

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057660.D
 Acq On : 7 Jun 2023 7:19
 Operator : CG/JU
 Sample : PB153141BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153141BS

Quant Time: Jun 07 08:02:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	23694	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	104439	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	80117	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	201020	20.000	ng	0.00
76) Chrysene-d12	22.006	240	180641	20.000	ng	0.00
86) Perylene-d12	25.490	264	196685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	228480	167.528	ng	0.00
7) Phenol-d6	7.490	99	333589	156.293	ng	0.00
23) Nitrobenzene-d5	9.517	82	204577	91.567	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	160318	124.985	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	513292	92.073	ng	0.00
79) Terphenyl-d14	20.267	244	998811	95.779	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.643	88	20712	36.654	ng	93
3) Pyridine	4.066	79	60347	34.933	ng	99
4) n-Nitrosodimethylamine	3.977	42	29437	42.115	ng	80
6) Aniline	7.649	93	99272	38.447	ng	98
8) 2-Chlorophenol	7.902	128	81285	55.516	ng	93
9) Benzaldehyde	7.467	77	45828	32.408	ng	94
10) Phenol	7.514	94	109766	54.336	ng	95
11) bis(2-Chloroethyl)ether	7.737	93	75397	49.984	ng	97
12) 1,3-Dichlorobenzene	8.225	146	79670	51.074	ng	99
13) 1,4-Dichlorobenzene	8.371	146	82605	52.052	ng	99
14) 1,2-Dichlorobenzene	8.700	146	80985	52.319	ng	94
15) Benzyl Alcohol	8.577	79	81860	49.858	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.859	45	98038	52.341	ng	95
17) 2-Methylphenol	8.783	107	75094	50.619	ng	97
18) Hexachloroethane	9.429	117	29464	54.222	ng	91
19) n-Nitroso-di-n-propyla...	9.141	70	69044	46.562	ng	97
20) 3+4-Methylphenols	9.112	107	103465	49.682	ng	96
22) Acetophenone	9.170	105	128262	45.928	ng	# 97
24) Nitrobenzene	9.564	77	100000	44.094	ng	100
25) Isophorone	10.081	82	187817	42.770	ng	98
26) 2-Nitrophenol	10.281	139	46569	47.892	ng	96
27) 2,4-Dimethylphenol	10.322	122	85094	50.617	ng	96
28) bis(2-Chloroethoxy)met...	10.551	93	109673	48.164	ng	99
29) 2,4-Dichlorophenol	10.827	162	87426	49.514	ng	97
30) 1,2,4-Trichlorobenzene	11.033	180	89579	46.550	ng	97
31) Naphthalene	11.226	128	252608	45.723	ng	97
32) Benzoic acid	10.480	122	29305	32.400	ng	97
33) 4-Chloroaniline	11.332	127	69869	27.501	ng	98
34) Hexachlorobutadiene	11.491	225	58968	44.303	ng	97
35) Caprolactam	12.108	113	21266	29.053	ng	95
36) 4-Chloro-3-methylphenol	12.437	107	97894	46.839	ng	98
37) 2-Methylnaphthalene	12.807	142	187390	43.216	ng	98
38) 1-Methylnaphthalene	13.024	142	176477	42.649	ng	95
40) 1,2,4,5-Tetrachloroben...	13.171	216	120900	45.975	ng	99
41) Hexachlorocyclopentadiene	13.136	237	63535	88.959	ng	98
43) 2,4,6-Trichlorophenol	13.406	196	75351	45.514	ng	96

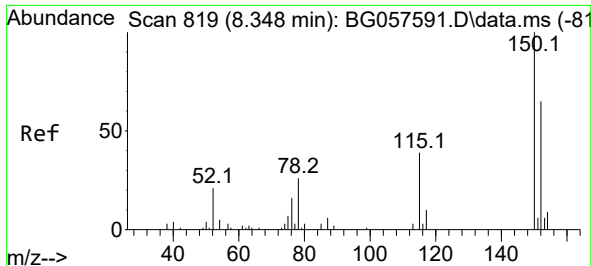
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
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 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	80772	40.964	ng	95
46) 1,1'-Biphenyl	13.794	154	268112	46.823	ng	97
47) 2-Chloronaphthalene	13.846	162	202160	46.872	ng	98
48) 2-Nitroaniline	14.046	65	67210	44.487	ng	97
49) Acenaphthylene	14.686	152	327452	44.835	ng	100
50) Dimethylphthalate	14.393	163	278167	42.126	ng	100
51) 2,6-Dinitrotoluene	14.528	165	63443	44.884	ng	96
52) Acenaphthene	15.021	154	202352	45.279	ng	98
53) 3-Nitroaniline	14.869	138	45846	31.097	ng	95
54) 2,4-Dinitrophenol	15.086	184	62404	73.850	ng	96
55) Dibenzofuran	15.350	168	334104	43.753	ng	100
56) 4-Nitrophenol	15.180	139	80589	82.041	ng	94
57) 2,4-Dinitrotoluene	15.321	165	92400	43.659	ng	98
58) Fluorene	15.996	166	279083	43.286	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.579	232	76505	41.416	ng	97
60) Diethylphthalate	15.738	149	293142	42.534	ng	99
61) 4-Chlorophenyl-phenyle...	15.973	204	155169	43.184	ng	97
62) 4-Nitroaniline	16.026	138	66666	41.919	ng	89
63) Azobenzene	16.267	77	272437	44.449	ng	97
65) 4,6-Dinitro-2-methylph...	16.090	198	56382	46.065	ng	96
66) n-Nitrosodiphenylamine	16.190	169	249457	47.745	ng	98
67) 4-Bromophenyl-phenylether	16.866	248	104317	46.262	ng	99
68) Hexachlorobenzene	17.007	284	113547	48.851	ng	98
69) Atrazine	17.124	200	111599	49.750	ng	99
70) Pentachlorophenol	17.353	266	82435	69.604	ng	97
71) Phenanthrene	17.741	178	473110	45.991	ng	98
72) Anthracene	17.835	178	483038	45.773	ng	98
73) Carbazole	18.099	167	438417	46.440	ng	99
74) Di-n-butylphthalate	18.611	149	513924	45.857	ng	99
75) Fluoranthene	19.733	202	582426	43.613	ng	99
77) Benzidine	19.897	184	277721	50.807	ng	99
78) Pyrene	20.091	202	595472	46.297	ng	99
80) Butylbenzylphthalate	20.937	149	225938	48.233	ng	99
81) Benzo(a)anthracene	21.982	228	582127	46.450	ng	99
82) 3,3'-Dichlorobenzidine	21.877	252	163761	35.435	ng	# 99
83) Chrysene	22.053	228	533200	45.022	ng	99
84) Bis(2-ethylhexyl)phtha...	21.818	149	325961	48.783	ng	98
85) Di-n-octyl phthalate	23.104	149	553241	49.952	ng	99
87) Indeno(1,2,3-cd)pyrene	29.537	276	655720	47.817	ng	98
88) Benzo(b)fluoranthene	24.373	252	586673	48.459	ng	98
89) Benzo(k)fluoranthene	24.450	252	582880	47.706	ng	98
90) Benzo(a)pyrene	25.331	252	520006	44.044	ng	98
91) Dibenzo(a,h)anthracene	29.590	278	546468	47.883	ng	98
92) Benzo(g,h,i)perylene	30.812	276	530569	47.669	ng	98

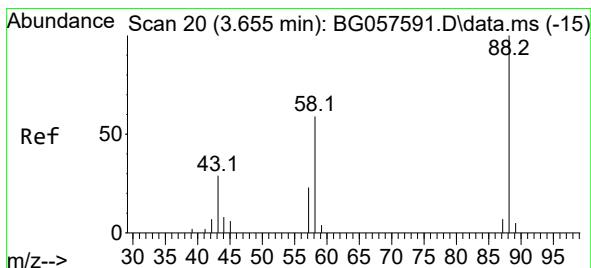
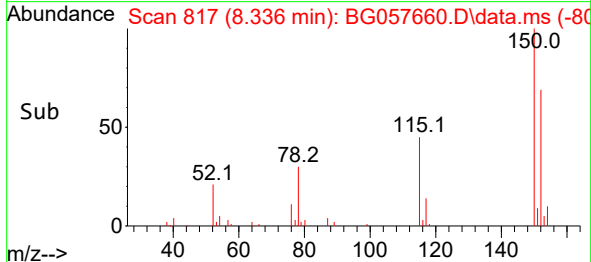
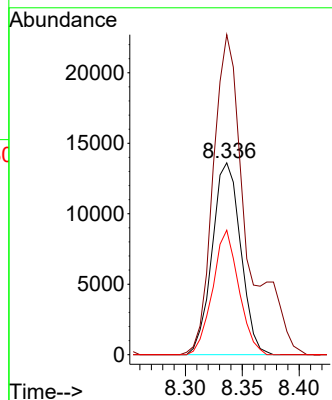
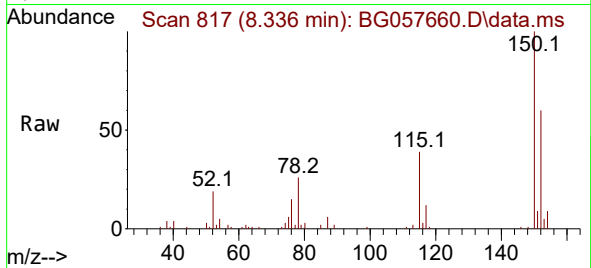
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG057660.D
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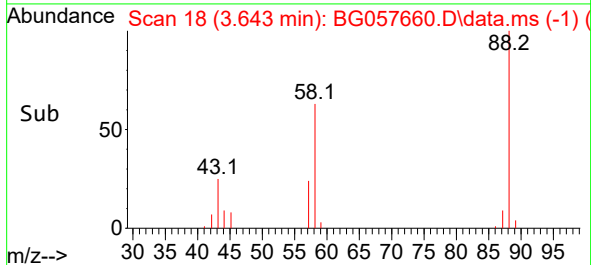
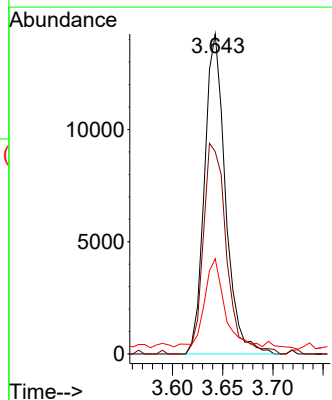
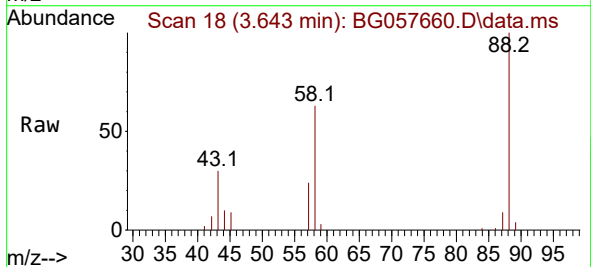
Instrument :
BNA_G
ClientSampleId :
PB153141BS

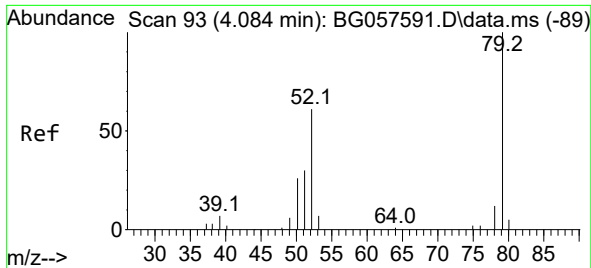
Tgt Ion:152 Resp: 23694
Ion Ratio Lower Upper
152 100
150 166.7 123.0 184.4
115 64.9 47.4 71.2



#2
1,4-Dioxane
Concen: 36.654 ng
RT: 3.643 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion: 88 Resp: 20712
Ion Ratio Lower Upper
88 100
58 72.7 52.6 79.0
43 26.1 22.1 33.1

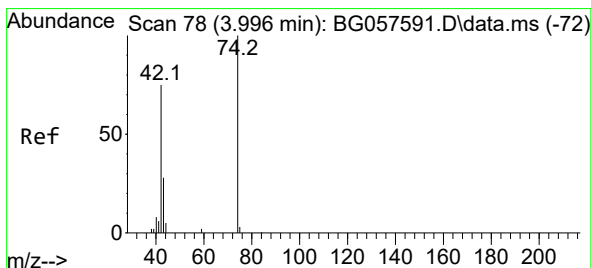
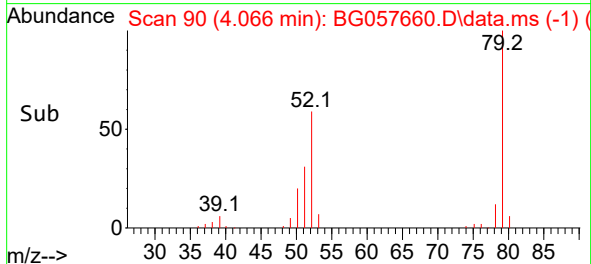
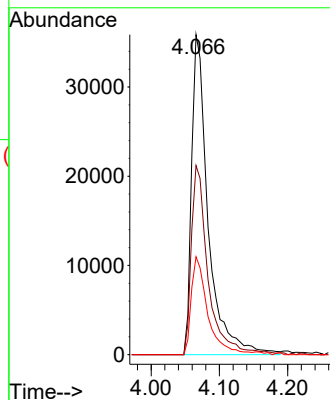
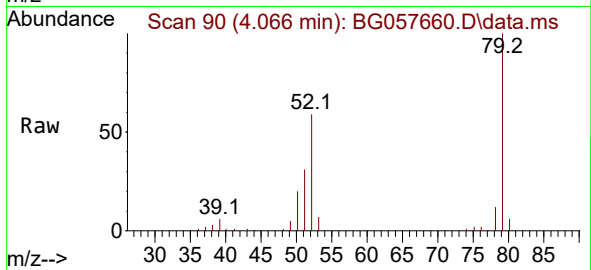




#3
Pyridine
Concen: 34.933 ng
RT: 4.066 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

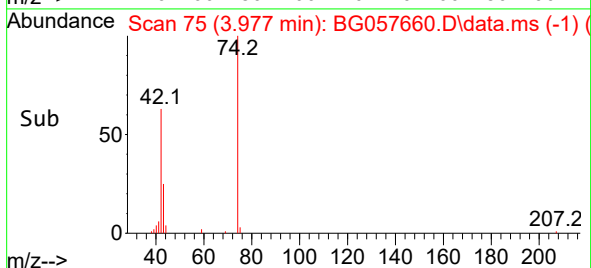
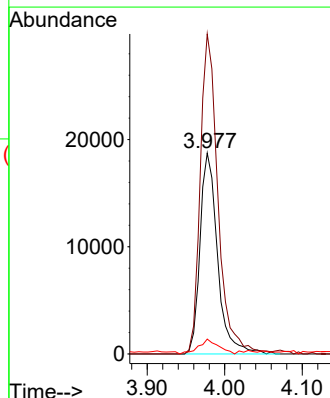
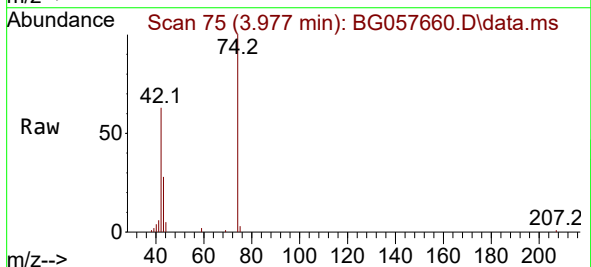
Instrument :
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ClientSampleId :
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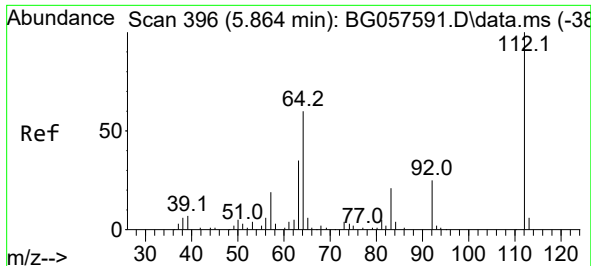
Tgt Ion: 79 Resp: 60347
Ion Ratio Lower Upper
79 100
52 59.1 48.4 72.6
51 30.6 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 42.115 ng
RT: 3.977 min Scan# 75
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion: 42 Resp: 29437
Ion Ratio Lower Upper
42 100
74 159.3 107.3 160.9
44 7.4 6.1 9.1

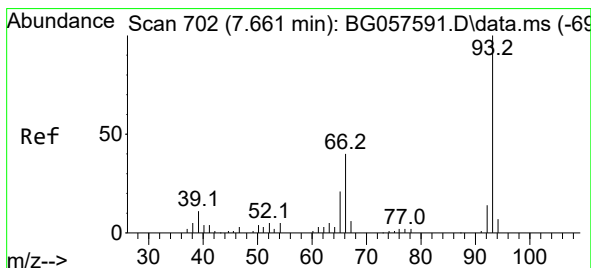
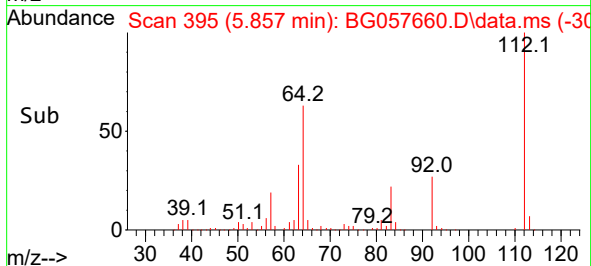
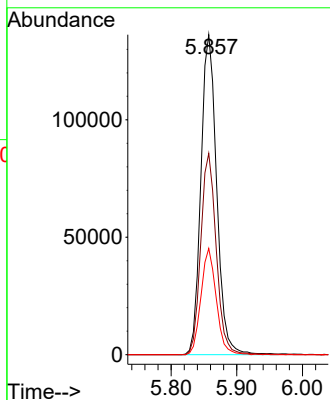
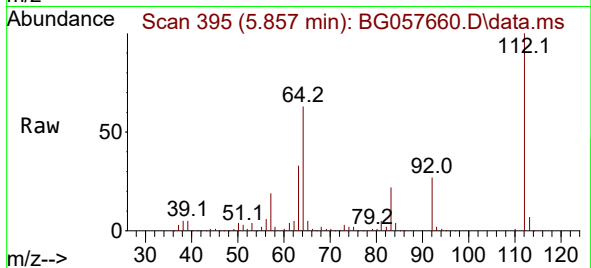




#5
2-Fluorophenol
Concen: 167.528 ng
RT: 5.857 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

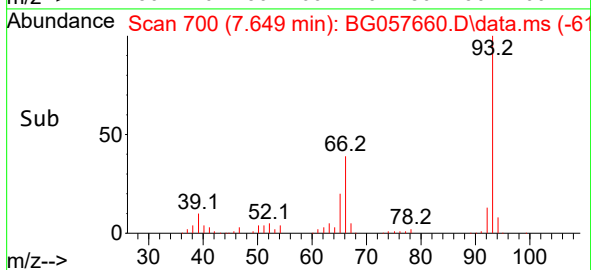
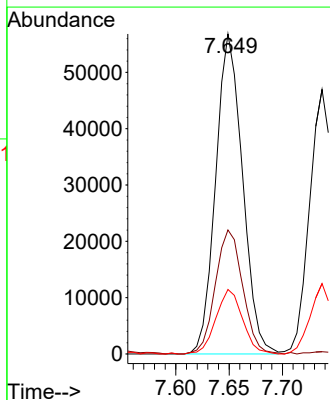
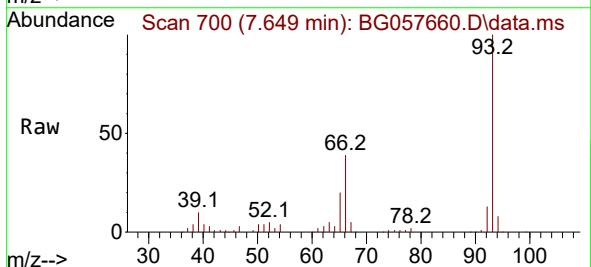
Instrument :
BNA_G
ClientSampleId :
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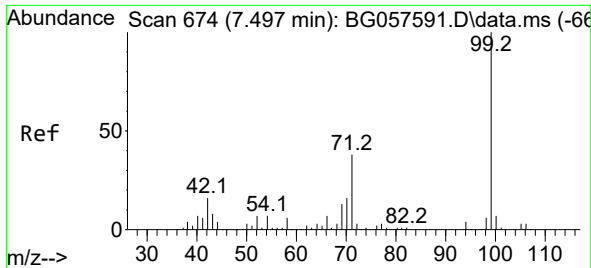
Tgt Ion:112 Resp: 228480
Ion Ratio Lower Upper
112 100
64 62.9 47.8 71.6
63 33.2 27.8 41.8



#6
Aniline
Concen: 38.447 ng
RT: 7.649 min Scan# 700
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion: 93 Resp: 99272
Ion Ratio Lower Upper
93 100
66 38.8 32.2 48.4
65 20.1 16.7 25.1

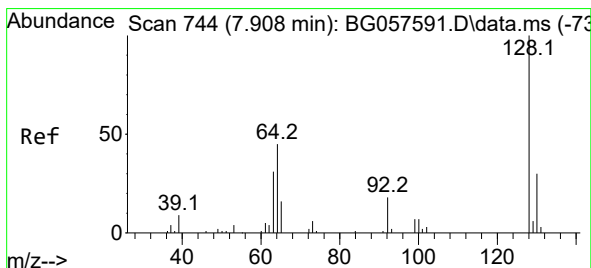
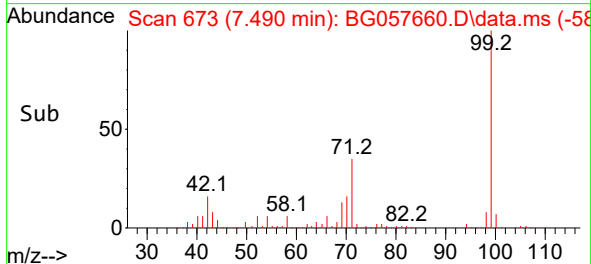
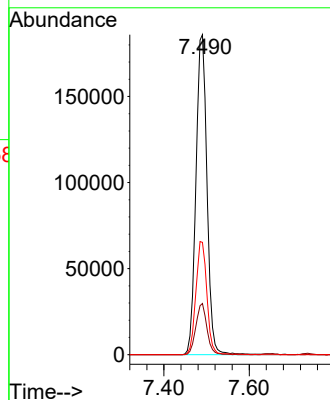
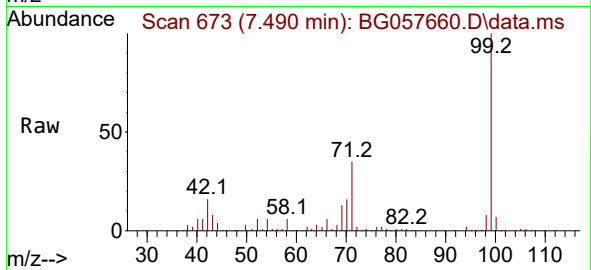




#7
Phenol-d6
Concen: 156.293 ng
RT: 7.490 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

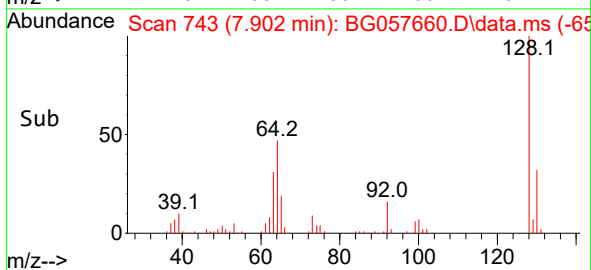
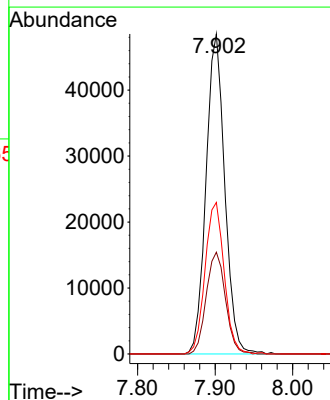
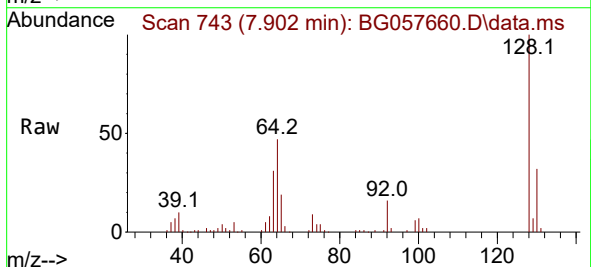
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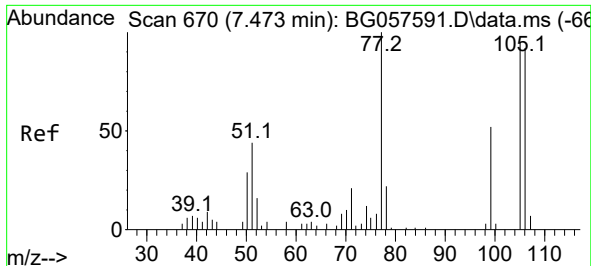
Tgt Ion: 99 Resp: 333589
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 35.1 30.3 45.5



#8
2-Chlorophenol
Concen: 55.516 ng
RT: 7.902 min Scan# 743
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:128 Resp: 81285
Ion Ratio Lower Upper
128 100
130 31.8 10.5 50.5
64 47.3 33.8 73.8

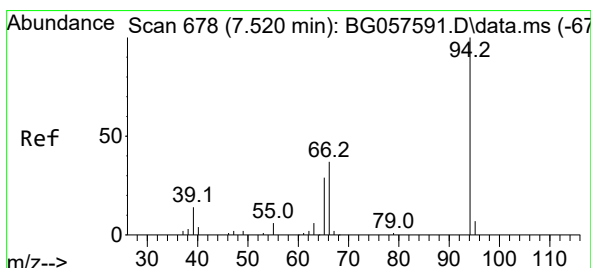
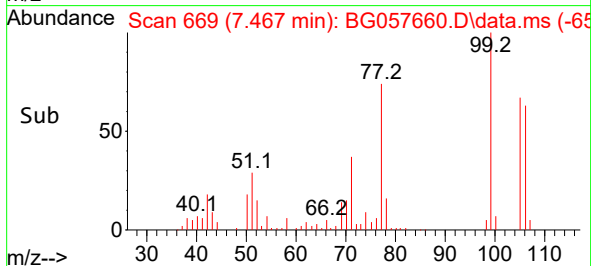
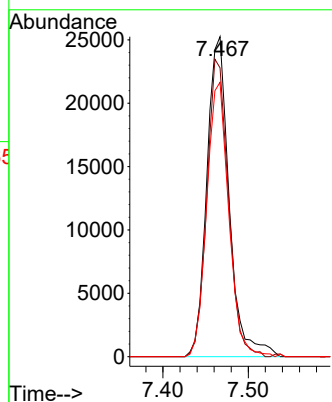
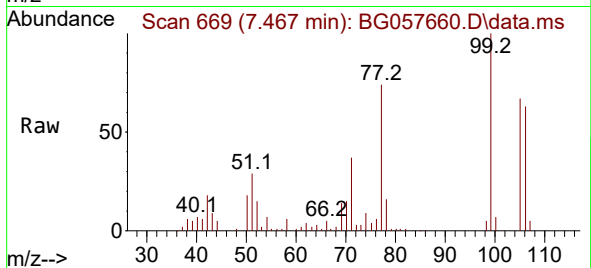




#9
Benzaldehyde
Concen: 32.408 ng
RT: 7.467 min Scan# 610
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

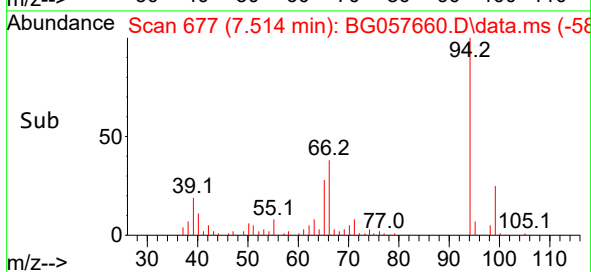
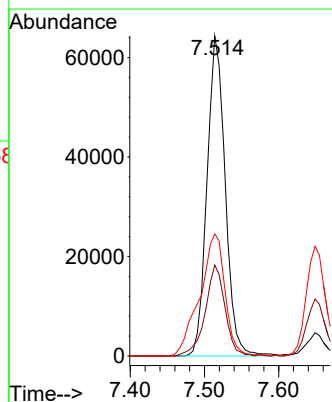
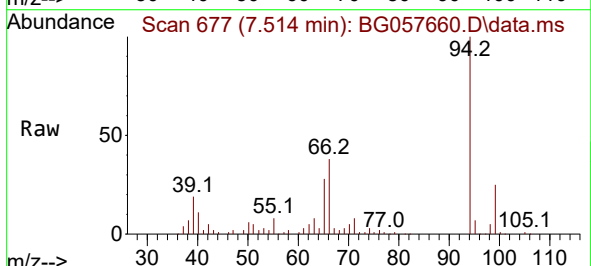
Instrument :
BNA_G
ClientSampleId :
PB153141BS

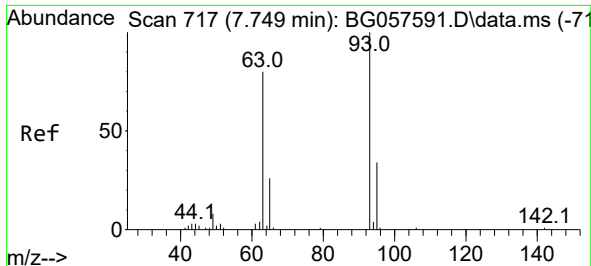
Tgt Ion: 77 Resp: 45828
Ion Ratio Lower Upper
77 100
105 90.3 75.0 115.0
106 85.8 72.5 112.5



#10
Phenol
Concen: 54.336 ng
RT: 7.514 min Scan# 677
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion: 94 Resp: 109766
Ion Ratio Lower Upper
94 100
65 28.4 9.6 49.6
66 38.1 22.0 62.0

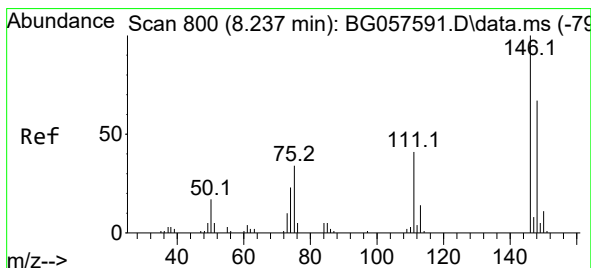
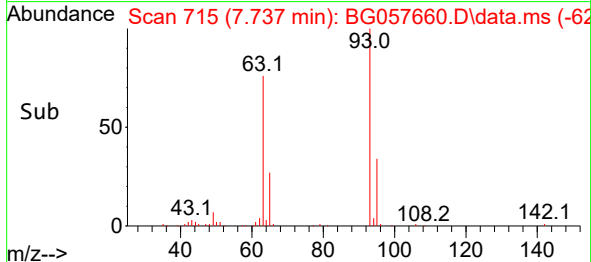
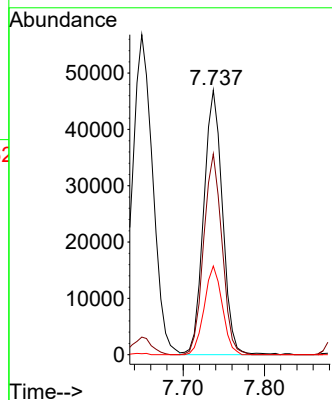
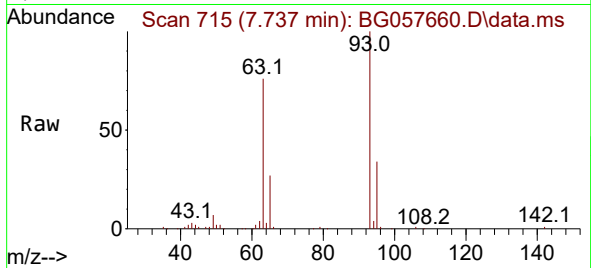




#11
bis(2-Chloroethyl)ether
Concen: 49.984 ng
RT: 7.737 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

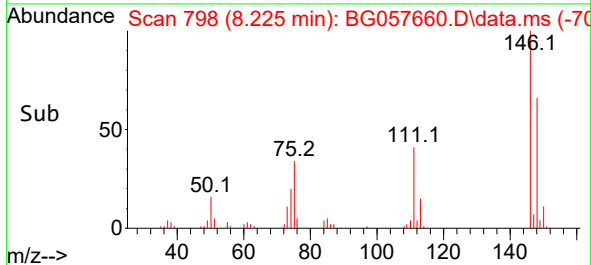
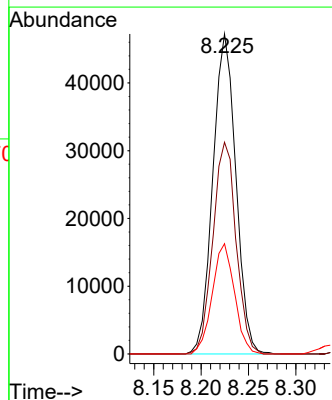
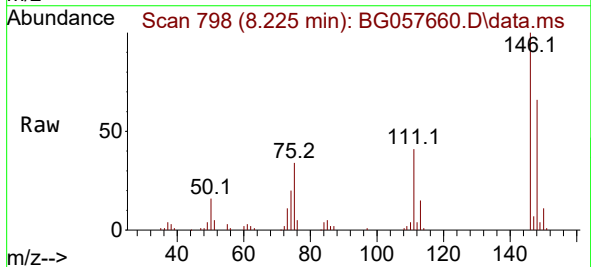
Instrument :
BNA_G
ClientSampleId :
PB153141BS

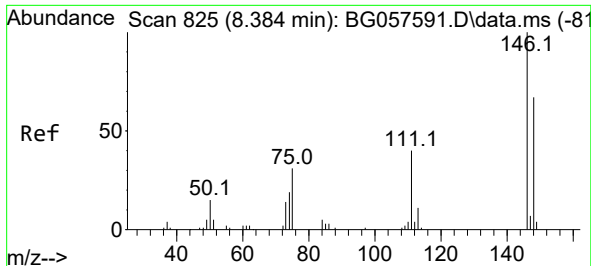
Tgt Ion: 93 Resp: 75397
Ion Ratio Lower Upper
93 100
63 75.9 59.3 99.3
95 33.5 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 51.074 ng
RT: 8.225 min Scan# 798
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion: 146 Resp: 79670
Ion Ratio Lower Upper
146 100
148 66.2 53.4 80.0
75 34.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 52.052 ng

RT: 8.371 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

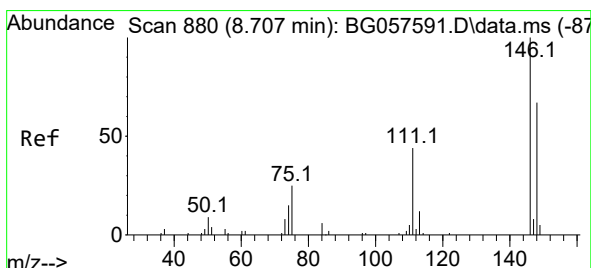
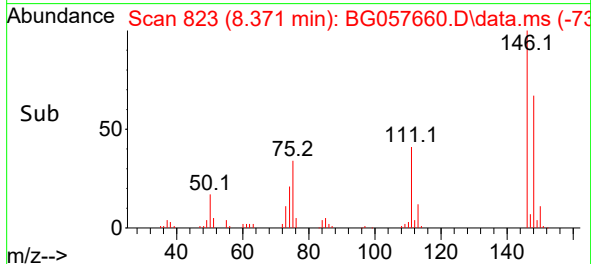
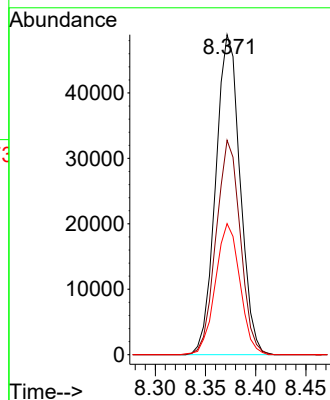
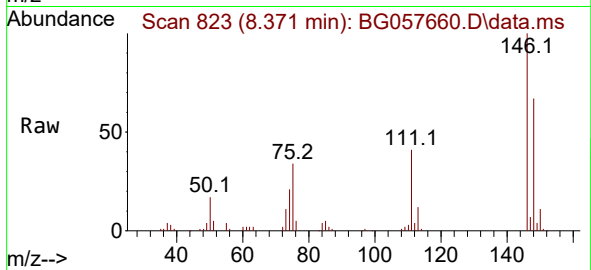
Tgt Ion:146 Resp: 82605

Ion Ratio Lower Upper

146 100

148 67.0 53.8 80.6

111 41.0 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 52.319 ng

RT: 8.700 min Scan# 879

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

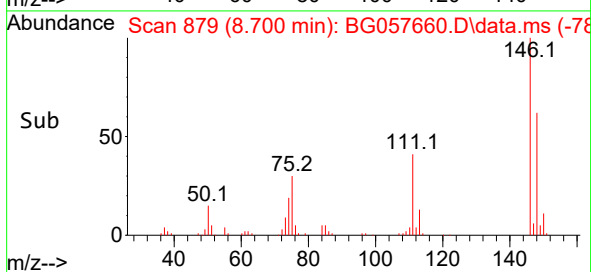
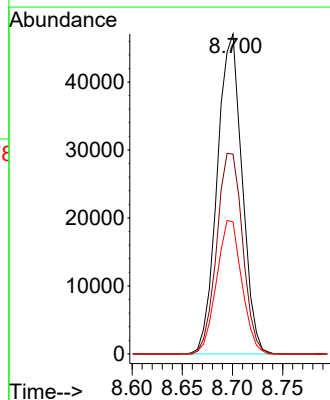
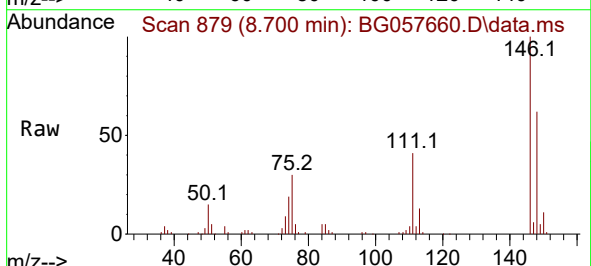
Tgt Ion:146 Resp: 80985

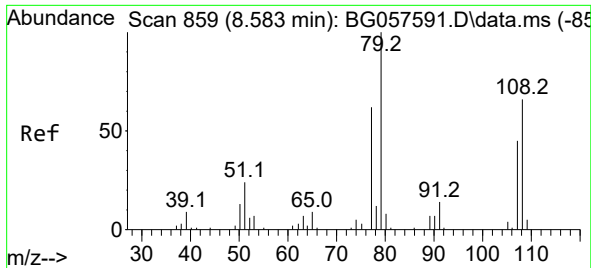
Ion Ratio Lower Upper

146 100

148 62.5 53.5 80.3

111 41.3 36.6 54.8





#15
Benzyl Alcohol
Concen: 49.858 ng
RT: 8.577 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

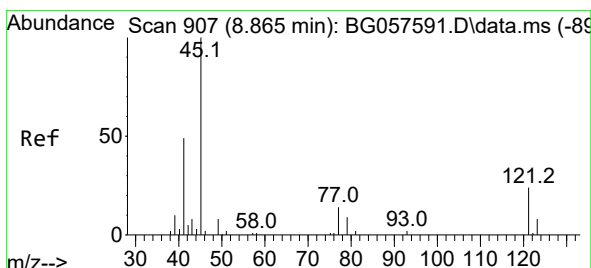
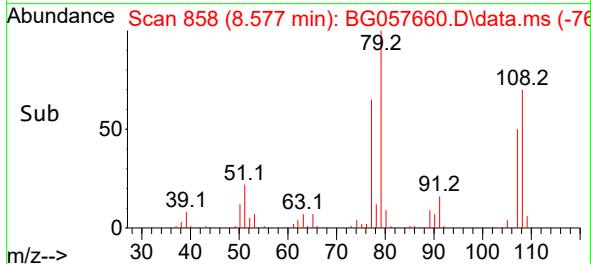
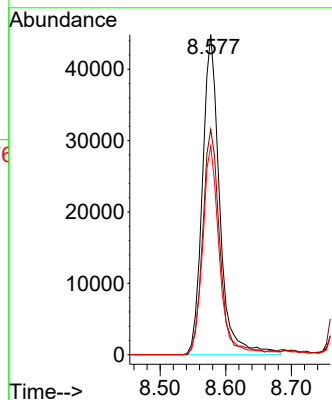
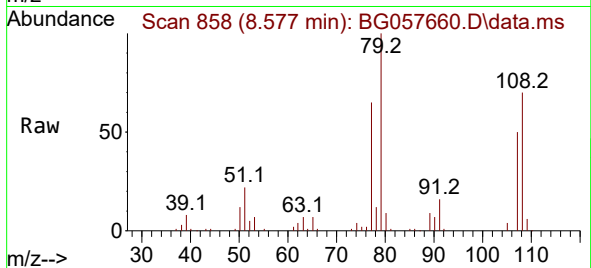
Instrument :

BNA_G

ClientSampleId :

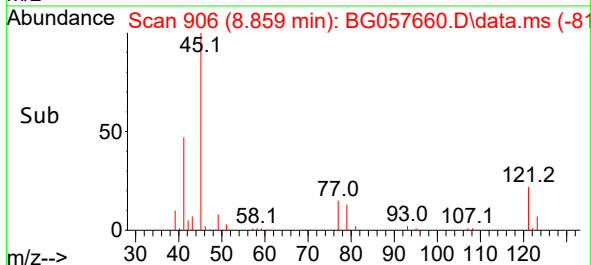
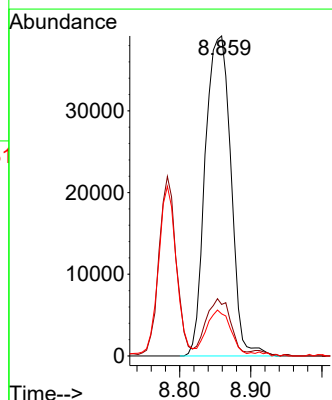
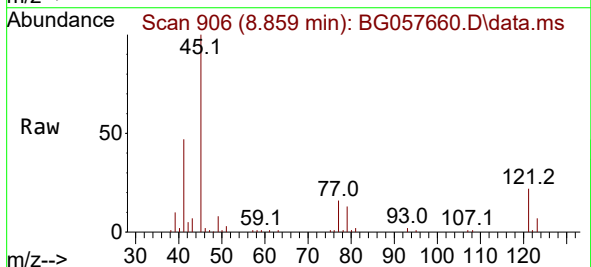
PB153141BS

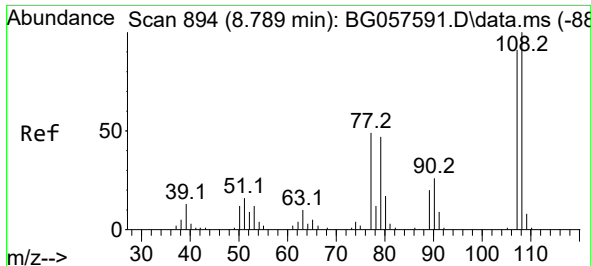
Tgt Ion: 79 Resp: 81860
Ion Ratio Lower Upper
79 100
108 70.4 52.6 78.8
77 65.2 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.341 ng
RT: 8.859 min Scan# 906
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion: 45 Resp: 98038
Ion Ratio Lower Upper
45 100
77 16.1 0.0 39.2
79 13.1 0.0 34.2

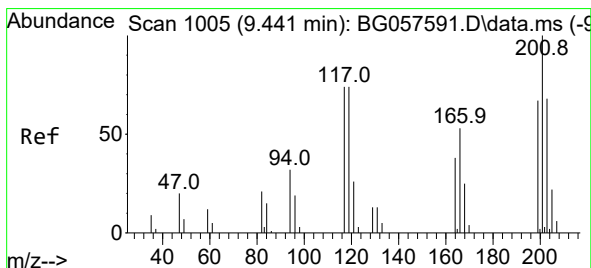
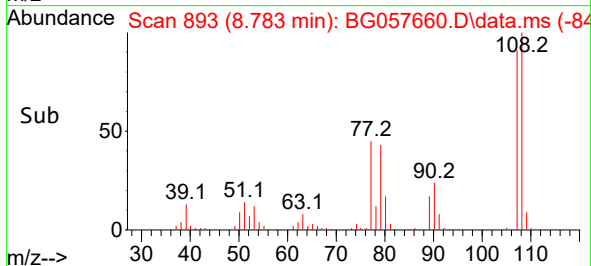
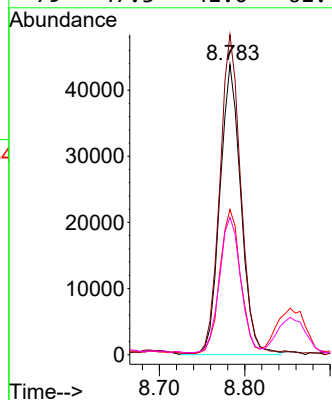
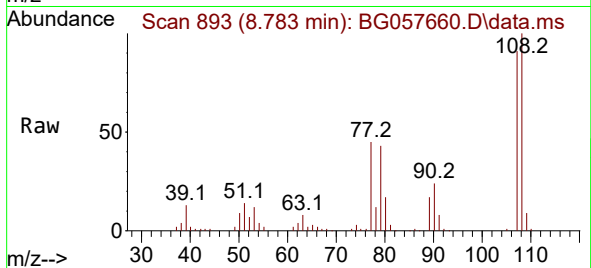




#17
2-Methylphenol
Concen: 50.619 ng
RT: 8.783 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

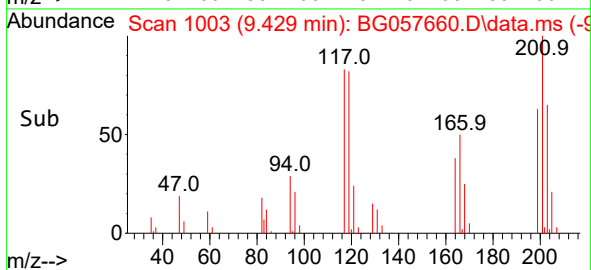
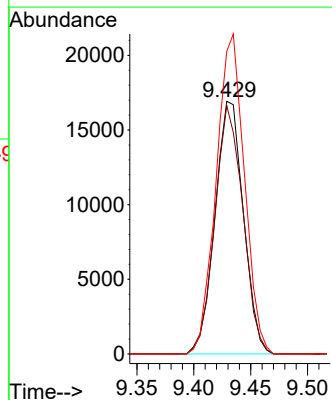
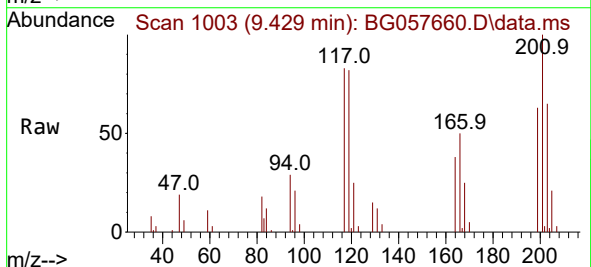
Instrument :
BNA_G
ClientSampleId :
PB153141BS

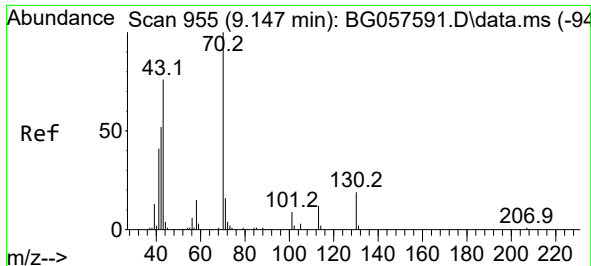
Tgt Ion:107 Resp: 75094
Ion Ratio Lower Upper
107 100
108 110.3 87.7 131.5
77 50.1 43.0 64.6
79 47.3 41.0 61.4



#18
Hexachloroethane
Concen: 54.222 ng
RT: 9.429 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:117 Resp: 29464
Ion Ratio Lower Upper
117 100
119 98.3 80.6 121.0
201 119.9 108.8 163.2





#19

n-Nitroso-di-n-propylamine

Concen: 46.562 ng

RT: 9.141 min Scan# 91

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

Tgt Ion: 70 Resp: 69044

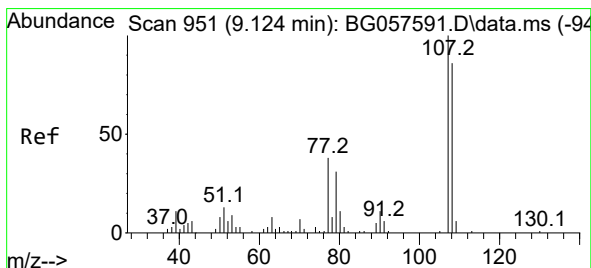
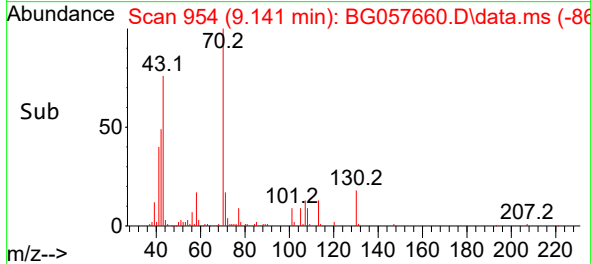
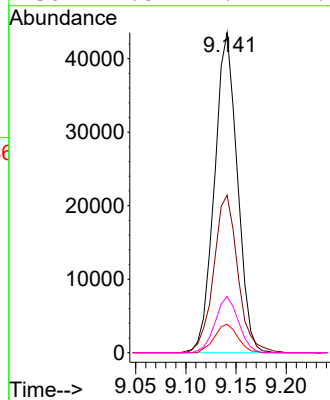
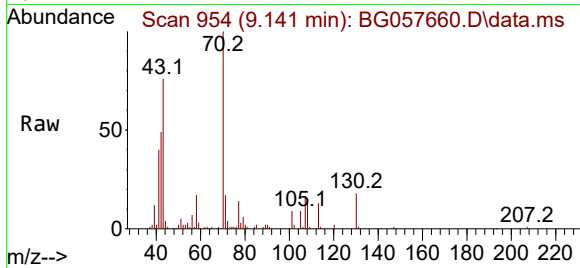
Ion Ratio Lower Upper

70 100

42 49.2 41.4 62.0

101 8.9 6.9 10.3

130 17.6 14.9 22.3



#20

3+4-Methylphenols

Concen: 49.682 ng

RT: 9.112 min Scan# 949

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Tgt Ion: 107 Resp: 103465

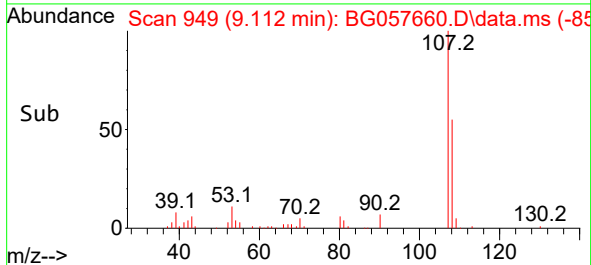
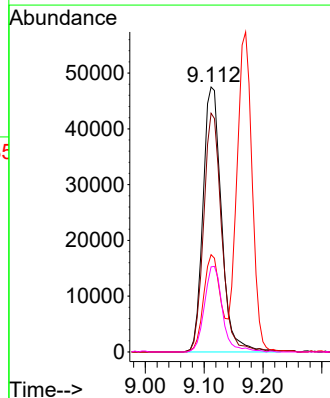
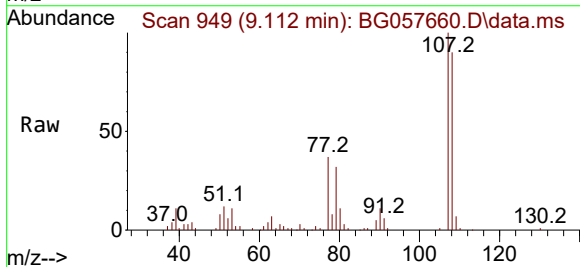
Ion Ratio Lower Upper

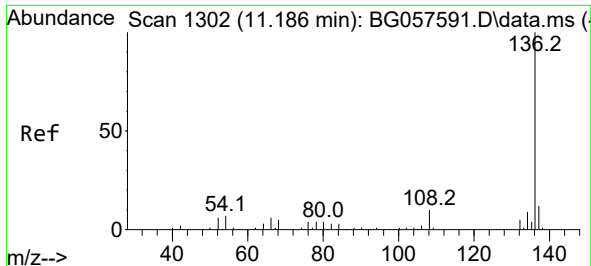
107 100

108 90.1 65.6 105.6

77 36.7 18.0 58.0

79 32.1 11.1 51.1

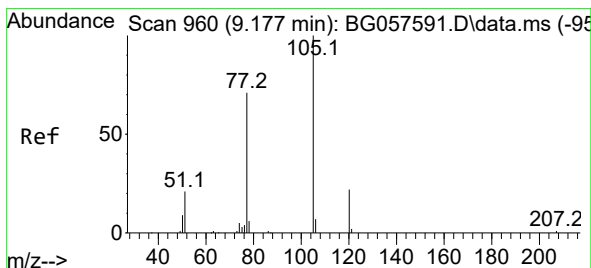
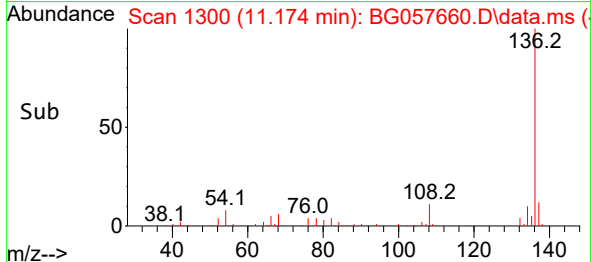
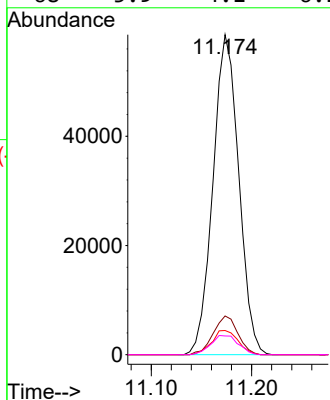
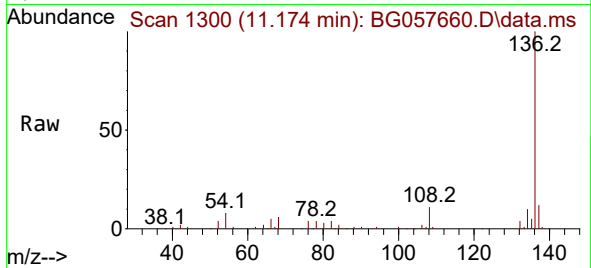




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.174 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

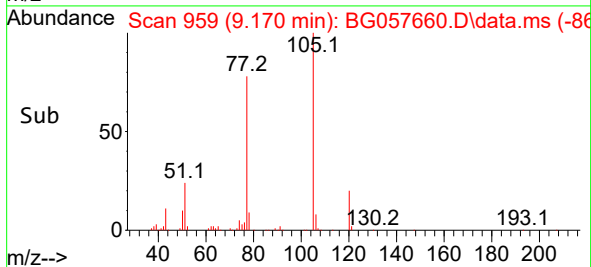
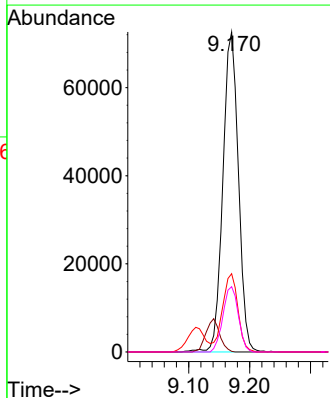
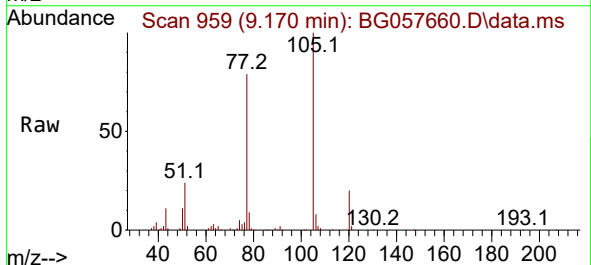
Instrument :
BNA_G
ClientSampleId :
PB153141BS

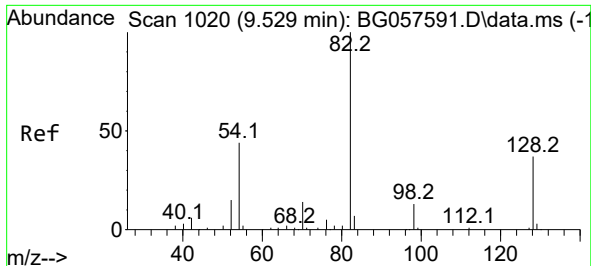
Tgt Ion:136 Resp: 104439
Ion Ratio Lower Upper
136 100
137 12.1 9.8 14.8
54 7.6 5.8 8.6
68 5.9 4.1 6.1



#22
Acetophenone
Concen: 45.928 ng
RT: 9.170 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:105 Resp: 128262
Ion Ratio Lower Upper
105 100
71 0.2 0.0 0.0#
51 24.4 20.7 31.1
120 20.4 17.9 26.9

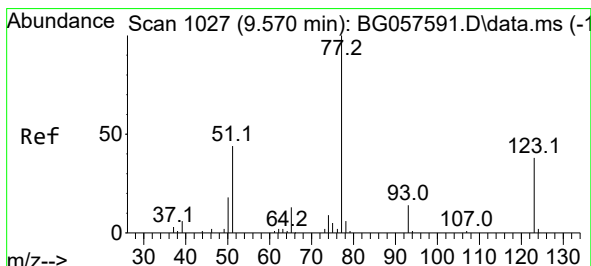
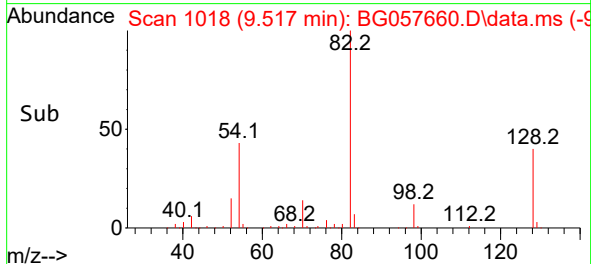
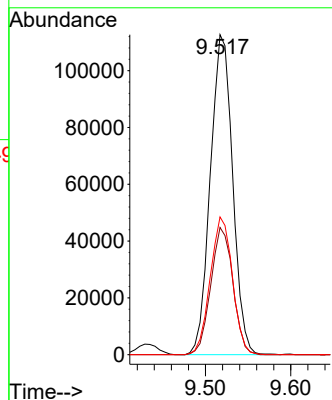
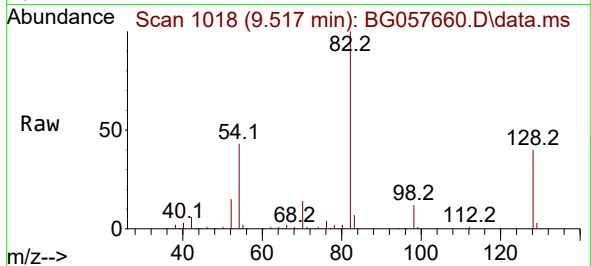




#23
Nitrobenzene-d5
Concen: 91.567 ng
RT: 9.517 min Scan# 1018
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

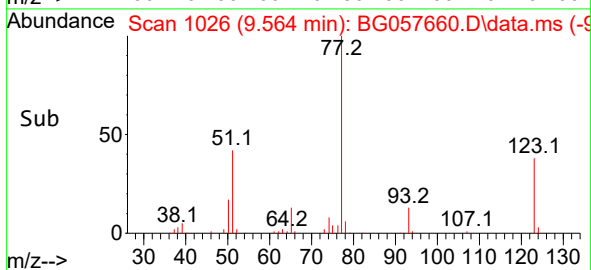
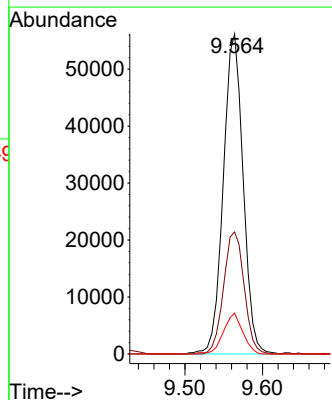
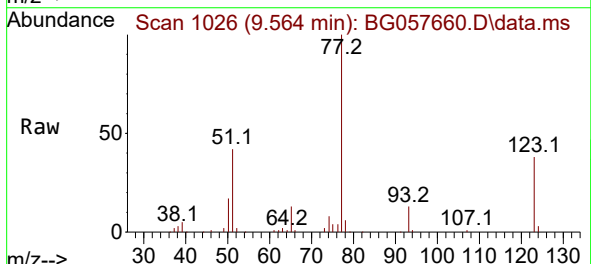
Instrument :
BNA_G
ClientSampleId :
PB153141BS

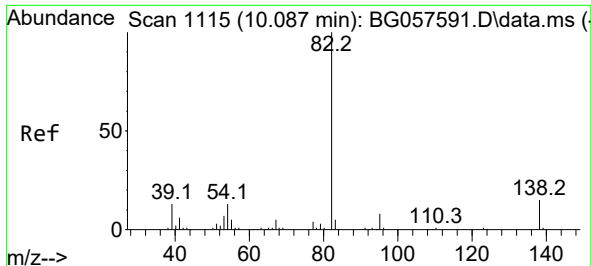
Tgt Ion: 82 Resp: 204577
Ion Ratio Lower Upper
82 100
128 39.7 30.0 45.0
54 43.1 35.2 52.8



#24
Nitrobenzene
Concen: 44.094 ng
RT: 9.564 min Scan# 1026
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion: 77 Resp: 100000
Ion Ratio Lower Upper
77 100
123 38.1 30.6 46.0
65 12.7 10.2 15.4

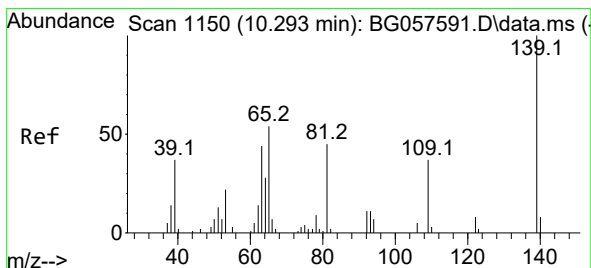
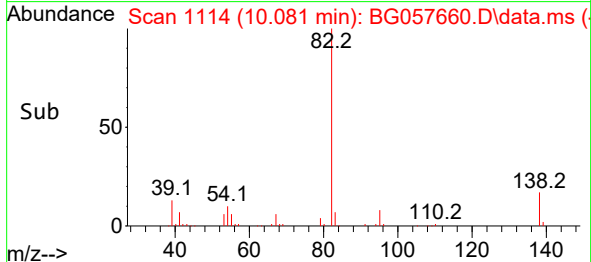
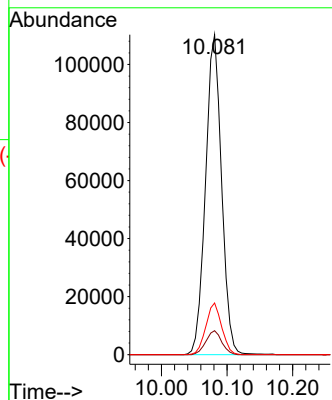
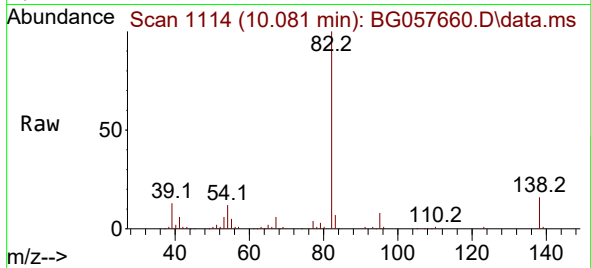




#25
Isophorone
Concen: 42.770 ng
RT: 10.081 min Scan# 1115
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

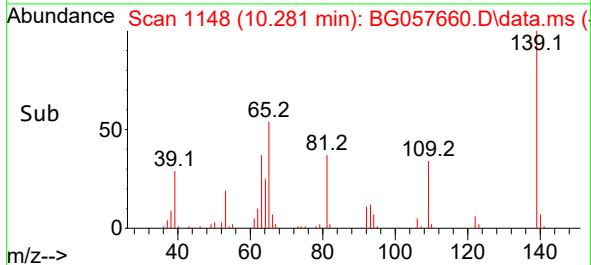
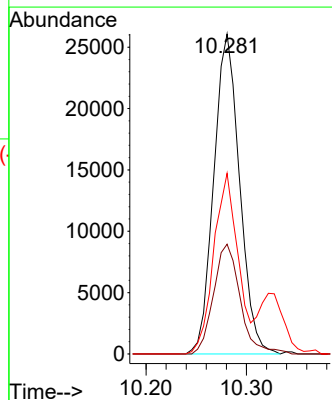
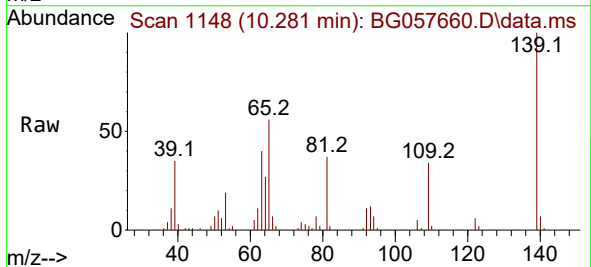
Instrument :
BNA_G
ClientSampleId :
PB153141BS

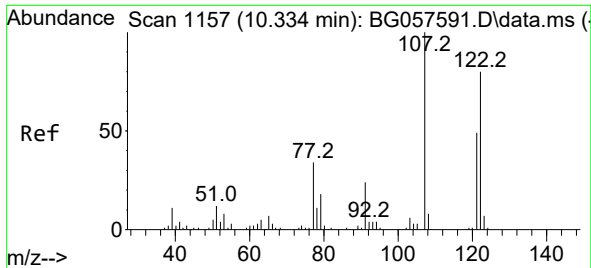
Tgt Ion: 82 Resp: 187817
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 16.1 12.0 18.0



#26
2-Nitrophenol
Concen: 47.892 ng
RT: 10.281 min Scan# 1148
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:139 Resp: 46569
Ion Ratio Lower Upper
139 100
109 34.3 29.5 44.3
65 56.5 43.0 64.6

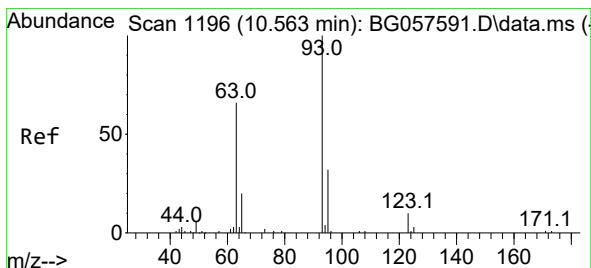
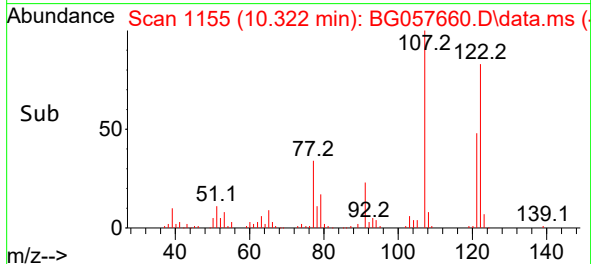
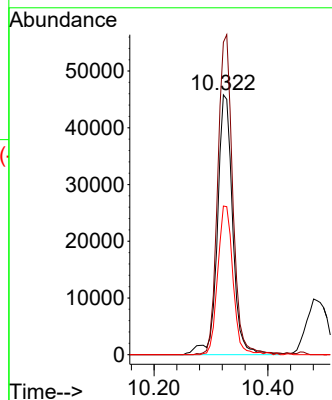
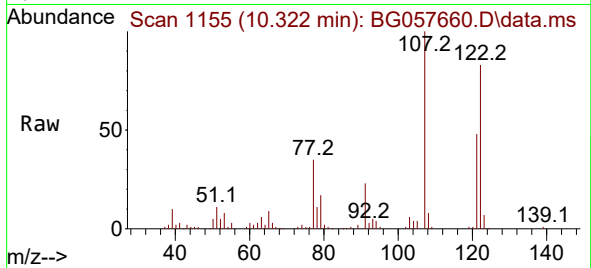




#27
2,4-Dimethylphenol
Concen: 50.617 ng
RT: 10.322 min Scan# 1155
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

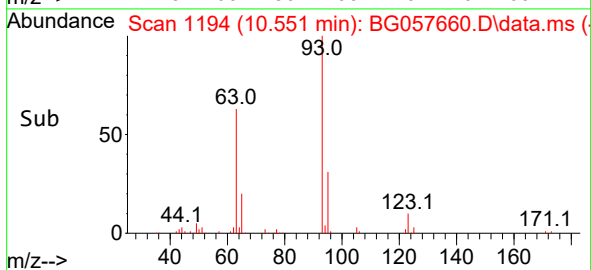
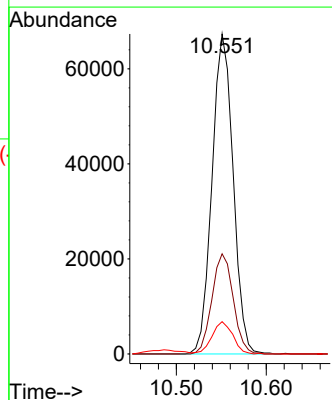
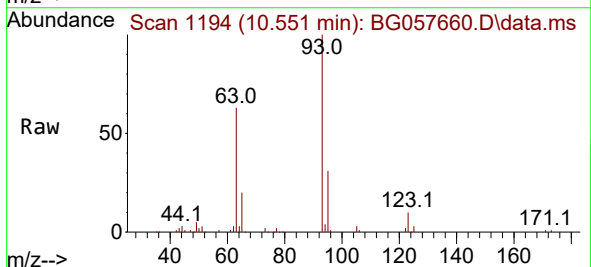
Instrument :
BNA_G
ClientSampleId :
PB153141BS

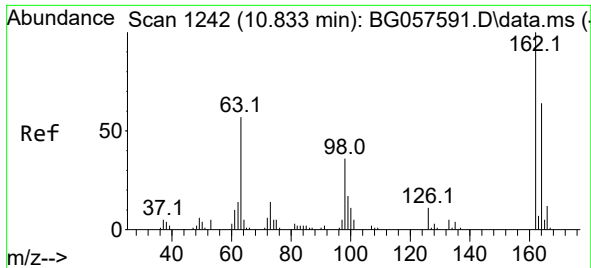
Tgt Ion:122 Resp: 85094
Ion Ratio Lower Upper
122 100
107 120.3 99.4 149.2
121 57.2 48.4 72.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.164 ng
RT: 10.551 min Scan# 1194
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion: 93 Resp: 109673
Ion Ratio Lower Upper
93 100
95 31.3 25.3 37.9
123 10.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 49.514 ng

RT: 10.827 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

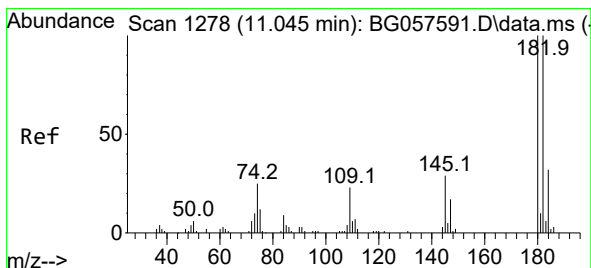
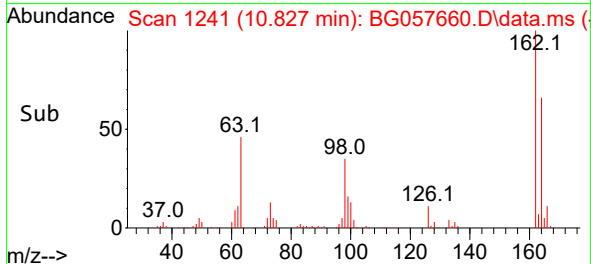
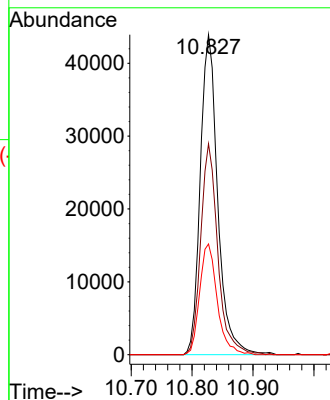
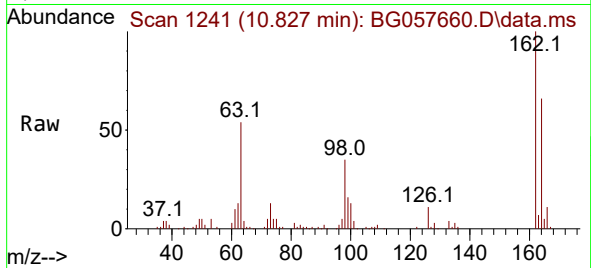
Tgt Ion:162 Resp: 87426

Ion Ratio Lower Upper

162 100

164 65.9 44.1 84.1

98 34.6 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 46.550 ng

RT: 11.033 min Scan# 1276

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

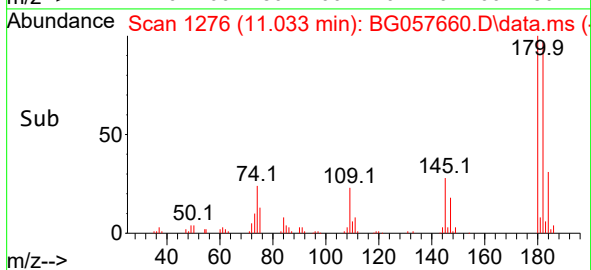
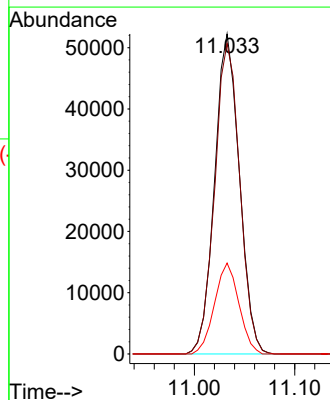
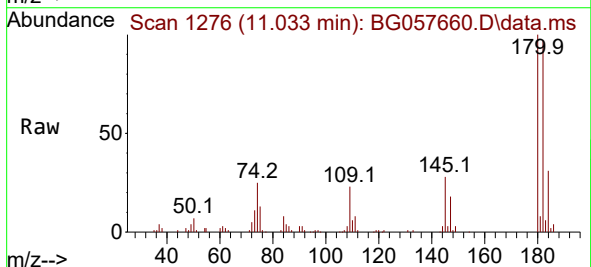
Tgt Ion:180 Resp: 89579

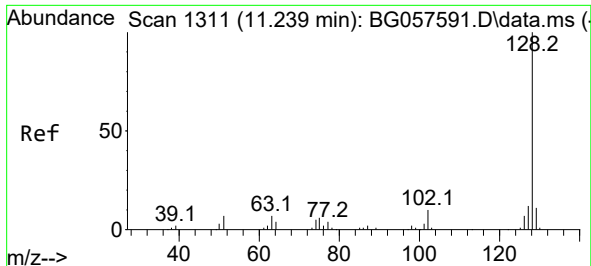
Ion Ratio Lower Upper

180 100

182 97.1 80.2 120.2

145 28.4 23.1 34.7

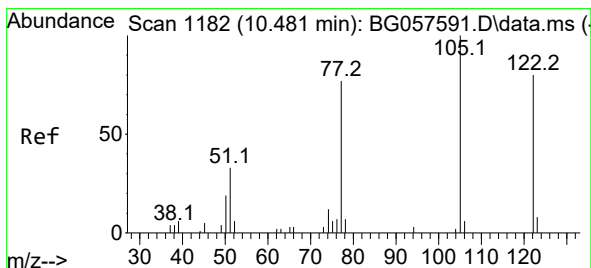
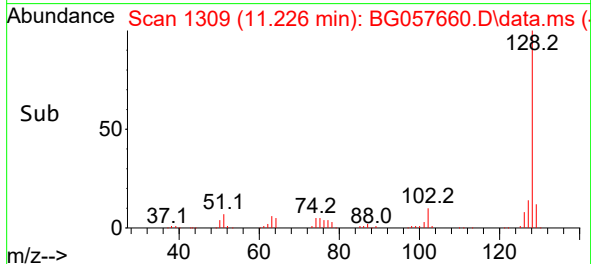
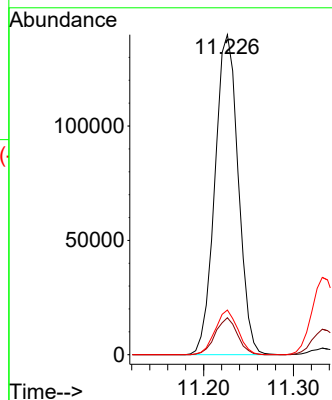
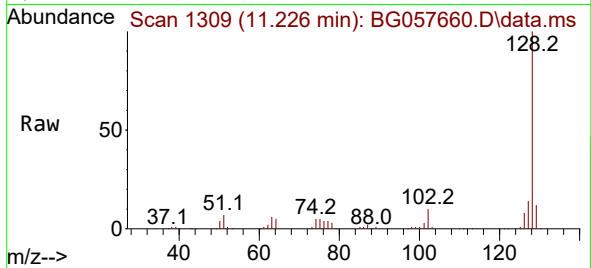




#31
Naphthalene
Concen: 45.723 ng
RT: 11.226 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

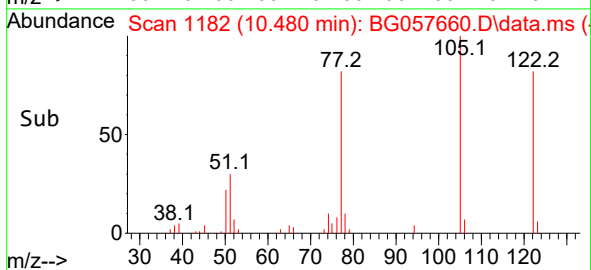
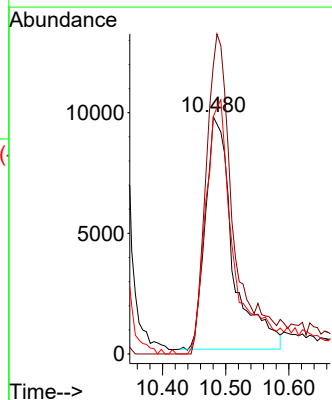
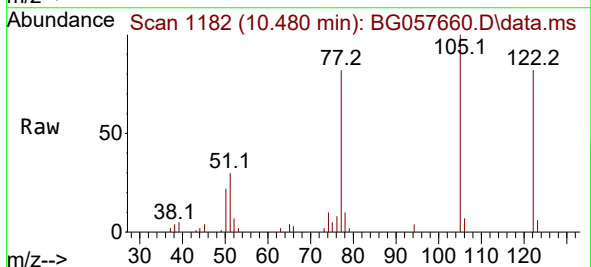
Instrument :
BNA_G
ClientSampleId :
PB153141BS

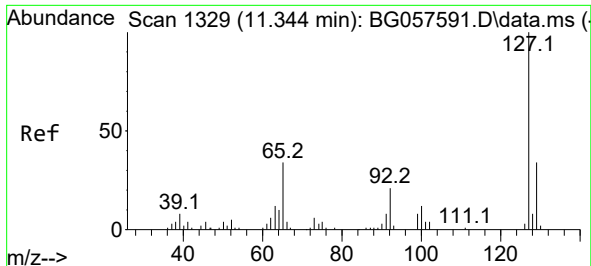
Tgt Ion:128 Resp: 252608
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.0 9.8 14.8



#32
Benzoic acid
Concen: 32.400 ng
RT: 10.480 min Scan# 1182
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:122 Resp: 29305
Ion Ratio Lower Upper
122 100
105 121.7 104.8 144.8
77 100.0 75.8 115.8

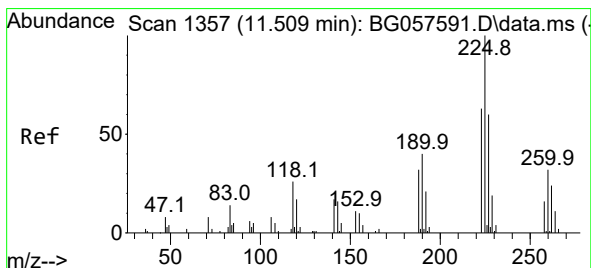
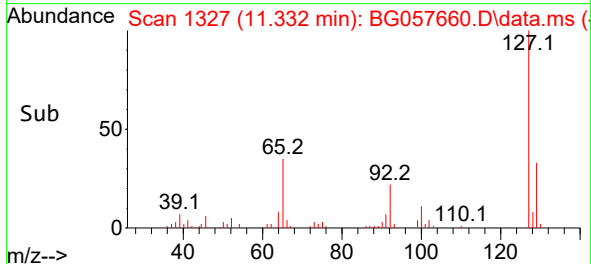
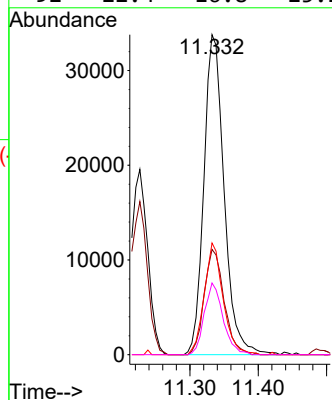
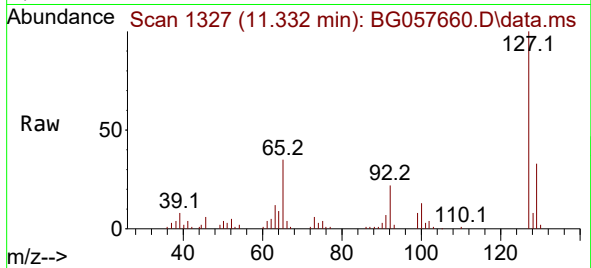




#33
4-Chloroaniline
Concen: 27.501 ng
RT: 11.332 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

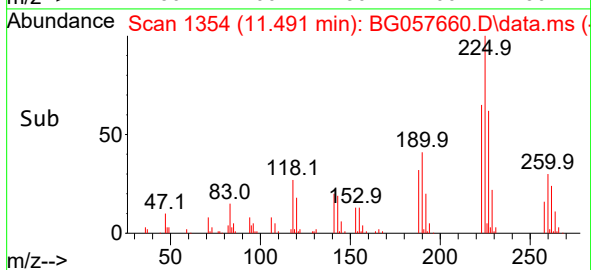
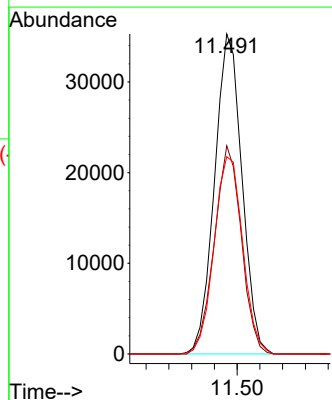
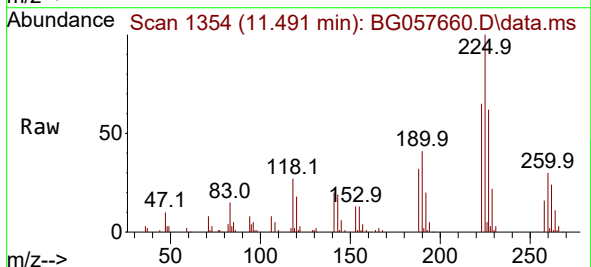
Instrument :
BNA_G
ClientSampleId :
PB153141BS

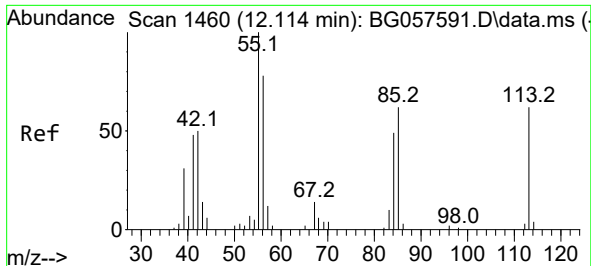
Tgt Ion:127	Resp:	69869
Ion	Ratio	Lower Upper
127	100	
129	32.9	26.9 40.3
65	34.9	27.3 40.9
92	22.4	16.8 25.2



#34
Hexachlorobutadiene
Concen: 44.303 ng
RT: 11.491 min Scan# 1354
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:225	Resp:	58968
Ion	Ratio	Lower Upper
225	100	
223	65.0	50.1 75.1
227	61.7	47.9 71.9

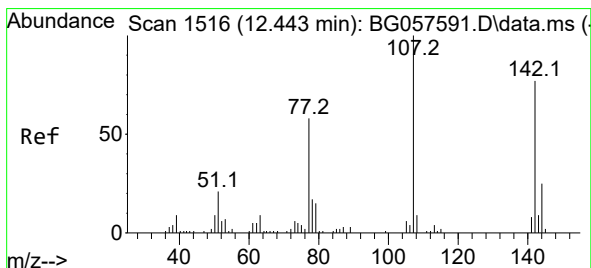
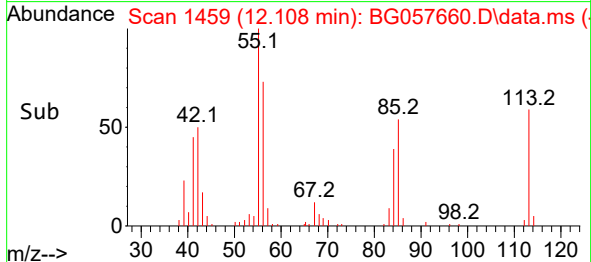
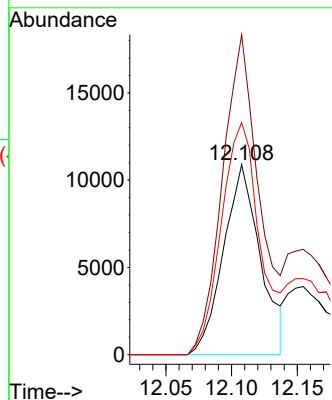
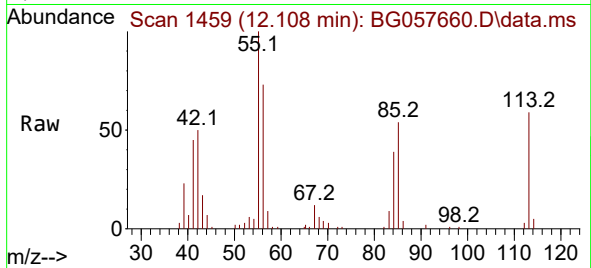




#35
Caprolactam
Concen: 29.053 ng
RT: 12.108 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

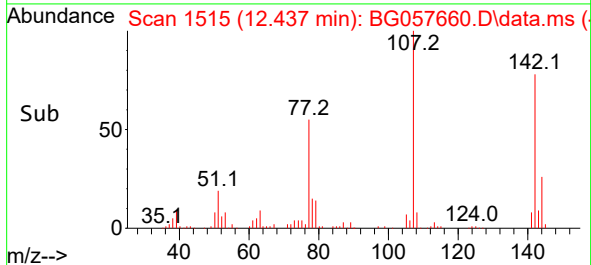
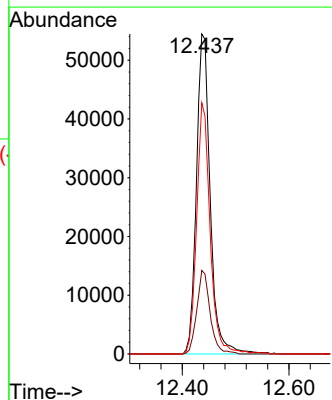
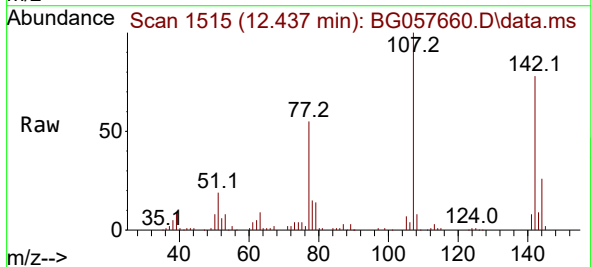
Instrument :
BNA_G
ClientSampleId :
PB153141BS

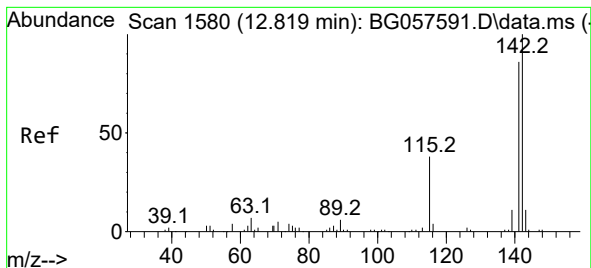
Tgt Ion:113 Resp: 21266
Ion Ratio Lower Upper
113 100
55 168.3 140.9 180.9
56 122.1 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 46.839 ng
RT: 12.437 min Scan# 1515
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:107 Resp: 97894
Ion Ratio Lower Upper
107 100
144 26.1 19.7 29.5
142 78.5 61.6 92.4





#37

2-Methylnaphthalene

Concen: 43.216 ng

RT: 12.807 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

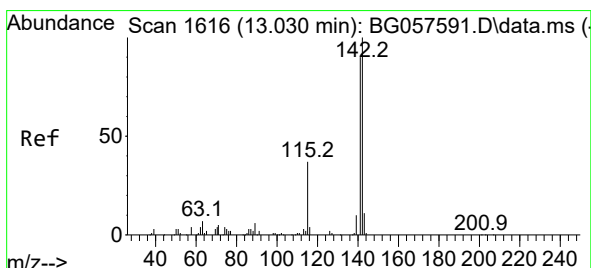
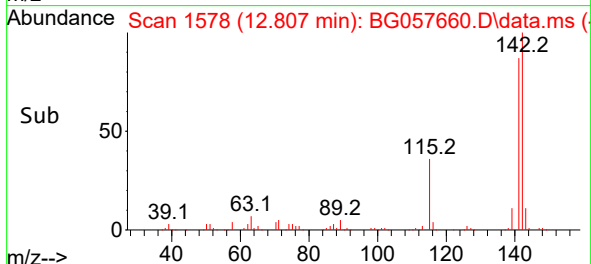
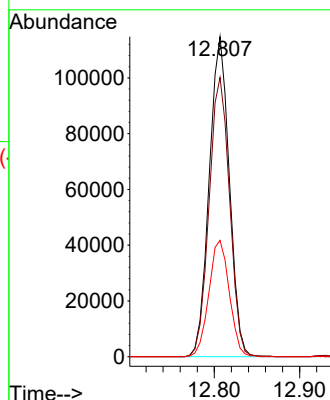
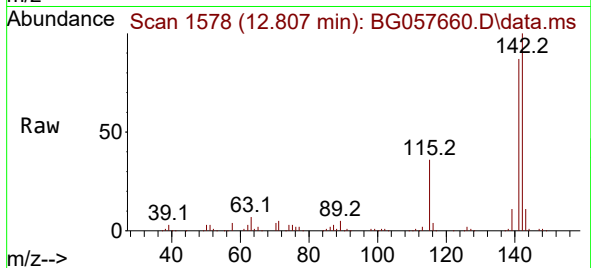
Tgt Ion:142 Resp: 187390

Ion Ratio Lower Upper

142 100

141 87.3 68.6 103.0

115 36.3 30.4 45.6



#38

1-Methylnaphthalene

Concen: 42.649 ng

RT: 13.024 min Scan# 1615

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

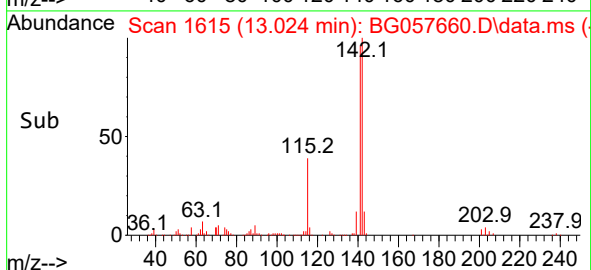
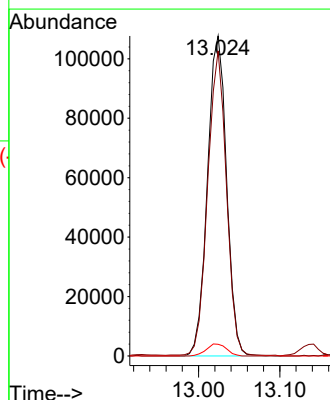
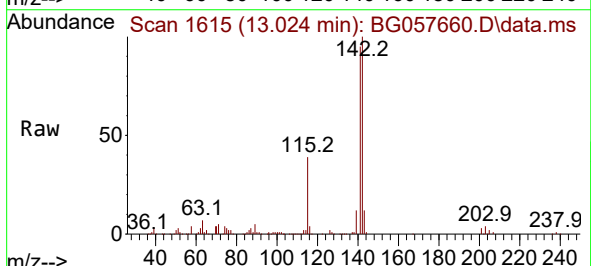
Tgt Ion:142 Resp: 176477

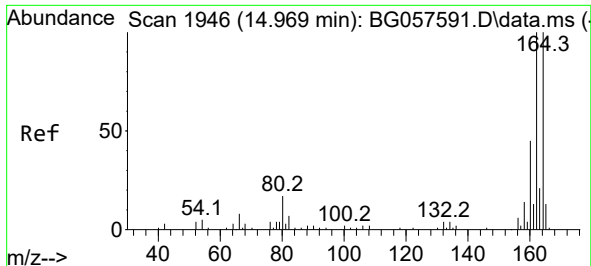
Ion Ratio Lower Upper

142 100

141 95.4 72.1 108.1

116 3.7 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.957 min Scan# 1944

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

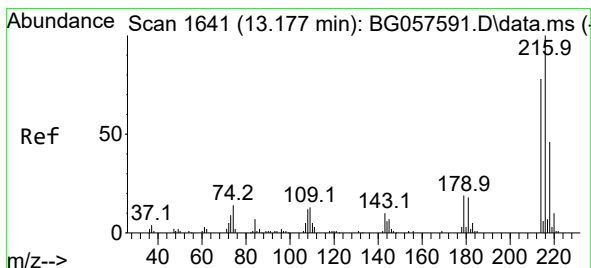
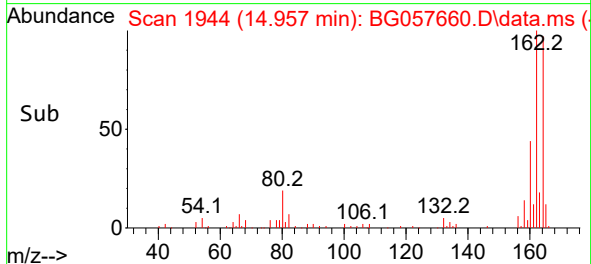
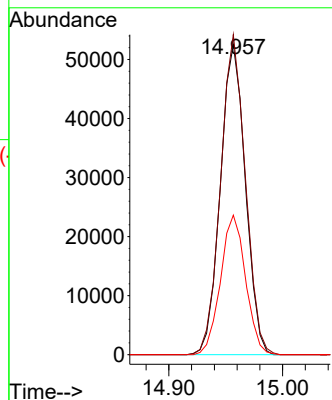
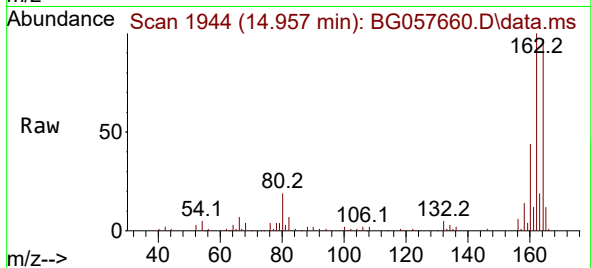
Tgt Ion:164 Resp: 80117

Ion Ratio Lower Upper

164 100

162 103.1 80.1 120.1

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.975 ng

RT: 13.171 min Scan# 1640

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Tgt Ion:216 Resp: 120900

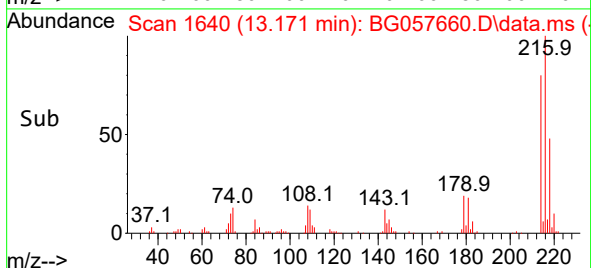
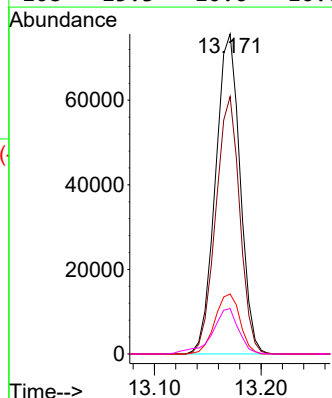
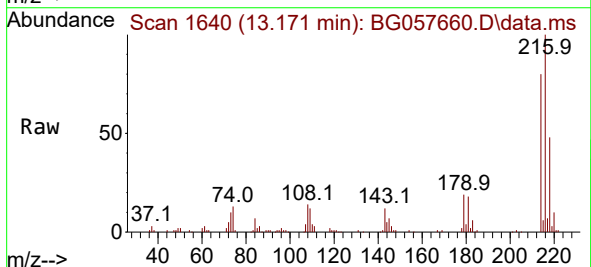
Ion Ratio Lower Upper

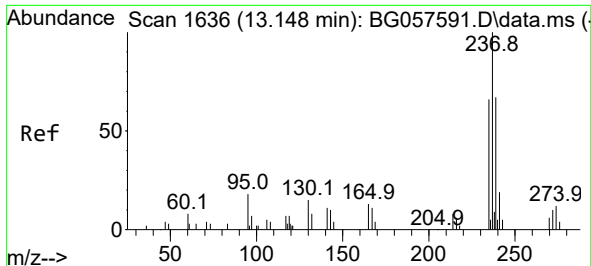
216 100

214 78.5 63.0 94.6

179 19.1 15.0 22.6

108 15.3 10.6 16.0

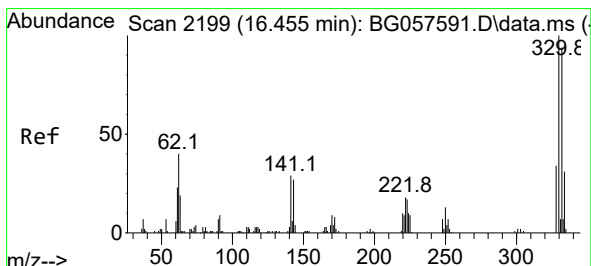
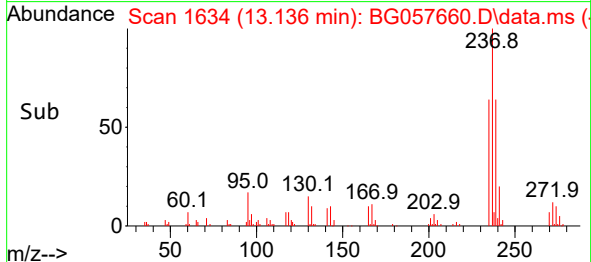
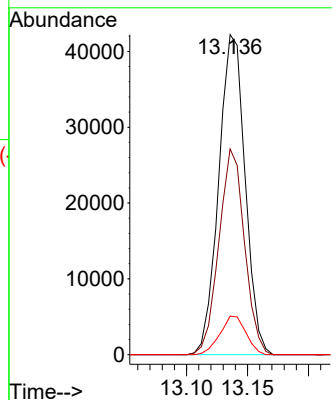
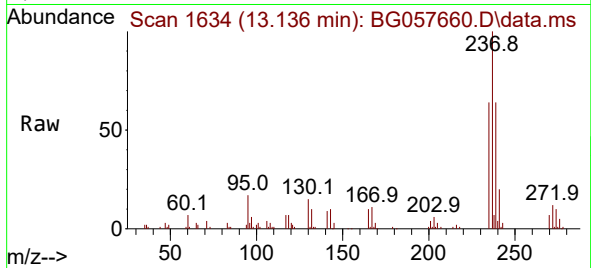




#41
Hexachlorocyclopentadiene
Concen: 88.959 ng
RT: 13.136 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

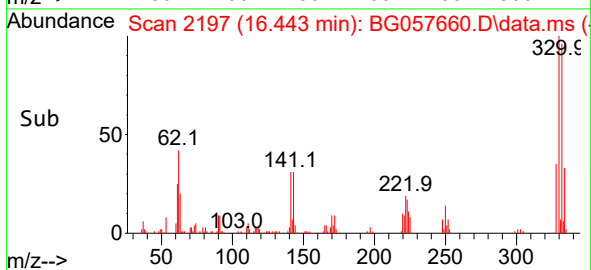
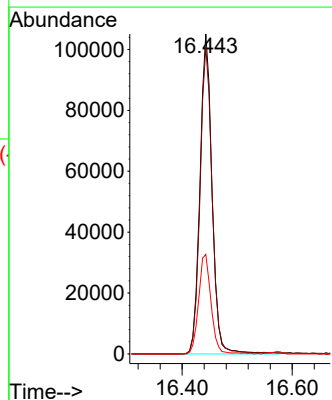
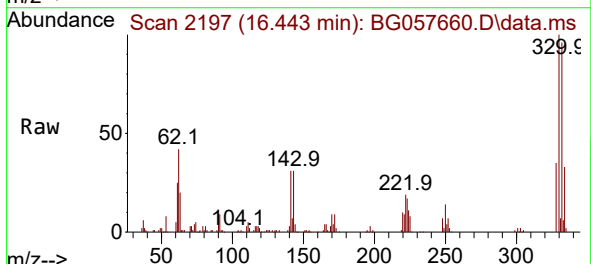
Instrument :
BNA_G
ClientSampleId :
PB153141BS

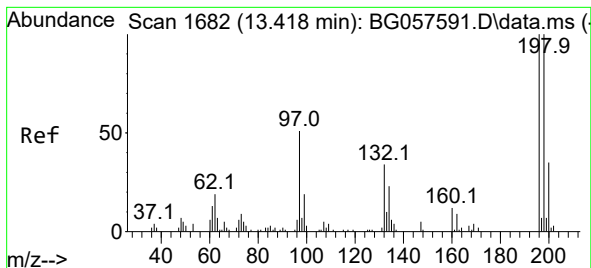
Tgt Ion:237 Resp: 63535
Ion Ratio Lower Upper
237 100
235 64.3 45.7 85.7
272 12.0 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 124.985 ng
RT: 16.443 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:330 Resp: 160318
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 32.0 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 45.514 ng

RT: 13.406 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

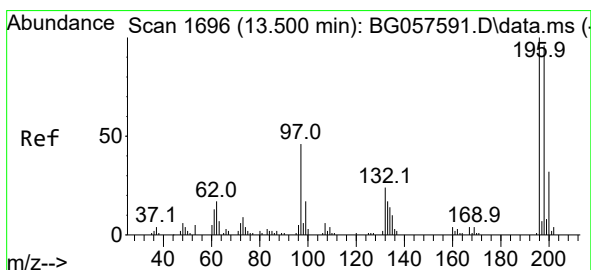
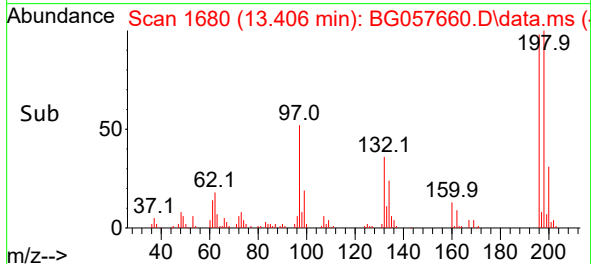
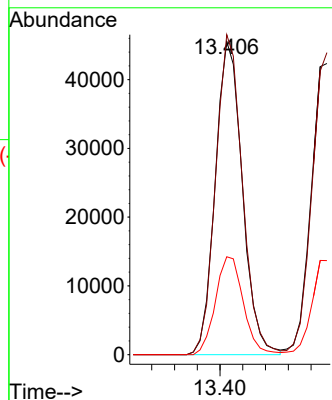
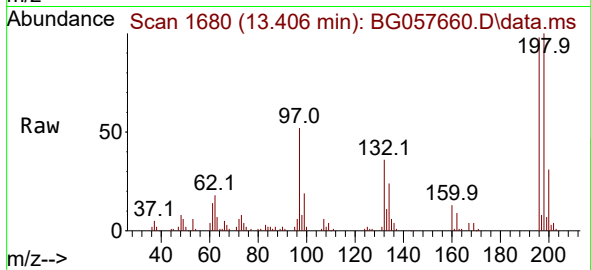
Tgt Ion:196 Resp: 75351

Ion Ratio Lower Upper

196 100

198 102.1 79.6 119.4

200 31.3 28.2 42.2



#44

2,4,5-Trichlorophenol

Concen: 40.964 ng

RT: 13.494 min Scan# 1695

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Tgt Ion:196 Resp: 80772

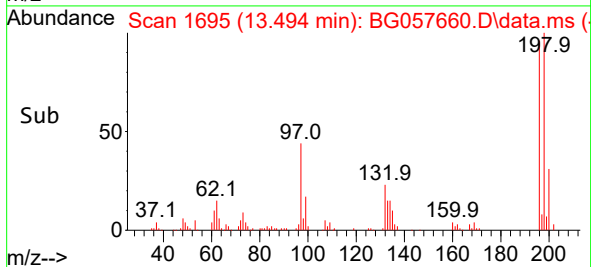
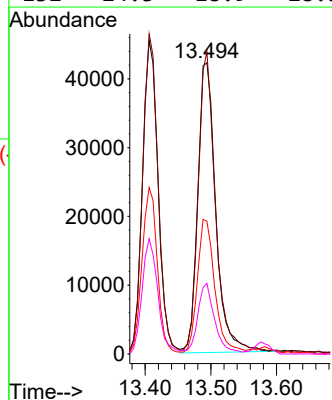
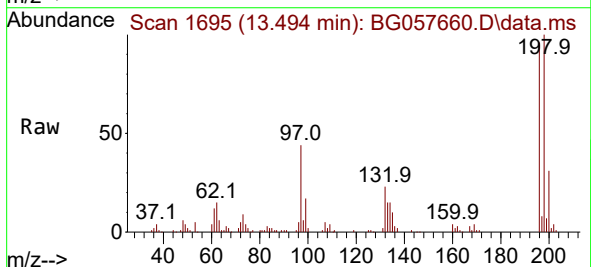
Ion Ratio Lower Upper

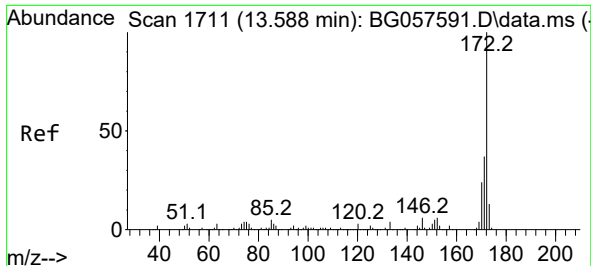
196 100

198 103.7 76.9 115.3

97 45.6 36.6 55.0

132 24.3 18.9 28.3

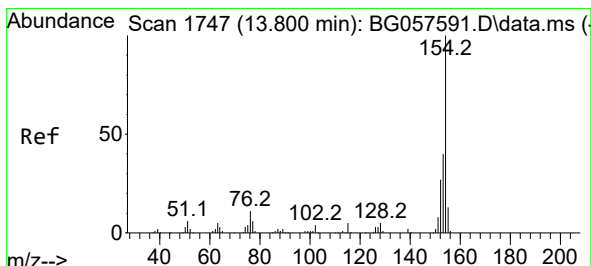
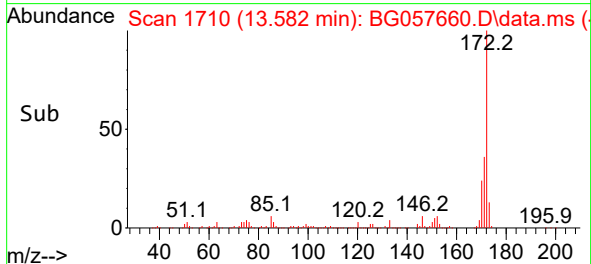
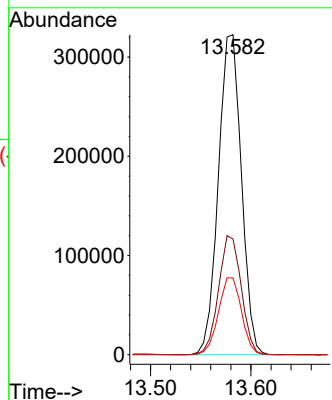
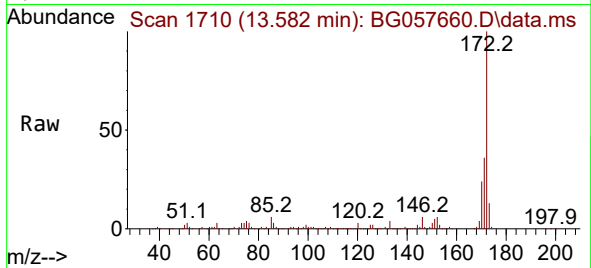




#45
2-Fluorobiphenyl
Concen: 92.073 ng
RT: 13.582 min Scan# 1711
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

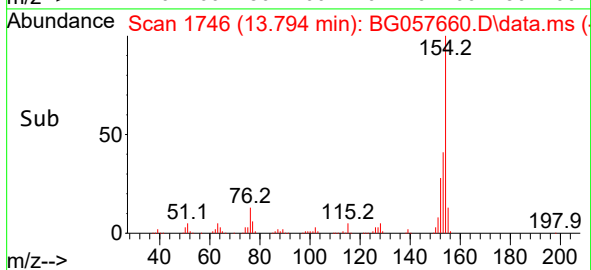
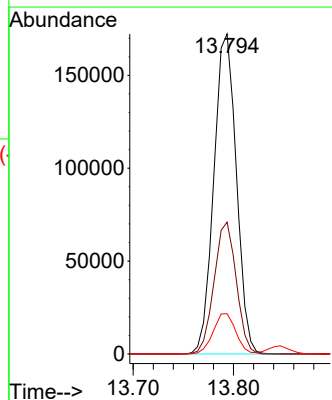
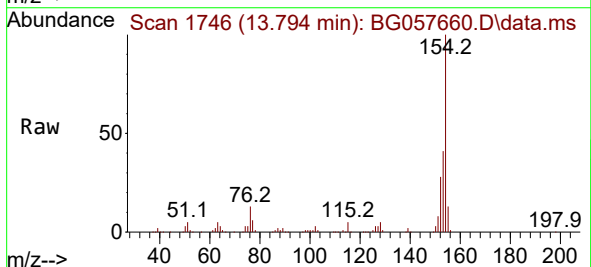
Instrument :
BNA_G
ClientSampleId :
PB153141BS

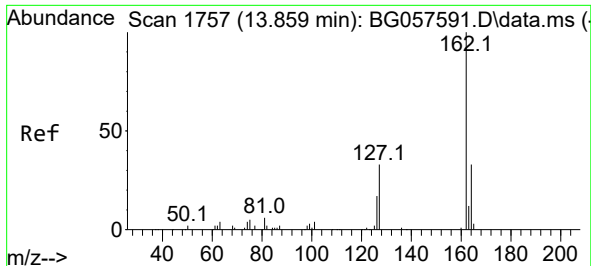
Tgt Ion:172 Resp: 513292
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.823 ng
RT: 13.794 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:154 Resp: 268112
Ion Ratio Lower Upper
154 100
153 41.2 19.6 59.6
76 12.6 0.0 30.9





#47

2-Chloronaphthalene

Concen: 46.872 ng

RT: 13.846 min Scan# 1755

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

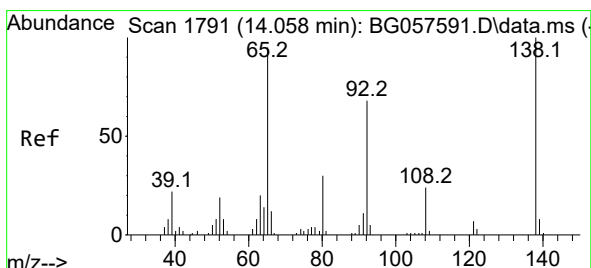
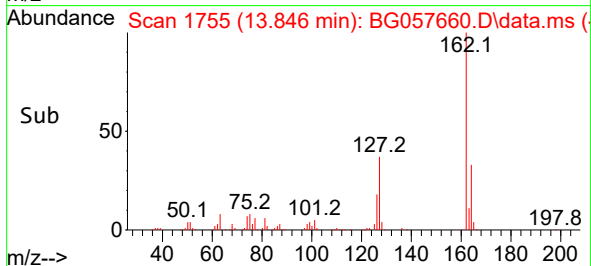
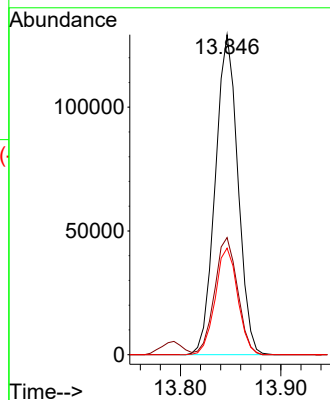
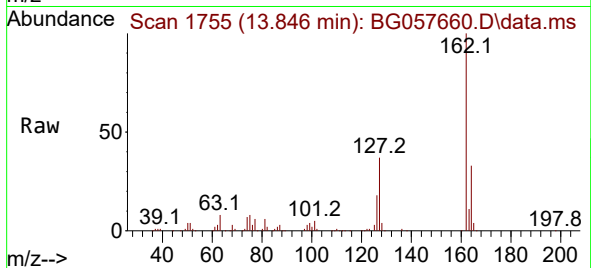
Tgt Ion:162 Resp: 202160

Ion Ratio Lower Upper

162 100

127 36.6 28.2 42.2

164 33.3 26.1 39.1



#48

2-Nitroaniline

Concen: 44.487 ng

RT: 14.046 min Scan# 1789

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

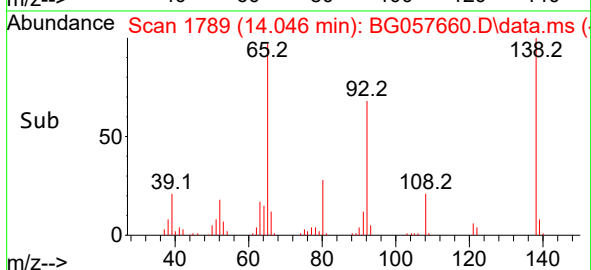
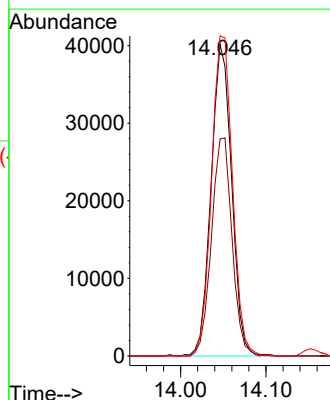
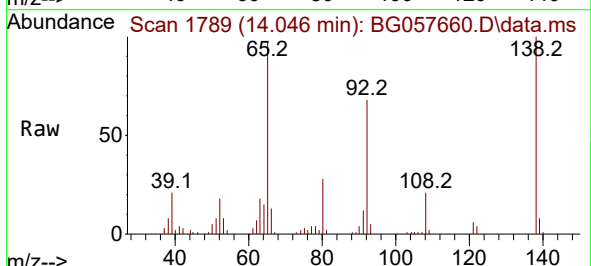
Tgt Ion: 65 Resp: 67210

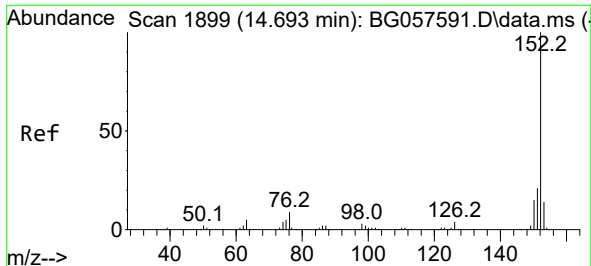
Ion Ratio Lower Upper

65 100

92 69.6 57.3 85.9

138 102.6 84.6 127.0

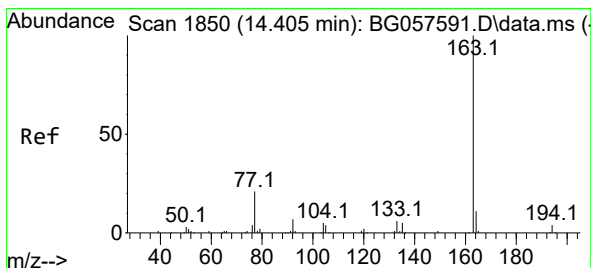
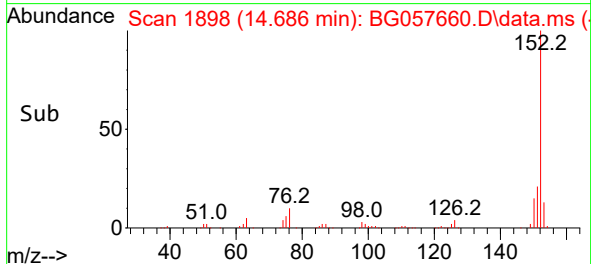
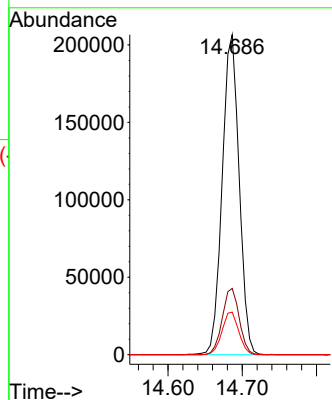
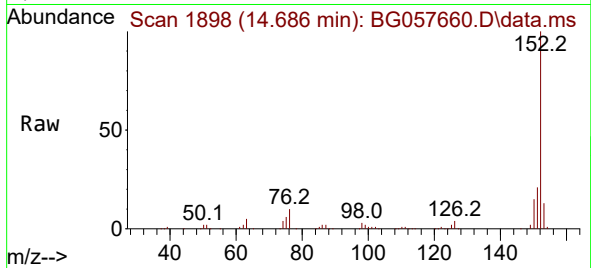




#49
Acenaphthylene
Concen: 44.835 ng
RT: 14.686 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

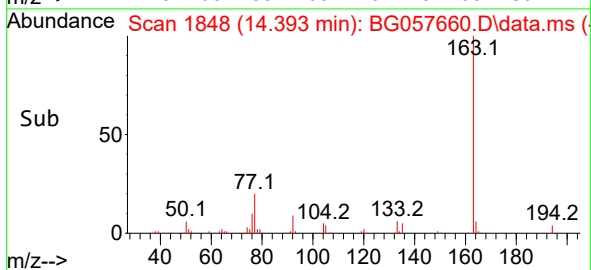
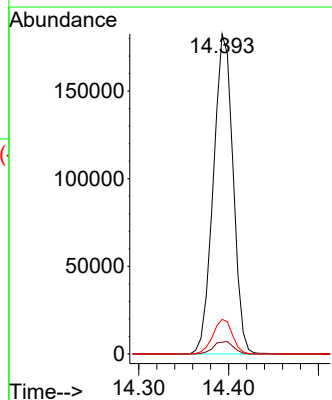
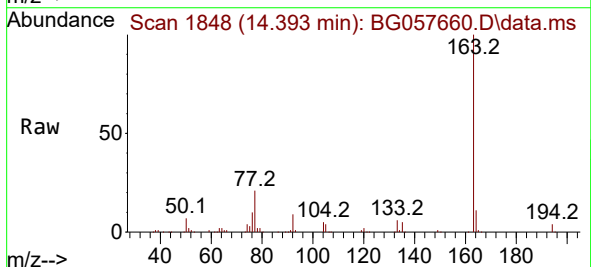
Instrument :
BNA_G
ClientSampleId :
PB153141BS

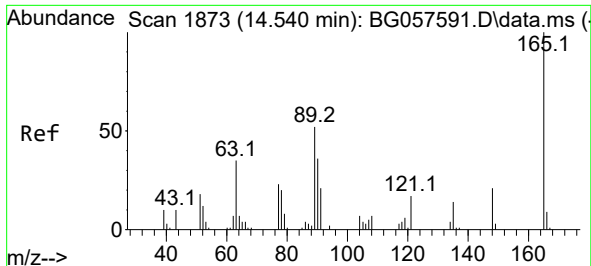
Tgt Ion:152 Resp: 327452
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 13.3 11.0 16.4



#50
Dimethylphthalate
Concen: 42.126 ng
RT: 14.393 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:163 Resp: 278167
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.8 8.5 12.7

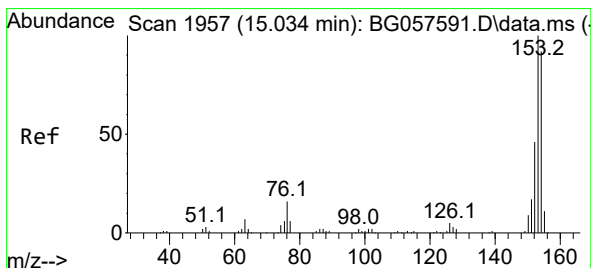
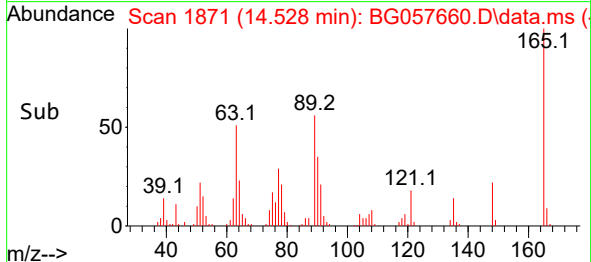
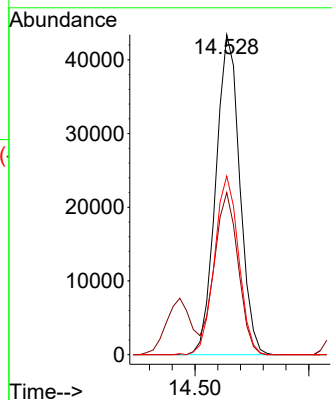
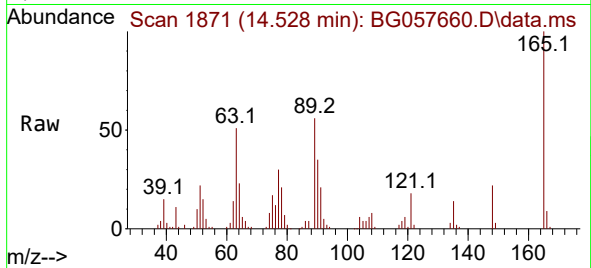




#51
2,6-Dinitrotoluene
Concen: 44.884 ng
RT: 14.528 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

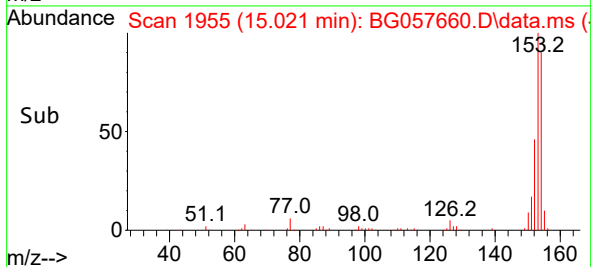
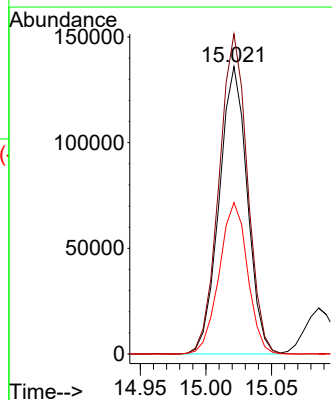
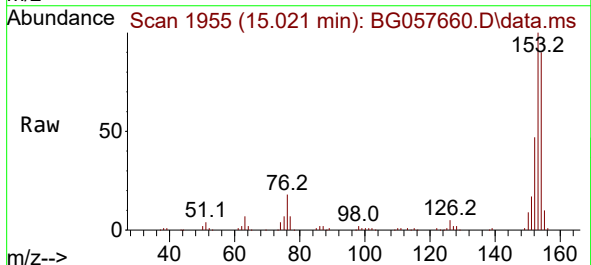
Instrument :
BNA_G
ClientSampleId :
PB153141BS

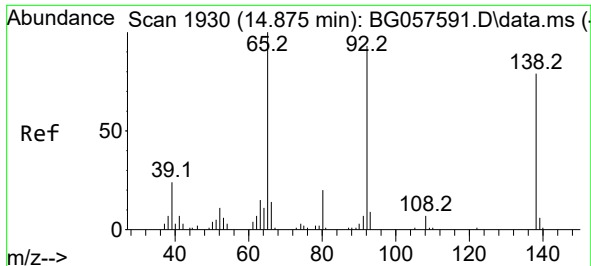
Tgt Ion:165 Resp: 63443
Ion Ratio Lower Upper
165 100
63 50.6 39.3 58.9
89 55.9 41.5 62.3



#52
Acenaphthene
Concen: 45.279 ng
RT: 15.021 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:154 Resp: 202352
Ion Ratio Lower Upper
154 100
153 111.3 87.4 131.0
152 52.7 40.2 60.4

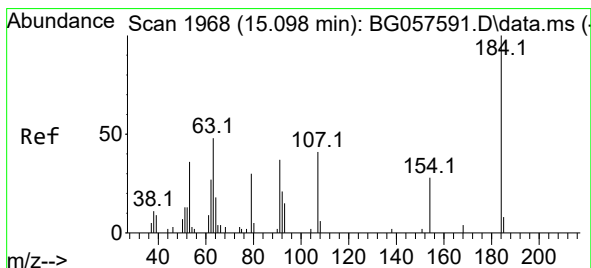
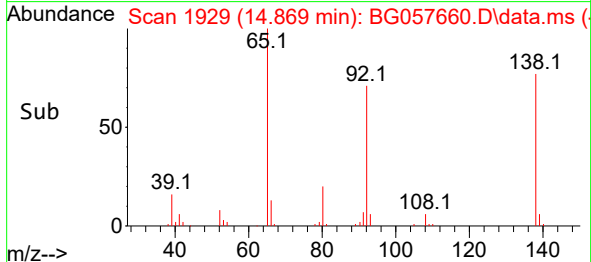
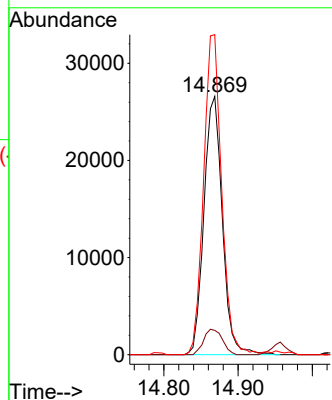
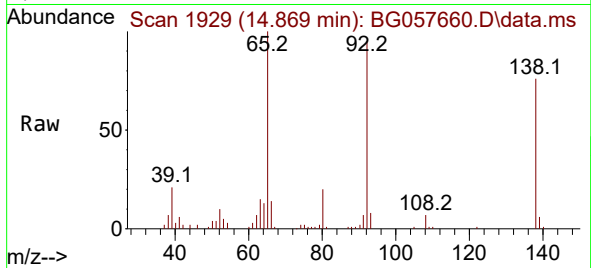




#53
3-Nitroaniline
Concen: 31.097 ng
RT: 14.869 min Scan# 1930
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

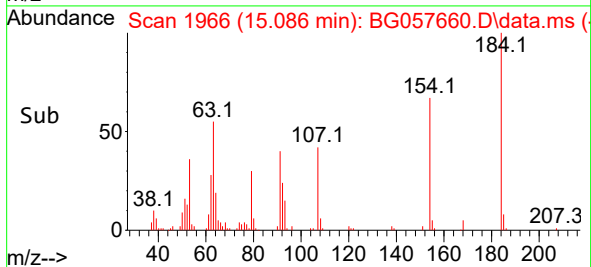
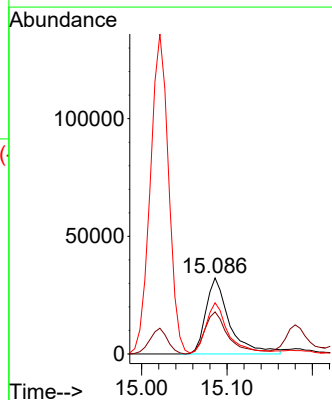
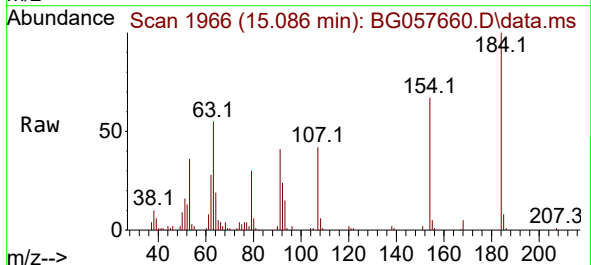
Instrument :
BNA_G
ClientSampleId :
PB153141BS

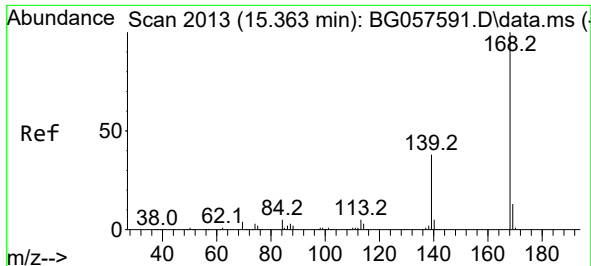
Tgt Ion:138 Resp: 45846
Ion Ratio Lower Upper
138 100
108 9.4 7.1 10.7
92 123.9 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 73.850 ng
RT: 15.086 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:184 Resp: 62404
Ion Ratio Lower Upper
184 100
63 55.4 41.4 62.2
154 67.4 52.5 78.7

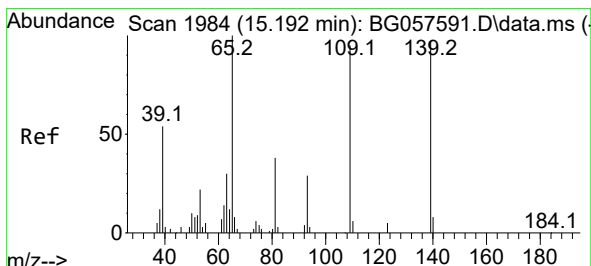
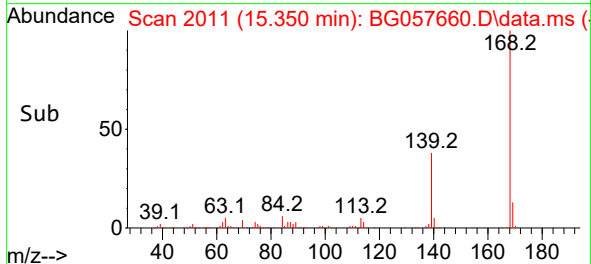
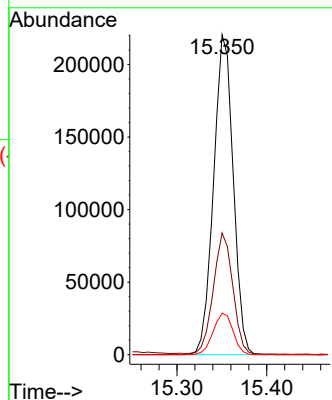
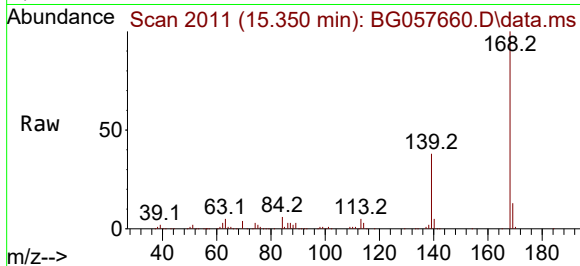




#55
Dibenzofuran
Concen: 43.753 ng
RT: 15.350 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

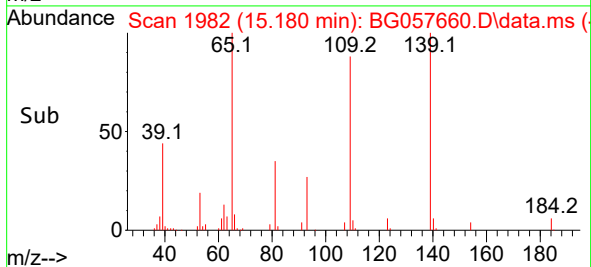
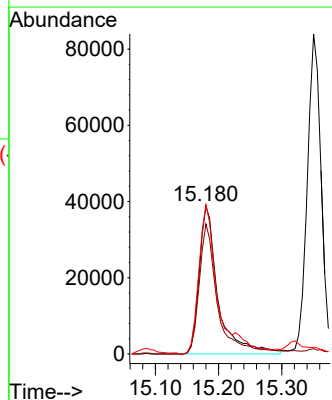
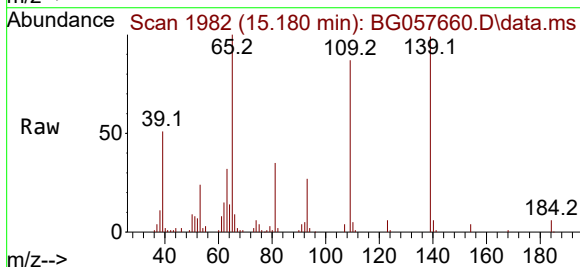
Instrument :
BNA_G
ClientSampleId :
PB153141BS

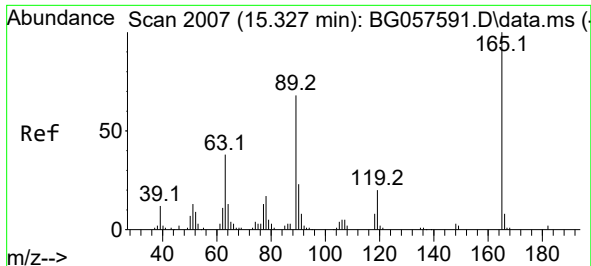
Tgt Ion:168 Resp: 334104
Ion Ratio Lower Upper
168 100
139 38.1 30.6 46.0
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 82.041 ng
RT: 15.180 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:139 Resp: 80589
Ion Ratio Lower Upper
139 100
109 88.0 78.2 118.2
65 101.0 83.2 123.2





#57

2,4-Dinitrotoluene

Concen: 43.659 ng

RT: 15.321 min Scan# 2006

Delta R.T. -0.003 min

Lab File: BG057660.D

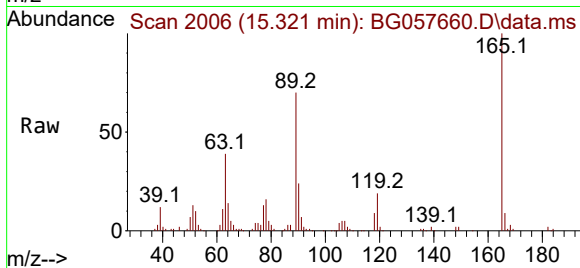
Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS



Tgt Ion:165 Resp: 92400

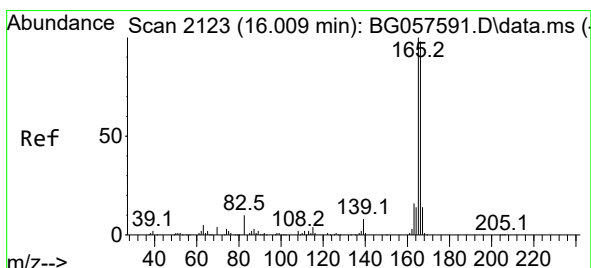
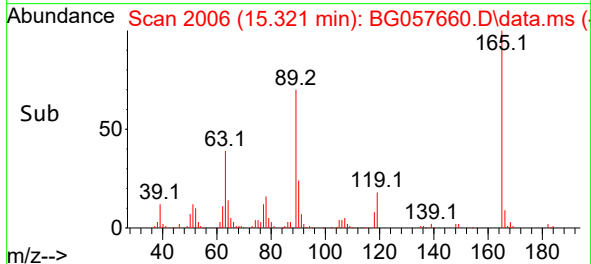
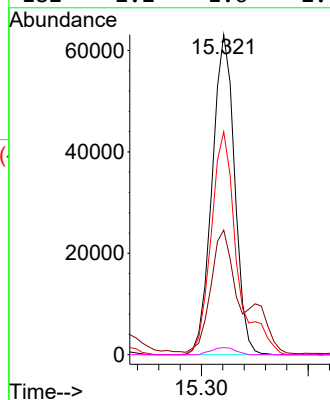
Ion Ratio Lower Upper

165 100

63 38.9 30.6 45.8

89 69.6 54.2 81.2

182 2.2 1.6 2.4



#58

Fluorene

Concen: 43.286 ng

RT: 15.996 min Scan# 2121

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

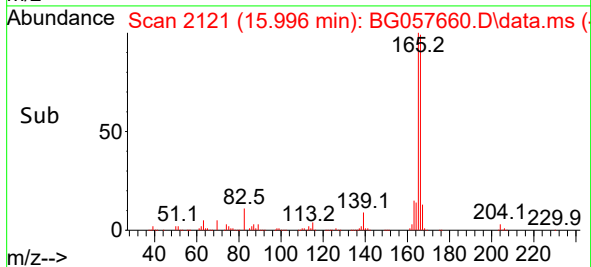
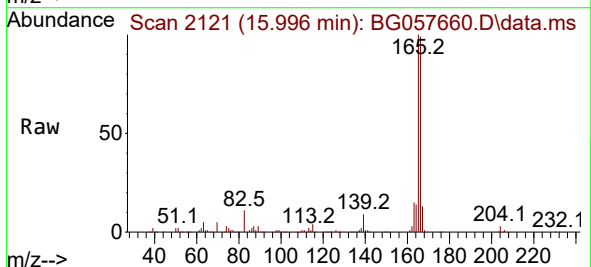
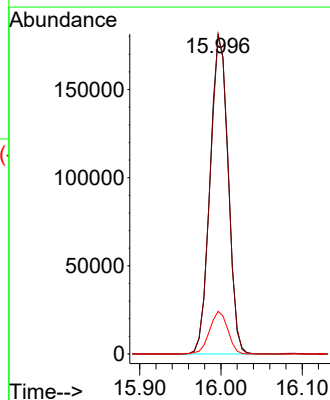
Tgt Ion:166 Resp: 279083

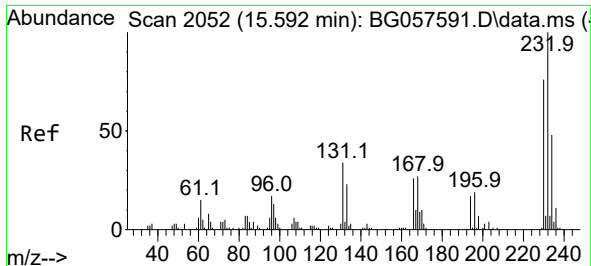
Ion Ratio Lower Upper

166 100

165 100.6 81.2 121.8

167 13.4 11.1 16.7

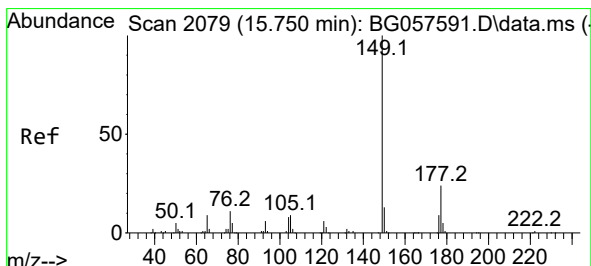
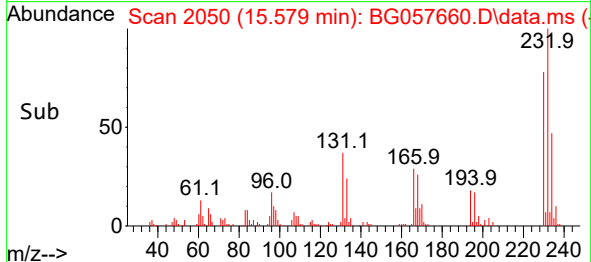
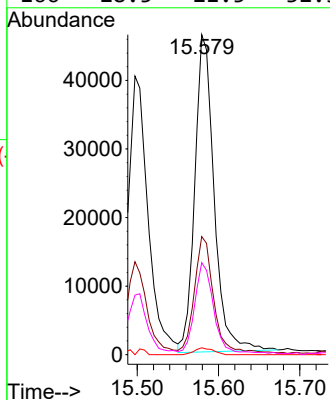
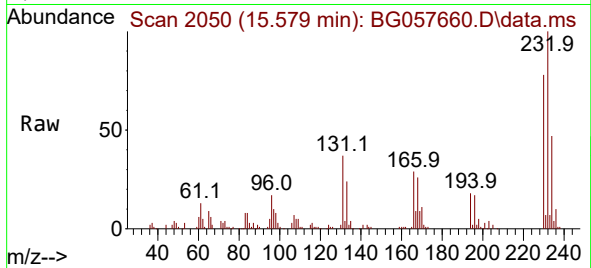




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.416 ng
RT: 15.579 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

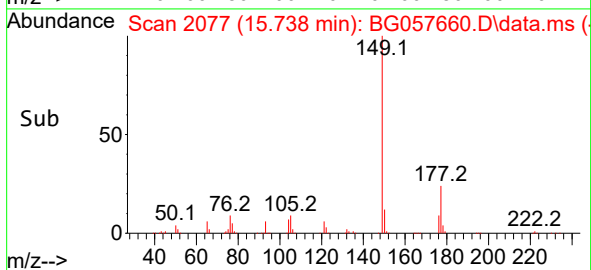
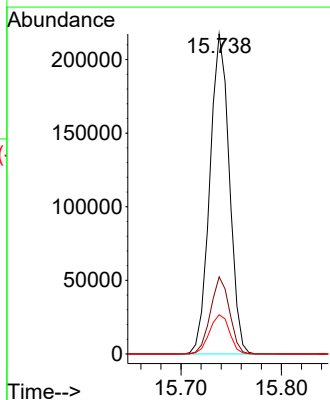
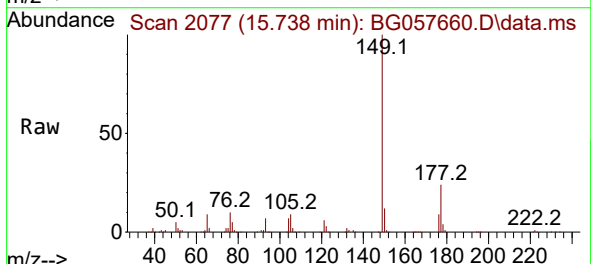
Instrument :
BNA_G
ClientSampleId :
PB153141BS

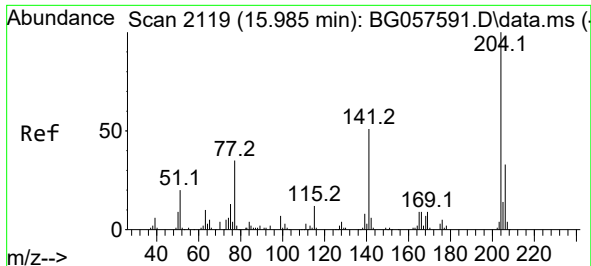
Tgt Ion:232 Resp: 76505
Ion Ratio Lower Upper
232 100
131 37.4 28.6 43.0
130 2.1 1.8 2.6
166 28.5 21.5 32.3



#60
Diethylphthalate
Concen: 42.534 ng
RT: 15.738 min Scan# 2077
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:149 Resp: 293142
Ion Ratio Lower Upper
149 100
177 24.1 19.0 28.6
150 12.3 10.1 15.1

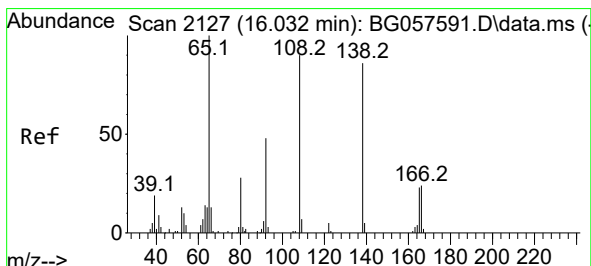
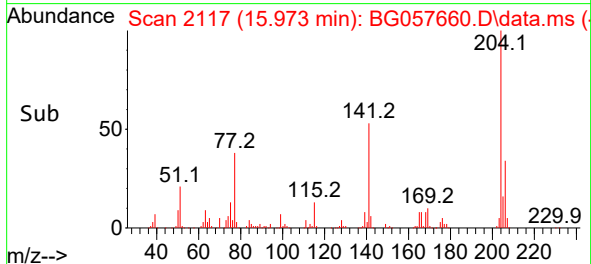
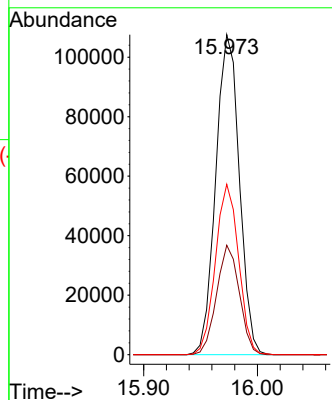
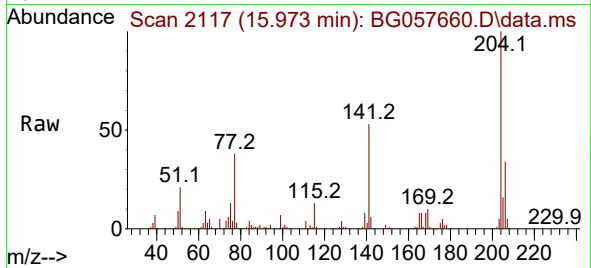




#61
4-Chlorophenyl-phenylether
Concen: 43.184 ng
RT: 15.973 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

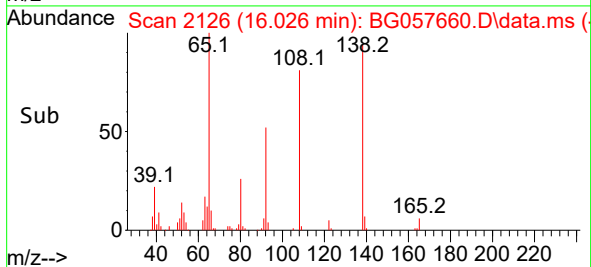
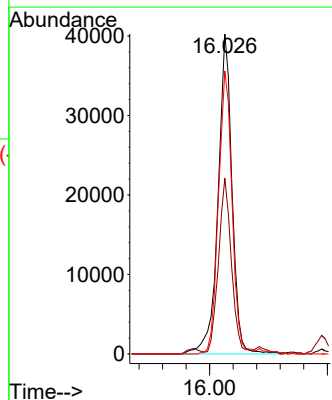
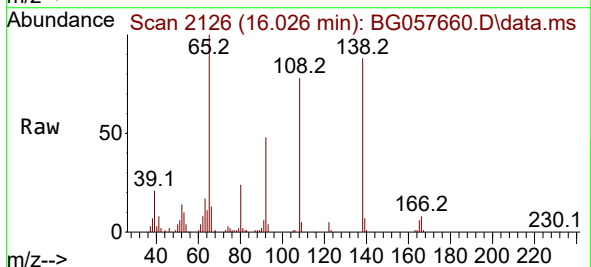
Instrument :
BNA_G
ClientSampleId :
PB153141BS

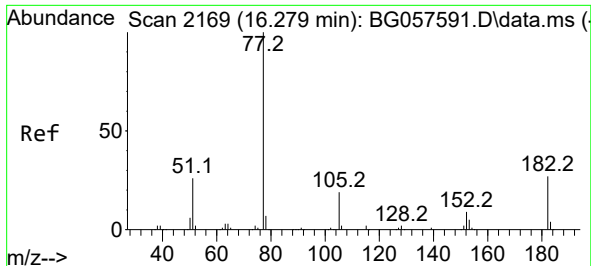
Tgt Ion:204 Resp: 155169
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 53.2 40.8 61.2



#62
4-Nitroaniline
Concen: 41.919 ng
RT: 16.026 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:138 Resp: 66666
Ion Ratio Lower Upper
138 100
92 54.9 36.4 76.4
108 88.5 85.4 125.4

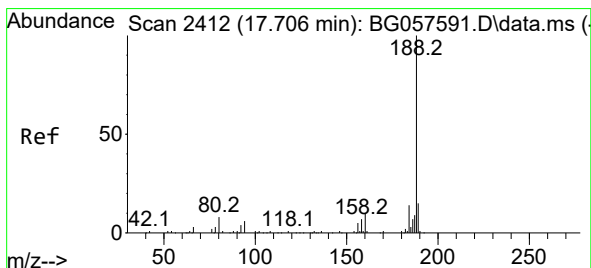
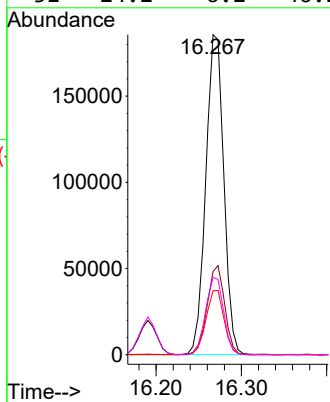
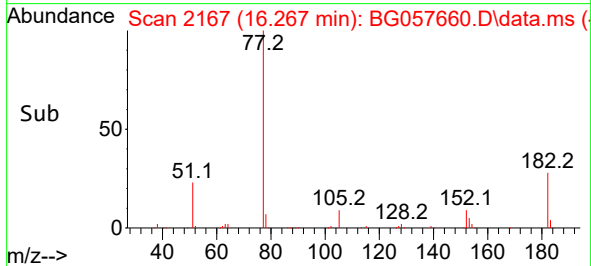
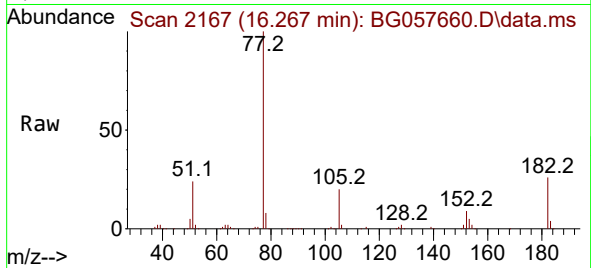




#63
Azobenzene
Concen: 44.449 ng
RT: 16.267 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

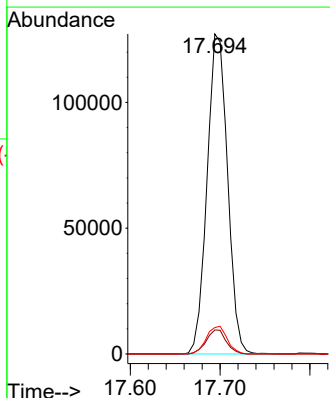
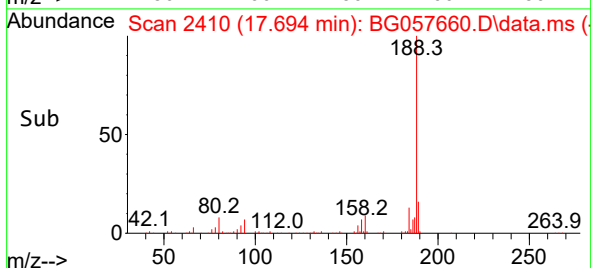
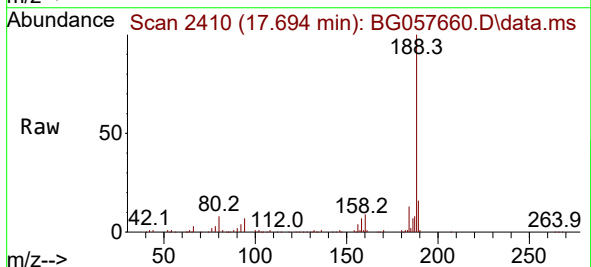
Instrument :
BNA_G
ClientSampleId :
PB153141BS

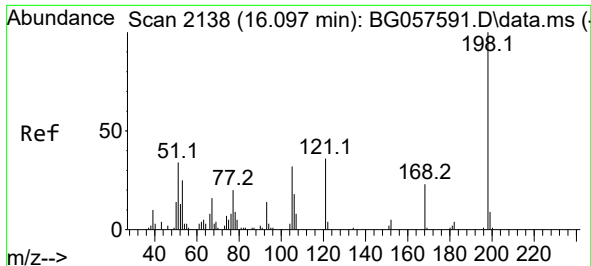
Tgt Ion:	77	Resp:	272437
Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.4	47.4
105	19.9	0.0	39.4
51	24.2	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:	188	Resp:	201020
Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.2	7.8
80	8.2	6.7	10.1

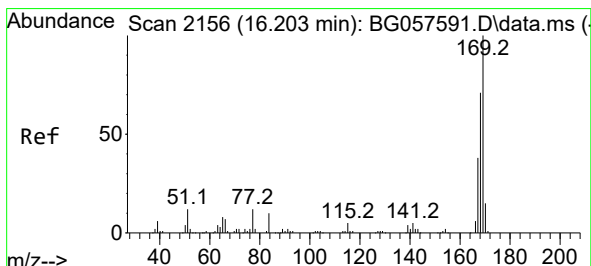
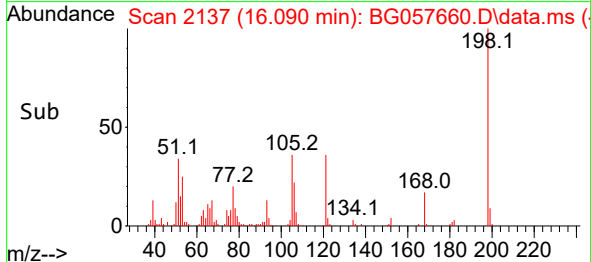
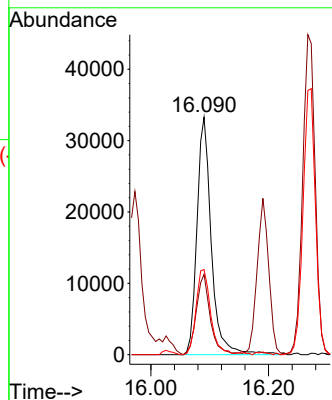
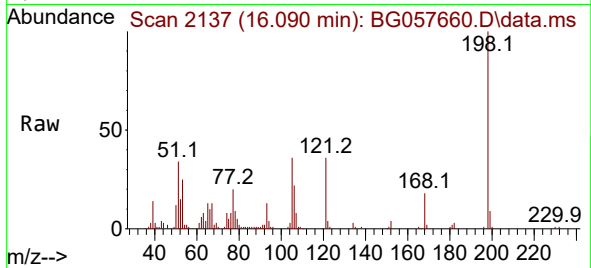




#65
4,6-Dinitro-2-methylphenol
Concen: 46.065 ng
RT: 16.090 min Scan# 2138
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

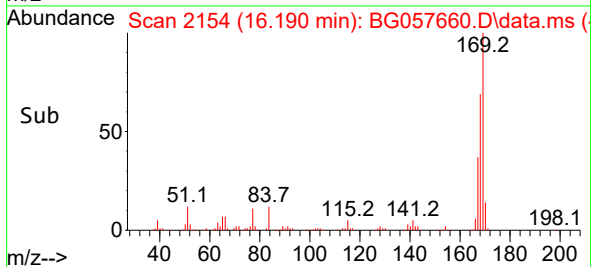
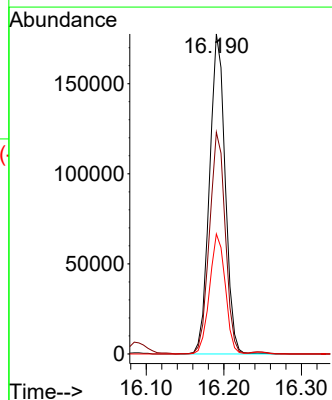
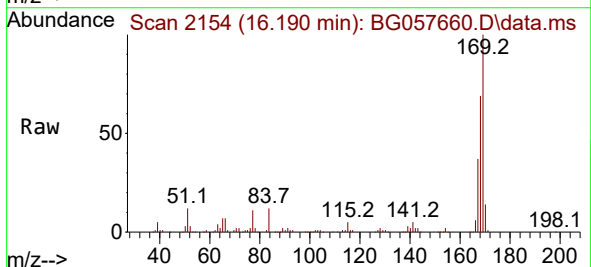
Instrument :
BNA_G
ClientSampleId :
PB153141BS

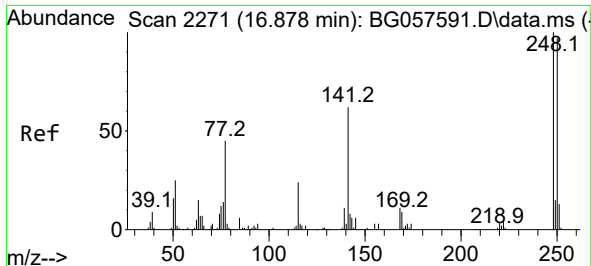
Tgt Ion:198 Resp: 56382
Ion Ratio Lower Upper
198 100
51 33.8 14.9 54.9
105 35.8 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 47.745 ng
RT: 16.190 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:169 Resp: 249457
Ion Ratio Lower Upper
169 100
168 69.3 56.7 85.1
167 37.5 30.7 46.1

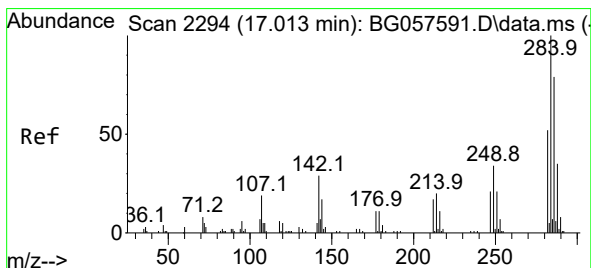
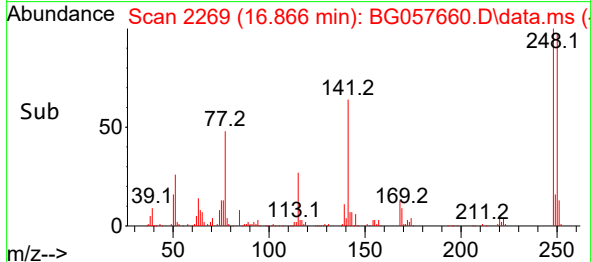
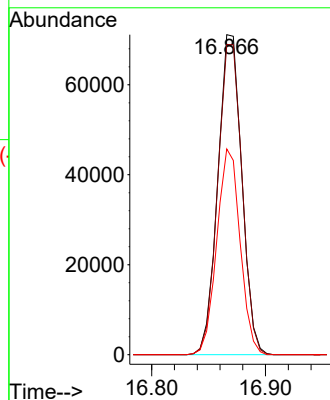
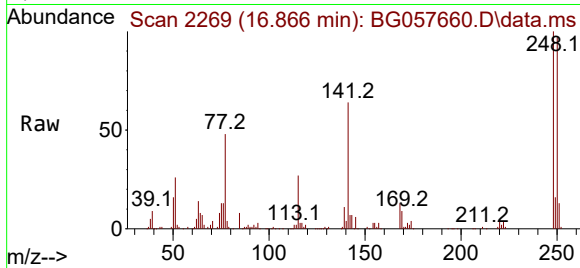




#67
4-Bromophenyl-phenylether
Concen: 46.262 ng
RT: 16.866 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

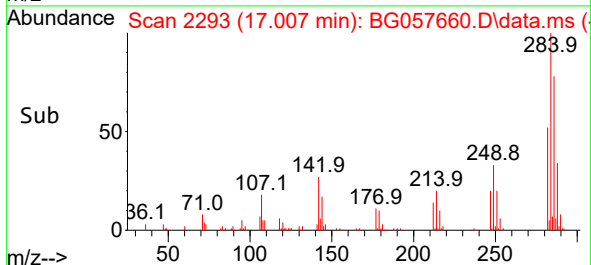
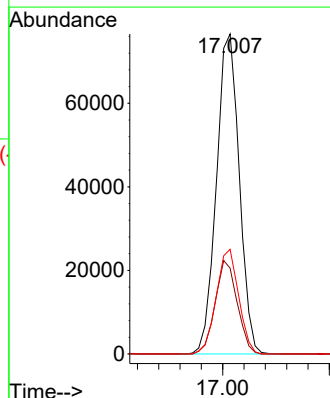
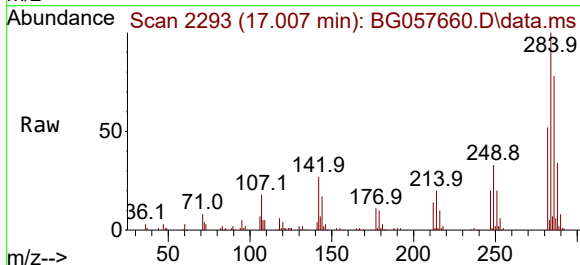
Instrument :
BNA_G
ClientSampleId :
PB153141BS

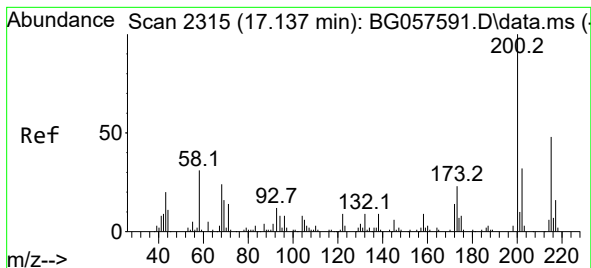
Tgt Ion:248 Resp: 104317
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 64.3 49.4 74.0



#68
Hexachlorobenzene
Concen: 48.851 ng
RT: 17.007 min Scan# 2293
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:284 Resp: 113547
Ion Ratio Lower Upper
284 100
142 26.8 22.9 34.3
249 32.7 27.0 40.4





#69

Atrazine

Concen: 49.750 ng

RT: 17.124 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

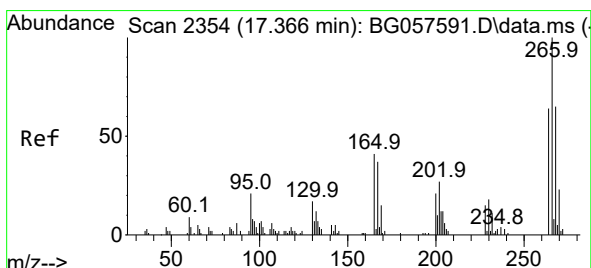
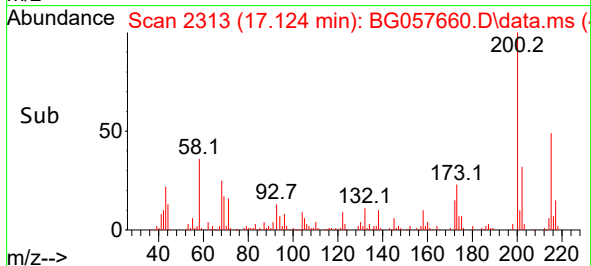
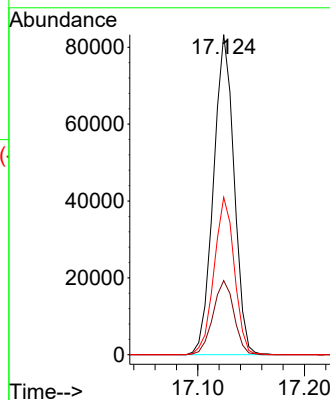
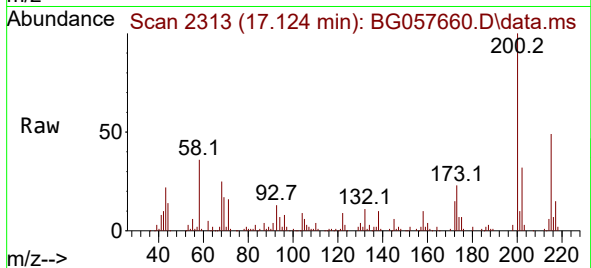
Tgt Ion:200 Resp: 111599

Ion Ratio Lower Upper

200 100

173 23.1 3.2 43.2

215 49.2 28.4 68.4



#70

Pentachlorophenol

Concen: 69.604 ng

RT: 17.353 min Scan# 2352

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

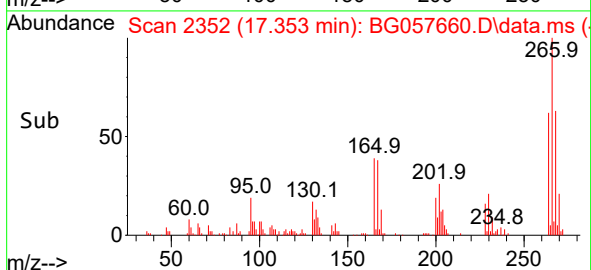
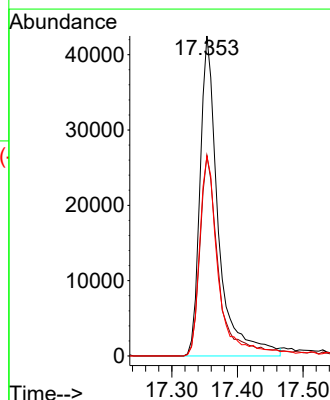
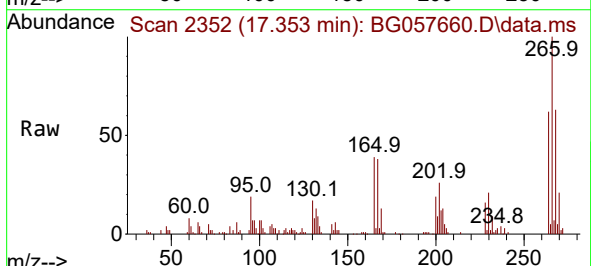
Tgt Ion:266 Resp: 82435

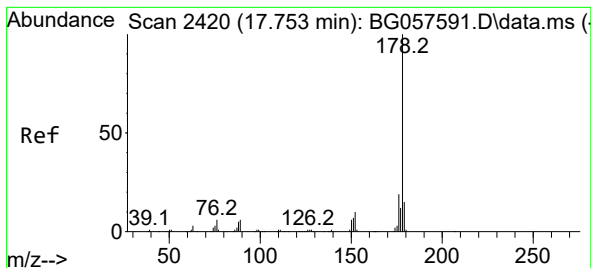
Ion Ratio Lower Upper

266 100

268 62.6 52.2 78.4

264 62.4 51.2 76.8





#71

Phenanthrene

Concen: 45.991 ng

RT: 17.741 min Scan# 2418

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

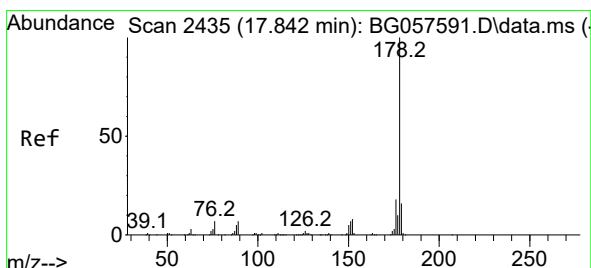
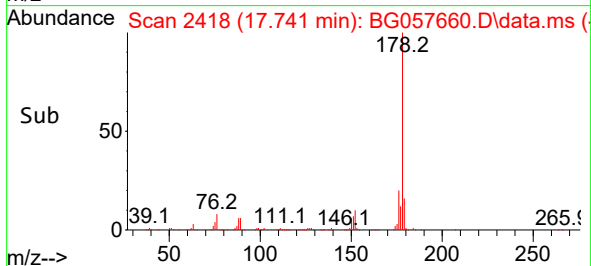
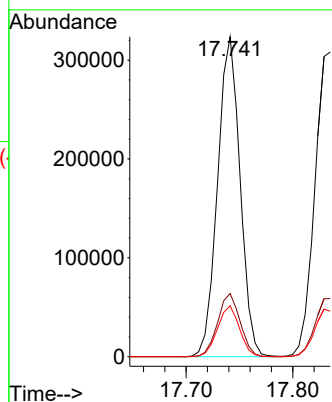
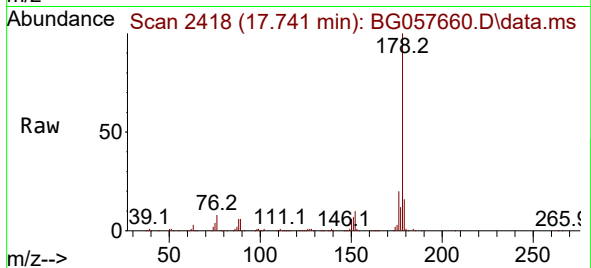
Tgt Ion:178 Resp: 473110

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

179 15.9 12.0 18.0



#72

Anthracene

Concen: 45.773 ng

RT: 17.835 min Scan# 2434

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

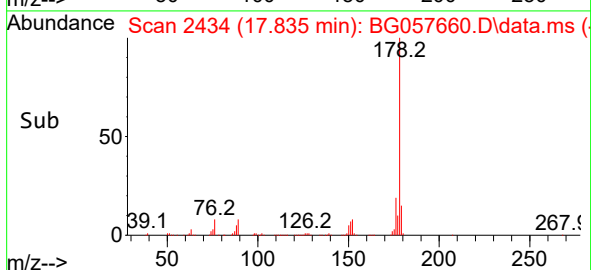
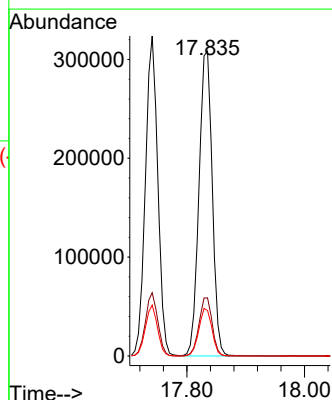
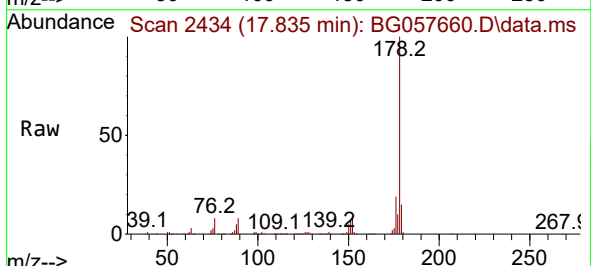
Tgt Ion:178 Resp: 483038

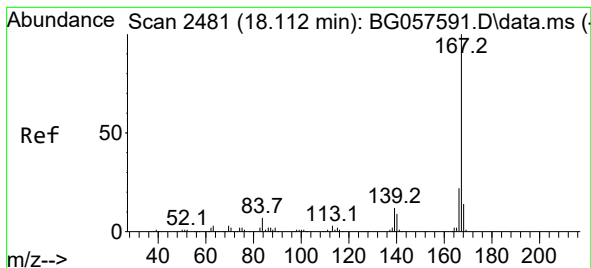
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 14.9 12.6 18.8





#73

Carbazole

Concen: 46.440 ng

RT: 18.099 min Scan# 2481

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

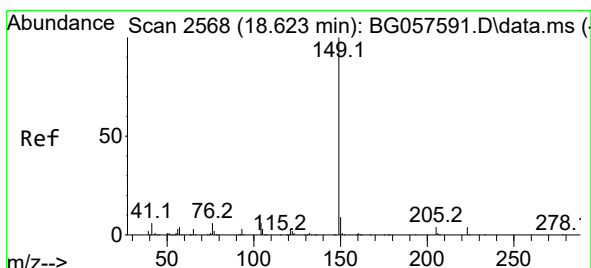
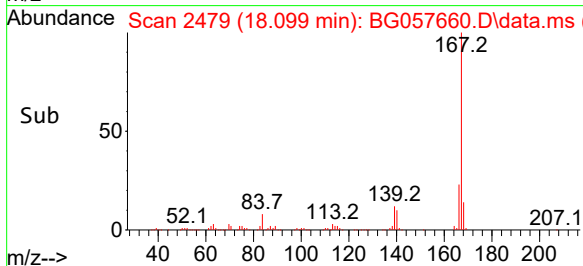
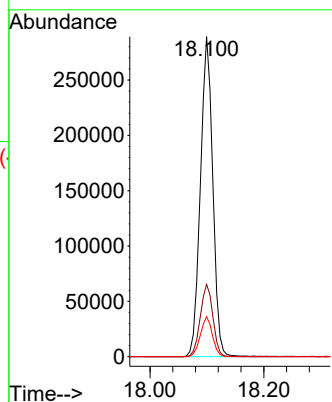
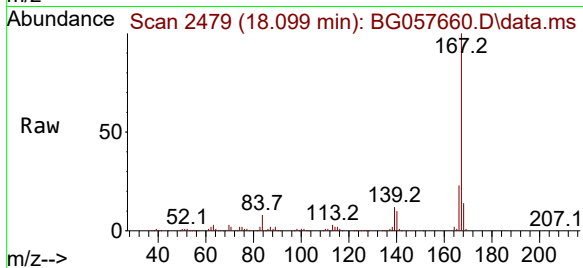
Tgt Ion:167 Resp: 438417

Ion Ratio Lower Upper

167 100

166 22.6 17.9 26.9

139 12.5 9.6 14.4



#74

Di-n-butylphthalate

Concen: 45.857 ng

RT: 18.611 min Scan# 2566

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

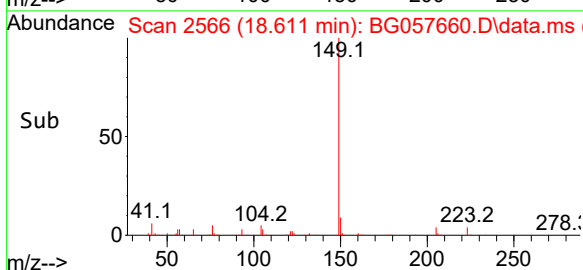
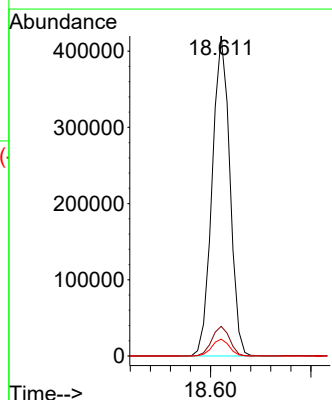
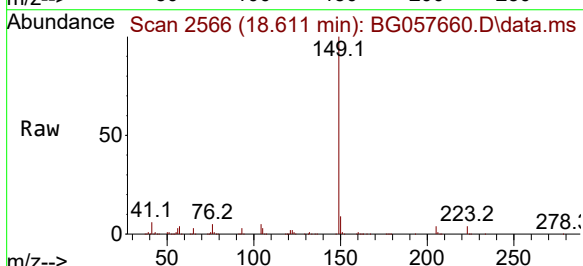
Tgt Ion:149 Resp: 513924

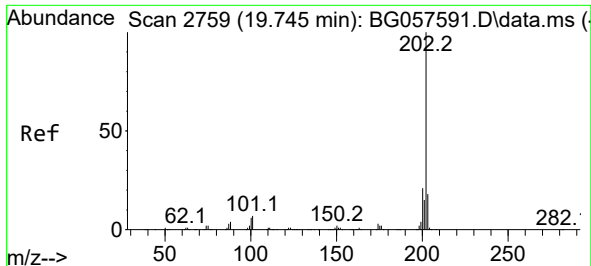
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.3 4.6 6.8

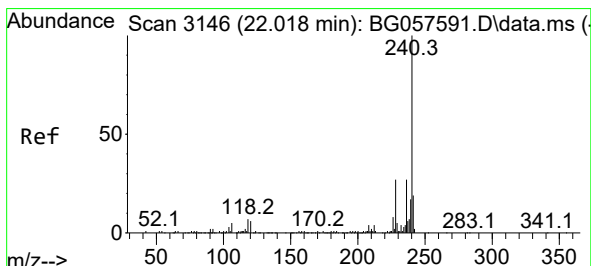
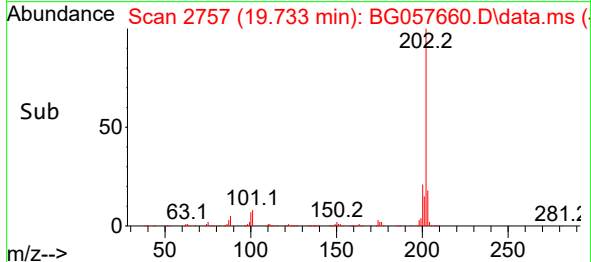
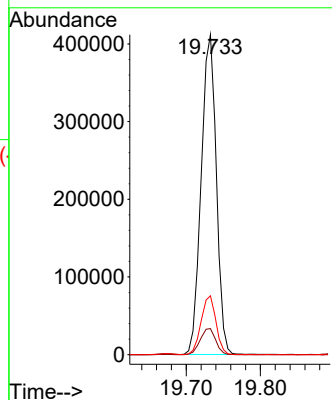
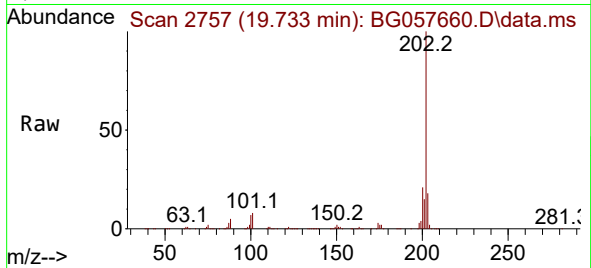




#75
Fluoranthene
Concen: 43.613 ng
RT: 19.733 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

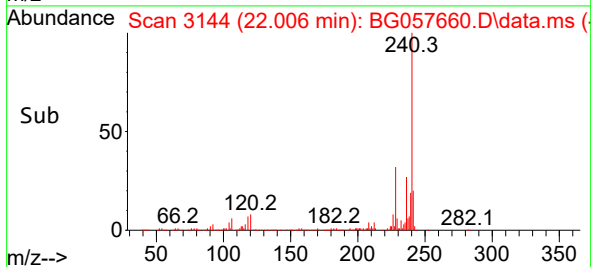
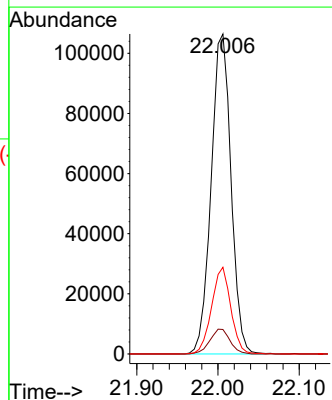
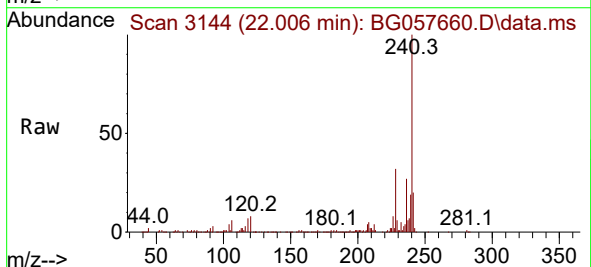
Instrument :
BNA_G
ClientSampleId :
PB153141BS

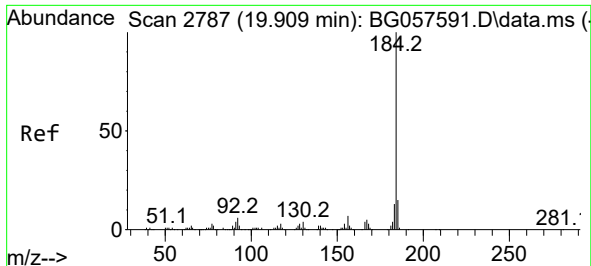
Tgt Ion:202 Resp: 582426
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.5
203 18.4 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.006 min Scan# 3144
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:240 Resp: 180641
Ion Ratio Lower Upper
240 100
120 7.7 5.2 7.8
236 27.1 21.4 32.0

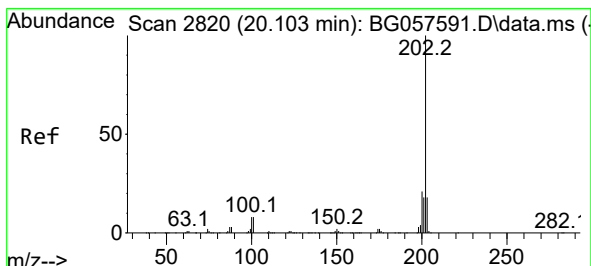
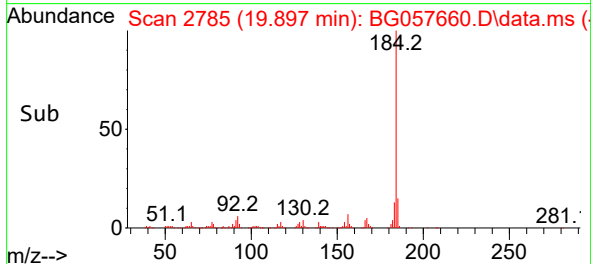
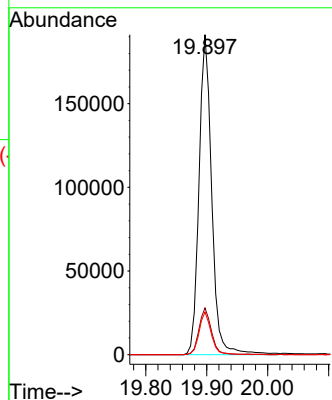
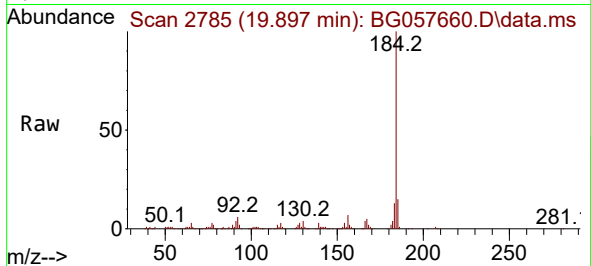




#77
Benzidine
Concen: 50.807 ng
RT: 19.897 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

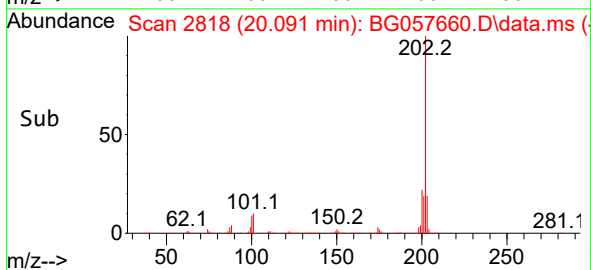
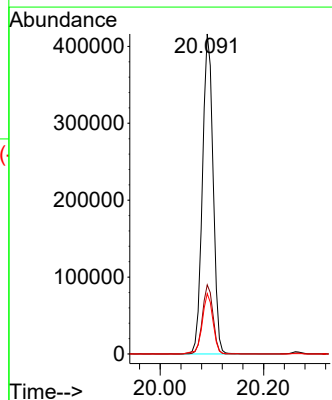
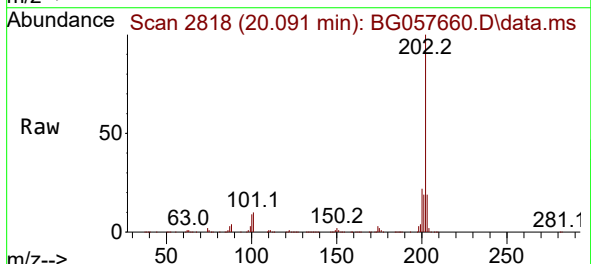
Instrument :
BNA_G
ClientSampleId :
PB153141BS

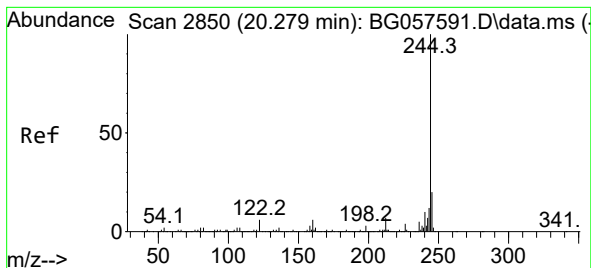
Tgt Ion:184 Resp: 277721
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 13.3 10.0 15.0



#78
Pyrene
Concen: 46.297 ng
RT: 20.091 min Scan# 2818
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:202 Resp: 595472
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 18.8 14.5 21.7





#79

Terphenyl-d14

Concen: 95.779 ng

RT: 20.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

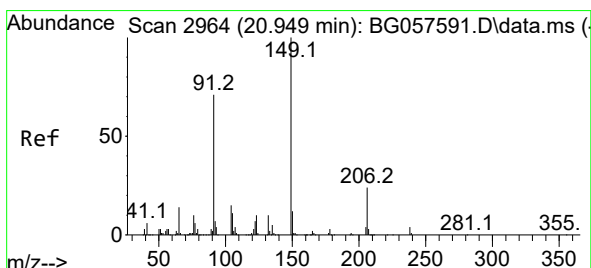
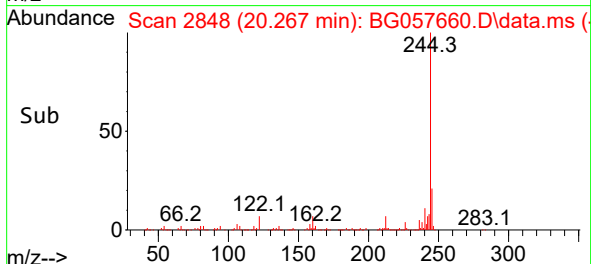
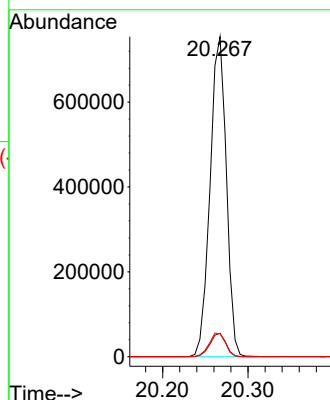
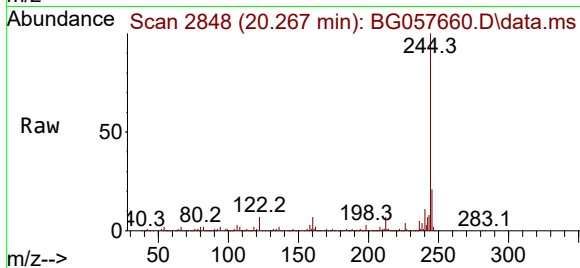
Tgt Ion:244 Resp: 998811

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 7.2 4.8 7.2#



#80

Butylbenzylphthalate

Concen: 48.233 ng

RT: 20.937 min Scan# 2962

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

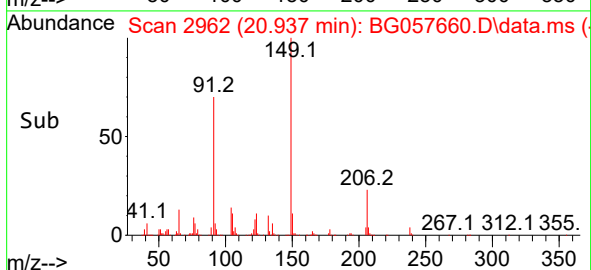
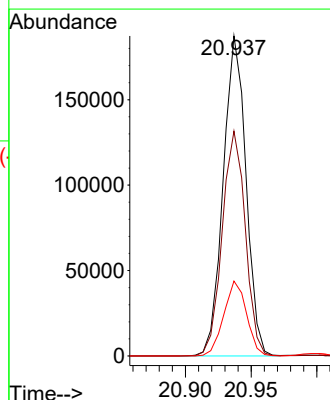
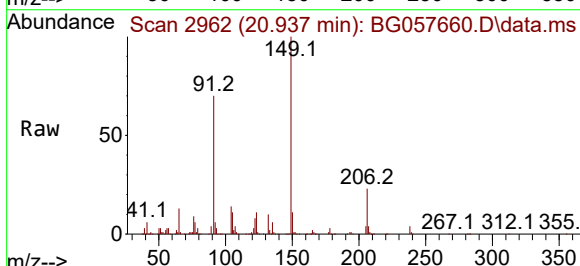
Tgt Ion:149 Resp: 225938

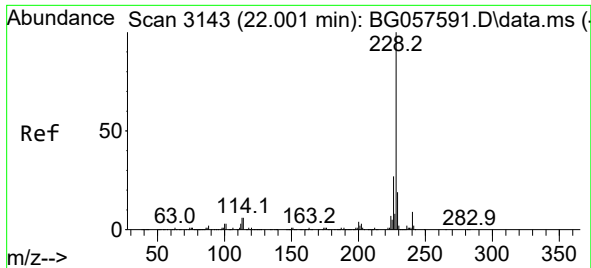
Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.6

206 23.4 19.4 29.2

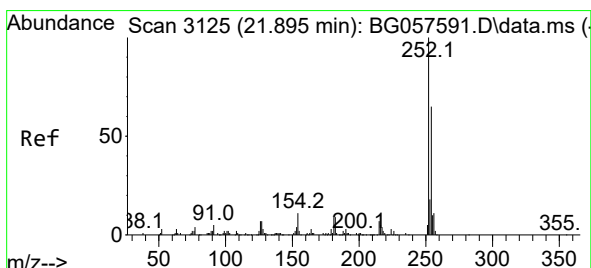
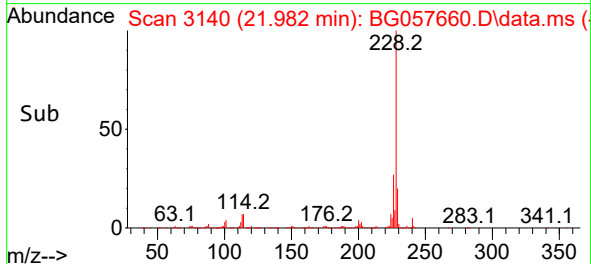
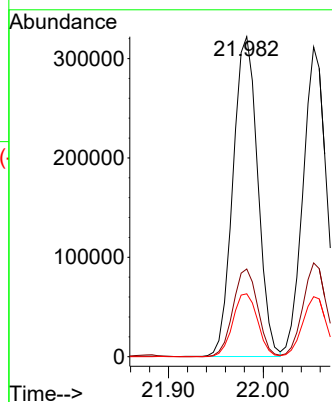
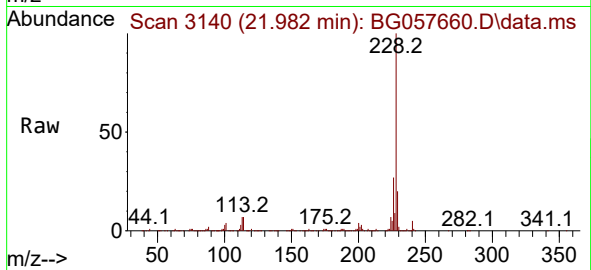




#81
Benzo(a)anthracene
Concen: 46.450 ng
RT: 21.982 min Scan# 3143
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

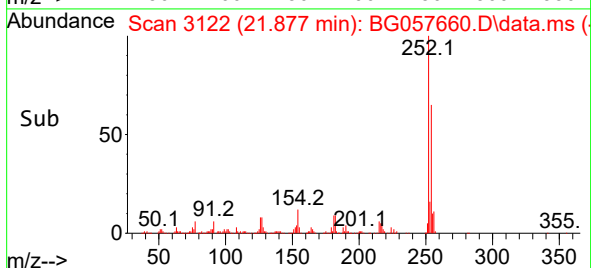
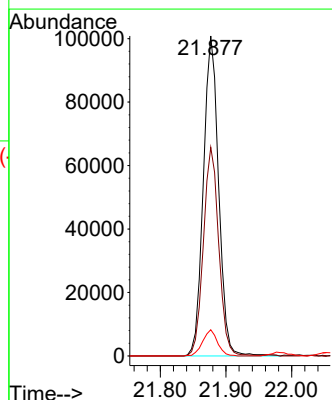
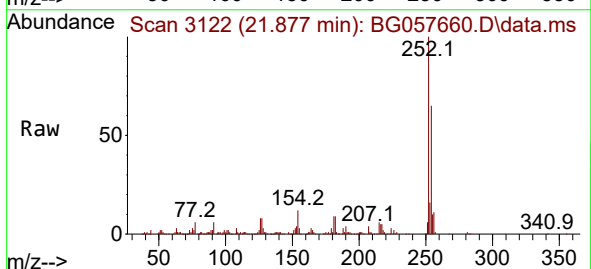
Instrument :
BNA_G
ClientSampleId :
PB153141BS

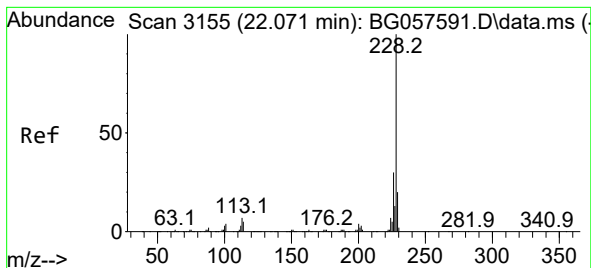
Tgt Ion:228 Resp: 582127
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.6 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 35.435 ng
RT: 21.877 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:252 Resp: 163761
Ion Ratio Lower Upper
252 100
254 65.2 51.8 77.8
126 8.2 5.4 8.2#





#83

Chrysene

Concen: 45.022 ng

RT: 22.053 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

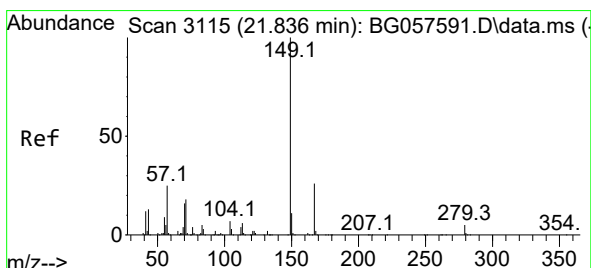
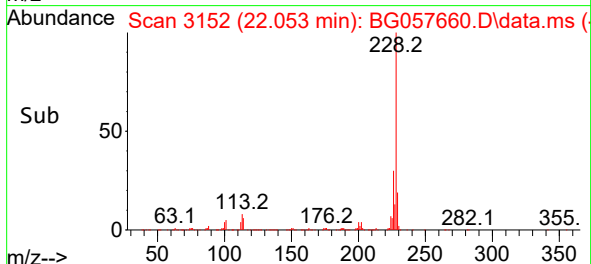
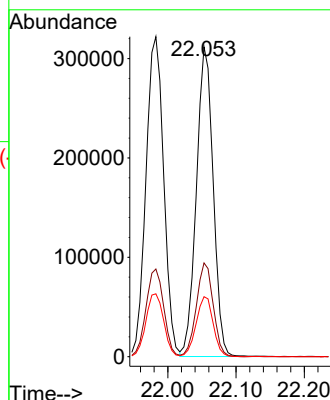
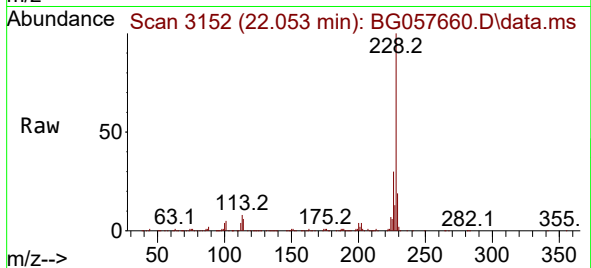
Tgt Ion:228 Resp: 533200

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.783 ng

RT: 21.818 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

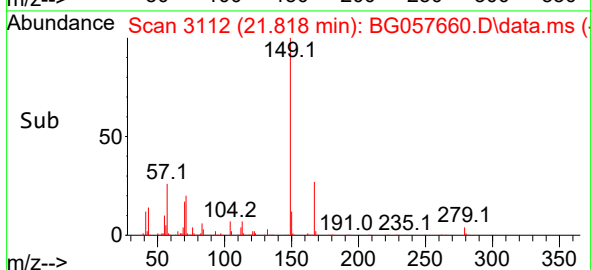
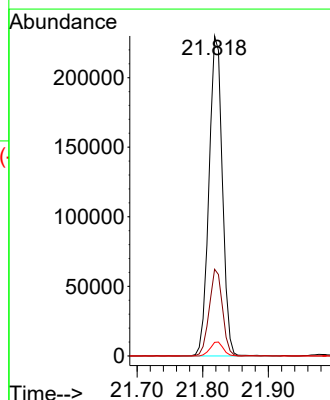
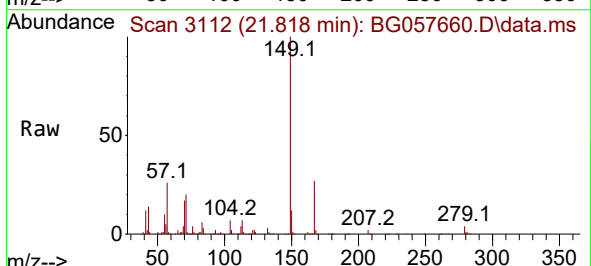
Tgt Ion:149 Resp: 325961

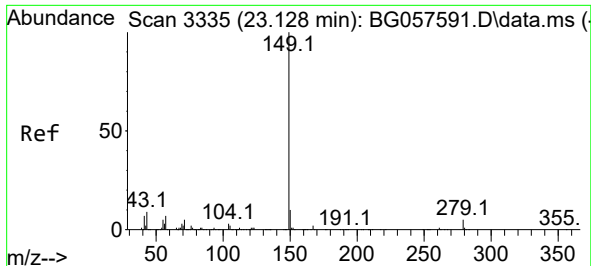
Ion Ratio Lower Upper

149 100

167 27.1 20.6 31.0

279 4.3 3.6 5.4

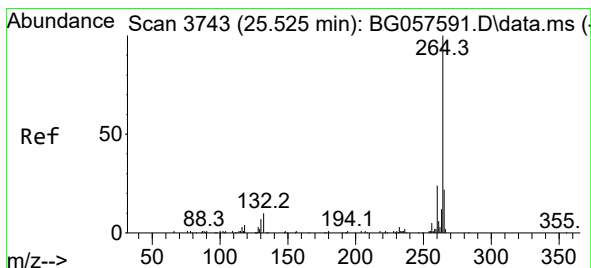
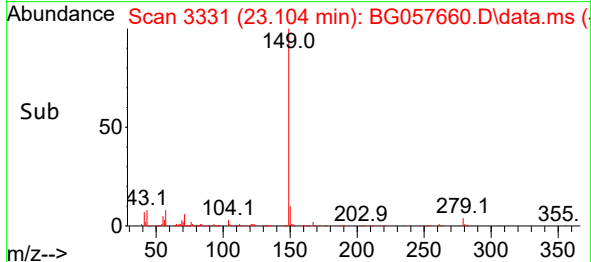
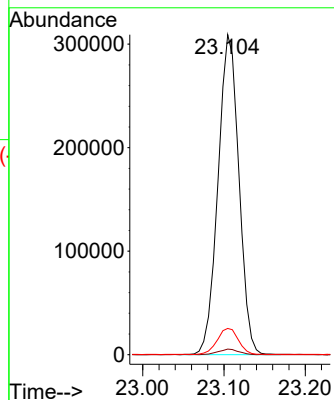
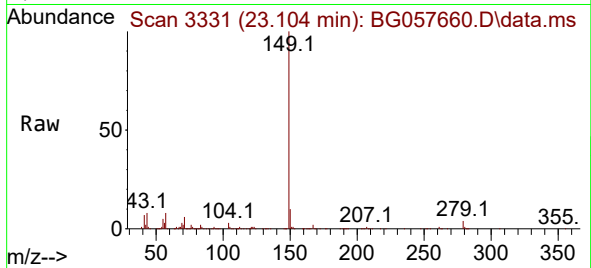




#85
Di-n-octyl phthalate
Concen: 49.952 ng
RT: 23.104 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

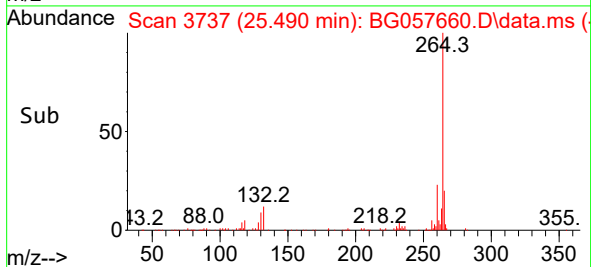
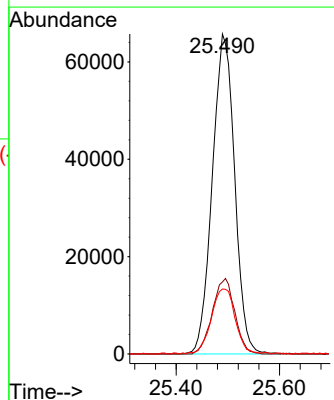
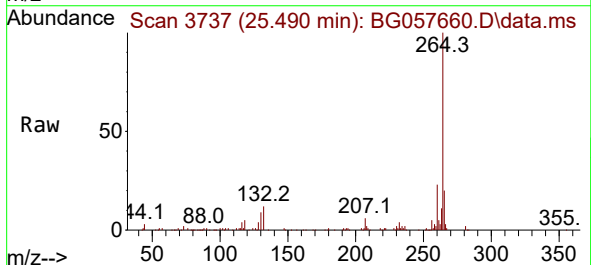
Instrument :
BNA_G
ClientSampleId :
PB153141BS

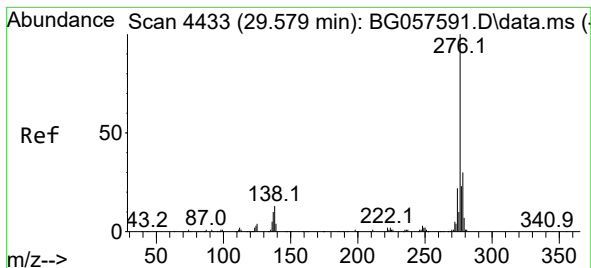
Tgt Ion:149 Resp: 553241
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.490 min Scan# 3737
Delta R.T. -0.009 min
Lab File: BG057660.D
Acq: 7 Jun 2023 7:19

Tgt Ion:264 Resp: 196685
Ion Ratio Lower Upper
264 100
260 22.5 19.1 28.7
265 20.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.817 ng

RT: 29.537 min Scan# 4426

Delta R.T. -0.015 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

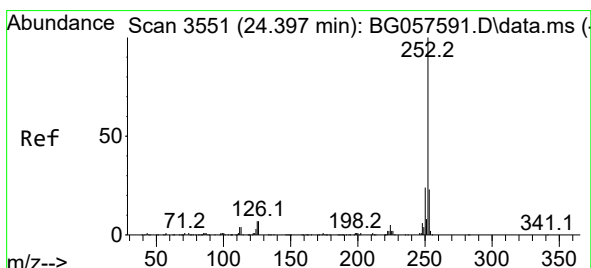
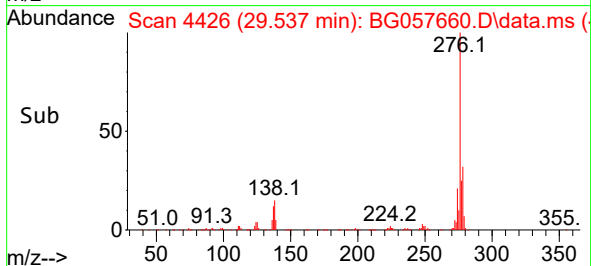
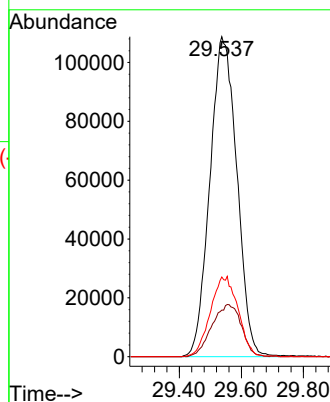
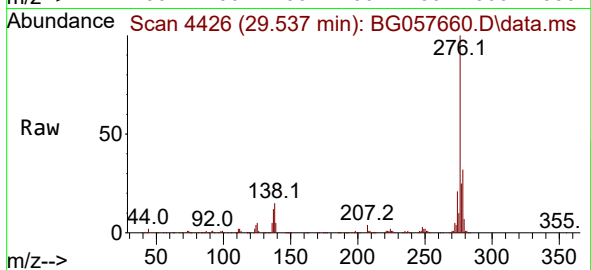
Tgt Ion:276 Resp: 655720

Ion Ratio Lower Upper

276 100

138 17.9 12.3 18.5

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 48.459 ng

RT: 24.373 min Scan# 3547

Delta R.T. -0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

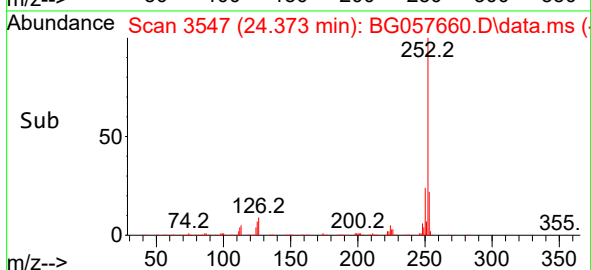
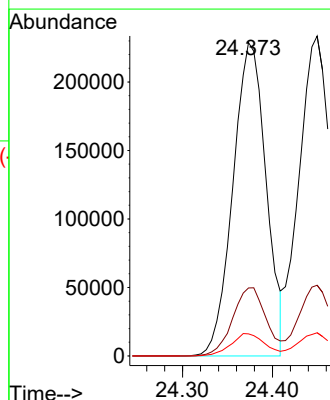
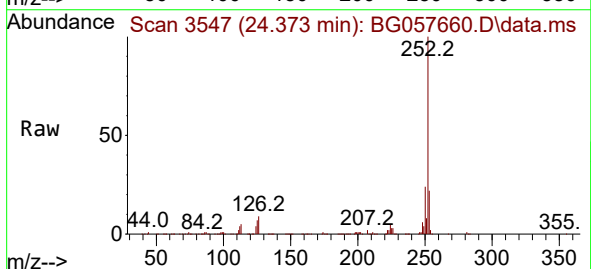
Tgt Ion:252 Resp: 586673

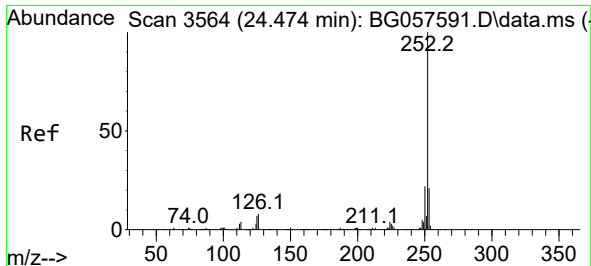
Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

125 7.1 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 47.706 ng

RT: 24.450 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

Instrument :

BNA_G

ClientSampleId :

PB153141BS

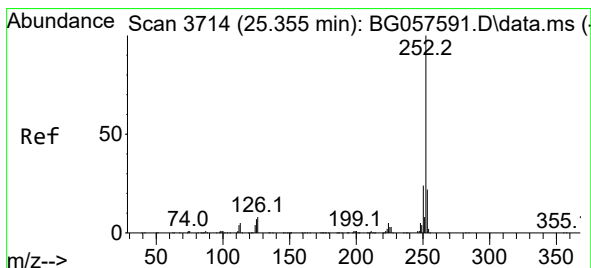
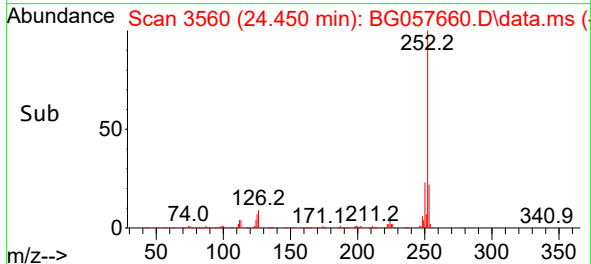
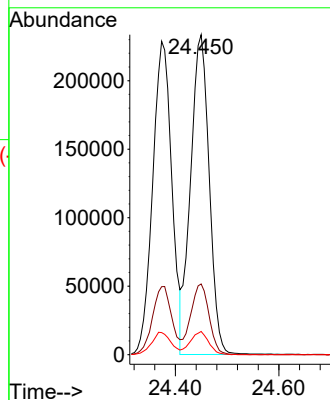
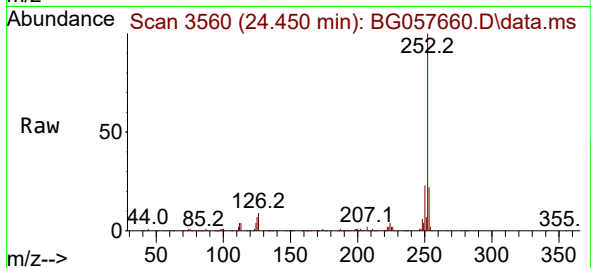
Tgt Ion:252 Resp: 582880

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 7.2 5.1 7.7



#90

Benzo(a)pyrene

Concen: 44.044 ng

RT: 25.331 min Scan# 3710

Delta R.T. 0.003 min

Lab File: BG057660.D

Acq: 7 Jun 2023 7:19

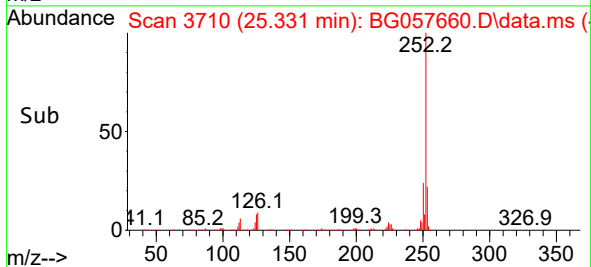
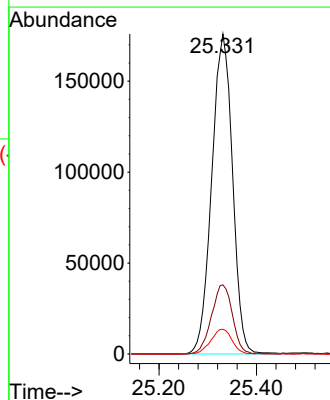
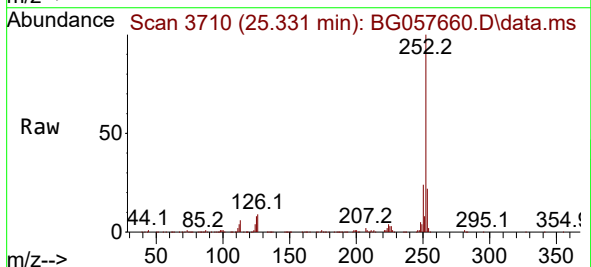
Tgt Ion:252 Resp: 520006

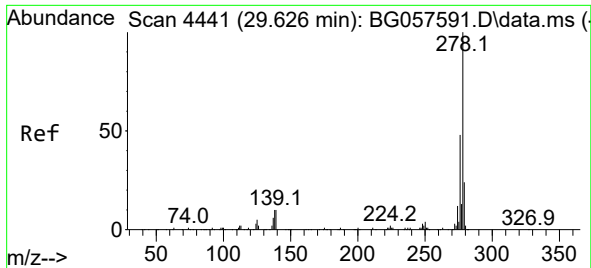
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 7.7 5.3 7.9

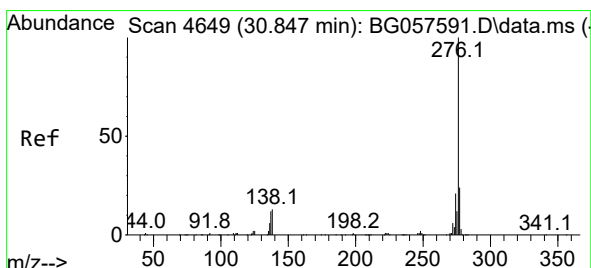
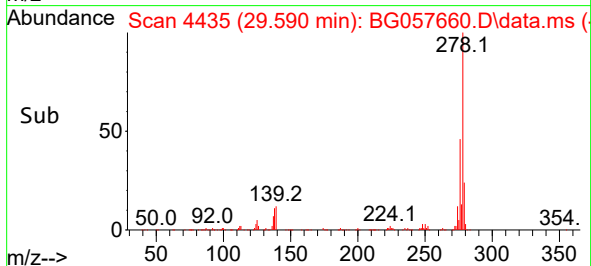
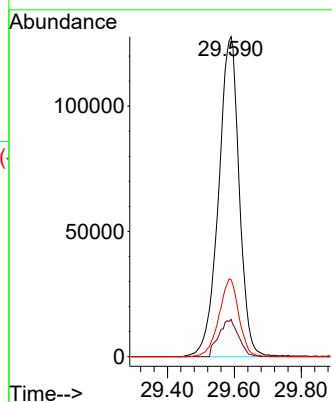
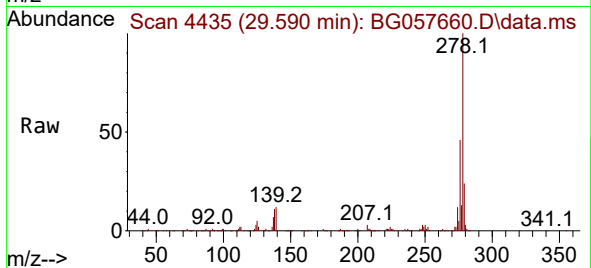




#91
 Dibenzo(a,h)anthracene
 Concen: 47.883 ng
 RT: 29.590 min Scan# 4435
 Delta R.T. -0.003 min
 Lab File: BG057660.D
 Acq: 7 Jun 2023 7:19

Instrument :
 BNA_G
 ClientSampleId :
 PB153141BS

Tgt Ion:278 Resp: 546468
 Ion Ratio Lower Upper
 278 100
 139 11.6 7.8 11.8
 279 24.1 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 47.669 ng
 RT: 30.812 min Scan# 4643
 Delta R.T. 0.003 min
 Lab File: BG057660.D
 Acq: 7 Jun 2023 7:19

Tgt Ion:276 Resp: 530569
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.9 28.3
 138 14.9 10.2 15.4

