

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057601.D
 Acq On : 27 May 2023 2:44
 Operator : CG/JU
 Sample : PB153078BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153078BSD

Quant Time: May 27 04:48:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	16243	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	70368	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	58367	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	166817	20.000	ng	0.00
76) Chrysene-d12	22.018	240	151527	20.000	ng	0.00
86) Perylene-d12	25.520	264	163408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	148338	158.658	ng	0.00
7) Phenol-d6	7.497	99	222078	151.777	ng	0.00
23) Nitrobenzene-d5	9.529	82	134897	89.613	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	128531	137.544	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	356187	87.701	ng	0.00
79) Terphenyl-d14	20.280	244	830517	94.943	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	13713	35.400	ng	# 94
3) Pyridine	4.078	79	39555	33.400	ng	95
4) n-Nitrosodimethylamine	3.984	42	21188	44.218	ng	92
6) Aniline	7.656	93	68672	38.796	ng	99
8) 2-Chlorophenol	7.908	128	53375	53.176	ng	95
9) Benzaldehyde	7.473	77	33499	34.556	ng	97
10) Phenol	7.520	94	75952	54.844	ng	99
11) bis(2-Chloroethyl)ether	7.744	93	48790	47.182	ng	98
12) 1,3-Dichlorobenzene	8.237	146	53149	49.702	ng	97
13) 1,4-Dichlorobenzene	8.384	146	53987	49.624	ng	98
14) 1,2-Dichlorobenzene	8.707	146	53015	49.960	ng	97
15) Benzyl Alcohol	8.584	79	58000	51.530	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.866	45	60430	47.063	ng	96
17) 2-Methylphenol	8.789	107	52018	51.149	ng	95
18) Hexachloroethane	9.441	117	18671	50.121	ng	89
19) n-Nitroso-di-n-propyla...	9.148	70	46608	45.850	ng	99
20) 3+4-Methylphenols	9.118	107	71928	50.382	ng	97
22) Acetophenone	9.177	105	86447	45.943	ng	# 97
24) Nitrobenzene	9.571	77	68422	44.778	ng	98
25) Isophorone	10.088	82	133465	45.108	ng	100
26) 2-Nitrophenol	10.293	139	31676	48.349	ng	98
27) 2,4-Dimethylphenol	10.334	122	58972	52.063	ng	97
28) bis(2-Chloroethoxy)met...	10.563	93	71879	46.850	ng	99
29) 2,4-Dichlorophenol	10.834	162	62243	52.319	ng	98
30) 1,2,4-Trichlorobenzene	11.045	180	60864	46.942	ng	99
31) Naphthalene	11.239	128	170130	45.704	ng	98
32) Benzoic acid	10.493	122	30011	45.799	ng	94
33) 4-Chloroaniline	11.345	127	47488	27.741	ng	96
34) Hexachlorobutadiene	11.503	225	40410	45.060	ng	96
35) Caprolactam	12.114	113	14003	28.393	ng	# 88
36) 4-Chloro-3-methylphenol	12.443	107	73621	52.281	ng	98
37) 2-Methylnaphthalene	12.819	142	129289	44.254	ng	97
38) 1-Methylnaphthalene	13.031	142	123730	44.380	ng	99
40) 1,2,4,5-Tetrachloroben...	13.177	216	85910	44.843	ng	99
41) Hexachlorocyclopentadiene	13.148	237	54655	98.284	ng	99
43) 2,4,6-Trichlorophenol	13.418	196	59018	48.933	ng	97

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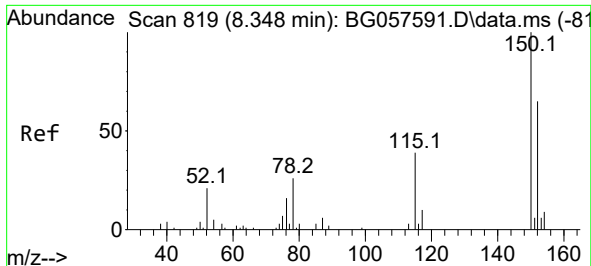
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	65238	45.415	ng	94
46) 1,1'-Biphenyl	13.800	154	190852	45.751	ng	99
47) 2-Chloronaphthalene	13.859	162	146773	46.711	ng	99
48) 2-Nitroaniline	14.059	65	52920	48.081	ng	97
49) Acenaphthylene	14.693	152	243390	45.744	ng	99
50) Dimethylphthalate	14.405	163	219890	45.710	ng	98
51) 2,6-Dinitrotoluene	14.534	165	50946	49.474	ng	95
52) Acenaphthene	15.028	154	149729	45.989	ng	98
53) 3-Nitroaniline	14.875	138	31872	29.674	ng	93
54) 2,4-Dinitrophenol	15.092	184	61300	96.991	ng	95
55) Dibenzofuran	15.363	168	252943	45.468	ng	99
56) 4-Nitrophenol	15.187	139	74788	104.507	ng	97
57) 2,4-Dinitrotoluene	15.327	165	75283	48.827	ng	# 93
58) Fluorene	16.009	166	216804	46.157	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.592	232	66150	49.155	ng	95
60) Diethylphthalate	15.750	149	232516	46.309	ng	100
61) 4-Chlorophenyl-phenyle...	15.985	204	121353	46.358	ng	99
62) 4-Nitroaniline	16.032	138	52578	45.380	ng	94
63) Azobenzene	16.279	77	207061	46.371	ng	98
65) 4,6-Dinitro-2-methylph...	16.097	198	49955	49.182	ng	94
66) n-Nitrosodiphenylamine	16.203	169	196054	45.217	ng	99
67) 4-Bromophenyl-phenylether	16.878	248	85196	45.529	ng	99
68) Hexachlorobenzene	17.013	284	92017	47.705	ng	99
69) Atrazine	17.137	200	93738	50.356	ng	100
70) Pentachlorophenol	17.360	266	87887	89.422	ng	98
71) Phenanthrene	17.754	178	391040	45.807	ng	99
72) Anthracene	17.842	178	395181	45.125	ng	98
73) Carbazole	18.112	167	361265	46.113	ng	100
74) Di-n-butylphthalate	18.623	149	412844	44.390	ng	100
75) Fluoranthene	19.739	202	494700	44.639	ng	99
77) Benzidine	19.910	184	258195	56.310	ng	99
78) Pyrene	20.103	202	498919	46.243	ng	99
80) Butylbenzylphthalate	20.949	149	181767	46.259	ng	99
81) Benzo(a)anthracene	21.995	228	490657	46.674	ng	98
82) 3,3'-Dichlorobenzidine	21.895	252	128548	33.160	ng	100
83) Chrysene	22.071	228	444773	44.771	ng	99
84) Bis(2-ethylhexyl)phtha...	21.836	149	255372	45.562	ng	100
85) Di-n-octyl phthalate	23.129	149	433652	46.677	ng	100
87) Indeno(1,2,3-cd)pyrene	29.591	276	546908	48.004	ng	100
88) Benzo(b)fluoranthene	24.403	252	492931	49.008	ng	98
89) Benzo(k)fluoranthene	24.474	252	487693	48.044	ng	98
90) Benzo(a)pyrene	25.355	252	435361	44.384	ng	100
91) Dibenzo(a,h)anthracene	29.632	278	454639	47.949	ng	99
92) Benzo(g,h,i)perylene	30.859	276	441220	47.714	ng	100

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

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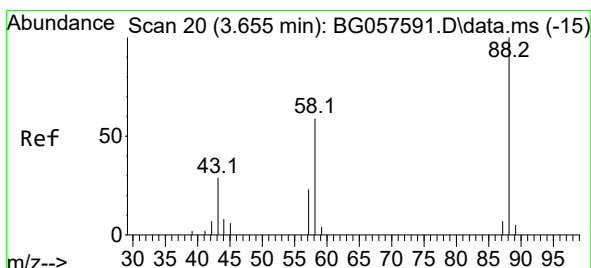
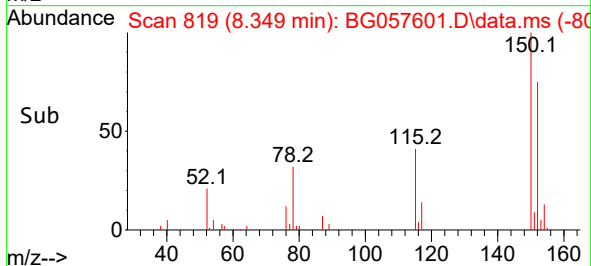
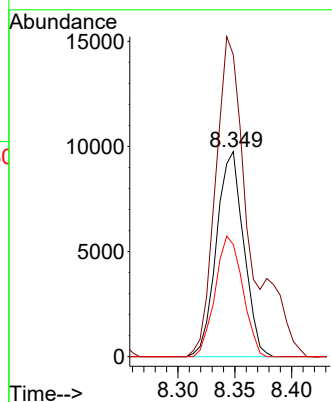
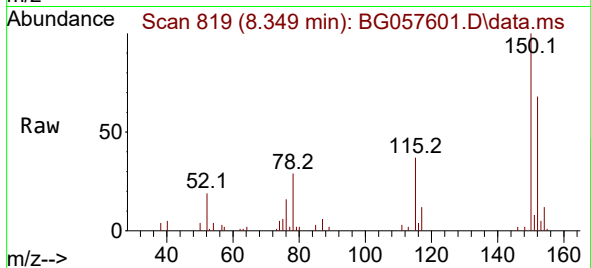




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

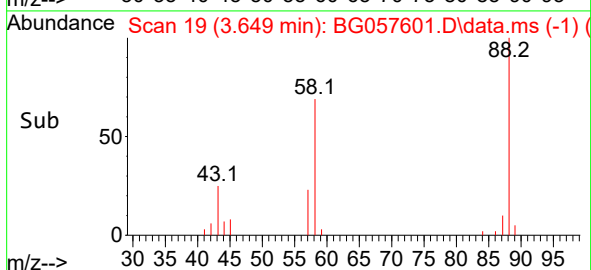
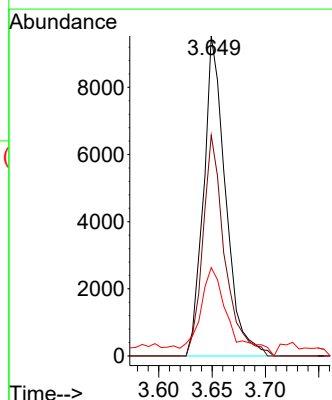
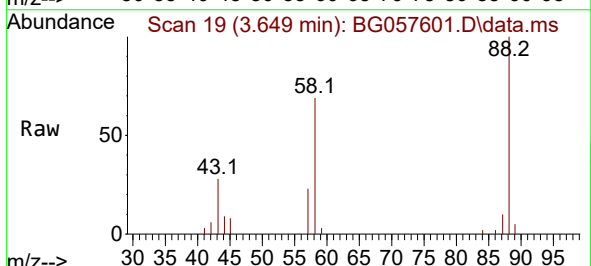
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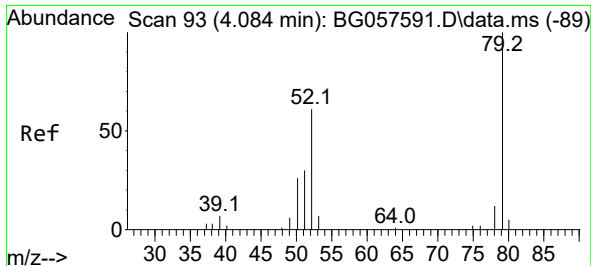
Tgt Ion:152 Resp: 16243
Ion Ratio Lower Upper
152 100
150 147.0 123.0 184.4
115 54.6 47.4 71.2



#2
1,4-Dioxane
Concen: 35.400 ng
RT: 3.649 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion: 88 Resp: 13713
Ion Ratio Lower Upper
88 100
58 68.3 52.6 79.0
43 35.1 22.1 33.1#

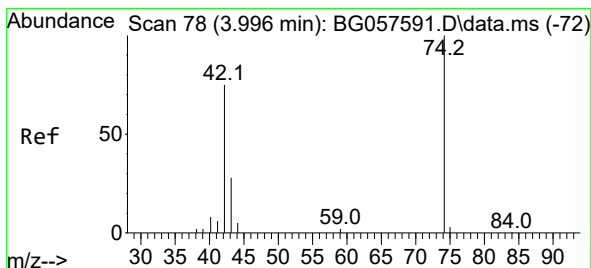
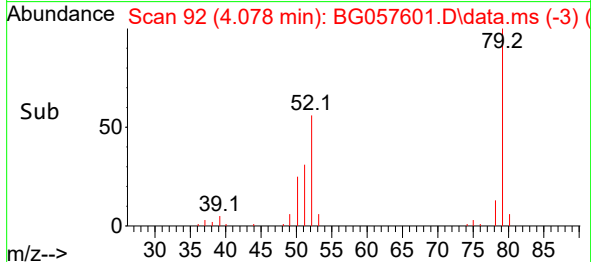
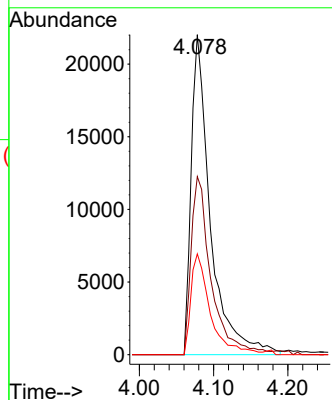
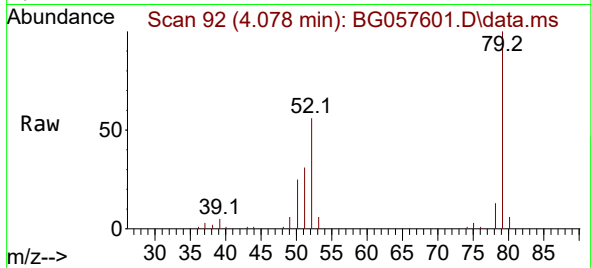




#3
 Pyridine
 Concen: 33.400 ng
 RT: 4.078 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BG057601.D
 Acq: 27 May 2023 2:44

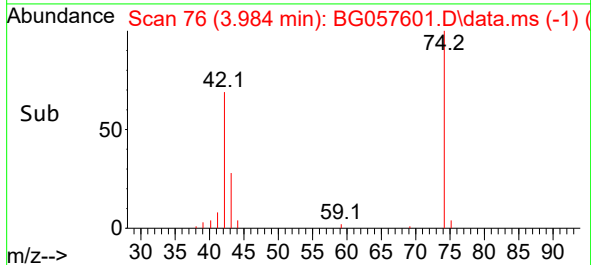
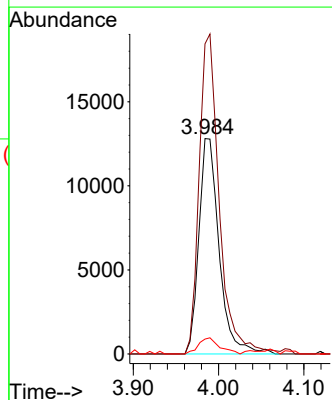
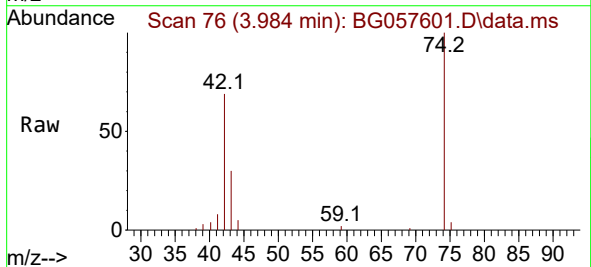
Instrument :
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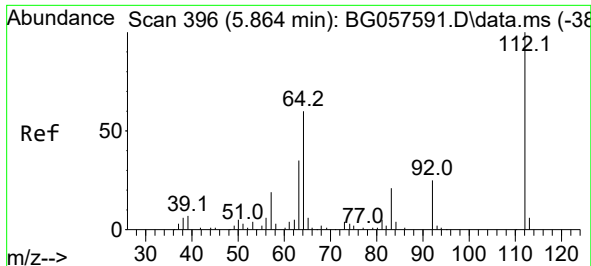
Tgt Ion:	79	Resp:	39555
Ion	Ratio	Lower	Upper
79	100		
52	55.7	48.4	72.6
51	31.5	24.4	36.6



#4
 n-Nitrosodimethylamine
 Concen: 44.218 ng
 RT: 3.984 min Scan# 76
 Delta R.T. -0.012 min
 Lab File: BG057601.D
 Acq: 27 May 2023 2:44

Tgt Ion:	42	Resp:	21188
Ion	Ratio	Lower	Upper
42	100		
74	143.9	107.3	160.9
44	6.9	6.1	9.1

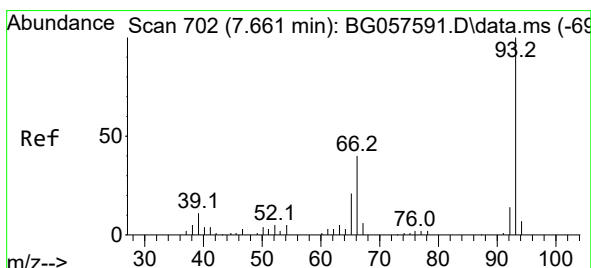
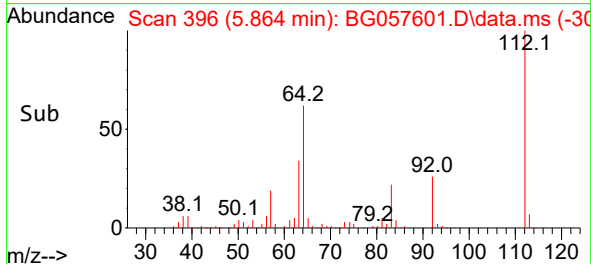
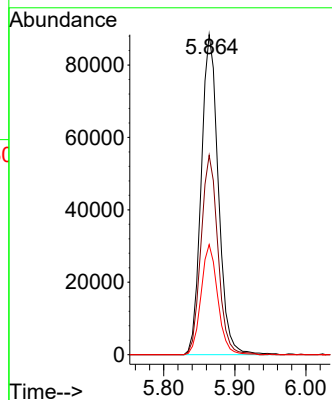
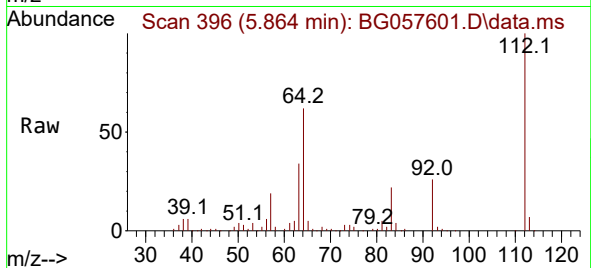




#5
2-Fluorophenol
Concen: 158.658 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

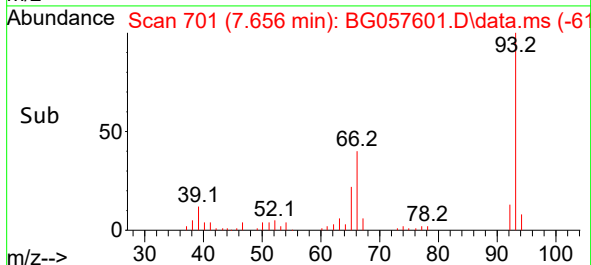
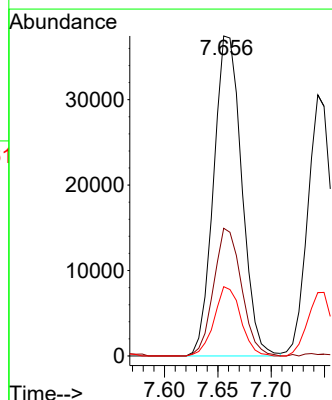
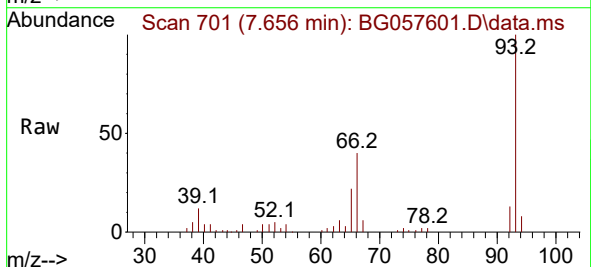
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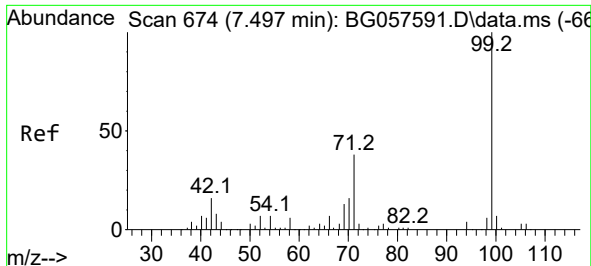
Tgt Ion:112 Resp: 148338
Ion Ratio Lower Upper
112 100
64 62.3 47.8 71.6
63 34.4 27.8 41.8



#6
Aniline
Concen: 38.796 ng
RT: 7.656 min Scan# 701
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion: 93 Resp: 68672
Ion Ratio Lower Upper
93 100
66 39.9 32.2 48.4
65 21.6 16.7 25.1

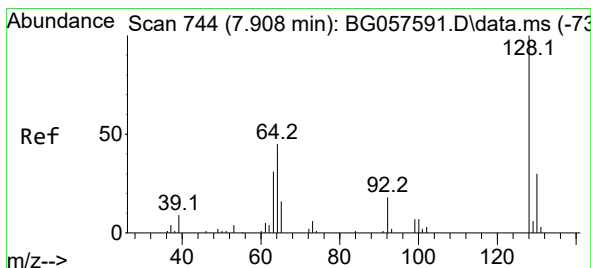
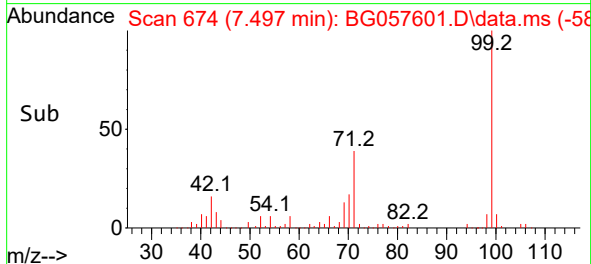
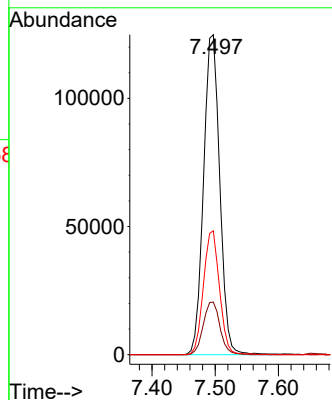
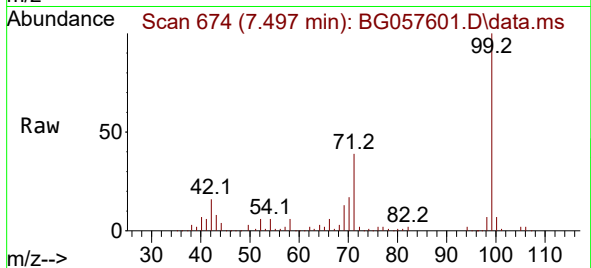




#7
Phenol-d6
Concen: 151.777 ng
RT: 7.497 min Scan# 674
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

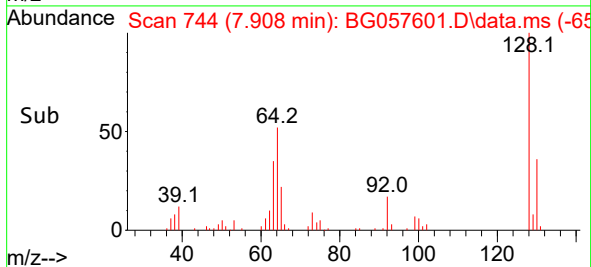
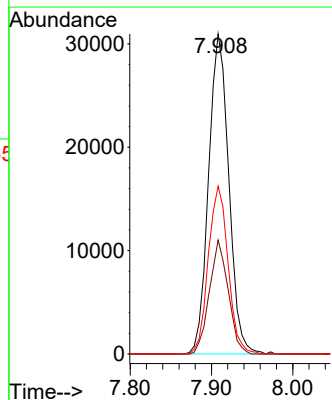
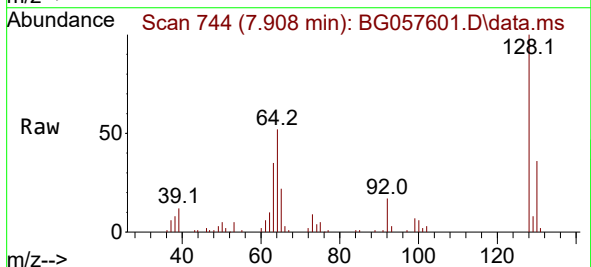
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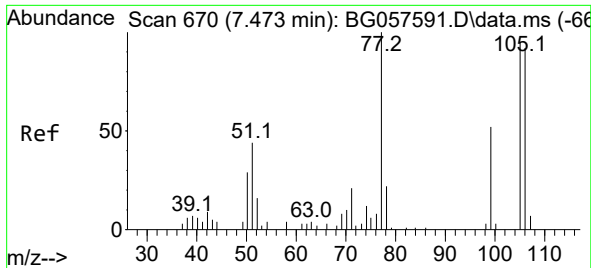
Tgt Ion: 99 Resp: 222078
Ion Ratio Lower Upper
99 100
42 16.4 12.8 19.2
71 38.7 30.3 45.5



#8
2-Chlorophenol
Concen: 53.176 ng
RT: 7.908 min Scan# 744
Delta R.T. 0.000 min
Lab File: BG057601.D
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Tgt Ion:128 Resp: 53375
Ion Ratio Lower Upper
128 100
130 35.6 10.5 50.5
64 52.5 33.8 73.8

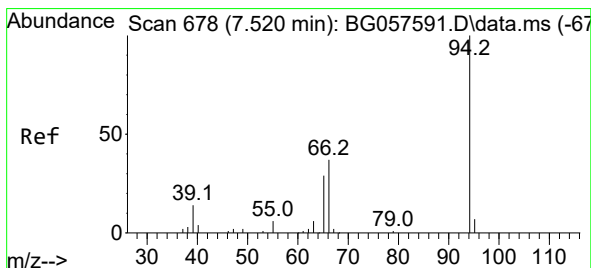
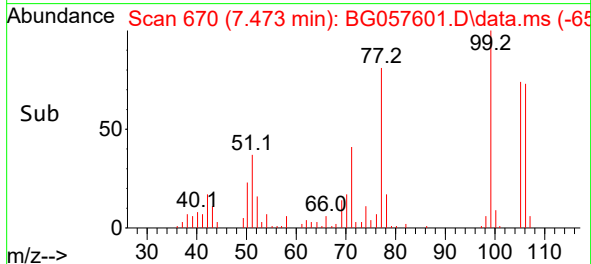
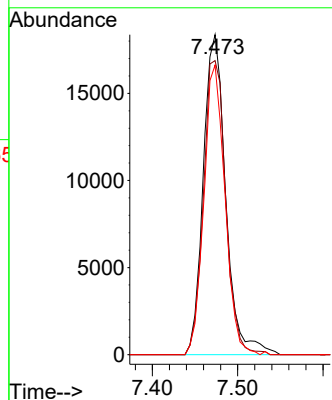
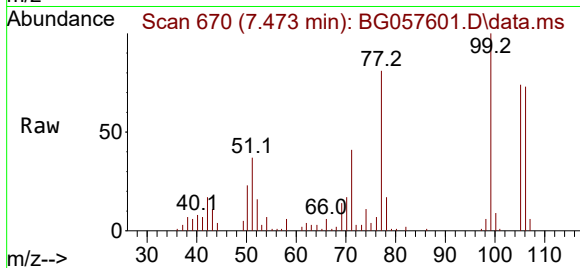




#9
Benzaldehyde
Concen: 34.556 ng
RT: 7.473 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

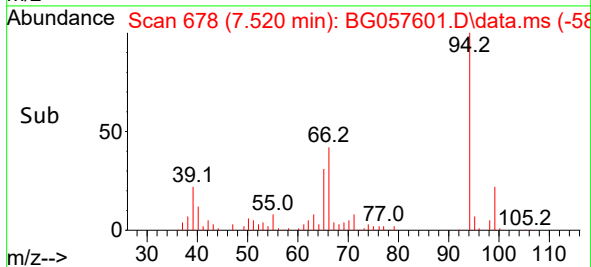
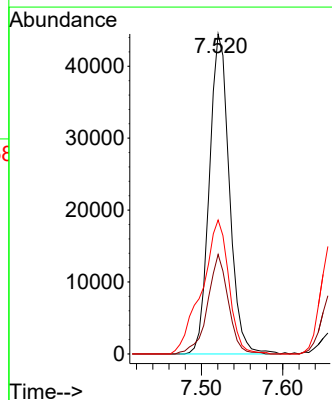
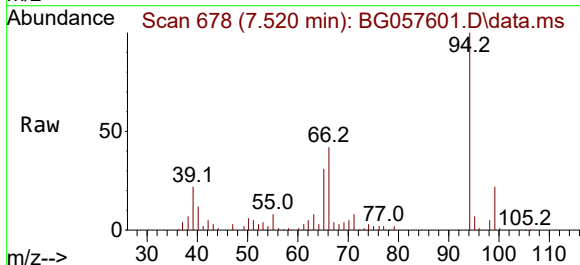
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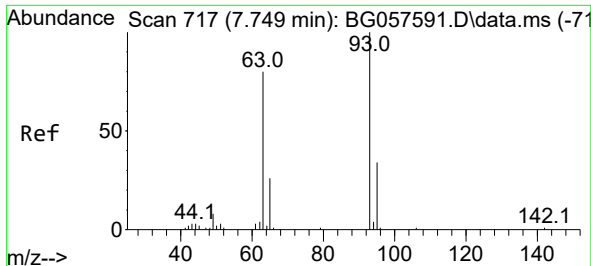
Tgt Ion: 77 Resp: 33499
Ion Ratio Lower Upper
77 100
105 91.9 75.0 115.0
106 90.5 72.5 112.5



#10
Phenol
Concen: 54.844 ng
RT: 7.520 min Scan# 678
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 75952
Ion Ratio Lower Upper
94 100
65 31.1 9.6 49.6
66 41.8 22.0 62.0

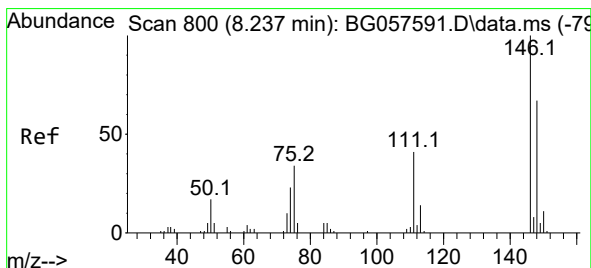
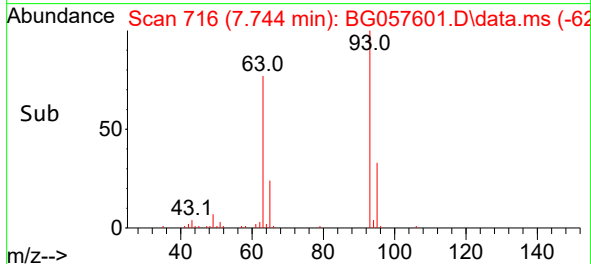
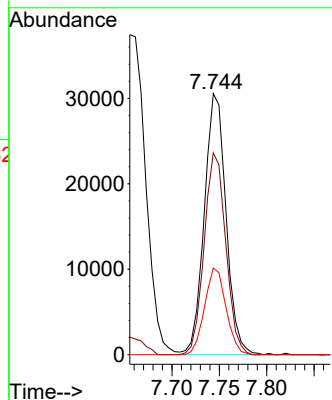
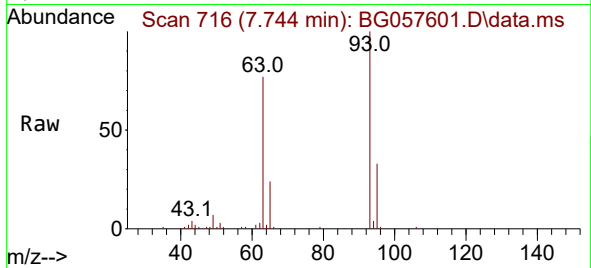




#11
bis(2-Chloroethyl)ether
Concen: 47.182 ng
RT: 7.744 min Scan# 716
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

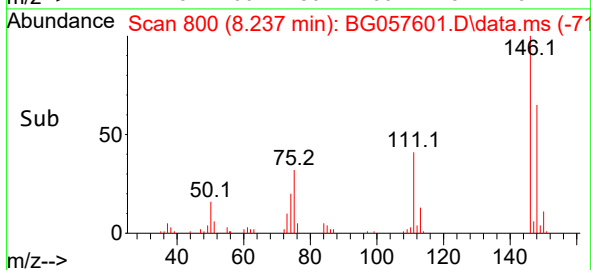
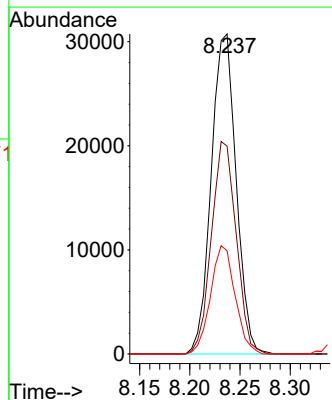
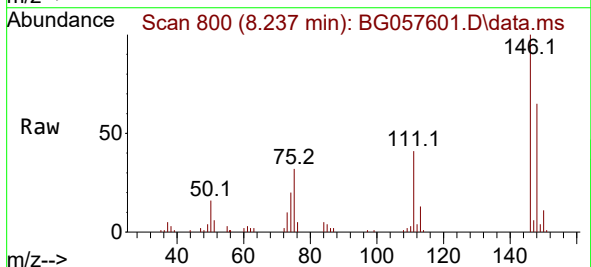
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

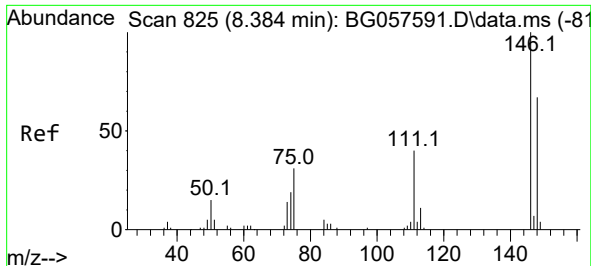
Tgt Ion: 93 Resp: 48790
Ion Ratio Lower Upper
93 100
63 77.3 59.3 99.3
95 33.2 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 49.702 ng
RT: 8.237 min Scan# 800
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:146 Resp: 53149
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 32.2 27.4 41.2

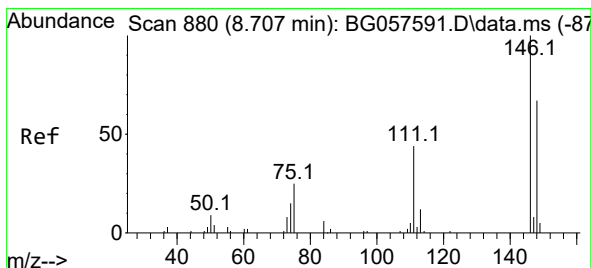
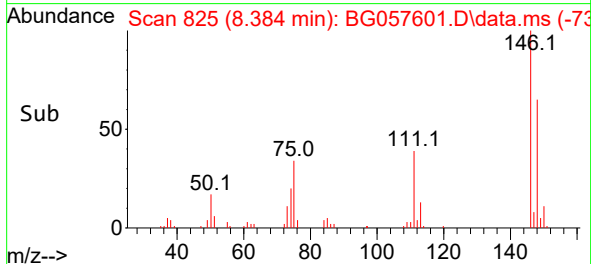
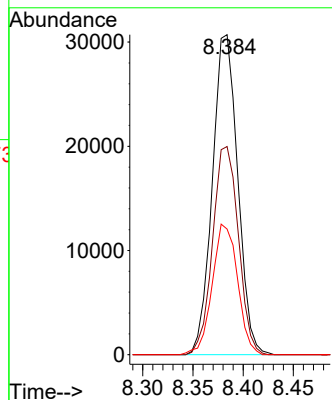
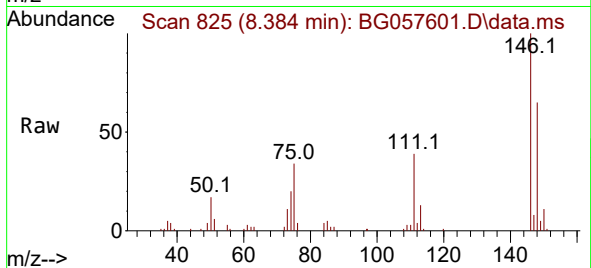




#13
1,4-Dichlorobenzene
Concen: 49.624 ng
RT: 8.384 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

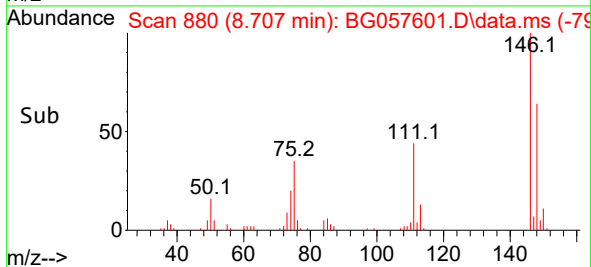
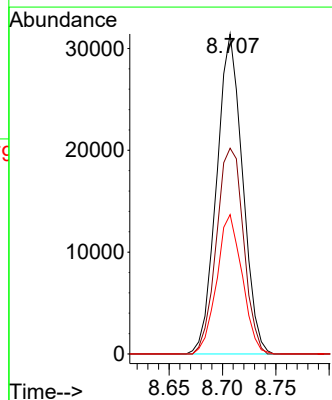
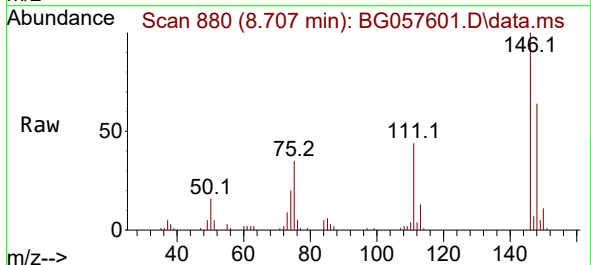
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

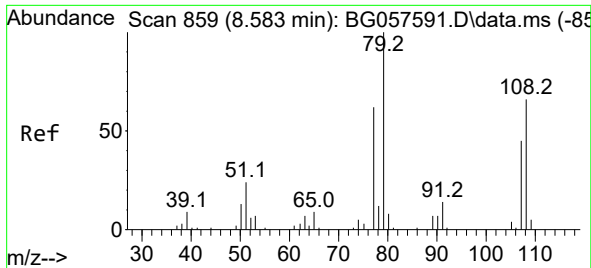
Tgt Ion:146 Resp: 53987
Ion Ratio Lower Upper
146 100
148 65.1 53.8 80.6
111 39.3 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 49.960 ng
RT: 8.707 min Scan# 880
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:146 Resp: 53015
Ion Ratio Lower Upper
146 100
148 64.3 53.5 80.3
111 43.5 36.6 54.8

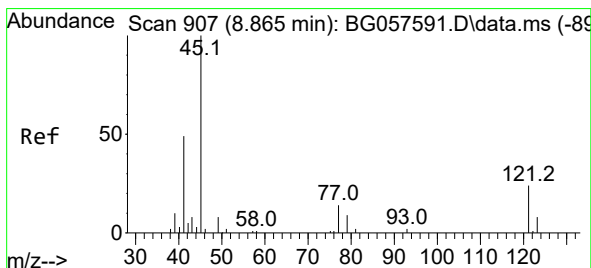
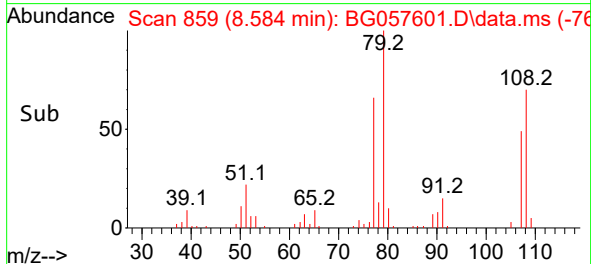
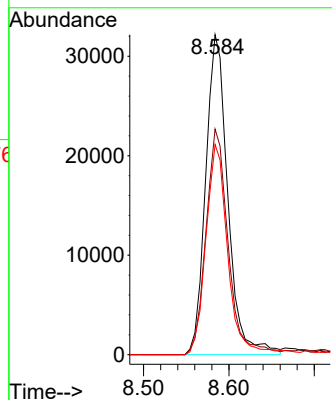
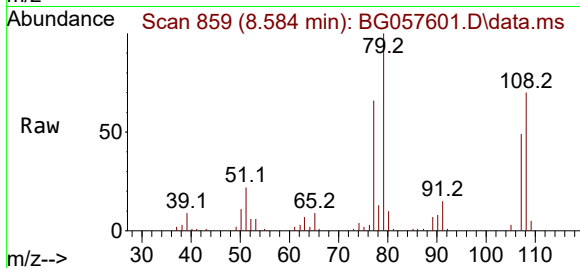




#15
Benzyl Alcohol
Concen: 51.530 ng
RT: 8.584 min Scan# 859
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

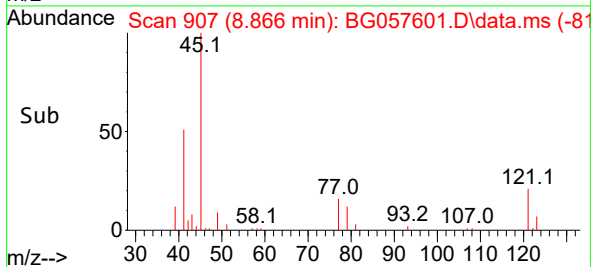
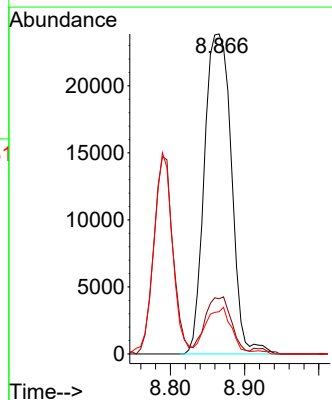
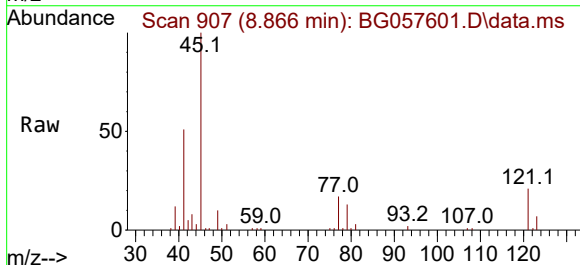
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

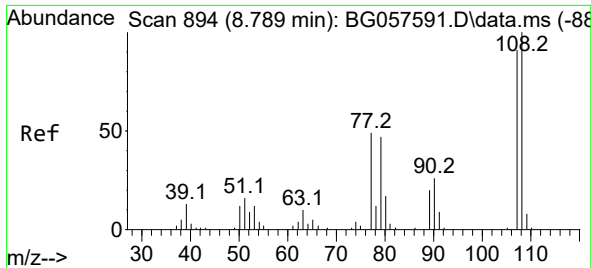
Tgt Ion: 79 Resp: 58000
Ion Ratio Lower Upper
79 100
108 70.5 52.6 78.8
77 65.7 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.063 ng
RT: 8.866 min Scan# 907
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion: 45 Resp: 60430
Ion Ratio Lower Upper
45 100
77 17.3 0.0 39.2
79 13.2 0.0 34.2

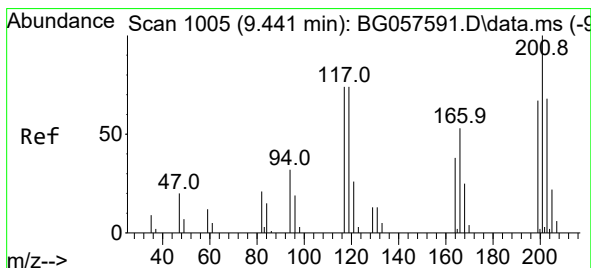
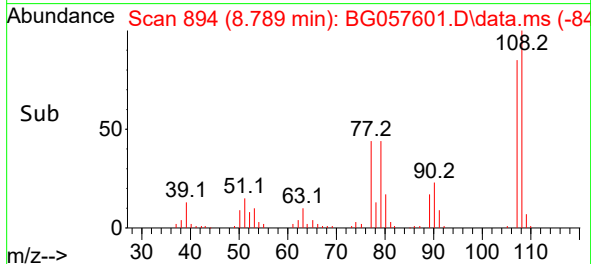
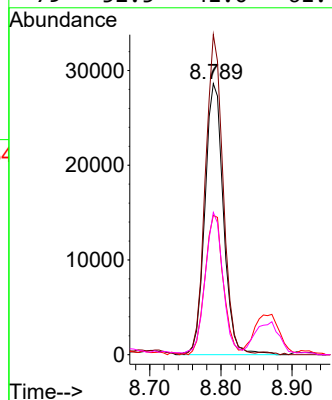
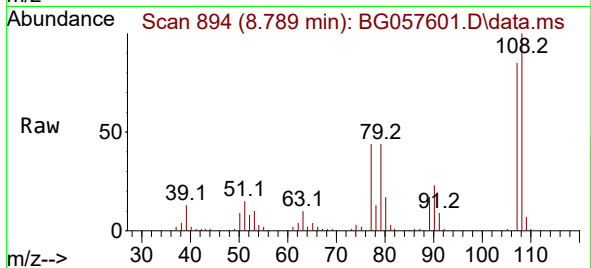




#17
2-Methylphenol
Concen: 51.149 ng
RT: 8.789 min Scan# 894
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

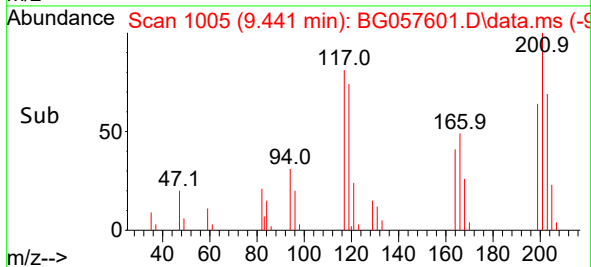
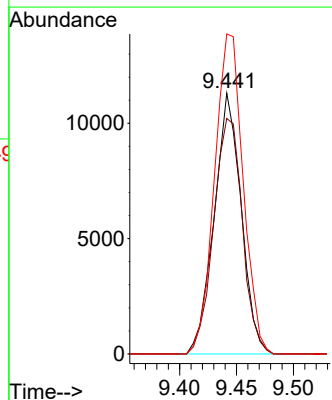
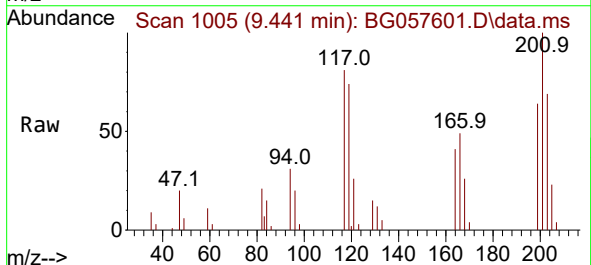
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

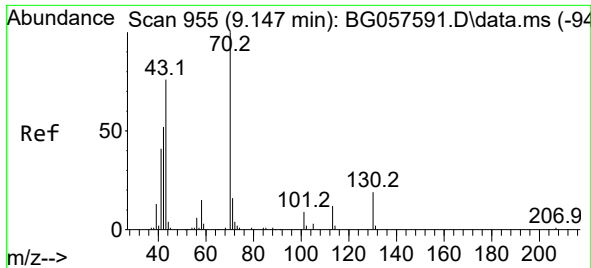
Tgt Ion:	107	Resp:	52018
Ion Ratio	Lower	Upper	
107	100		
108	118.1	87.7	131.5
77	51.4	43.0	64.6
79	52.5	41.0	61.4



#18
Hexachloroethane
Concen: 50.121 ng
RT: 9.441 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:	117	Resp:	18671
Ion Ratio	Lower	Upper	
117	100		
119	90.3	80.6	121.0
201	122.7	108.8	163.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.850 ng

RT: 9.148 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG057601.D

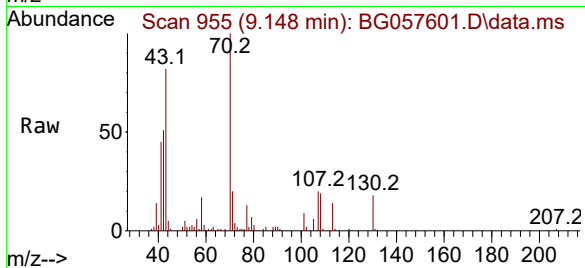
Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD



Tgt Ion: 70 Resp: 46608

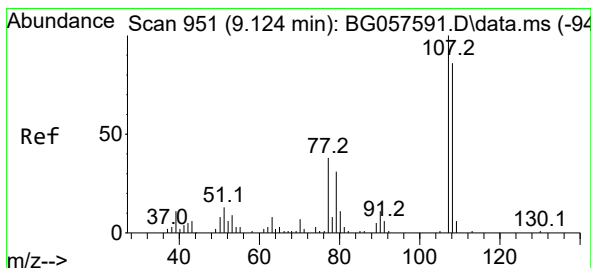
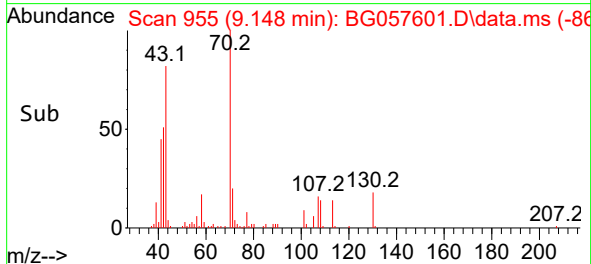
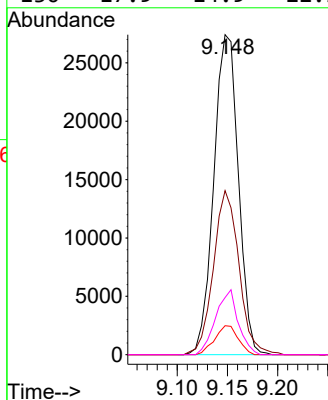
Ion Ratio Lower Upper

70 100

42 51.2 41.4 62.0

101 9.1 6.9 10.3

130 17.9 14.9 22.3



#20

3+4-Methylphenols

Concen: 50.382 ng

RT: 9.118 min Scan# 950

Delta R.T. -0.006 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Tgt Ion: 107 Resp: 71928

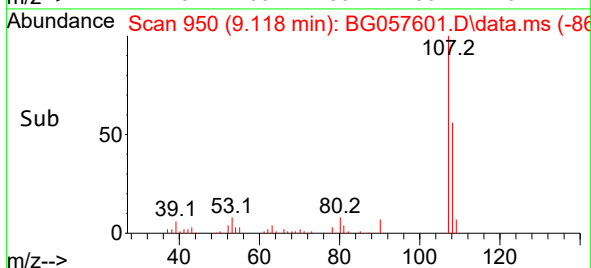
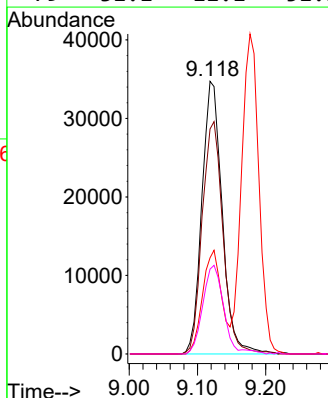
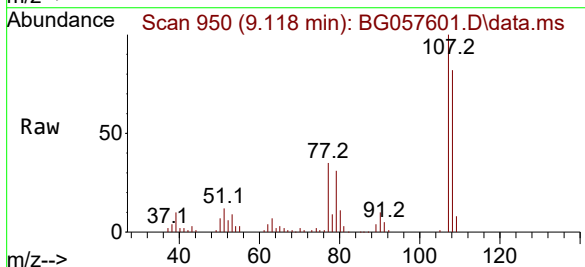
Ion Ratio Lower Upper

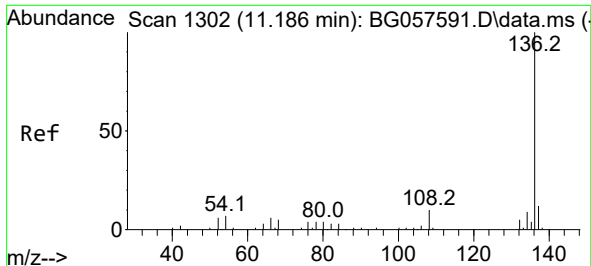
107 100

108 82.5 65.6 105.6

77 35.2 18.0 58.0

79 31.1 11.1 51.1

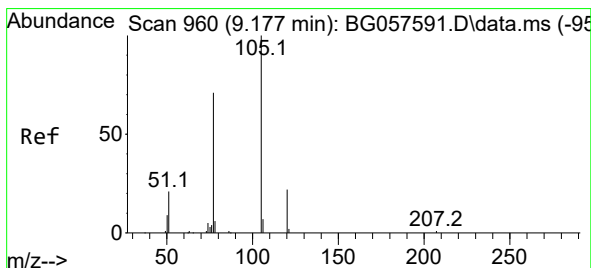
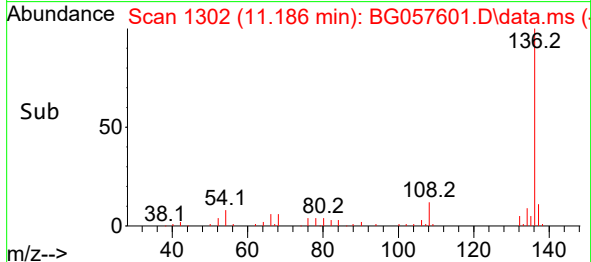
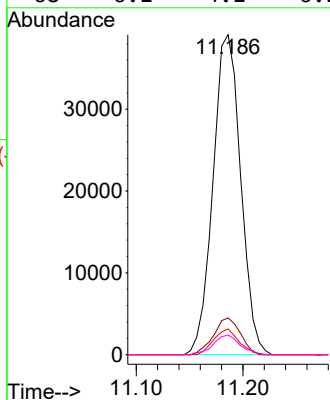
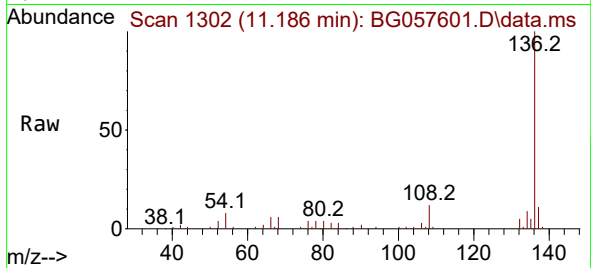




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

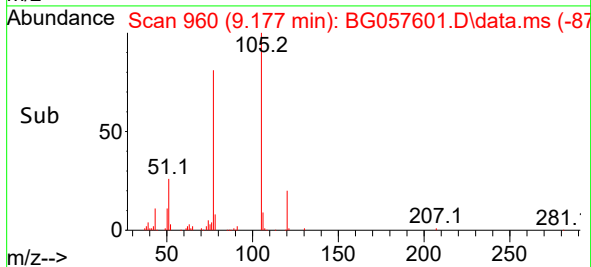
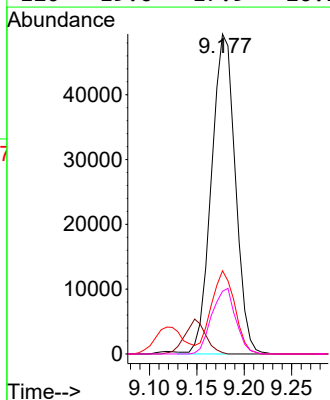
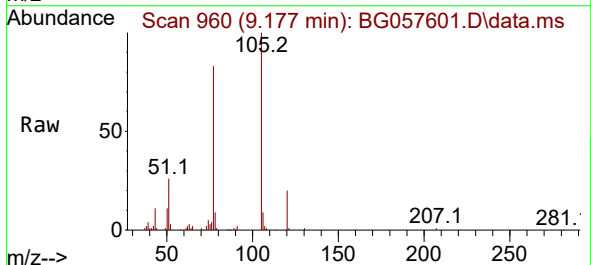
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

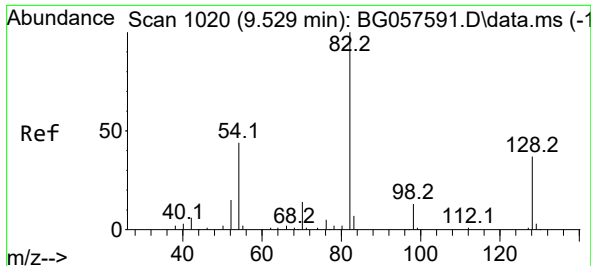
Tgt Ion:136 Resp: 70368
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.8
54 8.1 5.8 8.6
68 6.1 4.1 6.1#



#22
Acetophenone
Concen: 45.943 ng
RT: 9.177 min Scan# 960
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:105 Resp: 86447
Ion Ratio Lower Upper
105 100
71 0.4 0.0 0.0#
51 26.0 20.7 31.1
120 19.6 17.9 26.9

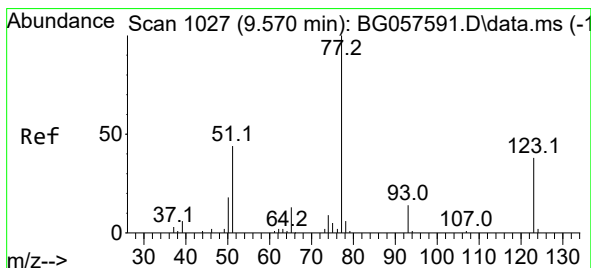
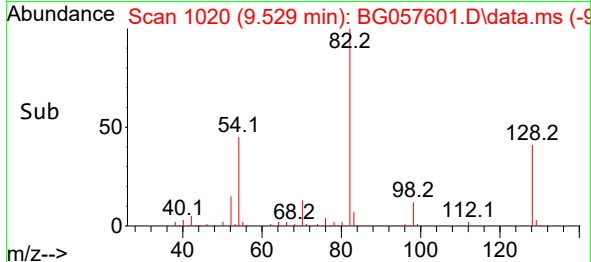
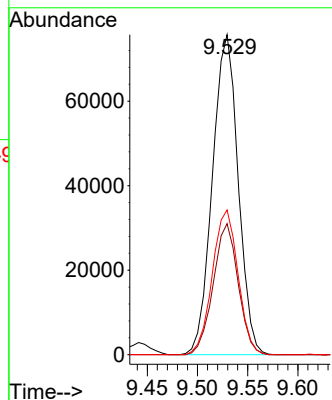
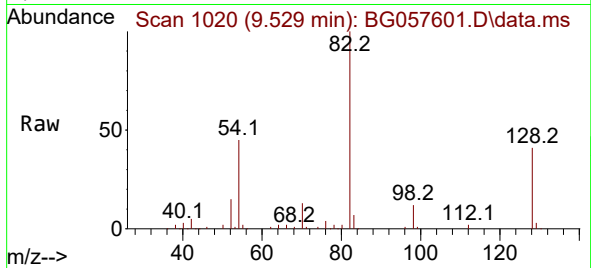




#23
Nitrobenzene-d5
Concen: 89.613 ng
RT: 9.529 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

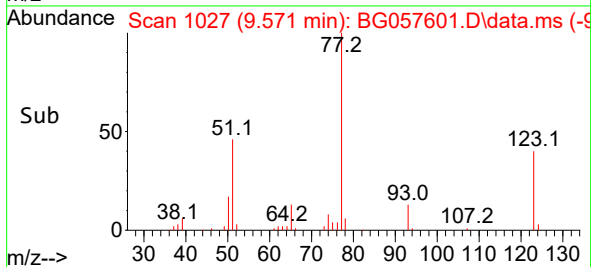
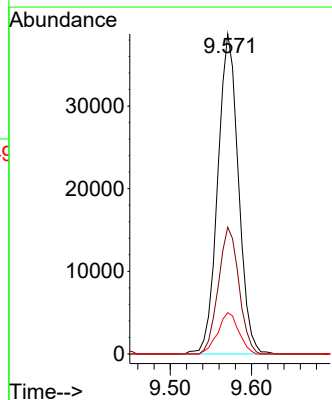
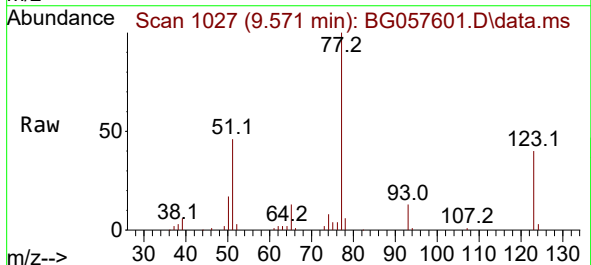
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

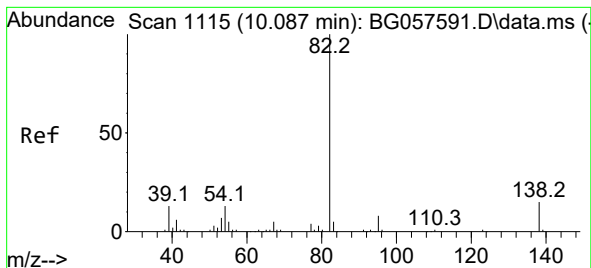
Tgt Ion: 82 Resp: 134897
Ion Ratio Lower Upper
82 100
128 41.0 30.0 45.0
54 45.3 35.2 52.8



#24
Nitrobenzene
Concen: 44.778 ng
RT: 9.571 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion: 77 Resp: 68422
Ion Ratio Lower Upper
77 100
123 39.6 30.6 46.0
65 12.9 10.2 15.4





#25

Isophorone

Concen: 45.108 ng

RT: 10.088 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

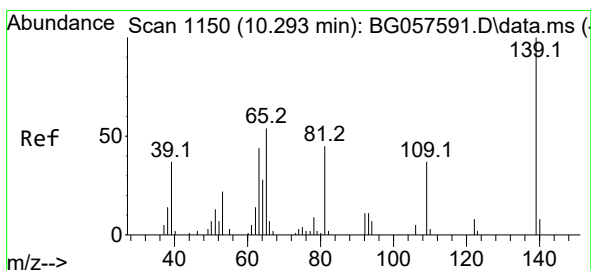
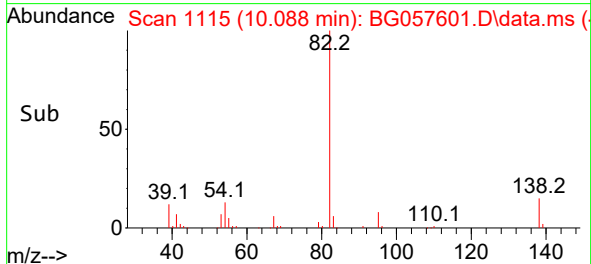
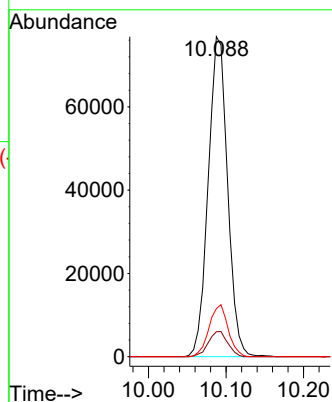
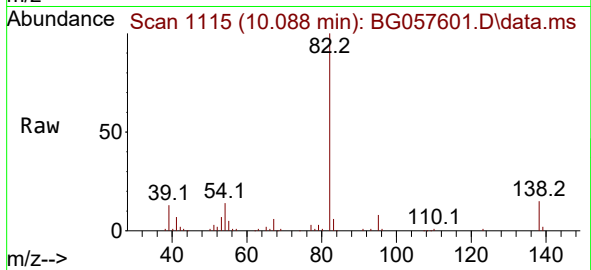
Tgt Ion: 82 Resp: 133465

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

138 15.0 12.0 18.0



#26

2-Nitrophenol

Concen: 48.349 ng

RT: 10.293 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

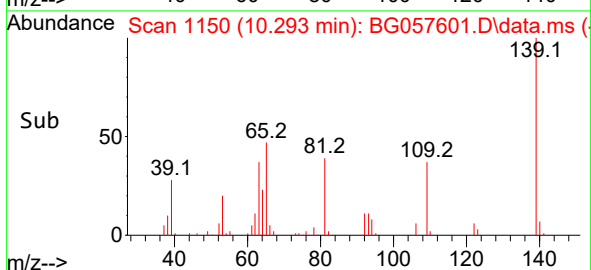
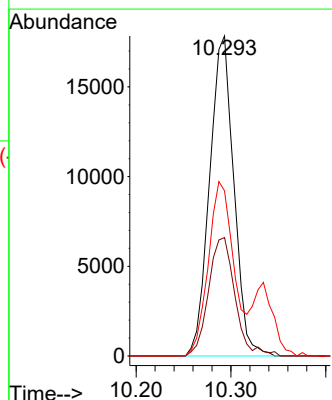
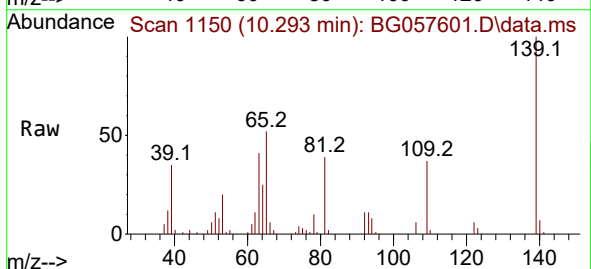
Tgt Ion:139 Resp: 31676

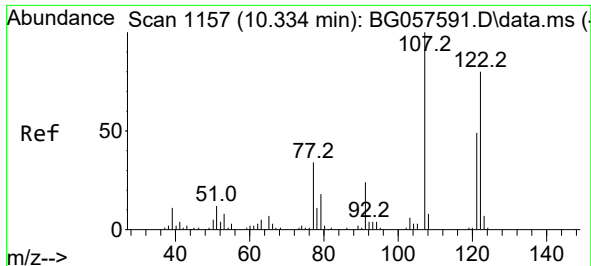
Ion Ratio Lower Upper

139 100

109 37.0 29.5 44.3

65 51.6 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 52.063 ng

RT: 10.334 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

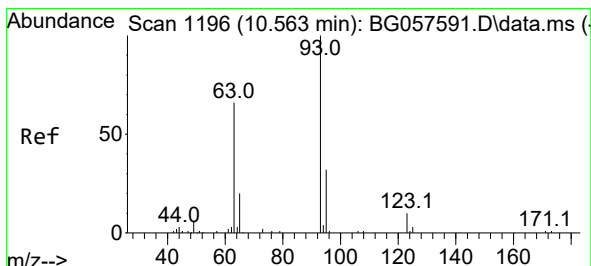
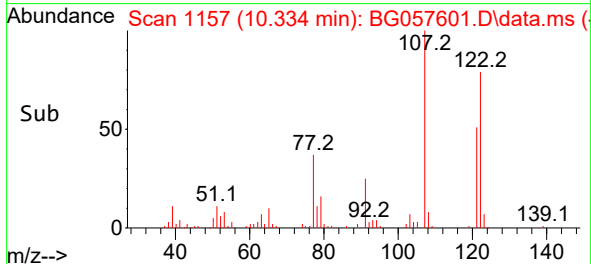
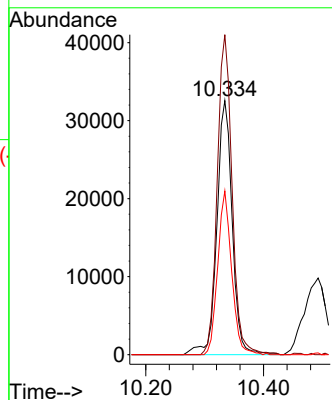
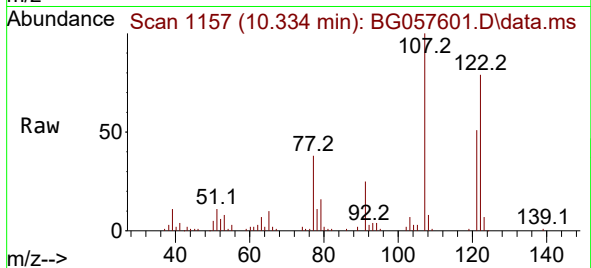
Tgt Ion:122 Resp: 58972

Ion Ratio Lower Upper

122 100

107 125.9 99.4 149.2

121 64.4 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.850 ng

RT: 10.563 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

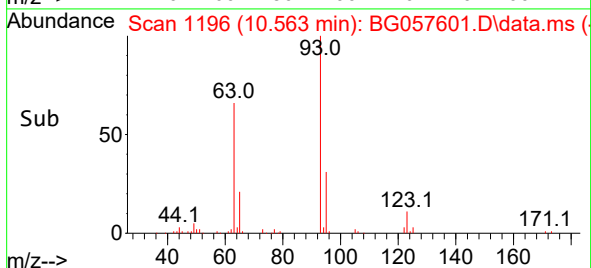
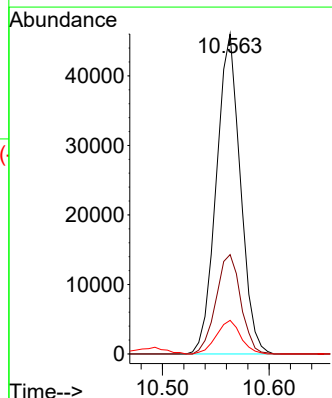
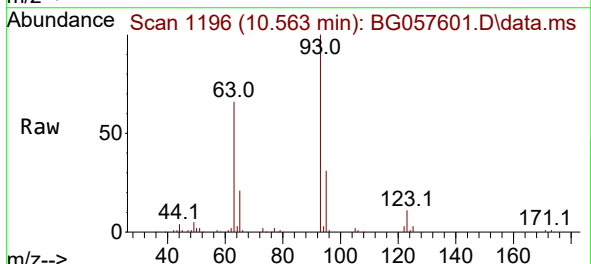
Tgt Ion: 93 Resp: 71879

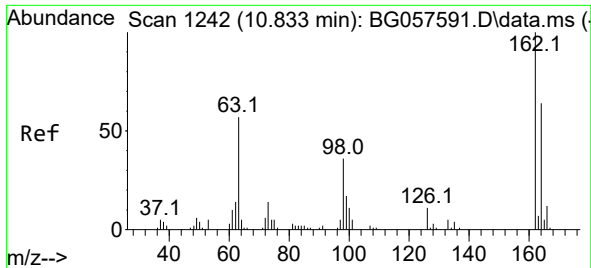
Ion Ratio Lower Upper

93 100

95 31.0 25.3 37.9

123 10.5 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 52.319 ng

RT: 10.834 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

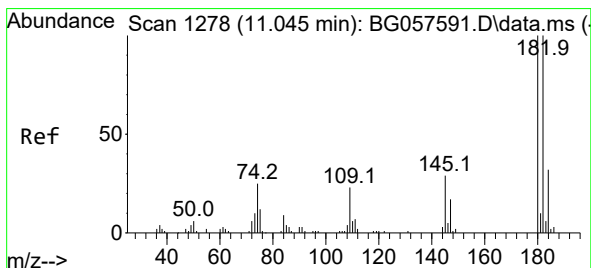
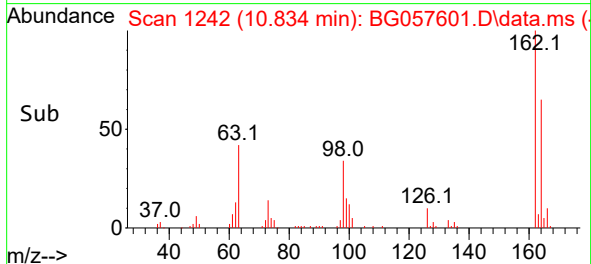
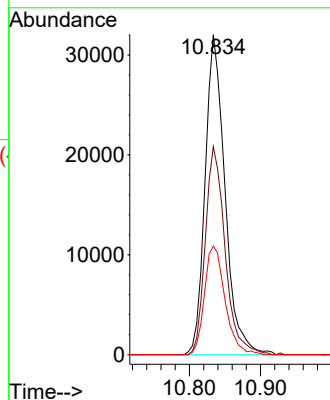
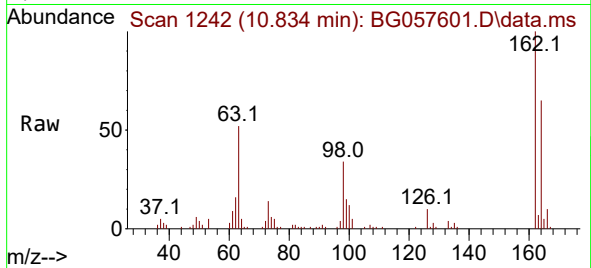
Tgt Ion:162 Resp: 62243

Ion Ratio Lower Upper

162 100

164 65.0 44.1 84.1

98 34.0 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 46.942 ng

RT: 11.045 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

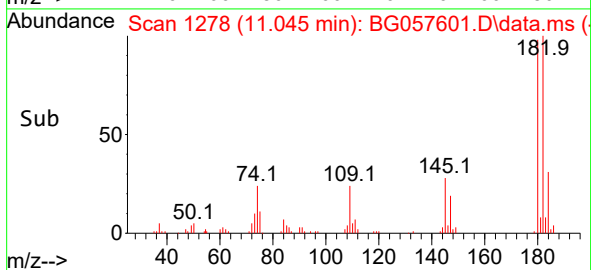
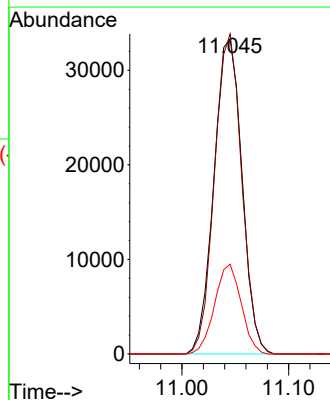
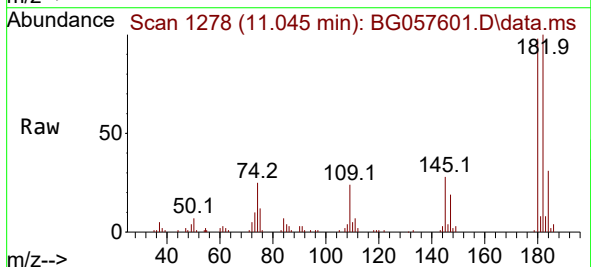
Tgt Ion:180 Resp: 60864

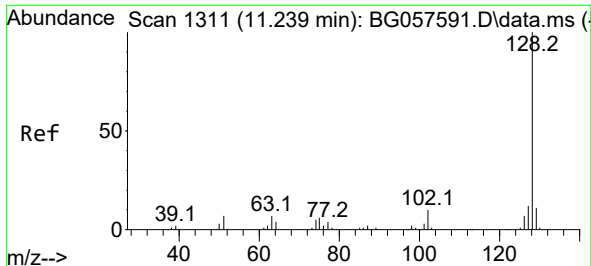
Ion Ratio Lower Upper

180 100

182 101.7 80.2 120.2

145 28.5 23.1 34.7

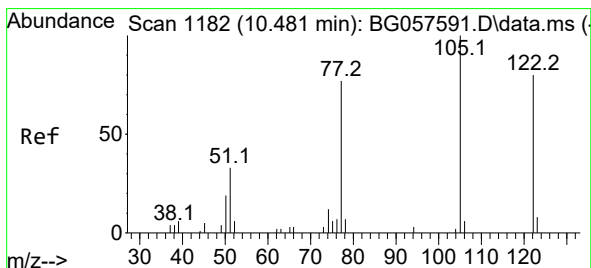
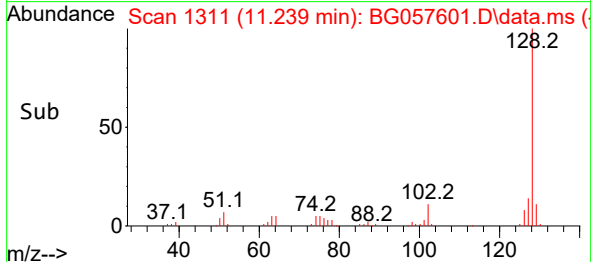
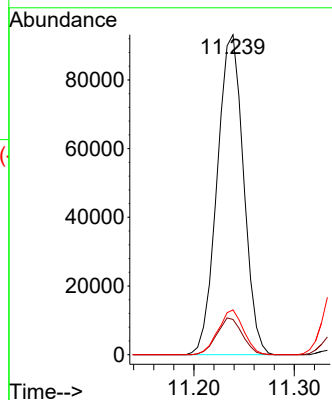
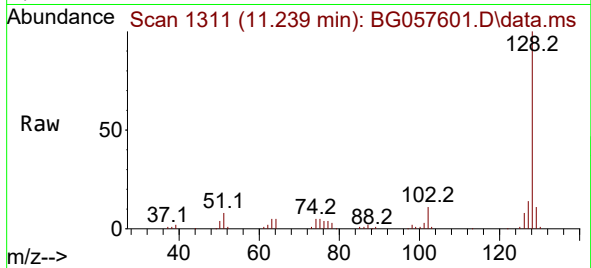




#31
Naphthalene
Concen: 45.704 ng
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

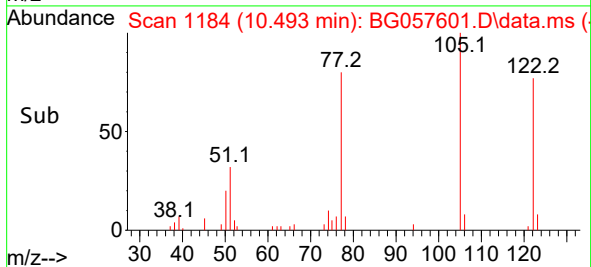
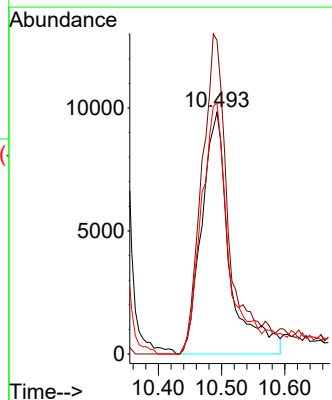
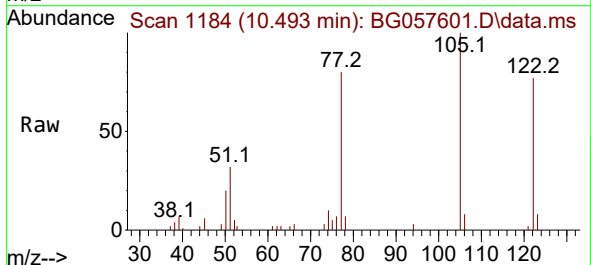
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

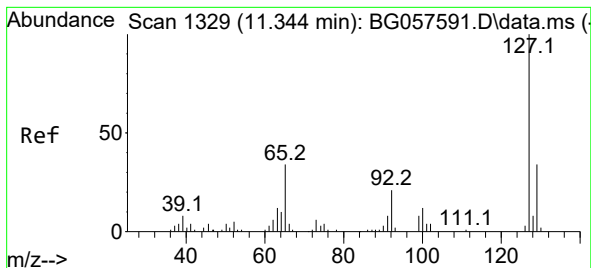
Tgt Ion:128 Resp: 170130
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.0 9.8 14.8



#32
Benzoic acid
Concen: 45.799 ng
RT: 10.493 min Scan# 1184
Delta R.T. 0.012 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:122 Resp: 30011
Ion Ratio Lower Upper
122 100
105 129.8 104.8 144.8
77 103.8 75.8 115.8





#33

4-Chloroaniline

Concen: 27.741 ng

RT: 11.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

Tgt Ion:127 Resp: 47488

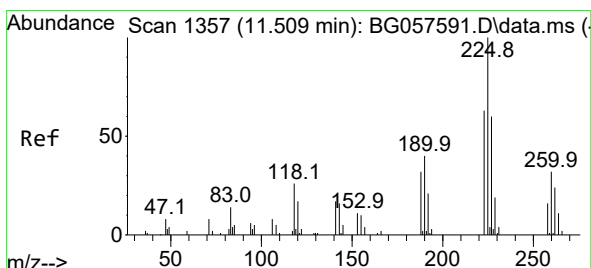
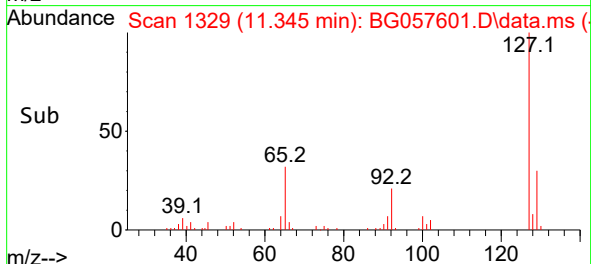
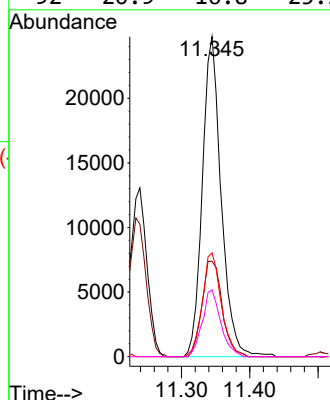
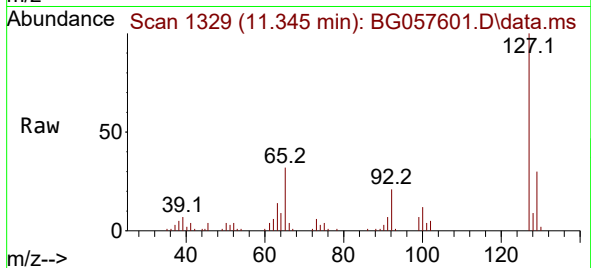
Ion Ratio Lower Upper

127 100

129 29.8 26.9 40.3

65 32.4 27.3 40.9

92 20.9 16.8 25.2



#34

Hexachlorobutadiene

Concen: 45.060 ng

RT: 11.503 min Scan# 1356

Delta R.T. -0.006 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

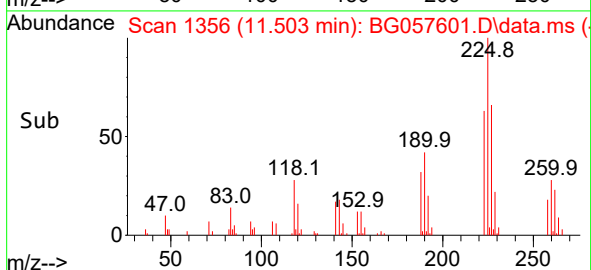
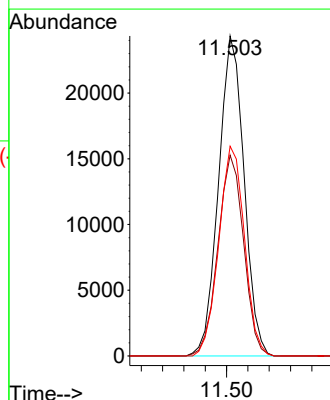
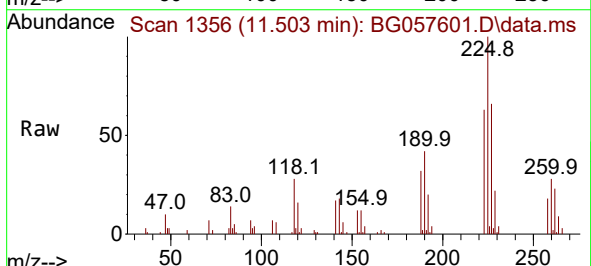
Tgt Ion:225 Resp: 40410

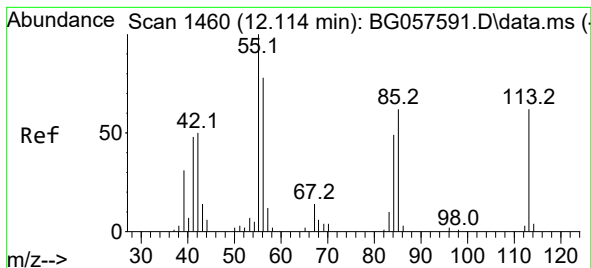
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 65.5 47.9 71.9





#35

Caprolactam

Concen: 28.393 ng

RT: 12.114 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

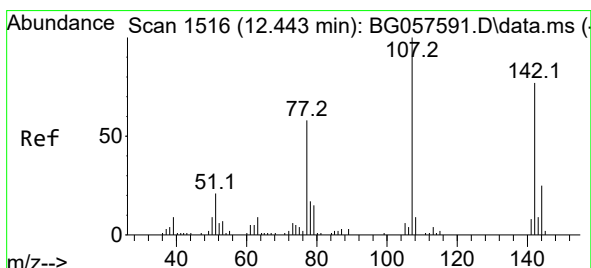
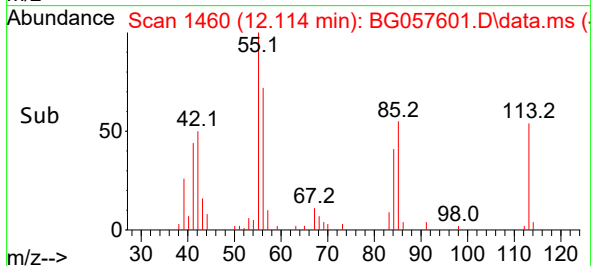
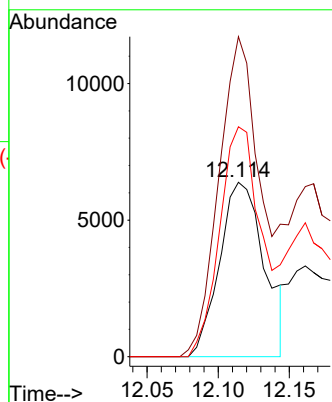
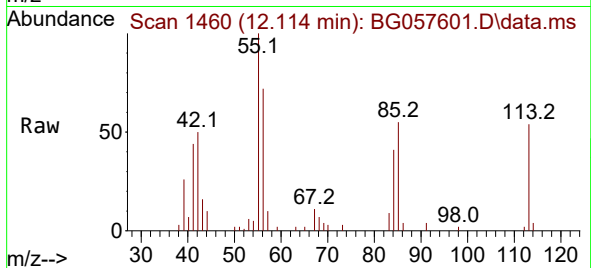
Tgt Ion:113 Resp: 14003

Ion Ratio Lower Upper

113 100

55 183.6 140.9 180.9#

56 131.9 105.9 145.9



#36

4-Chloro-3-methylphenol

Concen: 52.281 ng

RT: 12.443 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

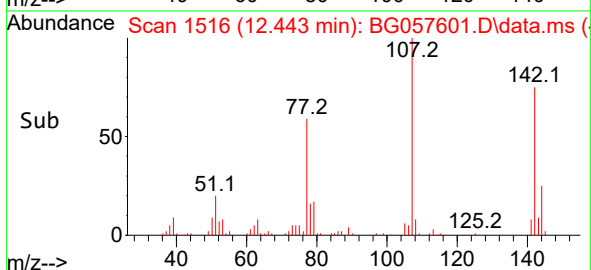
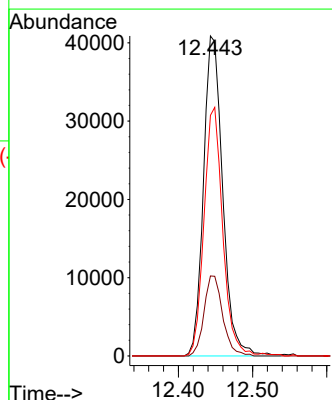
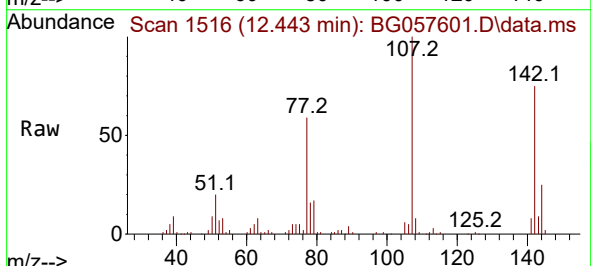
Tgt Ion:107 Resp: 73621

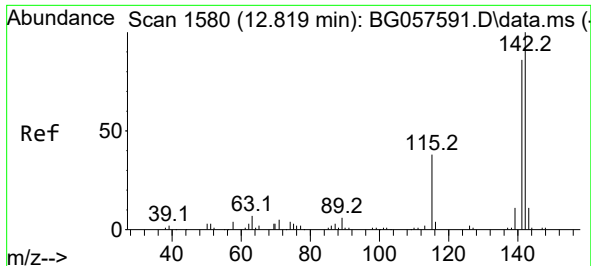
Ion Ratio Lower Upper

107 100

144 25.0 19.7 29.5

142 75.2 61.6 92.4

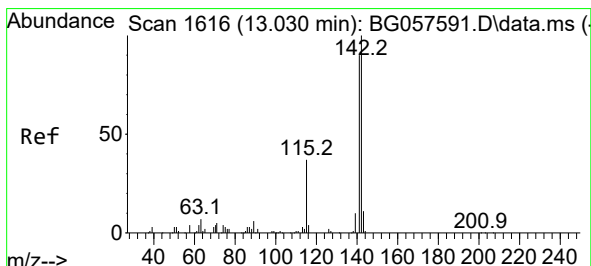
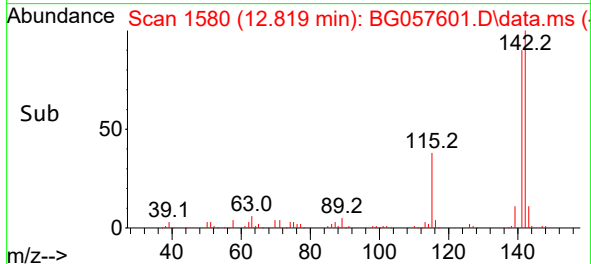
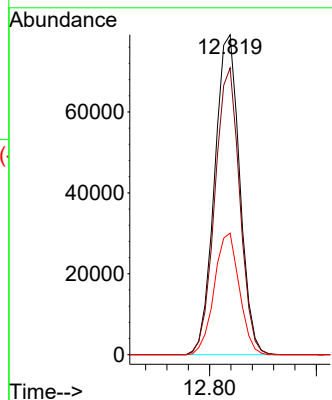
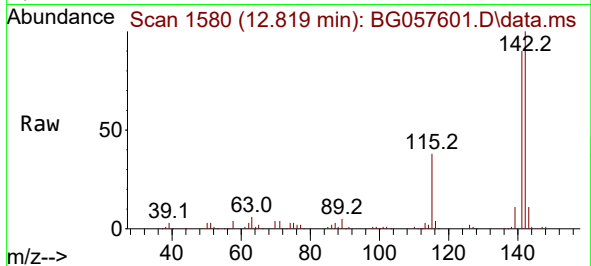




#37
2-Methylnaphthalene
Concen: 44.254 ng
RT: 12.819 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

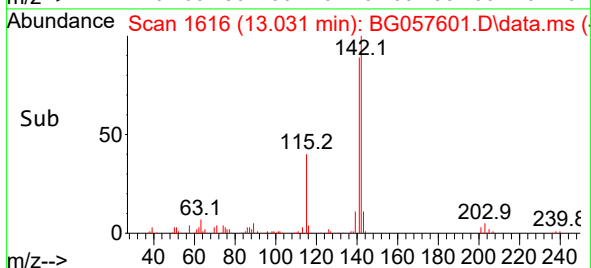
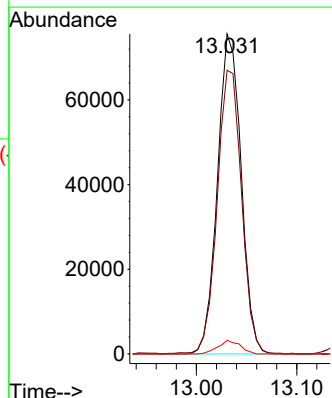
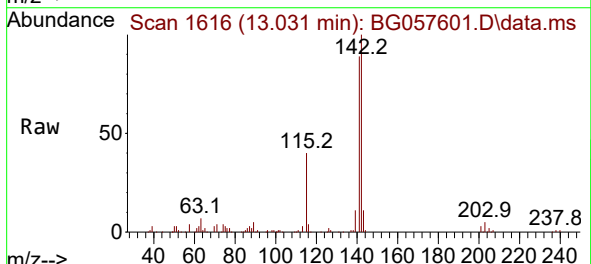
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

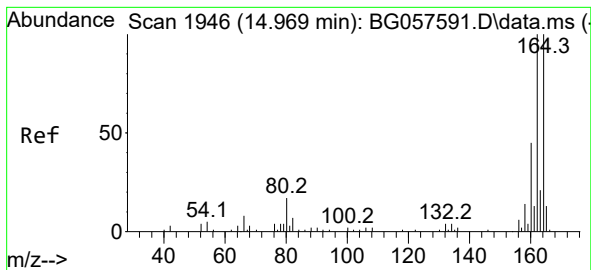
Tgt Ion:142 Resp: 129289
Ion Ratio Lower Upper
142 100
141 89.6 68.6 103.0
115 38.0 30.4 45.6



#38
1-Methylnaphthalene
Concen: 44.380 ng
RT: 13.031 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:142 Resp: 123730
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

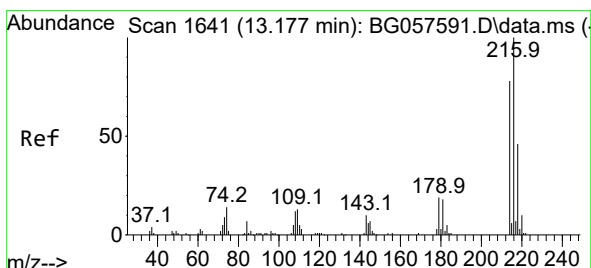
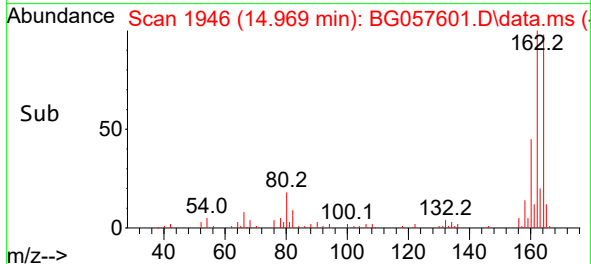
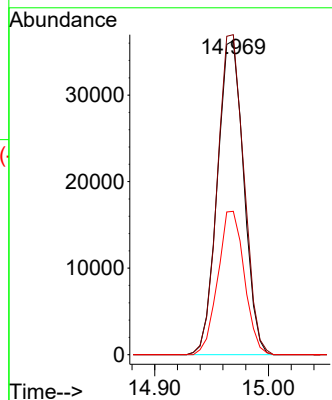
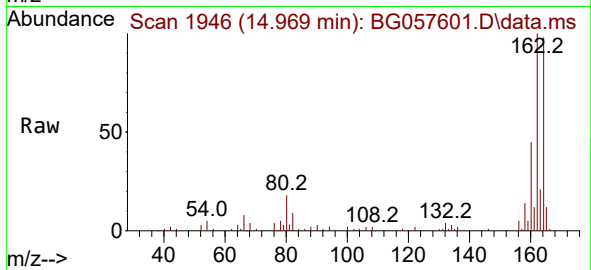
Tgt Ion:164 Resp: 58367

Ion Ratio Lower Upper

164 100

162 101.9 80.1 120.1

160 45.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.843 ng

RT: 13.177 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Tgt Ion:216 Resp: 85910

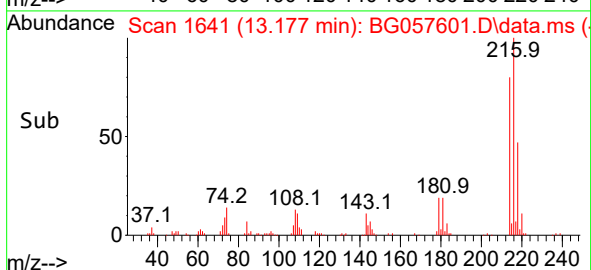
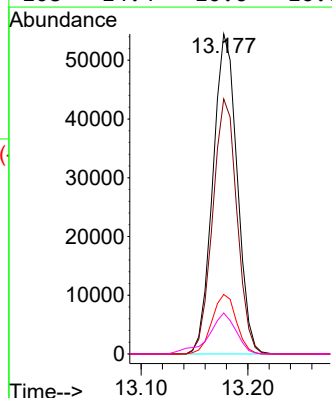
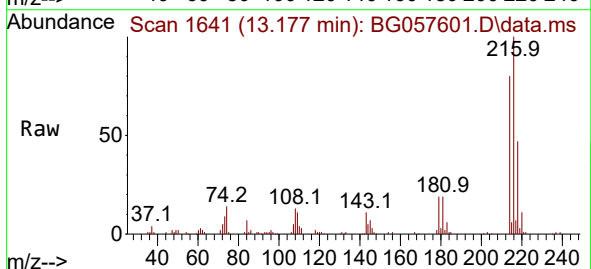
Ion Ratio Lower Upper

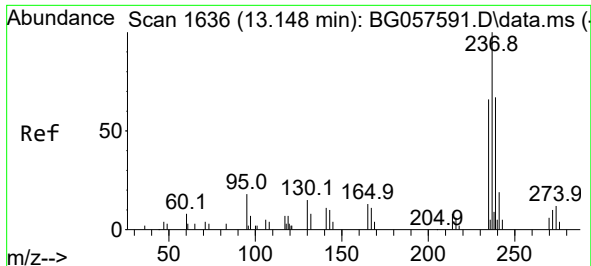
216 100

214 79.7 63.0 94.6

179 18.7 15.0 22.6

108 14.4 10.6 16.0

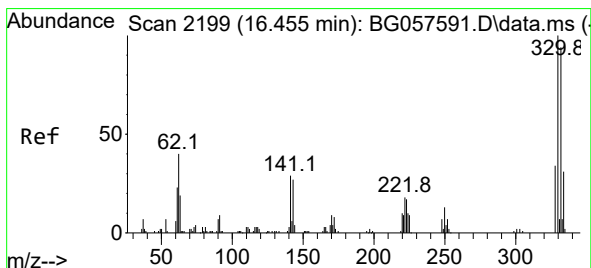
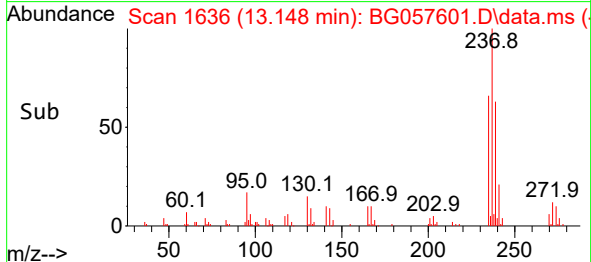
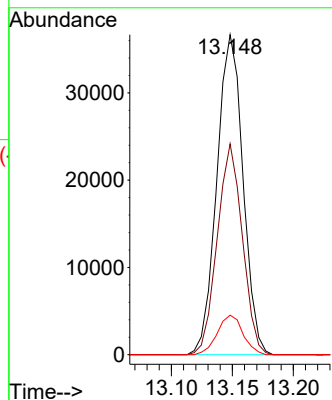
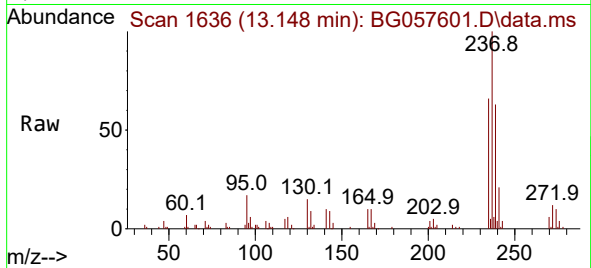




#41
Hexachlorocyclopentadiene
Concen: 98.284 ng
RT: 13.148 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

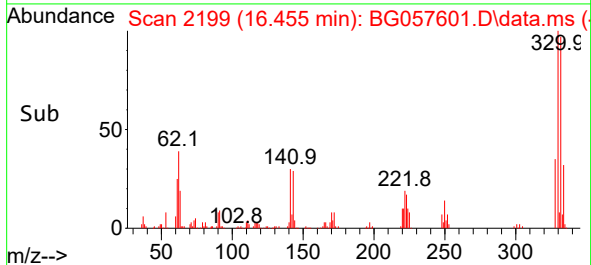
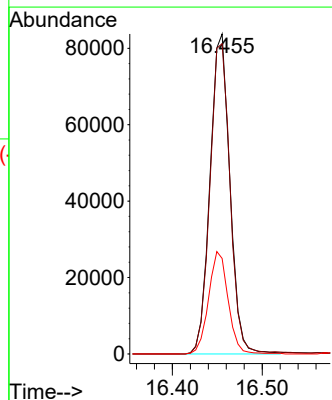
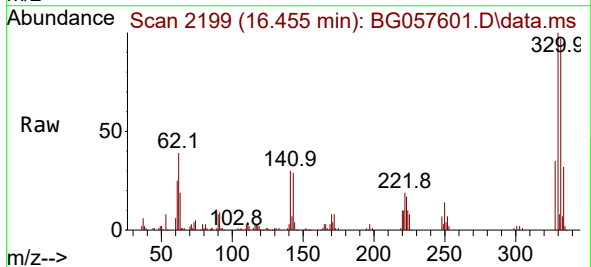
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

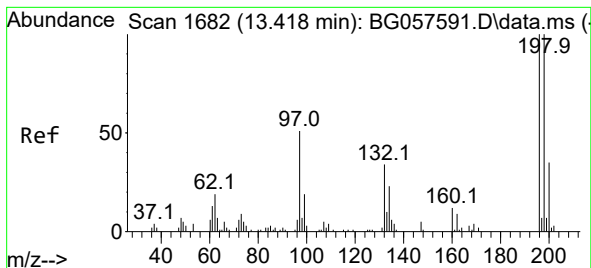
Tgt Ion:237 Resp: 54655
Ion Ratio Lower Upper
237 100
235 65.9 45.7 85.7
272 12.4 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 137.544 ng
RT: 16.455 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:330 Resp: 128531
Ion Ratio Lower Upper
330 100
332 98.8 77.3 115.9
141 31.6 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 48.933 ng

RT: 13.418 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

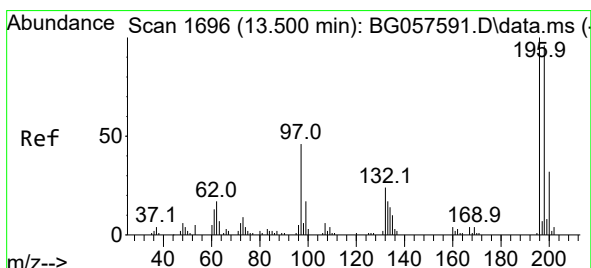
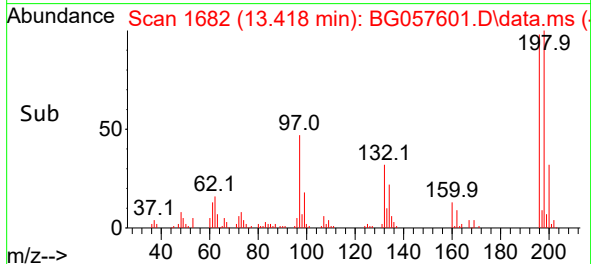
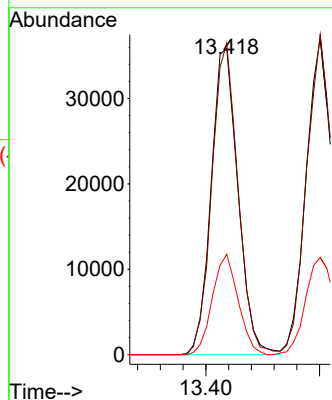
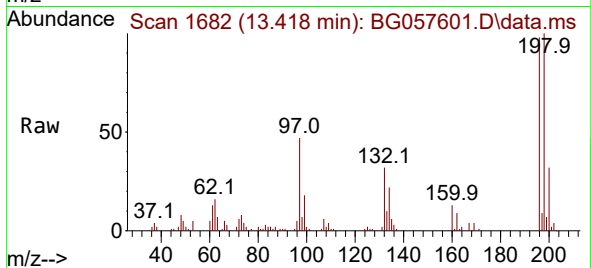
Tgt Ion:196 Resp: 59018

Ion Ratio Lower Upper

196 100

198 101.7 79.6 119.4

200 32.8 28.2 42.2



#44

2,4,5-Trichlorophenol

Concen: 45.415 ng

RT: 13.501 min Scan# 1696

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Tgt Ion:196 Resp: 65238

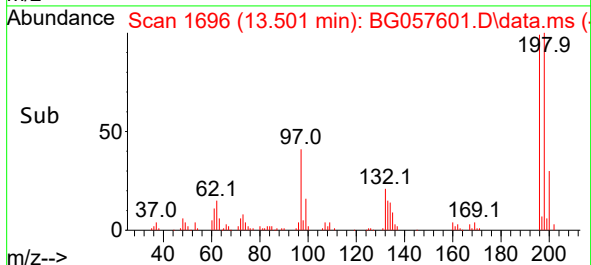
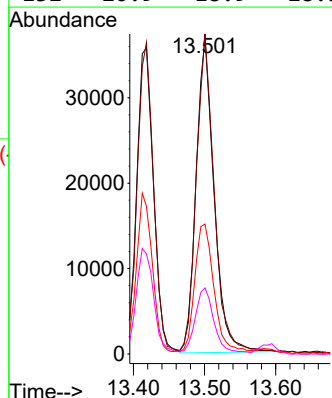
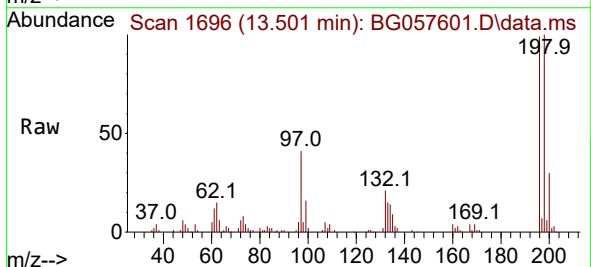
Ion Ratio Lower Upper

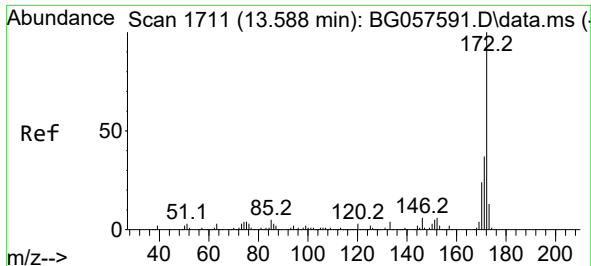
196 100

198 101.1 76.9 115.3

97 41.1 36.6 55.0

132 20.9 18.9 28.3

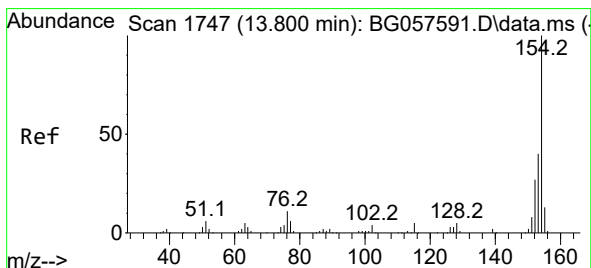
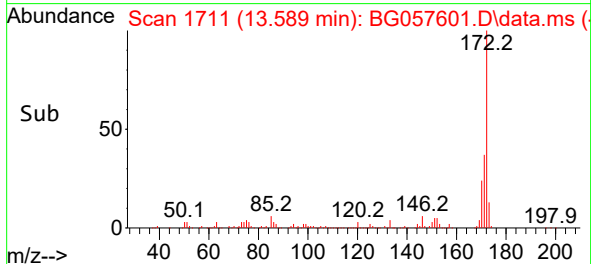
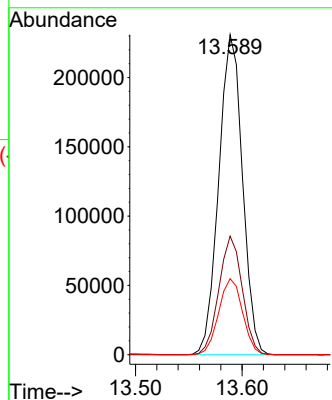
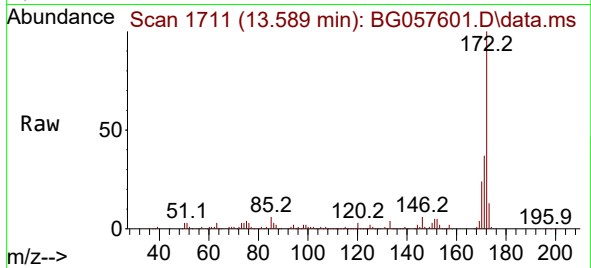




#45
2-Fluorobiphenyl
Concen: 87.701 ng
RT: 13.589 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

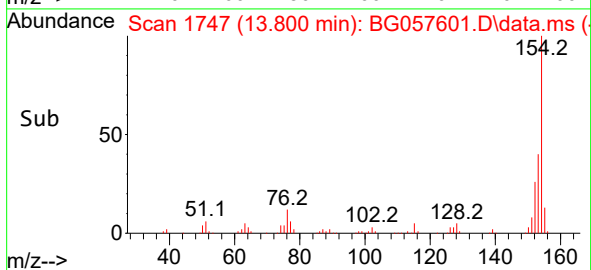
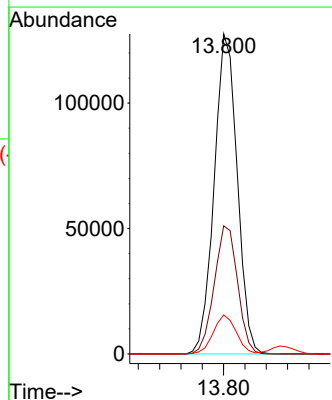
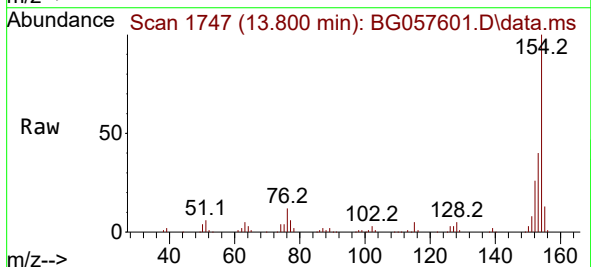
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

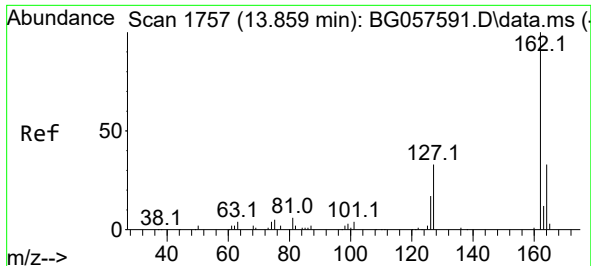
Tgt Ion:172 Resp: 356187
Ion Ratio Lower Upper
172 100
171 37.0 29.2 43.8
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.751 ng
RT: 13.800 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:154 Resp: 190852
Ion Ratio Lower Upper
154 100
153 40.0 19.6 59.6
76 12.2 0.0 30.9

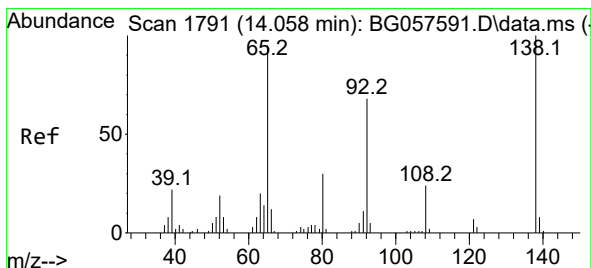
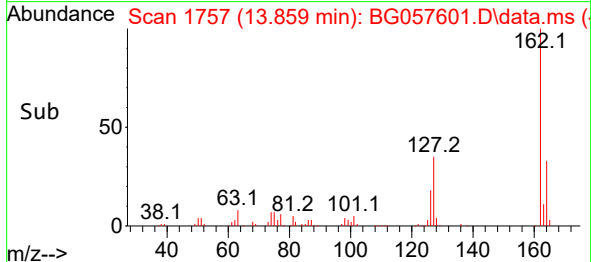
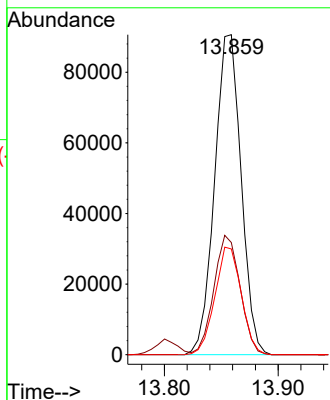
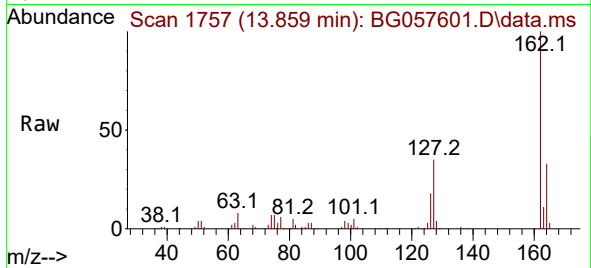




#47
2-Chloronaphthalene
Concen: 46.711 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

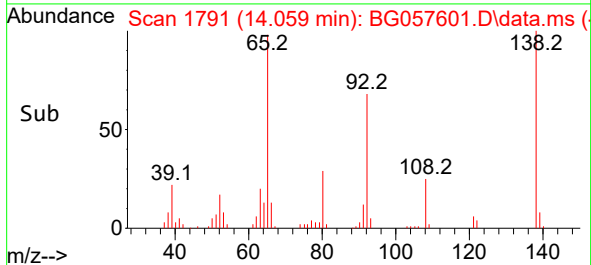
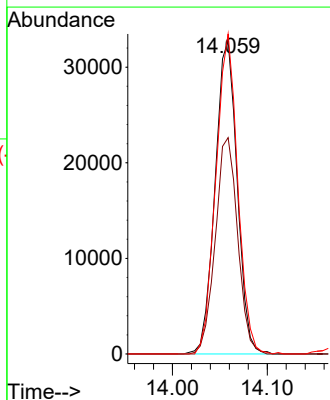
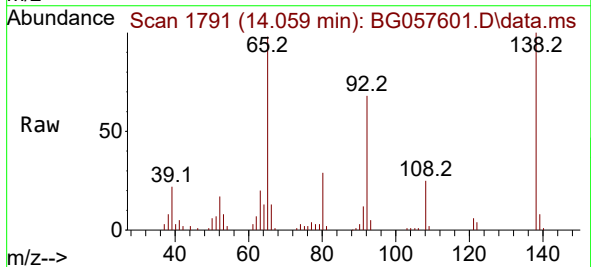
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

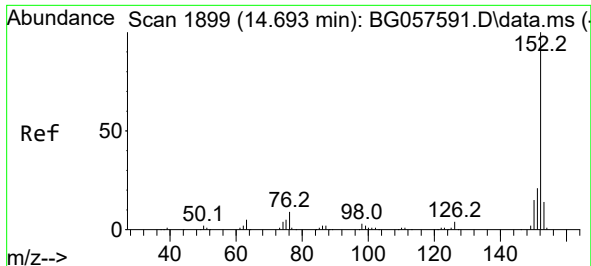
Tgt Ion:162 Resp: 146773
Ion Ratio Lower Upper
162 100
127 35.1 28.2 42.2
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 48.081 ng
RT: 14.059 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion: 65 Resp: 52920
Ion Ratio Lower Upper
65 100
92 69.0 57.3 85.9
138 102.1 84.6 127.0

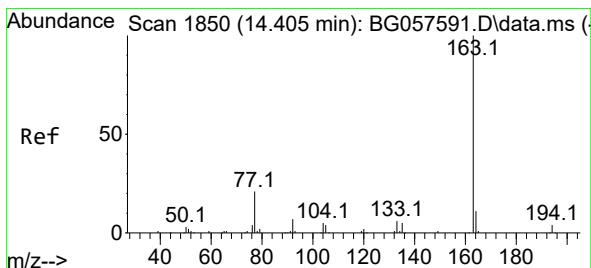
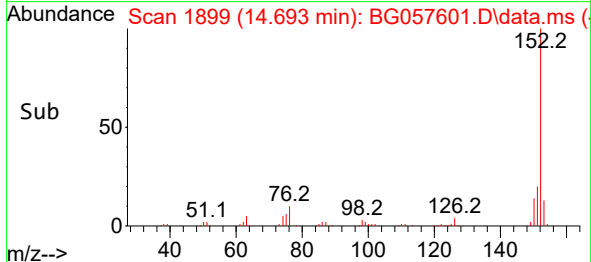
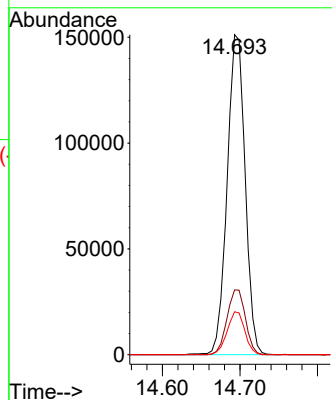
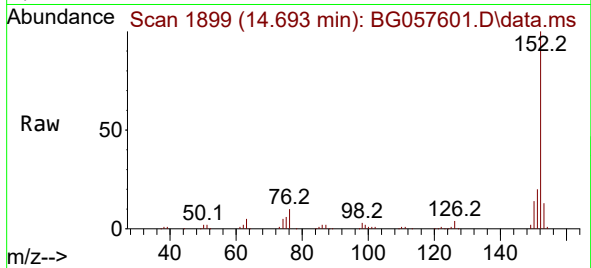




#49
Acenaphthylene
Concen: 45.744 ng
RT: 14.693 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

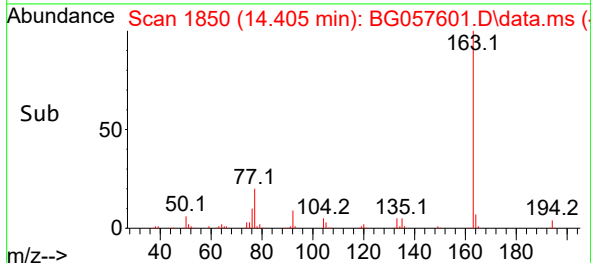
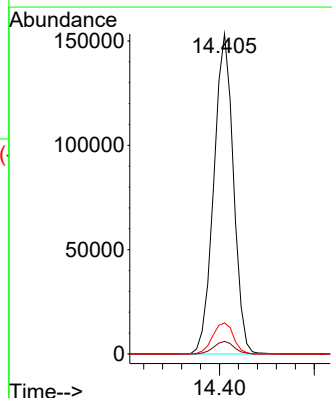
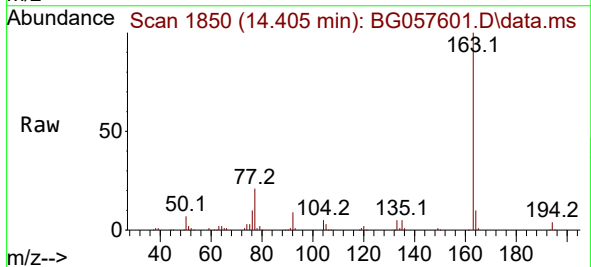
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

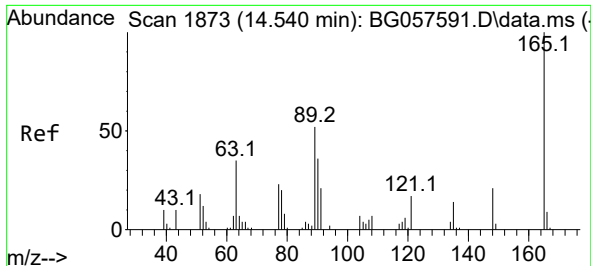
Tgt Ion:152 Resp: 243390
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 13.4 11.0 16.4



#50
Dimethylphthalate
Concen: 45.710 ng
RT: 14.405 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:163 Resp: 219890
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.7 8.5 12.7

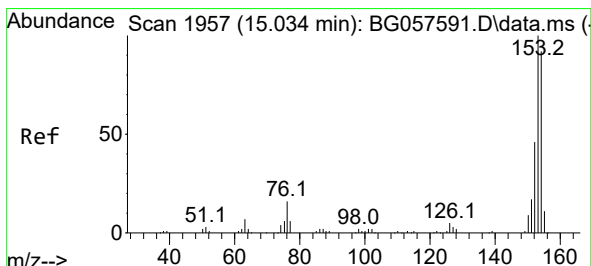
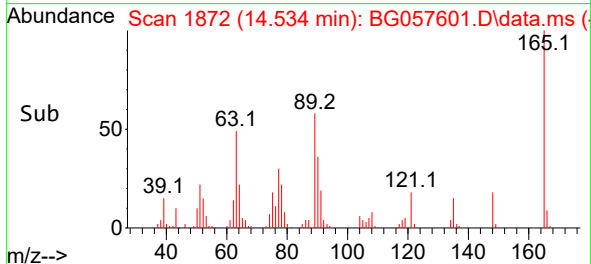
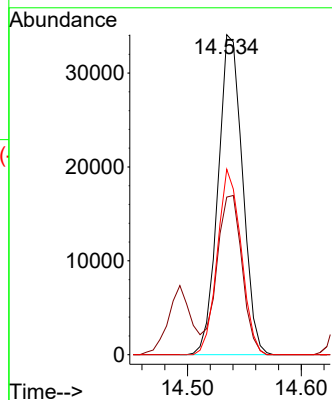
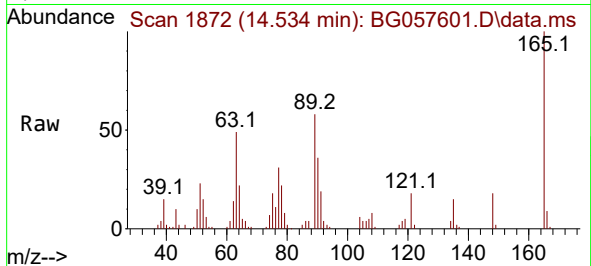




#51
2,6-Dinitrotoluene
Concen: 49.474 ng
RT: 14.534 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

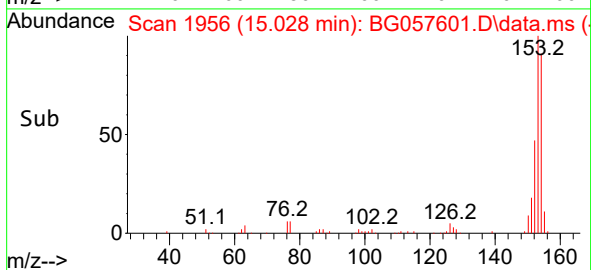
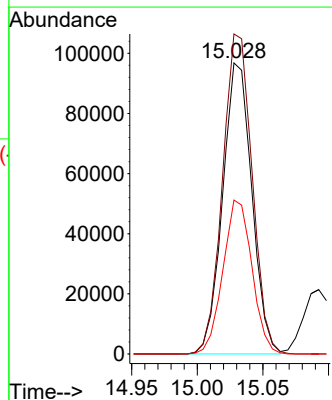
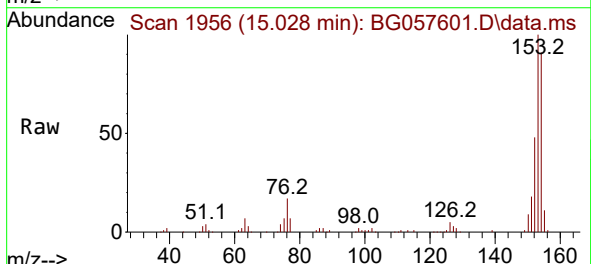
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

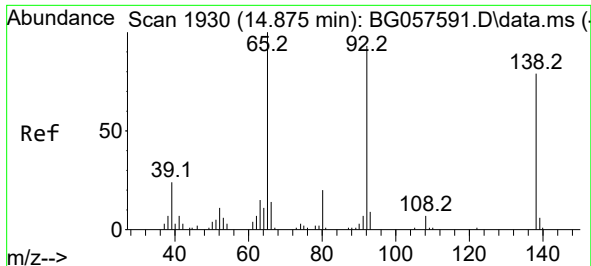
Tgt Ion:165 Resp: 50946
Ion Ratio Lower Upper
165 100
63 49.2 39.3 58.9
89 58.0 41.5 62.3



#52
Acenaphthene
Concen: 45.989 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:154 Resp: 149729
Ion Ratio Lower Upper
154 100
153 110.0 87.4 131.0
152 52.9 40.2 60.4

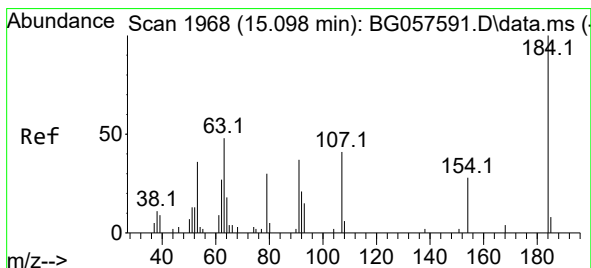
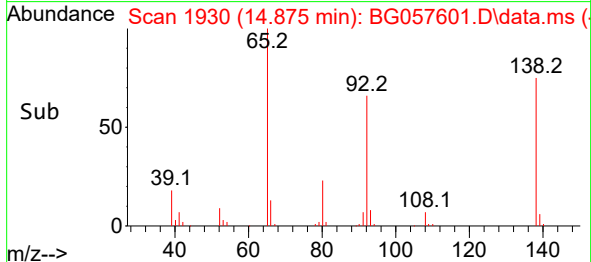
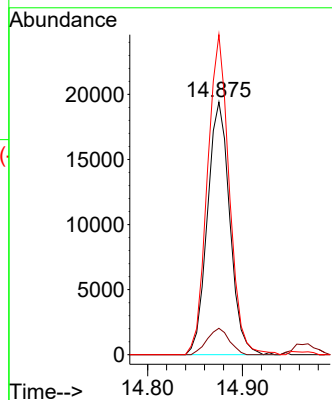
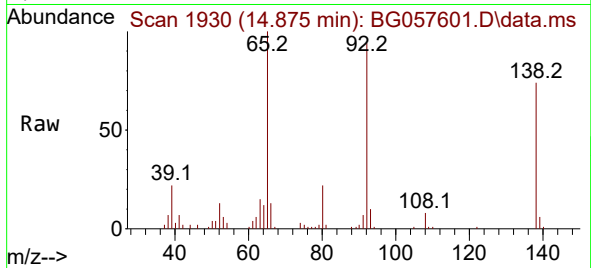




#53
3-Nitroaniline
Concen: 29.674 ng
RT: 14.875 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

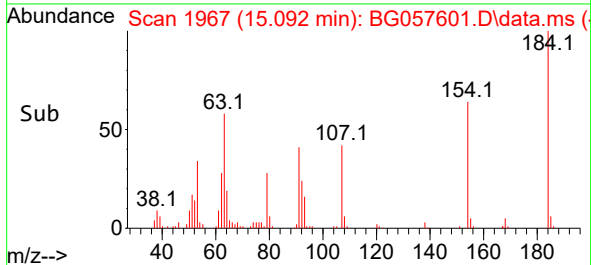
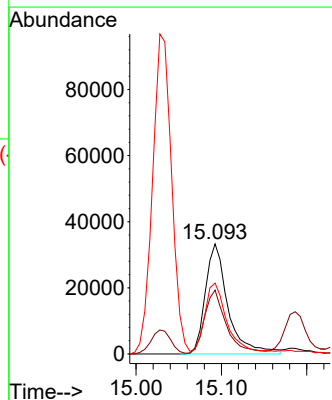
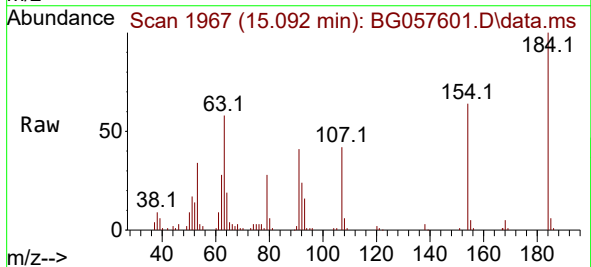
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

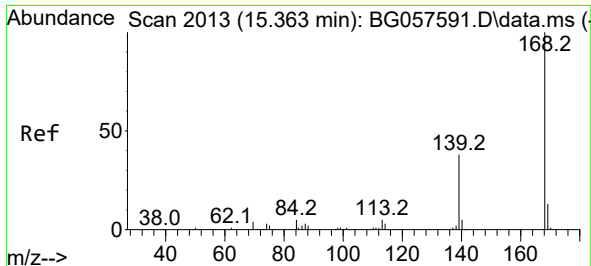
Tgt Ion:138 Resp: 31872
Ion Ratio Lower Upper
138 100
108 10.5 7.1 10.7
92 126.7 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 96.991 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:184 Resp: 61300
Ion Ratio Lower Upper
184 100
63 58.0 41.4 62.2
154 64.4 52.5 78.7

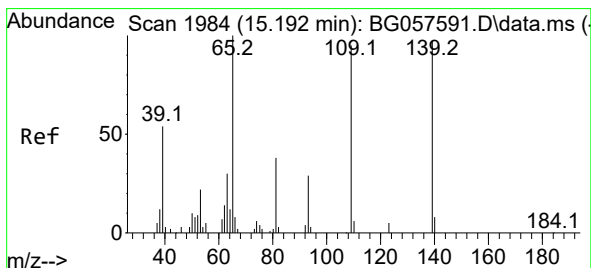
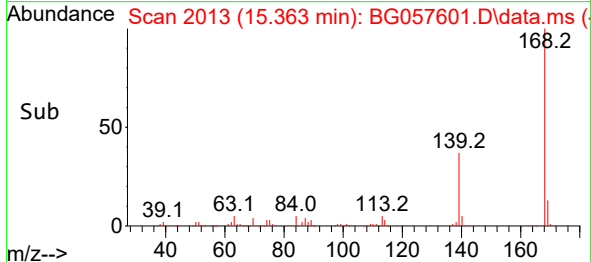
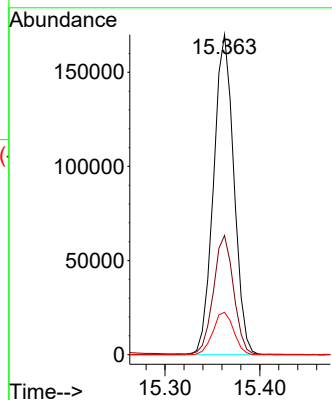
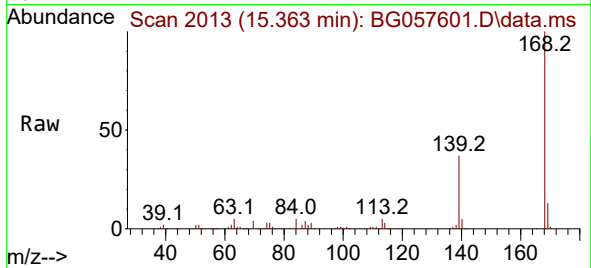




#55
Dibenzofuran
Concen: 45.468 ng
RT: 15.363 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

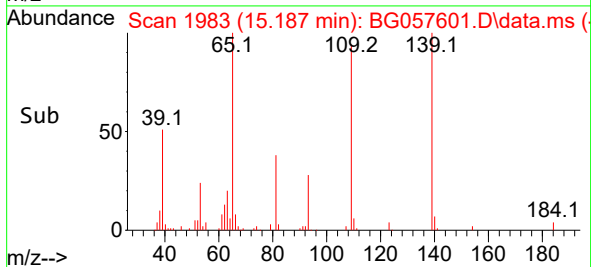
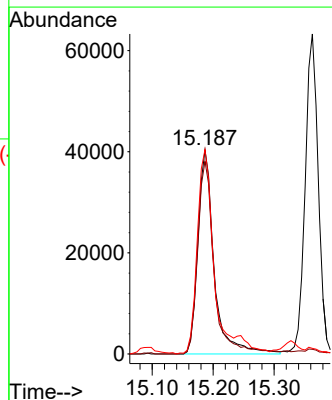
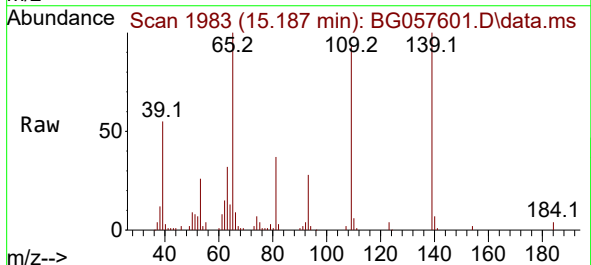
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

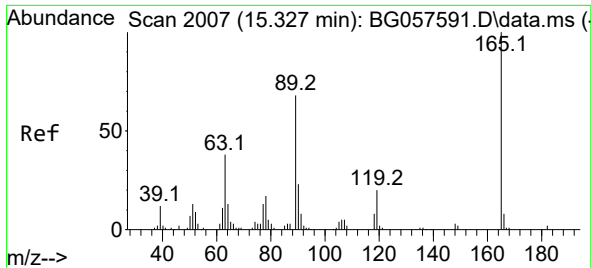
Tgt Ion:168 Resp: 252943
Ion Ratio Lower Upper
168 100
139 37.2 30.6 46.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 104.507 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.005 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:139 Resp: 74788
Ion Ratio Lower Upper
139 100
109 94.4 78.2 118.2
65 100.3 83.2 123.2

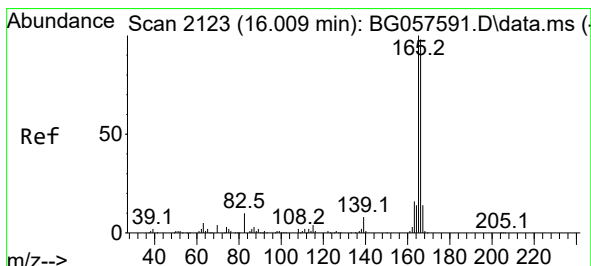
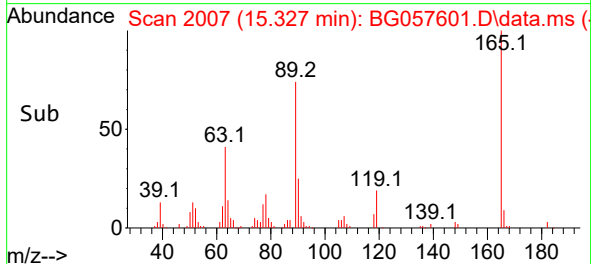
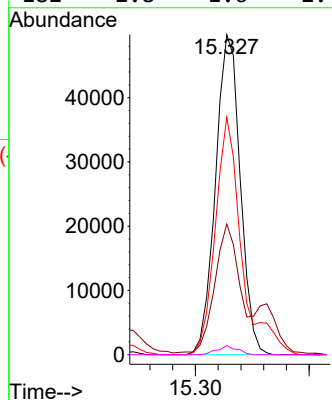
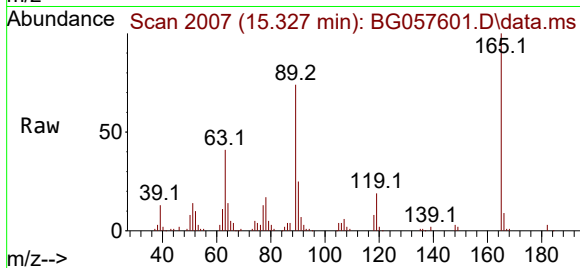




#57
2,4-Dinitrotoluene
Concen: 48.827 ng
RT: 15.327 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

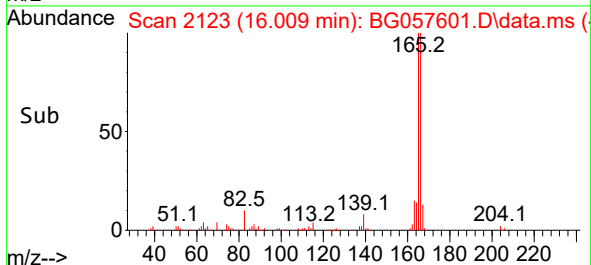
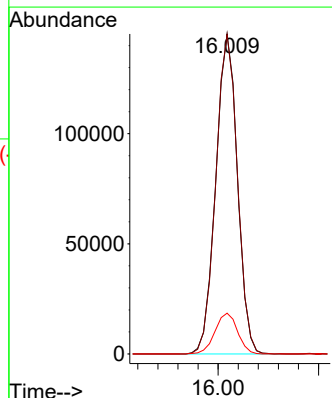
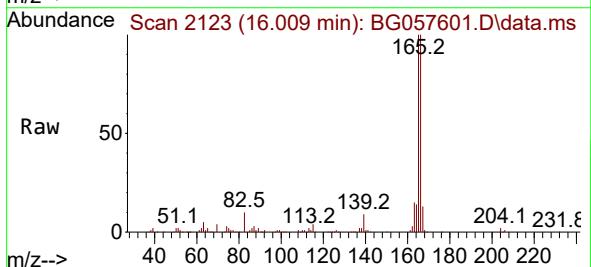
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

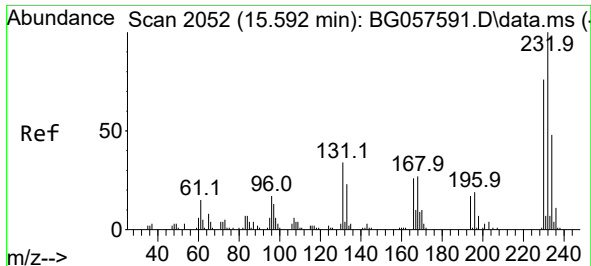
Tgt Ion:165 Resp: 75283
Ion Ratio Lower Upper
165 100
63 40.8 30.6 45.8
89 74.2 54.2 81.2
182 2.8 1.6 2.4#



#58
Fluorene
Concen: 46.157 ng
RT: 16.009 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:166 Resp: 216804
Ion Ratio Lower Upper
166 100
165 99.8 81.2 121.8
167 12.8 11.1 16.7

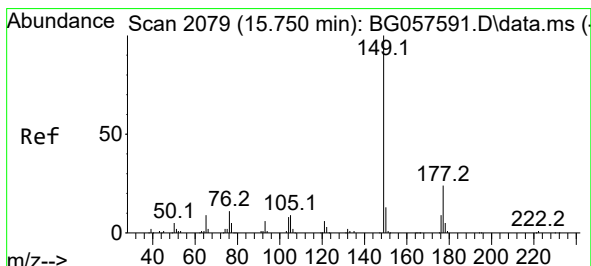
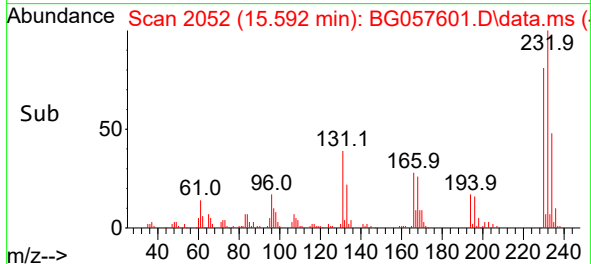
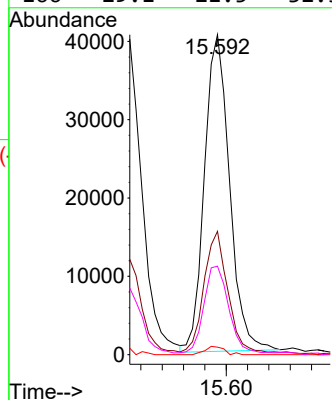
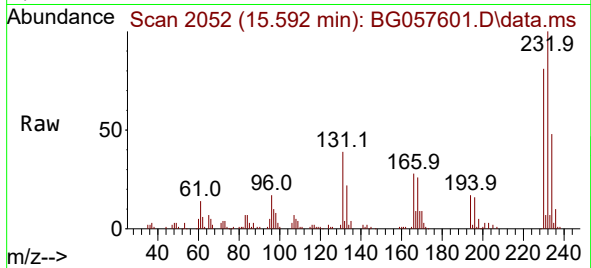




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.155 ng
RT: 15.592 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

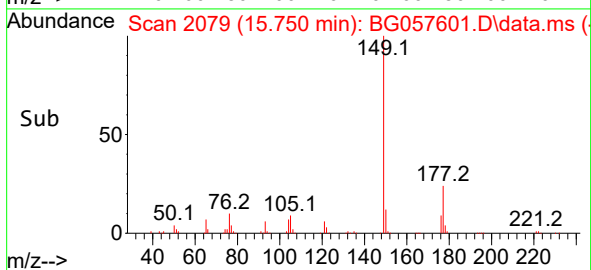
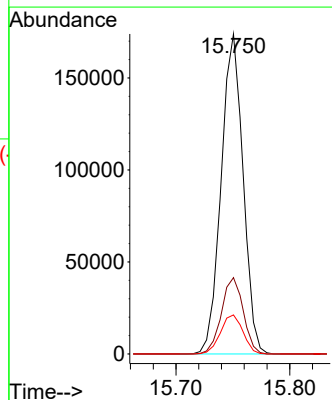
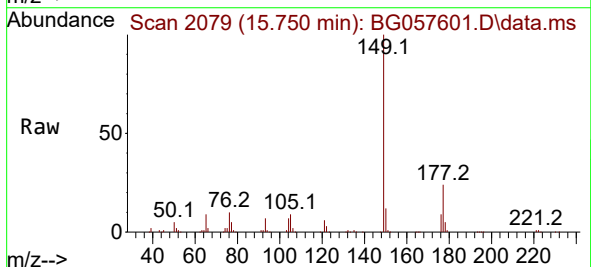
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

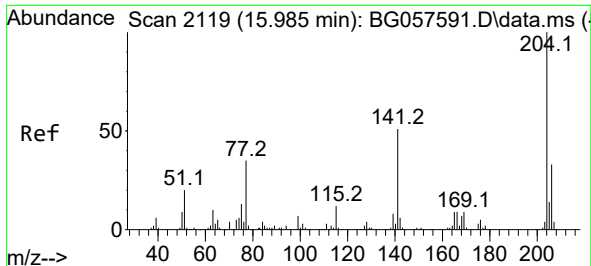
Tgt Ion:	232	Resp:	66150
Ion Ratio	Lower	Upper	
232	100		
131	38.7	28.6	43.0
130	2.0	1.8	2.6
166	29.1	21.5	32.3



#60
Diethylphthalate
Concen: 46.309 ng
RT: 15.750 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:	149	Resp:	232516
Ion Ratio	Lower	Upper	
149	100		
177	23.8	19.0	28.6
150	12.2	10.1	15.1

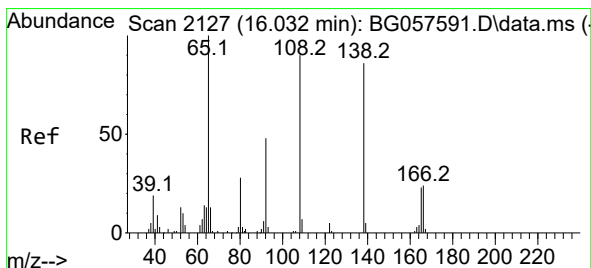
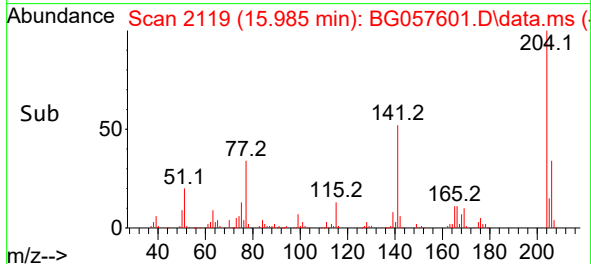
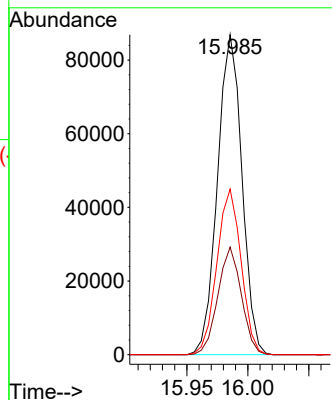
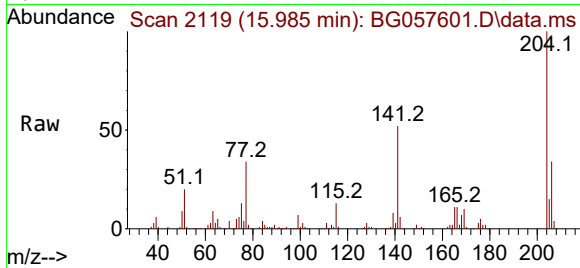




#61
4-Chlorophenyl-phenylether
Concen: 46.358 ng
RT: 15.985 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

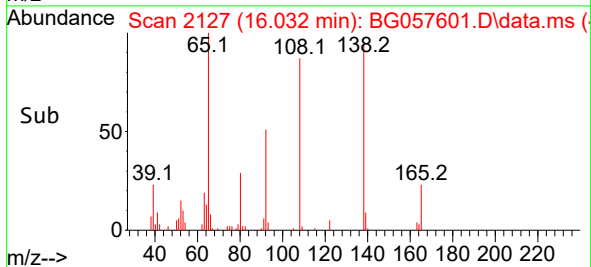
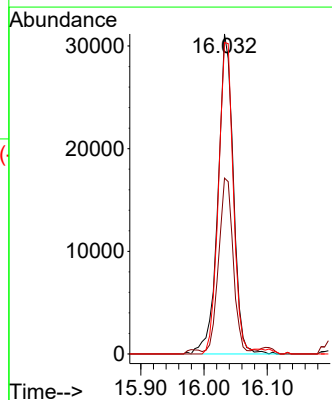
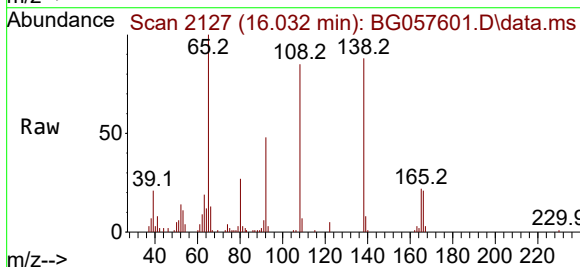
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

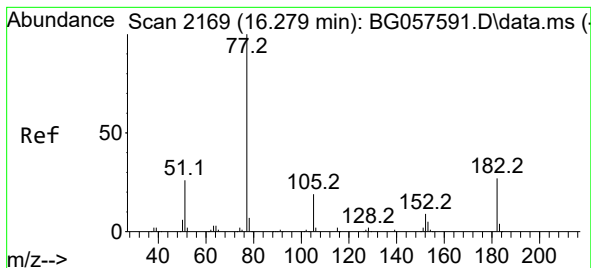
Tgt Ion:204 Resp: 121353
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 51.7 40.8 61.2



#62
4-Nitroaniline
Concen: 45.380 ng
RT: 16.032 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:138 Resp: 52578
Ion Ratio Lower Upper
138 100
92 54.9 36.4 76.4
108 97.3 85.4 125.4





#63

Azobenzene

Concen: 46.371 ng

RT: 16.279 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BG057601.D

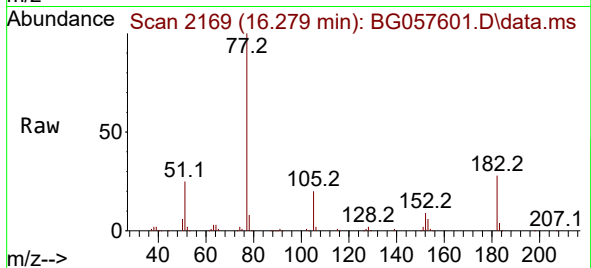
Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD



Tgt Ion: 77 Resp: 207061

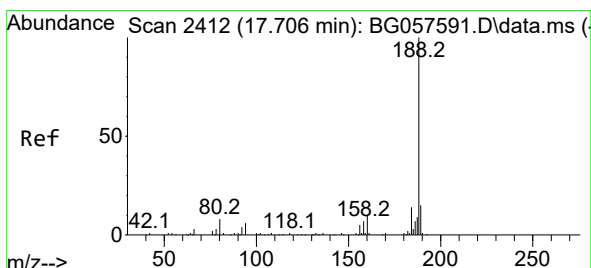
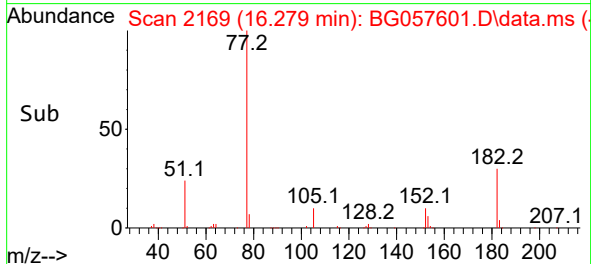
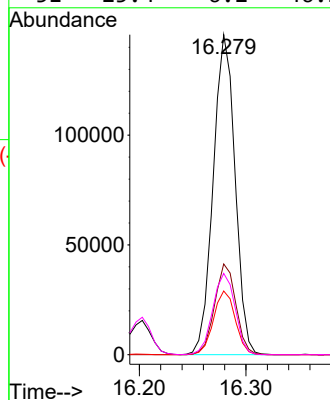
Ion Ratio Lower Upper

77 100

182 28.3 7.4 47.4

105 19.9 0.0 39.4

51 25.4 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

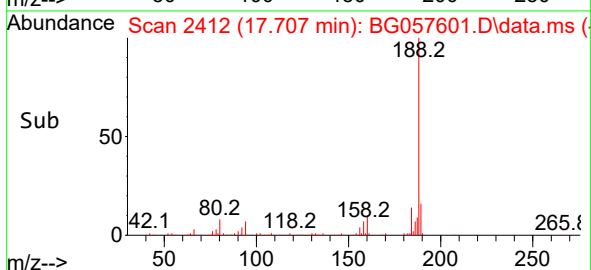
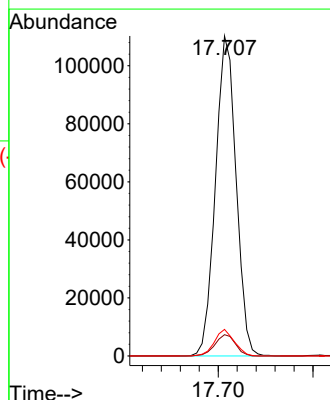
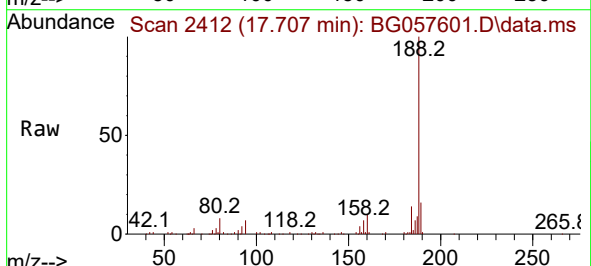
Tgt Ion:188 Resp: 166817

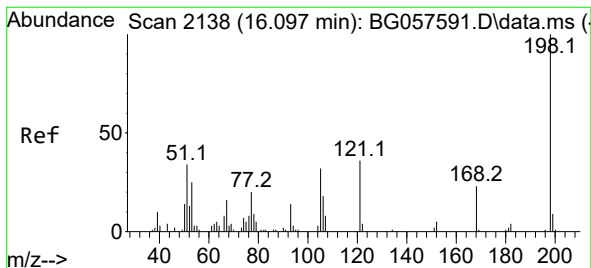
Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

80 8.3 6.7 10.1

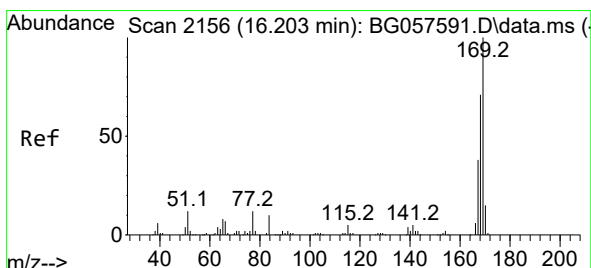
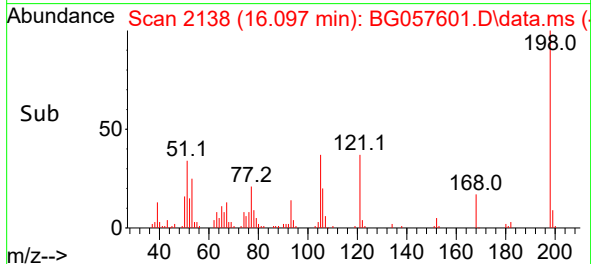
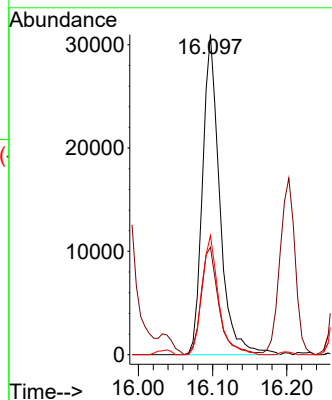
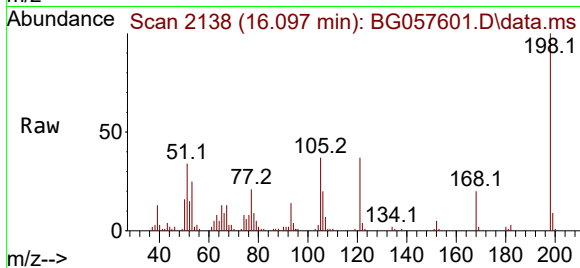




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.182 ng
 RT: 16.097 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: BG057601.D
 Acq: 27 May 2023 2:44

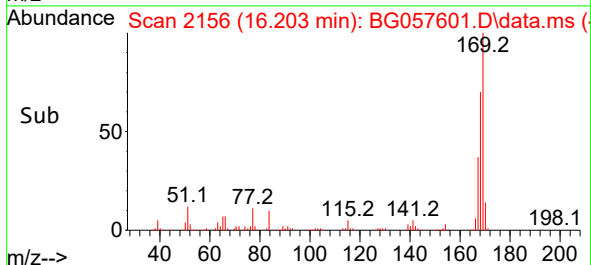
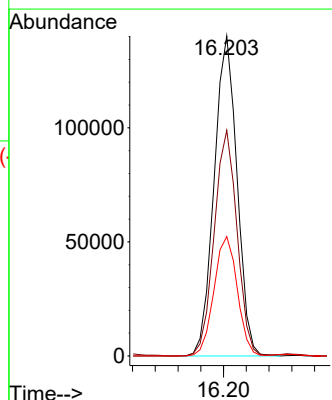
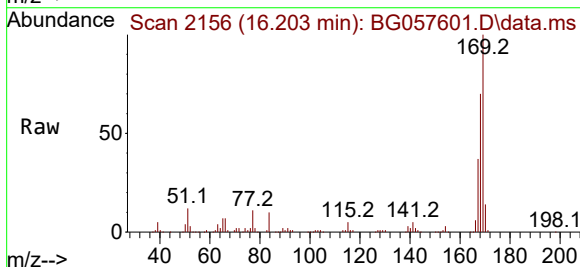
Instrument :
 BNA_G
 ClientSampleId :
 PB153078BSD

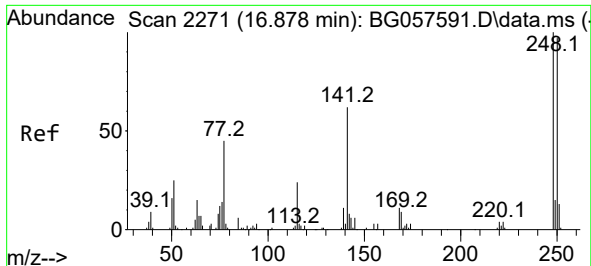
Tgt Ion:198 Resp: 49955
 Ion Ratio Lower Upper
 198 100
 51 33.6 14.9 54.9
 105 37.3 11.8 51.8



#66
 n-Nitrosodiphenylamine
 Concen: 45.217 ng
 RT: 16.203 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: BG057601.D
 Acq: 27 May 2023 2:44

Tgt Ion:169 Resp: 196054
 Ion Ratio Lower Upper
 169 100
 168 70.5 56.7 85.1
 167 37.3 30.7 46.1

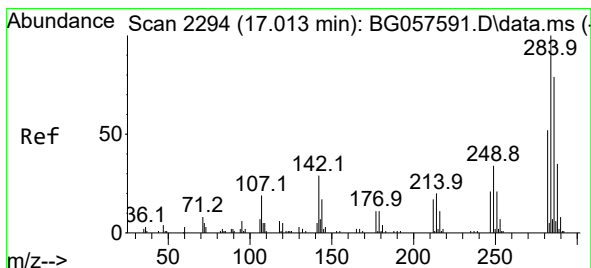
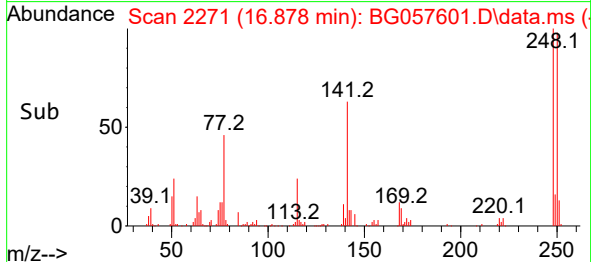
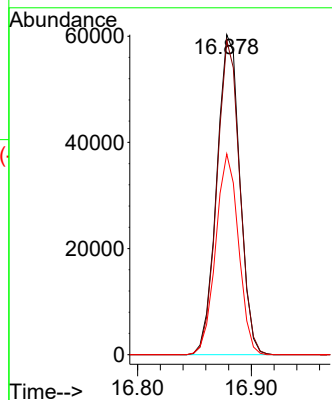
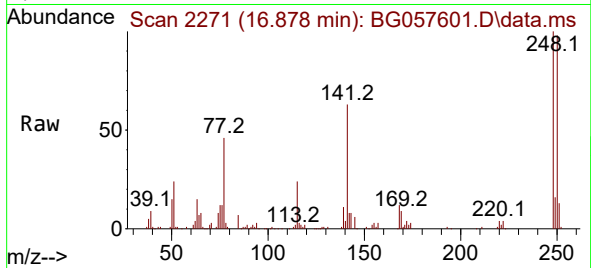




#67
4-Bromophenyl-phenylether
Concen: 45.529 ng
RT: 16.878 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

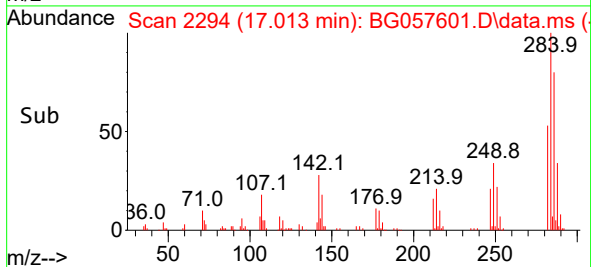
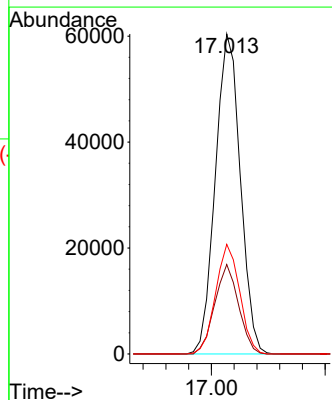
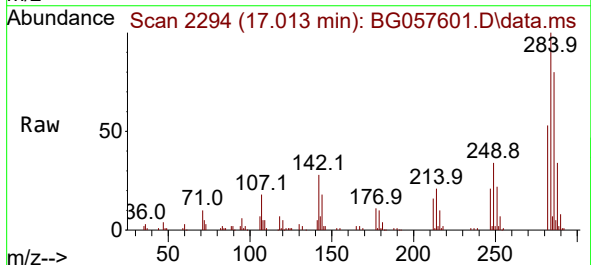
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

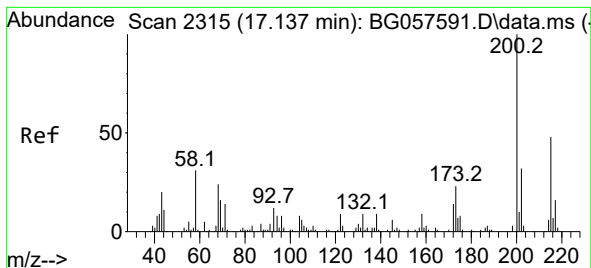
Tgt Ion:248 Resp: 85196
Ion Ratio Lower Upper
248 100
250 98.2 77.4 116.2
141 62.8 49.4 74.0



#68
Hexachlorobenzene
Concen: 47.705 ng
RT: 17.013 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:284 Resp: 92017
Ion Ratio Lower Upper
284 100
142 27.9 22.9 34.3
249 34.3 27.0 40.4





#69

Atrazine

Concen: 50.356 ng

RT: 17.137 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

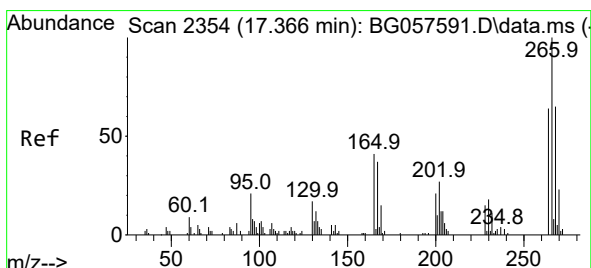
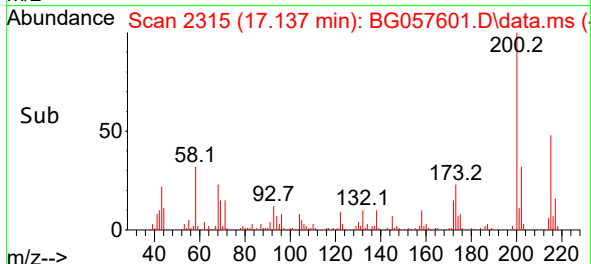
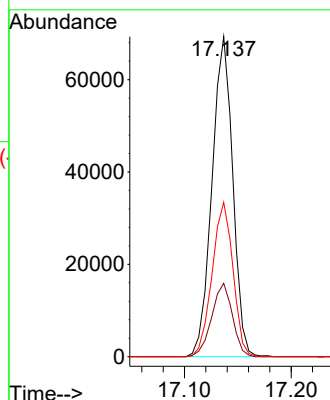
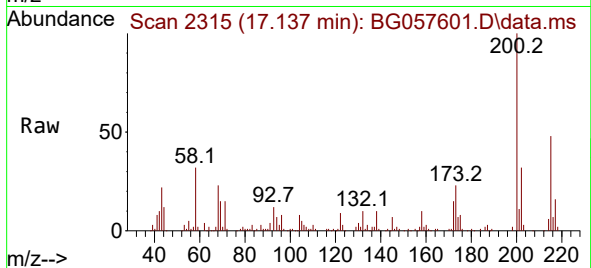
Tgt Ion:200 Resp: 93738

Ion Ratio Lower Upper

200 100

173 22.9 3.2 43.2

215 48.2 28.4 68.4



#70

Pentachlorophenol

Concen: 89.422 ng

RT: 17.360 min Scan# 2353

Delta R.T. -0.006 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

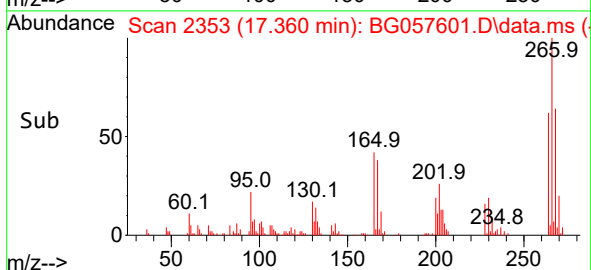
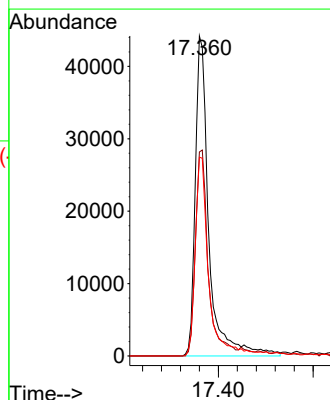
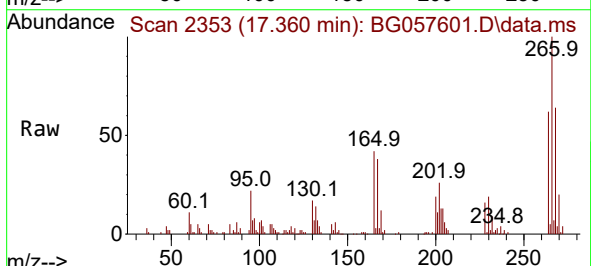
Tgt Ion:266 Resp: 87887

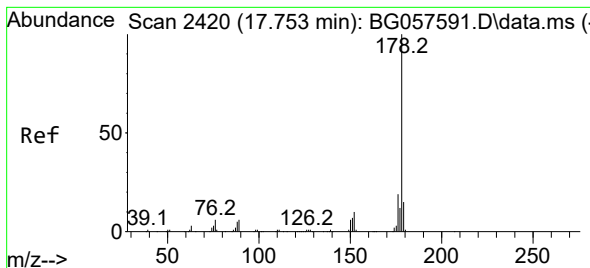
Ion Ratio Lower Upper

266 100

268 63.8 52.2 78.4

264 62.1 51.2 76.8





#71

Phenanthrene

Concen: 45.807 ng

RT: 17.754 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

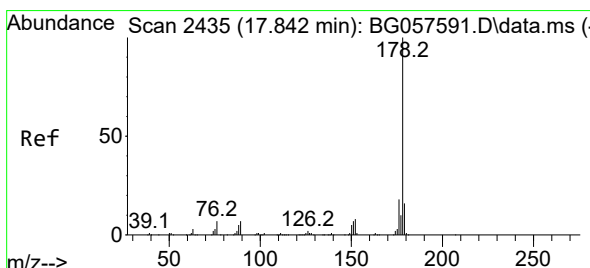
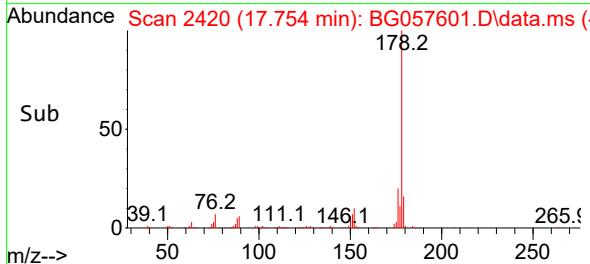
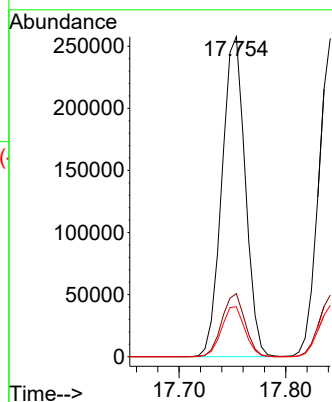
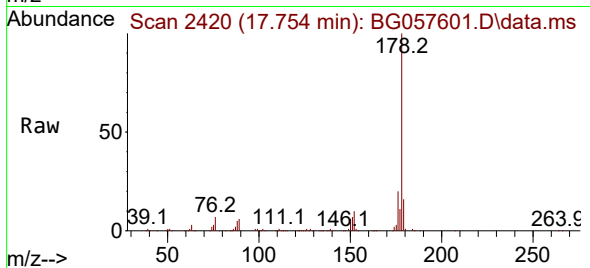
Tgt Ion:178 Resp: 391040

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

179 15.6 12.0 18.0



#72

Anthracene

Concen: 45.125 ng

RT: 17.842 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

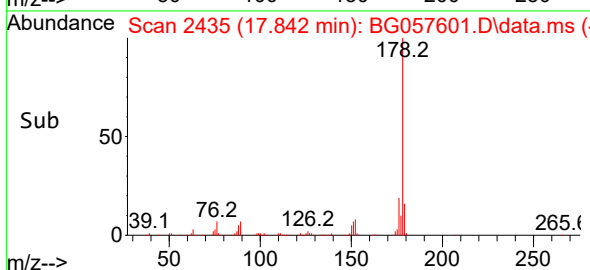
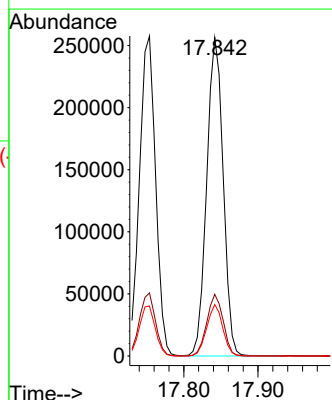
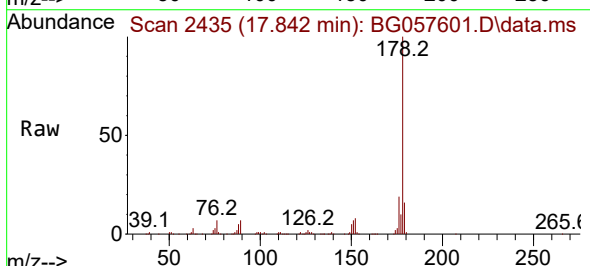
Tgt Ion:178 Resp: 395181

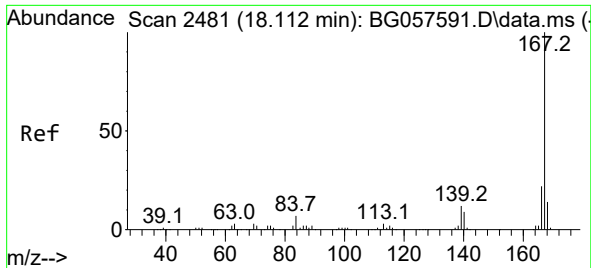
Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

179 16.1 12.6 18.8

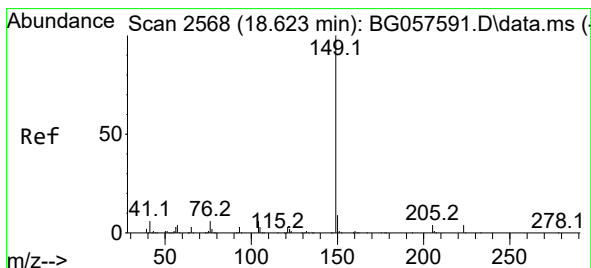
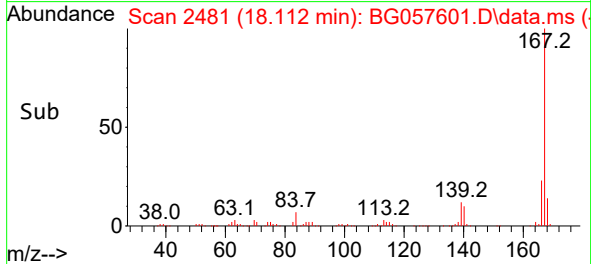
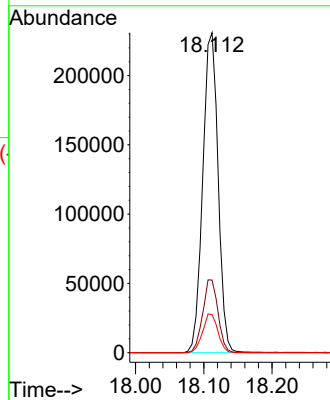
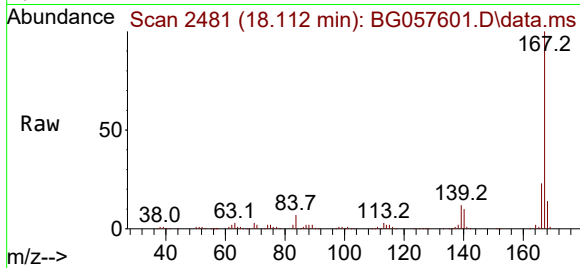




#73
 Carbazole
 Concen: 46.113 ng
 RT: 18.112 min Scan# 2481
 Delta R.T. 0.000 min
 Lab File: BG057601.D
 Acq: 27 May 2023 2:44

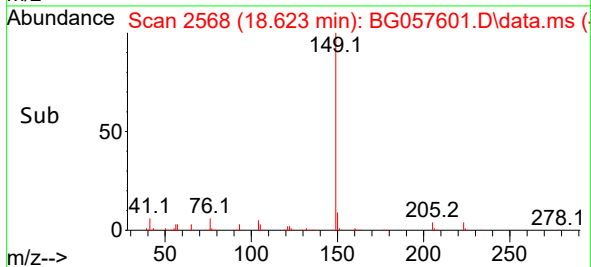
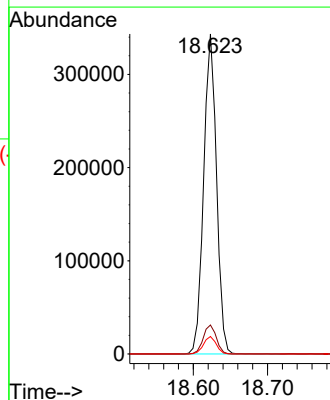
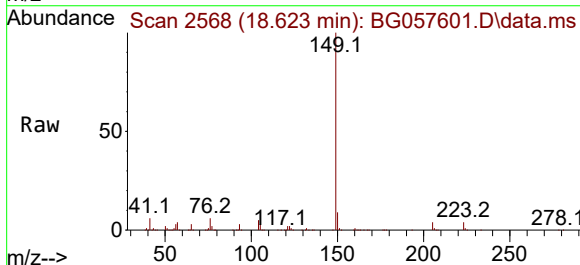
Instrument :
 BNA_G
 ClientSampleId :
 PB153078BSD

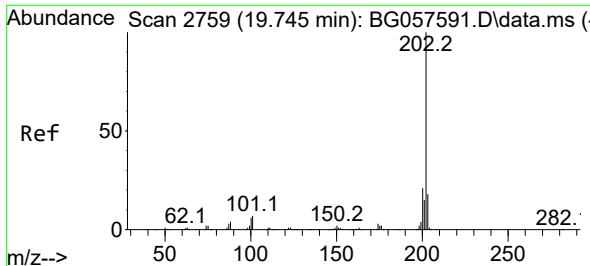
Tgt Ion:167 Resp: 361265
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 11.9 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 44.390 ng
 RT: 18.623 min Scan# 2568
 Delta R.T. 0.000 min
 Lab File: BG057601.D
 Acq: 27 May 2023 2:44

Tgt Ion:149 Resp: 412844
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.4 4.6 6.8

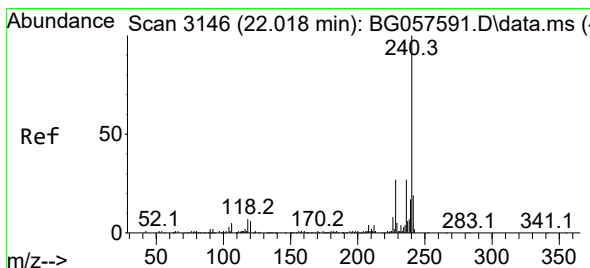
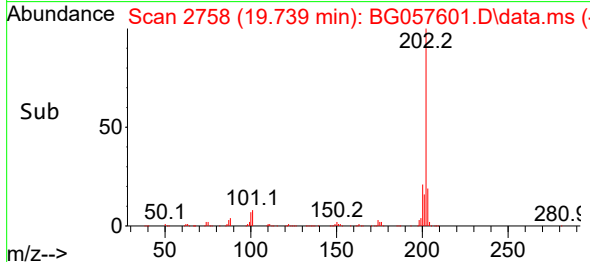
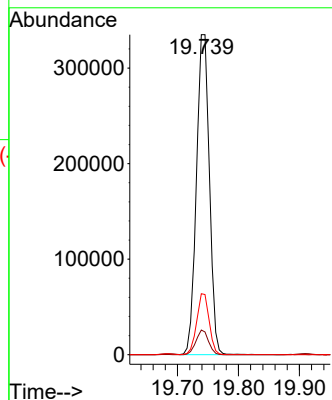
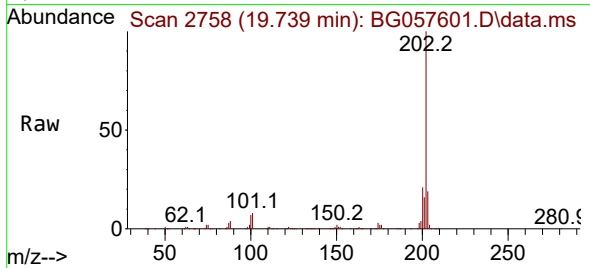




#75
Fluoranthene
Concen: 44.639 ng
RT: 19.739 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

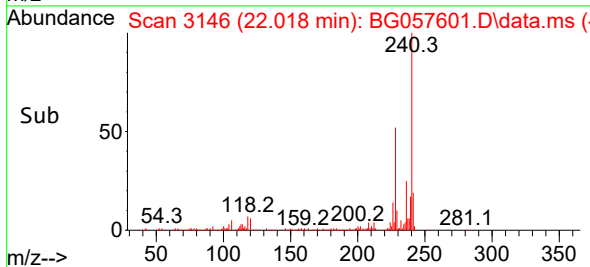
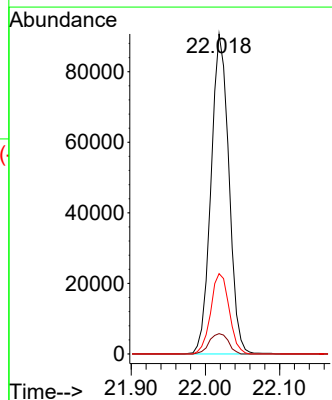
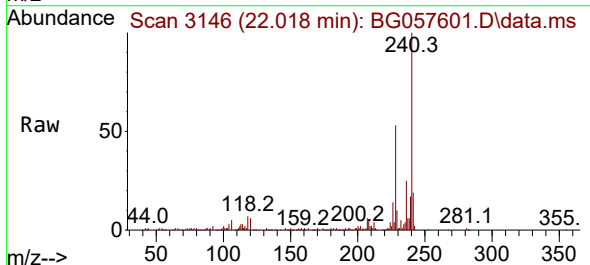
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

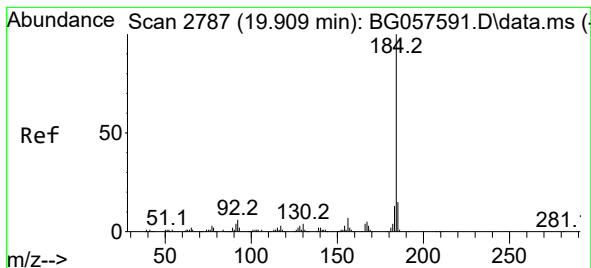
Tgt Ion:202 Resp: 494700
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.5
203 19.0 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:240 Resp: 151527
Ion Ratio Lower Upper
240 100
120 6.3 5.2 7.8
236 25.1 21.4 32.0





#77

Benzidine

Concen: 56.310 ng

RT: 19.910 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

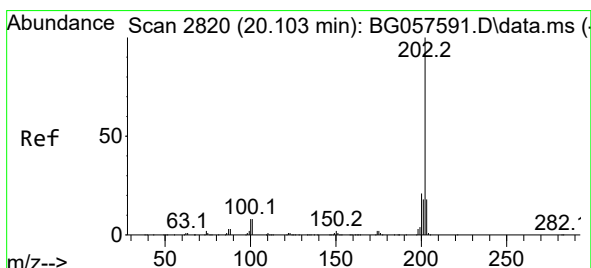
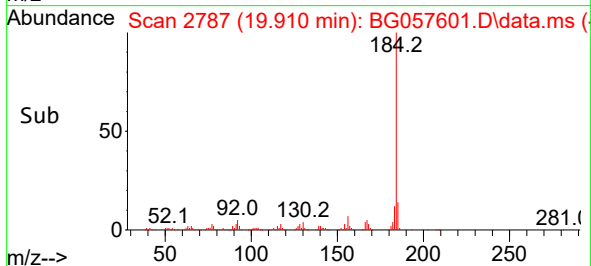
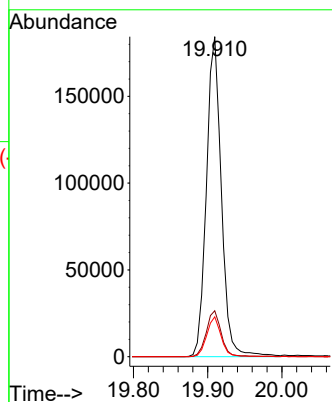
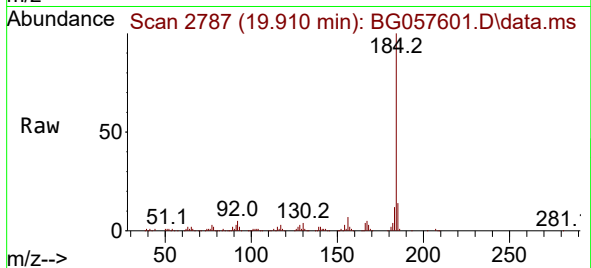
Tgt Ion:184 Resp: 258195

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 12.4 10.0 15.0



#78

Pyrene

Concen: 46.243 ng

RT: 20.103 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

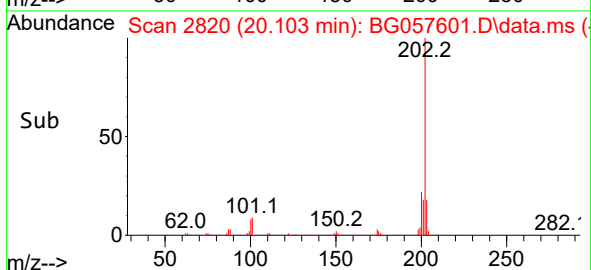
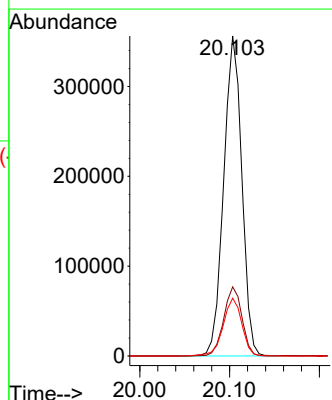
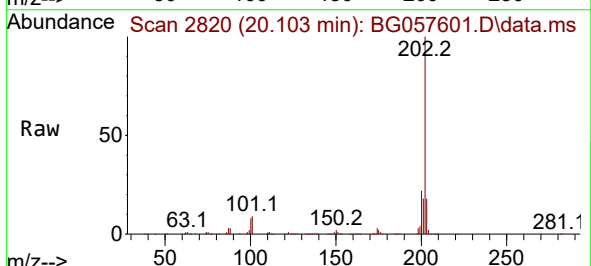
Tgt Ion:202 Resp: 498919

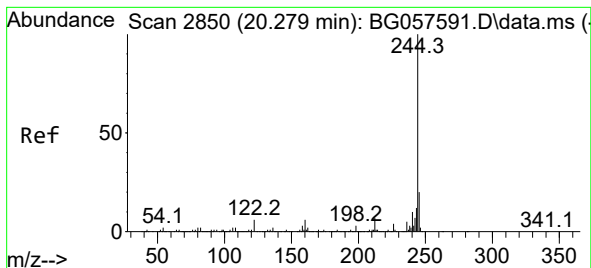
Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

203 18.1 14.5 21.7





#79

Terphenyl-d14

Concen: 94.943 ng

RT: 20.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

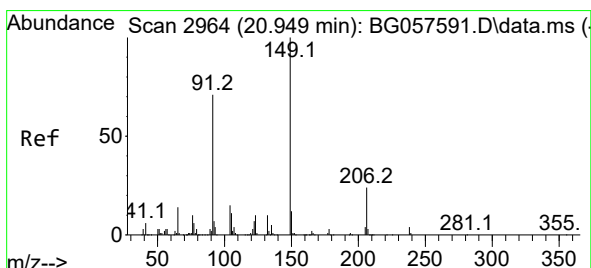
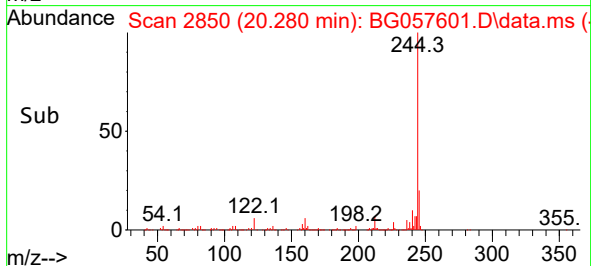
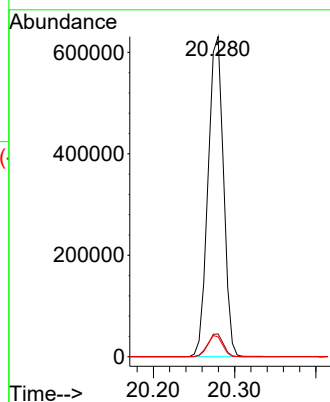
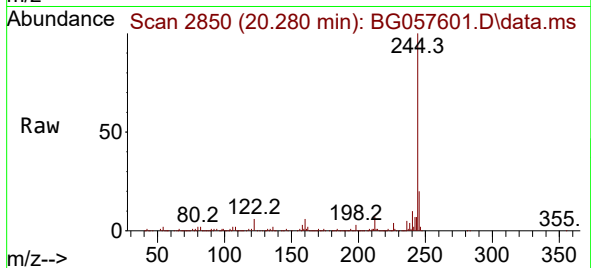
Tgt Ion:244 Resp: 830517

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 6.2 4.8 7.2



#80

Butylbenzylphthalate

Concen: 46.259 ng

RT: 20.949 min Scan# 2964

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

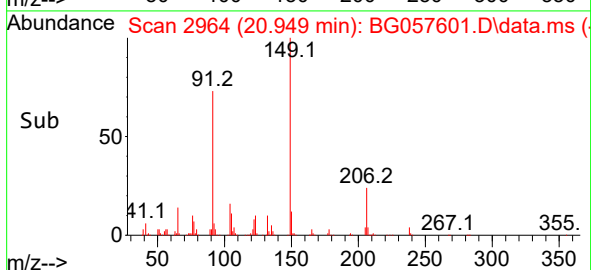
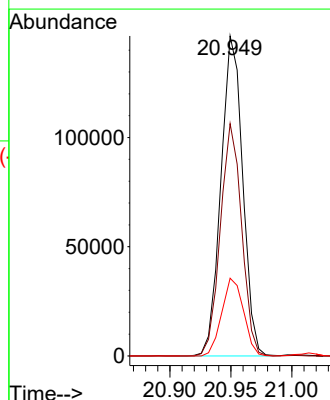
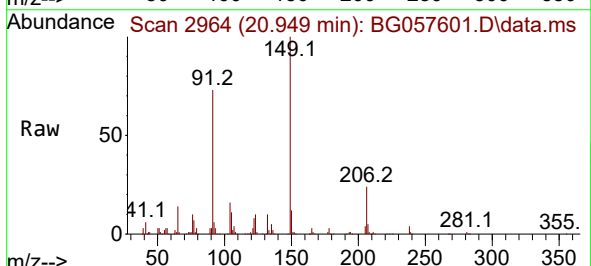
Tgt Ion:149 Resp: 181767

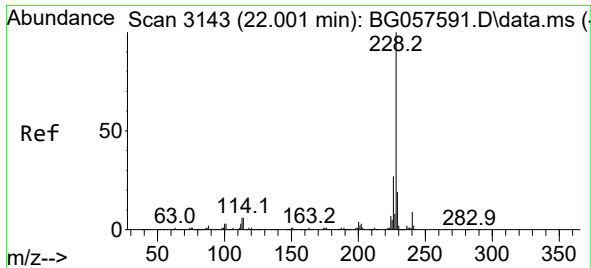
Ion Ratio Lower Upper

149 100

91 72.6 57.0 85.6

206 24.3 19.4 29.2

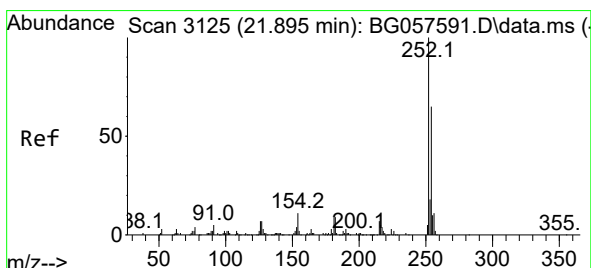
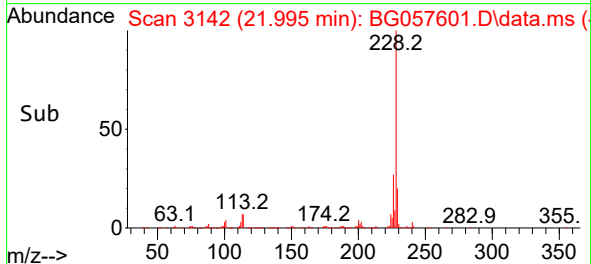
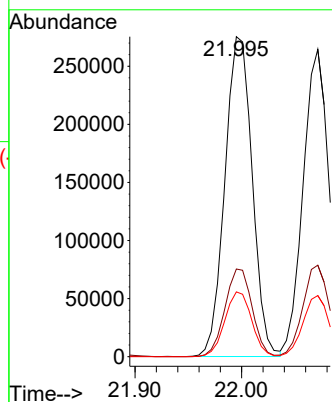
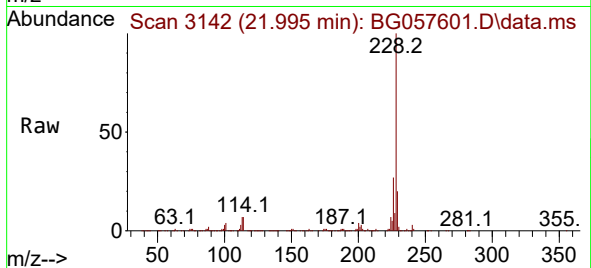




#81
Benzo(a)anthracene
Concen: 46.674 ng
RT: 21.995 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

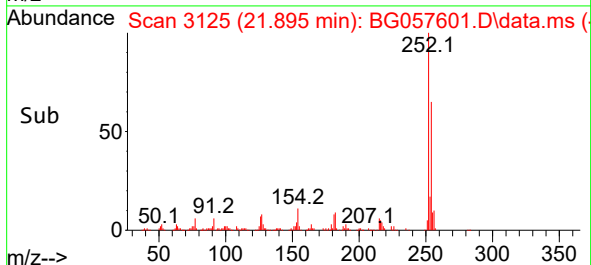
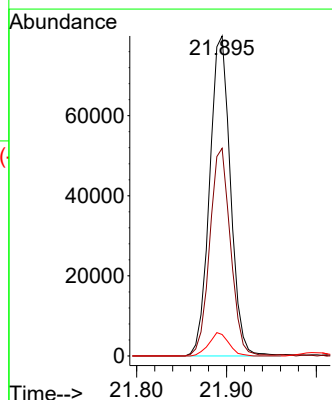
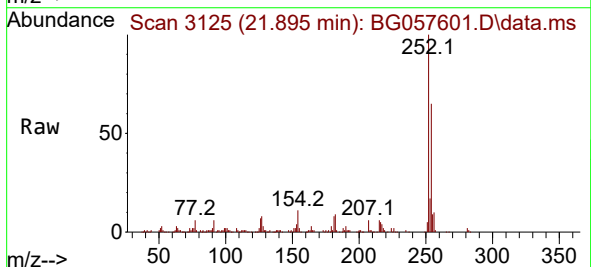
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

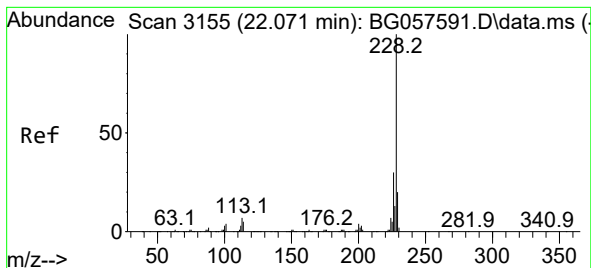
Tgt Ion:228 Resp: 490657
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.2 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 33.160 ng
RT: 21.895 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:252 Resp: 128548
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.8
126 6.7 5.4 8.2





#83

Chrysene

Concen: 44.771 ng

RT: 22.071 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

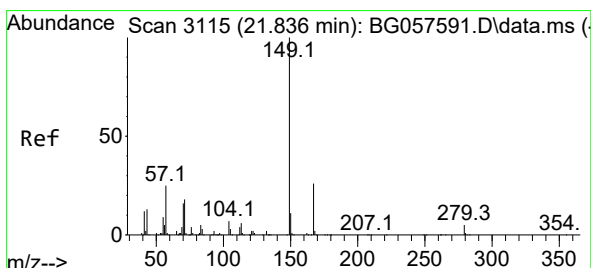
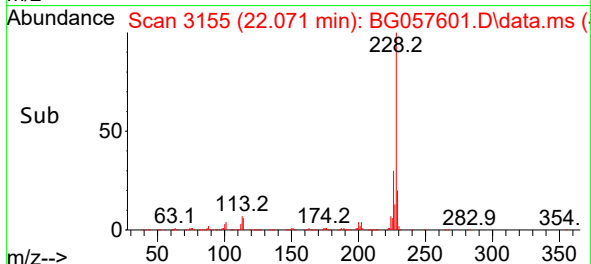
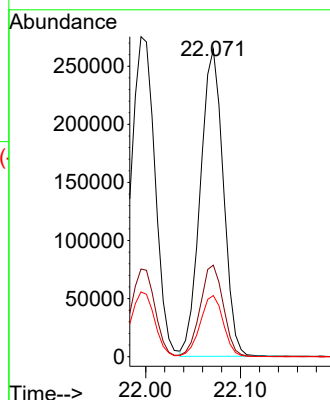
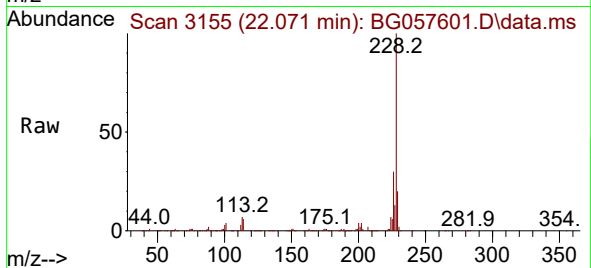
Tgt Ion:228 Resp: 444773

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.562 ng

RT: 21.836 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

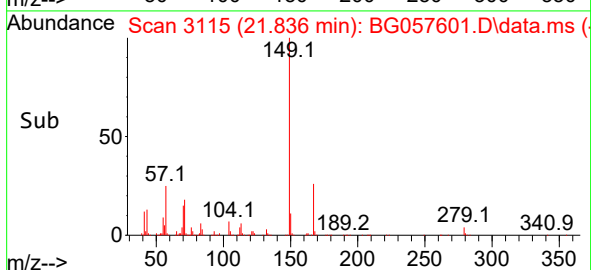
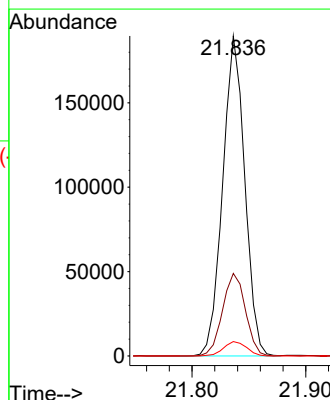
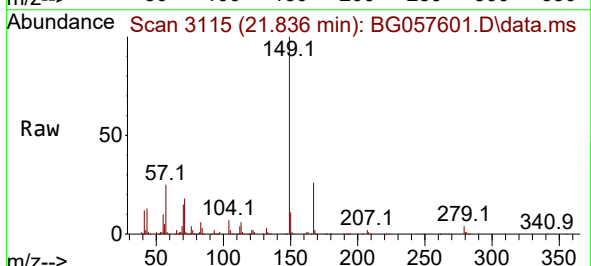
Tgt Ion:149 Resp: 255372

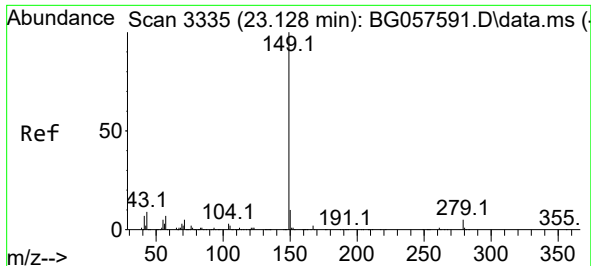
Ion Ratio Lower Upper

149 100

167 25.8 20.6 31.0

279 4.5 3.6 5.4

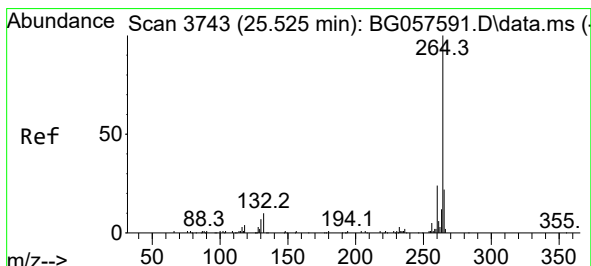
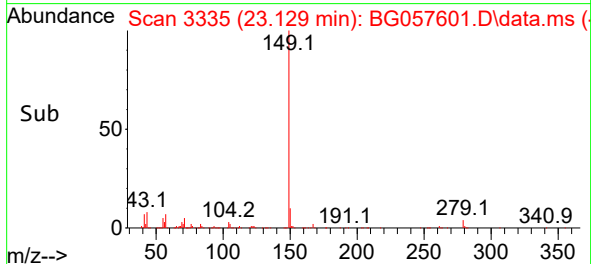
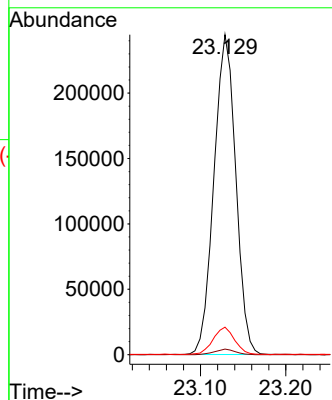
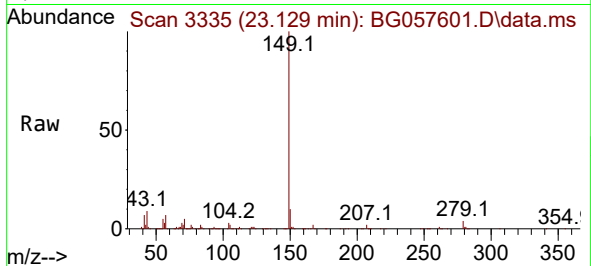




#85
Di-n-octyl phthalate
Concen: 46.677 ng
RT: 23.129 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

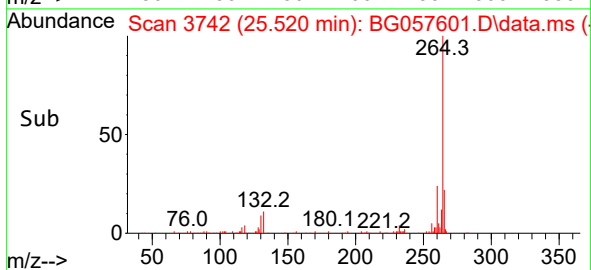
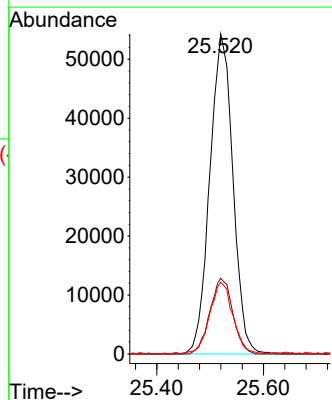
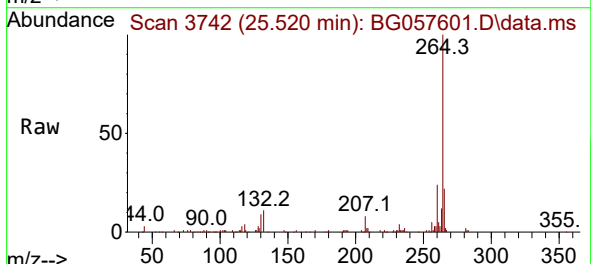
Instrument :
BNA_G
ClientSampleId :
PB153078BSD

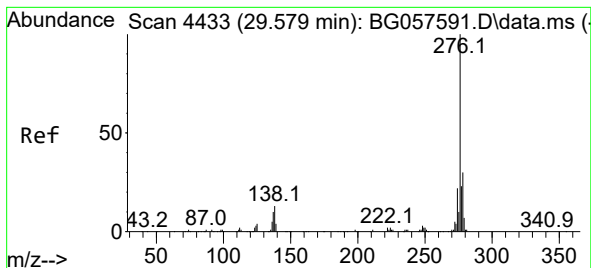
Tgt Ion:149 Resp: 433652
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.520 min Scan# 3742
Delta R.T. -0.006 min
Lab File: BG057601.D
Acq: 27 May 2023 2:44

Tgt Ion:264 Resp: 163408
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 22.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.004 ng

RT: 29.591 min Scan# 4435

Delta R.T. 0.012 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

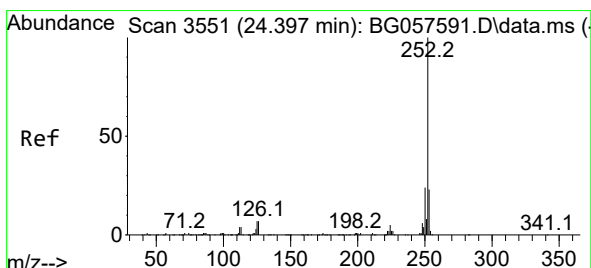
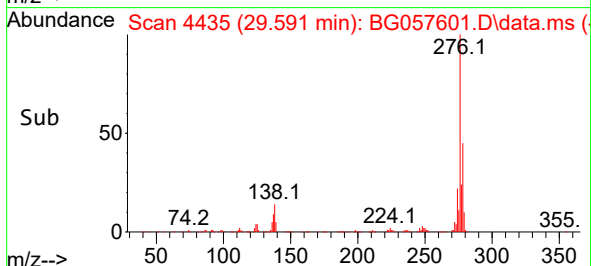
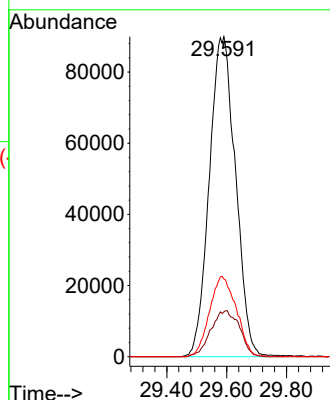
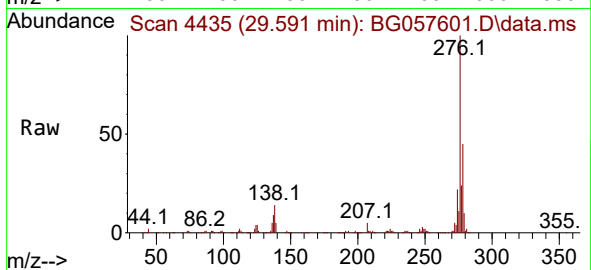
Tgt Ion:276 Resp: 546908

Ion Ratio Lower Upper

276 100

138 15.7 12.3 18.5

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 49.008 ng

RT: 24.403 min Scan# 3552

Delta R.T. 0.006 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

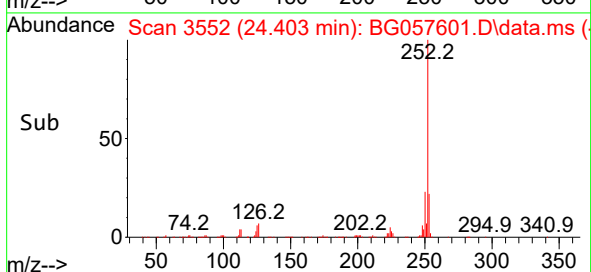
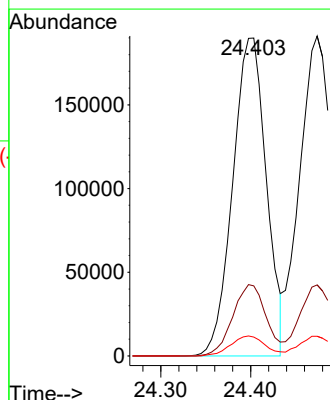
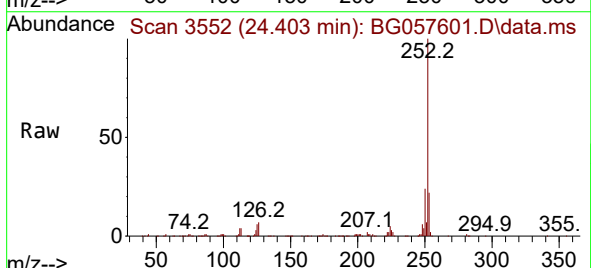
Tgt Ion:252 Resp: 492931

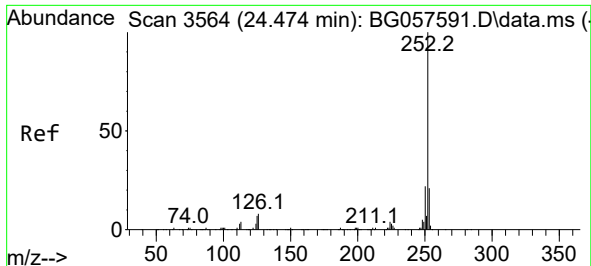
Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

125 6.0 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 48.044 ng

RT: 24.474 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

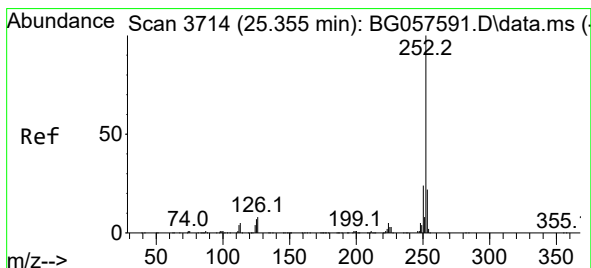
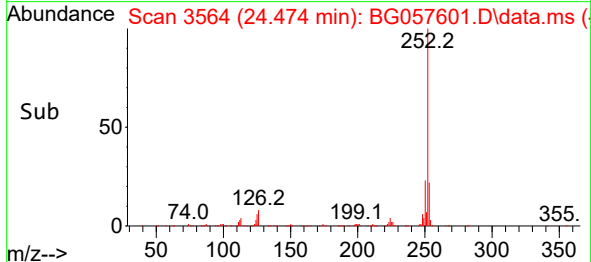
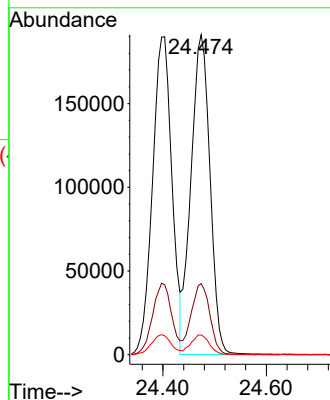
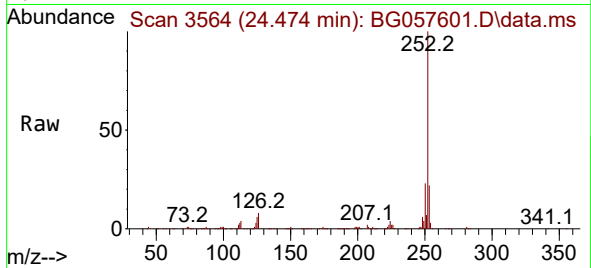
Tgt Ion:252 Resp: 487693

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 6.1 5.1 7.7



#90

Benzo(a)pyrene

Concen: 44.384 ng

RT: 25.355 min Scan# 3714

Delta R.T. 0.000 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

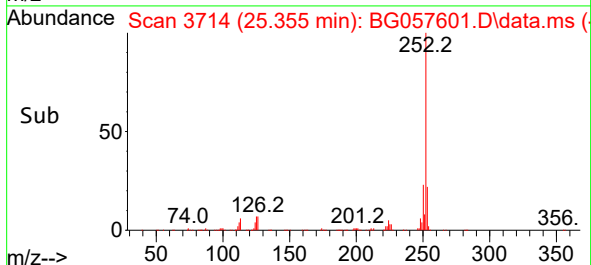
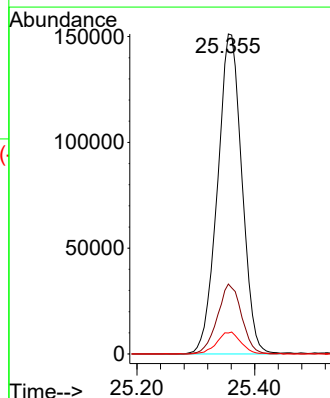
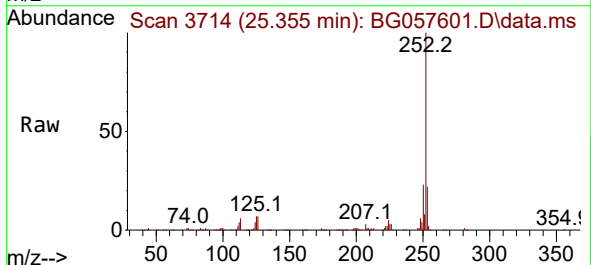
Tgt Ion:252 Resp: 435361

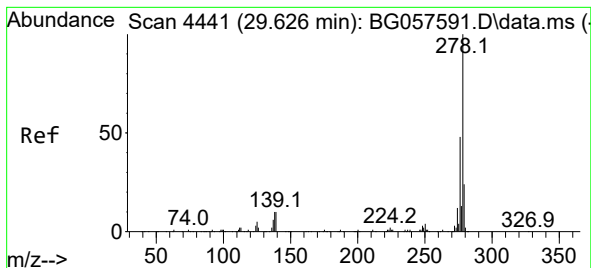
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 6.6 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 47.949 ng

RT: 29.632 min Scan# 4442

Delta R.T. 0.006 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Instrument :

BNA_G

ClientSampleId :

PB153078BSD

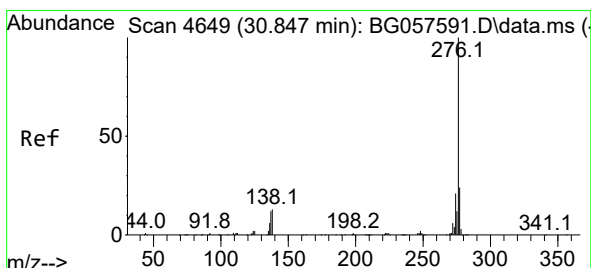
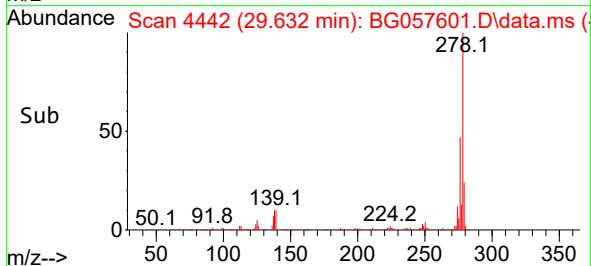
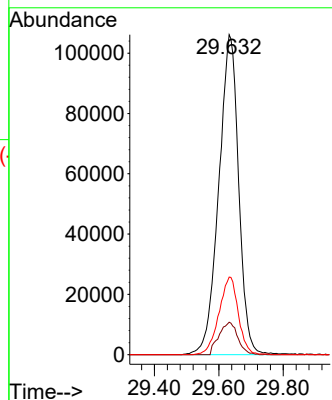
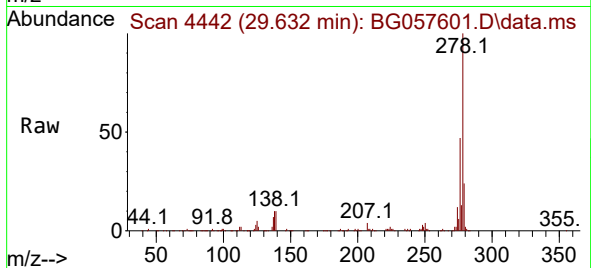
Tgt Ion:278 Resp: 454639

Ion Ratio Lower Upper

278 100

139 10.2 7.8 11.8

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 47.714 ng

RT: 30.859 min Scan# 4651

Delta R.T. 0.012 min

Lab File: BG057601.D

Acq: 27 May 2023 2:44

Tgt Ion:276 Resp: 441220

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 12.5 10.2 15.4

