

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057600.D
 Acq On : 27 May 2023 2:02
 Operator : CG/JU
 Sample : PB153078BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153078BS

Quant Time: May 27 02:40:14 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	8.343	152	16713	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	74474	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	62088	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	172544	20.000	ng	0.00
76) Chrysene-d12	22.018	240	157116	20.000	ng	0.00
86) Perylene-d12	25.520	264	170715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	150462	156.404	ng	0.00
7) Phenol-d6	7.491	99	230320	152.983	ng	0.00
23) Nitrobenzene-d5	9.530	82	139431	87.519	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	135142	135.952	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	368641	85.327	ng	0.00
79) Terphenyl-d14	20.280	244	865991	95.477	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	14511	36.407	ng	97
3) Pyridine	4.078	79	40860	33.532	ng	99
4) n-Nitrosodimethylamine	3.990	42	22102	44.828	ng	94
6) Aniline	7.661	93	71596	39.310	ng	97
8) 2-Chlorophenol	7.908	128	56197	54.413	ng	95
9) Benzaldehyde	7.473	77	34299	34.386	ng	97
10) Phenol	7.520	94	79987	56.133	ng	99
11) bis(2-Chloroethyl)ether	7.744	93	49838	46.840	ng	96
12) 1,3-Dichlorobenzene	8.231	146	53865	48.955	ng	98
13) 1,4-Dichlorobenzene	8.384	146	55939	49.972	ng	99
14) 1,2-Dichlorobenzene	8.707	146	55348	50.692	ng	96
15) Benzyl Alcohol	8.584	79	60458	52.203	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.866	45	63659	48.183	ng	97
17) 2-Methylphenol	8.789	107	53837	51.449	ng	97
18) Hexachloroethane	9.441	117	19809	51.681	ng	91
19) n-Nitroso-di-n-propyla...	9.148	70	49284	47.119	ng	97
20) 3+4-Methylphenols	9.118	107	75083	51.113	ng	98
22) Acetophenone	9.177	105	89710	45.048	ng	# 98
24) Nitrobenzene	9.571	77	71439	44.175	ng	98
25) Isophorone	10.088	82	137340	43.859	ng	98
26) 2-Nitrophenol	10.287	139	32483	46.847	ng	97
27) 2,4-Dimethylphenol	10.334	122	61680	51.451	ng	98
28) bis(2-Chloroethoxy)met...	10.563	93	73906	45.515	ng	98
29) 2,4-Dichlorophenol	10.834	162	63936	50.779	ng	98
30) 1,2,4-Trichlorobenzene	11.039	180	61790	45.029	ng	97
31) Naphthalene	11.233	128	173790	44.113	ng	97
32) Benzoic acid	10.493	122	31400	45.352	ng	90
33) 4-Chloroaniline	11.345	127	47943	26.463	ng	95
34) Hexachlorobutadiene	11.503	225	41246	43.457	ng	97
35) Caprolactam	12.114	113	13822	26.481	ng	90
36) 4-Chloro-3-methylphenol	12.443	107	76267	51.174	ng	96
37) 2-Methylnaphthalene	12.819	142	134343	43.448	ng	97
38) 1-Methylnaphthalene	13.037	142	127443	43.191	ng	99
40) 1,2,4,5-Tetrachloroben...	13.178	216	88650	43.500	ng	99
41) Hexachlorocyclopentadiene	13.148	237	56424	96.539	ng	97
43) 2,4,6-Trichlorophenol	13.418	196	61134	47.650	ng	97

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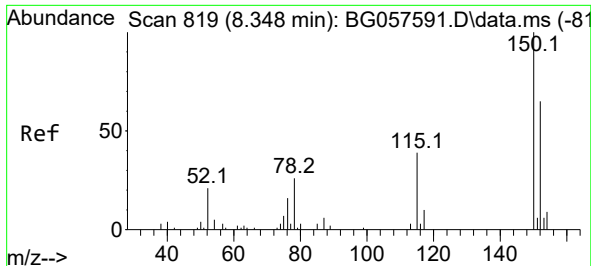
Quant Time: May 27 02:40:14 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	68418	44.775	ng	97
46) 1,1'-Biphenyl	13.800	154	199249	44.901	ng	99
47) 2-Chloronaphthalene	13.853	162	151449	45.311	ng	97
48) 2-Nitroaniline	14.059	65	54928	46.915	ng	98
49) Acenaphthylene	14.693	152	252281	44.573	ng	99
50) Dimethylphthalate	14.405	163	227533	44.464	ng	99
51) 2,6-Dinitrotoluene	14.540	165	51481	46.997	ng	95
52) Acenaphthene	15.034	154	154070	44.487	ng	98
53) 3-Nitroaniline	14.875	138	32858	28.759	ng	93
54) 2,4-Dinitrophenol	15.093	184	61733	92.217	ng	97
55) Dibenzofuran	15.363	168	263924	44.598	ng	99
56) 4-Nitrophenol	15.187	139	77136	101.329	ng	98
57) 2,4-Dinitrotoluene	15.328	165	78360	47.777	ng	99
58) Fluorene	16.009	166	224932	45.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	69026	48.218	ng	# 98
60) Diethylphthalate	15.751	149	243815	45.649	ng	99
61) 4-Chlorophenyl-phenyle...	15.985	204	126031	45.260	ng	99
62) 4-Nitroaniline	16.038	138	54313	44.068	ng	98
63) Azobenzene	16.279	77	217683	45.828	ng	99
65) 4,6-Dinitro-2-methylph...	16.097	198	52512	49.983	ng	97
66) n-Nitrosodiphenylamine	16.203	169	208478	46.487	ng	99
67) 4-Bromophenyl-phenylether	16.878	248	88690	45.823	ng	99
68) Hexachlorobenzene	17.014	284	95075	47.654	ng	99
69) Atrazine	17.137	200	96791	50.270	ng	97
70) Pentachlorophenol	17.360	266	90706	89.227	ng	98
71) Phenanthrene	17.754	178	410622	46.504	ng	99
72) Anthracene	17.842	178	413387	45.637	ng	99
73) Carbazole	18.112	167	375799	46.376	ng	99
74) Di-n-butylphthalate	18.623	149	426157	44.301	ng	99
75) Fluoranthene	19.745	202	511940	44.661	ng	99
77) Benzidine	19.910	184	272697	57.357	ng	99
78) Pyrene	20.103	202	518249	46.326	ng	98
80) Butylbenzylphthalate	20.949	149	189045	46.400	ng	98
81) Benzo(a)anthracene	22.001	228	512169	46.987	ng	100
82) 3,3'-Dichlorobenzidine	21.895	252	135639	33.744	ng	96
83) Chrysene	22.071	228	461413	44.794	ng	100
84) Bis(2-ethylhexyl)phtha...	21.836	149	267373	46.006	ng	98
85) Di-n-octyl phthalate	23.129	149	451036	46.821	ng	99
87) Indeno(1,2,3-cd)pyrene	29.585	276	571823	48.043	ng	99
88) Benzo(b)fluoranthene	24.398	252	515870	49.093	ng	99
89) Benzo(k)fluoranthene	24.474	252	512447	48.322	ng	99
90) Benzo(a)pyrene	25.355	252	455409	44.441	ng	98
91) Dibenzo(a,h)anthracene	29.632	278	476180	48.071	ng	99
92) Benzo(g,h,i)perylene	30.859	276	457851	47.393	ng	99

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

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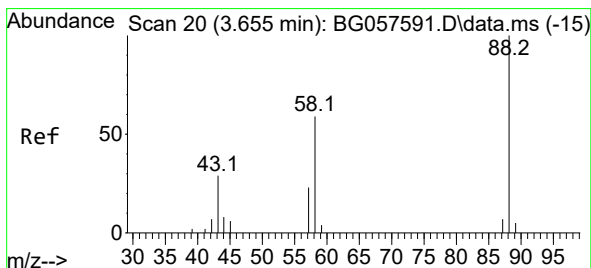
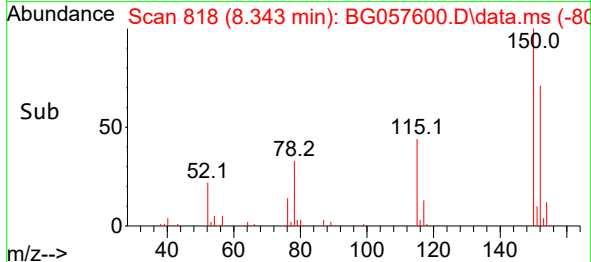
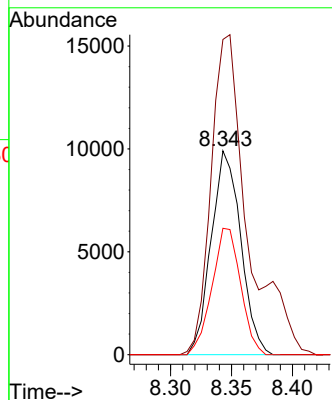
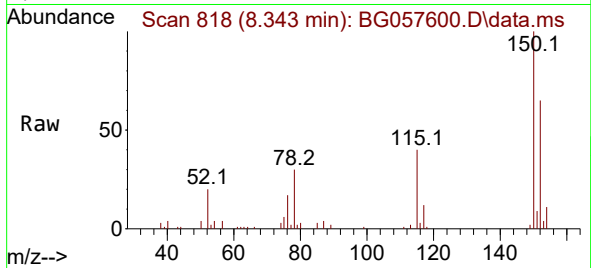




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

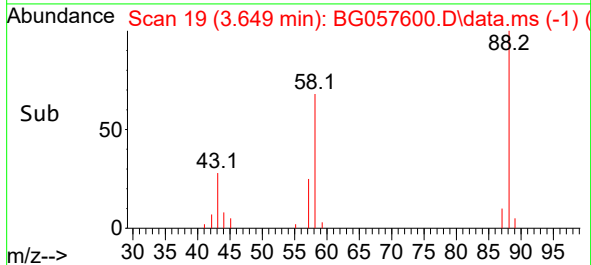
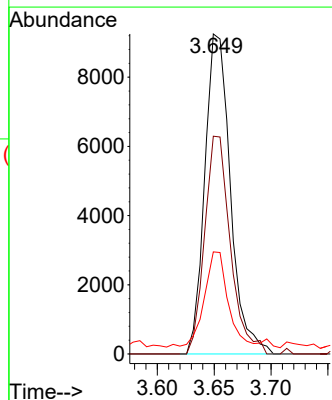
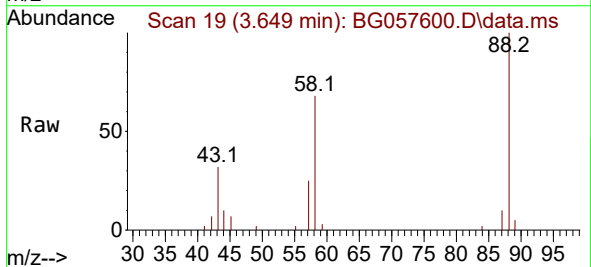
Instrument :
BNA_G
ClientSampleId :
PB153078BS

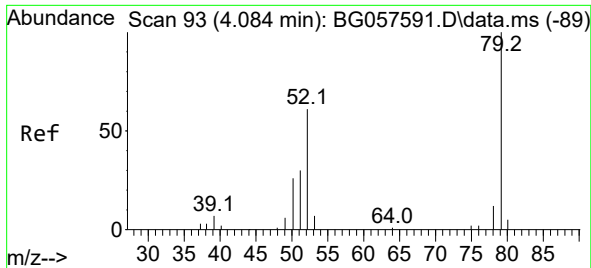
Tgt Ion:152 Resp: 16713
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.4
115 62.0 47.4 71.2



#2
1,4-Dioxane
Concen: 36.407 ng
RT: 3.649 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion: 88 Resp: 14511
Ion Ratio Lower Upper
88 100
58 68.2 52.6 79.0
43 26.7 22.1 33.1



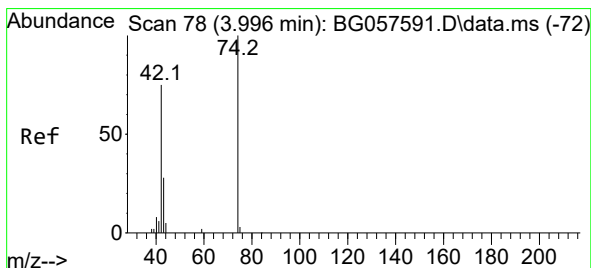
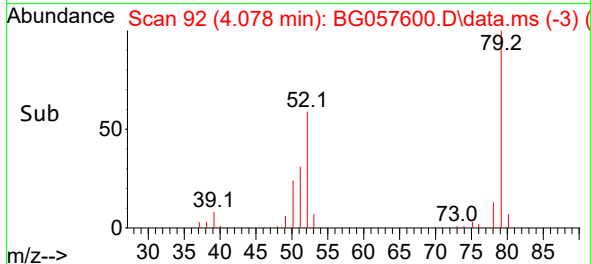
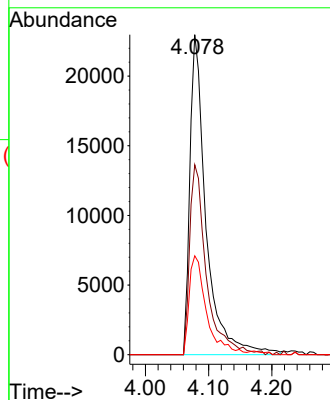
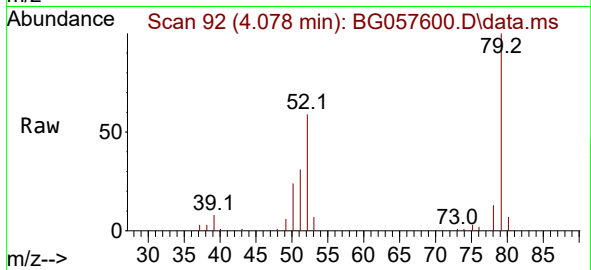


#3
 Pyridine
 Concen: 33.532 ng
 RT: 4.078 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BG057600.D
 Acq: 27 May 2023 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB153078BS

Tgt Ion: 79 Resp: 40860

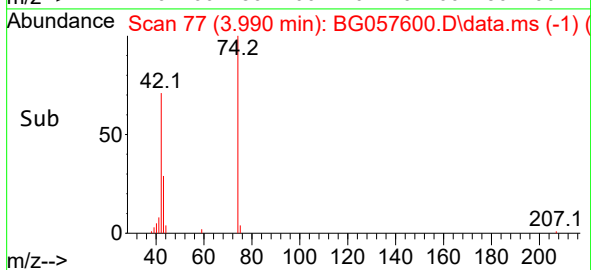
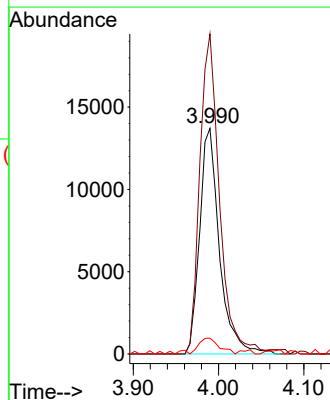
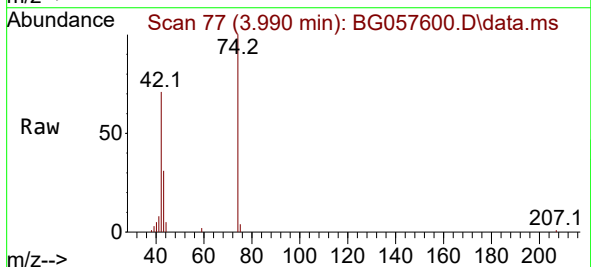
Ion	Ratio	Lower	Upper
79	100		
52	59.4	48.4	72.6
51	30.9	24.4	36.6

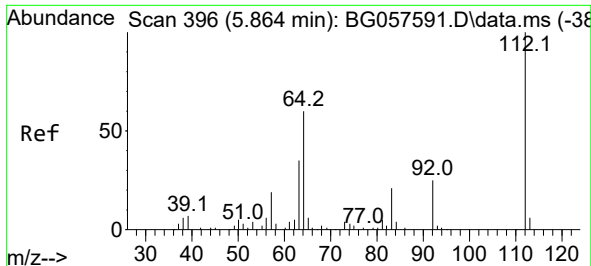


#4
 n-Nitrosodimethylamine
 Concen: 44.828 ng
 RT: 3.990 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BG057600.D
 Acq: 27 May 2023 2:02

Tgt Ion: 42 Resp: 22102

Ion	Ratio	Lower	Upper
42	100		
74	141.8	107.3	160.9
44	7.0	6.1	9.1

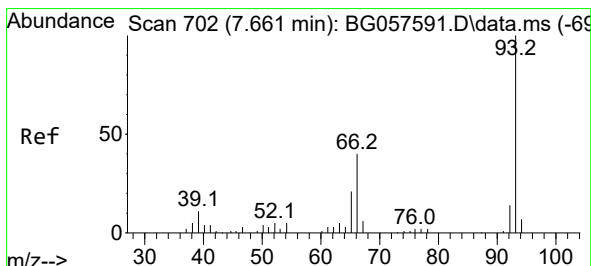
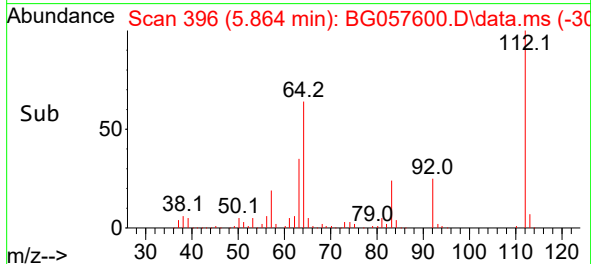
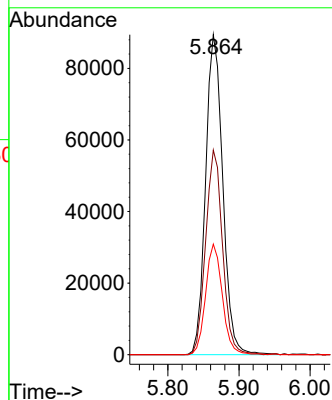
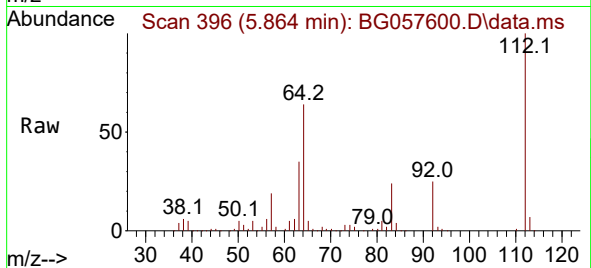




#5
2-Fluorophenol
Concen: 156.404 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

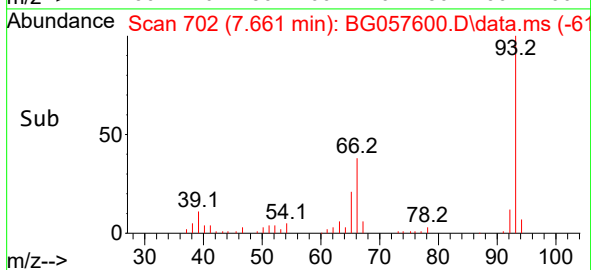
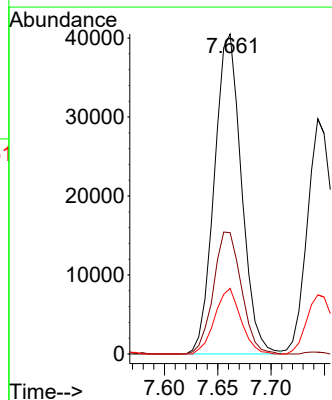
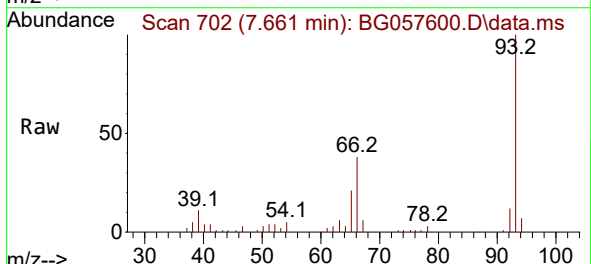
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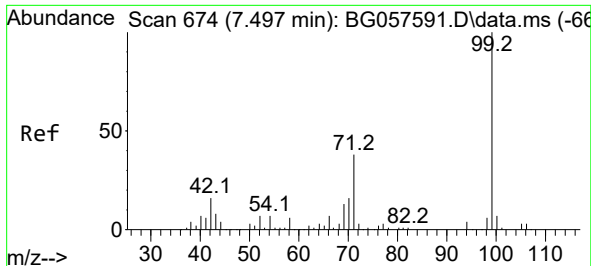
Tgt Ion:112 Resp: 150462
Ion Ratio Lower Upper
112 100
64 64.0 47.8 71.6
63 34.5 27.8 41.8



#6
Aniline
Concen: 39.310 ng
RT: 7.661 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion: 93 Resp: 71596
Ion Ratio Lower Upper
93 100
66 37.9 32.2 48.4
65 20.5 16.7 25.1

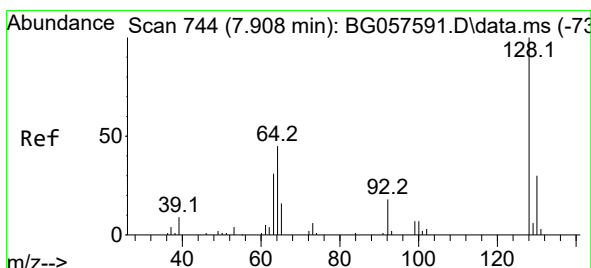
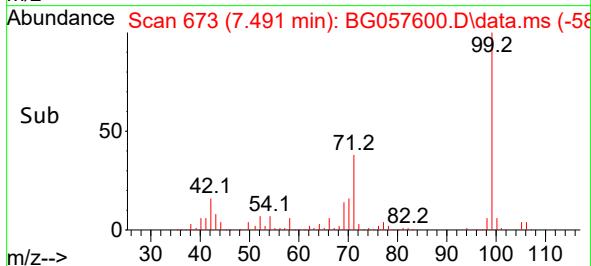
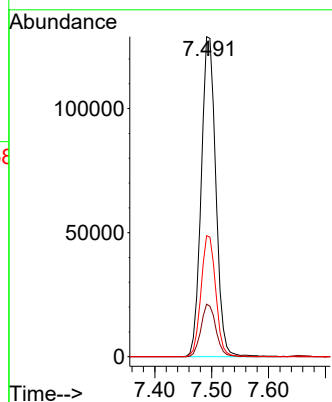
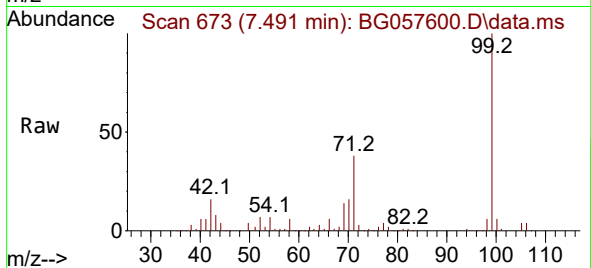




#7
Phenol-d6
Concen: 152.983 ng
RT: 7.491 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

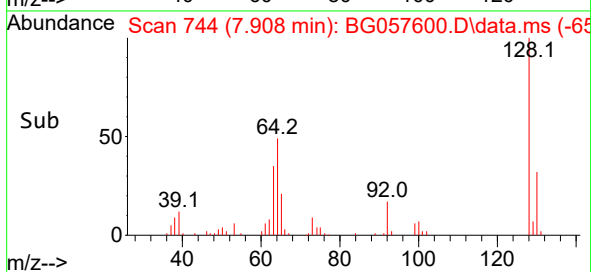
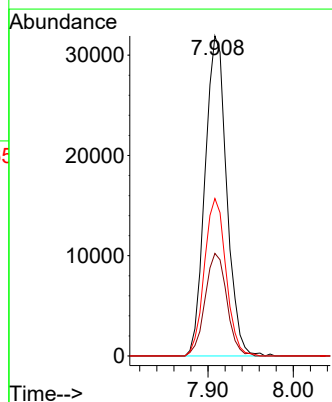
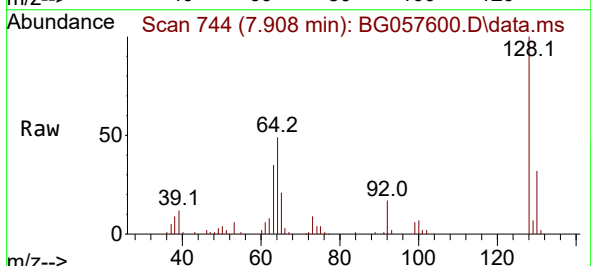
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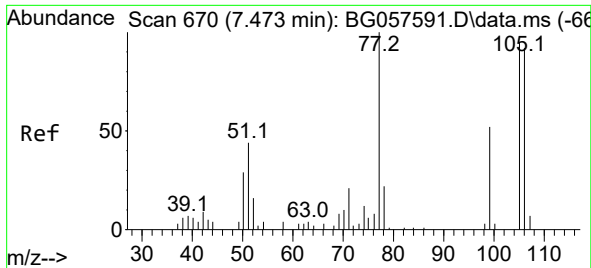
Tgt Ion: 99 Resp: 230320
Ion Ratio Lower Upper
99 100
42 16.4 12.8 19.2
71 37.8 30.3 45.5



#8
2-Chlorophenol
Concen: 54.413 ng
RT: 7.908 min Scan# 744
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:128 Resp: 56197
Ion Ratio Lower Upper
128 100
130 32.0 10.5 50.5
64 49.2 33.8 73.8

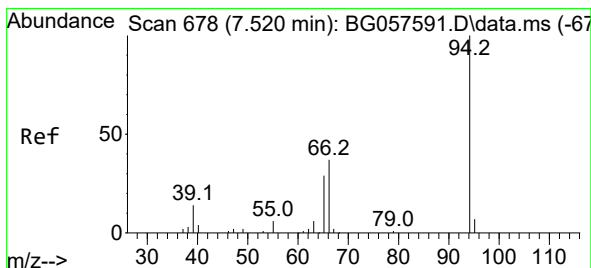
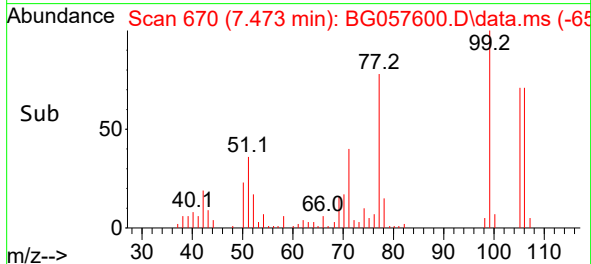
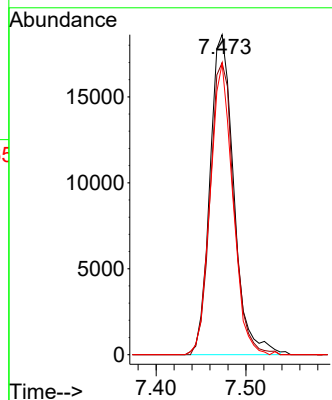
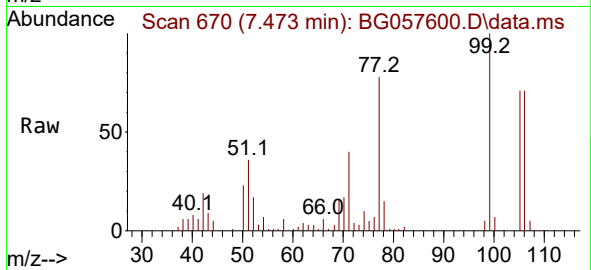




#9
Benzaldehyde
Concen: 34.386 ng
RT: 7.473 min Scan# 670
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

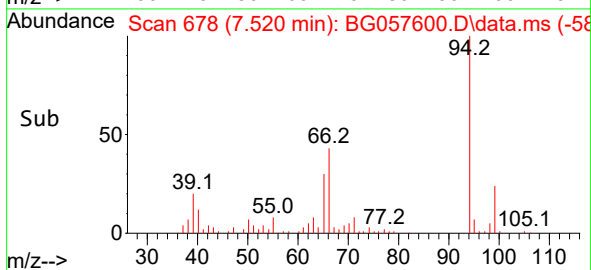
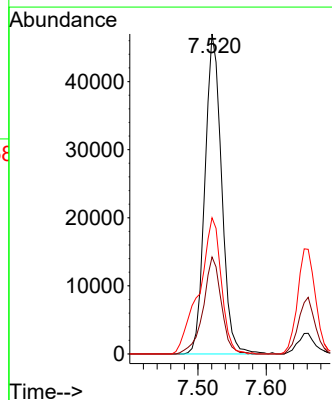
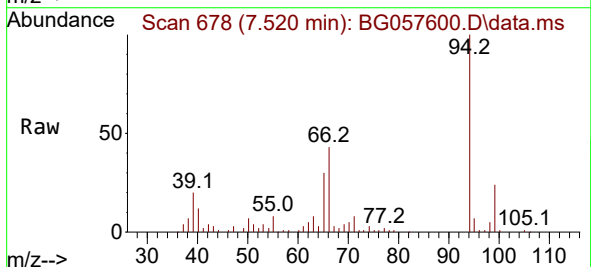
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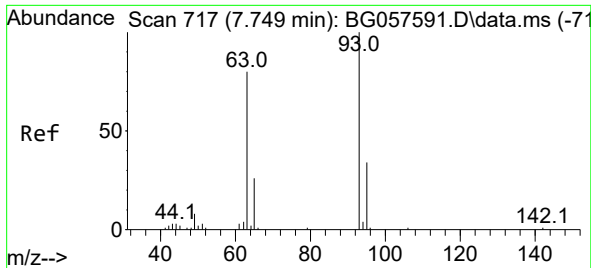
Tgt Ion: 77 Resp: 34299
Ion Ratio Lower Upper
77 100
105 91.2 75.0 115.0
106 91.0 72.5 112.5



#10
Phenol
Concen: 56.133 ng
RT: 7.520 min Scan# 678
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion: 94 Resp: 79987
Ion Ratio Lower Upper
94 100
65 30.3 9.6 49.6
66 42.6 22.0 62.0

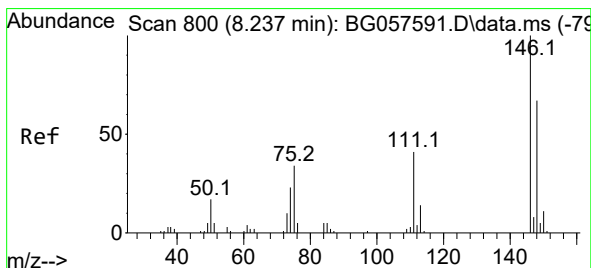
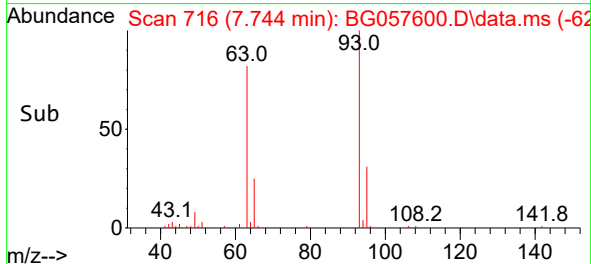
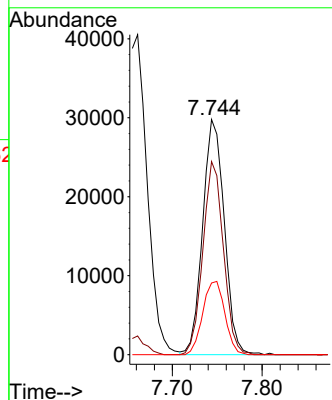
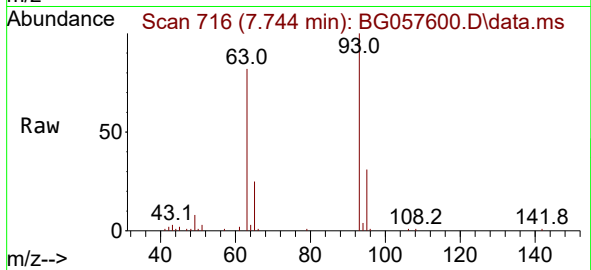




#11
bis(2-Chloroethyl)ether
Concen: 46.840 ng
RT: 7.744 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

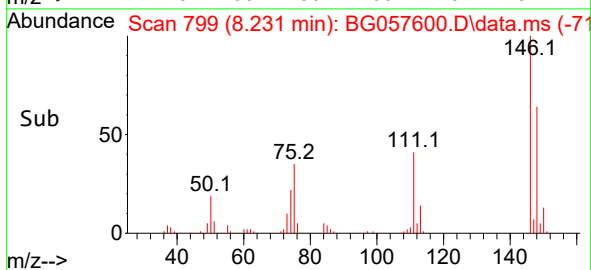
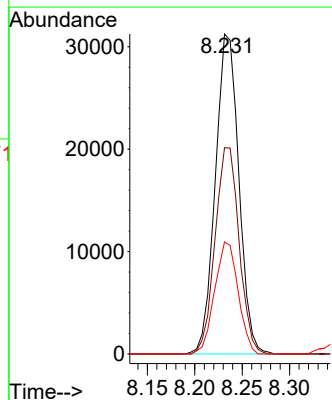
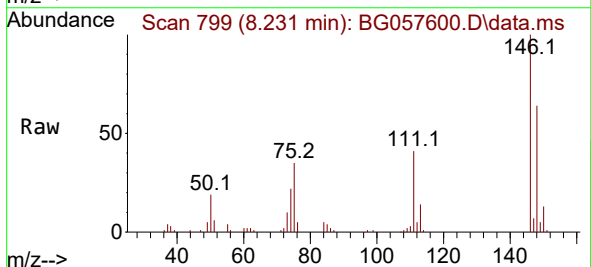
Instrument :
BNA_G
ClientSampleId :
PB153078BS

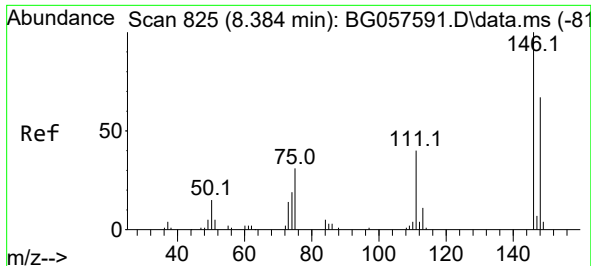
Tgt Ion: 93 Resp: 49838
Ion Ratio Lower Upper
93 100
63 82.1 59.3 99.3
95 30.5 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 48.955 ng
RT: 8.231 min Scan# 799
Delta R.T. -0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:146 Resp: 53865
Ion Ratio Lower Upper
146 100
148 64.5 53.4 80.0
75 35.0 27.4 41.2

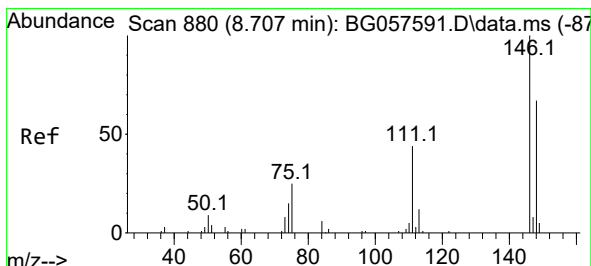
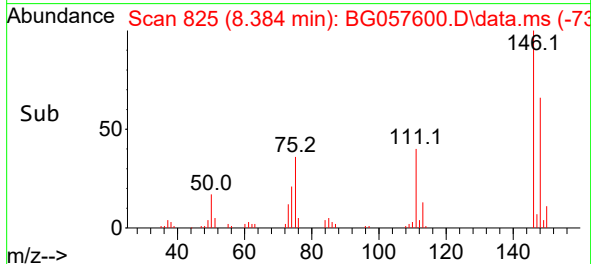
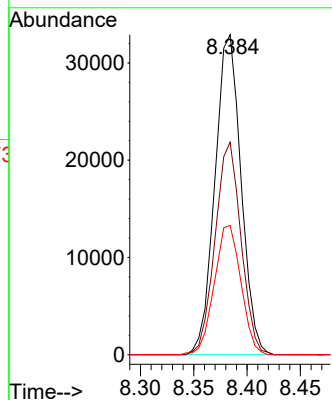
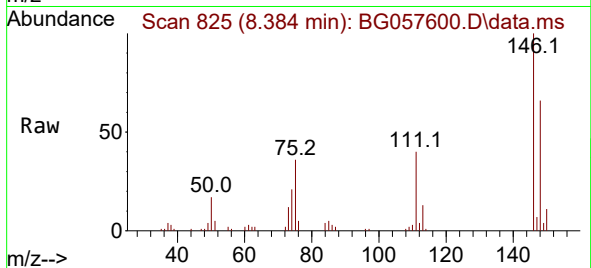




#13
1,4-Dichlorobenzene
Concen: 49.972 ng
RT: 8.384 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

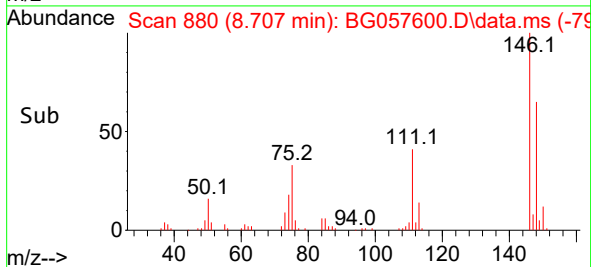
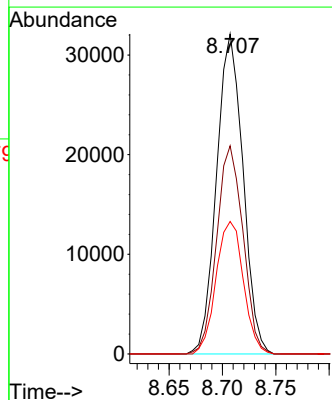
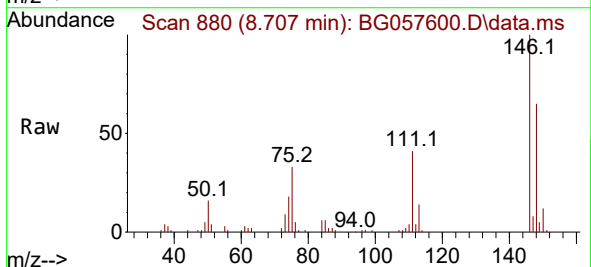
Instrument :
BNA_G
ClientSampleId :
PB153078BS

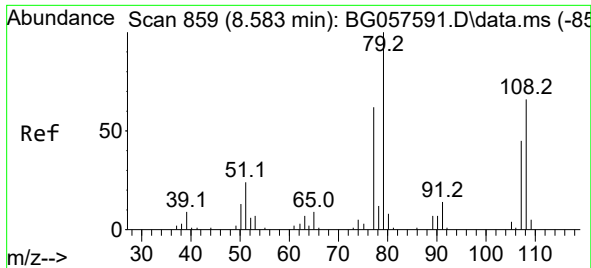
Tgt Ion:146 Resp: 55939
Ion Ratio Lower Upper
146 100
148 66.4 53.8 80.6
111 40.4 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 50.692 ng
RT: 8.707 min Scan# 880
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:146 Resp: 55348
Ion Ratio Lower Upper
146 100
148 65.1 53.5 80.3
111 41.4 36.6 54.8





#15
Benzyl Alcohol
Concen: 52.203 ng
RT: 8.584 min Scan# 859
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

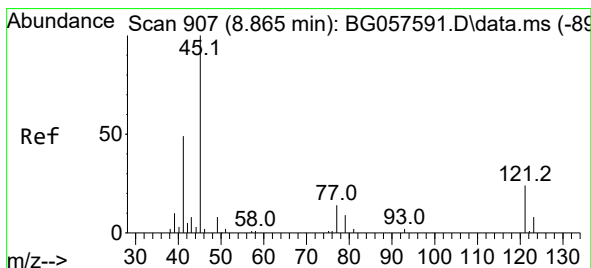
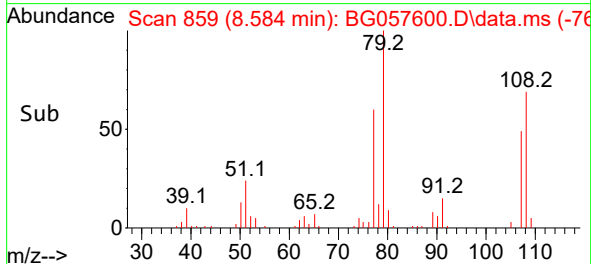
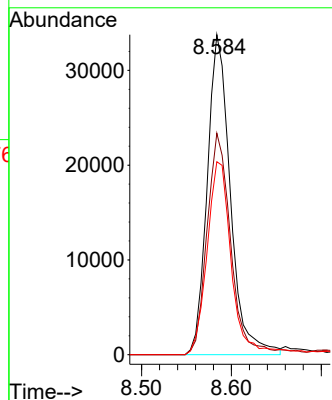
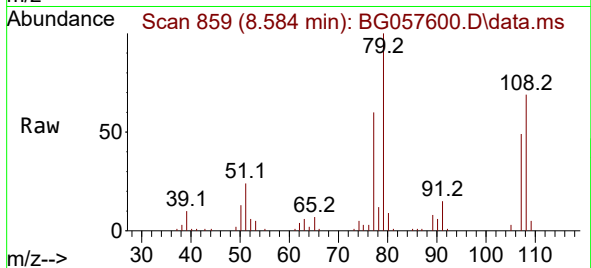
Instrument :

BNA_G

ClientSampleId :

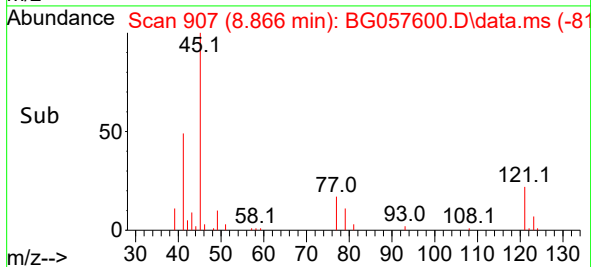
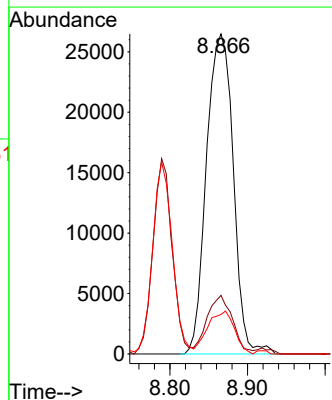
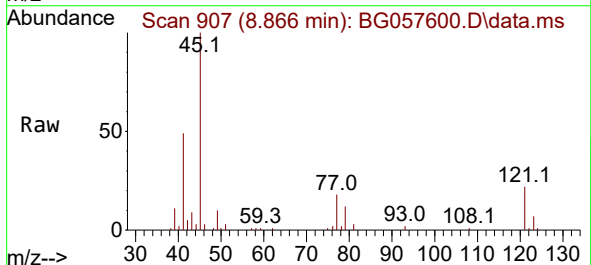
PB153078BS

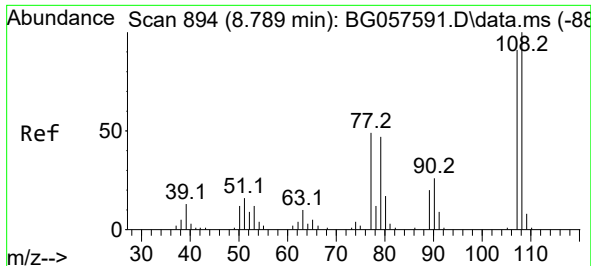
Tgt Ion: 79 Resp: 60458
Ion Ratio Lower Upper
79 100
108 69.2 52.6 78.8
77 60.3 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.183 ng
RT: 8.866 min Scan# 907
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion: 45 Resp: 63659
Ion Ratio Lower Upper
45 100
77 18.3 0.0 39.2
79 12.4 0.0 34.2

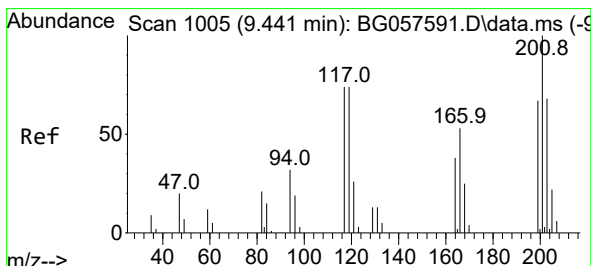
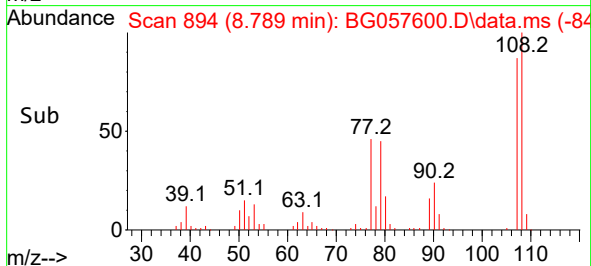
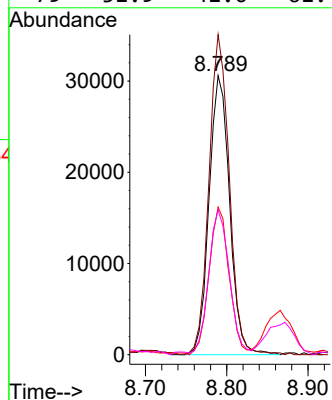
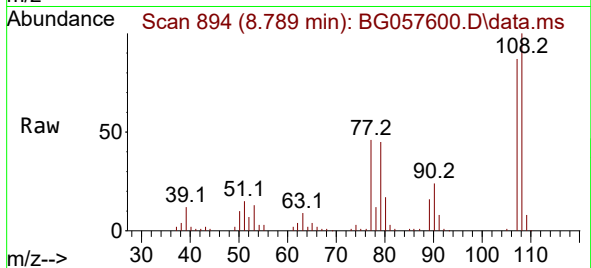




#17
2-Methylphenol
Concen: 51.449 ng
RT: 8.789 min Scan# 894
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

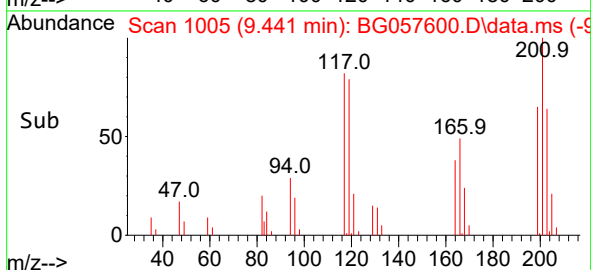
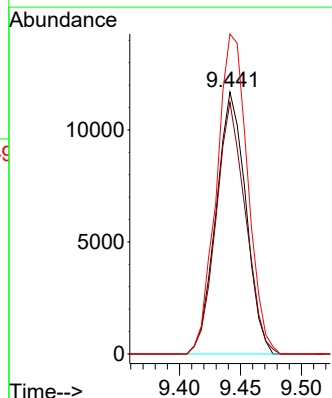
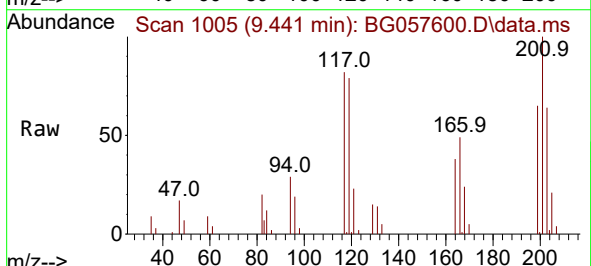
Instrument :
BNA_G
ClientSampleId :
PB153078BS

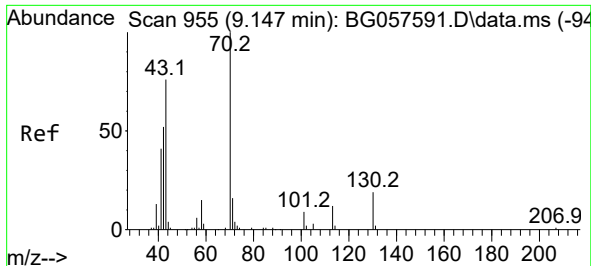
Tgt Ion:	107	Resp:	53837
Ion	Ratio	Lower	Upper
107	100		
108	114.7	87.7	131.5
77	52.9	43.0	64.6
79	51.9	41.0	61.4



#18
Hexachloroethane
Concen: 51.681 ng
RT: 9.441 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:	117	Resp:	19809
Ion	Ratio	Lower	Upper
117	100		
119	96.1	80.6	121.0
201	122.2	108.8	163.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.119 ng

RT: 9.148 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG057600.D

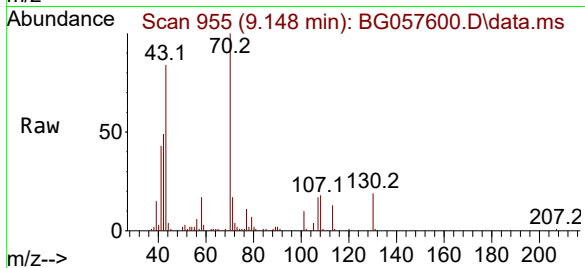
Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS



Tgt Ion: 70 Resp: 49284

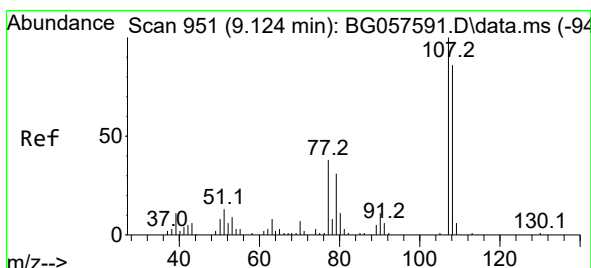
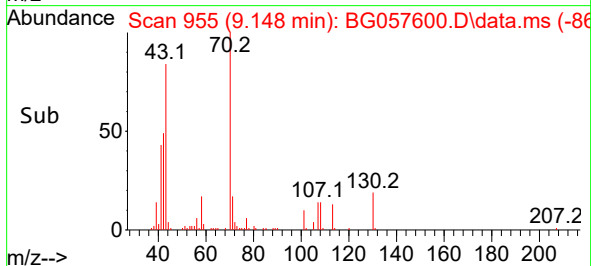
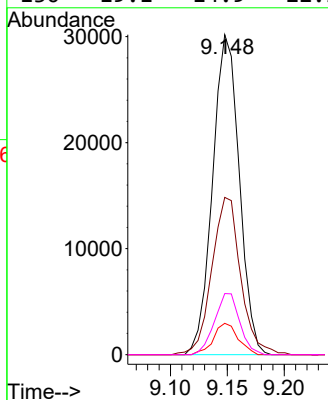
Ion Ratio Lower Upper

70 100

42 49.2 41.4 62.0

101 9.8 6.9 10.3

130 19.1 14.9 22.3



#20

3+4-Methylphenols

Concen: 51.113 ng

RT: 9.118 min Scan# 950

Delta R.T. -0.006 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Tgt Ion: 107 Resp: 75083

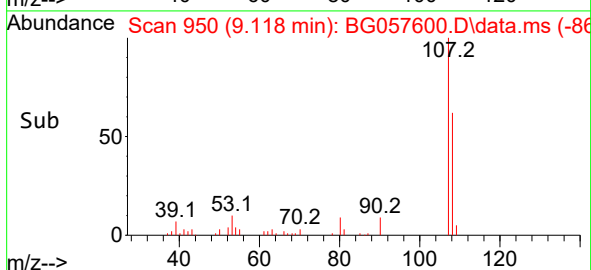
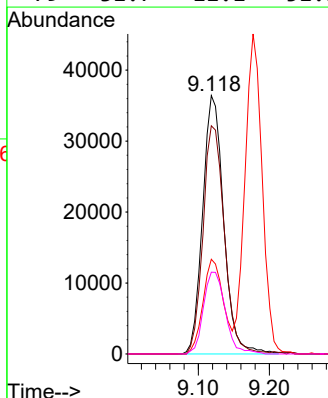
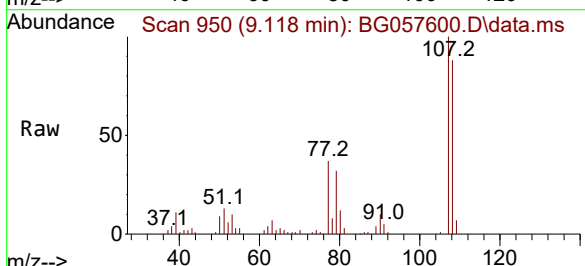
Ion Ratio Lower Upper

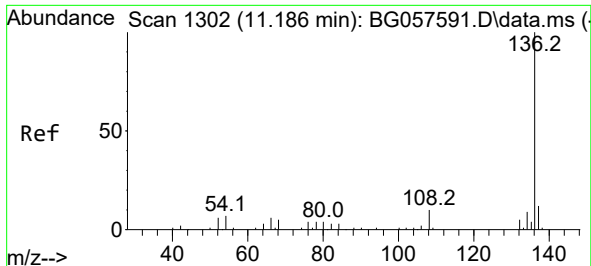
107 100

108 88.3 65.6 105.6

77 36.7 18.0 58.0

79 31.7 11.1 51.1





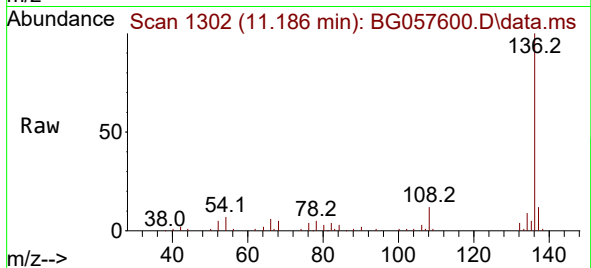
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Instrument :

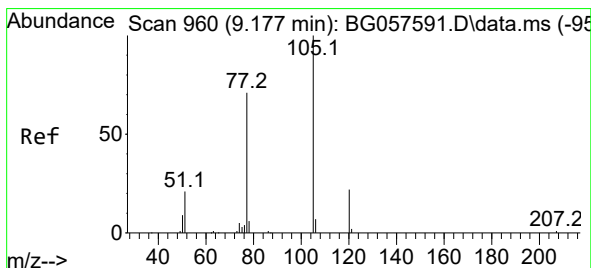
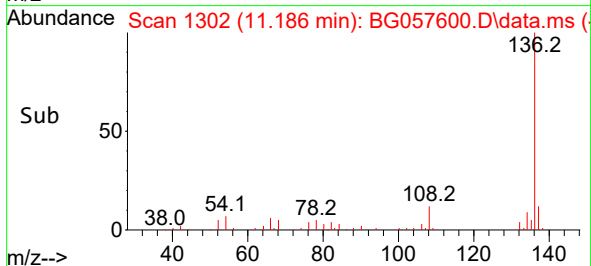
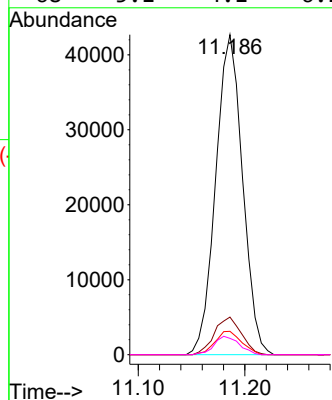
BNA_G

ClientSampleId :

PB153078BS

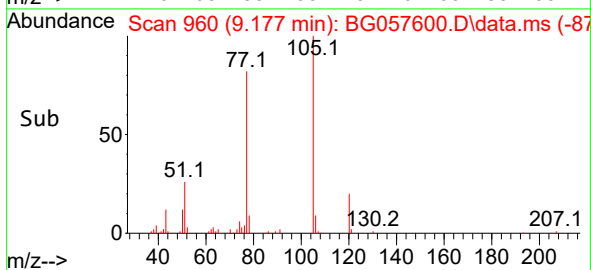
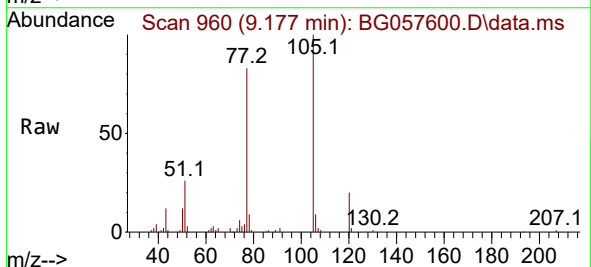
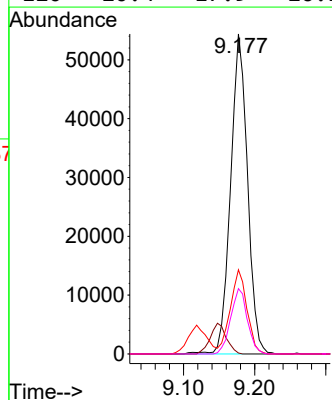


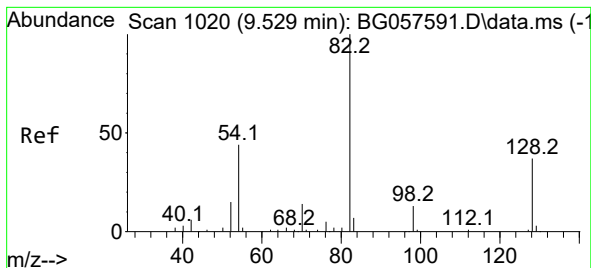
Tgt Ion:136 Resp: 74474
Ion Ratio Lower Upper
136 100
137 11.7 9.8 14.8
54 7.3 5.8 8.6
68 5.1 4.1 6.1



#22
Acetophenone
Concen: 45.048 ng
RT: 9.177 min Scan# 960
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:105 Resp: 89710
Ion Ratio Lower Upper
105 100
71 0.3 0.0 0.0#
51 26.3 20.7 31.1
120 20.4 17.9 26.9





#23

Nitrobenzene-d5

Concen: 87.519 ng

RT: 9.530 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

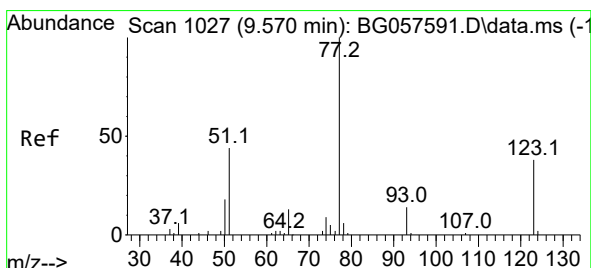
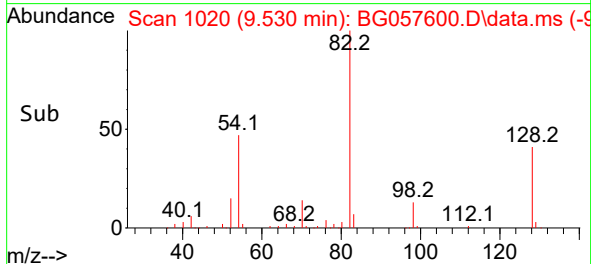
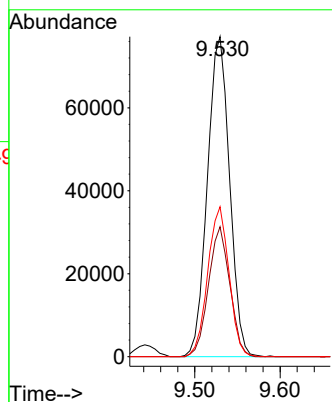
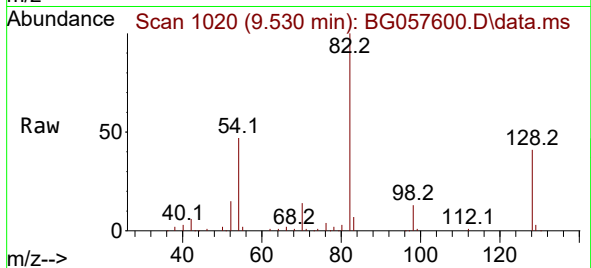
Tgt Ion: 82 Resp: 139431

Ion Ratio Lower Upper

82 100

128 40.6 30.0 45.0

54 46.9 35.2 52.8



#24

Nitrobenzene

Concen: 44.175 ng

RT: 9.571 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

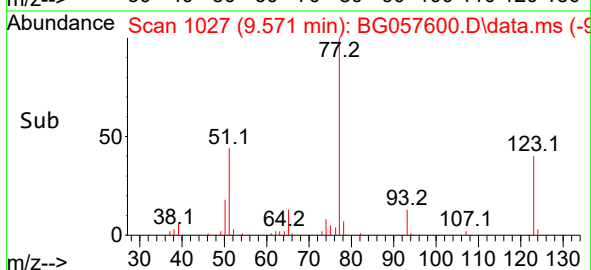
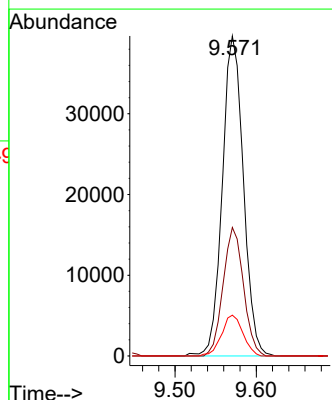
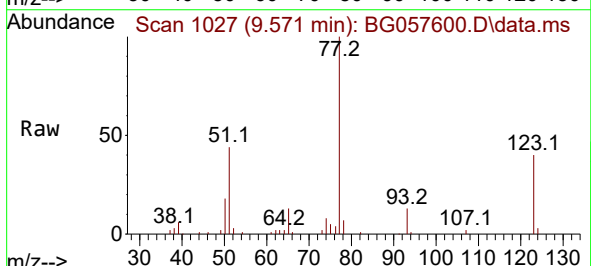
Tgt Ion: 77 Resp: 71439

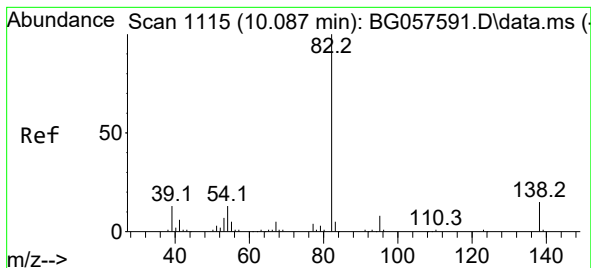
Ion Ratio Lower Upper

77 100

123 40.1 30.6 46.0

65 12.7 10.2 15.4





#25

Isophorone

Concen: 43.859 ng

RT: 10.088 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

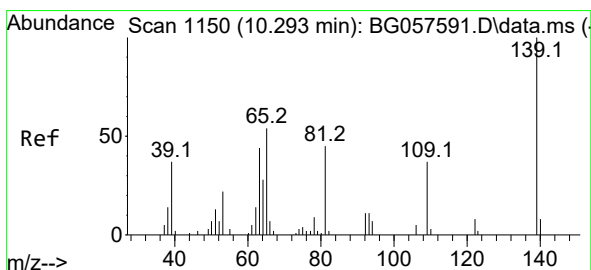
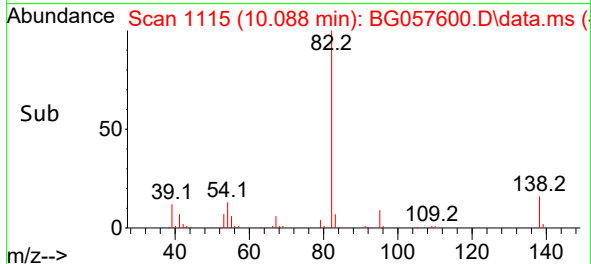
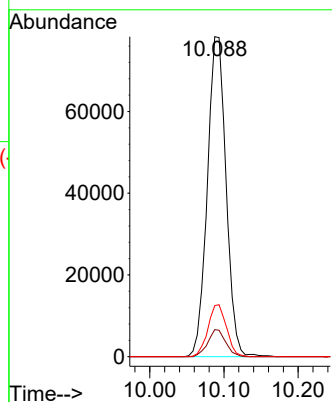
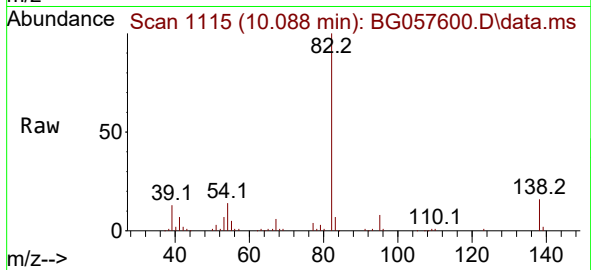
Tgt Ion: 82 Resp: 137340

Ion Ratio Lower Upper

82 100

95 8.4 6.3 9.5

138 15.9 12.0 18.0



#26

2-Nitrophenol

Concen: 46.847 ng

RT: 10.287 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

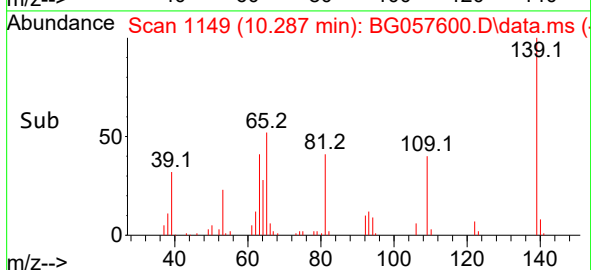
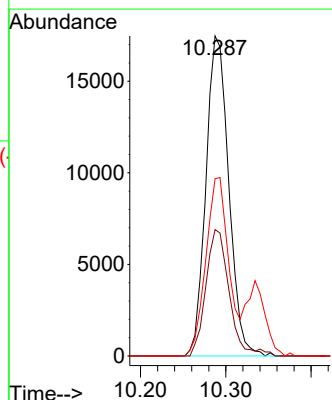
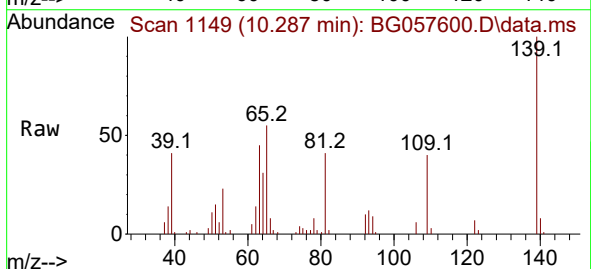
Tgt Ion:139 Resp: 32483

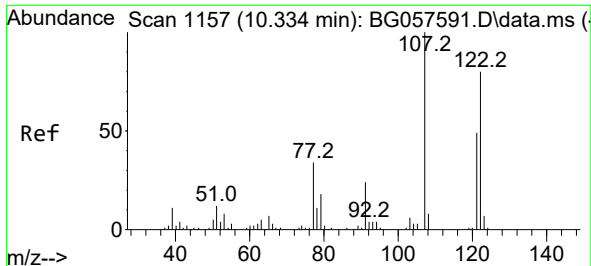
Ion Ratio Lower Upper

139 100

109 39.5 29.5 44.3

65 55.4 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 51.451 ng

RT: 10.334 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

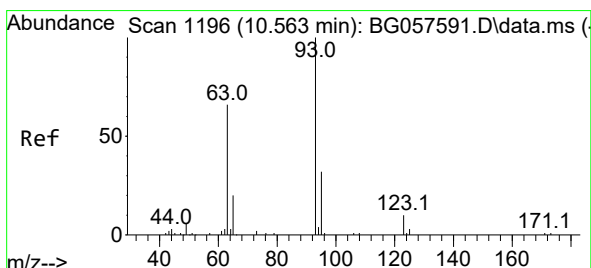
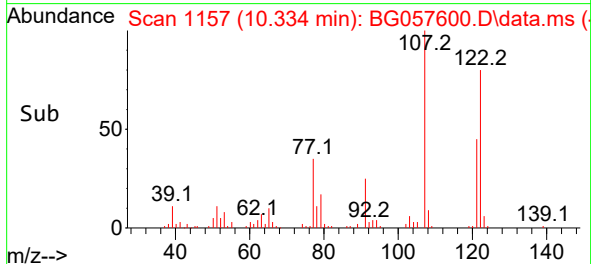
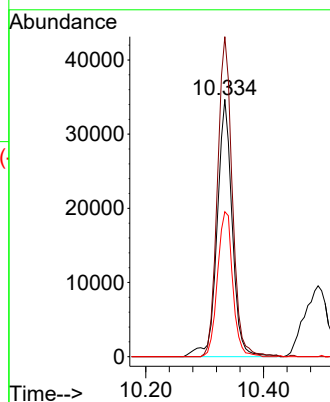
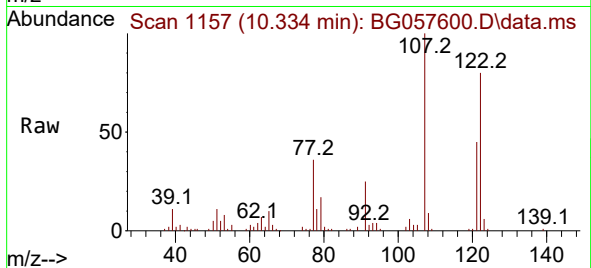
Tgt Ion:122 Resp: 61680

Ion Ratio Lower Upper

122 100

107 124.4 99.4 149.2

121 56.4 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.515 ng

RT: 10.563 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

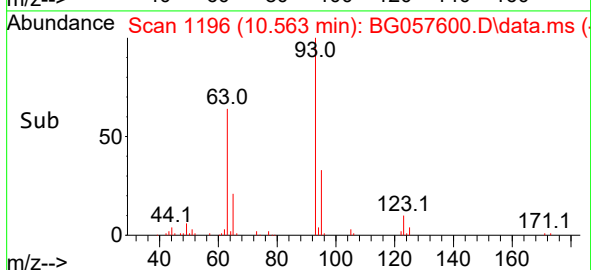
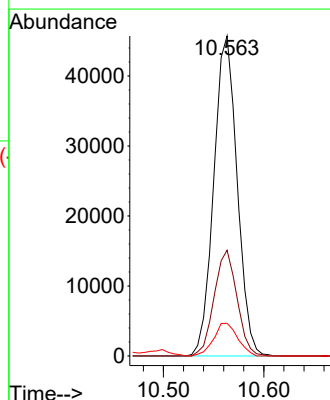
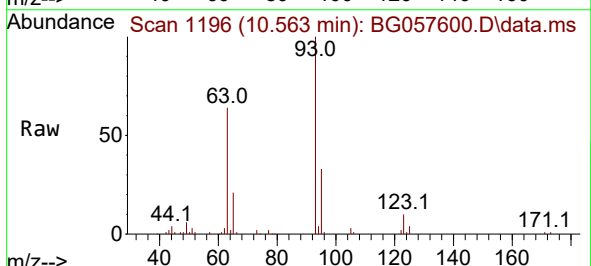
Tgt Ion: 93 Resp: 73906

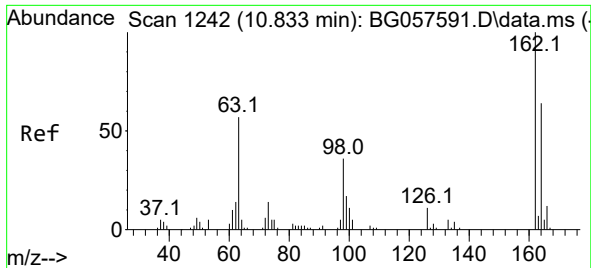
Ion Ratio Lower Upper

93 100

95 33.1 25.3 37.9

123 10.2 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 50.779 ng

RT: 10.834 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

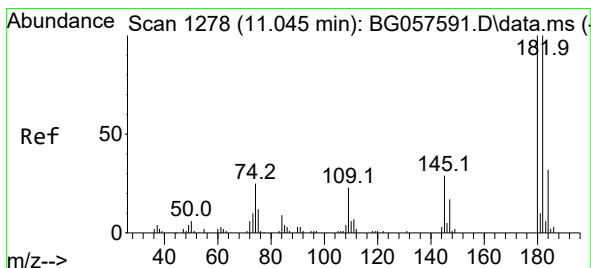
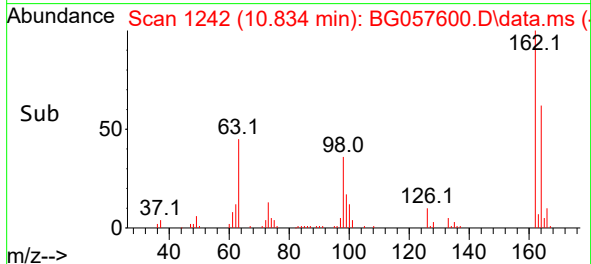
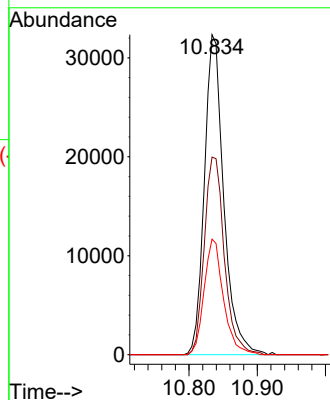
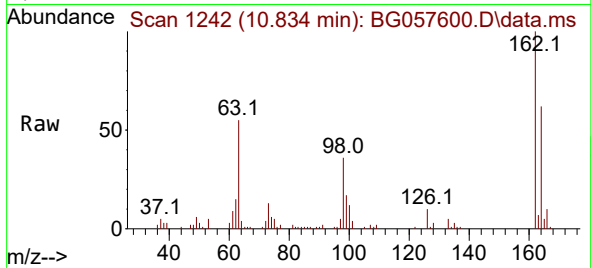
Tgt Ion:162 Resp: 63936

Ion Ratio Lower Upper

162 100

164 61.7 44.1 84.1

98 36.1 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 45.029 ng

RT: 11.039 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

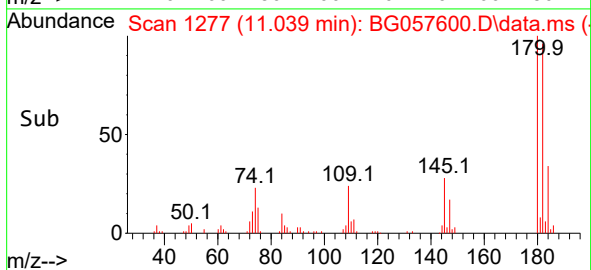
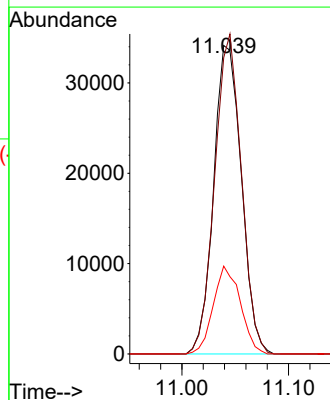
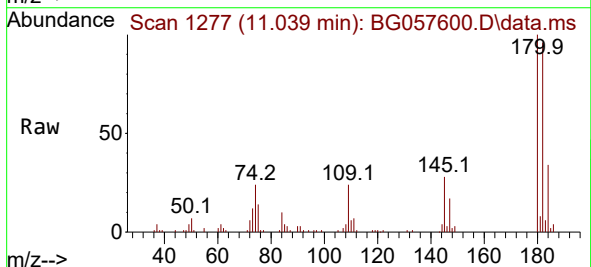
Tgt Ion:180 Resp: 61790

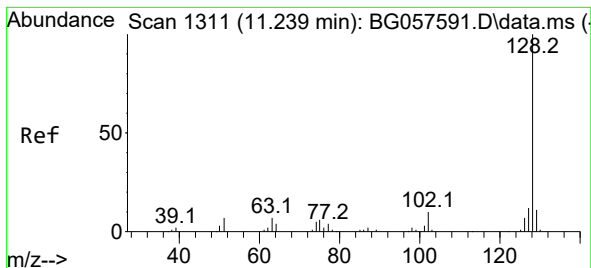
Ion Ratio Lower Upper

180 100

182 96.0 80.2 120.2

145 28.5 23.1 34.7

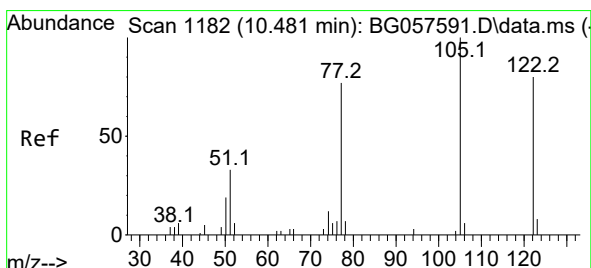
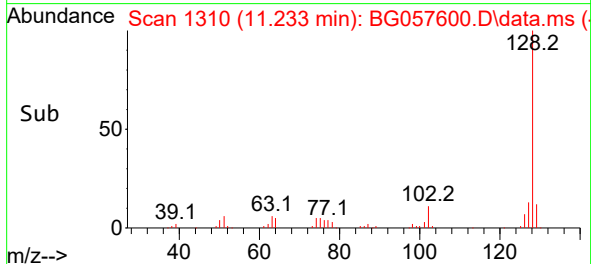
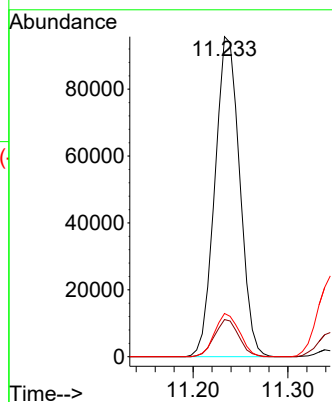
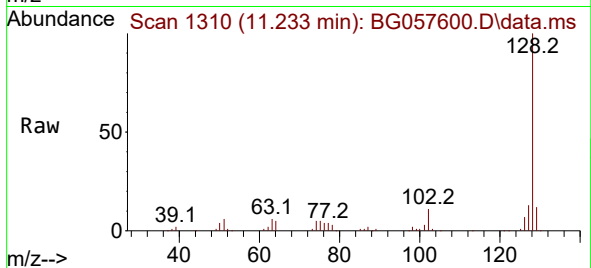




#31
Naphthalene
Concen: 44.113 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

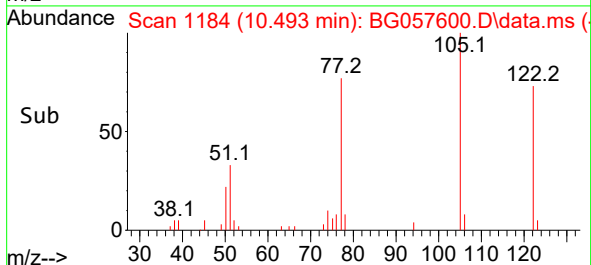
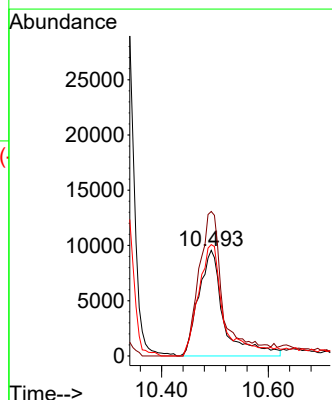
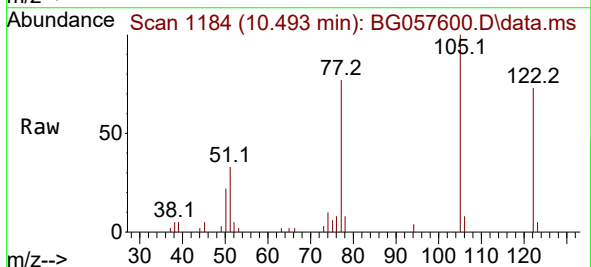
Instrument :
BNA_G
ClientSampleId :
PB153078BS

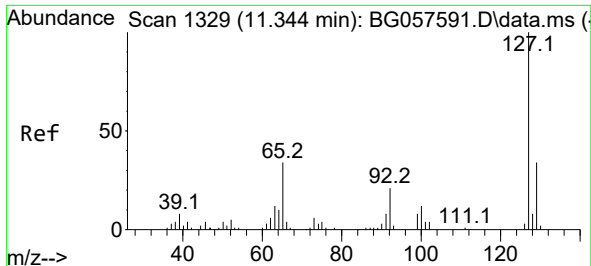
Tgt Ion:128 Resp: 173790
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.5 9.8 14.8



#32
Benzoic acid
Concen: 45.352 ng
RT: 10.493 min Scan# 1184
Delta R.T. 0.012 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:122 Resp: 31400
Ion Ratio Lower Upper
122 100
105 136.9 104.8 144.8
77 105.5 75.8 115.8

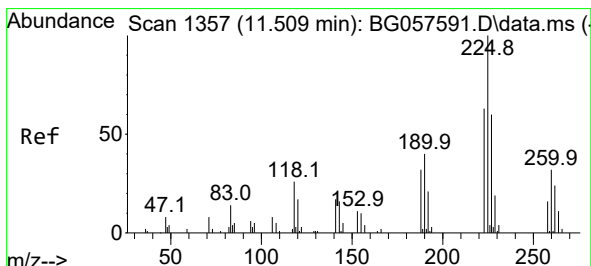
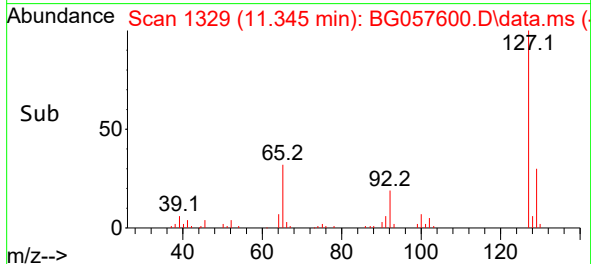
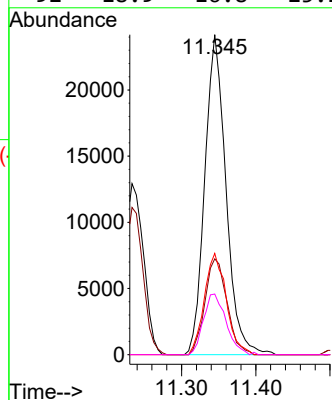
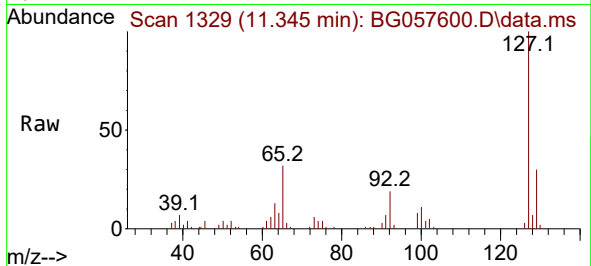




#33
4-Chloroaniline
Concen: 26.463 ng
RT: 11.345 min Scan# 11329
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

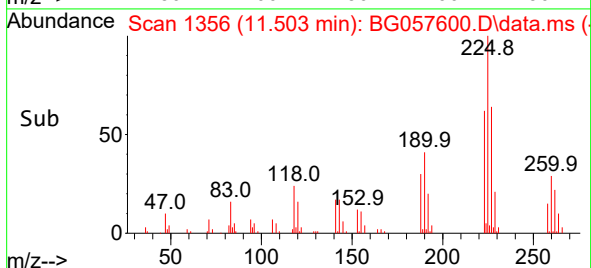
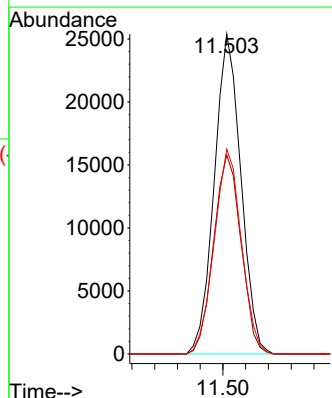
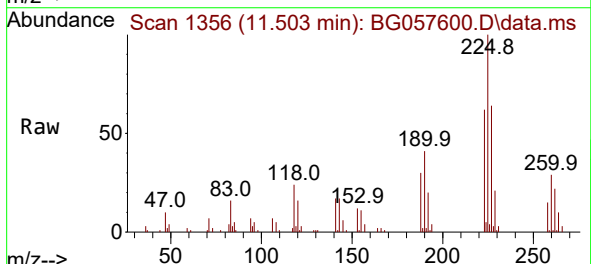
Instrument :
BNA_G
ClientSampleId :
PB153078BS

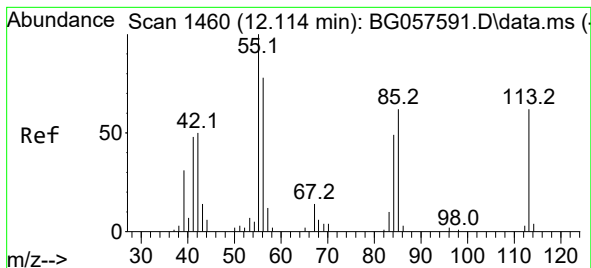
Tgt Ion:	127	Resp:	47943
Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.9	40.3
65	31.7	27.3	40.9
92	18.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.457 ng
RT: 11.503 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:	225	Resp:	41246
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	64.0	47.9	71.9

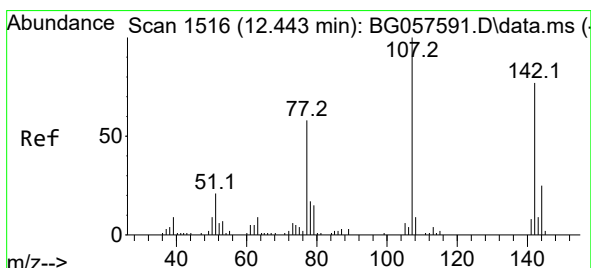
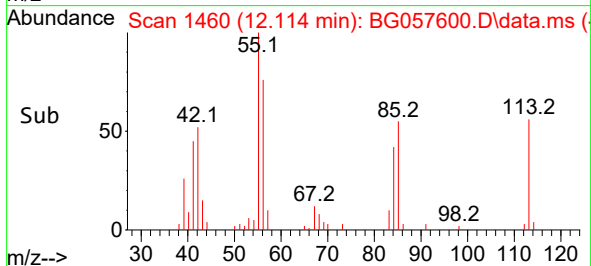
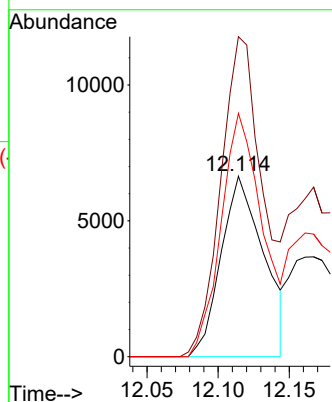
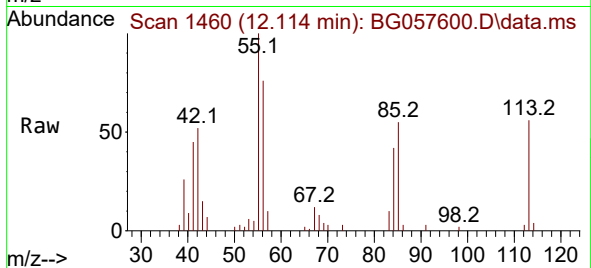




#35
Caprolactam
Concen: 26.481 ng
RT: 12.114 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

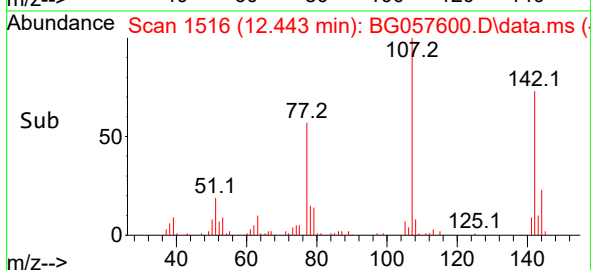
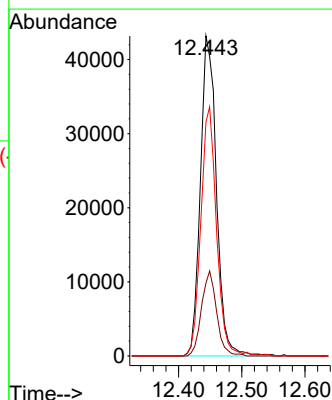
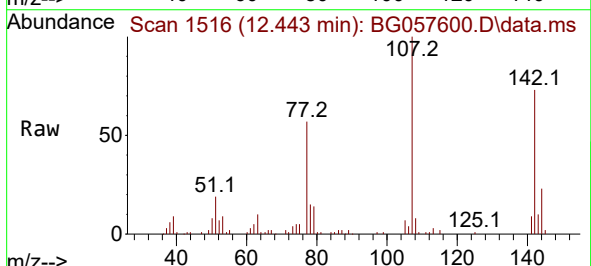
Instrument :
BNA_G
ClientSampleId :
PB153078BS

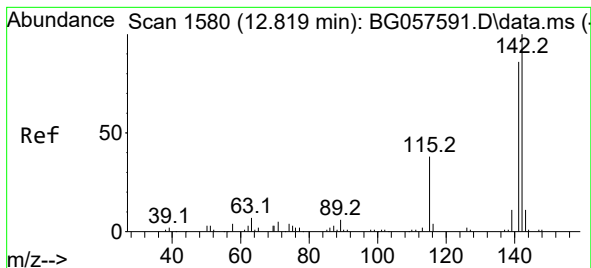
Tgt Ion:113 Resp: 13822
Ion Ratio Lower Upper
113 100
55 177.3 140.9 180.9
56 134.8 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 51.174 ng
RT: 12.443 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:107 Resp: 76267
Ion Ratio Lower Upper
107 100
144 22.7 19.7 29.5
142 73.1 61.6 92.4

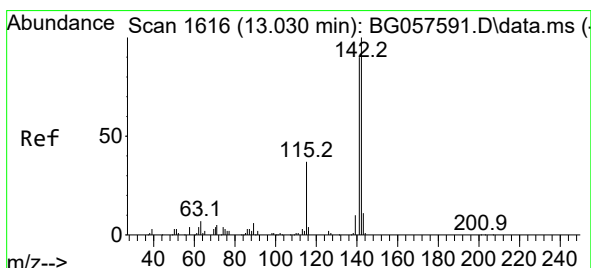
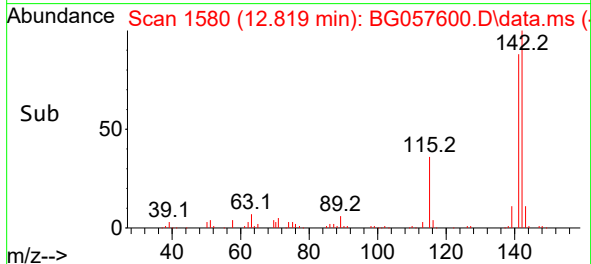
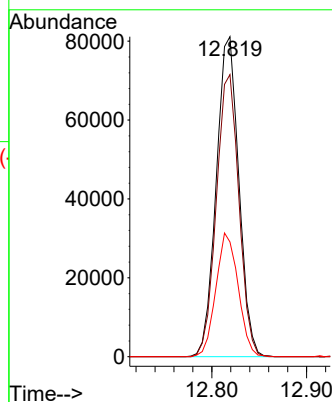
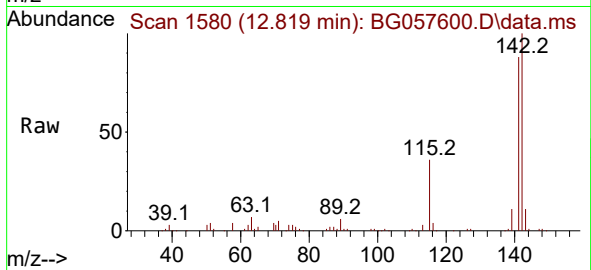




#37
2-Methylnaphthalene
Concen: 43.448 ng
RT: 12.819 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

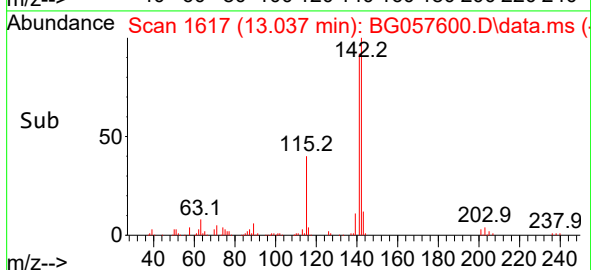
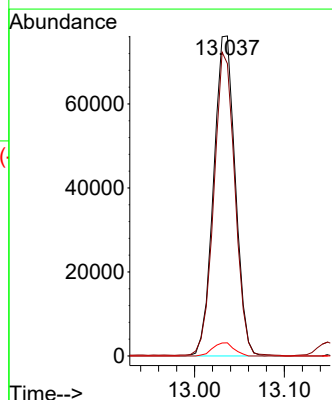
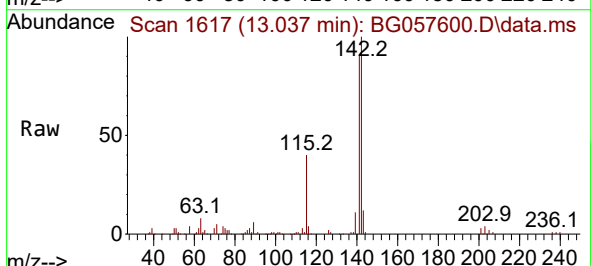
Instrument :
BNA_G
ClientSampleId :
PB153078BS

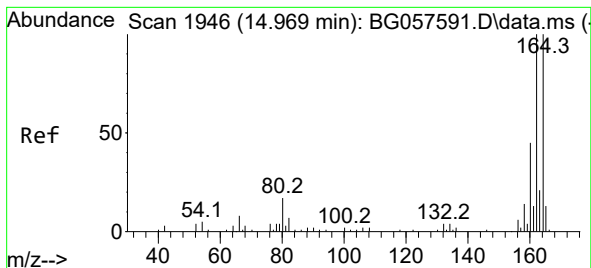
Tgt Ion:142 Resp: 134343
Ion Ratio Lower Upper
142 100
141 88.2 68.6 103.0
115 35.9 30.4 45.6



#38
1-Methylnaphthalene
Concen: 43.191 ng
RT: 13.037 min Scan# 1617
Delta R.T. 0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:142 Resp: 127443
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1
116 4.1 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: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

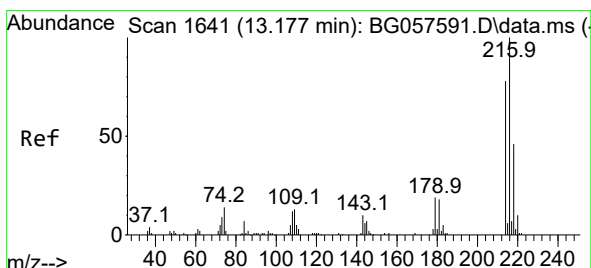
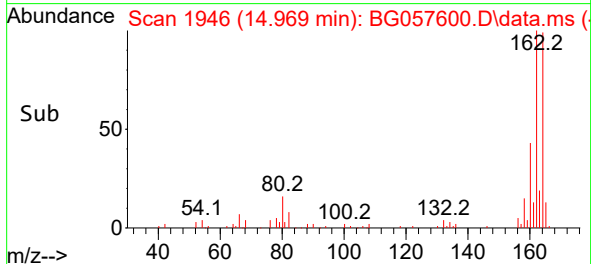
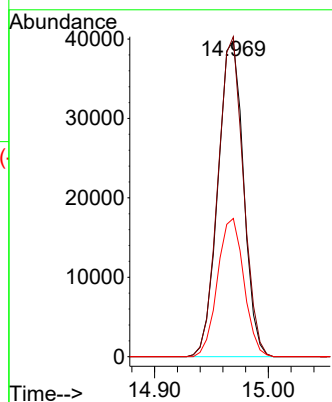
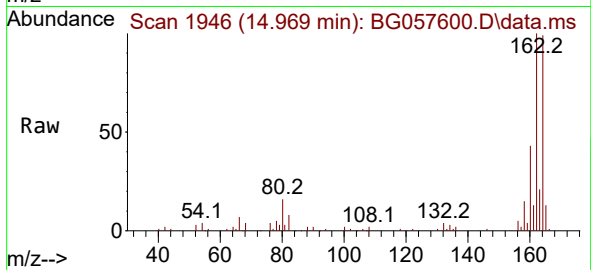
Tgt Ion:164 Resp: 62088

Ion Ratio Lower Upper

164 100

162 101.4 80.1 120.1

160 43.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.500 ng

RT: 13.178 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Tgt Ion:216 Resp: 88650

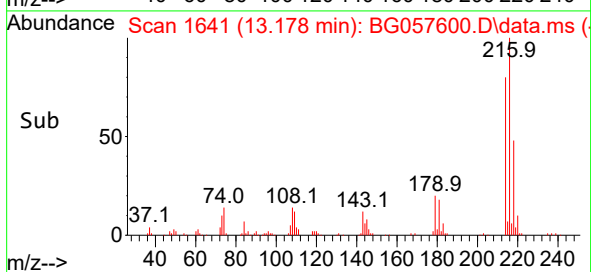
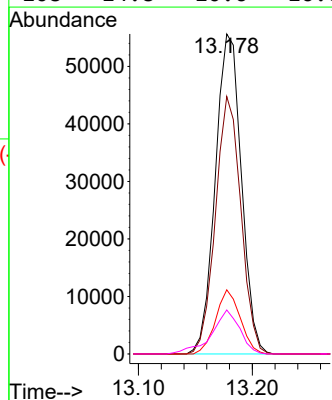
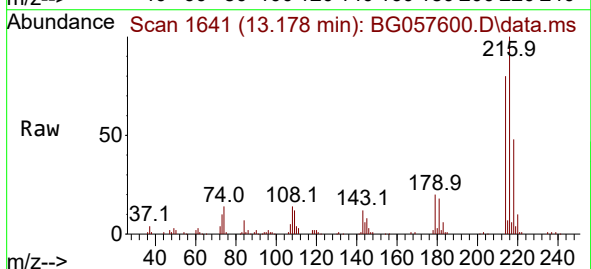
Ion Ratio Lower Upper

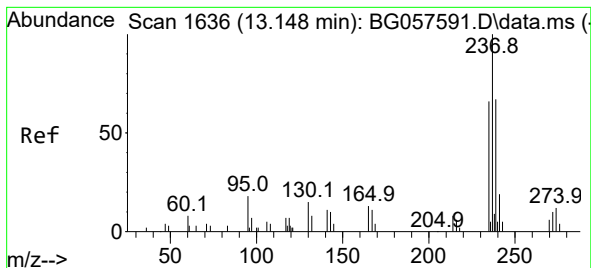
216 100

214 78.4 63.0 94.6

179 18.8 15.0 22.6

108 14.8 10.6 16.0





#41

Hexachlorocyclopentadiene

Concen: 96.539 ng

RT: 13.148 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

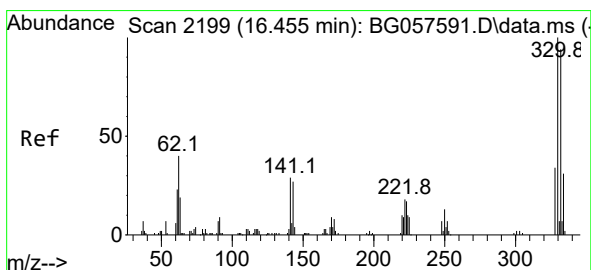
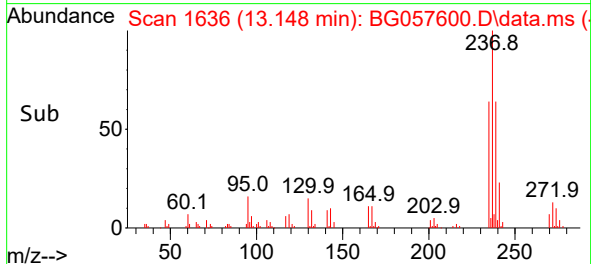
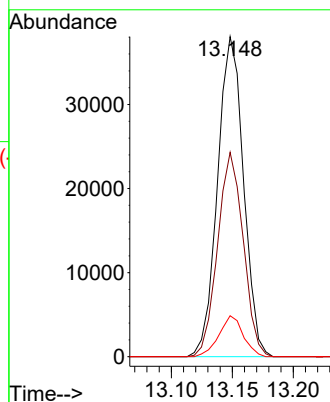
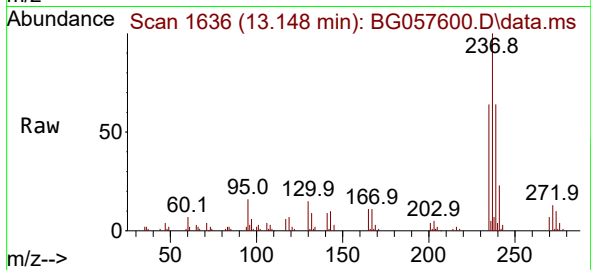
Tgt Ion:237 Resp: 56424

Ion Ratio Lower Upper

237 100

235 63.8 45.7 85.7

272 12.8 0.0 30.1



#42

2,4,6-Tribromophenol

Concen: 135.952 ng

RT: 16.455 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

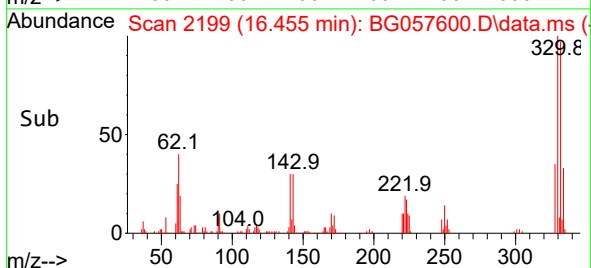
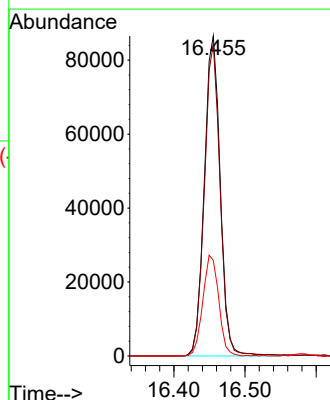
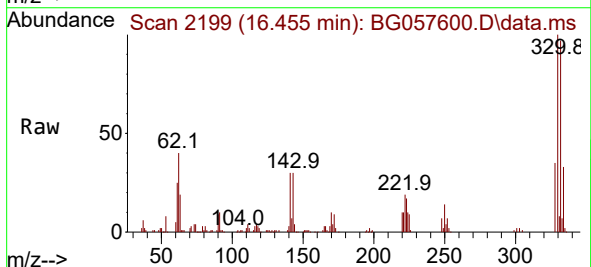
Tgt Ion:330 Resp: 135142

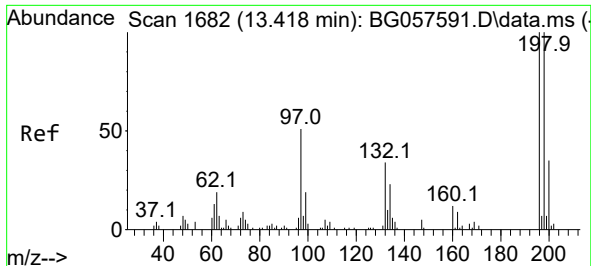
Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 31.3 24.6 37.0

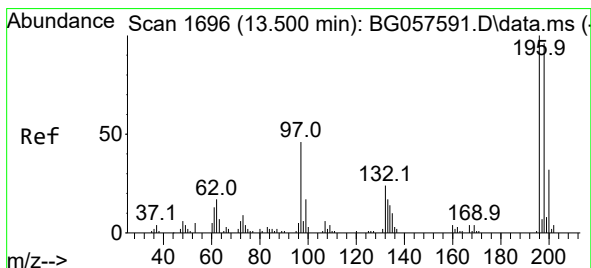
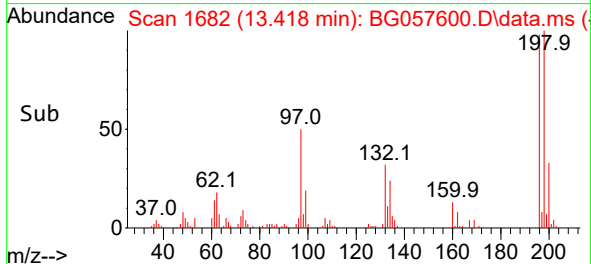
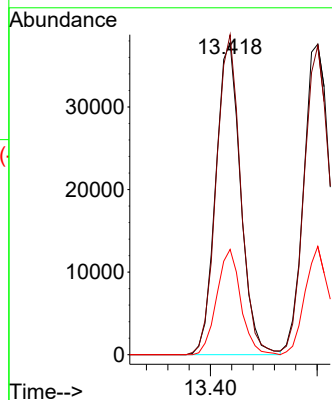
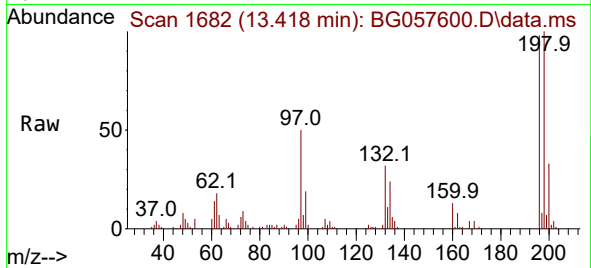




#43
2,4,6-Trichlorophenol
Concen: 47.650 ng
RT: 13.418 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

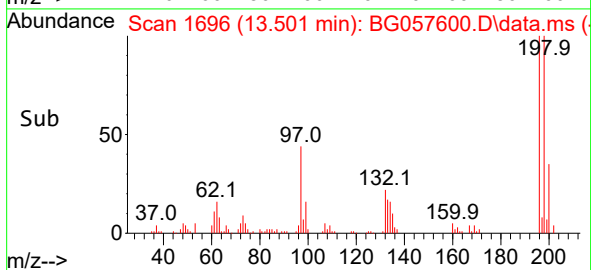
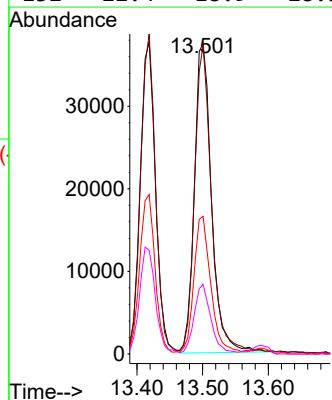
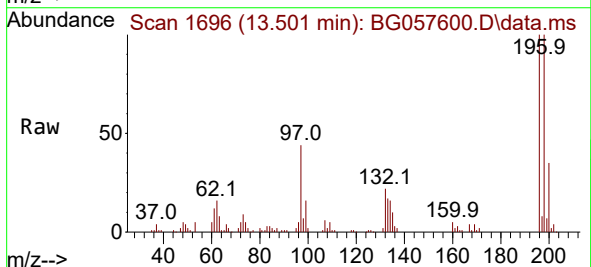
Instrument :
BNA_G
ClientSampleId :
PB153078BS

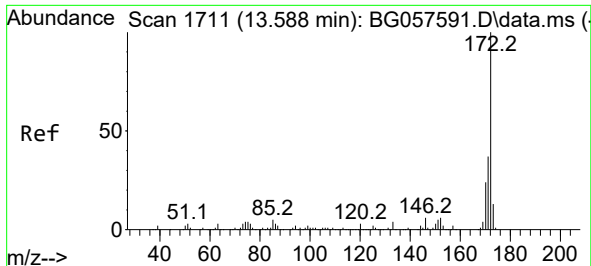
Tgt Ion:196 Resp: 61134
Ion Ratio Lower Upper
196 100
198 102.5 79.6 119.4
200 33.7 28.2 42.2



#44
2,4,5-Trichlorophenol
Concen: 44.775 ng
RT: 13.501 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:196 Resp: 68418
Ion Ratio Lower Upper
196 100
198 99.6 76.9 115.3
97 44.3 36.6 55.0
132 22.4 18.9 28.3

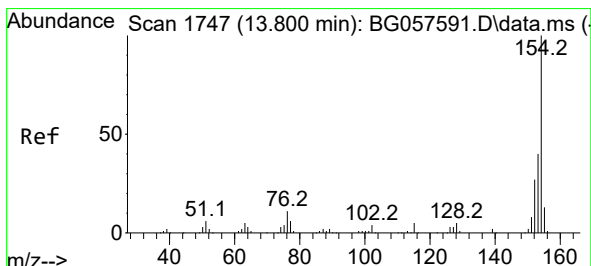
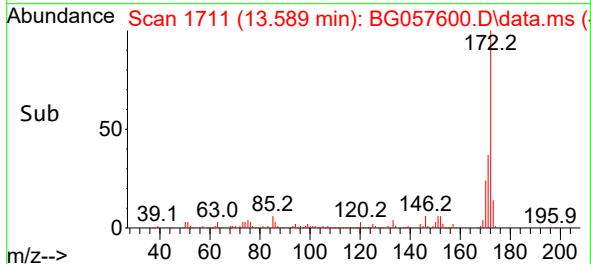
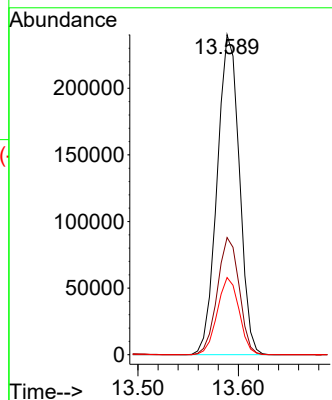
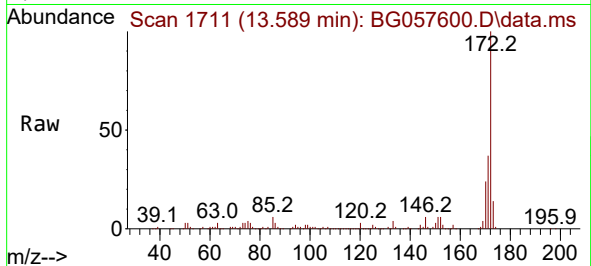




#45
2-Fluorobiphenyl
Concen: 85.327 ng
RT: 13.589 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

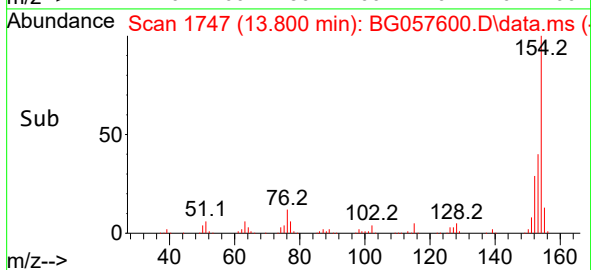
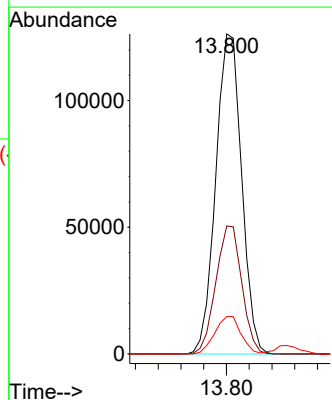
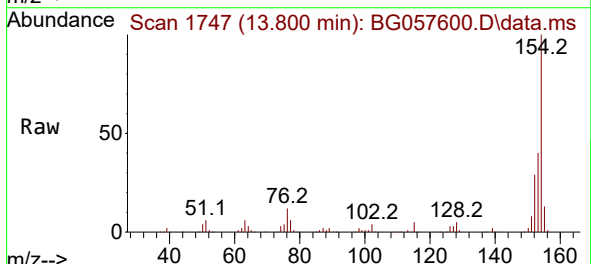
Instrument :
BNA_G
ClientSampleId :
PB153078BS

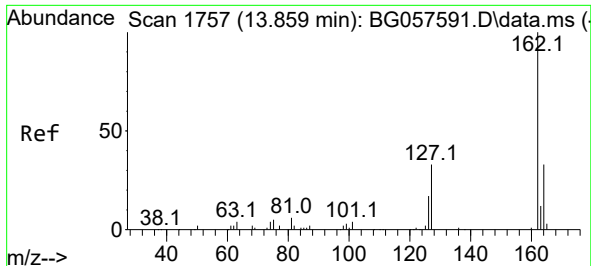
Tgt Ion:172 Resp: 368641
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.901 ng
RT: 13.800 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:154 Resp: 199249
Ion Ratio Lower Upper
154 100
153 40.0 19.6 59.6
76 11.7 0.0 30.9

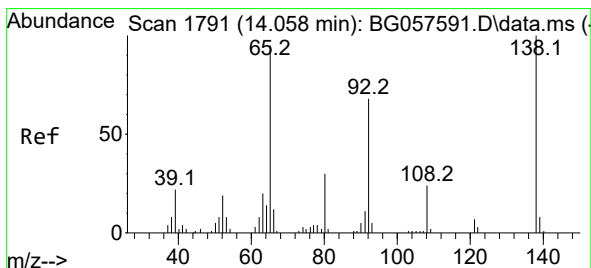
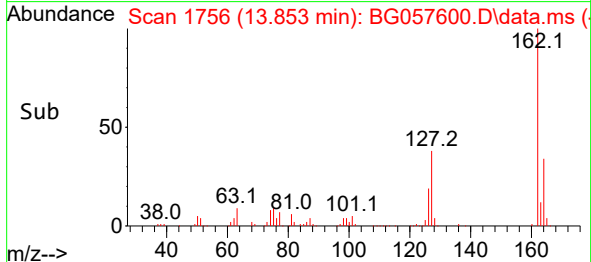
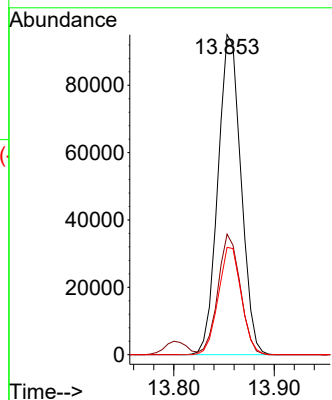
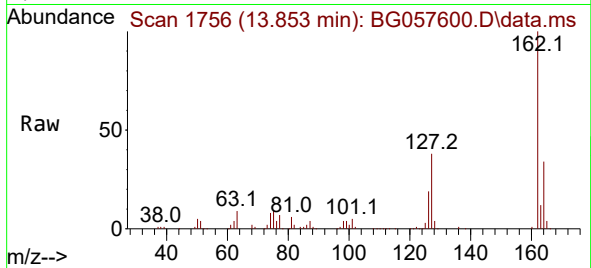




#47
2-Chloronaphthalene
Concen: 45.311 ng
RT: 13.853 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

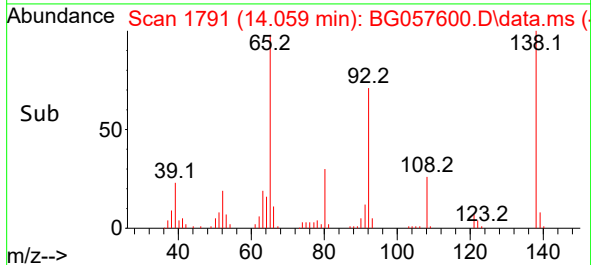
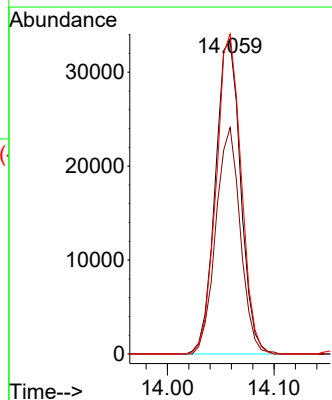
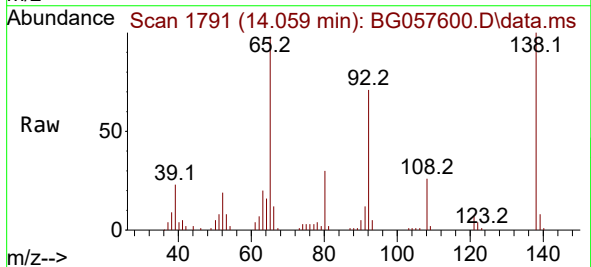
Instrument :
BNA_G
ClientSampleId :
PB153078BS

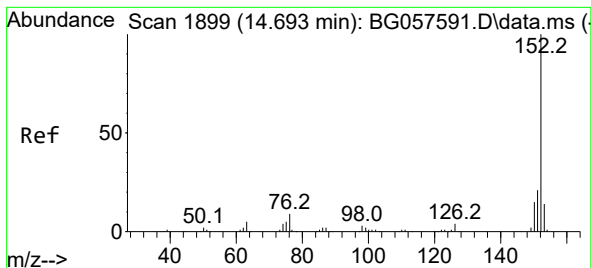
Tgt Ion:162 Resp: 151449
Ion Ratio Lower Upper
162 100
127 37.6 28.2 42.2
164 33.6 26.1 39.1



#48
2-Nitroaniline
Concen: 46.915 ng
RT: 14.059 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion: 65 Resp: 54928
Ion Ratio Lower Upper
65 100
92 72.3 57.3 85.9
138 102.1 84.6 127.0





#49

Acenaphthylene

Concen: 44.573 ng

RT: 14.693 min Scan# 1899

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

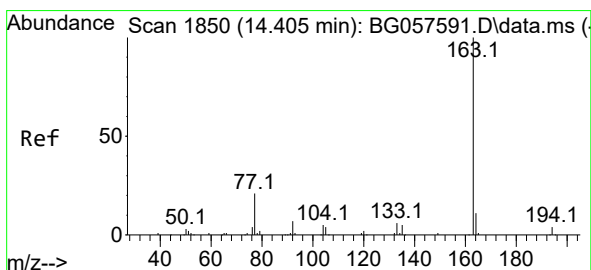
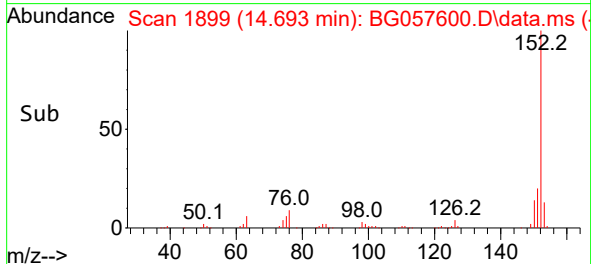
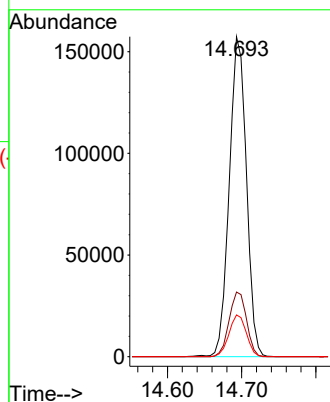
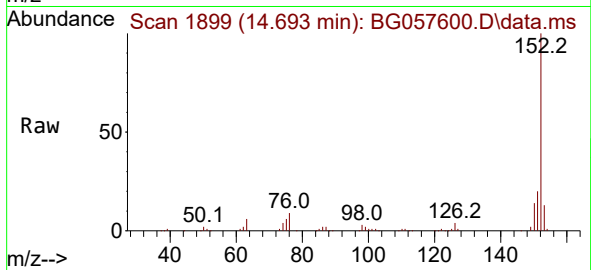
Tgt Ion:152 Resp: 252281

Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7

153 13.0 11.0 16.4



#50

Dimethylphthalate

Concen: 44.464 ng

RT: 14.405 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

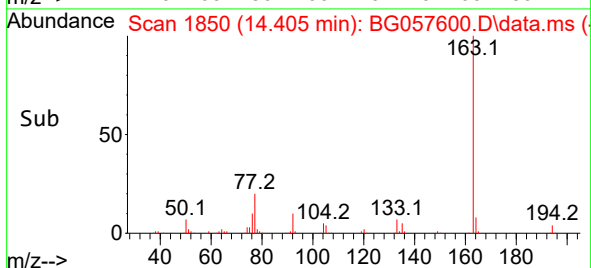
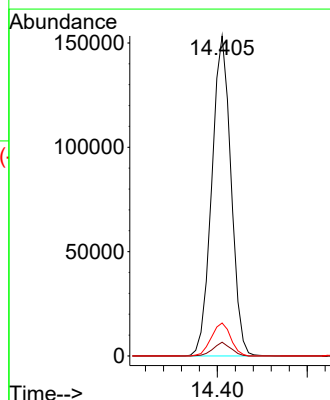
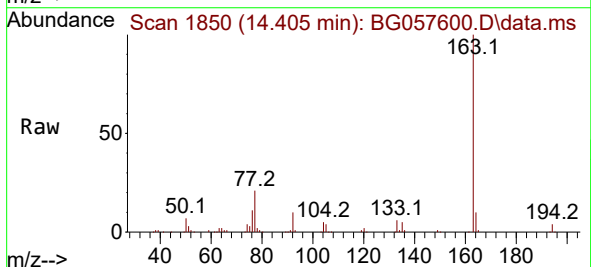
Tgt Ion:163 Resp: 227533

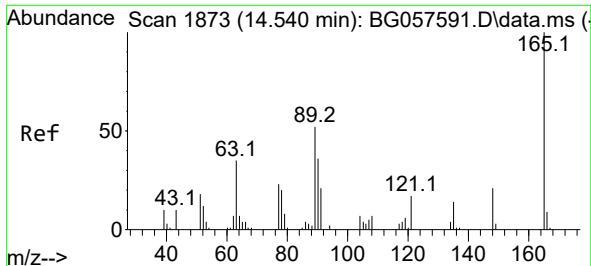
Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

164 10.3 8.5 12.7

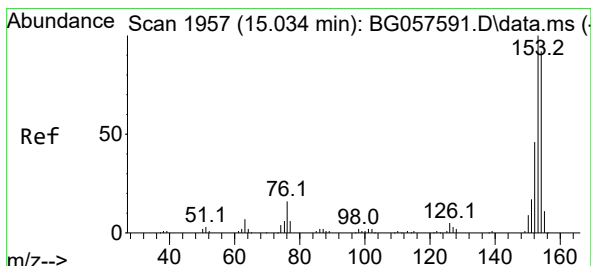
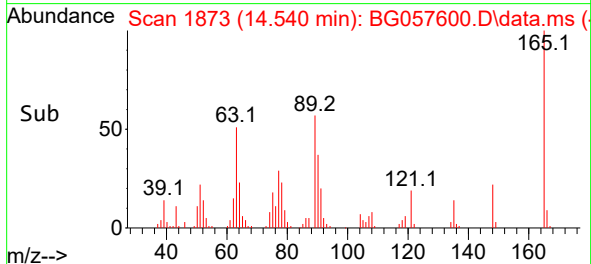
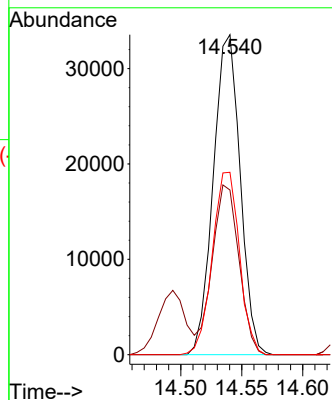
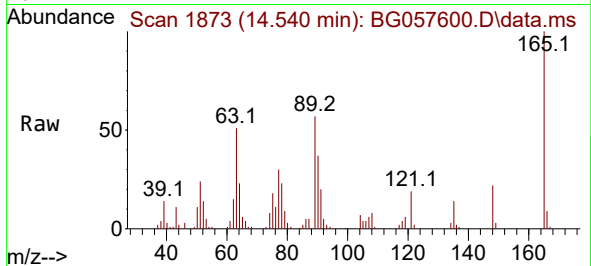




#51
2,6-Dinitrotoluene
Concen: 46.997 ng
RT: 14.540 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

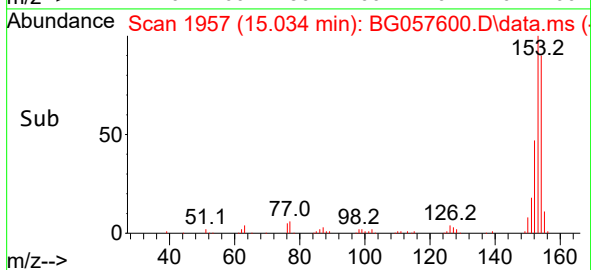
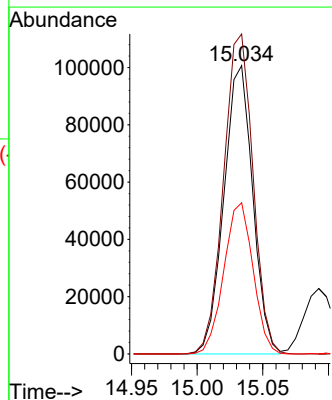
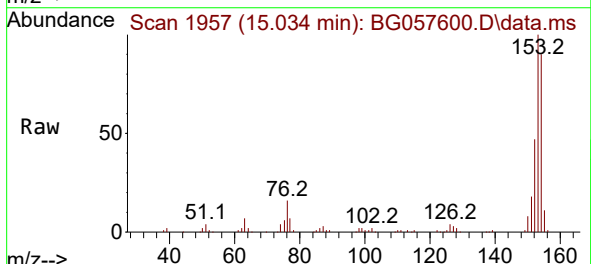
Instrument :
BNA_G
ClientSampleId :
PB153078BS

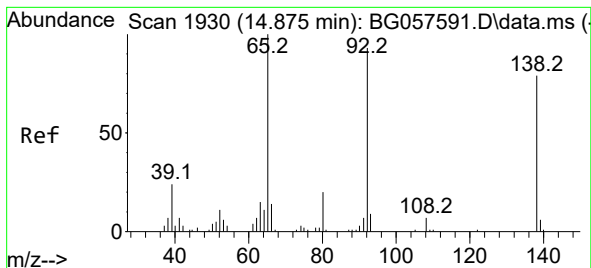
Tgt Ion:165 Resp: 51481
Ion Ratio Lower Upper
165 100
63 51.4 39.3 58.9
89 57.0 41.5 62.3



#52
Acenaphthene
Concen: 44.487 ng
RT: 15.034 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

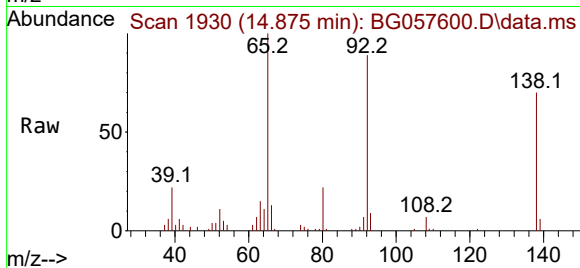
Tgt Ion:154 Resp: 154070
Ion Ratio Lower Upper
154 100
153 111.0 87.4 131.0
152 52.4 40.2 60.4



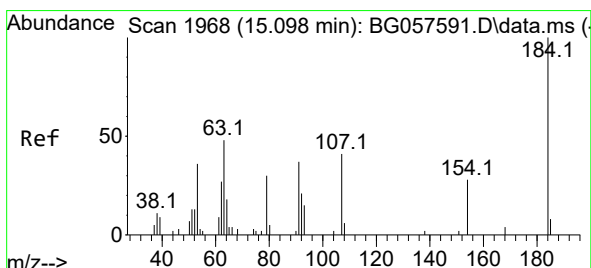
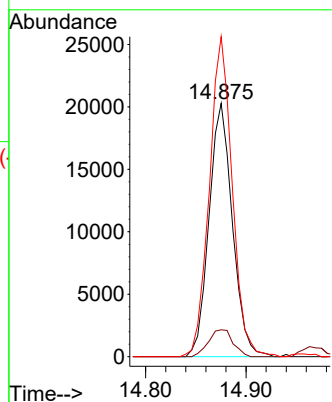
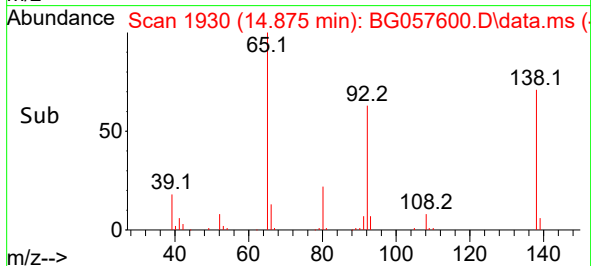


#53
3-Nitroaniline
Concen: 28.759 ng
RT: 14.875 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

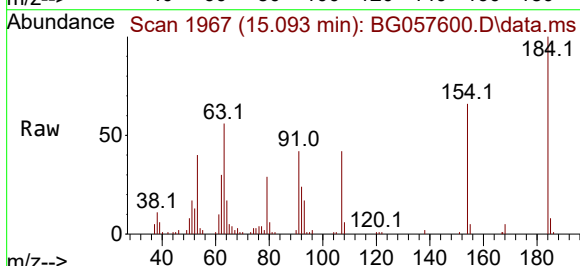
Instrument :
BNA_G
ClientSampleId :
PB153078BS



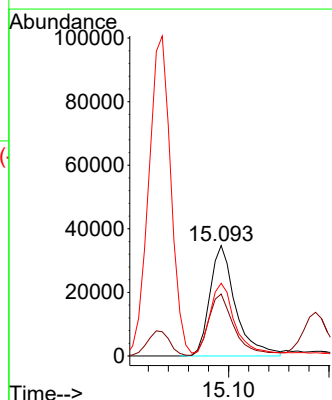
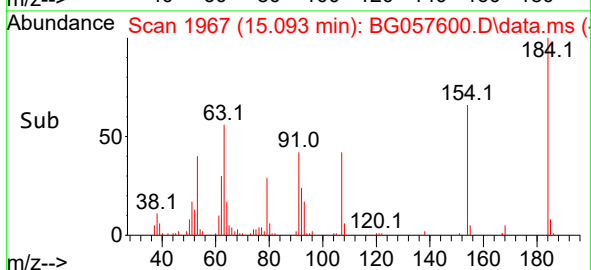
Tgt Ion:138 Resp: 32858
Ion Ratio Lower Upper
138 100
108 10.6 7.1 10.7
92 126.4 94.9 142.3

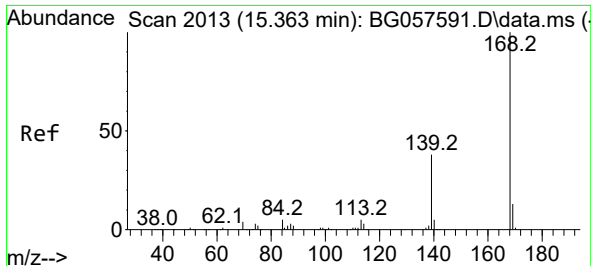


#54
2,4-Dinitrophenol
Concen: 92.217 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02



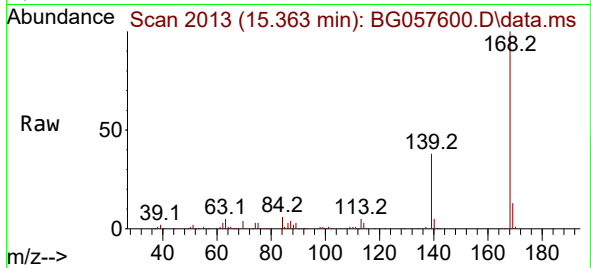
Tgt Ion:184 Resp: 61733
Ion Ratio Lower Upper
184 100
63 56.1 41.4 62.2
154 65.9 52.5 78.7



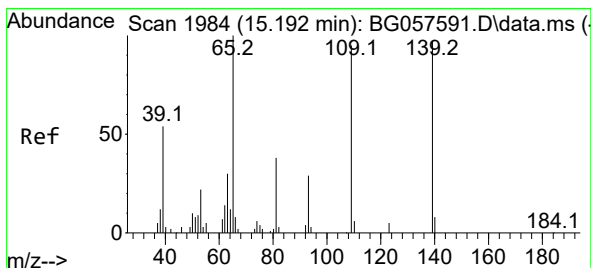
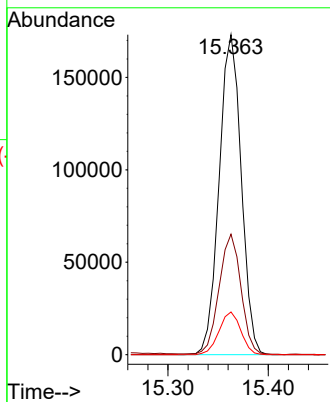
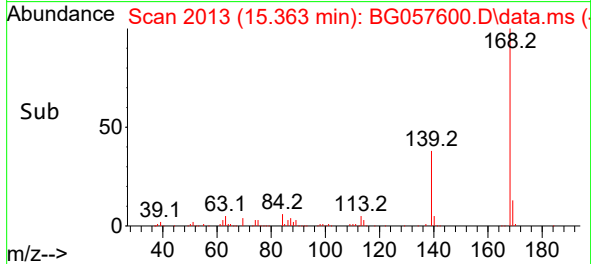


#55
Dibenzofuran
Concen: 44.598 ng
RT: 15.363 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

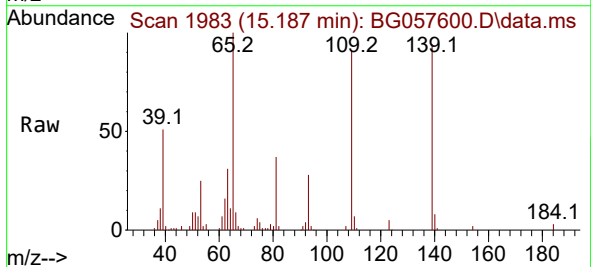
Instrument :
BNA_G
ClientSampleId :
PB153078BS



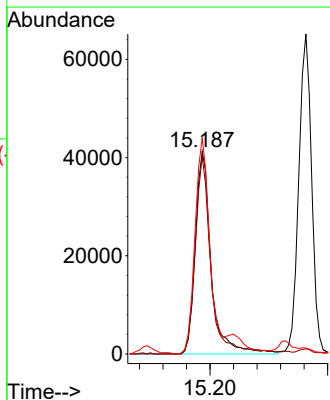
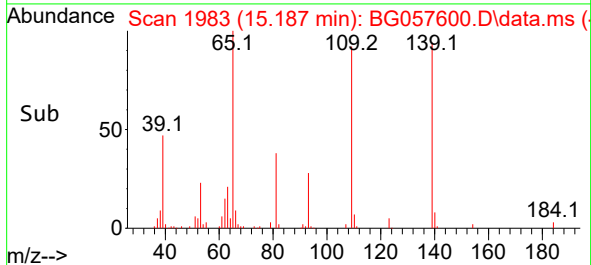
Tgt Ion:168 Resp: 263924
Ion Ratio Lower Upper
168 100
139 37.6 30.6 46.0
169 13.4 10.6 16.0

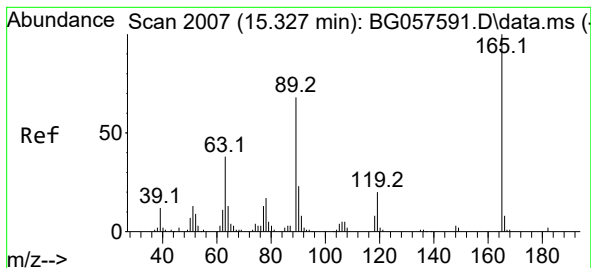


#56
4-Nitrophenol
Concen: 101.329 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.005 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02



Tgt Ion:139 Resp: 77136
Ion Ratio Lower Upper
139 100
109 97.5 78.2 118.2
65 106.7 83.2 123.2

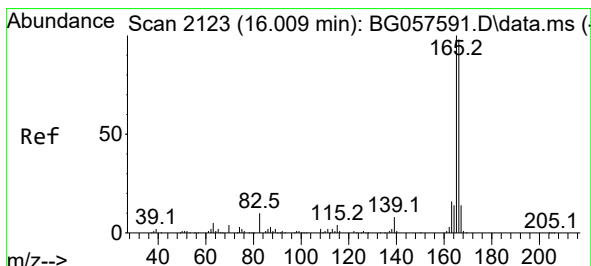
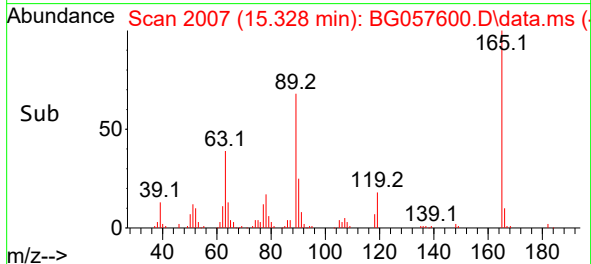
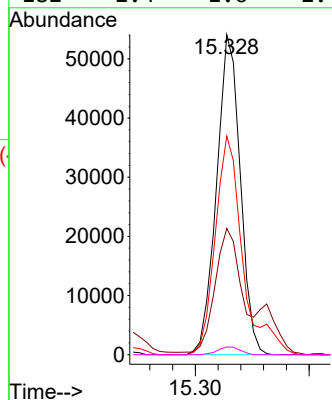
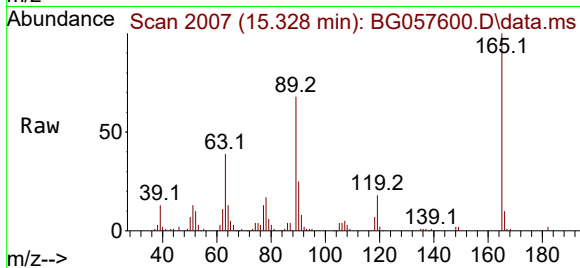




#57
2,4-Dinitrotoluene
Concen: 47.777 ng
RT: 15.328 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

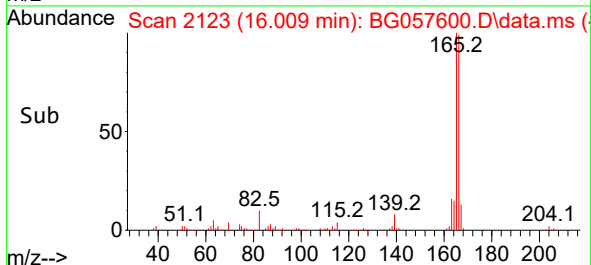
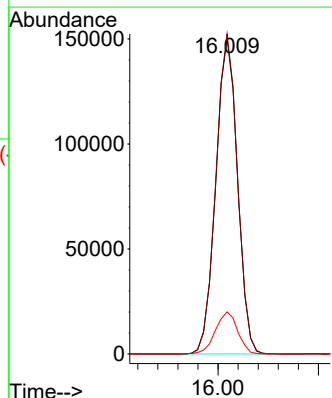
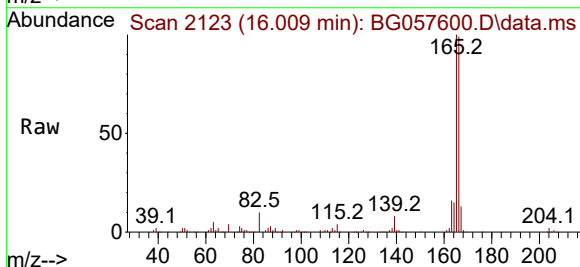
Instrument :
BNA_G
ClientSampleId :
PB153078BS

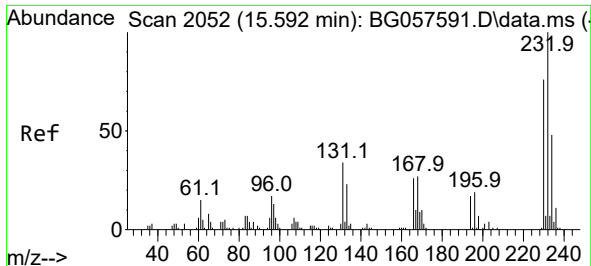
Tgt Ion:	165	Resp:	78360
Ion Ratio	Lower	Upper	
165	100		
63	39.5	30.6	45.8
89	68.4	54.2	81.2
182	2.4	1.6	2.4



#58
Fluorene
Concen: 45.017 ng
RT: 16.009 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:	166	Resp:	224932
Ion Ratio	Lower	Upper	
166	100		
165	101.4	81.2	121.8
167	13.3	11.1	16.7

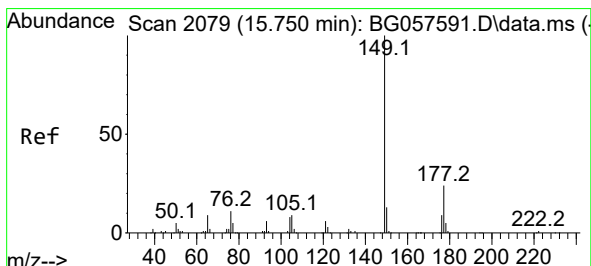
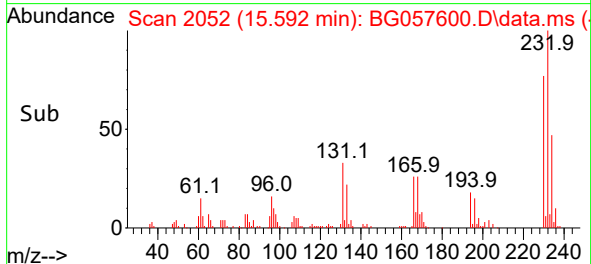
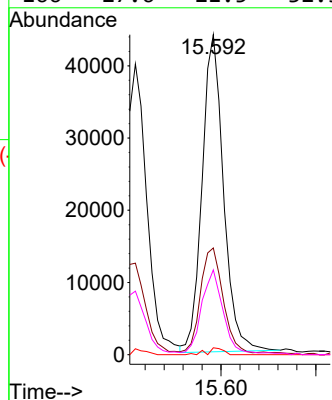
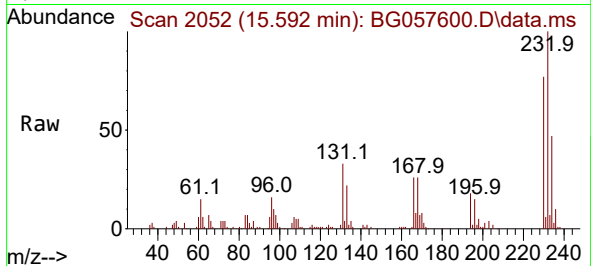




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.218 ng
RT: 15.592 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

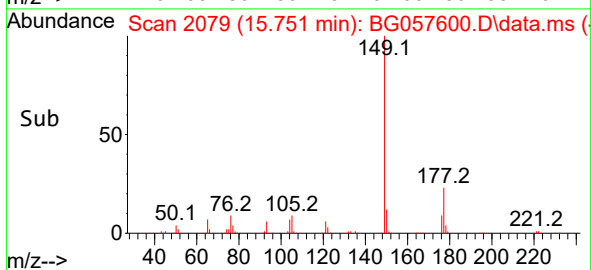
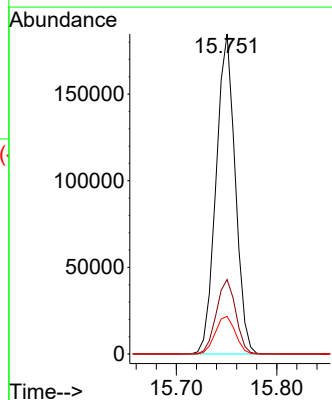
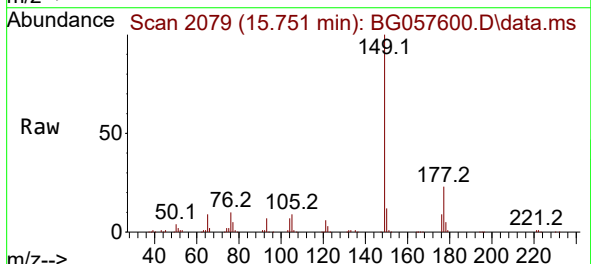
Instrument :
BNA_G
ClientSampleId :
PB153078BS

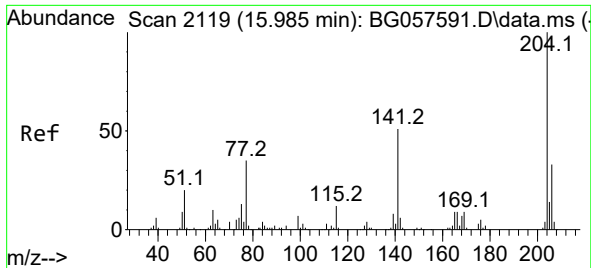
Tgt Ion:232 Resp: 69026
Ion Ratio Lower Upper
232 100
131 34.6 28.6 43.0
130 1.6 1.8 2.6#
166 27.6 21.5 32.3



#60
Diethylphthalate
Concen: 45.649 ng
RT: 15.751 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:149 Resp: 243815
Ion Ratio Lower Upper
149 100
177 23.3 19.0 28.6
150 11.7 10.1 15.1

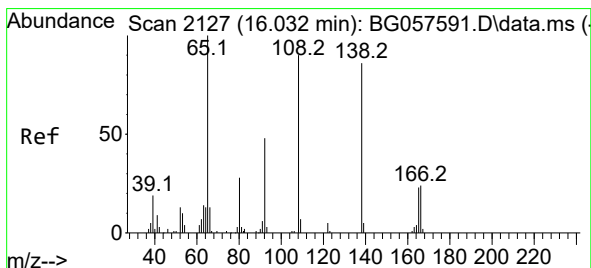
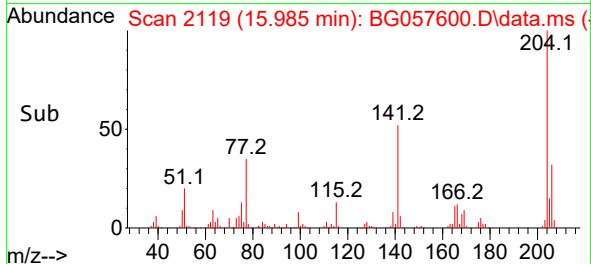
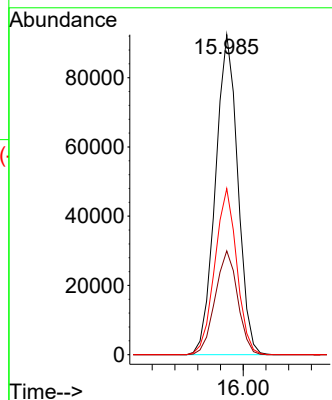
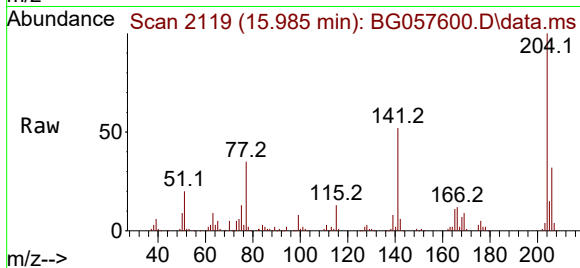




#61
4-Chlorophenyl-phenylether
Concen: 45.260 ng
RT: 15.985 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

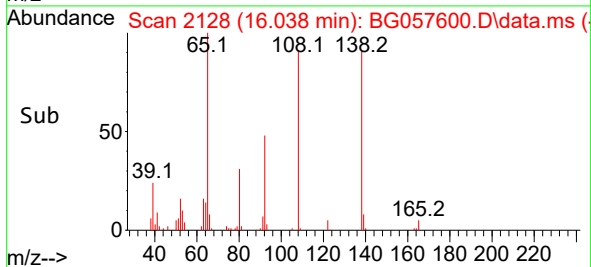
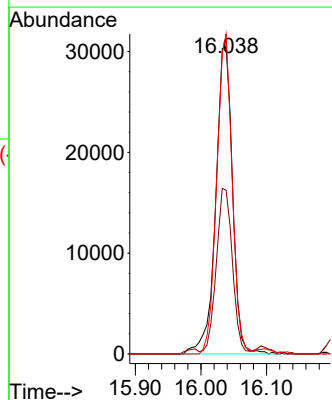
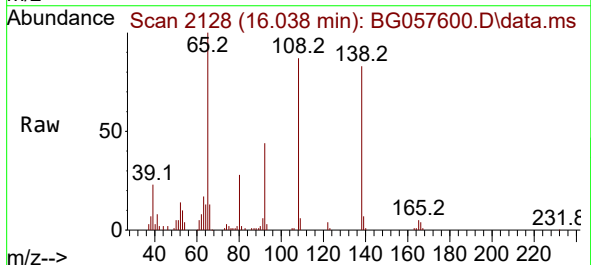
Instrument :
BNA_G
ClientSampleId :
PB153078BS

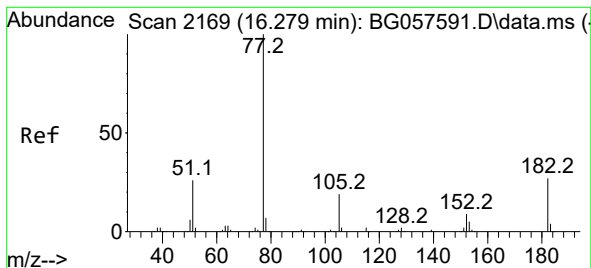
Tgt Ion:204 Resp: 126031
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 51.9 40.8 61.2



#62
4-Nitroaniline
Concen: 44.068 ng
RT: 16.038 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:138 Resp: 54313
Ion Ratio Lower Upper
138 100
92 53.3 36.4 76.4
108 104.2 85.4 125.4





#63

Azobenzene

Concen: 45.828 ng

RT: 16.279 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

Tgt Ion: 77 Resp: 217683

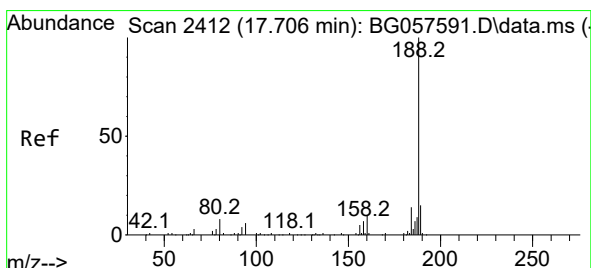
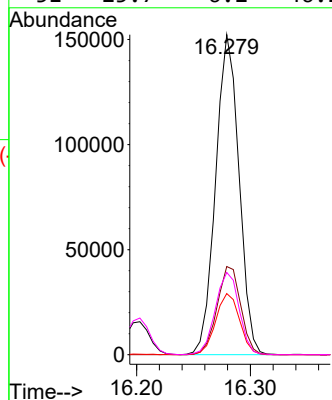
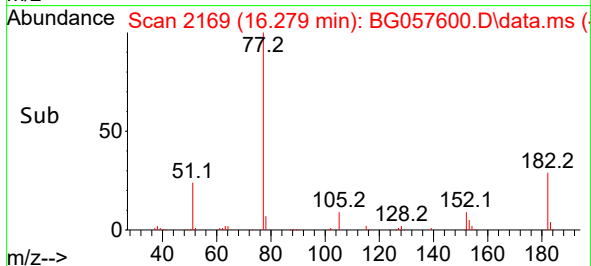
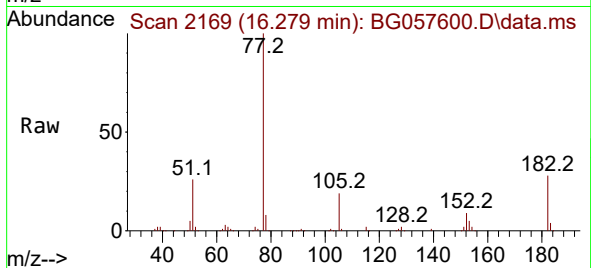
Ion Ratio Lower Upper

77 100

182 27.5 7.4 47.4

105 19.1 0.0 39.4

51 25.7 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: BG057600.D

Acq: 27 May 2023 2:02

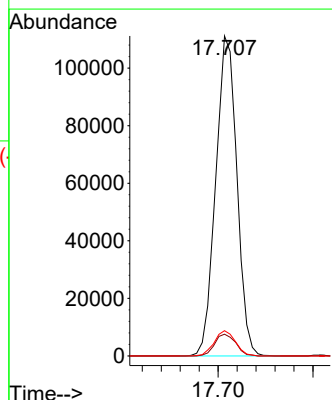
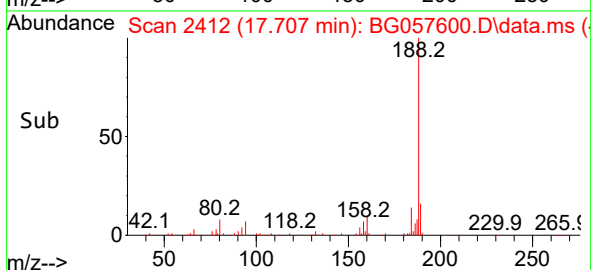
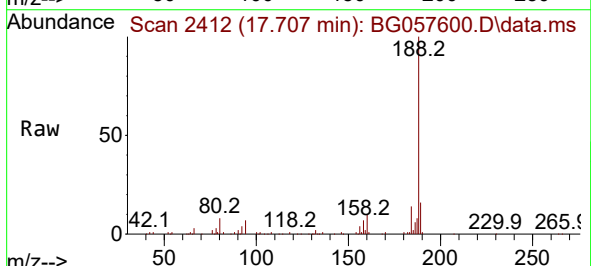
Tgt Ion:188 Resp: 172544

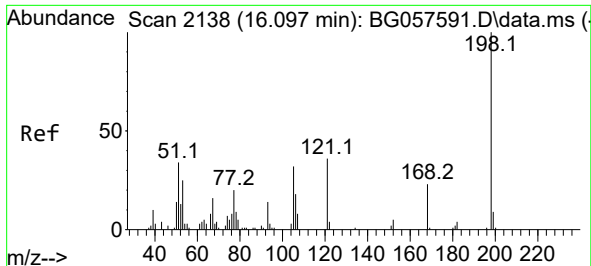
Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

80 7.9 6.7 10.1

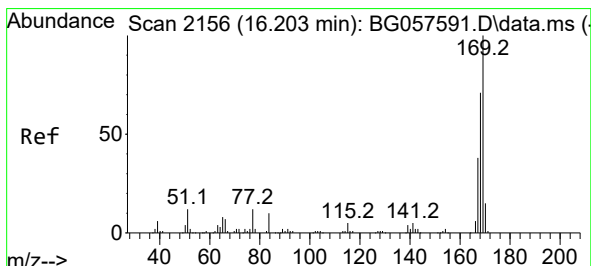
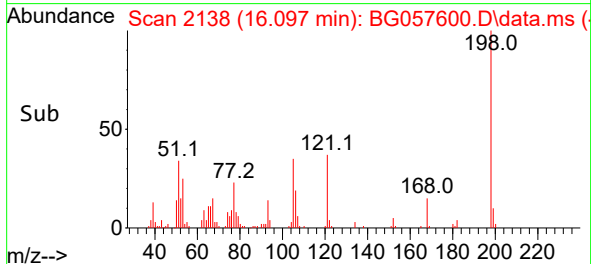
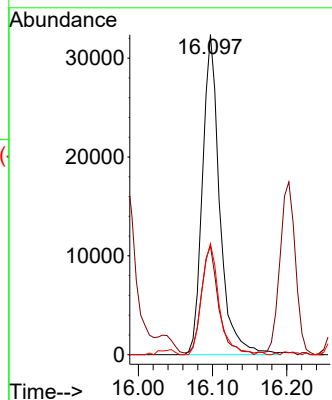
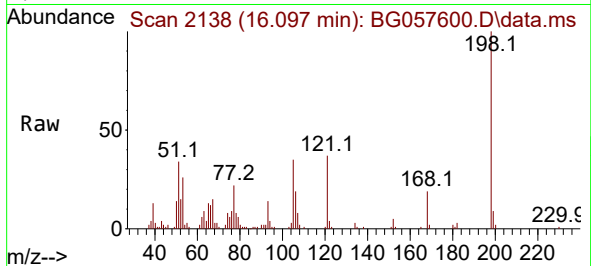




#65
4,6-Dinitro-2-methylphenol
Concen: 49.983 ng
RT: 16.097 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

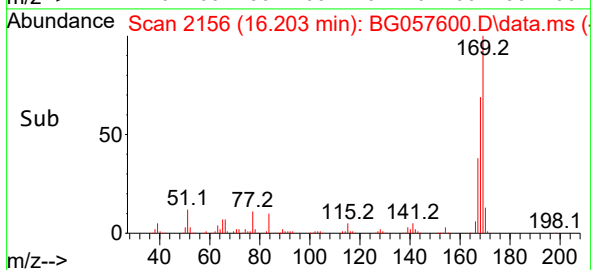
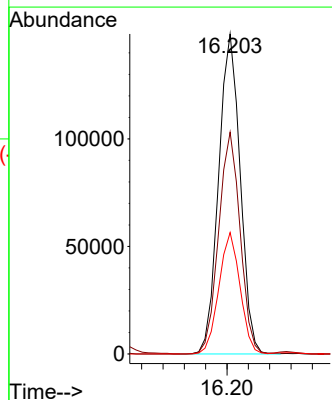
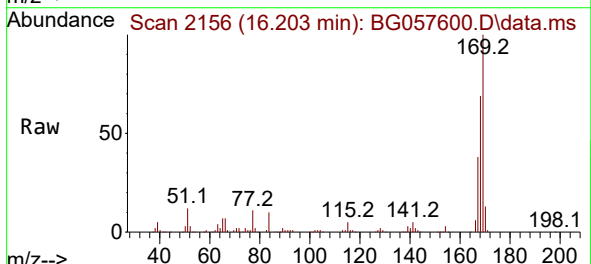
Instrument :
BNA_G
ClientSampleId :
PB153078BS

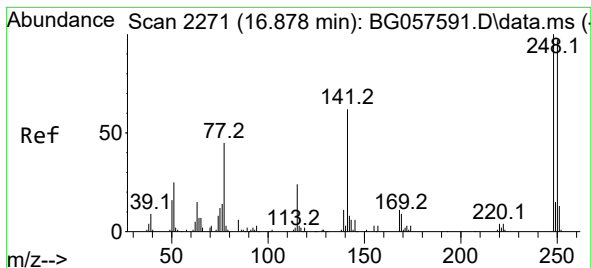
Tgt Ion:198 Resp: 52512
Ion Ratio Lower Upper
198 100
51 34.0 14.9 54.9
105 34.7 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 46.487 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:169 Resp: 208478
Ion Ratio Lower Upper
169 100
168 69.3 56.7 85.1
167 38.0 30.7 46.1

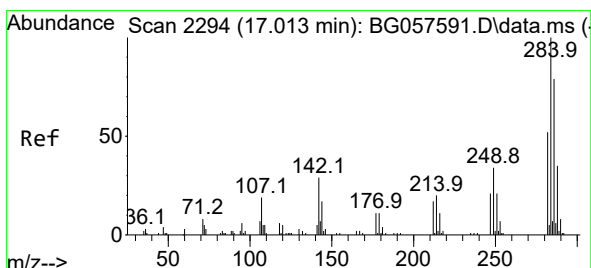
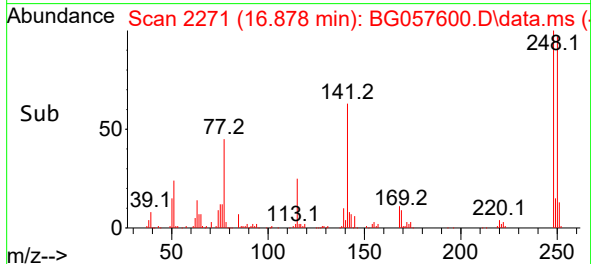
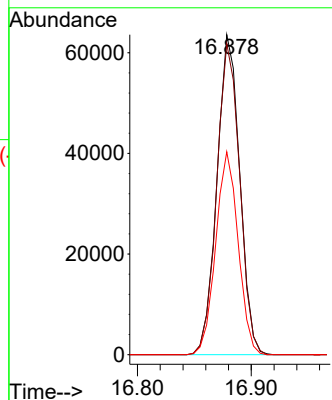
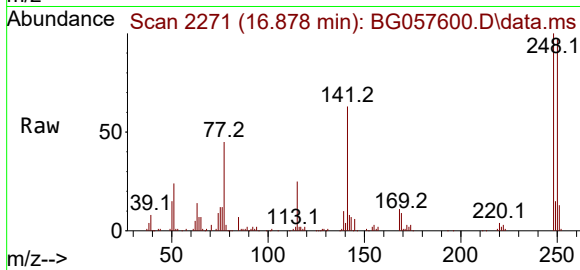




#67
4-Bromophenyl-phenylether
Concen: 45.823 ng
RT: 16.878 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

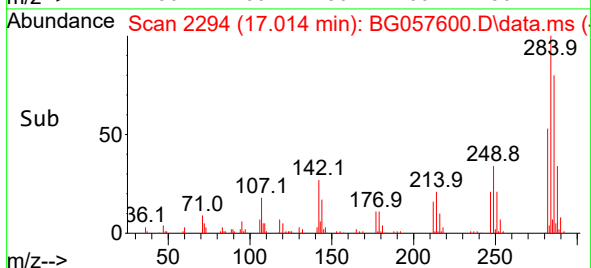
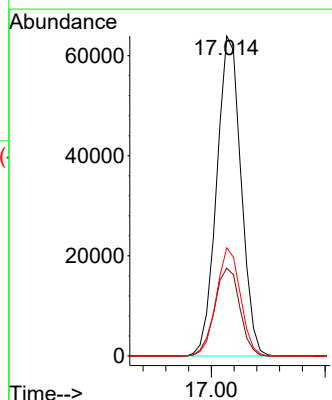
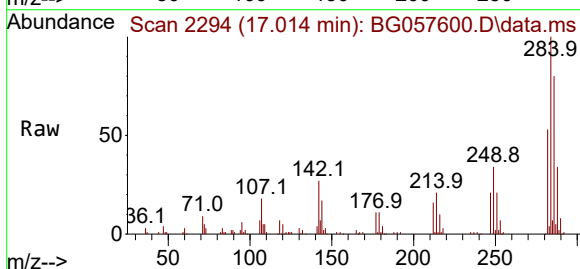
Instrument :
BNA_G
ClientSampleId :
PB153078BS

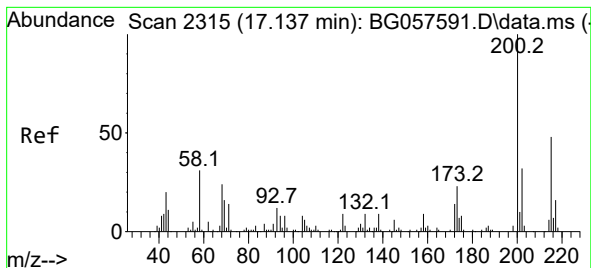
Tgt Ion:248 Resp: 88690
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 63.4 49.4 74.0



#68
Hexachlorobenzene
Concen: 47.654 ng
RT: 17.014 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:284 Resp: 95075
Ion Ratio Lower Upper
284 100
142 27.4 22.9 34.3
249 33.8 27.0 40.4





#69

Atrazine

Concen: 50.270 ng

RT: 17.137 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

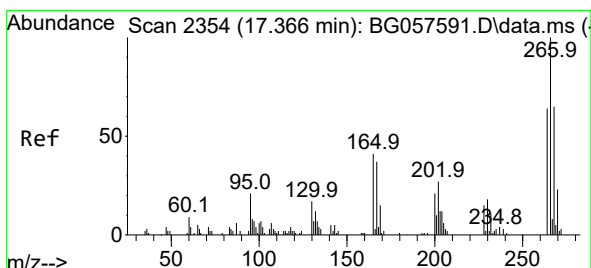
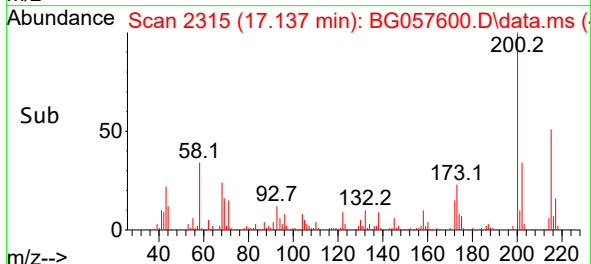
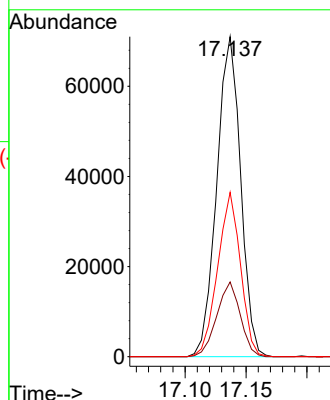
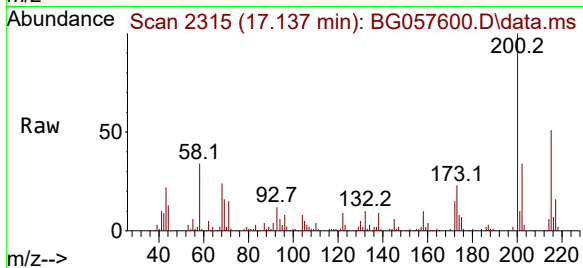
Tgt Ion:200 Resp: 96791

Ion Ratio Lower Upper

200 100

173 23.4 3.2 43.2

215 51.4 28.4 68.4



#70

Pentachlorophenol

Concen: 89.227 ng

RT: 17.360 min Scan# 2353

Delta R.T. -0.006 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

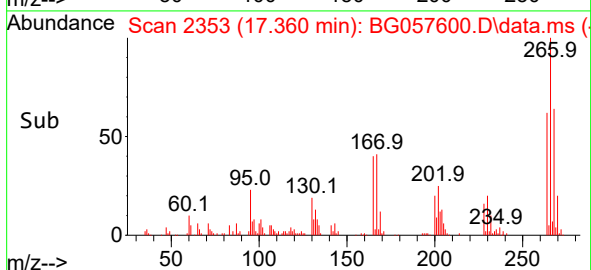
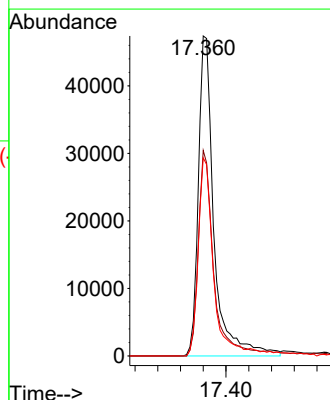
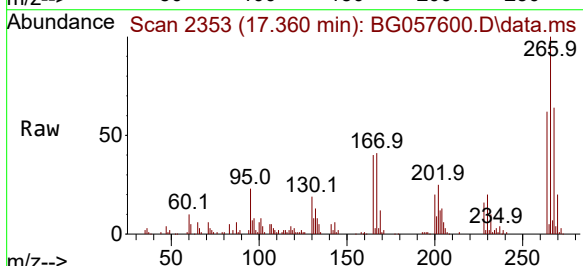
Tgt Ion:266 Resp: 90706

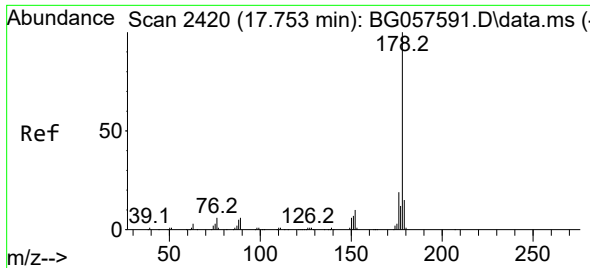
Ion Ratio Lower Upper

266 100

268 64.2 52.2 78.4

264 61.9 51.2 76.8

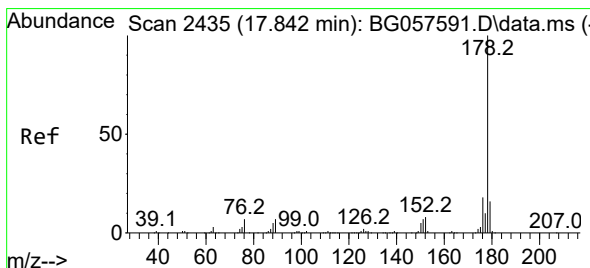
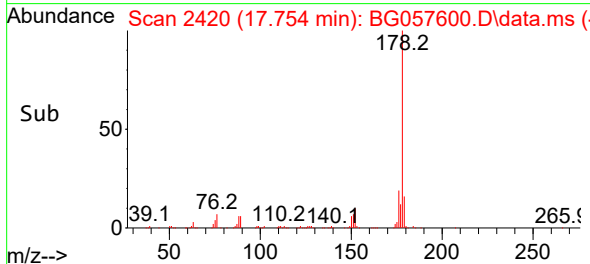
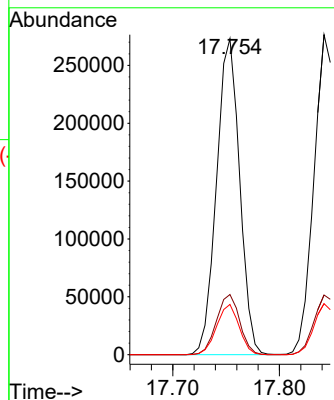
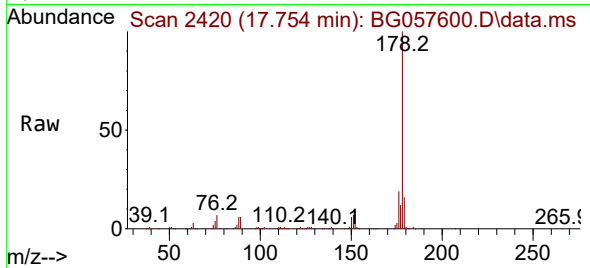




#71
Phenanthrene
Concen: 46.504 ng
RT: 17.754 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

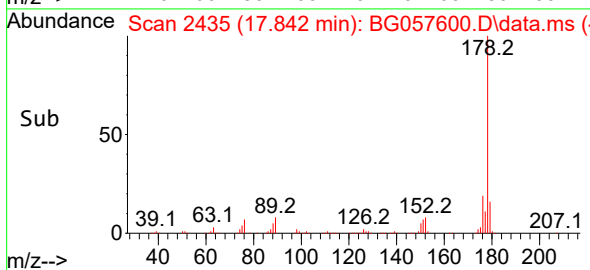
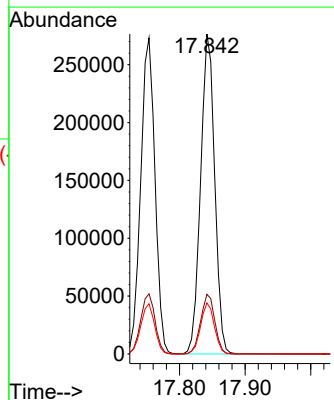
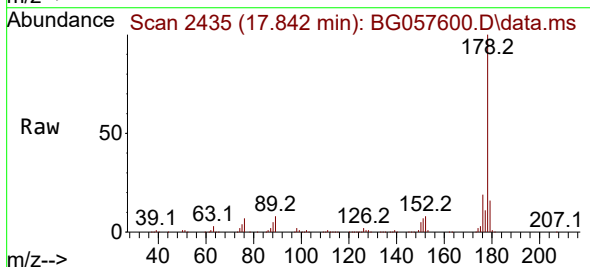
Instrument :
BNA_G
ClientSampleId :
PB153078BS

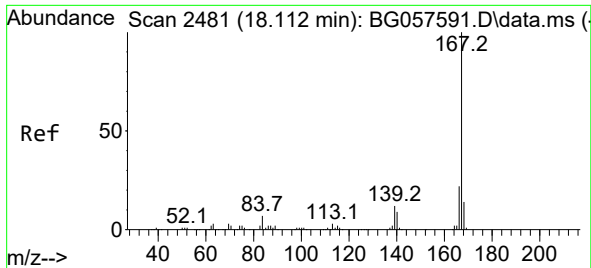
Tgt Ion:178 Resp: 410622
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.9 12.0 18.0



#72
Anthracene
Concen: 45.637 ng
RT: 17.842 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:178 Resp: 413387
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.9 12.6 18.8

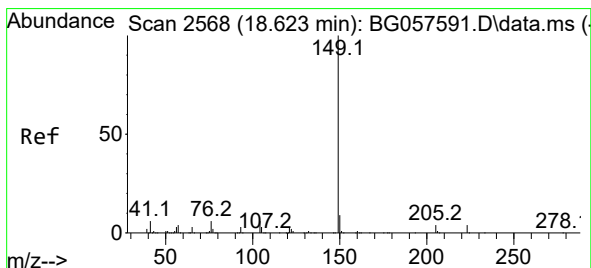
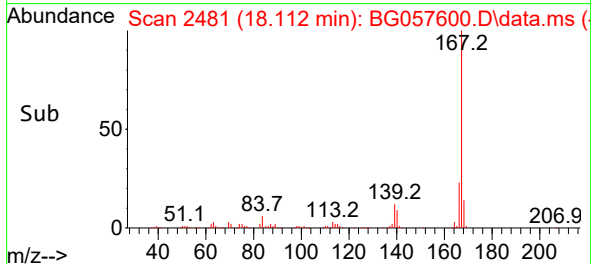
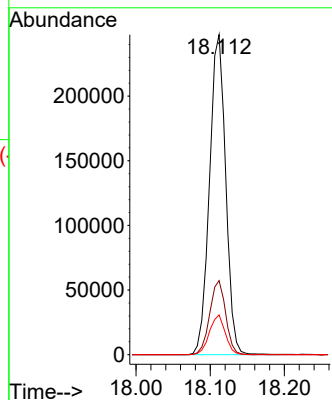
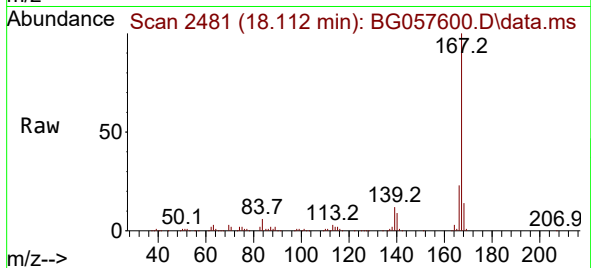




#73
 Carbazole
 Concen: 46.376 ng
 RT: 18.112 min Scan# 2481
 Delta R.T. 0.000 min
 Lab File: BG057600.D
 Acq: 27 May 2023 2:02

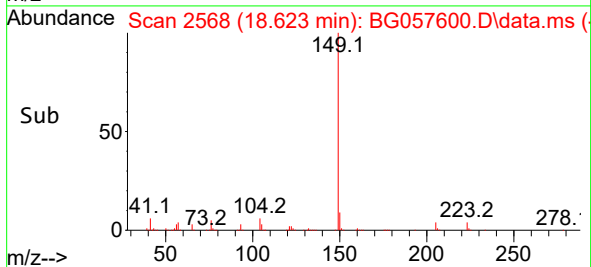
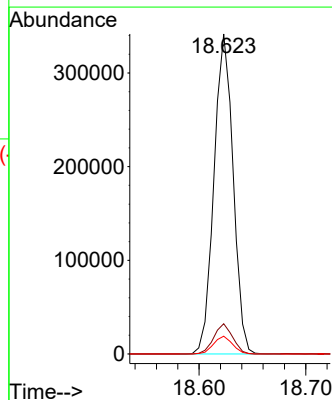
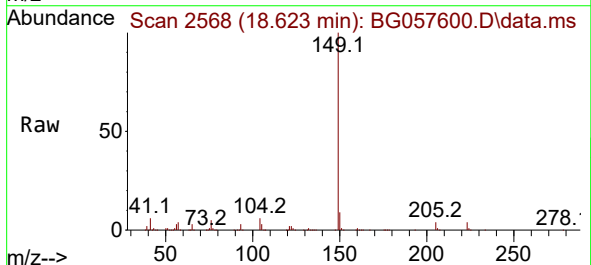
Instrument :
 BNA_G
 ClientSampleId :
 PB153078BS

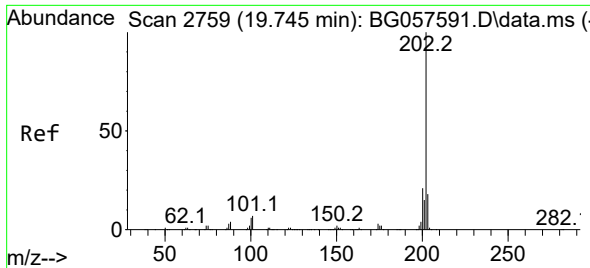
Tgt Ion:167 Resp: 375799
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.9 26.9
 139 12.4 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 44.301 ng
 RT: 18.623 min Scan# 2568
 Delta R.T. 0.000 min
 Lab File: BG057600.D
 Acq: 27 May 2023 2:02

Tgt Ion:149 Resp: 426157
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.6 4.6 6.8

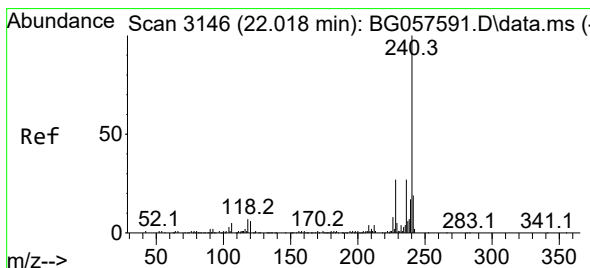
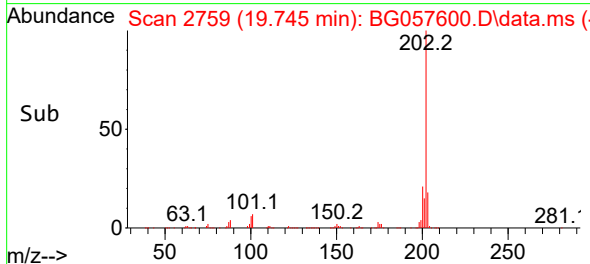
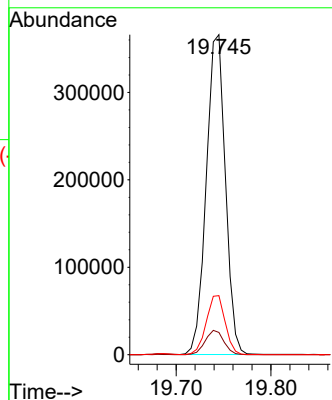
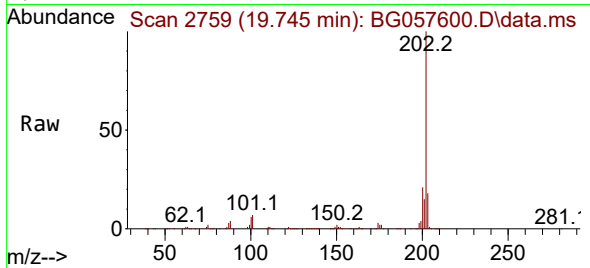




#75
Fluoranthene
Concen: 44.661 ng
RT: 19.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

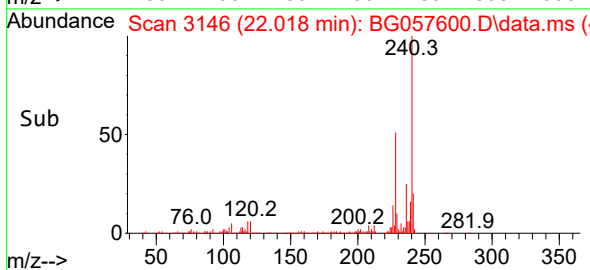
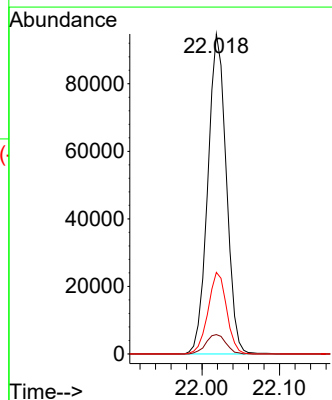
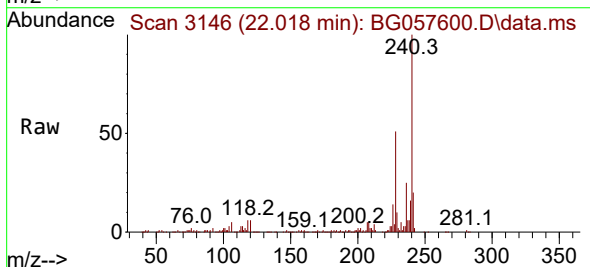
Instrument :
BNA_G
ClientSampleId :
PB153078BS

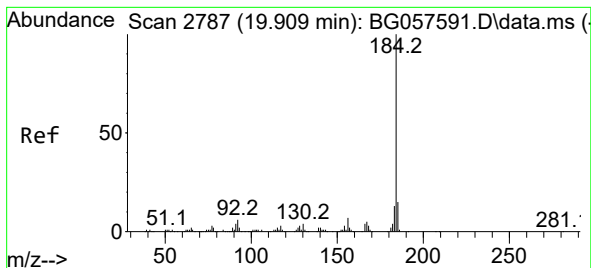
Tgt Ion:202 Resp: 511940
Ion Ratio Lower Upper
202 100
101 6.9 0.0 27.5
203 18.5 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:240 Resp: 157116
Ion Ratio Lower Upper
240 100
120 6.0 5.2 7.8
236 25.5 21.4 32.0





#77

Benzidine

Concen: 57.357 ng

RT: 19.910 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

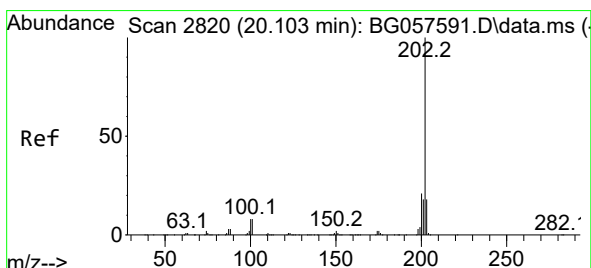
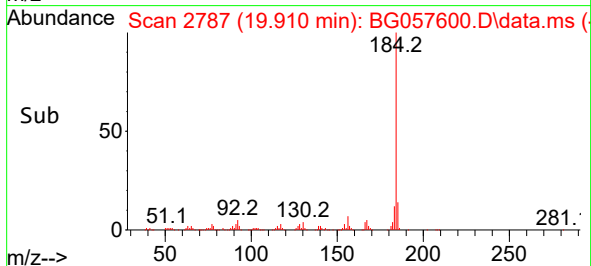
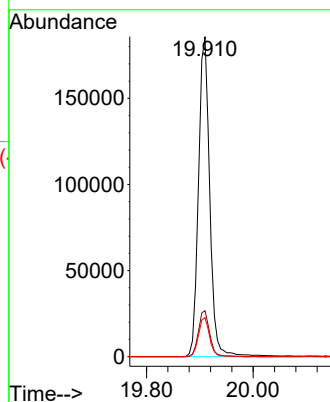
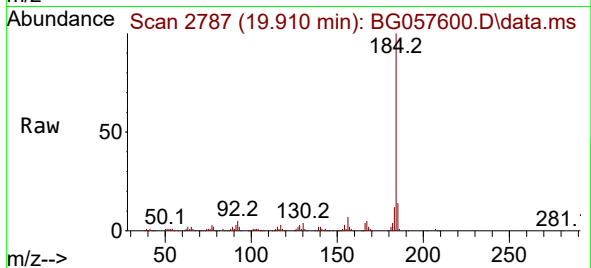
Tgt Ion:184 Resp: 272697

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

183 12.2 10.0 15.0



#78

Pyrene

Concen: 46.326 ng

RT: 20.103 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

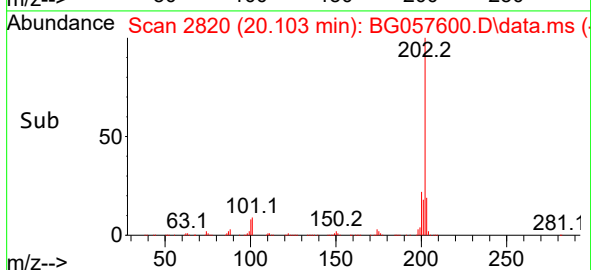
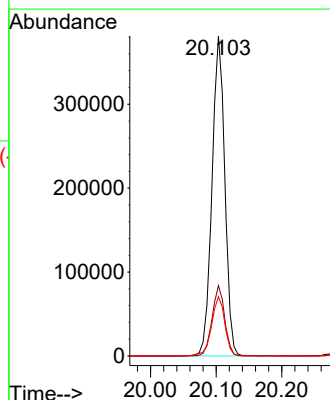
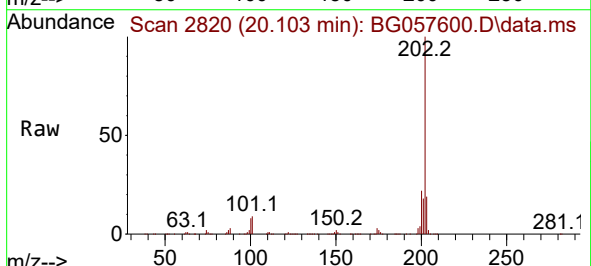
Tgt Ion:202 Resp: 518249

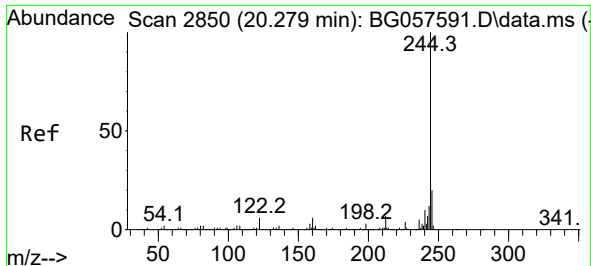
Ion Ratio Lower Upper

202 100

200 22.0 16.8 25.2

203 18.5 14.5 21.7

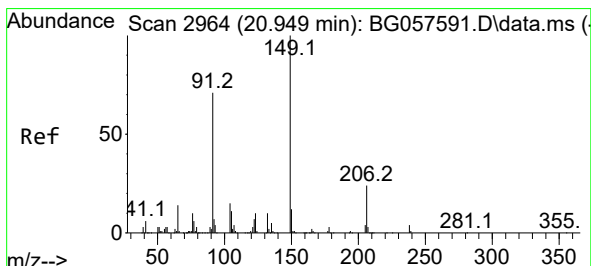
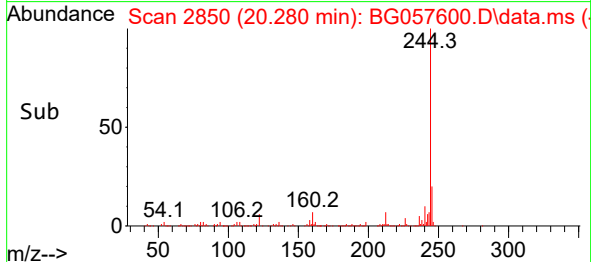
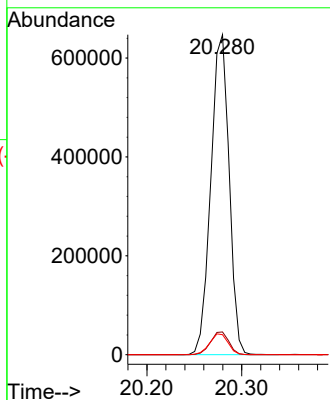
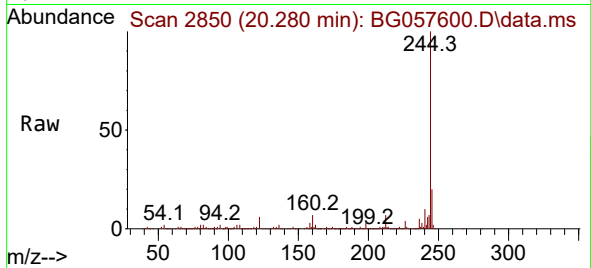




#79
 Terphenyl-d14
 Concen: 95.477 ng
 RT: 20.280 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057600.D
 Acq: 27 May 2023 2:02

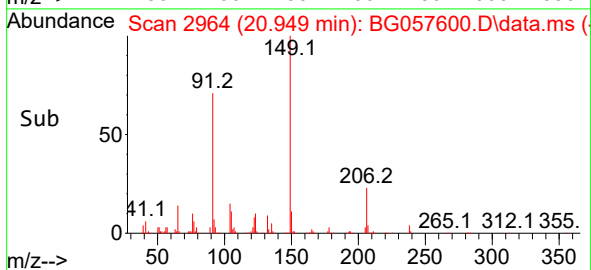
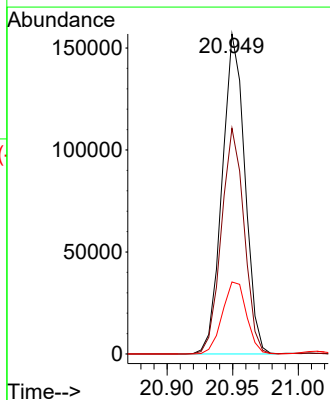
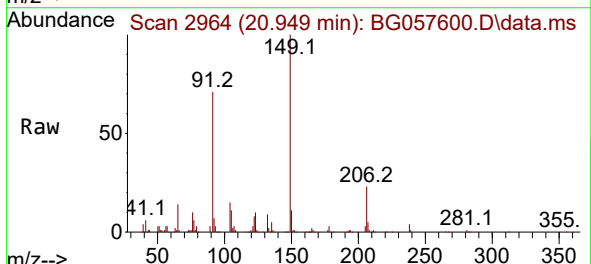
Instrument :
 BNA_G
 ClientSampleId :
 PB153078BS

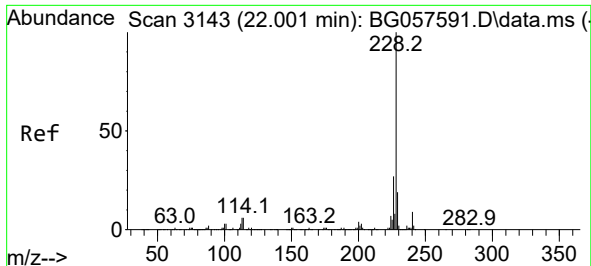
Tgt Ion:244 Resp: 865991
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 6.3 4.8 7.2



#80
 Butylbenzylphthalate
 Concen: 46.400 ng
 RT: 20.949 min Scan# 2964
 Delta R.T. 0.000 min
 Lab File: BG057600.D
 Acq: 27 May 2023 2:02

Tgt Ion:149 Resp: 189045
 Ion Ratio Lower Upper
 149 100
 91 70.5 57.0 85.6
 206 22.5 19.4 29.2

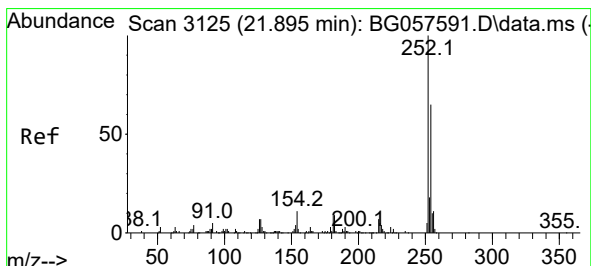
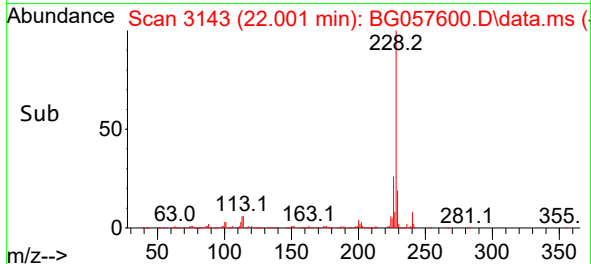
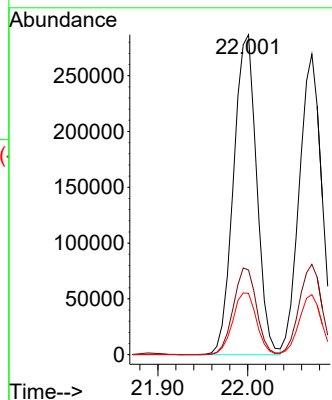
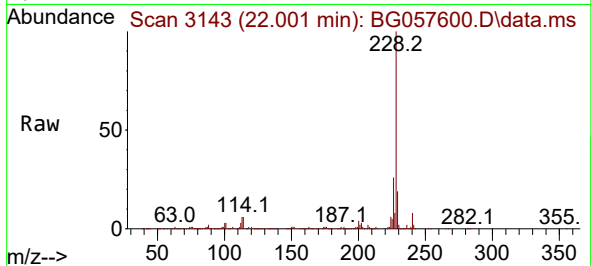




#81
Benzo(a)anthracene
Concen: 46.987 ng
RT: 22.001 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

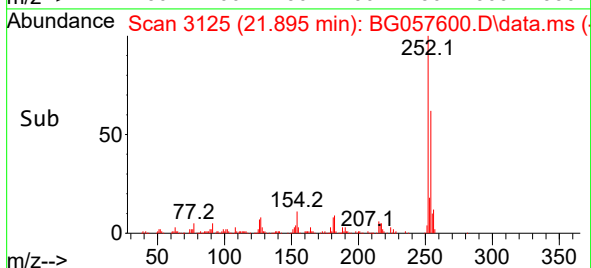
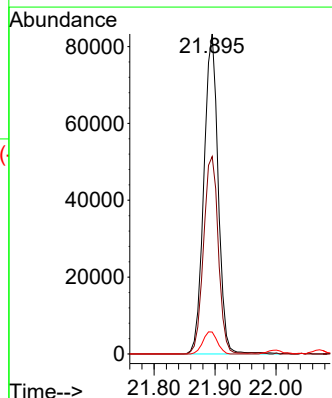
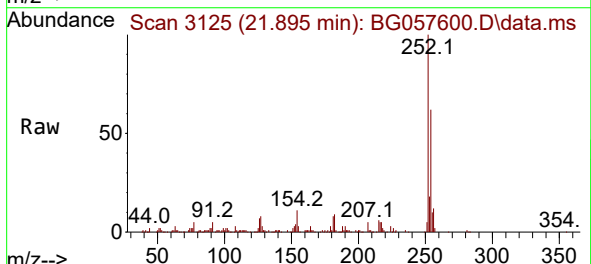
Instrument :
BNA_G
ClientSampleId :
PB153078BS

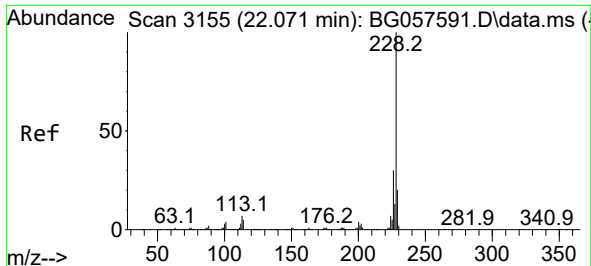
Tgt Ion:228 Resp: 512169
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.2 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 33.744 ng
RT: 21.895 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:252 Resp: 135639
Ion Ratio Lower Upper
252 100
254 61.7 51.8 77.8
126 6.8 5.4 8.2

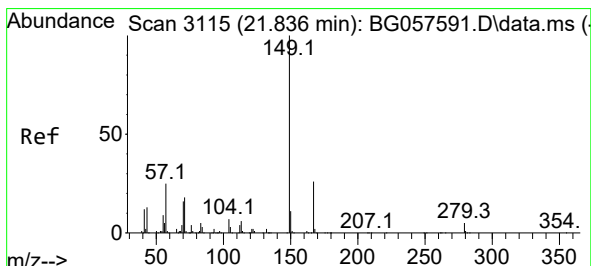
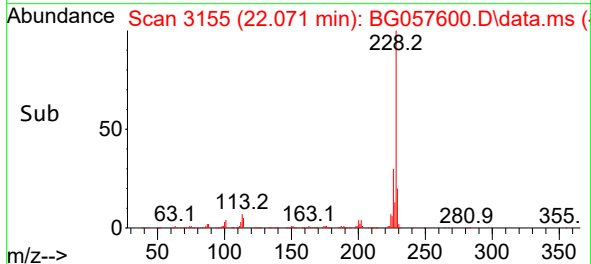
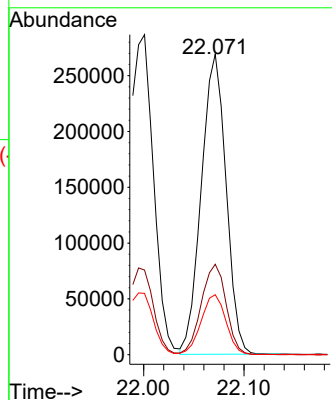
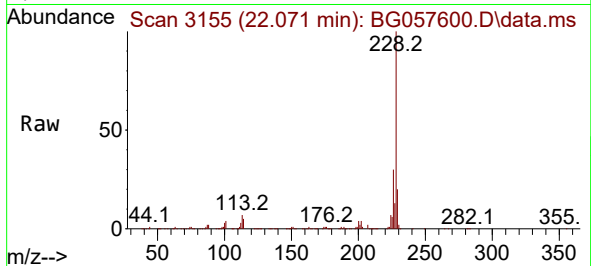




#83
Chrysene
Concen: 44.794 ng
RT: 22.071 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

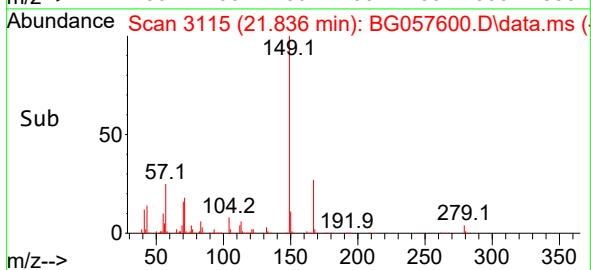
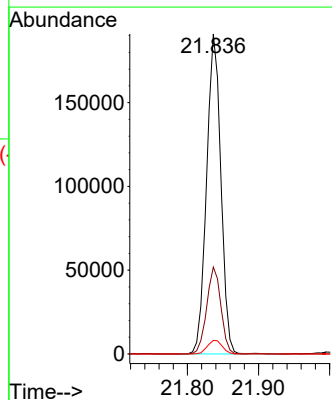
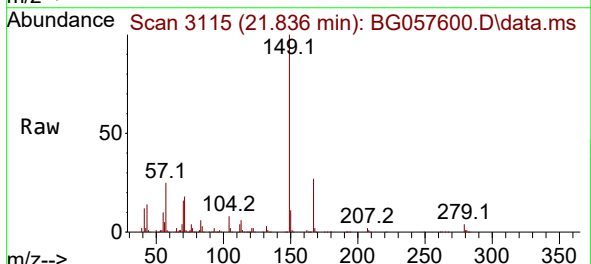
Instrument :
BNA_G
ClientSampleId :
PB153078BS

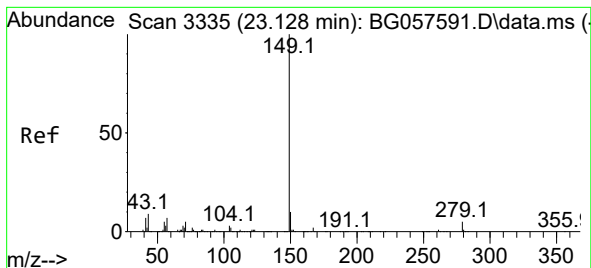
Tgt Ion:228 Resp: 461413
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.006 ng
RT: 21.836 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:149 Resp: 267373
Ion Ratio Lower Upper
149 100
167 27.1 20.6 31.0
279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.821 ng

RT: 23.129 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

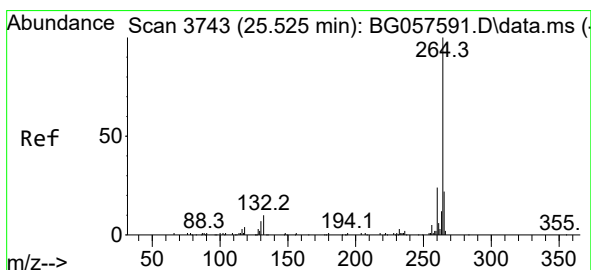
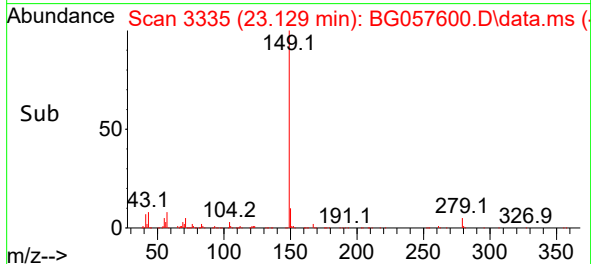
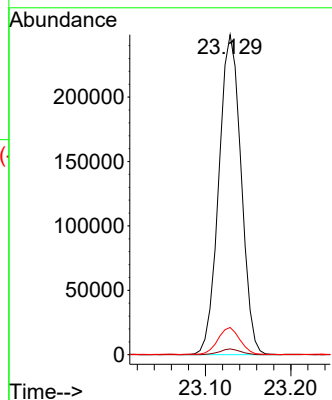
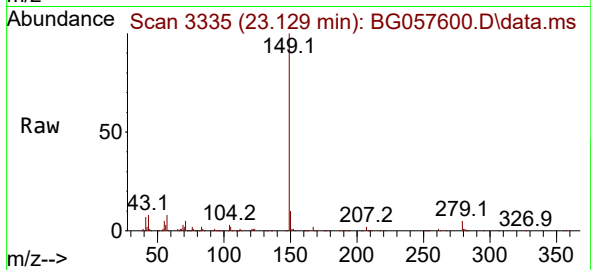
Tgt Ion:149 Resp: 451036

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.520 min Scan# 3742

Delta R.T. -0.006 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

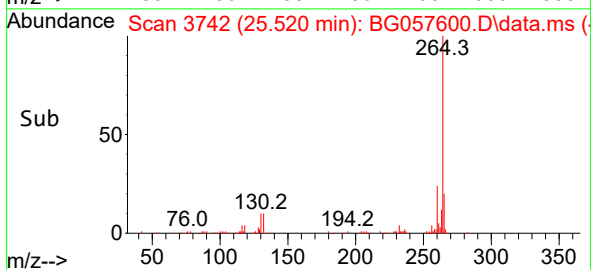
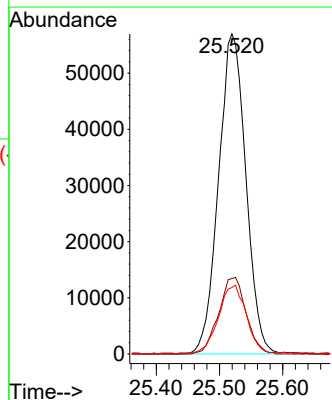
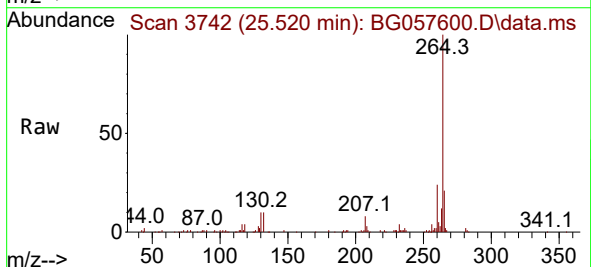
Tgt Ion:264 Resp: 170715

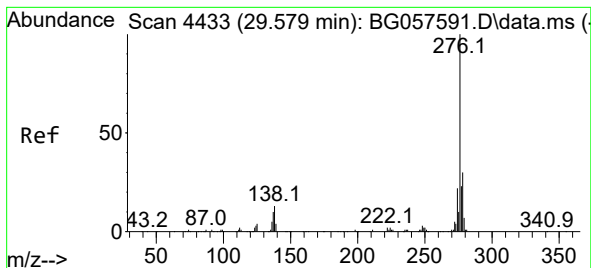
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 20.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.043 ng

RT: 29.585 min Scan# 4434

Delta R.T. 0.006 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

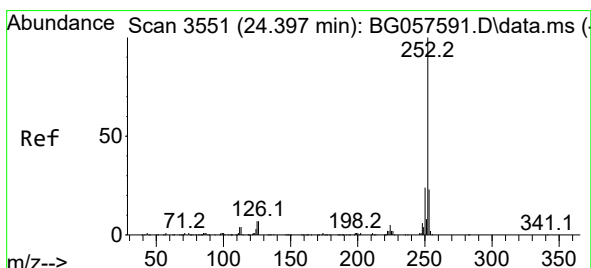
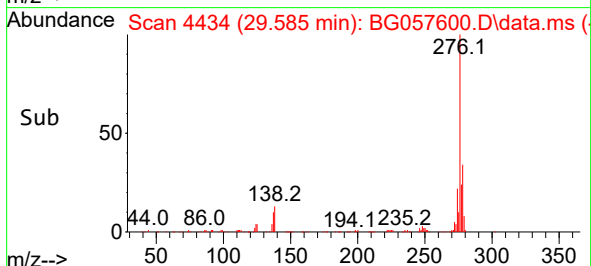
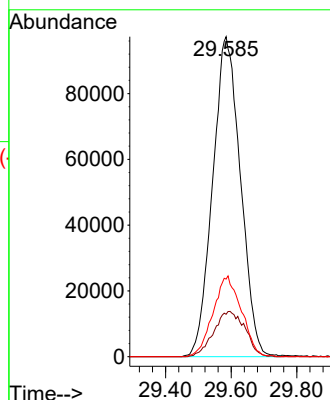
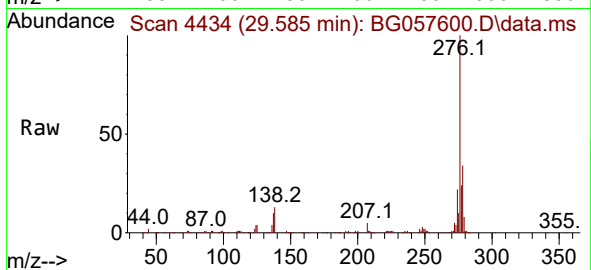
Tgt Ion:276 Resp: 571823

Ion Ratio Lower Upper

276 100

138 15.9 12.3 18.5

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 49.093 ng

RT: 24.398 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

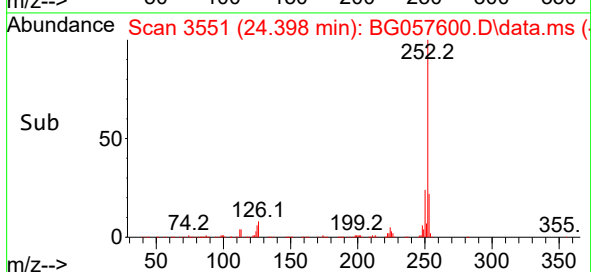
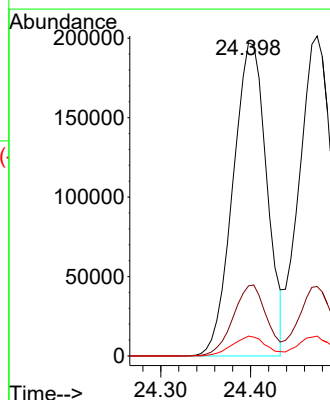
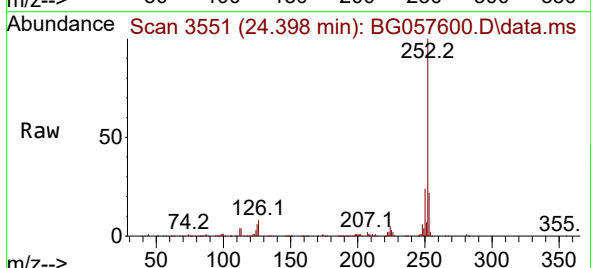
Tgt Ion:252 Resp: 515870

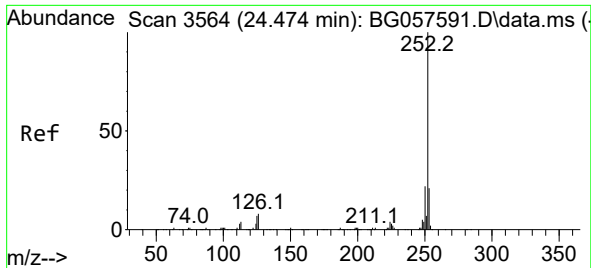
Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 6.3 5.2 7.8

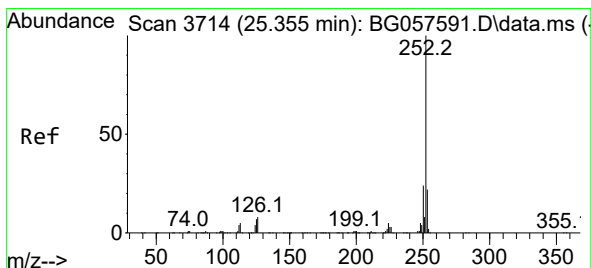
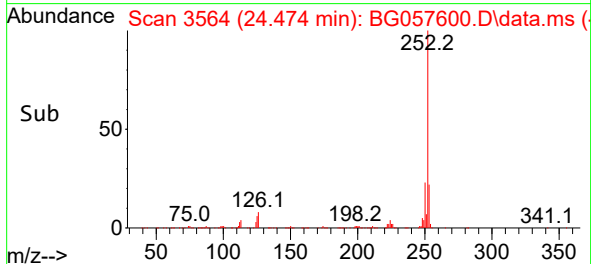
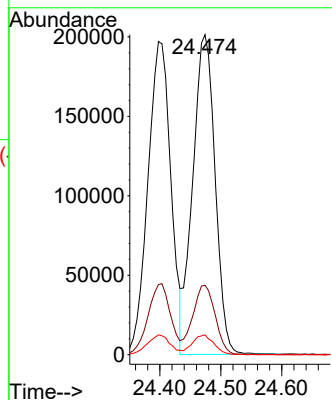
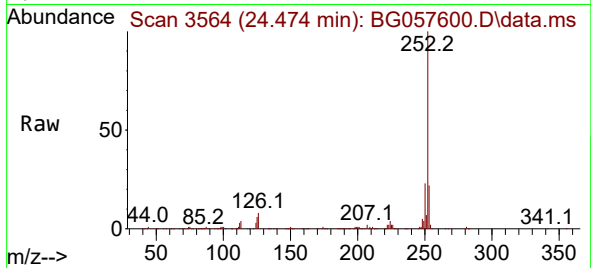




#89
Benzo(k)fluoranthene
Concen: 48.322 ng
RT: 24.474 min Scan# 311
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

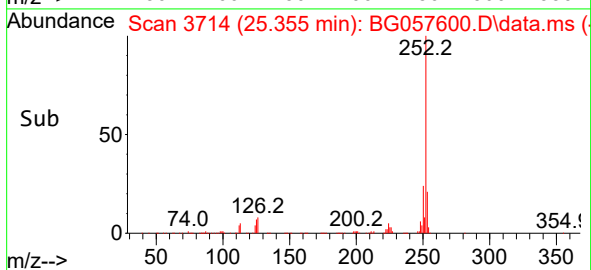
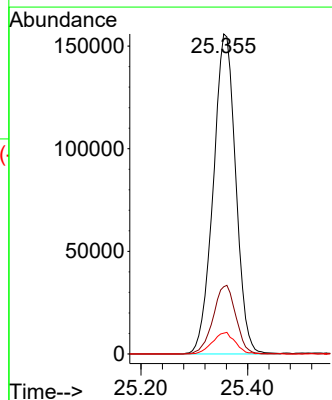
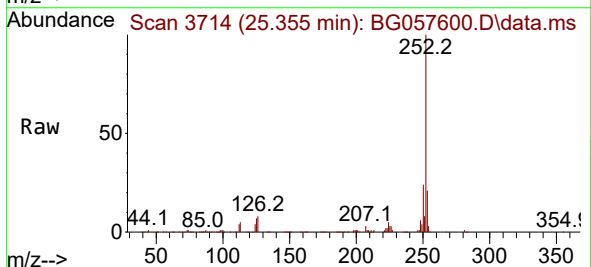
Instrument :
BNA_G
ClientSampleId :
PB153078BS

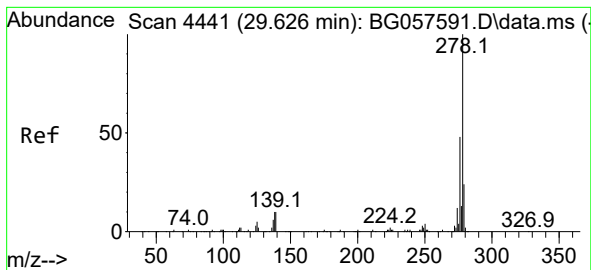
Tgt Ion:252 Resp: 512447
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 6.2 5.1 7.7



#90
Benzo(a)pyrene
Concen: 44.441 ng
RT: 25.355 min Scan# 3714
Delta R.T. 0.000 min
Lab File: BG057600.D
Acq: 27 May 2023 2:02

Tgt Ion:252 Resp: 455409
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 6.5 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 48.071 ng

RT: 29.632 min Scan# 4442

Delta R.T. 0.006 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Instrument :

BNA_G

ClientSampleId :

PB153078BS

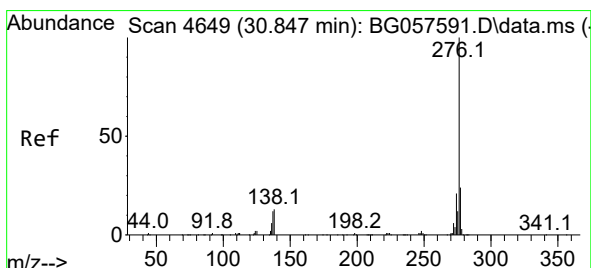
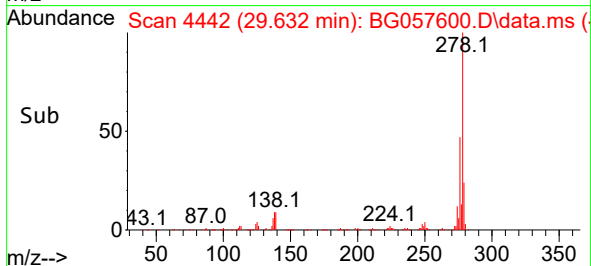
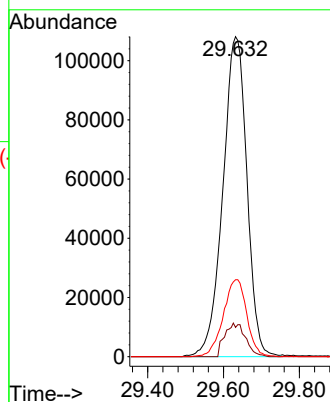
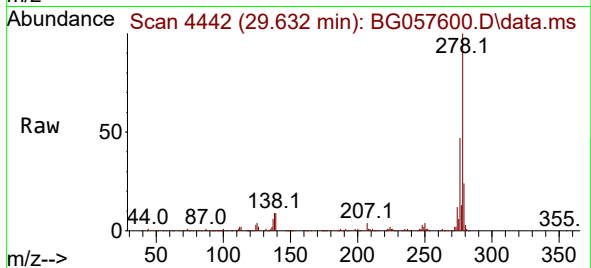
Tgt Ion:278 Resp: 476180

Ion Ratio Lower Upper

278 100

139 9.2 7.8 11.8

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 47.393 ng

RT: 30.859 min Scan# 4651

Delta R.T. 0.012 min

Lab File: BG057600.D

Acq: 27 May 2023 2:02

Tgt Ion:276 Resp: 457851

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 12.6 10.2 15.4

