

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057052.D
 Acq On : 11 Apr 2023 13:34
 Operator : CG/JU
 Sample : PB152035BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152035BS

Quant Time: Apr 12 04:39:50 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	14606	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	61577	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	49600	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	127368	20.000	ng	0.00
76) Chrysene-d12	22.083	240	116268	20.000	ng	# 0.00
86) Perylene-d12	25.625	264	124834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	107446	117.734	ng	0.00
7) Phenol-d6	7.544	99	158396	116.046	ng	0.00
23) Nitrobenzene-d5	9.588	82	96885	64.380	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	87575	110.522	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	239897	65.585	ng	0.00
79) Terphenyl-d14	20.332	244	479197	69.742	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.714	88	13301	33.247	ng	99
3) Pyridine	4.137	79	35146	27.276	ng	95
4) n-Nitrosodimethylamine	4.043	42	21161	35.719	ng	98
6) Aniline	7.714	93	61552	35.275	ng	97
8) 2-Chlorophenol	7.967	128	44930	49.427	ng	92
9) Benzaldehyde	7.526	77	31367	36.639	ng	95
10) Phenol	7.567	94	67271	49.739	ng	99
11) bis(2-Chloroethyl)ether	7.808	93	40054	41.576	ng	99
12) 1,3-Dichlorobenzene	8.296	146	43657	43.465	ng	100
13) 1,4-Dichlorobenzene	8.443	146	44350	43.749	ng	98
14) 1,2-Dichlorobenzene	8.772	146	42812	43.713	ng	95
15) Benzyl Alcohol	8.636	79	51041	45.004	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.924	45	50564	43.550	ng	99
17) 2-Methylphenol	8.842	107	43776	45.368	ng	92
18) Hexachloroethane	9.512	117	16045	43.304	ng	94
19) n-Nitroso-di-n-propyla...	9.212	70	39954	40.924	ng	# 96
20) 3+4-Methylphenols	9.171	107	61858	45.846	ng	96
22) Acetophenone	9.236	105	75052	40.961	ng	98
24) Nitrobenzene	9.629	77	60485	39.312	ng	96
25) Isophorone	10.152	82	107724	37.591	ng	98
26) 2-Nitrophenol	10.346	139	26253	44.206	ng	90
27) 2,4-Dimethylphenol	10.387	122	46222	44.082	ng	96
28) bis(2-Chloroethoxy)met...	10.628	93	58570	40.824	ng	99
29) 2,4-Dichlorophenol	10.886	162	49627	44.009	ng	92
30) 1,2,4-Trichlorobenzene	11.110	180	50908	42.488	ng	94
31) Naphthalene	11.303	128	138866	41.374	ng	97
32) Benzoic acid	10.528	122	29706	41.243	ng	96
33) 4-Chloroaniline	11.403	127	43163	28.474	ng	92
34) Hexachlorobutadiene	11.574	225	35681	39.644	ng	94
35) Caprolactam	12.167	113	11310	29.082	ng	96
36) 4-Chloro-3-methylphenol	12.490	107	54524	43.235	ng	88
37) 2-Methylnaphthalene	12.878	142	104736	39.318	ng	95
38) 1-Methylnaphthalene	13.095	142	99132	39.632	ng	96
40) 1,2,4,5-Tetrachloroben...	13.236	216	70499	40.988	ng	99
41) Hexachlorocyclopentadiene	13.213	237	99043	104.512	ng	96
43) 2,4,6-Trichlorophenol	13.465	196	48194	43.909	ng	97

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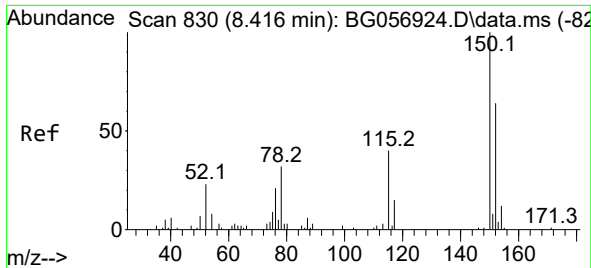
Quant Time: Apr 12 04:39:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	53075	40.819	ng	94
46) 1,1'-Biphenyl	13.859	154	155789	42.907	ng	97
47) 2-Chloronaphthalene	13.912	162	116424	43.355	ng	97
48) 2-Nitroaniline	14.106	65	40837	42.529	ng	99
49) Acenaphthylene	14.752	152	184062	41.717	ng	99
50) Dimethylphthalate	14.458	163	162962	41.698	ng	98
51) 2,6-Dinitrotoluene	14.587	165	37206	44.063	ng	93
52) Acenaphthene	15.087	154	121504	39.930	ng	100
53) 3-Nitroaniline	14.922	138	26119	31.251	ng	86
54) 2,4-Dinitrophenol	15.122	184	46893	98.665	ng	92
55) Dibenzofuran	15.421	168	191365	41.901	ng	99
56) 4-Nitrophenol	15.216	139	58917	95.329	ng	89
57) 2,4-Dinitrotoluene	15.374	165	52469	44.057	ng	96
58) Fluorene	16.068	166	159905	42.312	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.639	232	50016	42.247	ng	# 99
60) Diethylphthalate	15.809	149	167508	42.755	ng	98
61) 4-Chlorophenyl-phenyle...	16.044	204	94259	42.480	ng	96
62) 4-Nitroaniline	16.079	138	36637	42.309	ng	93
63) Azobenzene	16.338	77	161195	41.284	ng	98
65) 4,6-Dinitro-2-methylph...	16.132	198	36434	47.231	ng	98
66) n-Nitrosodiphenylamine	16.256	169	143144	41.866	ng	96
67) 4-Bromophenyl-phenylether	16.937	248	61826	39.231	ng	98
68) Hexachlorobenzene	17.066	284	69521	44.620	ng	97
69) Atrazine	17.190	200	61785	43.533	ng	93
70) Pentachlorophenol	17.407	266	82225	73.561	ng	98
71) Phenanthrene	17.806	178	267985	41.268	ng	99
72) Anthracene	17.900	178	273851	41.137	ng	99
73) Carbazole	18.159	167	241918	41.681	ng	96
74) Di-n-butylphthalate	18.682	149	286802	42.673	ng	99
75) Fluoranthene	19.792	202	330115	40.102	ng	99
77) Benzidine	19.956	184	157532	49.570	ng	99
78) Pyrene	20.156	202	334260	41.566	ng	97
80) Butylbenzylphthalate	21.014	149	121131	43.772	ng	92
81) Benzo(a)anthracene	22.065	228	333530	41.454	ng	99
82) 3,3'-Dichlorobenzidine	21.960	252	89257	32.853	ng	98
83) Chrysene	22.136	228	311147	41.303	ng	99
84) Bis(2-ethylhexyl)phtha...	21.913	149	173870	43.390	ng	98
85) Di-n-octyl phthalate	23.228	149	291758	43.206	ng	100
87) Indeno(1,2,3-cd)pyrene	29.720	276	390388	42.315	ng	# 97
88) Benzo(b)fluoranthene	24.491	252	342185	43.835	ng	99
89) Benzo(k)fluoranthene	24.568	252	336366	43.161	ng	100
90) Benzo(a)pyrene	25.461	252	299827	39.086	ng	97
91) Dibenzo(a,h)anthracene	29.790	278	330069	43.525	ng	98
92) Benzo(g,h,i)perylene	31.012	276	311184	41.906	ng	100

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

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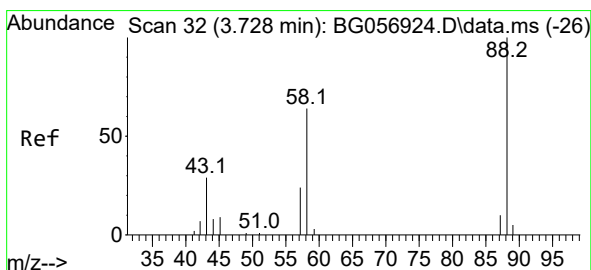
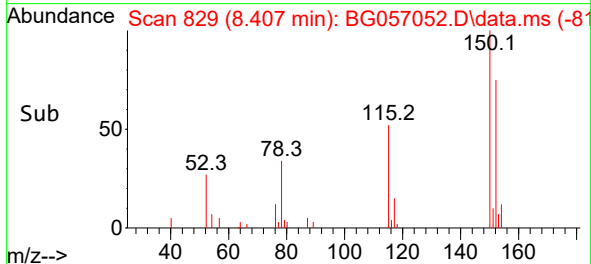
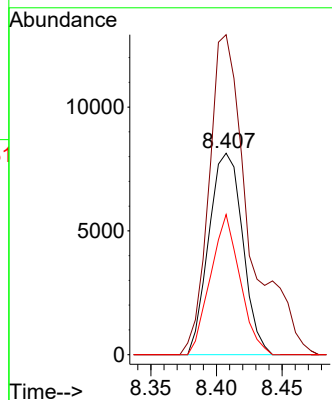
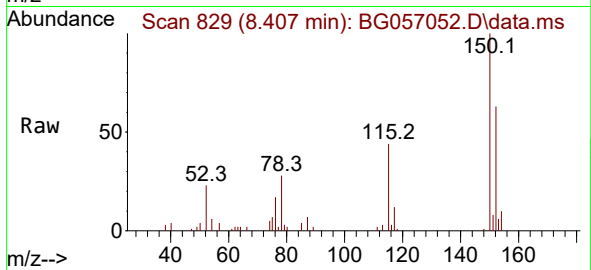




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.407 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

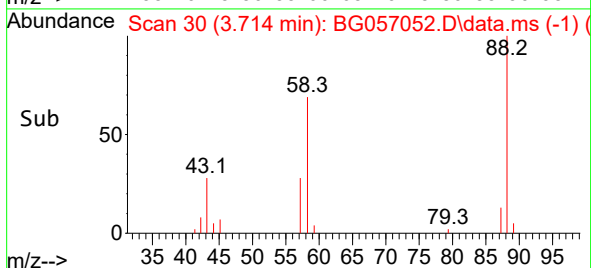
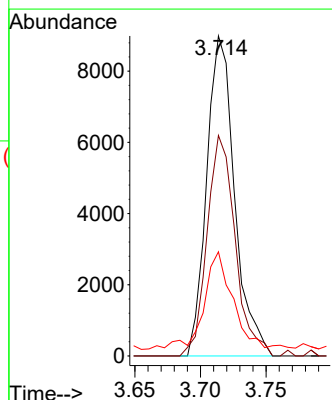
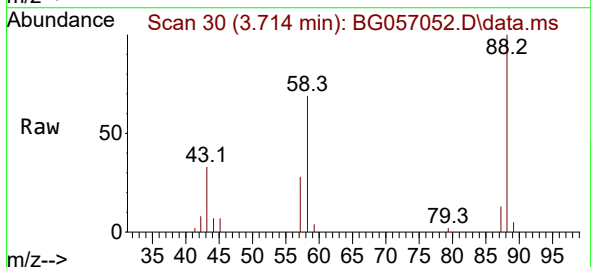
Instrument :
 BNA_G
 ClientSampleId :
 PB152035BS

Tgt Ion:152 Resp: 14606
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.1 186.1
 115 69.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 33.247 ng
 RT: 3.714 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

Tgt Ion: 88 Resp: 13301
 Ion Ratio Lower Upper
 88 100
 58 69.3 55.9 83.9
 43 31.8 25.7 38.5

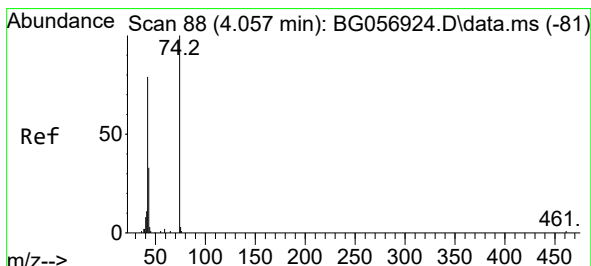
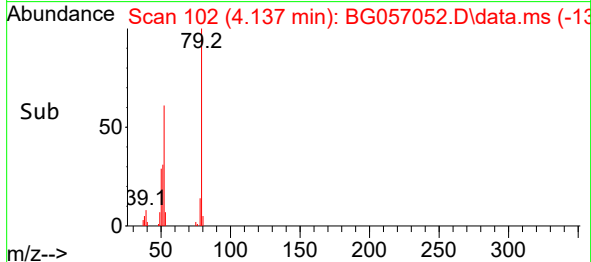
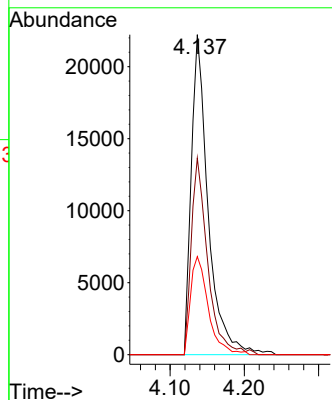
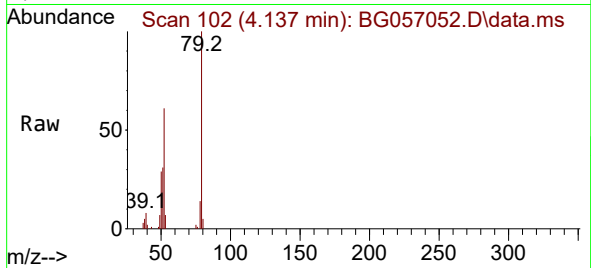




#3
 Pyridine
 Concen: 27.276 ng
 RT: 4.137 min Scan# 102
 Delta R.T. -0.006 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

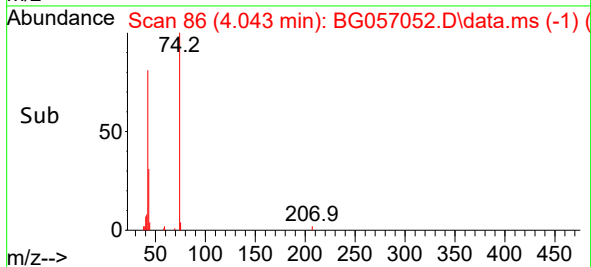
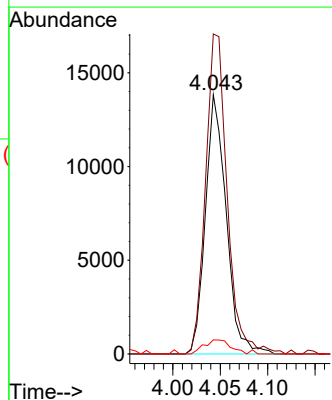
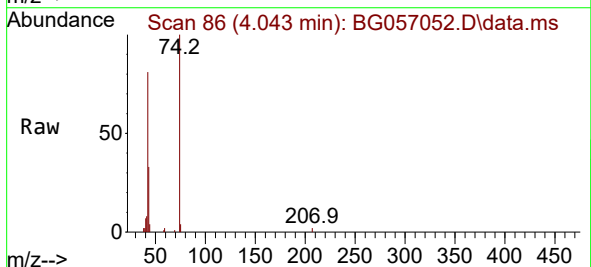
Instrument :
 BNA_G
 ClientSampleId :
 PB152035BS

Tgt Ion: 79 Resp: 35146
 Ion Ratio Lower Upper
 79 100
 52 61.5 46.1 69.1
 51 30.6 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 35.719 ng
 RT: 4.043 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

Tgt Ion: 42 Resp: 21161
 Ion Ratio Lower Upper
 42 100
 74 123.4 100.6 151.0
 44 5.5 4.6 7.0

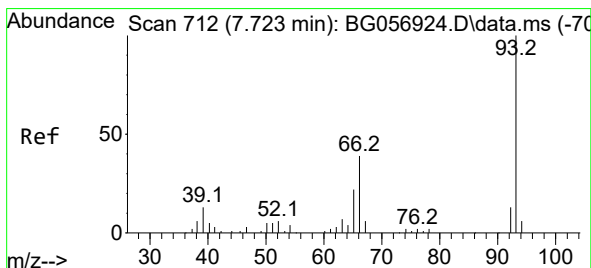
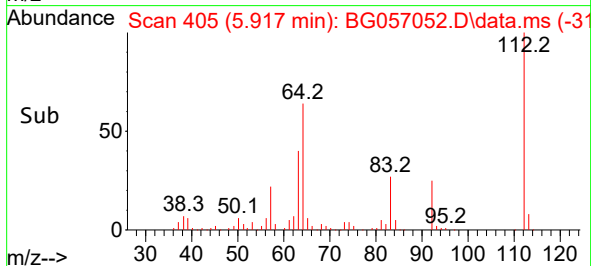
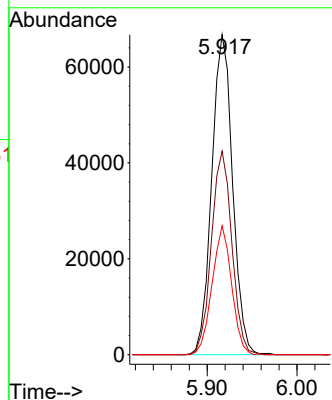
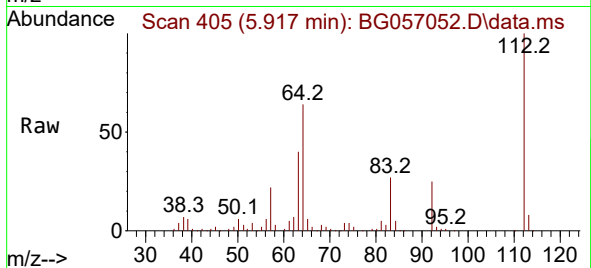




#5
2-Fluorophenol
Concen: 117.734 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

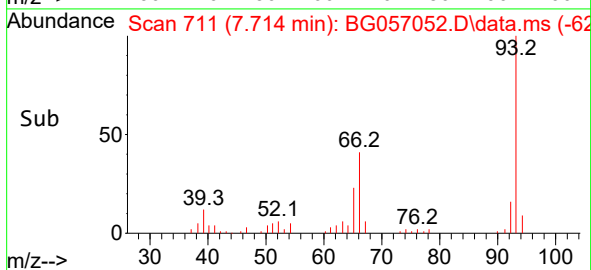
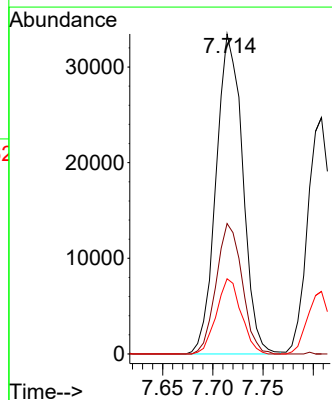
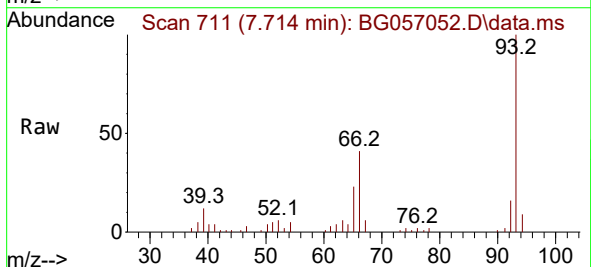
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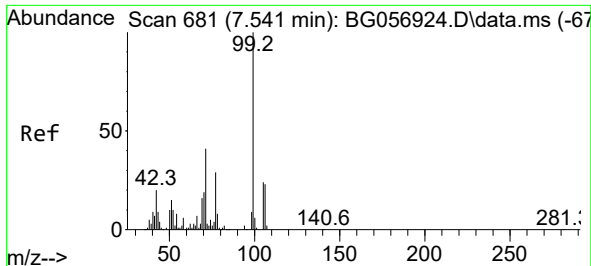
Tgt Ion:112 Resp: 107446
Ion Ratio Lower Upper
112 100
64 63.6 53.2 79.8
63 40.3 32.6 48.8



#6
Aniline
Concen: 35.275 ng
RT: 7.714 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 93 Resp: 61552
Ion Ratio Lower Upper
93 100
66 40.8 31.4 47.0
65 23.5 17.3 25.9

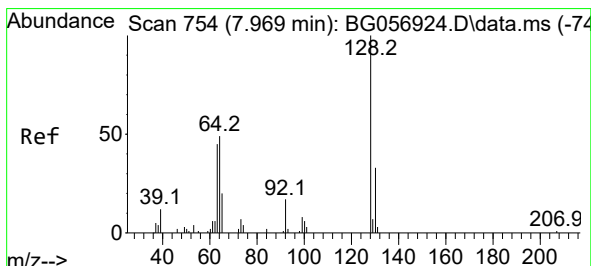
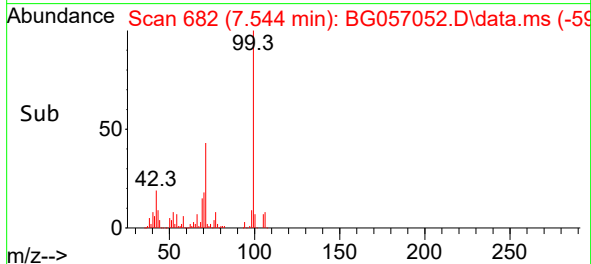
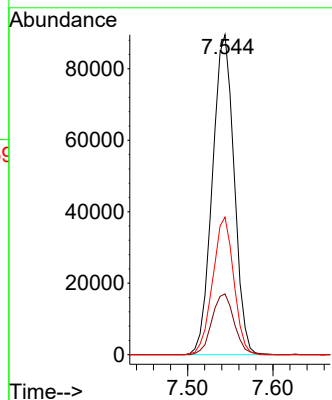
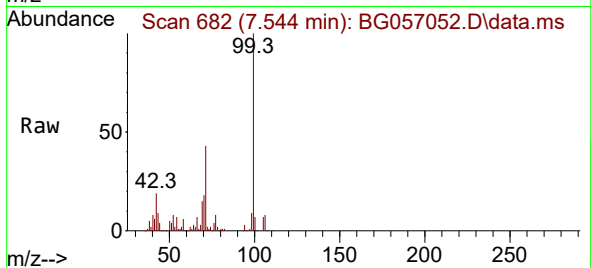




#7
Phenol-d6
Concen: 116.046 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

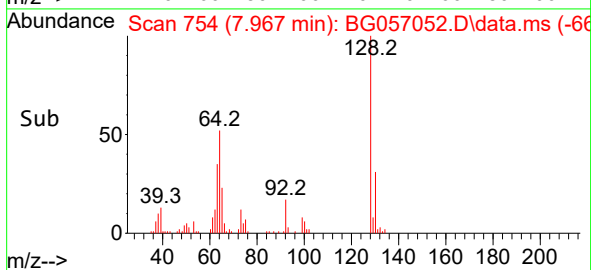
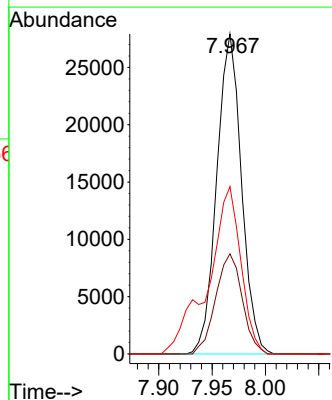
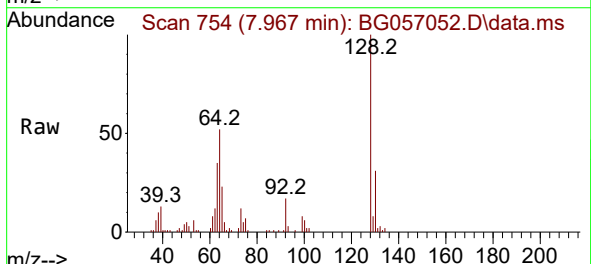
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ClientSampleId :
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Tgt Ion: 99 Resp: 158396
Ion Ratio Lower Upper
99 100
42 19.0 15.7 23.5
71 43.0 32.5 48.7



#8
2-Chlorophenol
Concen: 49.427 ng
RT: 7.967 min Scan# 754
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 128 Resp: 44930
Ion Ratio Lower Upper
128 100
130 31.3 12.6 52.6
64 52.3 40.6 80.6

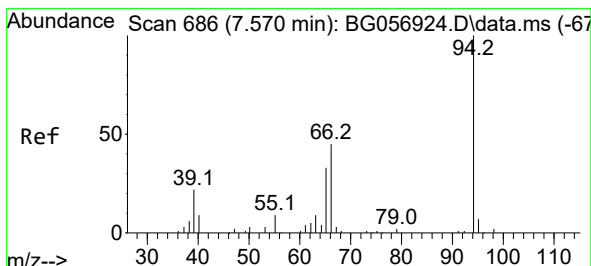
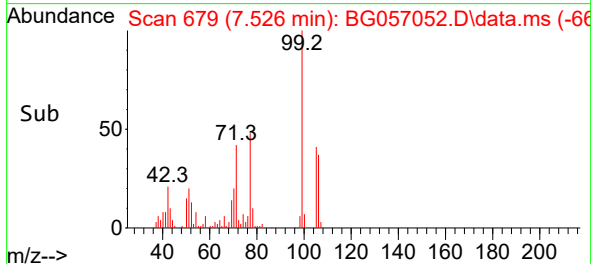
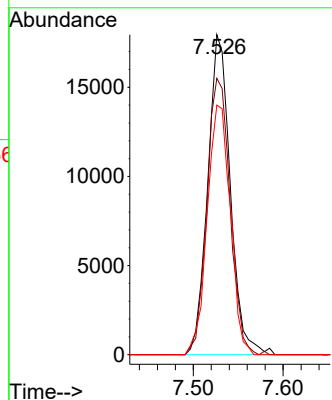
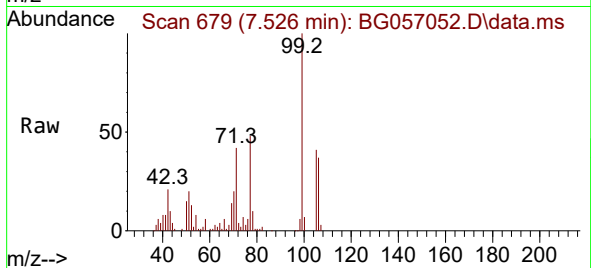




#9
Benzaldehyde
Concen: 36.639 ng
RT: 7.526 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

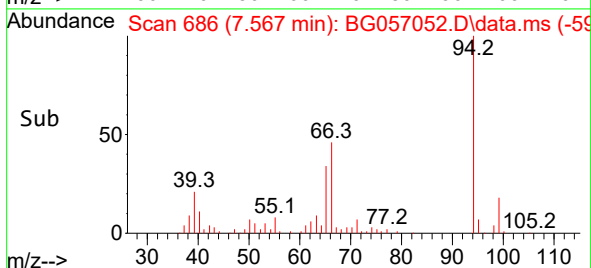
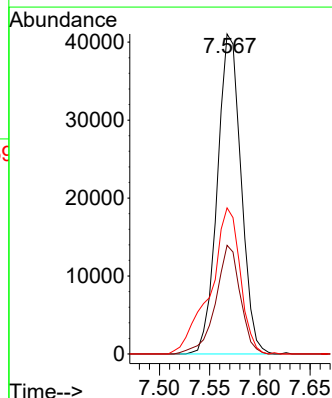
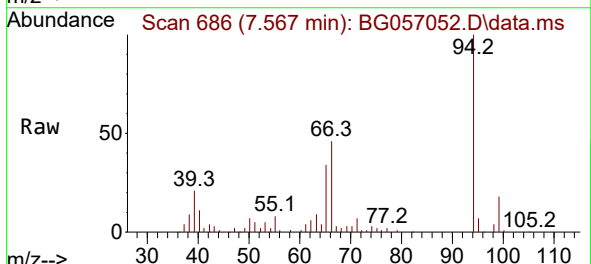
Instrument :
BNA_G
ClientSampleId :
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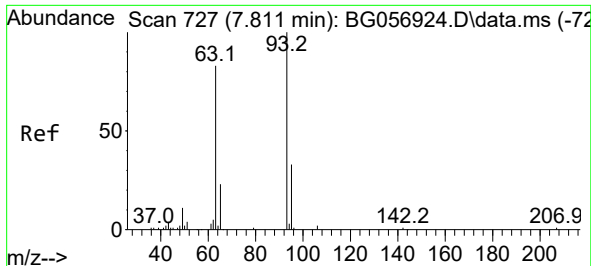
Tgt Ion: 77 Resp: 31367
Ion Ratio Lower Upper
77 100
105 86.4 73.6 113.6
106 78.0 56.7 96.7



#10
Phenol
Concen: 49.739 ng
RT: 7.567 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 94 Resp: 67271
Ion Ratio Lower Upper
94 100
65 33.9 13.3 53.3
66 45.7 26.7 66.7

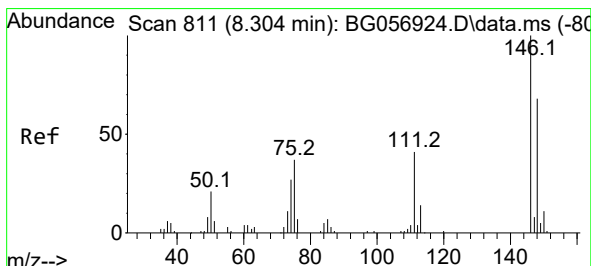
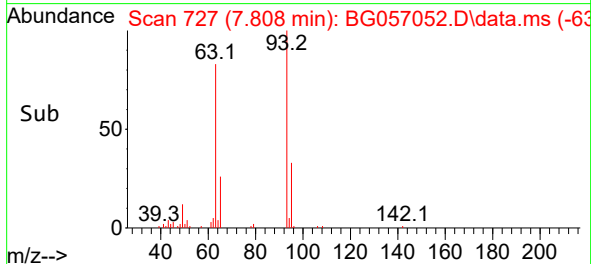
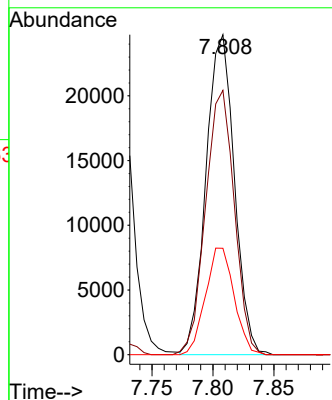
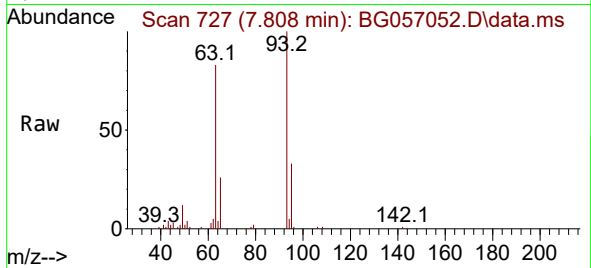




#11
bis(2-Chloroethyl)ether
Concen: 41.576 ng
RT: 7.808 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

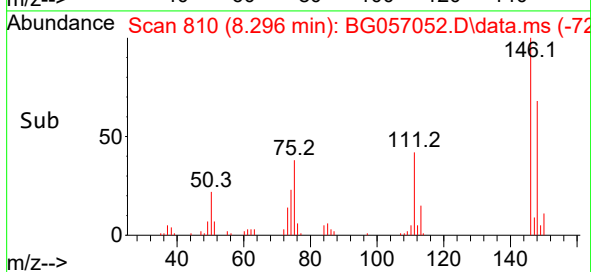
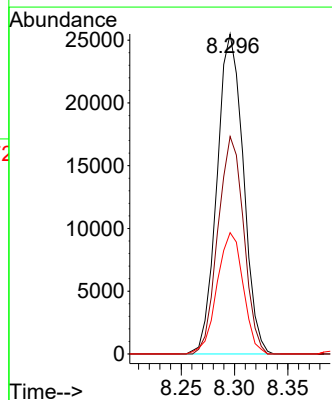
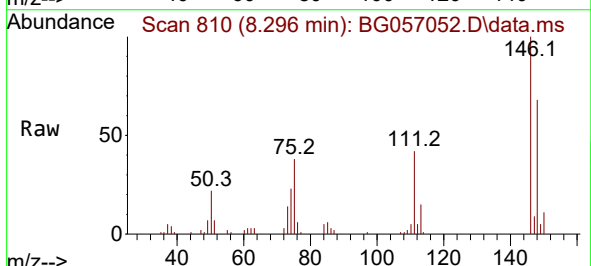
Instrument :
BNA_G
ClientSampleId :
PB152035BS

Tgt Ion: 93 Resp: 40054
Ion Ratio Lower Upper
93 100
63 82.6 62.7 102.7
95 33.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.465 ng
RT: 8.296 min Scan# 810
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 146 Resp: 43657
Ion Ratio Lower Upper
146 100
148 68.0 54.2 81.4
75 37.9 29.8 44.8

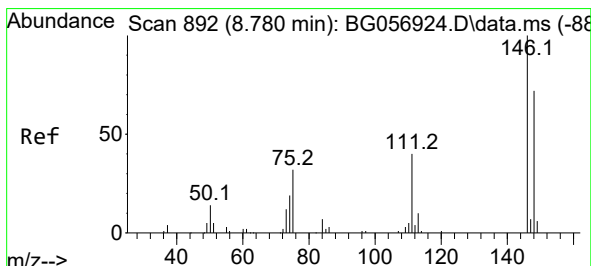
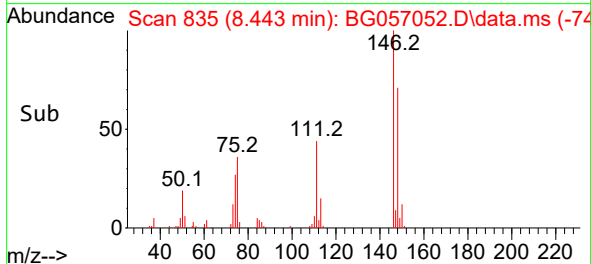
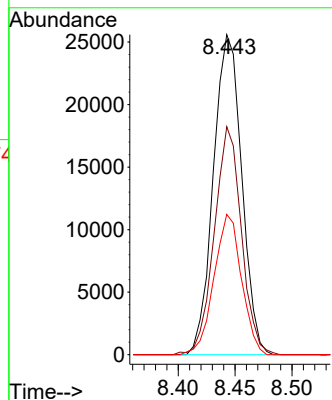
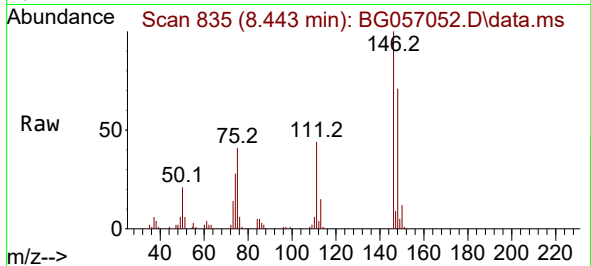




#13
1,4-Dichlorobenzene
Concen: 43.749 ng
RT: 8.443 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

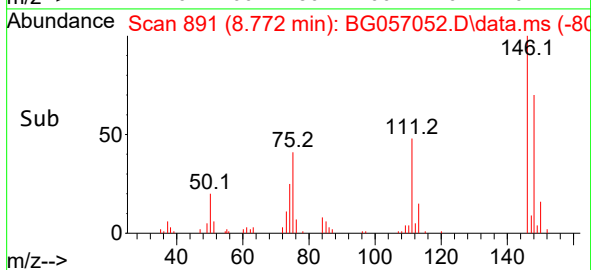
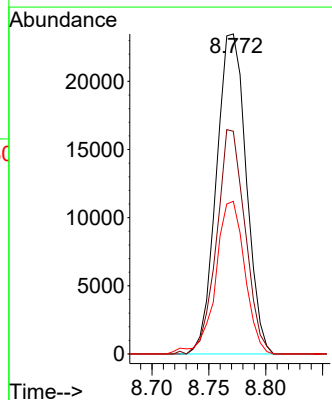
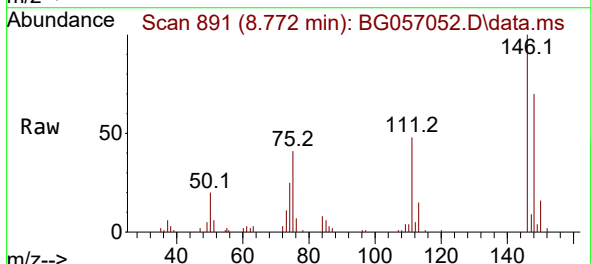
Instrument :
BNA_G
ClientSampleId :
PB152035BS

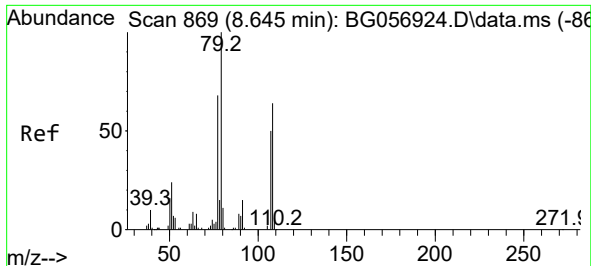
Tgt Ion:146 Resp: 44350
Ion Ratio Lower Upper
146 100
148 71.2 54.8 82.2
111 43.8 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 43.713 ng
RT: 8.772 min Scan# 891
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:146 Resp: 42812
Ion Ratio Lower Upper
146 100
148 69.6 57.4 86.0
111 47.7 33.2 49.8

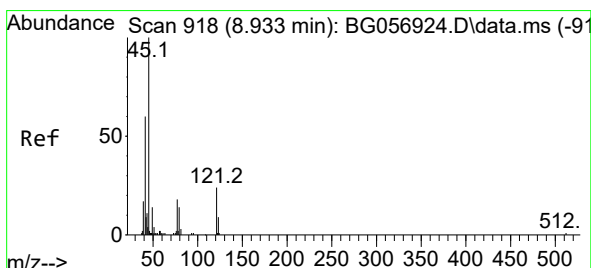
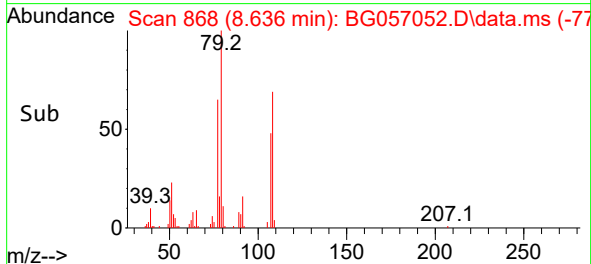
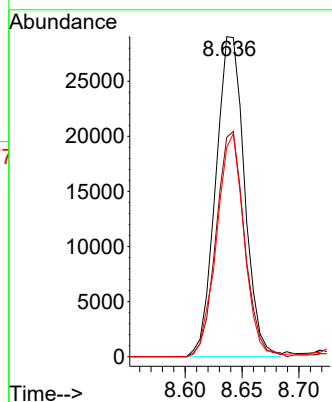
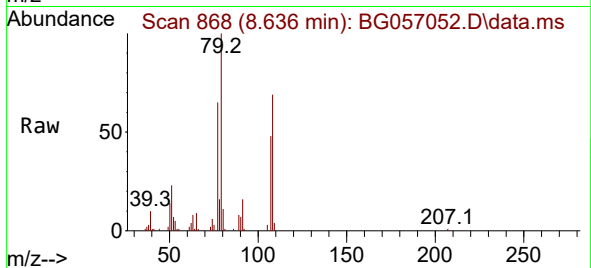




#15
Benzyl Alcohol
Concen: 45.004 ng
RT: 8.636 min Scan# 868
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

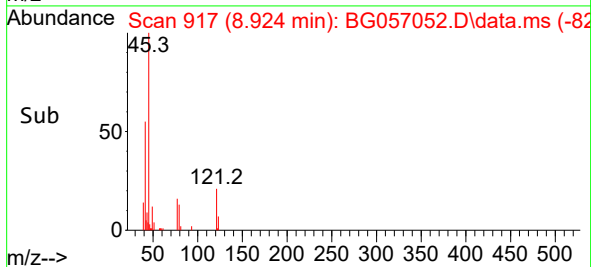
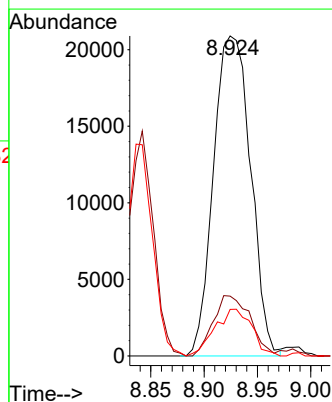
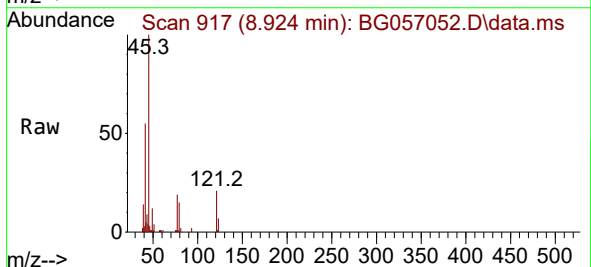
Instrument :
BNA_G
ClientSampleId :
PB152035BS

Tgt Ion: 79 Resp: 51041
Ion Ratio Lower Upper
79 100
108 68.5 51.2 76.8
77 65.4 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.550 ng
RT: 8.924 min Scan# 917
Delta R.T. -0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 45 Resp: 50564
Ion Ratio Lower Upper
45 100
77 18.7 0.0 38.7
79 14.6 0.0 35.1





#17

2-Methylphenol

Concen: 45.368 ng

RT: 8.842 min Scan# 90

Delta R.T. -0.000 min

Lab File: BG057052.D

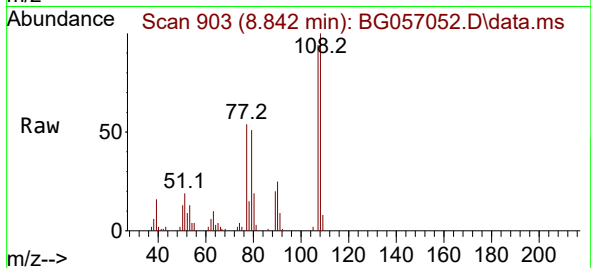
Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS



Tgt Ion:107 Resp: 43776

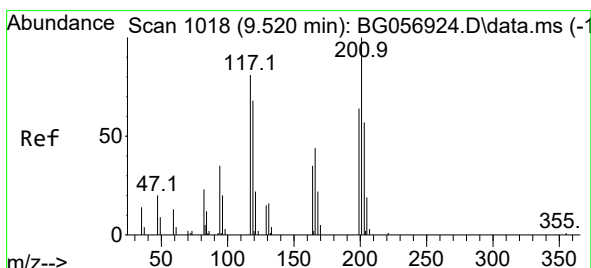
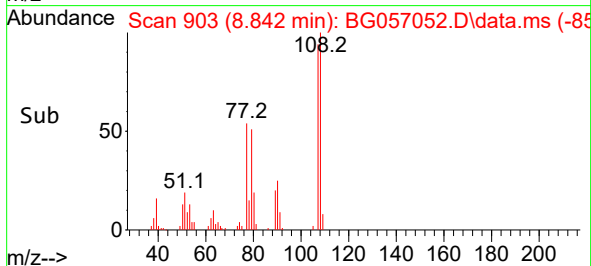
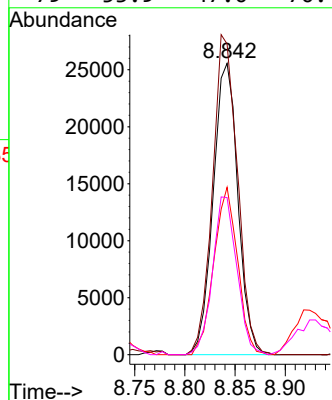
Ion Ratio Lower Upper

107 100

108 106.6 96.0 144.0

77 57.5 45.6 68.4

79 53.9 47.0 70.4



#18

Hexachloroethane

Concen: 43.304 ng

RT: 9.512 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

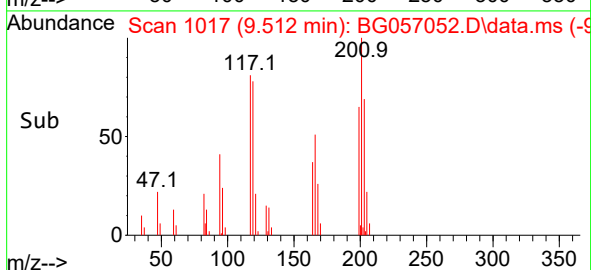
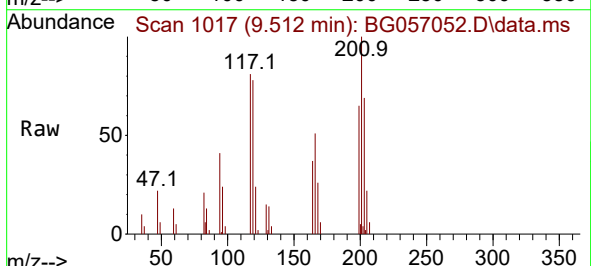
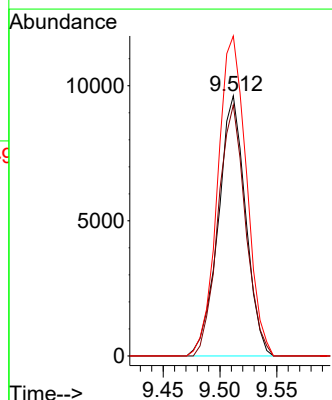
Tgt Ion:117 Resp: 16045

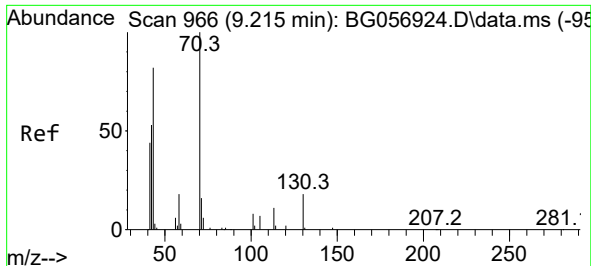
Ion Ratio Lower Upper

117 100

119 96.4 67.0 100.6

201 123.0 98.7 148.1

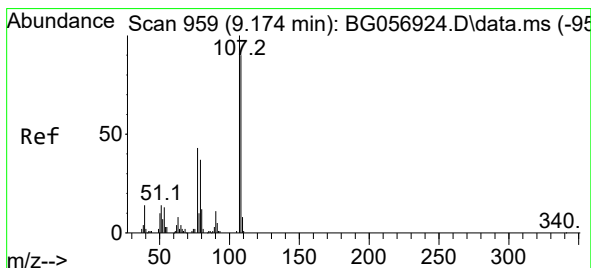
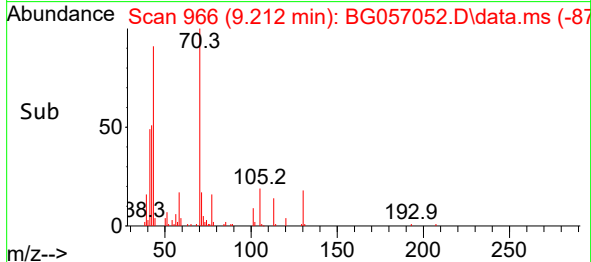
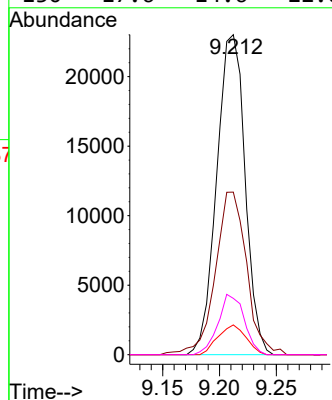
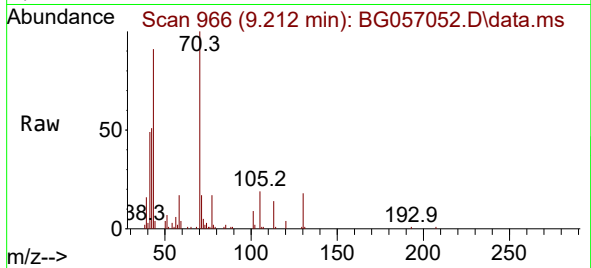




#19
n-Nitroso-di-n-propylamine
Concen: 40.924 ng
RT: 9.212 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

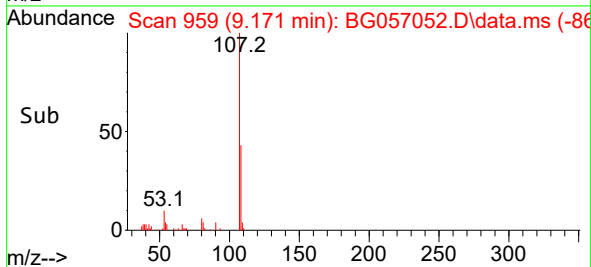
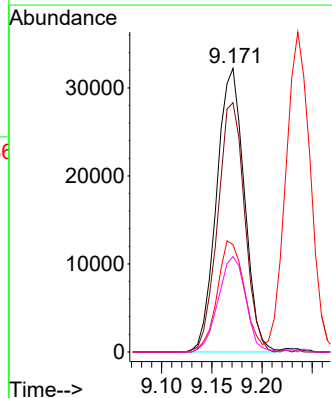
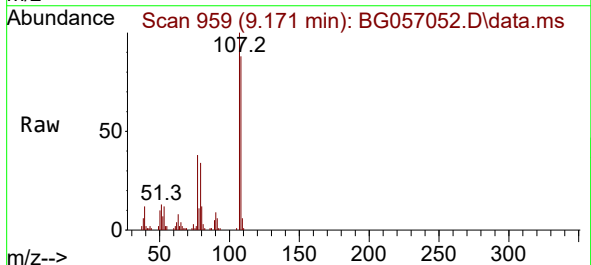
Instrument :
BNA_G
ClientSampleId :
PB152035BS

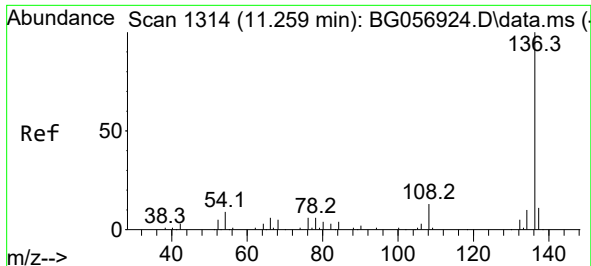
Tgt Ion: 70 Resp: 39954
Ion Ratio Lower Upper
70 100
42 50.8 43.4 65.0
101 9.3 6.2 9.2#
130 17.6 14.6 22.0



#20
3+4-Methylphenols
Concen: 45.846 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 107 Resp: 61858
Ion Ratio Lower Upper
107 100
108 87.9 69.9 109.9
77 37.8 22.7 62.7
79 33.6 16.5 56.5

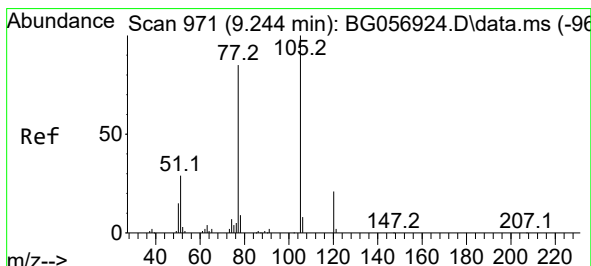
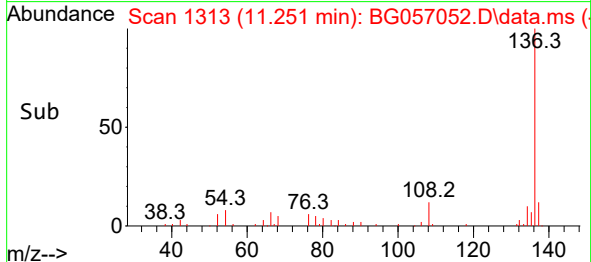
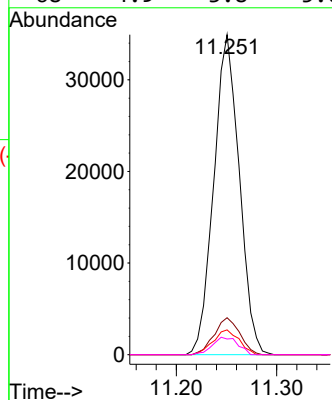
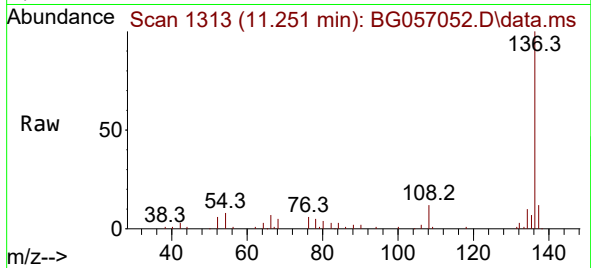




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

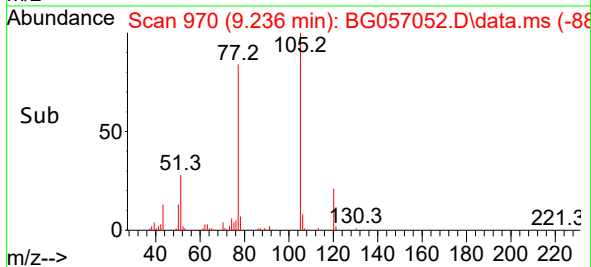
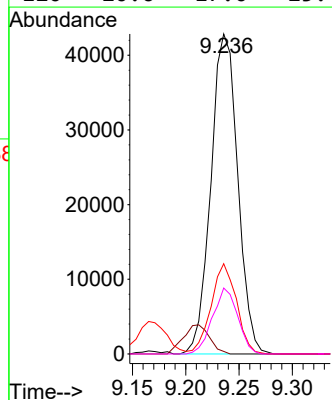
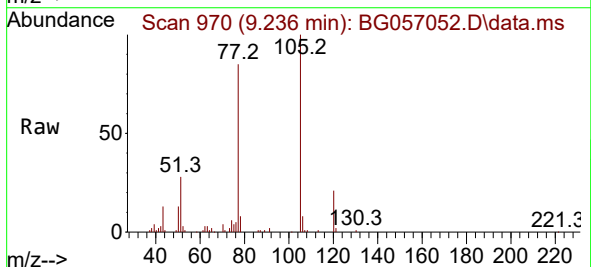
Instrument :
BNA_G
ClientSampleId :
PB152035BS

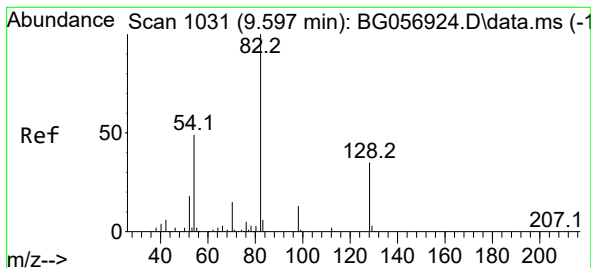
Tgt Ion:136 Resp: 61577
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 7.7 6.9 10.3
68 4.9 3.8 5.6



#22
Acetophenone
Concen: 40.961 ng
RT: 9.236 min Scan# 970
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:105 Resp: 75052
Ion Ratio Lower Upper
105 100
71 0.8 0.7 1.1
51 28.2 23.8 35.8
120 20.6 17.0 25.4





#23

Nitrobenzene-d5

Concen: 64.380 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

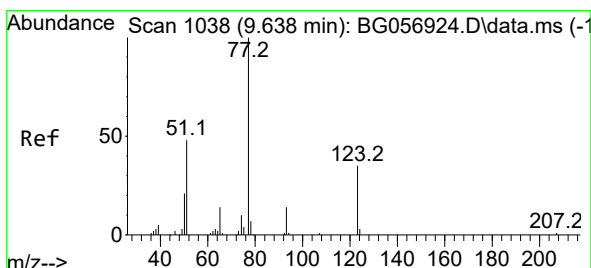
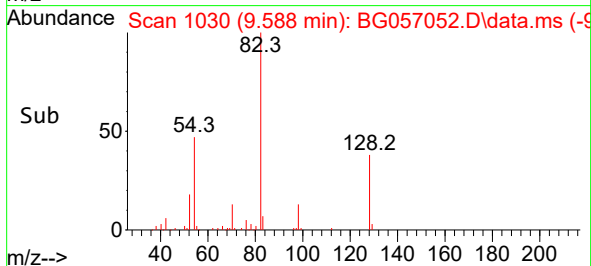
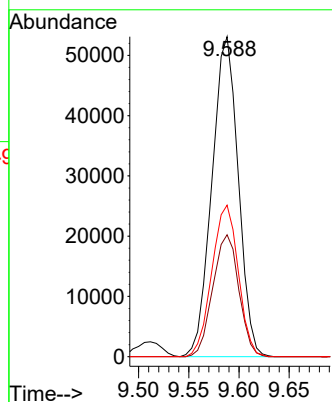
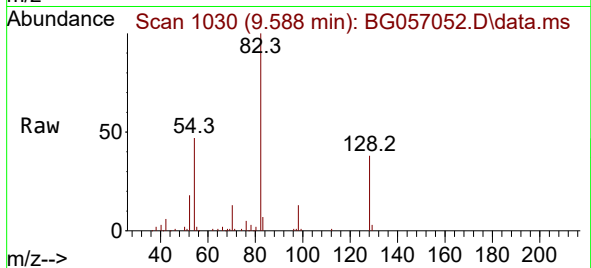
Tgt Ion: 82 Resp: 96885

Ion Ratio Lower Upper

82 100

128 38.1 27.9 41.9

54 47.3 39.4 59.2



#24

Nitrobenzene

Concen: 39.312 ng

RT: 9.629 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

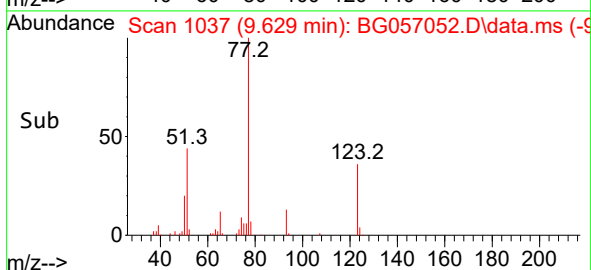
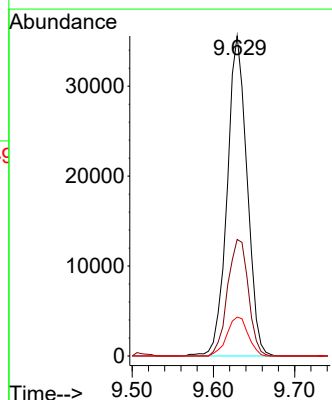
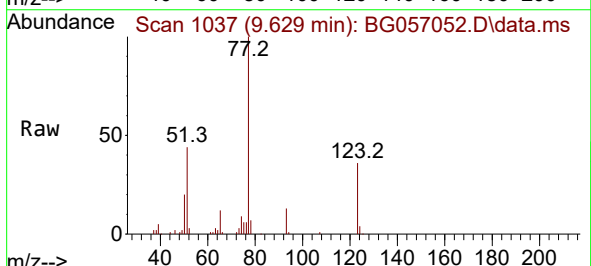
Tgt Ion: 77 Resp: 60485

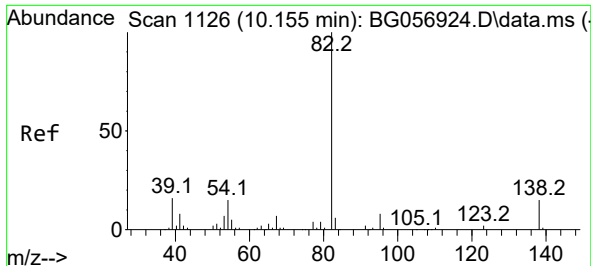
Ion Ratio Lower Upper

77 100

123 36.4 27.6 41.4

65 12.1 11.5 17.3

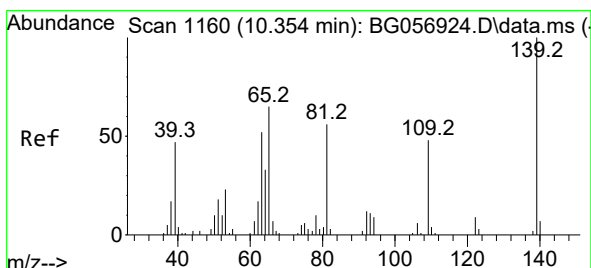
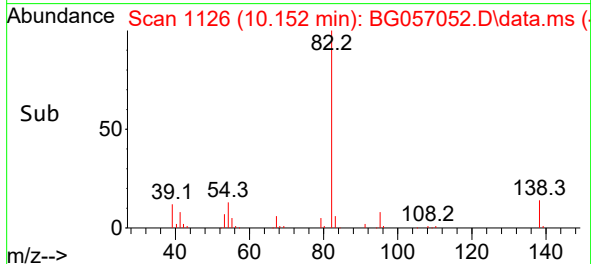
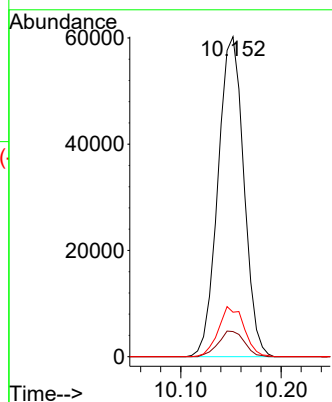
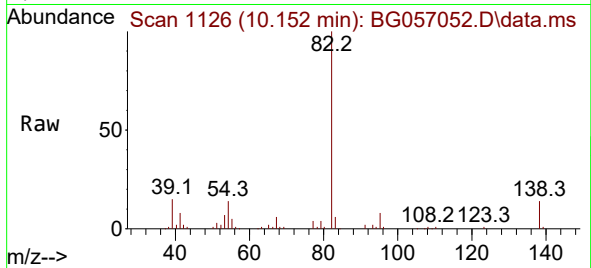




#25
Isophorone
Concen: 37.591 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

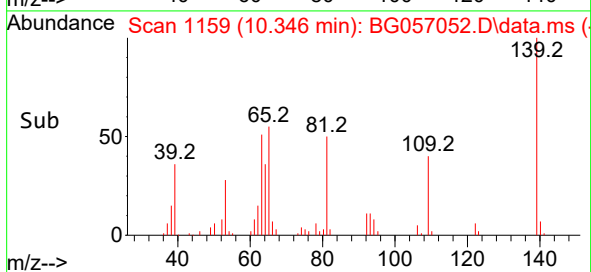
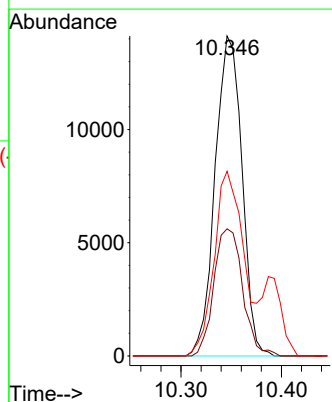
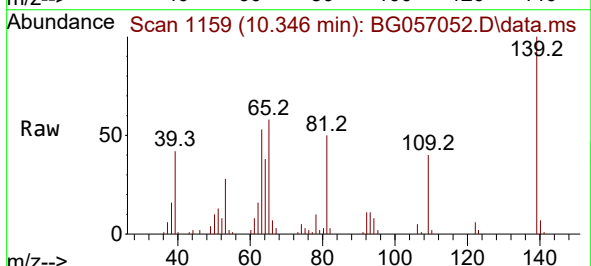
Instrument :
BNA_G
ClientSampleId :
PB152035BS

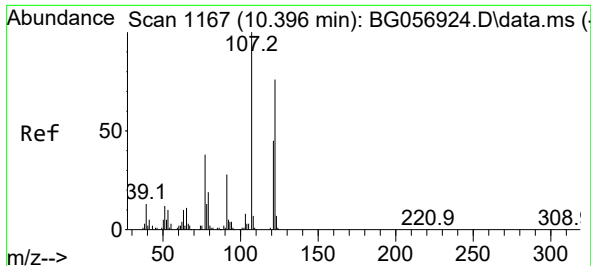
Tgt Ion: 82 Resp: 107724
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 13.9 11.8 17.8



#26
2-Nitrophenol
Concen: 44.206 ng
RT: 10.346 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:139 Resp: 26253
Ion Ratio Lower Upper
139 100
109 39.7 38.2 57.4
65 57.7 51.8 77.8

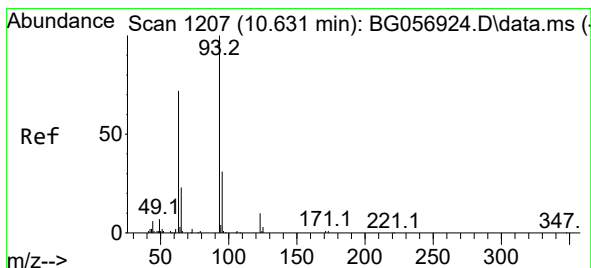
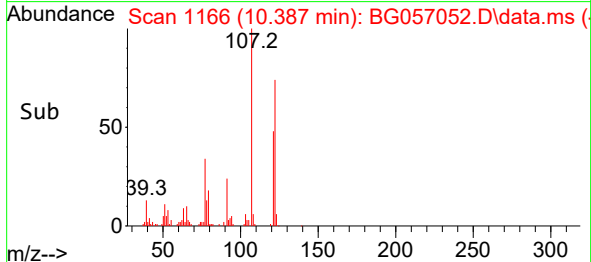
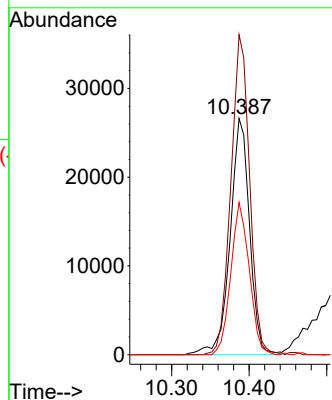
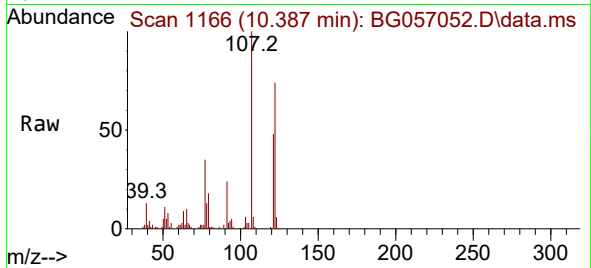




#27
2,4-Dimethylphenol
Concen: 44.082 ng
RT: 10.387 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

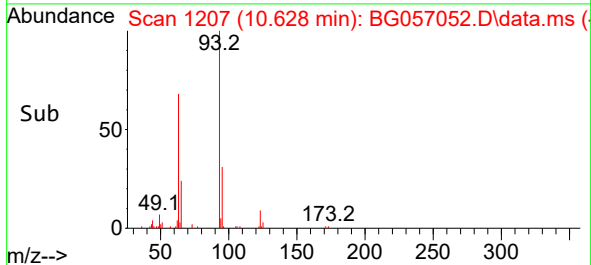
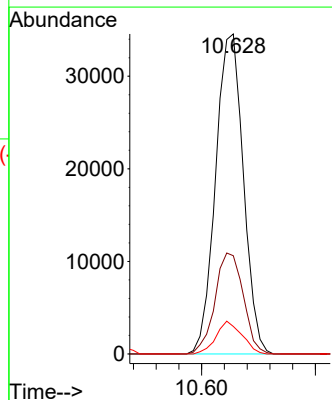
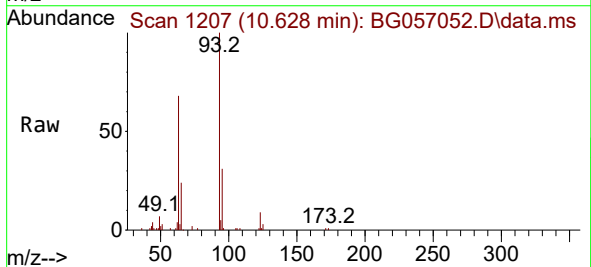
Instrument :
BNA_G
ClientSampleId :
PB152035BS

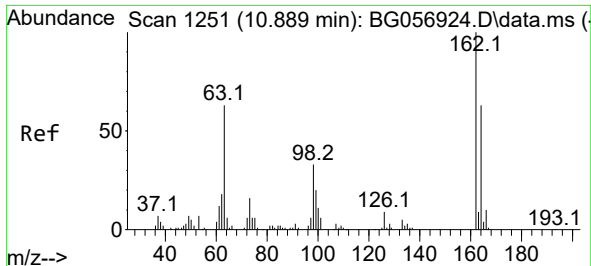
Tgt Ion:122 Resp: 46222
Ion Ratio Lower Upper
122 100
107 135.5 105.7 158.5
121 64.4 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.824 ng
RT: 10.628 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 93 Resp: 58570
Ion Ratio Lower Upper
93 100
95 30.7 24.6 37.0
123 8.6 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 44.009 ng

RT: 10.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

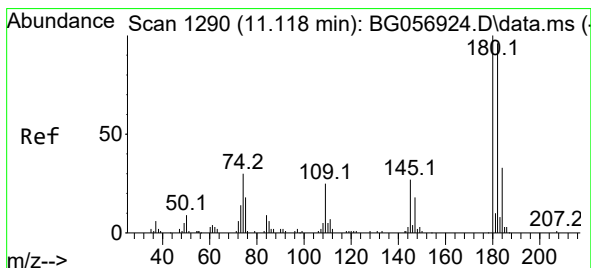
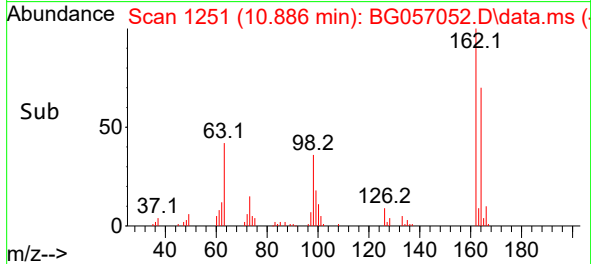
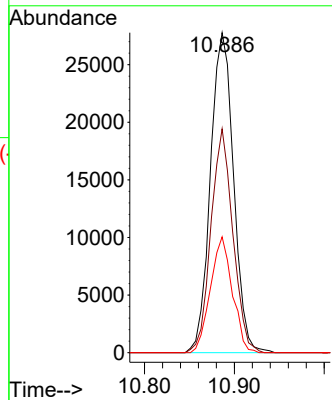
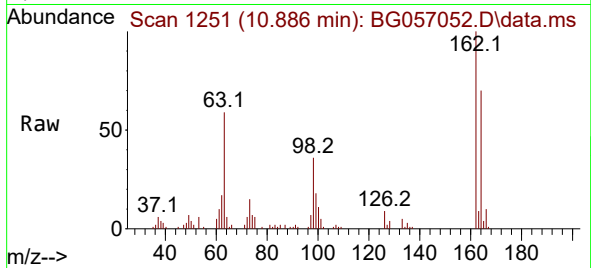
Tgt Ion:162 Resp: 49627

Ion Ratio Lower Upper

162 100

164 70.0 43.4 83.4

98 36.2 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 42.488 ng

RT: 11.110 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

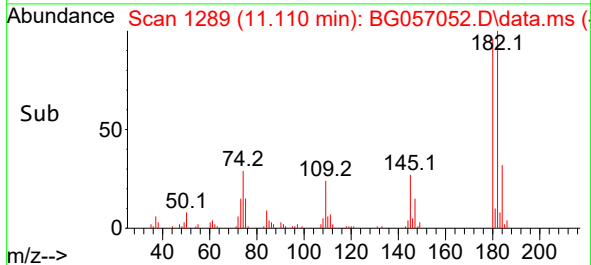
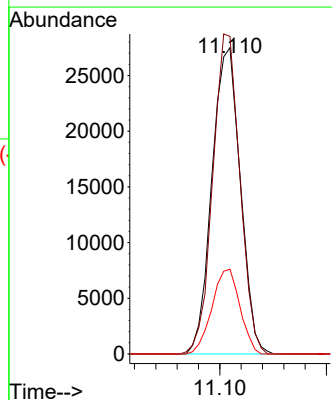
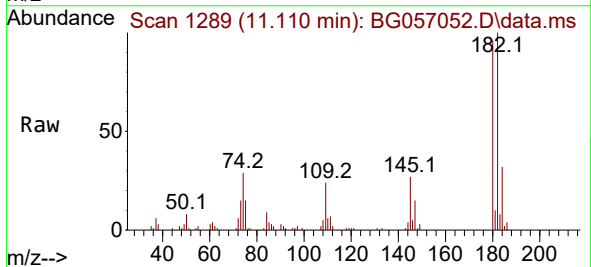
Tgt Ion:180 Resp: 50908

Ion Ratio Lower Upper

180 100

182 103.7 77.1 115.7

145 27.7 21.3 31.9

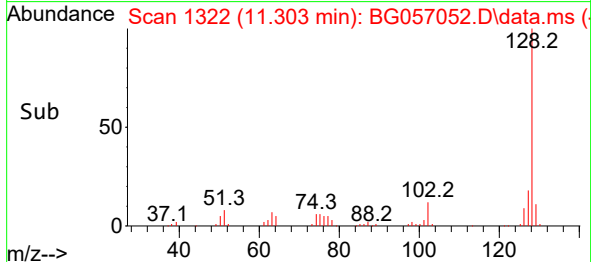
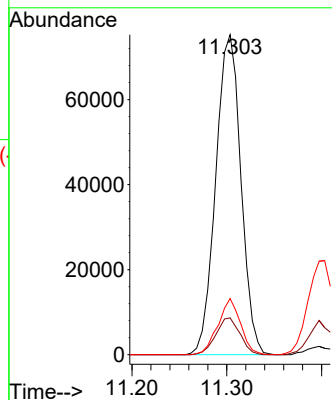
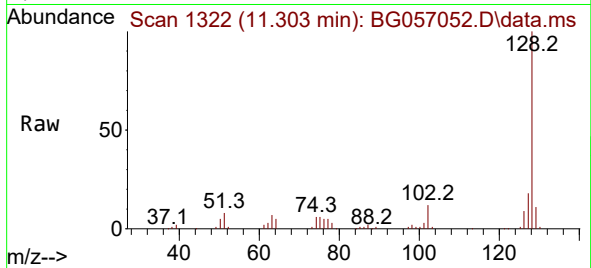




#31
Naphthalene
Concen: 41.374 ng
RT: 11.303 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

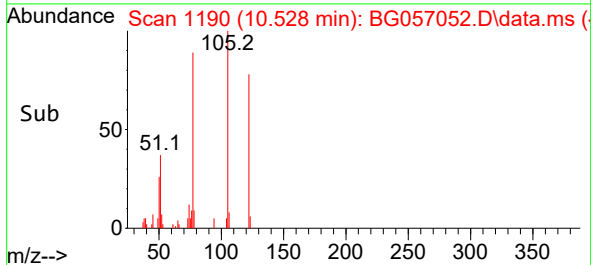
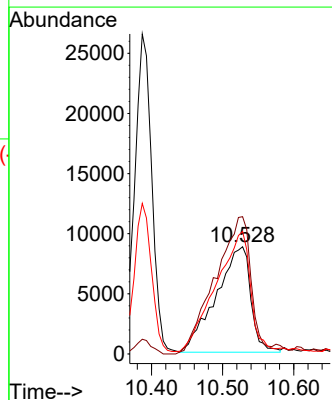
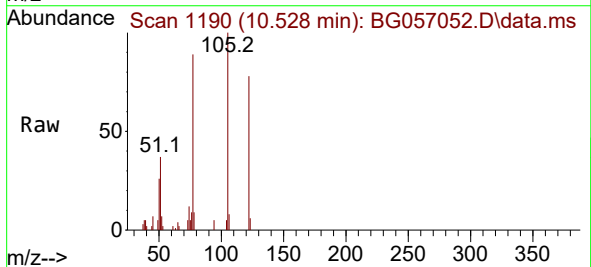
Instrument :
BNA_G
ClientSampleId :
PB152035BS

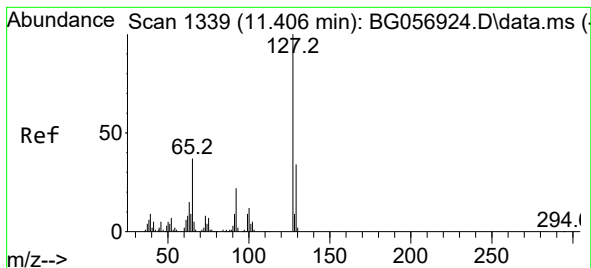
Tgt Ion:128 Resp: 138866
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 17.5 12.2 18.4



#32
Benzoic acid
Concen: 41.243 ng
RT: 10.528 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:122 Resp: 29706
Ion Ratio Lower Upper
122 100
105 128.0 105.4 145.4
77 114.2 87.4 127.4

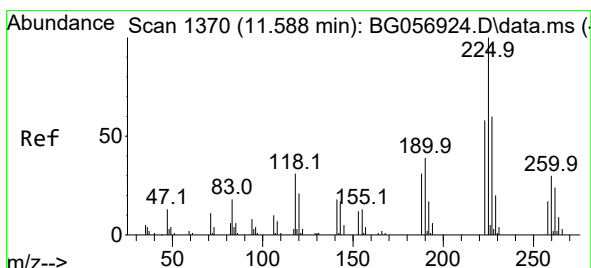
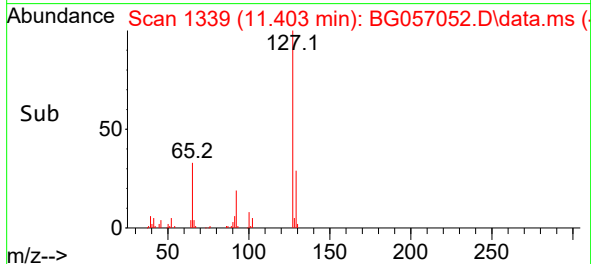
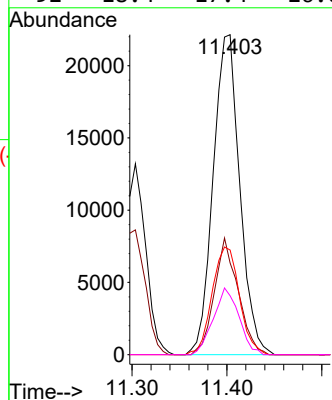
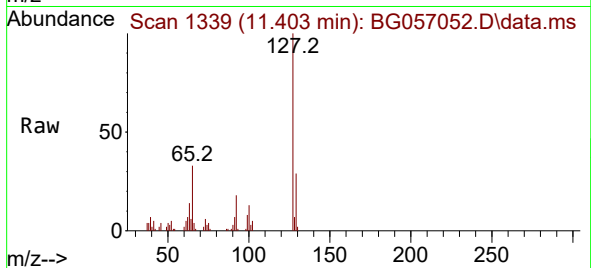




#33
4-Chloroaniline
Concen: 28.474 ng
RT: 11.403 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

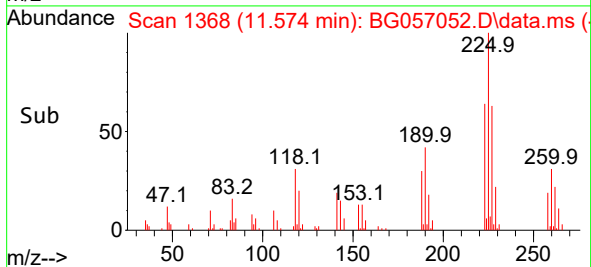
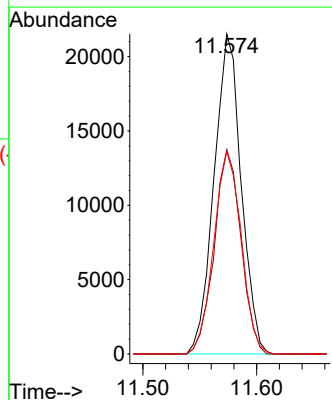
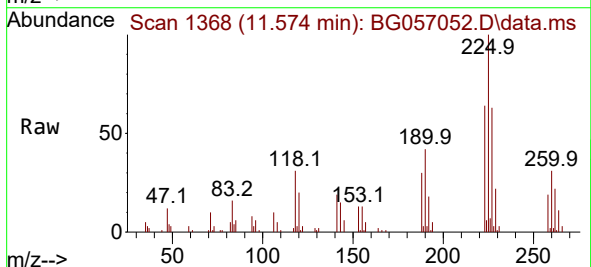
Instrument :
BNA_G
ClientSampleId :
PB152035BS

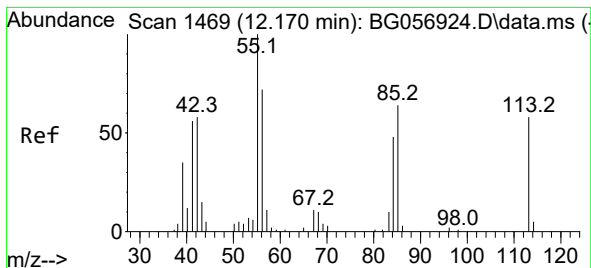
Tgt Ion:	127	Resp:	43163
Ion	Ratio	Lower	Upper
127	100		
129	28.6	27.6	41.4
65	32.7	29.8	44.8
92	18.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 39.644 ng
RT: 11.574 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:	225	Resp:	35681
Ion	Ratio	Lower	Upper
225	100		
223	63.8	46.4	69.6
227	63.3	48.0	72.0

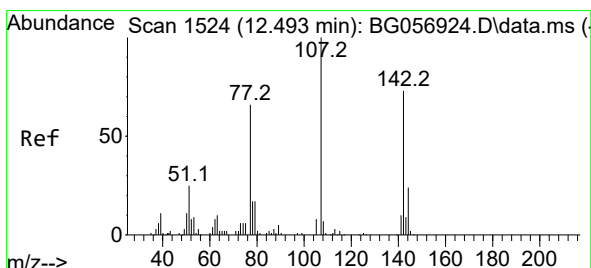
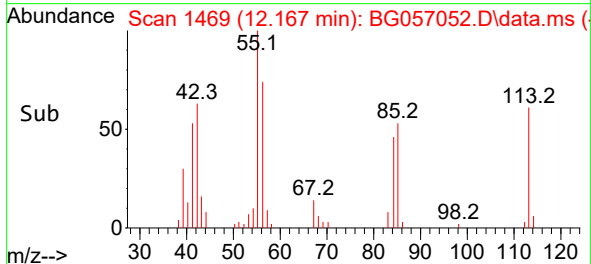
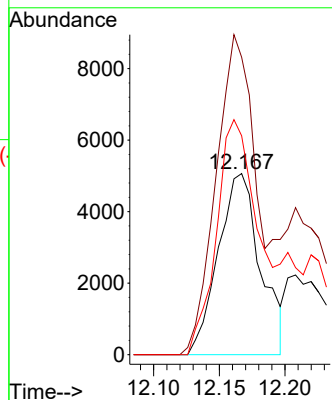
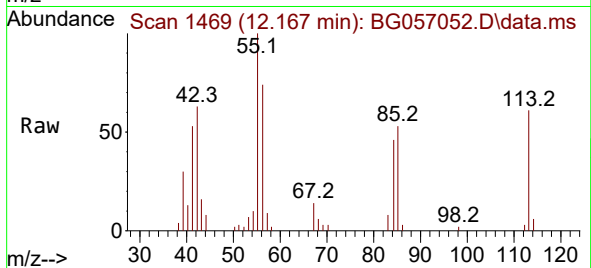




#35
 Caprolactam
 Concen: 29.082 ng
 RT: 12.167 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

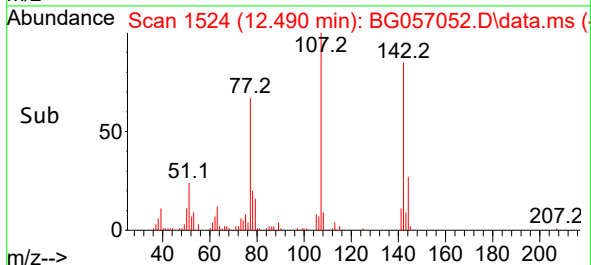
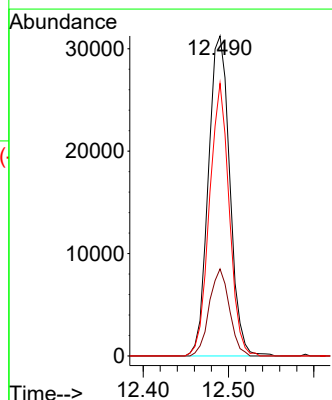
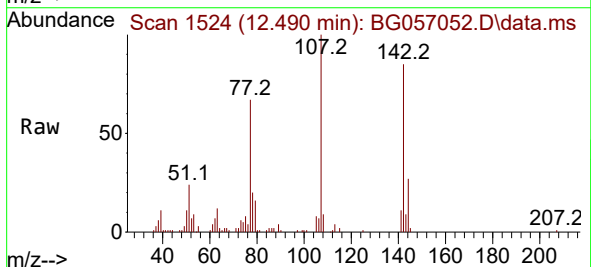
Instrument :
 BNA_G
 ClientSampleId :
 PB152035BS

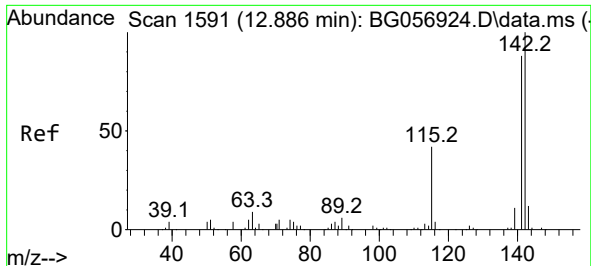
Tgt Ion:113 Resp: 11310
 Ion Ratio Lower Upper
 113 100
 55 164.2 151.6 191.6
 56 120.9 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.235 ng
 RT: 12.490 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

Tgt Ion:107 Resp: 54524
 Ion Ratio Lower Upper
 107 100
 144 27.2 19.0 28.4
 142 85.2 58.6 88.0





#37

2-Methylnaphthalene

Concen: 39.318 ng

RT: 12.878 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

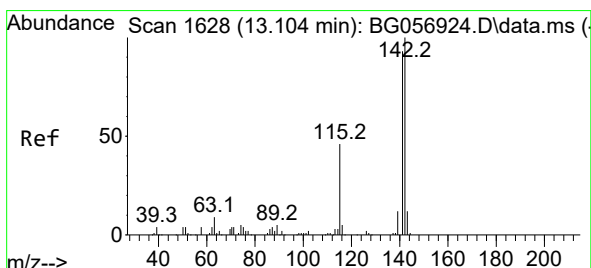
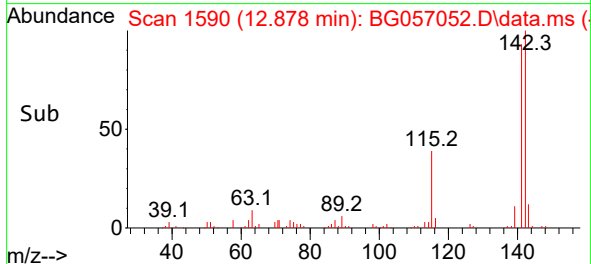
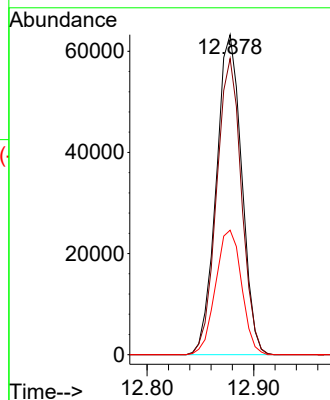
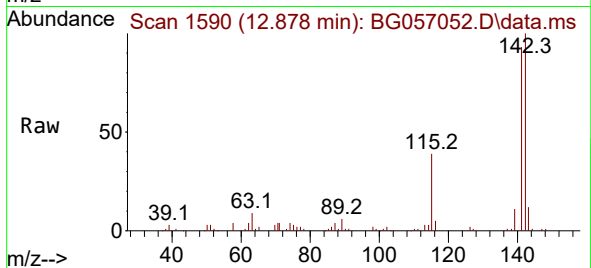
Tgt Ion:142 Resp: 104736

Ion Ratio Lower Upper

142 100

141 92.5 70.3 105.5

115 38.9 33.5 50.3



#38

1-Methylnaphthalene

Concen: 39.632 ng

RT: 13.095 min Scan# 1627

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

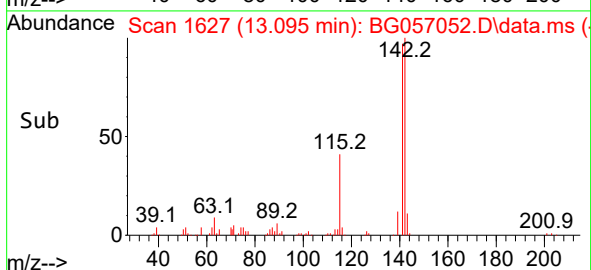
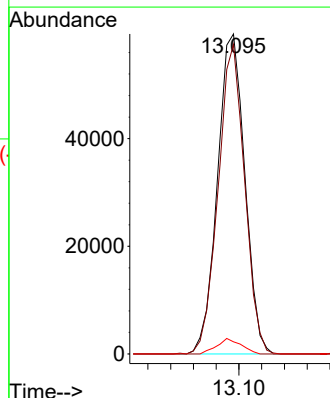
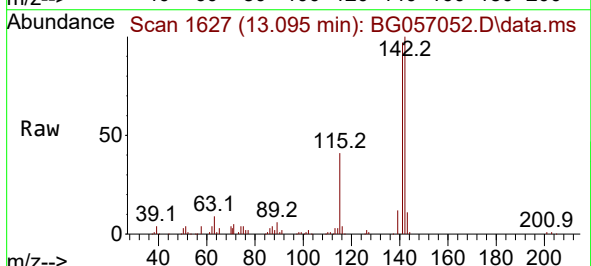
Tgt Ion:142 Resp: 99132

Ion Ratio Lower Upper

142 100

141 96.8 74.0 111.0

116 3.8 3.7 5.5

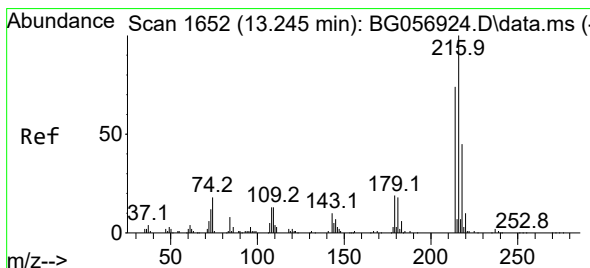
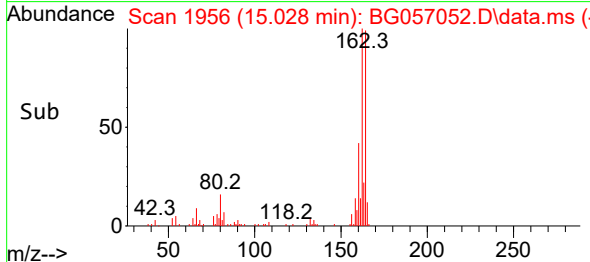
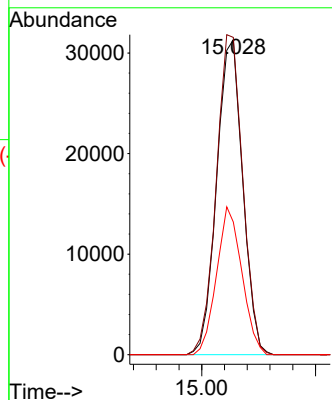
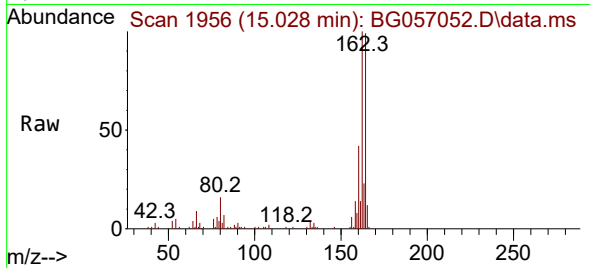




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

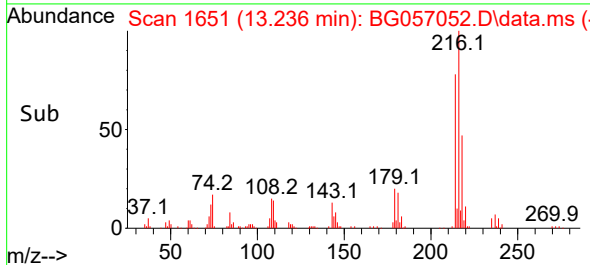
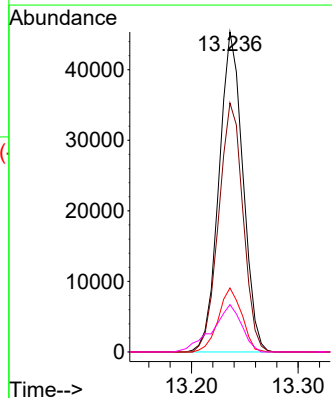
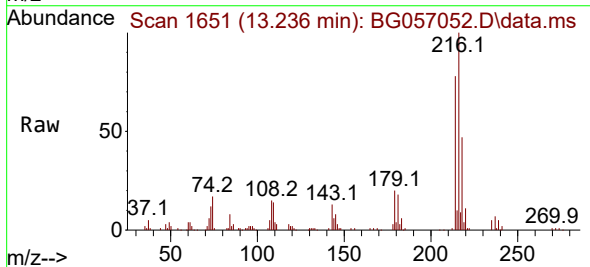
Instrument :
BNA_G
ClientSampleId :
PB152035BS

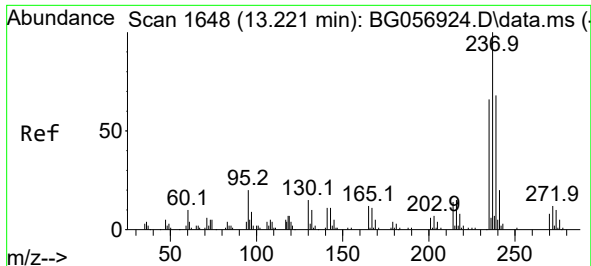
Tgt Ion:164 Resp: 49600
Ion Ratio Lower Upper
164 100
162 100.8 77.8 116.8
160 42.1 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.988 ng
RT: 13.236 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

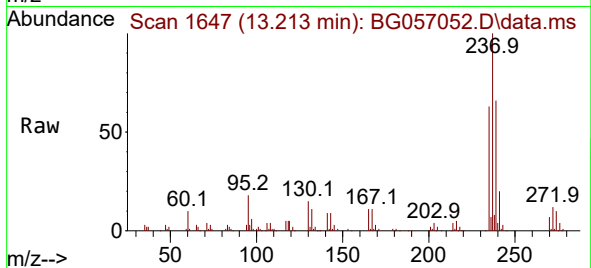
Tgt Ion:216 Resp: 70499
Ion Ratio Lower Upper
216 100
214 79.0 63.3 94.9
179 19.6 15.0 22.6
108 18.0 12.6 19.0



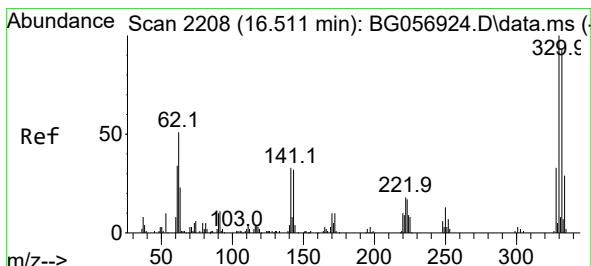
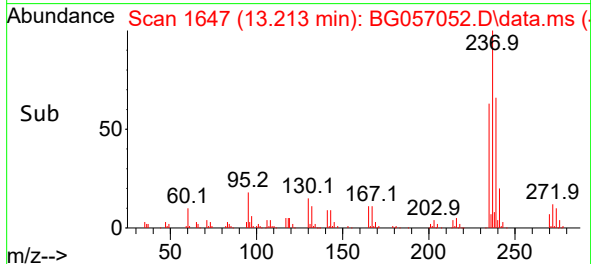
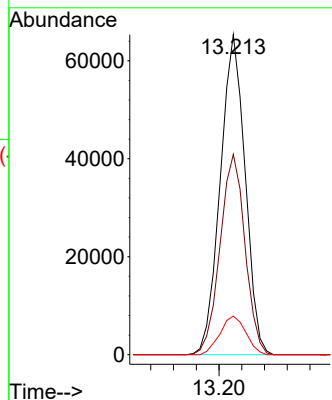


#41
Hexachlorocyclopentadiene
Concen: 104.512 ng
RT: 13.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Instrument :
BNA_G
ClientSampleId :
PB152035BS

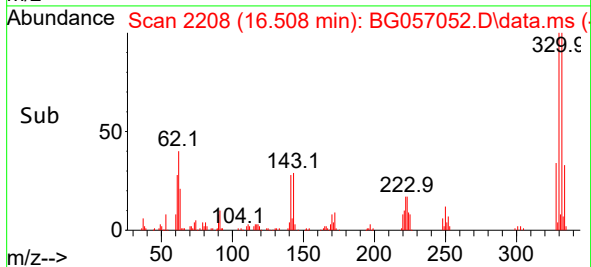
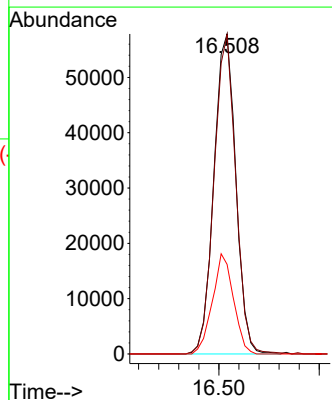
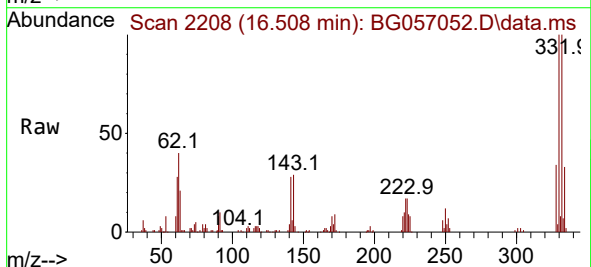


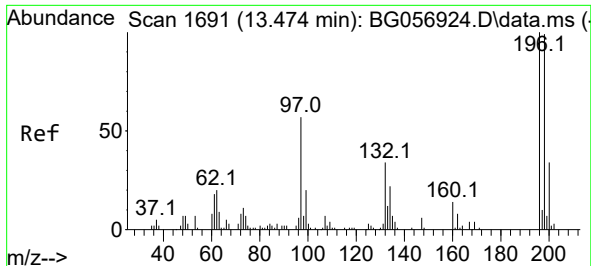
Tgt Ion:237 Resp: 99043
Ion Ratio Lower Upper
237 100
235 62.6 45.9 85.9
272 12.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 110.522 ng
RT: 16.508 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:330 Resp: 87575
Ion Ratio Lower Upper
330 100
332 98.7 76.1 114.1
141 30.0 25.8 38.6

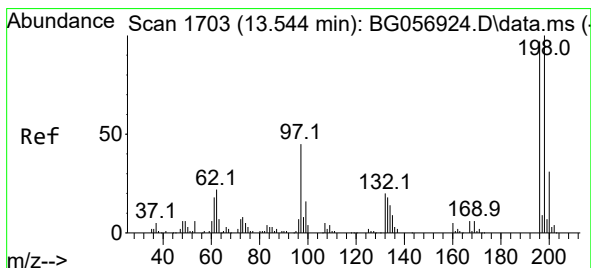
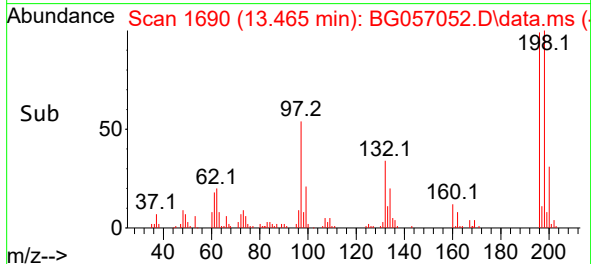
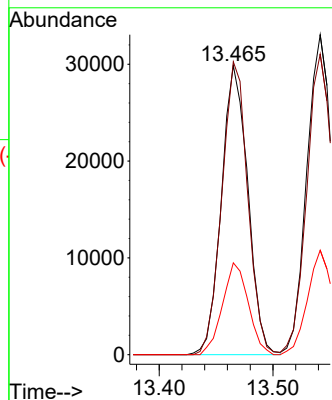
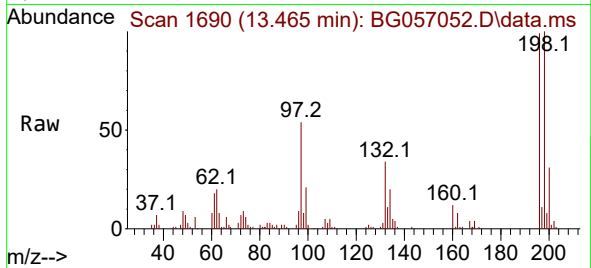




#43
2,4,6-Trichlorophenol
Concen: 43.909 ng
RT: 13.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

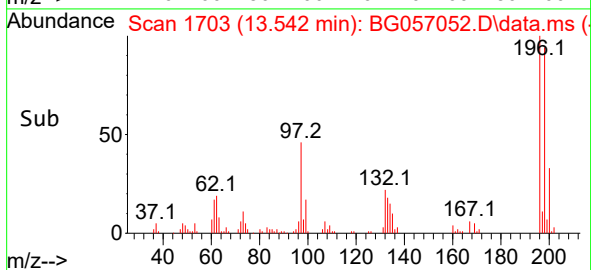
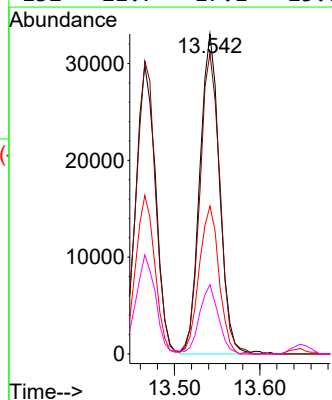
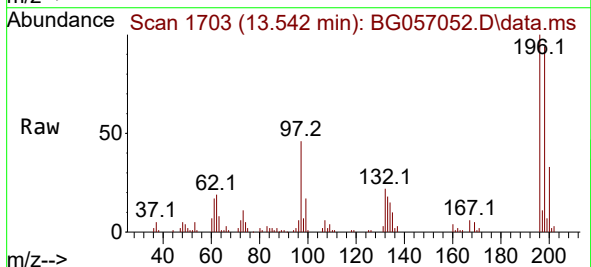
Instrument :
BNA_G
ClientSampleId :
PB152035BS

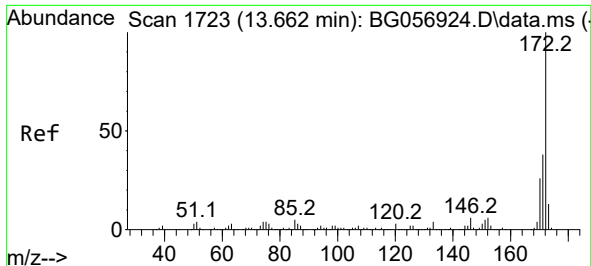
Tgt Ion:196 Resp: 48194
Ion Ratio Lower Upper
196 100
198 101.3 79.1 118.7
200 31.8 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 40.819 ng
RT: 13.542 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:196 Resp: 53075
Ion Ratio Lower Upper
196 100
198 93.9 82.5 123.7
97 46.2 37.0 55.6
132 21.7 17.1 25.7

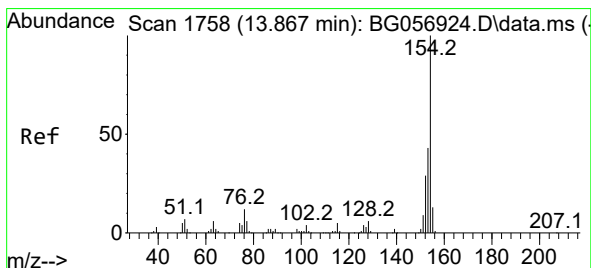
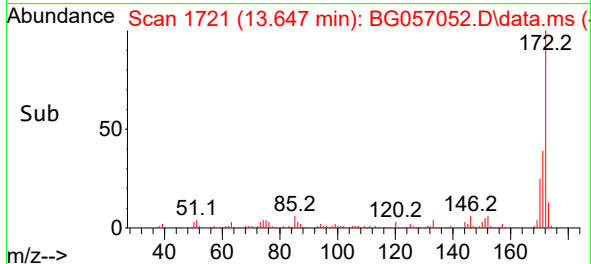
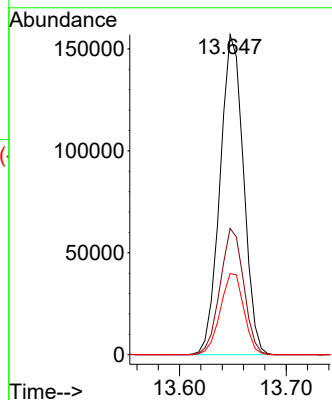
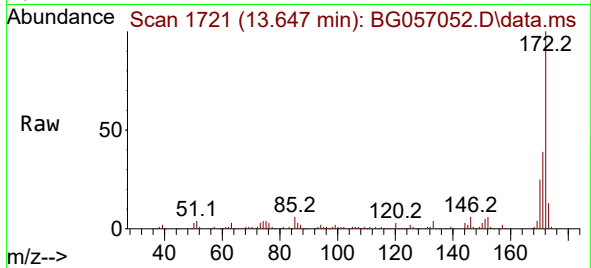




#45
2-Fluorobiphenyl
Concen: 65.585 ng
RT: 13.647 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

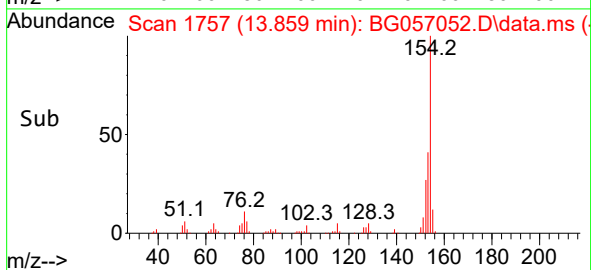
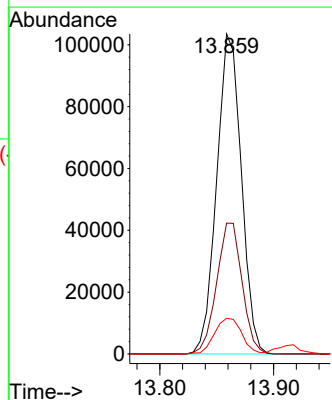
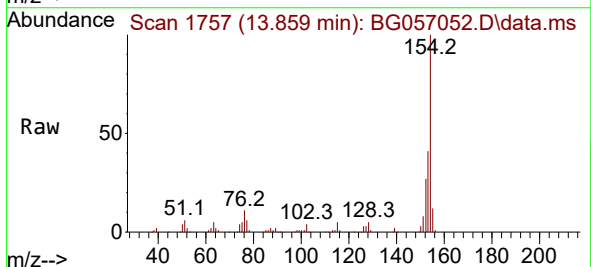
Instrument :
BNA_G
ClientSampleId :
PB152035BS

Tgt Ion:172 Resp: 239897
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 25.3 20.6 30.8



#46
1,1'-Biphenyl
Concen: 42.907 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:154 Resp: 155789
Ion Ratio Lower Upper
154 100
153 40.9 23.4 63.4
76 11.1 0.0 31.6

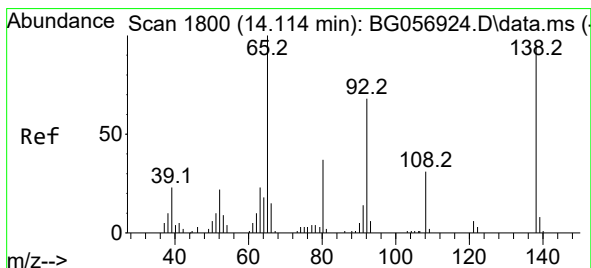
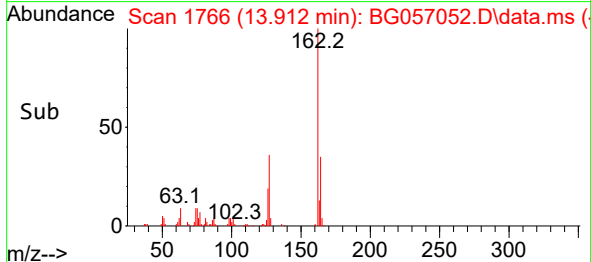
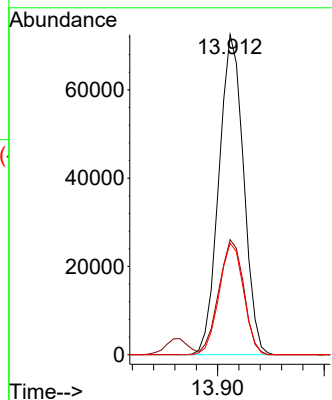
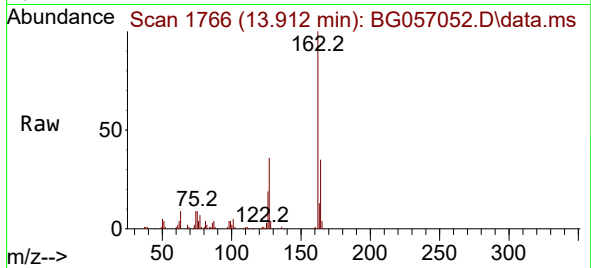




#47
2-Chloronaphthalene
Concen: 43.355 ng
RT: 13.912 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

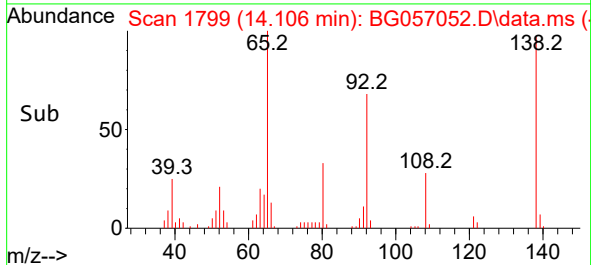
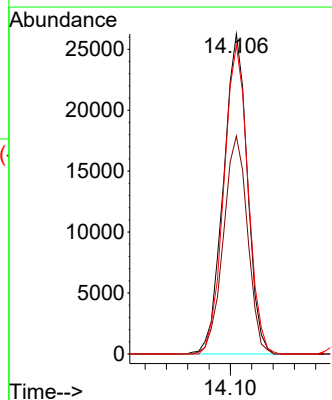
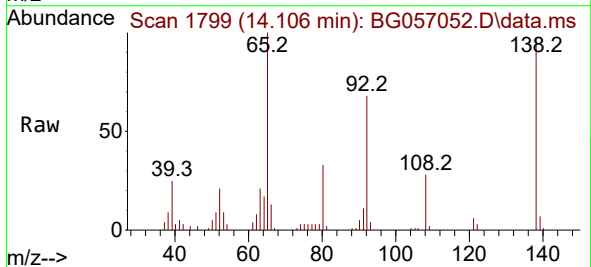
Instrument :
BNA_G
ClientSampleId :
PB152035BS

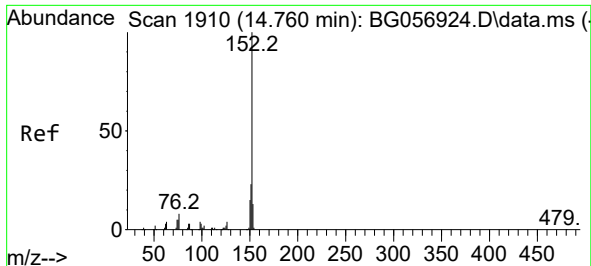
Tgt Ion:162 Resp: 116424
Ion Ratio Lower Upper
162 100
127 35.9 29.5 44.3
164 34.8 25.5 38.3



#48
2-Nitroaniline
Concen: 42.529 ng
RT: 14.106 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 65 Resp: 40837
Ion Ratio Lower Upper
65 100
92 68.1 54.3 81.5
138 96.5 76.0 114.0

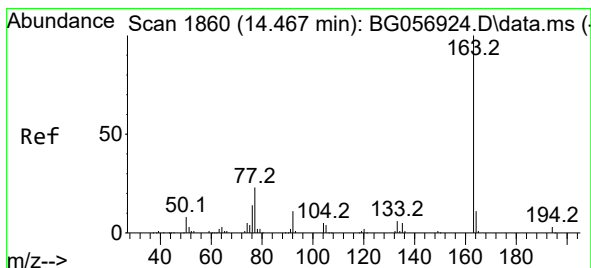
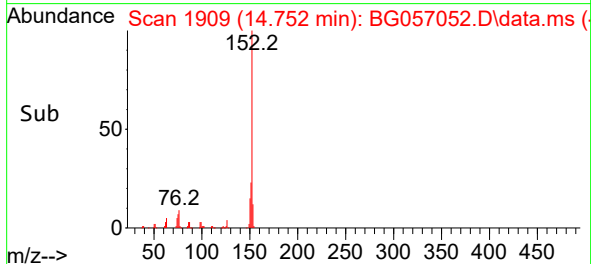
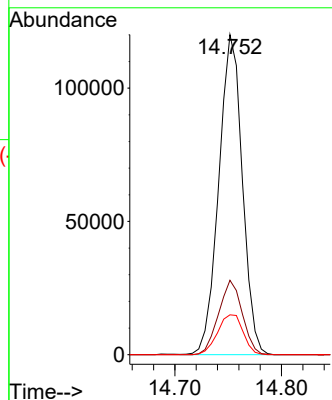
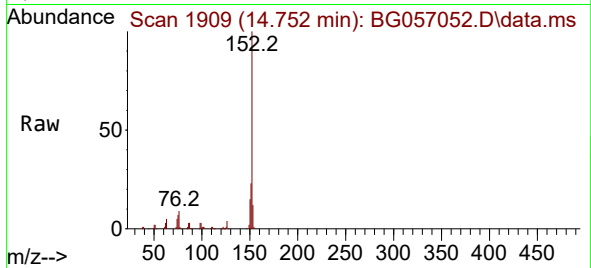




#49
Acenaphthylene
Concen: 41.717 ng
RT: 14.752 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

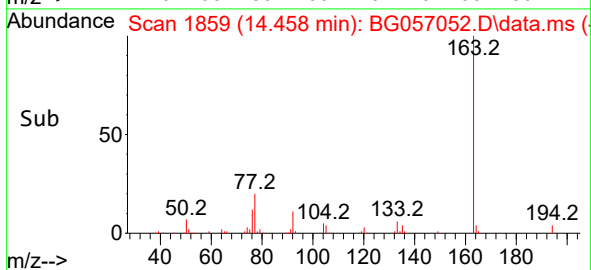
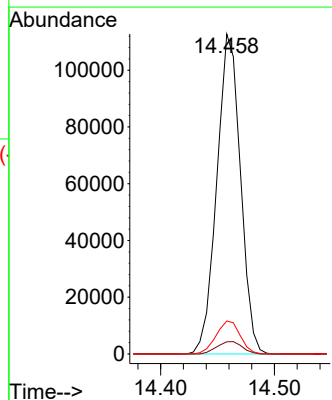
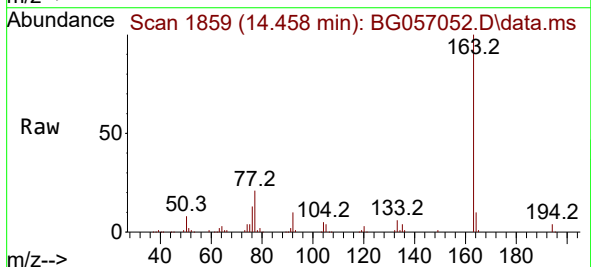
Instrument :
BNA_G
ClientSampleId :
PB152035BS

Tgt Ion:152 Resp: 184062
Ion Ratio Lower Upper
152 100
151 23.3 18.2 27.2
153 12.4 10.5 15.7



#50
Dimethylphthalate
Concen: 41.698 ng
RT: 14.458 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:163 Resp: 162962
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.3 8.8 13.2

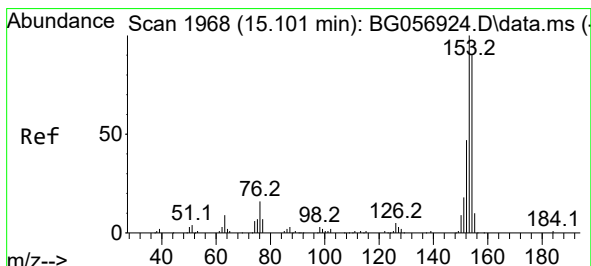
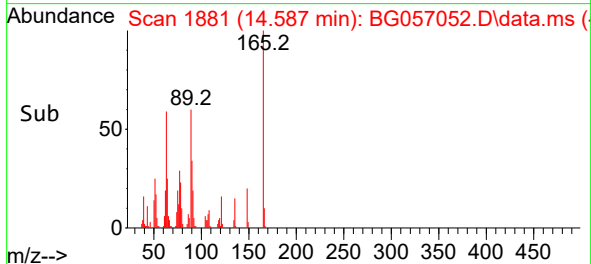
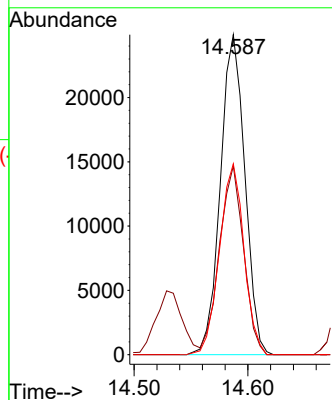
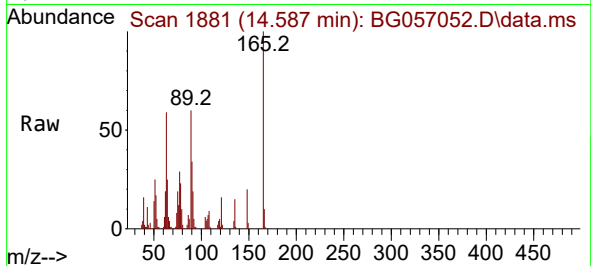




#51
2,6-Dinitrotoluene
Concen: 44.063 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

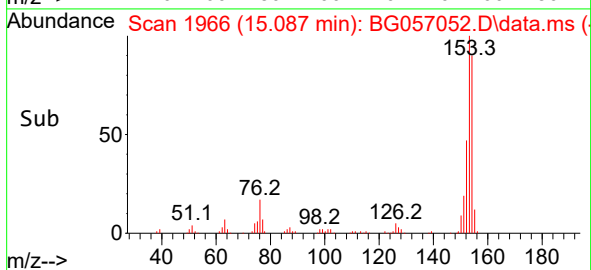
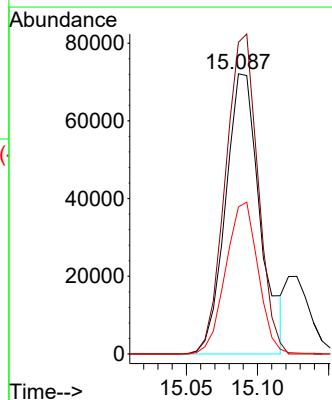
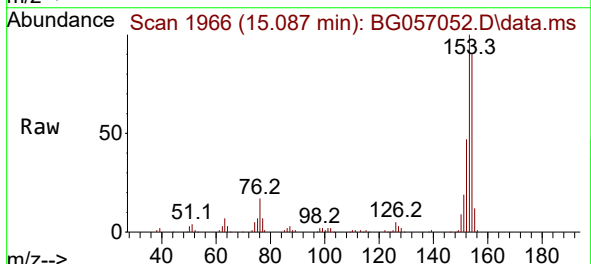
Instrument :
BNA_G
ClientSampleId :
PB152035BS

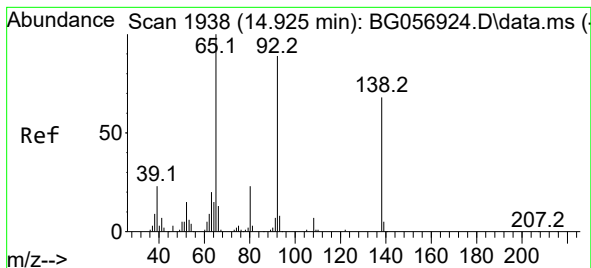
Tgt Ion:165 Resp: 37206
Ion Ratio Lower Upper
165 100
63 59.0 53.0 79.6
89 59.6 51.0 76.4



#52
Acenaphthene
Concen: 39.930 ng
RT: 15.087 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:154 Resp: 121504
Ion Ratio Lower Upper
154 100
153 111.2 88.9 133.3
152 52.5 41.8 62.8

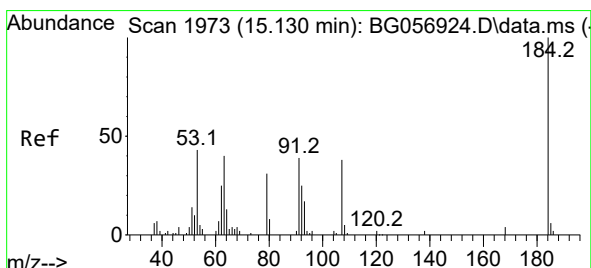
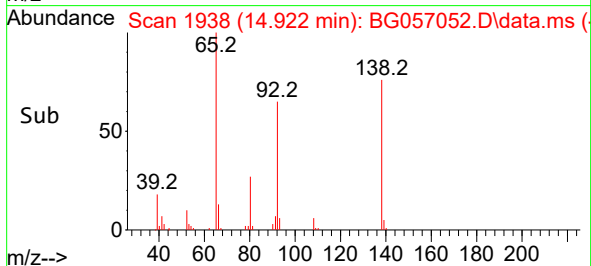
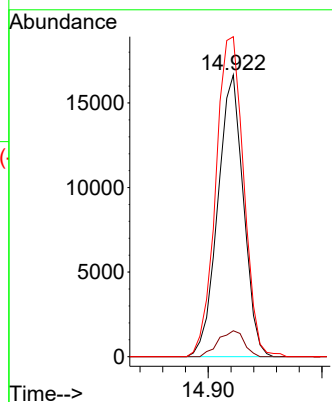
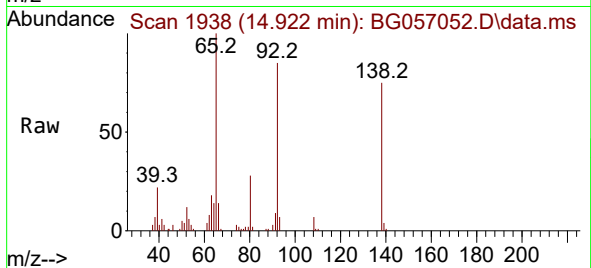




#53
3-Nitroaniline
Concen: 31.251 ng
RT: 14.922 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

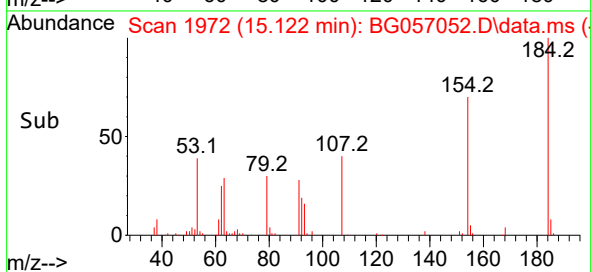
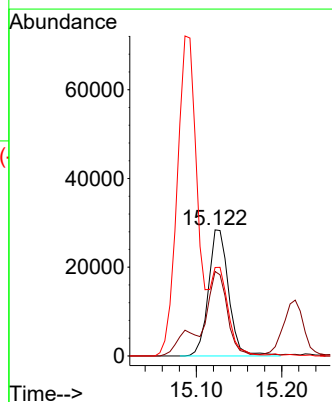
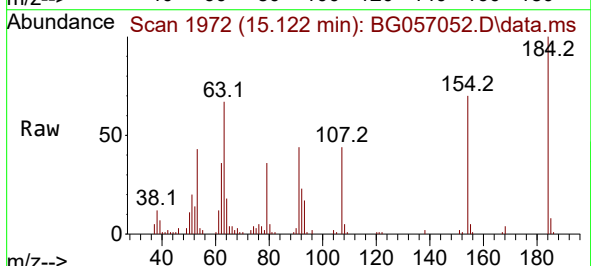
Instrument :
BNA_G
ClientSampleId :
PB152035BS

Tgt Ion:138 Resp: 26119
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.2
92 113.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 98.665 ng
RT: 15.122 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:184 Resp: 46893
Ion Ratio Lower Upper
184 100
63 67.0 46.5 69.7
154 70.1 53.5 80.3

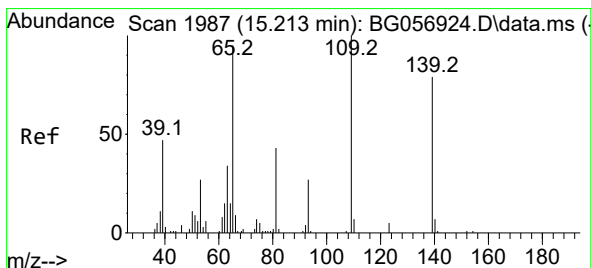
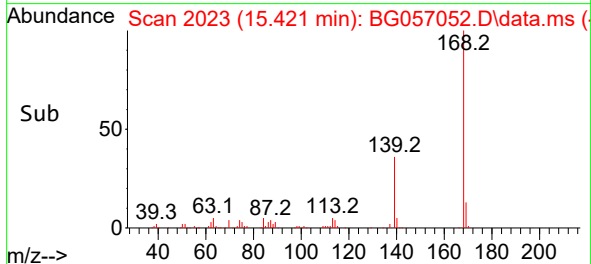
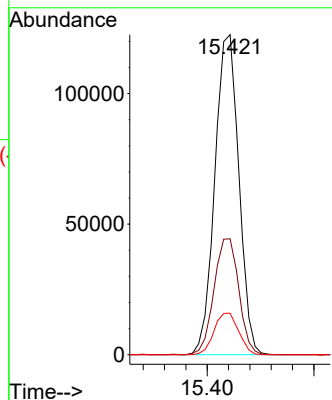
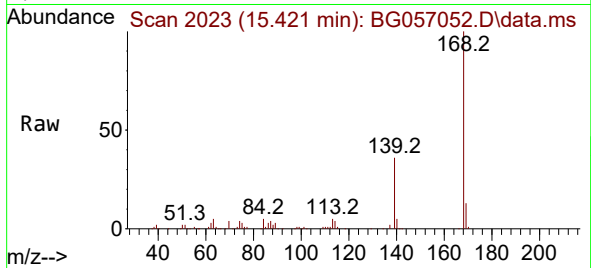




#55
Dibenzenofuran
Concen: 41.901 ng
RT: 15.421 min Scan# 20
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

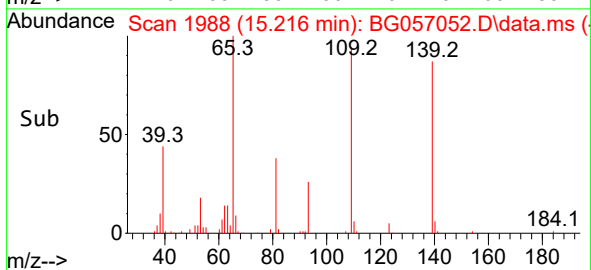
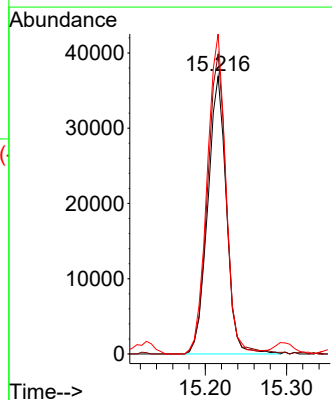
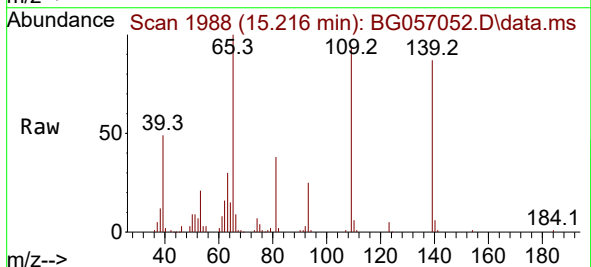
Instrument :
BNA_G
ClientSampleId :
PB152035BS

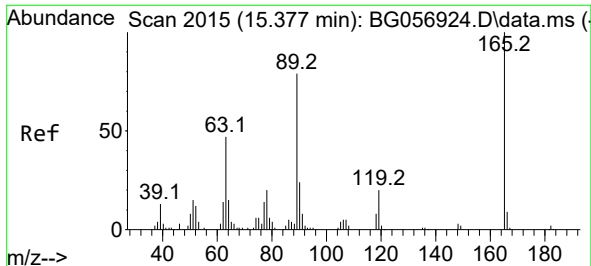
Tgt Ion:168 Resp: 191365
Ion Ratio Lower Upper
168 100
139 36.2 28.9 43.3
169 12.9 9.8 14.6



#56
4-Nitrophenol
Concen: 95.329 ng
RT: 15.216 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:139 Resp: 58917
Ion Ratio Lower Upper
139 100
109 108.0 106.7 146.7
65 115.3 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 44.057 ng

RT: 15.374 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

Tgt Ion:165 Resp: 52469

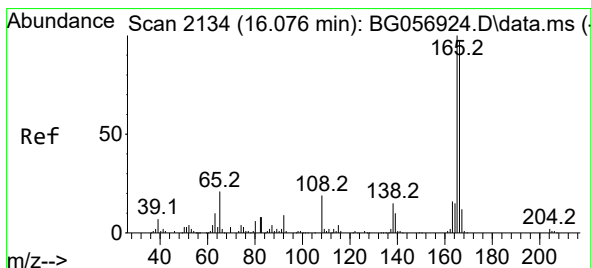
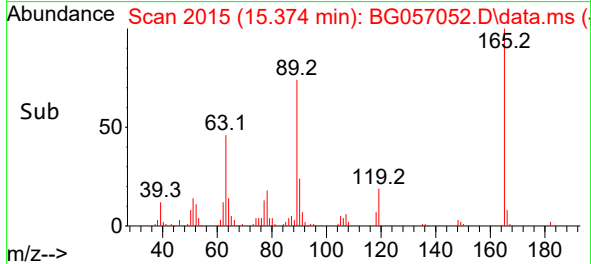
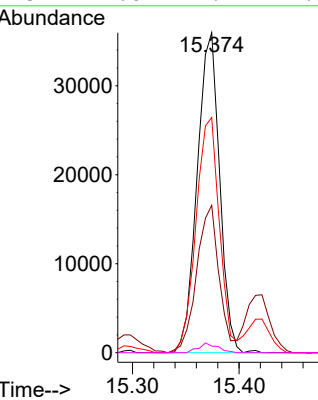
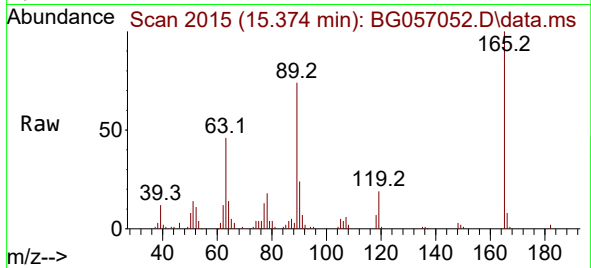
Ion Ratio Lower Upper

165 100

63 46.1 37.7 56.5

89 73.5 63.2 94.8

182 2.0 1.7 2.5



#58

Fluorene

Concen: 42.312 ng

RT: 16.068 min Scan# 2133

Delta R.T. 0.006 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

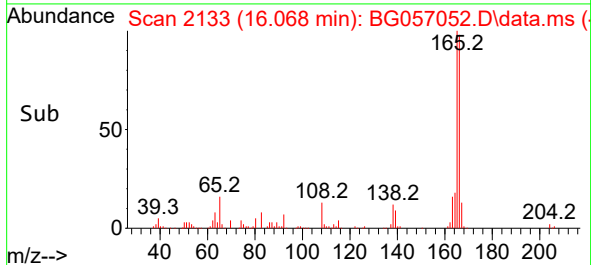
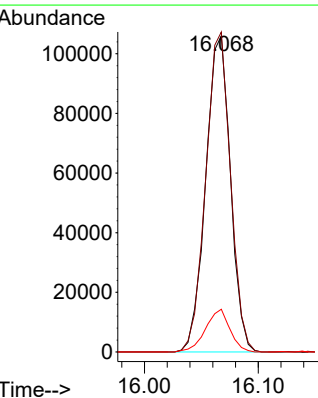
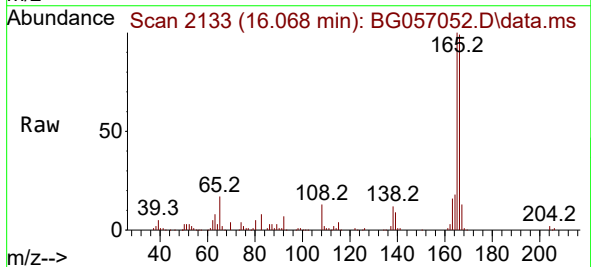
Tgt Ion:166 Resp: 159905

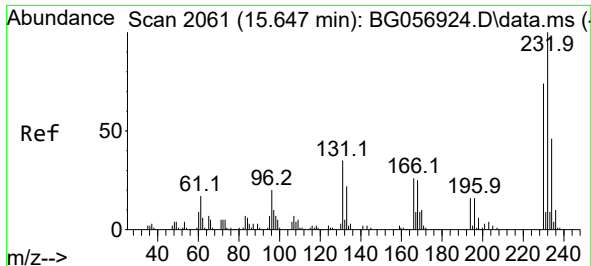
Ion Ratio Lower Upper

166 100

165 101.2 82.6 123.8

167 13.5 10.2 15.2

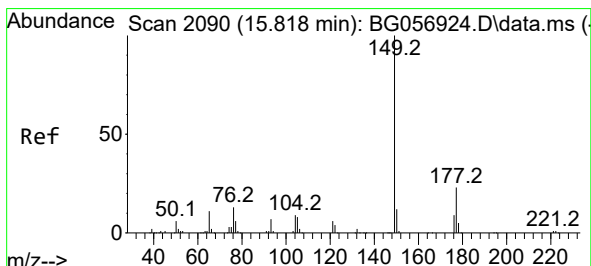
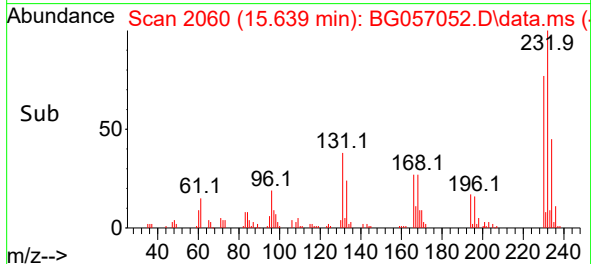
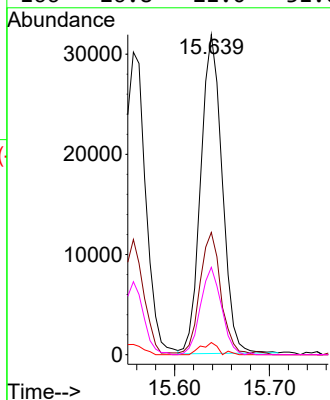
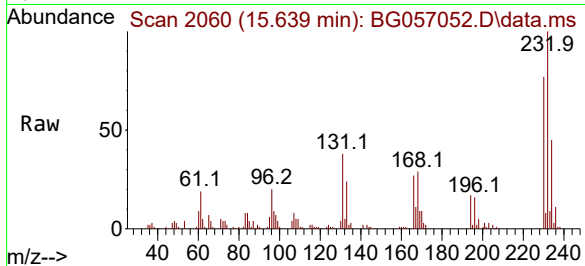




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.247 ng
RT: 15.639 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

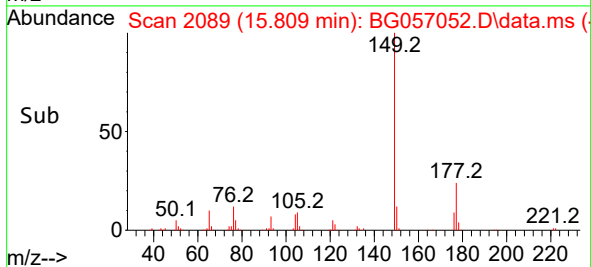
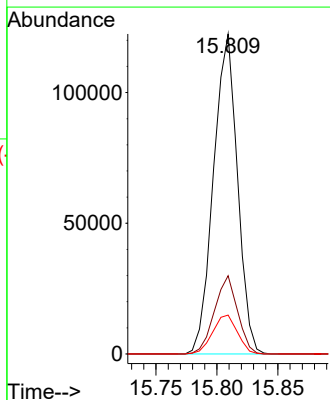
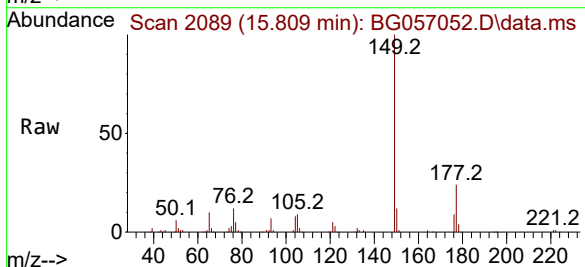
Instrument :
BNA_G
ClientSampleId :
PB152035BS

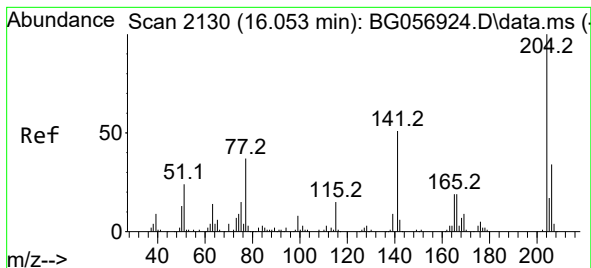
Tgt Ion:232 Resp: 50016
Ion Ratio Lower Upper
232 100
131 36.7 29.3 43.9
130 3.2 1.7 2.5#
166 26.8 21.0 31.6



#60
Diethylphthalate
Concen: 42.755 ng
RT: 15.809 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:149 Resp: 167508
Ion Ratio Lower Upper
149 100
177 24.4 18.8 28.2
150 12.2 9.4 14.2

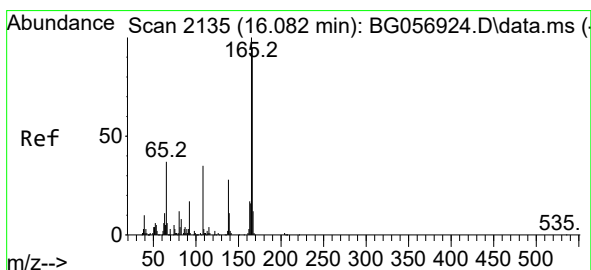
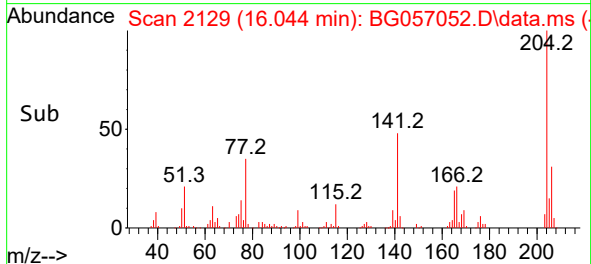
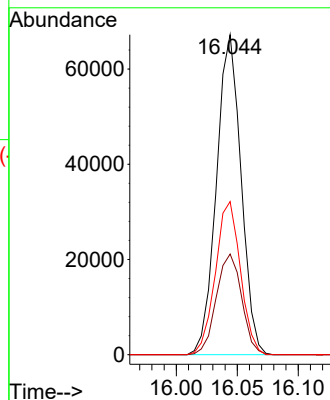
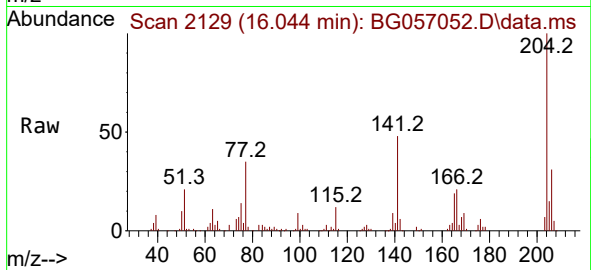




#61
4-Chlorophenyl-phenylether
Concen: 42.480 ng
RT: 16.044 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

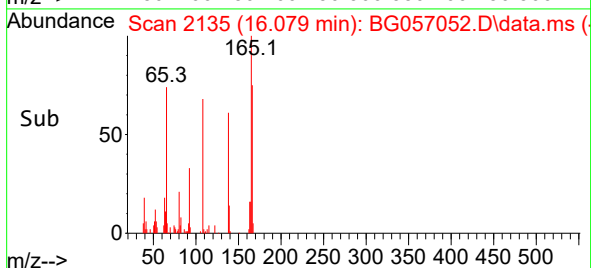
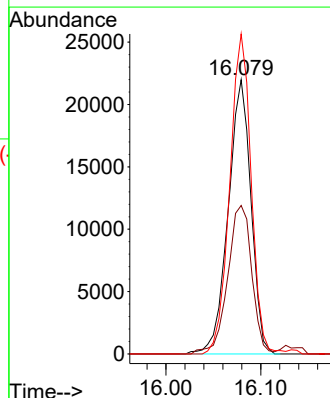
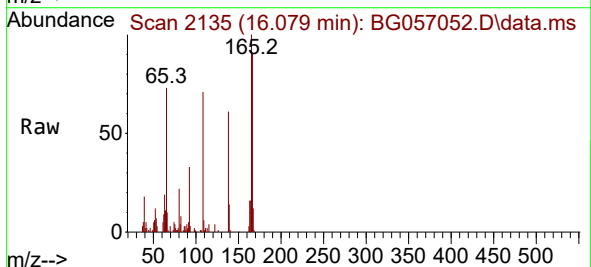
Instrument :
BNA_G
ClientSampleId :
PB152035BS

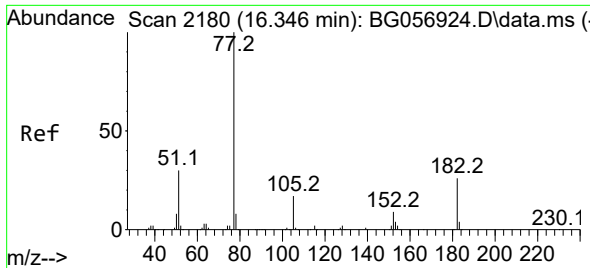
Tgt Ion:204 Resp: 94259
Ion Ratio Lower Upper
204 100
206 31.4 27.2 40.8
141 47.8 40.7 61.1



#62
4-Nitroaniline
Concen: 42.309 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:138 Resp: 36637
Ion Ratio Lower Upper
138 100
92 54.2 40.9 80.9
108 116.7 104.3 144.3

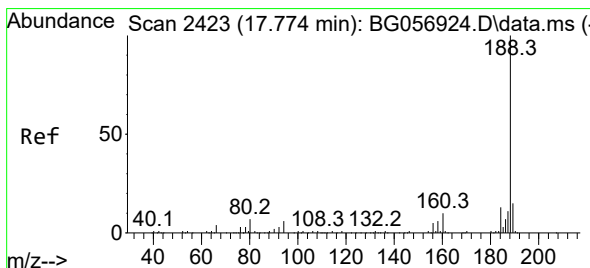
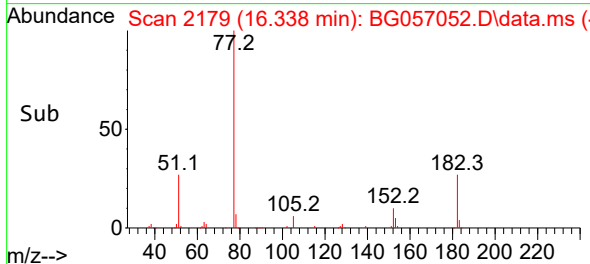
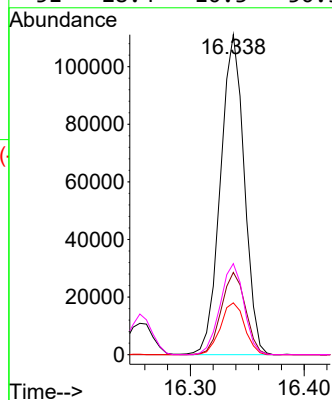
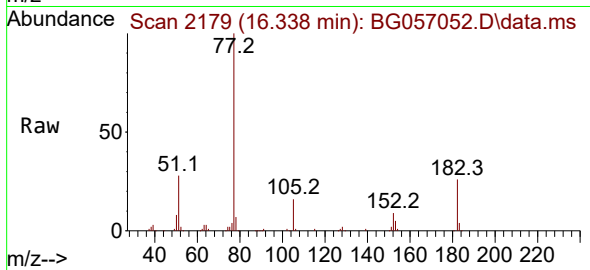




#63
Azobenzene
Concen: 41.284 ng
RT: 16.338 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

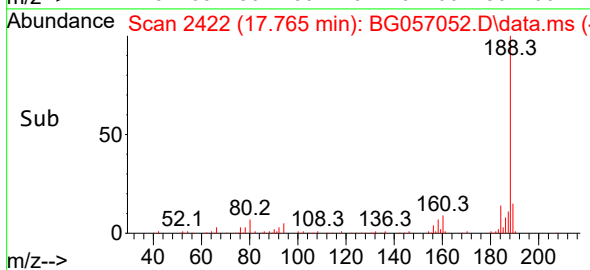
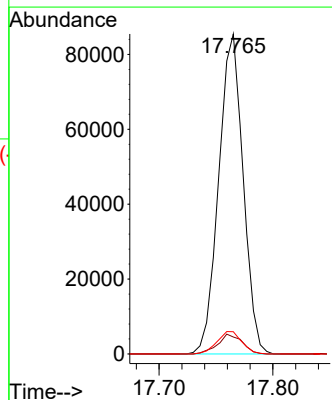
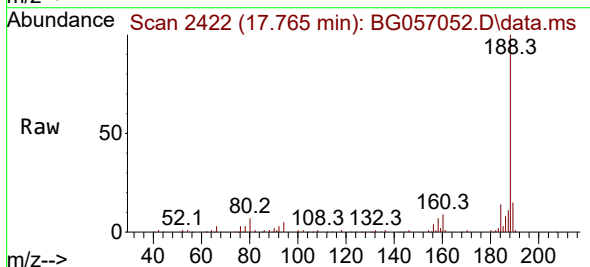
Instrument :
BNA_G
ClientSampleId :
PB152035BS

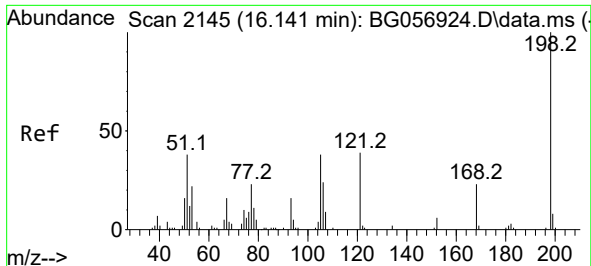
Tgt Ion: 77 Resp: 161195
Ion Ratio Lower Upper
77 100
182 25.7 5.9 45.9
105 16.2 0.0 36.8
51 28.4 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion: 188 Resp: 127368
Ion Ratio Lower Upper
188 100
94 5.3 4.6 6.8
80 6.9 5.5 8.3

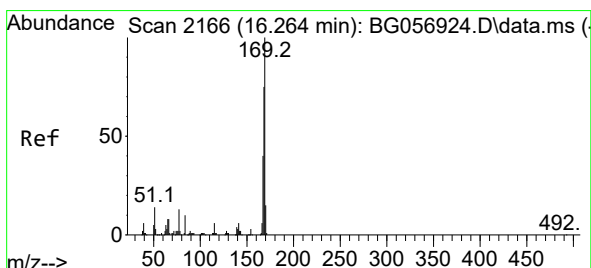
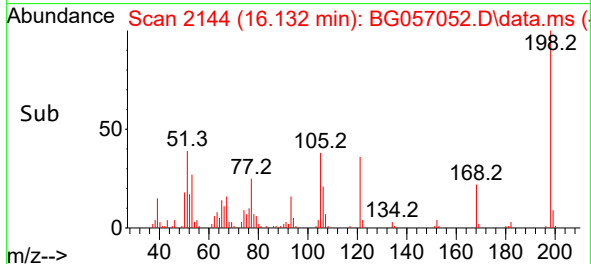
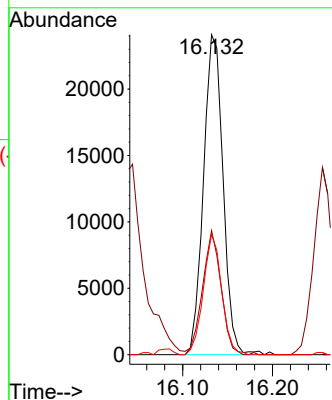
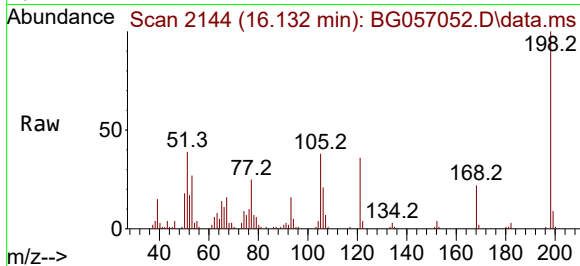




#65
4,6-Dinitro-2-methylphenol
Concen: 47.231 ng
RT: 16.132 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

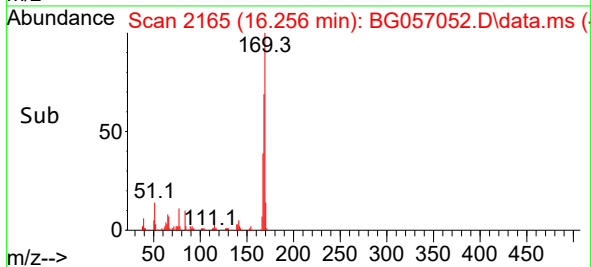
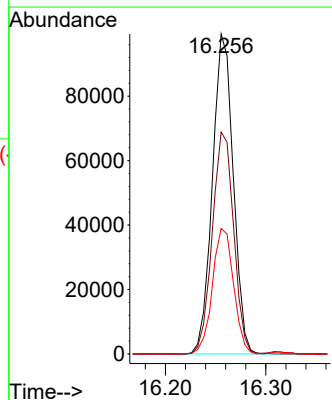
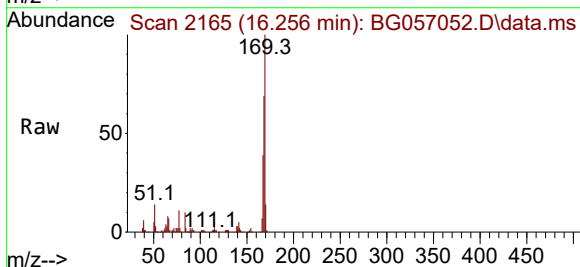
Instrument :
BNA_G
ClientSampleId :
PB152035BS

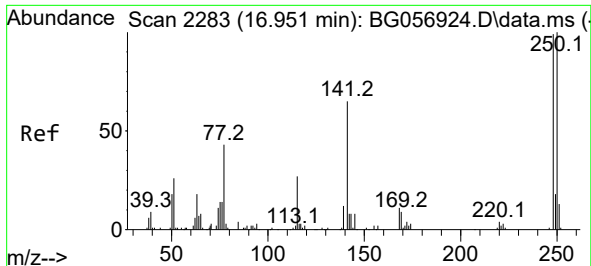
Tgt Ion:198 Resp: 36434
Ion Ratio Lower Upper
198 100
51 38.8 20.5 60.5
105 37.7 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 41.866 ng
RT: 16.256 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:169 Resp: 143144
Ion Ratio Lower Upper
169 100
168 69.4 59.6 89.4
167 39.2 31.8 47.8

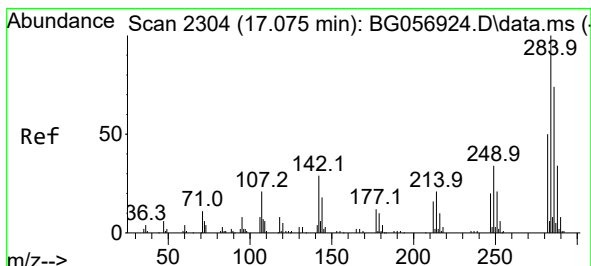
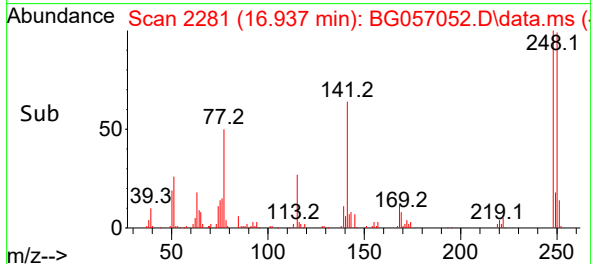
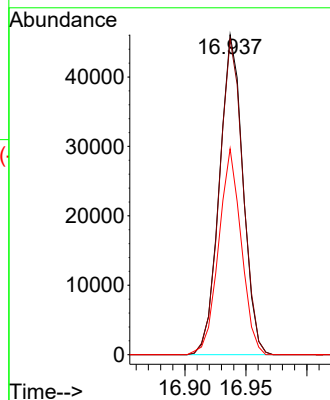
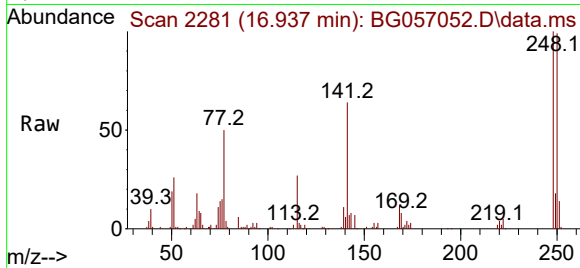




#67
4-Bromophenyl-phenylether
Concen: 39.231 ng
RT: 16.937 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

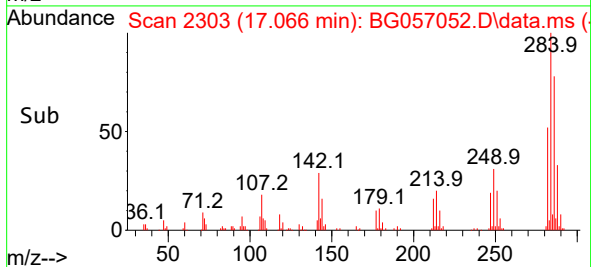
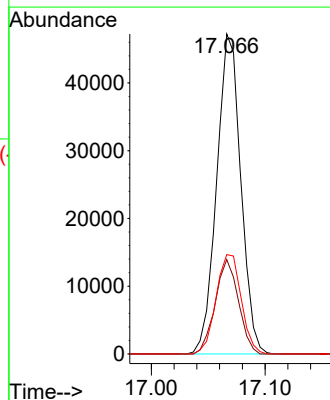
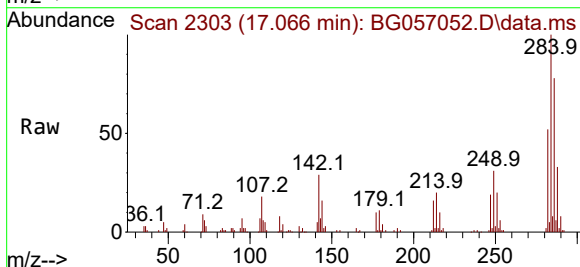
Instrument :
BNA_G
ClientSampleId :
PB152035BS

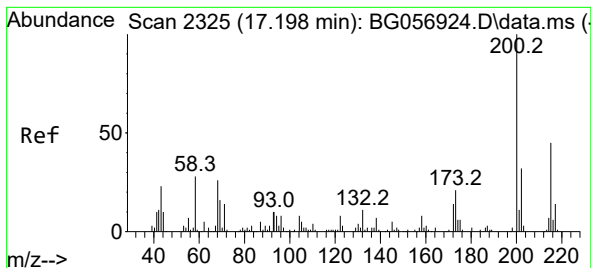
Tgt Ion:248 Resp: 61826
Ion Ratio Lower Upper
248 100
250 98.6 80.5 120.7
141 64.4 52.0 78.0



#68
Hexachlorobenzene
Concen: 44.620 ng
RT: 17.066 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:284 Resp: 69521
Ion Ratio Lower Upper
284 100
142 29.5 23.0 34.4
249 31.1 27.1 40.7





#69

Atrazine

Concen: 43.533 ng

RT: 17.190 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

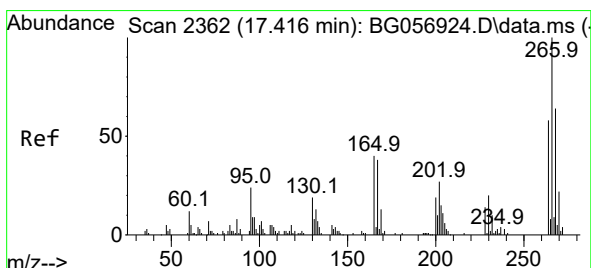
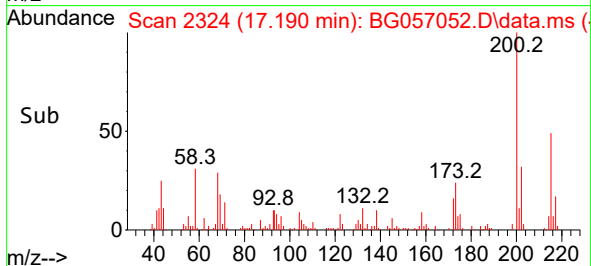
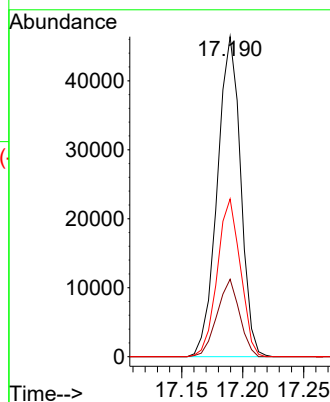
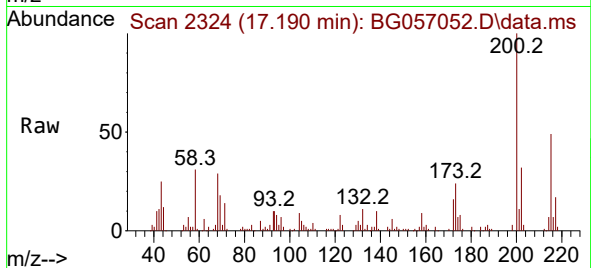
Tgt Ion:200 Resp: 61785

Ion Ratio Lower Upper

200 100

173 24.2 1.0 41.0

215 49.3 25.0 65.0



#70

Pentachlorophenol

Concen: 73.561 ng

RT: 17.407 min Scan# 2361

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

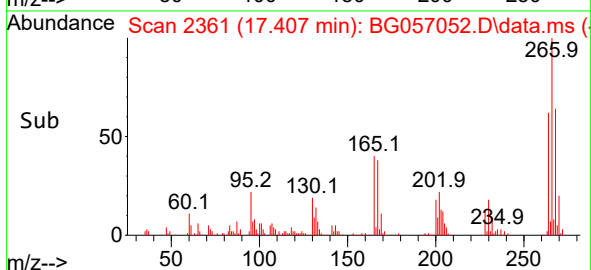
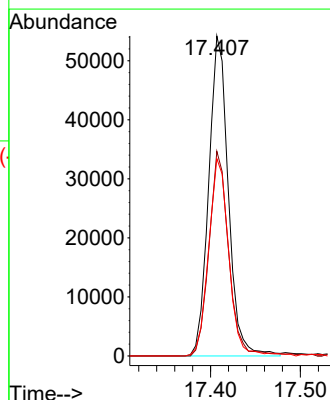
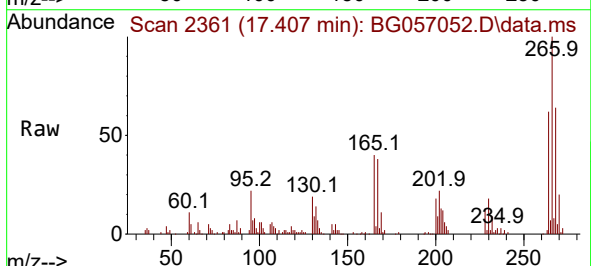
Tgt Ion:266 Resp: 82225

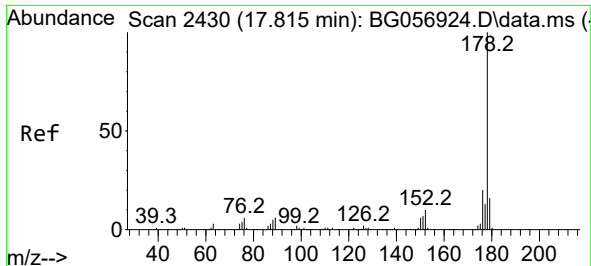
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 61.6 46.8 70.2

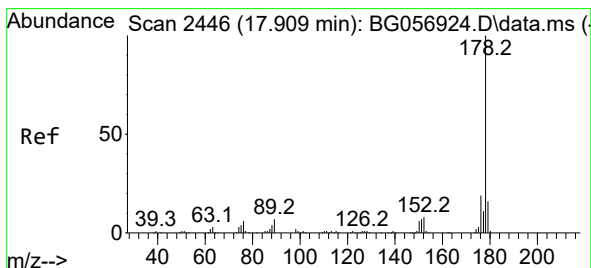
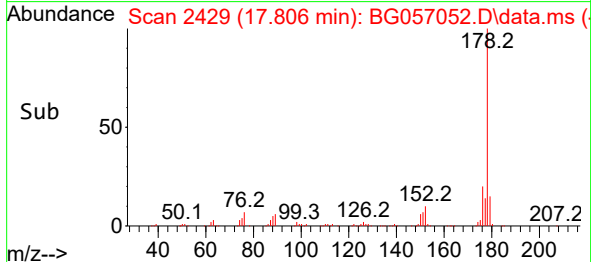
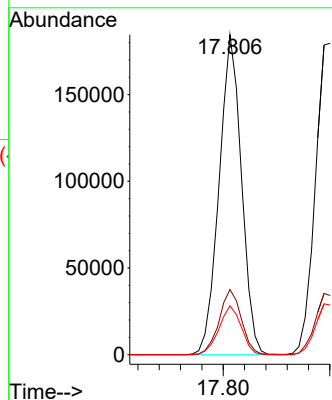
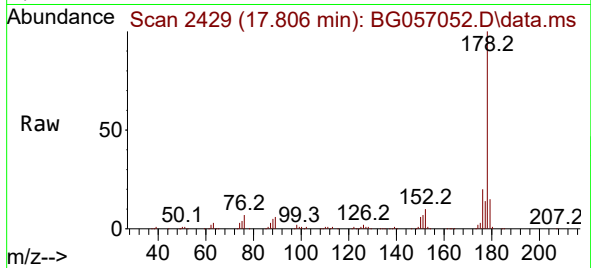




#71
Phenanthrene
Concen: 41.268 ng
RT: 17.806 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

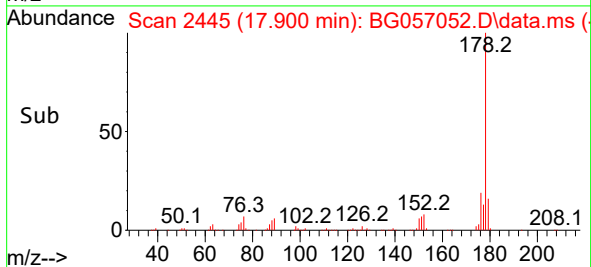
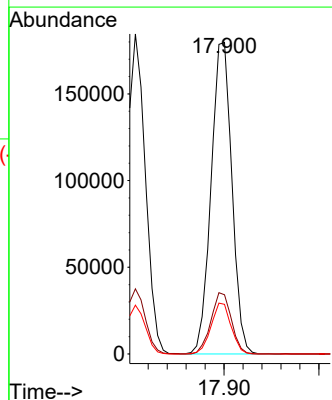
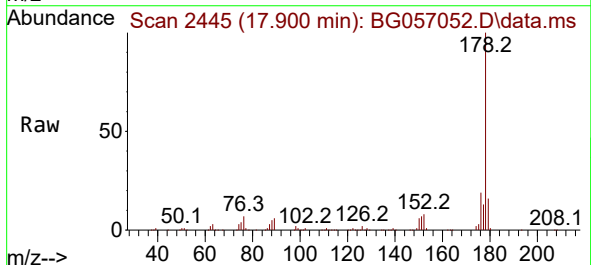
Instrument :
BNA_G
ClientSampleId :
PB152035BS

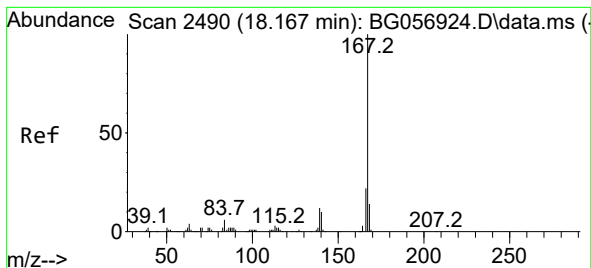
Tgt Ion:178 Resp: 267985
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 15.2 12.5 18.7



#72
Anthracene
Concen: 41.137 ng
RT: 17.900 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:178 Resp: 273851
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.9 12.4 18.6





#73

Carbazole

Concen: 41.681 ng

RT: 18.159 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

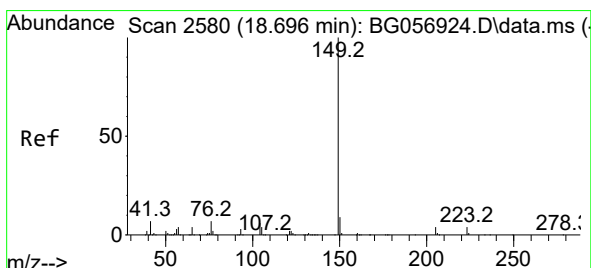
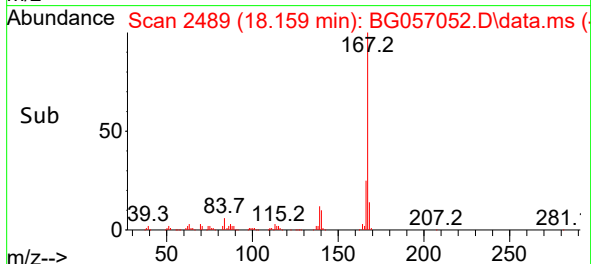
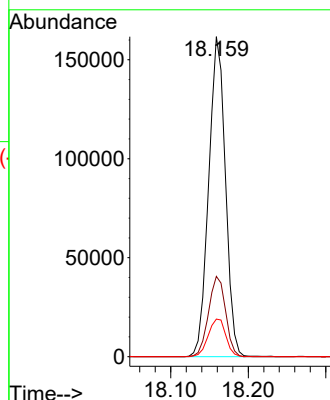
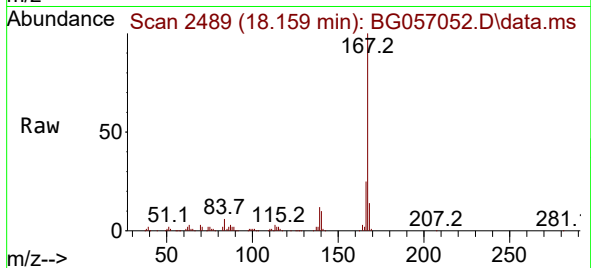
Tgt Ion:167 Resp: 241918

Ion Ratio Lower Upper

167 100

166 25.1 17.9 26.9

139 11.7 9.5 14.3



#74

Di-n-butylphthalate

Concen: 42.673 ng

RT: 18.682 min Scan# 2578

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

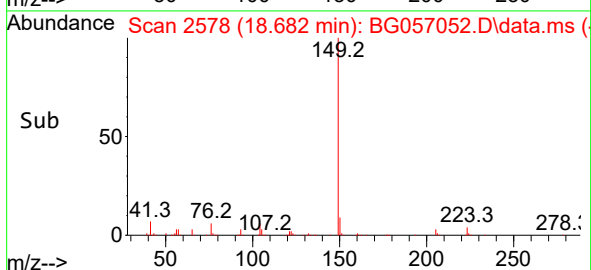
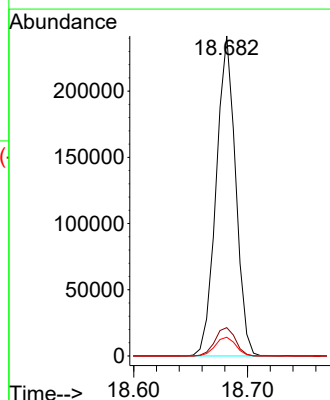
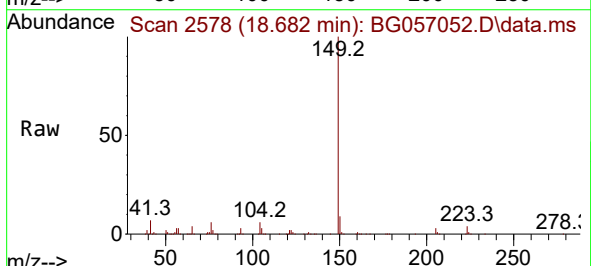
Tgt Ion:149 Resp: 286802

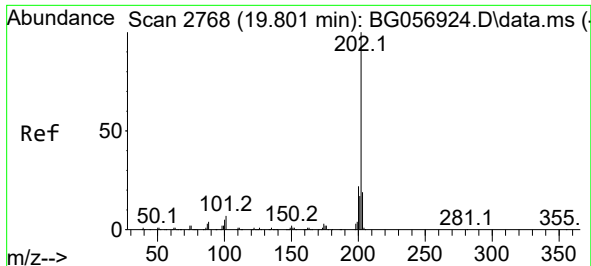
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.9 4.9 7.3

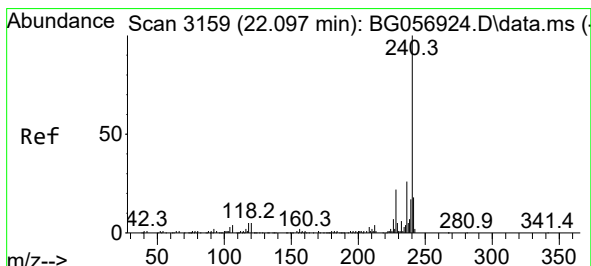
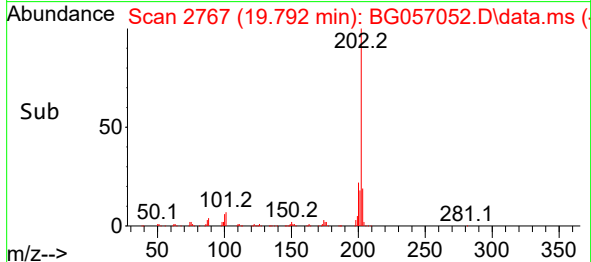
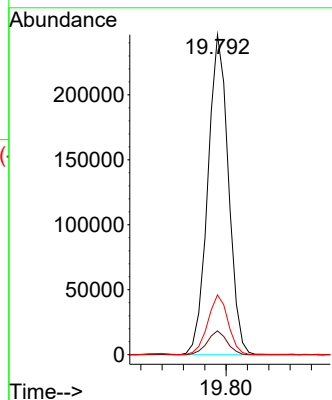
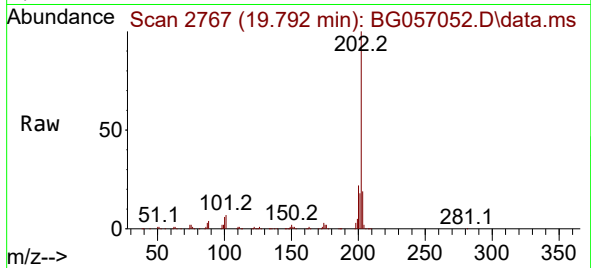




#75
Fluoranthene
Concen: 40.102 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

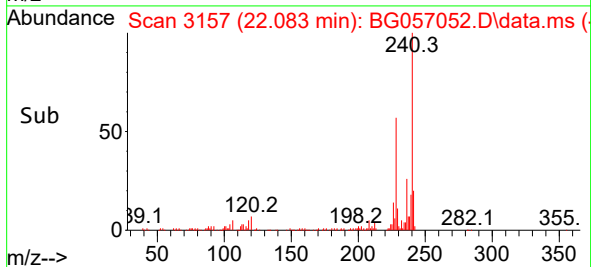
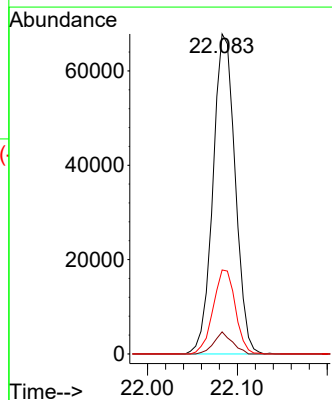
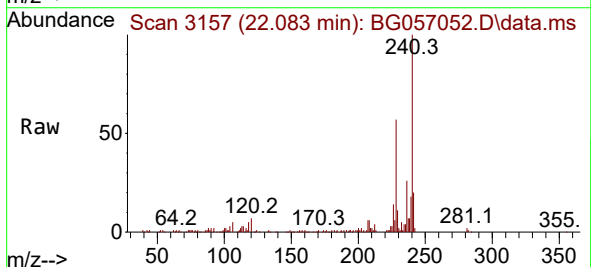
Instrument :
BNA_G
ClientSampleId :
PB152035BS

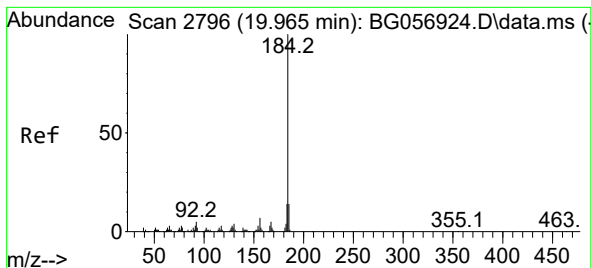
Tgt Ion:202 Resp: 330115
Ion Ratio Lower Upper
202 100
101 7.4 0.0 26.7
203 18.7 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:240 Resp: 116268
Ion Ratio Lower Upper
240 100
120 6.9 3.8 5.6#
236 26.2 21.0 31.6





#77

Benzidine

Concen: 49.570 ng

RT: 19.956 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

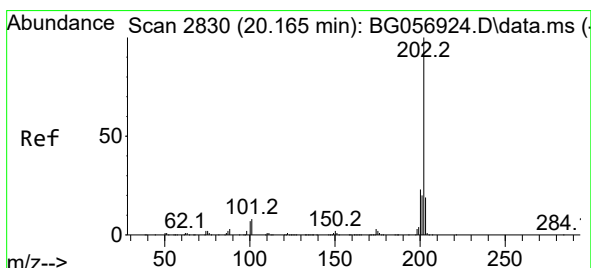
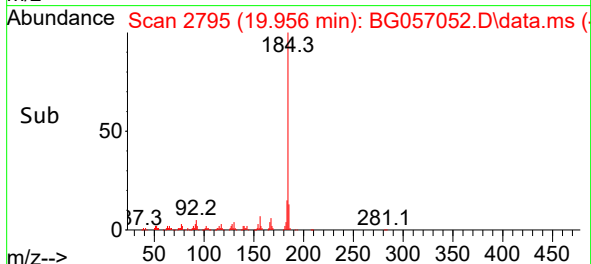
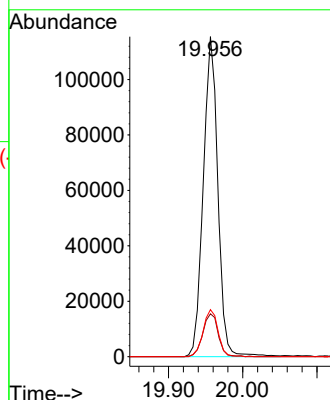
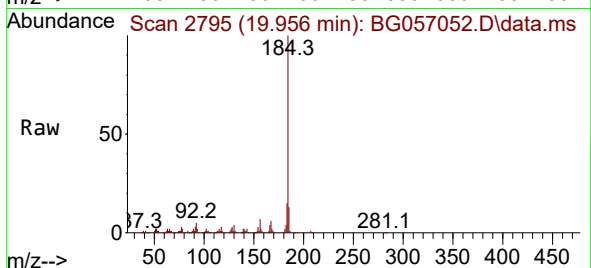
Tgt Ion:184 Resp: 157532

Ion Ratio Lower Upper

184 100

185 13.4 11.0 16.4

183 14.7 11.4 17.0



#78

Pyrene

Concen: 41.566 ng

RT: 20.156 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

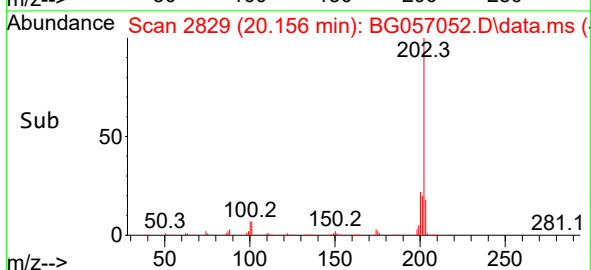
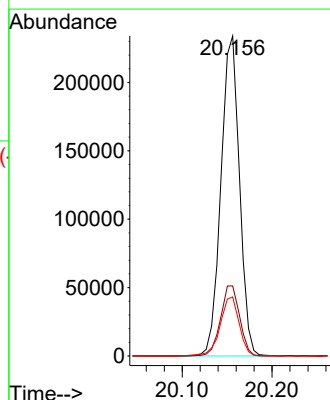
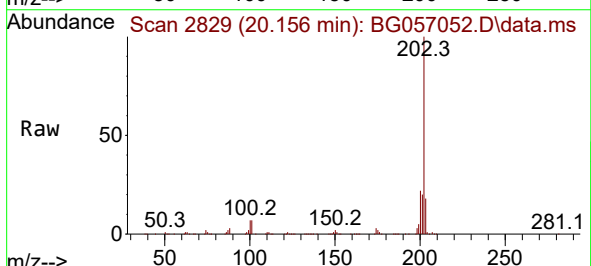
Tgt Ion:202 Resp: 334260

Ion Ratio Lower Upper

202 100

200 21.9 18.7 28.1

203 18.4 15.4 23.2

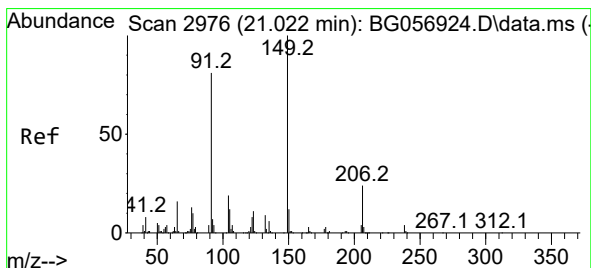
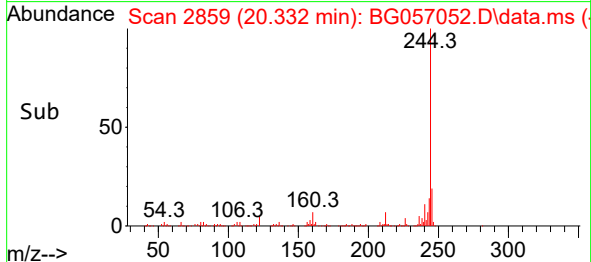
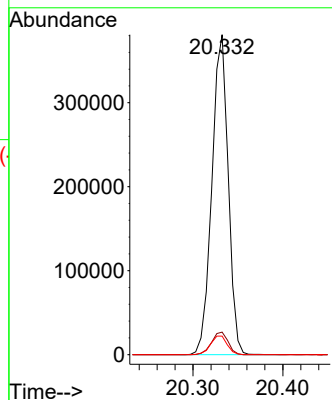
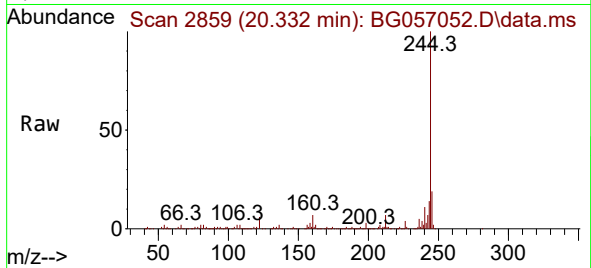




#79
 Terphenyl-d14
 Concen: 69.742 ng
 RT: 20.332 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

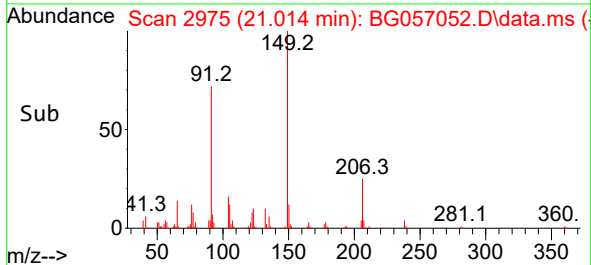
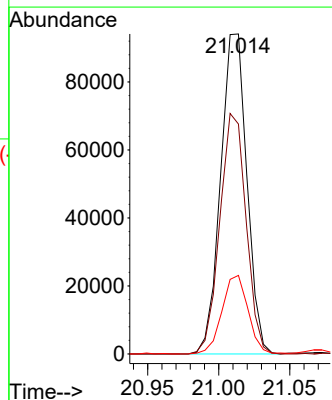
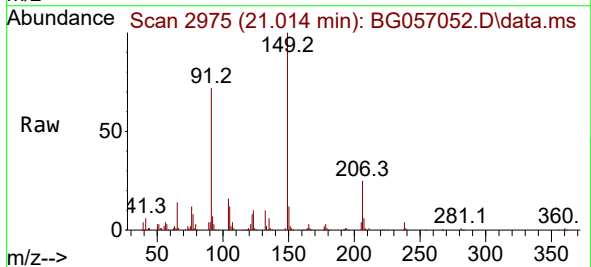
Instrument :
 BNA_G
 ClientSampleId :
 PB152035BS

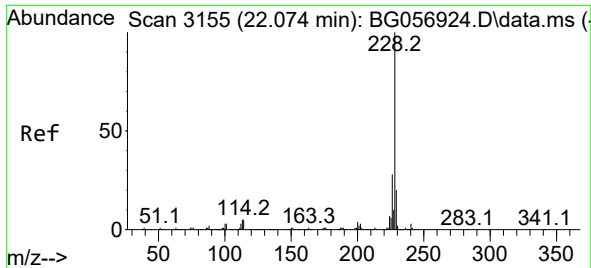
Tgt Ion:244 Resp: 479197
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.8 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 43.772 ng
 RT: 21.014 min Scan# 2975
 Delta R.T. 0.006 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

Tgt Ion:149 Resp: 121131
 Ion Ratio Lower Upper
 149 100
 91 71.8 64.4 96.6
 206 24.5 18.9 28.3

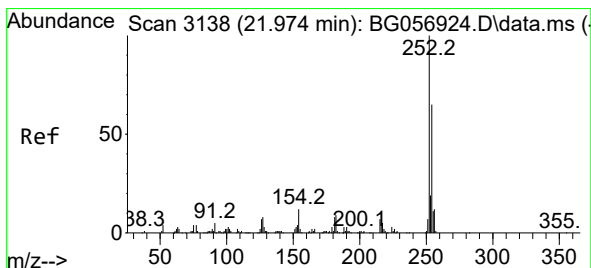
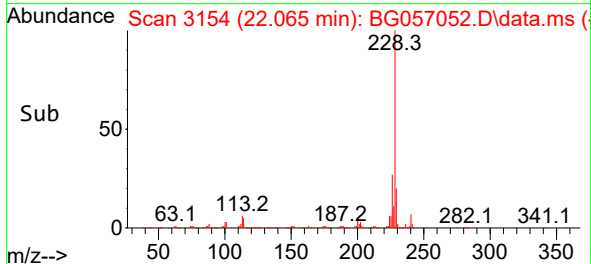
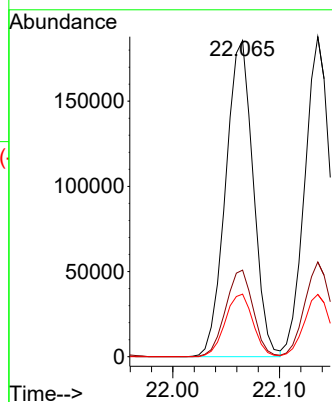
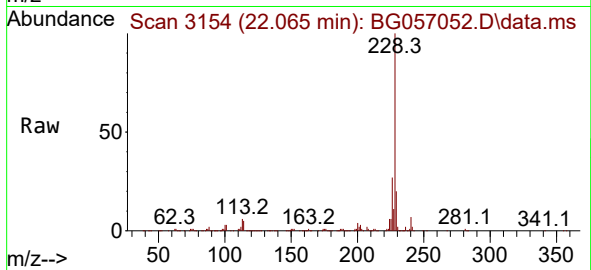




#81
Benzo(a)anthracene
Concen: 41.454 ng
RT: 22.065 min Scan# 3155
Delta R.T. 0.006 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

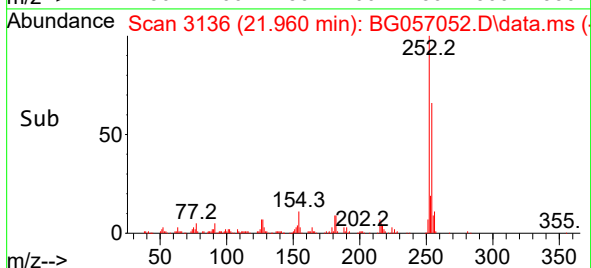
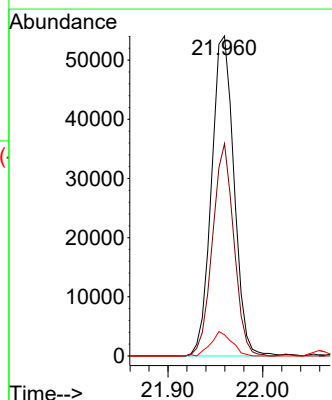
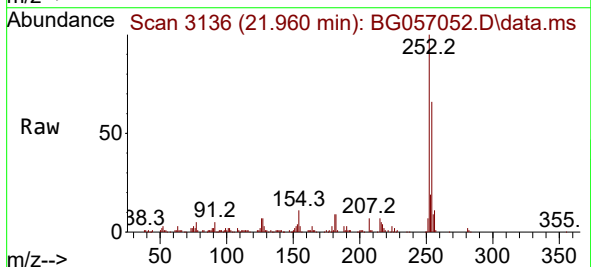
Instrument :
BNA_G
ClientSampleId :
PB152035BS

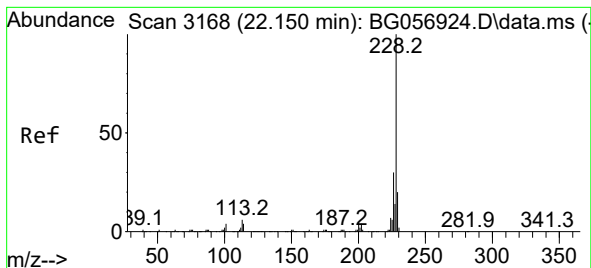
Tgt Ion:228 Resp: 333530
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 32.853 ng
RT: 21.960 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:252 Resp: 89257
Ion Ratio Lower Upper
252 100
254 66.4 51.7 77.5
126 6.6 5.6 8.4





#83

Chrysene

Concen: 41.303 ng

RT: 22.136 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

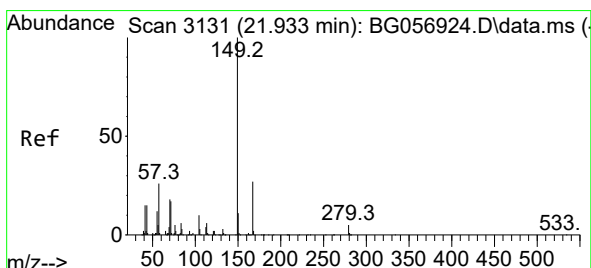
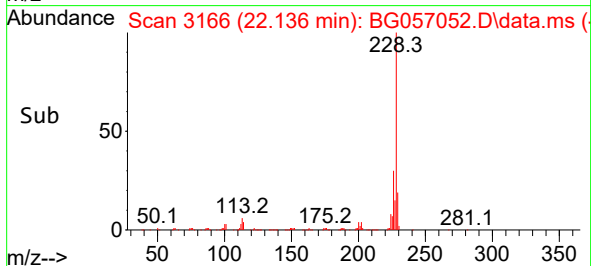
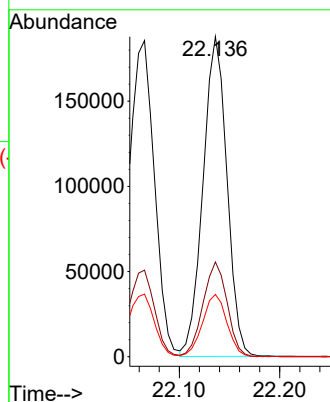
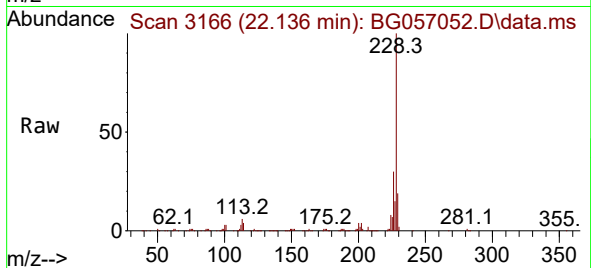
Tgt Ion:228 Resp: 311147

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.390 ng

RT: 21.913 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

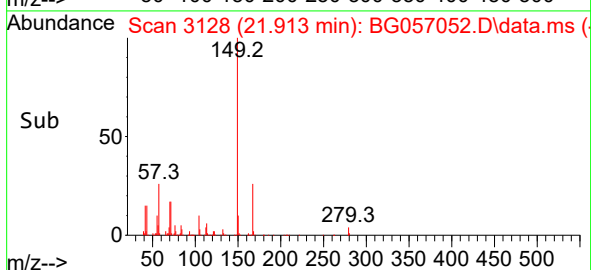
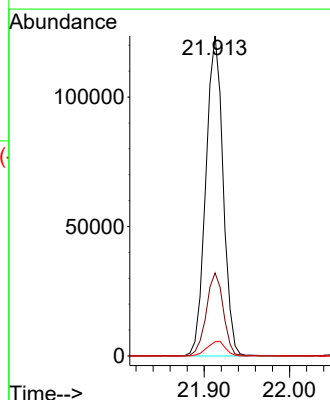
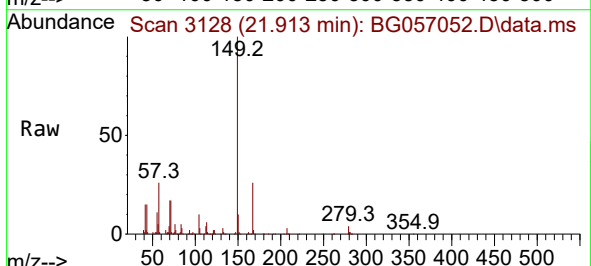
Tgt Ion:149 Resp: 173870

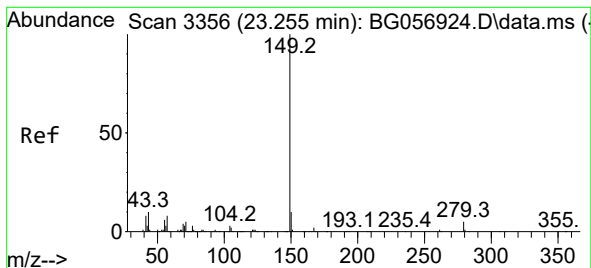
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.2

279 4.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.206 ng

RT: 23.228 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

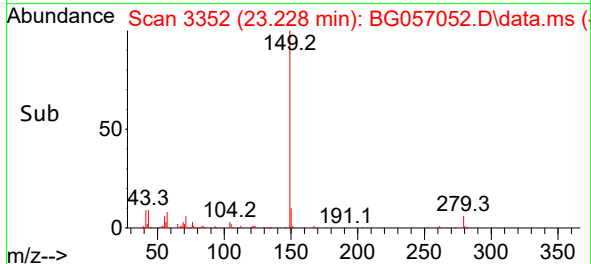
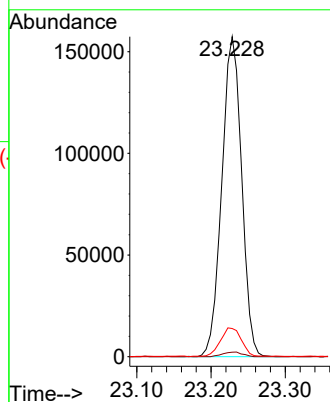
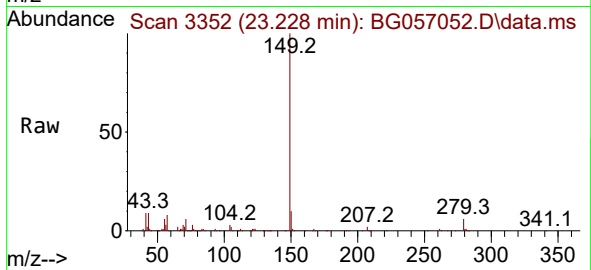
Tgt Ion:149 Resp: 291758

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.625 min Scan# 3760

Delta R.T. -0.006 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

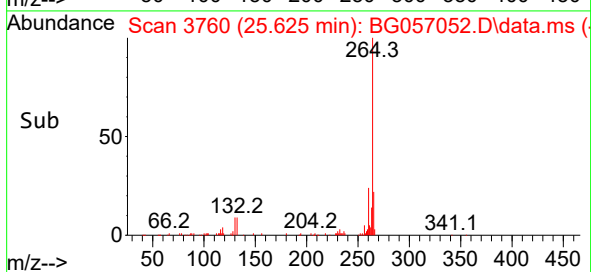
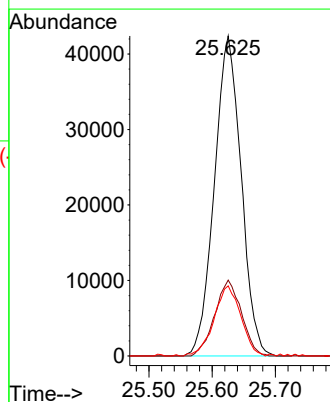
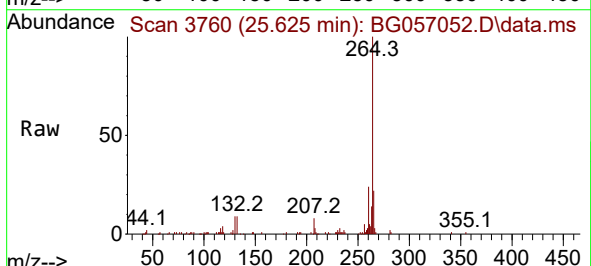
Tgt Ion:264 Resp: 124834

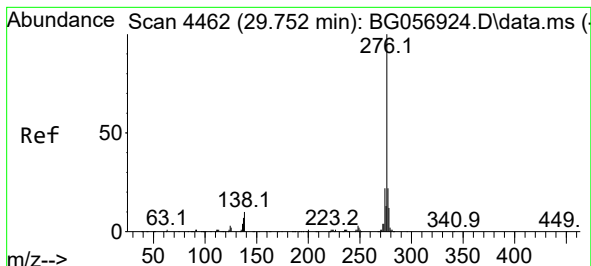
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.315 ng

RT: 29.720 min Scan# 4462

Delta R.T. -0.006 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

Instrument :

BNA_G

ClientSampleId :

PB152035BS

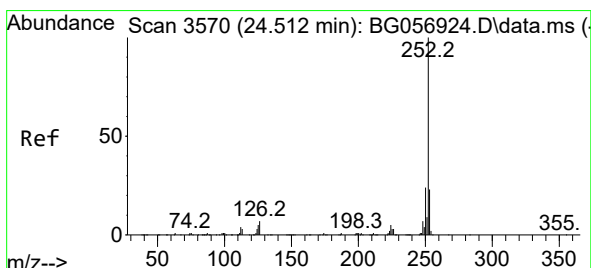
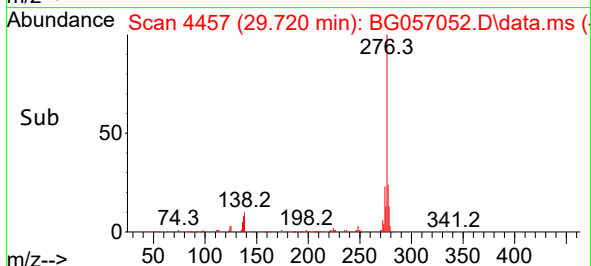
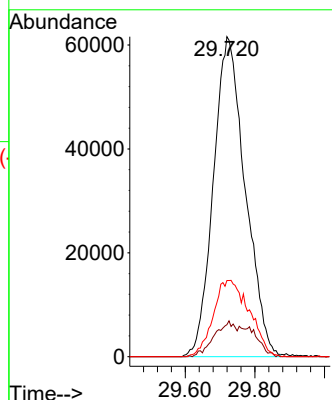
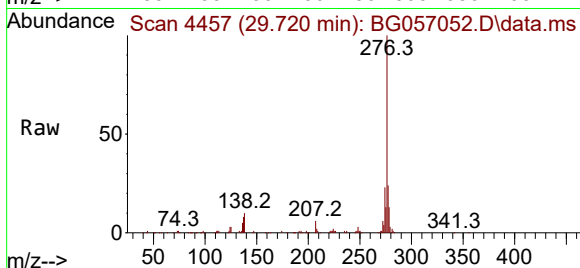
Tgt Ion:276 Resp: 390388

Ion Ratio Lower Upper

276 100

138 7.5 7.7 11.5#

277 27.1 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 43.835 ng

RT: 24.491 min Scan# 3567

Delta R.T. -0.000 min

Lab File: BG057052.D

Acq: 11 Apr 2023 13:34

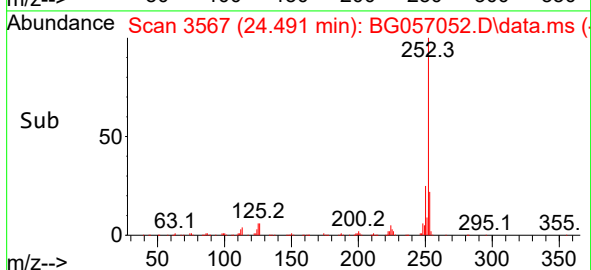
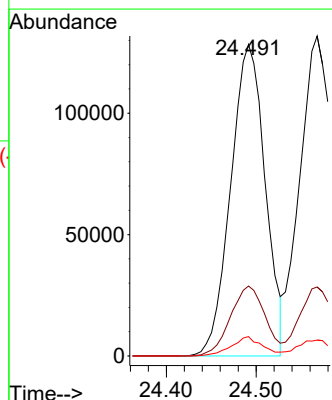
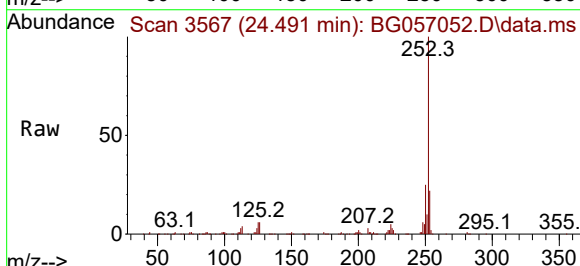
Tgt Ion:252 Resp: 342185

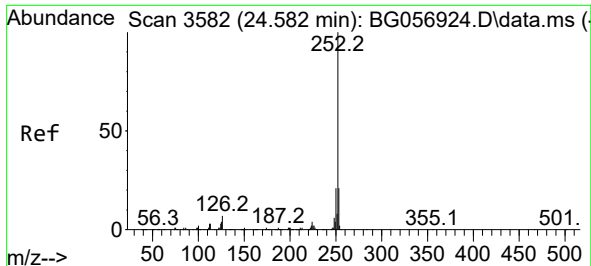
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 6.2 4.2 6.4

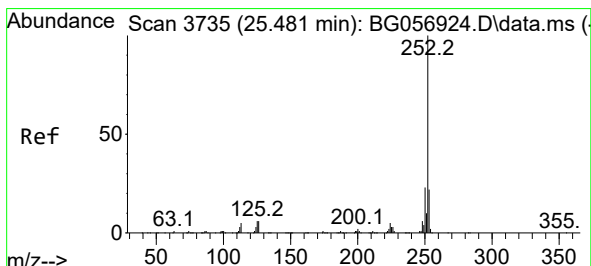
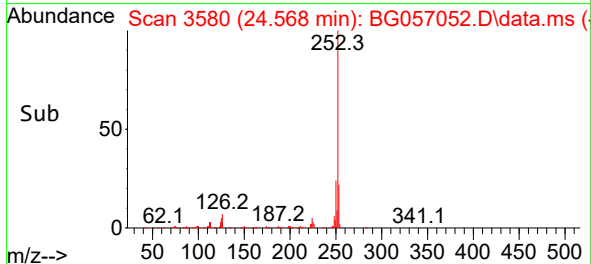
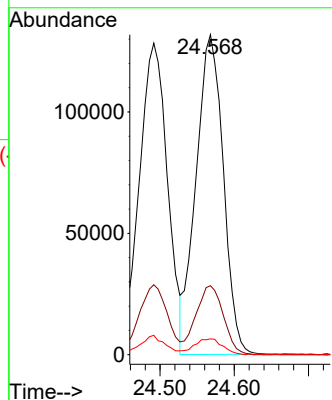
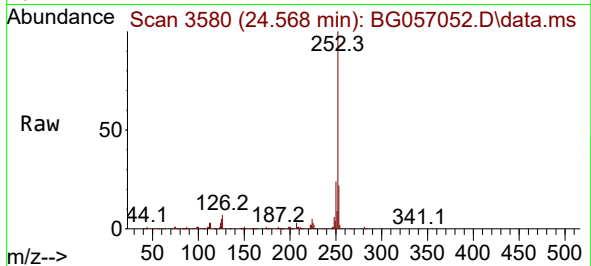




#89
Benzo(k)fluoranthene
Concen: 43.161 ng
RT: 24.568 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

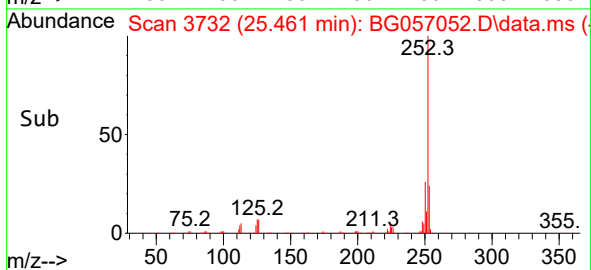
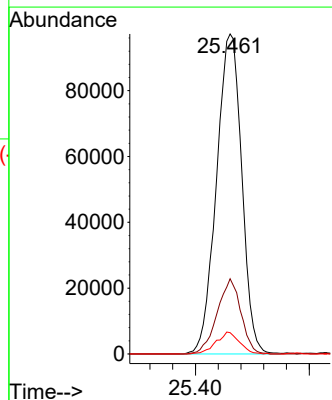
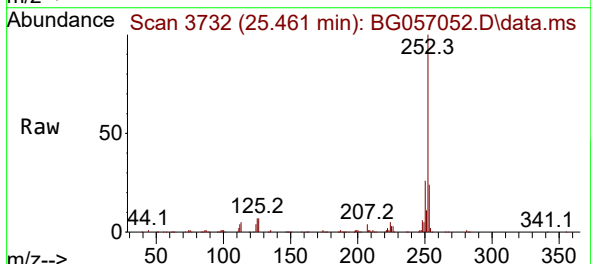
Instrument :
BNA_G
ClientSampleId :
PB152035BS

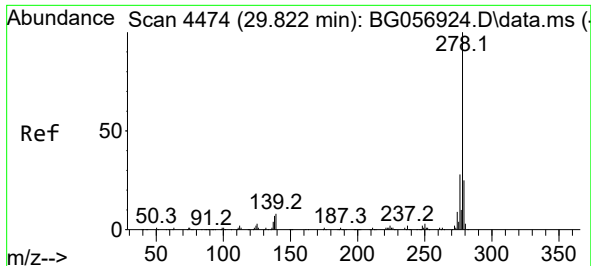
Tgt Ion:252 Resp: 336366
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.0 3.8 5.6



#90
Benzo(a)pyrene
Concen: 39.086 ng
RT: 25.461 min Scan# 3732
Delta R.T. -0.000 min
Lab File: BG057052.D
Acq: 11 Apr 2023 13:34

Tgt Ion:252 Resp: 299827
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 6.6 4.5 6.7

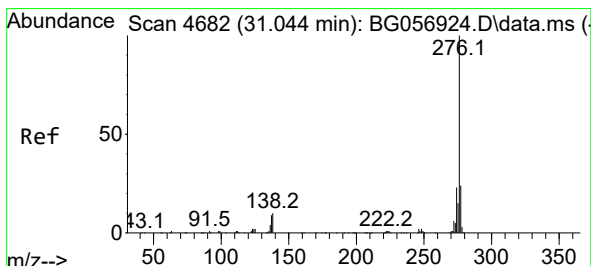
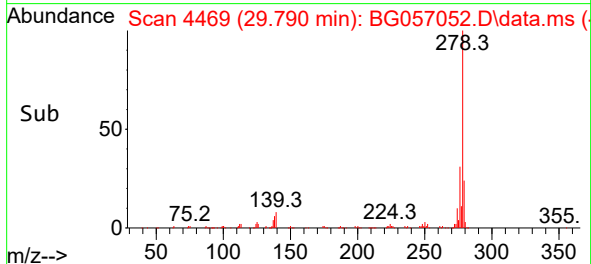
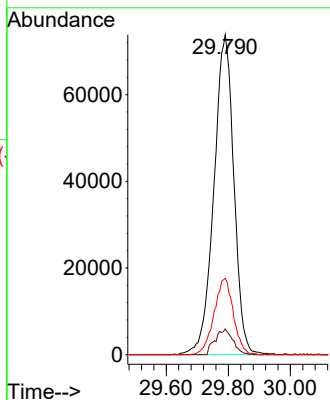
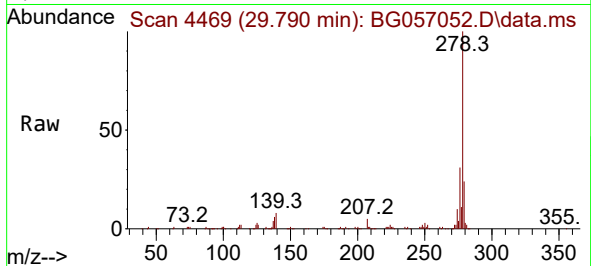




#91
 Dibenzo(a,h)anthracene
 Concen: 43.525 ng
 RT: 29.790 min Scan# 4474
 Delta R.T. 0.006 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

Instrument :
 BNA_G
 ClientSampleId :
 PB152035BS

Tgt Ion:278 Resp: 330069
 Ion Ratio Lower Upper
 278 100
 139 8.0 6.4 9.6
 279 23.9 20.2 30.2



#92
 Benzo(g,h,i)perylene
 Concen: 41.906 ng
 RT: 31.012 min Scan# 4677
 Delta R.T. -0.006 min
 Lab File: BG057052.D
 Acq: 11 Apr 2023 13:34

Tgt Ion:276 Resp: 311184
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.1 28.7
 138 10.0 8.2 12.2

