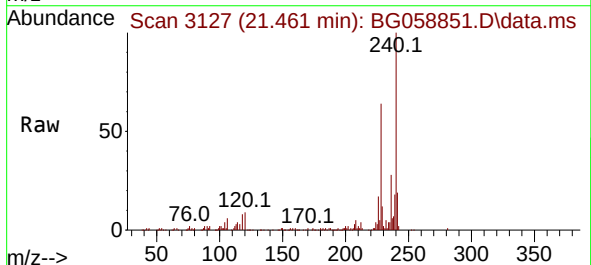
Instrument :
BNA_G
ClientSampleId :
PB155022BS

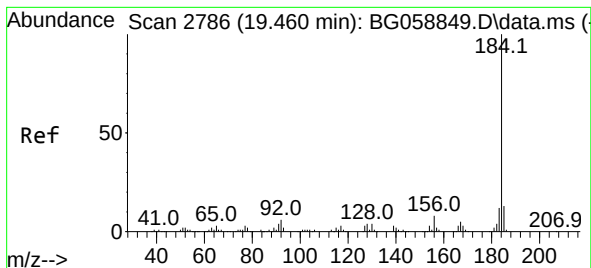
Tgt Ion:202 Resp: 369225
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.7
203 18.0 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.461 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:240 Resp: 114172
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.2
236 27.7 20.5 30.7





#77

Benzidine

Concen: 110.690 ng

RT: 19.463 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

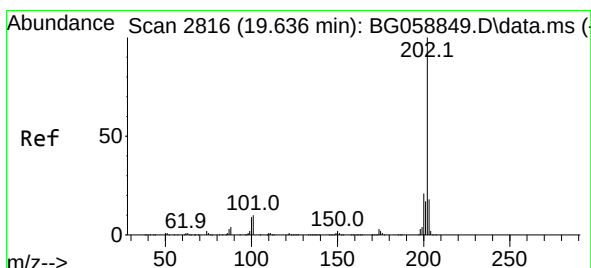
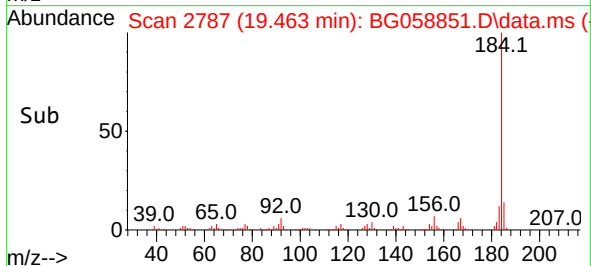
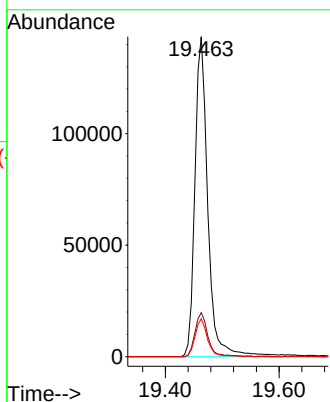
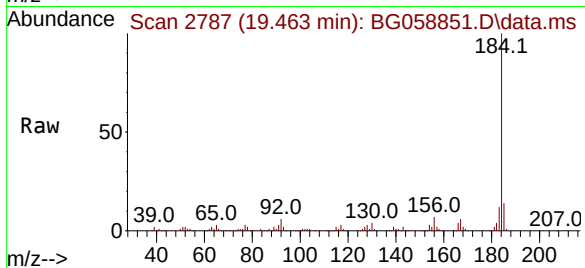
Tgt Ion:184 Resp: 226492

Ion Ratio Lower Upper

184 100

185 13.7 11.9 17.9

183 11.9 10.0 15.0



#78

Pyrene

Concen: 47.047 ng

RT: 19.639 min Scan# 2817

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

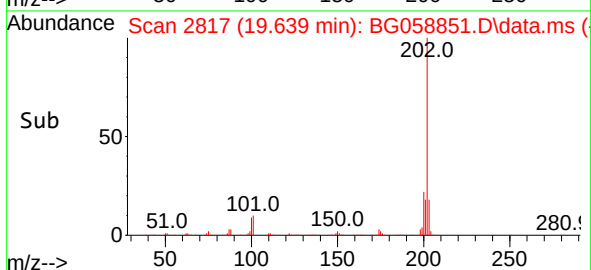
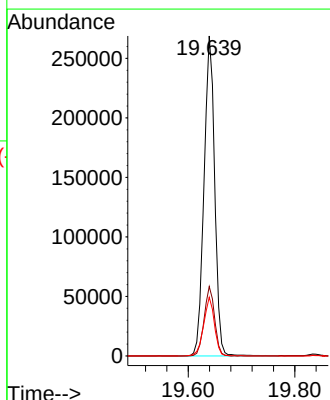
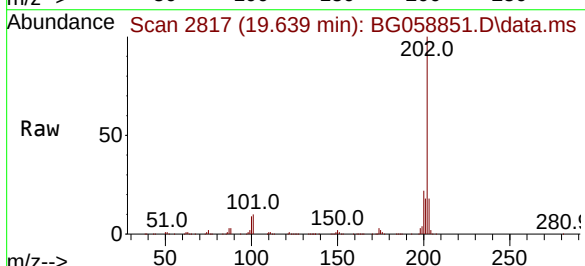
Tgt Ion:202 Resp: 374268

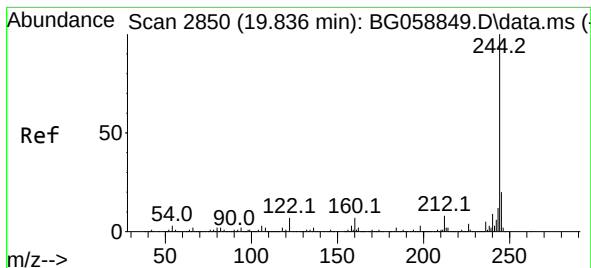
Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

203 18.3 15.3 22.9





#79

Terphenyl-d14

Concen: 95.641 ng

RT: 19.839 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

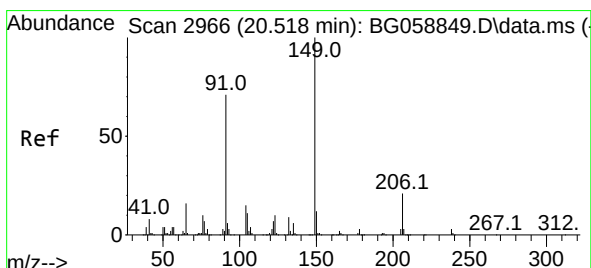
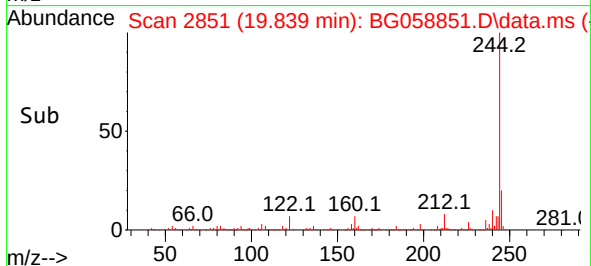
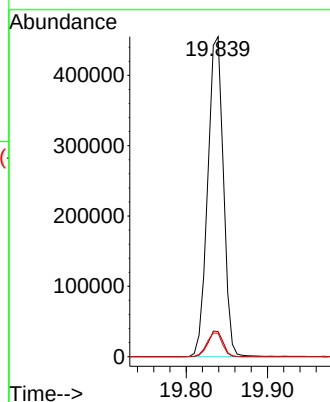
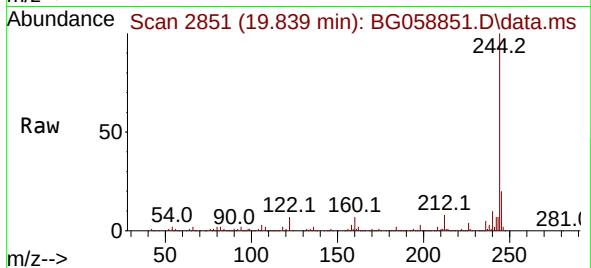
Tgt Ion:244 Resp: 608128

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 7.3 6.3 9.5



#80

Butylbenzylphthalate

Concen: 47.109 ng

RT: 20.521 min Scan# 2967

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

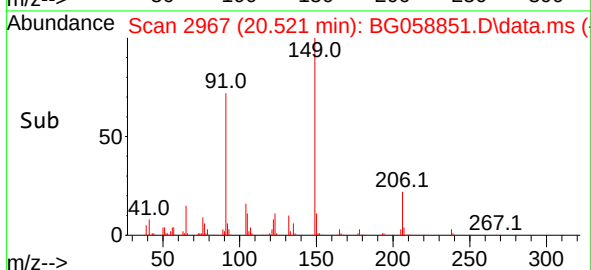
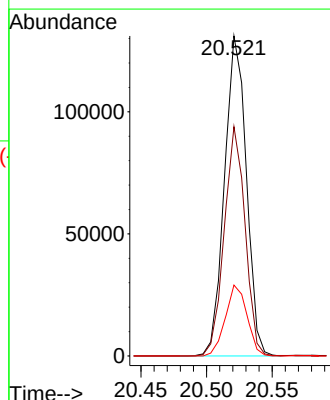
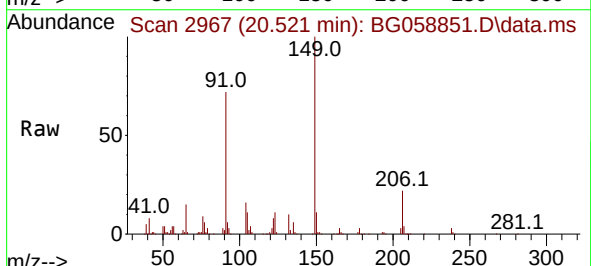
Tgt Ion:149 Resp: 151991

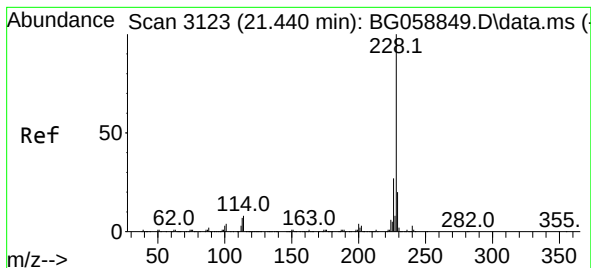
Ion Ratio Lower Upper

149 100

91 71.6 55.0 82.4

206 22.1 17.6 26.4





#81

Benzo(a)anthracene

Concen: 45.737 ng

RT: 21.443 min Scan# 3123

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

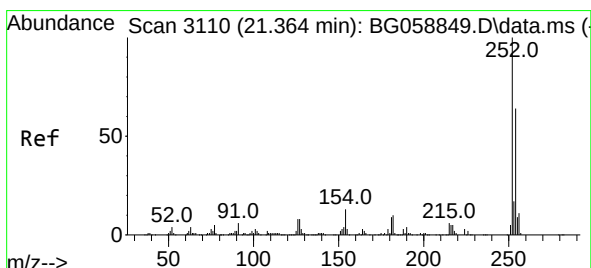
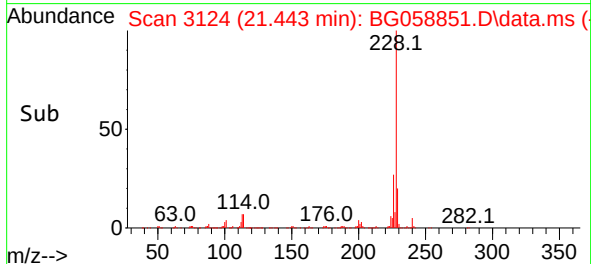
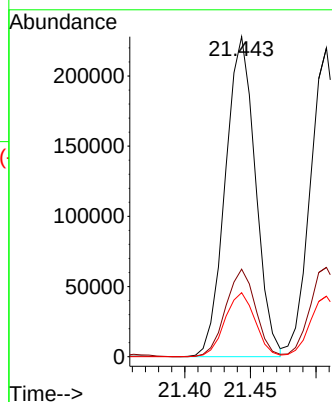
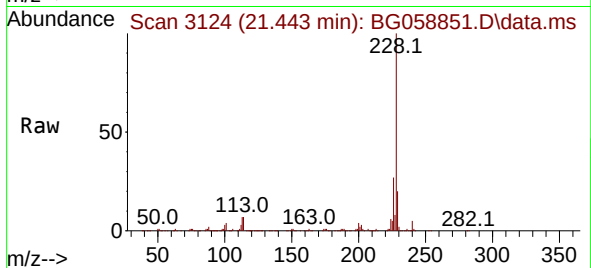
Tgt Ion:228 Resp: 363490

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

229 20.0 16.8 25.2



#82

3,3'-Dichlorobenzidine

Concen: 48.126 ng

RT: 21.361 min Scan# 3110

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

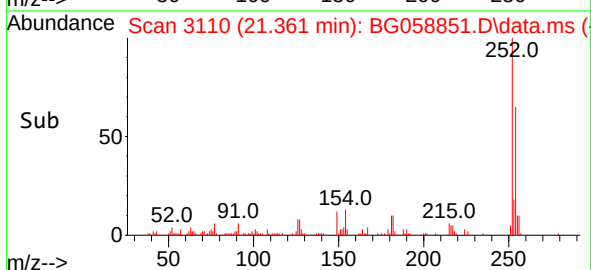
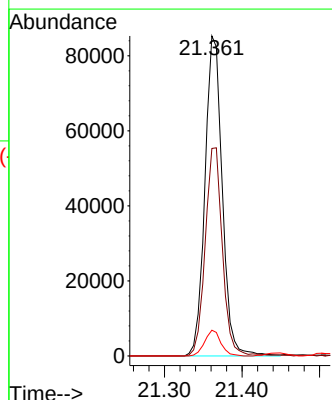
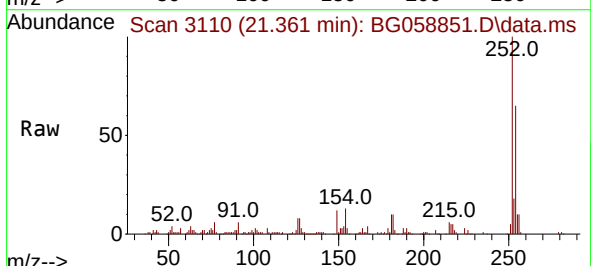
Tgt Ion:252 Resp: 132047

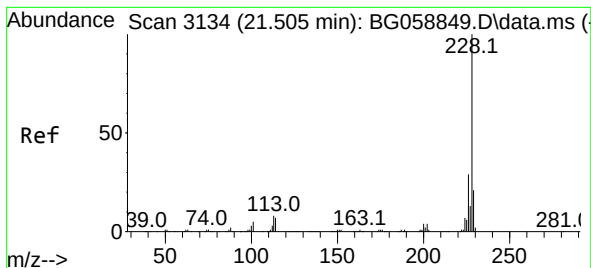
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 8.1 6.6 9.8





#83

Chrysene

Concen: 44.323 ng

RT: 21.508 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

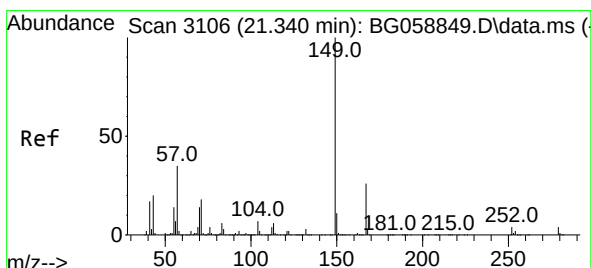
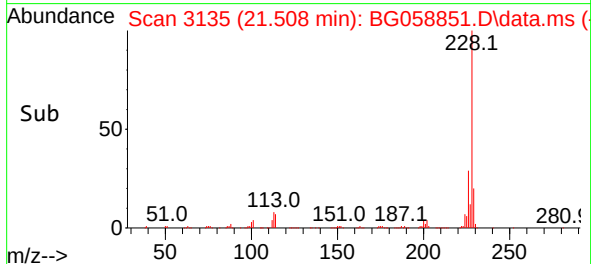
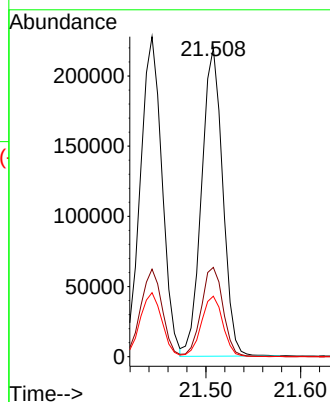
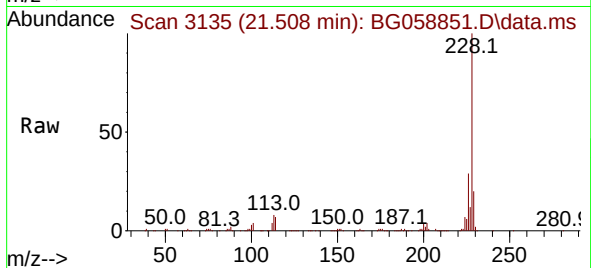
Tgt Ion:228 Resp: 339530

Ion Ratio Lower Upper

228 100

226 28.9 24.4 36.6

229 19.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.195 ng

RT: 21.343 min Scan# 3107

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

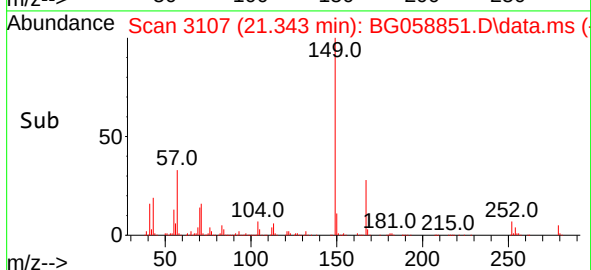
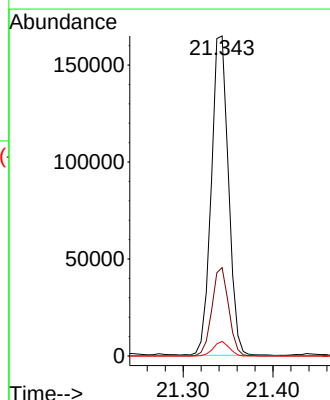
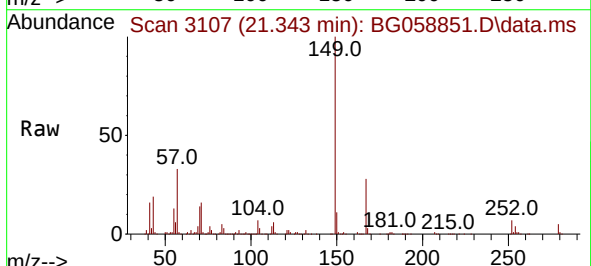
Tgt Ion:149 Resp: 218592

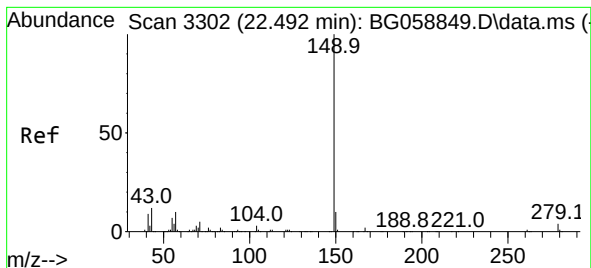
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 46.571 ng

RT: 22.495 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

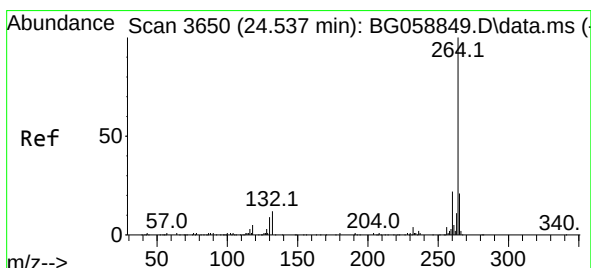
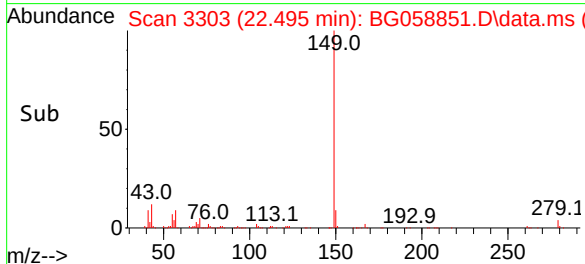
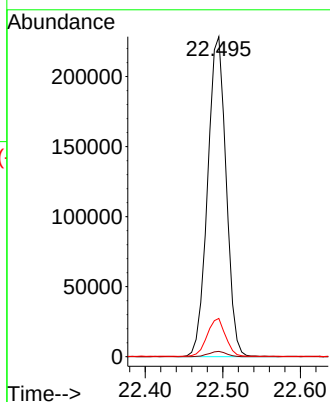
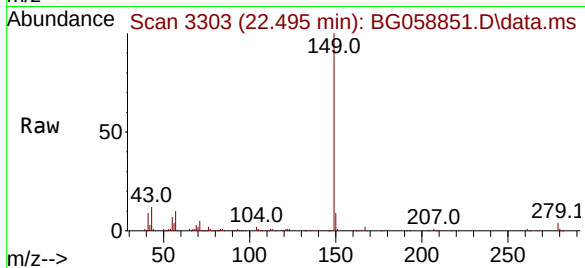
Tgt Ion:149 Resp: 379035

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.540 min Scan# 3651

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

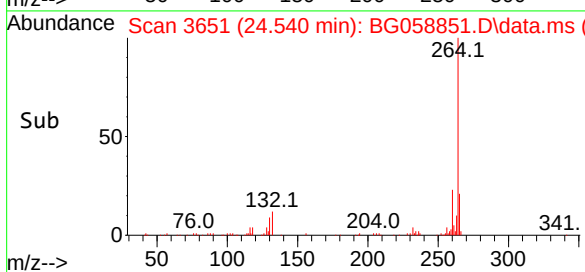
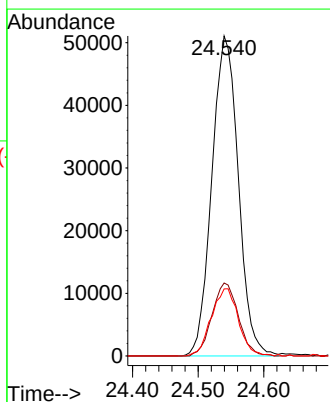
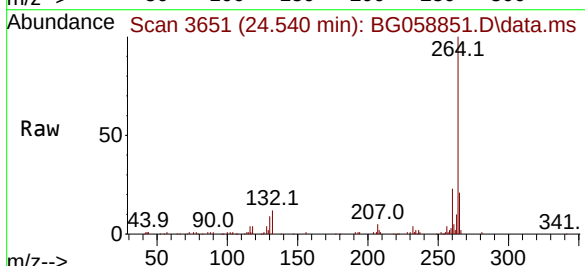
Tgt Ion:264 Resp: 142945

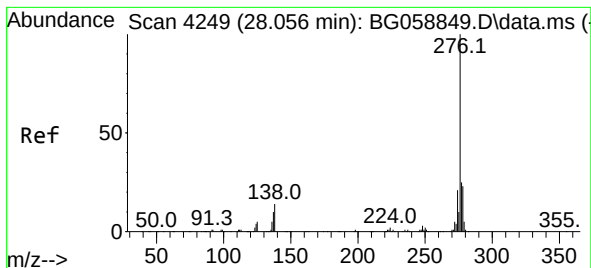
Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 21.0 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.676 ng

RT: 28.053 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

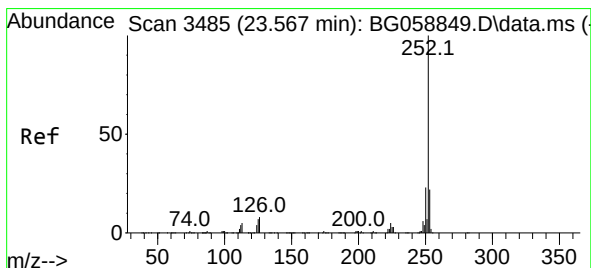
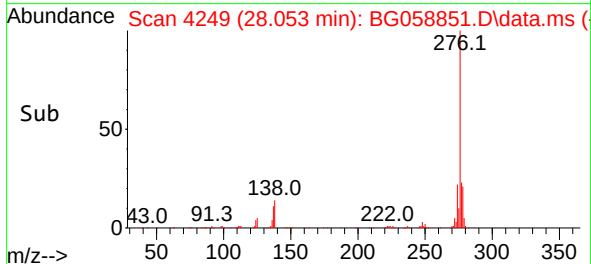
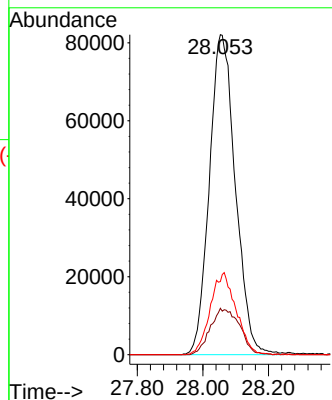
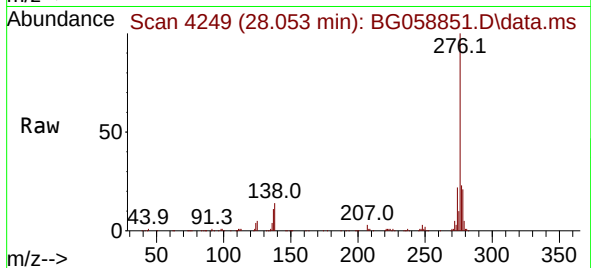
Tgt Ion:276 Resp: 451415

Ion Ratio Lower Upper

276 100

138 16.2 6.2 9.2#

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.612 ng

RT: 23.564 min Scan# 3485

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

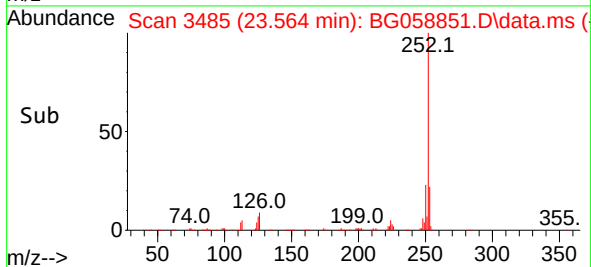
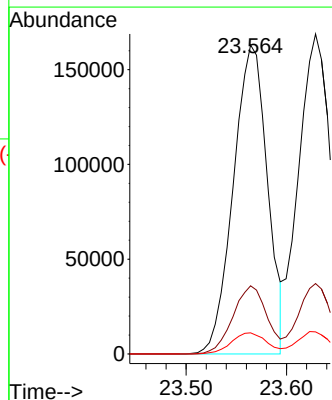
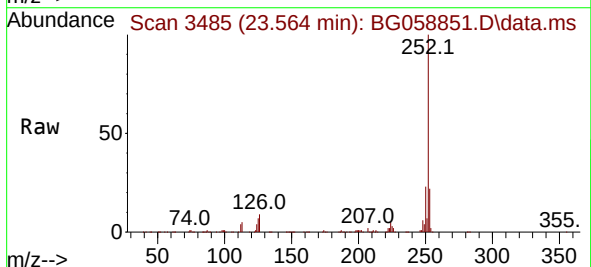
Tgt Ion:252 Resp: 385560

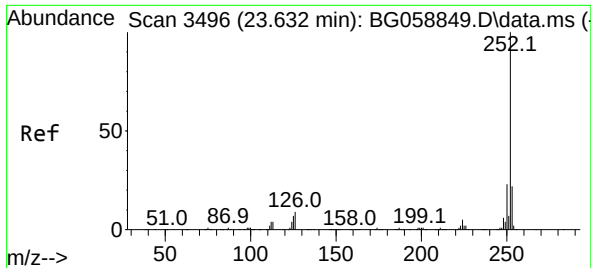
Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

125 6.8 6.2 9.2

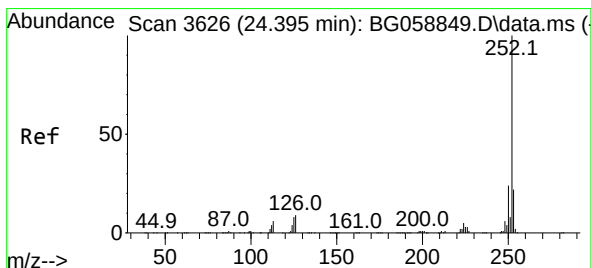
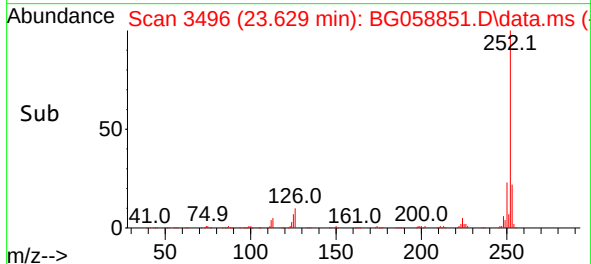
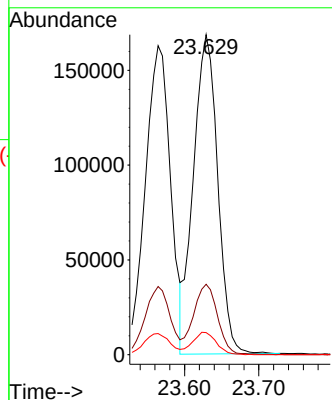
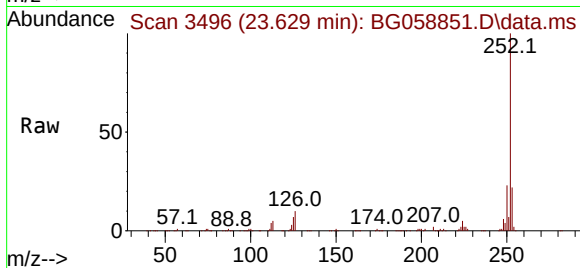




#89
Benzo(k)fluoranthene
Concen: 46.867 ng
RT: 23.629 min Scan# 3496
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

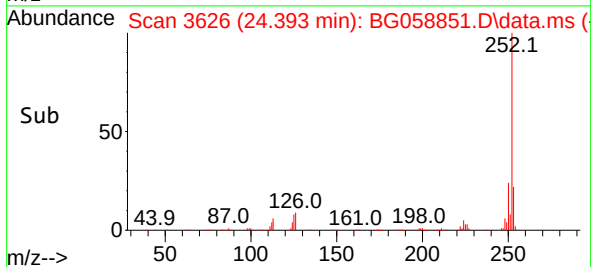
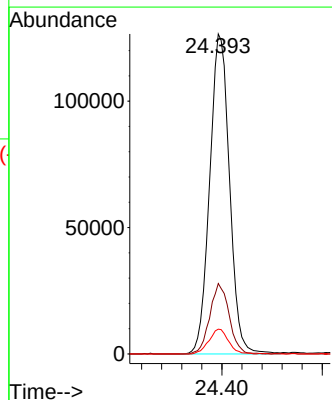
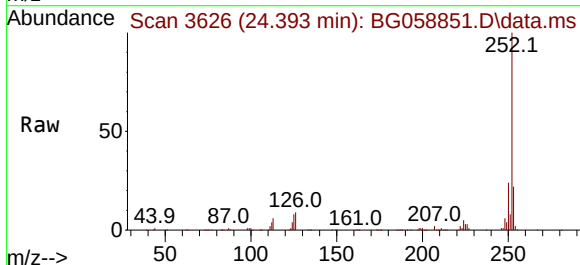
Instrument :
BNA_G
ClientSampleId :
PB155022BS

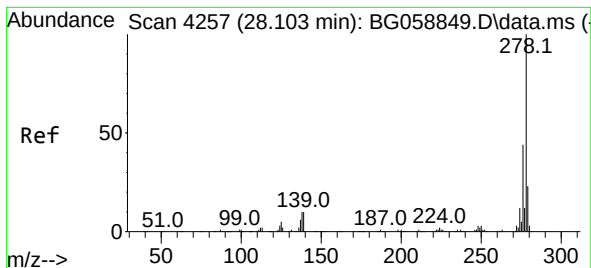
Tgt Ion:252 Resp: 383352
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.9 6.3 9.5



#90
Benzo(a)pyrene
Concen: 44.386 ng
RT: 24.393 min Scan# 3626
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:252 Resp: 346631
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.7 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 47.635 ng

RT: 28.106 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

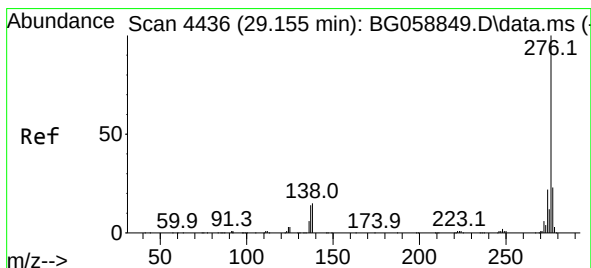
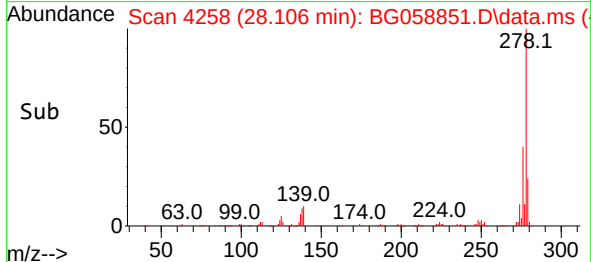
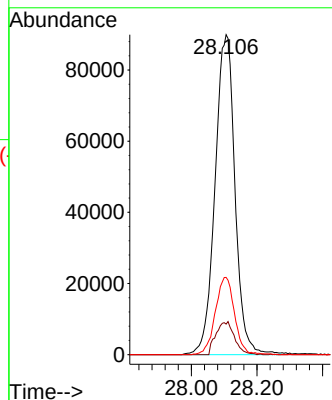
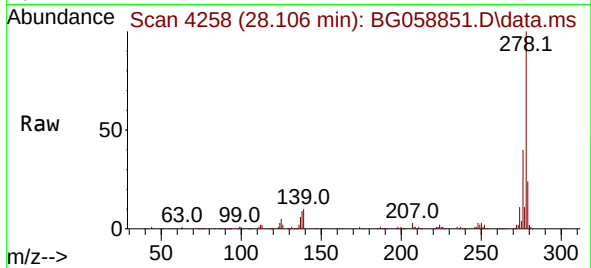
Tgt Ion:278 Resp: 378550

Ion Ratio Lower Upper

278 100

139 9.6 8.9 13.3

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.579 ng

RT: 29.158 min Scan# 4437

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Tgt Ion:276 Resp: 370089

Ion Ratio Lower Upper

276 100

277 24.5 17.8 26.6

138 15.2 11.1 16.7

