

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057054.D
 Acq On : 11 Apr 2023 15:31
 Operator : CG/JU
 Sample : PB152037BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152037BS

Quant Time: Apr 12 04:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	16935	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	66974	20.000	ng	# 0.00
39) Acenaphthene-d10	15.022	164	45302	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	108914	20.000	ng	# 0.00
76) Chrysene-d12	22.083	240	97606	20.000	ng	0.00
86) Perylene-d12	25.613	264	104090	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	160009	151.217	ng	0.00
7) Phenol-d6	7.544	99	217823	137.638	ng	0.00
23) Nitrobenzene-d5	9.588	82	138666	84.718	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	101124	139.729	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	306066	91.614	ng	0.00
79) Terphenyl-d14	20.326	244	571594	99.095	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.725	88	16949	36.540	ng	100
3) Pyridine	4.148	79	50067	33.512	ng	96
4) n-Nitrosodimethylamine	4.060	42	28442	41.407	ng	95
6) Aniline	7.720	93	71345	35.264	ng	95
8) 2-Chlorophenol	7.967	128	51800	49.148	ng	95
9) Benzaldehyde	7.532	77	36312	36.582	ng	96
10) Phenol	7.573	94	73512	46.879	ng	95
11) bis(2-Chloroethyl)ether	7.808	93	51040	45.693	ng	98
12) 1,3-Dichlorobenzene	8.296	146	57131	49.057	ng	96
13) 1,4-Dichlorobenzene	8.443	146	57229	48.690	ng	97
14) 1,2-Dichlorobenzene	8.772	146	56184	49.477	ng	91
15) Benzyl Alcohol	8.642	79	56692	43.112	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.924	45	61293	45.531	ng	98
17) 2-Methylphenol	8.842	107	48524	43.373	ng	93
18) Hexachloroethane	9.512	117	20716	48.221	ng	92
19) n-Nitroso-di-n-propyla...	9.206	70	44852	39.623	ng	97
20) 3+4-Methylphenols	9.171	107	65333	41.762	ng	98
22) Acetophenone	9.236	105	85440	42.872	ng	# 96
24) Nitrobenzene	9.629	77	69426	41.487	ng	94
25) Isophorone	10.152	82	119551	38.356	ng	98
26) 2-Nitrophenol	10.346	139	29227	45.248	ng	94
27) 2,4-Dimethylphenol	10.387	122	49545	43.443	ng	99
28) bis(2-Chloroethoxy)met...	10.622	93	62980	40.360	ng	99
29) 2,4-Dichlorophenol	10.886	162	51543	42.024	ng	98
30) 1,2,4-Trichlorobenzene	11.104	180	58417	44.826	ng	97
31) Naphthalene	11.298	128	153934	42.167	ng	98
32) Benzoic acid	10.522	122	30058	38.369	ng	92
33) 4-Chloroaniline	11.397	127	41886	25.405	ng	97
34) Hexachlorobutadiene	11.574	225	41268	42.156	ng	91
35) Caprolactam	12.161	113	10151	23.999	ng	# 78
36) 4-Chloro-3-methylphenol	12.484	107	54587	39.797	ng	96
37) 2-Methylnaphthalene	12.872	142	108699	37.517	ng	98
38) 1-Methylnaphthalene	13.089	142	102691	37.746	ng	99
40) 1,2,4,5-Tetrachloroben...	13.236	216	73425	46.739	ng	97
41) Hexachlorocyclopentadiene	13.207	237	108643	125.519	ng	98
43) 2,4,6-Trichlorophenol	13.465	196	46438	46.323	ng	98

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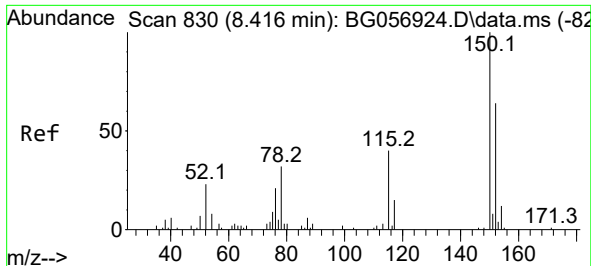
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	50623	42.627	ng	96
46) 1,1'-Biphenyl	13.859	154	155458	46.878	ng	99
47) 2-Chloronaphthalene	13.912	162	117889	48.066	ng	98
48) 2-Nitroaniline	14.100	65	38596	44.009	ng	97
49) Acenaphthylene	14.752	152	181670	45.082	ng	99
50) Dimethylphthalate	14.458	163	154388	43.252	ng	99
51) 2,6-Dinitrotoluene	14.581	165	34520	44.760	ng	95
52) Acenaphthene	15.086	154	115739	41.644	ng	97
53) 3-Nitroaniline	14.916	138	24378	31.935	ng	87
54) 2,4-Dinitrophenol	15.122	184	48155	110.933	ng	97
55) Dibenzofuran	15.415	168	180622	43.301	ng	98
56) 4-Nitrophenol	15.210	139	55886	99.004	ng	# 89
57) 2,4-Dinitrotoluene	15.368	165	49425	45.439	ng	91
58) Fluorene	16.062	166	150006	43.458	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.633	232	49173	45.476	ng	99
60) Diethylphthalate	15.803	149	155430	43.436	ng	98
61) 4-Chlorophenyl-phenyle...	16.038	204	86805	42.833	ng	98
62) 4-Nitroaniline	16.073	138	34346	43.426	ng	94
63) Azobenzene	16.332	77	149719	41.983	ng	98
65) 4,6-Dinitro-2-methylph...	16.132	198	34066	51.644	ng	95
66) n-Nitrosodiphenylamine	16.256	169	128306	43.885	ng	100
67) 4-Bromophenyl-phenylether	16.937	248	56977	42.280	ng	94
68) Hexachlorobenzene	17.066	284	64345	48.295	ng	96
69) Atrazine	17.184	200	56850	46.842	ng	96
70) Pentachlorophenol	17.407	266	78879	82.524	ng	96
71) Phenanthrene	17.800	178	248328	44.720	ng	100
72) Anthracene	17.894	178	248997	43.741	ng	99
73) Carbazole	18.159	167	223737	45.080	ng	94
74) Di-n-butylphthalate	18.676	149	262662	45.703	ng	99
75) Fluoranthene	19.792	202	301227	42.793	ng	97
77) Benzidine	19.951	184	163053	61.117	ng	99
78) Pyrene	20.150	202	304539	45.111	ng	99
80) Butylbenzylphthalate	21.008	149	109987	47.345	ng	95
81) Benzo(a)anthracene	22.059	228	299955	44.409	ng	99
82) 3,3'-Dichlorobenzidine	21.954	252	80175	35.152	ng	98
83) Chrysene	22.130	228	277148	43.824	ng	99
84) Bis(2-ethylhexyl)phtha...	21.907	149	154799	46.017	ng	100
85) Di-n-octyl phthalate	23.223	149	262273	46.266	ng	99
87) Indeno(1,2,3-cd)pyrene	29.708	276	346904	45.095	ng	# 96
88) Benzo(b)fluoranthene	24.486	252	312409	47.996	ng	98
89) Benzo(k)fluoranthene	24.562	252	299997	46.166	ng	98
90) Benzo(a)pyrene	25.449	252	270692	42.321	ng	98
91) Dibenzo(a,h)anthracene	29.773	278	292702	46.289	ng	99
92) Benzo(g,h,i)perylene	30.994	276	274338	44.307	ng	97

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

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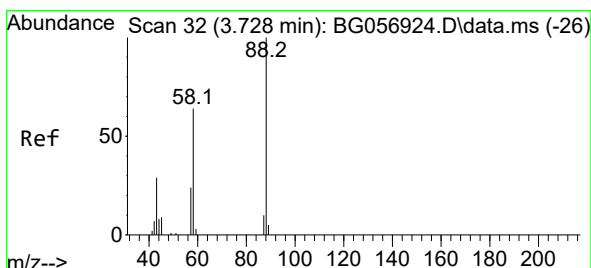
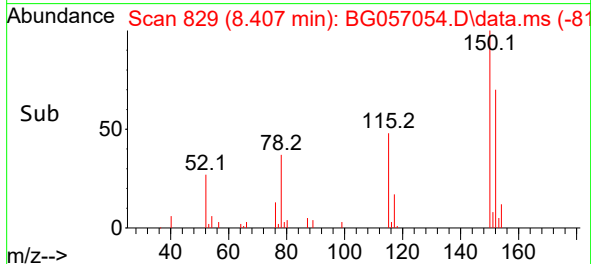
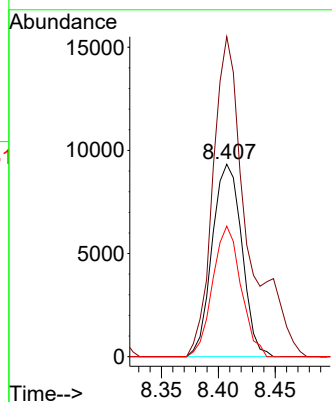
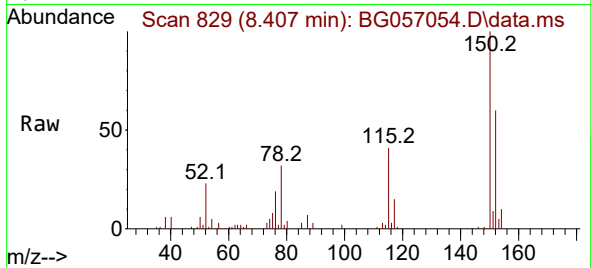




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.407 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG057054.D
 Acq: 11 Apr 2023 15:31

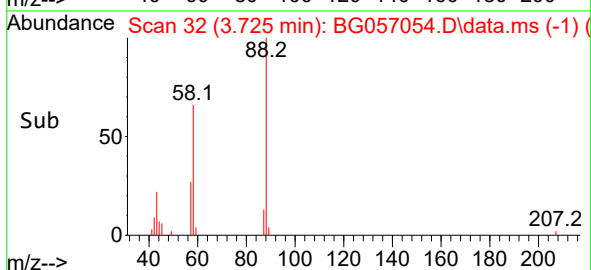
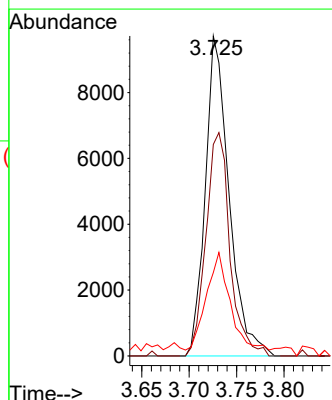
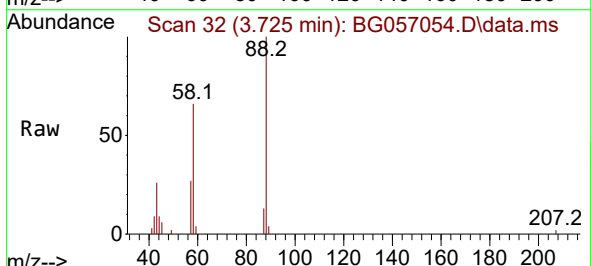
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BS

Tgt Ion:152 Resp: 16935
 Ion Ratio Lower Upper
 152 100
 150 166.3 124.1 186.1
 115 67.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 36.540 ng
 RT: 3.725 min Scan# 32
 Delta R.T. 0.006 min
 Lab File: BG057054.D
 Acq: 11 Apr 2023 15:31

Tgt Ion: 88 Resp: 16949
 Ion Ratio Lower Upper
 88 100
 58 70.2 55.9 83.9
 43 31.9 25.7 38.5

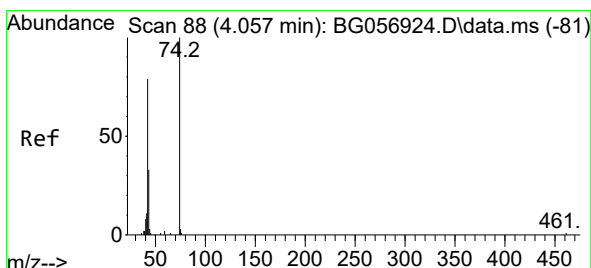
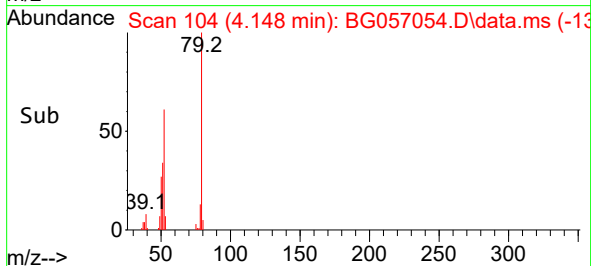
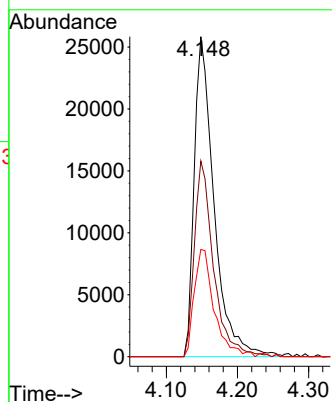
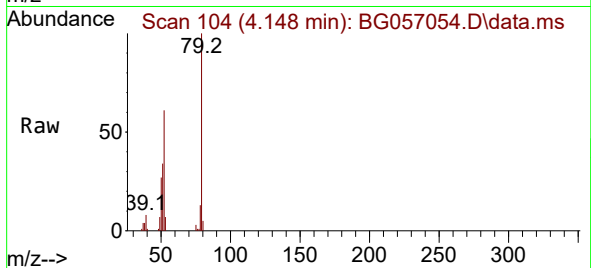




#3
Pyridine
Concen: 33.512 ng
RT: 4.148 min Scan# 104
Delta R.T. 0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

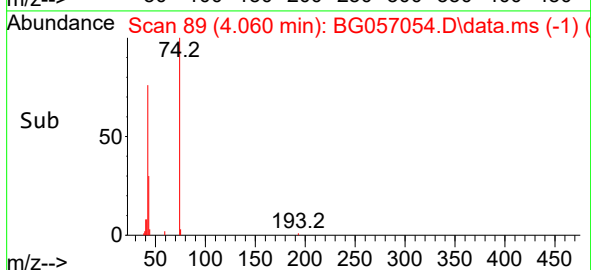
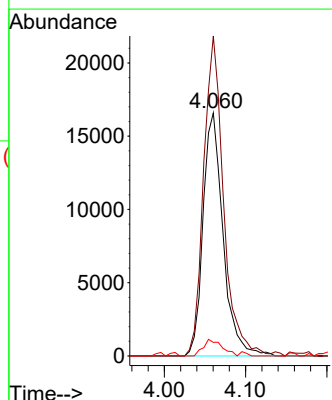
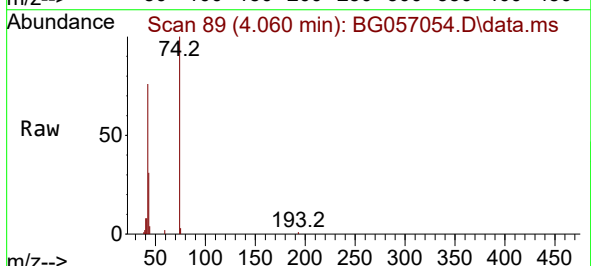
Instrument :
BNA_G
ClientSampleId :
PB152037BS

Tgt Ion: 79 Resp: 50067
Ion Ratio Lower Upper
79 100
52 61.1 46.1 69.1
51 33.5 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 41.407 ng
RT: 4.060 min Scan# 89
Delta R.T. 0.011 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 42 Resp: 28442
Ion Ratio Lower Upper
42 100
74 131.7 100.6 151.0
44 5.6 4.6 7.0

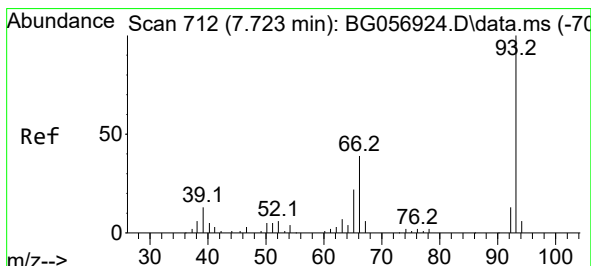
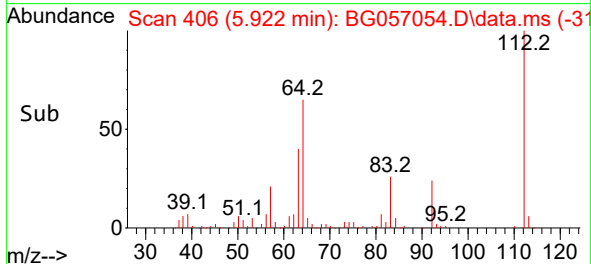
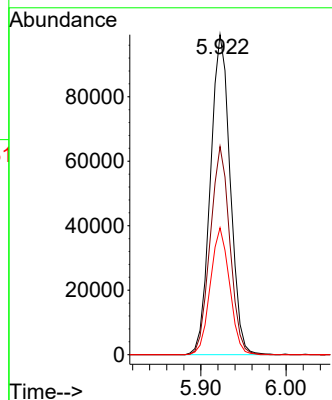
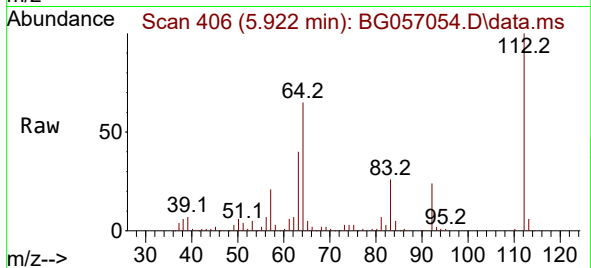




#5
2-Fluorophenol
Concen: 151.217 ng
RT: 5.922 min Scan# 405
Delta R.T. 0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

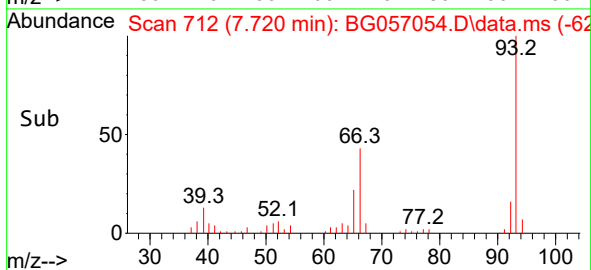
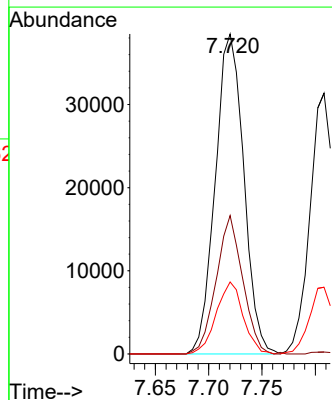
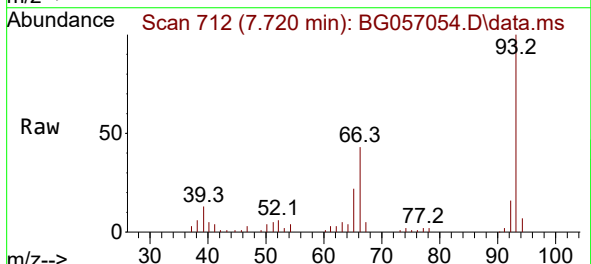
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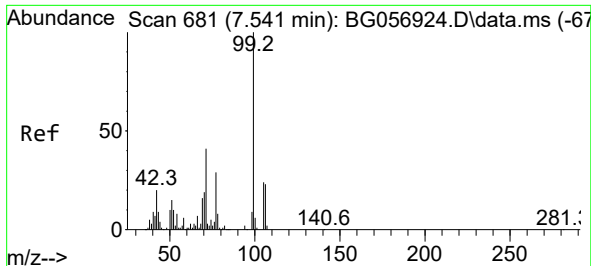
Tgt Ion:112 Resp: 160009
Ion Ratio Lower Upper
112 100
64 65.1 53.2 79.8
63 39.6 32.6 48.8



#6
Aniline
Concen: 35.264 ng
RT: 7.720 min Scan# 712
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 93 Resp: 71345
Ion Ratio Lower Upper
93 100
66 43.2 31.4 47.0
65 22.5 17.3 25.9

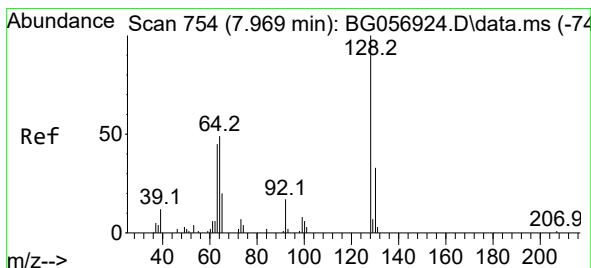
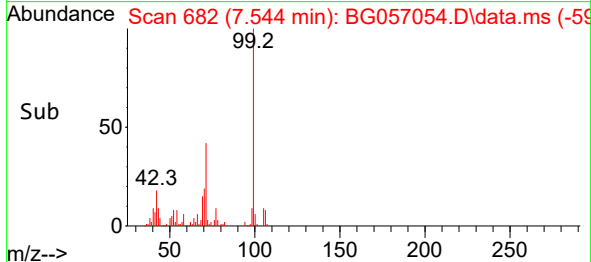
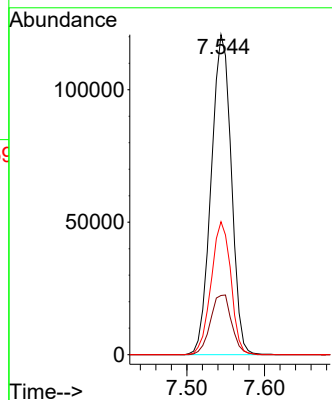
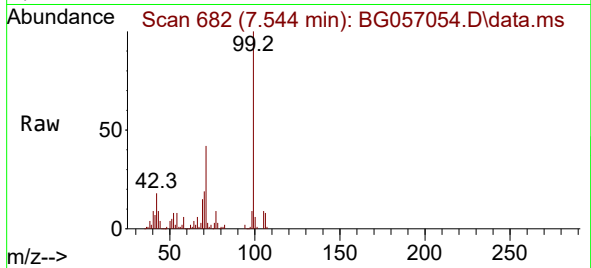




#7
Phenol-d6
Concen: 137.638 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

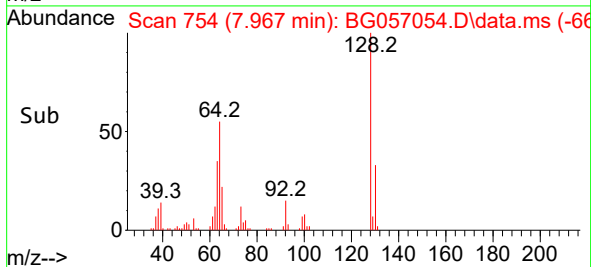
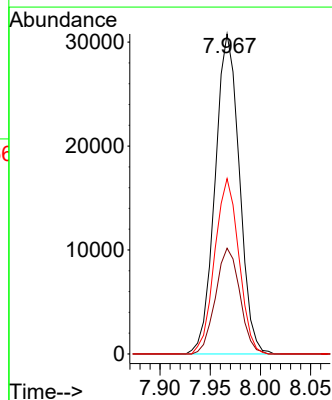
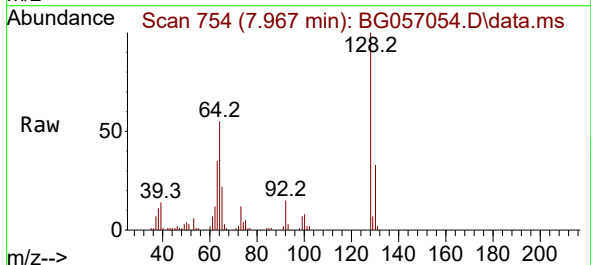
Instrument :
BNA_G
ClientSampleId :
PB152037BS

Tgt Ion: 99 Resp: 217823
Ion Ratio Lower Upper
99 100
42 18.5 15.7 23.5
71 41.5 32.5 48.7



#8
2-Chlorophenol
Concen: 49.148 ng
RT: 7.967 min Scan# 754
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 128 Resp: 51800
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 54.8 40.6 80.6

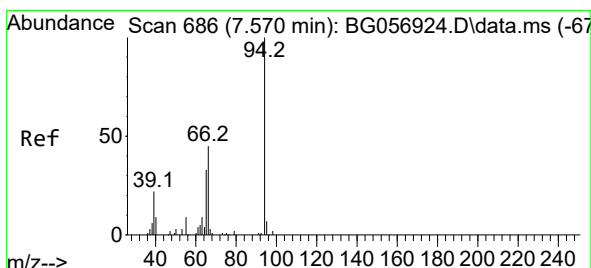
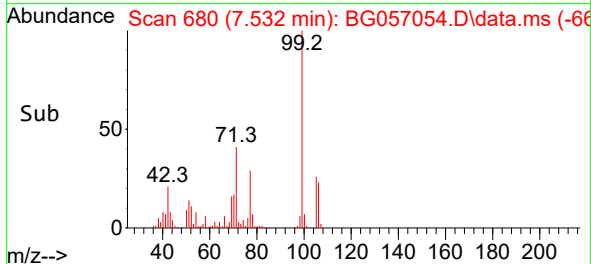
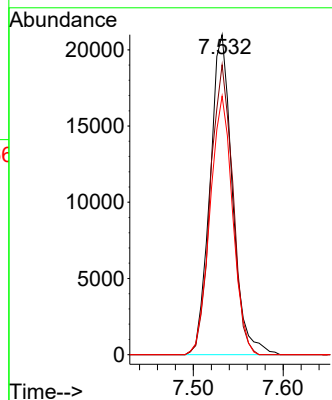
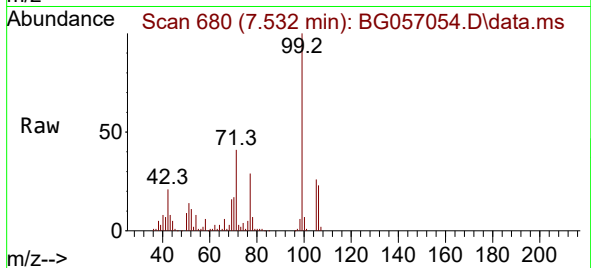




#9
Benzaldehyde
Concen: 36.582 ng
RT: 7.532 min Scan# 680
Delta R.T. 0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

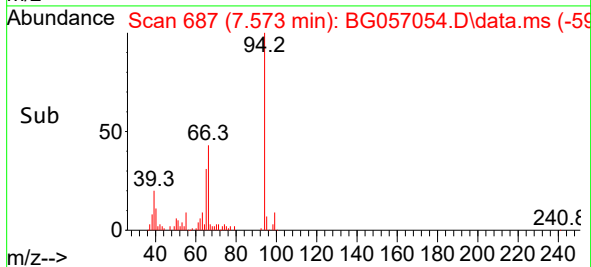
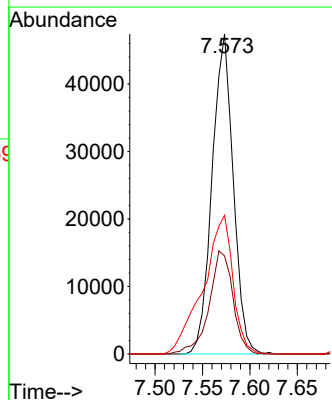
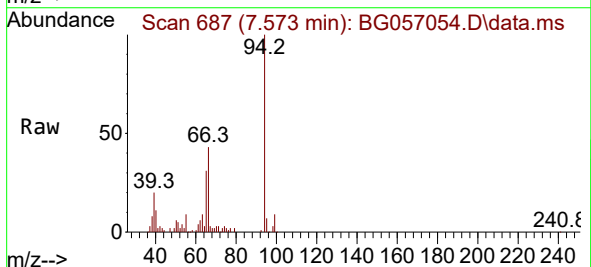
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BNA_G
ClientSampleId :
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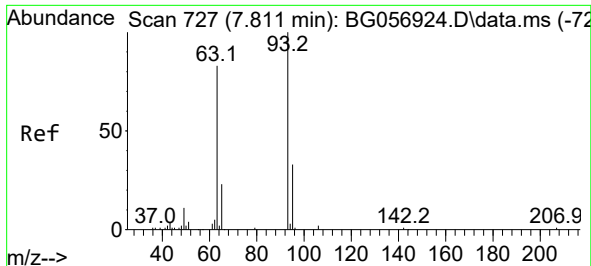
Tgt Ion: 77 Resp: 36312
Ion Ratio Lower Upper
77 100
105 90.6 73.6 113.6
106 80.8 56.7 96.7



#10
Phenol
Concen: 46.879 ng
RT: 7.573 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 94 Resp: 73512
Ion Ratio Lower Upper
94 100
65 30.6 13.3 53.3
66 43.4 26.7 66.7

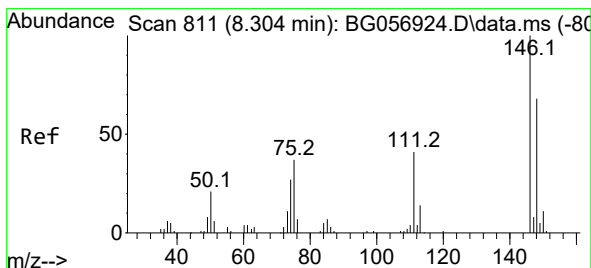
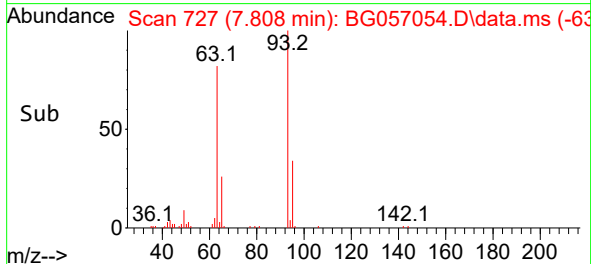
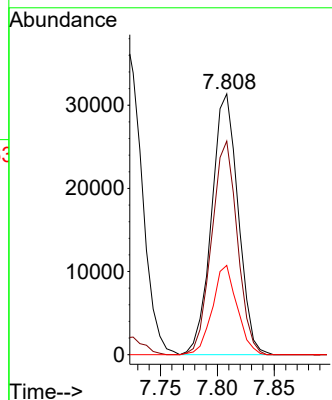
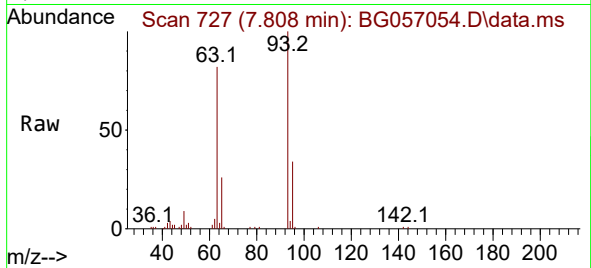




#11
bis(2-Chloroethyl)ether
Concen: 45.693 ng
RT: 7.808 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

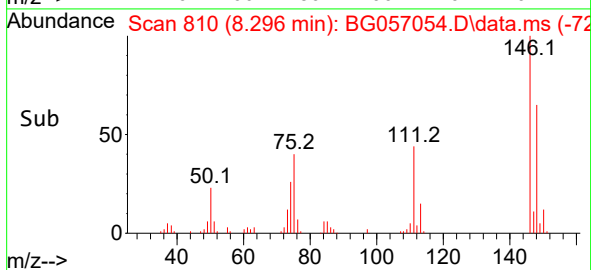
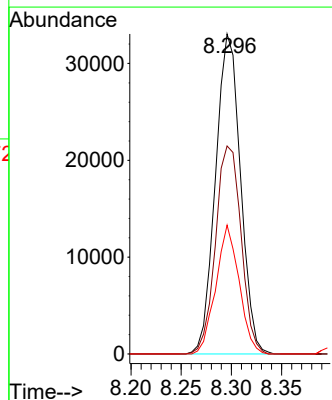
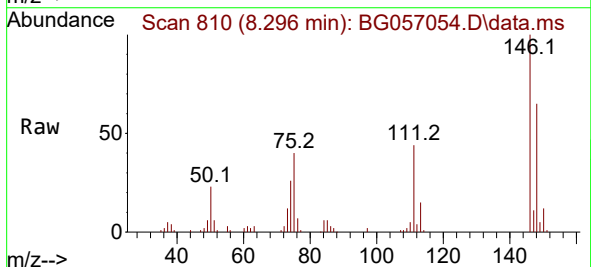
Instrument :
BNA_G
ClientSampleId :
PB152037BS

Tgt Ion: 93 Resp: 51040
Ion Ratio Lower Upper
93 100
63 81.9 62.7 102.7
95 34.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.057 ng
RT: 8.296 min Scan# 810
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:146 Resp: 57131
Ion Ratio Lower Upper
146 100
148 65.0 54.2 81.4
75 40.3 29.8 44.8

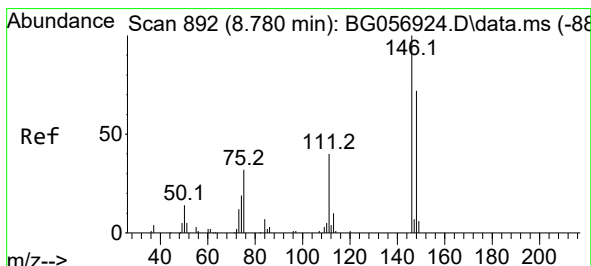
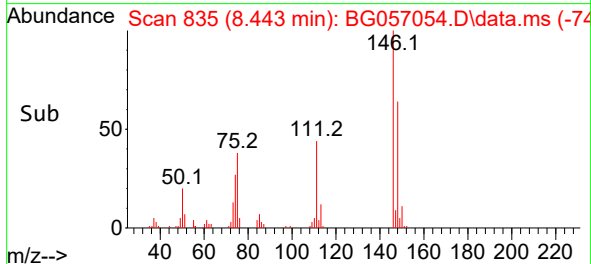
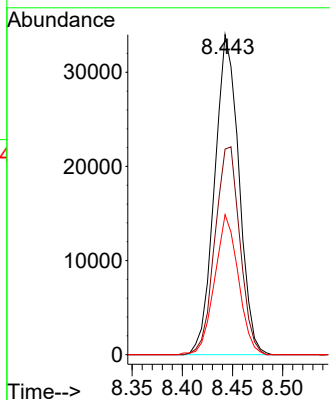
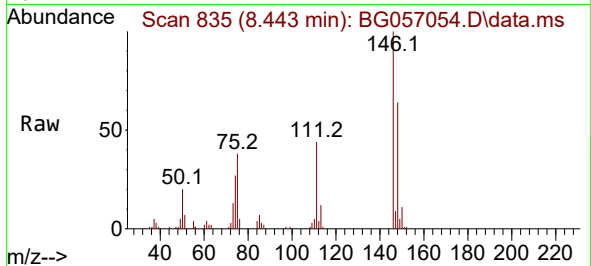




#13
1,4-Dichlorobenzene
Concen: 48.690 ng
RT: 8.443 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

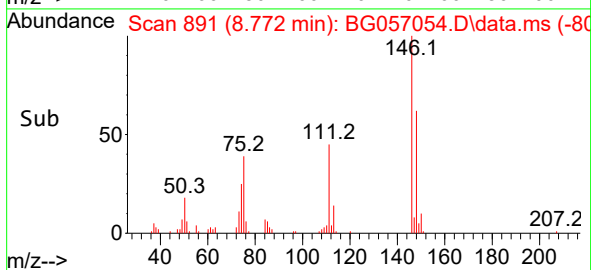
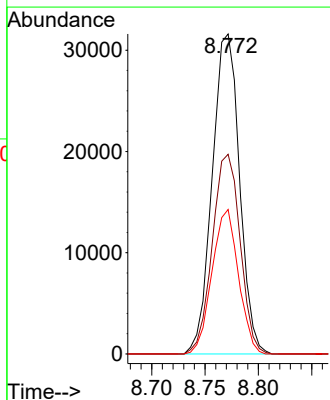
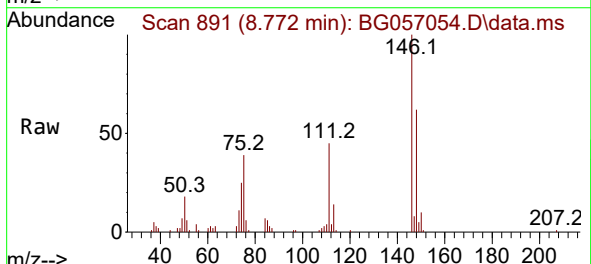
Instrument :
BNA_G
ClientSampleId :
PB152037BS

Tgt Ion:146 Resp: 57229
Ion Ratio Lower Upper
146 100
148 64.3 54.8 82.2
111 43.8 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 49.477 ng
RT: 8.772 min Scan# 891
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:146 Resp: 56184
Ion Ratio Lower Upper
146 100
148 62.4 57.4 86.0
111 45.2 33.2 49.8

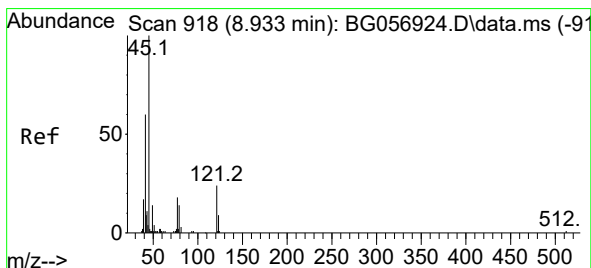
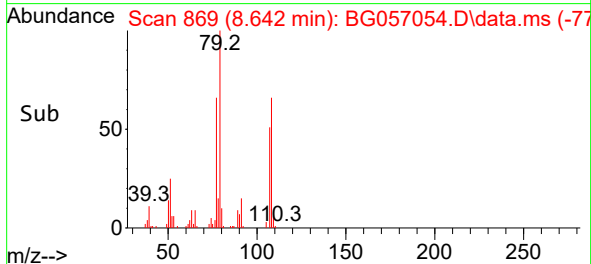
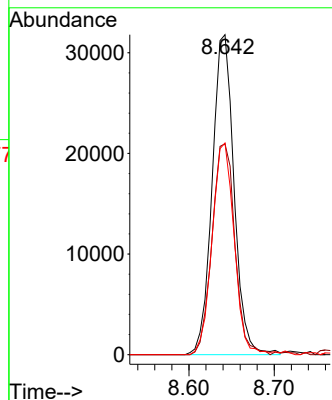
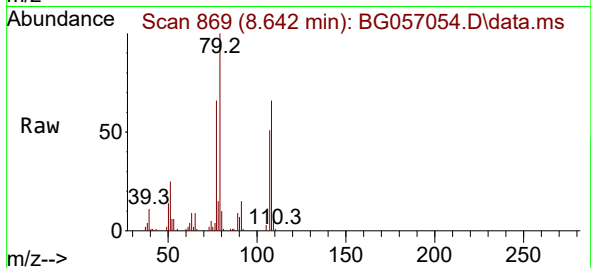




#15
Benzyl Alcohol
Concen: 43.112 ng
RT: 8.642 min Scan# 869
Delta R.T. 0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

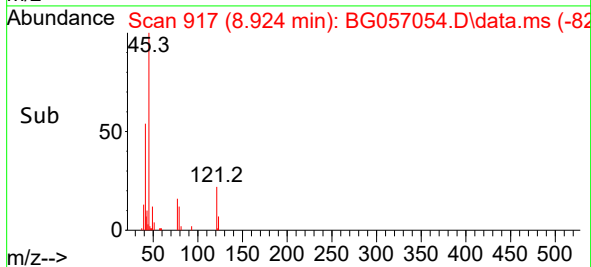
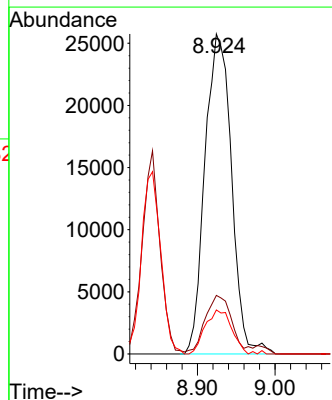
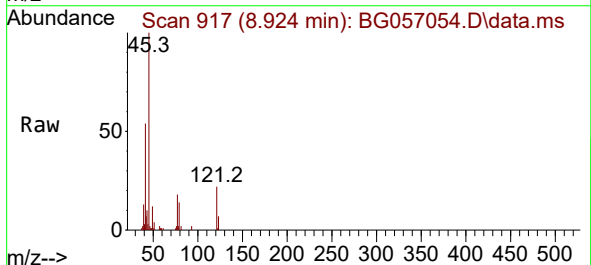
Instrument :
BNA_G
ClientSampleId :
PB152037BS

Tgt Ion: 79 Resp: 56692
Ion Ratio Lower Upper
79 100
108 65.9 51.2 76.8
77 66.1 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.531 ng
RT: 8.924 min Scan# 917
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 45 Resp: 61293
Ion Ratio Lower Upper
45 100
77 18.3 0.0 38.7
79 13.8 0.0 35.1





#17

2-Methylphenol

Concen: 43.373 ng

RT: 8.842 min Scan# 90

Delta R.T. -0.000 min

Lab File: BG057054.D

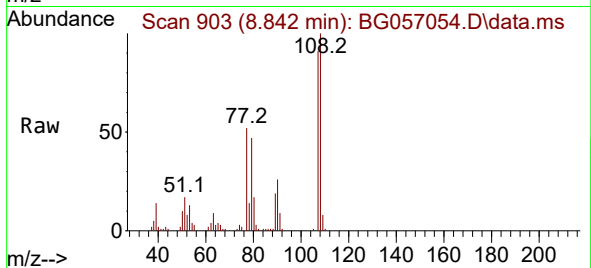
Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS



Tgt Ion:107 Resp: 48524

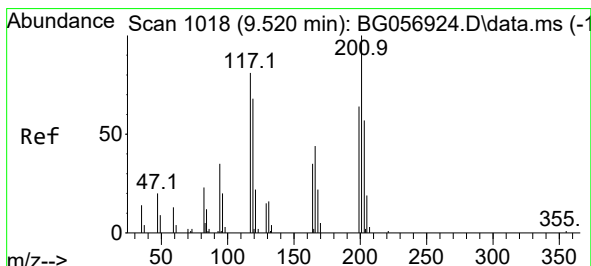
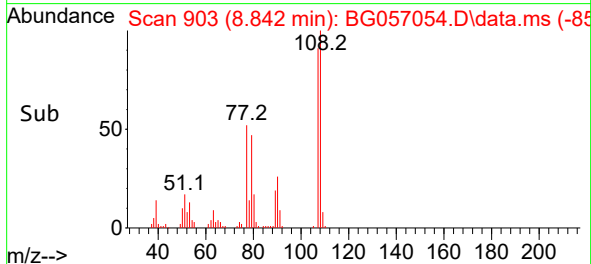
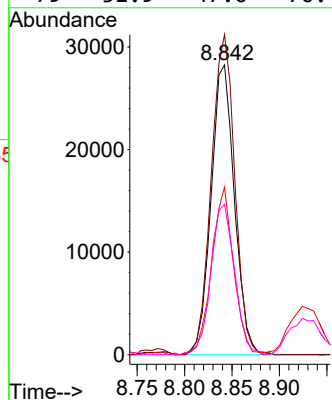
Ion Ratio Lower Upper

107 100

108 110.4 96.0 144.0

77 57.9 45.6 68.4

79 51.9 47.0 70.4



#18

Hexachloroethane

Concen: 48.221 ng

RT: 9.512 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

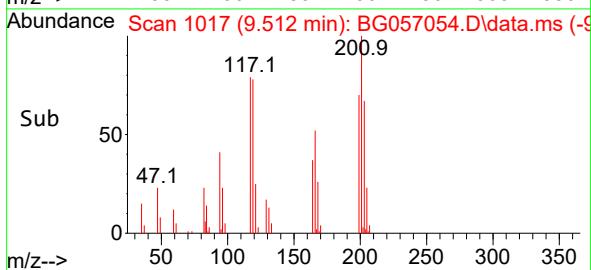
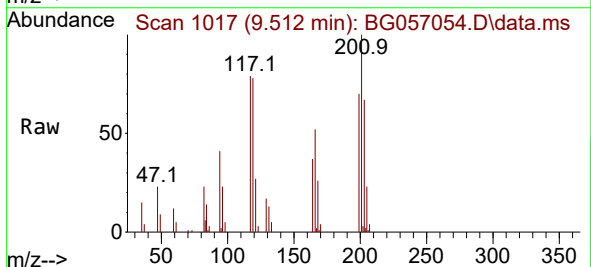
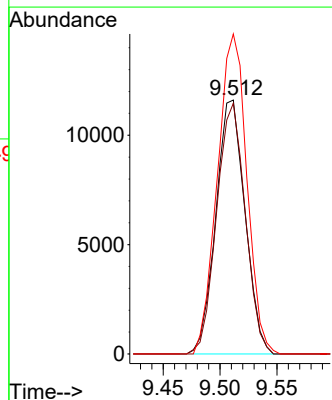
Tgt Ion:117 Resp: 20716

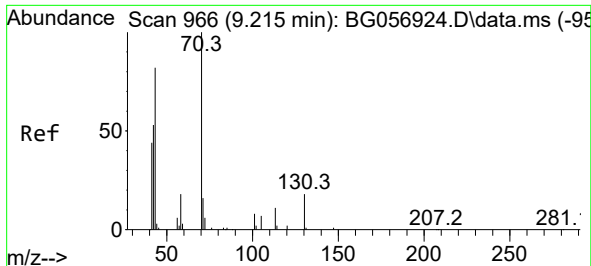
Ion Ratio Lower Upper

117 100

119 98.7 67.0 100.6

201 126.0 98.7 148.1

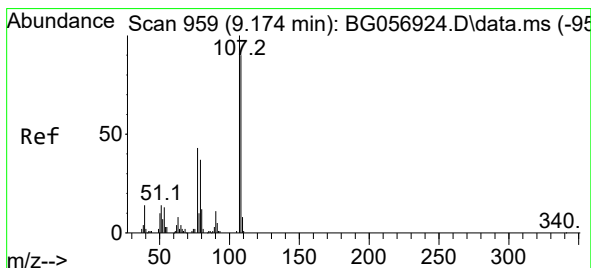
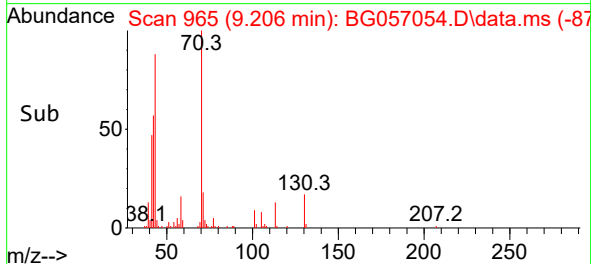
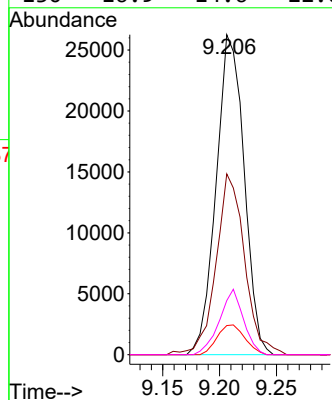
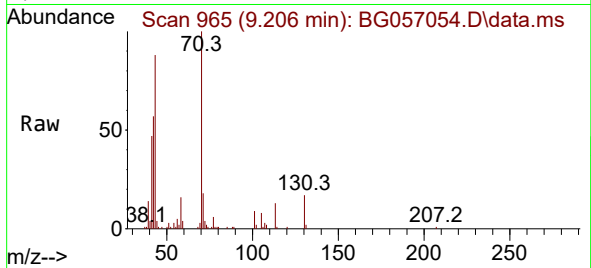




#19
n-Nitroso-di-n-propylamine
Concen: 39.623 ng
RT: 9.206 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

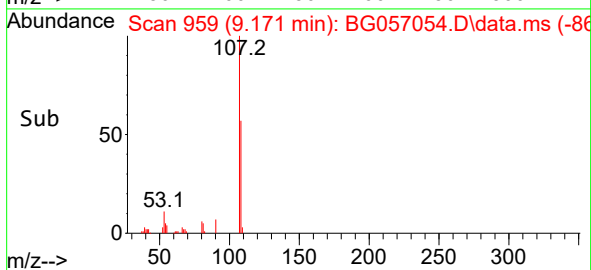
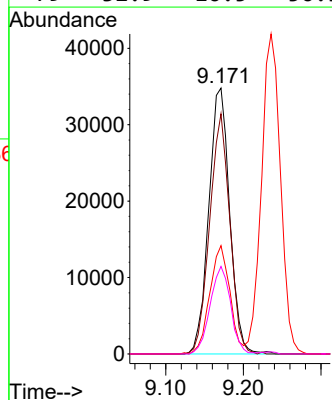
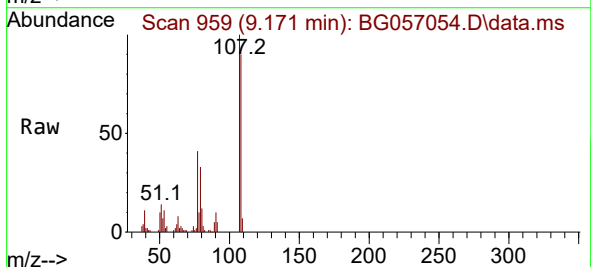
Instrument :
BNA_G
ClientSampleId :
PB152037BS

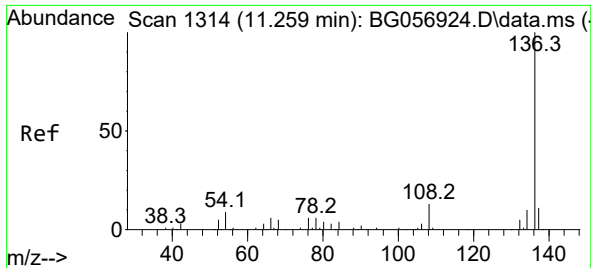
Tgt Ion: 70 Resp: 44852
Ion Ratio Lower Upper
70 100
42 56.5 43.4 65.0
101 9.1 6.2 9.2
130 16.9 14.6 22.0



#20
3+4-Methylphenols
Concen: 41.762 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 107 Resp: 65333
Ion Ratio Lower Upper
107 100
108 90.3 69.9 109.9
77 40.7 22.7 62.7
79 32.9 16.5 56.5





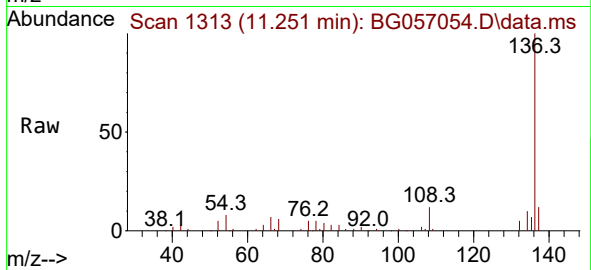
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Instrument :

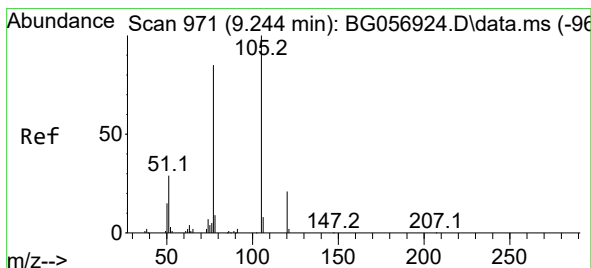
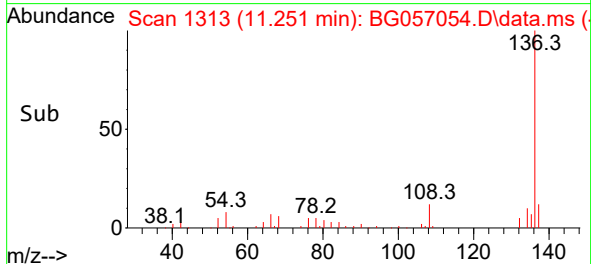
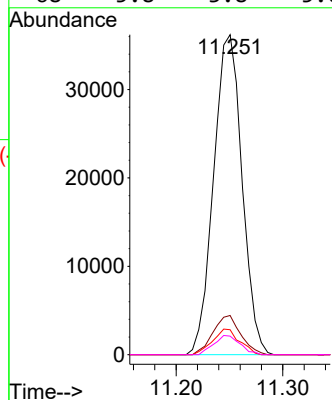
BNA_G

ClientSampleId :

PB152037BS

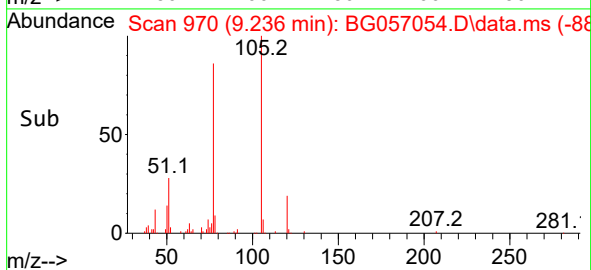
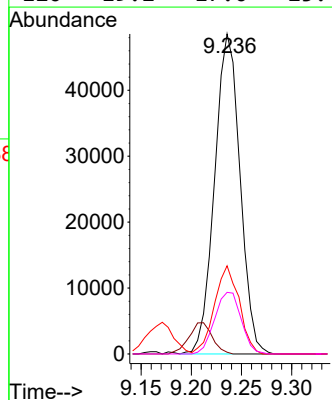
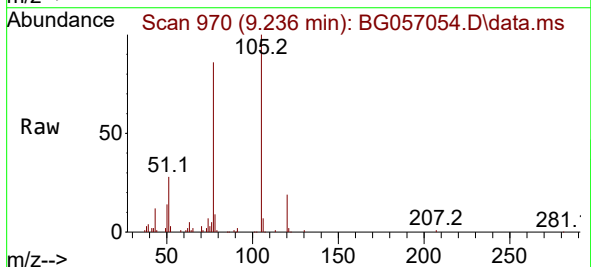


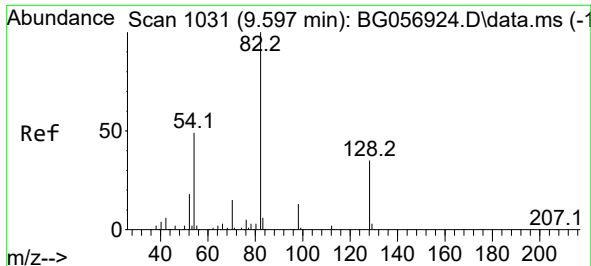
Tgt Ion:136 Resp: 66974
Ion Ratio Lower Upper
136 100
137 12.3 8.6 13.0
54 7.8 6.9 10.3
68 5.8 3.8 5.6#



#22
Acetophenone
Concen: 42.872 ng
RT: 9.236 min Scan# 970
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:105 Resp: 85440
Ion Ratio Lower Upper
105 100
71 0.5 0.7 1.1#
51 27.6 23.8 35.8
120 19.2 17.0 25.4

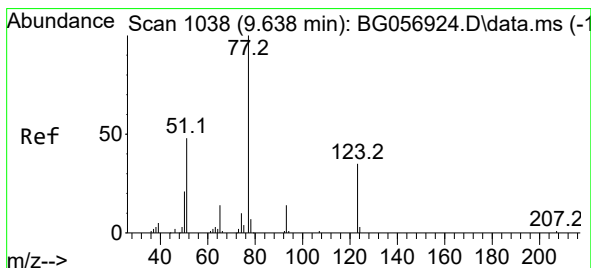
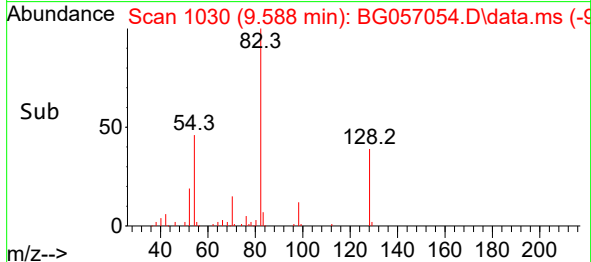
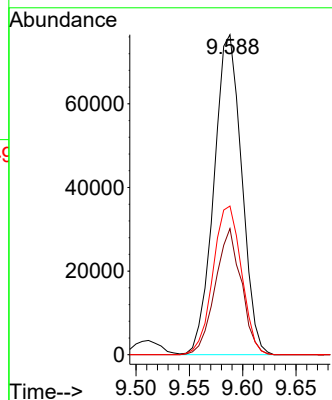
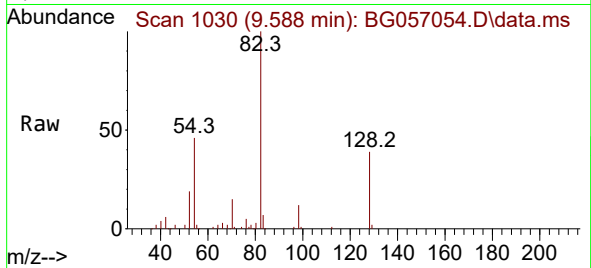




#23
Nitrobenzene-d5
Concen: 84.718 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

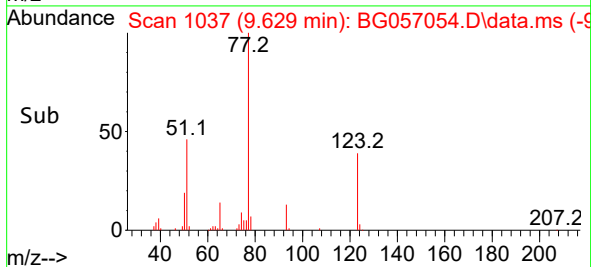
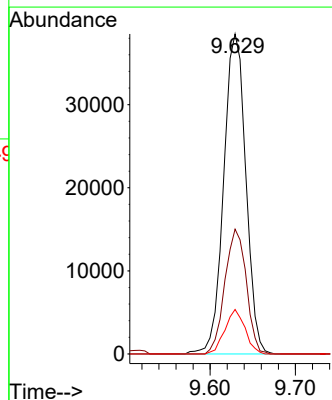
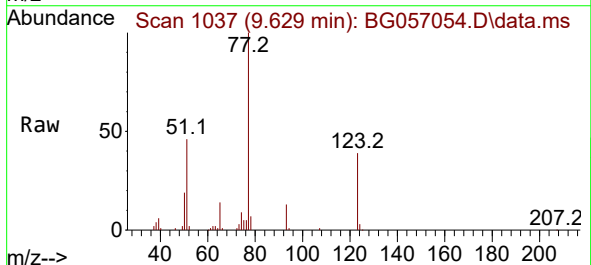
Instrument :
BNA_G
ClientSampleId :
PB152037BS

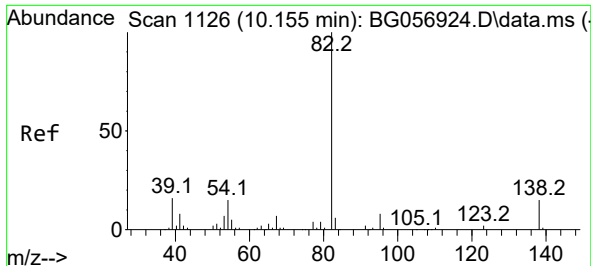
Tgt Ion: 82 Resp: 138666
Ion Ratio Lower Upper
82 100
128 39.4 27.9 41.9
54 46.5 39.4 59.2



#24
Nitrobenzene
Concen: 41.487 ng
RT: 9.629 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 77 Resp: 69426
Ion Ratio Lower Upper
77 100
123 39.0 27.6 41.4
65 13.9 11.5 17.3

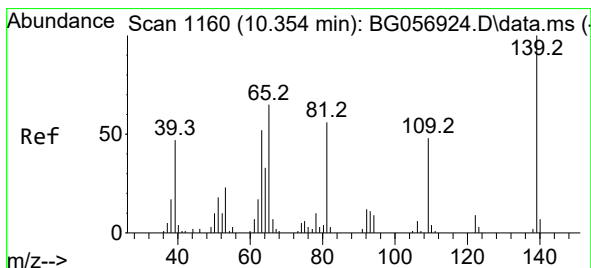
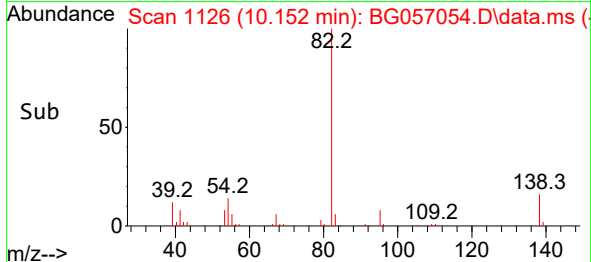
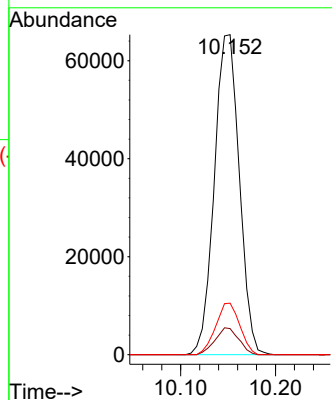
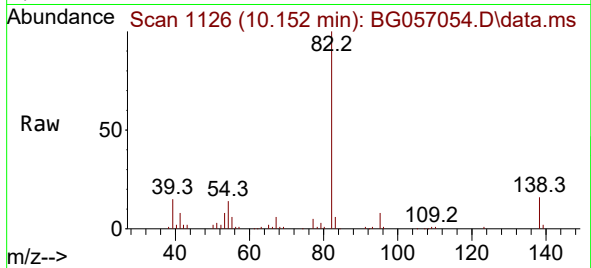




#25
Isophorone
Concen: 38.356 ng
RT: 10.152 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

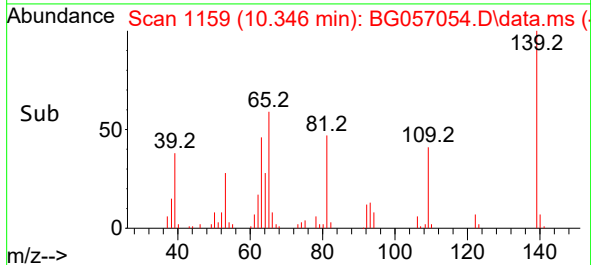
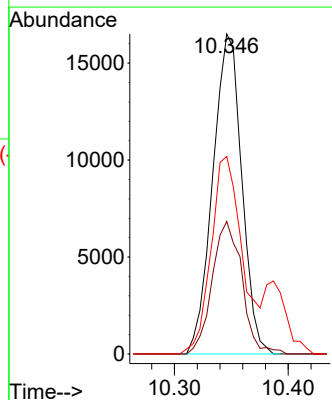
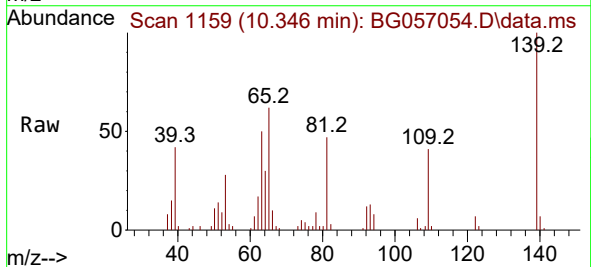
Instrument :
BNA_G
ClientSampleId :
PB152037BS

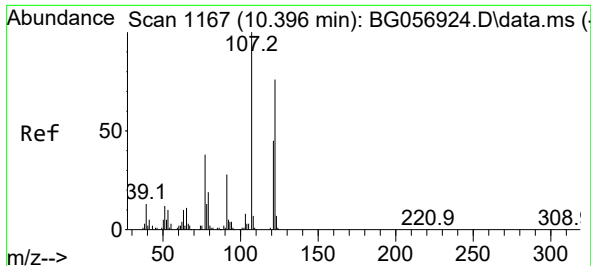
Tgt Ion: 82 Resp: 119551
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 16.1 11.8 17.8



#26
2-Nitrophenol
Concen: 45.248 ng
RT: 10.346 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:139 Resp: 29227
Ion Ratio Lower Upper
139 100
109 41.4 38.2 57.4
65 61.7 51.8 77.8

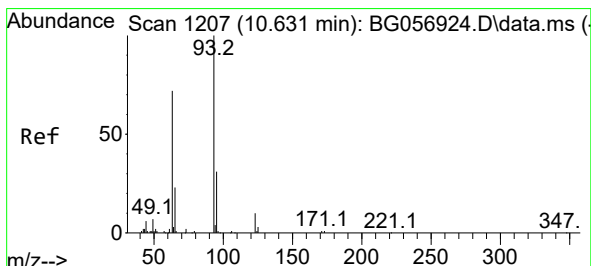
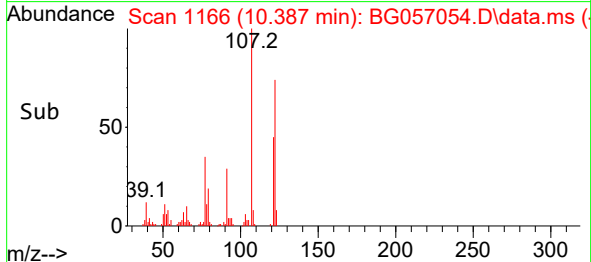
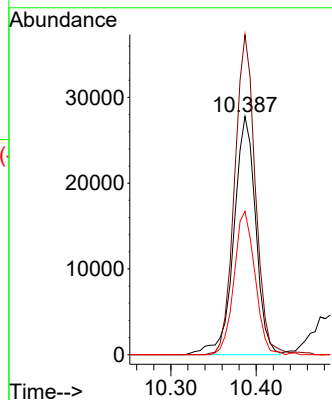
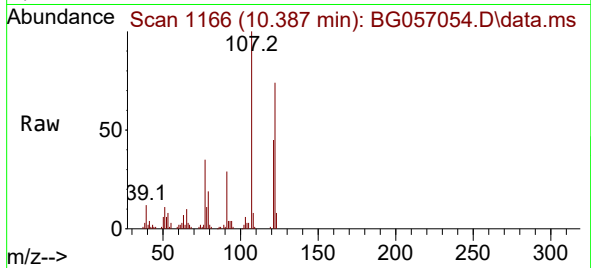




#27
2,4-Dimethylphenol
Concen: 43.443 ng
RT: 10.387 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

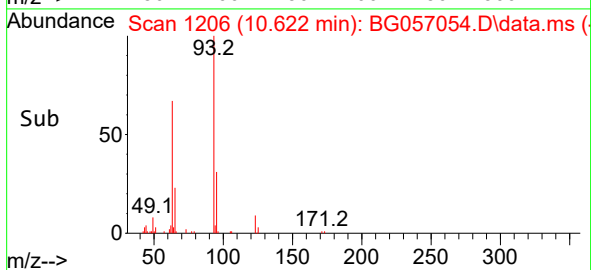
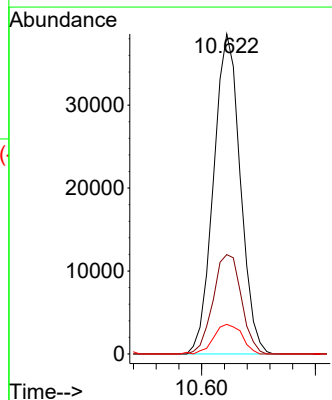
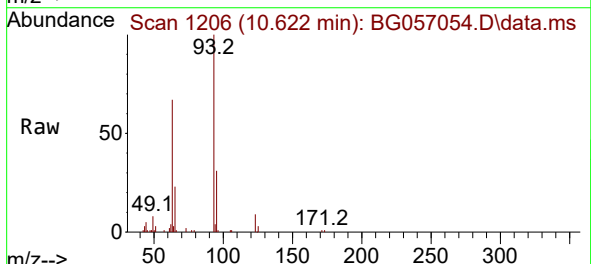
Instrument :
BNA_G
ClientSampleId :
PB152037BS

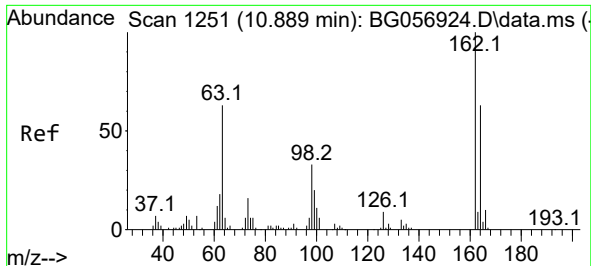
Tgt Ion:122 Resp: 49545
Ion Ratio Lower Upper
122 100
107 134.3 105.7 158.5
121 60.1 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.360 ng
RT: 10.622 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 93 Resp: 62980
Ion Ratio Lower Upper
93 100
95 31.1 24.6 37.0
123 9.2 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 42.024 ng

RT: 10.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

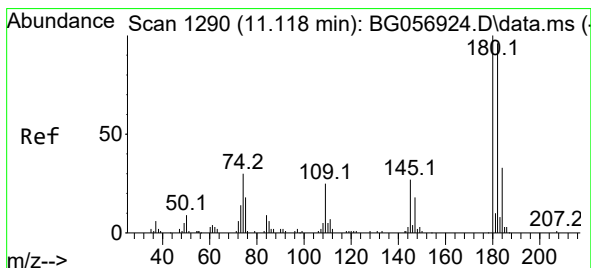
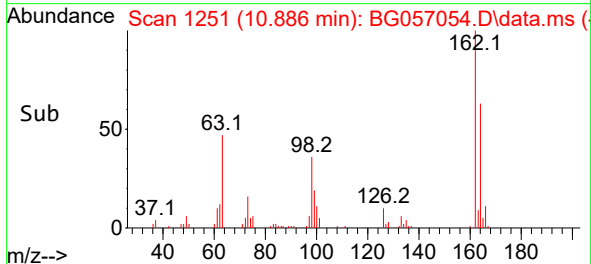
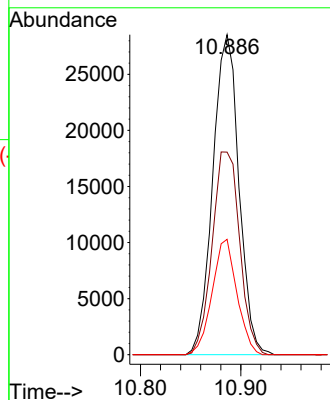
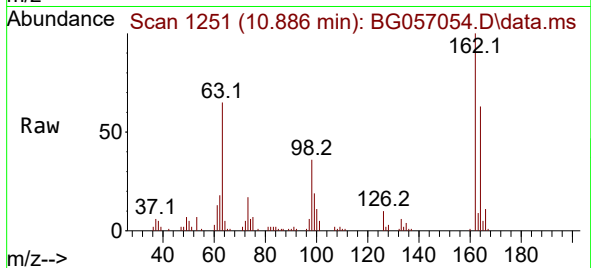
Tgt Ion:162 Resp: 51543

Ion Ratio Lower Upper

162 100

164 63.3 43.4 83.4

98 36.0 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 44.826 ng

RT: 11.104 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

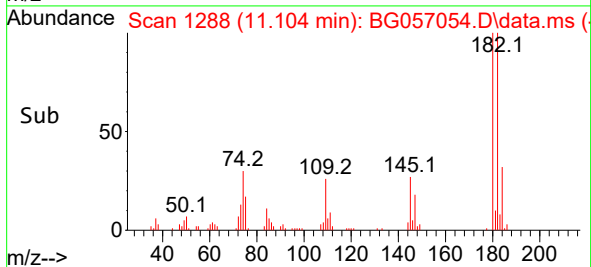
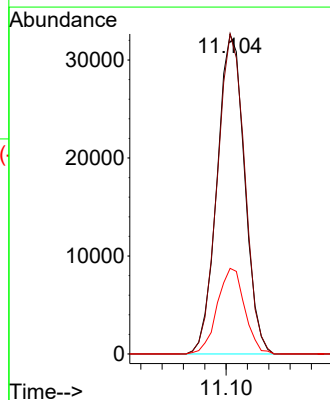
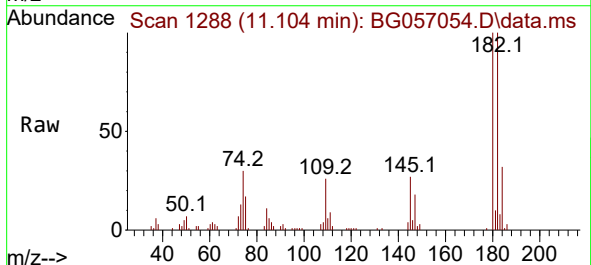
Tgt Ion:180 Resp: 58417

Ion Ratio Lower Upper

180 100

182 100.0 77.1 115.7

145 26.8 21.3 31.9

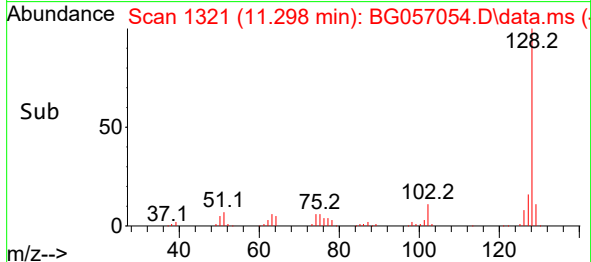
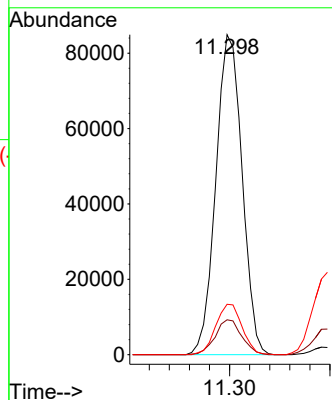
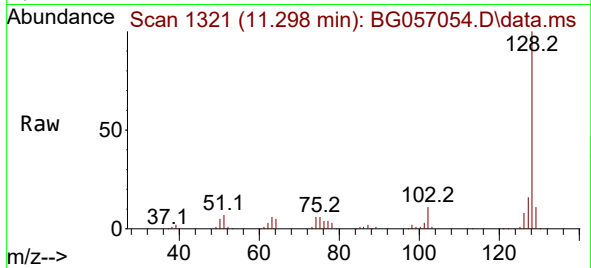




#31
Naphthalene
Concen: 42.167 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

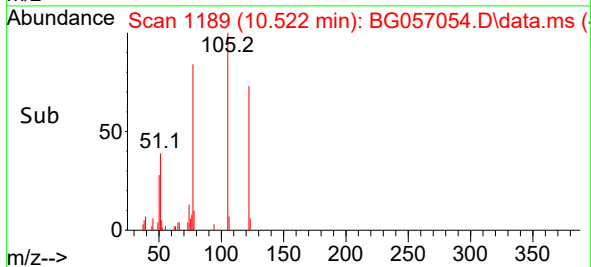
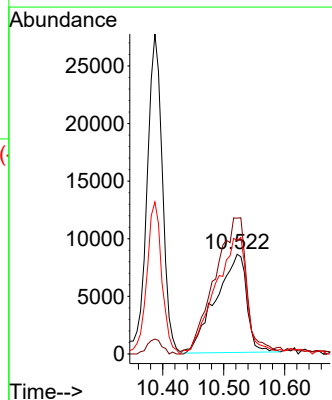
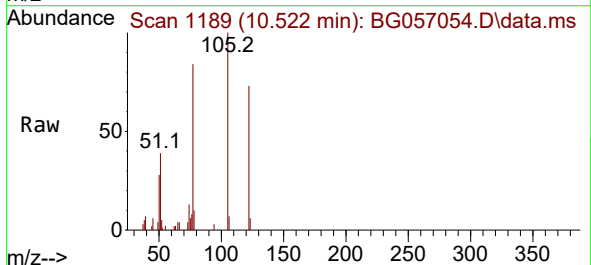
Instrument :
BNA_G
ClientSampleId :
PB152037BS

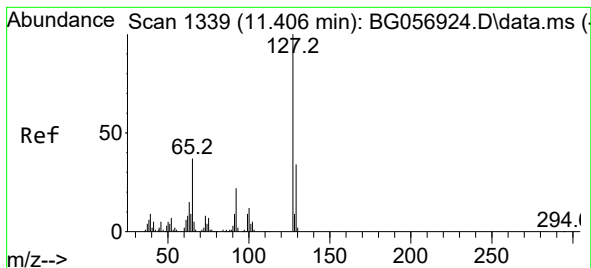
Tgt Ion:128 Resp: 153934
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 15.8 12.2 18.4



#32
Benzoic acid
Concen: 38.369 ng
RT: 10.522 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:122 Resp: 30058
Ion Ratio Lower Upper
122 100
105 136.3 105.4 145.4
77 113.9 87.4 127.4

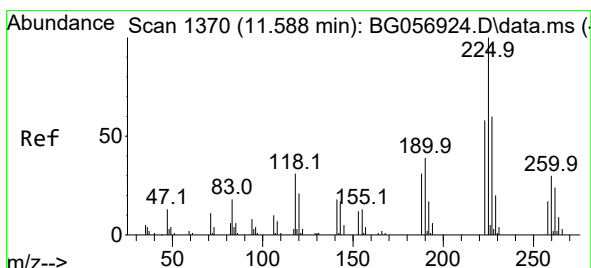
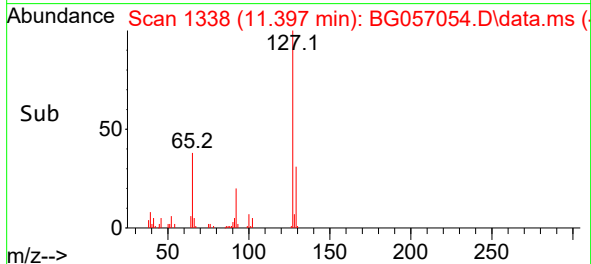
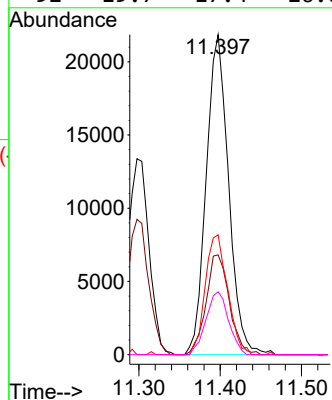
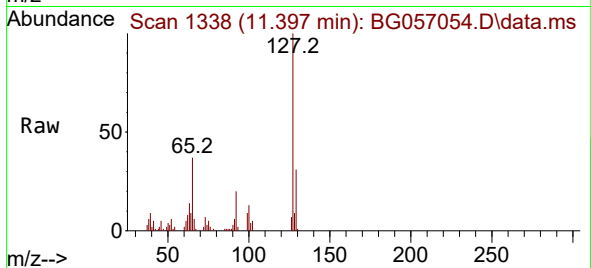




#33
4-Chloroaniline
Concen: 25.405 ng
RT: 11.397 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

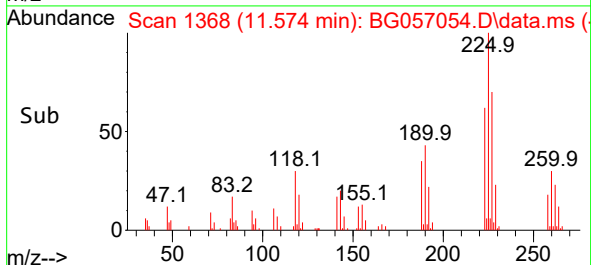
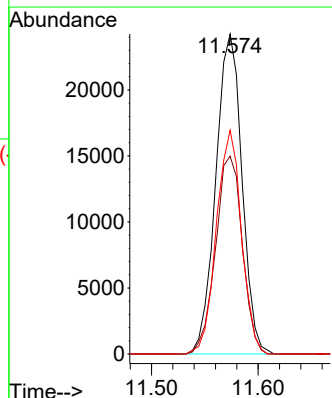
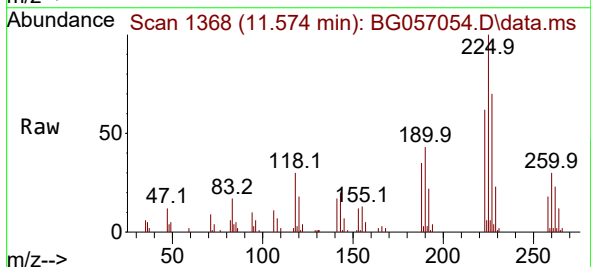
Instrument :
BNA_G
ClientSampleId :
PB152037BS

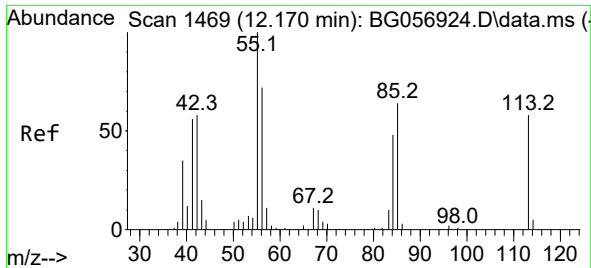
Tgt Ion:	127	Resp:	41886
Ion Ratio	Lower	Upper	
127	100		
129	31.2	27.6	41.4
65	37.5	29.8	44.8
92	19.7	17.4	26.0



#34
Hexachlorobutadiene
Concen: 42.156 ng
RT: 11.574 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:	225	Resp:	41268
Ion Ratio	Lower	Upper	
225	100		
223	61.8	46.4	69.6
227	69.9	48.0	72.0

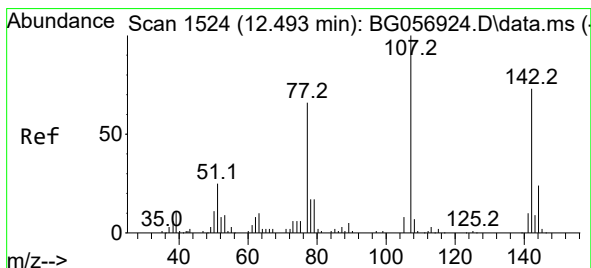
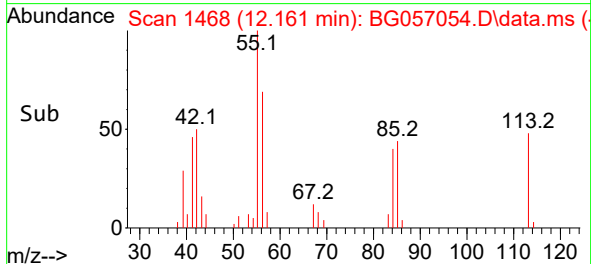
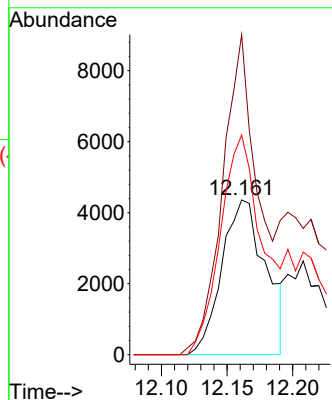
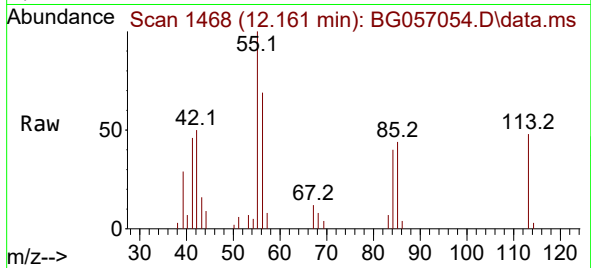




#35
 Caprolactam
 Concen: 23.999 ng
 RT: 12.161 min Scan# 1468
 Delta R.T. -0.012 min
 Lab File: BG057054.D
 Acq: 11 Apr 2023 15:31

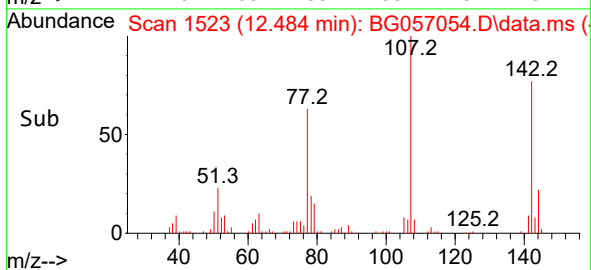
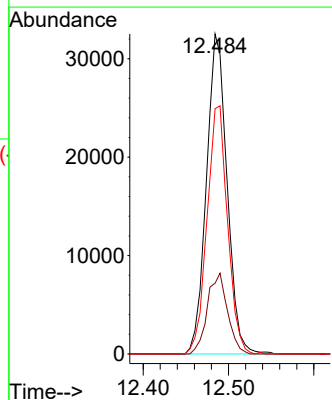
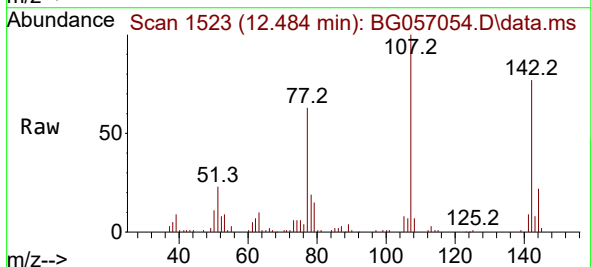
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BS

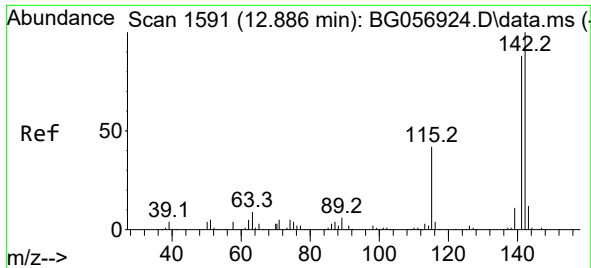
Tgt Ion:113 Resp: 10151
 Ion Ratio Lower Upper
 113 100
 55 206.7 151.6 191.6#
 56 141.9 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.797 ng
 RT: 12.484 min Scan# 1523
 Delta R.T. -0.006 min
 Lab File: BG057054.D
 Acq: 11 Apr 2023 15:31

Tgt Ion:107 Resp: 54587
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.0 28.4
 142 76.7 58.6 88.0

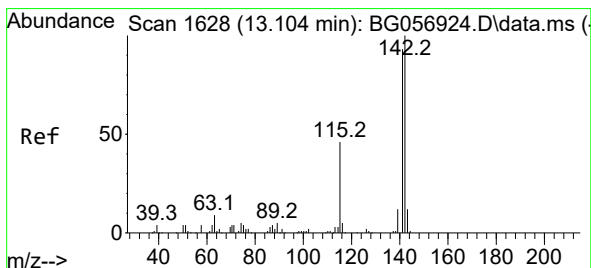
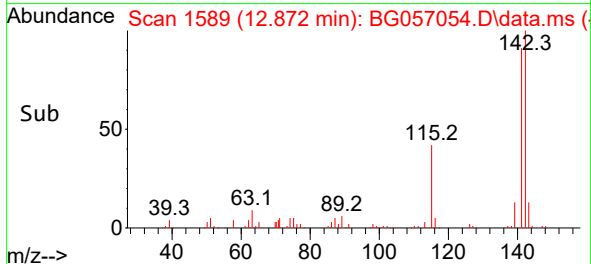
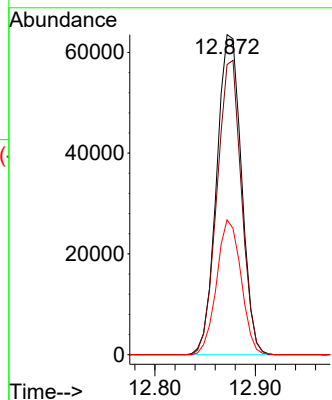
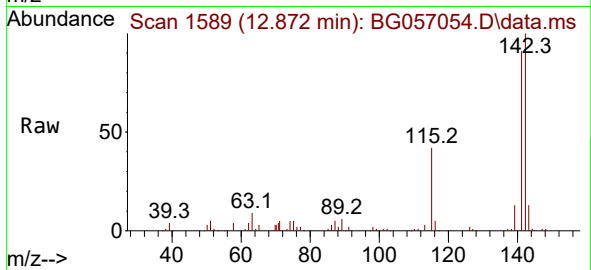




#37
2-Methylnaphthalene
Concen: 37.517 ng
RT: 12.872 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

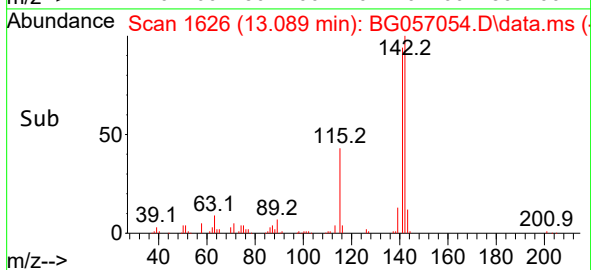
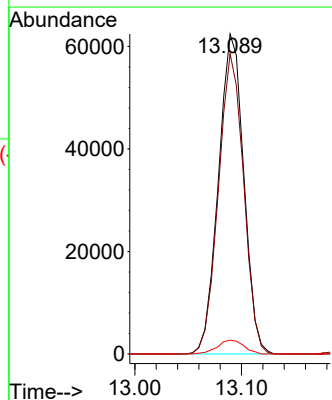
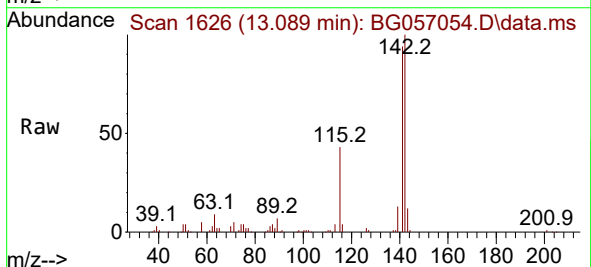
Instrument :
BNA_G
ClientSampleId :
PB152037BS

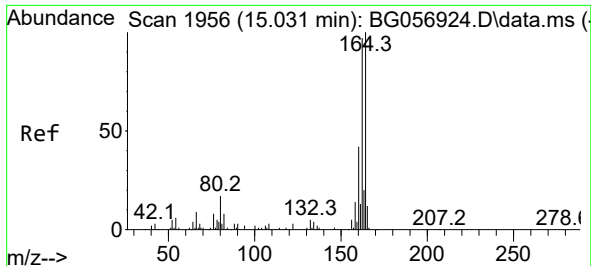
Tgt Ion:142 Resp: 108699
Ion Ratio Lower Upper
142 100
141 90.7 70.3 105.5
115 42.1 33.5 50.3



#38
1-Methylnaphthalene
Concen: 37.746 ng
RT: 13.089 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:142 Resp: 102691
Ion Ratio Lower Upper
142 100
141 93.8 74.0 111.0
116 4.3 3.7 5.5

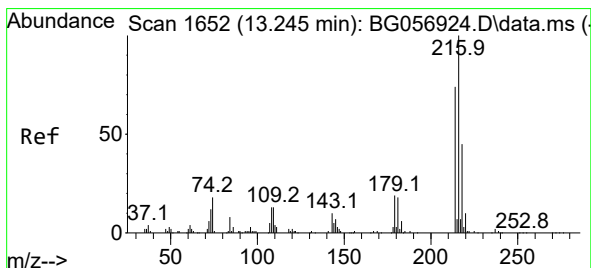
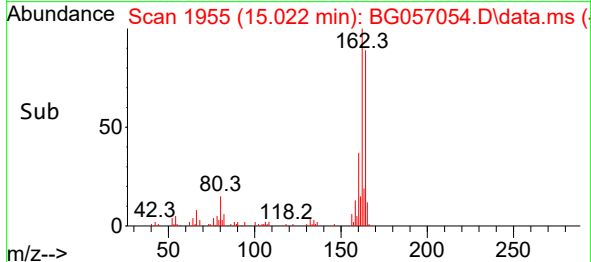
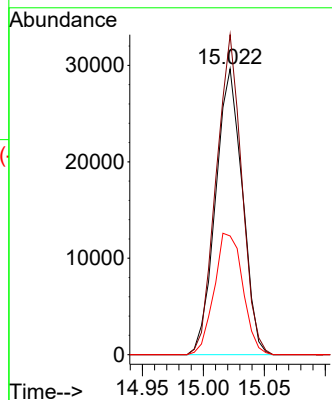
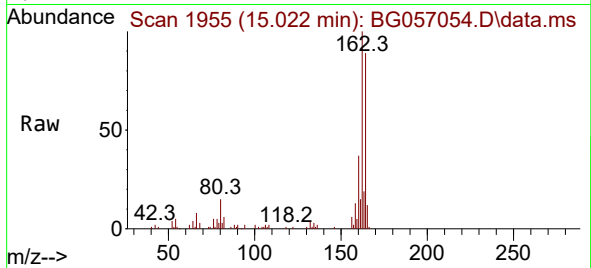




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

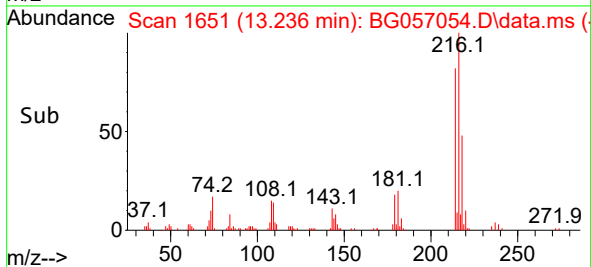
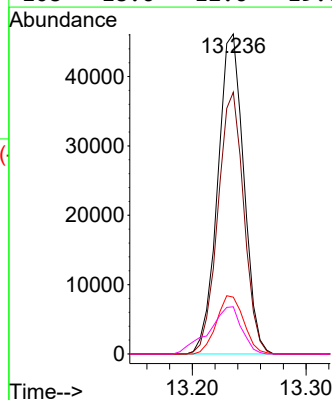
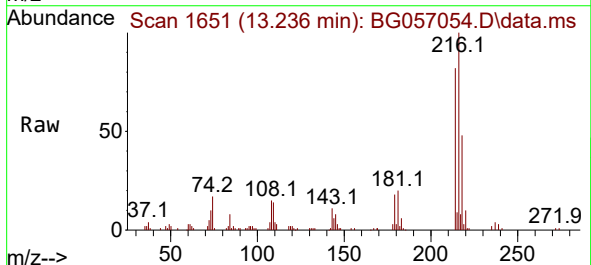
Instrument :
BNA_G
ClientSampleId :
PB152037BS

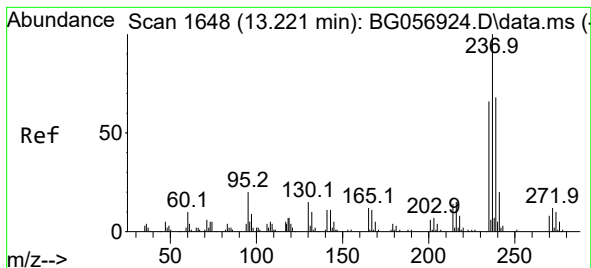
Tgt Ion:164 Resp: 45302
Ion Ratio Lower Upper
164 100
162 111.9 77.8 116.8
160 41.5 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.739 ng
RT: 13.236 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:216 Resp: 73425
Ion Ratio Lower Upper
216 100
214 81.3 63.3 94.9
179 19.0 15.0 22.6
108 18.6 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 125.519 ng

RT: 13.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

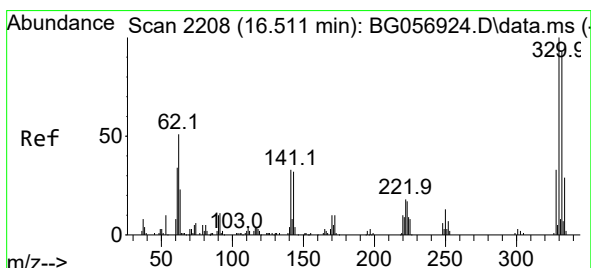
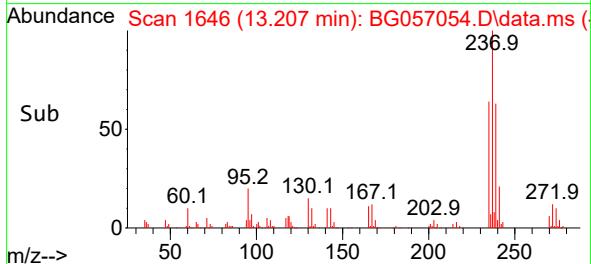
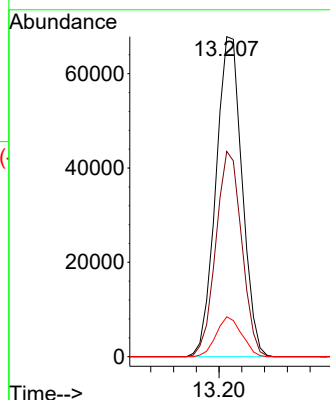
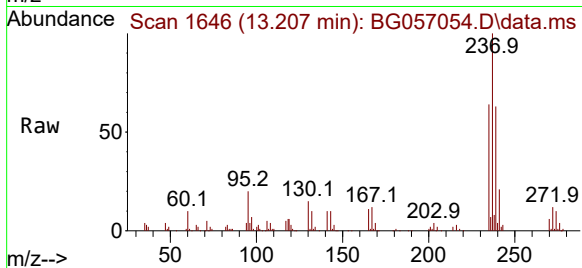
Tgt Ion:237 Resp: 108643

Ion Ratio Lower Upper

237 100

235 64.2 45.9 85.9

272 12.4 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 139.729 ng

RT: 16.502 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

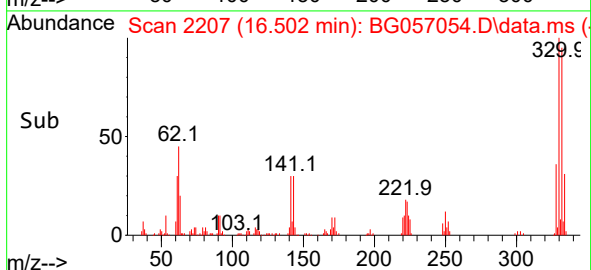
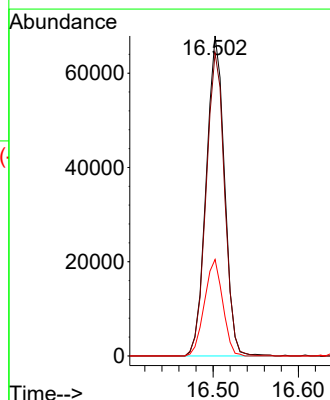
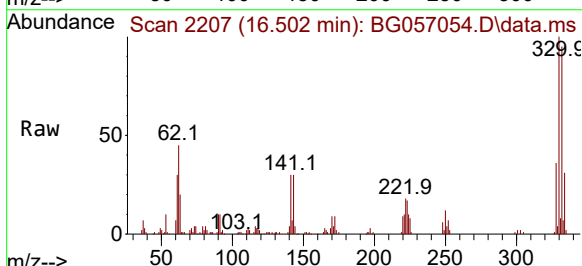
Tgt Ion:330 Resp: 101124

Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

141 30.1 25.8 38.6

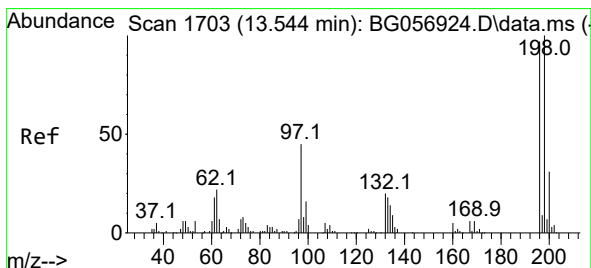
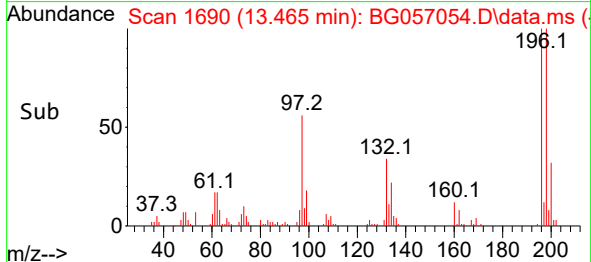
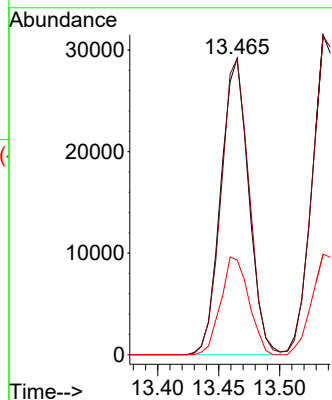
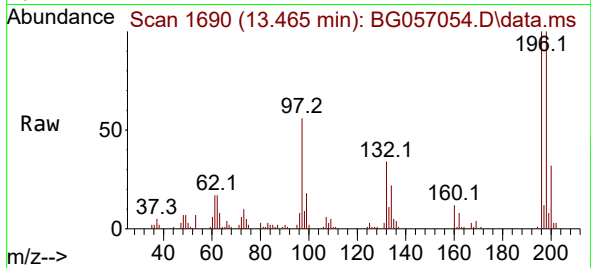




#43
2,4,6-Trichlorophenol
Concen: 46.323 ng
RT: 13.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

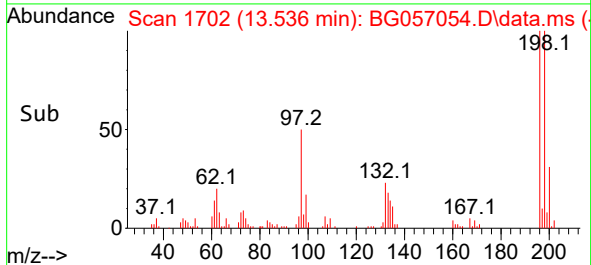
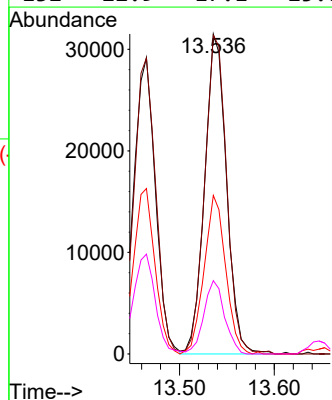
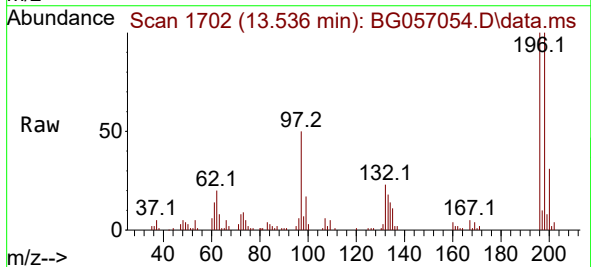
Instrument :
BNA_G
ClientSampleId :
PB152037BS

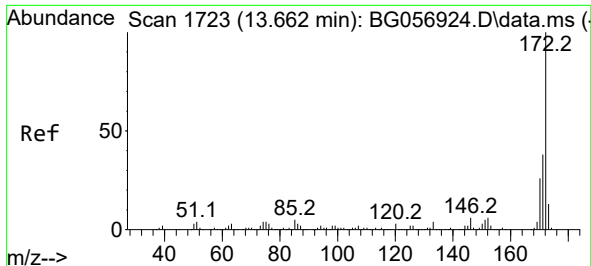
Tgt Ion:196 Resp: 46438
Ion Ratio Lower Upper
196 100
198 99.9 79.1 118.7
200 32.0 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 42.627 ng
RT: 13.536 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:196 Resp: 50623
Ion Ratio Lower Upper
196 100
198 99.6 82.5 123.7
97 49.5 37.0 55.6
132 22.9 17.1 25.7

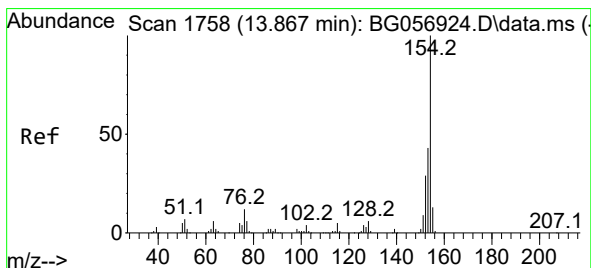
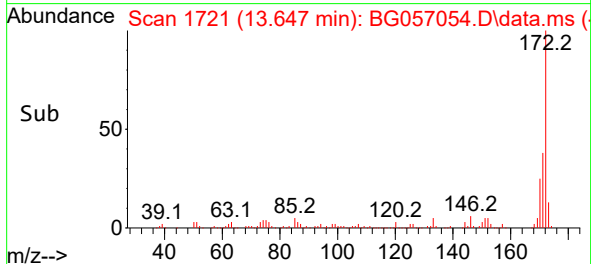
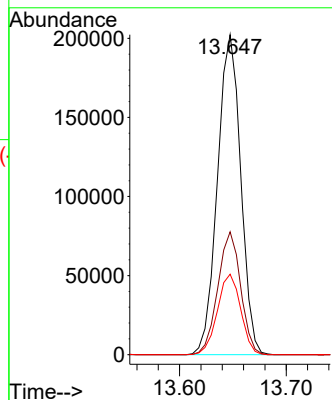
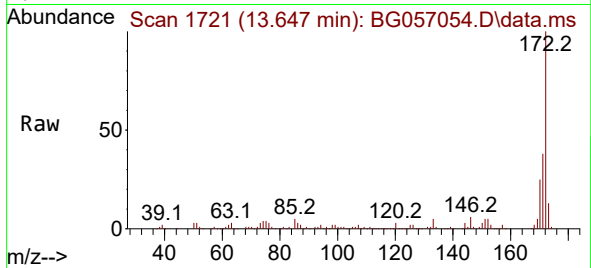




#45
2-Fluorobiphenyl
Concen: 91.614 ng
RT: 13.647 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

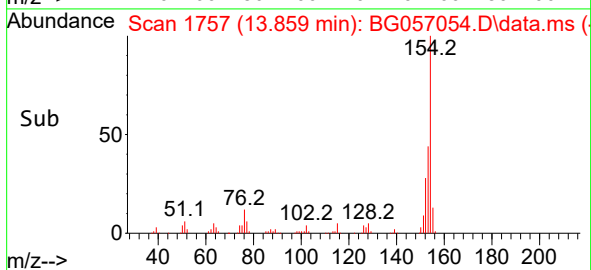
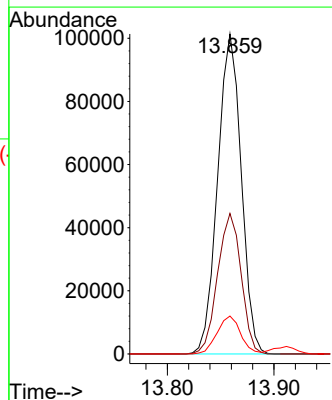
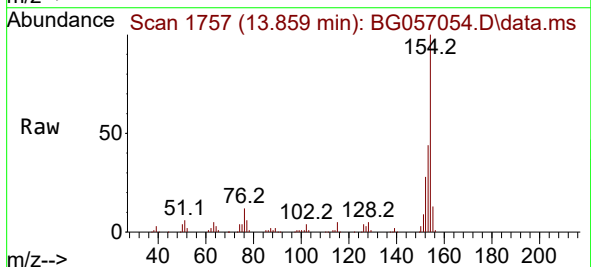
Instrument :
BNA_G
ClientSampleId :
PB152037BS

Tgt Ion:172 Resp: 306066
Ion Ratio Lower Upper
172 100
171 38.4 30.6 46.0
170 25.1 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.878 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:154 Resp: 155458
Ion Ratio Lower Upper
154 100
153 43.9 23.4 63.4
76 11.8 0.0 31.6

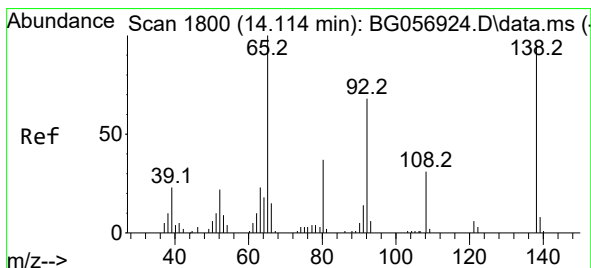
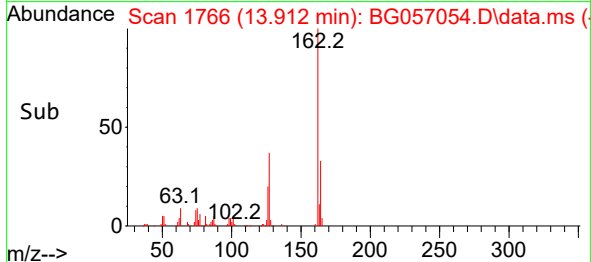
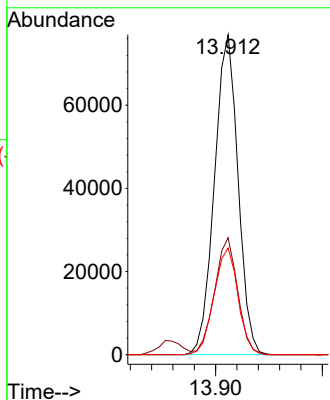
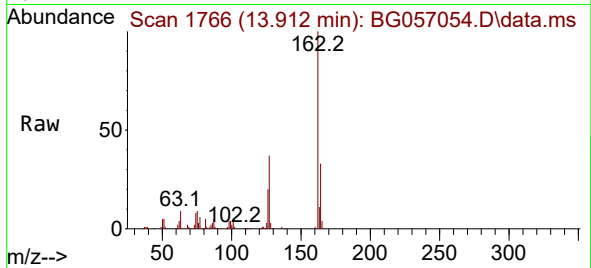




#47
2-Chloronaphthalene
Concen: 48.066 ng
RT: 13.912 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

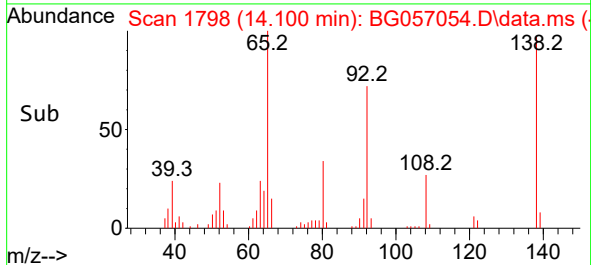
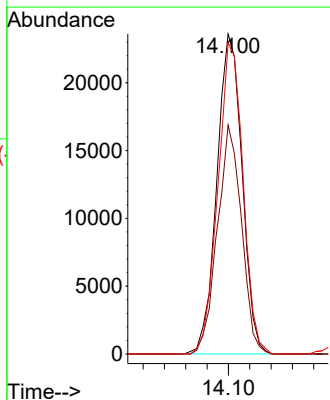
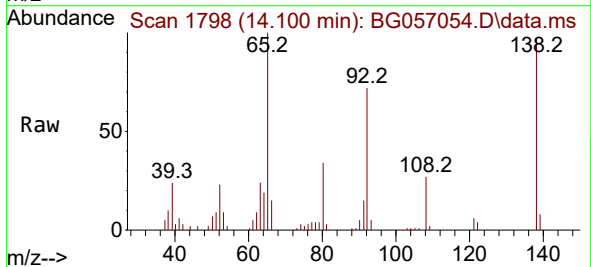
Instrument :
BNA_G
ClientSampleId :
PB152037BS

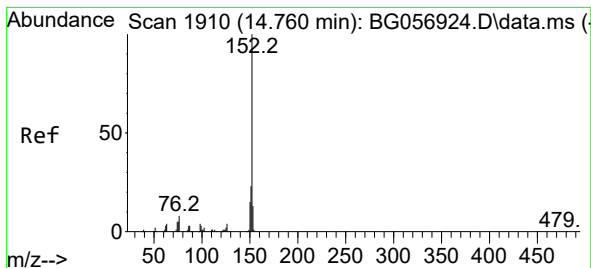
Tgt Ion:162 Resp: 117889
Ion Ratio Lower Upper
162 100
127 36.5 29.5 44.3
164 33.4 25.5 38.3



#48
2-Nitroaniline
Concen: 44.009 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion: 65 Resp: 38596
Ion Ratio Lower Upper
65 100
92 71.5 54.3 81.5
138 97.3 76.0 114.0





#49

Acenaphthylene

Concen: 45.082 ng

RT: 14.752 min Scan# 1910

Delta R.T. -0.000 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

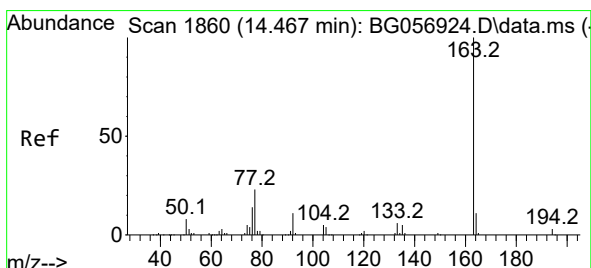
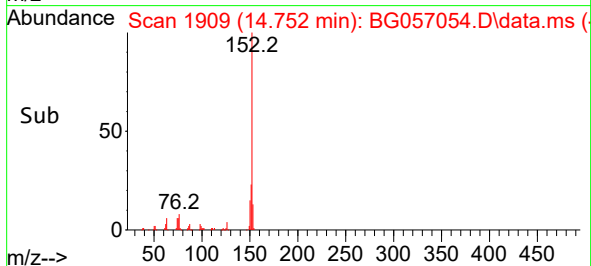
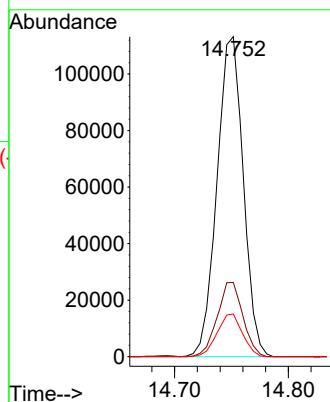
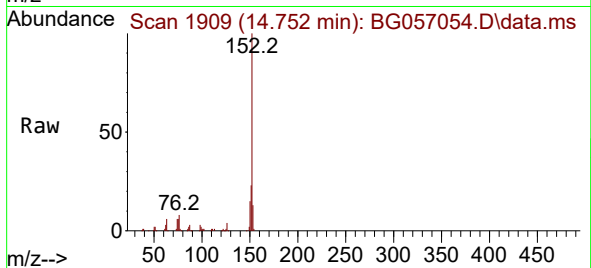
Tgt Ion:152 Resp: 181670

Ion Ratio Lower Upper

152 100

151 23.2 18.2 27.2

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 43.252 ng

RT: 14.458 min Scan# 1859

Delta R.T. -0.000 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

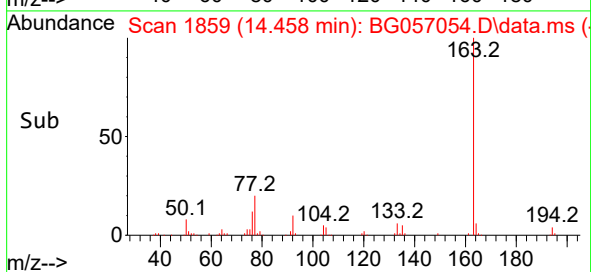
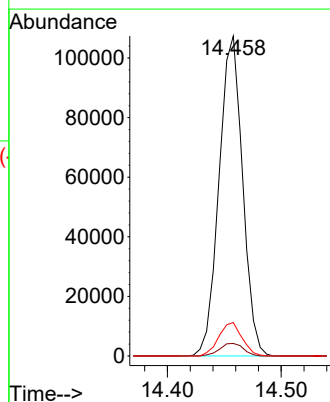
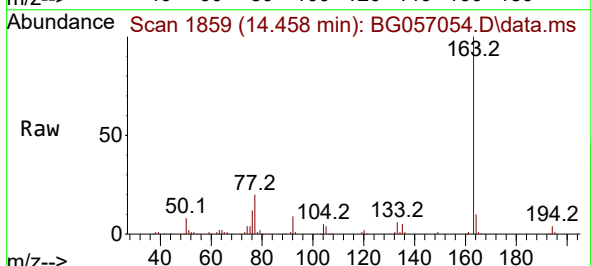
Tgt Ion:163 Resp: 154388

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

164 10.4 8.8 13.2

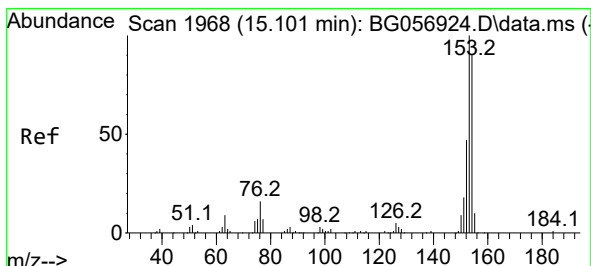
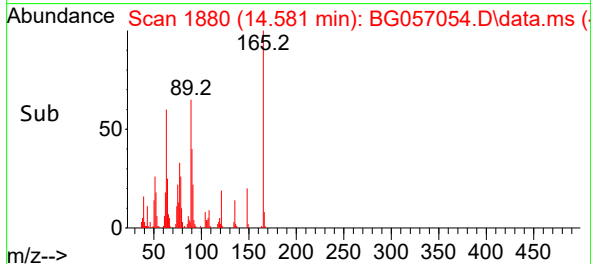
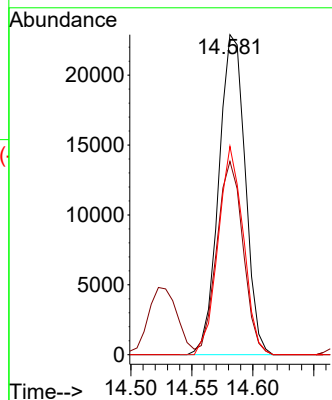
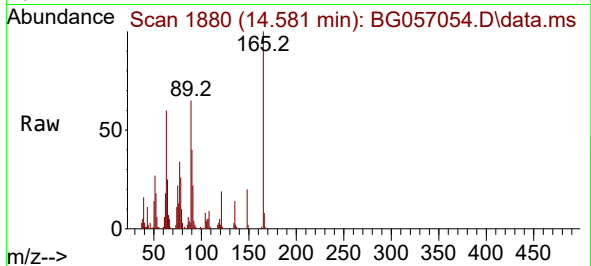




#51
2,6-Dinitrotoluene
Concen: 44.760 ng
RT: 14.581 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

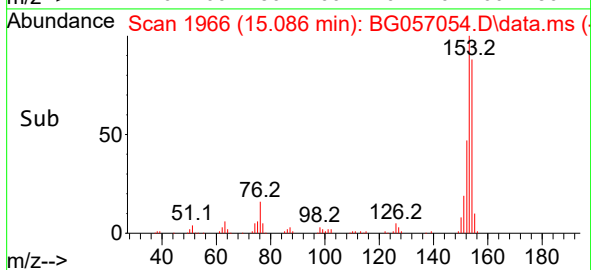
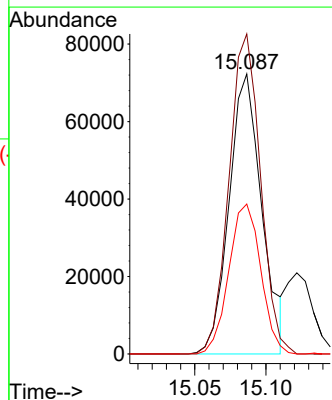
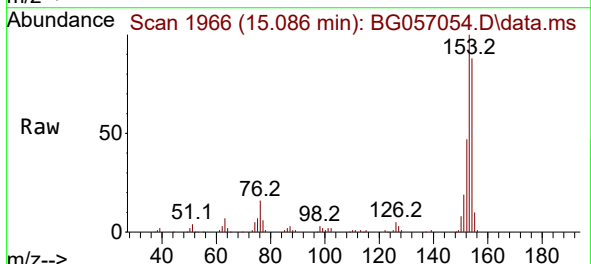
Instrument :
BNA_G
ClientSampleId :
PB152037BS

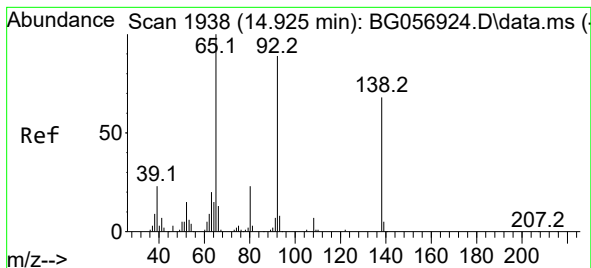
Tgt Ion:165 Resp: 34520
Ion Ratio Lower Upper
165 100
63 60.4 53.0 79.6
89 65.1 51.0 76.4



#52
Acenaphthene
Concen: 41.644 ng
RT: 15.086 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:154 Resp: 115739
Ion Ratio Lower Upper
154 100
153 114.3 88.9 133.3
152 53.6 41.8 62.8

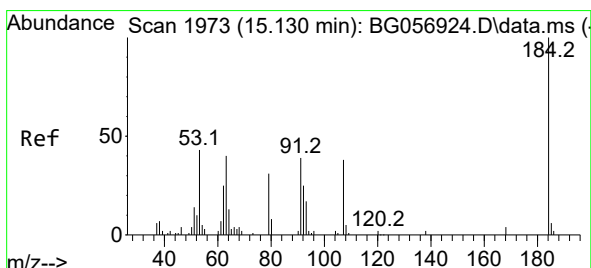
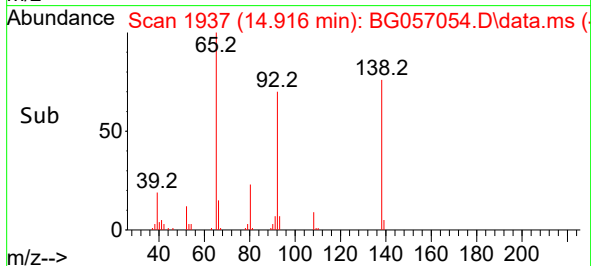
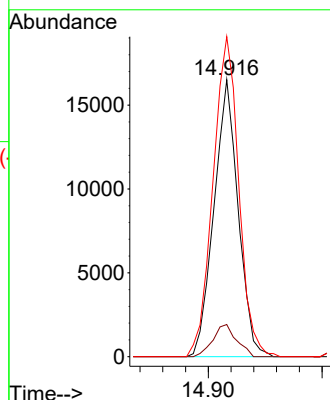
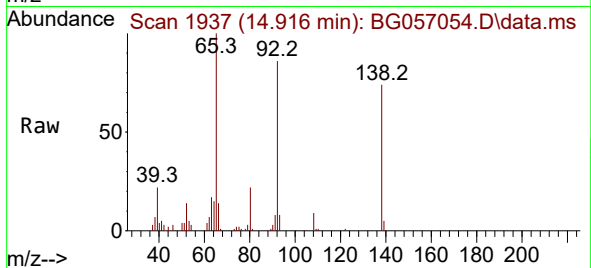




#53
3-Nitroaniline
Concen: 31.935 ng
RT: 14.916 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

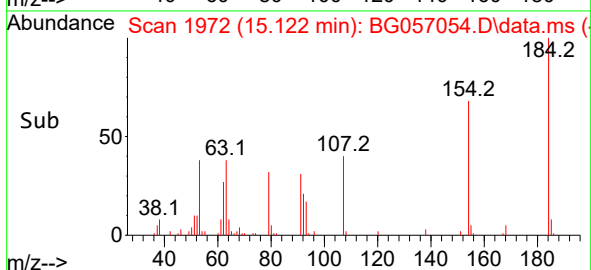
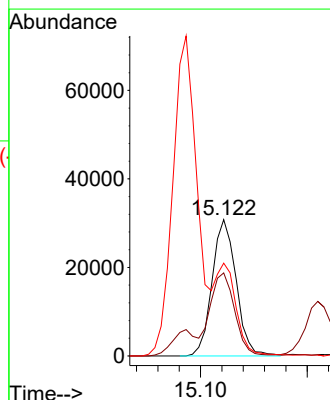
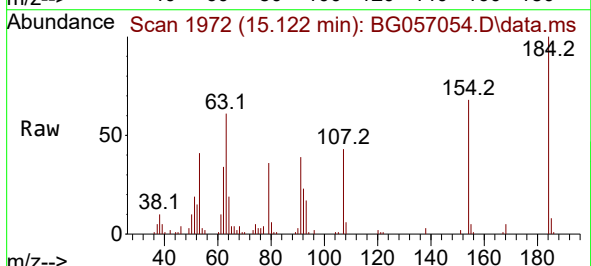
Instrument :
BNA_G
ClientSampleId :
PB152037BS

Tgt Ion:138 Resp: 24378
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.2
92 115.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 110.933 ng
RT: 15.122 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:184 Resp: 48155
Ion Ratio Lower Upper
184 100
63 60.9 46.5 69.7
154 68.1 53.5 80.3

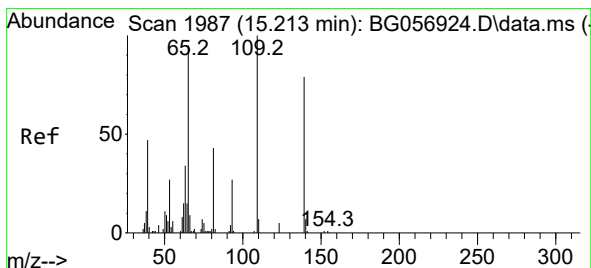
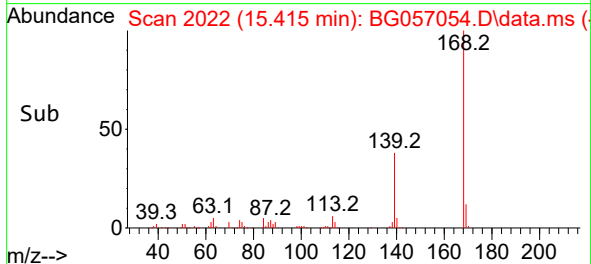
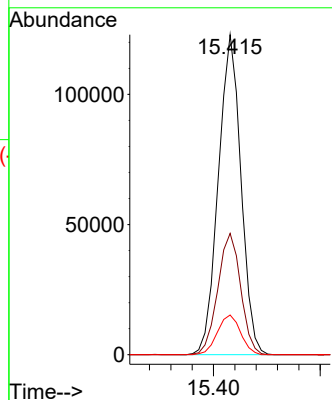
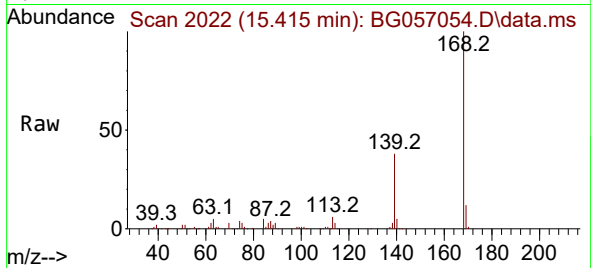




#55
Dibenzenofuran
Concen: 43.301 ng
RT: 15.415 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

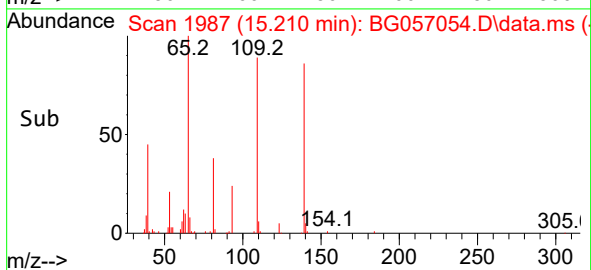
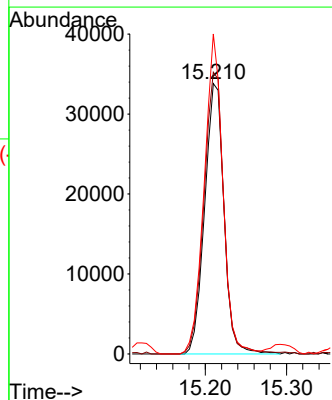
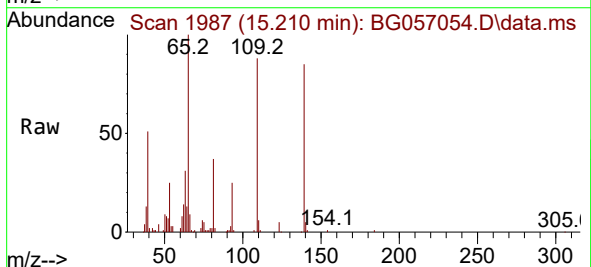
Instrument :
BNA_G
ClientSampleId :
PB152037BS

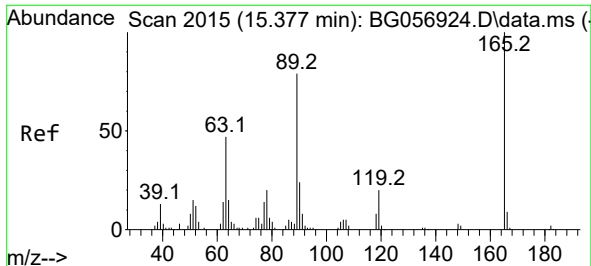
Tgt Ion:168 Resp: 180622
Ion Ratio Lower Upper
168 100
139 37.9 28.9 43.3
169 12.4 9.8 14.6



#56
4-Nitrophenol
Concen: 99.004 ng
RT: 15.210 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:139 Resp: 55886
Ion Ratio Lower Upper
139 100
109 104.2 106.7 146.7#
65 118.3 100.5 140.5

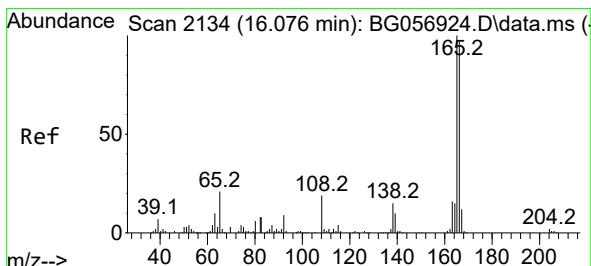
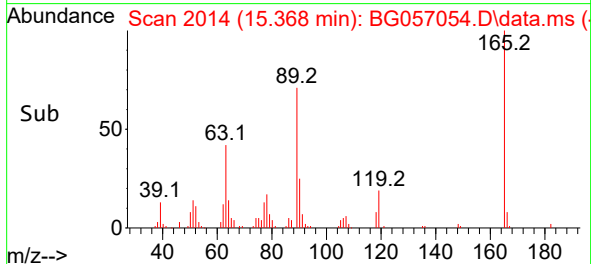
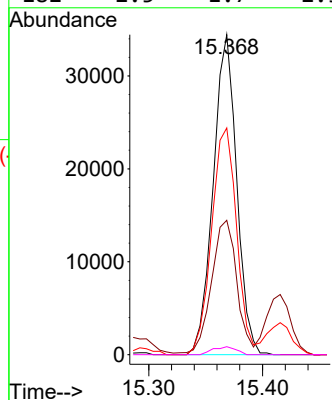
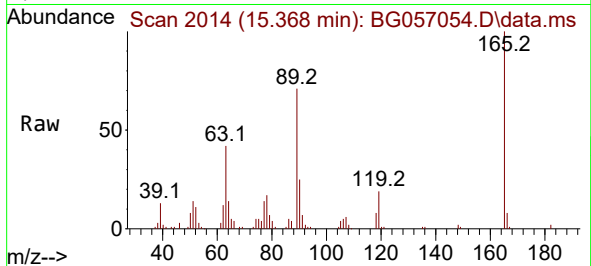




#57
2,4-Dinitrotoluene
Concen: 45.439 ng
RT: 15.368 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

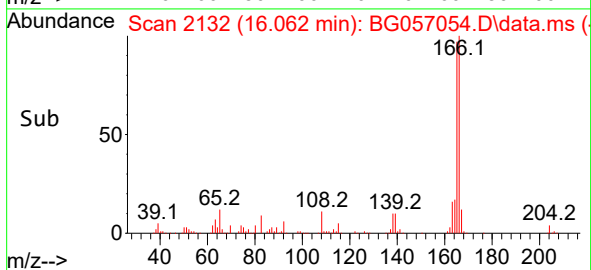
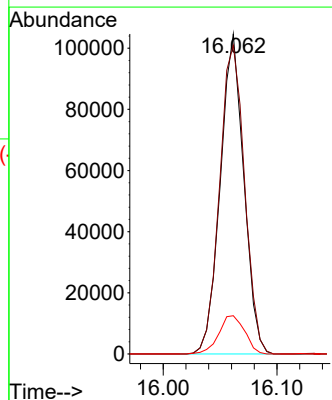
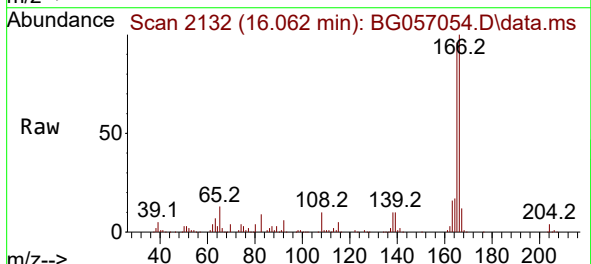
Instrument :
BNA_G
ClientSampleId :
PB152037BS

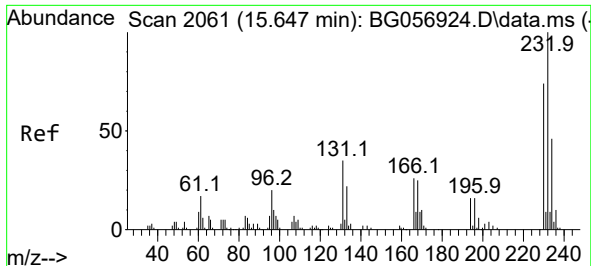
Tgt Ion:165 Resp: 49425
Ion Ratio Lower Upper
165 100
63 42.0 37.7 56.5
89 70.8 63.2 94.8
182 2.5 1.7 2.5



#58
Fluorene
Concen: 43.458 ng
RT: 16.062 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:166 Resp: 150006
Ion Ratio Lower Upper
166 100
165 96.5 82.6 123.8
167 12.0 10.2 15.2

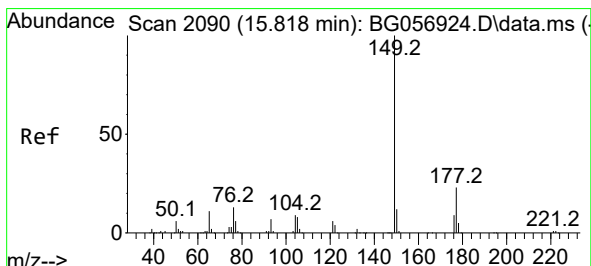
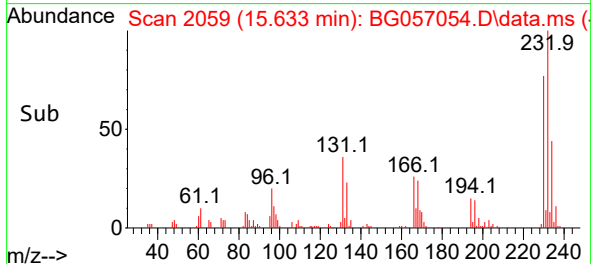
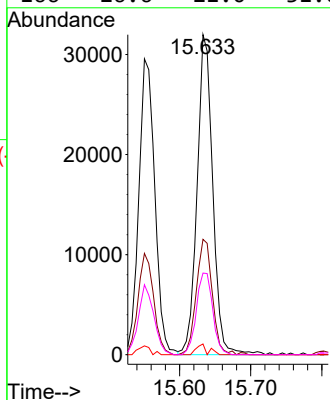
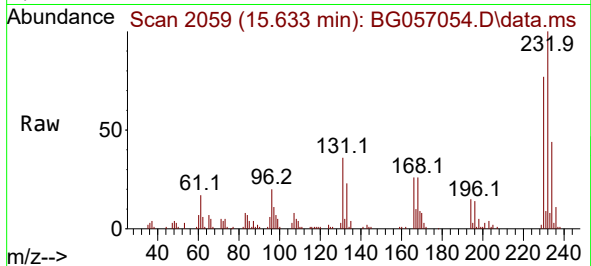




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.476 ng
RT: 15.633 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

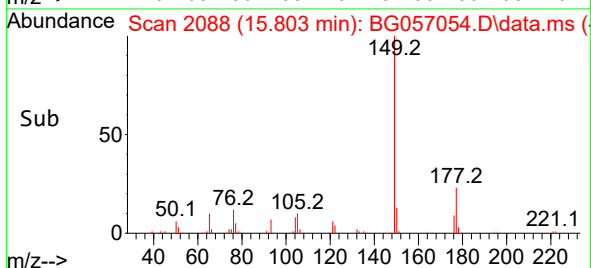
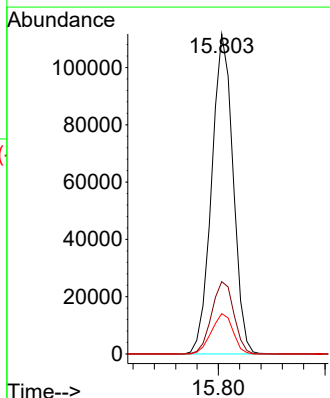
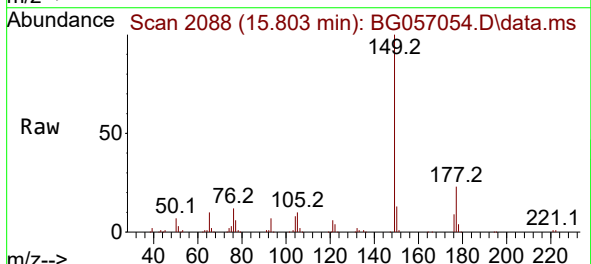
Instrument :
BNA_G
ClientSampleId :
PB152037BS

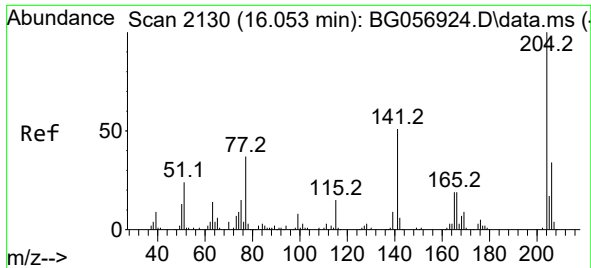
Tgt Ion:232 Resp: 49173
Ion Ratio Lower Upper
232 100
131 36.8 29.3 43.9
130 2.4 1.7 2.5
166 26.6 21.0 31.6



#60
Diethylphthalate
Concen: 43.436 ng
RT: 15.803 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:149 Resp: 155430
Ion Ratio Lower Upper
149 100
177 22.6 18.8 28.2
150 12.6 9.4 14.2

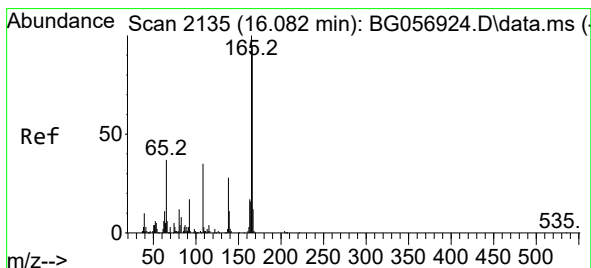
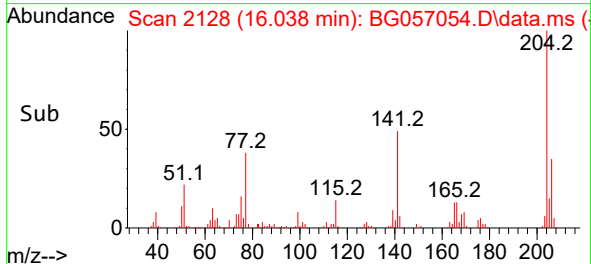
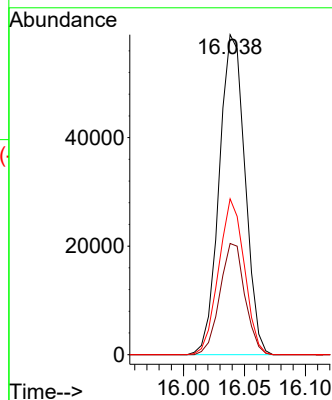
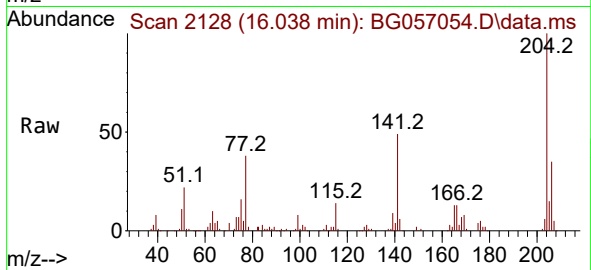




#61
4-Chlorophenyl-phenylether
Concen: 42.833 ng
RT: 16.038 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

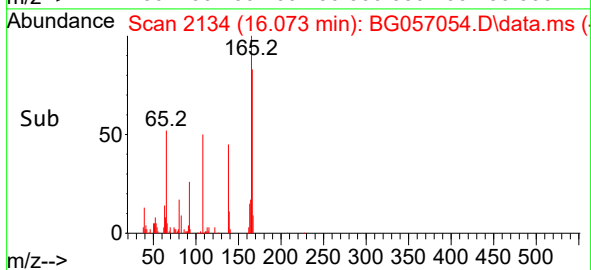
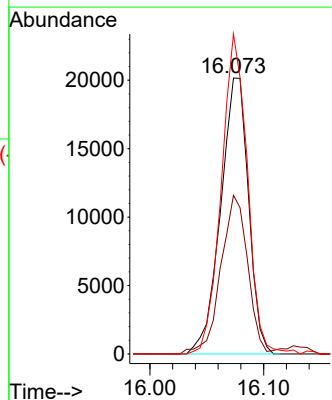
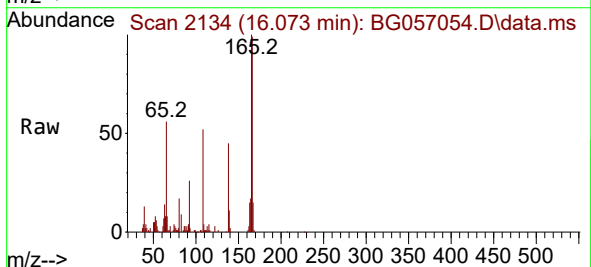
Instrument :
BNA_G
ClientSampleId :
PB152037BS

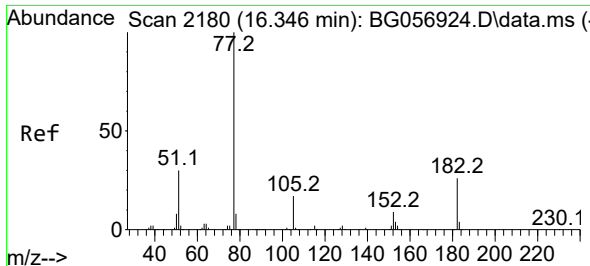
Tgt Ion:204 Resp: 86805
Ion Ratio Lower Upper
204 100
206 34.7 27.2 40.8
141 48.7 40.7 61.1



#62
4-Nitroaniline
Concen: 43.426 ng
RT: 16.073 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:138 Resp: 34346
Ion Ratio Lower Upper
138 100
92 57.5 40.9 80.9
108 115.9 104.3 144.3

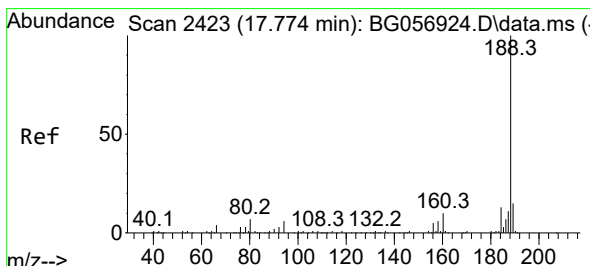
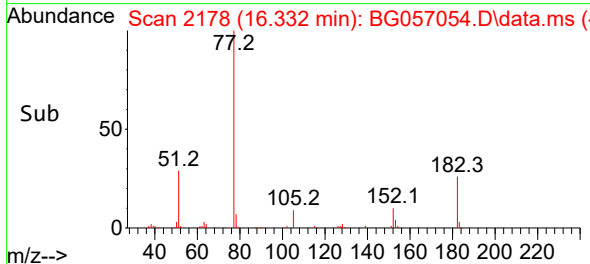
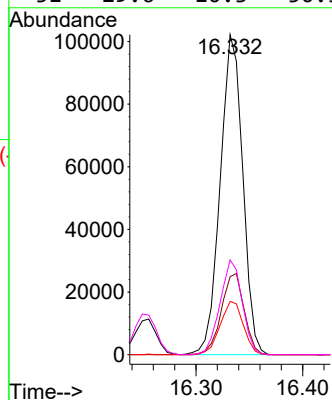
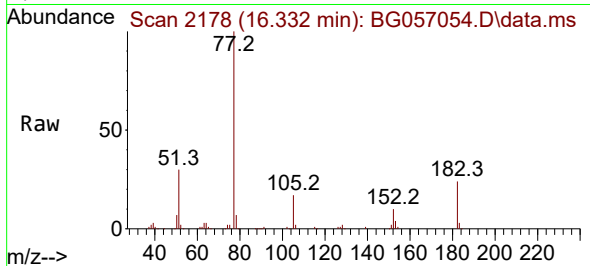




#63
Azobenzene
Concen: 41.983 ng
RT: 16.332 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

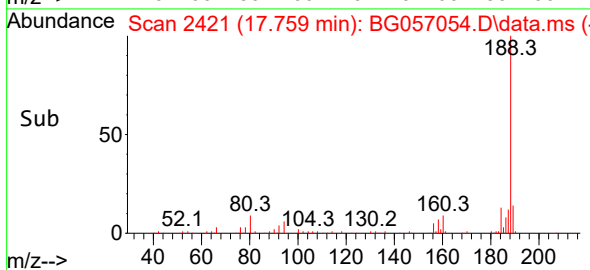
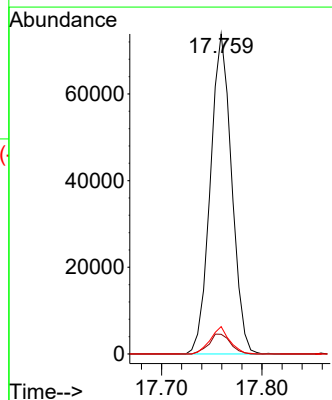
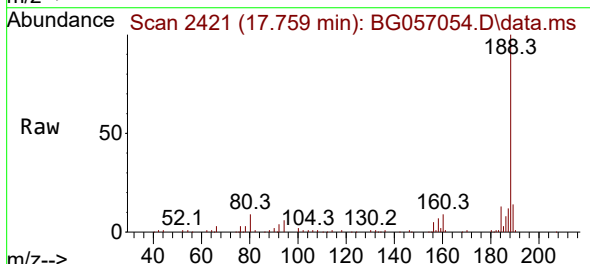
Instrument :
BNA_G
ClientSampleId :
PB152037BS

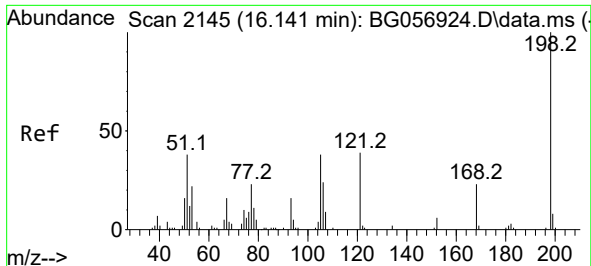
Tgt Ion: 77 Resp: 149719
Ion Ratio Lower Upper
77 100
182 24.3 5.9 45.9
105 16.7 0.0 36.8
51 29.6 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.759 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:188 Resp: 108914
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 8.5 5.5 8.3#

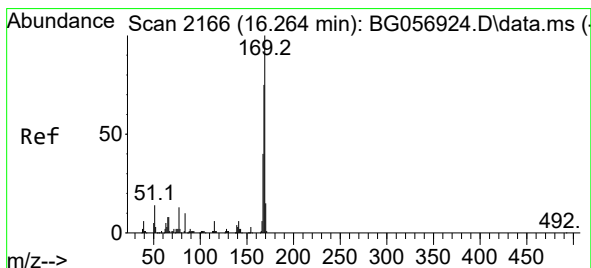
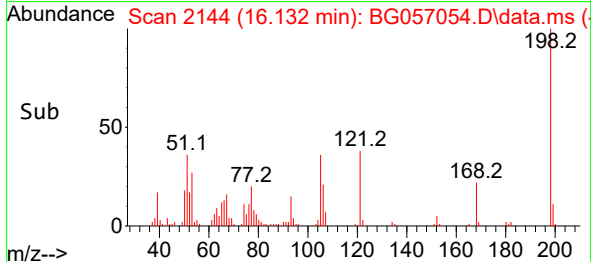
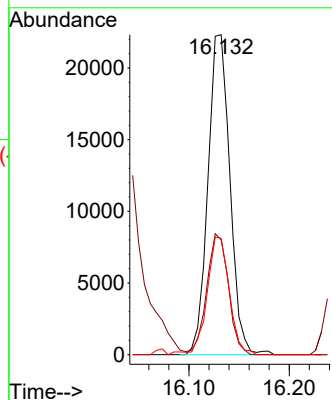
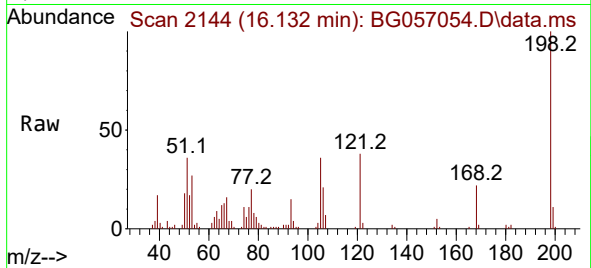




#65
4,6-Dinitro-2-methylphenol
Concen: 51.644 ng
RT: 16.132 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

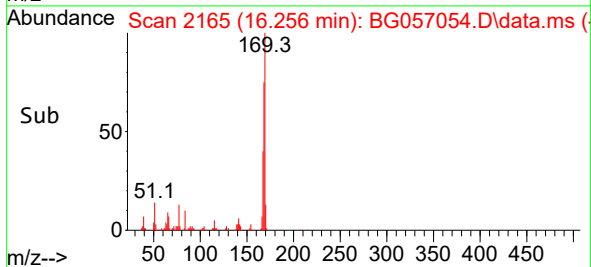
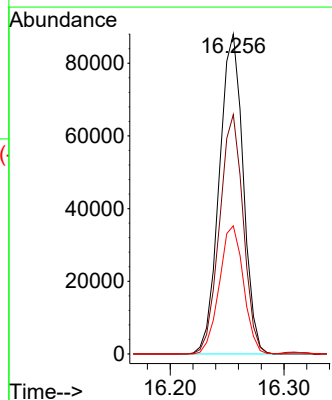
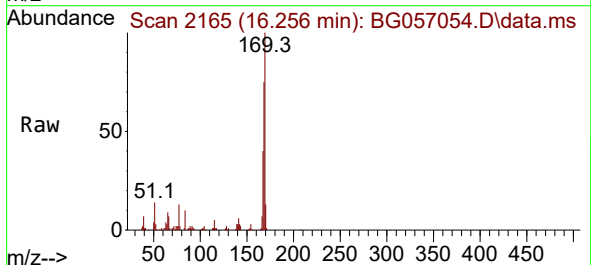
Instrument :
BNA_G
ClientSampleId :
PB152037BS

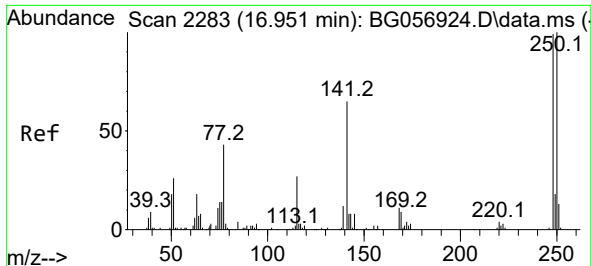
Tgt Ion:198 Resp: 34066
Ion Ratio Lower Upper
198 100
51 35.9 20.5 60.5
105 36.4 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 43.885 ng
RT: 16.256 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:169 Resp: 128306
Ion Ratio Lower Upper
169 100
168 74.8 59.6 89.4
167 40.1 31.8 47.8

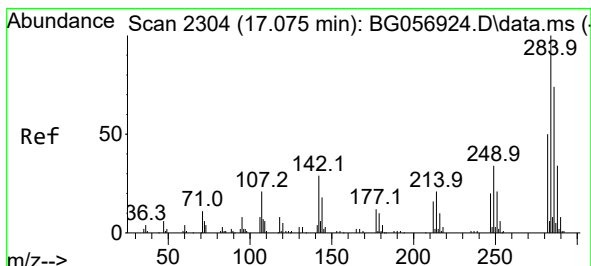
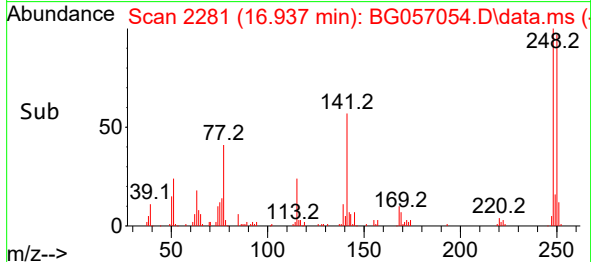
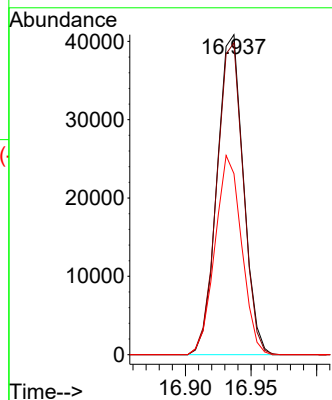
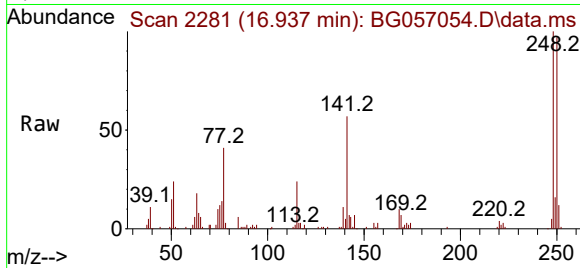




#67
4-Bromophenyl-phenylether
Concen: 42.280 ng
RT: 16.937 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

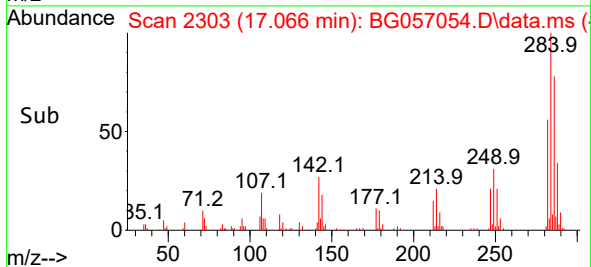
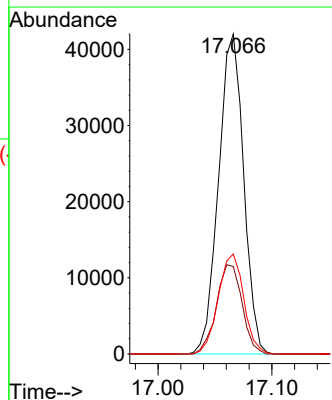
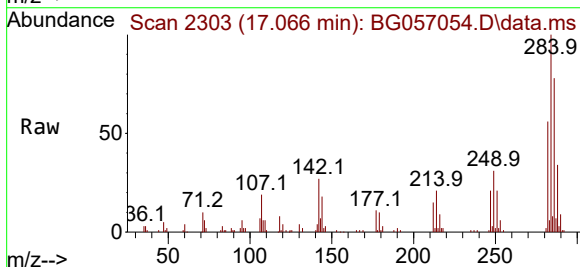
Instrument :
BNA_G
ClientSampleId :
PB152037BS

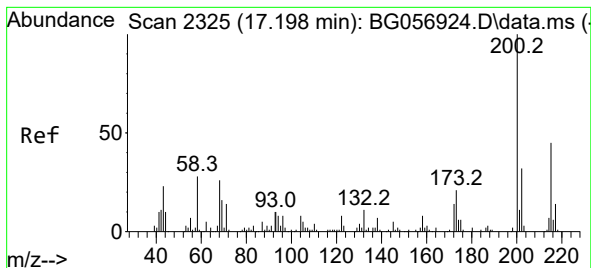
Tgt Ion:248 Resp: 56977
Ion Ratio Lower Upper
248 100
250 97.5 80.5 120.7
141 56.5 52.0 78.0



#68
Hexachlorobenzene
Concen: 48.295 ng
RT: 17.066 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:284 Resp: 64345
Ion Ratio Lower Upper
284 100
142 27.3 23.0 34.4
249 31.2 27.1 40.7





#69

Atrazine

Concen: 46.842 ng

RT: 17.184 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

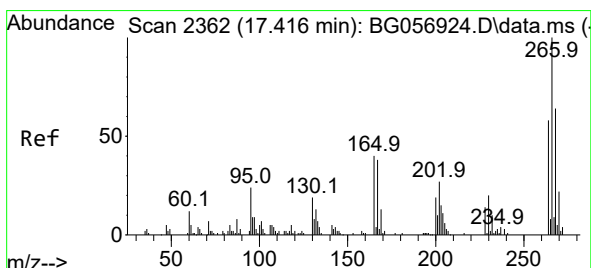
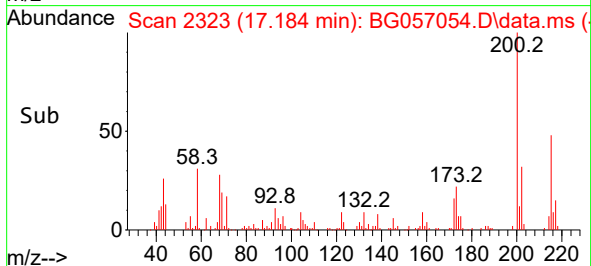
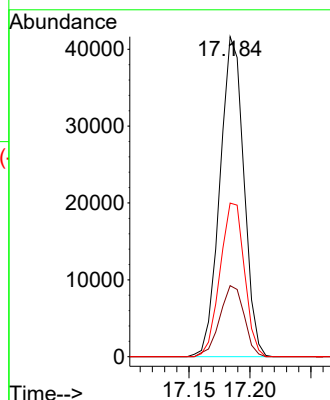
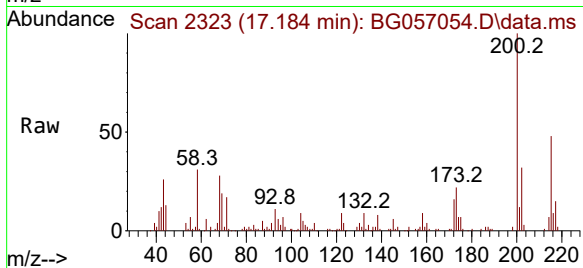
Tgt Ion:200 Resp: 56850

Ion Ratio Lower Upper

200 100

173 22.2 1.0 41.0

215 48.0 25.0 65.0



#70

Pentachlorophenol

Concen: 82.524 ng

RT: 17.407 min Scan# 2361

Delta R.T. -0.000 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

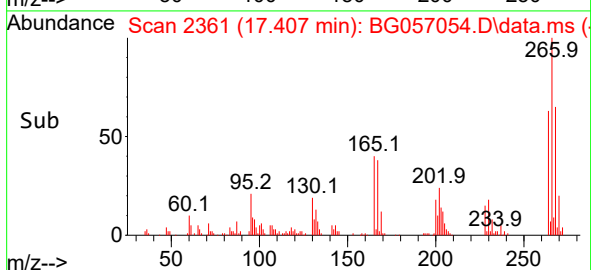
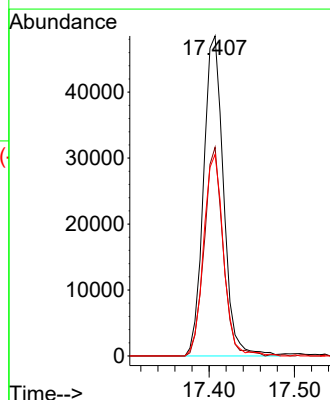
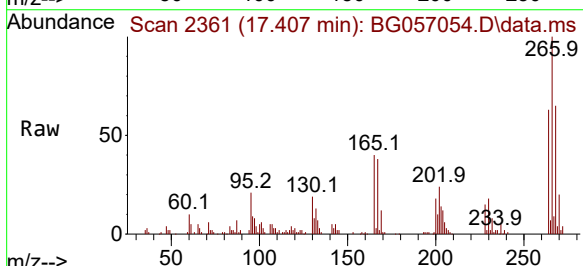
Tgt Ion:266 Resp: 78879

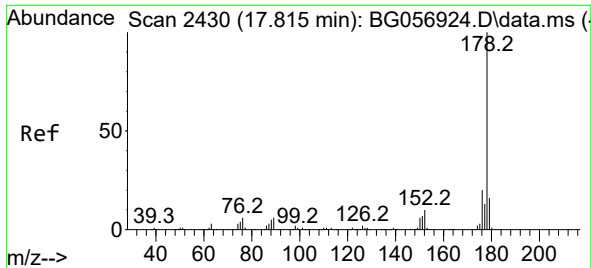
Ion Ratio Lower Upper

266 100

268 65.2 51.0 76.6

264 62.9 46.8 70.2

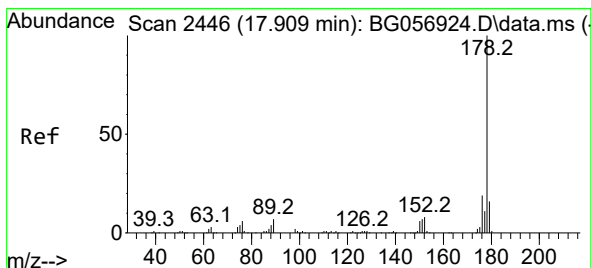
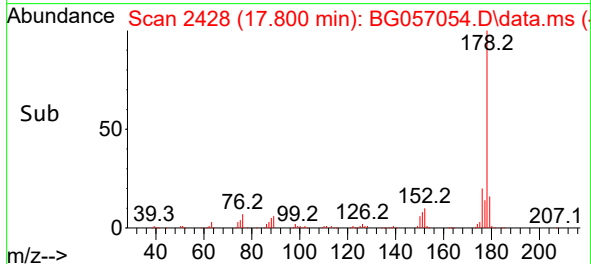
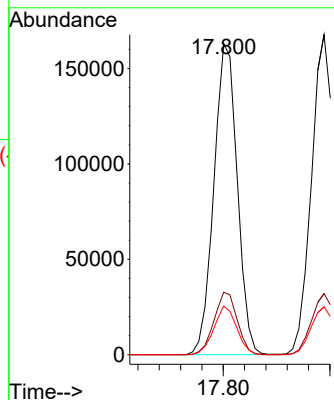
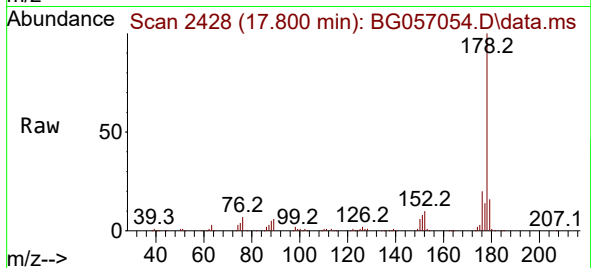




#71
Phenanthrene
Concen: 44.720 ng
RT: 17.800 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

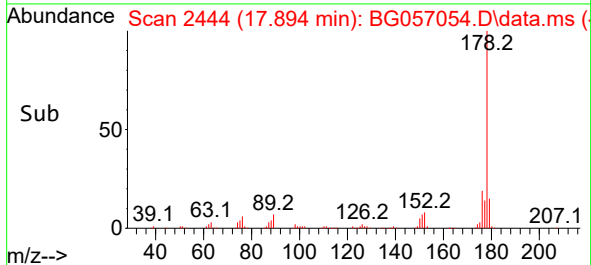
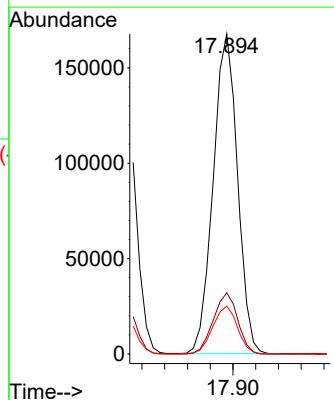
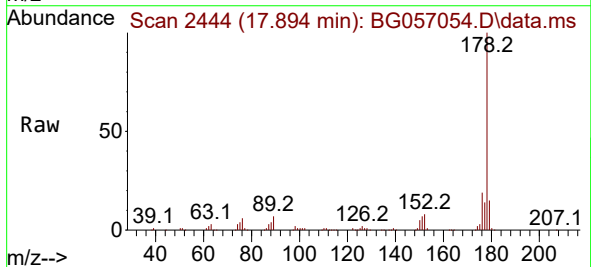
Instrument :
BNA_G
ClientSampleId :
PB152037BS

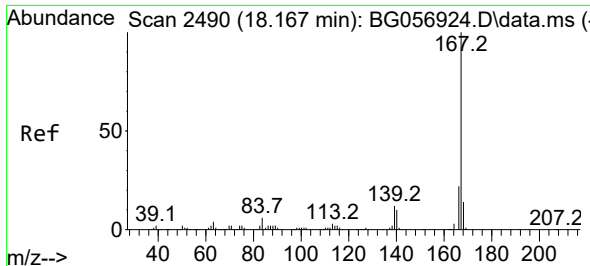
Tgt Ion:178 Resp: 248328
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.6 12.5 18.7



#72
Anthracene
Concen: 43.741 ng
RT: 17.894 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:178 Resp: 248997
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.0 12.4 18.6

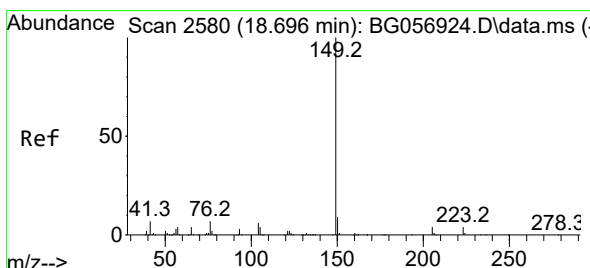
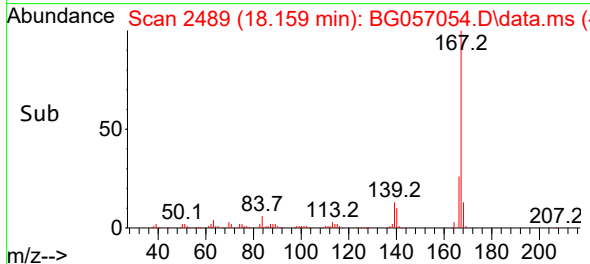
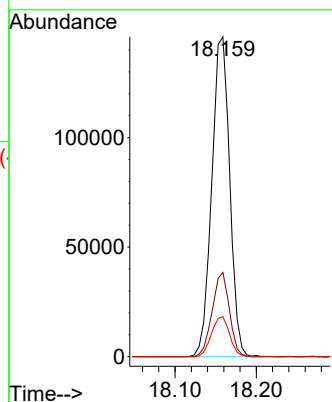
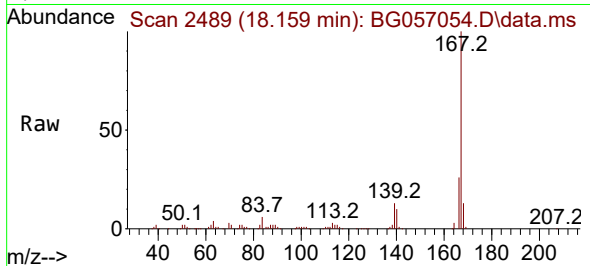




#73
 Carbazole
 Concen: 45.080 ng
 RT: 18.159 min Scan# 2490
 Delta R.T. -0.000 min
 Lab File: BG057054.D
 Acq: 11 Apr 2023 15:31

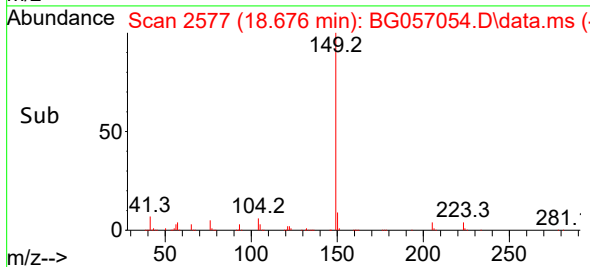
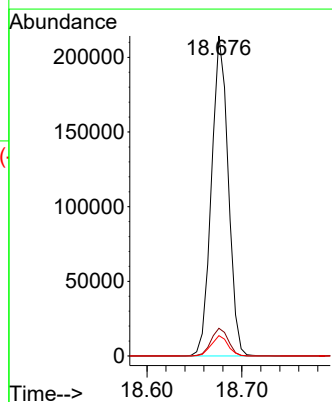
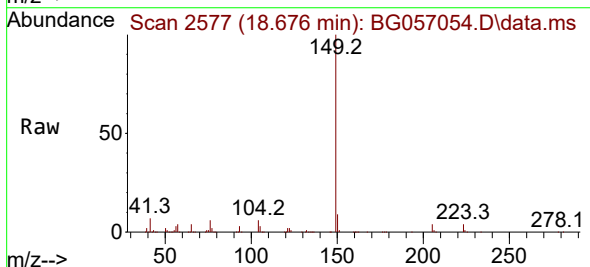
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BS

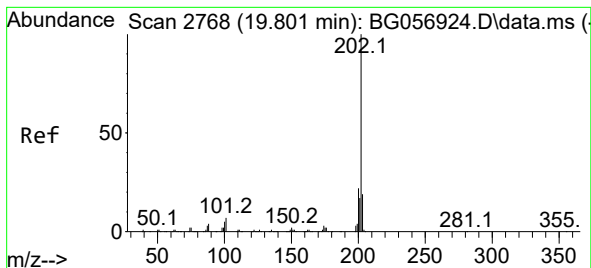
Tgt Ion:167 Resp: 223737
 Ion Ratio Lower Upper
 167 100
 166 26.3 17.9 26.9
 139 12.5 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 45.703 ng
 RT: 18.676 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BG057054.D
 Acq: 11 Apr 2023 15:31

Tgt Ion:149 Resp: 262662
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 6.3 4.9 7.3





#75

Fluoranthene

Concen: 42.793 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

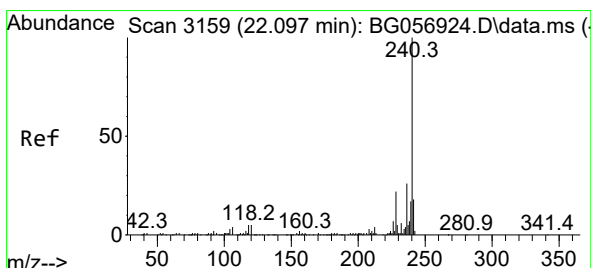
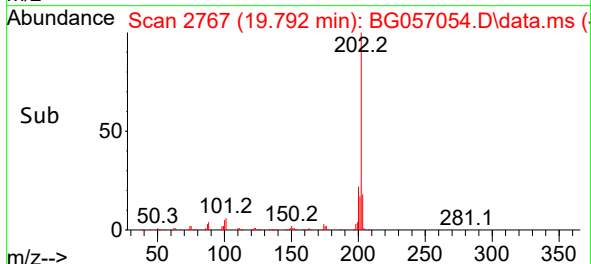
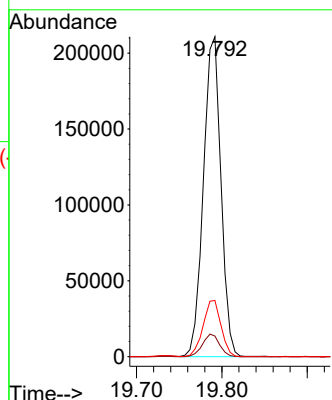
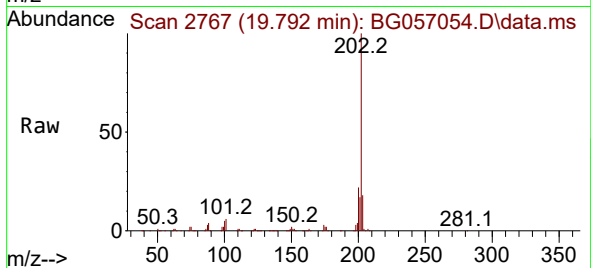
Tgt Ion:202 Resp: 301227

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.7

203 17.5 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.083 min Scan# 3157

Delta R.T. -0.000 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

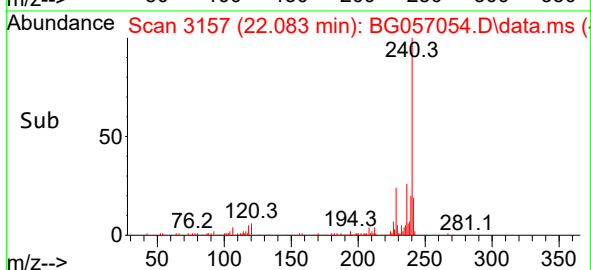
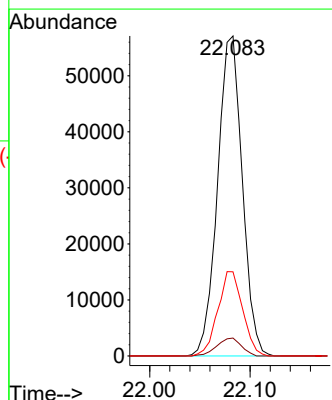
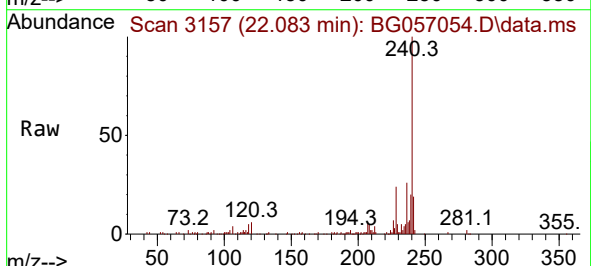
Tgt Ion:240 Resp: 97606

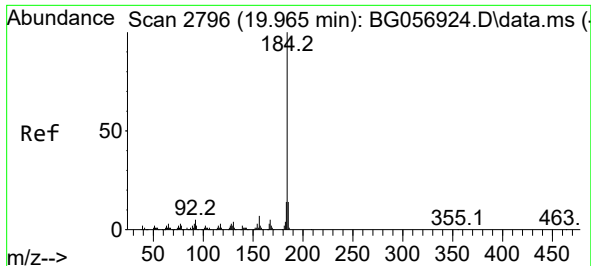
Ion Ratio Lower Upper

240 100

120 5.6 3.8 5.6

236 26.3 21.0 31.6

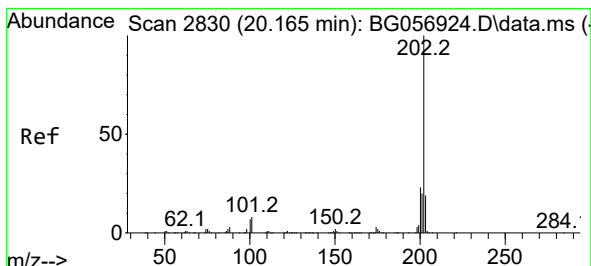
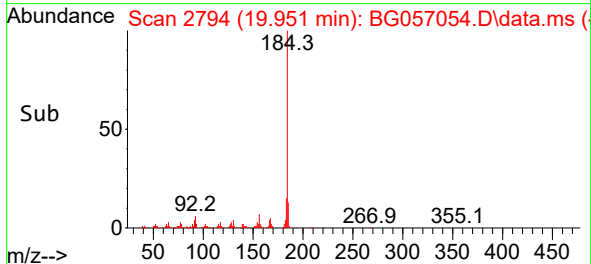
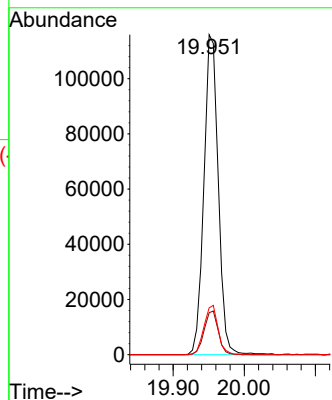
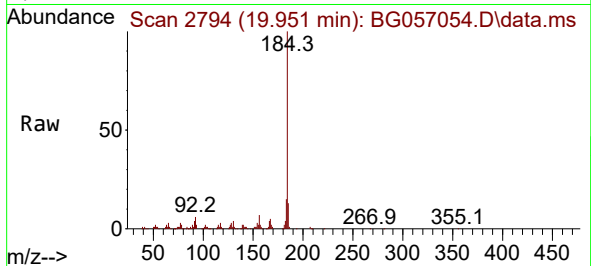




#77
Benzidine
Concen: 61.117 ng
RT: 19.951 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

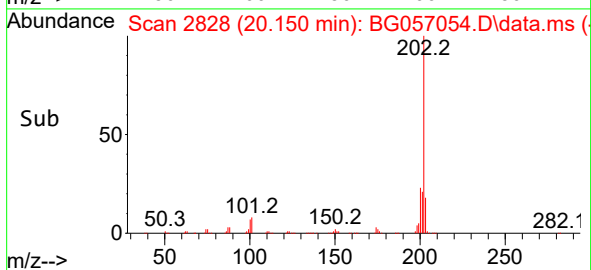
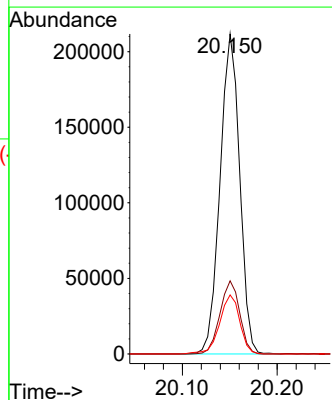
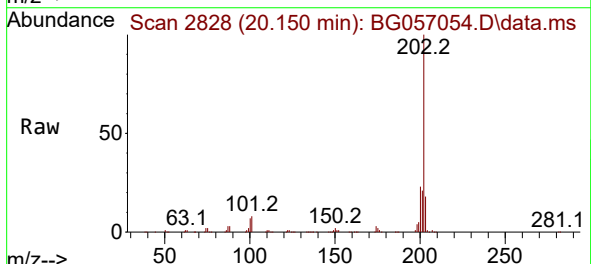
Instrument :
BNA_G
ClientSampleId :
PB152037BS

Tgt Ion:184 Resp: 163053
Ion Ratio Lower Upper
184 100
185 13.1 11.0 16.4
183 14.6 11.4 17.0



#78
Pyrene
Concen: 45.111 ng
RT: 20.150 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:202 Resp: 304539
Ion Ratio Lower Upper
202 100
200 22.9 18.7 28.1
203 18.5 15.4 23.2

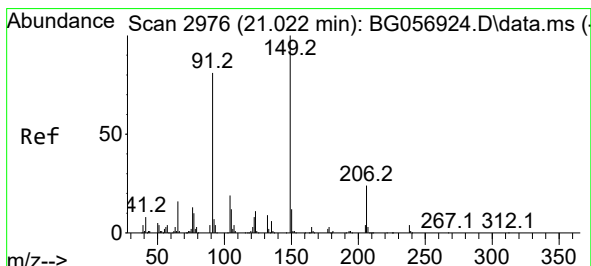
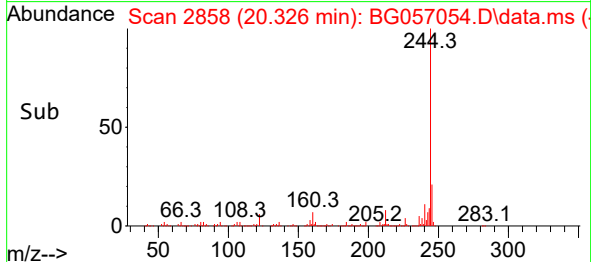
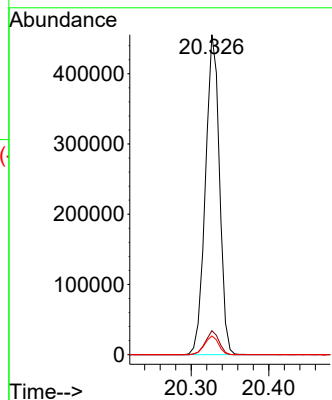
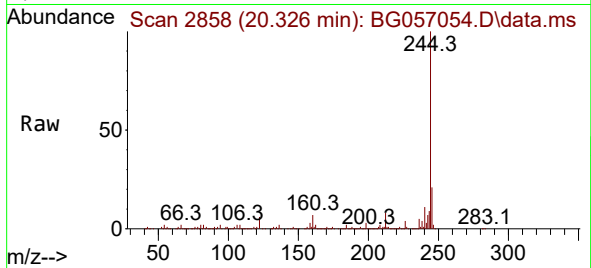




#79
 Terphenyl-d14
 Concen: 99.095 ng
 RT: 20.326 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057054.D
 Acq: 11 Apr 2023 15:31

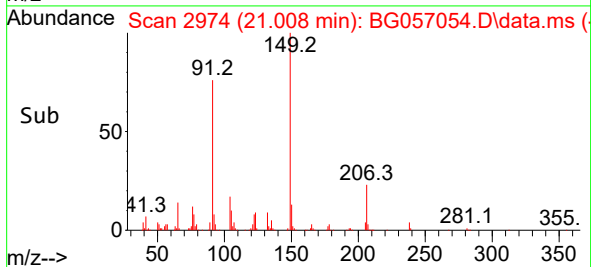
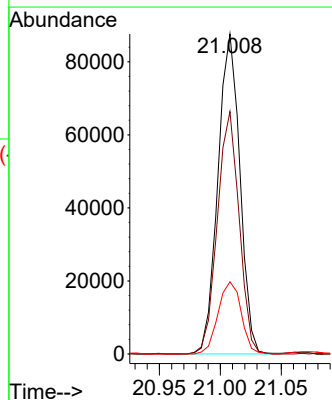
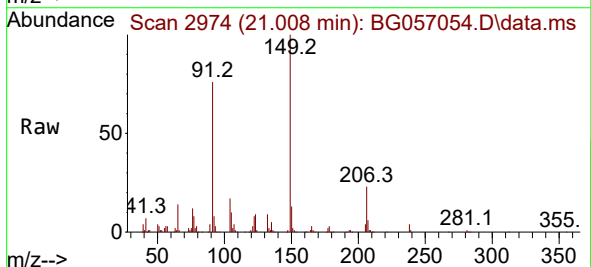
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BS

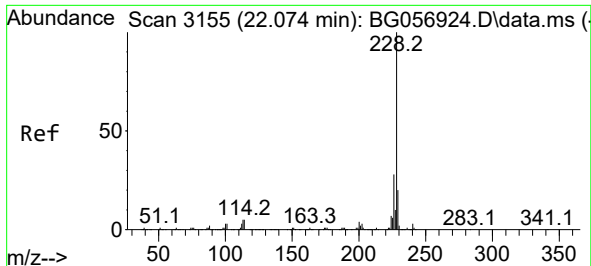
Tgt Ion:244 Resp: 571594
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.9 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 47.345 ng
 RT: 21.008 min Scan# 2974
 Delta R.T. -0.000 min
 Lab File: BG057054.D
 Acq: 11 Apr 2023 15:31

Tgt Ion:149 Resp: 109987
 Ion Ratio Lower Upper
 149 100
 91 75.7 64.4 96.6
 206 22.5 18.9 28.3

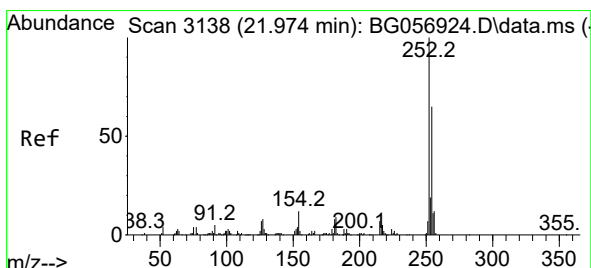
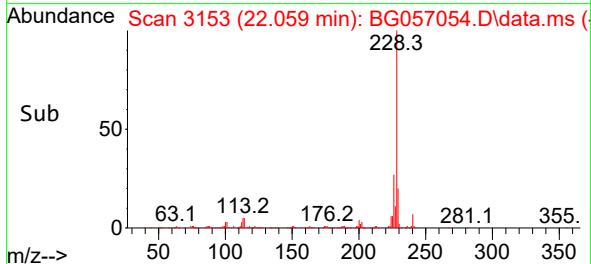
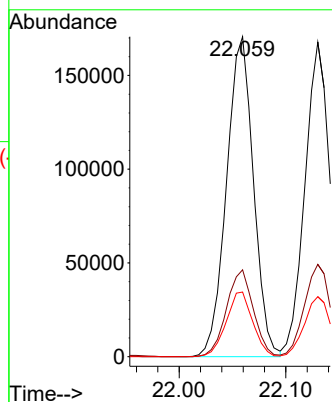
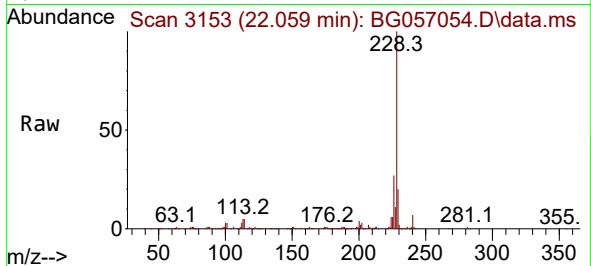




#81
Benzo(a)anthracene
Concen: 44.409 ng
RT: 22.059 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

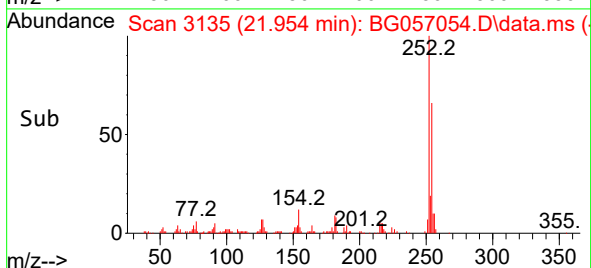
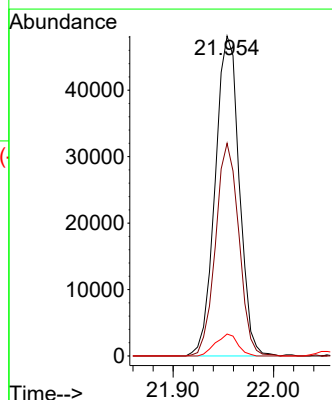
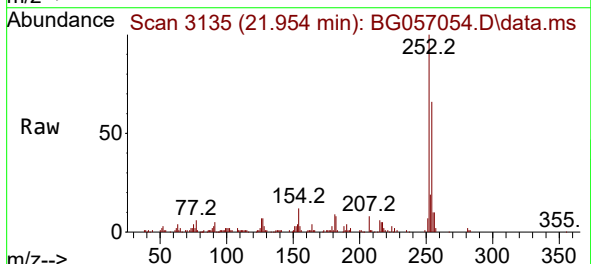
Instrument :
BNA_G
ClientSampleId :
PB152037BS

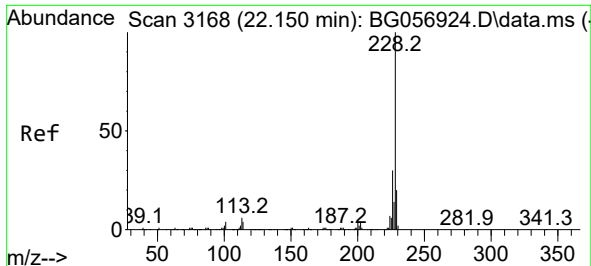
Tgt Ion:228 Resp: 299955
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 35.152 ng
RT: 21.954 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:252 Resp: 80175
Ion Ratio Lower Upper
252 100
254 66.4 51.7 77.5
126 6.8 5.6 8.4

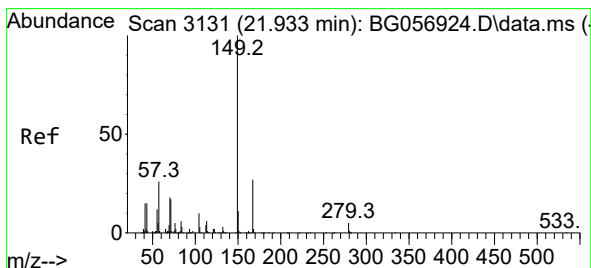
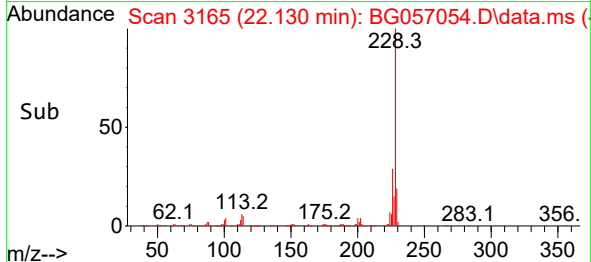
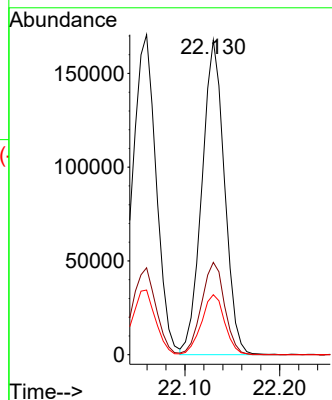
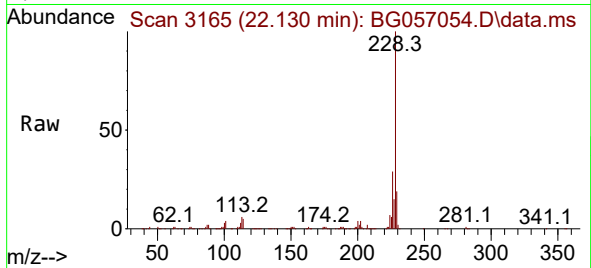




#83
Chrysene
Concen: 43.824 ng
RT: 22.130 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

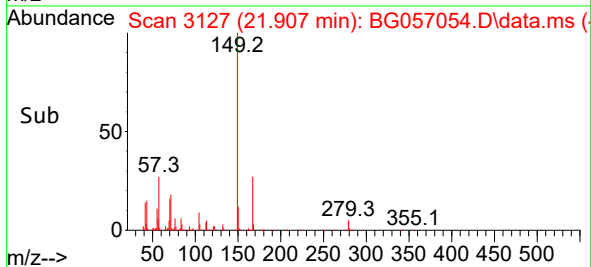
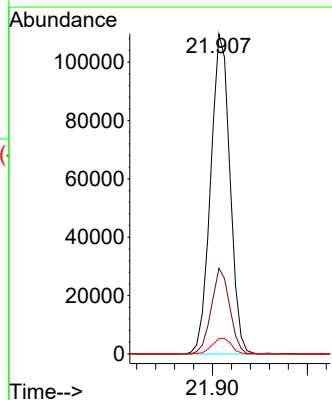
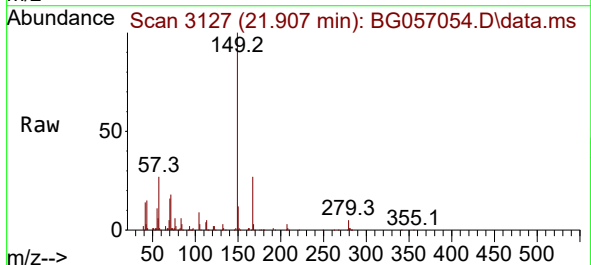
Instrument :
BNA_G
ClientSampleId :
PB152037BS

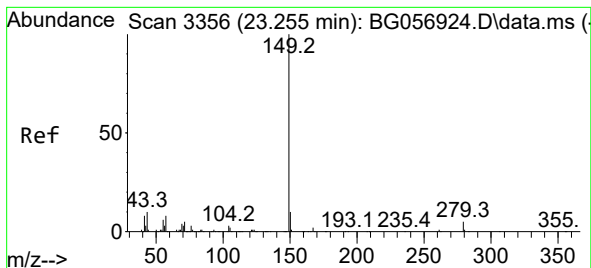
Tgt Ion:228 Resp: 277148
Ion Ratio Lower Upper
228 100
226 29.3 24.1 36.1
229 19.1 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.017 ng
RT: 21.907 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BG057054.D
Acq: 11 Apr 2023 15:31

Tgt Ion:149 Resp: 154799
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 4.8 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 46.266 ng

RT: 23.223 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

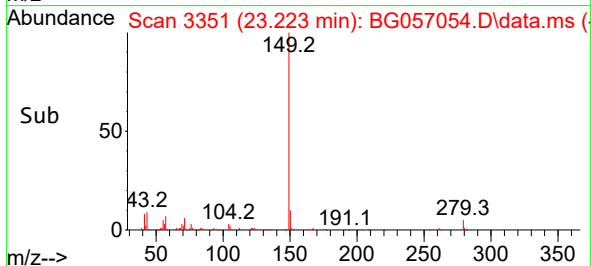
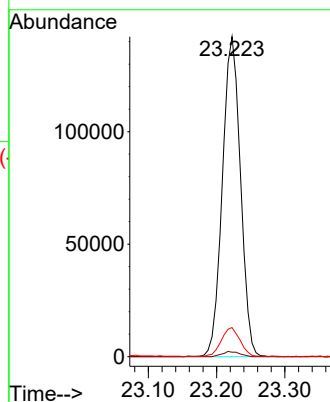
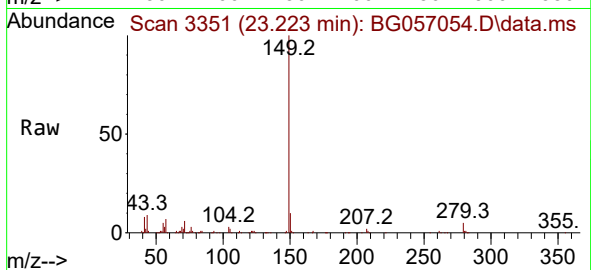
Tgt Ion:149 Resp: 262273

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.613 min Scan# 3758

Delta R.T. -0.018 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

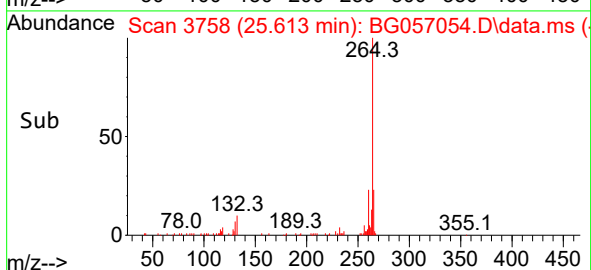
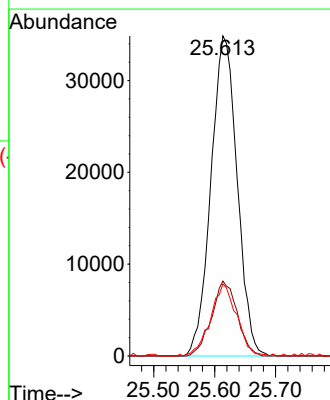
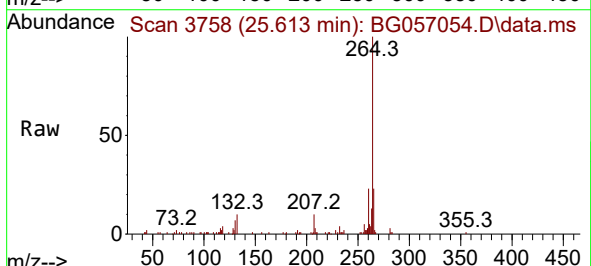
Tgt Ion:264 Resp: 104090

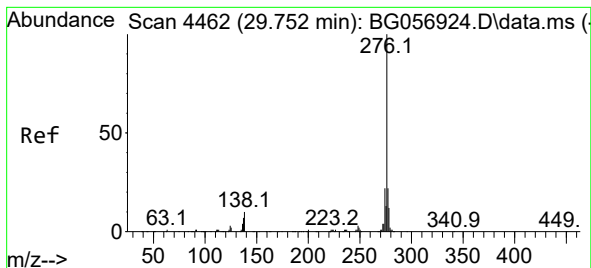
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 22.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.095 ng

RT: 29.708 min Scan# 4462

Delta R.T. -0.018 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

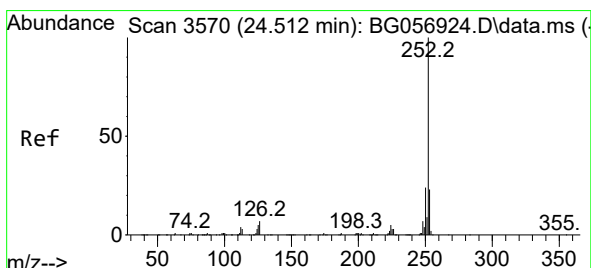
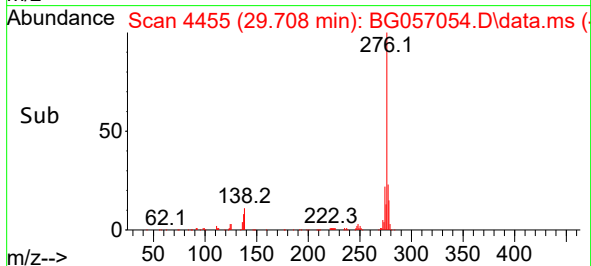
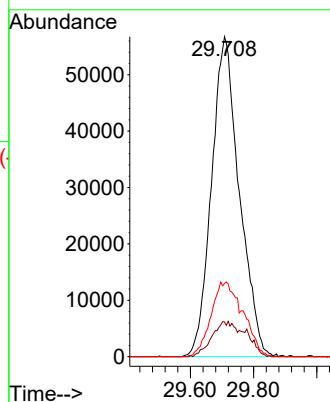
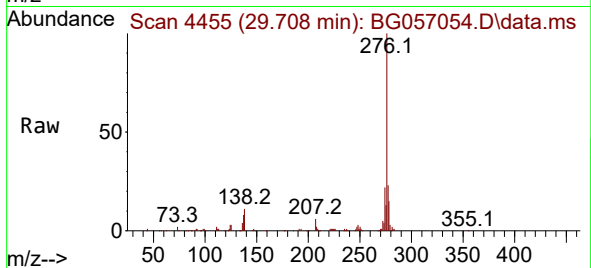
Tgt Ion:276 Resp: 346904

Ion Ratio Lower Upper

276 100

138 5.9 7.7 11.5#

277 26.9 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 47.996 ng

RT: 24.486 min Scan# 3566

Delta R.T. -0.006 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

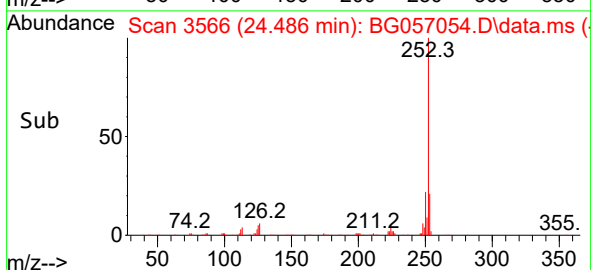
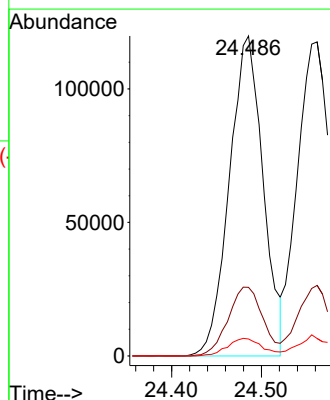
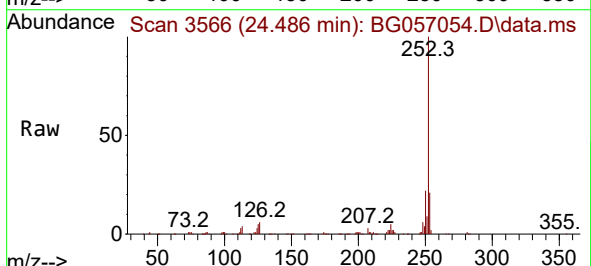
Tgt Ion:252 Resp: 312409

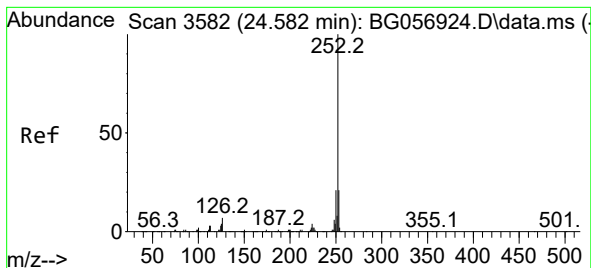
Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

125 5.3 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 46.166 ng

RT: 24.562 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

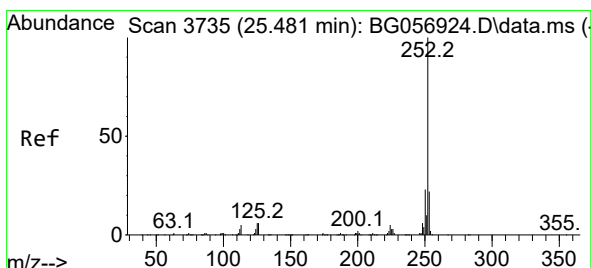
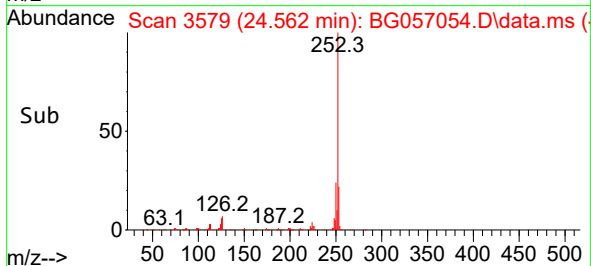
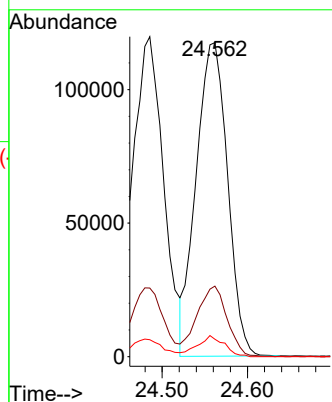
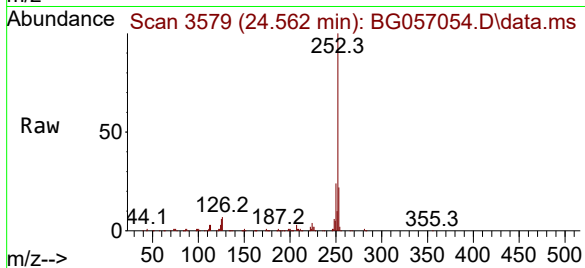
Tgt Ion:252 Resp: 299997

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 5.5 3.8 5.6



#90

Benzo(a)pyrene

Concen: 42.321 ng

RT: 25.449 min Scan# 3730

Delta R.T. -0.012 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

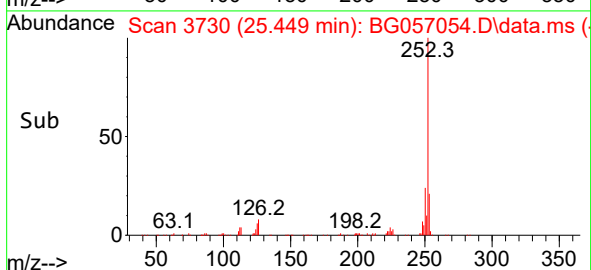
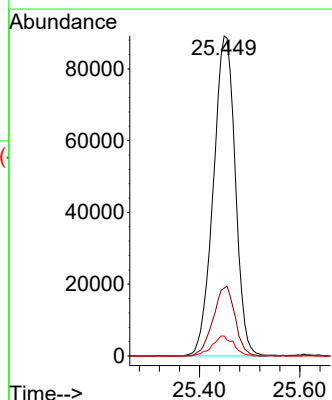
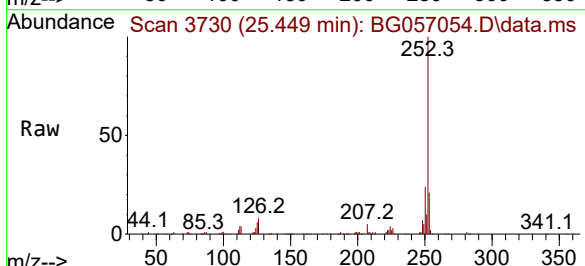
Tgt Ion:252 Resp: 270692

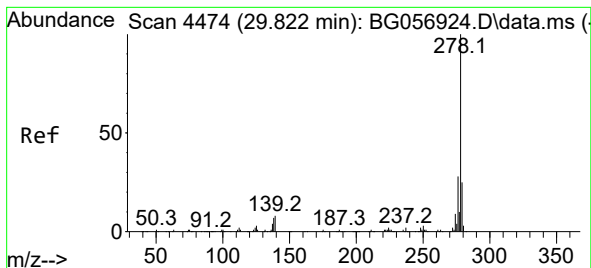
Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 6.2 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 46.289 ng

RT: 29.773 min Scan# 4466

Delta R.T. -0.012 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

PB152037BS

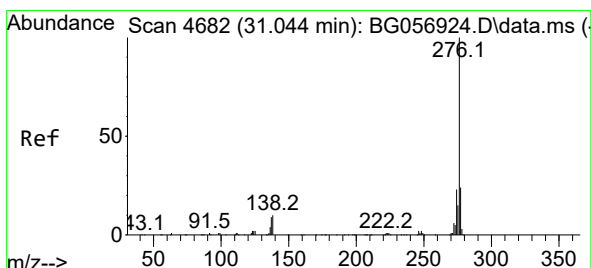
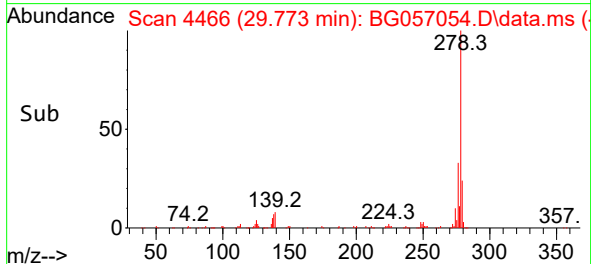
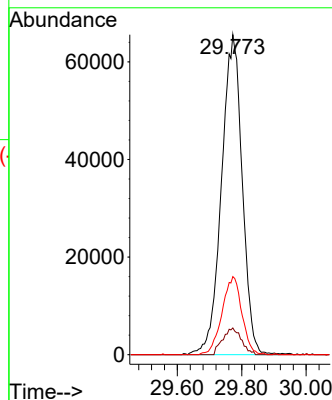
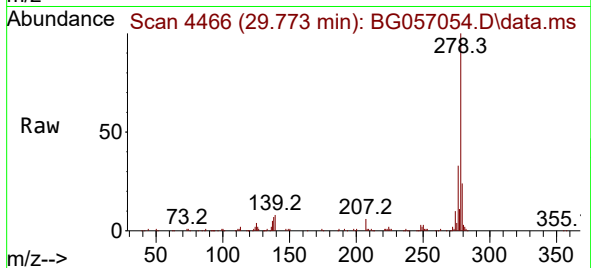
Tgt Ion:278 Resp: 292702

Ion Ratio Lower Upper

278 100

139 8.4 6.4 9.6

279 24.4 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 44.307 ng

RT: 30.994 min Scan# 4674

Delta R.T. -0.024 min

Lab File: BG057054.D

Acq: 11 Apr 2023 15:31

Tgt Ion:276 Resp: 274338

Ion Ratio Lower Upper

276 100

277 21.9 19.1 28.7

138 10.8 8.2 12.2

