

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057643.D
 Acq On : 6 Jun 2023 18:53
 Operator : CG/JU
 Sample : PB153157BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153157BS

Quant Time: Jun 07 02:48:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	22473	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	100787	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	74902	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	187127	20.000	ng	0.00
76) Chrysene-d12	22.007	240	156560	20.000	ng	0.00
86) Perylene-d12	25.490	264	169462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	215305	166.445	ng	0.00
7) Phenol-d6	7.491	99	316890	156.535	ng	0.00
23) Nitrobenzene-d5	9.524	82	199557	92.557	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	155247	129.459	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	505113	96.914	ng	0.00
79) Terphenyl-d14	20.268	244	926407	102.500	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.643	88	18108	33.787	ng	98
3) Pyridine	4.072	79	53975	32.942	ng	96
4) n-Nitrosodimethylamine	3.984	42	28848	43.514	ng	86
6) Aniline	7.656	93	106058	43.306	ng	97
8) 2-Chlorophenol	7.902	128	78429	56.475	ng	93
9) Benzaldehyde	7.468	77	46884	34.956	ng	99
10) Phenol	7.520	94	105748	55.191	ng	100
11) bis(2-Chloroethyl)ether	7.744	93	72855	50.923	ng	94
12) 1,3-Dichlorobenzene	8.231	146	76067	51.414	ng	98
13) 1,4-Dichlorobenzene	8.372	146	78112	51.895	ng	98
14) 1,2-Dichlorobenzene	8.701	146	77229	52.603	ng	97
15) Benzyl Alcohol	8.578	79	81208	52.148	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.854	45	94916	53.428	ng	97
17) 2-Methylphenol	8.783	107	73805	52.453	ng	99
18) Hexachloroethane	9.436	117	27987	54.302	ng	96
19) n-Nitroso-di-n-propyla...	9.142	70	68614	48.786	ng	96
20) 3+4-Methylphenols	9.112	107	100525	50.893	ng	97
22) Acetophenone	9.171	105	126424	46.910	ng	# 97
24) Nitrobenzene	9.565	77	98138	44.841	ng	93
25) Isophorone	10.082	82	190906	45.048	ng	98
26) 2-Nitrophenol	10.281	139	45288	48.262	ng	97
27) 2,4-Dimethylphenol	10.328	122	80449	49.588	ng	97
28) bis(2-Chloroethoxy)met...	10.558	93	109073	49.636	ng	99
29) 2,4-Dichlorophenol	10.828	162	85624	50.250	ng	98
30) 1,2,4-Trichlorobenzene	11.039	180	86814	46.748	ng	99
31) Naphthalene	11.227	128	244995	45.952	ng	97
32) Benzoic acid	10.499	122	34500	38.068	ng	93
33) 4-Chloroaniline	11.339	127	76606	31.245	ng	96
34) Hexachlorobutadiene	11.497	225	59575	46.381	ng	95
35) Caprolactam	12.114	113	18980	26.870	ng	96
36) 4-Chloro-3-methylphenol	12.443	107	95780	47.488	ng	99
37) 2-Methylnaphthalene	12.807	142	186545	44.580	ng	98
38) 1-Methylnaphthalene	13.025	142	174015	43.578	ng	95
40) 1,2,4,5-Tetrachloroben...	13.172	216	120426	48.983	ng	99
41) Hexachlorocyclopentadiene	13.142	237	68668	97.047	ng	97
43) 2,4,6-Trichlorophenol	13.407	196	77211	49.885	ng	96

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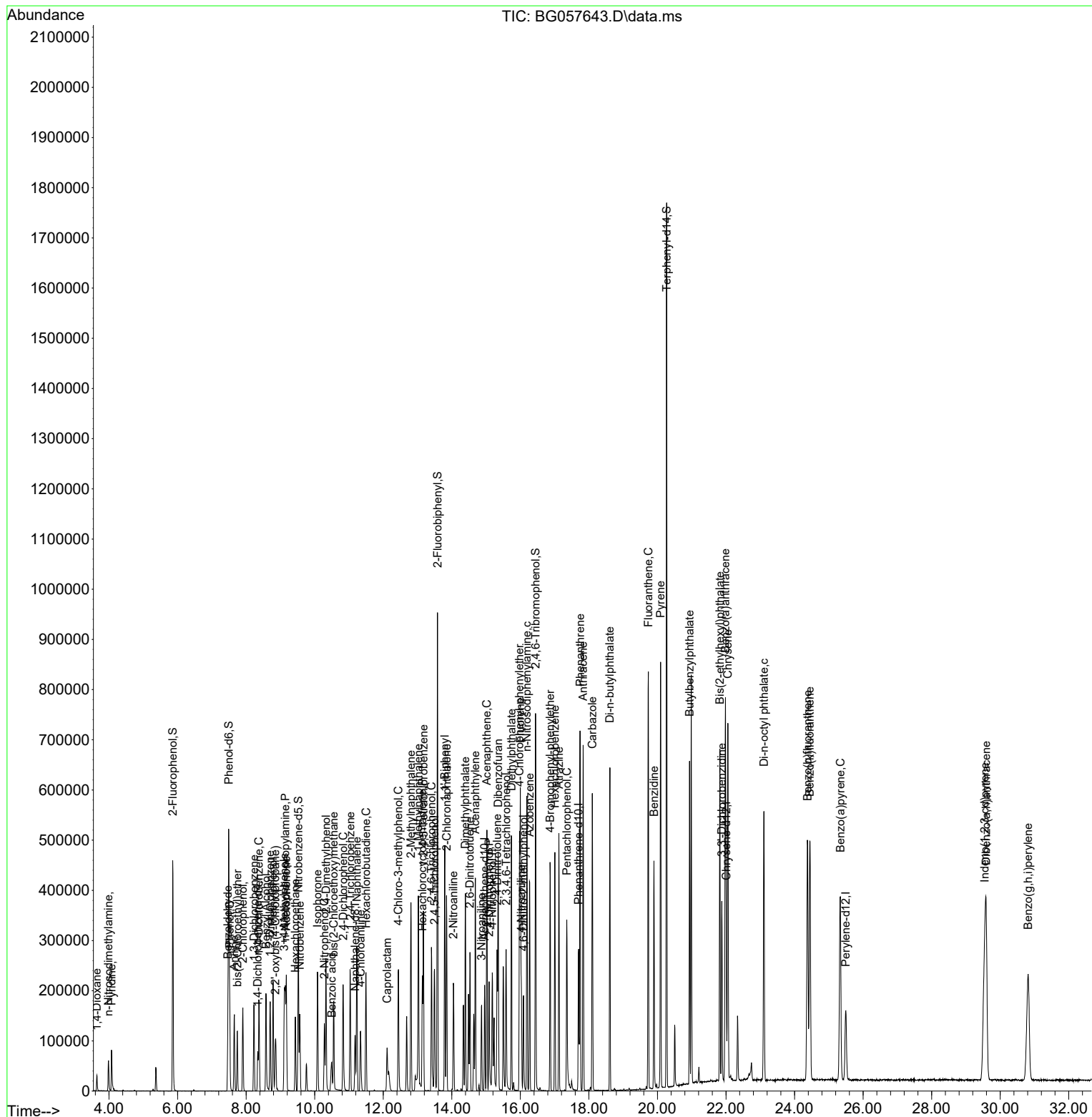
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.495	196	83188	45.127	ng	95
46) 1,1'-Biphenyl	13.794	154	264979	49.498	ng	99
47) 2-Chloronaphthalene	13.847	162	202399	50.195	ng	96
48) 2-Nitroaniline	14.047	65	65043	46.050	ng	97
49) Acenaphthylene	14.687	152	321432	47.075	ng	99
50) Dimethylphthalate	14.394	163	280674	45.466	ng	99
51) 2,6-Dinitrotoluene	14.529	165	61558	46.582	ng	93
52) Acenaphthene	15.022	154	197570	47.287	ng	96
53) 3-Nitroaniline	14.869	138	46081	33.432	ng	97
54) 2,4-Dinitrophenol	15.087	184	67445	84.215	ng	98
55) Dibenzofuran	15.351	168	326757	45.770	ng	100
56) 4-Nitrophenol	15.181	139	76586	83.395	ng	93
57) 2,4-Dinitrotoluene	15.322	165	89202	45.083	ng	97
58) Fluorene	15.997	166	272366	45.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.586	232	76024	44.021	ng	99
60) Diethylphthalate	15.739	149	286169	44.413	ng	98
61) 4-Chlorophenyl-phenyle...	15.974	204	154238	45.913	ng	99
62) 4-Nitroaniline	16.027	138	63125	42.456	ng	94
63) Azobenzene	16.267	77	266118	46.441	ng	98
65) 4,6-Dinitro-2-methylph...	16.091	198	55800	48.974	ng	96
66) n-Nitrosodiphenylamine	16.191	169	240881	49.526	ng	99
67) 4-Bromophenyl-phenylether	16.872	248	103235	49.181	ng	99
68) Hexachlorobenzene	17.008	284	109517	50.615	ng	98
69) Atrazine	17.125	200	106108	50.814	ng	99
70) Pentachlorophenol	17.354	266	86922	78.841	ng	99
71) Phenanthrene	17.742	178	455122	47.527	ng	100
72) Anthracene	17.830	178	461622	46.991	ng	99
73) Carbazole	18.100	167	412795	46.972	ng	99
74) Di-n-butylphthalate	18.611	149	484889	46.478	ng	99
75) Fluoranthene	19.733	202	543490	43.718	ng	99
77) Benzidine	19.898	184	277778	58.634	ng	98
78) Pyrene	20.092	202	550715	49.403	ng	99
80) Butylbenzylphthalate	20.938	149	203490	50.123	ng	98
81) Benzo(a)anthracene	21.983	228	526005	48.428	ng	98
82) 3,3'-Dichlorobenzidine	21.877	252	144851	36.164	ng	99
83) Chrysene	22.054	228	483635	47.118	ng	98
84) Bis(2-ethylhexyl)phtha...	21.819	149	293544	50.689	ng	98
85) Di-n-octyl phthalate	23.105	149	495173	51.586	ng	99
87) Indeno(1,2,3-cd)pyrene	29.549	276	582073	49.266	ng	98
88) Benzo(b)fluoranthene	24.380	252	523319	50.170	ng	98
89) Benzo(k)fluoranthene	24.445	252	524424	49.817	ng	98
90) Benzo(a)pyrene	25.338	252	466158	45.826	ng	99
91) Dibenzo(a,h)anthracene	29.591	278	486296	49.456	ng	98
92) Benzo(g,h,i)perylene	30.812	276	475274	49.561	ng	98

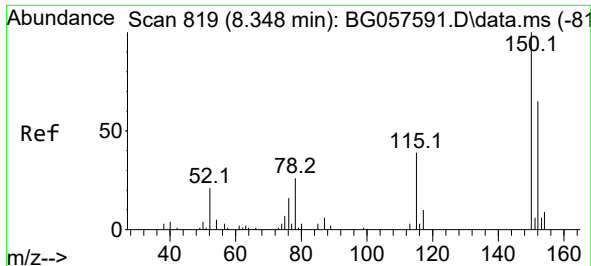
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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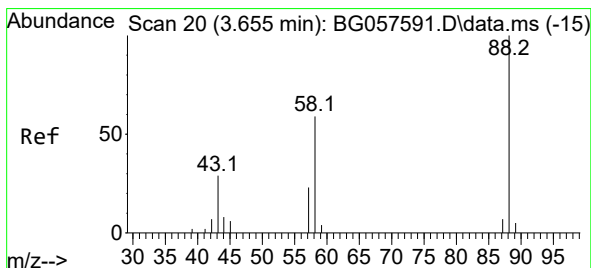
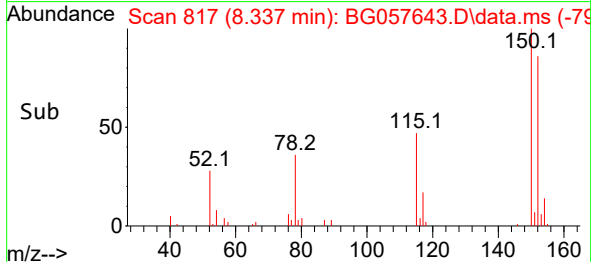
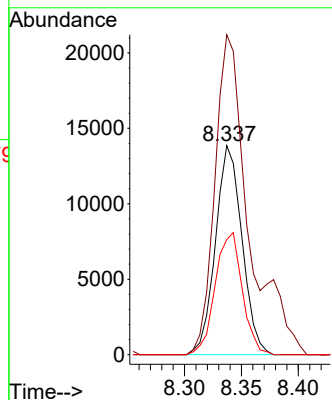
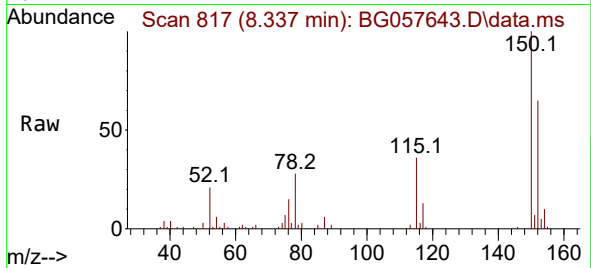




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

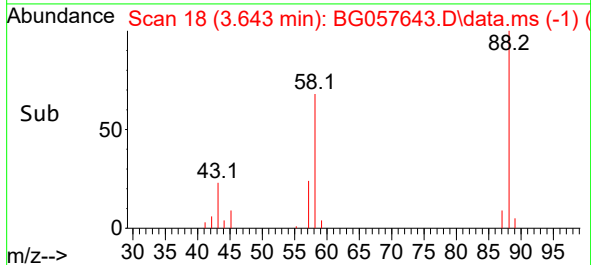
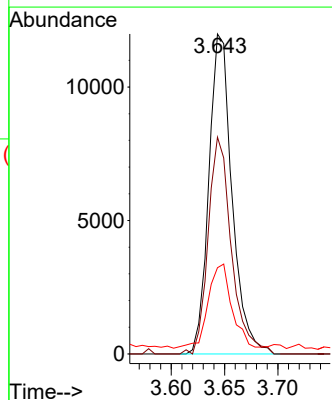
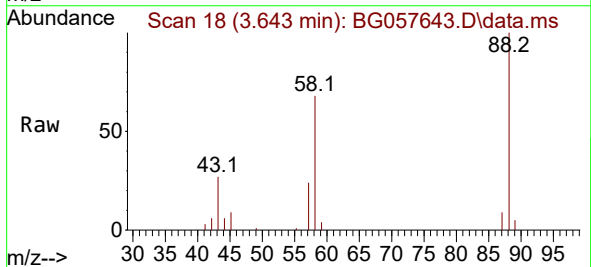
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ClientSampleId :
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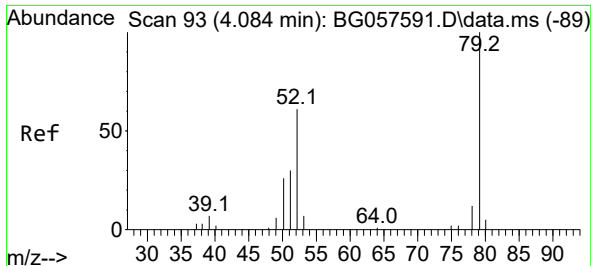
Tgt Ion:152 Resp: 22473
Ion Ratio Lower Upper
152 100
150 153.0 123.0 184.4
115 55.1 47.4 71.2



#2
1,4-Dioxane
Concen: 33.787 ng
RT: 3.643 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion: 88 Resp: 18108
Ion Ratio Lower Upper
88 100
58 67.9 52.6 79.0
43 26.8 22.1 33.1

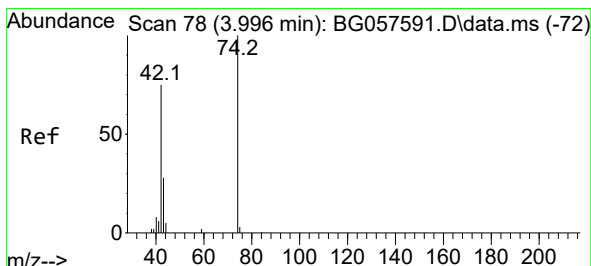
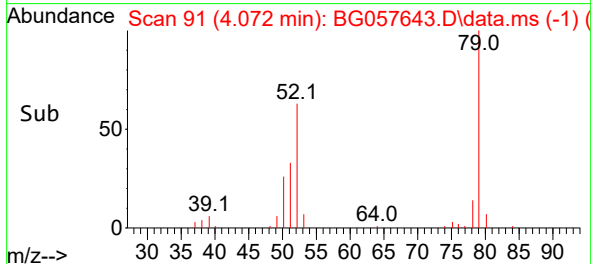
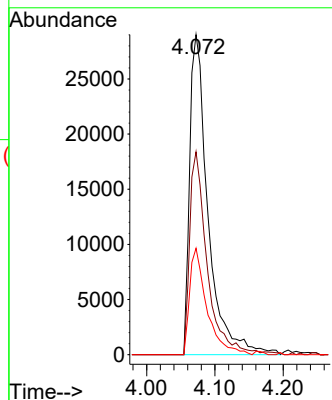
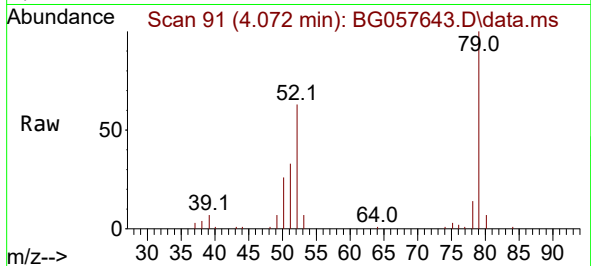




#3
Pyridine
Concen: 32.942 ng
RT: 4.072 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

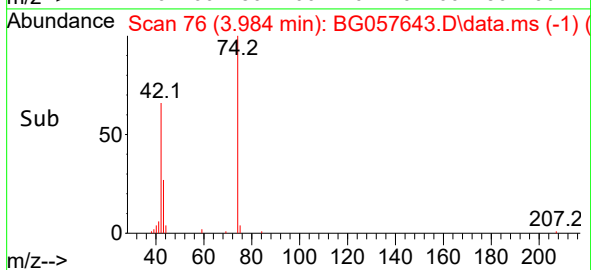
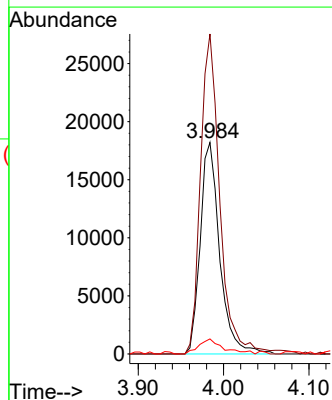
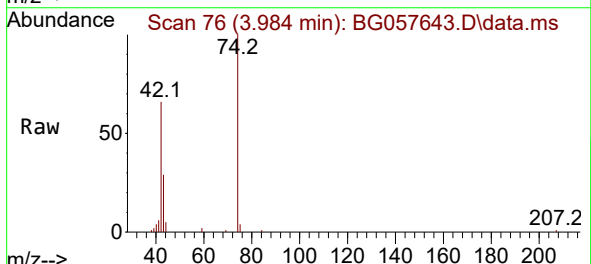
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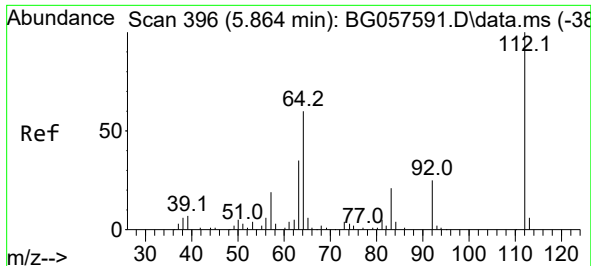
Tgt Ion: 79 Resp: 53975
Ion Ratio Lower Upper
79 100
52 63.4 48.4 72.6
51 33.2 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 43.514 ng
RT: 3.984 min Scan# 76
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion: 42 Resp: 28848
Ion Ratio Lower Upper
42 100
74 151.3 107.3 160.9
44 7.1 6.1 9.1

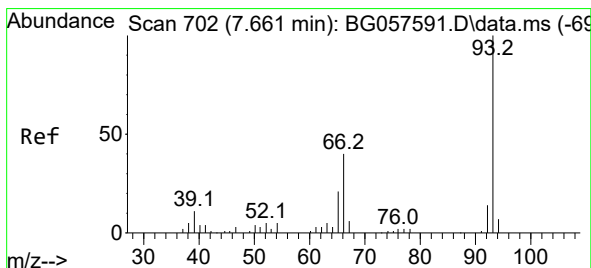
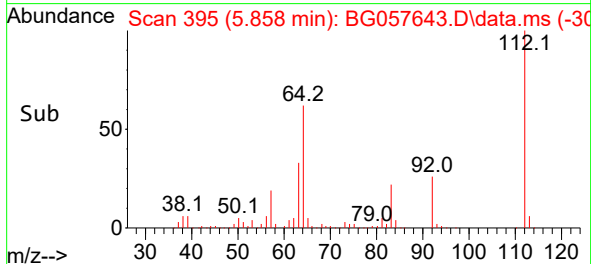
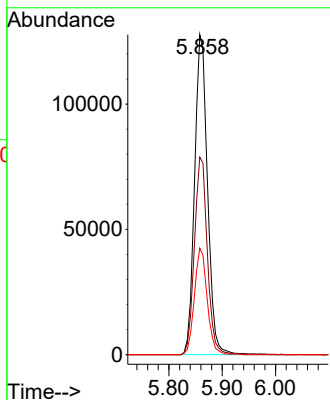
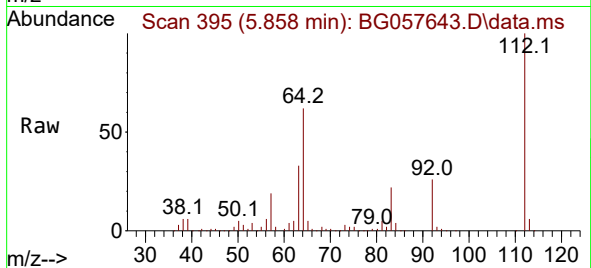




#5
2-Fluorophenol
Concen: 166.445 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

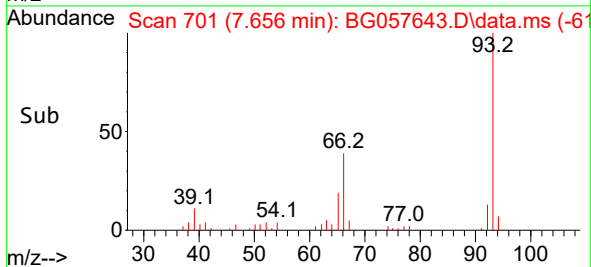
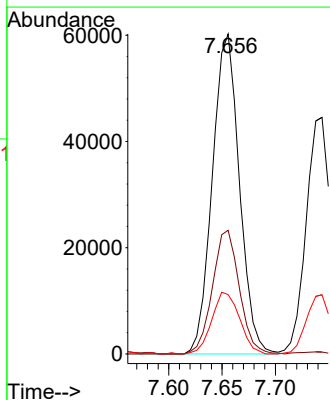
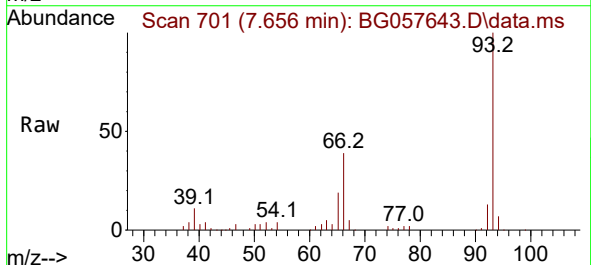
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ClientSampleId :
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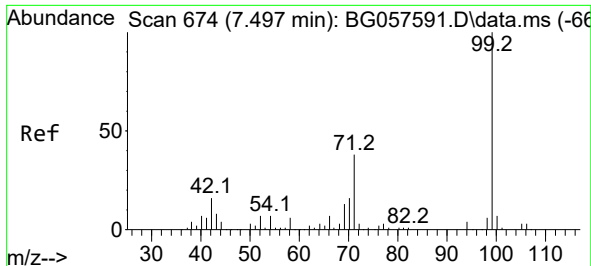
Tgt Ion:112 Resp: 215305
Ion Ratio Lower Upper
112 100
64 61.7 47.8 71.6
63 33.3 27.8 41.8



#6
Aniline
Concen: 43.306 ng
RT: 7.656 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion: 93 Resp: 106058
Ion Ratio Lower Upper
93 100
66 38.7 32.2 48.4
65 18.5 16.7 25.1

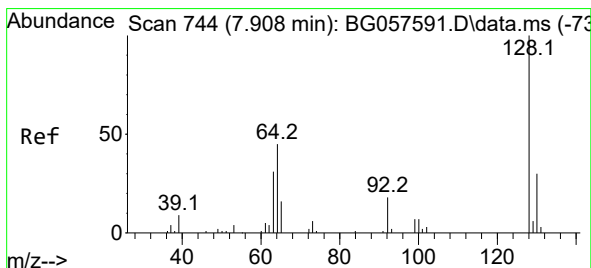
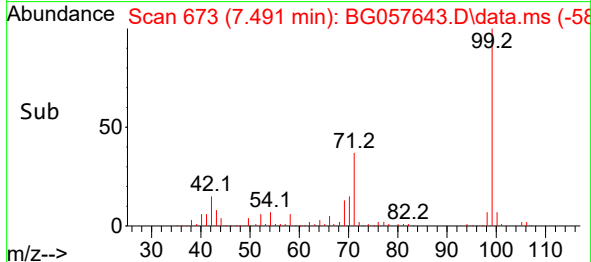
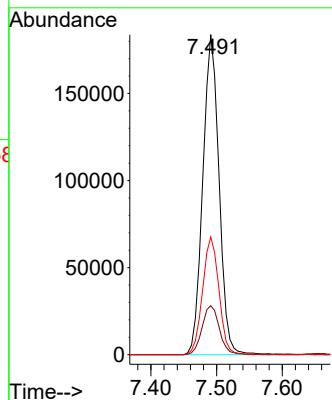
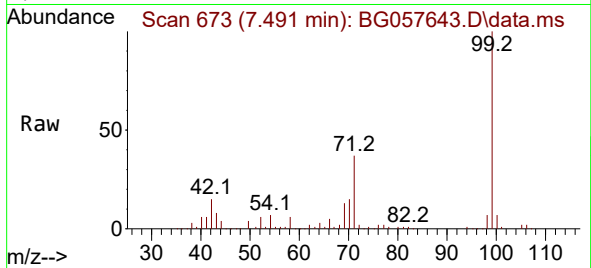




#7
Phenol-d6
Concen: 156.535 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

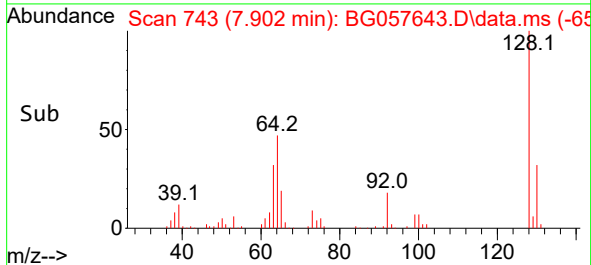
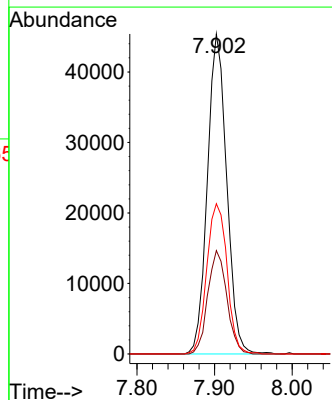
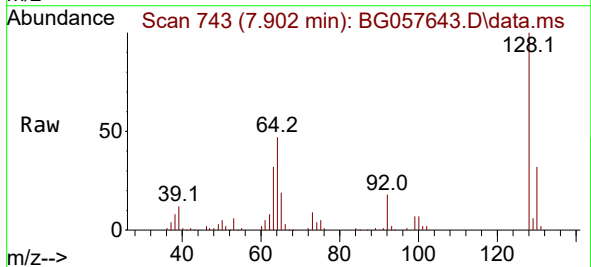
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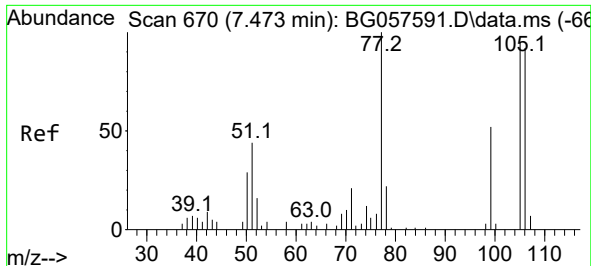
Tgt Ion: 99 Resp: 316890
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 36.8 30.3 45.5



#8
2-Chlorophenol
Concen: 56.475 ng
RT: 7.902 min Scan# 743
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:128 Resp: 78429
Ion Ratio Lower Upper
128 100
130 32.3 10.5 50.5
64 47.0 33.8 73.8

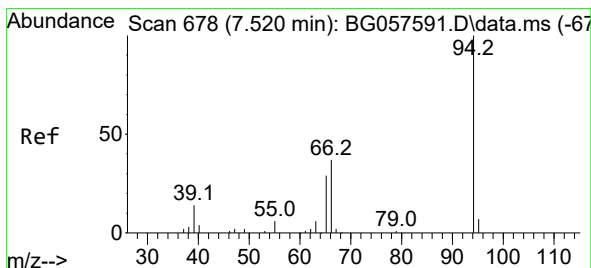
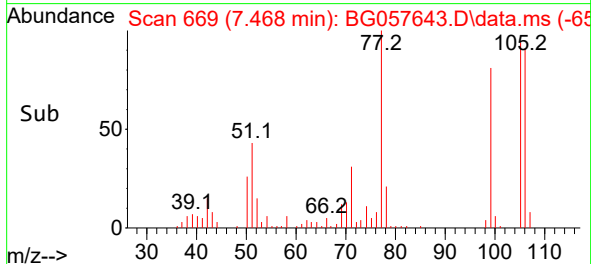
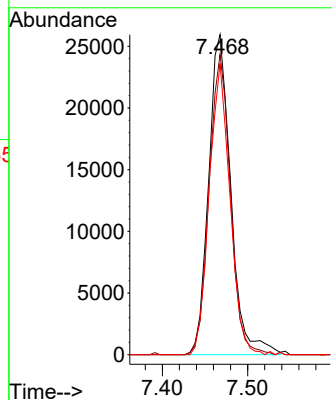
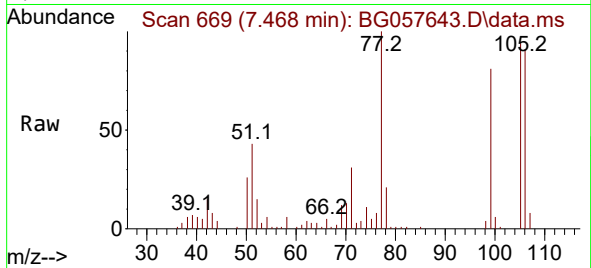




#9
Benzaldehyde
Concen: 34.956 ng
RT: 7.468 min Scan# 609
Delta R.T. 0.003 min
Lab File: BG057643.D
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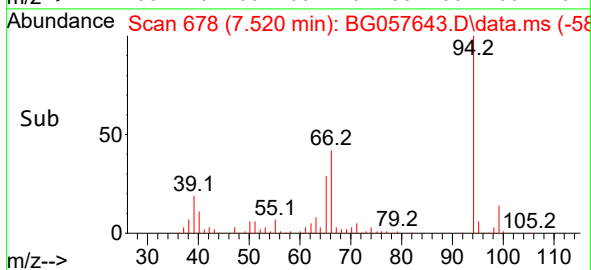
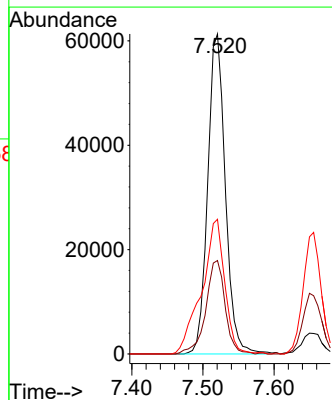
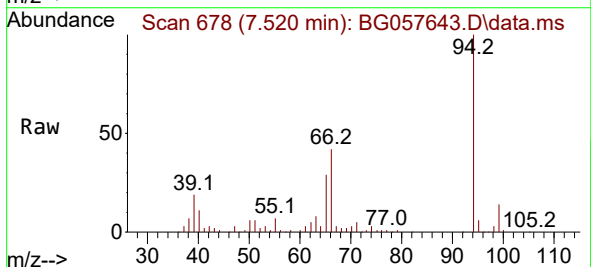
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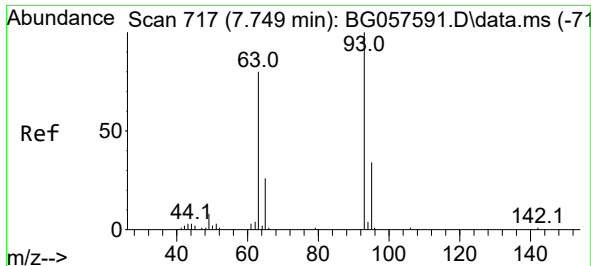
Tgt Ion: 77 Resp: 46884
Ion Ratio Lower Upper
77 100
105 93.8 75.0 115.0
106 91.1 72.5 112.5



#10
Phenol
Concen: 55.191 ng
RT: 7.520 min Scan# 678
Delta R.T. 0.009 min
Lab File: BG057643.D
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Tgt Ion: 94 Resp: 105748
Ion Ratio Lower Upper
94 100
65 29.2 9.6 49.6
66 42.1 22.0 62.0

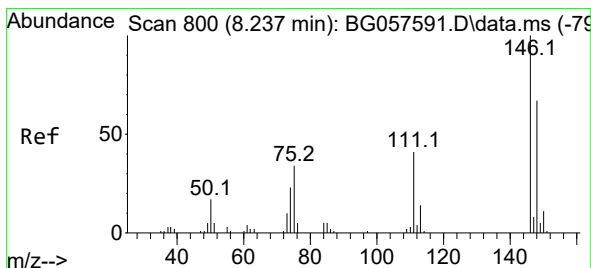
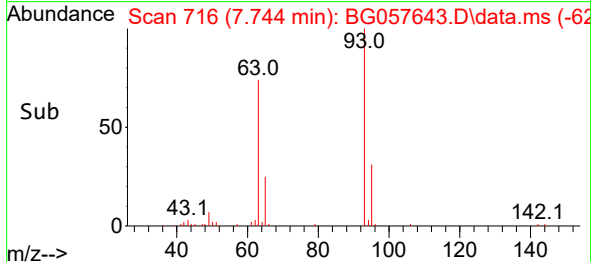
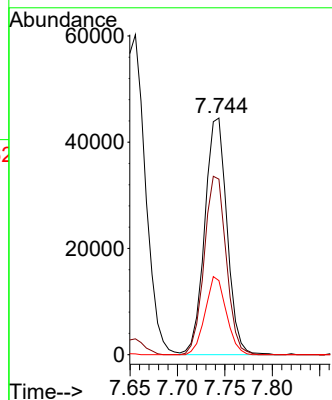
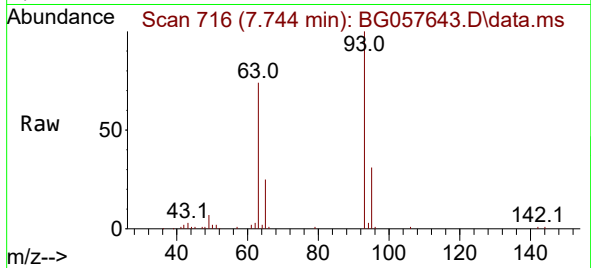




#11
bis(2-Chloroethyl)ether
Concen: 50.923 ng
RT: 7.744 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

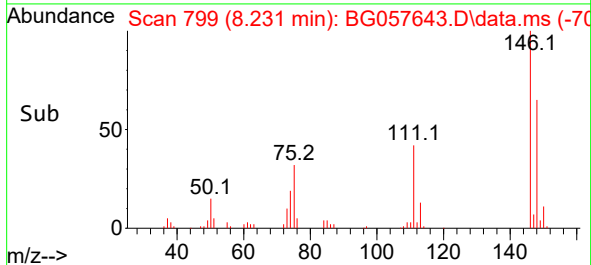
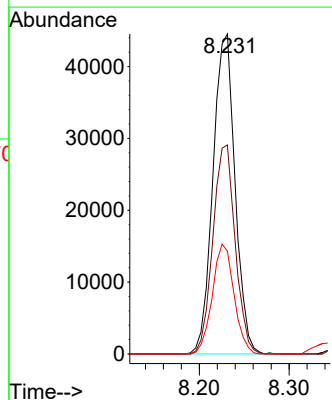
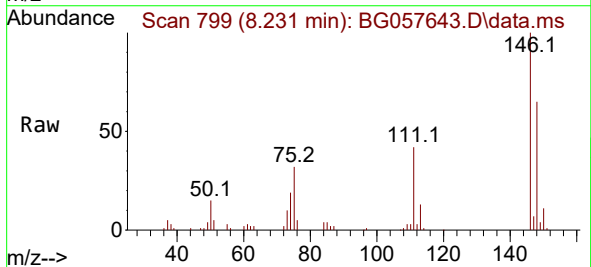
Instrument :
BNA_G
ClientSampleId :
PB153157BS

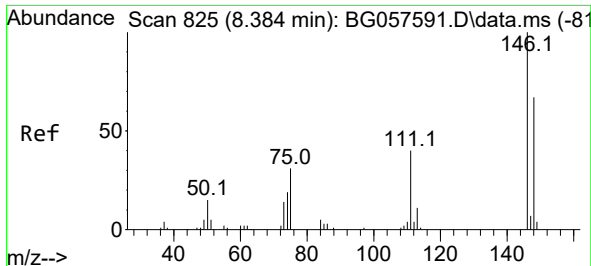
Tgt Ion: 93 Resp: 72855
Ion Ratio Lower Upper
93 100
63 74.2 59.3 99.3
95 31.3 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 51.414 ng
RT: 8.231 min Scan# 799
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion: 146 Resp: 76067
Ion Ratio Lower Upper
146 100
148 65.3 53.4 80.0
75 32.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 51.895 ng

RT: 8.372 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

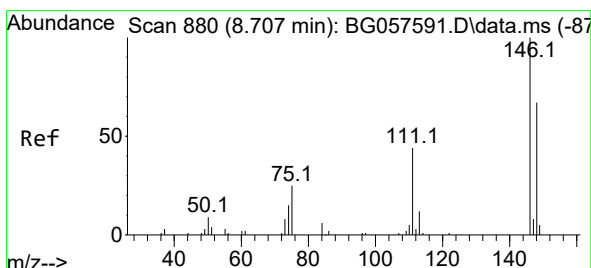
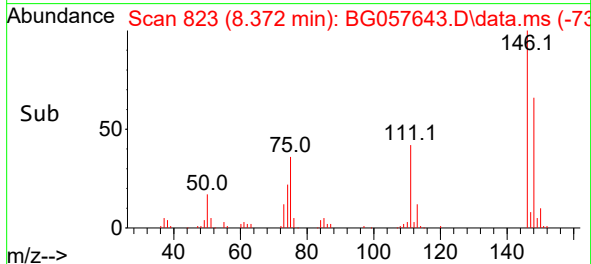
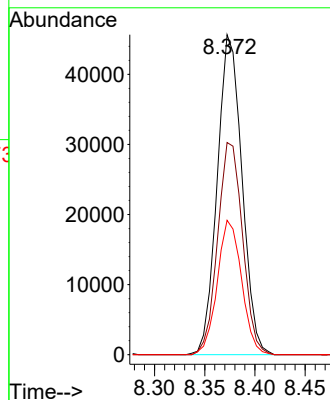
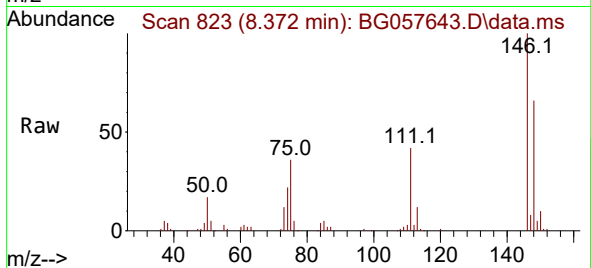
Tgt Ion:146 Resp: 78112

Ion Ratio Lower Upper

146 100

148 66.3 53.8 80.6

111 42.0 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 52.603 ng

RT: 8.701 min Scan# 879

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

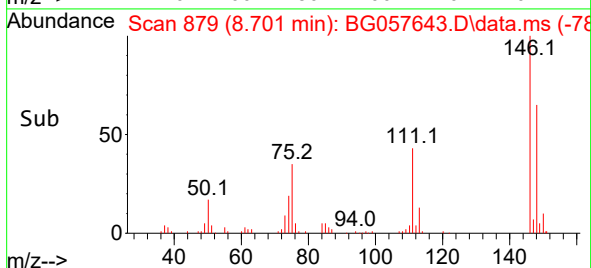
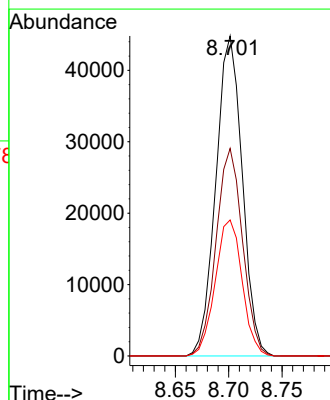
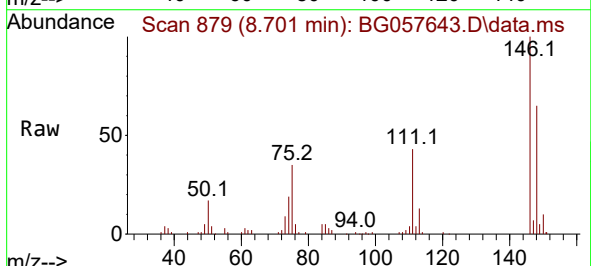
Tgt Ion:146 Resp: 77229

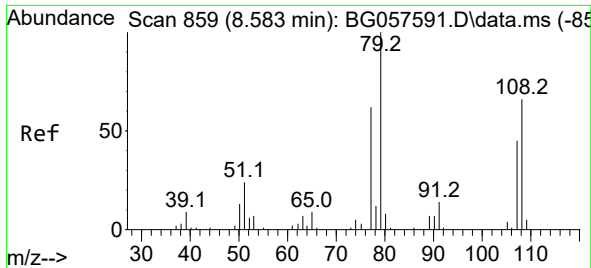
Ion Ratio Lower Upper

146 100

148 64.8 53.5 80.3

111 42.5 36.6 54.8

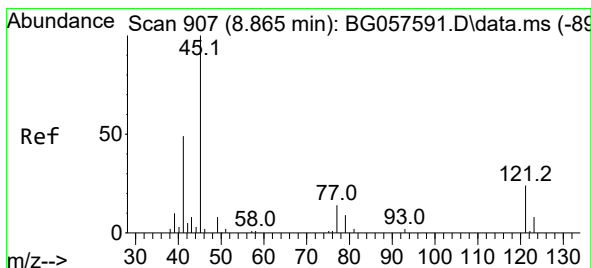
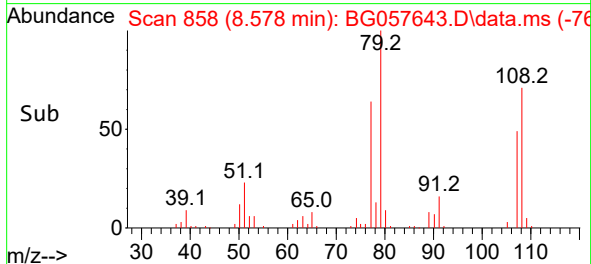
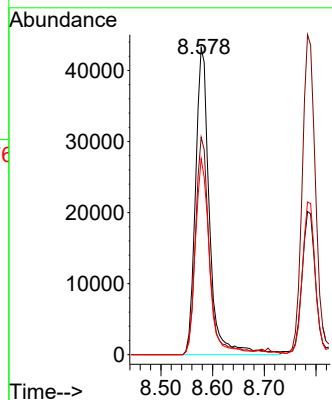
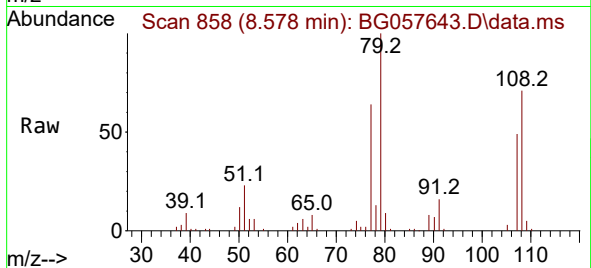




#15
Benzyl Alcohol
Concen: 52.148 ng
RT: 8.578 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

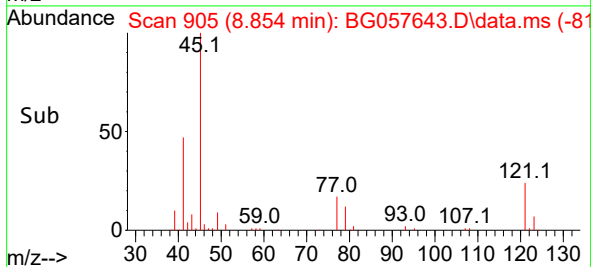
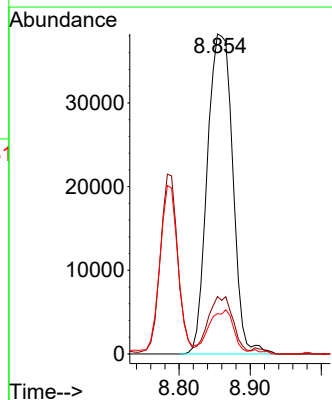
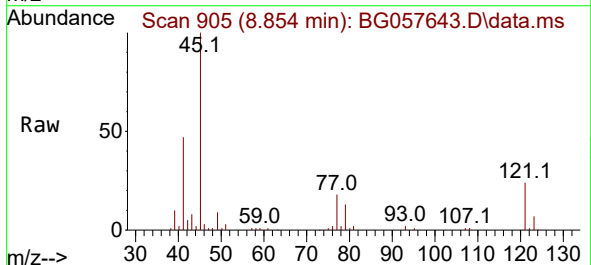
Instrument :
BNA_G
ClientSampleId :
PB153157BS

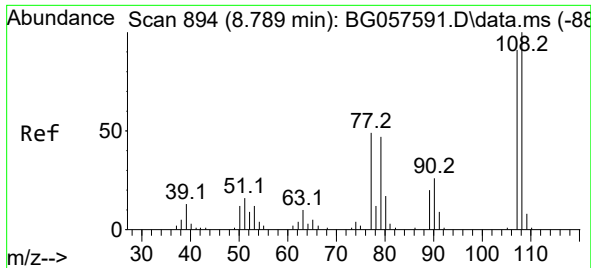
Tgt Ion: 79 Resp: 81208
Ion Ratio Lower Upper
79 100
108 70.9 52.6 78.8
77 63.9 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 53.428 ng
RT: 8.854 min Scan# 905
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion: 45 Resp: 94916
Ion Ratio Lower Upper
45 100
77 18.0 0.0 39.2
79 12.6 0.0 34.2

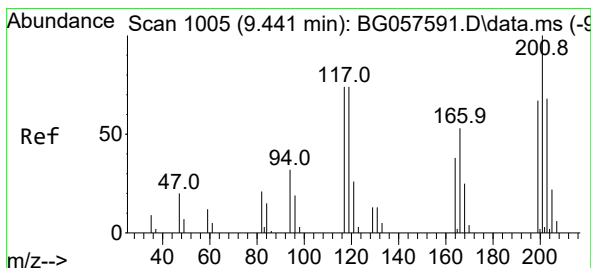
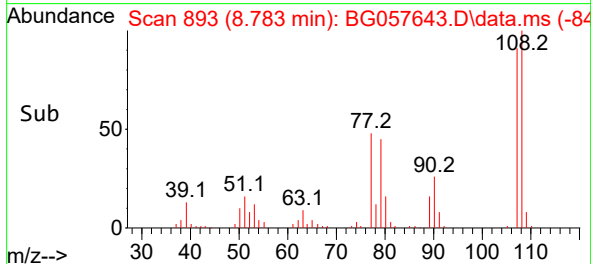
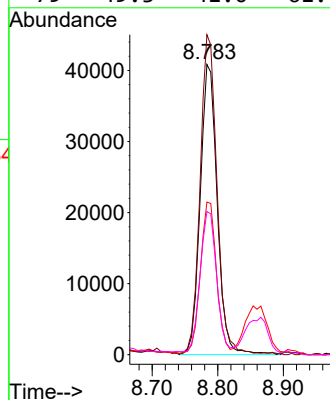
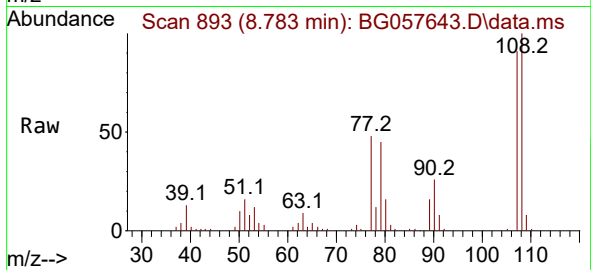




#17
2-Methylphenol
Concen: 52.453 ng
RT: 8.783 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

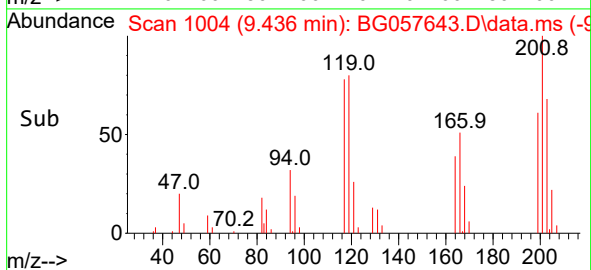
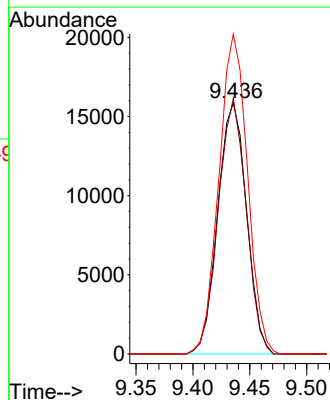
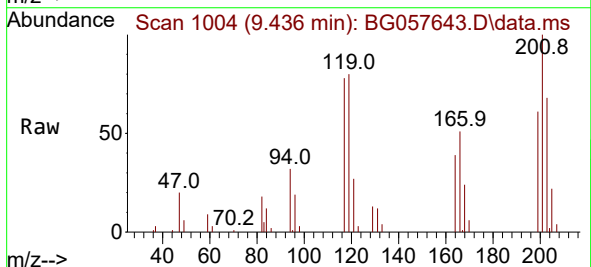
Instrument :
BNA_G
ClientSampleId :
PB153157BS

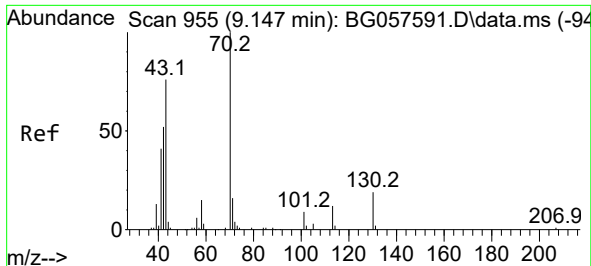
Tgt Ion:107 Resp: 73805
Ion Ratio Lower Upper
107 100
108 110.2 87.7 131.5
77 52.6 43.0 64.6
79 49.3 41.0 61.4



#18
Hexachloroethane
Concen: 54.302 ng
RT: 9.436 min Scan# 1004
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:117 Resp: 27987
Ion Ratio Lower Upper
117 100
119 101.8 80.6 121.0
201 127.5 108.8 163.2

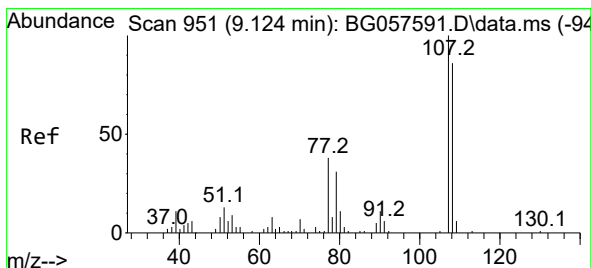
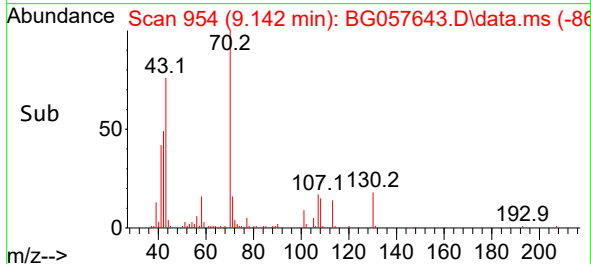
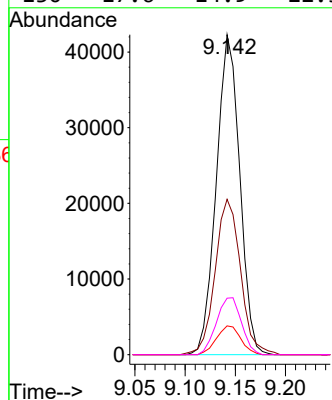
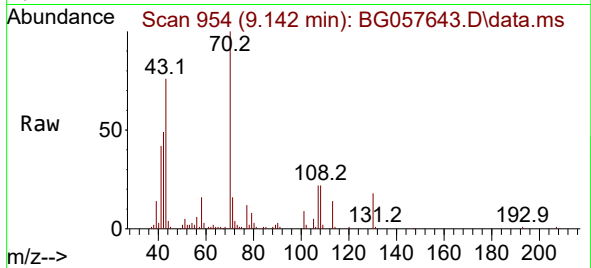




#19
n-Nitroso-di-n-propylamine
Concen: 48.786 ng
RT: 9.142 min Scan# 911
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

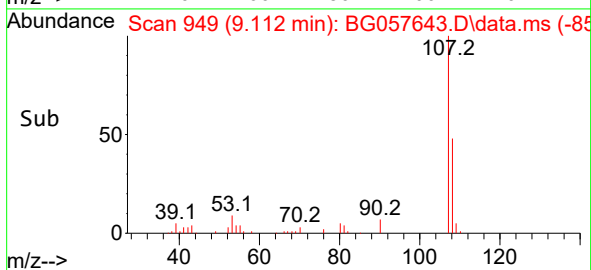
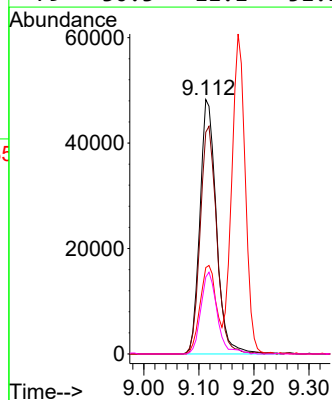
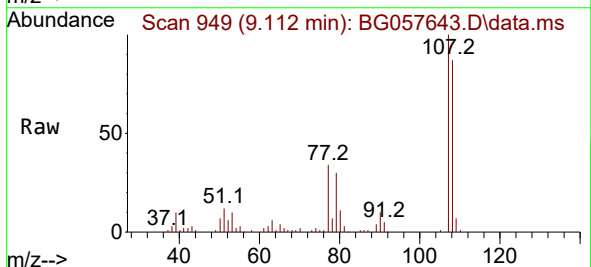
Instrument :
BNA_G
ClientSampleId :
PB153157BS

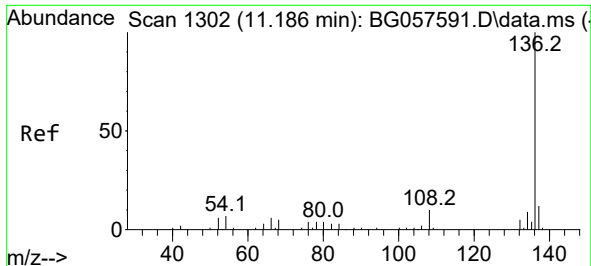
Tgt Ion:	70	Resp:	68614
Ion	Ratio	Lower	Upper
70	100		
42	48.5	41.4	62.0
101	9.0	6.9	10.3
130	17.6	14.9	22.3



#20
3+4-Methylphenols
Concen: 50.893 ng
RT: 9.112 min Scan# 949
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

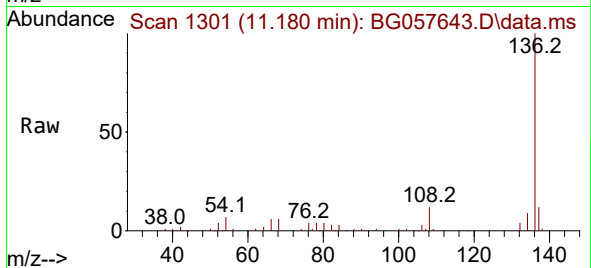
Tgt Ion:	107	Resp:	100525
Ion	Ratio	Lower	Upper
107	100		
108	87.1	65.6	105.6
77	34.0	18.0	58.0
79	30.3	11.1	51.1



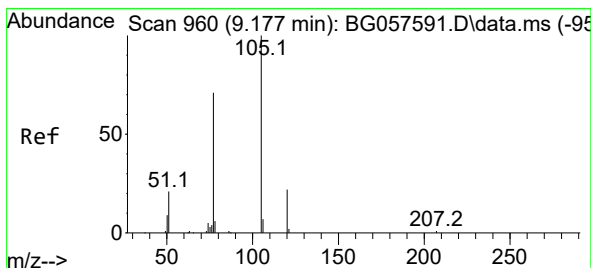
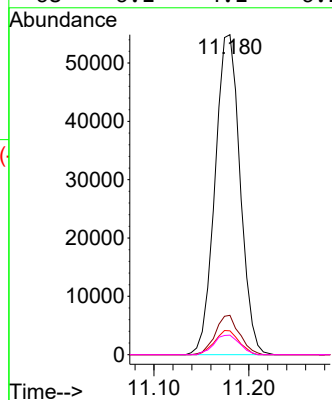
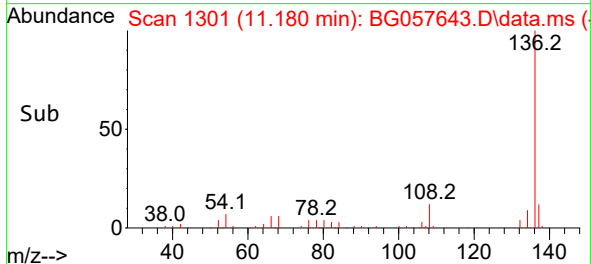


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

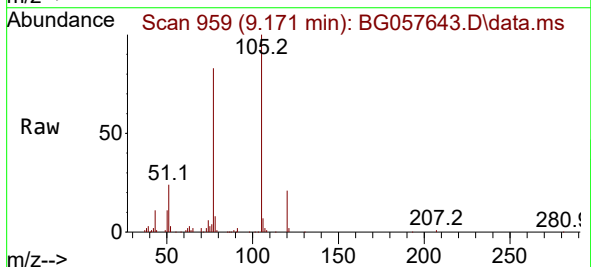
Instrument :
BNA_G
ClientSampleId :
PB153157BS



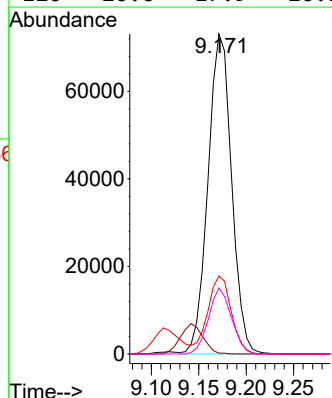
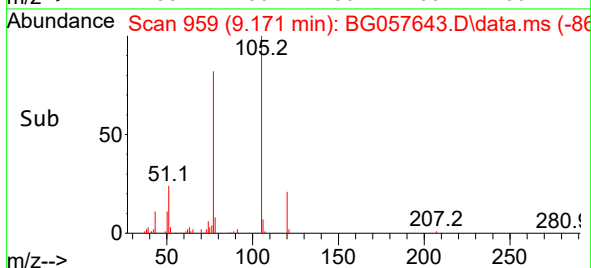
Tgt Ion:136 Resp: 100787
Ion Ratio Lower Upper
136 100
137 12.3 9.8 14.8
54 7.5 5.8 8.6
68 6.1 4.1 6.1

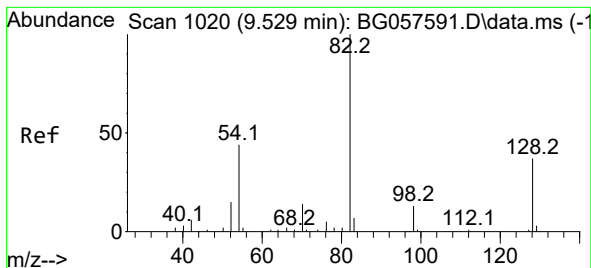


#22
Acetophenone
Concen: 46.910 ng
RT: 9.171 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53



Tgt Ion:105 Resp: 126424
Ion Ratio Lower Upper
105 100
71 0.2 0.0 0.0#
51 24.3 20.7 31.1
120 20.6 17.9 26.9





#23

Nitrobenzene-d5

Concen: 92.557 ng

RT: 9.524 min Scan# 1019

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

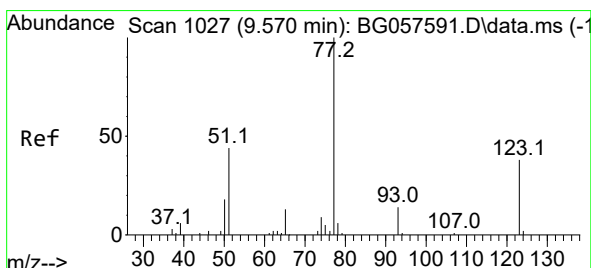
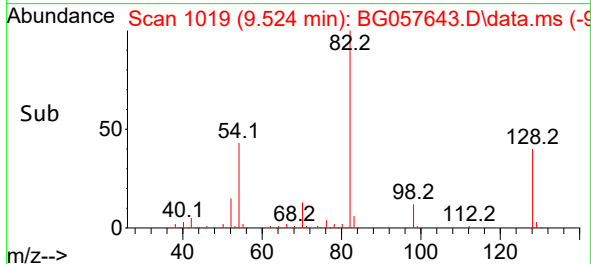
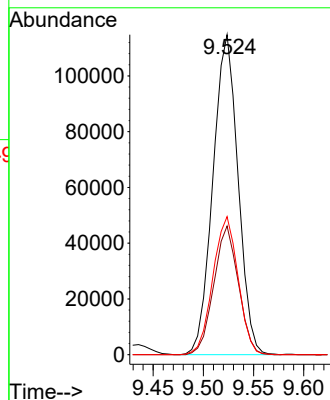
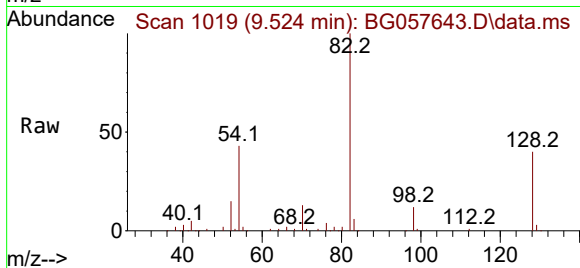
Tgt Ion: 82 Resp: 199557

Ion Ratio Lower Upper

82 100

128 40.2 30.0 45.0

54 43.1 35.2 52.8



#24

Nitrobenzene

Concen: 44.841 ng

RT: 9.565 min Scan# 1026

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

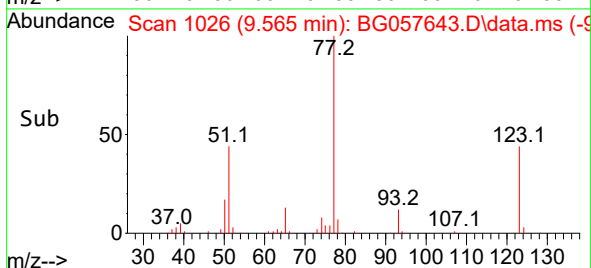
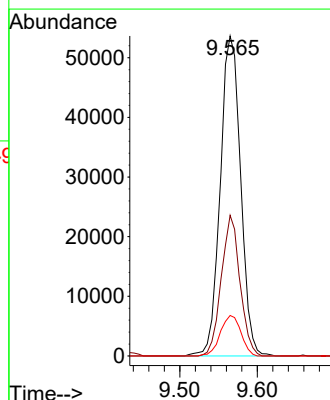
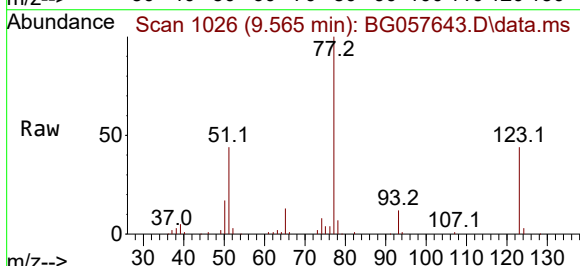
Tgt Ion: 77 Resp: 98138

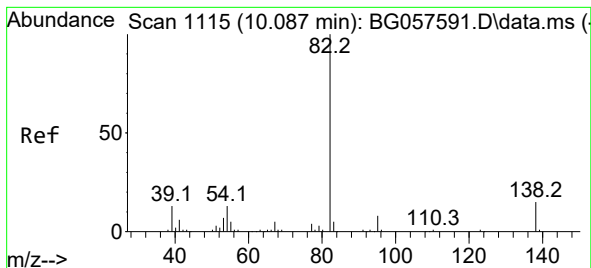
Ion Ratio Lower Upper

77 100

123 44.0 30.6 46.0

65 12.6 10.2 15.4





#25

Isophorone

Concen: 45.048 ng

RT: 10.082 min Scan# 1115

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

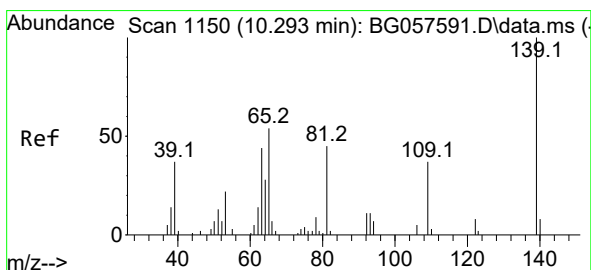
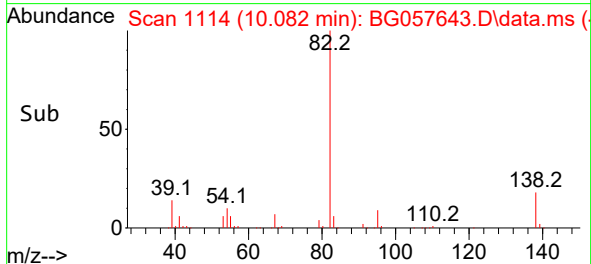
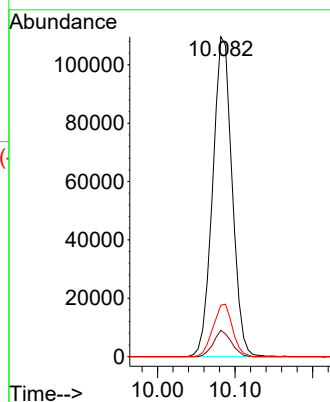
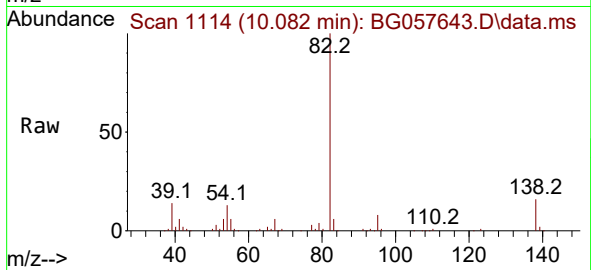
Tgt Ion: 82 Resp: 190906

Ion Ratio Lower Upper

82 100

95 8.2 6.3 9.5

138 16.1 12.0 18.0



#26

2-Nitrophenol

Concen: 48.262 ng

RT: 10.281 min Scan# 1148

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

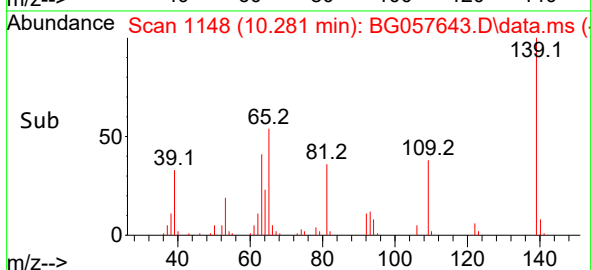
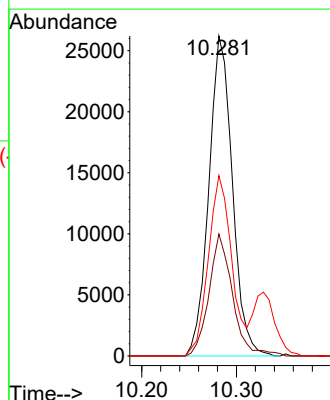
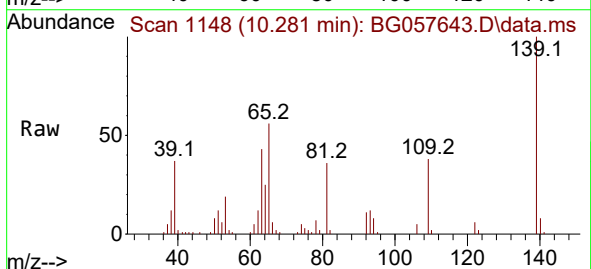
Tgt Ion:139 Resp: 45288

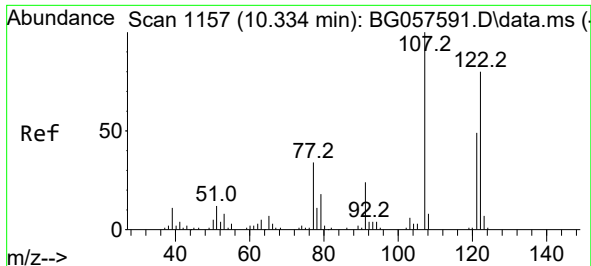
Ion Ratio Lower Upper

139 100

109 38.1 29.5 44.3

65 56.4 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 49.588 ng

RT: 10.328 min Scan# 1156

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

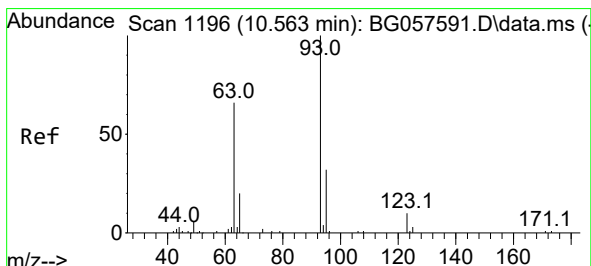
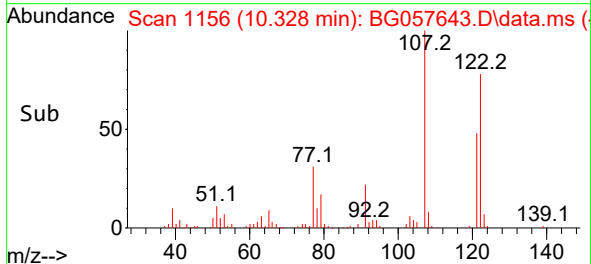
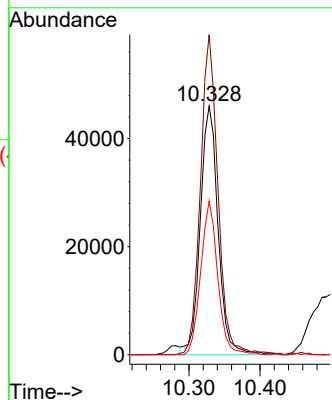
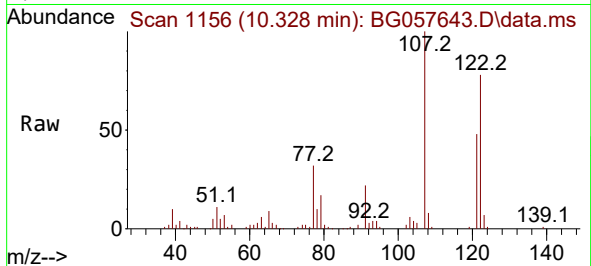
Tgt Ion:122 Resp: 80449

Ion Ratio Lower Upper

122 100

107 128.7 99.4 149.2

121 61.9 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 49.636 ng

RT: 10.558 min Scan# 1195

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

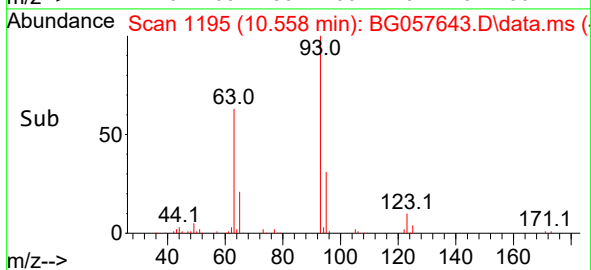
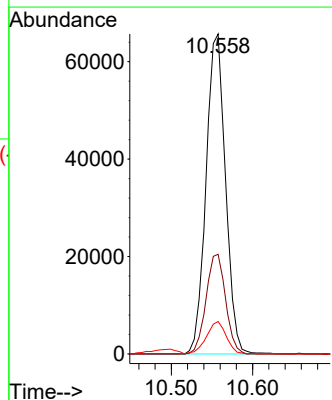
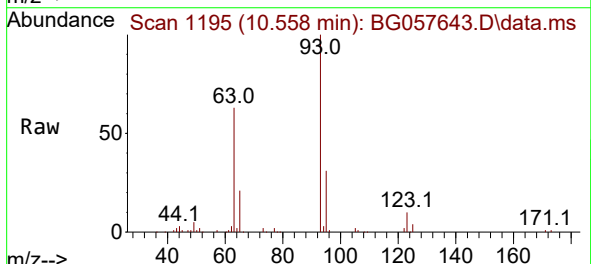
Tgt Ion: 93 Resp: 109073

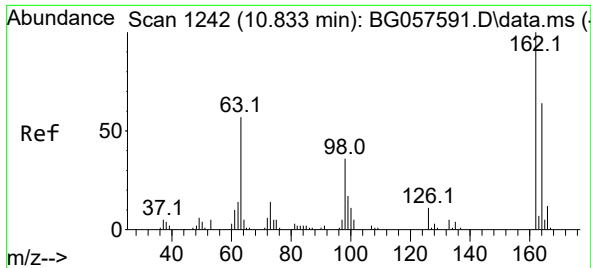
Ion Ratio Lower Upper

93 100

95 31.2 25.3 37.9

123 10.1 8.2 12.4

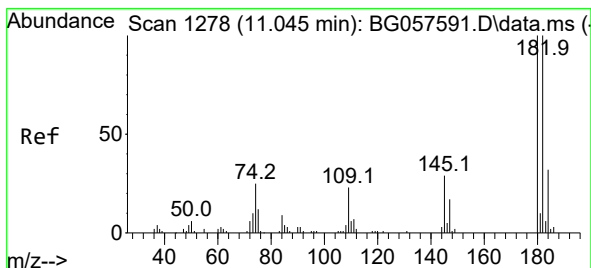
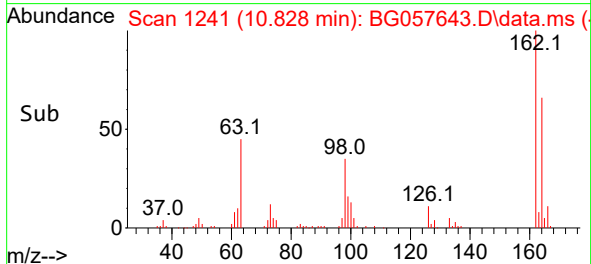
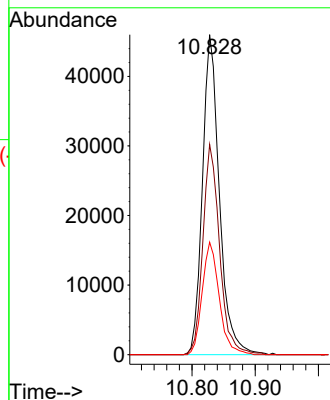
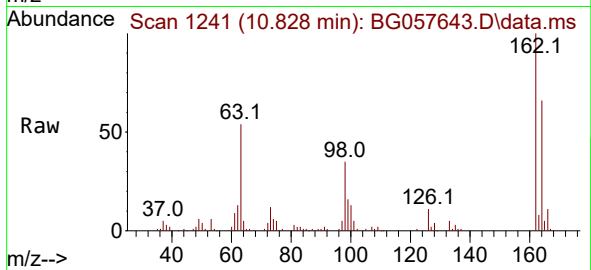




#29
2,4-Dichlorophenol
Concen: 50.250 ng
RT: 10.828 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

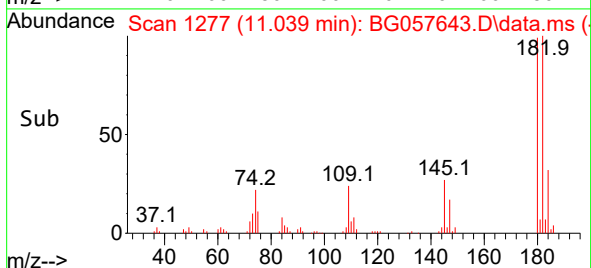
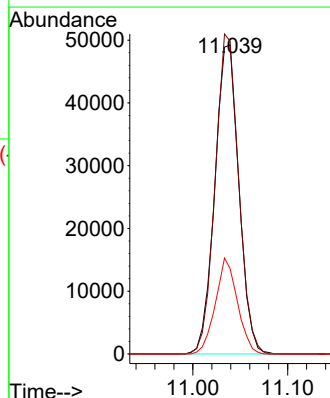
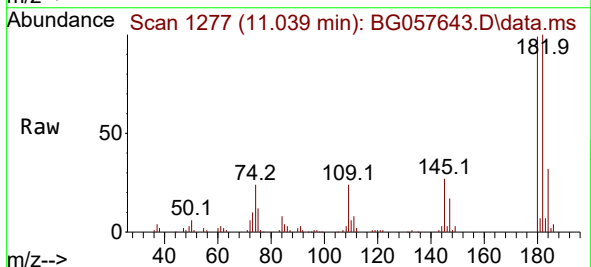
Instrument :
BNA_G
ClientSampleId :
PB153157BS

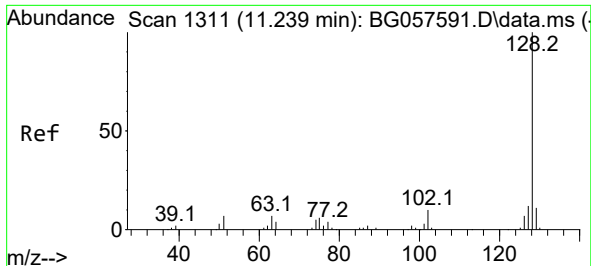
Tgt Ion:162 Resp: 85624
Ion Ratio Lower Upper
162 100
164 65.7 44.1 84.1
98 35.2 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 46.748 ng
RT: 11.039 min Scan# 1277
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:180 Resp: 86814
Ion Ratio Lower Upper
180 100
182 101.2 80.2 120.2
145 27.6 23.1 34.7

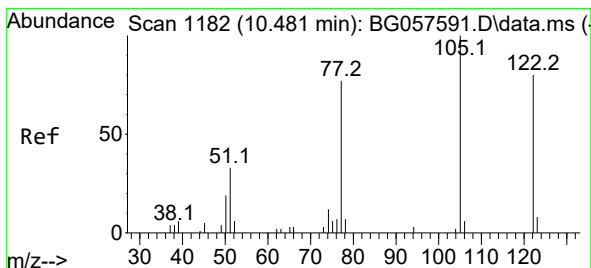
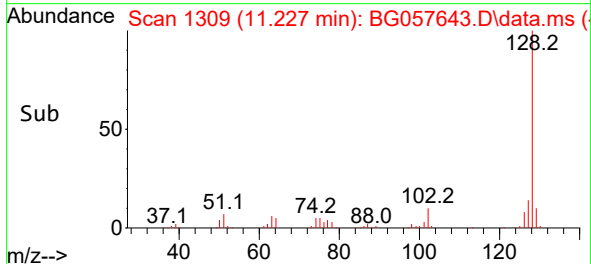
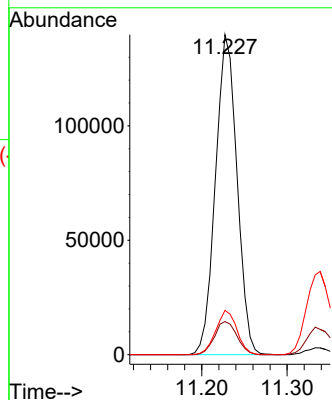
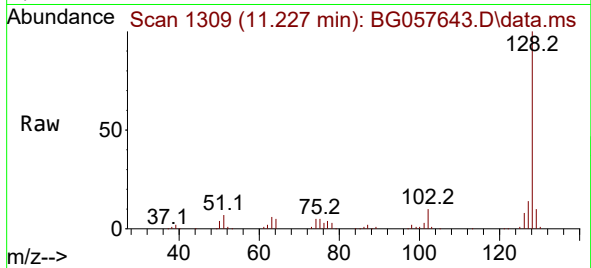




#31
Naphthalene
Concen: 45.952 ng
RT: 11.227 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

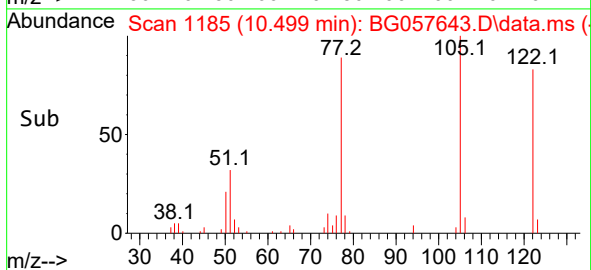
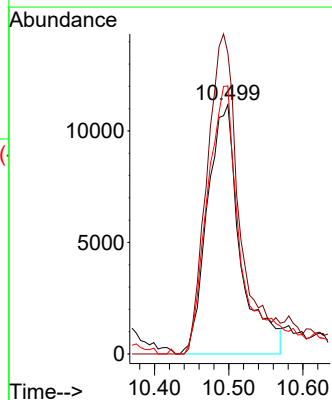
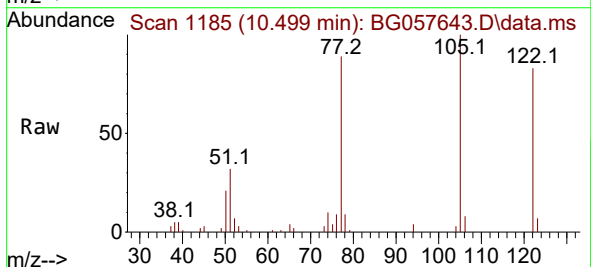
Instrument :
BNA_G
ClientSampleId :
PB153157BS

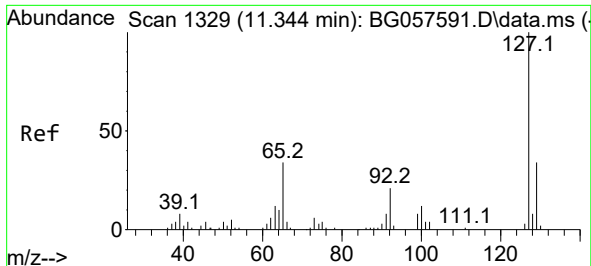
Tgt Ion:128 Resp: 244995
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.9 9.8 14.8



#32
Benzoic acid
Concen: 38.068 ng
RT: 10.499 min Scan# 1185
Delta R.T. 0.021 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:122 Resp: 34500
Ion Ratio Lower Upper
122 100
105 120.7 104.8 144.8
77 107.6 75.8 115.8

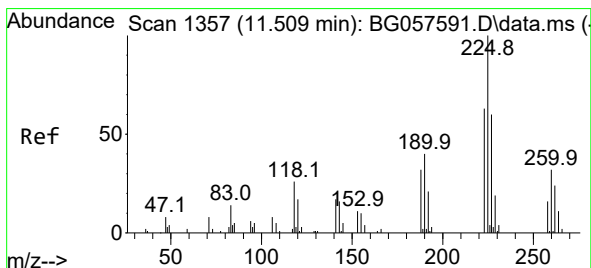
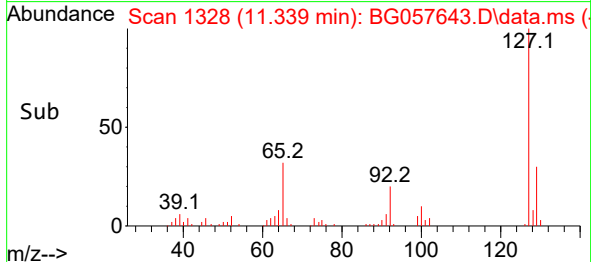
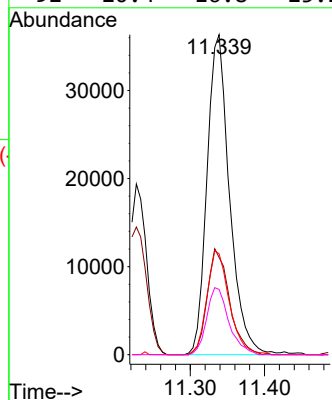
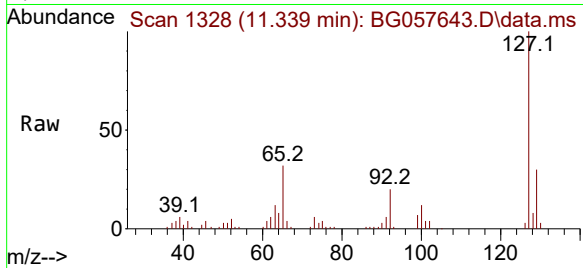




#33
4-Chloroaniline
Concen: 31.245 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

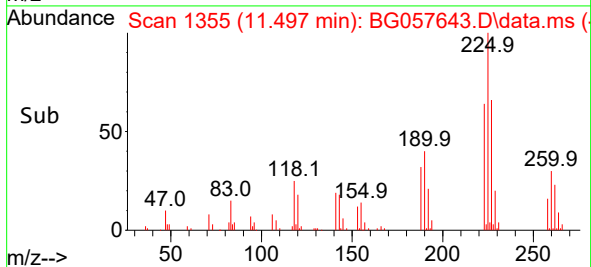
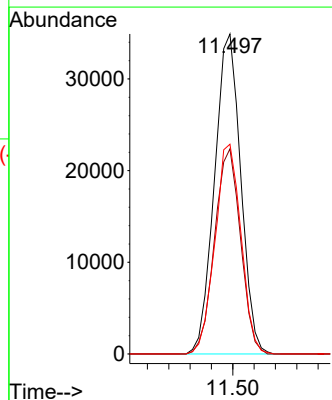
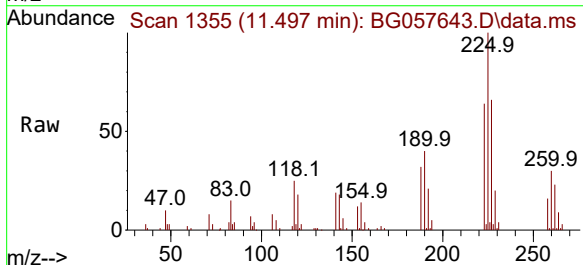
Instrument :
BNA_G
ClientSampleId :
PB153157BS

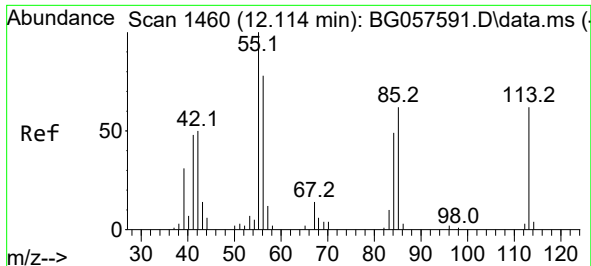
Tgt Ion:	127	Resp:	76606
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.9	40.3
65	31.5	27.3	40.9
92	20.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 46.381 ng
RT: 11.497 min Scan# 1355
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:	225	Resp:	59575
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.1	75.1
227	65.6	47.9	71.9

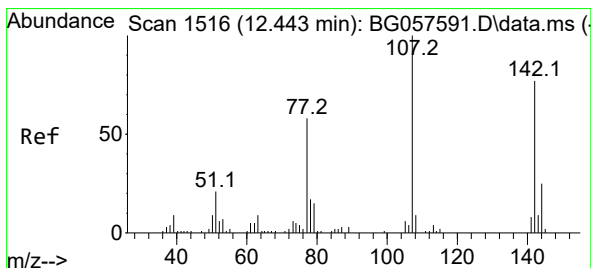
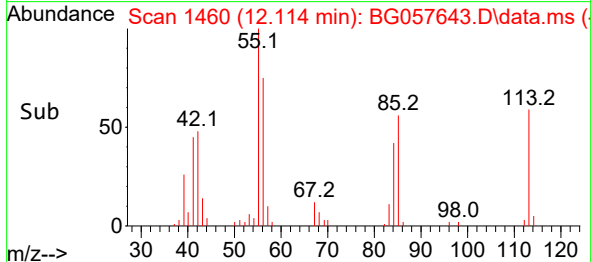
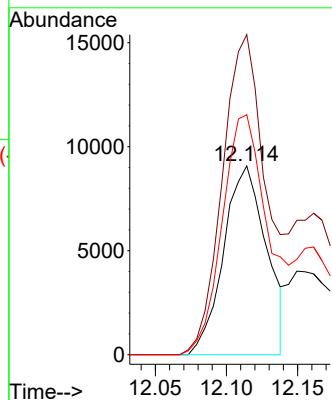
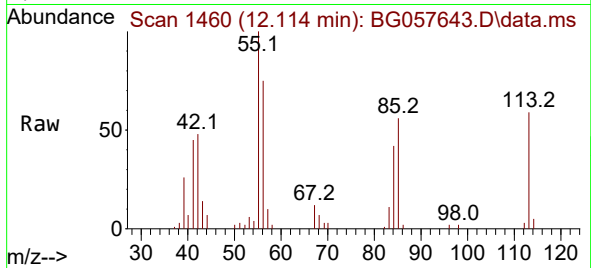




#35
Caprolactam
Concen: 26.870 ng
RT: 12.114 min Scan# 1460
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

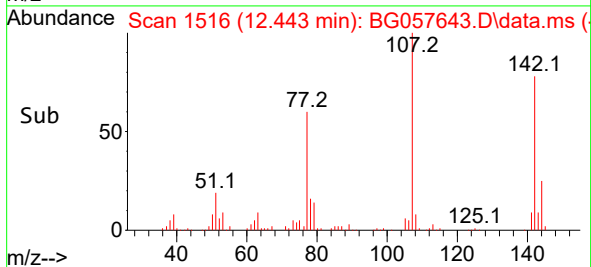
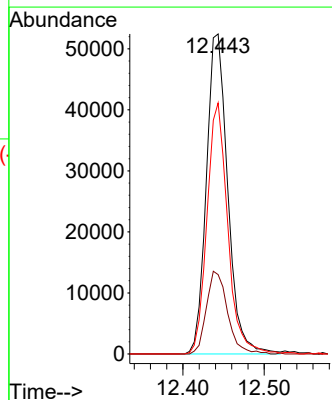
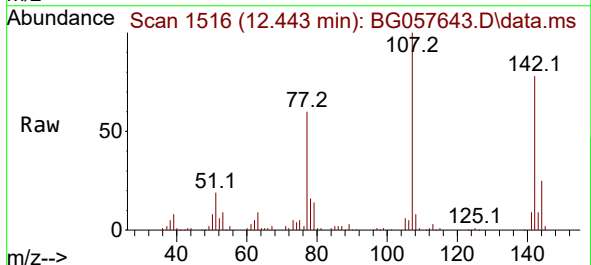
Instrument :
BNA_G
ClientSampleId :
PB153157BS

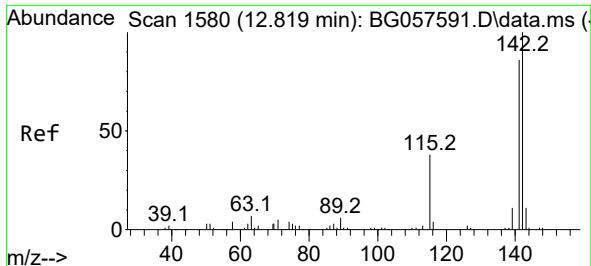
Tgt Ion:113 Resp: 18980
Ion Ratio Lower Upper
113 100
55 169.4 140.9 180.9
56 127.1 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 47.488 ng
RT: 12.443 min Scan# 1516
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:107 Resp: 95780
Ion Ratio Lower Upper
107 100
144 24.8 19.7 29.5
142 78.4 61.6 92.4





#37

2-Methylnaphthalene

Concen: 44.580 ng

RT: 12.807 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

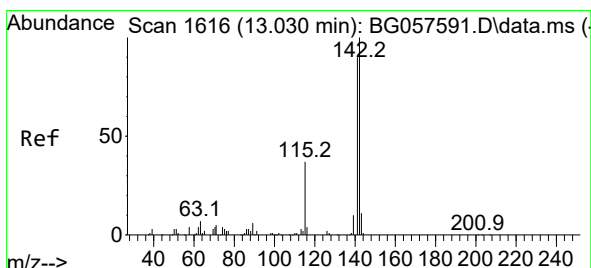
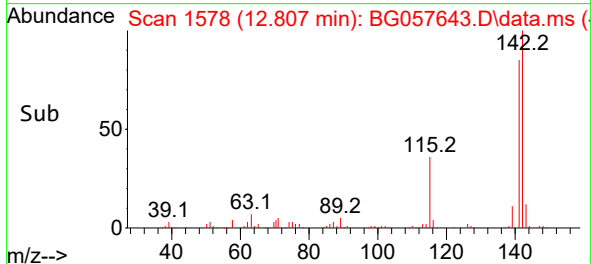
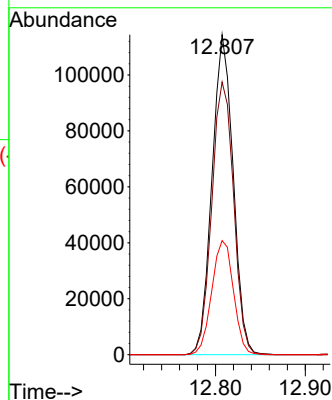
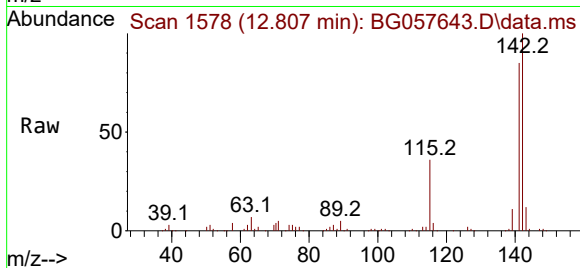
Tgt Ion:142 Resp: 186545

Ion Ratio Lower Upper

142 100

141 85.2 68.6 103.0

115 35.6 30.4 45.6



#38

1-Methylnaphthalene

Concen: 43.578 ng

RT: 13.025 min Scan# 1615

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

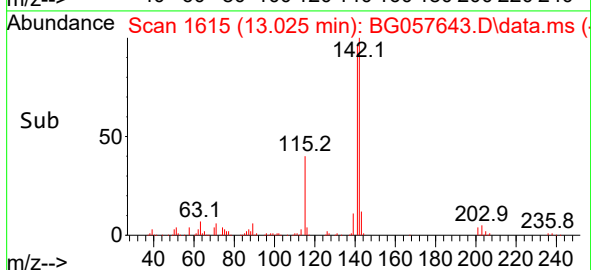
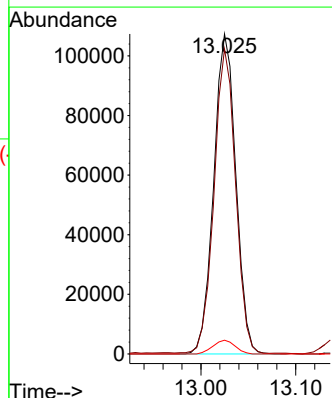
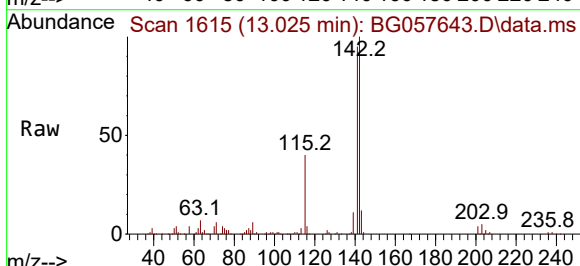
Tgt Ion:142 Resp: 174015

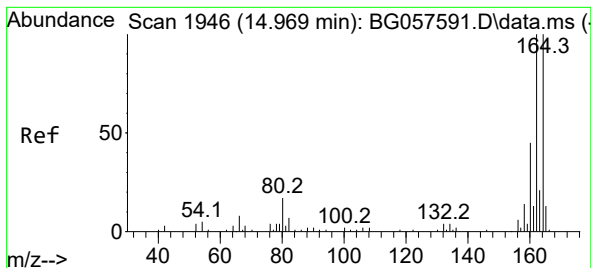
Ion Ratio Lower Upper

142 100

141 95.3 72.1 108.1

116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.957 min Scan# 1944

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

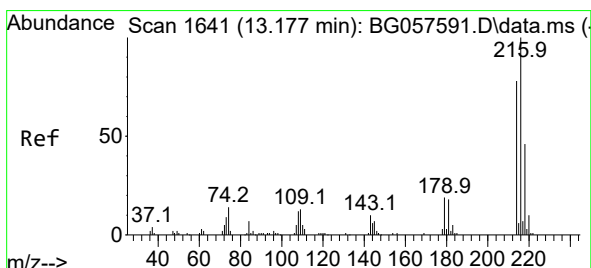
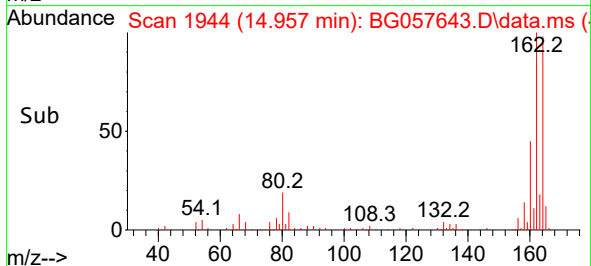
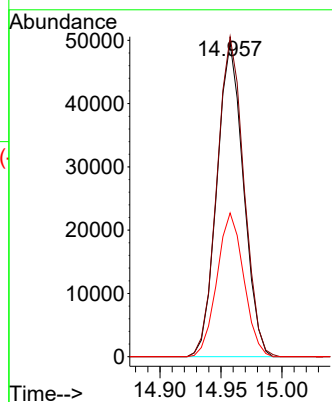
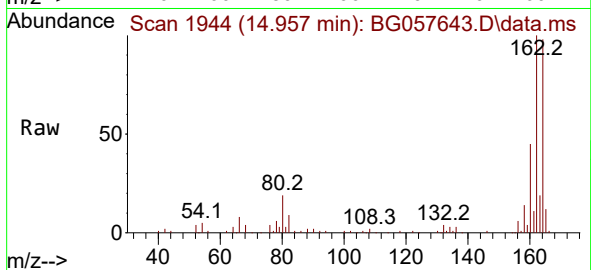
Tgt Ion:164 Resp: 74902

Ion Ratio Lower Upper

164 100

162 101.9 80.1 120.1

160 45.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.983 ng

RT: 13.172 min Scan# 1640

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Tgt Ion:216 Resp: 120426

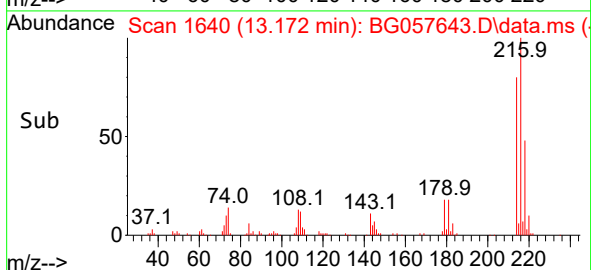
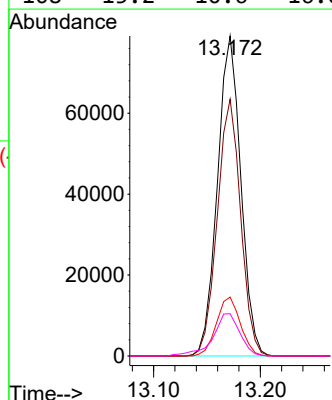
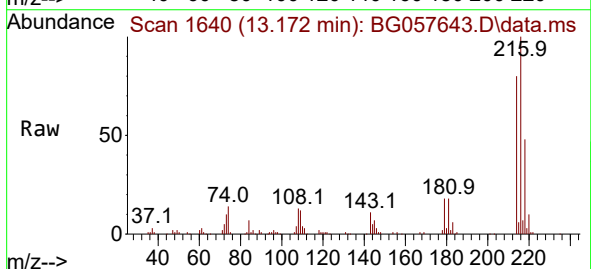
Ion Ratio Lower Upper

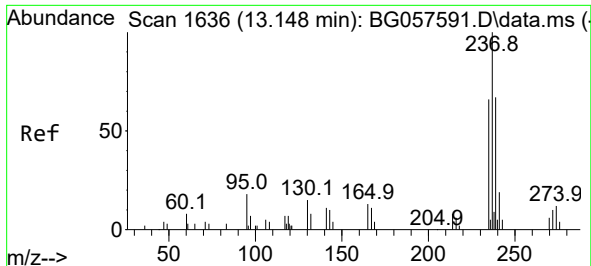
216 100

214 79.9 63.0 94.6

179 18.8 15.0 22.6

108 15.2 10.6 16.0

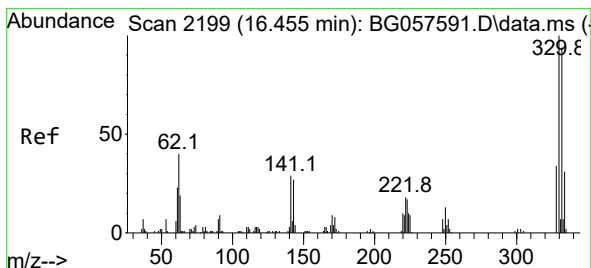
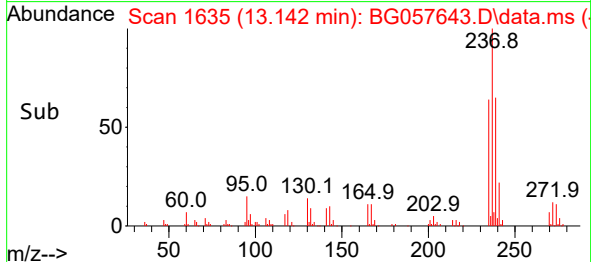
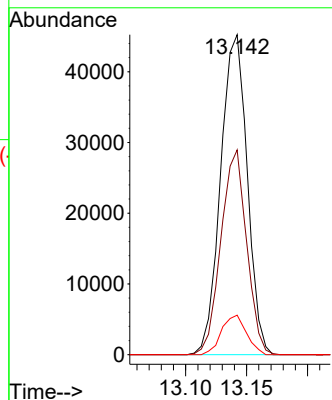
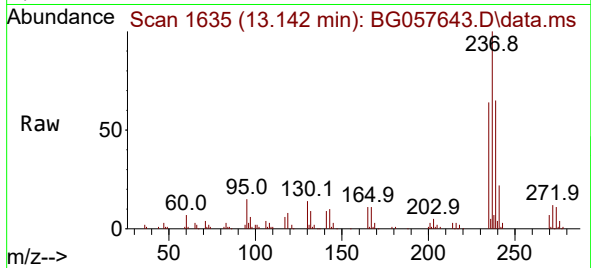




#41
Hexachlorocyclopentadiene
Concen: 97.047 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

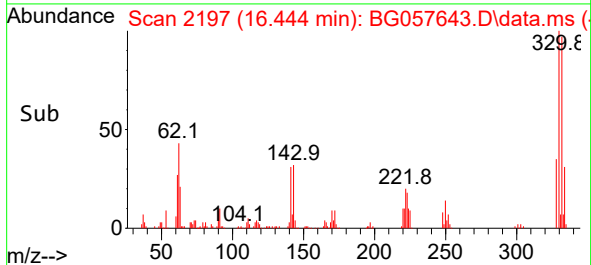
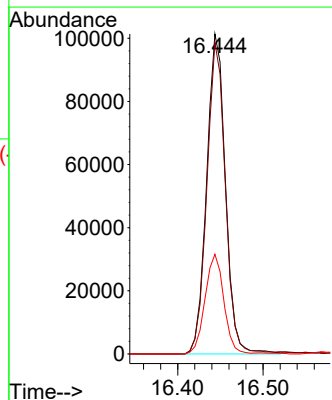
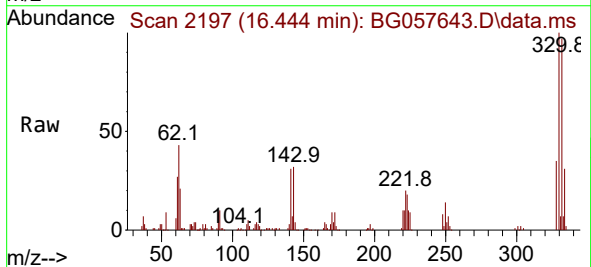
Instrument :
BNA_G
ClientSampleId :
PB153157BS

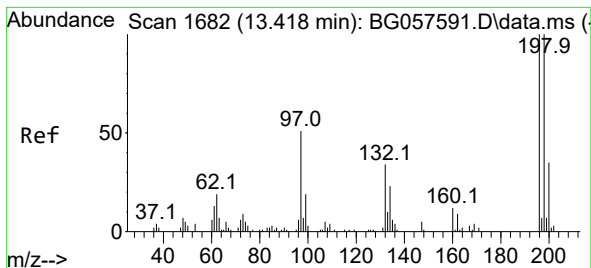
Tgt Ion:237 Resp: 68668
Ion Ratio Lower Upper
237 100
235 64.0 45.7 85.7
272 12.4 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 129.459 ng
RT: 16.444 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:330 Resp: 155247
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 31.1 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 49.885 ng

RT: 13.407 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057643.D

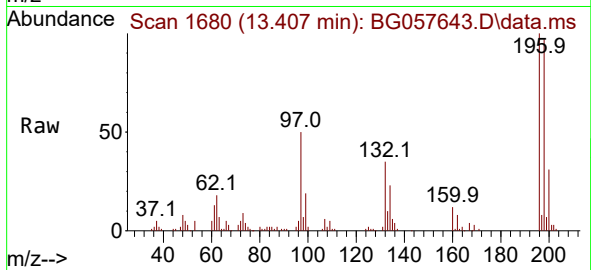
Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS



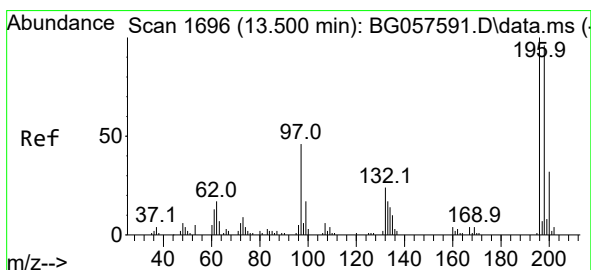
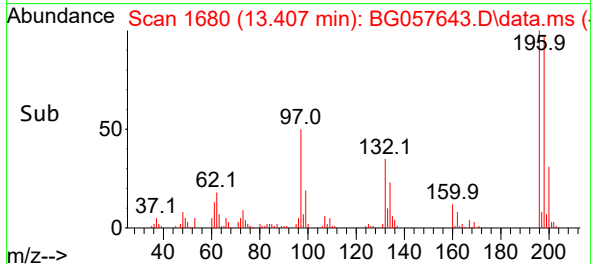
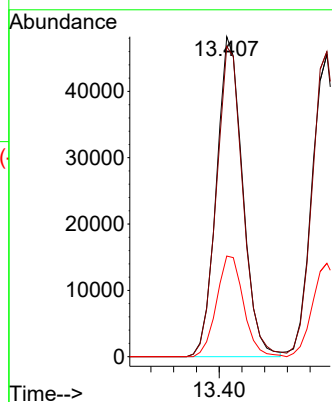
Tgt Ion:196 Resp: 77211

Ion Ratio Lower Upper

196 100

198 96.9 79.6 119.4

200 31.5 28.2 42.2



#44

2,4,5-Trichlorophenol

Concen: 45.127 ng

RT: 13.495 min Scan# 1695

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Tgt Ion:196 Resp: 83188

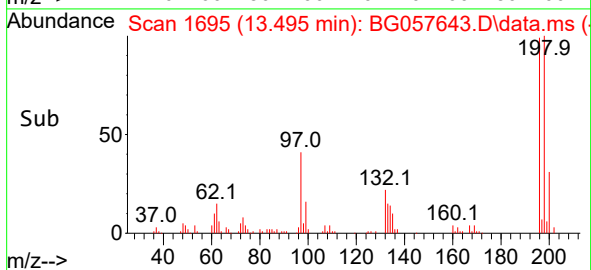
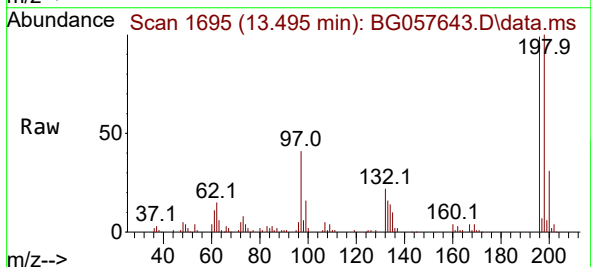
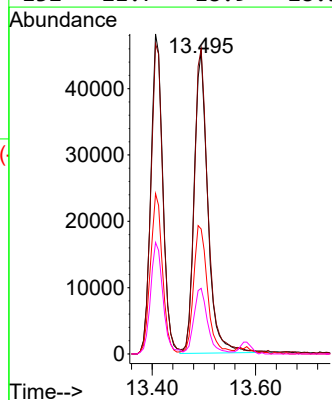
Ion Ratio Lower Upper

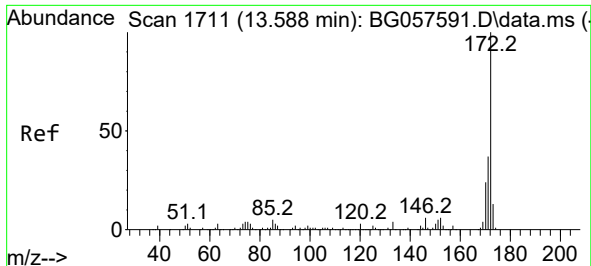
196 100

198 100.9 76.9 115.3

97 41.3 36.6 55.0

132 21.7 18.9 28.3

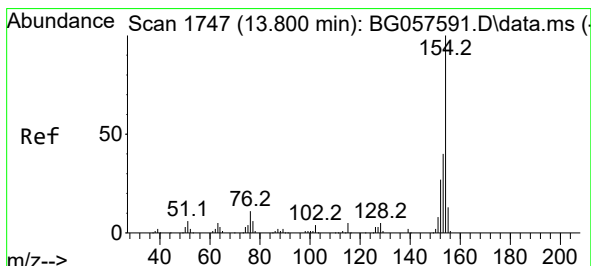
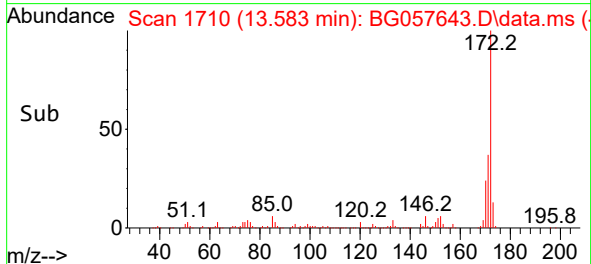
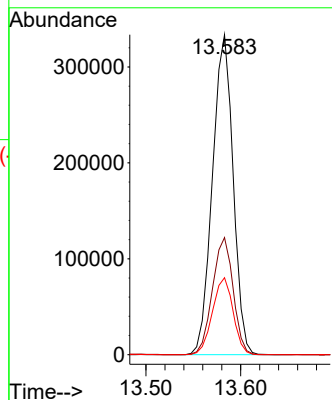
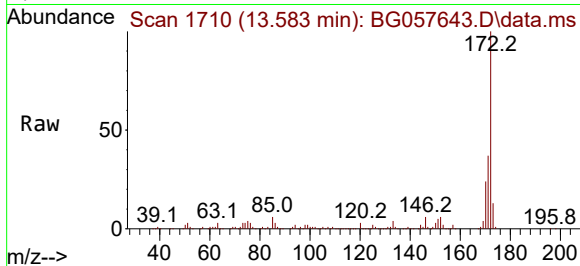




#45
2-Fluorobiphenyl
Concen: 96.914 ng
RT: 13.583 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

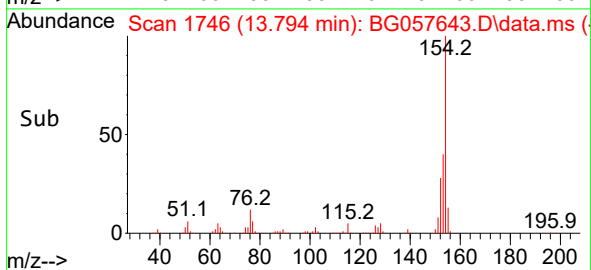
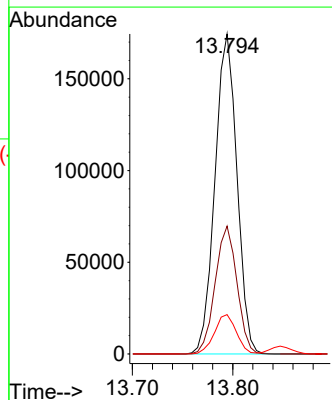
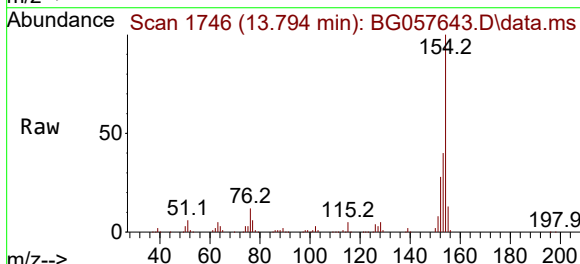
Instrument :
BNA_G
ClientSampleId :
PB153157BS

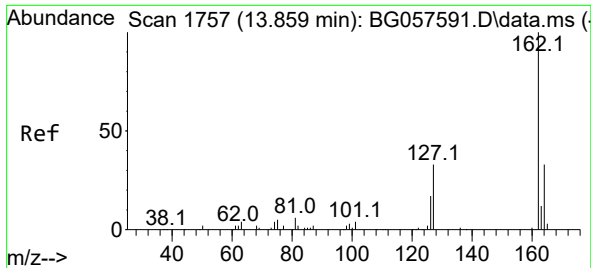
Tgt Ion:172 Resp: 505113
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 49.498 ng
RT: 13.794 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:154 Resp: 264979
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 12.3 0.0 30.9

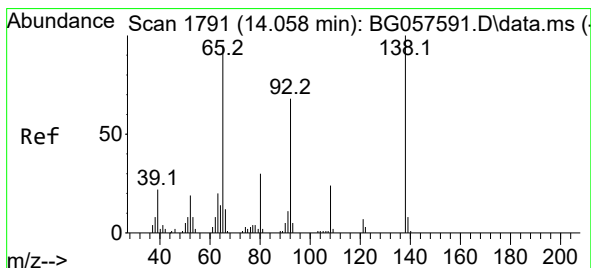
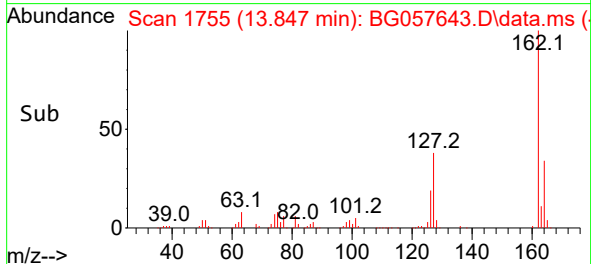
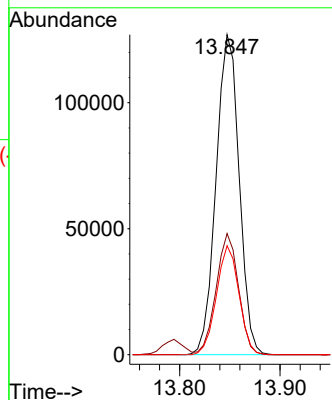
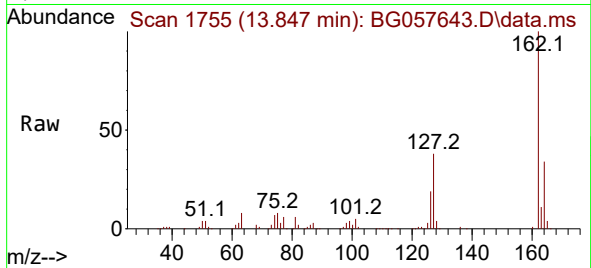




#47
2-Chloronaphthalene
Concen: 50.195 ng
RT: 13.847 min Scan# 1755
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

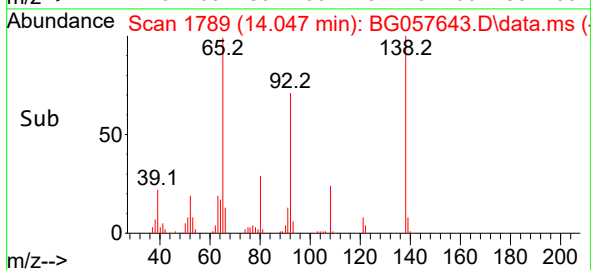
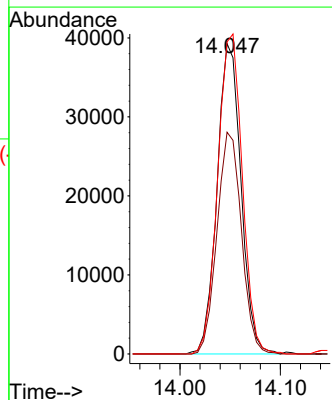
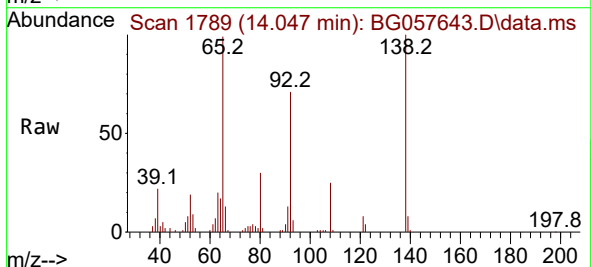
Instrument :
BNA_G
ClientSampleId :
PB153157BS

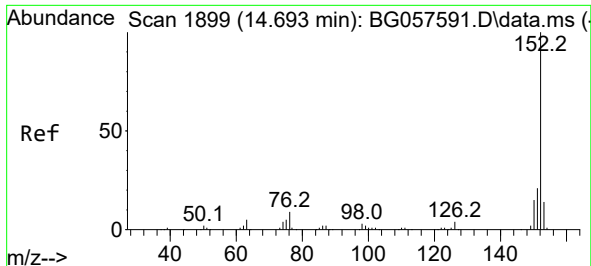
Tgt Ion:162 Resp: 202399
Ion Ratio Lower Upper
162 100
127 37.8 28.2 42.2
164 34.0 26.1 39.1



#48
2-Nitroaniline
Concen: 46.050 ng
RT: 14.047 min Scan# 1789
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion: 65 Resp: 65043
Ion Ratio Lower Upper
65 100
92 71.5 57.3 85.9
138 100.6 84.6 127.0

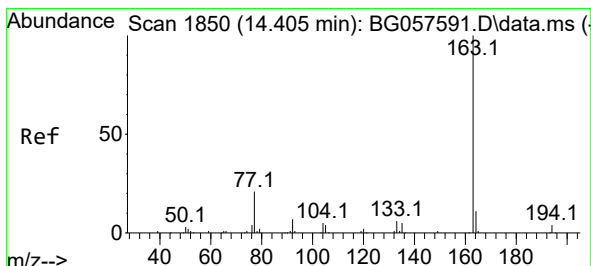
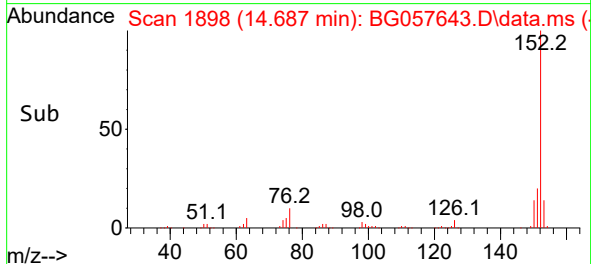
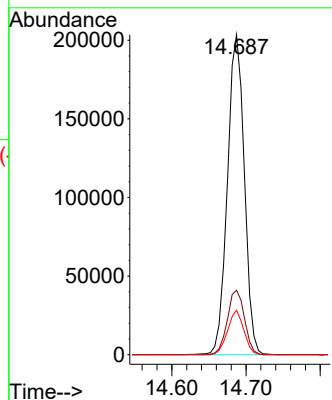
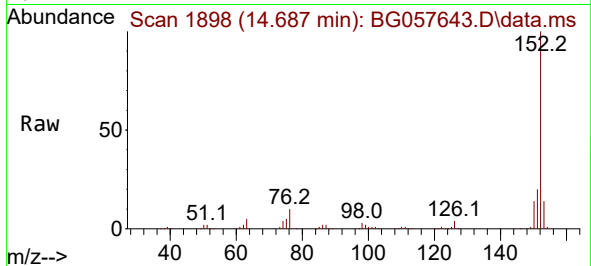




#49
Acenaphthylene
Concen: 47.075 ng
RT: 14.687 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

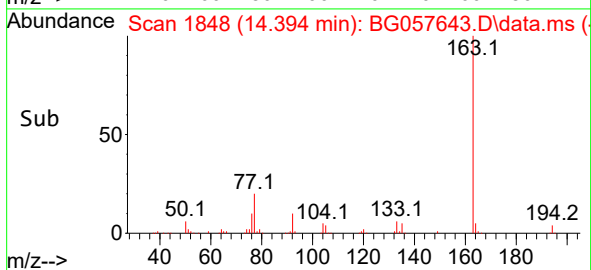
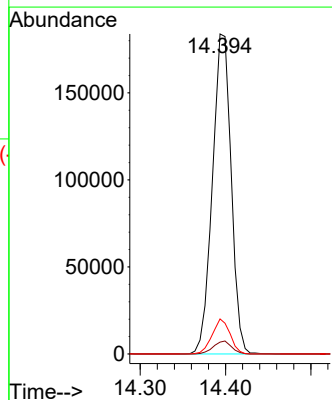
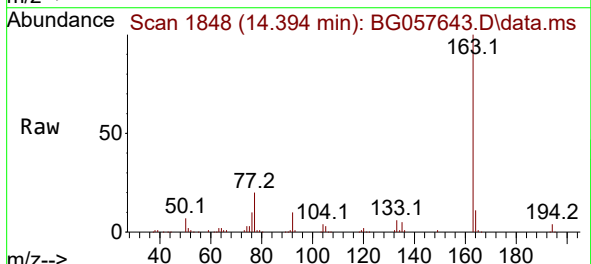
Instrument :
BNA_G
ClientSampleId :
PB153157BS

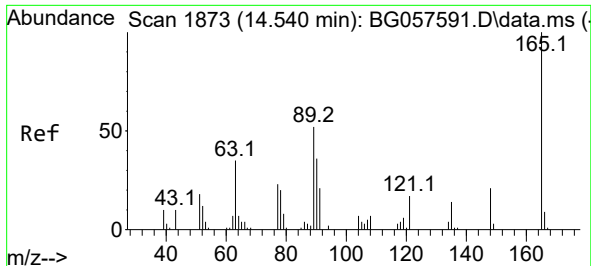
Tgt Ion:152 Resp: 321432
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 13.9 11.0 16.4



#50
Dimethylphthalate
Concen: 45.466 ng
RT: 14.394 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:163 Resp: 280674
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 11.0 8.5 12.7

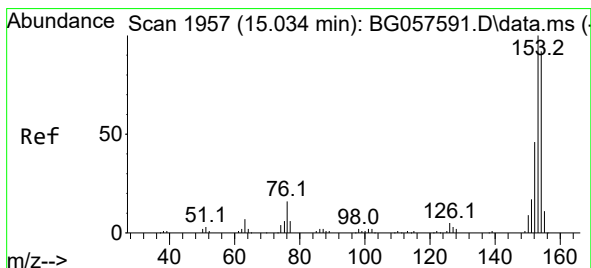
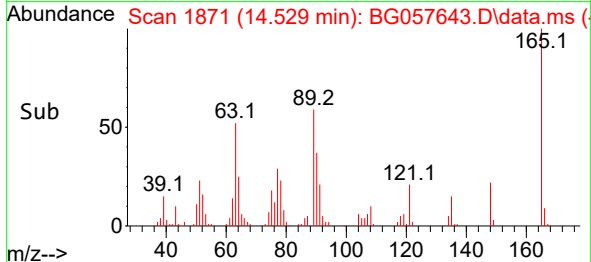
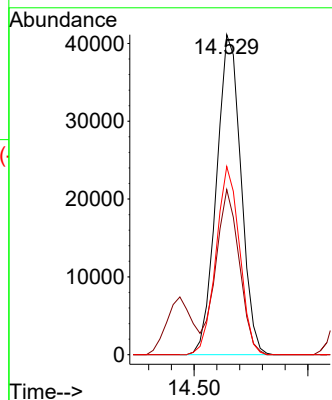
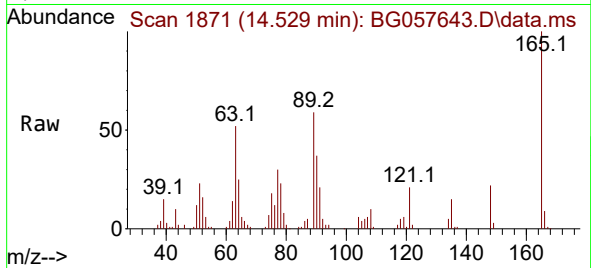




#51
2,6-Dinitrotoluene
Concen: 46.582 ng
RT: 14.529 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

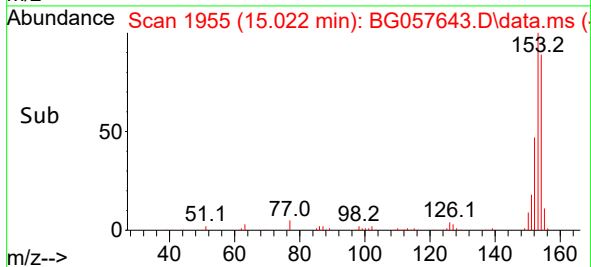
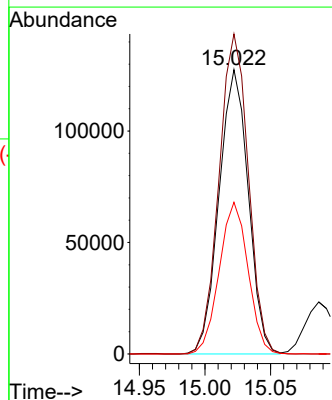
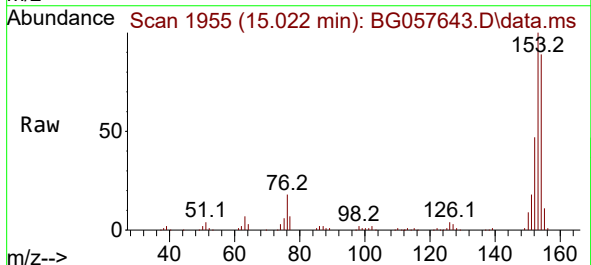
Instrument :
BNA_G
ClientSampleId :
PB153157BS

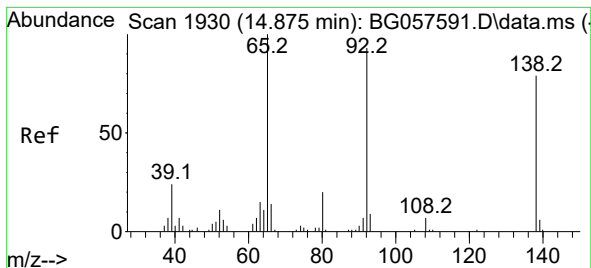
Tgt Ion:165 Resp: 61558
Ion Ratio Lower Upper
165 100
63 51.6 39.3 58.9
89 58.8 41.5 62.3



#52
Acenaphthene
Concen: 47.287 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:154 Resp: 197570
Ion Ratio Lower Upper
154 100
153 112.5 87.4 131.0
152 53.4 40.2 60.4

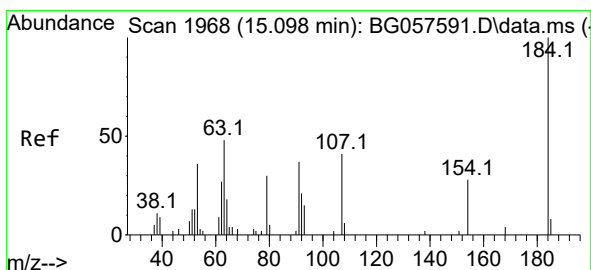
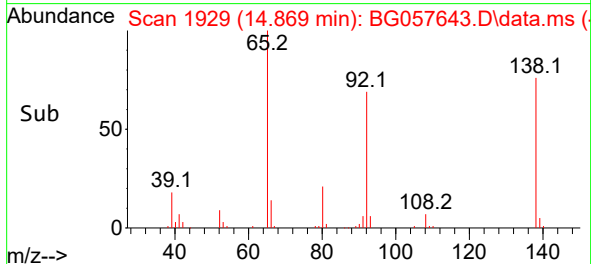
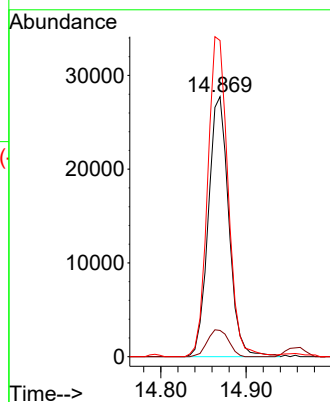
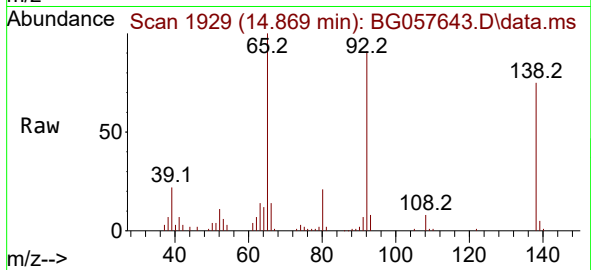




#53
3-Nitroaniline
Concen: 33.432 ng
RT: 14.869 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

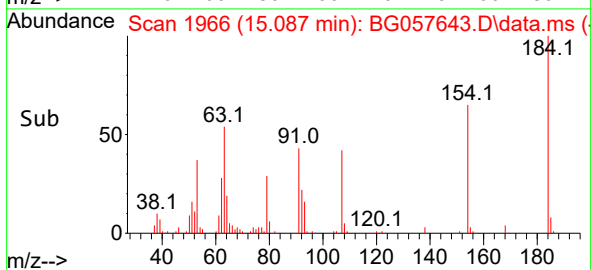
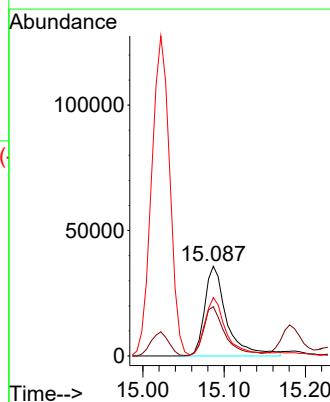
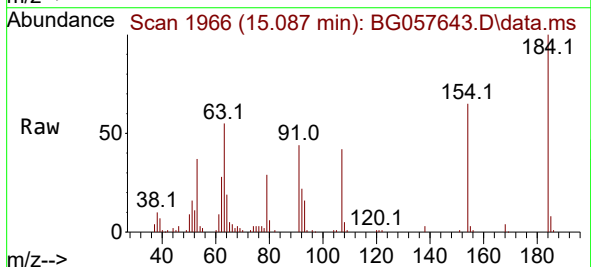
Instrument :
BNA_G
ClientSampleId :
PB153157BS

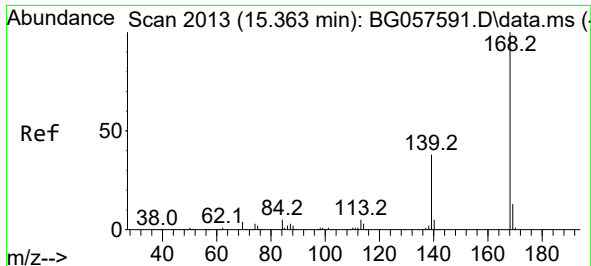
Tgt Ion:138 Resp: 46081
Ion Ratio Lower Upper
138 100
108 10.1 7.1 10.7
92 121.5 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 84.215 ng
RT: 15.087 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:184 Resp: 67445
Ion Ratio Lower Upper
184 100
63 54.9 41.4 62.2
154 65.1 52.5 78.7

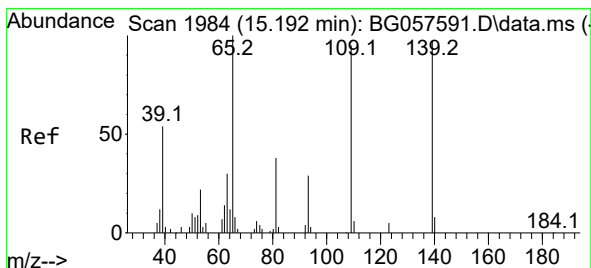
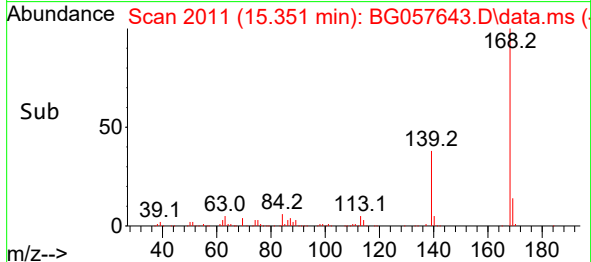
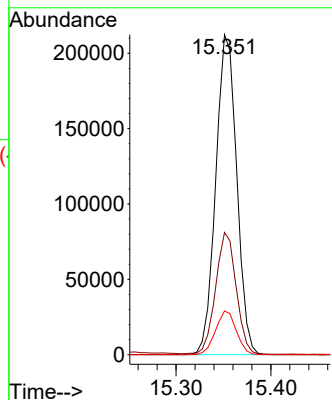
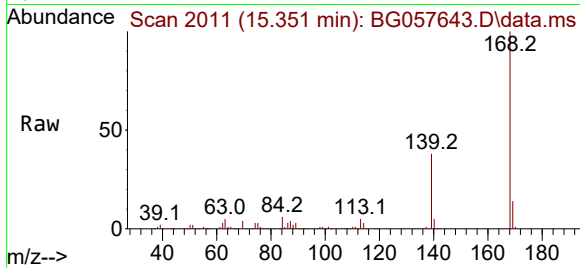




#55
Dibenzenofuran
Concen: 45.770 ng
RT: 15.351 min Scan# 2013
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

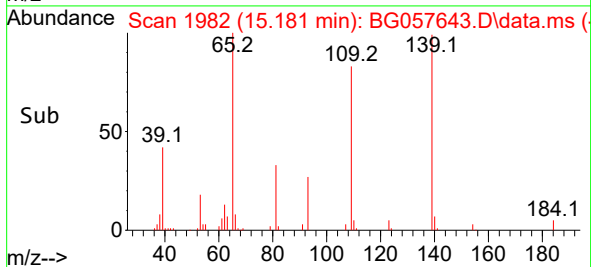
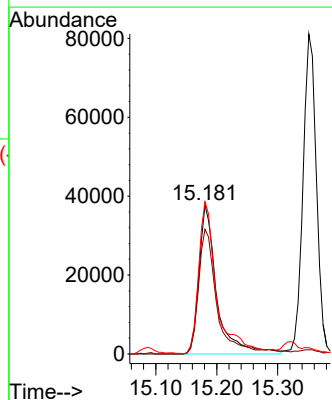
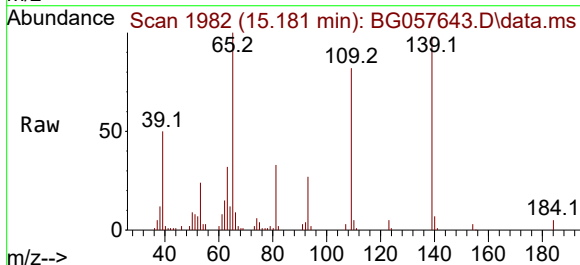
Instrument :
BNA_G
ClientSampleId :
PB153157BS

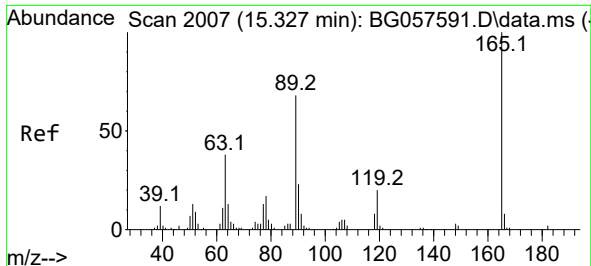
Tgt Ion:168 Resp: 326757
Ion Ratio Lower Upper
168 100
139 38.2 30.6 46.0
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 83.395 ng
RT: 15.181 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:139 Resp: 76586
Ion Ratio Lower Upper
139 100
109 83.8 78.2 118.2
65 102.5 83.2 123.2





#57

2,4-Dinitrotoluene

Concen: 45.083 ng

RT: 15.322 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

Tgt Ion:165 Resp: 89202

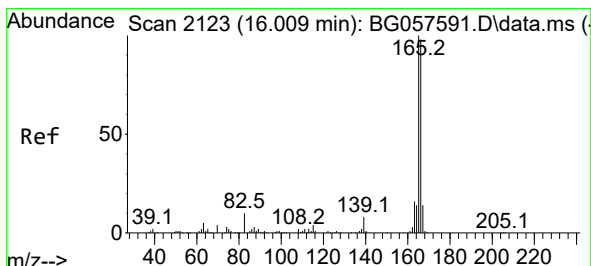
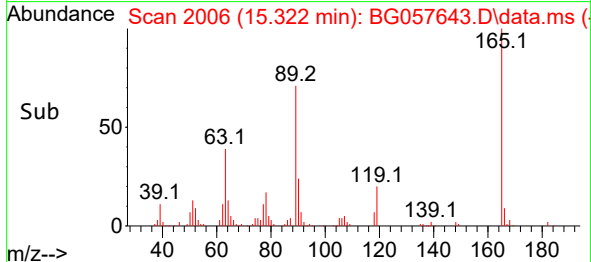
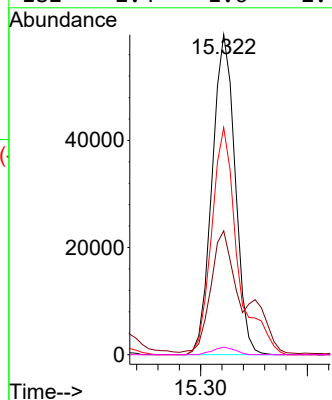
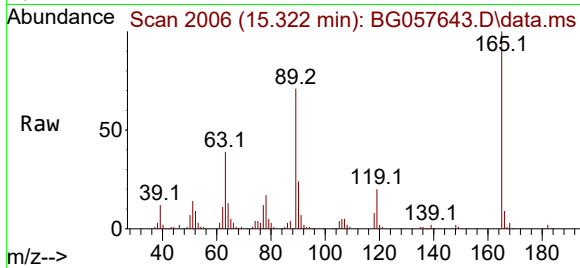
Ion Ratio Lower Upper

165 100

63 38.7 30.6 45.8

89 71.0 54.2 81.2

182 2.4 1.6 2.4



#58

Fluorene

Concen: 45.185 ng

RT: 15.997 min Scan# 2121

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

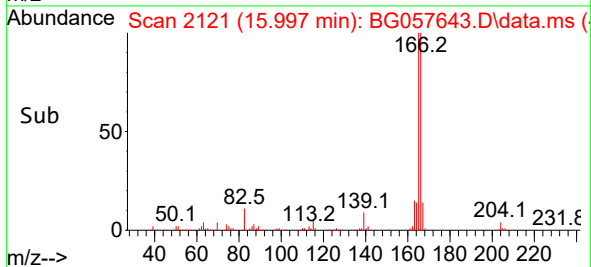
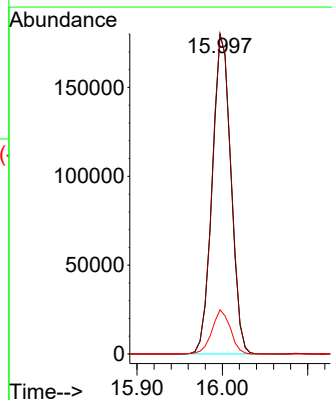
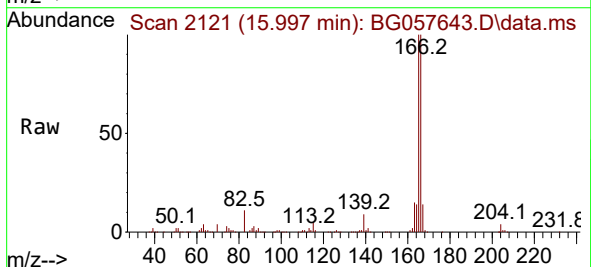
Tgt Ion:166 Resp: 272366

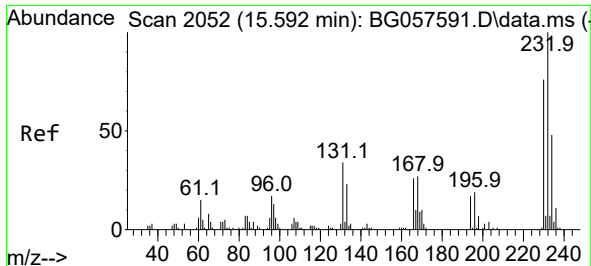
Ion Ratio Lower Upper

166 100

165 99.9 81.2 121.8

167 13.8 11.1 16.7

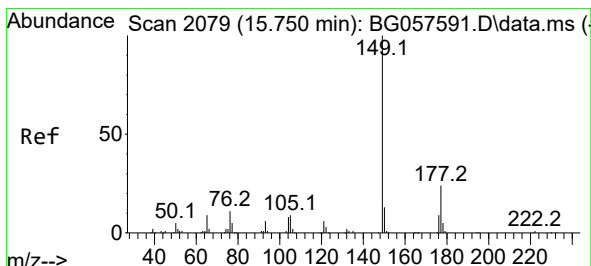
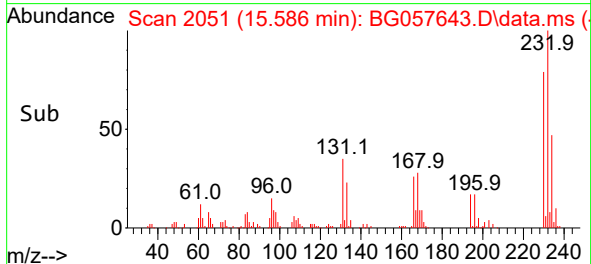
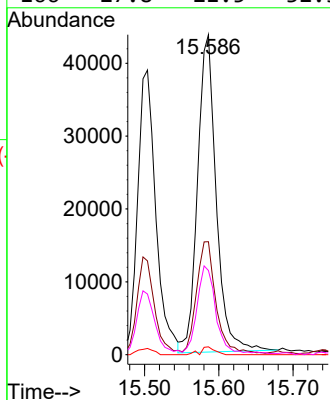
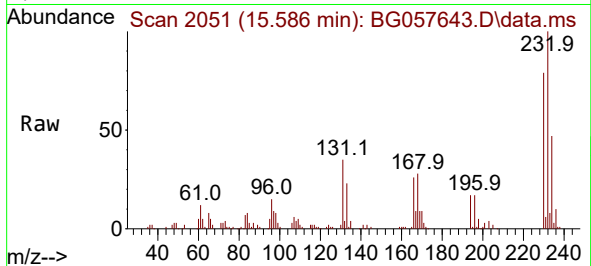




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.021 ng
RT: 15.586 min Scan# 2051
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

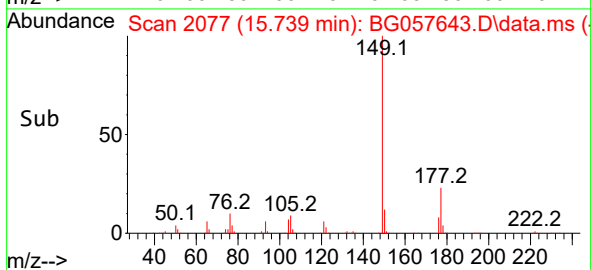
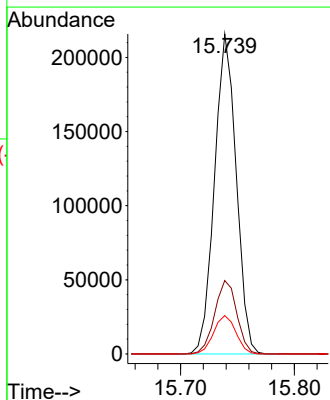
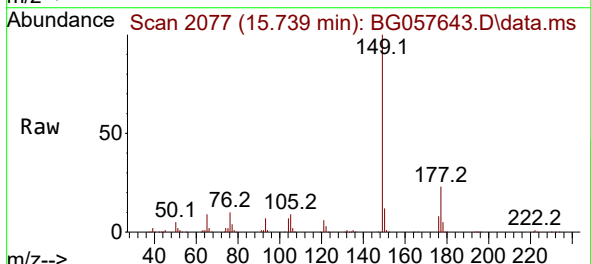
Instrument :
BNA_G
ClientSampleId :
PB153157BS

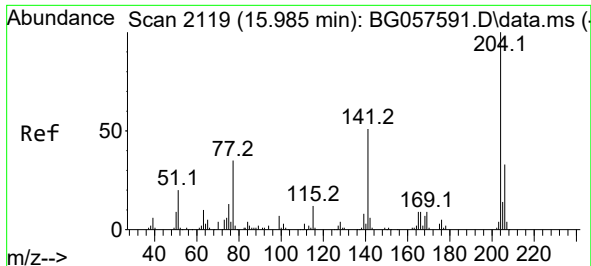
Tgt Ion:232 Resp: 76024
Ion Ratio Lower Upper
232 100
131 36.5 28.6 43.0
130 1.9 1.8 2.6
166 27.8 21.5 32.3



#60
Diethylphthalate
Concen: 44.413 ng
RT: 15.739 min Scan# 2077
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:149 Resp: 286169
Ion Ratio Lower Upper
149 100
177 22.9 19.0 28.6
150 12.0 10.1 15.1

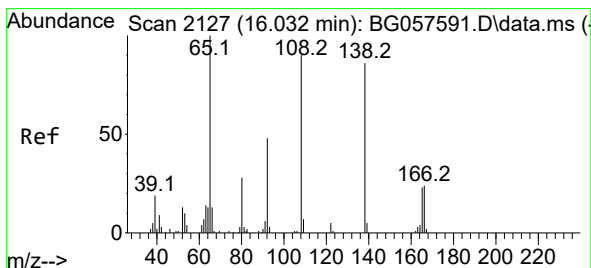
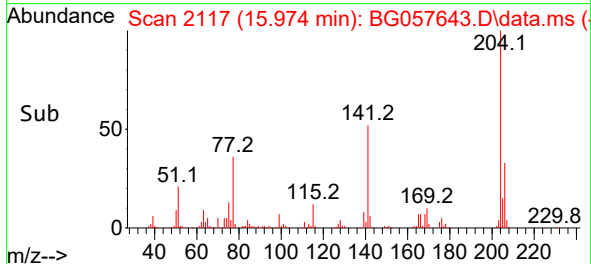
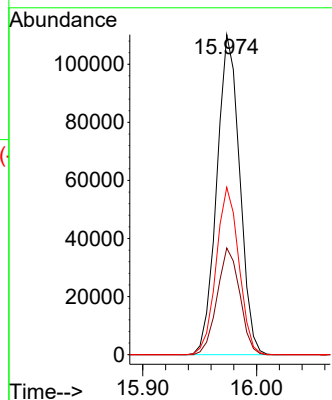
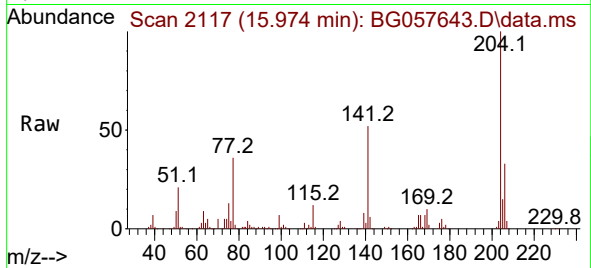




#61
4-Chlorophenyl-phenylether
Concen: 45.913 ng
RT: 15.974 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

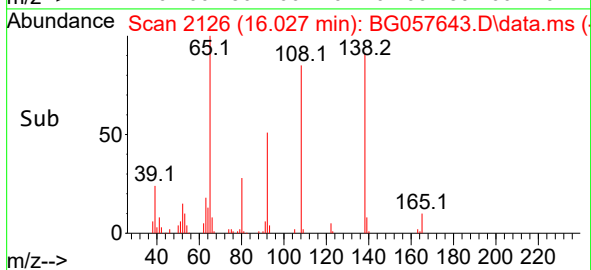
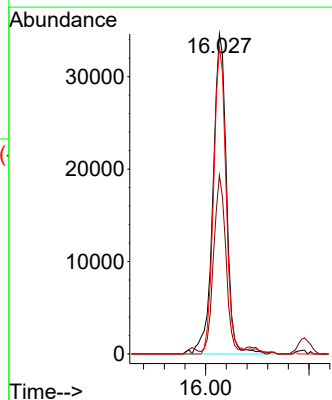
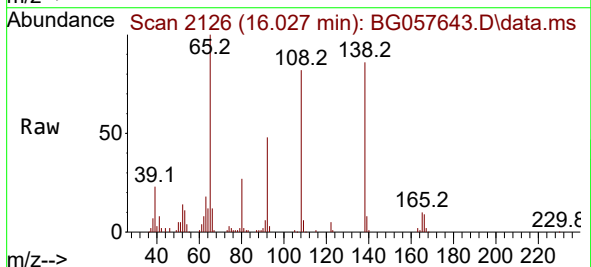
Instrument :
BNA_G
ClientSampleId :
PB153157BS

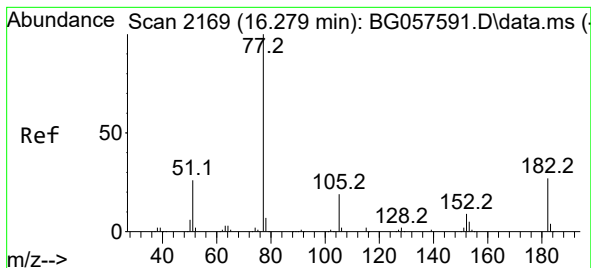
Tgt Ion:204 Resp: 154238
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 52.3 40.8 61.2



#62
4-Nitroaniline
Concen: 42.456 ng
RT: 16.027 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:138 Resp: 63125
Ion Ratio Lower Upper
138 100
92 55.9 36.4 76.4
108 96.2 85.4 125.4





#63

Azobenzene

Concen: 46.441 ng

RT: 16.267 min Scan# 2167

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

Tgt Ion: 77 Resp: 266118

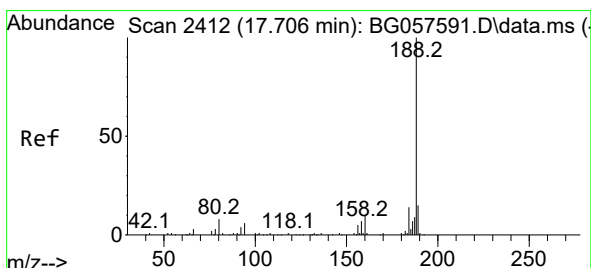
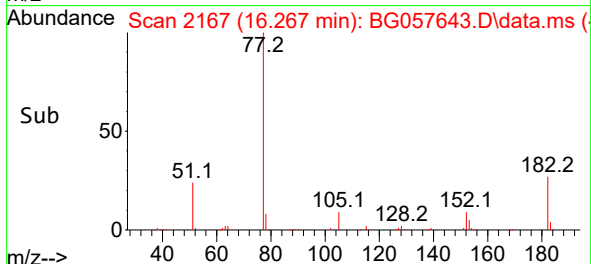
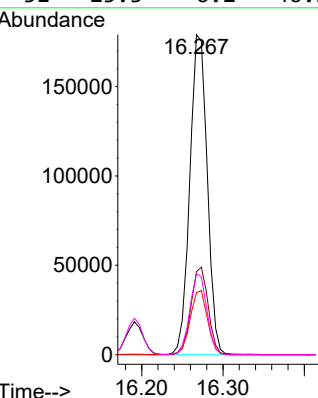
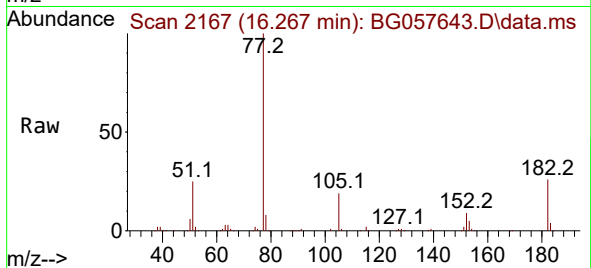
Ion Ratio Lower Upper

77 100

182 26.0 7.4 47.4

105 19.4 0.0 39.4

51 25.3 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2411

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

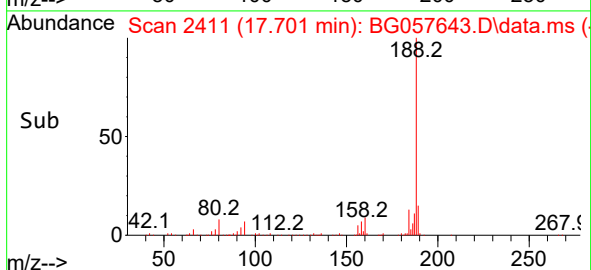
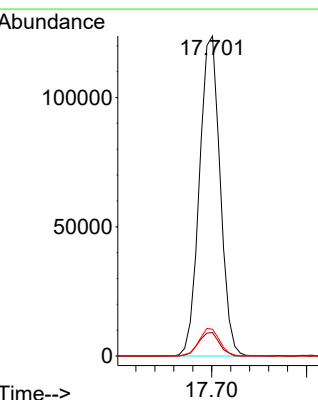
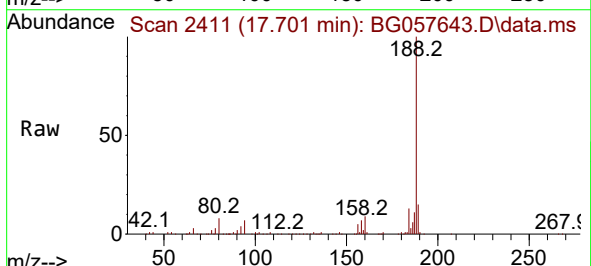
Tgt Ion:188 Resp: 187127

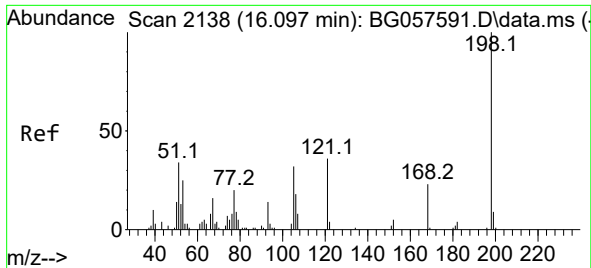
Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

80 8.3 6.7 10.1

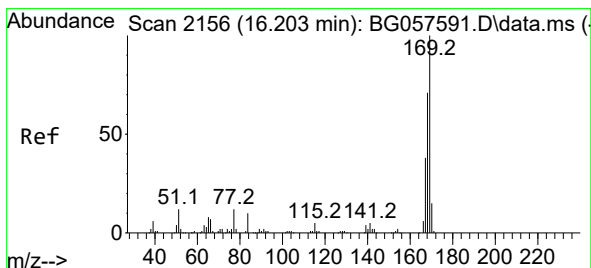
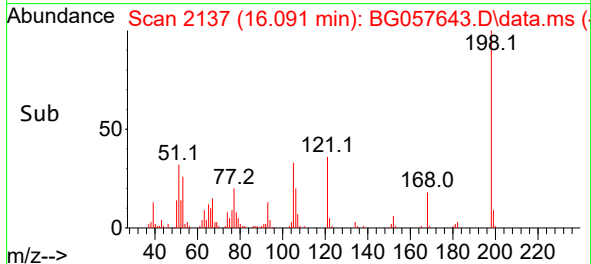
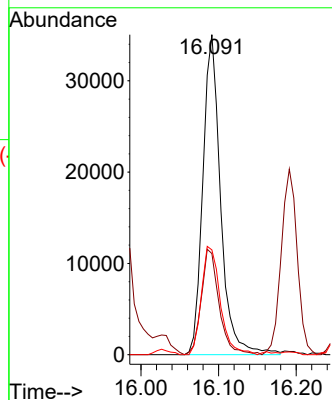
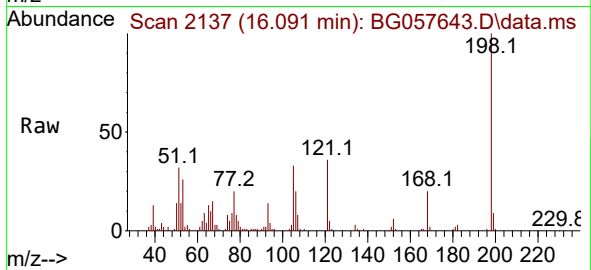




#65
4,6-Dinitro-2-methylphenol
Concen: 48.974 ng
RT: 16.091 min Scan# 2137
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

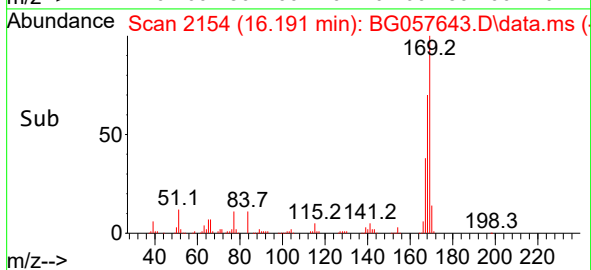
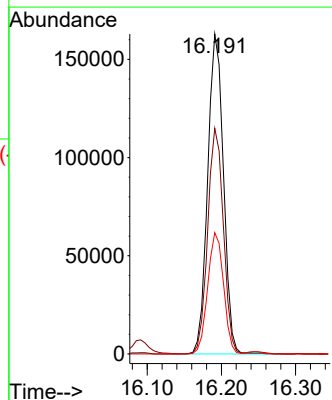
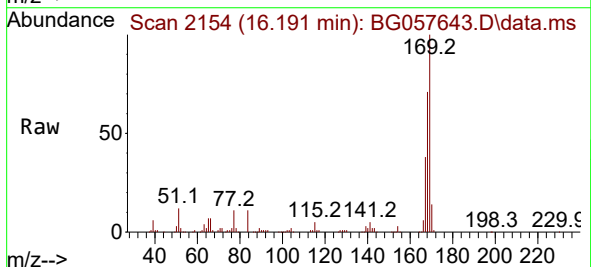
Instrument :
BNA_G
ClientSampleId :
PB153157BS

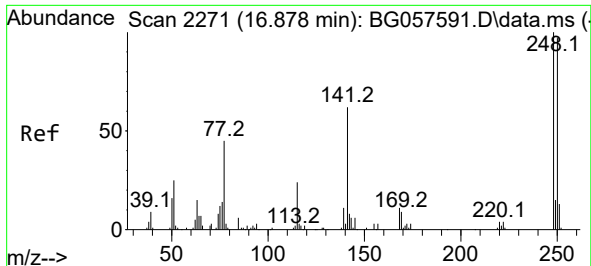
Tgt Ion:198 Resp: 55800
Ion Ratio Lower Upper
198 100
51 31.6 14.9 54.9
105 32.7 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 49.526 ng
RT: 16.191 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:169 Resp: 240881
Ion Ratio Lower Upper
169 100
168 70.5 56.7 85.1
167 37.9 30.7 46.1

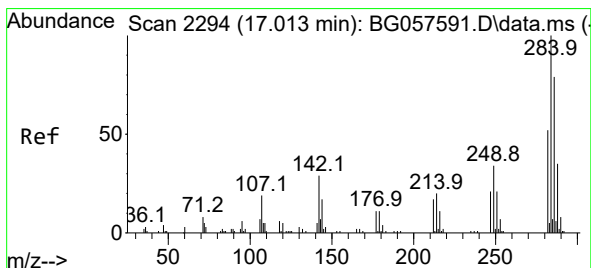
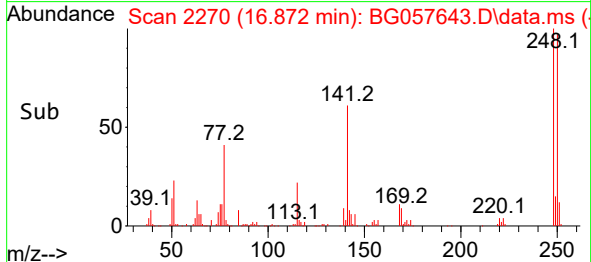
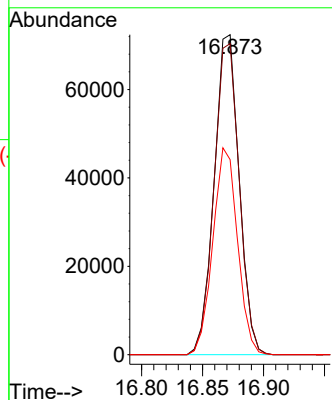
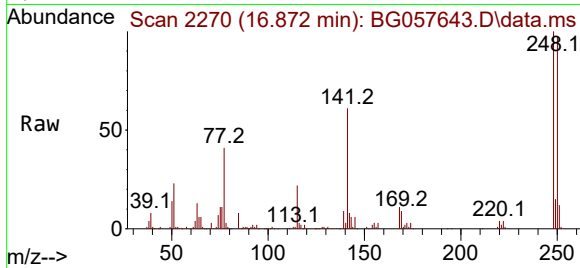




#67
4-Bromophenyl-phenylether
Concen: 49.181 ng
RT: 16.872 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

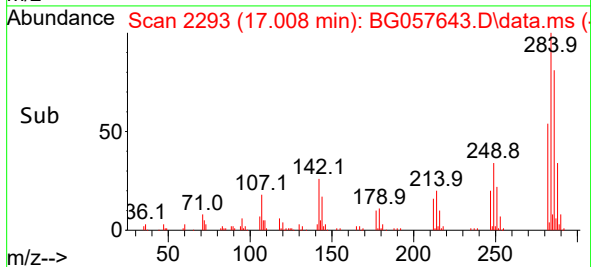
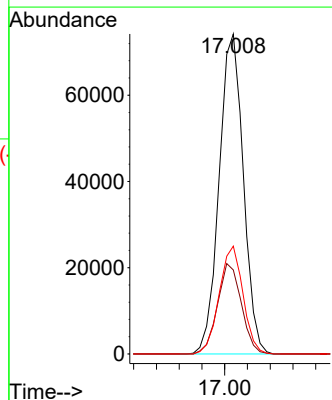
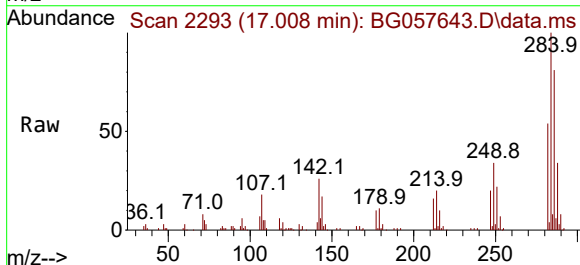
Instrument :
BNA_G
ClientSampleId :
PB153157BS

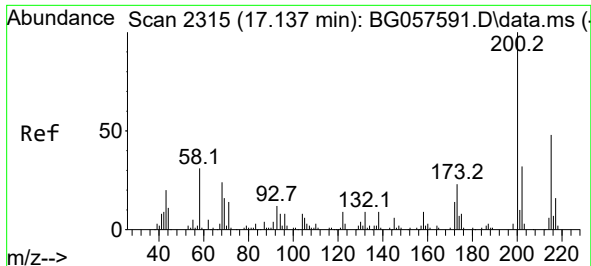
Tgt Ion:248 Resp: 103235
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 61.0 49.4 74.0



#68
Hexachlorobenzene
Concen: 50.615 ng
RT: 17.008 min Scan# 2293
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:284 Resp: 109517
Ion Ratio Lower Upper
284 100
142 26.3 22.9 34.3
249 33.7 27.0 40.4

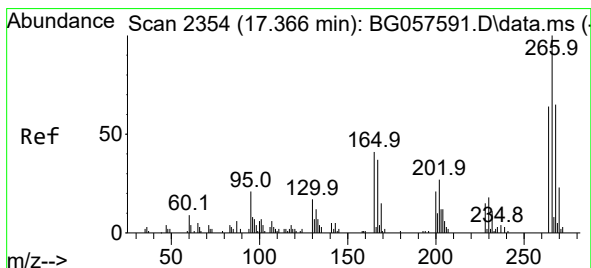
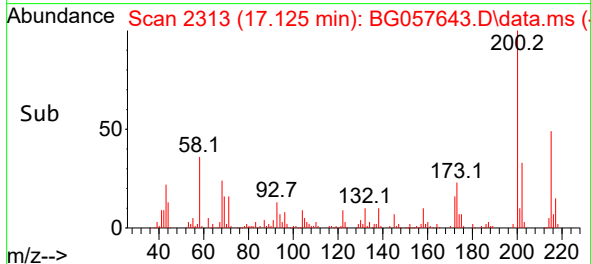
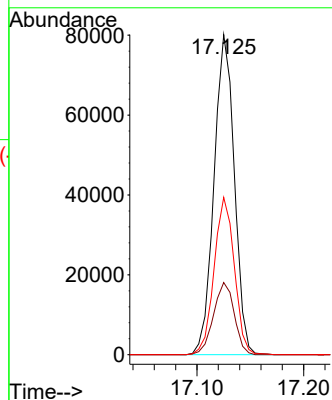
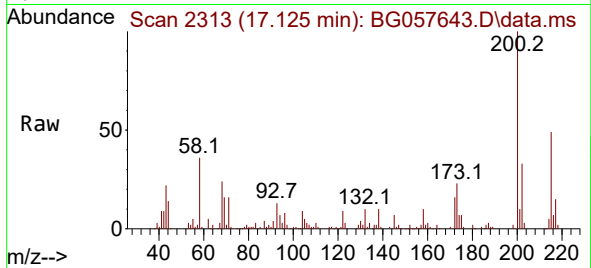




#69
 Atrazine
 Concen: 50.814 ng
 RT: 17.125 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057643.D
 Acq: 6 Jun 2023 18:53

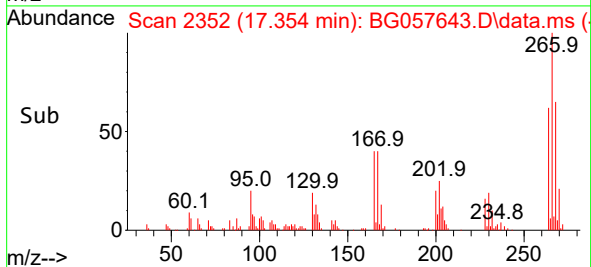
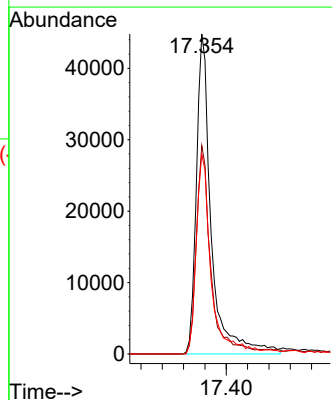
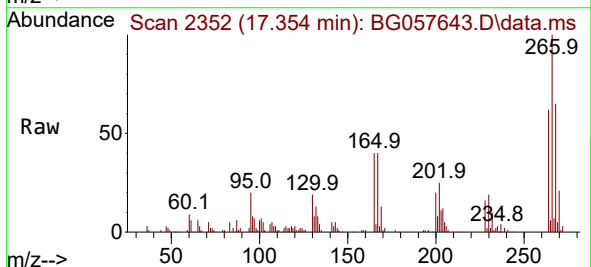
Instrument :
 BNA_G
 ClientSampleId :
 PB153157BS

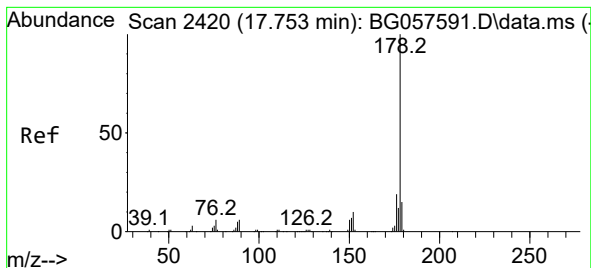
Tgt Ion:200 Resp: 106108
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.2 43.2
 215 49.1 28.4 68.4



#70
 Pentachlorophenol
 Concen: 78.841 ng
 RT: 17.354 min Scan# 2352
 Delta R.T. -0.003 min
 Lab File: BG057643.D
 Acq: 6 Jun 2023 18:53

Tgt Ion:266 Resp: 86922
 Ion Ratio Lower Upper
 266 100
 268 65.1 52.2 78.4
 264 62.3 51.2 76.8





#71

Phenanthrene

Concen: 47.527 ng

RT: 17.742 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

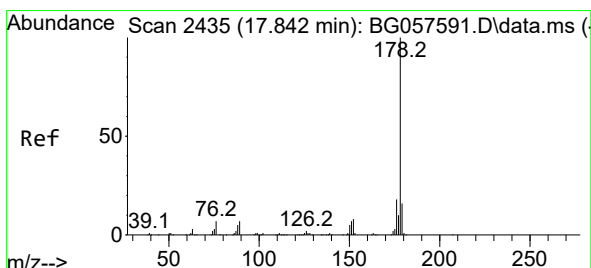
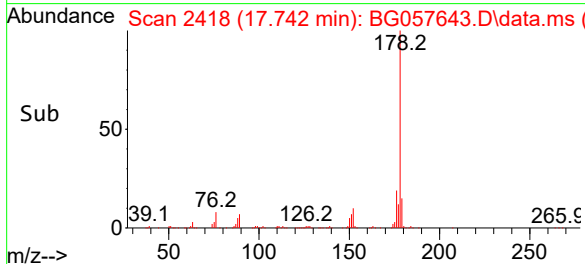
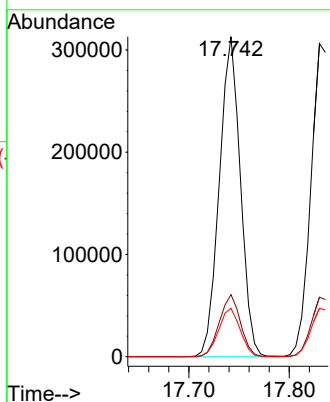
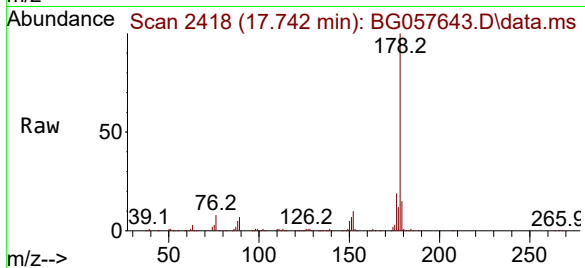
Tgt Ion:178 Resp: 455122

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.1 12.0 18.0



#72

Anthracene

Concen: 46.991 ng

RT: 17.830 min Scan# 2433

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

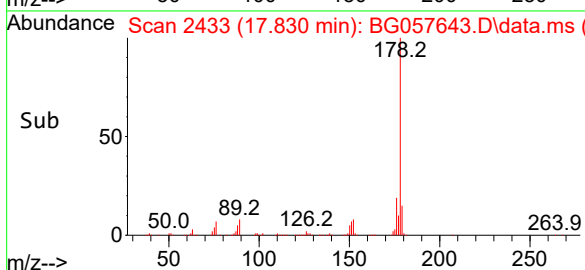
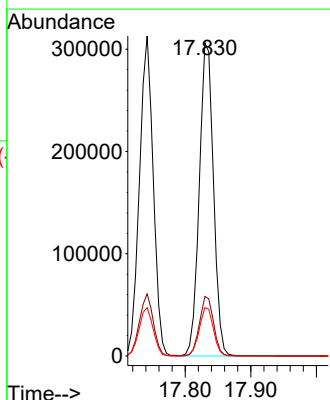
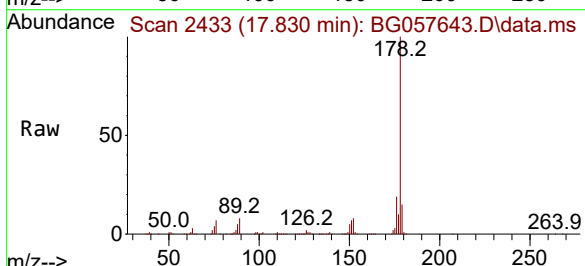
Tgt Ion:178 Resp: 461622

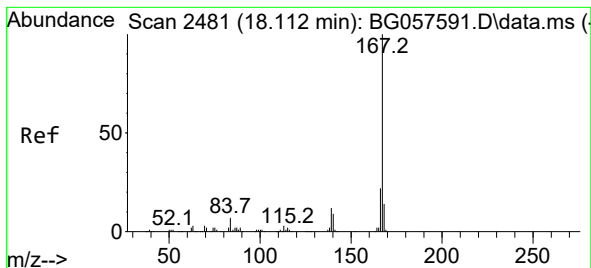
Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

179 15.4 12.6 18.8





#73

Carbazole

Concen: 46.972 ng

RT: 18.100 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

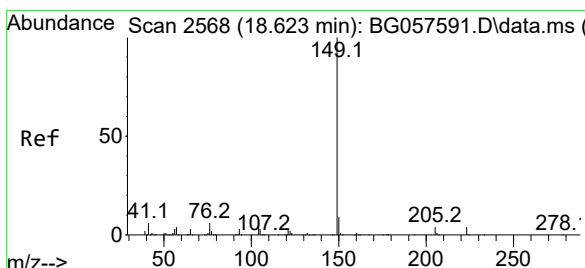
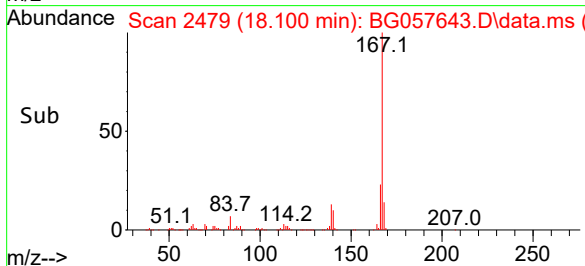
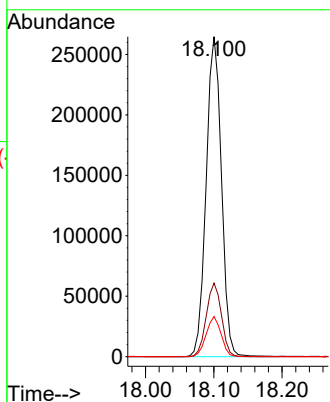
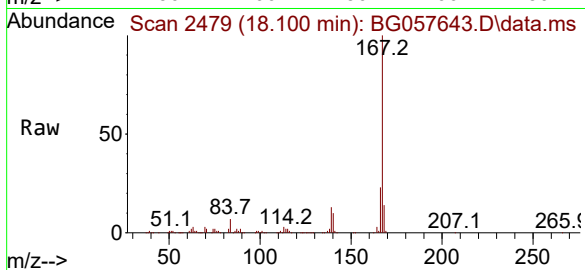
Tgt Ion:167 Resp: 412795

Ion Ratio Lower Upper

167 100

166 23.0 17.9 26.9

139 12.6 9.6 14.4



#74

Di-n-butylphthalate

Concen: 46.478 ng

RT: 18.611 min Scan# 2566

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

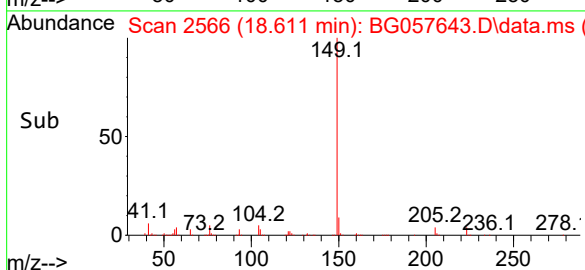
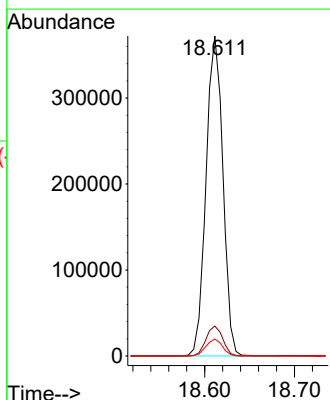
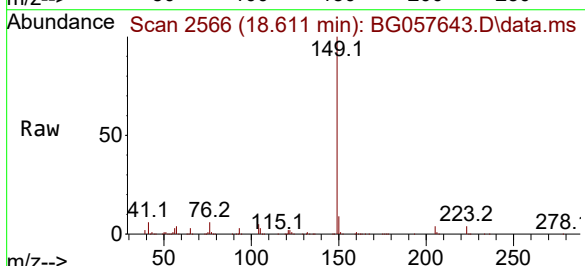
Tgt Ion:149 Resp: 484889

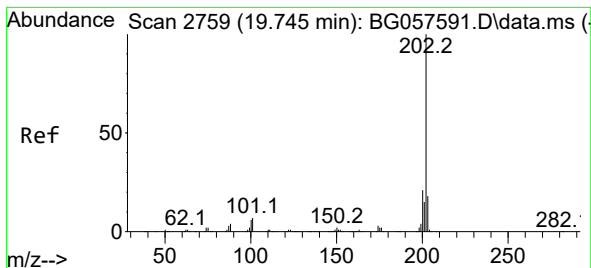
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.3 4.6 6.8





#75

Fluoranthene

Concen: 43.718 ng

RT: 19.733 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

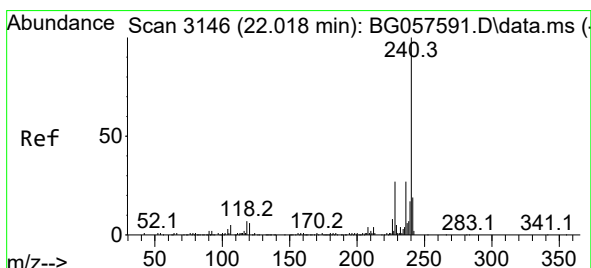
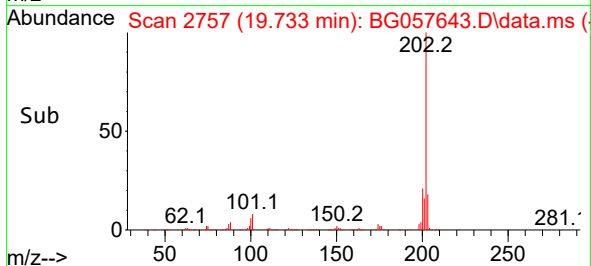
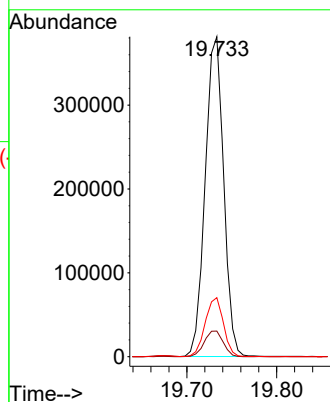
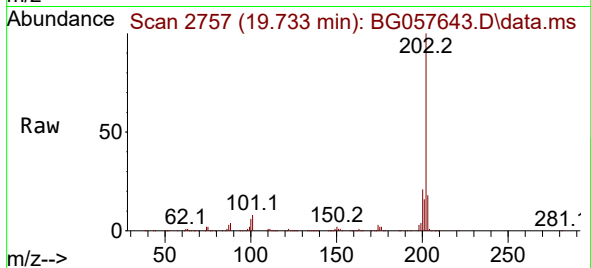
Tgt Ion:202 Resp: 543490

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.5

203 18.5 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.007 min Scan# 3144

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

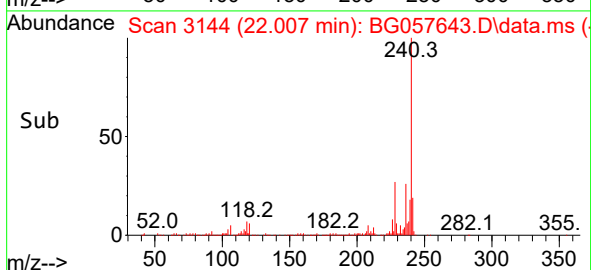
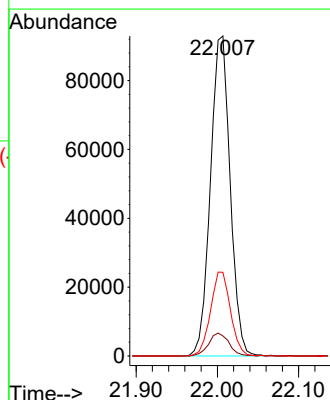
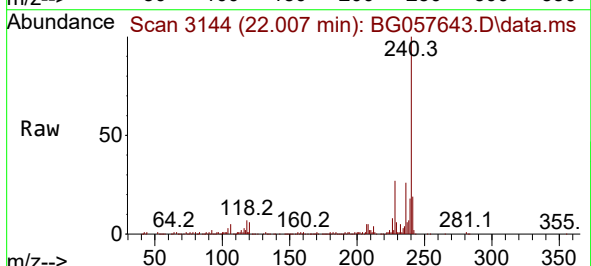
Tgt Ion:240 Resp: 156560

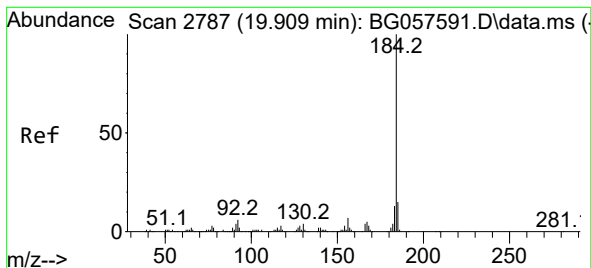
Ion Ratio Lower Upper

240 100

120 6.3 5.2 7.8

236 26.1 21.4 32.0





#77

Benzidine

Concen: 58.634 ng

RT: 19.898 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

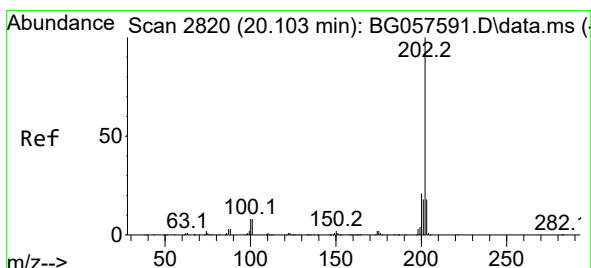
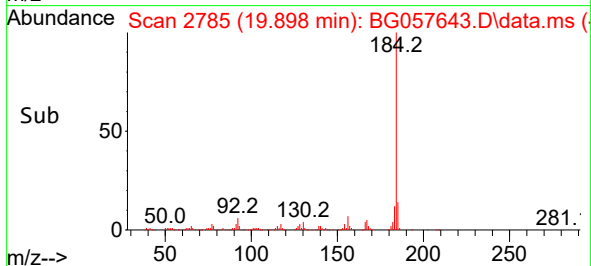
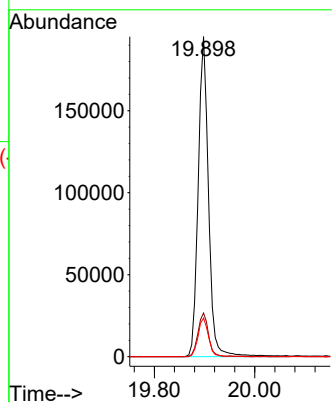
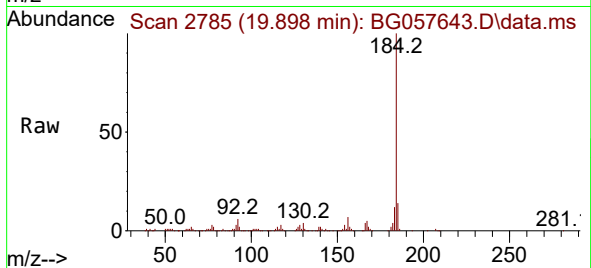
Tgt Ion:184 Resp: 277778

Ion Ratio Lower Upper

184 100

185 13.7 12.0 18.0

183 12.0 10.0 15.0



#78

Pyrene

Concen: 49.403 ng

RT: 20.092 min Scan# 2818

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

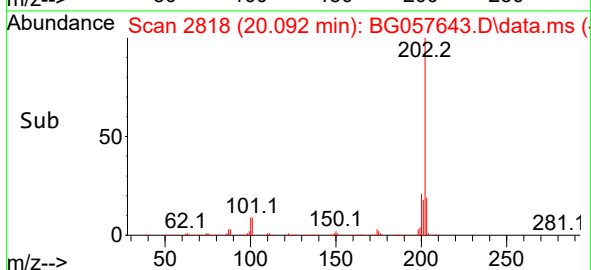
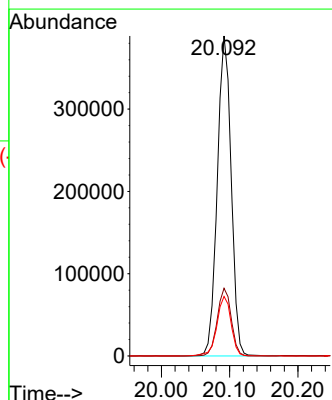
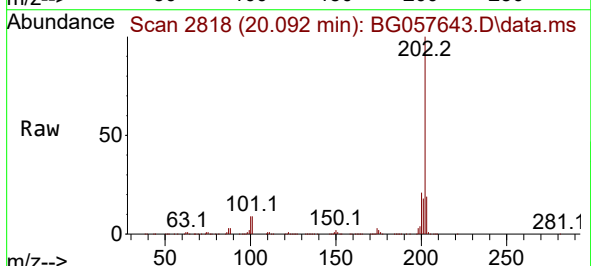
Tgt Ion:202 Resp: 550715

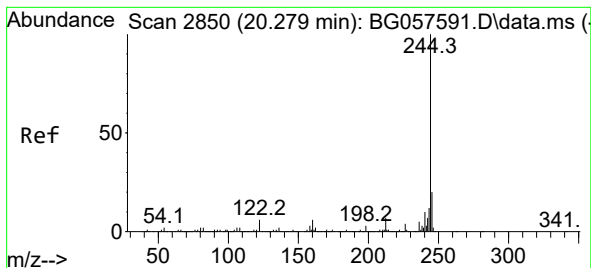
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 18.6 14.5 21.7





#79

Terphenyl-d14

Concen: 102.500 ng

RT: 20.268 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

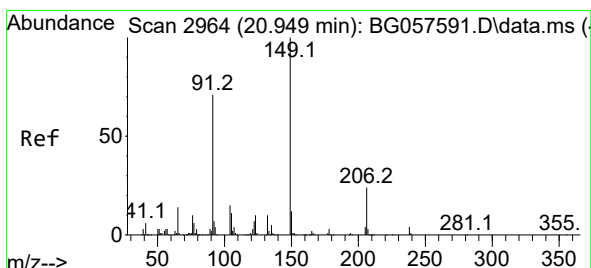
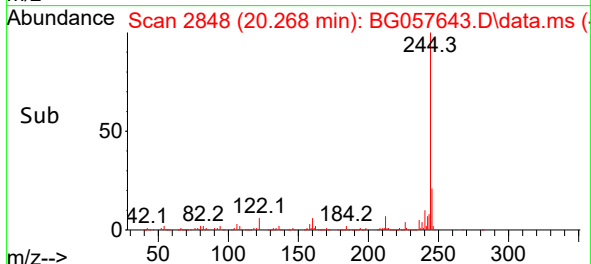
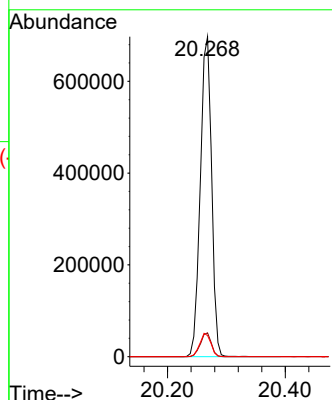
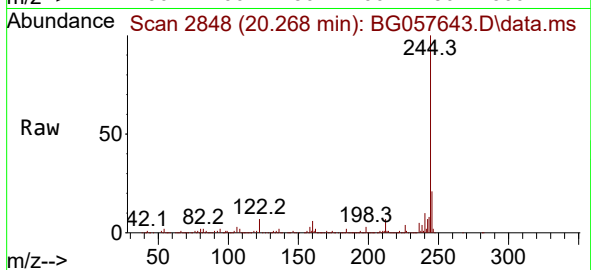
Tgt Ion:244 Resp: 926407

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 6.6 4.8 7.2



#80

Butylbenzylphthalate

Concen: 50.123 ng

RT: 20.938 min Scan# 2962

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

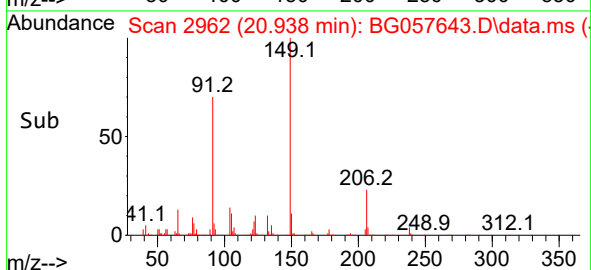
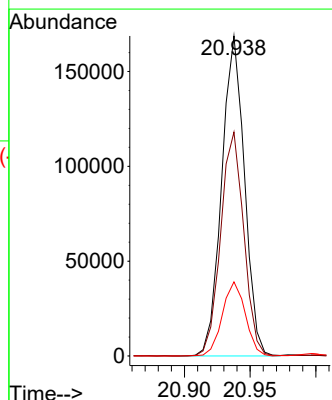
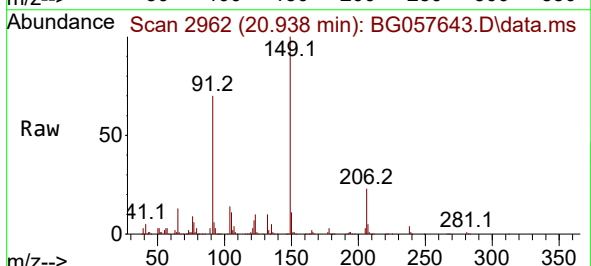
Tgt Ion:149 Resp: 203490

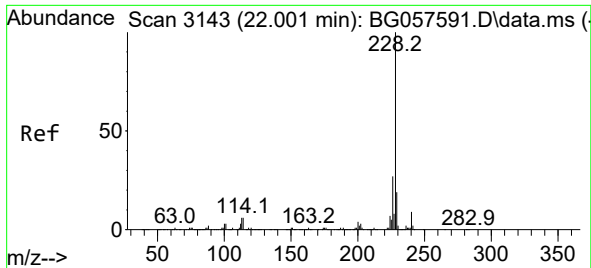
Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.6

206 23.2 19.4 29.2

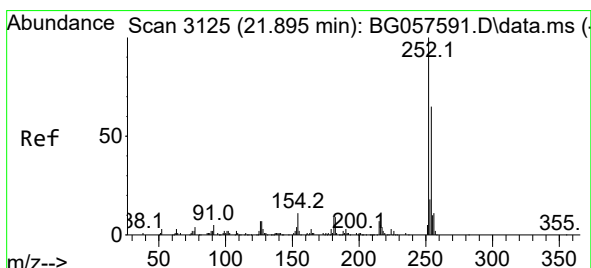
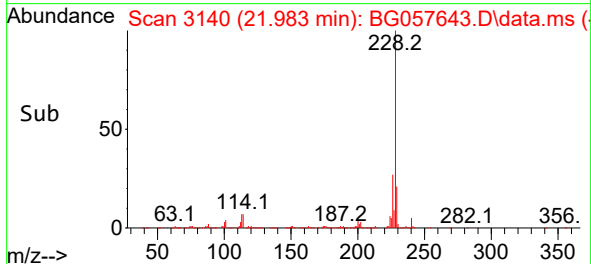
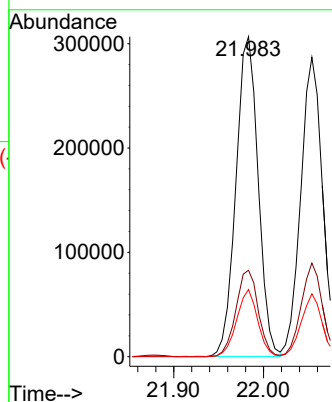
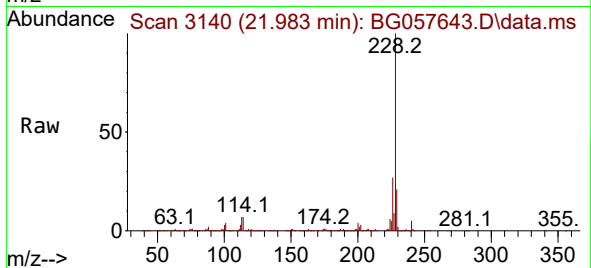




#81
Benzo(a)anthracene
Concen: 48.428 ng
RT: 21.983 min Scan# 3143
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

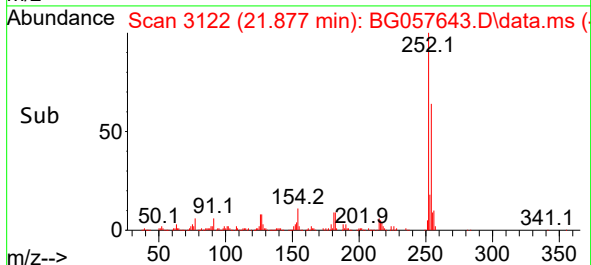
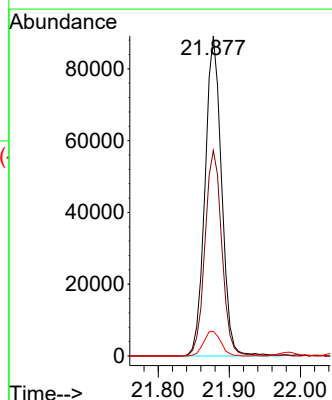
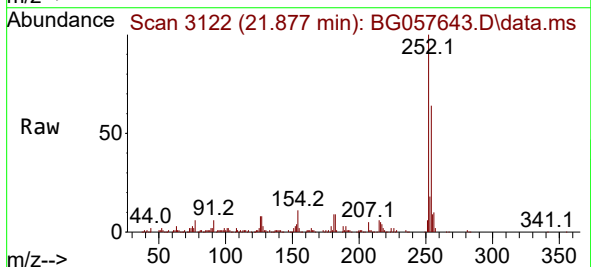
Instrument :
BNA_G
ClientSampleId :
PB153157BS

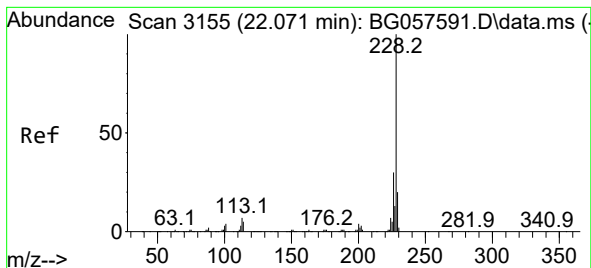
Tgt Ion:228 Resp: 526005
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 21.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 36.164 ng
RT: 21.877 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:252 Resp: 144851
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.8
126 7.7 5.4 8.2





#83

Chrysene

Concen: 47.118 ng

RT: 22.054 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

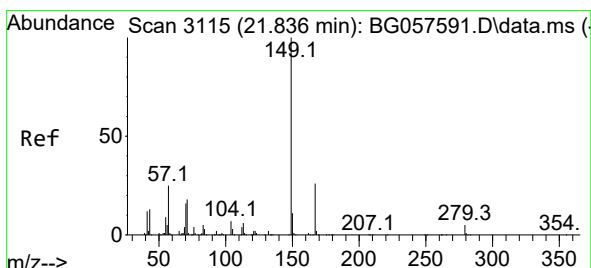
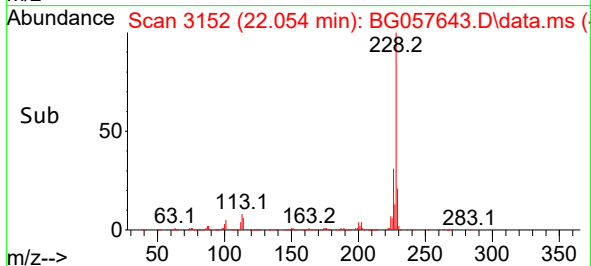
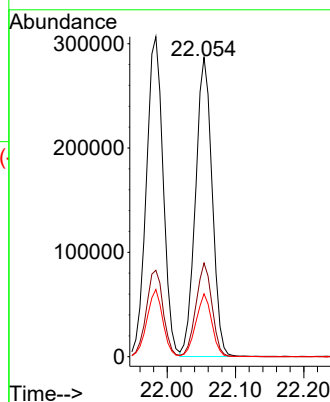
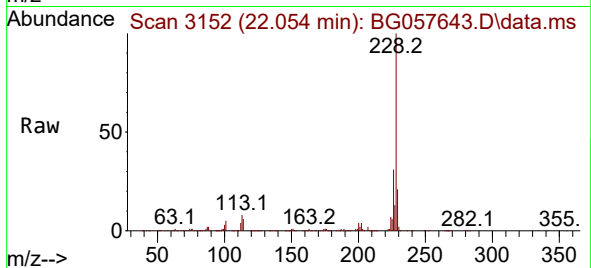
Tgt Ion:228 Resp: 483635

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 21.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.689 ng

RT: 21.819 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

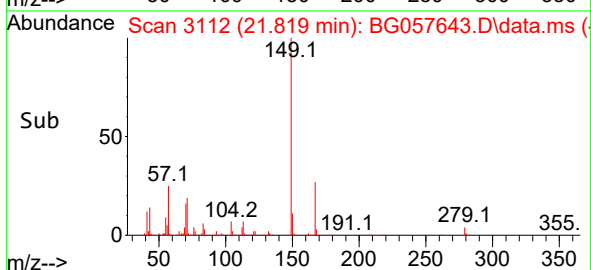
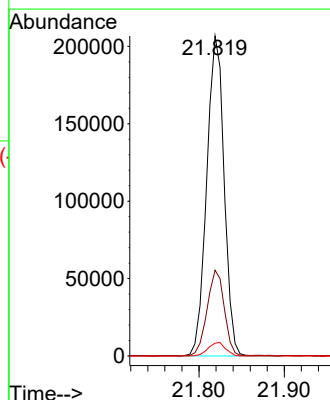
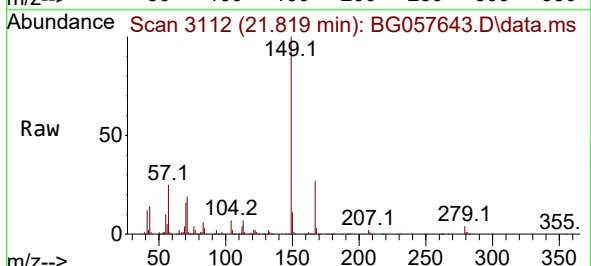
Tgt Ion:149 Resp: 293544

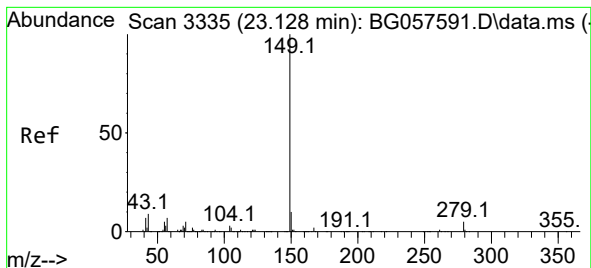
Ion Ratio Lower Upper

149 100

167 26.8 20.6 31.0

279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.586 ng

RT: 23.105 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

Instrument :

BNA_G

ClientSampleId :

PB153157BS

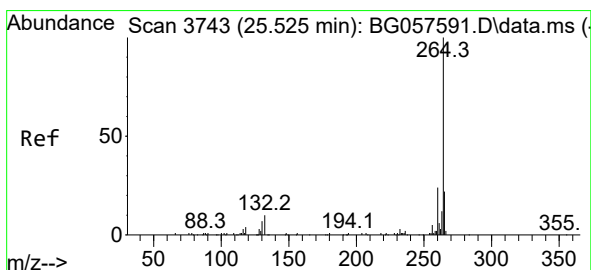
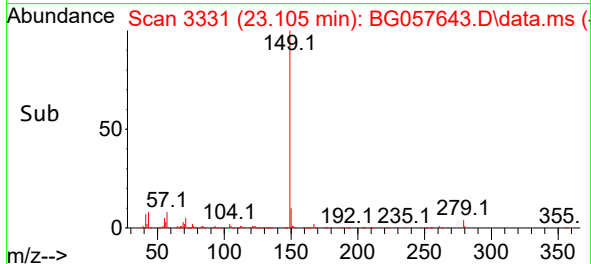
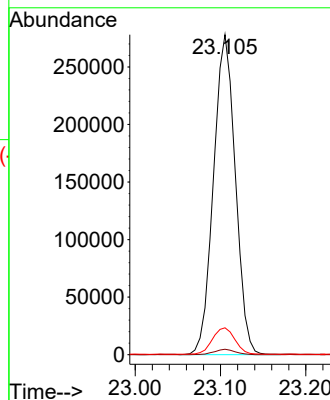
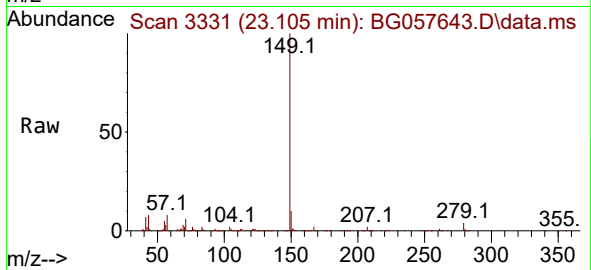
Tgt Ion:149 Resp: 495173

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.490 min Scan# 3737

Delta R.T. -0.008 min

Lab File: BG057643.D

Acq: 6 Jun 2023 18:53

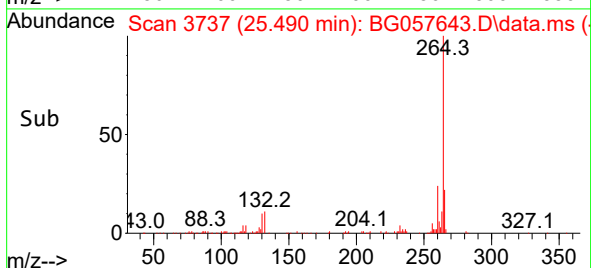
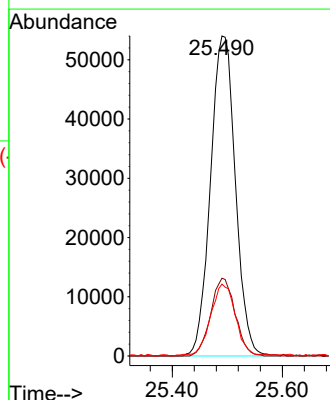
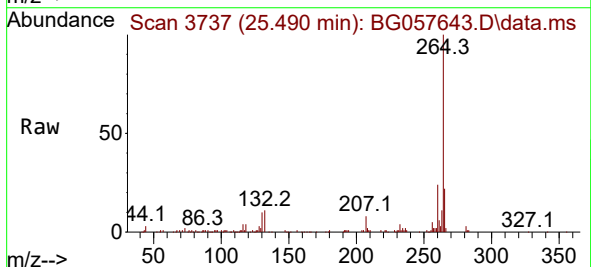
Tgt Ion:264 Resp: 169462

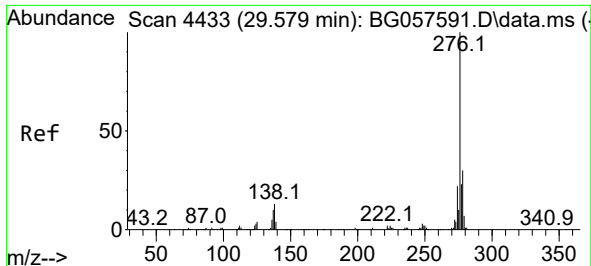
Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.5 17.7 26.5

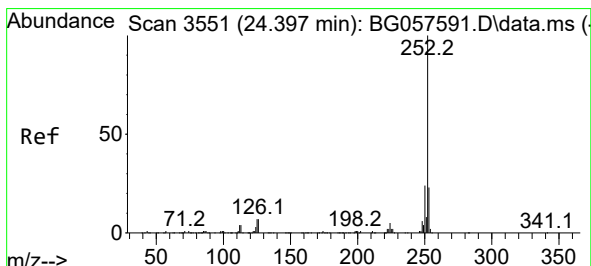
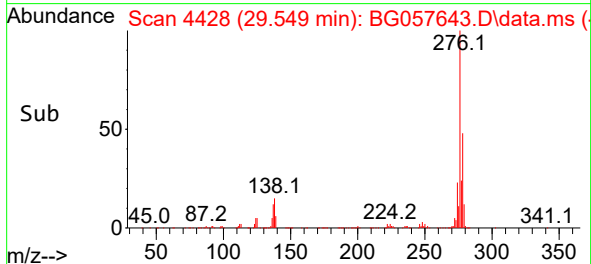
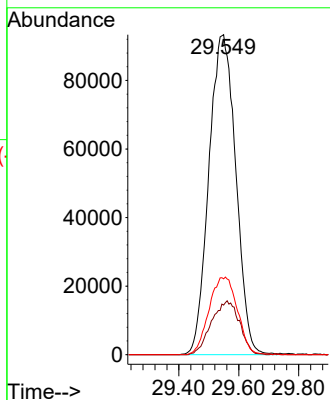
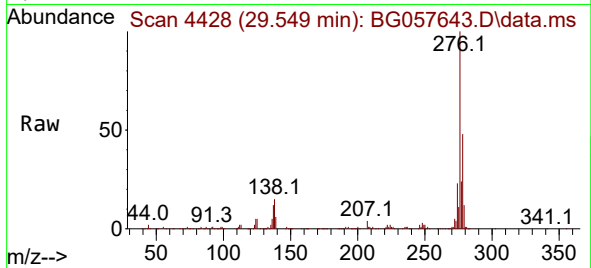




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.266 ng
 RT: 29.549 min Scan# 4433
 Delta R.T. -0.003 min
 Lab File: BG057643.D
 Acq: 6 Jun 2023 18:53

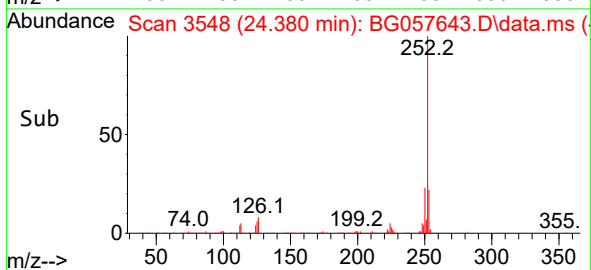
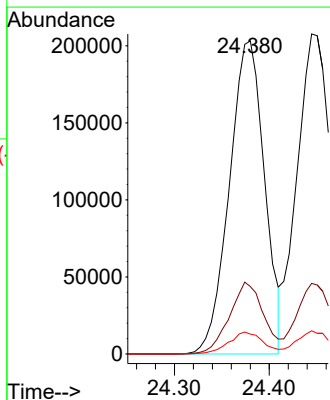
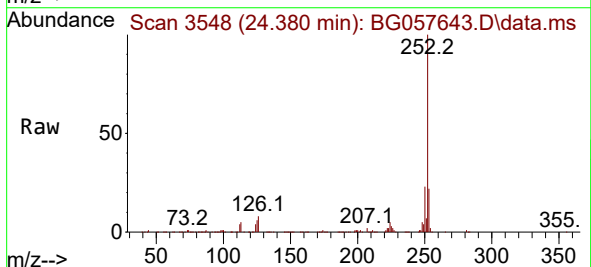
Instrument :
 BNA_G
 ClientSampleId :
 PB153157BS

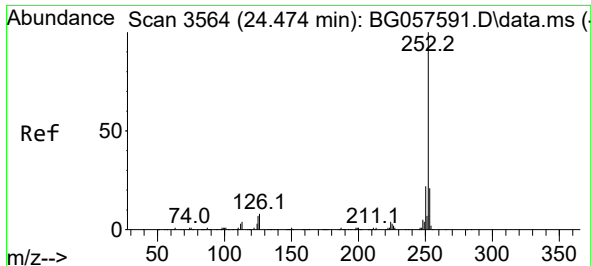
Tgt Ion:276 Resp: 582073
 Ion Ratio Lower Upper
 276 100
 138 17.5 12.3 18.5
 277 25.5 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 50.170 ng
 RT: 24.380 min Scan# 3548
 Delta R.T. 0.003 min
 Lab File: BG057643.D
 Acq: 6 Jun 2023 18:53

Tgt Ion:252 Resp: 523319
 Ion Ratio Lower Upper
 252 100
 253 21.5 18.4 27.6
 125 6.3 5.2 7.8

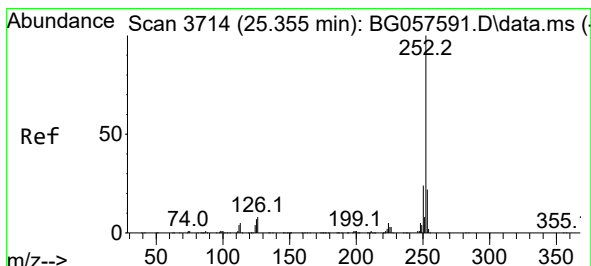
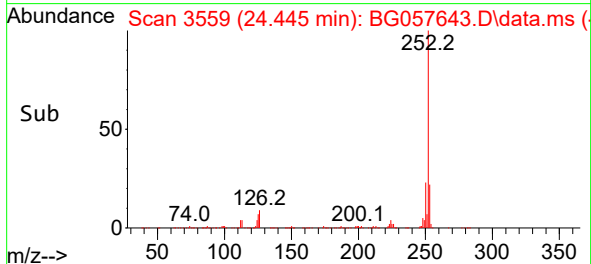
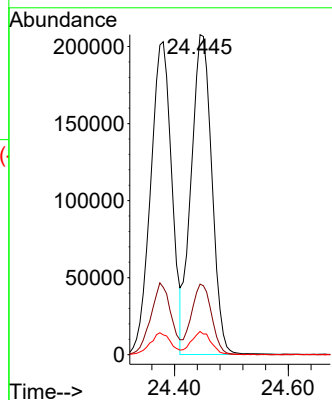
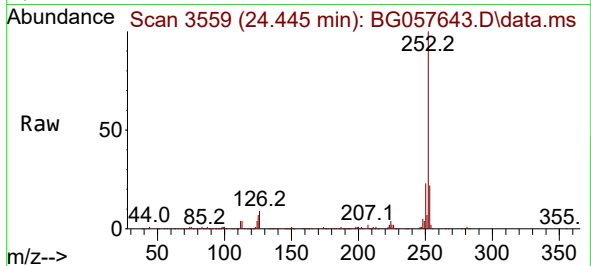




#89
Benzo(k)fluoranthene
Concen: 49.817 ng
RT: 24.445 min Scan# 311
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

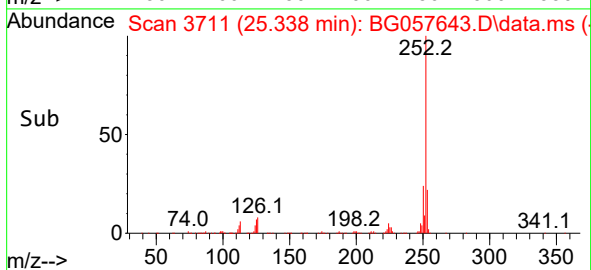
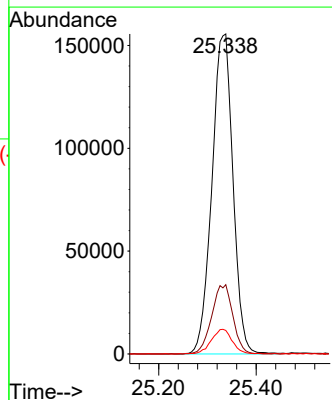
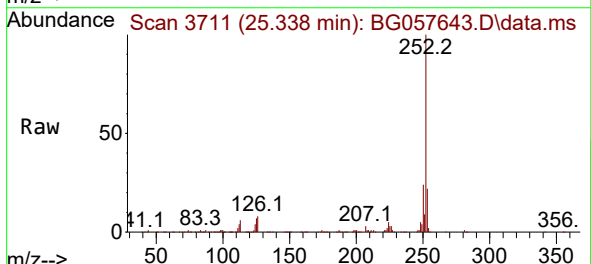
Instrument :
BNA_G
ClientSampleId :
PB153157BS

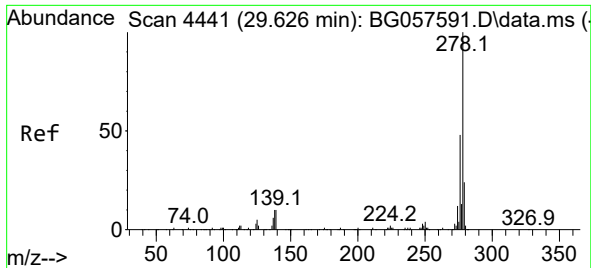
Tgt Ion:252 Resp: 524424
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 7.3 5.1 7.7



#90
Benzo(a)pyrene
Concen: 45.826 ng
RT: 25.338 min Scan# 3711
Delta R.T. 0.009 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:252 Resp: 466158
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.4 5.3 7.9

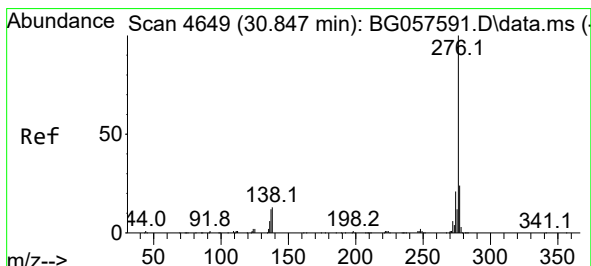
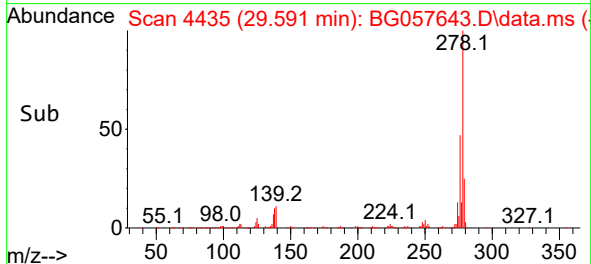
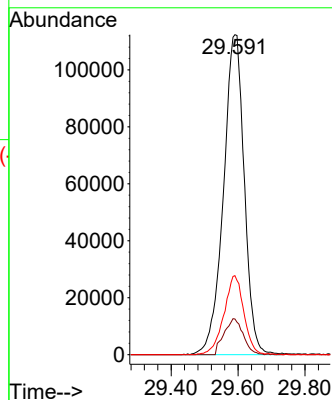
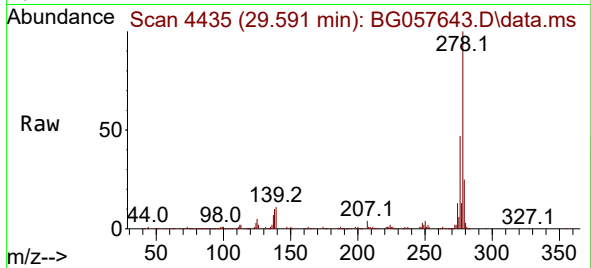




#91
Dibenzo(a,h)anthracene
Concen: 49.456 ng
RT: 29.591 min Scan# 4435
Delta R.T. -0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Instrument :
BNA_G
ClientSampleId :
PB153157BS

Tgt Ion:278 Resp: 486296
Ion Ratio Lower Upper
278 100
139 11.2 7.8 11.8
279 24.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.561 ng
RT: 30.812 min Scan# 4643
Delta R.T. 0.003 min
Lab File: BG057643.D
Acq: 6 Jun 2023 18:53

Tgt Ion:276 Resp: 475274
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 14.6 10.2 15.4

