

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057165.D
 Acq On : 25 Apr 2023 00:12
 Operator : CG/JU
 Sample : PB152297BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152297BS

Quant Time: Apr 25 05:20:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.387	152	18557	20.000	ng	0.00
21) Naphthalene-d8	11.225	136	80384	20.000	ng	0.00
39) Acenaphthene-d10	15.002	164	60652	20.000	ng	0.00
64) Phenanthrene-d10	17.740	188	149110	20.000	ng	0.00
76) Chrysene-d12	22.057	240	132799	20.000	ng	0.00
86) Perylene-d12	25.576	264	141916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.903	112	179257	175.052	ng	0.00
7) Phenol-d6	7.524	99	253079	170.813	ng	0.00
23) Nitrobenzene-d5	9.568	82	159789	98.271	ng	0.00
42) 2,4,6-Tribromophenol	16.482	330	108015	134.976	ng	0.00
45) 2-Fluorobiphenyl	13.627	172	387783	85.924	ng	0.00
79) Terphenyl-d14	20.313	244	745129	98.142	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.700	88	19691	42.912	ng	92
3) Pyridine	4.123	79	54555	39.184	ng	93
4) n-Nitrosodimethylamine	4.029	42	30940	61.606	ng	86
6) Aniline	7.700	93	78663	40.655	ng	95
8) 2-Chlorophenol	7.947	128	61081	56.939	ng	98
9) Benzaldehyde	7.506	77	44653	50.317	ng	89
10) Phenol	7.553	94	87653	59.581	ng	96
11) bis(2-Chloroethyl)ether	7.782	93	58776	50.912	ng	92
12) 1,3-Dichlorobenzene	8.276	146	61478	48.378	ng	96
13) 1,4-Dichlorobenzene	8.423	146	63962	49.943	ng	97
14) 1,2-Dichlorobenzene	8.746	146	62020	50.156	ng	97
15) Benzyl Alcohol	8.617	79	65284	59.798	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.910	45	80239	52.247	ng	95
17) 2-Methylphenol	8.822	107	58224	54.084	ng	96
18) Hexachloroethane	9.486	117	22666	52.169	ng	94
19) n-Nitroso-di-n-propyla...	9.192	70	55376	60.090	ng	91
20) 3+4-Methylphenols	9.145	107	79739	54.123	ng	96
22) Acetophenone	9.216	105	102055	46.801	ng	95
24) Nitrobenzene	9.609	77	82118	50.301	ng	97
25) Isophorone	10.126	82	152097	48.767	ng	99
26) 2-Nitrophenol	10.326	139	30448	49.922	ng	# 83
27) 2,4-Dimethylphenol	10.367	122	61895	52.801	ng	97
28) bis(2-Chloroethoxy)met...	10.602	93	80916	49.492	ng	100
29) 2,4-Dichlorophenol	10.861	162	64158	49.131	ng	95
30) 1,2,4-Trichlorobenzene	11.084	180	68839	43.109	ng	93
31) Naphthalene	11.278	128	189494	44.383	ng	99
32) Benzoic acid	10.514	122	26972	48.913	ng	96
33) 4-Chloroaniline	11.378	127	46307	24.668	ng	98
34) Hexachlorobutadiene	11.548	225	48514	41.202	ng	98
35) Caprolactam	12.135	113	11088	30.664	ng	# 84
36) 4-Chloro-3-methylphenol	12.470	107	72281	51.453	ng	95
37) 2-Methylnaphthalene	12.852	142	141311	42.059	ng	97
38) 1-Methylnaphthalene	13.069	142	133862	43.154	ng	98
40) 1,2,4,5-Tetrachloroben...	13.216	216	94238	42.463	ng	# 99
41) Hexachlorocyclopentadiene	13.187	237	100298	104.153	ng	96
43) 2,4,6-Trichlorophenol	13.445	196	58573	48.750	ng	95

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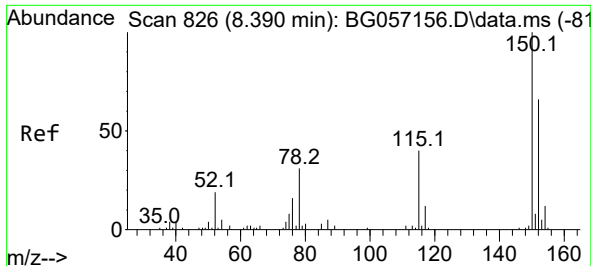
Quant Time: Apr 25 05:20:38 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	64067	44.168	ng	97
46) 1,1'-Biphenyl	13.839	154	203724	45.063	ng	97
47) 2-Chloronaphthalene	13.892	162	153274	44.920	ng	98
48) 2-Nitroaniline	14.086	65	45191	52.520	ng	91
49) Acenaphthylene	14.726	152	242360	44.744	ng	99
50) Dimethylphthalate	14.438	163	204532	48.050	ng	99
51) 2,6-Dinitrotoluene	14.567	165	44466	50.045	ng	97
52) Acenaphthene	15.067	154	151987	42.947	ng	97
53) 3-Nitroaniline	14.896	138	27053	30.662	ng	97
54) 2,4-Dinitrophenol	15.108	184	47424	93.020	ng	89
55) Dibenzofuran	15.396	168	247891	43.231	ng	98
56) 4-Nitrophenol	15.196	139	68465	110.244	ng	88
57) 2,4-Dinitrotoluene	15.349	165	63079	52.130	ng	94
58) Fluorene	16.042	166	205991	44.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.619	232	59975	48.270	ng	99
60) Diethylphthalate	15.783	149	203534	49.604	ng	99
61) 4-Chlorophenyl-phenyle...	16.018	204	120340	43.430	ng	98
62) 4-Nitroaniline	16.059	138	42654	48.010	ng	90
63) Azobenzene	16.312	77	219222	50.224	ng	95
65) 4,6-Dinitro-2-methylph...	16.112	198	38295	49.332	ng	93
66) n-Nitrosodiphenylamine	16.236	169	178928	45.989	ng	98
67) 4-Bromophenyl-phenylether	16.917	248	77780	43.376	ng	98
68) Hexachlorobenzene	17.046	284	81676	44.407	ng	98
69) Atrazine	17.170	200	74666	60.084	ng	98
70) Pentachlorophenol	17.387	266	82476	95.419	ng	99
71) Phenanthrene	17.787	178	348254	45.749	ng	100
72) Anthracene	17.875	178	352790	45.835	ng	99
73) Carbazole	18.139	167	311790	47.990	ng	100
74) Di-n-butylphthalate	18.656	149	311093	51.476	ng	99
75) Fluoranthene	19.772	202	434233	45.916	ng	99
77) Benzidine	19.937	184	144128	72.024	ng	99
78) Pyrene	20.130	202	434179	48.155	ng	98
80) Butylbenzylphthalate	20.988	149	119689	50.765	ng	94
81) Benzo(a)anthracene	22.034	228	434079	47.541	ng	99
82) 3,3'-Dichlorobenzidine	21.928	252	91240	38.180	ng	100
83) Chrysene	22.104	228	397724	45.169	ng	99
84) Bis(2-ethylhexyl)phtha...	21.881	149	178782	48.047	ng	98
85) Di-n-octyl phthalate	23.185	149	307510	51.630	ng	98
87) Indeno(1,2,3-cd)pyrene	29.653	276	484073	47.618	ng	98
88) Benzo(b)fluoranthene	24.448	252	437565	49.187	ng	98
89) Benzo(k)fluoranthene	24.524	252	443161	48.160	ng	98
90) Benzo(a)pyrene	25.411	252	387425	44.216	ng	98
91) Dibenzo(a,h)anthracene	29.712	278	401807	47.603	ng	95
92) Benzo(g,h,i)perylene	30.928	276	389876	46.684	ng	96

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

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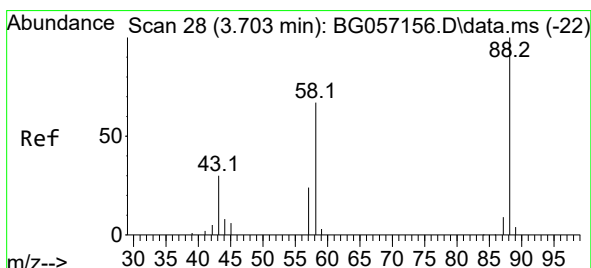
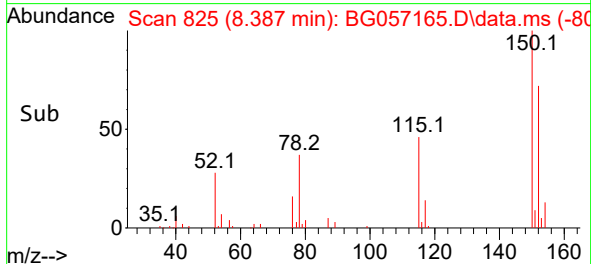
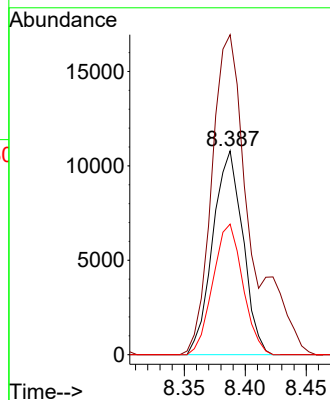
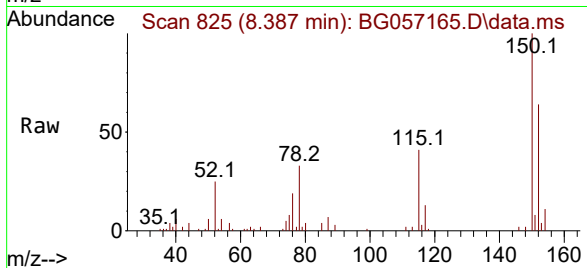




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.387 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

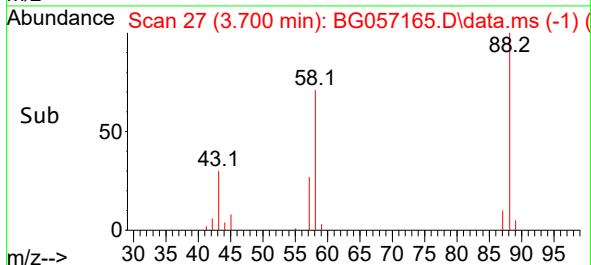
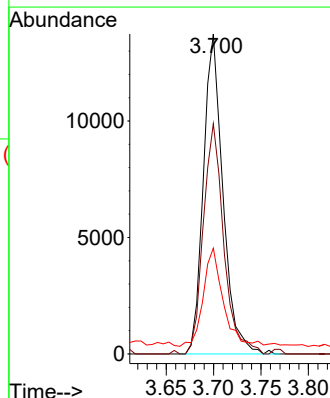
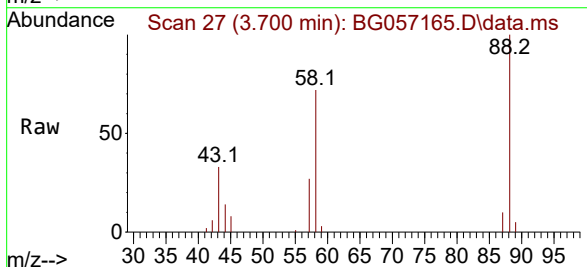
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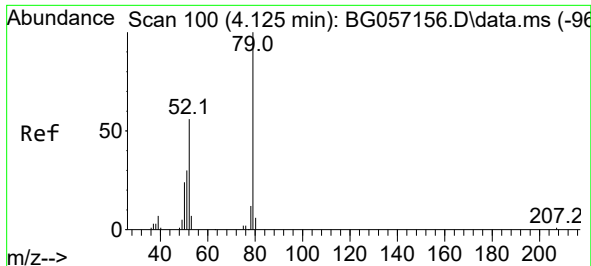
Tgt Ion:152 Resp: 18557
Ion Ratio Lower Upper
152 100
150 156.9 121.4 182.2
115 64.0 48.1 72.1



#2
1,4-Dioxane
Concen: 42.912 ng
RT: 3.700 min Scan# 27
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion: 88 Resp: 19691
Ion Ratio Lower Upper
88 100
58 75.3 54.2 81.4
43 31.2 23.0 34.6

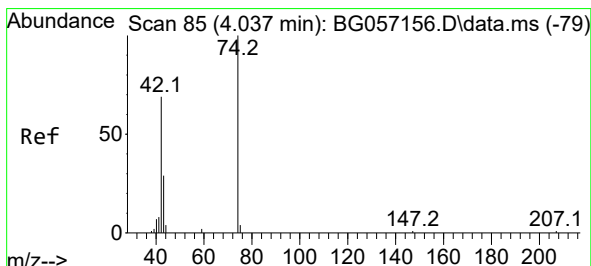
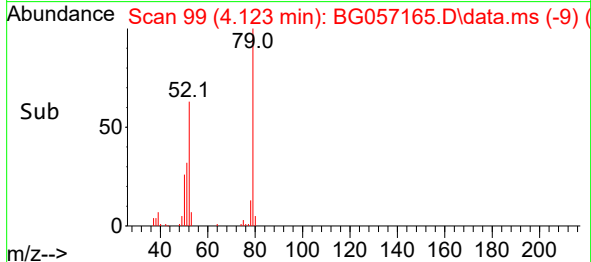
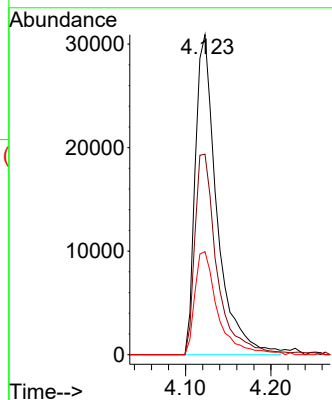
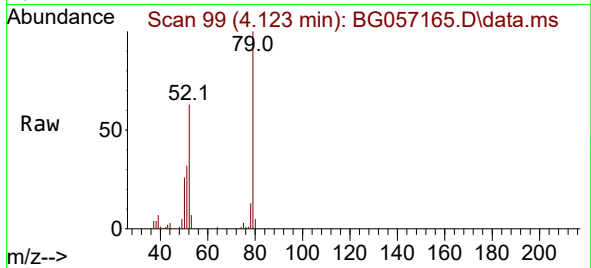




#3
 Pyridine
 Concen: 39.184 ng
 RT: 4.123 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: BG057165.D
 Acq: 25 Apr 2023 00:12

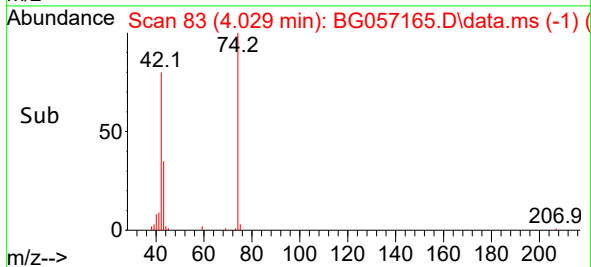
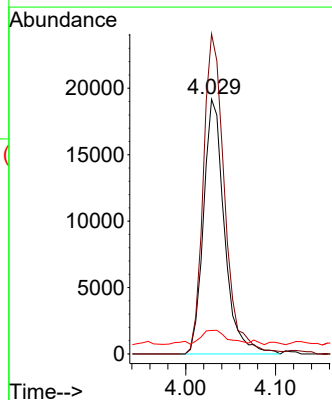
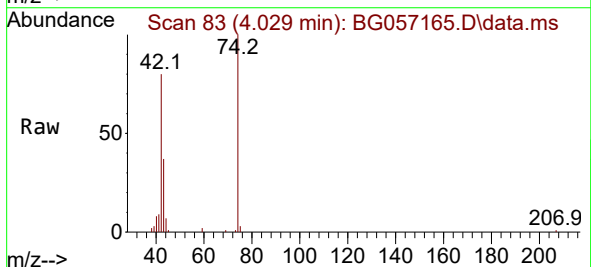
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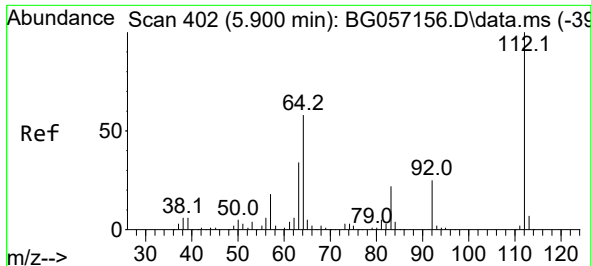
Tgt Ion: 79 Resp: 54555
 Ion Ratio Lower Upper
 79 100
 52 62.7 44.5 66.7
 51 32.2 24.3 36.5



#4
 n-Nitrosodimethylamine
 Concen: 61.606 ng
 RT: 4.029 min Scan# 83
 Delta R.T. -0.008 min
 Lab File: BG057165.D
 Acq: 25 Apr 2023 00:12

Tgt Ion: 42 Resp: 30940
 Ion Ratio Lower Upper
 42 100
 74 125.6 115.6 173.4
 44 9.2 7.1 10.7

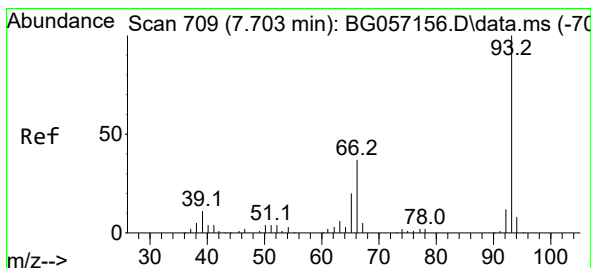
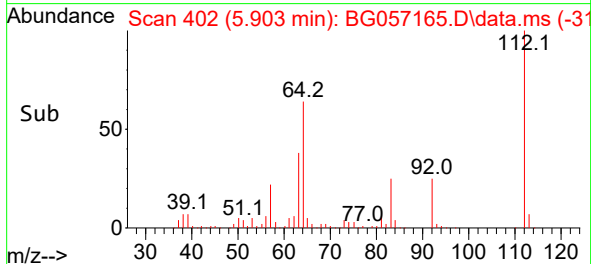
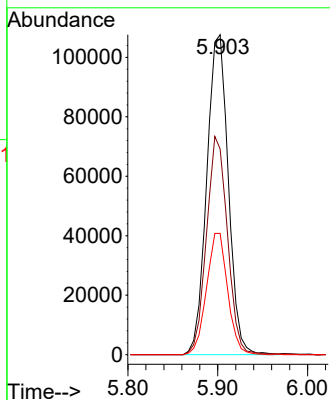
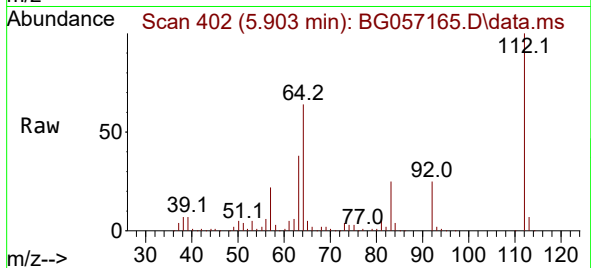




#5
2-Fluorophenol
Concen: 175.052 ng
RT: 5.903 min Scan# 40
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

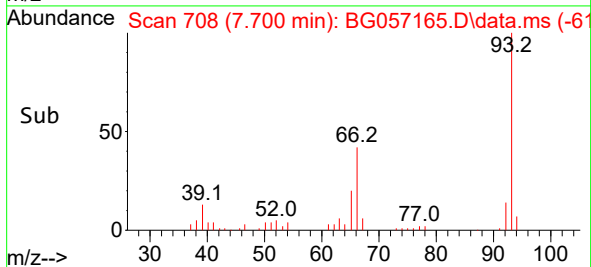
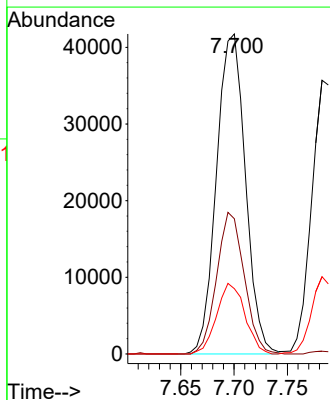
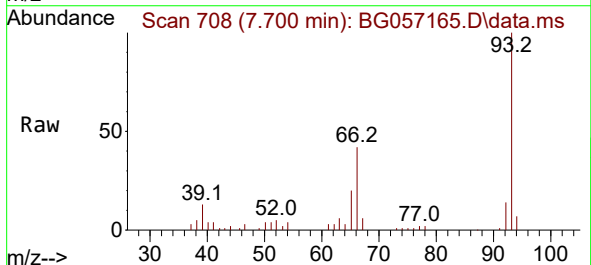
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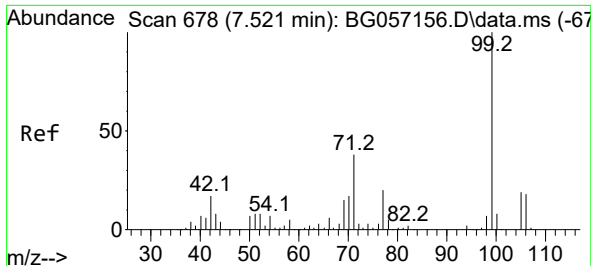
Tgt Ion:112 Resp: 179257
Ion Ratio Lower Upper
112 100
64 64.3 46.7 70.1
63 37.9 26.9 40.3



#6
Aniline
Concen: 40.655 ng
RT: 7.700 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion: 93 Resp: 78663
Ion Ratio Lower Upper
93 100
66 42.2 29.8 44.8
65 20.4 16.4 24.6

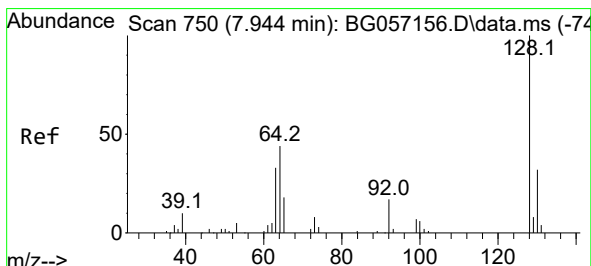
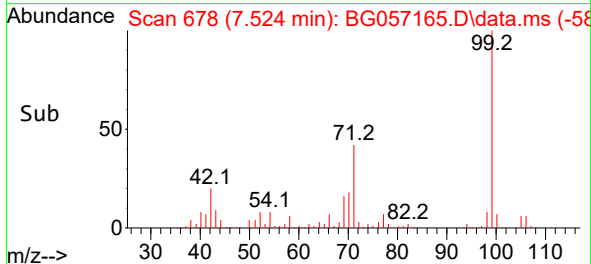
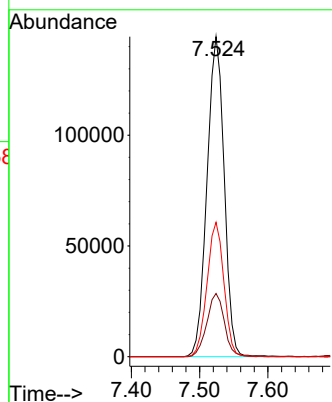
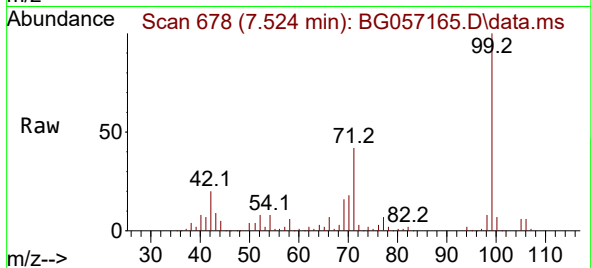




#7
Phenol-d6
Concen: 170.813 ng
RT: 7.524 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

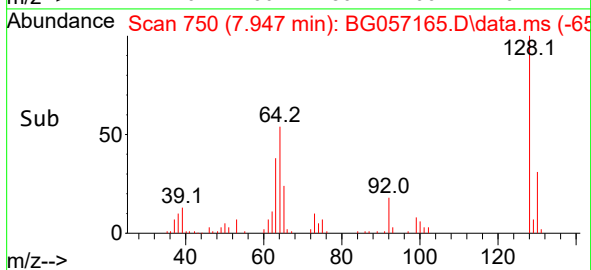
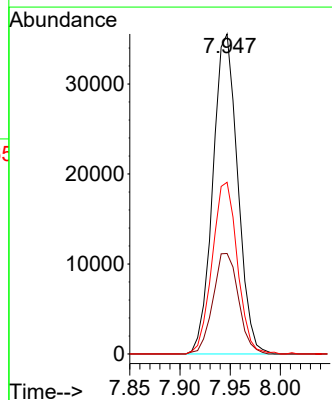
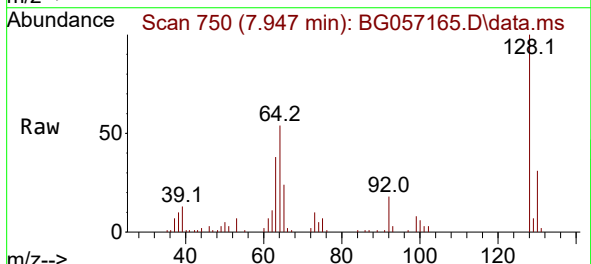
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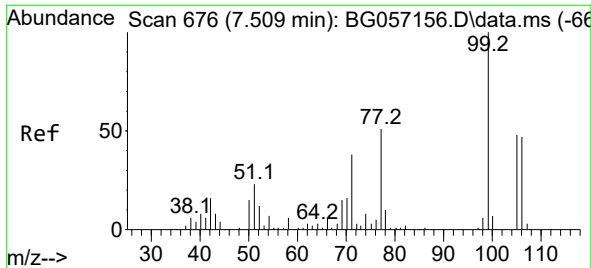
Tgt Ion: 99 Resp: 253079
Ion Ratio Lower Upper
99 100
42 19.7 13.4 20.0
71 42.0 30.2 45.2



#8
2-Chlorophenol
Concen: 56.939 ng
RT: 7.947 min Scan# 750
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:128 Resp: 61081
Ion Ratio Lower Upper
128 100
130 31.4 11.6 51.6
64 53.6 31.4 71.4

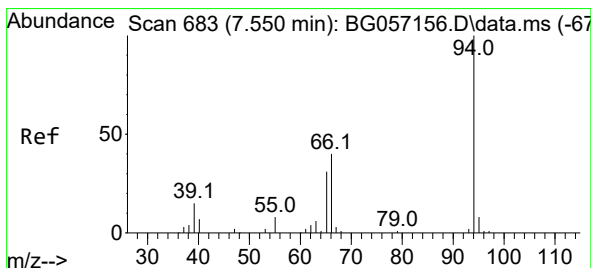
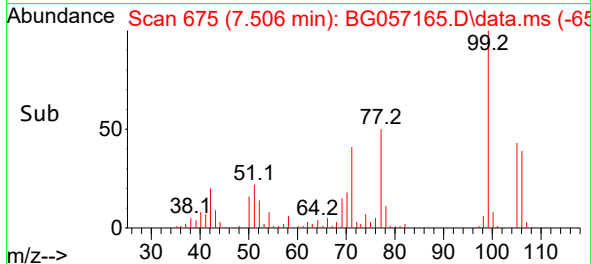
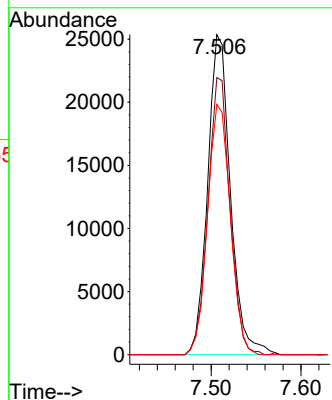
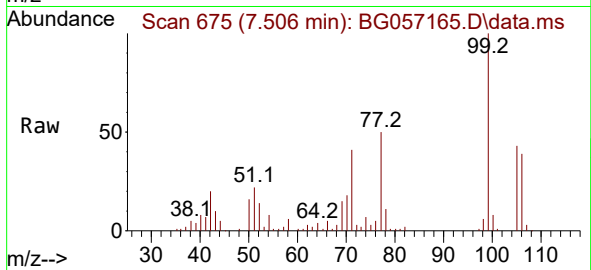




#9
Benzaldehyde
Concen: 50.317 ng
RT: 7.506 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

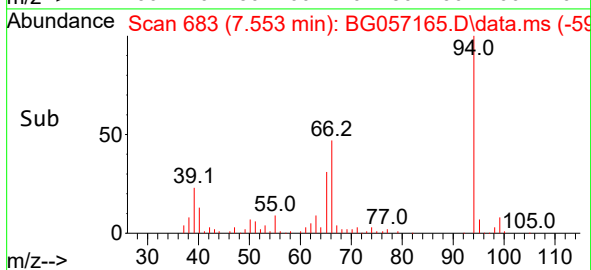
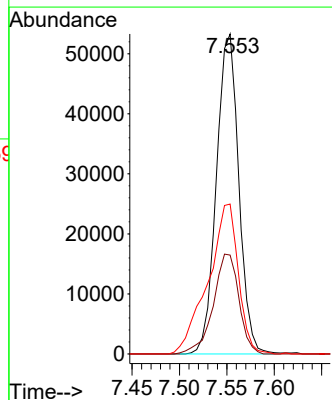
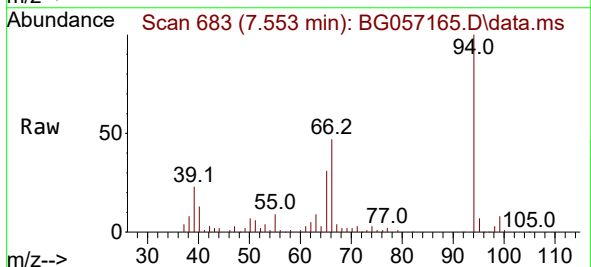
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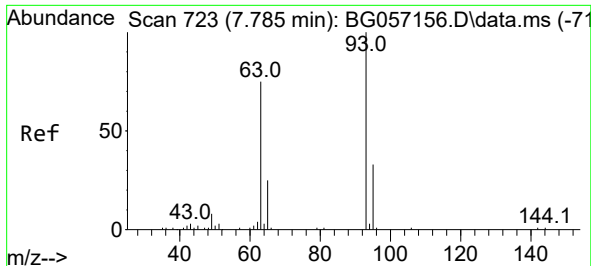
Tgt Ion: 77 Resp: 44653
Ion Ratio Lower Upper
77 100
105 86.6 73.5 113.5
106 78.2 72.7 112.7



#10
Phenol
Concen: 59.581 ng
RT: 7.553 min Scan# 683
Delta R.T. 0.003 min
Lab File: BG057165.D
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Tgt Ion: 94 Resp: 87653
Ion Ratio Lower Upper
94 100
65 30.9 11.6 51.6
66 46.8 22.7 62.7

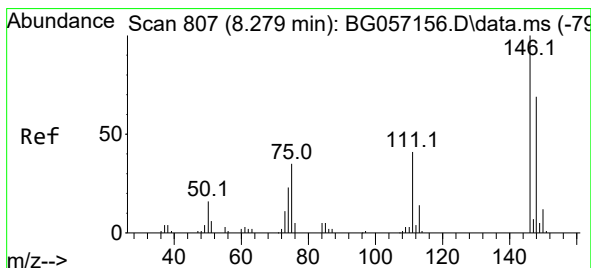
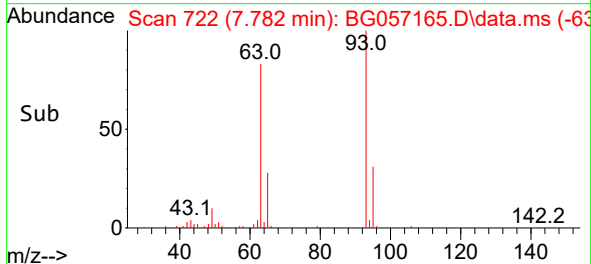
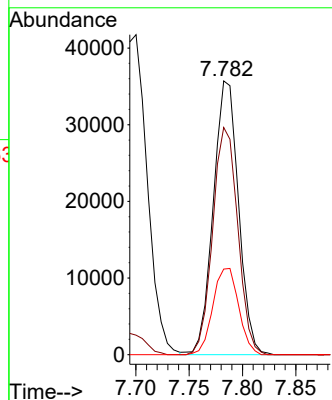
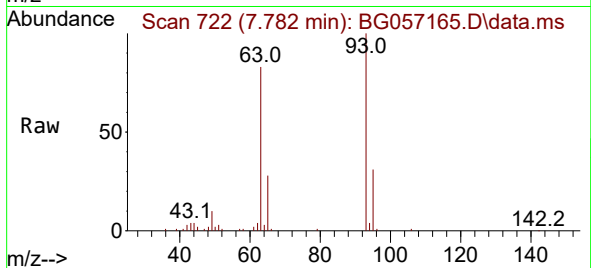




#11
bis(2-Chloroethyl)ether
Concen: 50.912 ng
RT: 7.782 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

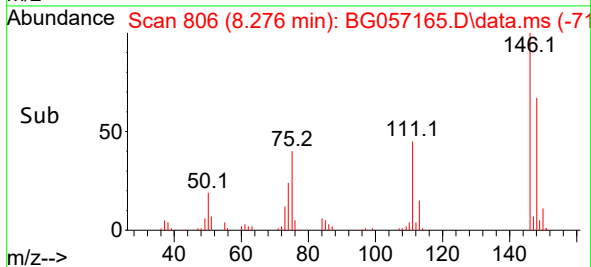
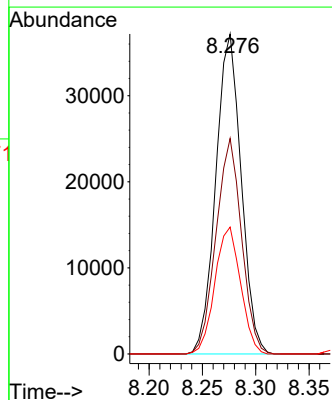
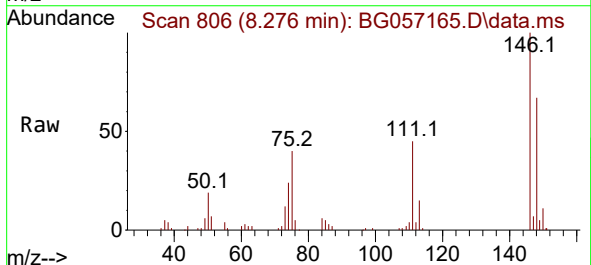
Instrument :
BNA_G
ClientSampleId :
PB152297BS

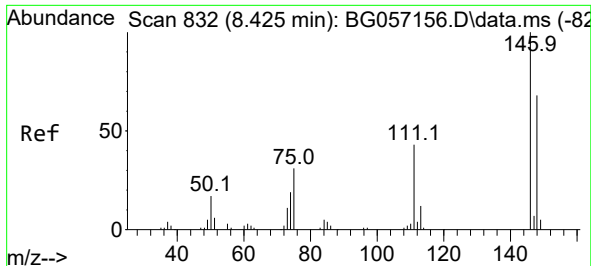
Tgt Ion: 93 Resp: 58776
Ion Ratio Lower Upper
93 100
63 83.0 53.9 93.9
95 31.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 48.378 ng
RT: 8.276 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:146 Resp: 61478
Ion Ratio Lower Upper
146 100
148 67.3 55.4 83.2
75 39.6 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 49.943 ng

RT: 8.423 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

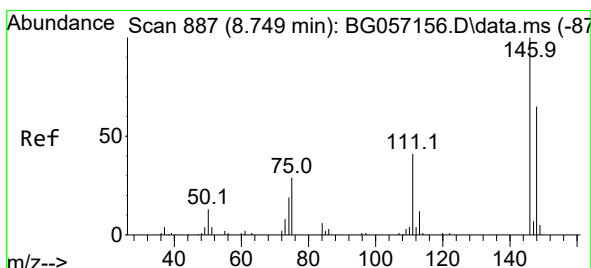
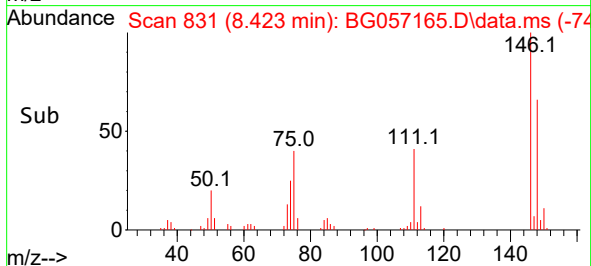
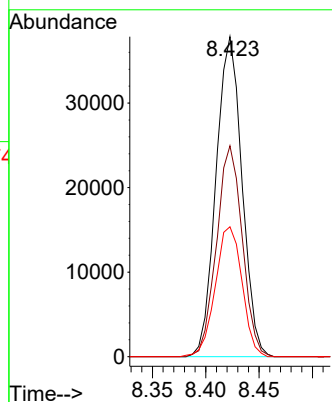
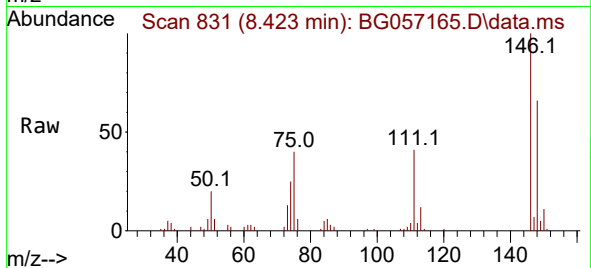
Tgt Ion:146 Resp: 63962

Ion Ratio Lower Upper

146 100

148 65.9 54.3 81.5

111 40.6 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 50.156 ng

RT: 8.746 min Scan# 886

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

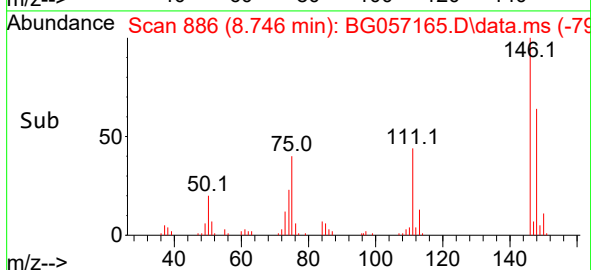
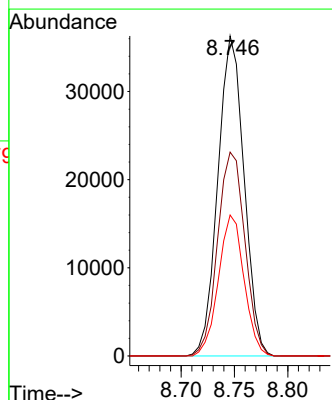
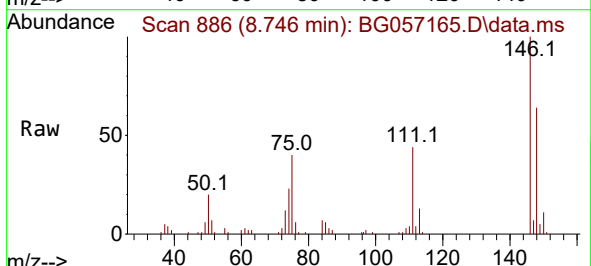
Tgt Ion:146 Resp: 62020

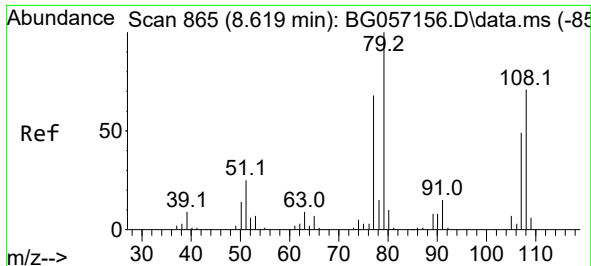
Ion Ratio Lower Upper

146 100

148 63.7 52.3 78.5

111 44.1 33.1 49.7

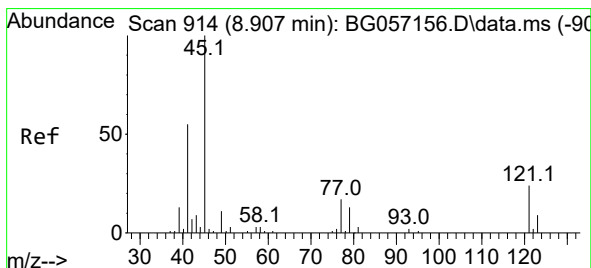
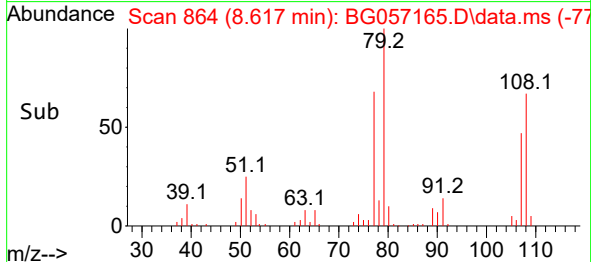
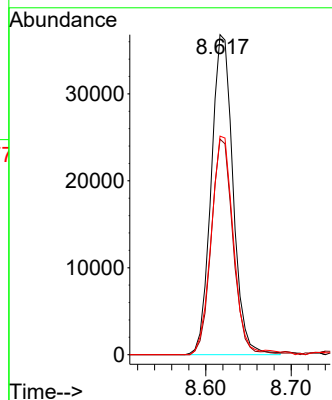
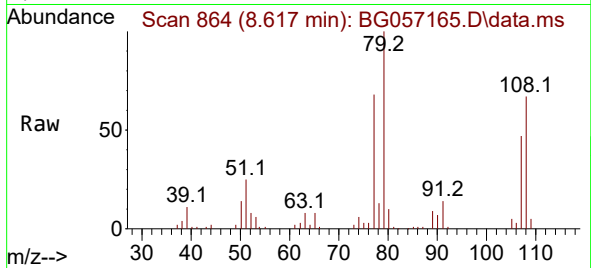




#15
Benzyl Alcohol
Concen: 59.798 ng
RT: 8.617 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

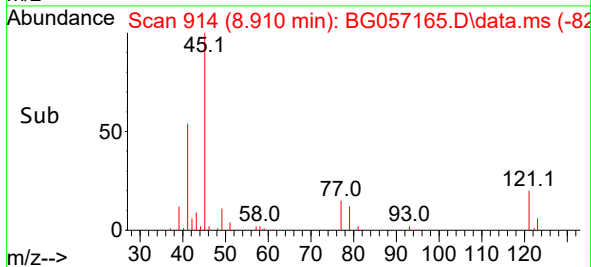
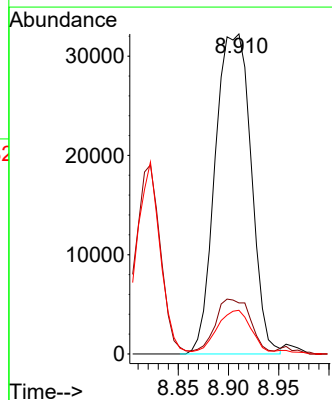
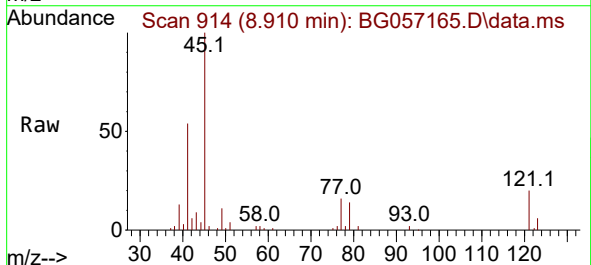
Instrument :
BNA_G
ClientSampleId :
PB152297BS

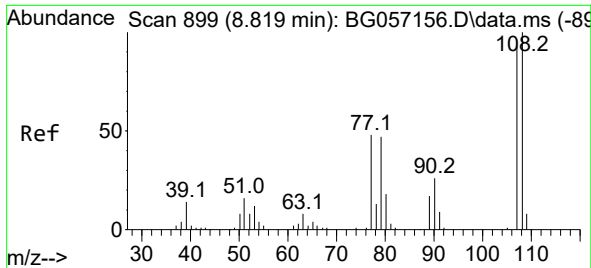
Tgt Ion: 79 Resp: 65284
Ion Ratio Lower Upper
79 100
108 67.3 56.8 85.2
77 68.3 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.247 ng
RT: 8.910 min Scan# 914
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion: 45 Resp: 80239
Ion Ratio Lower Upper
45 100
77 15.9 0.0 38.7
79 13.6 0.0 34.9

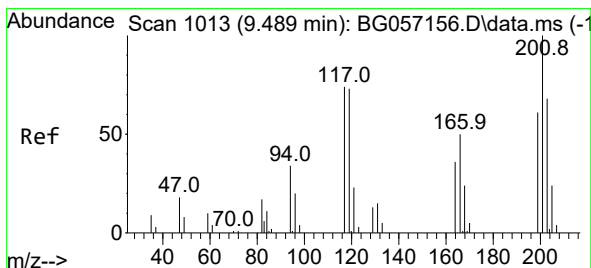
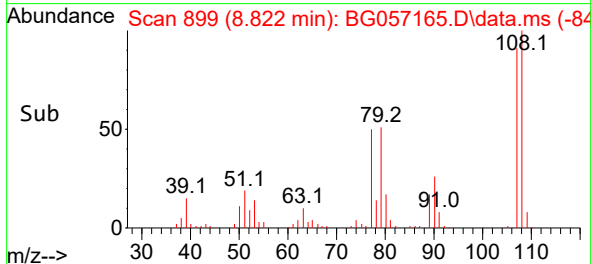
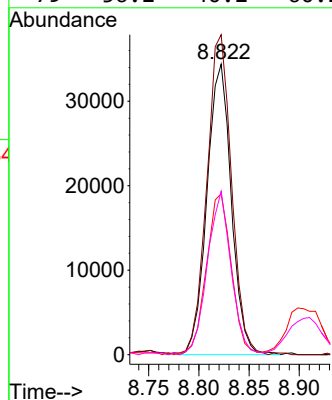
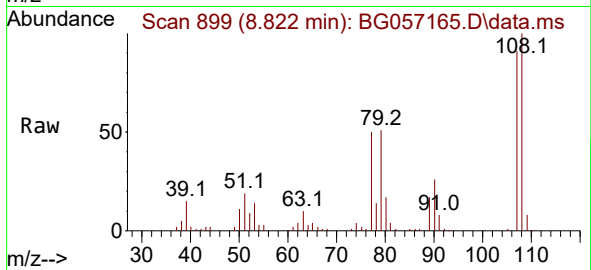




#17
2-Methylphenol
Concen: 54.084 ng
RT: 8.822 min Scan# 899
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

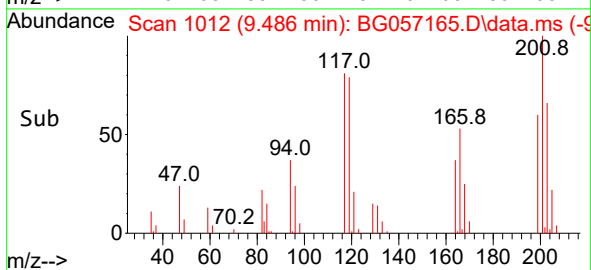
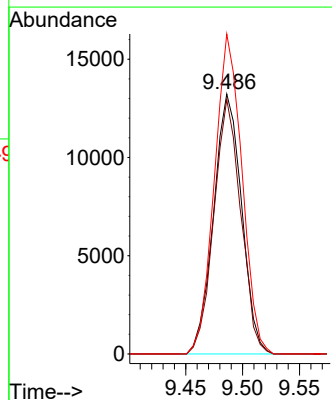
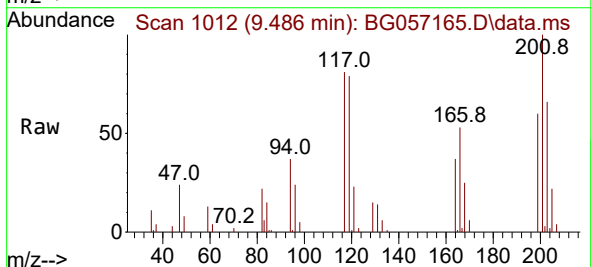
Instrument :
BNA_G
ClientSampleId :
PB152297BS

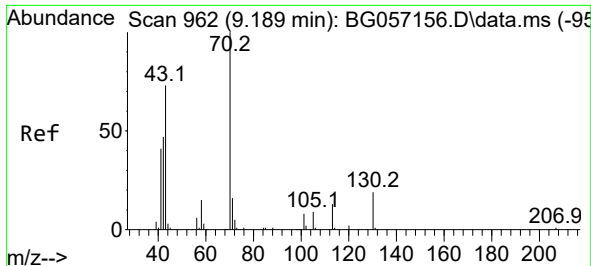
Tgt Ion:107 Resp: 58224
Ion Ratio Lower Upper
107 100
108 110.1 86.2 129.4
77 55.4 41.8 62.8
79 56.2 40.2 60.2



#18
Hexachloroethane
Concen: 52.169 ng
RT: 9.486 min Scan# 1012
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:117 Resp: 22666
Ion Ratio Lower Upper
117 100
119 97.8 78.3 117.5
201 123.1 107.6 161.4



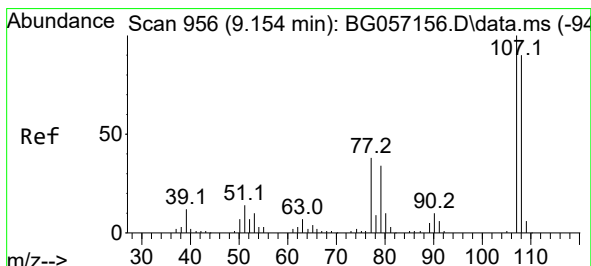
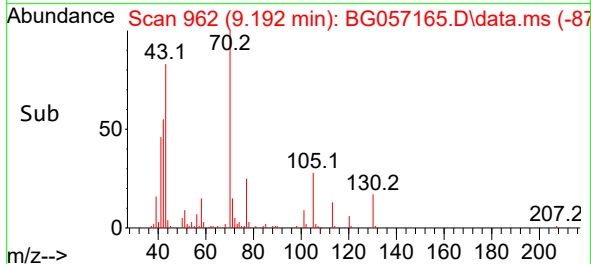
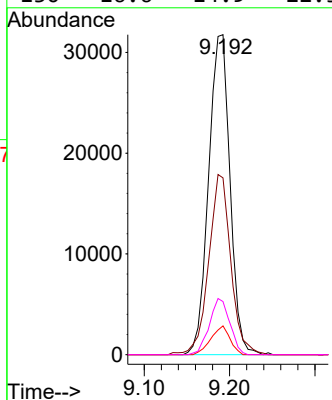
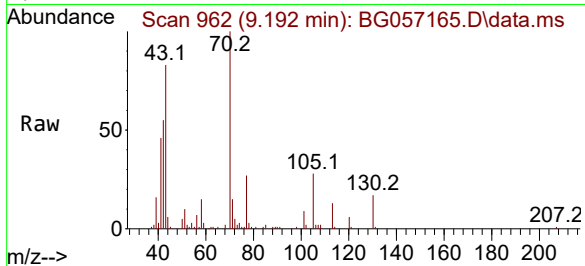


#19
n-Nitroso-di-n-propylamine
Concen: 60.090 ng
RT: 9.192 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Instrument :
BNA_G
ClientSampleId :
PB152297BS

Tgt Ion: 70 Resp: 55376

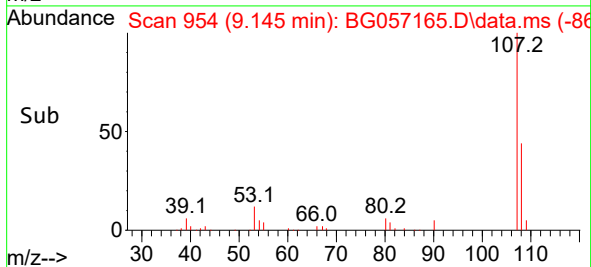
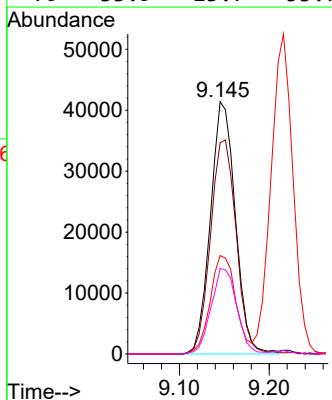
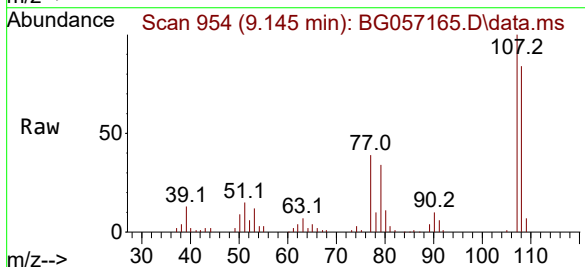
Ion	Ratio	Lower	Upper
70	100		
42	55.3	38.0	57.0
101	9.0	6.6	9.8
130	16.6	14.9	22.3

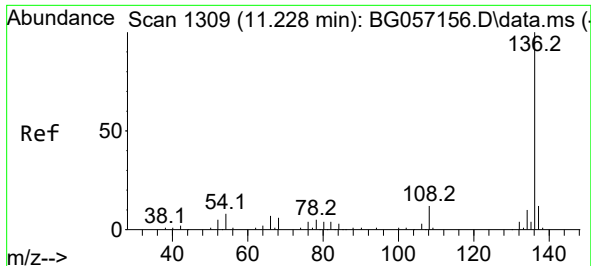


#20
3+4-Methylphenols
Concen: 54.123 ng
RT: 9.145 min Scan# 954
Delta R.T. -0.009 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion: 107 Resp: 79739

Ion	Ratio	Lower	Upper
107	100		
108	83.7	70.2	110.2
77	39.0	17.8	57.8
79	33.9	13.7	53.7

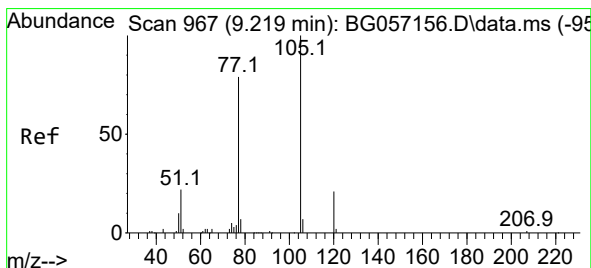
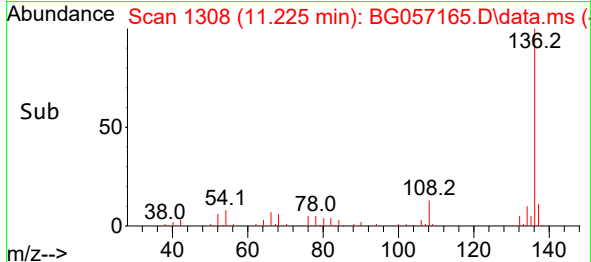
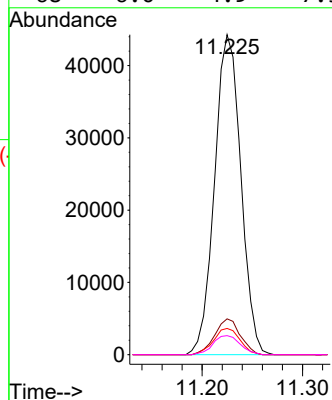
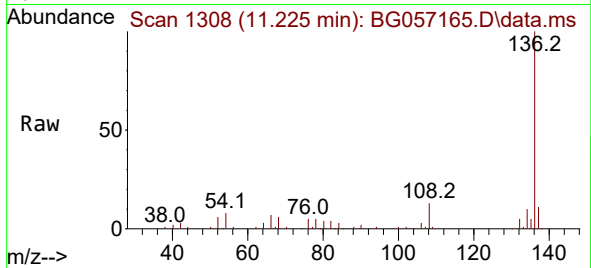




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.225 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

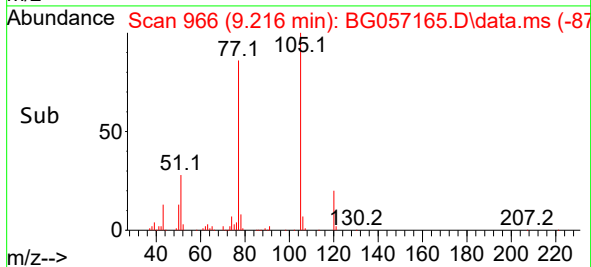
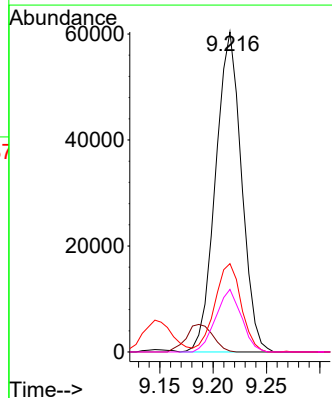
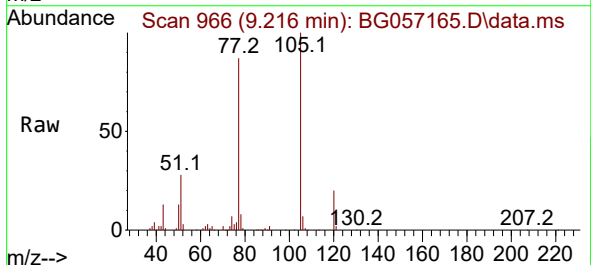
Instrument :
BNA_G
ClientSampleId :
PB152297BS

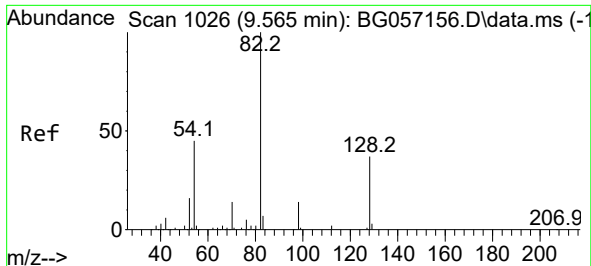
Tgt Ion:136	Resp:	80384
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.5 14.3
54	8.2	6.4 9.6
68	6.0	4.9 7.3



#22
Acetophenone
Concen: 46.801 ng
RT: 9.216 min Scan# 966
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:105	Resp:	102055
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.2 0.4
51	27.6	19.4 29.0
120	19.6	17.0 25.6

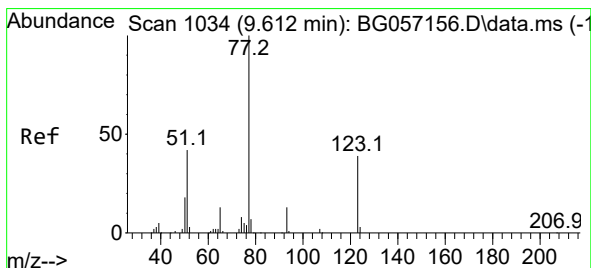
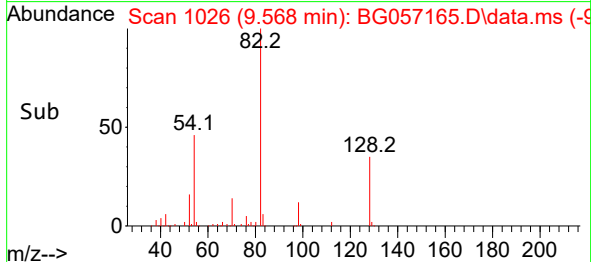
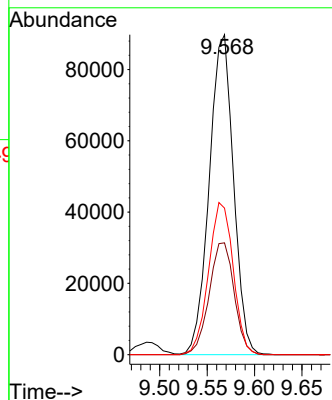
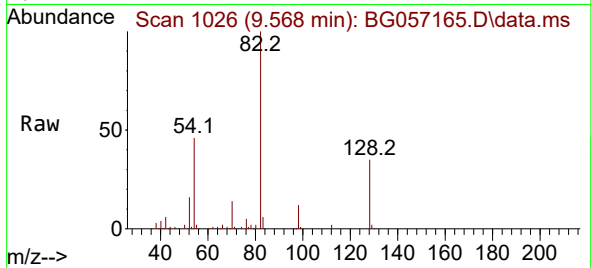




#23
Nitrobenzene-d5
Concen: 98.271 ng
RT: 9.568 min Scan# 1026
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

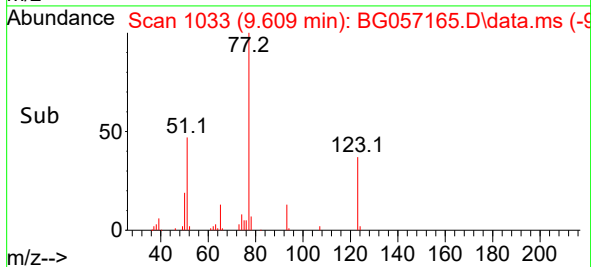
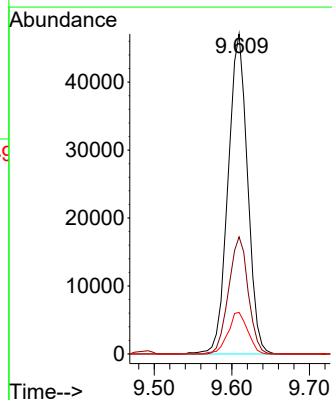
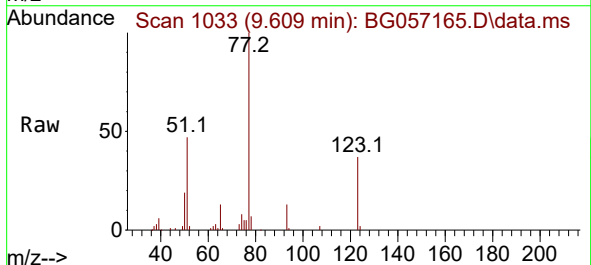
Instrument :
BNA_G
ClientSampleId :
PB152297BS

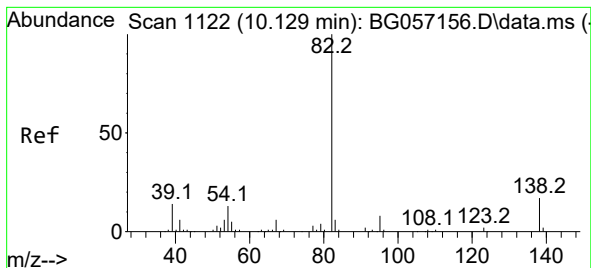
Tgt Ion: 82 Resp: 159789
Ion Ratio Lower Upper
82 100
128 34.9 29.4 44.2
54 45.8 36.2 54.2



#24
Nitrobenzene
Concen: 50.301 ng
RT: 9.609 min Scan# 1033
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion: 77 Resp: 82118
Ion Ratio Lower Upper
77 100
123 36.6 31.3 46.9
65 13.0 10.5 15.7





#25

Isophorone

Concen: 48.767 ng

RT: 10.126 min Scan# 1122

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

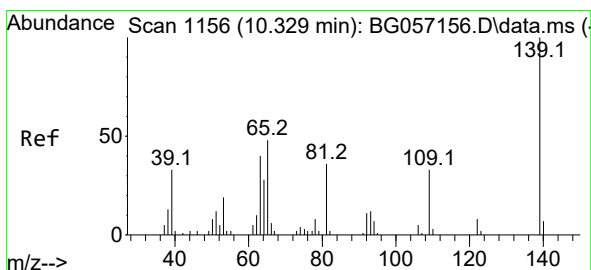
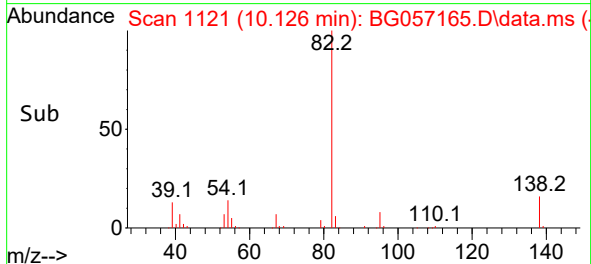
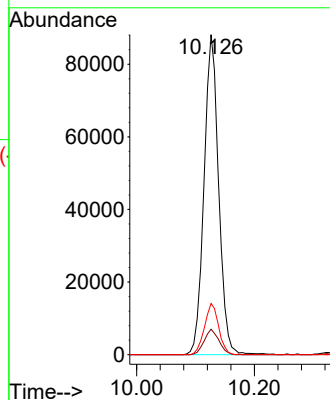
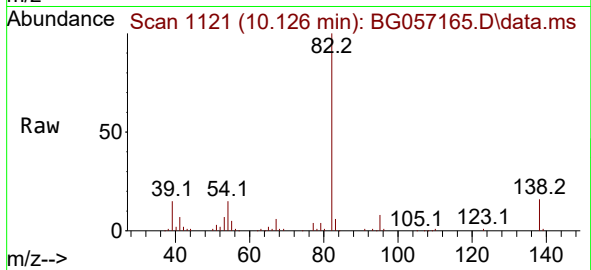
Tgt Ion: 82 Resp: 152097

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

138 16.0 13.4 20.0



#26

2-Nitrophenol

Concen: 49.922 ng

RT: 10.326 min Scan# 1155

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

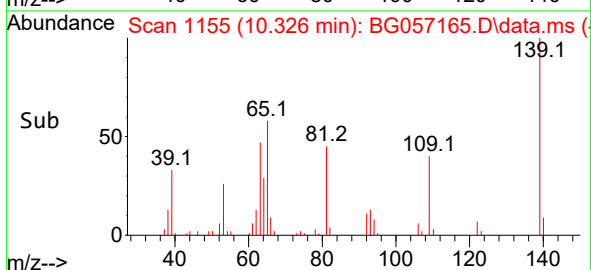
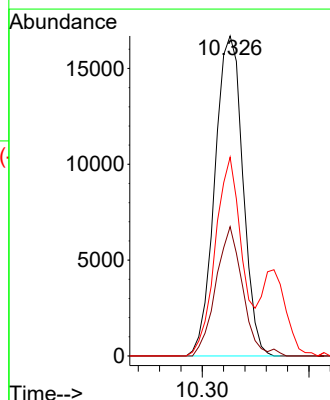
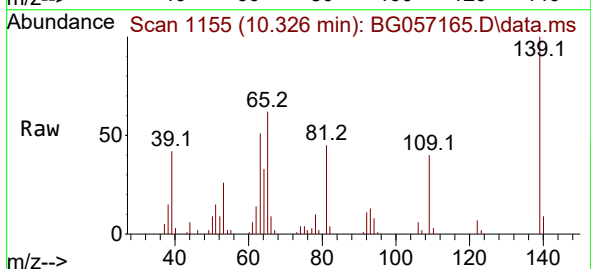
Tgt Ion:139 Resp: 30448

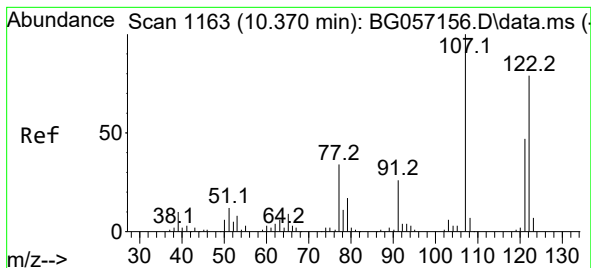
Ion Ratio Lower Upper

139 100

109 40.4 26.6 39.8#

65 62.1 38.6 58.0#





#27

2,4-Dimethylphenol

Concen: 52.801 ng

RT: 10.367 min Scan# 1163

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

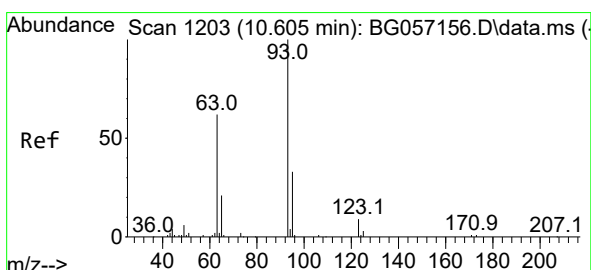
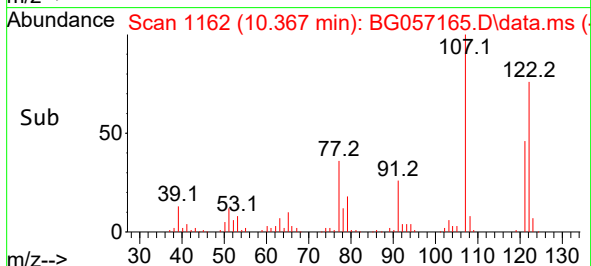
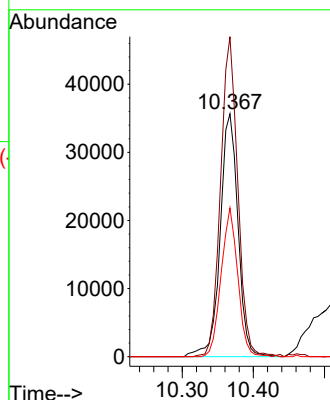
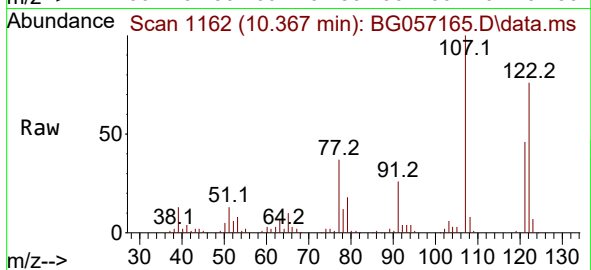
Tgt Ion:122 Resp: 61895

Ion Ratio Lower Upper

122 100

107 131.8 101.5 152.3

121 61.3 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.492 ng

RT: 10.602 min Scan# 1202

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

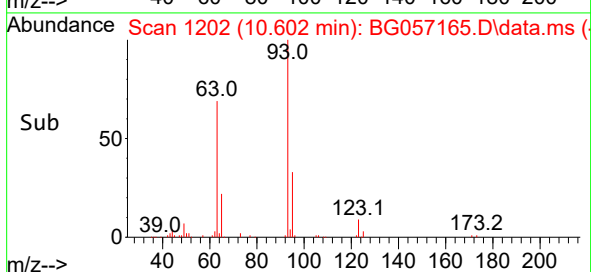
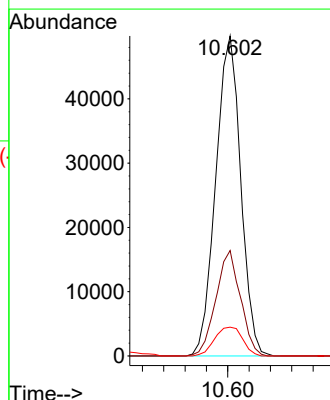
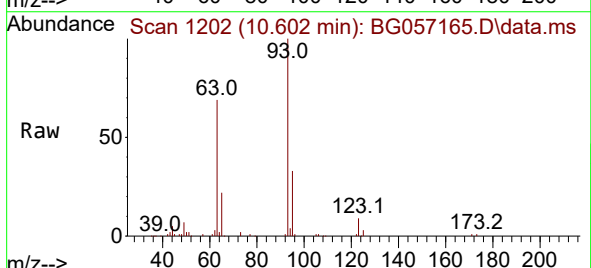
Tgt Ion: 93 Resp: 80916

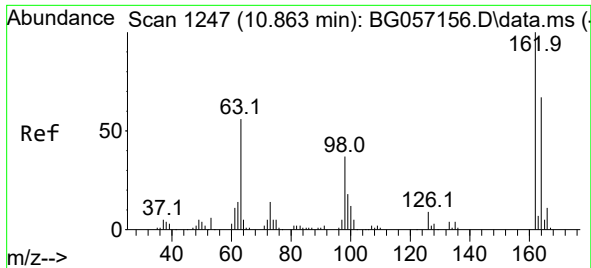
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 9.0 7.4 11.0





#29

2,4-Dichlorophenol

Concen: 49.131 ng

RT: 10.861 min Scan# 1246

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

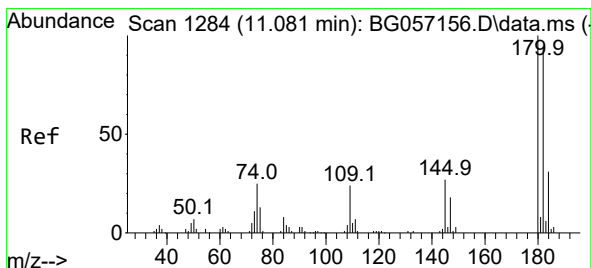
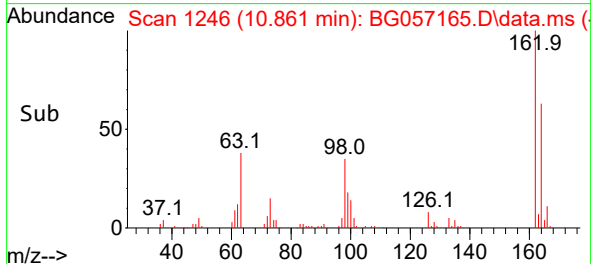
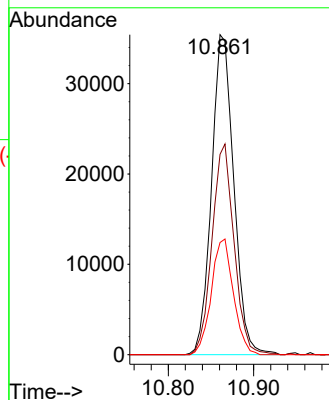
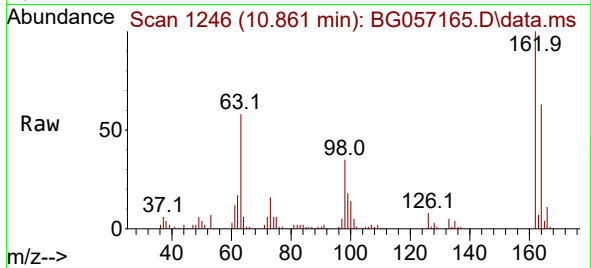
Tgt Ion:162 Resp: 64158

Ion Ratio Lower Upper

162 100

164 62.6 47.2 87.2

98 35.1 16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 43.109 ng

RT: 11.084 min Scan# 1284

Delta R.T. 0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

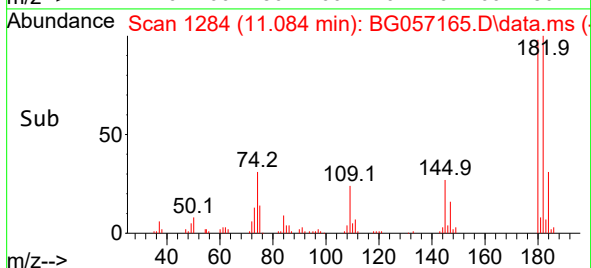
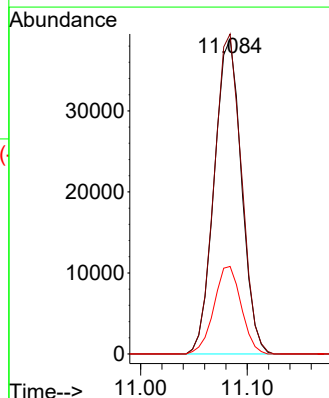
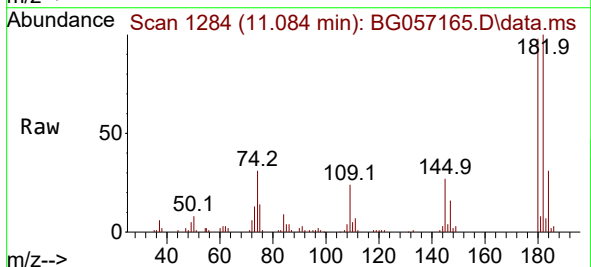
Tgt Ion:180 Resp: 68839

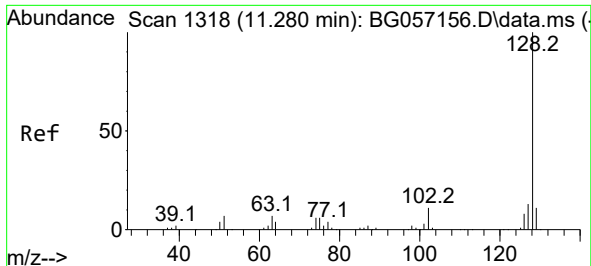
Ion Ratio Lower Upper

180 100

182 101.6 75.0 112.6

145 27.8 21.4 32.2

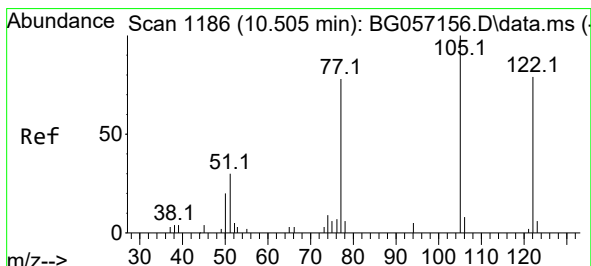
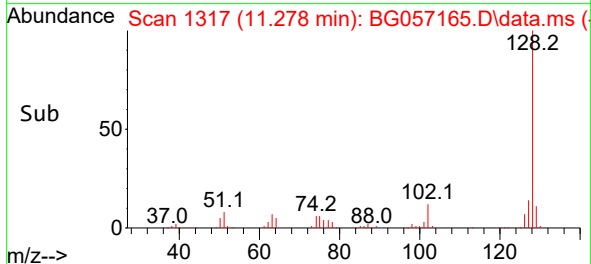
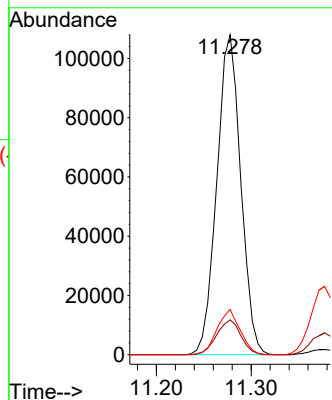
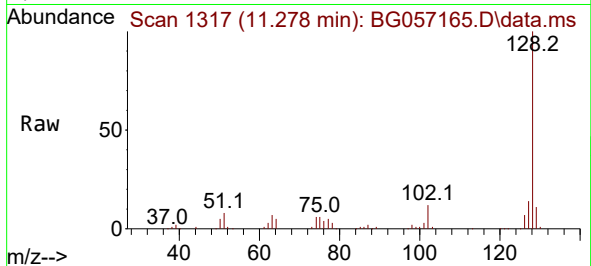




#31
Naphthalene
Concen: 44.383 ng
RT: 11.278 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

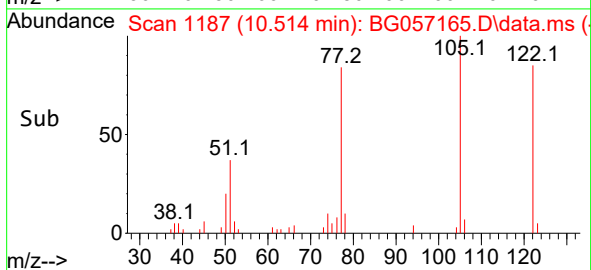
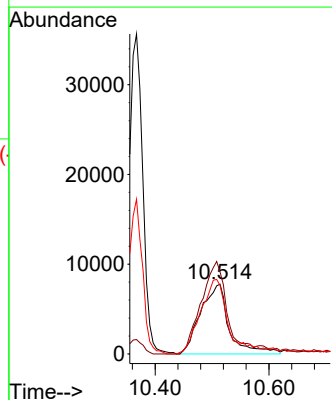
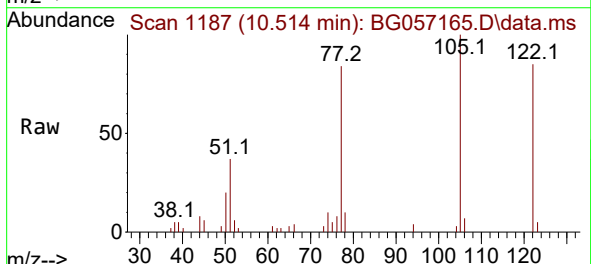
Instrument :
BNA_G
ClientSampleId :
PB152297BS

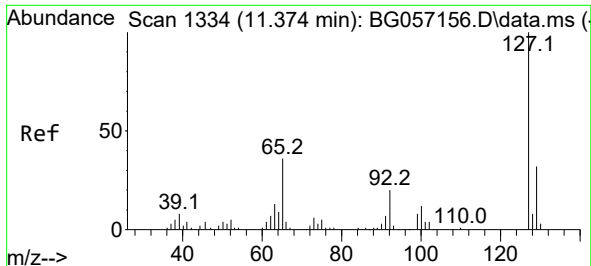
Tgt Ion:128 Resp: 189494
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 14.1 10.6 16.0



#32
Benzoic acid
Concen: 48.913 ng
RT: 10.514 min Scan# 1187
Delta R.T. 0.009 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:122 Resp: 26972
Ion Ratio Lower Upper
122 100
105 117.8 104.3 144.3
77 98.5 79.5 119.5

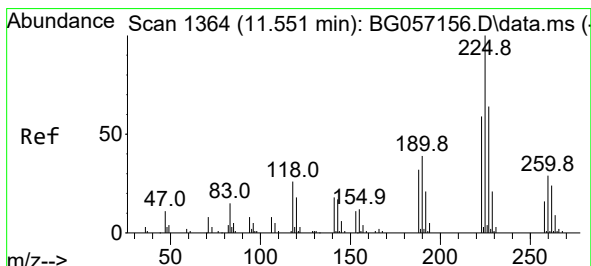
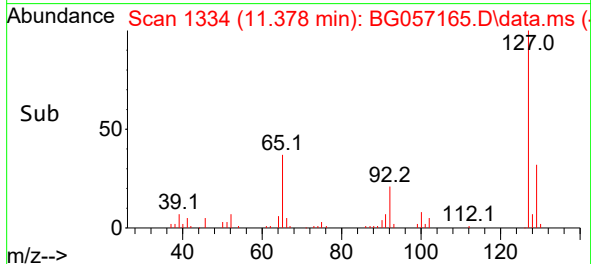
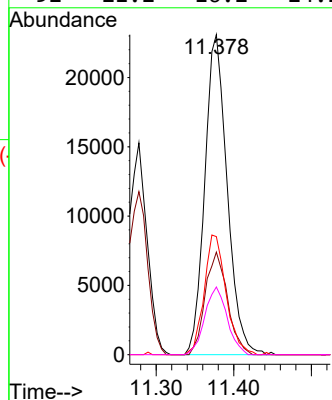
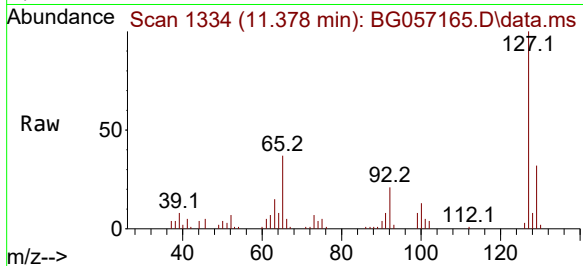




#33
4-Chloroaniline
Concen: 24.668 ng
RT: 11.378 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

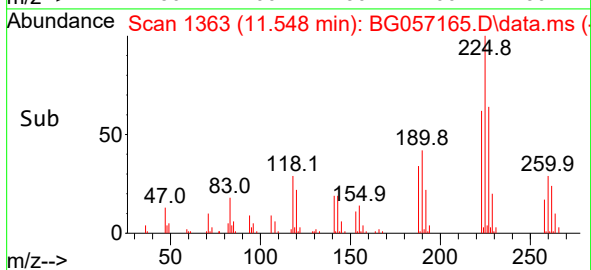
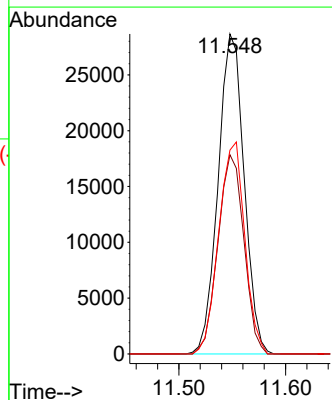
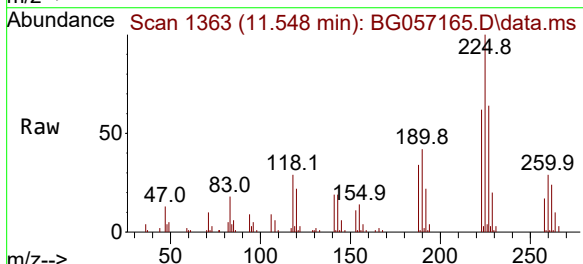
Instrument :
BNA_G
ClientSampleId :
PB152297BS

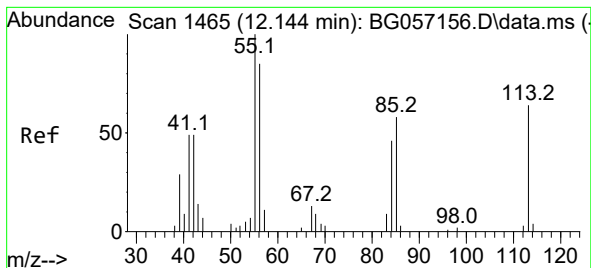
Tgt Ion:	127	Resp:	46307
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	36.9	28.6	42.8
92	21.2	16.2	24.2



#34
Hexachlorobutadiene
Concen: 41.202 ng
RT: 11.548 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:	225	Resp:	48514
Ion	Ratio	Lower	Upper
225	100		
223	62.2	47.4	71.0
227	63.7	51.1	76.7





#35

Caprolactam

Concen: 30.664 ng

RT: 12.135 min Scan# 1463

Delta R.T. -0.009 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

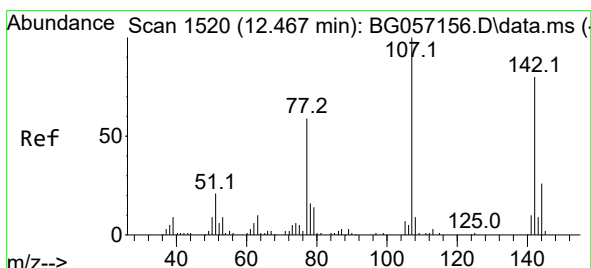
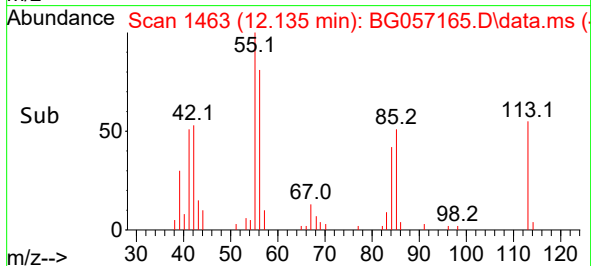
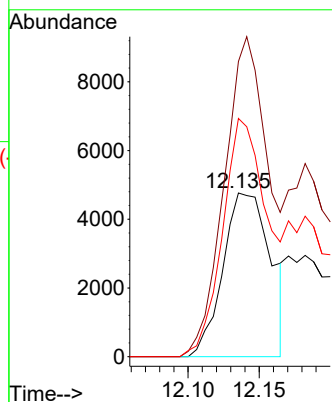
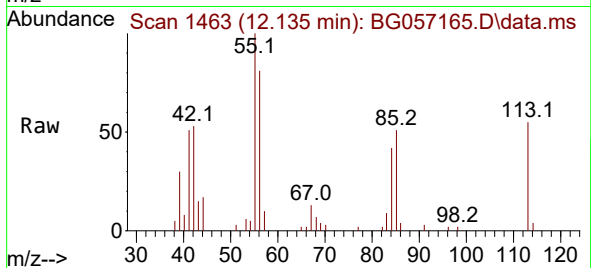
Tgt Ion:113 Resp: 11088

Ion Ratio Lower Upper

113 100

55 180.3 135.8 175.8#

56 145.5 111.8 151.8



#36

4-Chloro-3-methylphenol

Concen: 51.453 ng

RT: 12.470 min Scan# 1520

Delta R.T. 0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

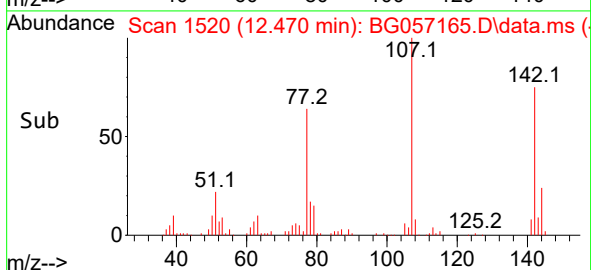
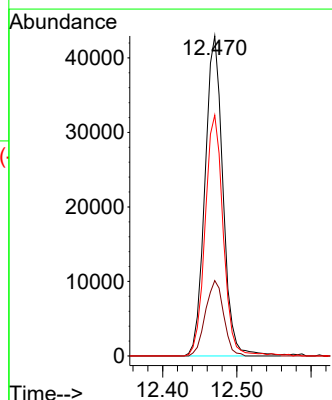
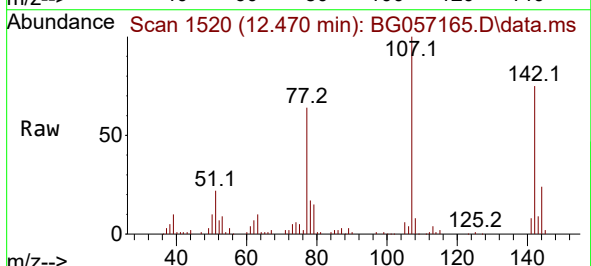
Tgt Ion:107 Resp: 72281

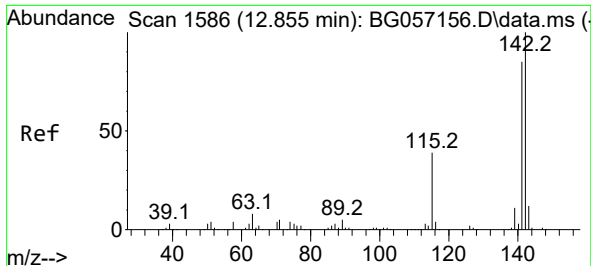
Ion Ratio Lower Upper

107 100

144 23.5 21.0 31.6

142 75.3 63.8 95.8

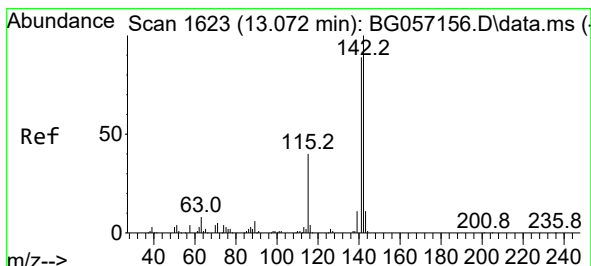
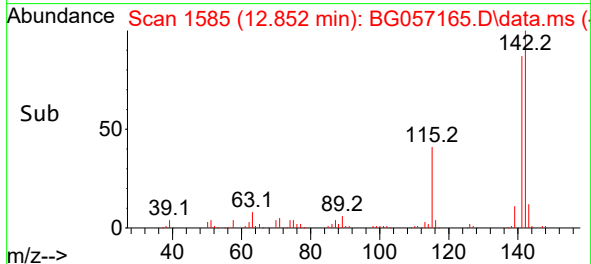
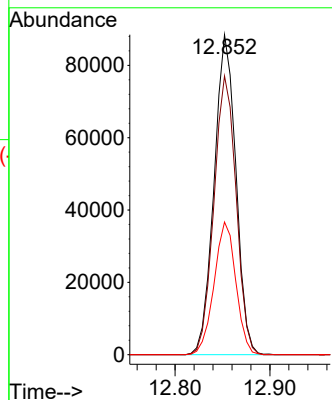
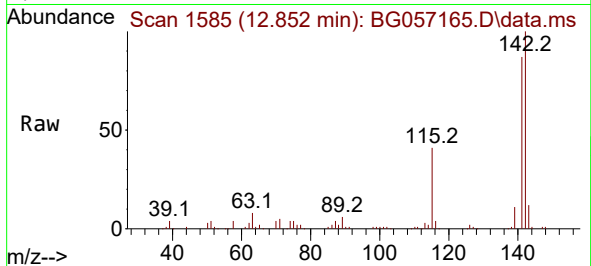




#37
2-Methylnaphthalene
Concen: 42.059 ng
RT: 12.852 min Scan# 1585
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

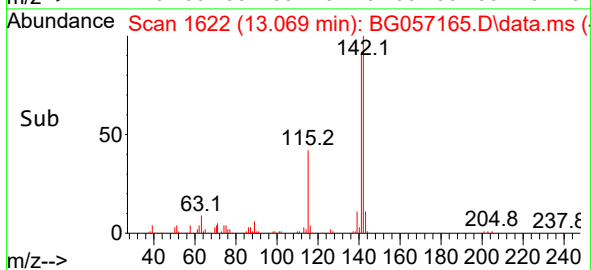
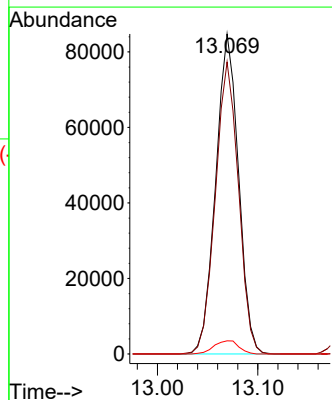
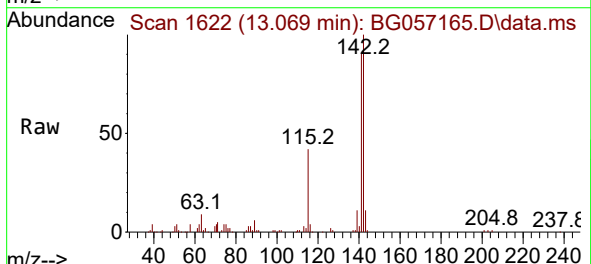
Instrument :
BNA_G
ClientSampleId :
PB152297BS

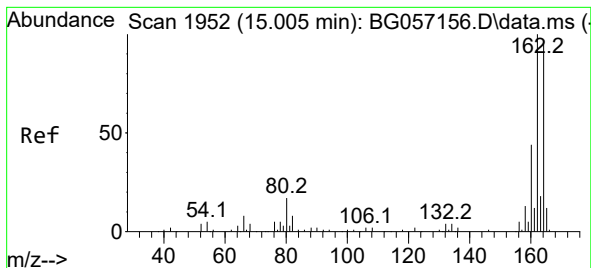
Tgt Ion:142 Resp: 141311
Ion Ratio Lower Upper
142 100
141 87.1 68.1 102.1
115 41.5 31.0 46.4



#38
1-Methylnaphthalene
Concen: 43.154 ng
RT: 13.069 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:142 Resp: 133862
Ion Ratio Lower Upper
142 100
141 91.3 71.6 107.4
116 4.1 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.002 min Scan# 1951

Delta R.T. -0.003 min

Lab File: BG057165.D

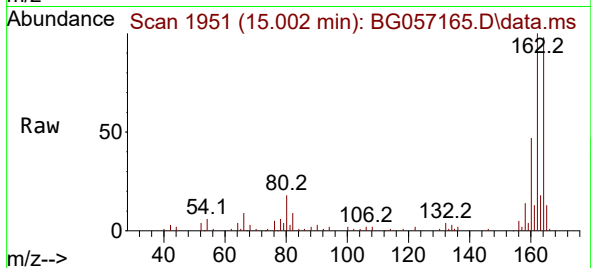
Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS



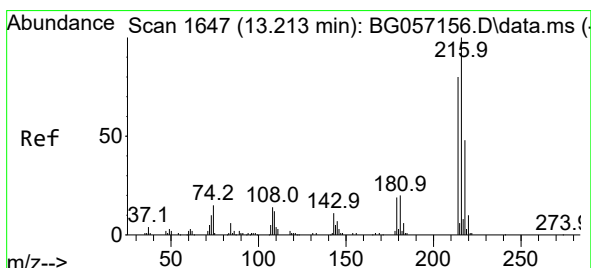
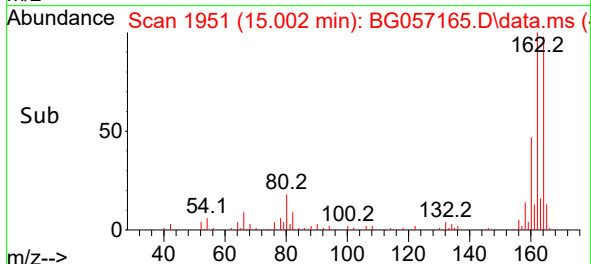
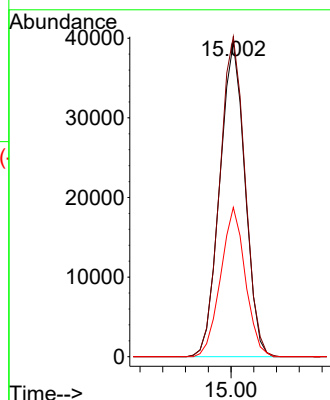
Tgt Ion:164 Resp: 60652

Ion Ratio Lower Upper

164 100

162 101.8 82.4 123.6

160 47.5 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.463 ng

RT: 13.216 min Scan# 1647

Delta R.T. 0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Tgt Ion:216 Resp: 94238

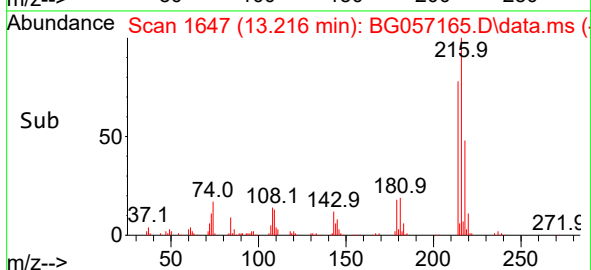
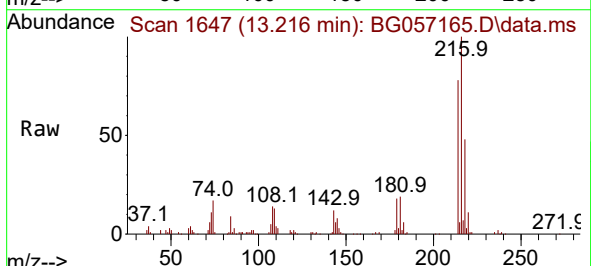
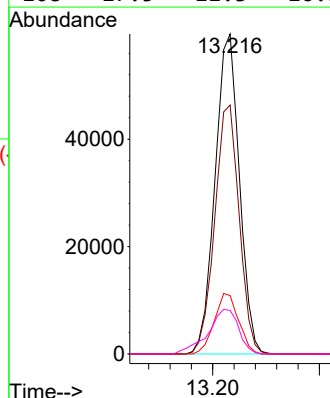
Ion Ratio Lower Upper

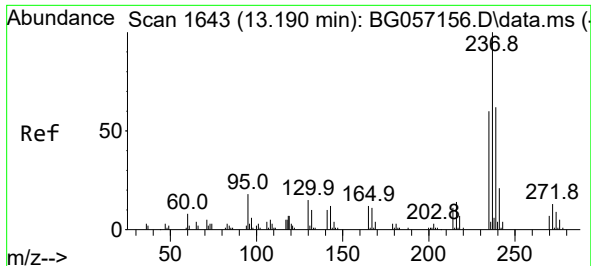
216 100

214 78.1 62.3 93.5

179 18.9 14.8 22.2

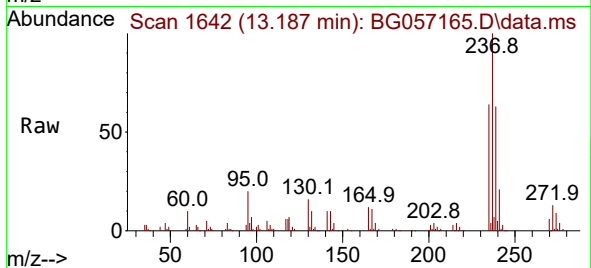
108 17.5 11.3 16.9#



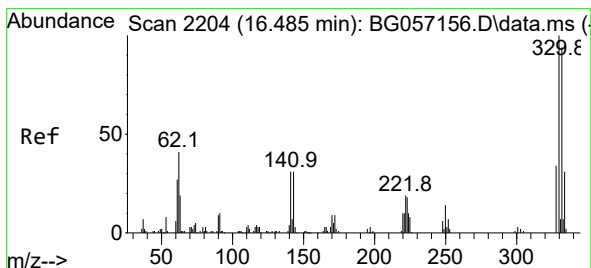
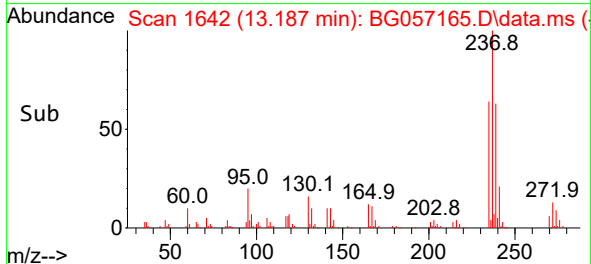
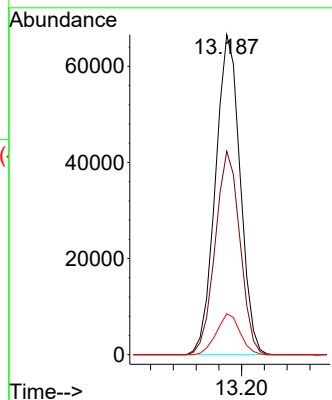


#41
Hexachlorocyclopentadiene
Concen: 104.153 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Instrument :
BNA_G
ClientSampleId :
PB152297BS

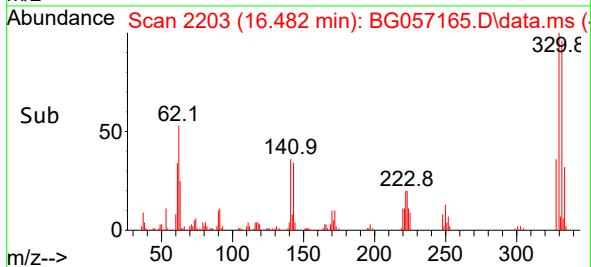
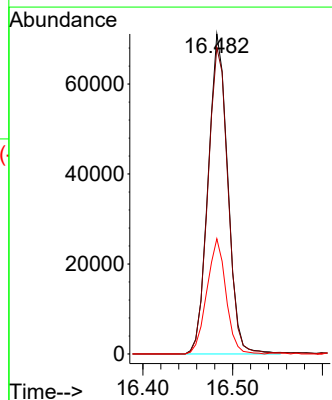
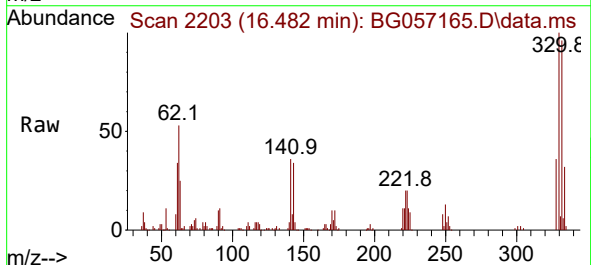


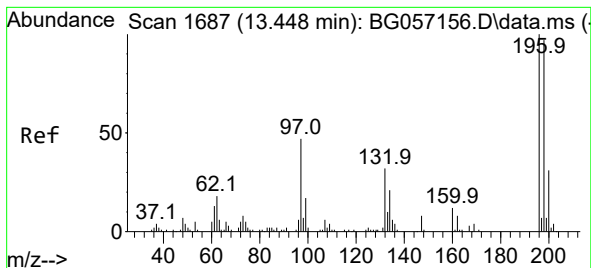
Tgt Ion:237 Resp: 100298
Ion Ratio Lower Upper
237 100
235 63.6 39.7 79.7
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 134.976 ng
RT: 16.482 min Scan# 2203
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:330 Resp: 108015
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 34.9 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 48.750 ng

RT: 13.445 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

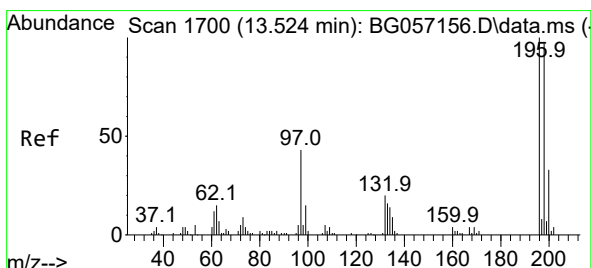
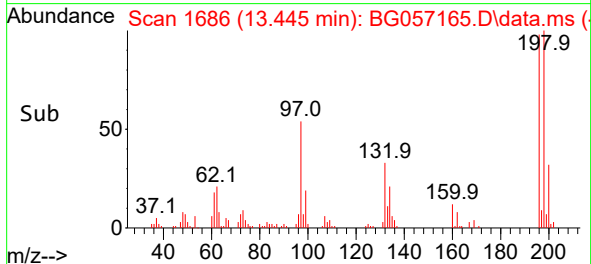
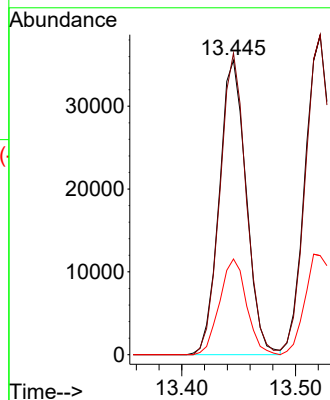
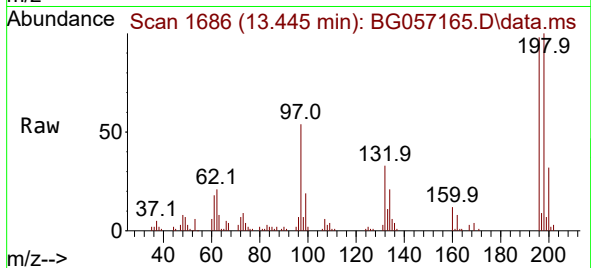
Tgt Ion:196 Resp: 58573

Ion Ratio Lower Upper

196 100

198 102.5 77.5 116.3

200 32.5 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 44.168 ng

RT: 13.522 min Scan# 1699

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Tgt Ion:196 Resp: 64067

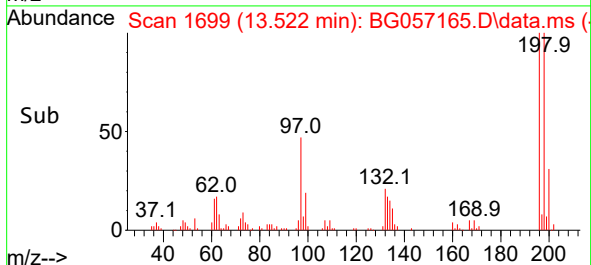
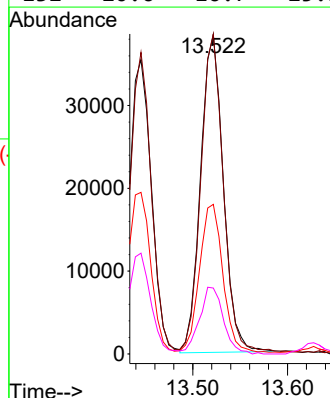
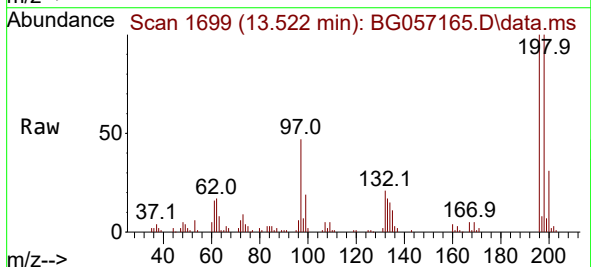
Ion Ratio Lower Upper

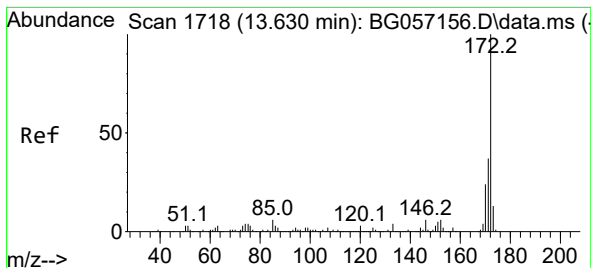
196 100

198 100.2 78.4 117.6

97 46.9 34.6 51.8

132 20.6 16.7 25.1





#45

2-Fluorobiphenyl

Concen: 85.924 ng

RT: 13.627 min Scan# 1717

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

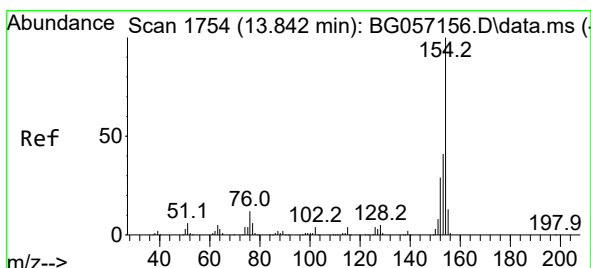
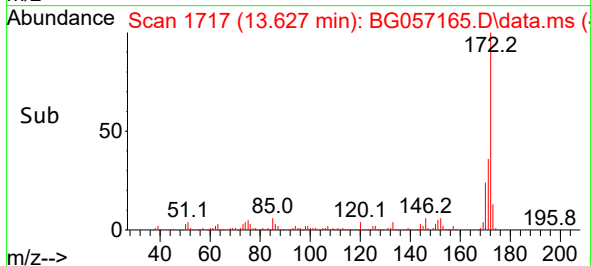
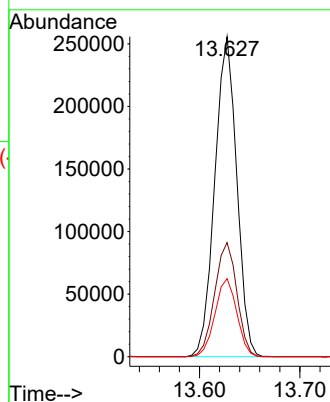
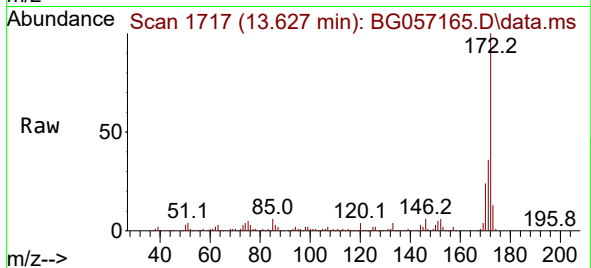
Tgt Ion:172 Resp: 387783

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 24.4 19.4 29.2



#46

1,1'-Biphenyl

Concen: 45.063 ng

RT: 13.839 min Scan# 1753

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

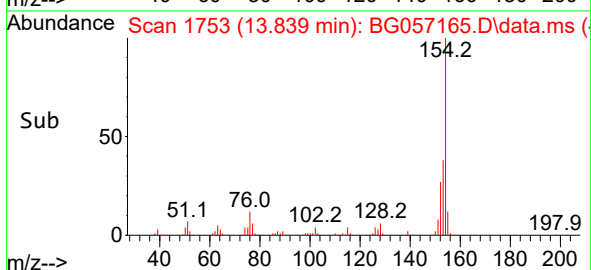
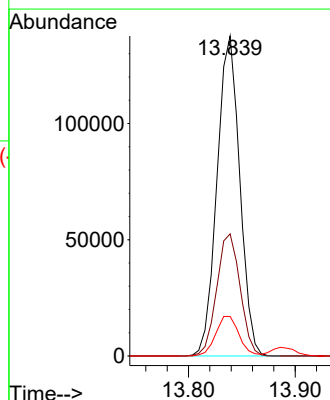
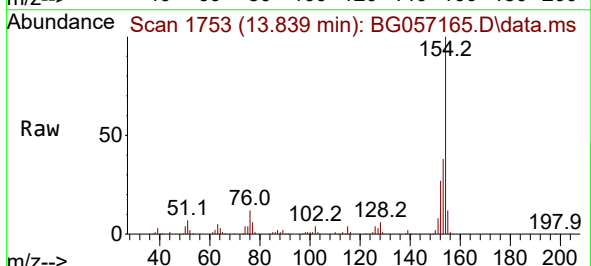
Tgt Ion:154 Resp: 203724

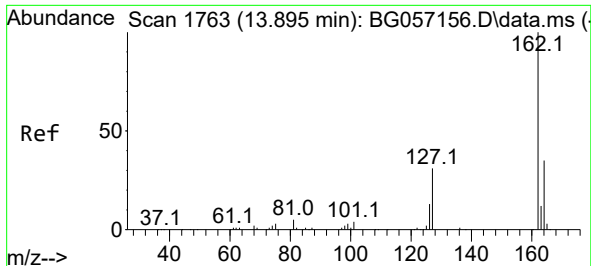
Ion Ratio Lower Upper

154 100

153 38.1 20.9 60.9

76 12.4 0.0 32.3

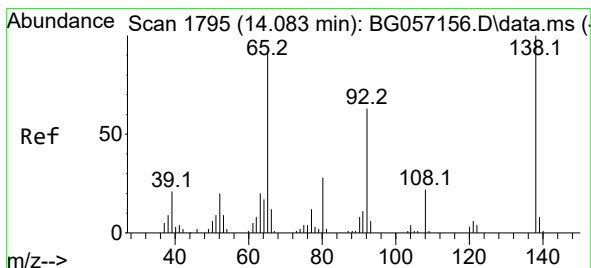
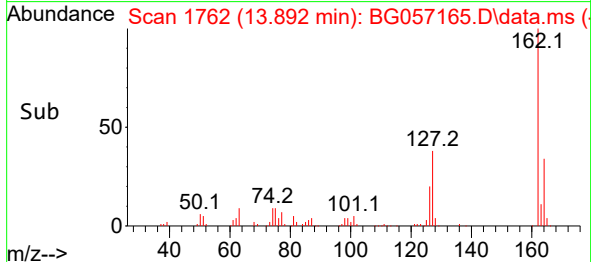
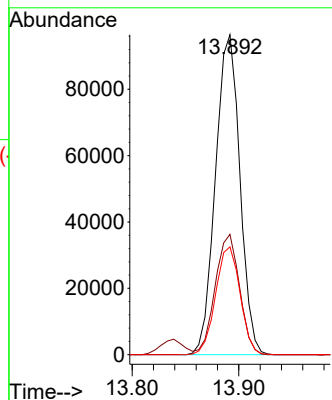
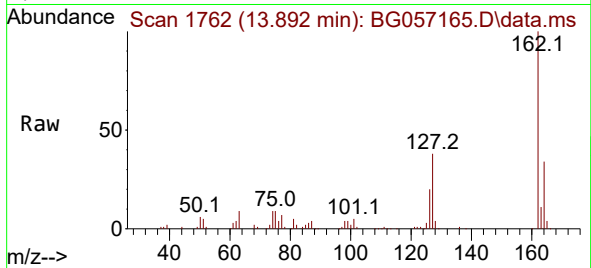




#47
2-Chloronaphthalene
Concen: 44.920 ng
RT: 13.892 min Scan# 1762
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

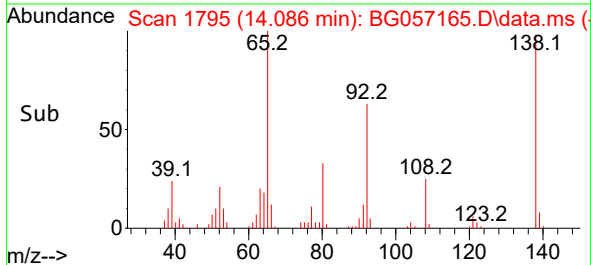
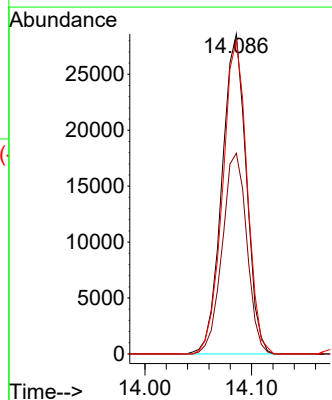
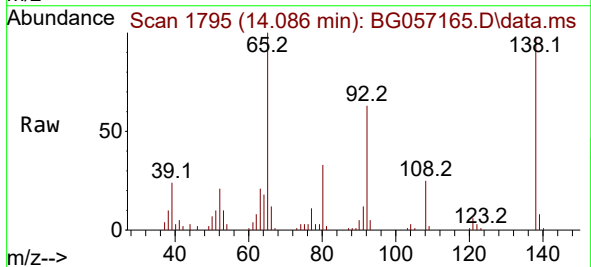
Instrument :
BNA_G
ClientSampleId :
PB152297BS

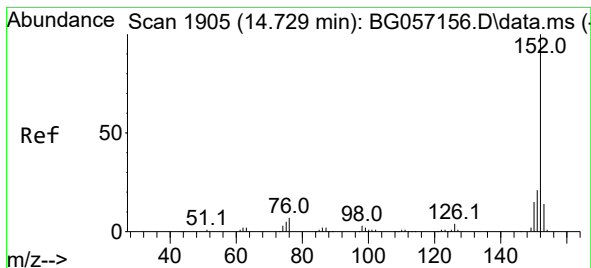
Tgt Ion:162 Resp: 153274
Ion Ratio Lower Upper
162 100
127 37.6 28.7 43.1
164 33.7 27.8 41.6



#48
2-Nitroaniline
Concen: 52.520 ng
RT: 14.086 min Scan# 1795
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion: 65 Resp: 45191
Ion Ratio Lower Upper
65 100
92 62.7 54.9 82.3
138 98.1 86.6 129.8





#49

Acenaphthylene

Concen: 44.744 ng

RT: 14.726 min Scan# 1904

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

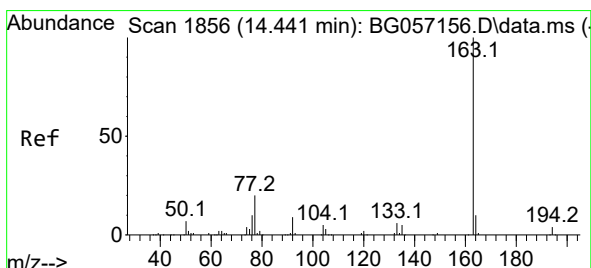
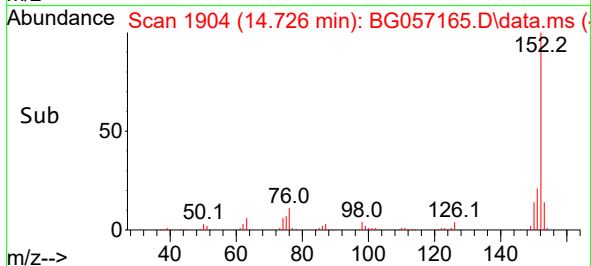
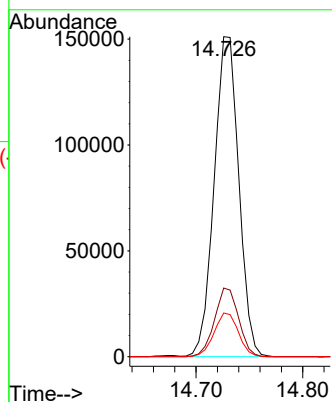
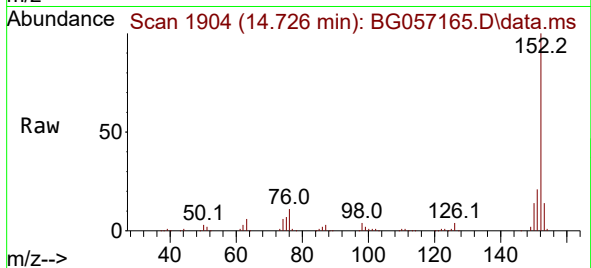
Tgt Ion:152 Resp: 242360

Ion Ratio Lower Upper

152 100

151 21.5 16.9 25.3

153 13.7 11.0 16.6



#50

Dimethylphthalate

Concen: 48.050 ng

RT: 14.438 min Scan# 1855

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

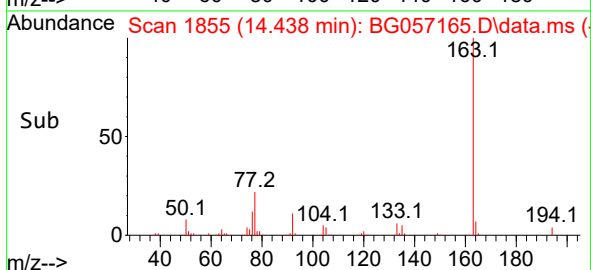
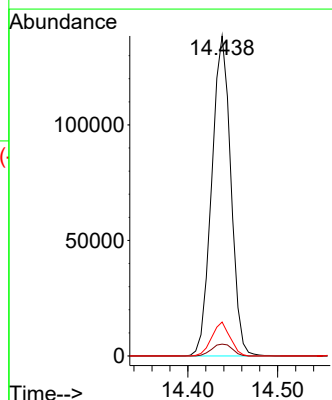
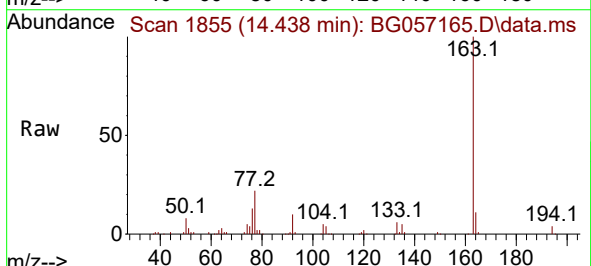
Tgt Ion:163 Resp: 204532

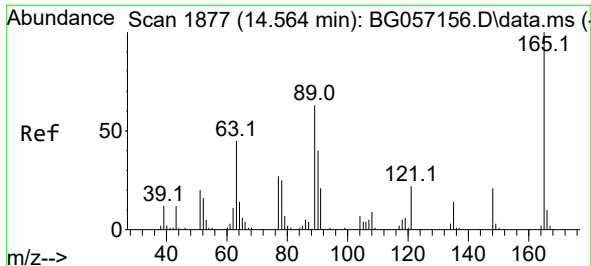
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

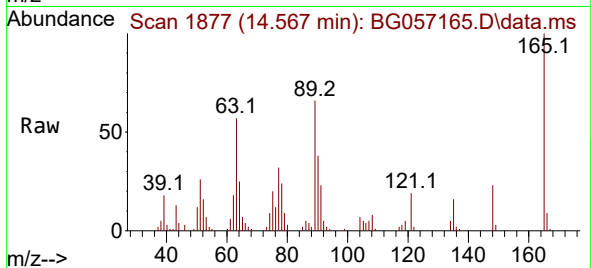
164 10.6 8.2 12.4



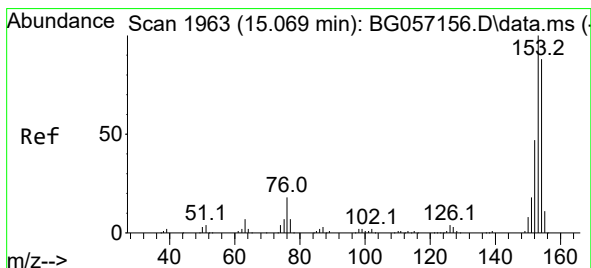
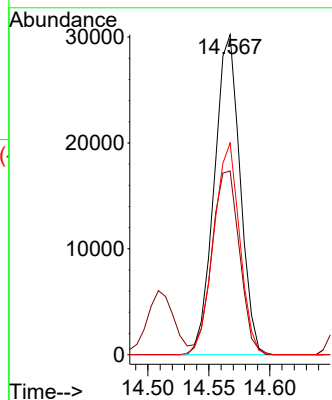
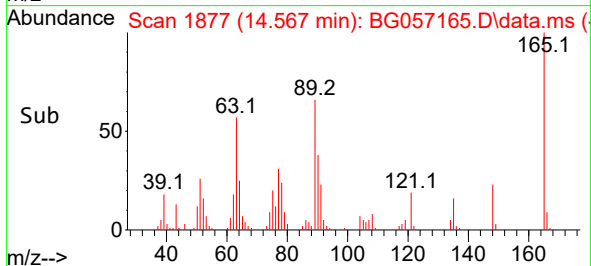


#51
2,6-Dinitrotoluene
Concen: 50.045 ng
RT: 14.567 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Instrument :
BNA_G
ClientSampleId :
PB152297BS

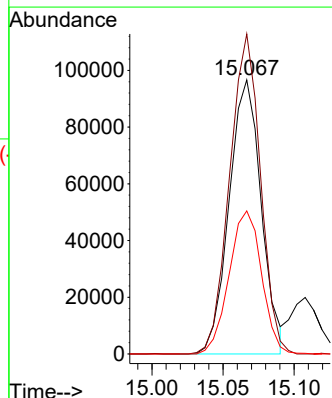
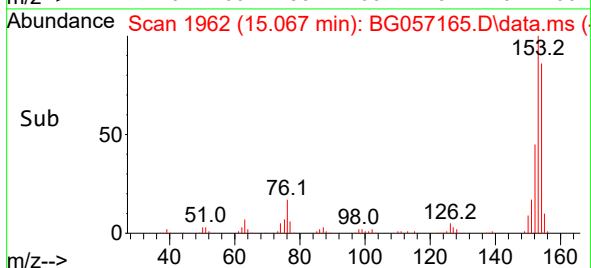
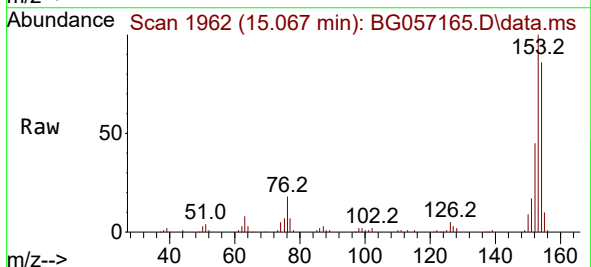


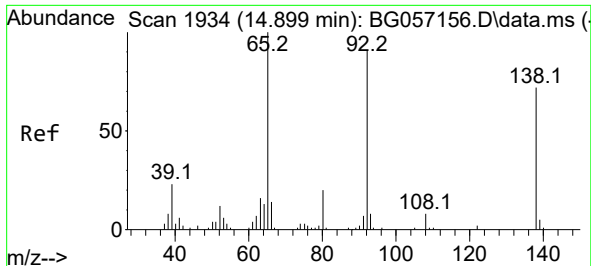
Tgt Ion:165 Resp: 44466
Ion Ratio Lower Upper
165 100
63 57.4 45.5 68.3
89 66.2 50.1 75.1



#52
Acenaphthene
Concen: 42.947 ng
RT: 15.067 min Scan# 1962
Delta R.T. -0.002 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:154 Resp: 151987
Ion Ratio Lower Upper
154 100
153 116.8 91.0 136.4
152 52.2 43.0 64.6

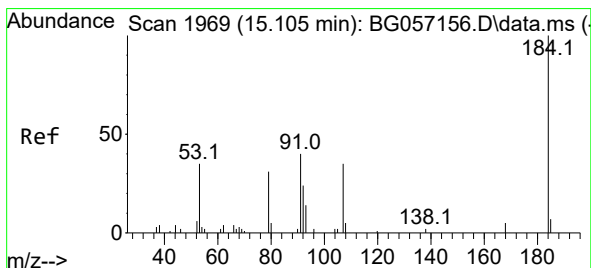
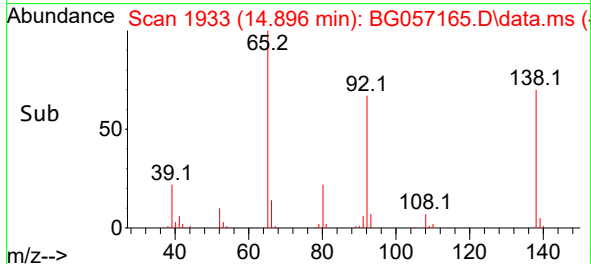
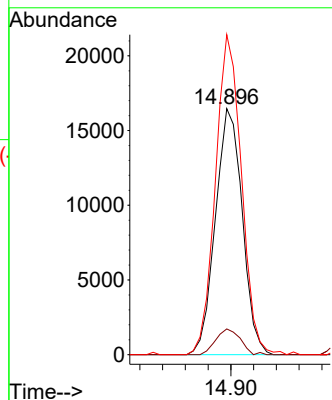
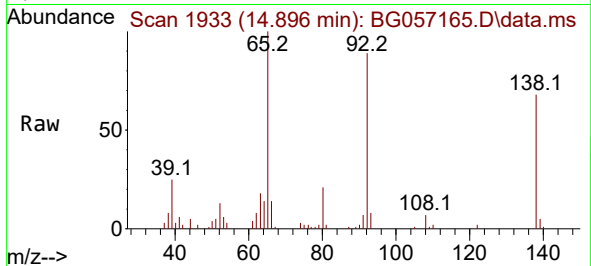




#53
3-Nitroaniline
Concen: 30.662 ng
RT: 14.896 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

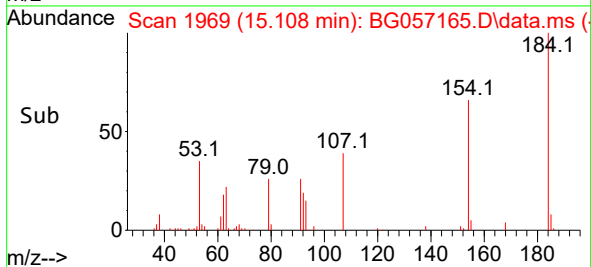
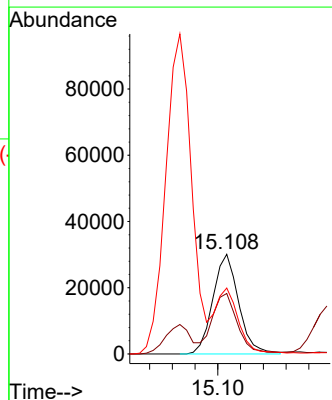
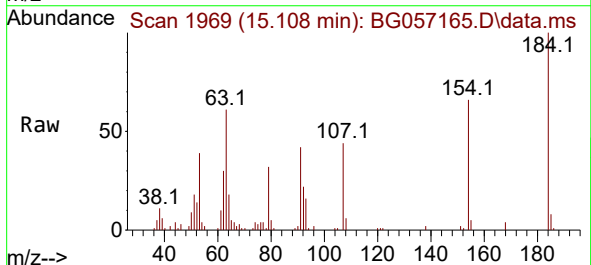
Instrument :
BNA_G
ClientSampleId :
PB152297BS

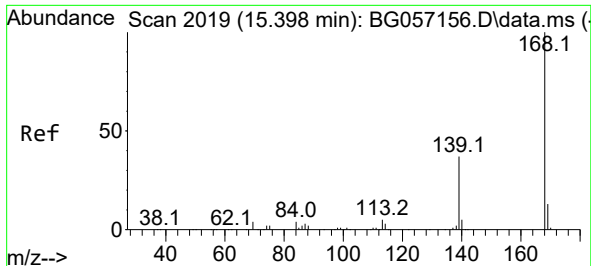
Tgt Ion:138 Resp: 27053
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 130.0 101.4 152.2



#54
2,4-Dinitrophenol
Concen: 93.020 ng
RT: 15.108 min Scan# 1969
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:184 Resp: 47424
Ion Ratio Lower Upper
184 100
63 60.6 43.4 65.0
154 66.1 45.2 67.8

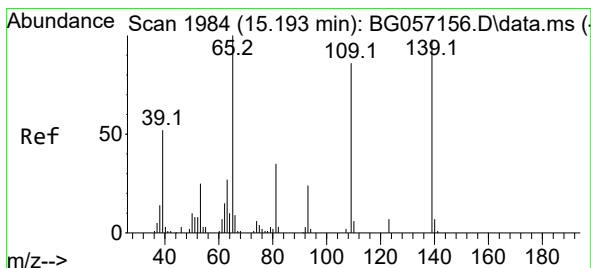
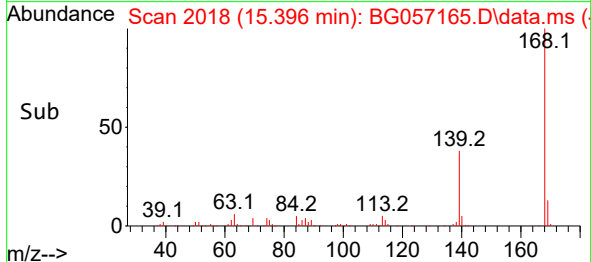
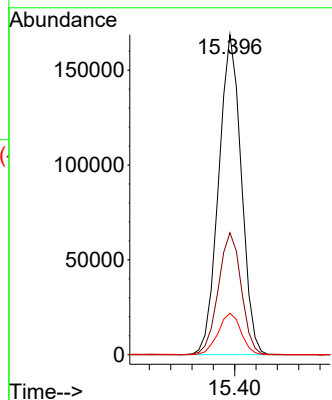
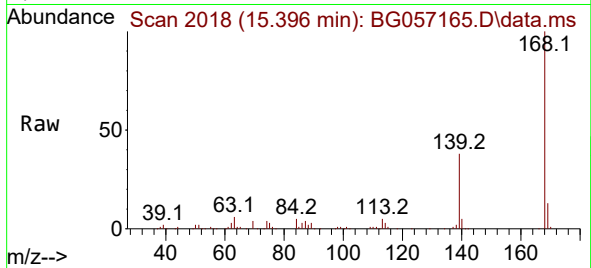




#55
Dibenzenofuran
Concen: 43.231 ng
RT: 15.396 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

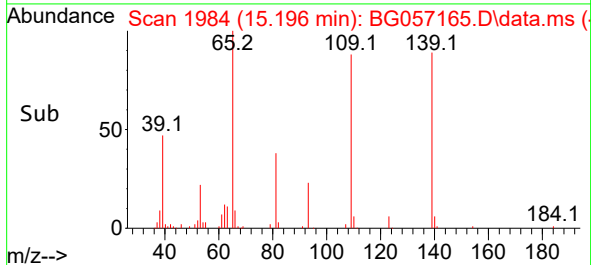
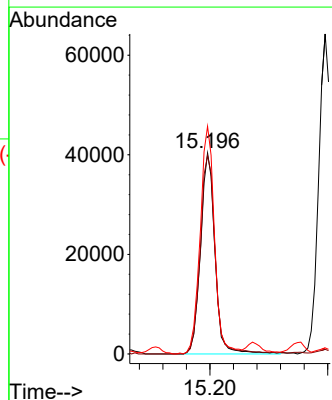
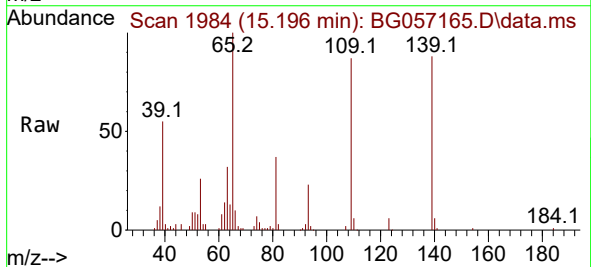
Instrument :
BNA_G
ClientSampleId :
PB152297BS

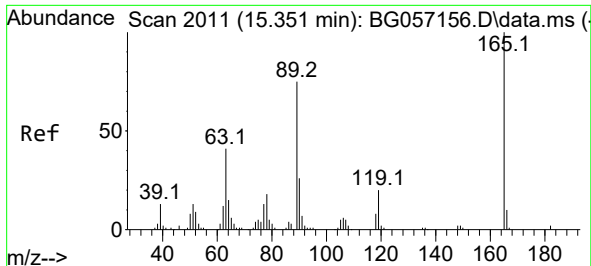
Tgt Ion:168 Resp: 247891
Ion Ratio Lower Upper
168 100
139 38.1 29.2 43.8
169 12.9 10.6 15.8



#56
4-Nitrophenol
Concen: 110.244 ng
RT: 15.196 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:139 Resp: 68465
Ion Ratio Lower Upper
139 100
109 98.8 67.3 107.3
65 113.3 82.0 122.0

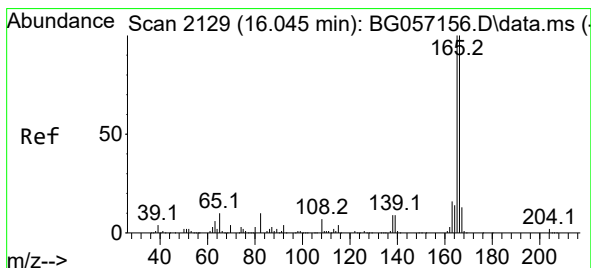
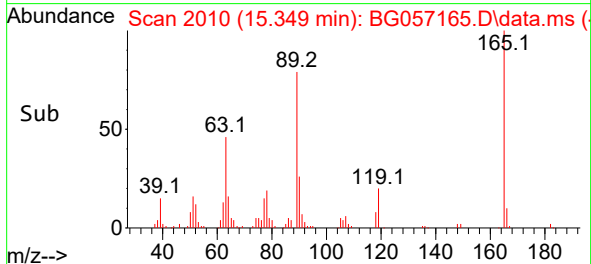
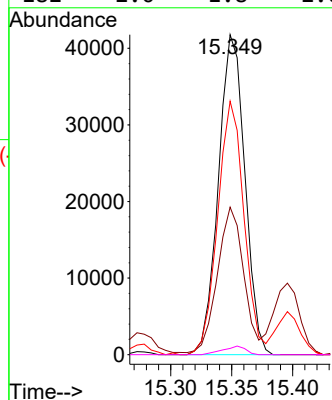
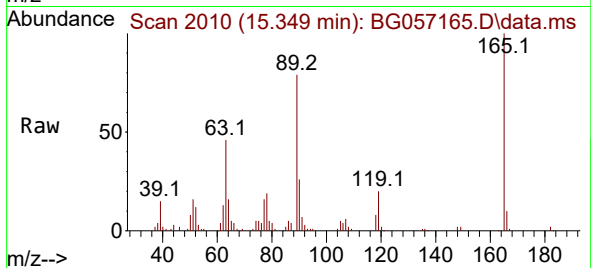




#57
2,4-Dinitrotoluene
Concen: 52.130 ng
RT: 15.349 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

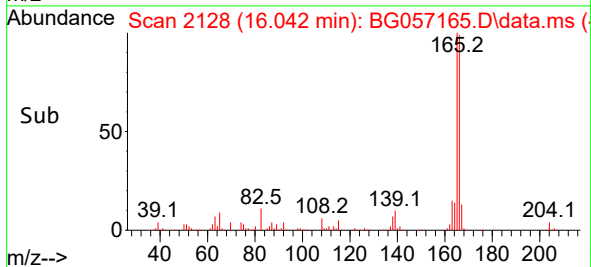
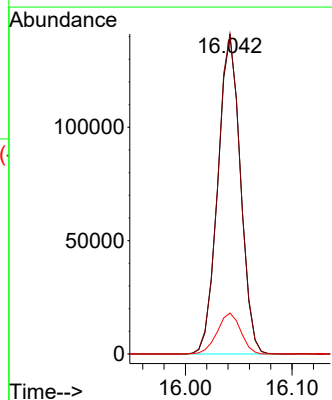
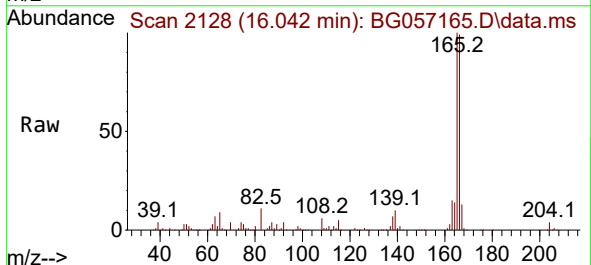
Instrument :
BNA_G
ClientSampleId :
PB152297BS

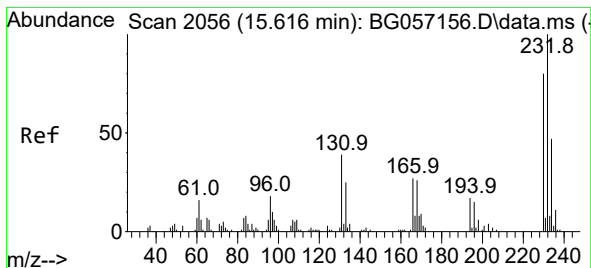
Tgt Ion:165 Resp: 63079
Ion Ratio Lower Upper
165 100
63 46.1 33.0 49.4
89 79.2 60.0 90.0
182 2.0 1.8 2.6



#58
Fluorene
Concen: 44.620 ng
RT: 16.042 min Scan# 2128
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:166 Resp: 205991
Ion Ratio Lower Upper
166 100
165 100.6 79.8 119.6
167 12.9 10.7 16.1

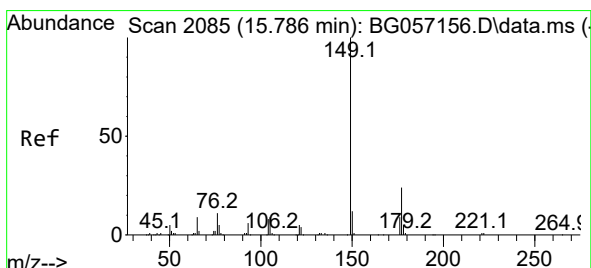
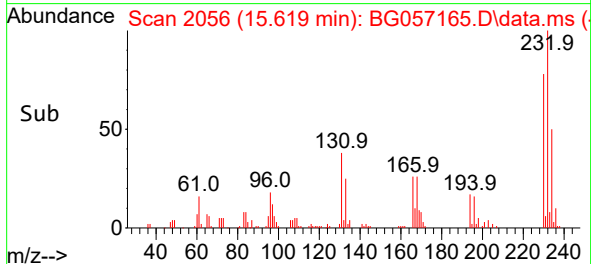
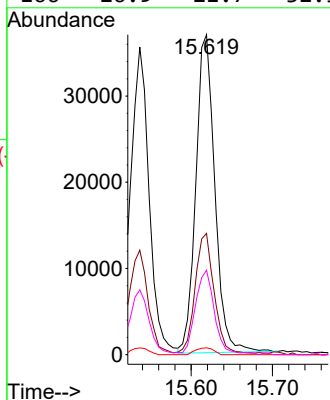
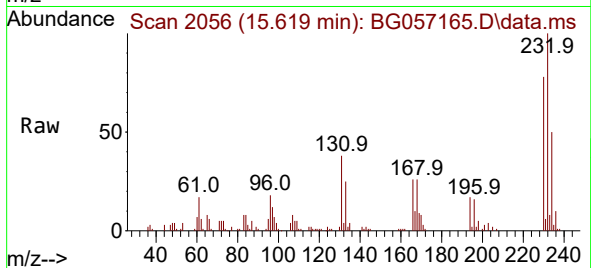




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.270 ng
RT: 15.619 min Scan# 2056
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

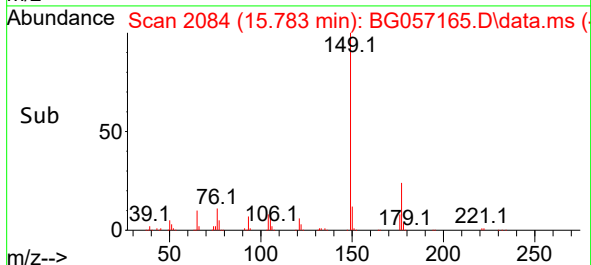
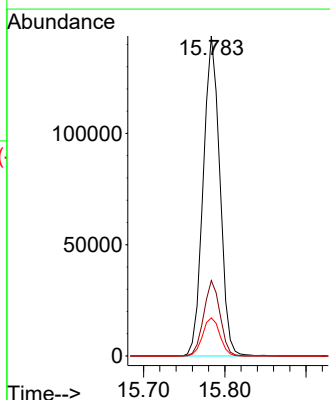
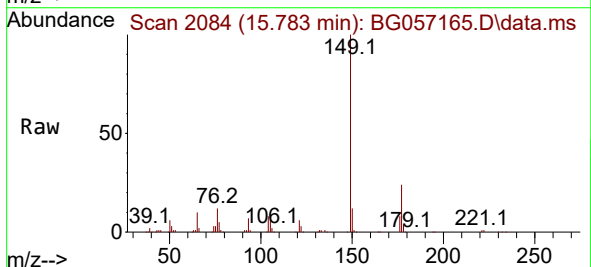
Instrument :
BNA_G
ClientSampleId :
PB152297BS

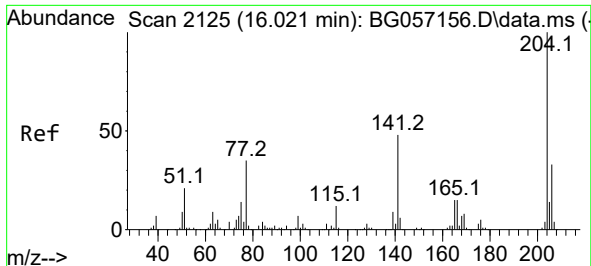
Tgt Ion:232 Resp: 59975
Ion Ratio Lower Upper
232 100
131 37.8 30.8 46.2
130 2.1 1.6 2.4
166 26.9 21.7 32.5



#60
Diethylphthalate
Concen: 49.604 ng
RT: 15.783 min Scan# 2084
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:149 Resp: 203534
Ion Ratio Lower Upper
149 100
177 23.6 19.0 28.4
150 11.9 9.8 14.8

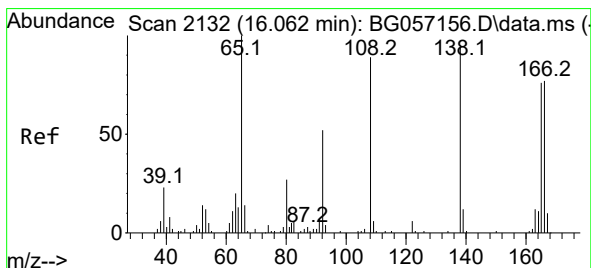
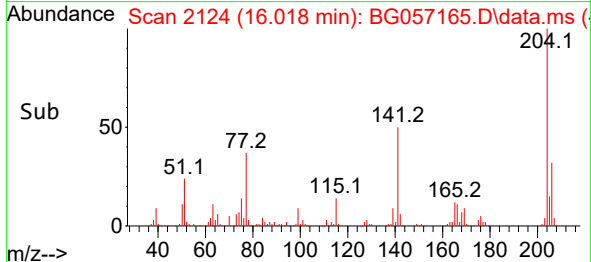
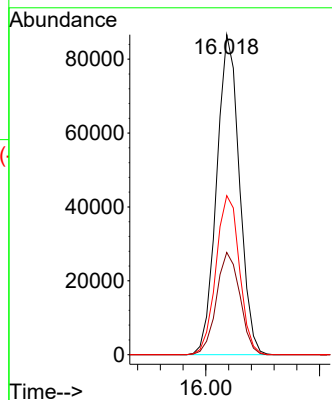
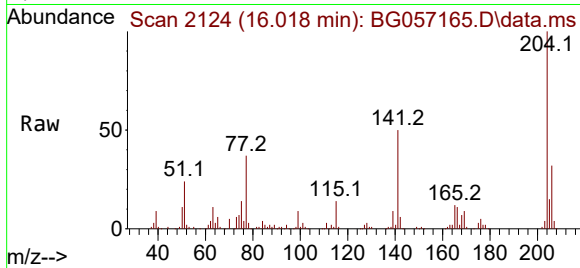




#61
4-Chlorophenyl-phenylether
Concen: 43.430 ng
RT: 16.018 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

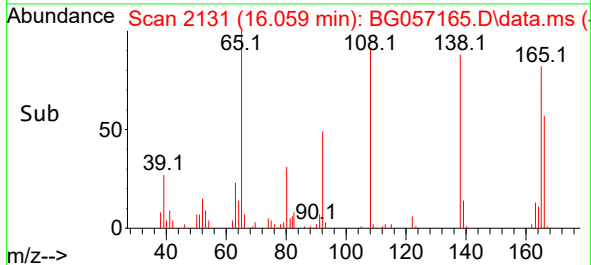
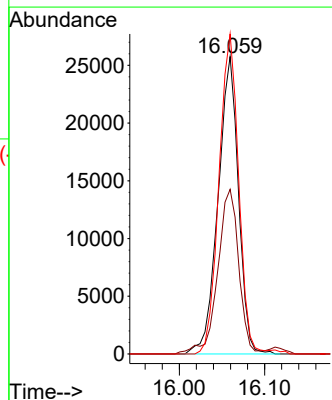
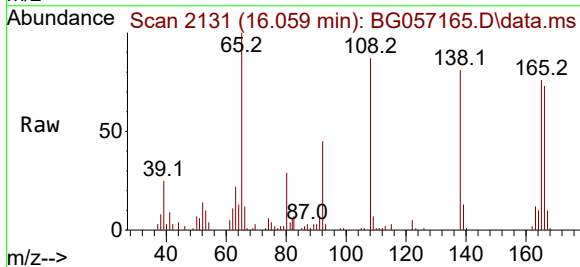
Instrument :
BNA_G
ClientSampleId :
PB152297BS

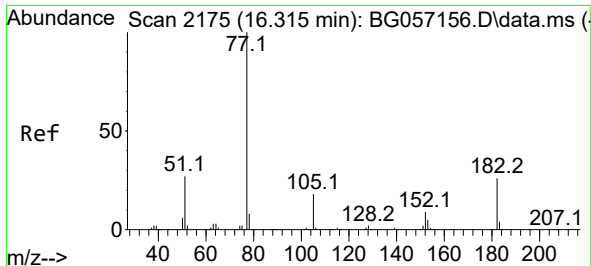
Tgt Ion:204 Resp: 120340
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 49.7 38.6 57.8



#62
4-Nitroaniline
Concen: 48.010 ng
RT: 16.059 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:138 Resp: 42654
Ion Ratio Lower Upper
138 100
92 55.3 34.9 74.9
108 107.6 73.0 113.0

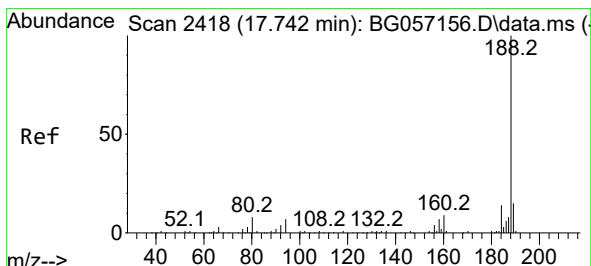
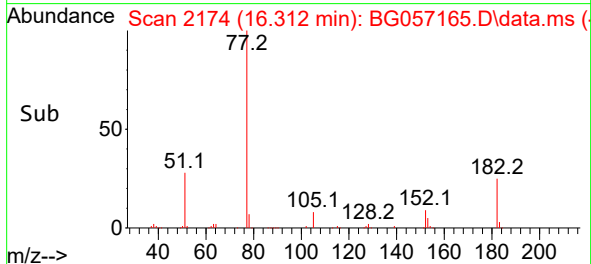
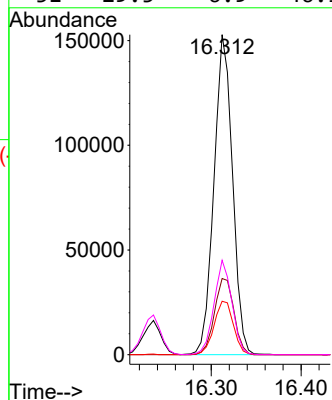
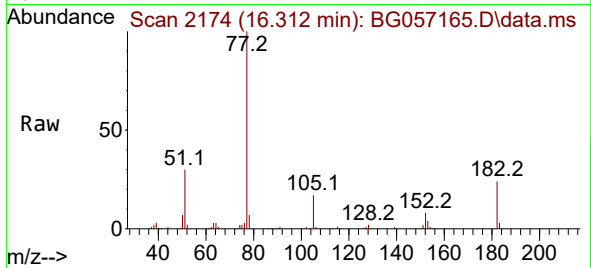




#63
Azobenzene
Concen: 50.224 ng
RT: 16.312 min Scan# 2175
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

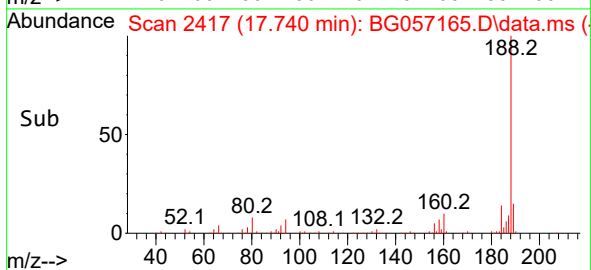
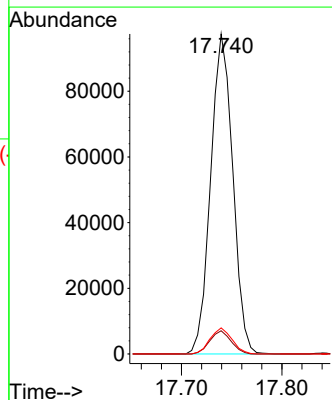
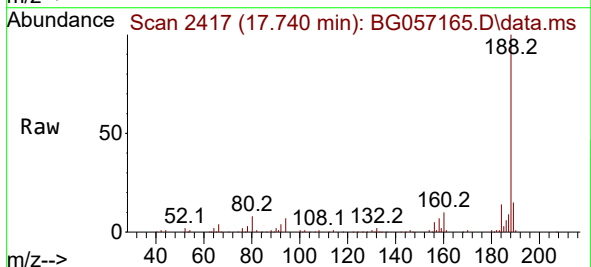
Instrument :
BNA_G
ClientSampleId :
PB152297BS

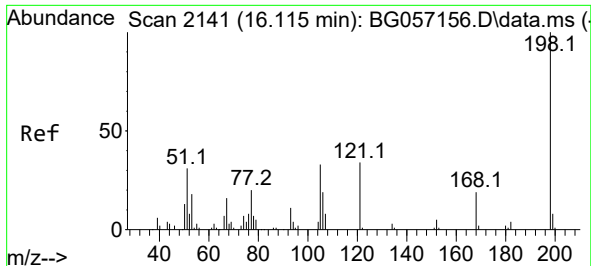
Tgt Ion: 77 Resp: 219222
Ion Ratio Lower Upper
77 100
182 23.8 6.1 46.1
105 16.7 0.0 38.4
51 29.5 6.9 46.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.740 min Scan# 2417
Delta R.T. -0.002 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion: 188 Resp: 149110
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 8.2 6.2 9.2

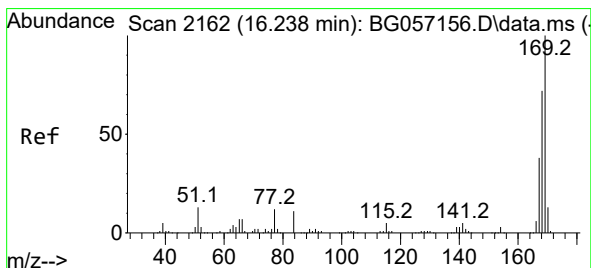
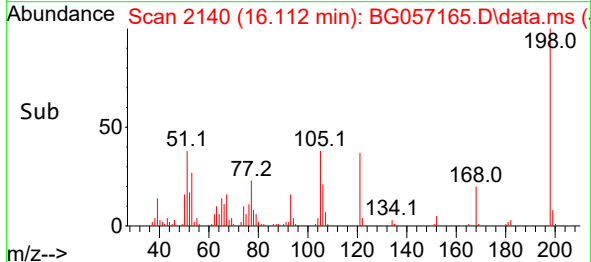
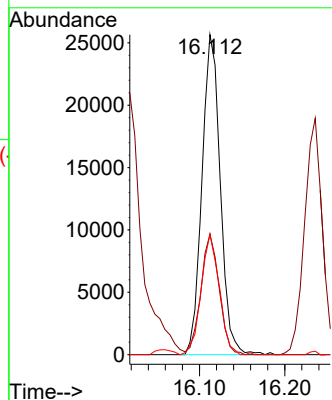
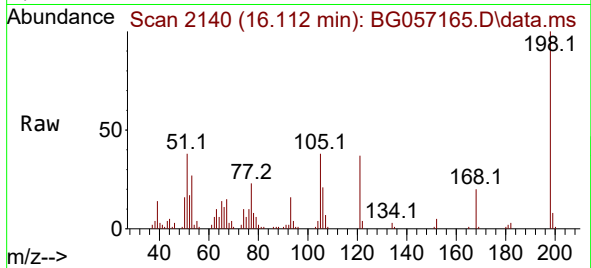




#65
4,6-Dinitro-2-methylphenol
Concen: 49.332 ng
RT: 16.112 min Scan# 2141
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

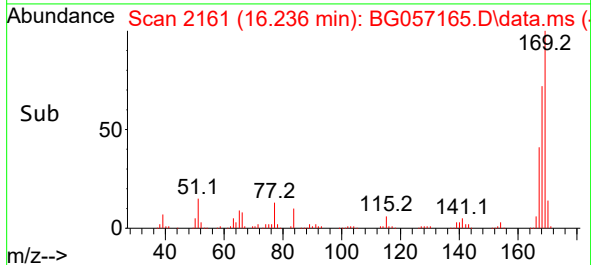
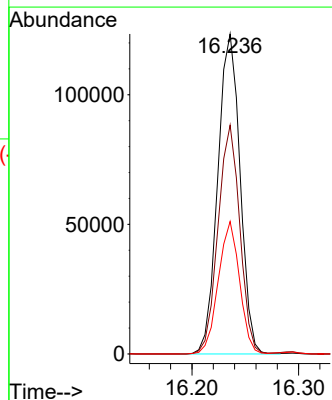
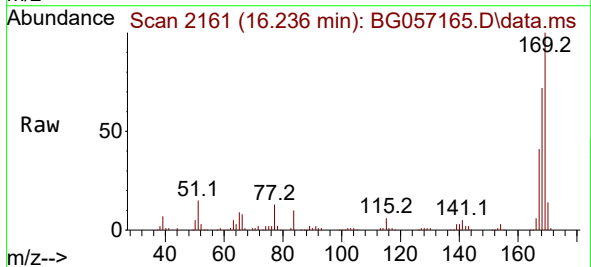
Instrument :
BNA_G
ClientSampleId :
PB152297BS

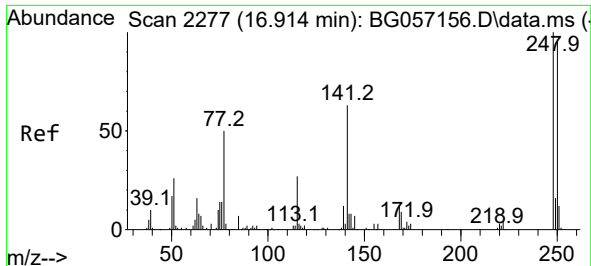
Tgt Ion:198 Resp: 38295
Ion Ratio Lower Upper
198 100
51 37.7 13.1 53.1
105 37.6 14.1 54.1



#66
n-Nitrosodiphenylamine
Concen: 45.989 ng
RT: 16.236 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:169 Resp: 178928
Ion Ratio Lower Upper
169 100
168 71.5 57.8 86.6
167 41.4 30.5 45.7

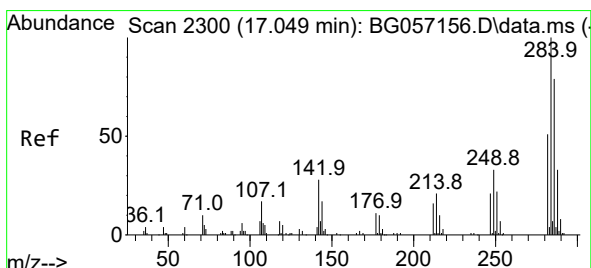
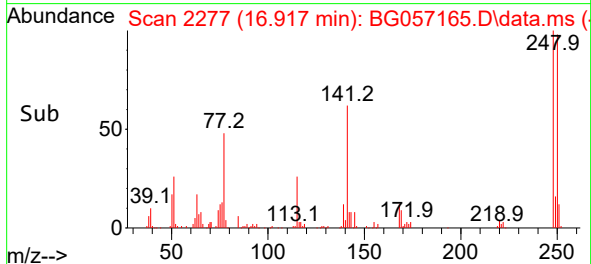
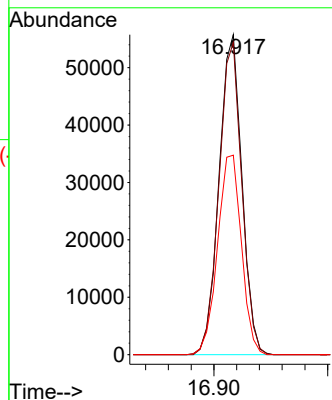
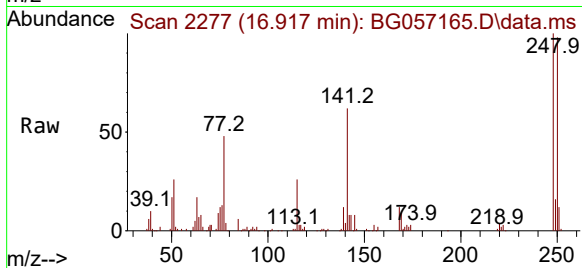




#67
4-Bromophenyl-phenylether
Concen: 43.376 ng
RT: 16.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

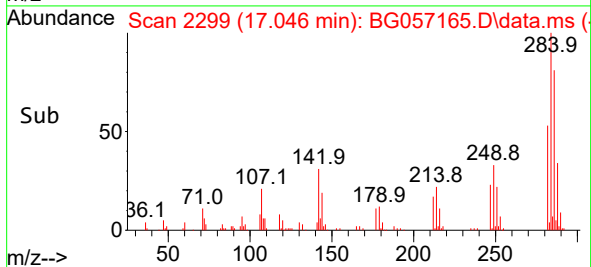
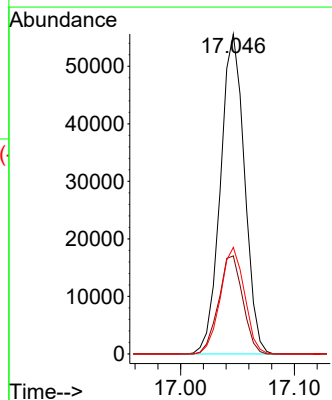
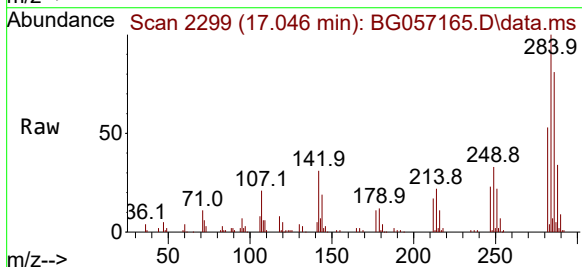
Instrument :
BNA_G
ClientSampleId :
PB152297BS

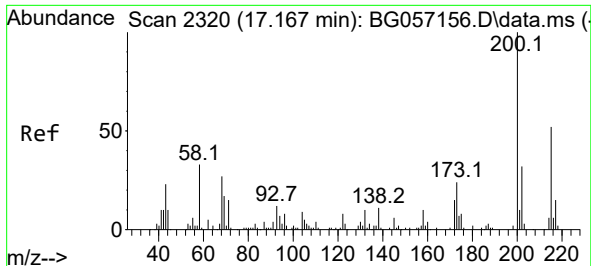
Tgt Ion:248 Resp: 77780
Ion Ratio Lower Upper
248 100
250 97.5 75.8 113.8
141 62.3 50.1 75.1



#68
Hexachlorobenzene
Concen: 44.407 ng
RT: 17.046 min Scan# 2299
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:284 Resp: 81676
Ion Ratio Lower Upper
284 100
142 30.7 22.6 33.8
249 33.3 26.6 40.0

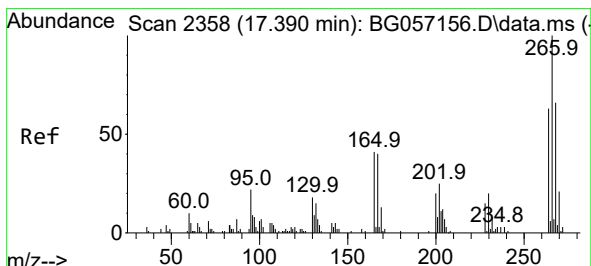
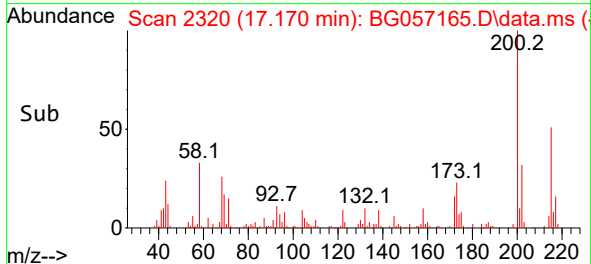
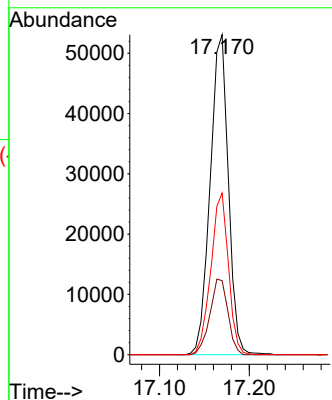
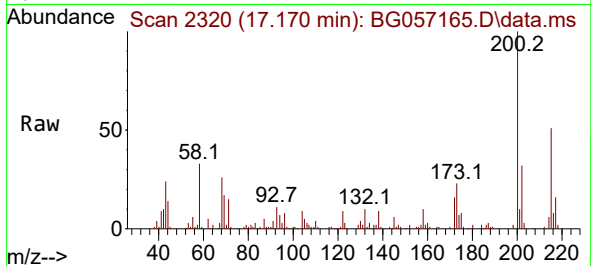




#69
 Atrazine
 Concen: 60.084 ng
 RT: 17.170 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057165.D
 Acq: 25 Apr 2023 00:12

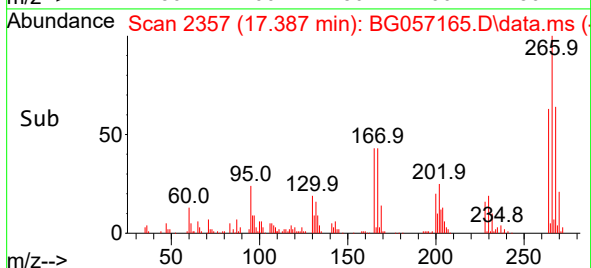
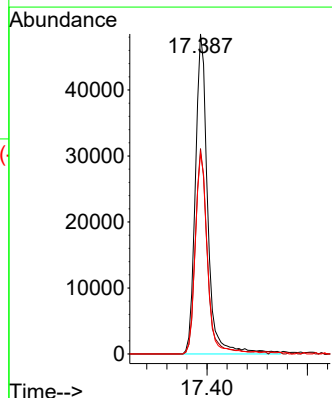
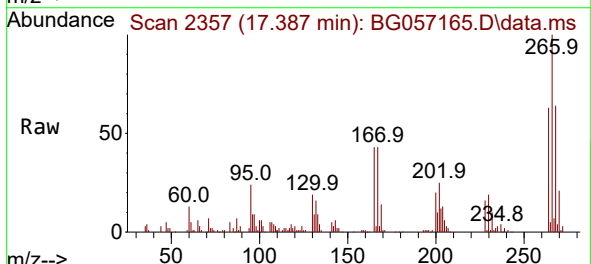
Instrument :
 BNA_G
 ClientSampleId :
 PB152297BS

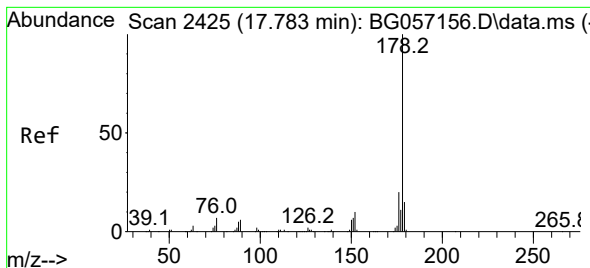
Tgt Ion:200 Resp: 74666
 Ion Ratio Lower Upper
 200 100
 173 23.1 4.2 44.2
 215 50.5 31.8 71.8



#70
 Pentachlorophenol
 Concen: 95.419 ng
 RT: 17.387 min Scan# 2357
 Delta R.T. -0.003 min
 Lab File: BG057165.D
 Acq: 25 Apr 2023 00:12

Tgt Ion:266 Resp: 82476
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.5 78.7
 264 62.8 50.7 76.1





#71

Phenanthrene

Concen: 45.749 ng

RT: 17.787 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

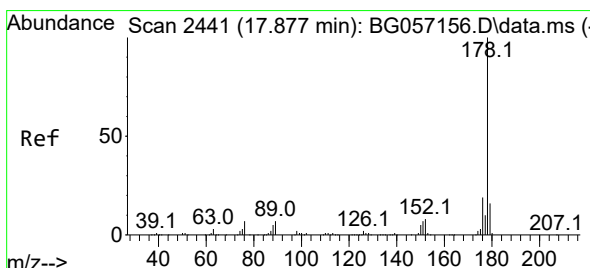
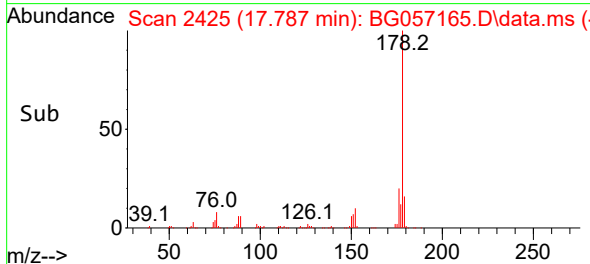
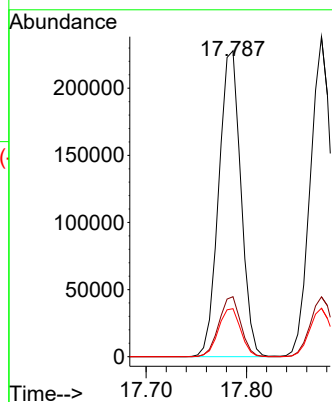
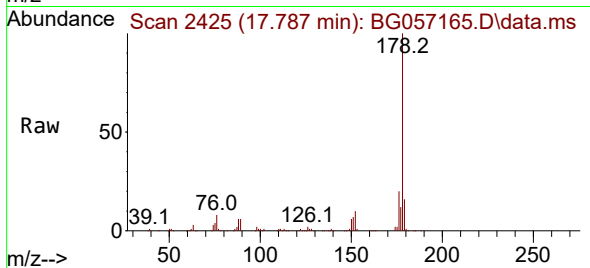
Tgt Ion:178 Resp: 348254

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.7 12.4 18.6



#72

Anthracene

Concen: 45.835 ng

RT: 17.875 min Scan# 2440

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

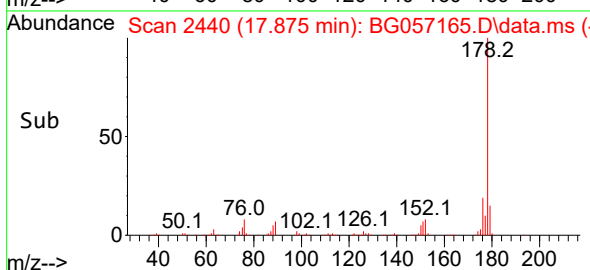
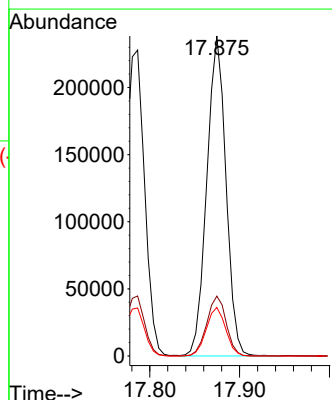
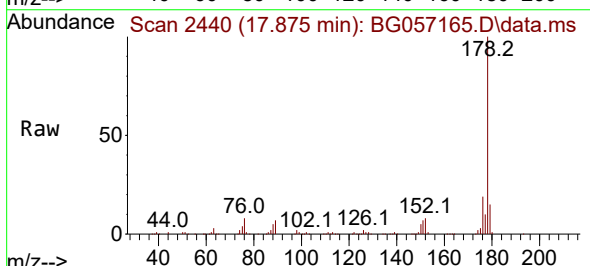
Tgt Ion:178 Resp: 352790

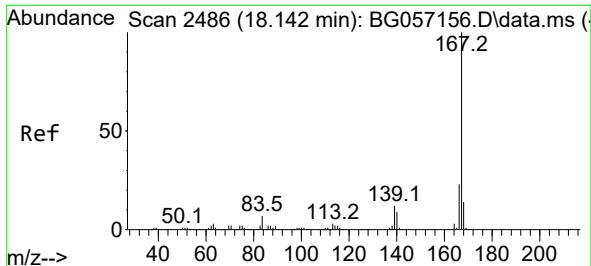
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.1 12.5 18.7

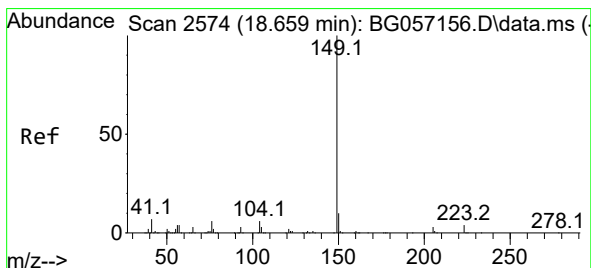
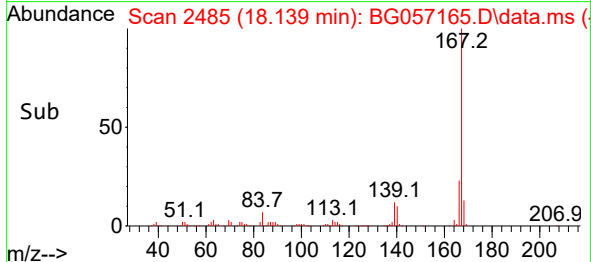
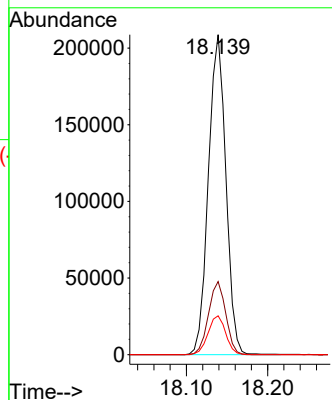
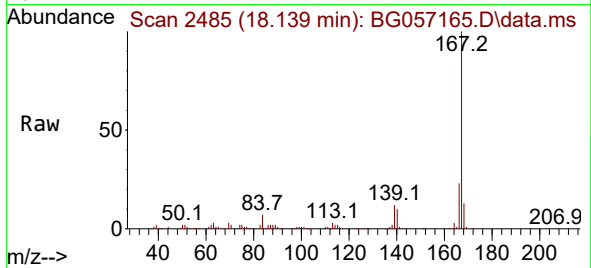




#73
 Carbazole
 Concen: 47.990 ng
 RT: 18.139 min Scan# 2485
 Delta R.T. -0.003 min
 Lab File: BG057165.D
 Acq: 25 Apr 2023 00:12

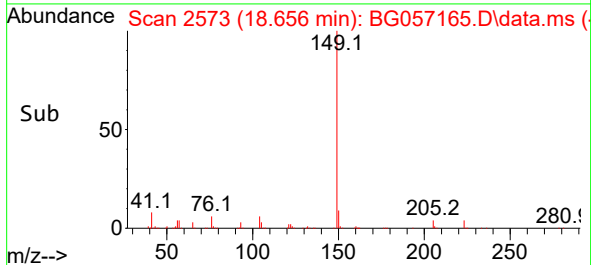
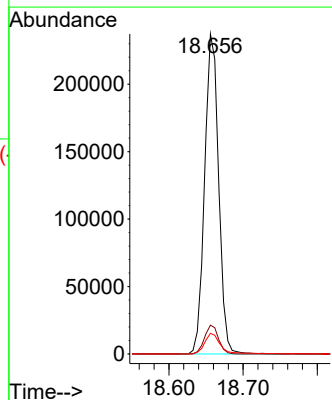
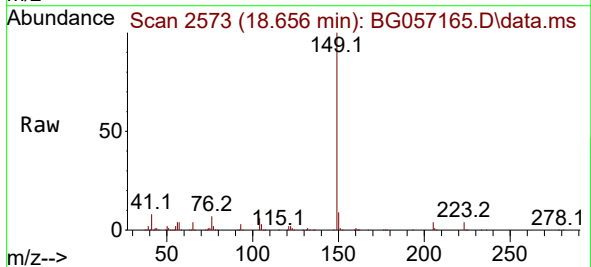
Instrument :
 BNA_G
 ClientSampleId :
 PB152297BS

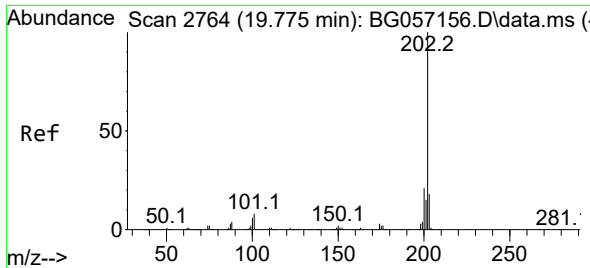
Tgt Ion:167 Resp: 311790
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.3 27.5
 139 12.1 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 51.476 ng
 RT: 18.656 min Scan# 2573
 Delta R.T. -0.003 min
 Lab File: BG057165.D
 Acq: 25 Apr 2023 00:12

Tgt Ion:149 Resp: 311093
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 6.4 4.7 7.1

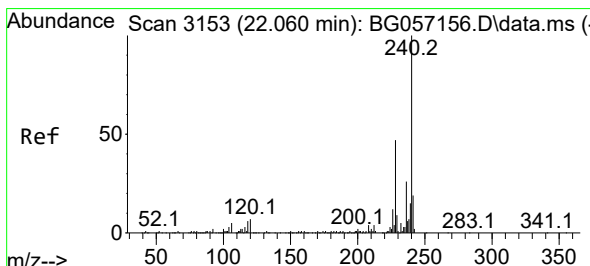
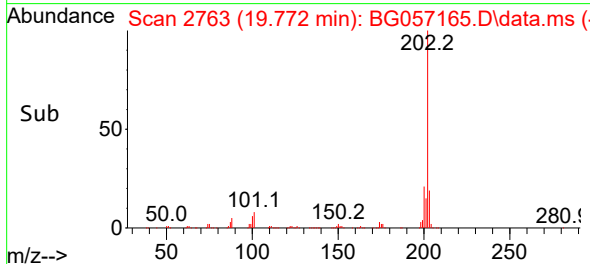
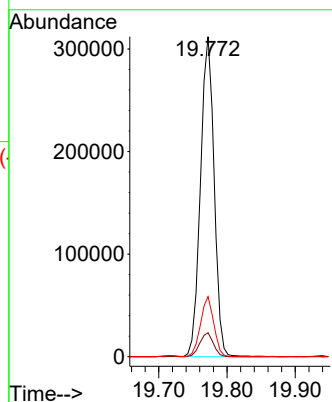
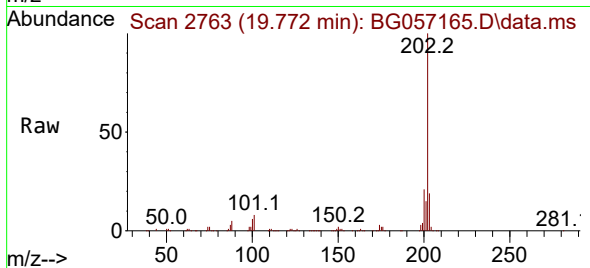




#75
Fluoranthene
Concen: 45.916 ng
RT: 19.772 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

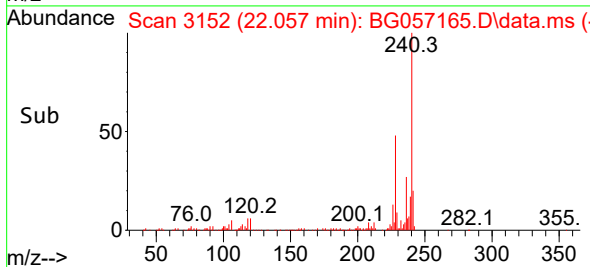
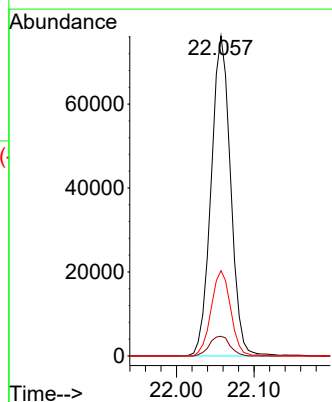
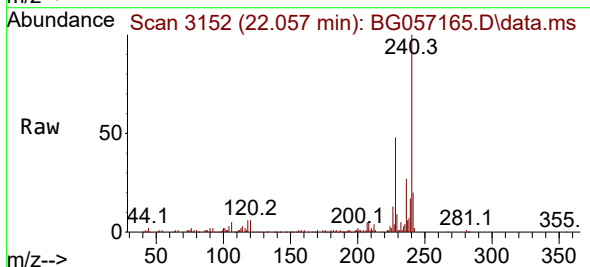
Instrument :
BNA_G
ClientSampleId :
PB152297BS

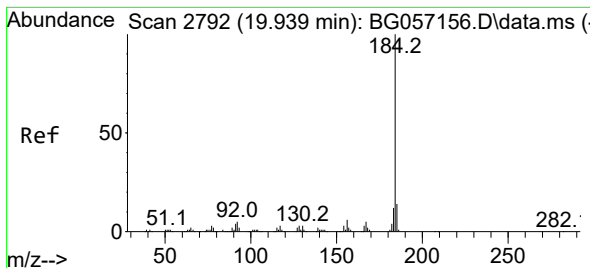
Tgt Ion:202 Resp: 434233
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.6
203 18.8 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.057 min Scan# 3152
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:240 Resp: 132799
Ion Ratio Lower Upper
240 100
120 6.2 5.5 8.3
236 26.7 20.8 31.2





#77

Benzidine

Concen: 72.024 ng

RT: 19.937 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

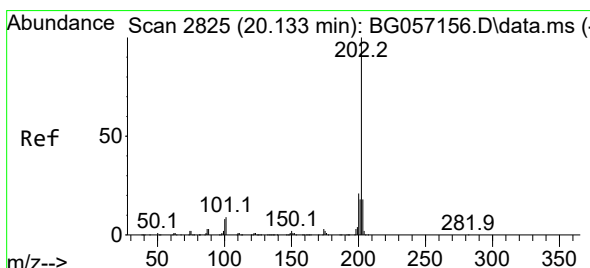
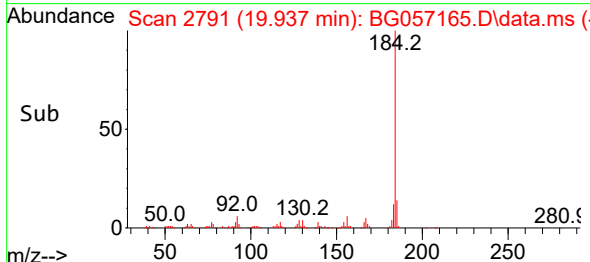
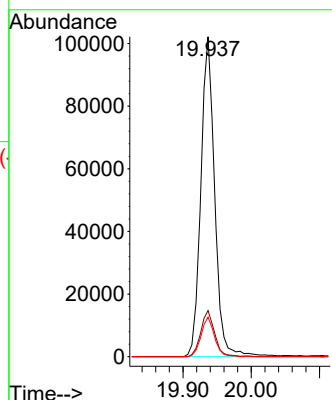
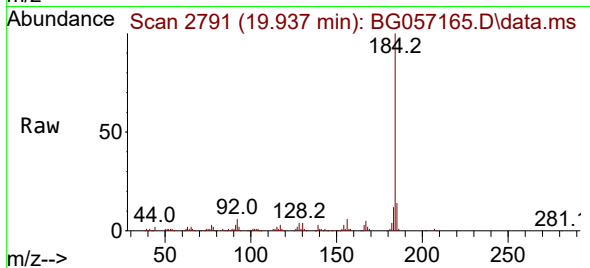
Tgt Ion:184 Resp: 144128

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 12.4 9.4 14.0



#78

Pyrene

Concen: 48.155 ng

RT: 20.130 min Scan# 2824

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

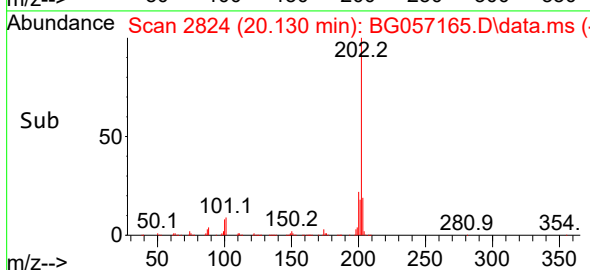
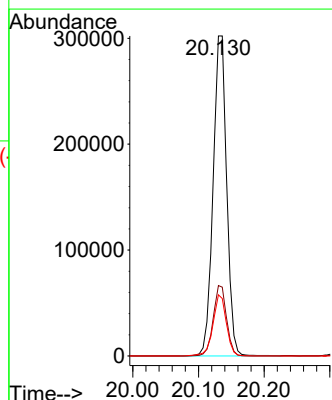
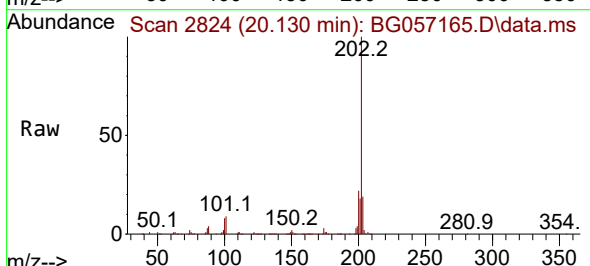
Tgt Ion:202 Resp: 434179

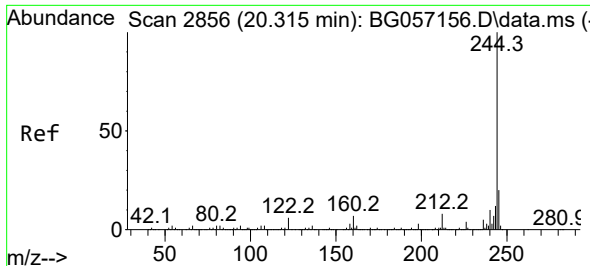
Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.4

203 19.1 14.7 22.1

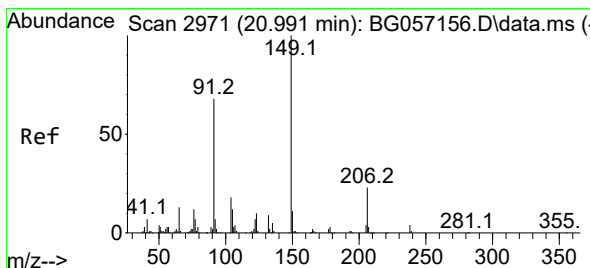
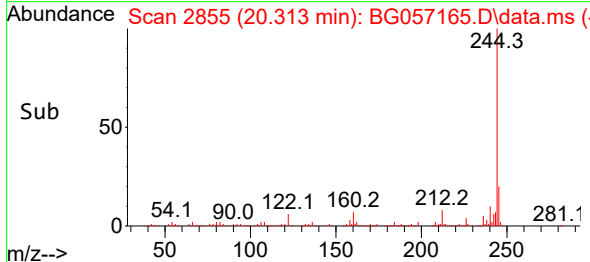
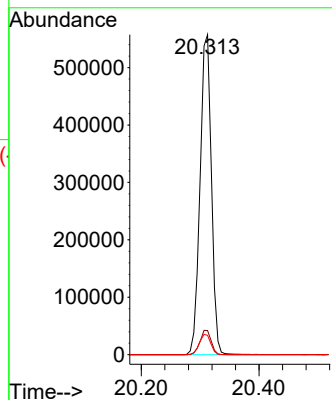
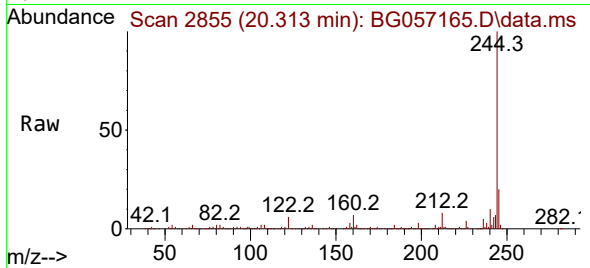




#79
 Terphenyl-d14
 Concen: 98.142 ng
 RT: 20.313 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057165.D
 Acq: 25 Apr 2023 00:12

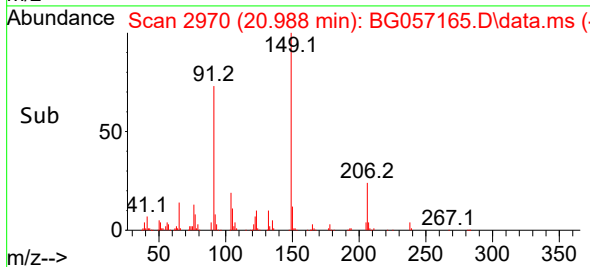
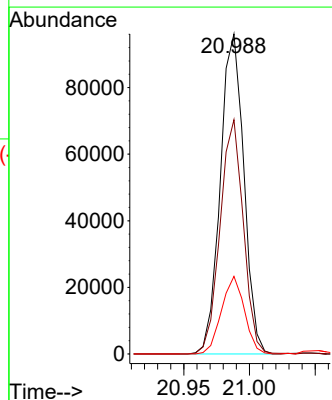
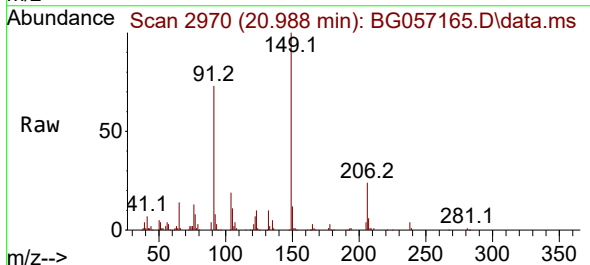
Instrument :
 BNA_G
 ClientSampleId :
 PB152297BS

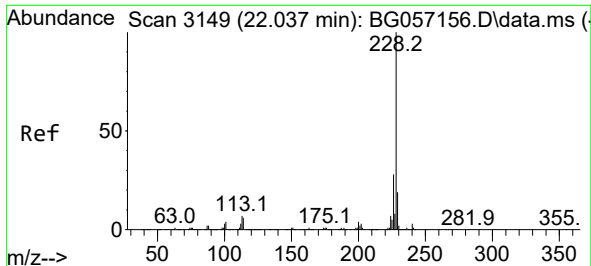
Tgt Ion:244 Resp: 745129
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 6.1 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 50.765 ng
 RT: 20.988 min Scan# 2970
 Delta R.T. -0.003 min
 Lab File: BG057165.D
 Acq: 25 Apr 2023 00:12

Tgt Ion:149 Resp: 119689
 Ion Ratio Lower Upper
 149 100
 91 73.2 54.1 81.1
 206 24.3 18.2 27.2

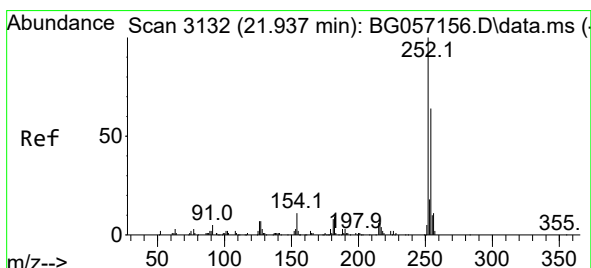
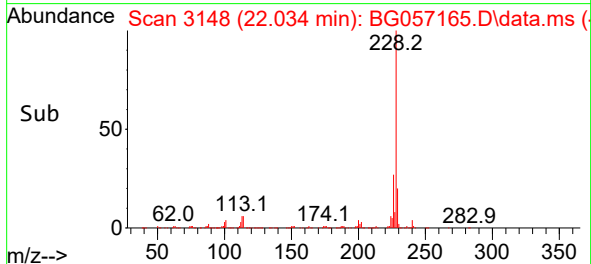
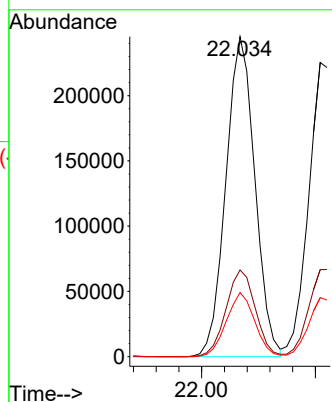
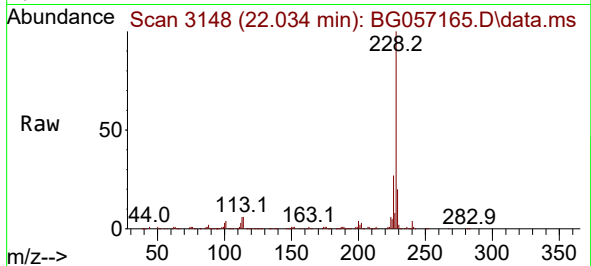




#81
Benzo(a)anthracene
Concen: 47.541 ng
RT: 22.034 min Scan# 3149
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

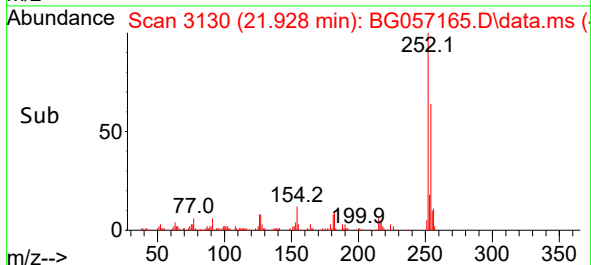
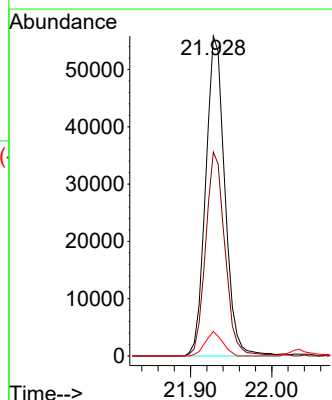
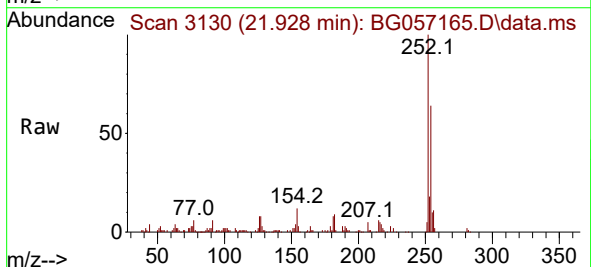
Instrument :
BNA_G
ClientSampleId :
PB152297BS

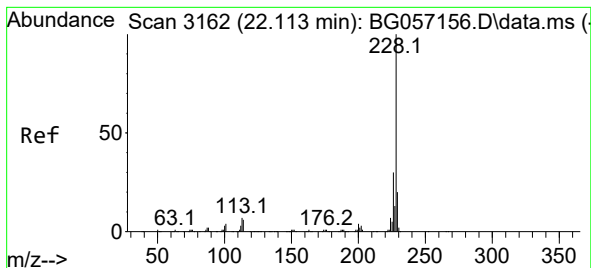
Tgt Ion:228 Resp: 434079
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 20.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 38.180 ng
RT: 21.928 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:252 Resp: 91240
Ion Ratio Lower Upper
252 100
254 63.7 50.9 76.3
126 7.7 5.9 8.9





#83

Chrysene

Concen: 45.169 ng

RT: 22.104 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

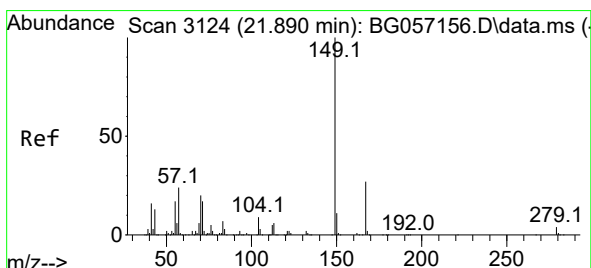
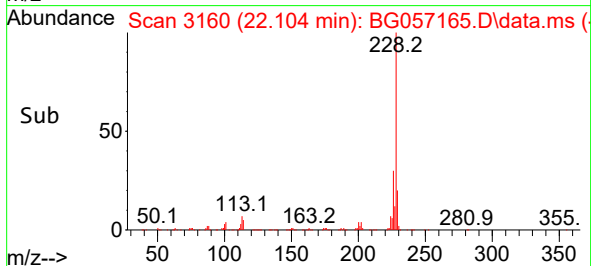
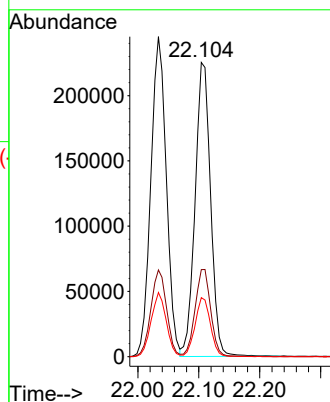
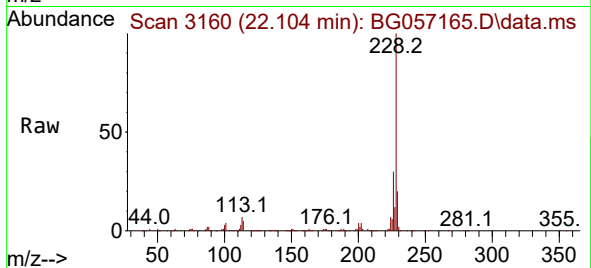
Tgt Ion:228 Resp: 397724

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.047 ng

RT: 21.881 min Scan# 3122

Delta R.T. -0.009 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

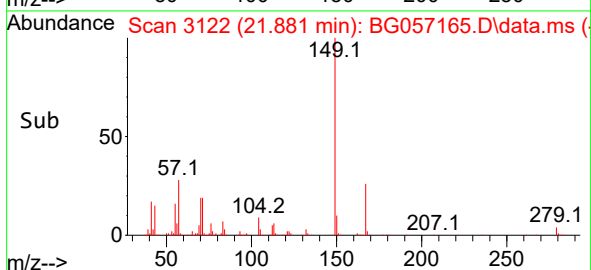
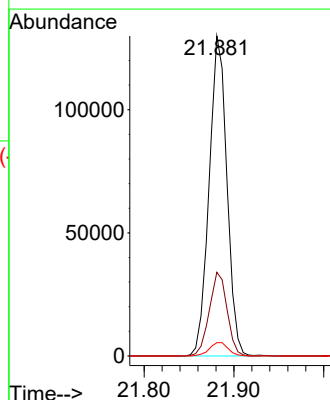
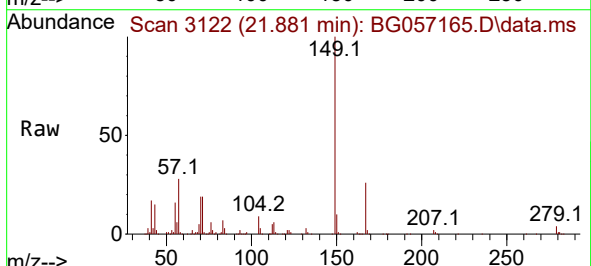
Tgt Ion:149 Resp: 178782

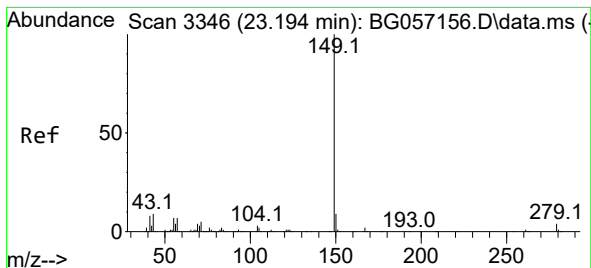
Ion Ratio Lower Upper

149 100

167 26.1 21.9 32.9

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.630 ng

RT: 23.185 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

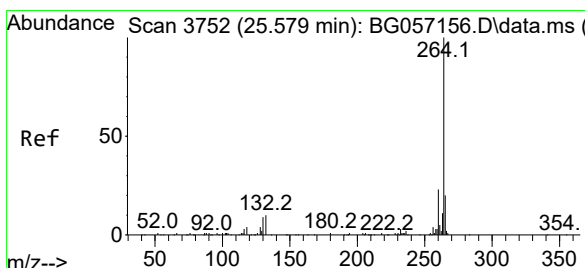
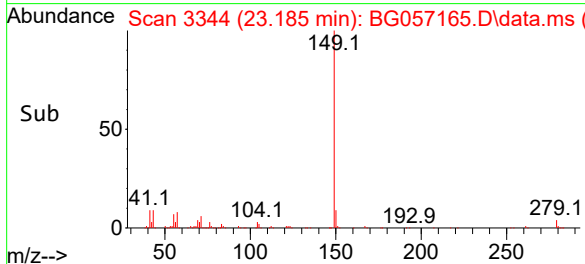
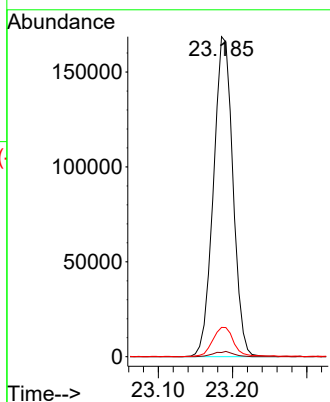
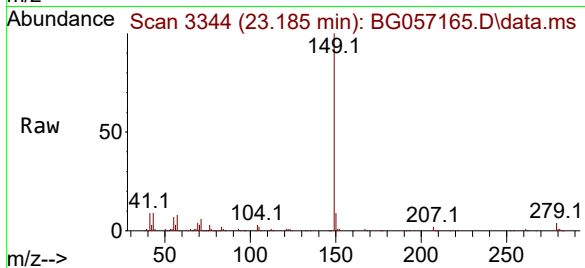
Tgt Ion:149 Resp: 307510

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.2 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.576 min Scan# 3751

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

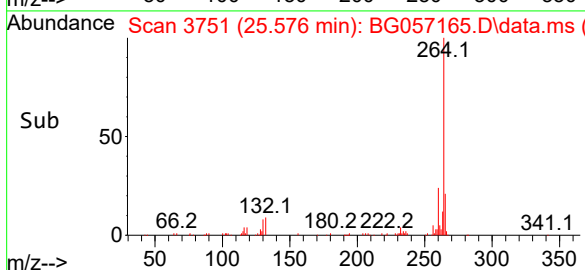
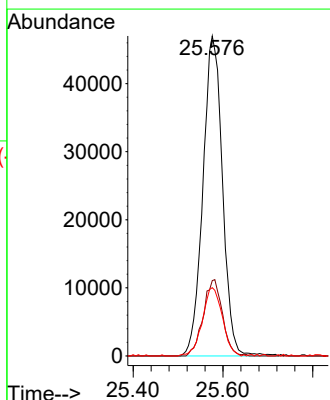
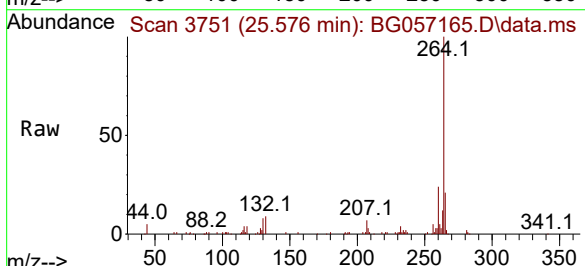
Tgt Ion:264 Resp: 141916

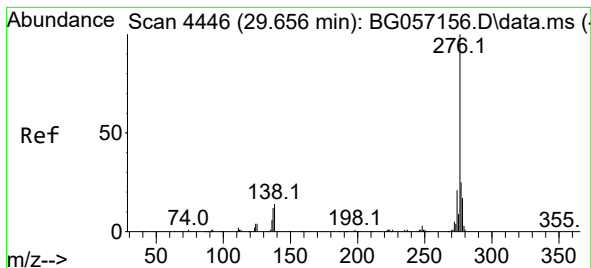
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.4 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.618 ng

RT: 29.653 min Scan# 4445

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

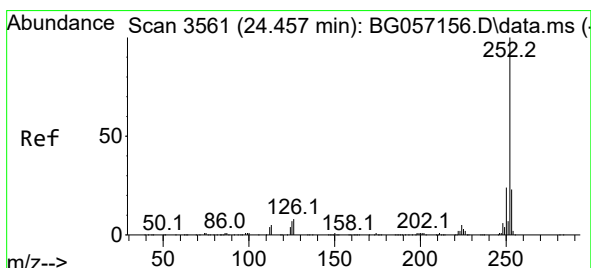
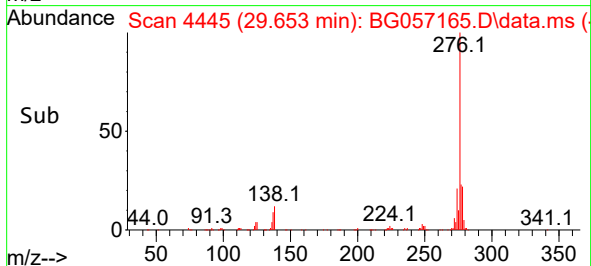
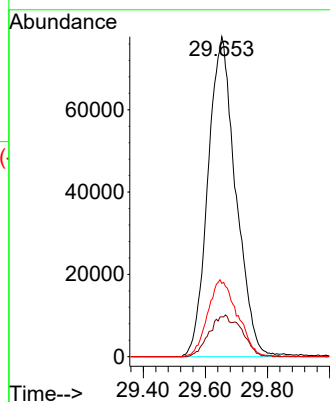
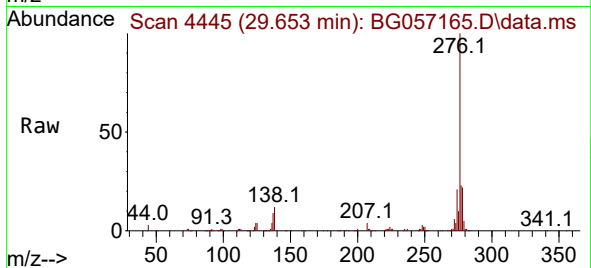
Tgt Ion:276 Resp: 484073

Ion Ratio Lower Upper

276 100

138 15.1 13.8 20.6

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.187 ng

RT: 24.448 min Scan# 3559

Delta R.T. -0.009 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

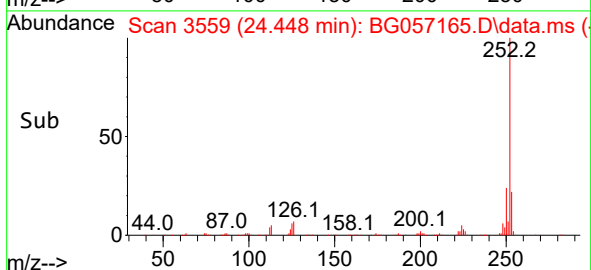
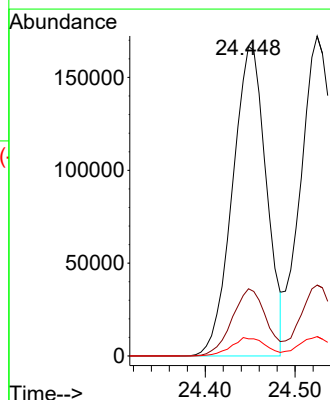
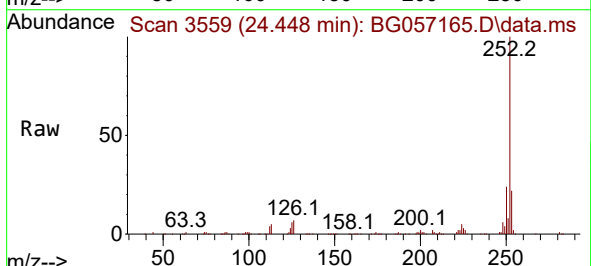
Tgt Ion:252 Resp: 437565

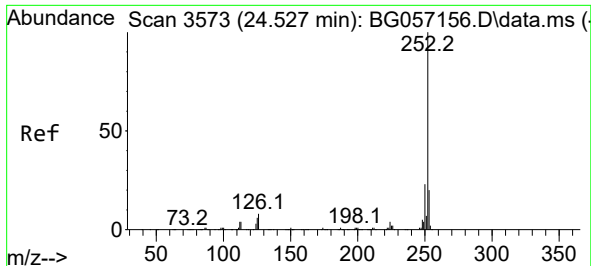
Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 5.5 5.3 7.9

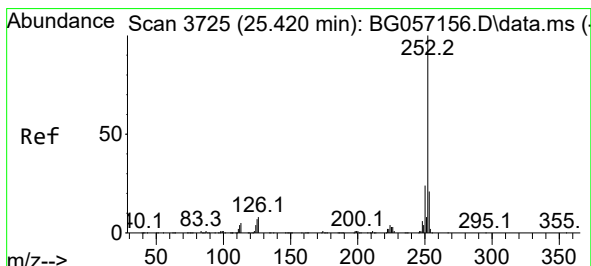
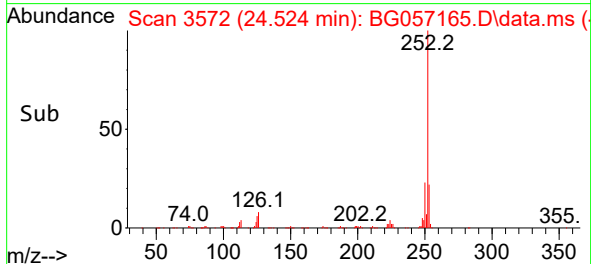
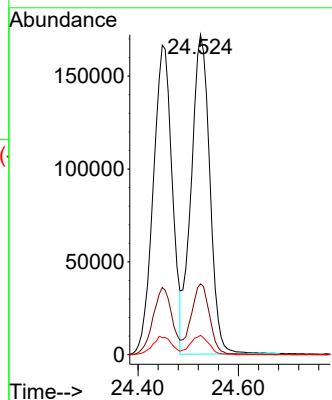
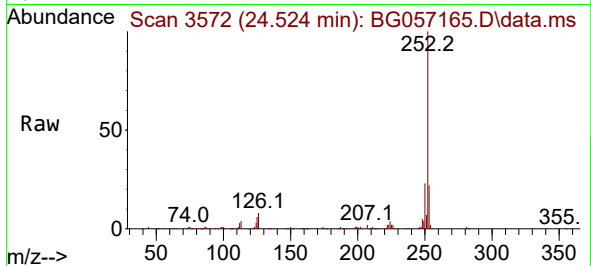




#89
Benzo(k)fluoranthene
Concen: 48.160 ng
RT: 24.524 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

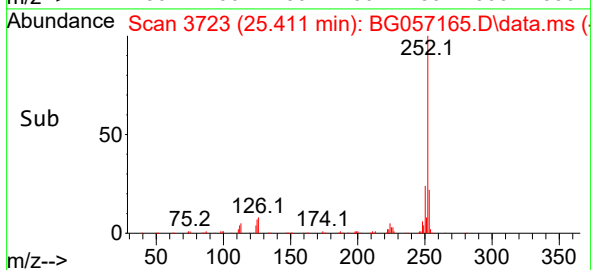
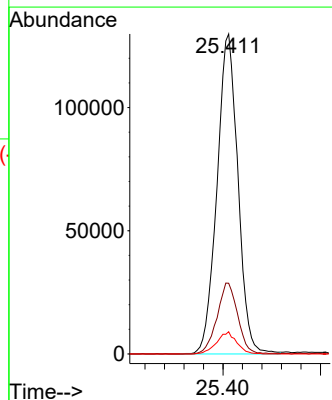
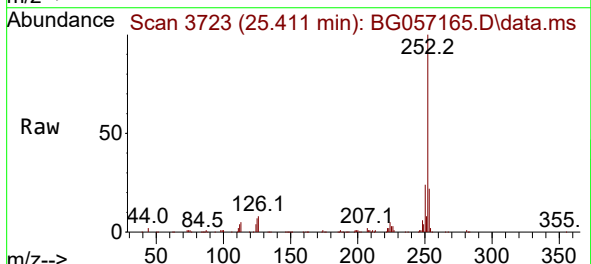
Instrument :
BNA_G
ClientSampleId :
PB152297BS

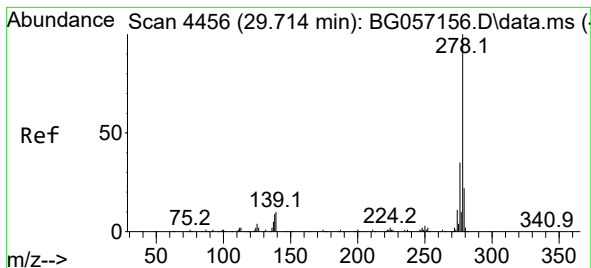
Tgt Ion:252 Resp: 443161
Ion Ratio Lower Upper
252 100
253 22.1 16.7 25.1
125 6.0 5.0 7.6



#90
Benzo(a)pyrene
Concen: 44.216 ng
RT: 25.411 min Scan# 3723
Delta R.T. -0.009 min
Lab File: BG057165.D
Acq: 25 Apr 2023 00:12

Tgt Ion:252 Resp: 387425
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 6.9 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 47.603 ng

RT: 29.712 min Scan# 4455

Delta R.T. -0.003 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Instrument :

BNA_G

ClientSampleId :

PB152297BS

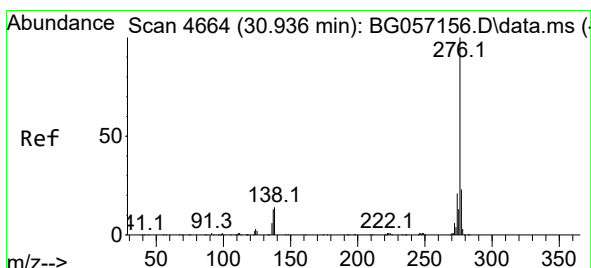
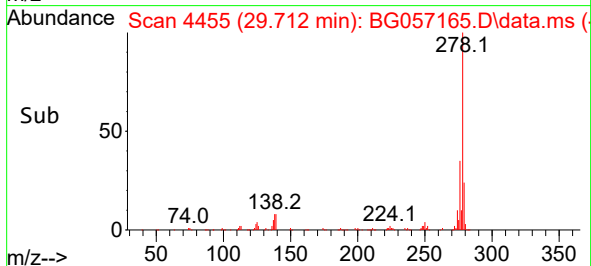
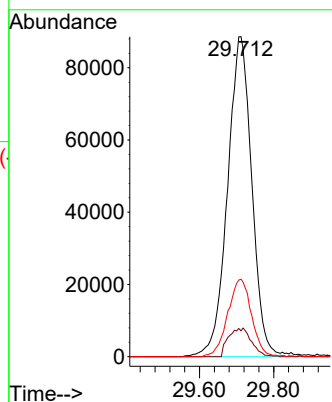
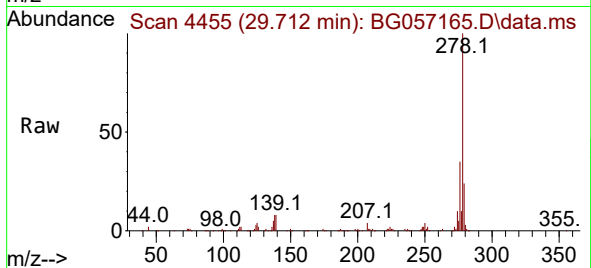
Tgt Ion:278 Resp: 401807

Ion Ratio Lower Upper

278 100

139 8.1 7.9 11.9

279 24.2 17.7 26.5



#92

Benzo(g,h,i)perylene

Concen: 46.684 ng

RT: 30.928 min Scan# 4662

Delta R.T. -0.009 min

Lab File: BG057165.D

Acq: 25 Apr 2023 00:12

Tgt Ion:276 Resp: 389876

Ion Ratio Lower Upper

276 100

277 24.3 18.5 27.7

138 12.3 11.5 17.3

