

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057106.D
 Acq On : 14 Apr 2023 19:13
 Operator : CG/JU
 Sample : 02341-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MSD

Quant Time: Apr 15 02:48:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	18296	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	72699	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	49094	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	110989	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	95434	20.000	ng	# 0.00
86) Perylene-d12	25.609	264	101601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	133487	116.768	ng	0.00
7) Phenol-d6	7.539	99	188384	110.181	ng	0.00
23) Nitrobenzene-d5	9.583	82	118766	66.846	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	83800	106.848	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	249035	68.785	ng	0.00
79) Terphenyl-d14	20.322	244	426762	75.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.721	88	20900	41.706	ng	98
3) Pyridine	4.144	79	59587	36.917	ng	96
4) n-Nitrosodimethylamine	4.050	42	29953	40.363	ng	97
6) Aniline	7.715	93	57608	26.356	ng	99
8) 2-Chlorophenol	7.962	128	59738	52.463	ng	92
9) Benzaldehyde	7.527	77	45222	42.169	ng	92
10) Phenol	7.568	94	85259	50.325	ng	90
11) bis(2-Chloroethyl)ether	7.803	93	56854	47.112	ng	97
12) 1,3-Dichlorobenzene	8.291	146	62548	49.713	ng	98
13) 1,4-Dichlorobenzene	8.438	146	64076	50.460	ng	99
14) 1,2-Dichlorobenzene	8.767	146	60028	48.930	ng	97
15) Benzyl Alcohol	8.638	79	60613	42.665	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.920	45	72412	49.789	ng	96
17) 2-Methylphenol	8.837	107	56435	46.692	ng	86
18) Hexachloroethane	9.507	117	23065	49.695	ng	93
19) n-Nitroso-di-n-propyla...	9.201	70	50747	41.496	ng	99
20) 3+4-Methylphenols	9.166	107	75764	44.827	ng	92
22) Acetophenone	9.231	105	92995	42.989	ng	# 93
24) Nitrobenzene	9.624	77	77867	42.867	ng	95
25) Isophorone	10.141	82	132149	39.059	ng	98
26) 2-Nitrophenol	10.341	139	31912	45.514	ng	90
27) 2,4-Dimethylphenol	10.382	122	56091	45.310	ng	92
28) bis(2-Chloroethoxy)met...	10.617	93	74110	43.753	ng	97
29) 2,4-Dichlorophenol	10.882	162	59242	44.498	ng	95
30) 1,2,4-Trichlorobenzene	11.099	180	65425	46.250	ng	94
31) Naphthalene	11.293	128	175553	44.303	ng	98
32) Benzoic acid	10.523	122	35581	41.842	ng	86
33) 4-Chloroaniline	11.393	127	36884	20.609	ng	96
34) Hexachlorobutadiene	11.569	225	44303	41.693	ng	97
35) Caprolactam	12.162	113	14642	31.890	ng	88
36) 4-Chloro-3-methylphenol	12.485	107	62378	41.896	ng	91
37) 2-Methylnaphthalene	12.867	142	126219	40.134	ng	94
38) 1-Methylnaphthalene	13.084	142	117490	39.785	ng	96
40) 1,2,4,5-Tetrachloroben...	13.225	216	79881	46.921	ng	99
41) Hexachlorocyclopentadiene	13.202	237	56587	60.327	ng	99
43) 2,4,6-Trichlorophenol	13.460	196	51579	47.478	ng	98

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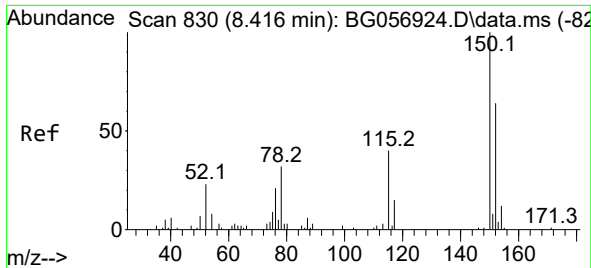
Quant Time: Apr 15 02:48:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	56067	43.564	ng	95
46) 1,1'-Biphenyl	13.854	154	173581	48.300	ng	99
47) 2-Chloronaphthalene	13.907	162	133550	50.245	ng	99
48) 2-Nitroaniline	14.101	65	43531	45.802	ng	98
49) Acenaphthylene	14.741	152	206701	47.331	ng	99
50) Dimethylphthalate	14.453	163	166661	43.084	ng	98
51) 2,6-Dinitrotoluene	14.577	165	37359	44.700	ng	96
52) Acenaphthene	15.082	154	141622	47.021	ng	98
53) 3-Nitroaniline	14.911	138	27060	32.710	ng	86
54) 2,4-Dinitrophenol	15.117	184	24648	52.395	ng	95
55) Dibenzofuran	15.411	168	202763	44.854	ng	98
56) 4-Nitrophenol	15.211	139	59886	97.895	ng	# 82
57) 2,4-Dinitrotoluene	15.364	165	52740	44.741	ng	95
58) Fluorene	16.057	166	165281	44.185	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.634	232	49865	42.554	ng	# 96
60) Diethylphthalate	15.798	149	167341	43.152	ng	99
61) 4-Chlorophenyl-phenyle...	16.033	204	93153	42.415	ng	98
62) 4-Nitroaniline	16.075	138	34372	40.102	ng	# 82
63) Azobenzene	16.327	77	180946	46.821	ng	97
65) 4,6-Dinitro-2-methylph...	16.127	198	20197	30.046	ng	97
66) n-Nitrosodiphenylamine	16.251	169	143520	48.170	ng	100
67) 4-Bromophenyl-phenylether	16.926	248	60246	43.870	ng	97
68) Hexachlorobenzene	17.061	284	67065	49.396	ng	97
69) Atrazine	17.179	200	61183	49.470	ng	97
70) Pentachlorophenol	17.402	266	79296	81.409	ng	97
71) Phenanthrene	17.796	178	263538	46.572	ng	99
72) Anthracene	17.890	178	269262	46.417	ng	99
73) Carbazole	18.154	167	237431	46.945	ng	# 92
74) Di-n-butylphthalate	18.671	149	284845	48.636	ng	100
75) Fluoranthene	19.787	202	307339	42.845	ng	99
77) Benzidine	19.952	184	176186	67.542	ng	97
78) Pyrene	20.146	202	311302	47.162	ng	98
80) Butylbenzylphthalate	21.003	149	121399	53.446	ng	93
81) Benzo(a)anthracene	22.049	228	309670	46.891	ng	99
82) 3,3'-Dichlorobenzidine	21.949	252	91852	41.189	ng	99
83) Chrysene	22.125	228	284442	46.001	ng	100
84) Bis(2-ethylhexyl)phtha...	21.896	149	173477	52.743	ng	95
85) Di-n-octyl phthalate	23.212	149	288492	52.049	ng	99
87) Indeno(1,2,3-cd)pyrene	29.691	276	345174	45.969	ng	98
88) Benzo(b)fluoranthene	24.475	252	319006	50.210	ng	97
89) Benzo(k)fluoranthene	24.551	252	310037	48.880	ng	# 97
90) Benzo(a)pyrene	25.438	252	278096	44.543	ng	# 97
91) Dibenzo(a,h)anthracene	29.756	278	295065	47.806	ng	96
92) Benzo(g,h,i)perylene	30.972	276	256429	42.429	ng	# 97

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

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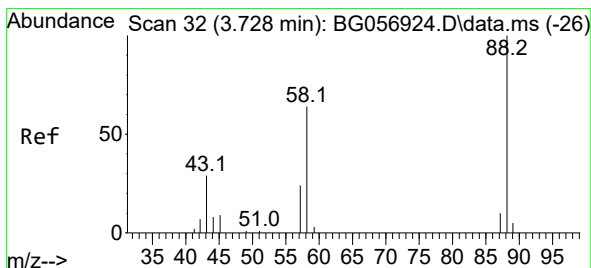
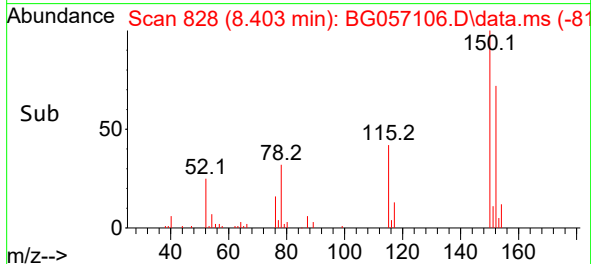
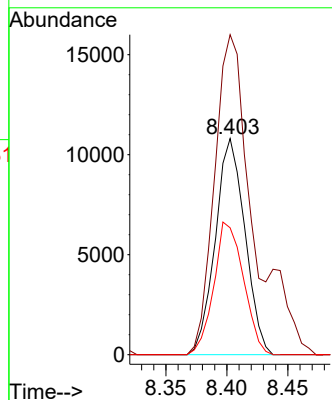
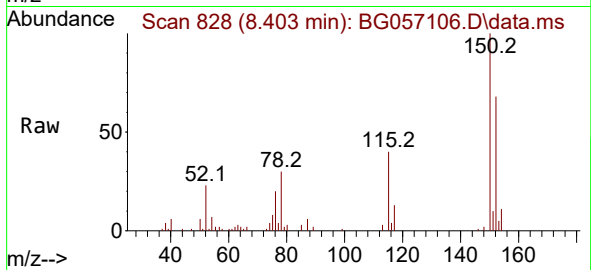




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.403 min Scan# 81
 Delta R.T. -0.008 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

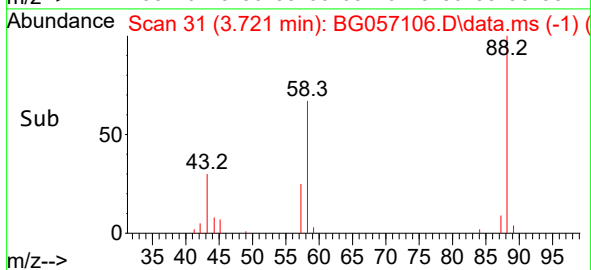
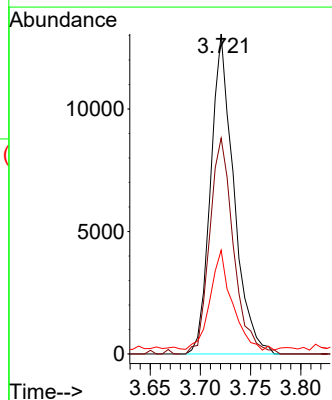
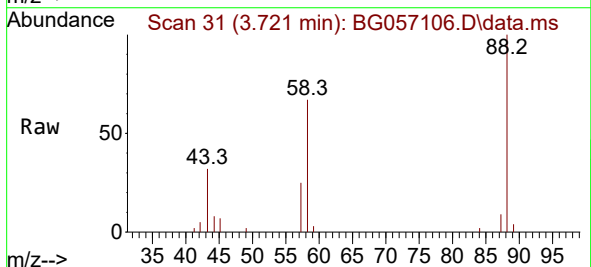
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MSD

Tgt Ion:152 Resp: 18296
 Ion Ratio Lower Upper
 152 100
 150 148.0 124.1 186.1
 115 58.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 41.706 ng
 RT: 3.721 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

Tgt Ion: 88 Resp: 20900
 Ion Ratio Lower Upper
 88 100
 58 69.6 55.9 83.9
 43 29.6 25.7 38.5

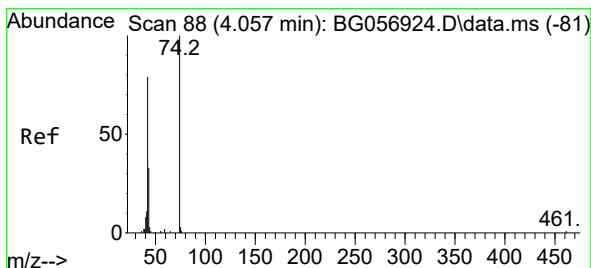
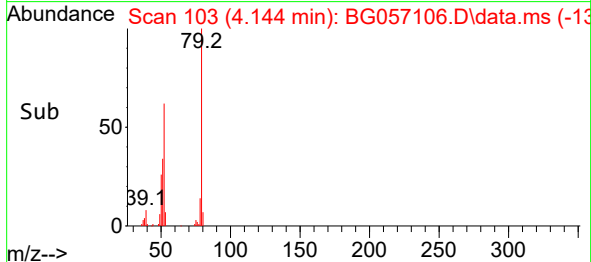
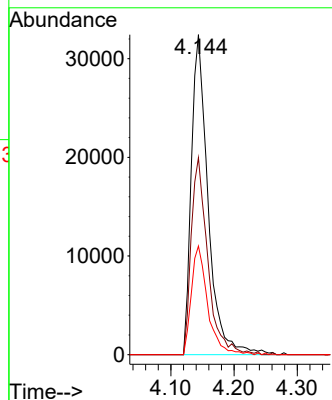
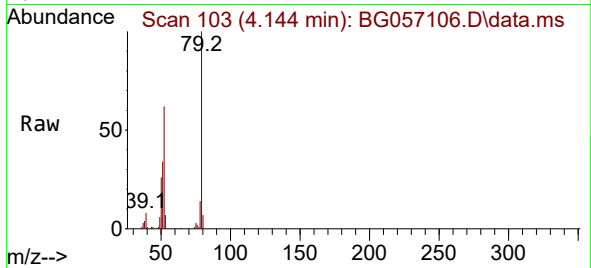




#3
 Pyridine
 Concen: 36.917 ng
 RT: 4.144 min Scan# 103
 Delta R.T. -0.003 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

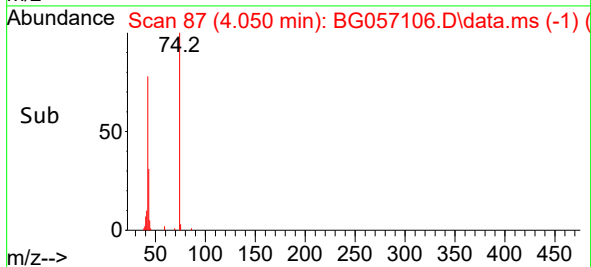
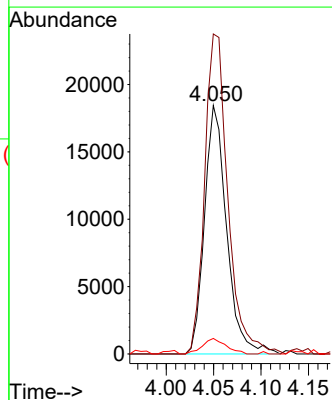
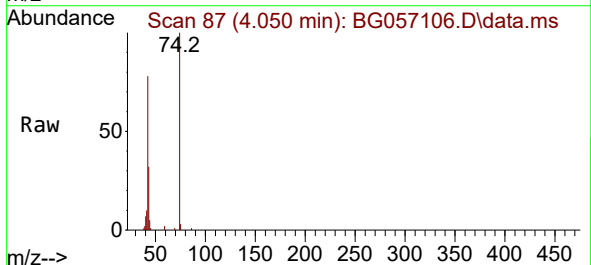
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MSD

Tgt Ion: 79 Resp: 59587
 Ion Ratio Lower Upper
 79 100
 52 61.5 46.1 69.1
 51 33.9 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 40.363 ng
 RT: 4.050 min Scan# 87
 Delta R.T. -0.003 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

Tgt Ion: 42 Resp: 29953
 Ion Ratio Lower Upper
 42 100
 74 128.8 100.6 151.0
 44 6.2 4.6 7.0

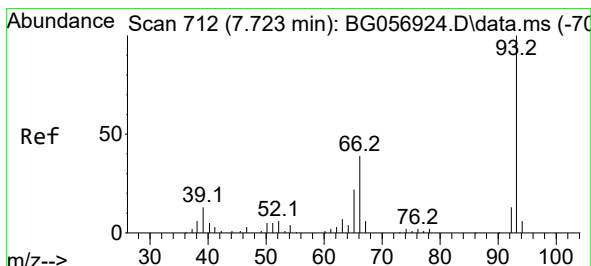
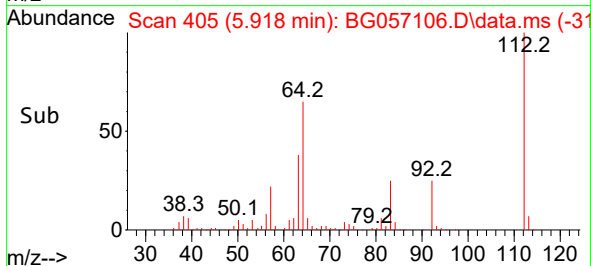
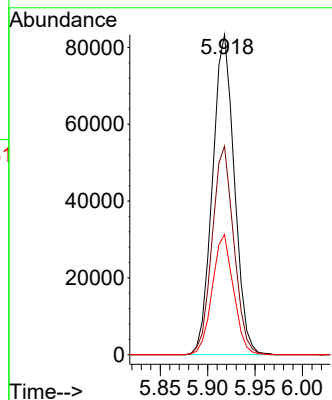
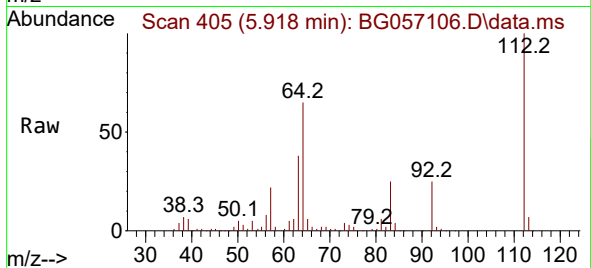




#5
2-Fluorophenol
Concen: 116.768 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

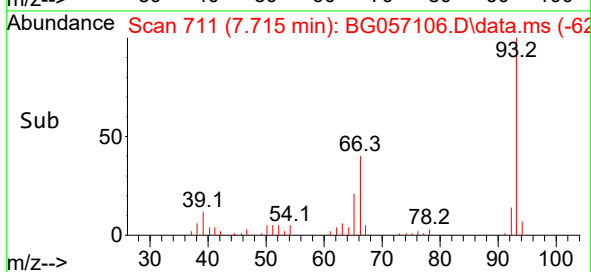
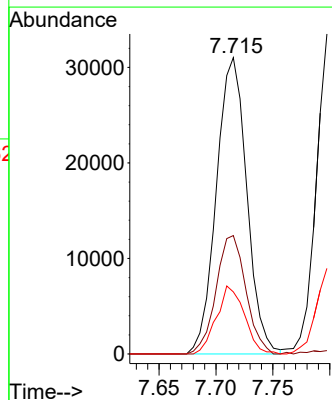
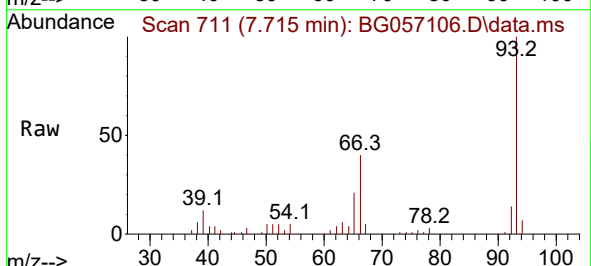
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ClientSampleId :
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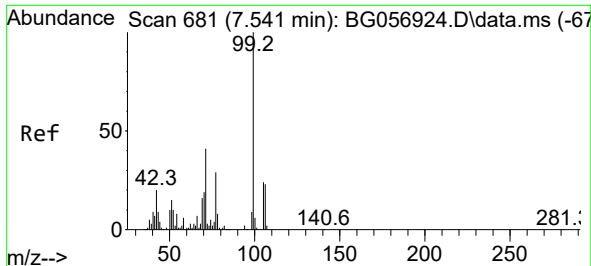
Tgt Ion:112 Resp: 133487
Ion Ratio Lower Upper
112 100
64 65.2 53.2 79.8
63 37.6 32.6 48.8



#6
Aniline
Concen: 26.356 ng
RT: 7.715 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion: 93 Resp: 57608
Ion Ratio Lower Upper
93 100
66 40.0 31.4 47.0
65 21.0 17.3 25.9

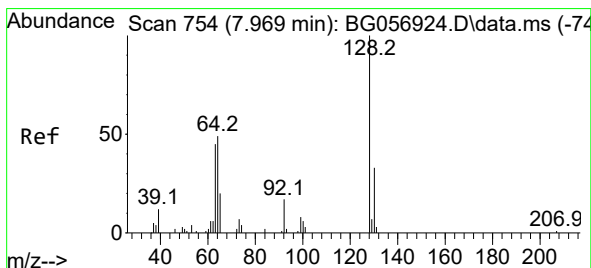
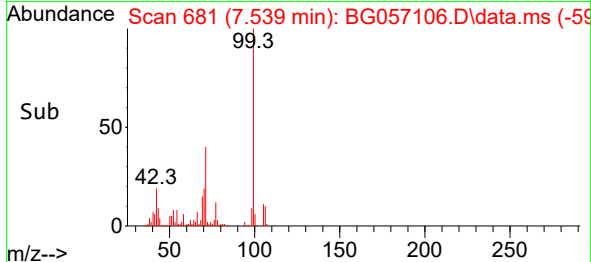
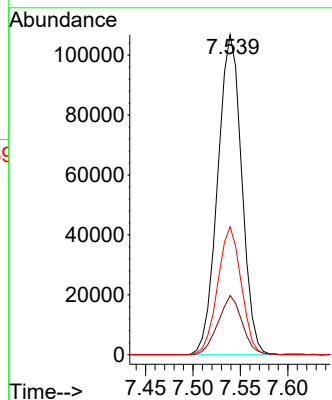
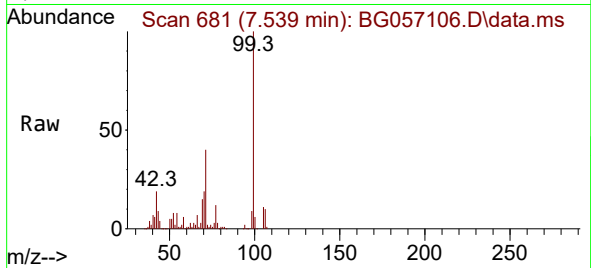




#7
Phenol-d6
Concen: 110.181 ng
RT: 7.539 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

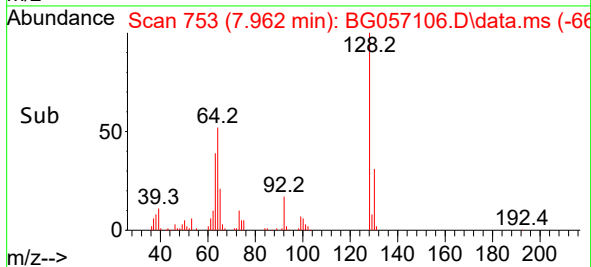
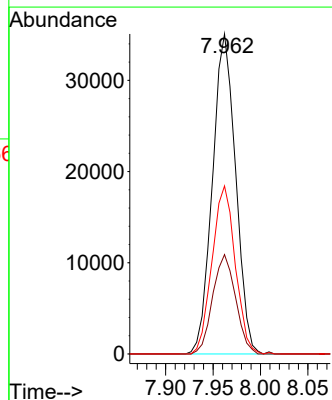
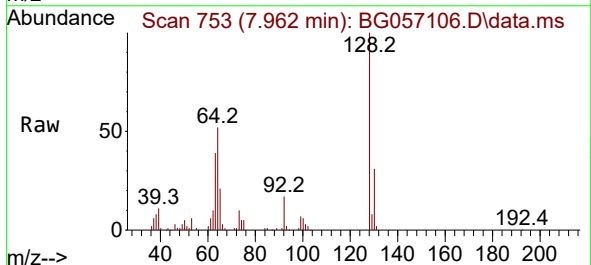
Instrument :
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Tgt Ion: 99 Resp: 188384
Ion Ratio Lower Upper
99 100
42 18.5 15.7 23.5
71 39.9 32.5 48.7



#8
2-Chlorophenol
Concen: 52.463 ng
RT: 7.962 min Scan# 753
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion: 128 Resp: 59738
Ion Ratio Lower Upper
128 100
130 31.1 12.6 52.6
64 52.5 40.6 80.6

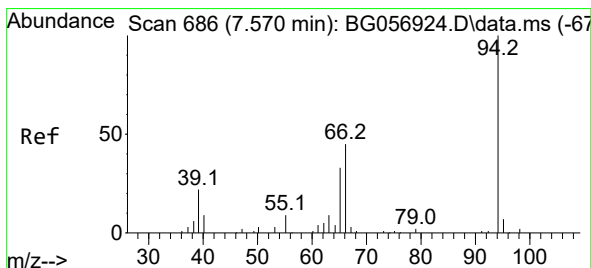
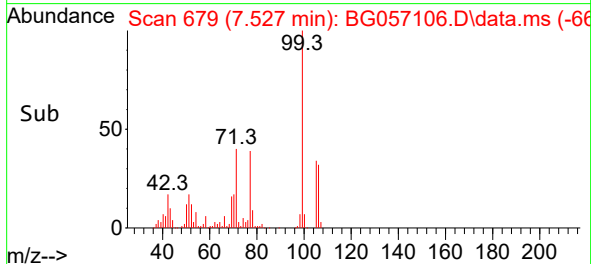
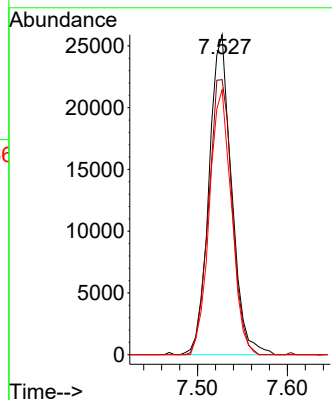
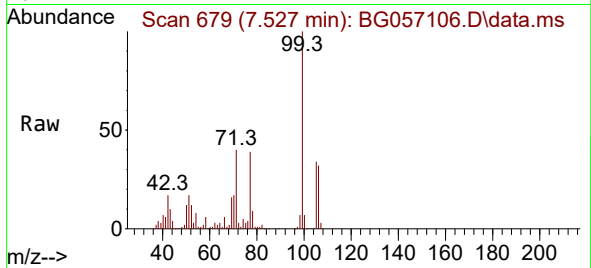




#9
Benzaldehyde
Concen: 42.169 ng
RT: 7.527 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

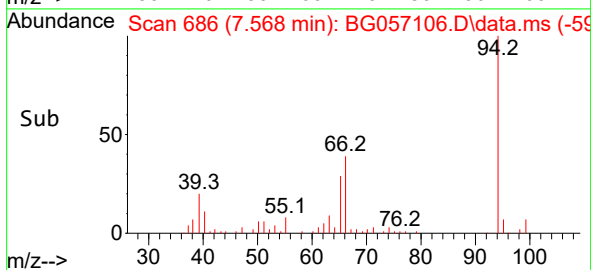
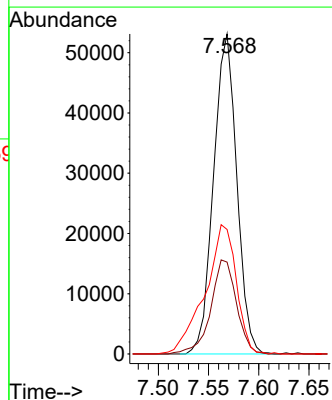
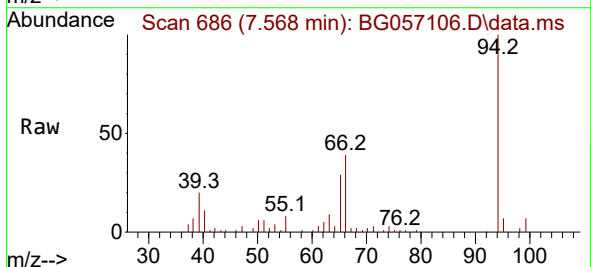
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BNA_G
ClientSampleId :
PH1-BOT-1MSD

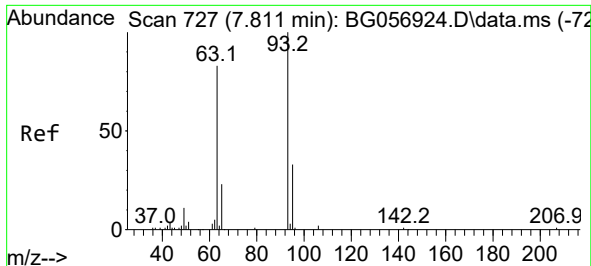
Tgt Ion: 77 Resp: 45222
Ion Ratio Lower Upper
77 100
105 86.0 73.6 113.6
106 82.8 56.7 96.7



#10
Phenol
Concen: 50.325 ng
RT: 7.568 min Scan# 686
Delta R.T. 0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion: 94 Resp: 85259
Ion Ratio Lower Upper
94 100
65 28.7 13.3 53.3
66 38.9 26.7 66.7

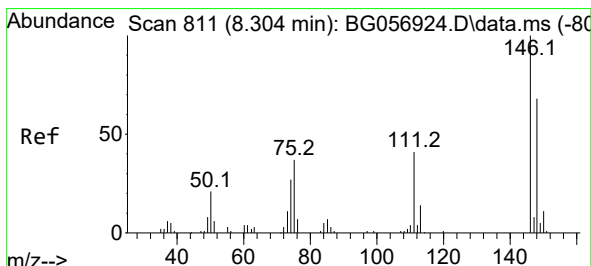
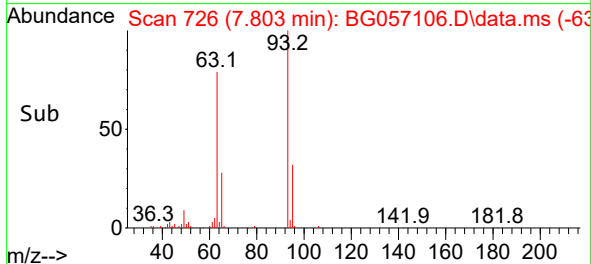
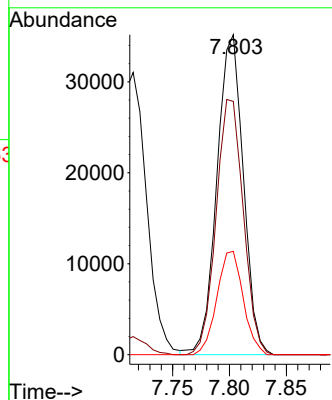
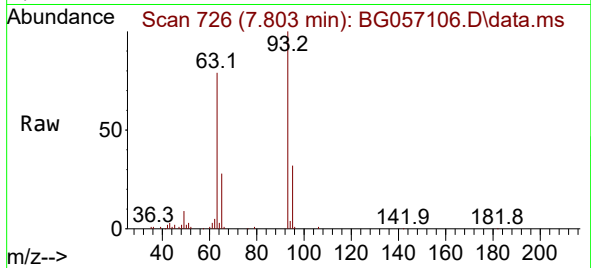




#11
bis(2-Chloroethyl)ether
Concen: 47.112 ng
RT: 7.803 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

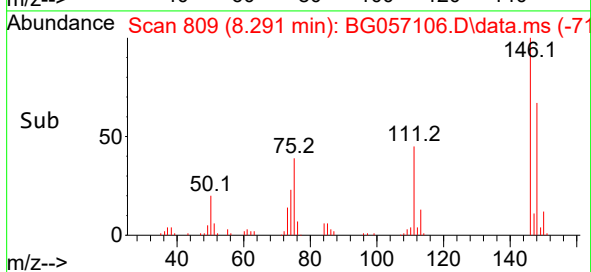
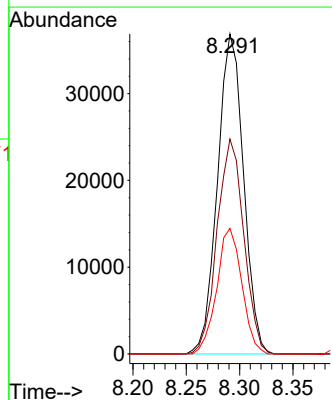
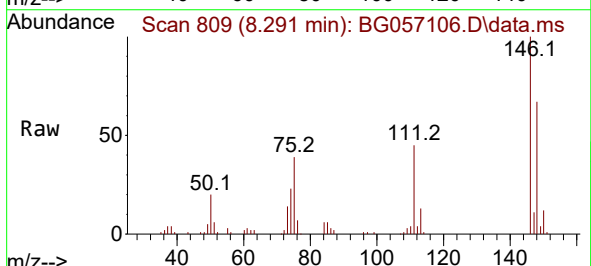
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

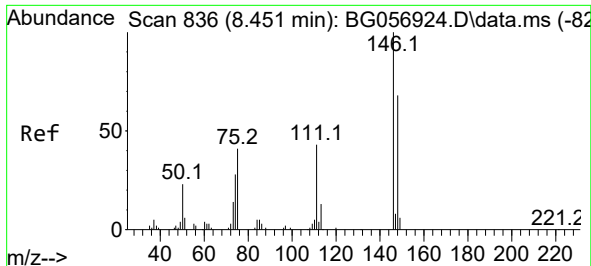
Tgt Ion: 93 Resp: 56854
Ion Ratio Lower Upper
93 100
63 79.1 62.7 102.7
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.713 ng
RT: 8.291 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion: 146 Resp: 62548
Ion Ratio Lower Upper
146 100
148 67.2 54.2 81.4
75 39.3 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 50.460 ng

RT: 8.438 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

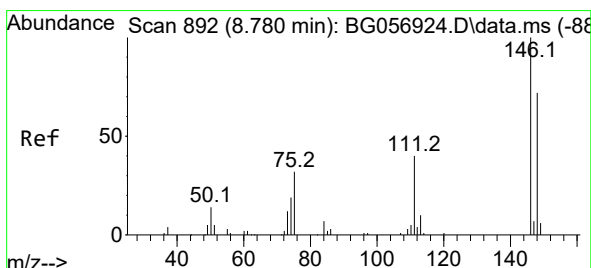
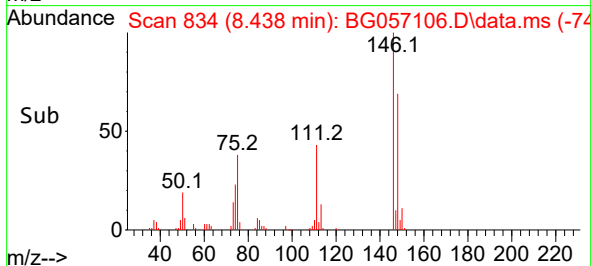
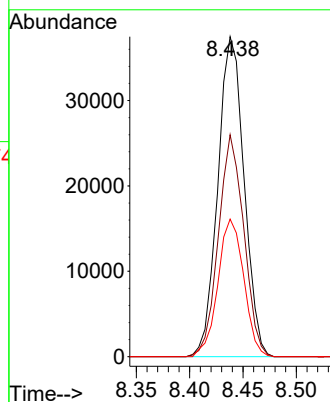
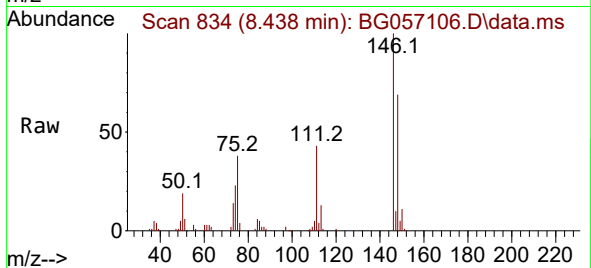
Tgt Ion:146 Resp: 64076

Ion Ratio Lower Upper

146 100

148 69.3 54.8 82.2

111 43.0 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 48.930 ng

RT: 8.767 min Scan# 890

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

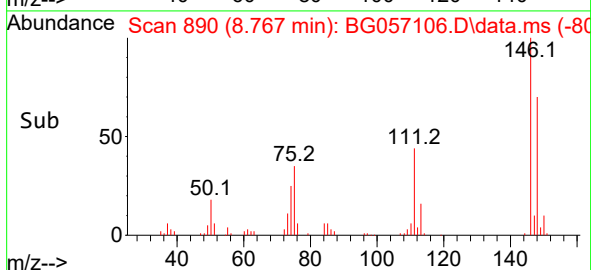
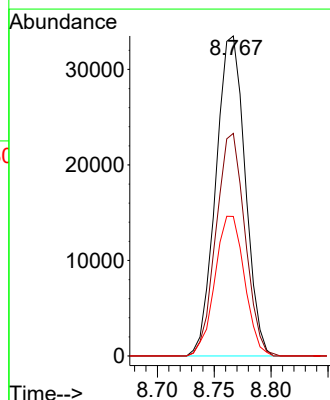
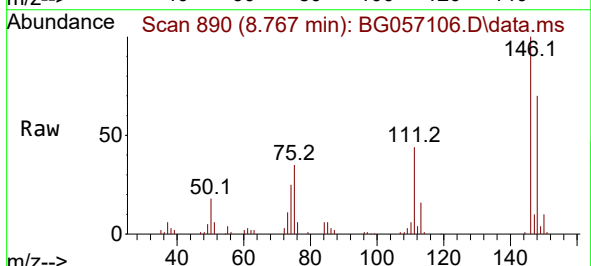
Tgt Ion:146 Resp: 60028

Ion Ratio Lower Upper

146 100

148 69.6 57.4 86.0

111 43.6 33.2 49.8

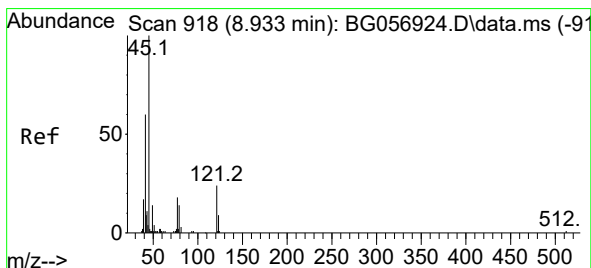
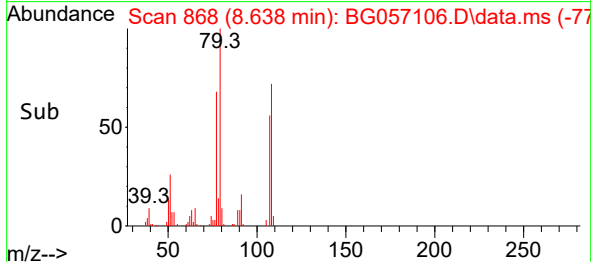
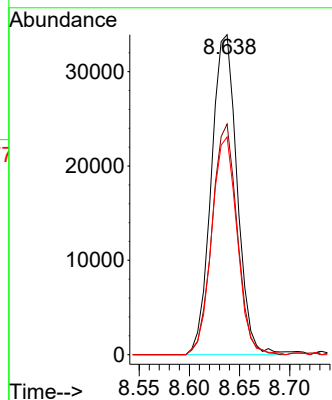
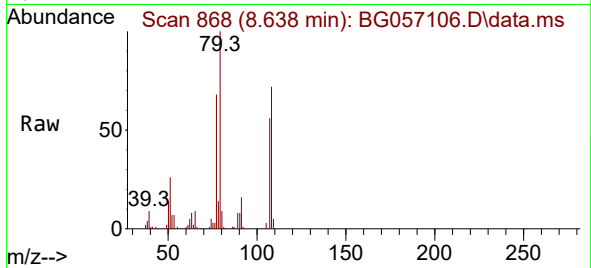




#15
Benzyl Alcohol
Concen: 42.665 ng
RT: 8.638 min Scan# 868
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

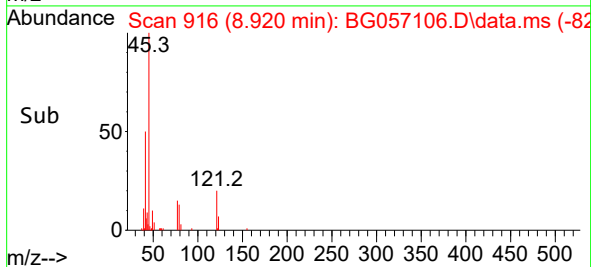
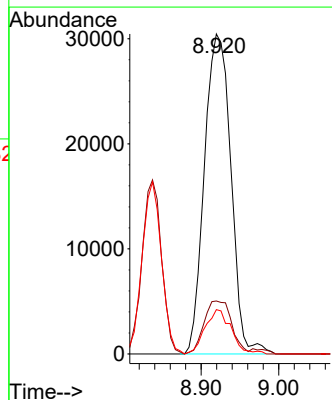
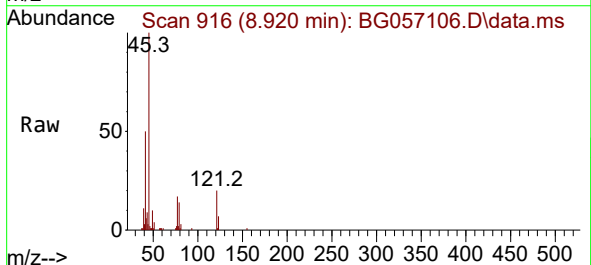
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

Tgt Ion: 79 Resp: 60613
Ion Ratio Lower Upper
79 100
108 72.1 51.2 76.8
77 68.0 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.789 ng
RT: 8.920 min Scan# 916
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion: 45 Resp: 72412
Ion Ratio Lower Upper
45 100
77 16.6 0.0 38.7
79 13.8 0.0 35.1

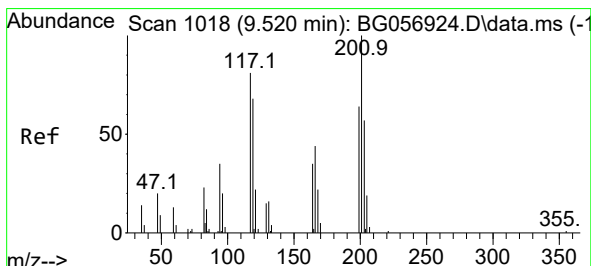
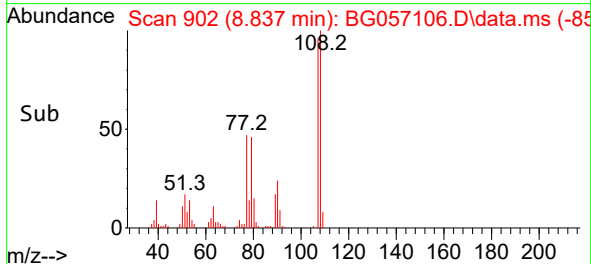
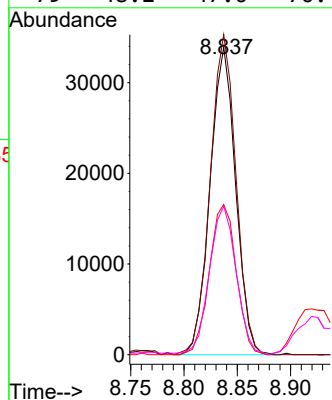
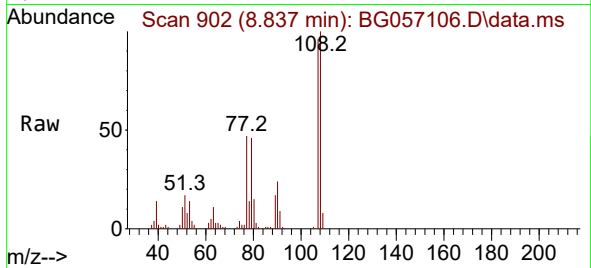




#17
2-Methylphenol
Concen: 46.692 ng
RT: 8.837 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

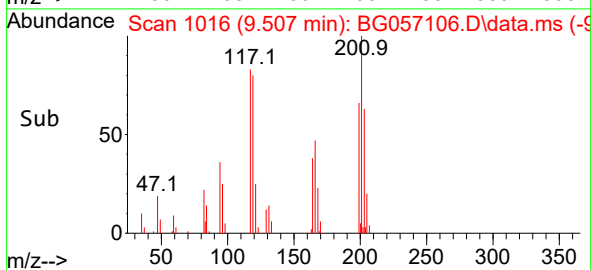
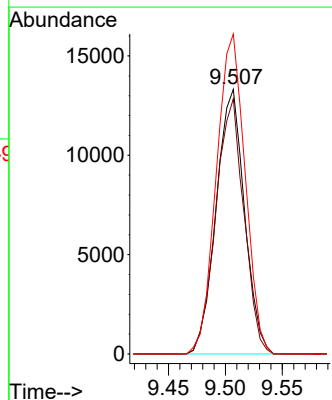
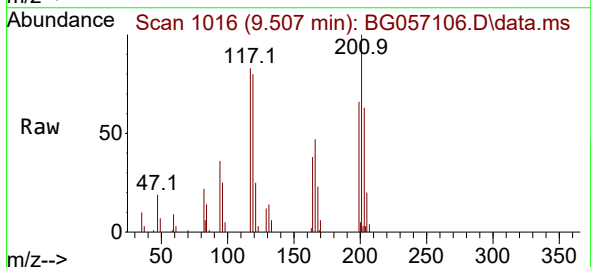
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

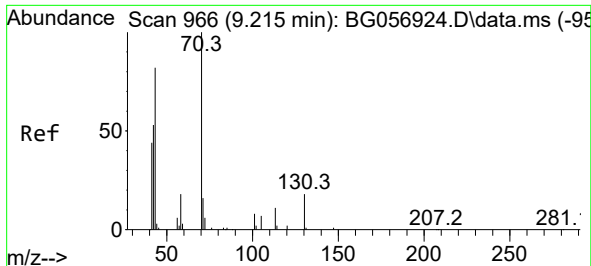
Tgt Ion:107 Resp: 56435
Ion Ratio Lower Upper
107 100
108 104.0 96.0 144.0
77 48.8 45.6 68.4
79 48.2 47.0 70.4



#18
Hexachloroethane
Concen: 49.695 ng
RT: 9.507 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:117 Resp: 23065
Ion Ratio Lower Upper
117 100
119 96.4 67.0 100.6
201 120.9 98.7 148.1

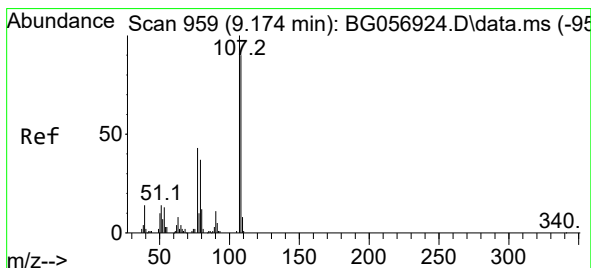
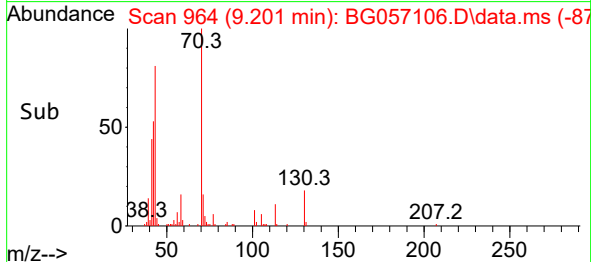
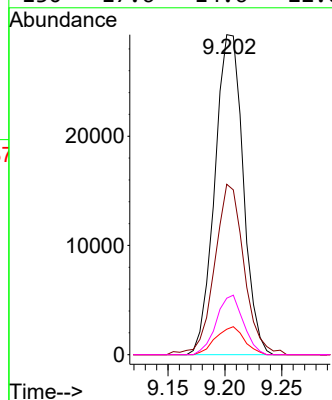
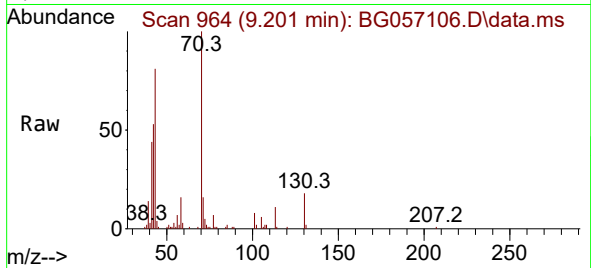




#19
n-Nitroso-di-n-propylamine
Concen: 41.496 ng
RT: 9.201 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

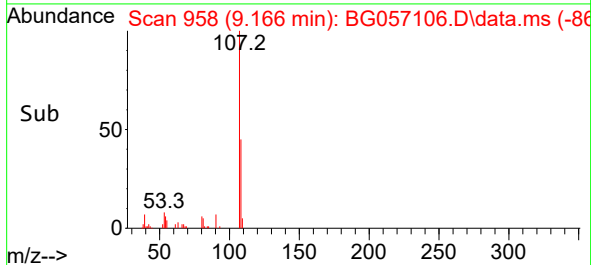
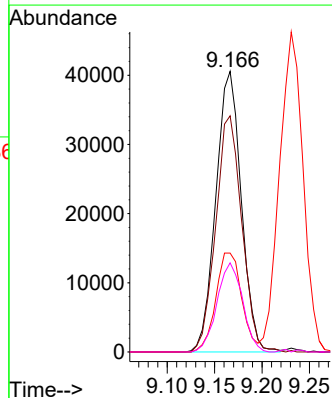
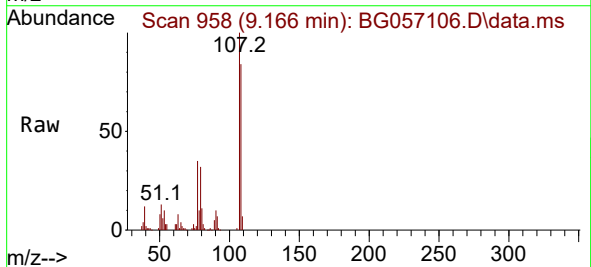
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

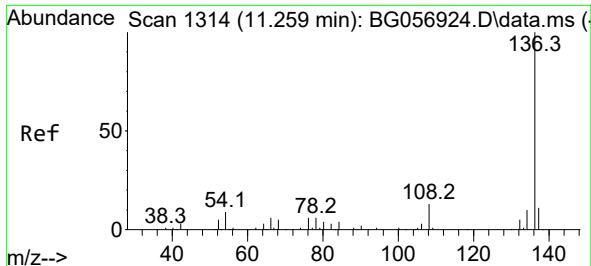
Tgt Ion: 70 Resp: 50747
Ion Ratio Lower Upper
70 100
42 53.2 43.4 65.0
101 7.9 6.2 9.2
130 17.6 14.6 22.0



#20
3+4-Methylphenols
Concen: 44.827 ng
RT: 9.166 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion: 107 Resp: 75764
Ion Ratio Lower Upper
107 100
108 84.1 69.9 109.9
77 35.2 22.7 62.7
79 31.8 16.5 56.5

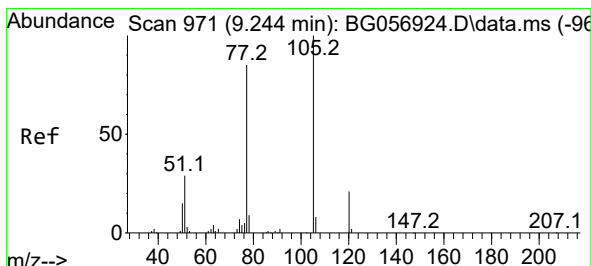
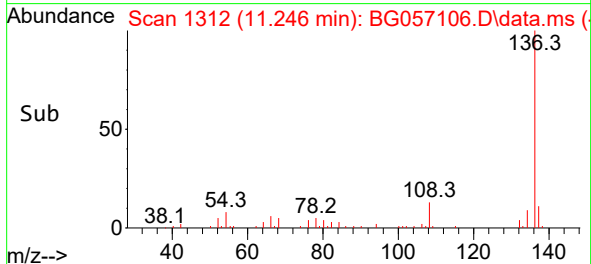
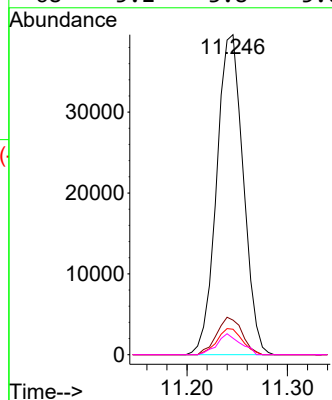
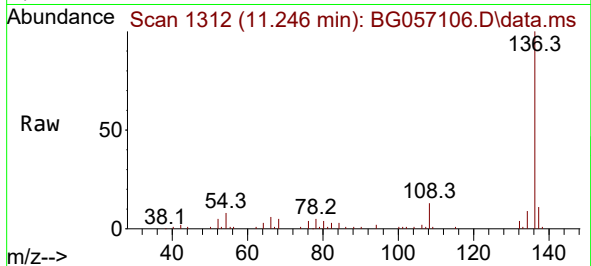




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

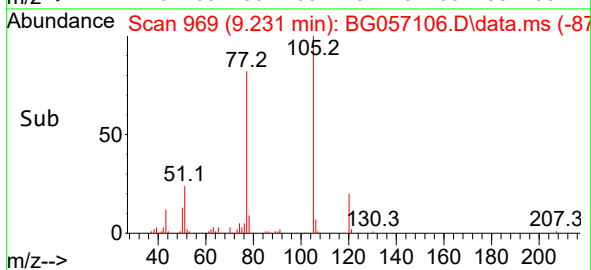
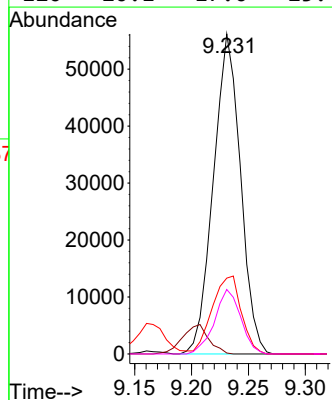
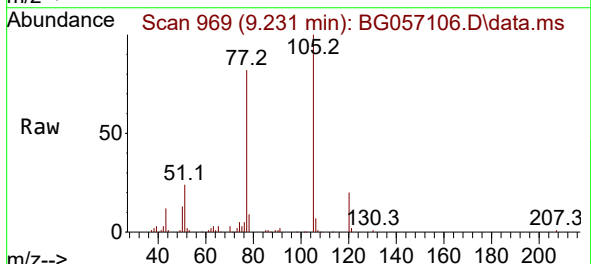
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

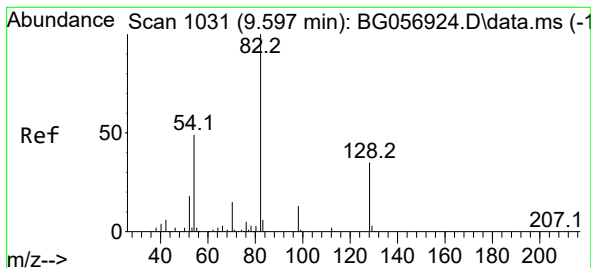
Tgt Ion:	136	Resp:	72699
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	7.9	6.9	10.3
68	5.2	3.8	5.6



#22
Acetophenone
Concen: 42.989 ng
RT: 9.231 min Scan# 969
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:	105	Resp:	92995
Ion Ratio	Lower	Upper	
105	100		
71	0.3	0.7	1.1#
51	23.7	23.8	35.8#
120	20.1	17.0	25.4





#23

Nitrobenzene-d5

Concen: 66.846 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

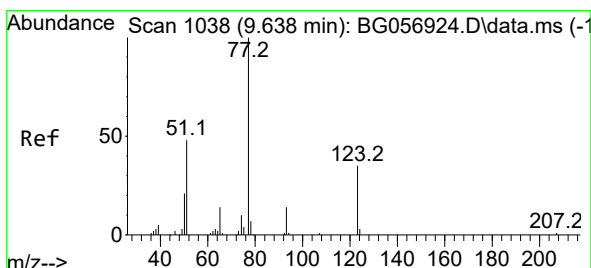
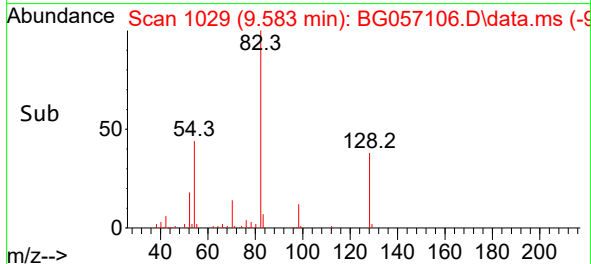
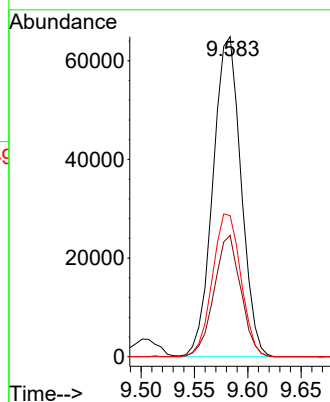
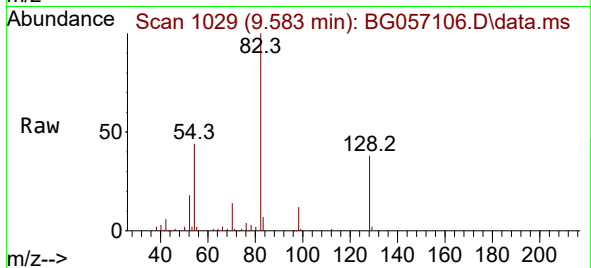
Tgt Ion: 82 Resp: 118766

Ion Ratio Lower Upper

82 100

128 37.9 27.9 41.9

54 44.1 39.4 59.2



#24

Nitrobenzene

Concen: 42.867 ng

RT: 9.624 min Scan# 1036

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

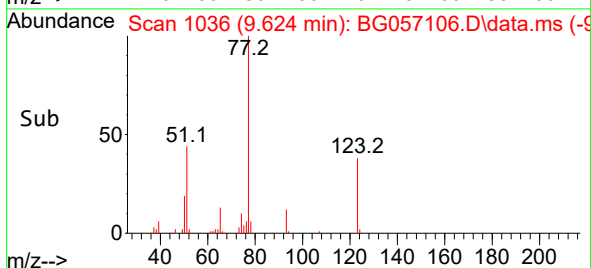
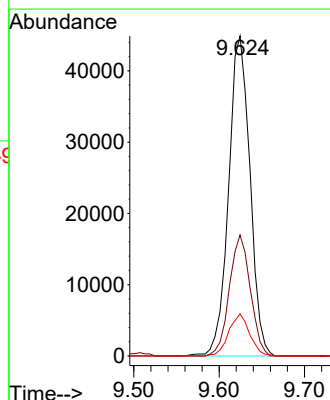
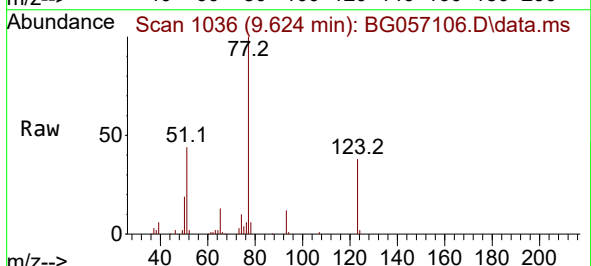
Tgt Ion: 77 Resp: 77867

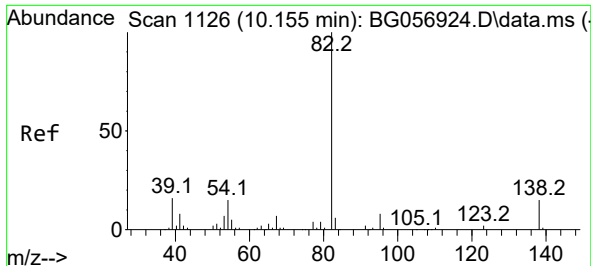
Ion Ratio Lower Upper

77 100

123 37.8 27.6 41.4

65 13.2 11.5 17.3

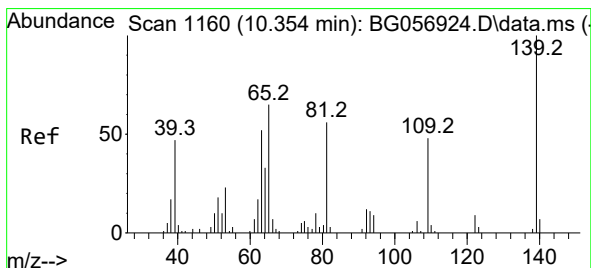
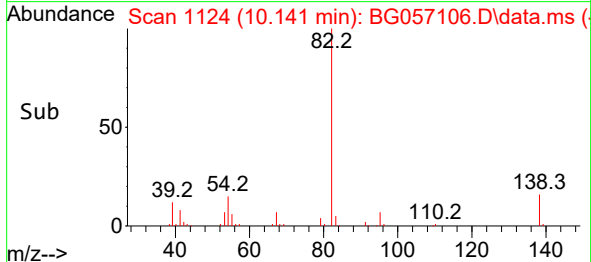
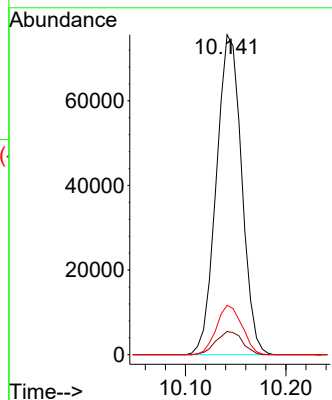
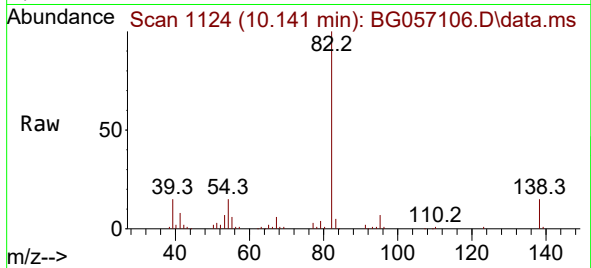




#25
Isophorone
Concen: 39.059 ng
RT: 10.141 min Scan# 1124
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

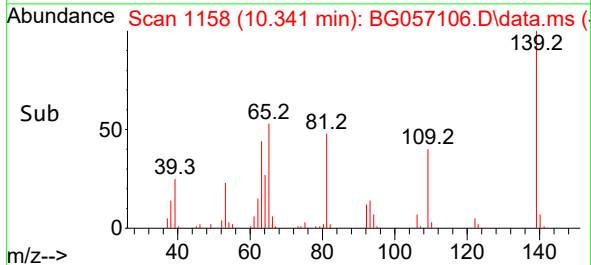
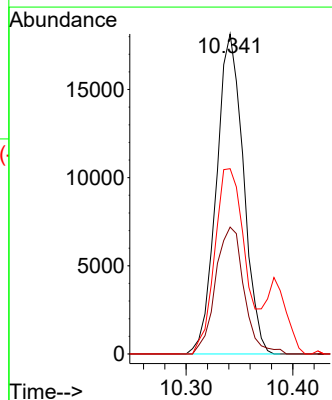
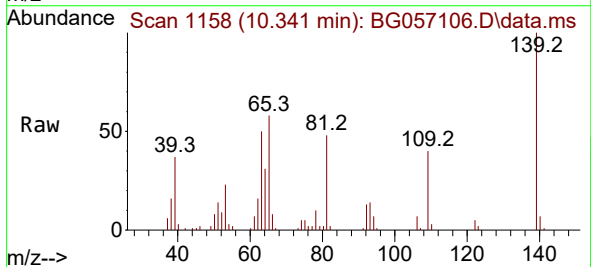
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

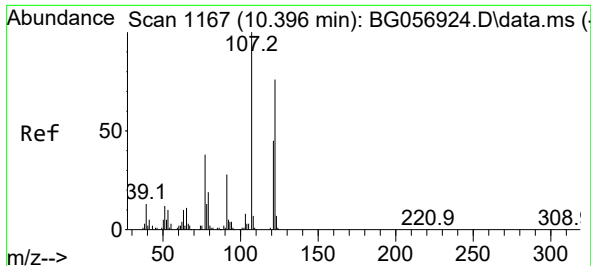
Tgt Ion: 82 Resp: 132149
Ion Ratio Lower Upper
82 100
95 7.3 6.3 9.5
138 15.4 11.8 17.8



#26
2-Nitrophenol
Concen: 45.514 ng
RT: 10.341 min Scan# 1158
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:139 Resp: 31912
Ion Ratio Lower Upper
139 100
109 39.7 38.2 57.4
65 57.9 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 45.310 ng

RT: 10.382 min Scan# 1165

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

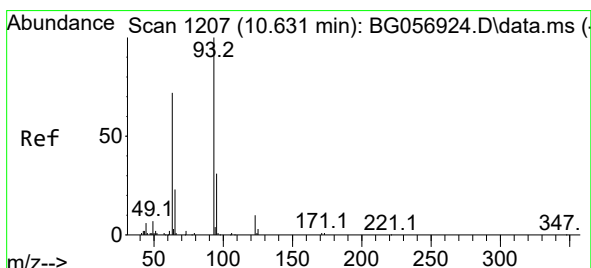
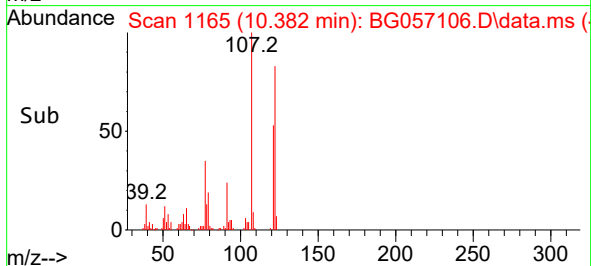
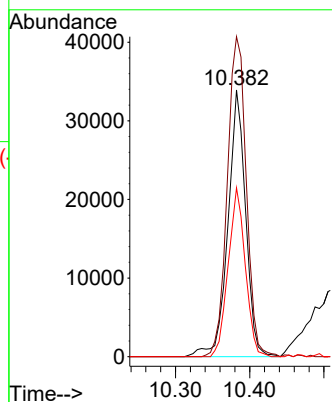
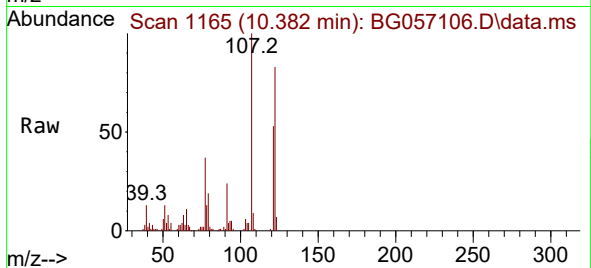
Tgt Ion:122 Resp: 56091

Ion Ratio Lower Upper

122 100

107 120.0 105.7 158.5

121 63.3 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.753 ng

RT: 10.617 min Scan# 1205

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

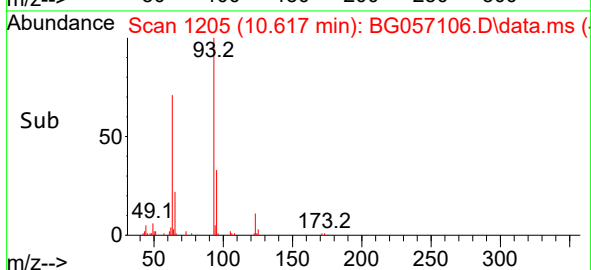
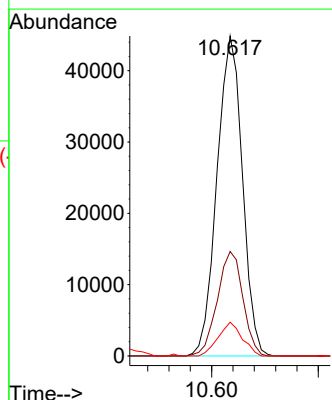
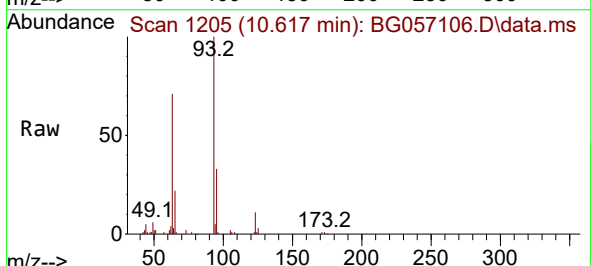
Tgt Ion: 93 Resp: 74110

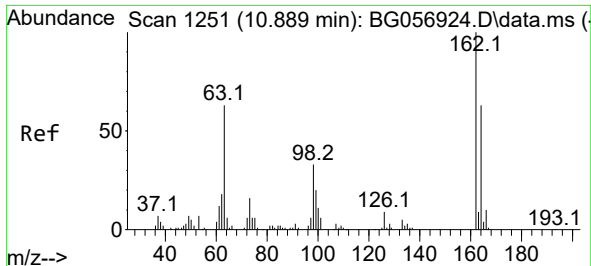
Ion Ratio Lower Upper

93 100

95 32.6 24.6 37.0

123 10.6 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 44.498 ng

RT: 10.882 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

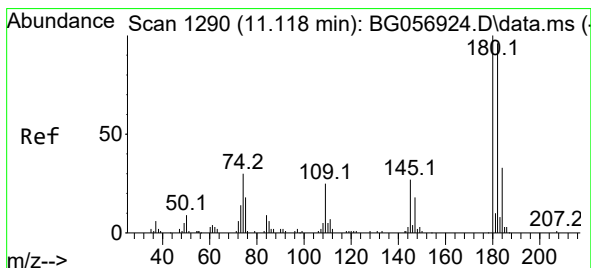
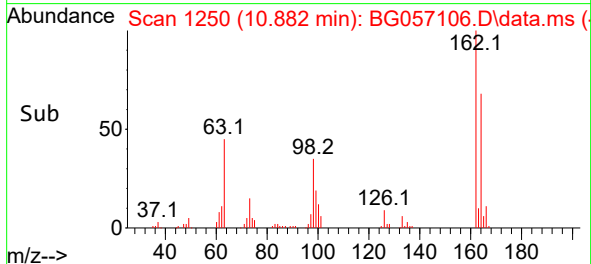
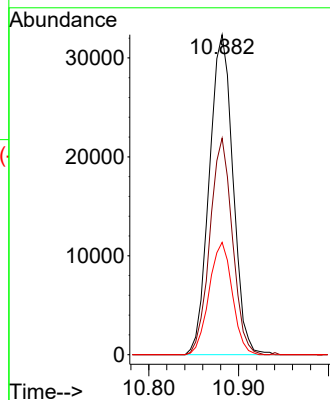
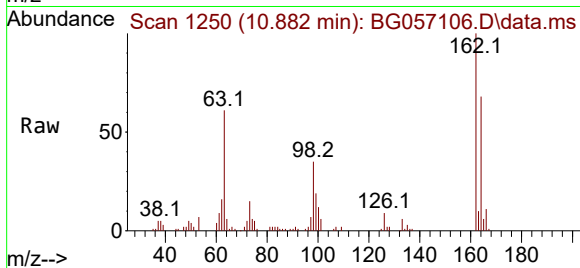
Tgt Ion:162 Resp: 59242

Ion Ratio Lower Upper

162 100

164 67.6 43.4 83.4

98 35.1 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 46.250 ng

RT: 11.099 min Scan# 1287

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

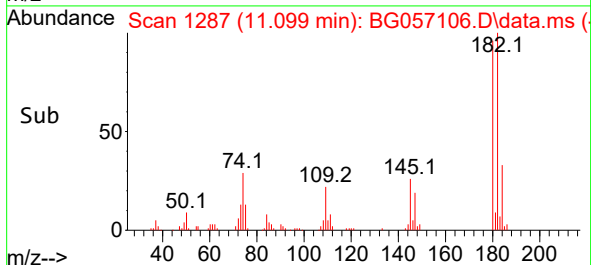
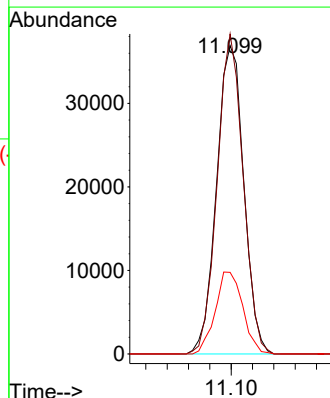
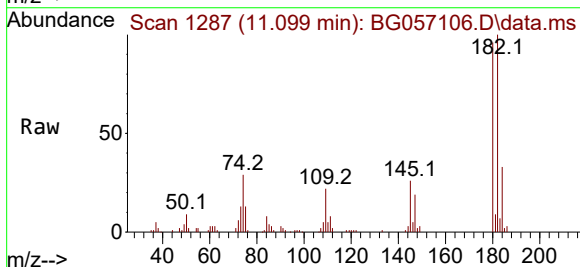
Tgt Ion:180 Resp: 65425

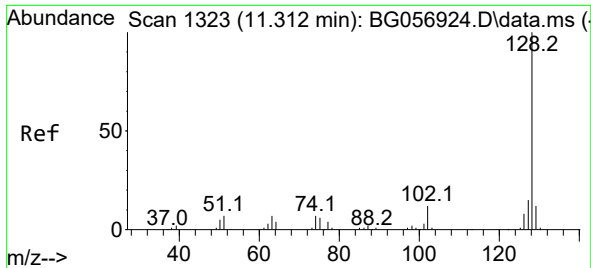
Ion Ratio Lower Upper

180 100

182 103.8 77.1 115.7

145 26.5 21.3 31.9

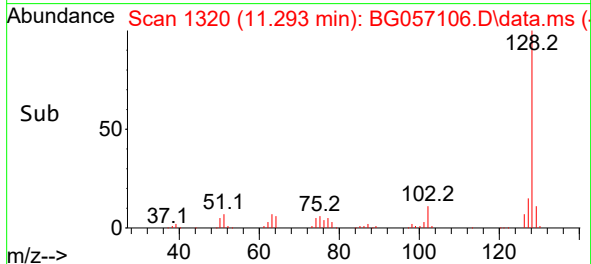
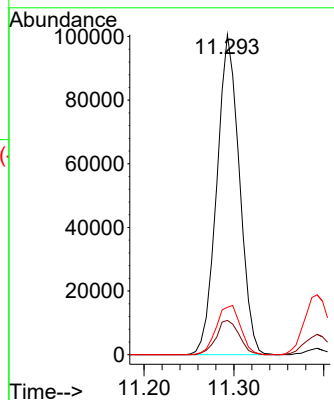
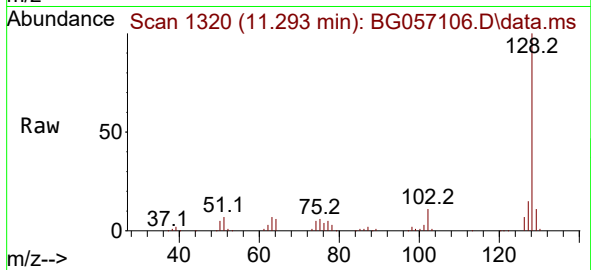




#31
Naphthalene
Concen: 44.303 ng
RT: 11.293 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

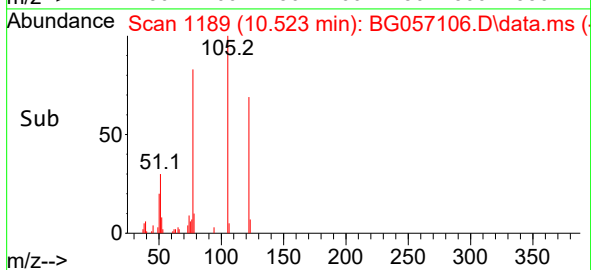
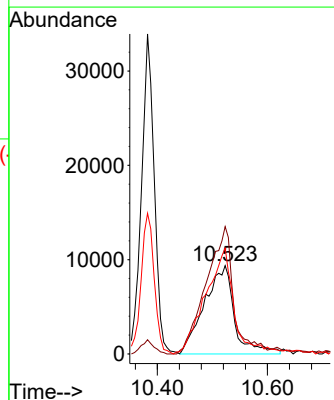
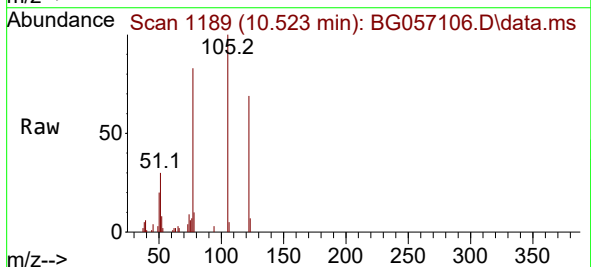
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

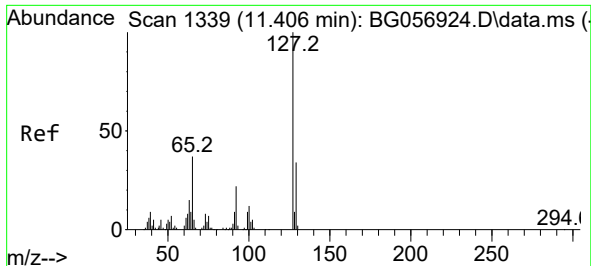
Tgt Ion:128 Resp: 175553
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 14.8 12.2 18.4



#32
Benzoic acid
Concen: 41.842 ng
RT: 10.523 min Scan# 1189
Delta R.T. 0.015 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:122 Resp: 35581
Ion Ratio Lower Upper
122 100
105 144.1 105.4 145.4
77 119.9 87.4 127.4

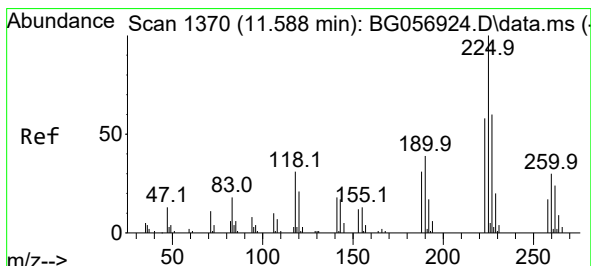
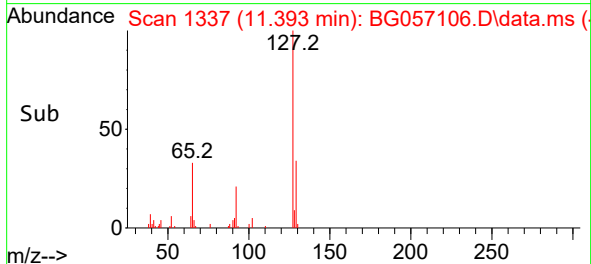
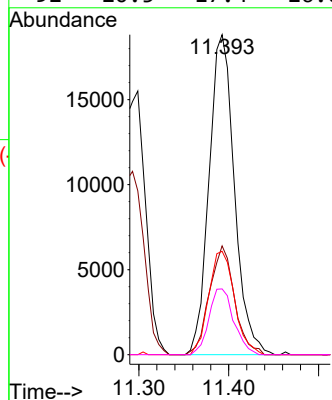
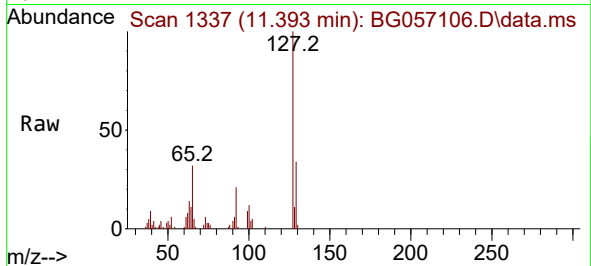




#33
4-Chloroaniline
Concen: 20.609 ng
RT: 11.393 min Scan# 1137
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

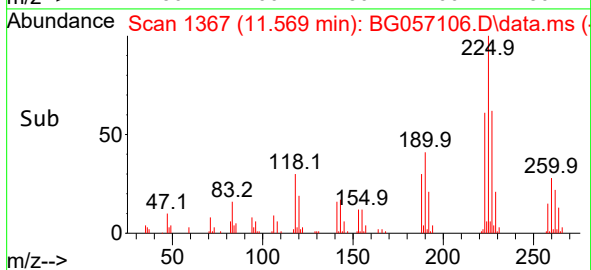
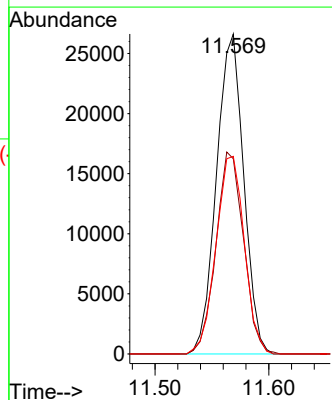
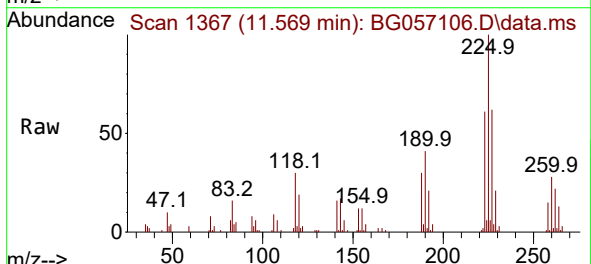
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

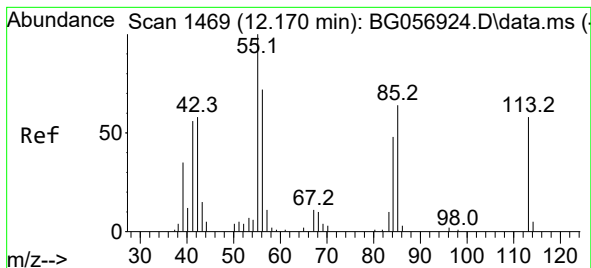
Tgt Ion:127	Resp:	36884
Ion Ratio	Lower	Upper
127	100	
129	34.0	27.6 41.4
65	32.3	29.8 44.8
92	20.5	17.4 26.0



#34
Hexachlorobutadiene
Concen: 41.693 ng
RT: 11.569 min Scan# 1367
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:225	Resp:	44303
Ion Ratio	Lower	Upper
225	100	
223	61.0	46.4 69.6
227	61.7	48.0 72.0

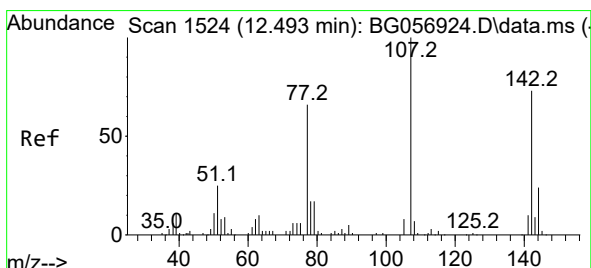
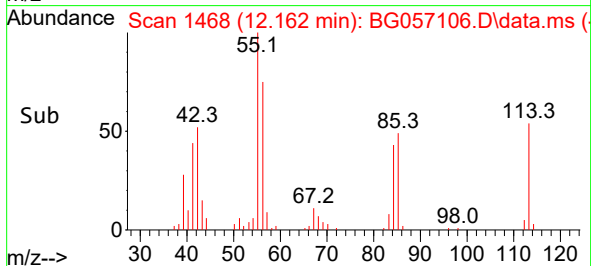
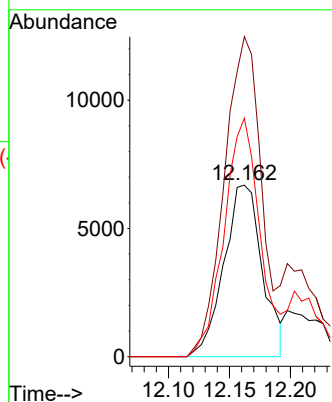
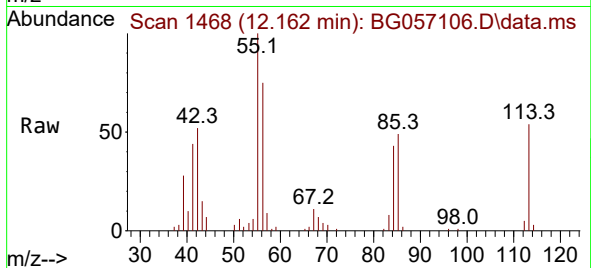




#35
 Caprolactam
 Concen: 31.890 ng
 RT: 12.162 min Scan# 1468
 Delta R.T. -0.003 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

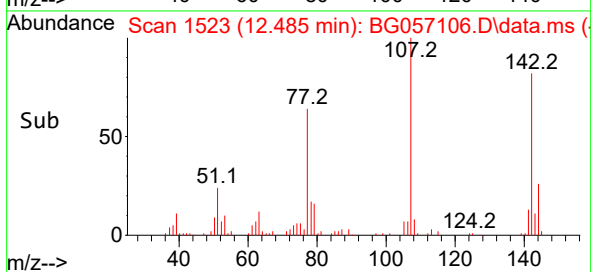
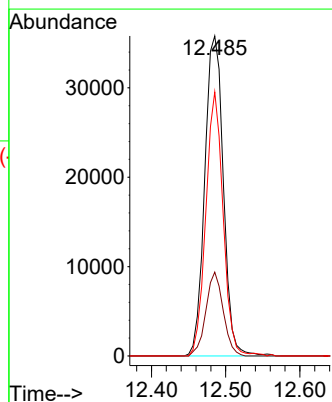
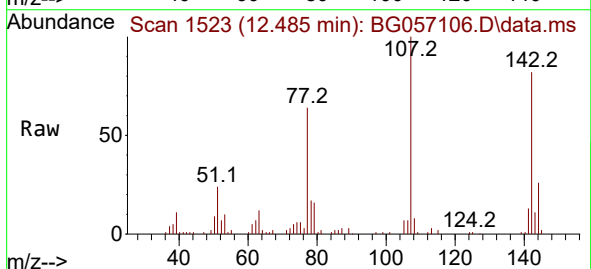
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MSD

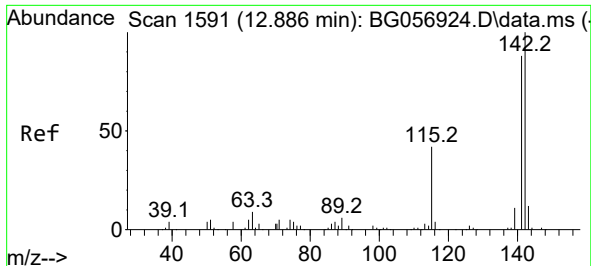
Tgt Ion:113 Resp: 14642
 Ion Ratio Lower Upper
 113 100
 55 186.6 151.6 191.6
 56 139.1 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.896 ng
 RT: 12.485 min Scan# 1523
 Delta R.T. -0.003 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

Tgt Ion:107 Resp: 62378
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.0 28.4
 142 82.5 58.6 88.0





#37

2-Methylnaphthalene

Concen: 40.134 ng

RT: 12.867 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

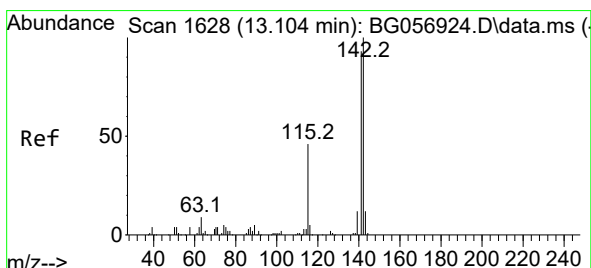
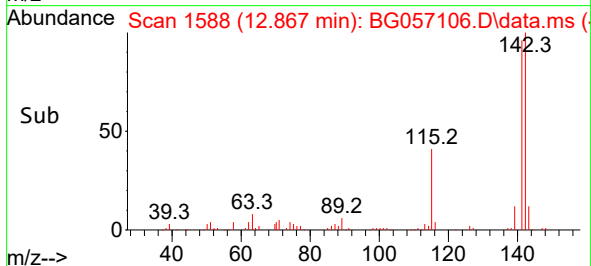
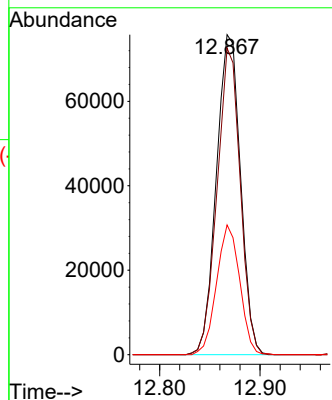
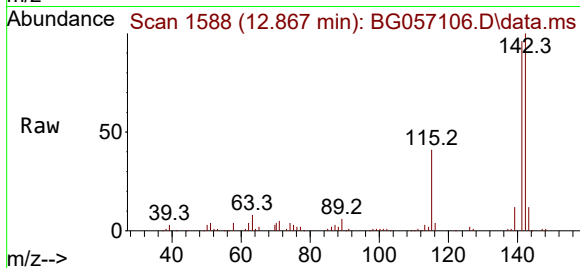
Tgt Ion:142 Resp: 126219

Ion Ratio Lower Upper

142 100

141 95.8 70.3 105.5

115 40.5 33.5 50.3



#38

1-Methylnaphthalene

Concen: 39.785 ng

RT: 13.084 min Scan# 1625

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

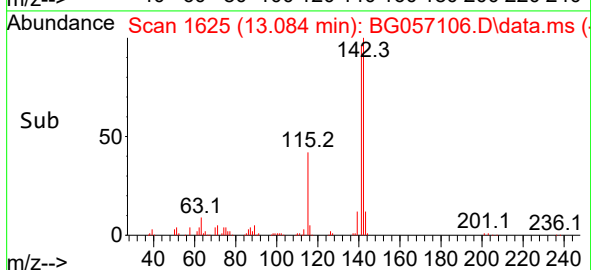
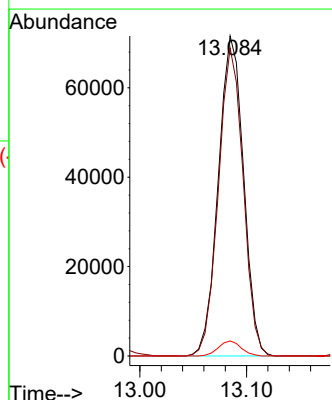
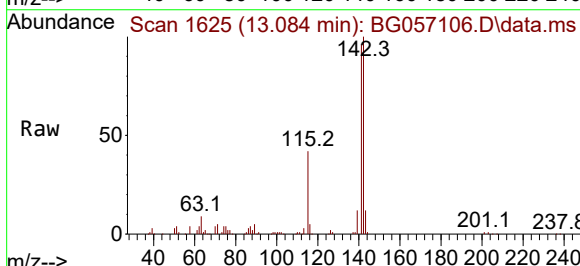
Tgt Ion:142 Resp: 117490

Ion Ratio Lower Upper

142 100

141 96.2 74.0 111.0

116 4.7 3.7 5.5

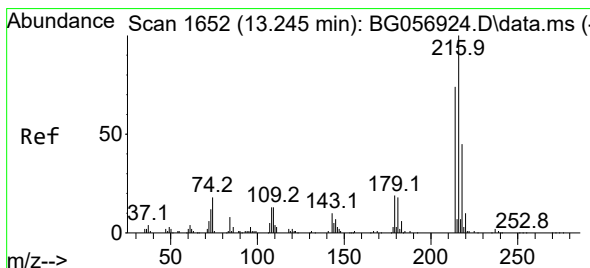
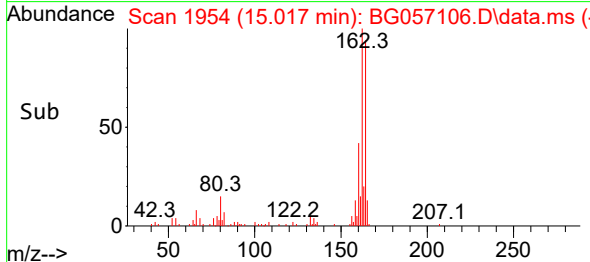
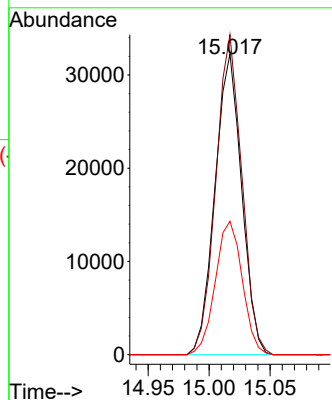
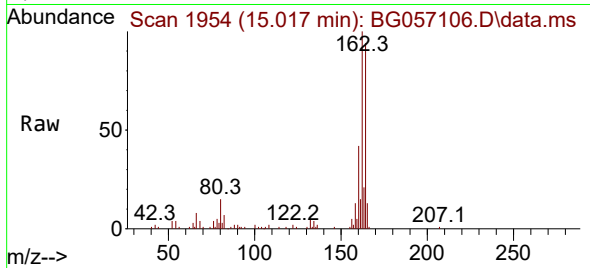




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

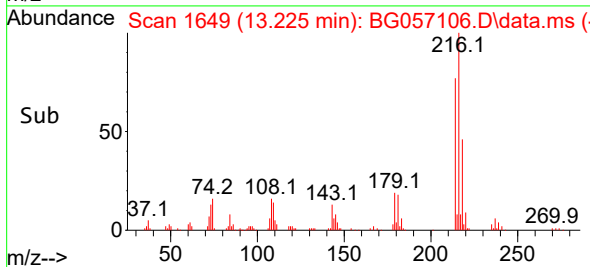
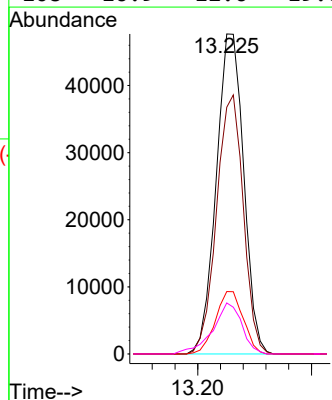
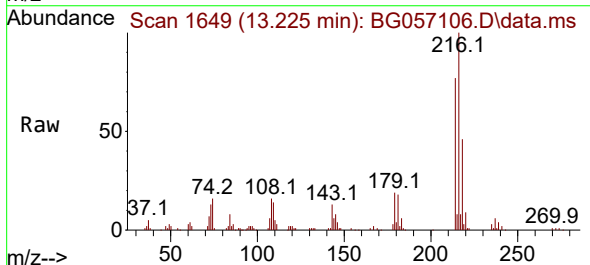
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

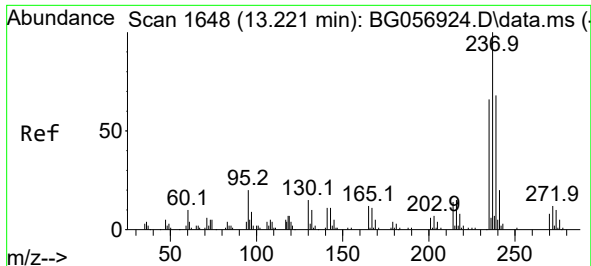
Tgt Ion:164 Resp: 49094
Ion Ratio Lower Upper
164 100
162 106.3 77.8 116.8
160 44.3 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.921 ng
RT: 13.225 min Scan# 1649
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

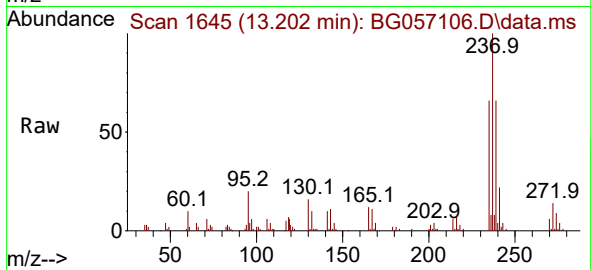
Tgt Ion:216 Resp: 79881
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 19.6 15.0 22.6
108 16.9 12.6 19.0



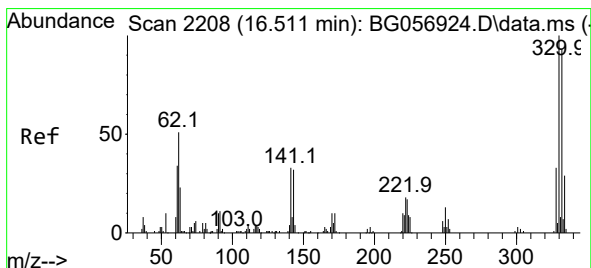
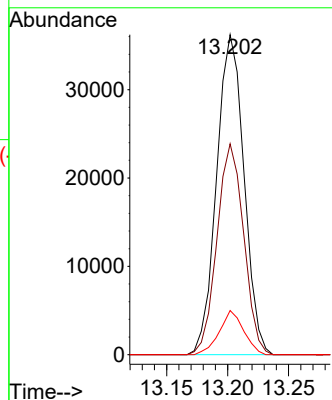
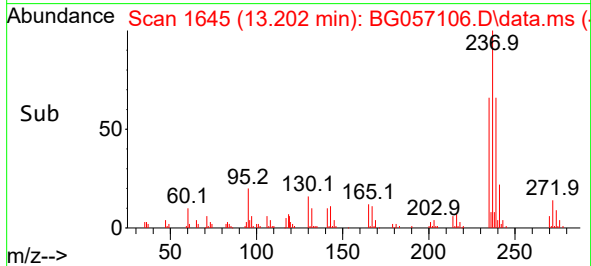


#41
Hexachlorocyclopentadiene
Concen: 60.327 ng
RT: 13.202 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

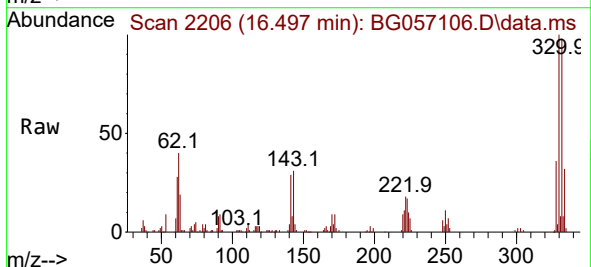
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD



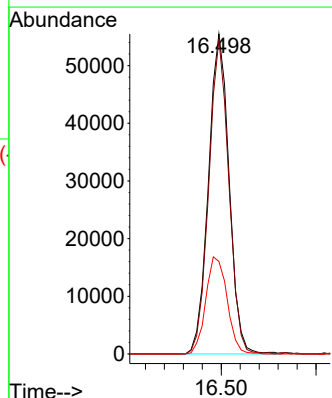
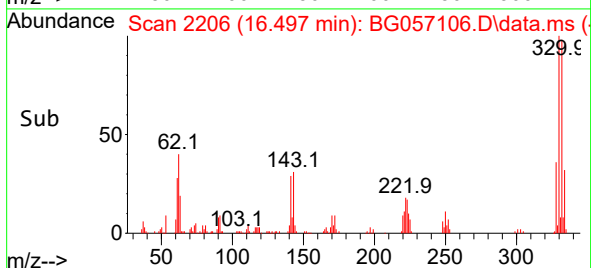
Tgt Ion:237 Resp: 56587
Ion Ratio Lower Upper
237 100
235 65.9 45.9 85.9
272 13.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 106.848 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13



Tgt Ion:330 Resp: 83800
Ion Ratio Lower Upper
330 100
332 95.1 76.1 114.1
141 31.3 25.8 38.6

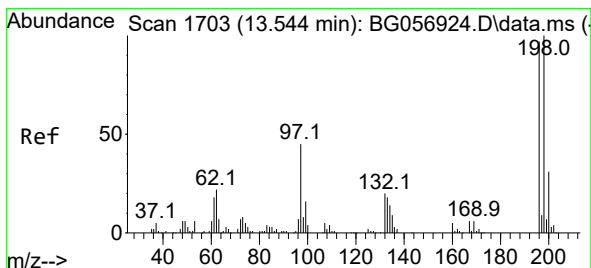
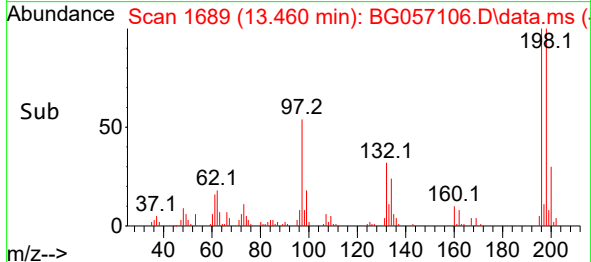
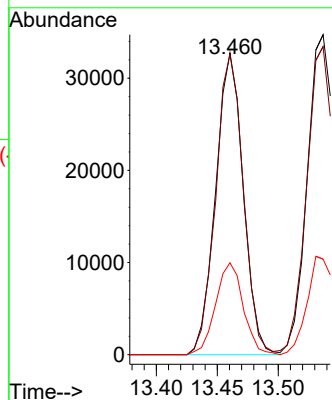
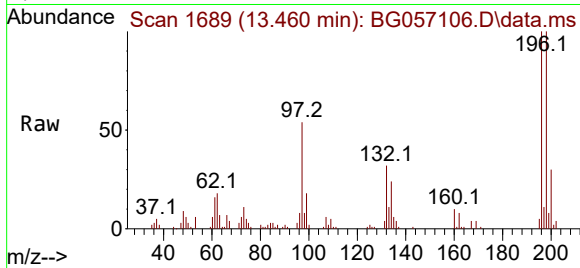




#43
2,4,6-Trichlorophenol
Concen: 47.478 ng
RT: 13.460 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

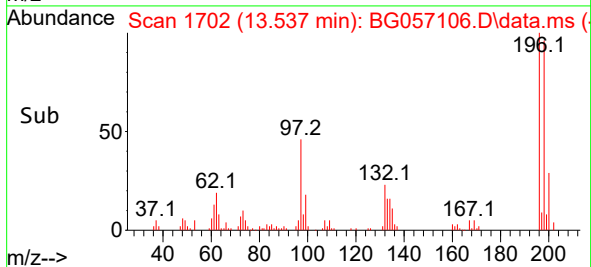
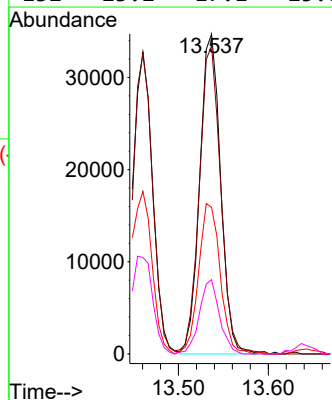
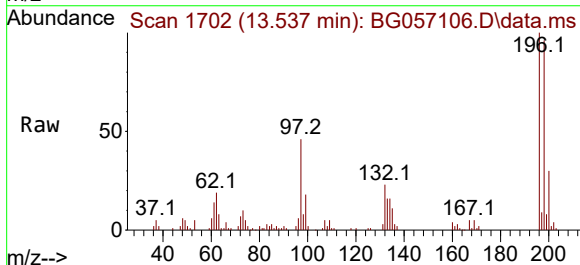
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

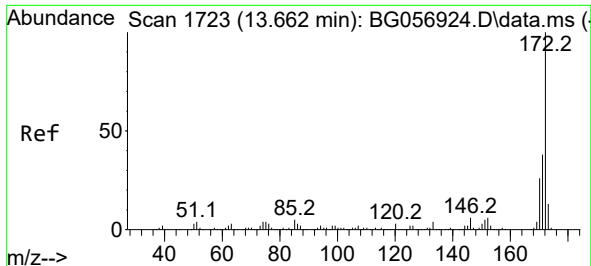
Tgt Ion:196 Resp: 51579
Ion Ratio Lower Upper
196 100
198 99.6 79.1 118.7
200 30.4 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 43.564 ng
RT: 13.537 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:196 Resp: 56067
Ion Ratio Lower Upper
196 100
198 96.3 82.5 123.7
97 45.8 37.0 55.6
132 23.2 17.1 25.7

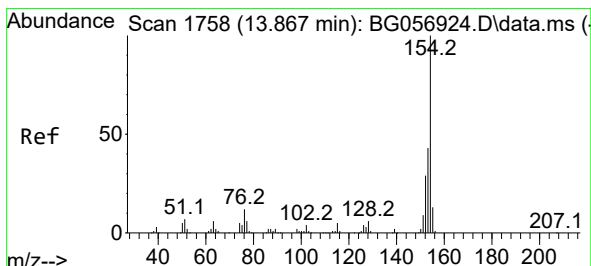
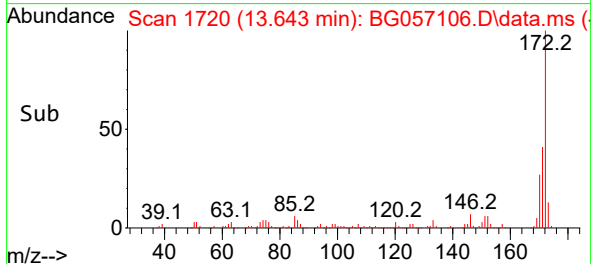
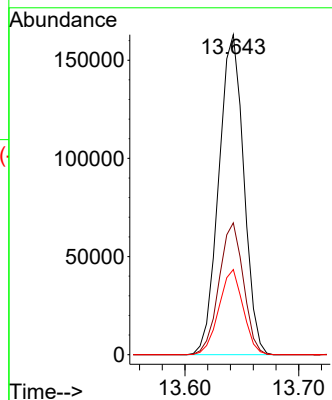
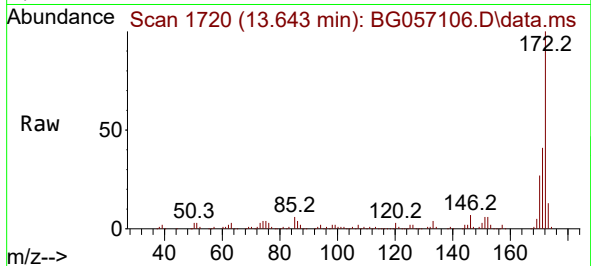




#45
2-Fluorobiphenyl
Concen: 68.785 ng
RT: 13.643 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

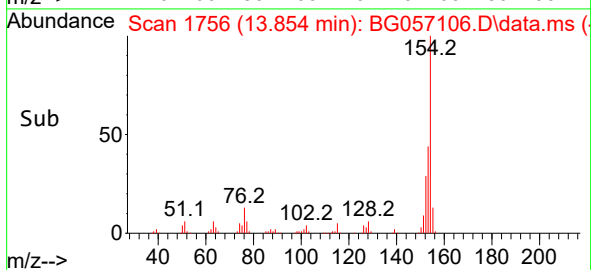
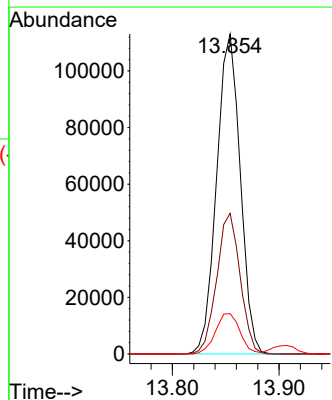
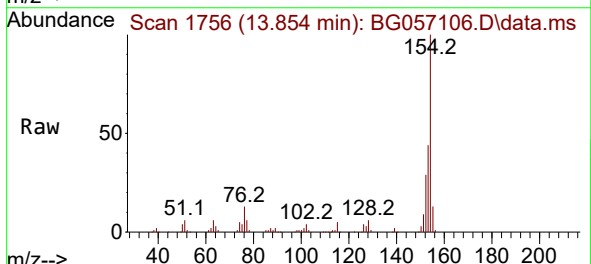
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

Tgt Ion:172 Resp: 249035
Ion Ratio Lower Upper
172 100
171 41.2 30.6 46.0
170 26.6 20.6 30.8



#46
1,1'-Biphenyl
Concen: 48.300 ng
RT: 13.854 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:154 Resp: 173581
Ion Ratio Lower Upper
154 100
153 44.0 23.4 63.4
76 12.6 0.0 31.6

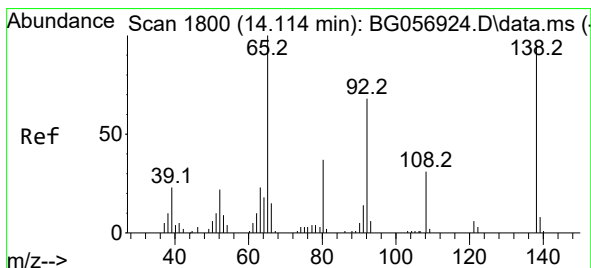
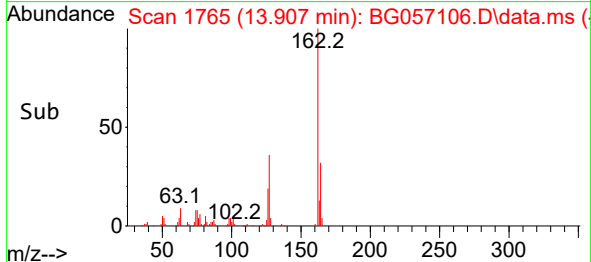
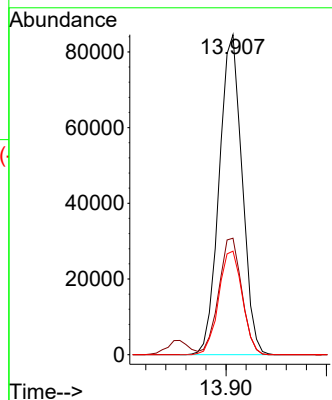
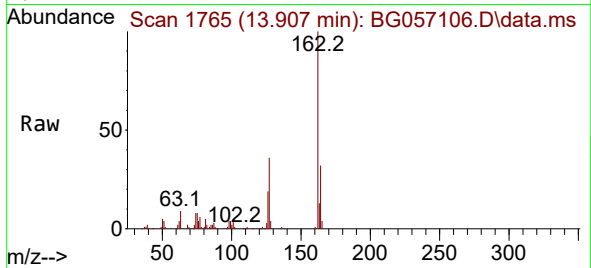




#47
2-Chloronaphthalene
Concen: 50.245 ng
RT: 13.907 min Scan# 1765
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

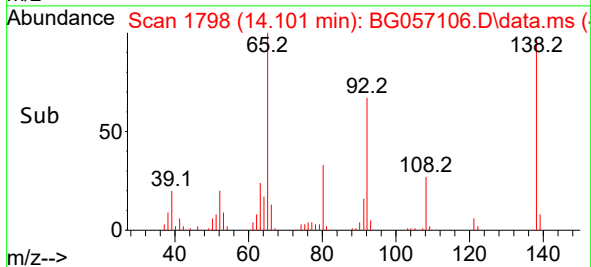
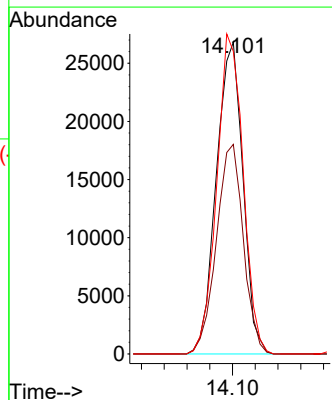
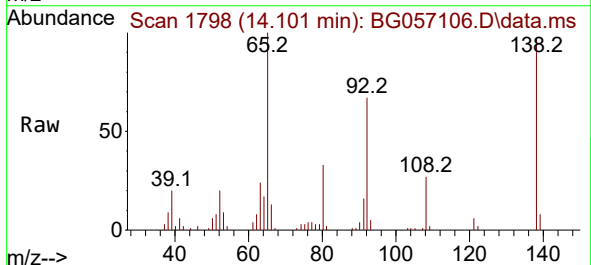
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

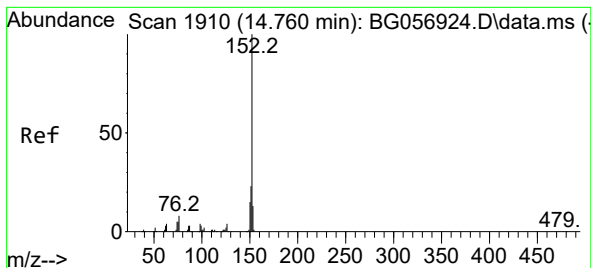
Tgt Ion:162 Resp: 133550
Ion Ratio Lower Upper
162 100
127 36.4 29.5 44.3
164 32.4 25.5 38.3



#48
2-Nitroaniline
Concen: 45.802 ng
RT: 14.101 min Scan# 1798
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion: 65 Resp: 43531
Ion Ratio Lower Upper
65 100
92 67.3 54.3 81.5
138 97.0 76.0 114.0





#49

Acenaphthylene

Concen: 47.331 ng

RT: 14.741 min Scan# 1910

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

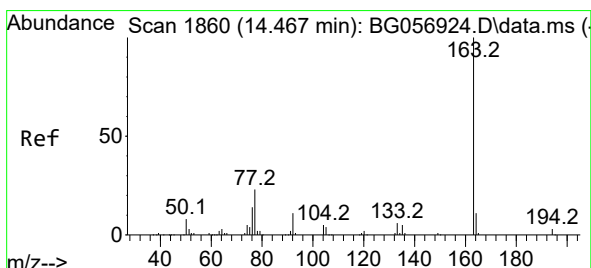
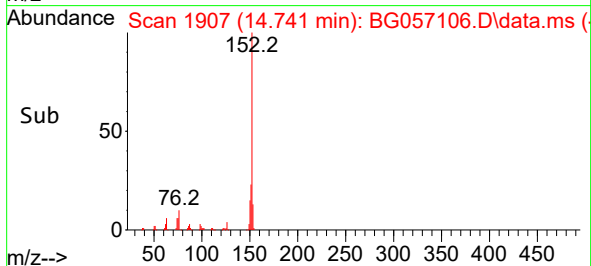
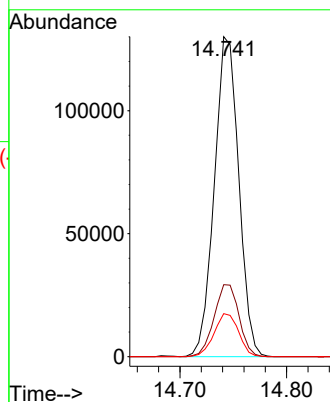
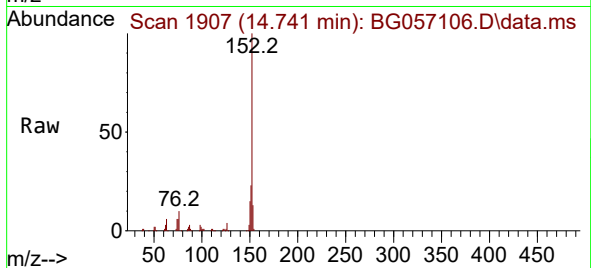
Tgt Ion:152 Resp: 206701

Ion Ratio Lower Upper

152 100

151 22.5 18.2 27.2

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 43.084 ng

RT: 14.453 min Scan# 1858

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

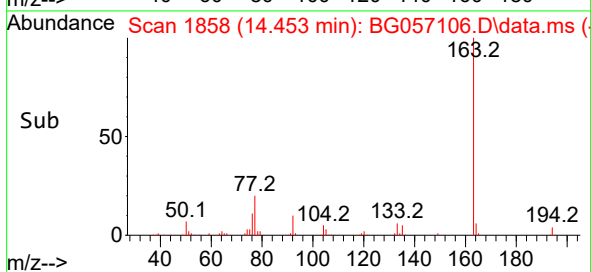
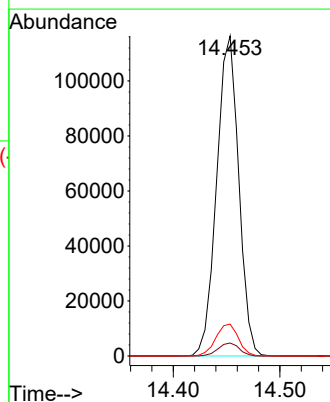
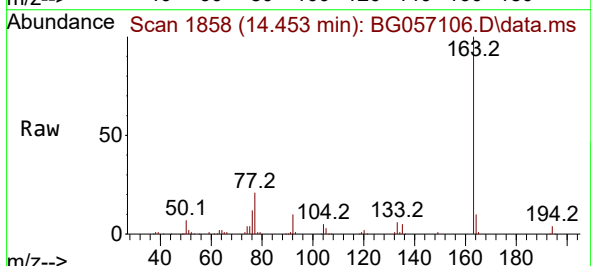
Tgt Ion:163 Resp: 166661

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

164 10.0 8.8 13.2

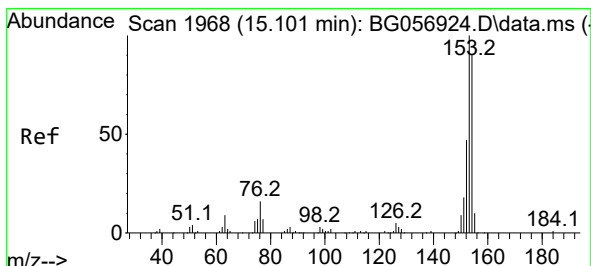
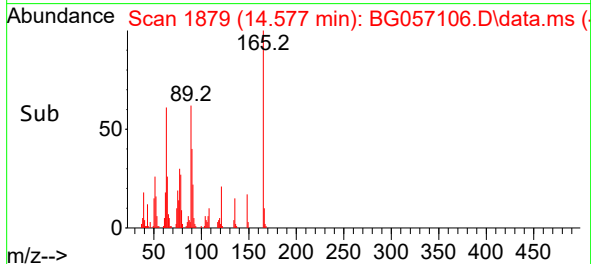
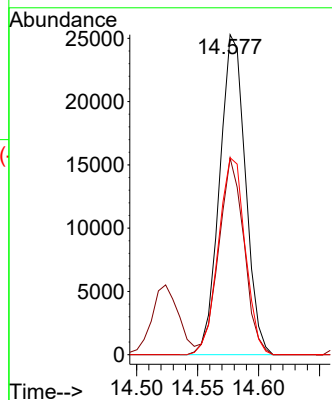
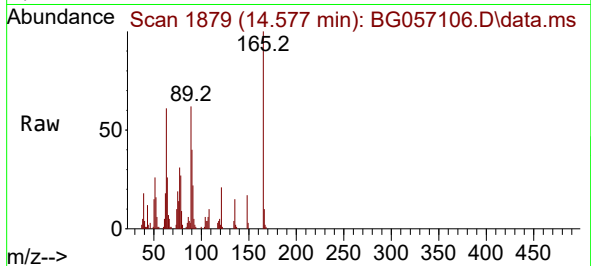




#51
2,6-Dinitrotoluene
Concen: 44.700 ng
RT: 14.577 min Scan# 1881
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

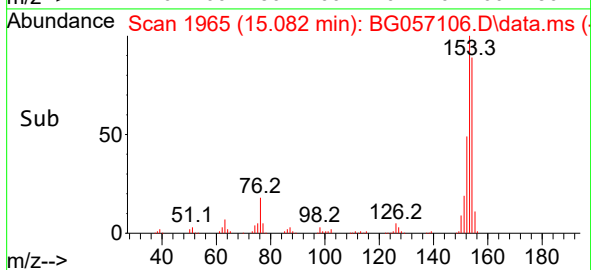
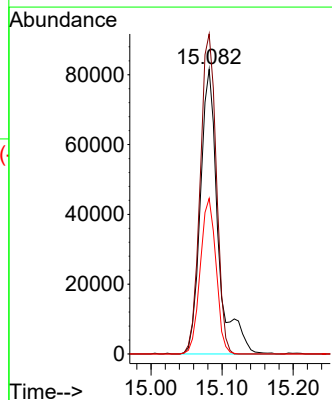
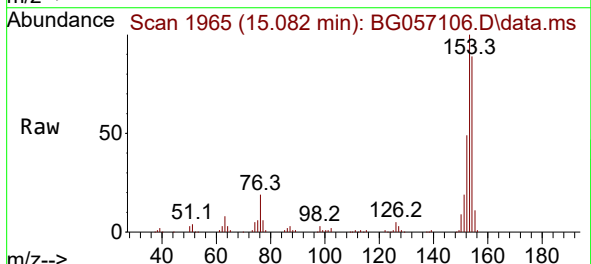
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

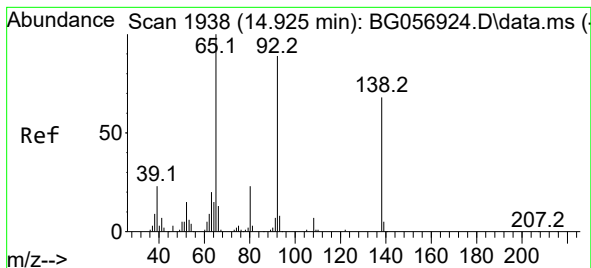
Tgt Ion:165 Resp: 37359
Ion Ratio Lower Upper
165 100
63 61.4 53.0 79.6
89 61.6 51.0 76.4



#52
Acenaphthene
Concen: 47.021 ng
RT: 15.082 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:154 Resp: 141622
Ion Ratio Lower Upper
154 100
153 112.4 88.9 133.3
152 54.6 41.8 62.8

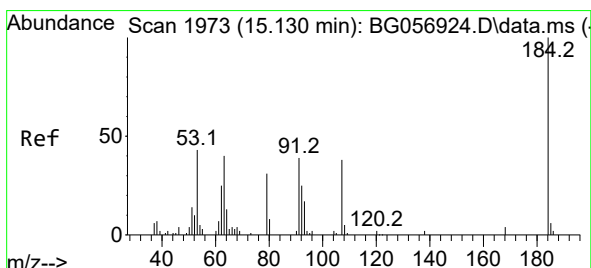
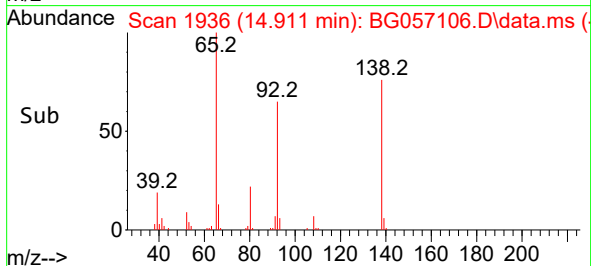
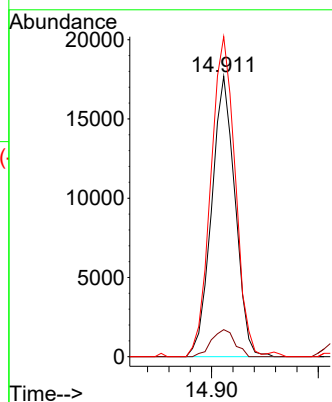
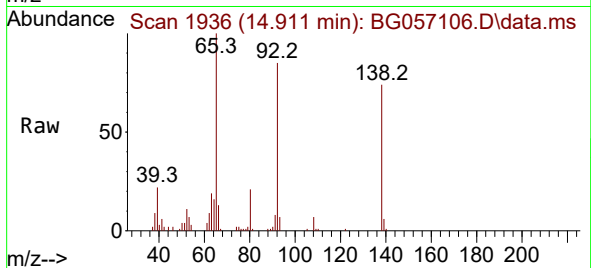




#53
3-Nitroaniline
Concen: 32.710 ng
RT: 14.911 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

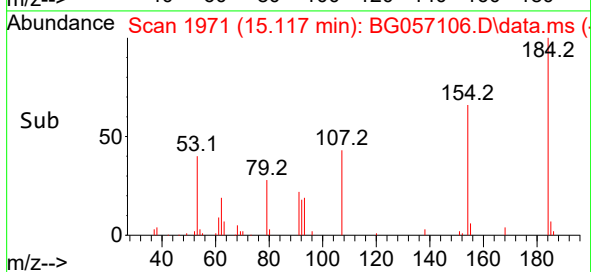
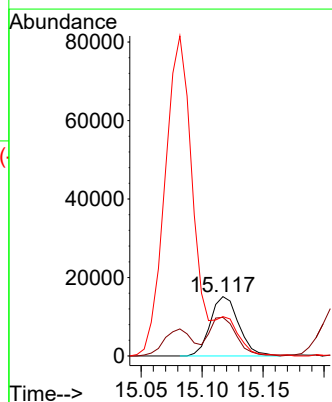
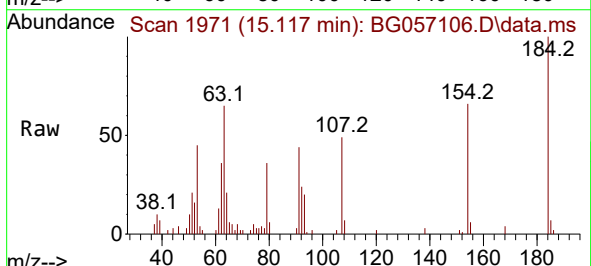
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

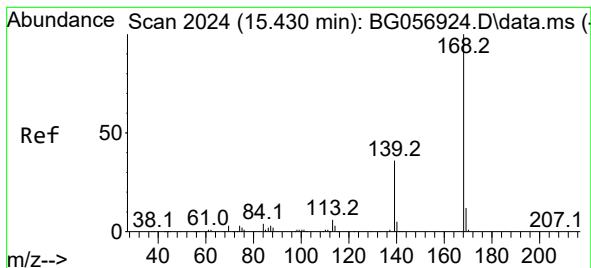
Tgt Ion:138 Resp: 27060
Ion Ratio Lower Upper
138 100
108 9.6 8.2 12.2
92 114.2 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 52.395 ng
RT: 15.117 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:184 Resp: 24648
Ion Ratio Lower Upper
184 100
63 65.1 46.5 69.7
154 66.4 53.5 80.3





#55

Dibenzenofuran

Concen: 44.854 ng

RT: 15.411 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

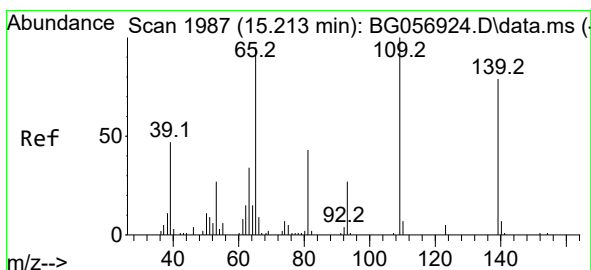
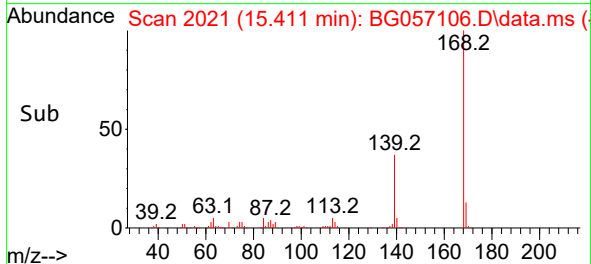
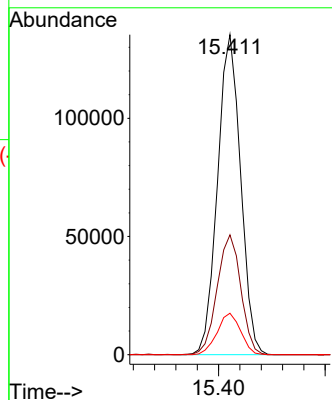
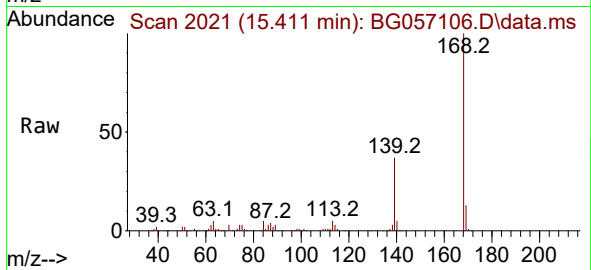
Tgt Ion:168 Resp: 202763

Ion Ratio Lower Upper

168 100

139 37.4 28.9 43.3

169 13.0 9.8 14.6



#56

4-Nitrophenol

Concen: 97.895 ng

RT: 15.211 min Scan# 1987

Delta R.T. 0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

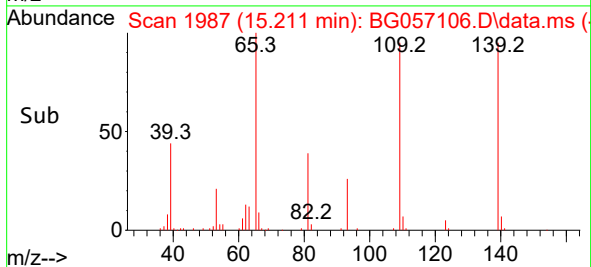
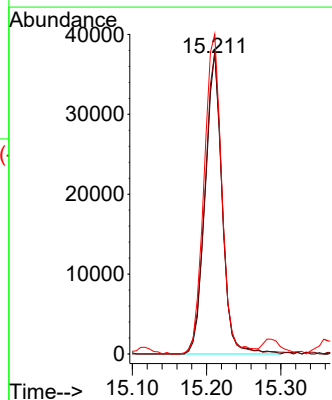
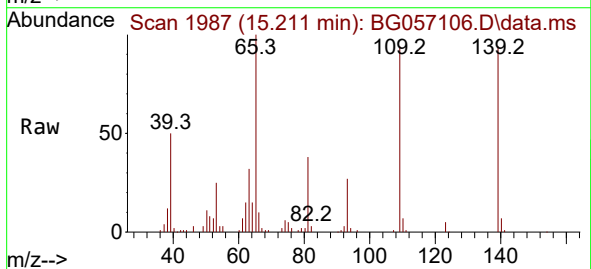
Tgt Ion:139 Resp: 59886

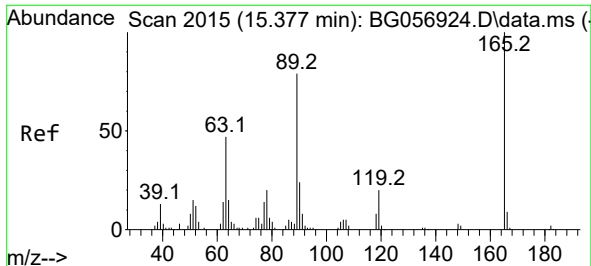
Ion Ratio Lower Upper

139 100

109 100.0 106.7 146.7#

65 106.1 100.5 140.5

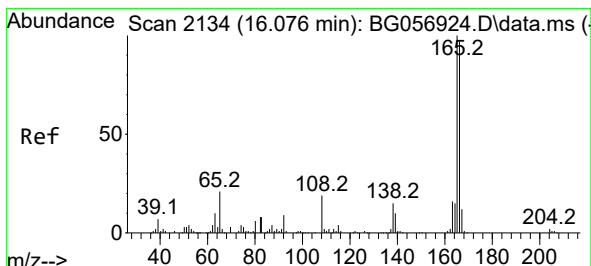
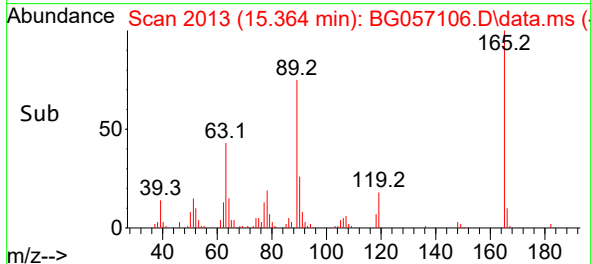
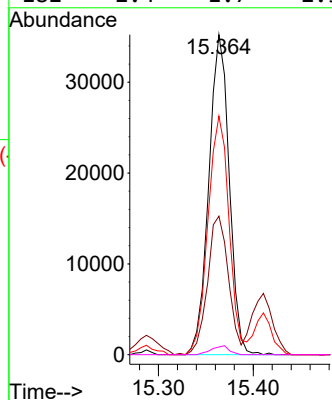
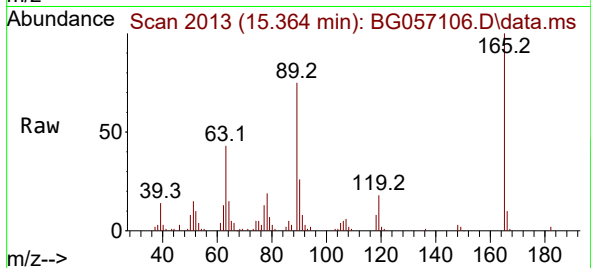




#57
2,4-Dinitrotoluene
Concen: 44.741 ng
RT: 15.364 min Scan# 2013
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

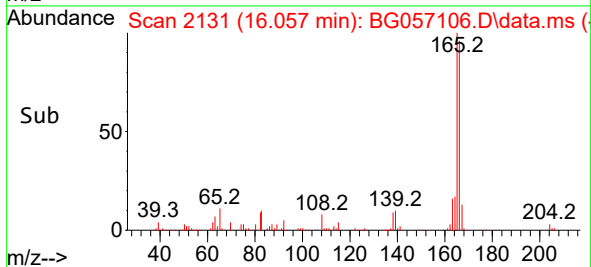
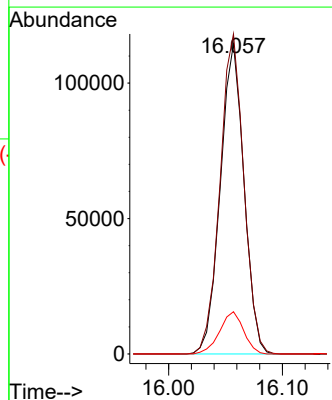
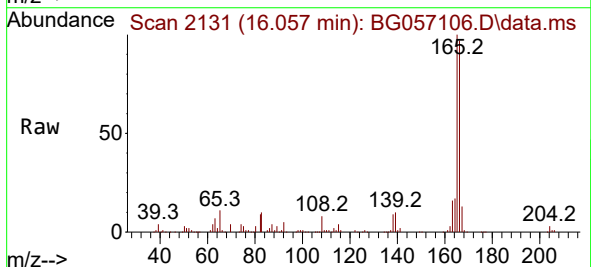
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

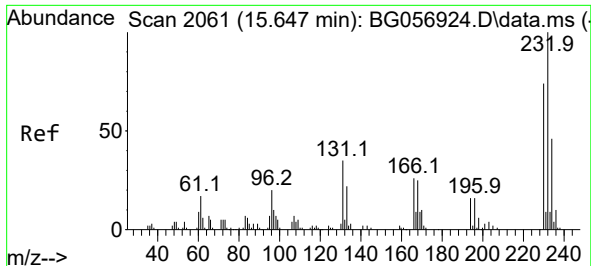
Tgt Ion:165 Resp: 52740
Ion Ratio Lower Upper
165 100
63 43.3 37.7 56.5
89 74.5 63.2 94.8
182 2.4 1.7 2.5



#58
Fluorene
Concen: 44.185 ng
RT: 16.057 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:166 Resp: 165281
Ion Ratio Lower Upper
166 100
165 103.1 82.6 123.8
167 13.6 10.2 15.2

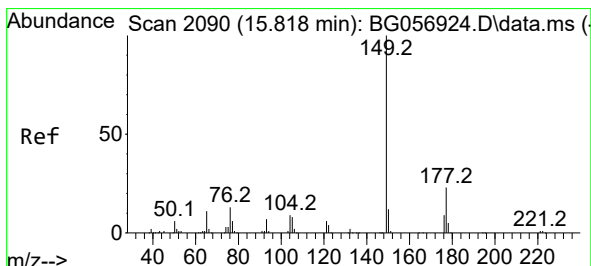
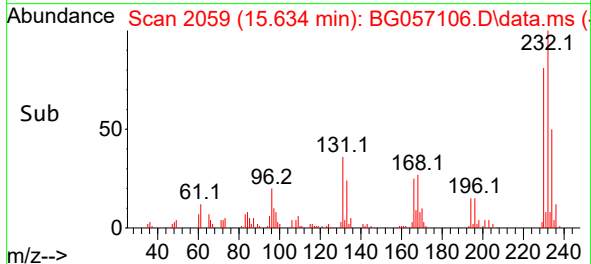
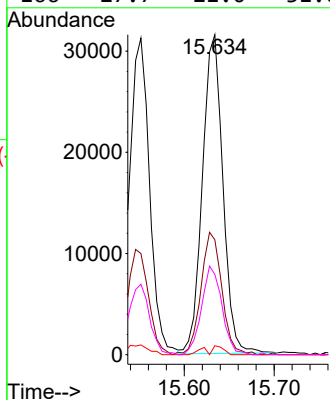
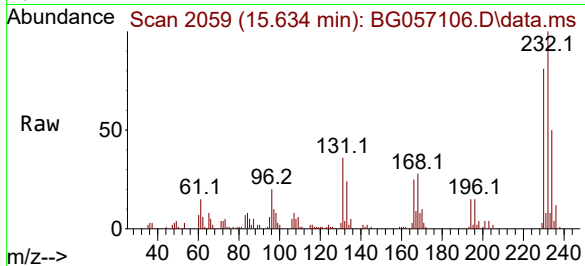




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.554 ng
RT: 15.634 min Scan# 2061
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

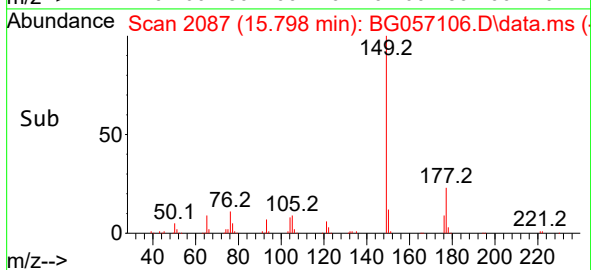
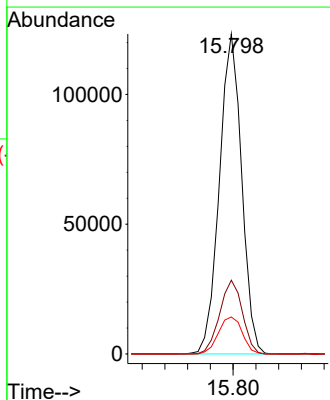
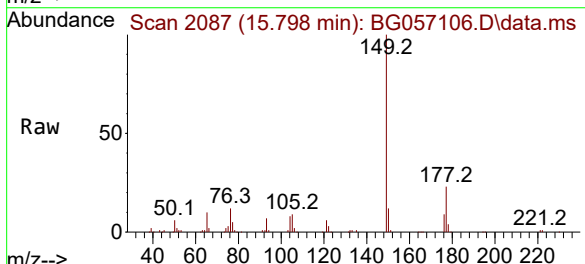
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

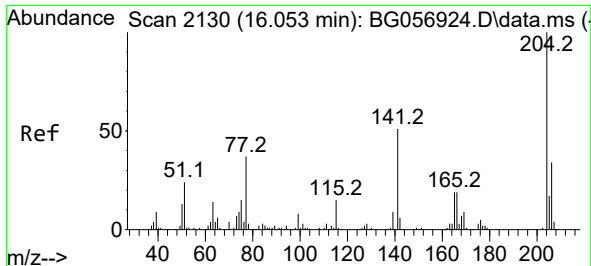
Tgt Ion:232 Resp: 49865
Ion Ratio Lower Upper
232 100
131 39.3 29.3 43.9
130 1.5 1.7 2.5#
166 27.7 21.0 31.6



#60
Diethylphthalate
Concen: 43.152 ng
RT: 15.798 min Scan# 2087
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:149 Resp: 167341
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 11.6 9.4 14.2

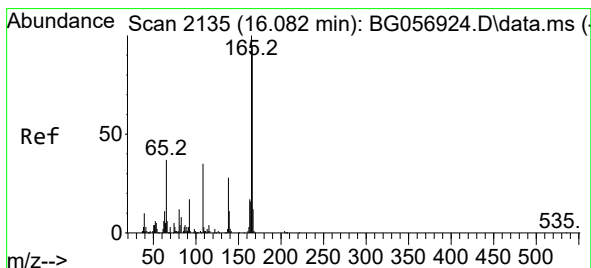
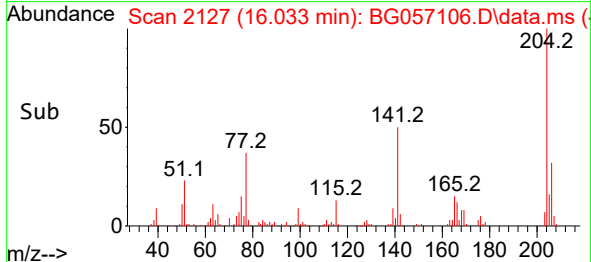
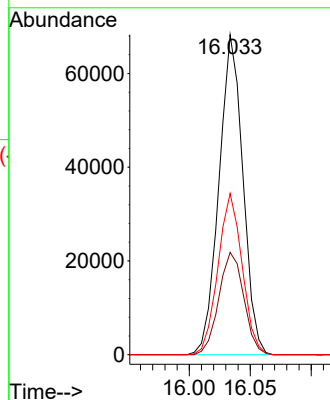
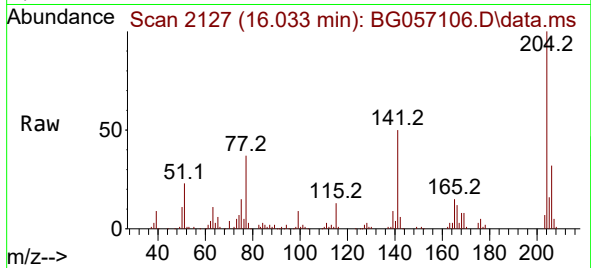




#61
4-Chlorophenyl-phenylether
Concen: 42.415 ng
RT: 16.033 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

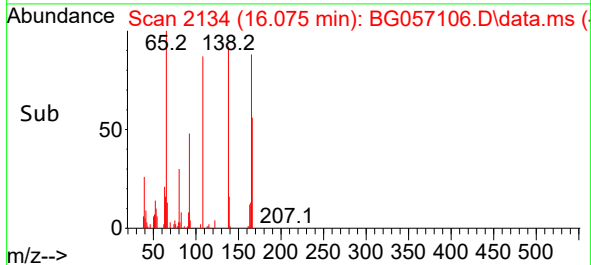
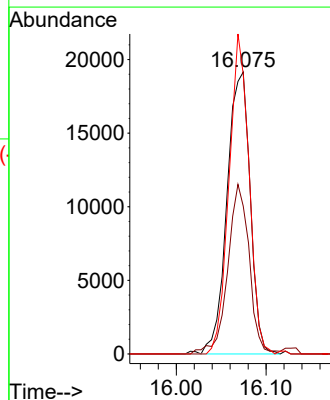
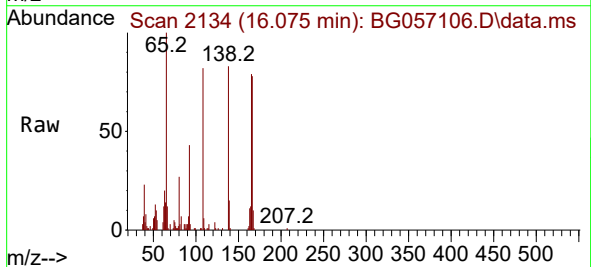
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

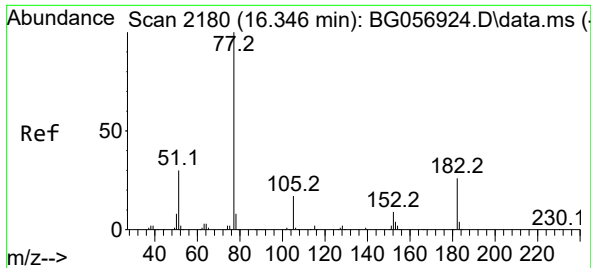
Tgt Ion:204 Resp: 93153
Ion Ratio Lower Upper
204 100
206 31.9 27.2 40.8
141 50.4 40.7 61.1



#62
4-Nitroaniline
Concen: 40.102 ng
RT: 16.075 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:138 Resp: 34372
Ion Ratio Lower Upper
138 100
92 52.4 40.9 80.9
108 99.2 104.3 144.3#

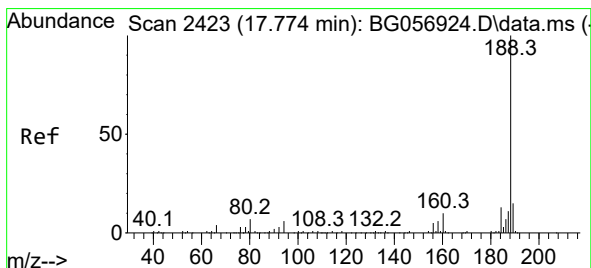
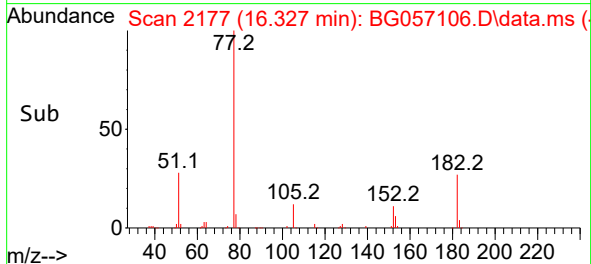
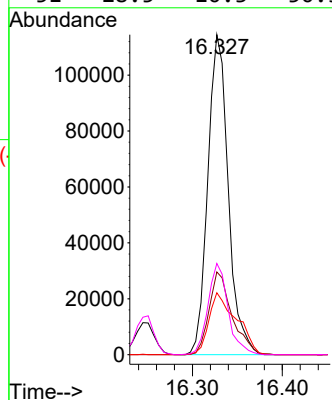
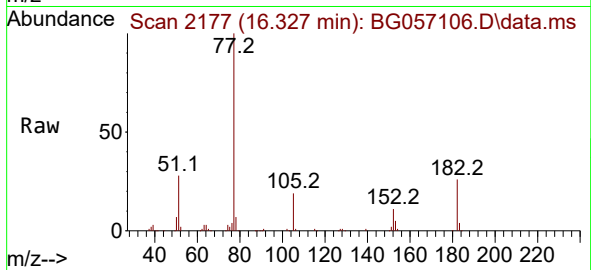




#63
Azobenzene
Concen: 46.821 ng
RT: 16.327 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

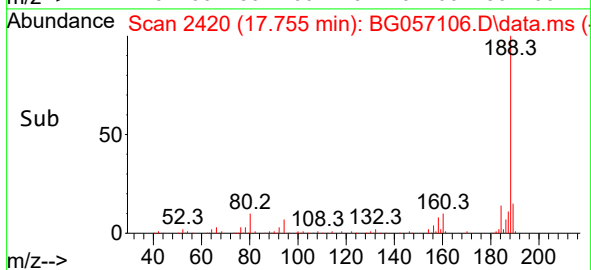
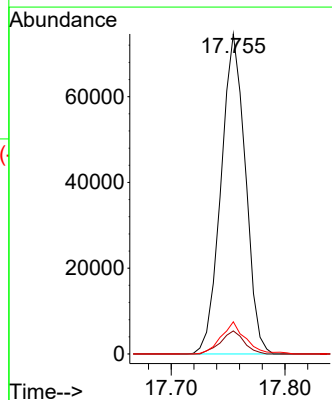
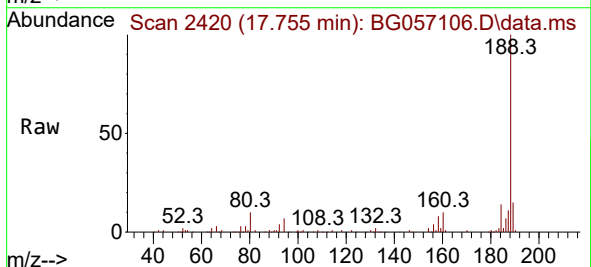
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

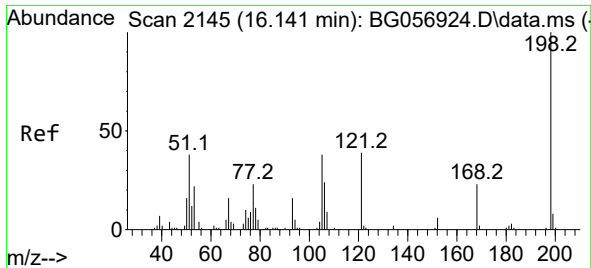
Tgt Ion: 77 Resp: 180946
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 19.3 0.0 36.8
51 28.5 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.755 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion: 188 Resp: 110989
Ion Ratio Lower Upper
188 100
94 7.2 4.6 6.8#
80 10.1 5.5 8.3#

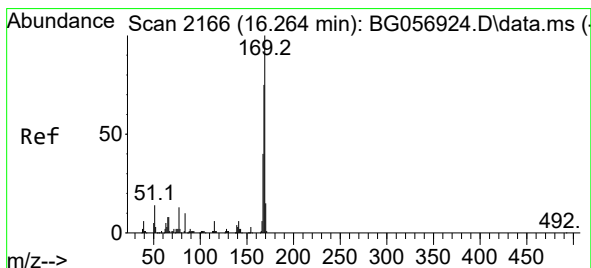
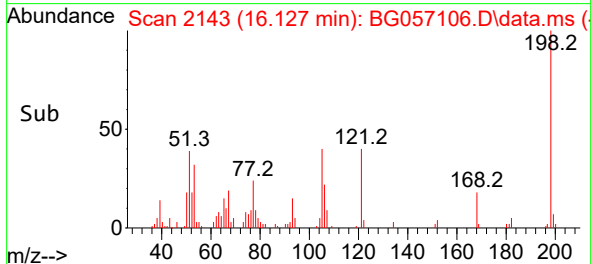
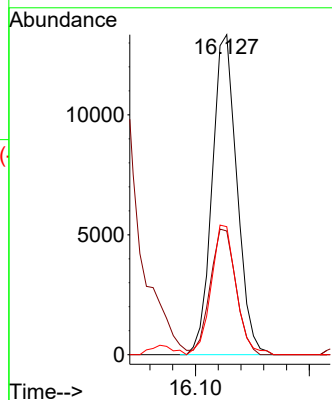
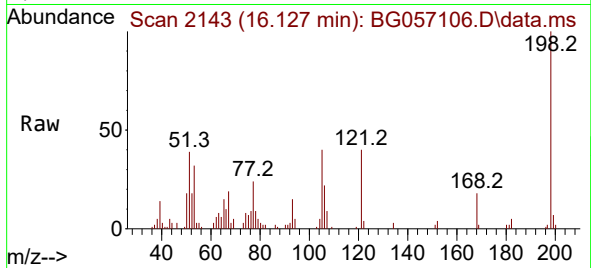




#65
4,6-Dinitro-2-methylphenol
Concen: 30.046 ng
RT: 16.127 min Scan# 2143
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

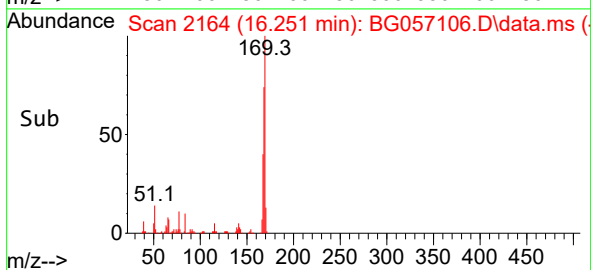
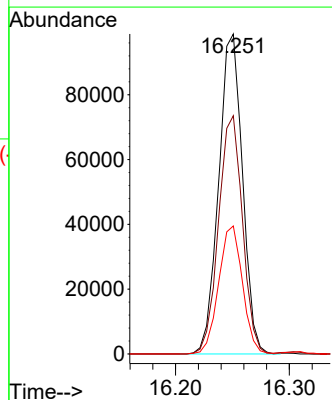
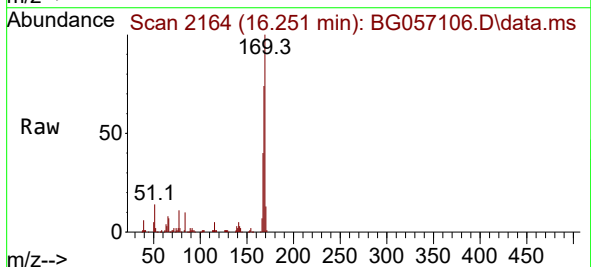
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

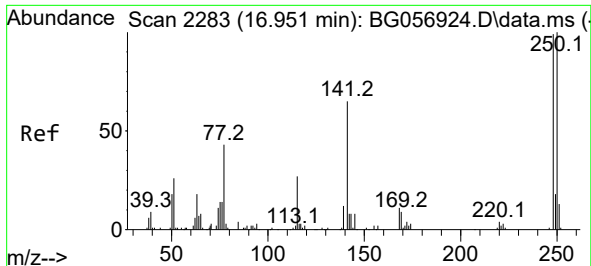
Tgt Ion:198 Resp: 20197
Ion Ratio Lower Upper
198 100
51 38.7 20.5 60.5
105 40.0 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 48.170 ng
RT: 16.251 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:169 Resp: 143520
Ion Ratio Lower Upper
169 100
168 74.5 59.6 89.4
167 40.0 31.8 47.8

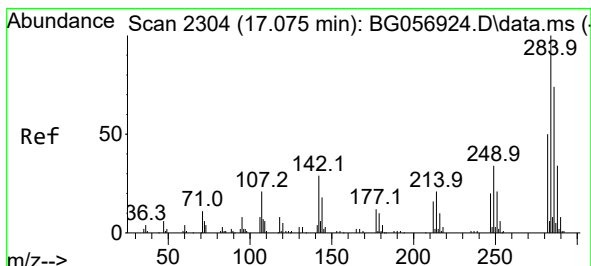
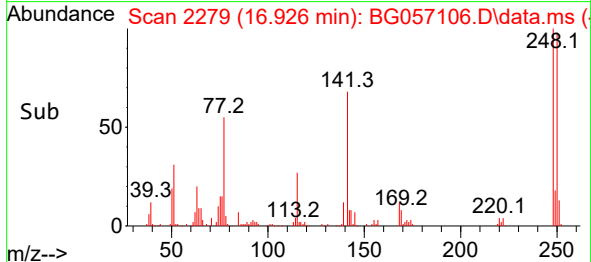
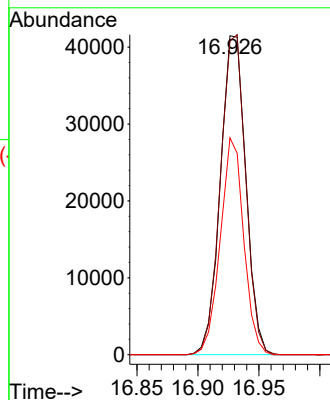
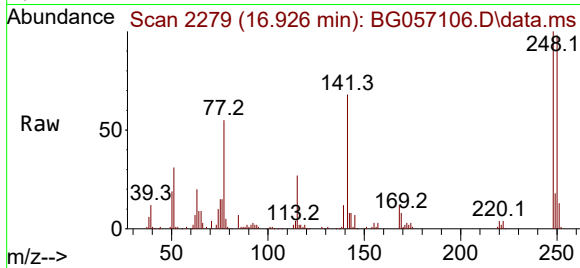




#67
4-Bromophenyl-phenylether
Concen: 43.870 ng
RT: 16.926 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

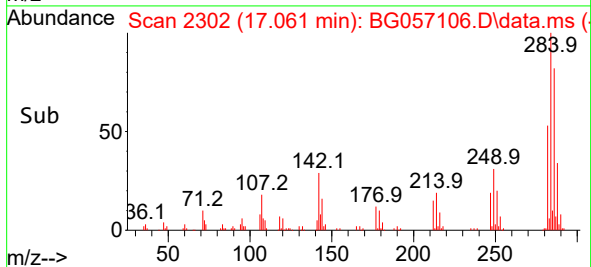
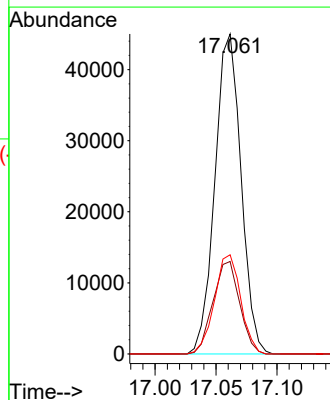
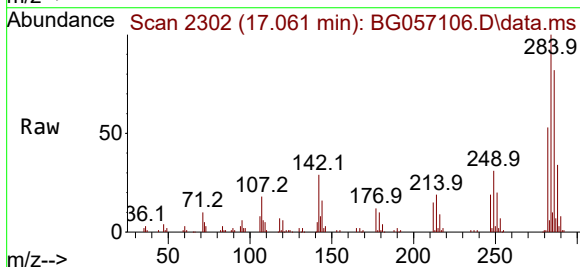
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

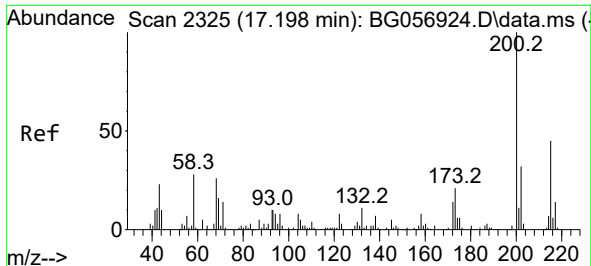
Tgt Ion:248 Resp: 60246
Ion Ratio Lower Upper
248 100
250 98.4 80.5 120.7
141 68.0 52.0 78.0



#68
Hexachlorobenzene
Concen: 49.396 ng
RT: 17.061 min Scan# 2302
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:284 Resp: 67065
Ion Ratio Lower Upper
284 100
142 28.9 23.0 34.4
249 31.0 27.1 40.7

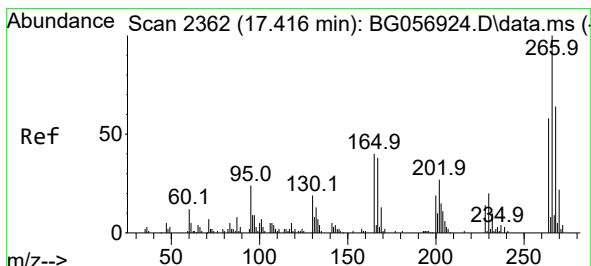
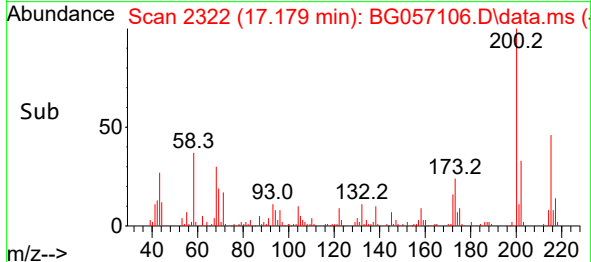
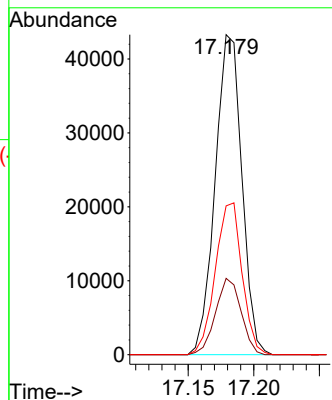
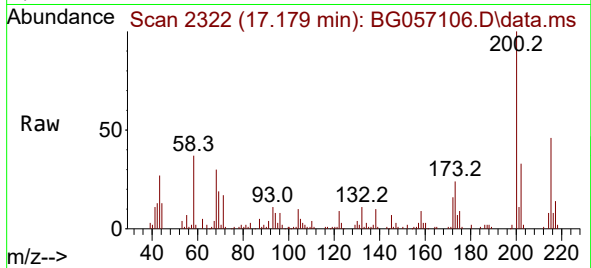




#69
 Atrazine
 Concen: 49.470 ng
 RT: 17.179 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

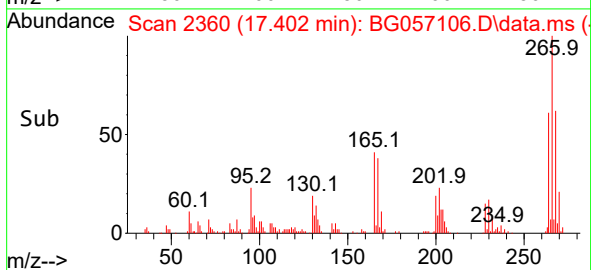
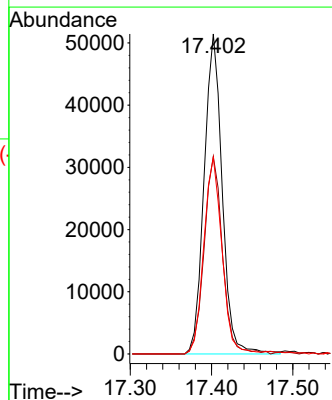
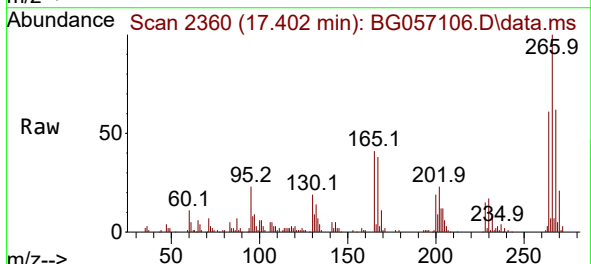
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MSD

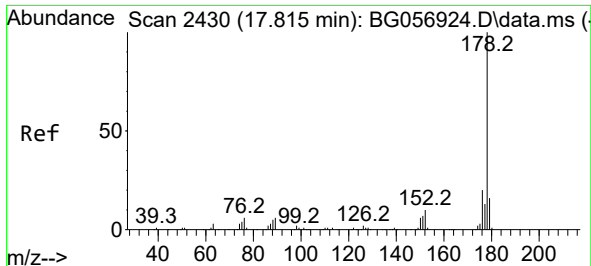
Tgt Ion:200 Resp: 61183
 Ion Ratio Lower Upper
 200 100
 173 23.9 1.0 41.0
 215 46.5 25.0 65.0



#70
 Pentachlorophenol
 Concen: 81.409 ng
 RT: 17.402 min Scan# 2360
 Delta R.T. -0.003 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

Tgt Ion:266 Resp: 79296
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.0 76.6
 264 61.4 46.8 70.2

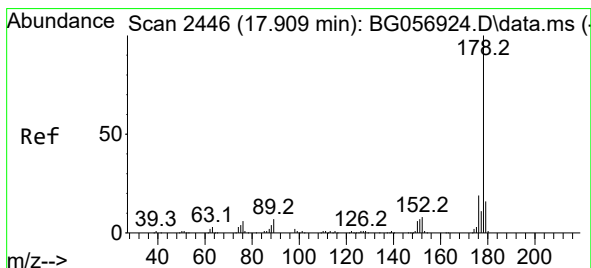
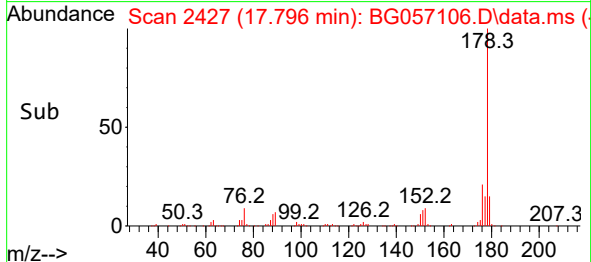
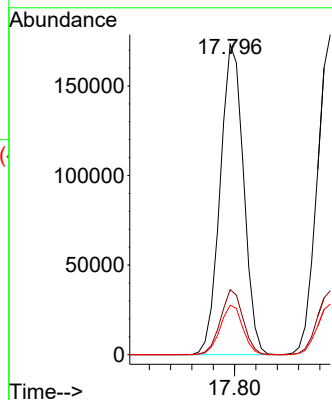
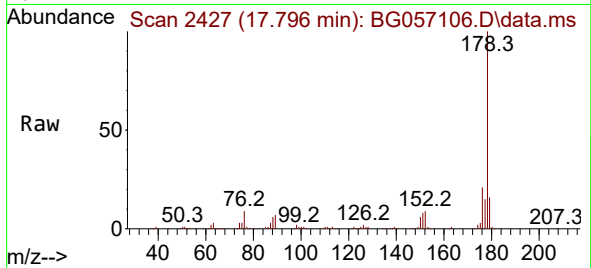




#71
Phenanthrene
Concen: 46.572 ng
RT: 17.796 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

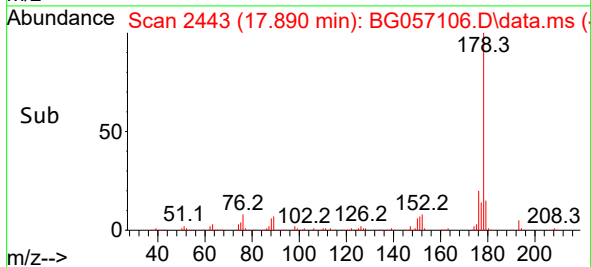
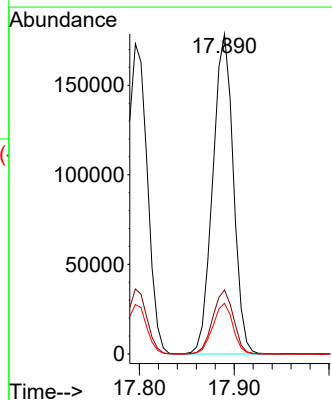
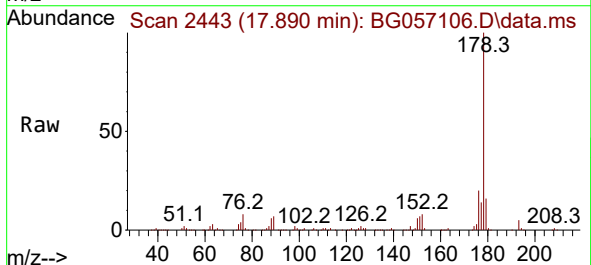
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

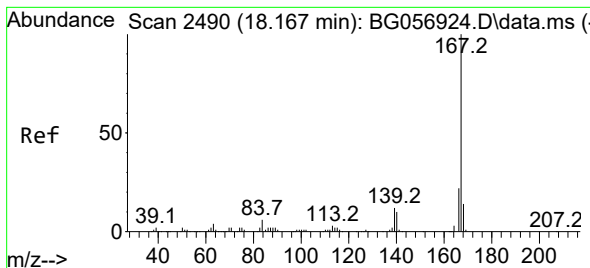
Tgt Ion:178 Resp: 263538
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.2
179 15.9 12.5 18.7



#72
Anthracene
Concen: 46.417 ng
RT: 17.890 min Scan# 2443
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:178 Resp: 269262
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 15.9 12.4 18.6





#73

Carbazole

Concen: 46.945 ng

RT: 18.154 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

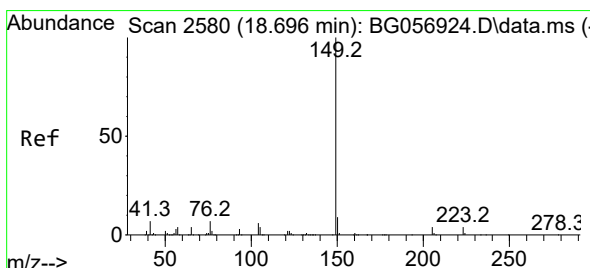
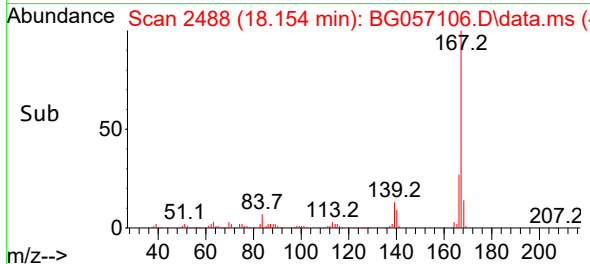
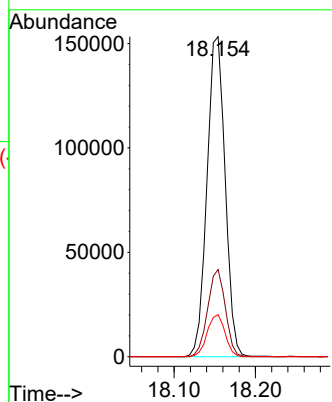
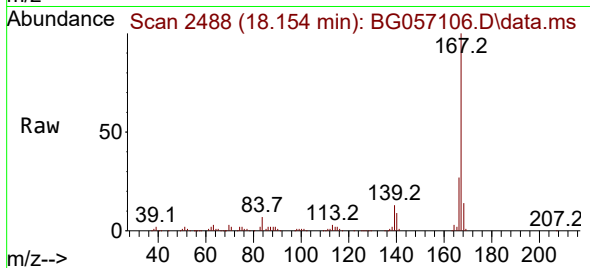
Tgt Ion:167 Resp: 237431

Ion Ratio Lower Upper

167 100

166 27.3 17.9 26.9#

139 13.2 9.5 14.3



#74

Di-n-butylphthalate

Concen: 48.636 ng

RT: 18.671 min Scan# 2576

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

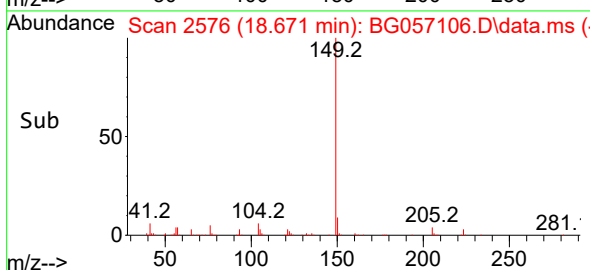
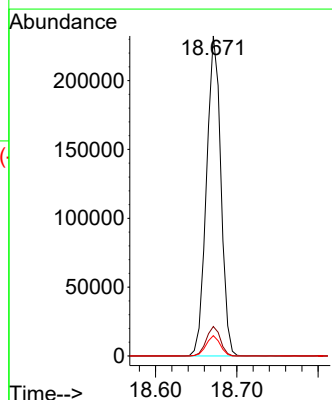
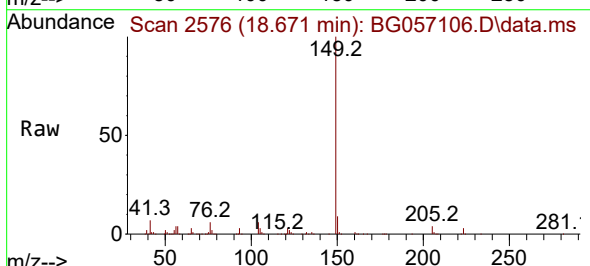
Tgt Ion:149 Resp: 284845

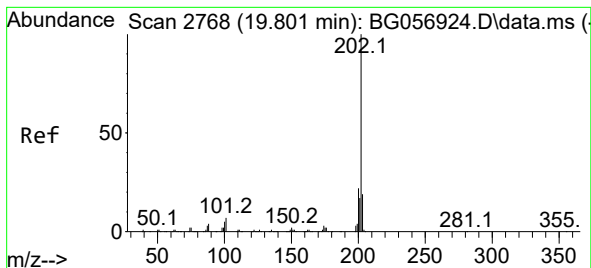
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.4 4.9 7.3





#75

Fluoranthene

Concen: 42.845 ng

RT: 19.787 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

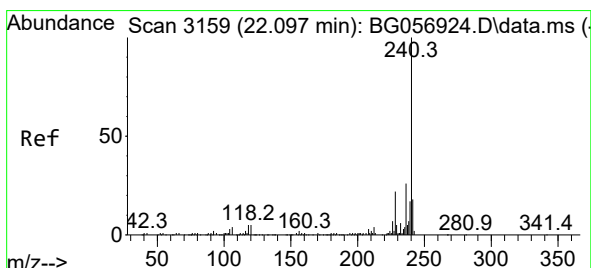
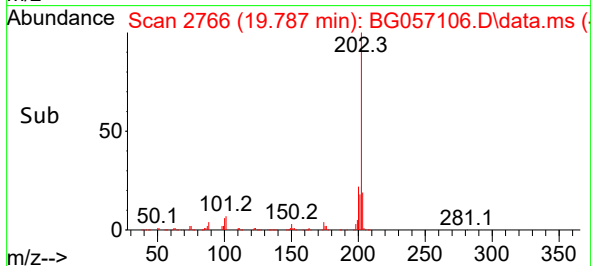
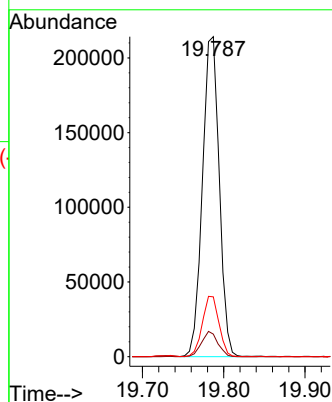
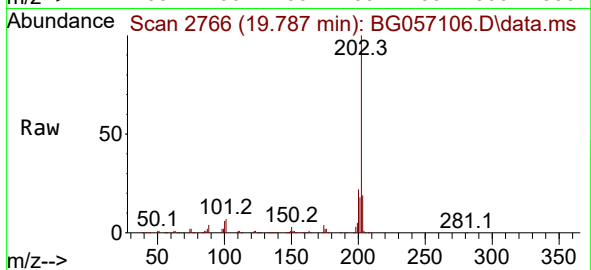
Tgt Ion:202 Resp: 307339

Ion Ratio Lower Upper

202 100

101 7.0 0.0 26.7

203 18.7 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.072 min Scan# 3155

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

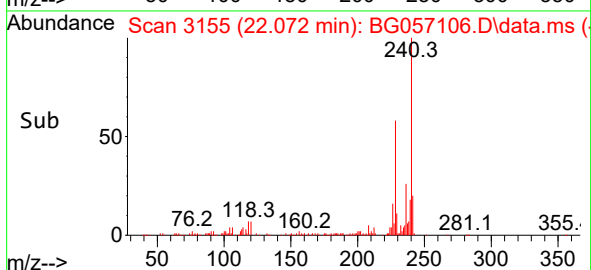
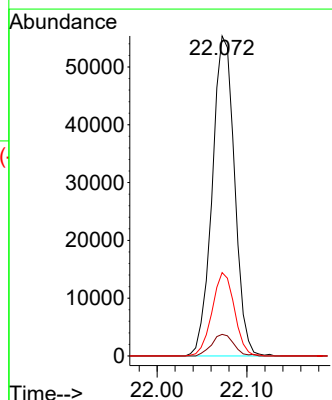
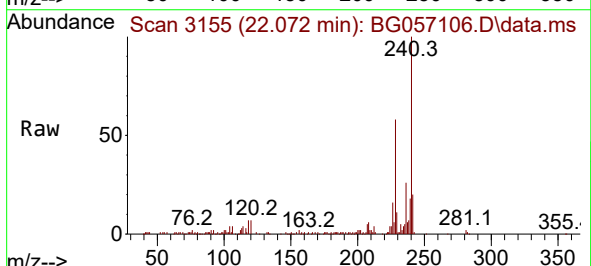
Tgt Ion:240 Resp: 95434

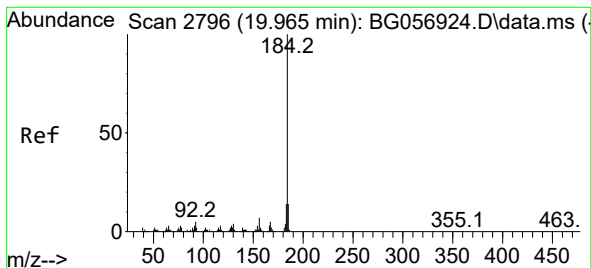
Ion Ratio Lower Upper

240 100

120 6.7 3.8 5.6#

236 26.0 21.0 31.6





#77

Benzidine

Concen: 67.542 ng

RT: 19.952 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

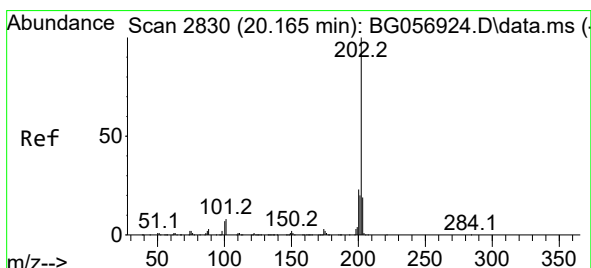
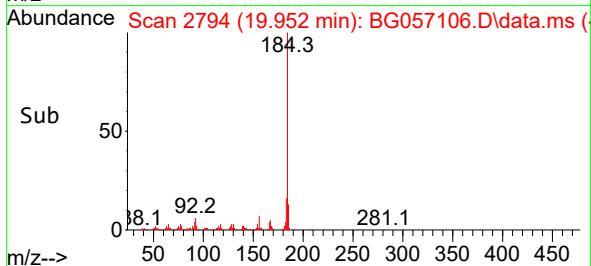
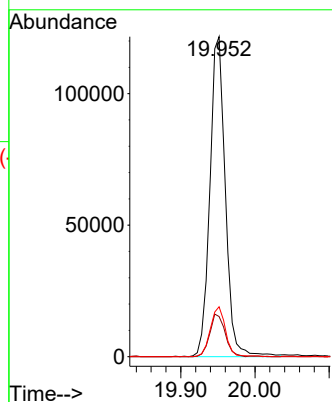
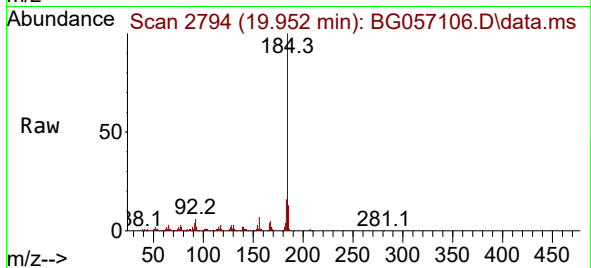
Tgt Ion:184 Resp: 176186

Ion Ratio Lower Upper

184 100

185 12.6 11.0 16.4

183 15.6 11.4 17.0



#78

Pyrene

Concen: 47.162 ng

RT: 20.146 min Scan# 2827

Delta R.T. -0.003 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

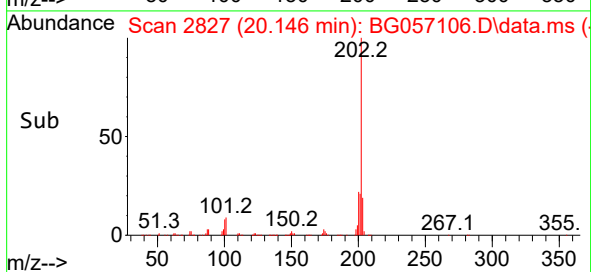
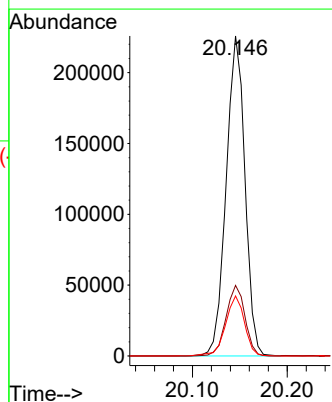
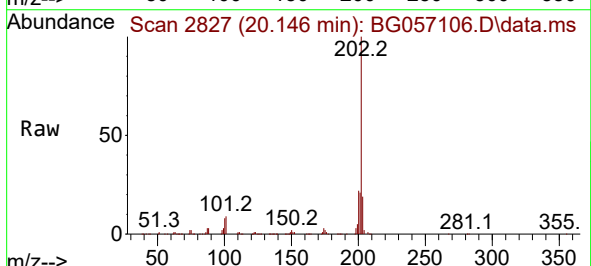
Tgt Ion:202 Resp: 311302

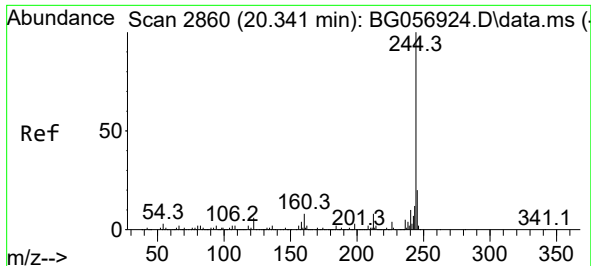
Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

203 18.8 15.4 23.2

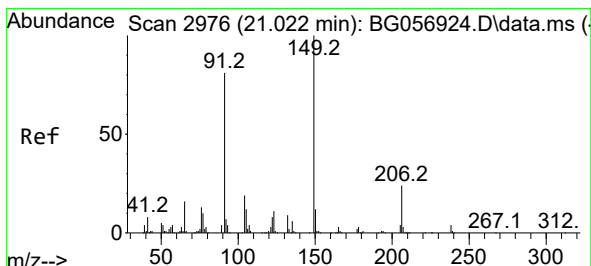
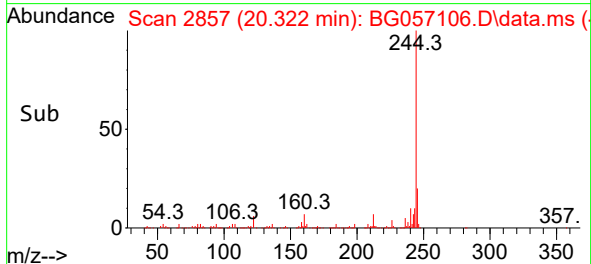
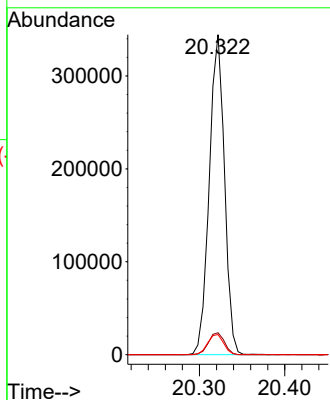
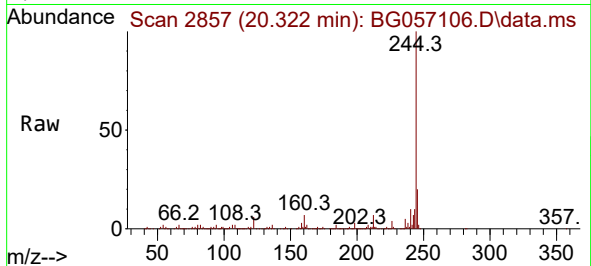




#79
 Terphenyl-d14
 Concen: 75.670 ng
 RT: 20.322 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

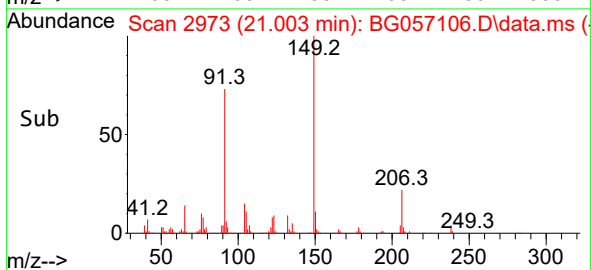
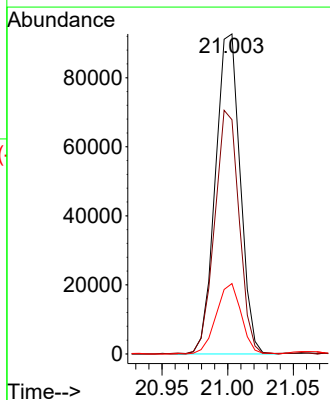
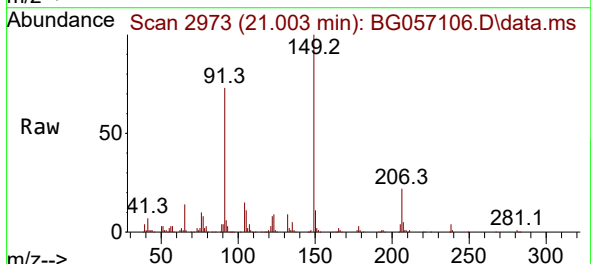
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MSD

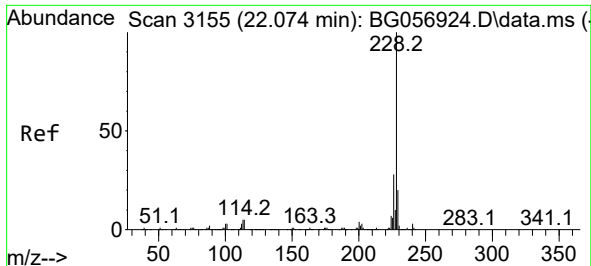
Tgt Ion:244 Resp: 426762
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 6.3 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 53.446 ng
 RT: 21.003 min Scan# 2973
 Delta R.T. -0.003 min
 Lab File: BG057106.D
 Acq: 14 Apr 2023 19:13

Tgt Ion:149 Resp: 121399
 Ion Ratio Lower Upper
 149 100
 91 73.2 64.4 96.6
 206 22.0 18.9 28.3

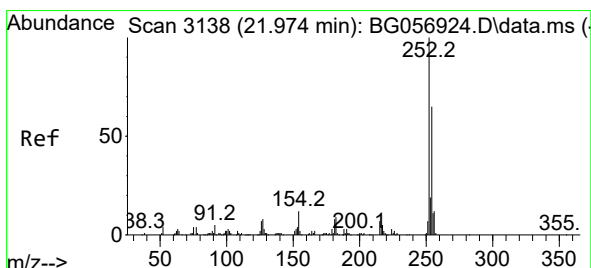
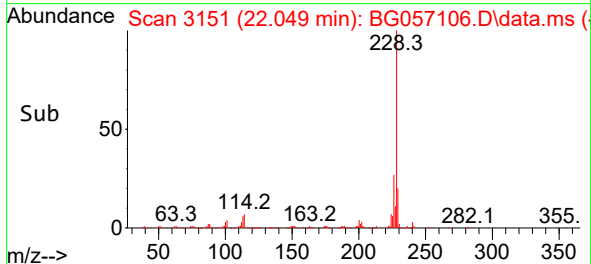
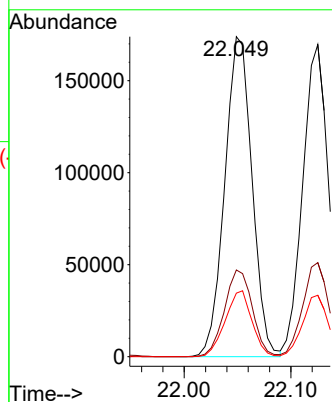
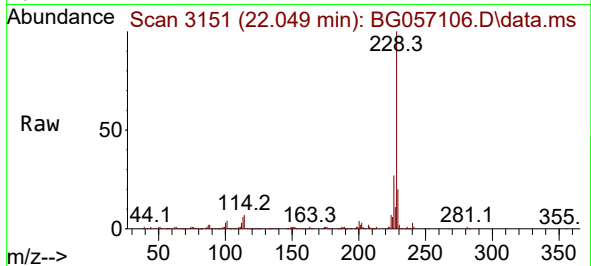




#81
Benzo(a)anthracene
Concen: 46.891 ng
RT: 22.049 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

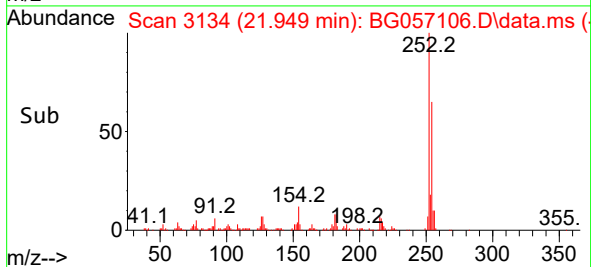
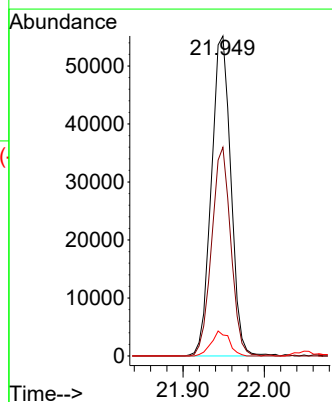
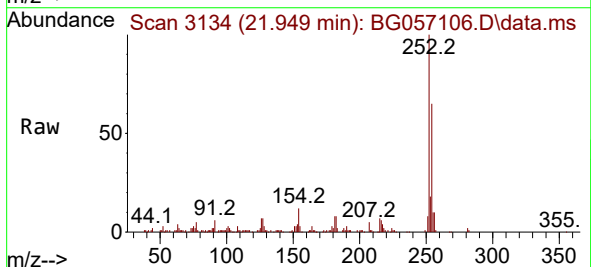
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

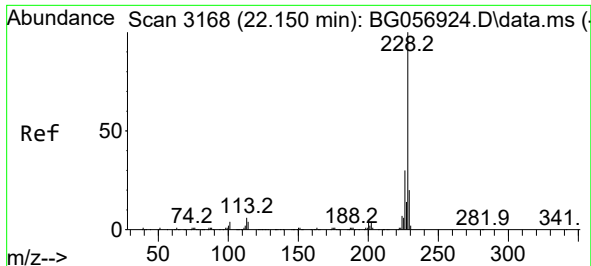
Tgt Ion:228 Resp: 309670
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.189 ng
RT: 21.949 min Scan# 3134
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:252 Resp: 91852
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 6.6 5.6 8.4

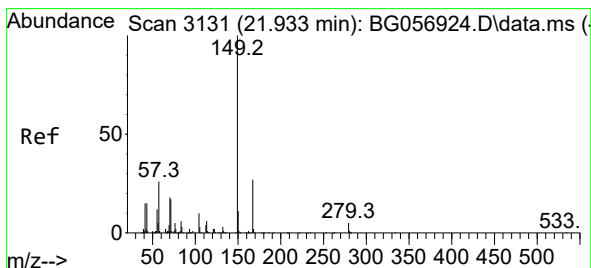
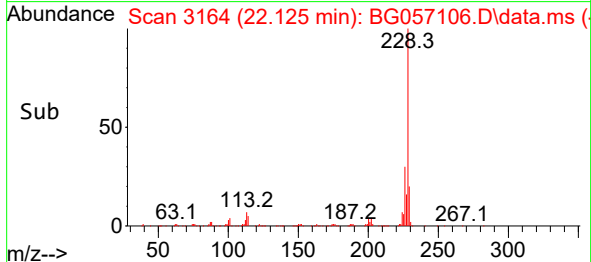
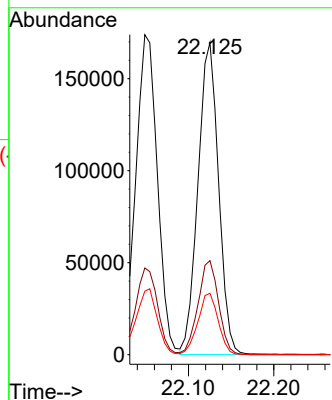
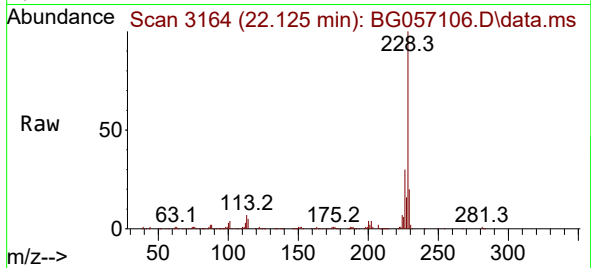




#83
Chrysene
Concen: 46.001 ng
RT: 22.125 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

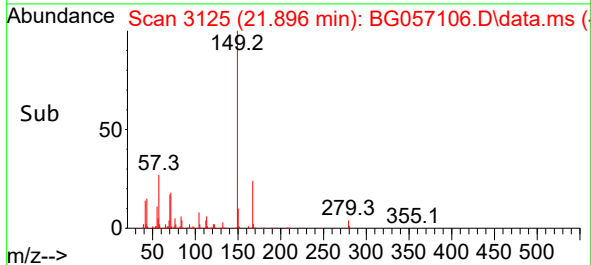
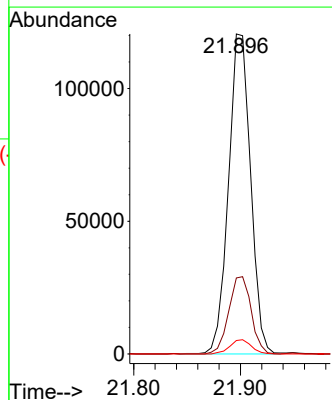
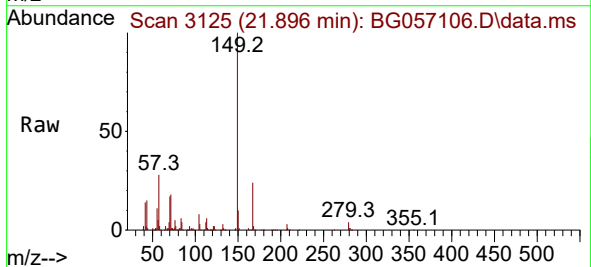
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

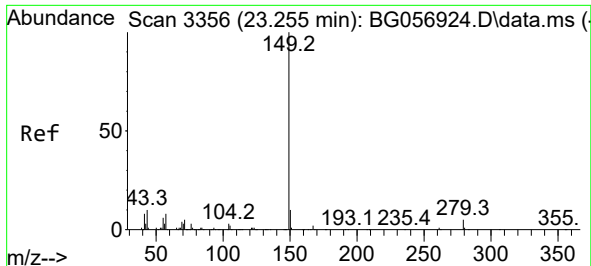
Tgt Ion:228 Resp: 284442
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.743 ng
RT: 21.896 min Scan# 3125
Delta R.T. -0.014 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:149 Resp: 173477
Ion Ratio Lower Upper
149 100
167 23.8 21.4 32.2
279 4.2 3.9 5.9

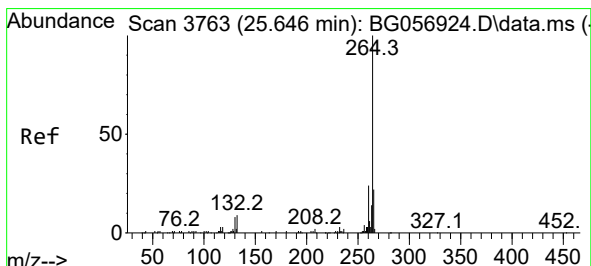
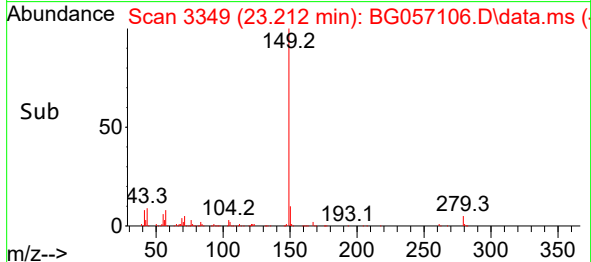
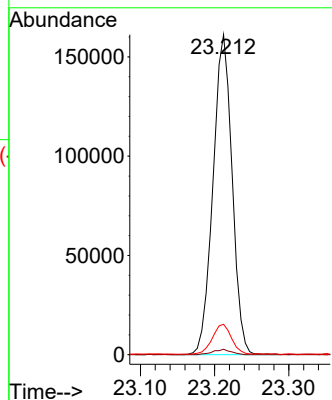
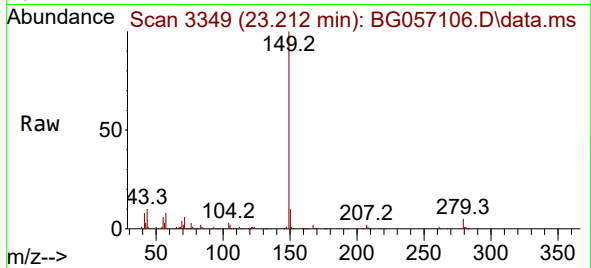




#85
Di-n-octyl phthalate
Concen: 52.049 ng
RT: 23.212 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

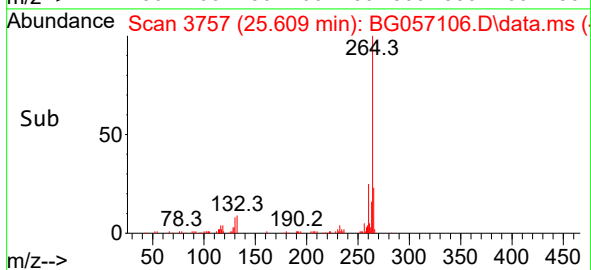
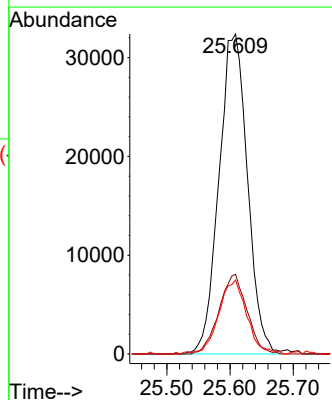
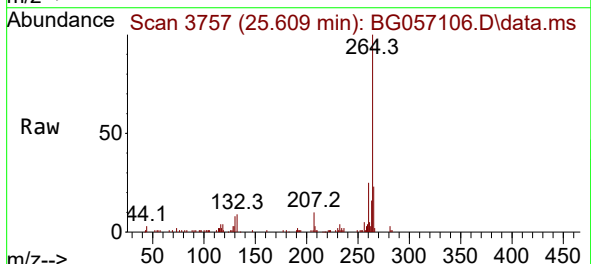
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MSD

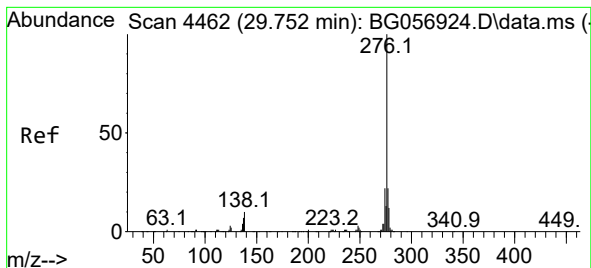
Tgt Ion:149 Resp: 288492
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.609 min Scan# 3757
Delta R.T. -0.003 min
Lab File: BG057106.D
Acq: 14 Apr 2023 19:13

Tgt Ion:264 Resp: 101601
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.4
265 23.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.969 ng

RT: 29.691 min Scan# 4452

Delta R.T. -0.020 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

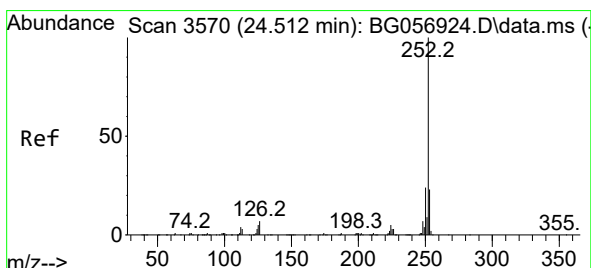
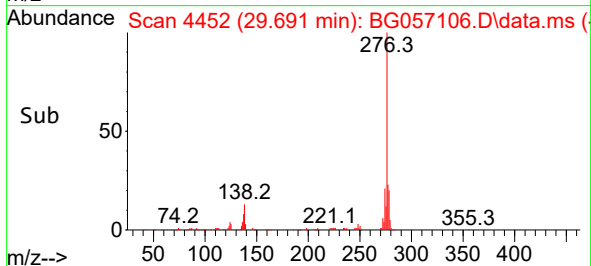
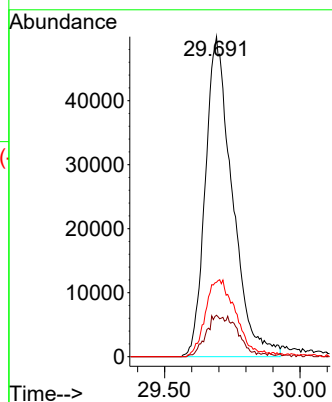
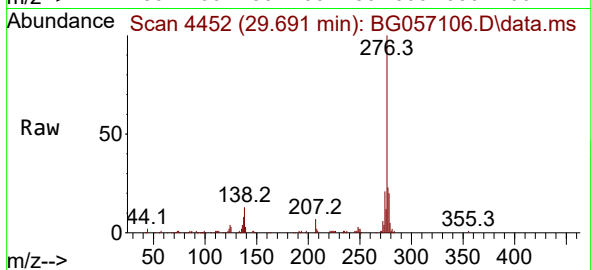
Tgt Ion:276 Resp: 345174

Ion Ratio Lower Upper

276 100

138 8.5 7.7 11.5

277 26.8 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 50.210 ng

RT: 24.475 min Scan# 3564

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

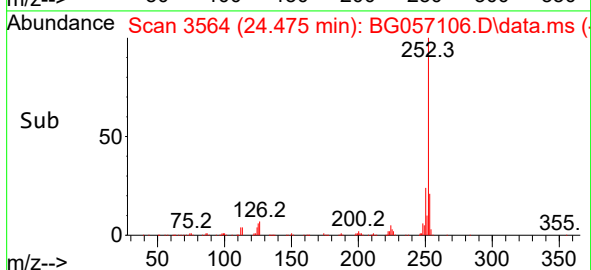
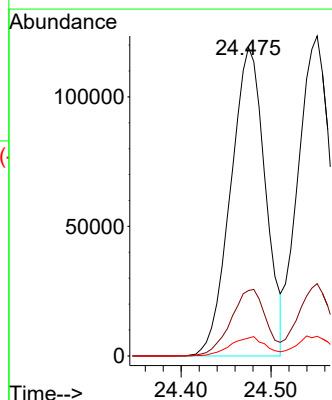
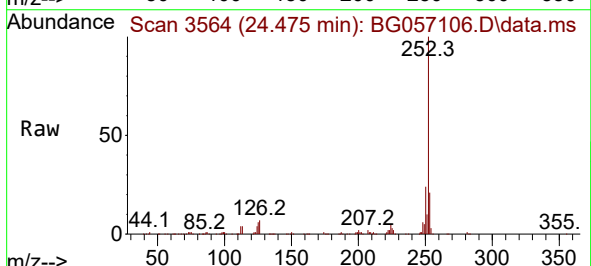
Tgt Ion:252 Resp: 319006

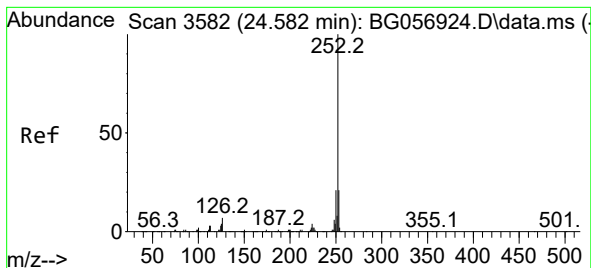
Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

125 5.8 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 48.880 ng

RT: 24.551 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

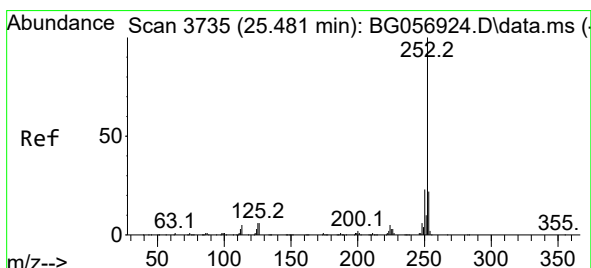
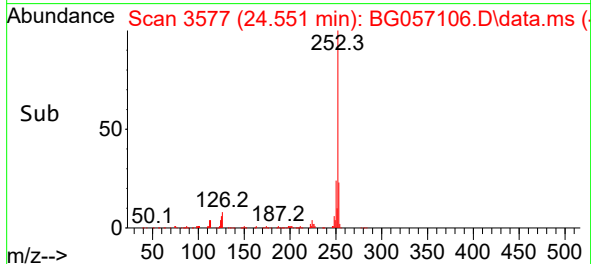
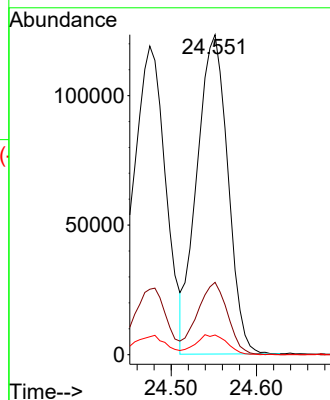
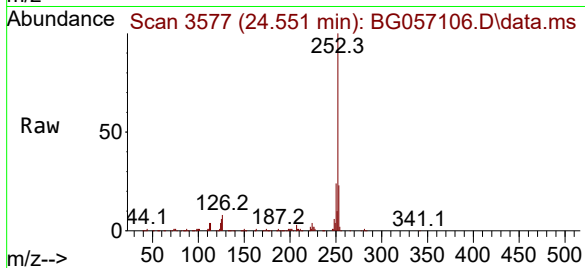
Tgt Ion:252 Resp: 310037

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 6.2 3.8 5.6#



#90

Benzo(a)pyrene

Concen: 44.543 ng

RT: 25.438 min Scan# 3728

Delta R.T. -0.014 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

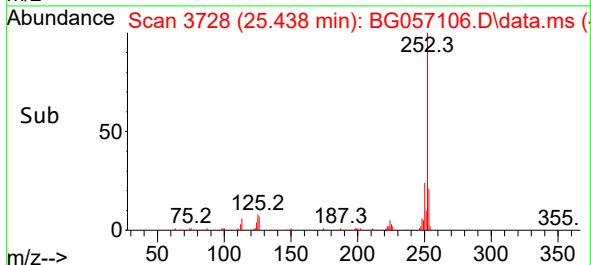
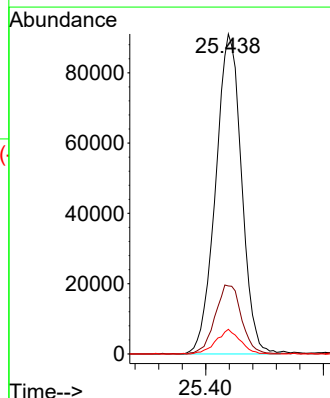
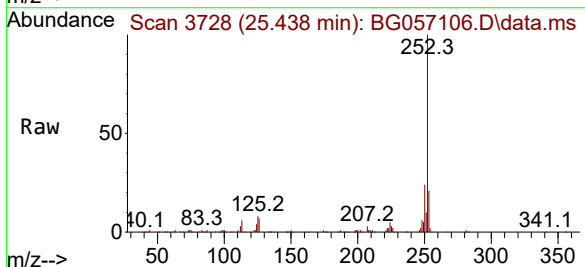
Tgt Ion:252 Resp: 278096

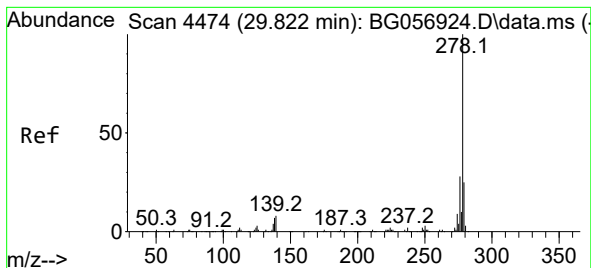
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 7.7 4.5 6.7#





#91

Dibenzo(a,h)anthracene

Concen: 47.806 ng

RT: 29.756 min Scan# 44

Delta R.T. -0.009 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MSD

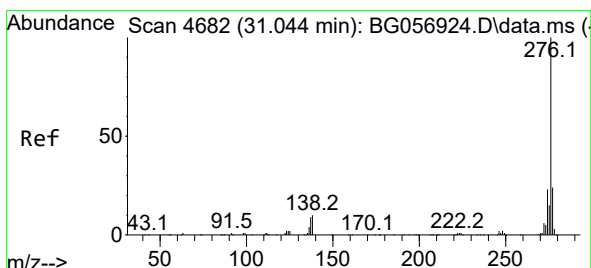
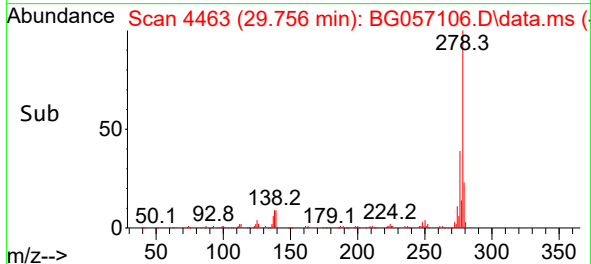
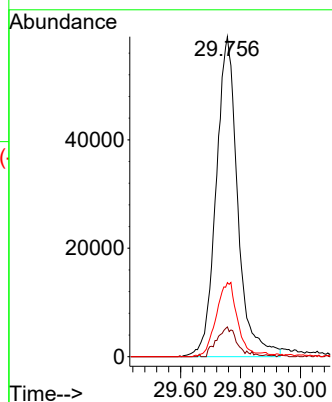
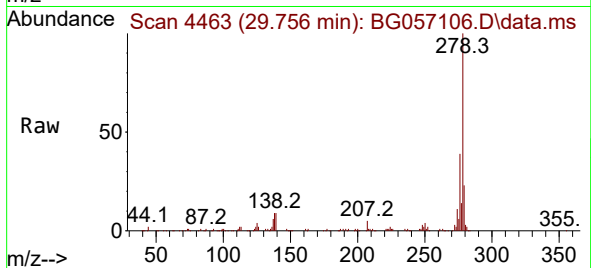
Tgt Ion:278 Resp: 295065

Ion Ratio Lower Upper

278 100

139 9.3 6.4 9.6

279 23.1 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 42.429 ng

RT: 30.972 min Scan# 4670

Delta R.T. -0.020 min

Lab File: BG057106.D

Acq: 14 Apr 2023 19:13

Tgt Ion:276 Resp: 256429

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 13.3 8.2 12.2#

