

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057105.D
 Acq On : 14 Apr 2023 18:30
 Operator : CG/JU
 Sample : 02341-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MS

Quant Time: Apr 14 19:04:56 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	8.404	152	17761	20.000	ng	0.00
21) Naphthalene-d8	11.242	136	74812	20.000	ng	# 0.00
39) Acenaphthene-d10	15.019	164	50122	20.000	ng	0.00
64) Phenanthrene-d10	17.756	188	112192	20.000	ng	# 0.00
76) Chrysene-d12	22.074	240	95756	20.000	ng	# 0.00
86) Perylene-d12	25.604	264	103263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.919	112	137566	123.961	ng	0.00
7) Phenol-d6	7.541	99	196557	118.424	ng	0.00
23) Nitrobenzene-d5	9.579	82	122228	66.851	ng	0.00
42) 2,4,6-Tribromophenol	16.499	330	85446	106.712	ng	0.00
45) 2-Fluorobiphenyl	13.638	172	257462	69.654	ng	0.00
79) Terphenyl-d14	20.323	244	429953	75.980	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.722	88	20705	42.561	ng	96
3) Pyridine	4.145	79	58964	37.631	ng	95
4) n-Nitrosodimethylamine	4.051	42	29972	41.605	ng	93
6) Aniline	7.711	93	60287	28.412	ng	98
8) 2-Chlorophenol	7.964	128	61793	55.902	ng	92
9) Benzaldehyde	7.523	77	46411	44.581	ng	95
10) Phenol	7.564	94	85667	52.089	ng	98
11) bis(2-Chloroethyl)ether	7.799	93	59552	50.834	ng	98
12) 1,3-Dichlorobenzene	8.293	146	64945	53.173	ng	100
13) 1,4-Dichlorobenzene	8.439	146	65837	53.408	ng	97
14) 1,2-Dichlorobenzene	8.763	146	63125	53.004	ng	95
15) Benzyl Alcohol	8.639	79	63424	45.988	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.921	45	74420	52.711	ng	96
17) 2-Methylphenol	8.839	107	56444	48.106	ng	91
18) Hexachloroethane	9.503	117	24255	53.833	ng	94
19) n-Nitroso-di-n-propyla...	9.203	70	52823	44.494	ng	# 97
20) 3+4-Methylphenols	9.168	107	76002	46.323	ng	96
22) Acetophenone	9.232	105	97446	43.774	ng	# 96
24) Nitrobenzene	9.626	77	81574	43.639	ng	96
25) Isophorone	10.143	82	138688	39.834	ng	98
26) 2-Nitrophenol	10.343	139	32670	45.279	ng	# 86
27) 2,4-Dimethylphenol	10.384	122	58652	46.040	ng	95
28) bis(2-Chloroethoxy)met...	10.619	93	75522	43.327	ng	97
29) 2,4-Dichlorophenol	10.883	162	60837	44.405	ng	98
30) 1,2,4-Trichlorobenzene	11.101	180	65900	45.270	ng	94
31) Naphthalene	11.294	128	185473	45.484	ng	98
32) Benzoic acid	10.525	122	33977	38.828	ng	93
33) 4-Chloroaniline	11.394	127	36872	20.021	ng	97
34) Hexachlorobutadiene	11.565	225	46906	42.895	ng	93
35) Caprolactam	12.164	113	14576	30.850	ng	# 86
36) 4-Chloro-3-methylphenol	12.487	107	64515	42.108	ng	95
37) 2-Methylnaphthalene	12.869	142	125797	38.870	ng	95
38) 1-Methylnaphthalene	13.086	142	120786	39.746	ng	98
40) 1,2,4,5-Tetrachloroben...	13.227	216	82765	47.618	ng	99
41) Hexachlorocyclopentadiene	13.204	237	60869	63.561	ng	94
43) 2,4,6-Trichlorophenol	13.462	196	53024	47.807	ng	98

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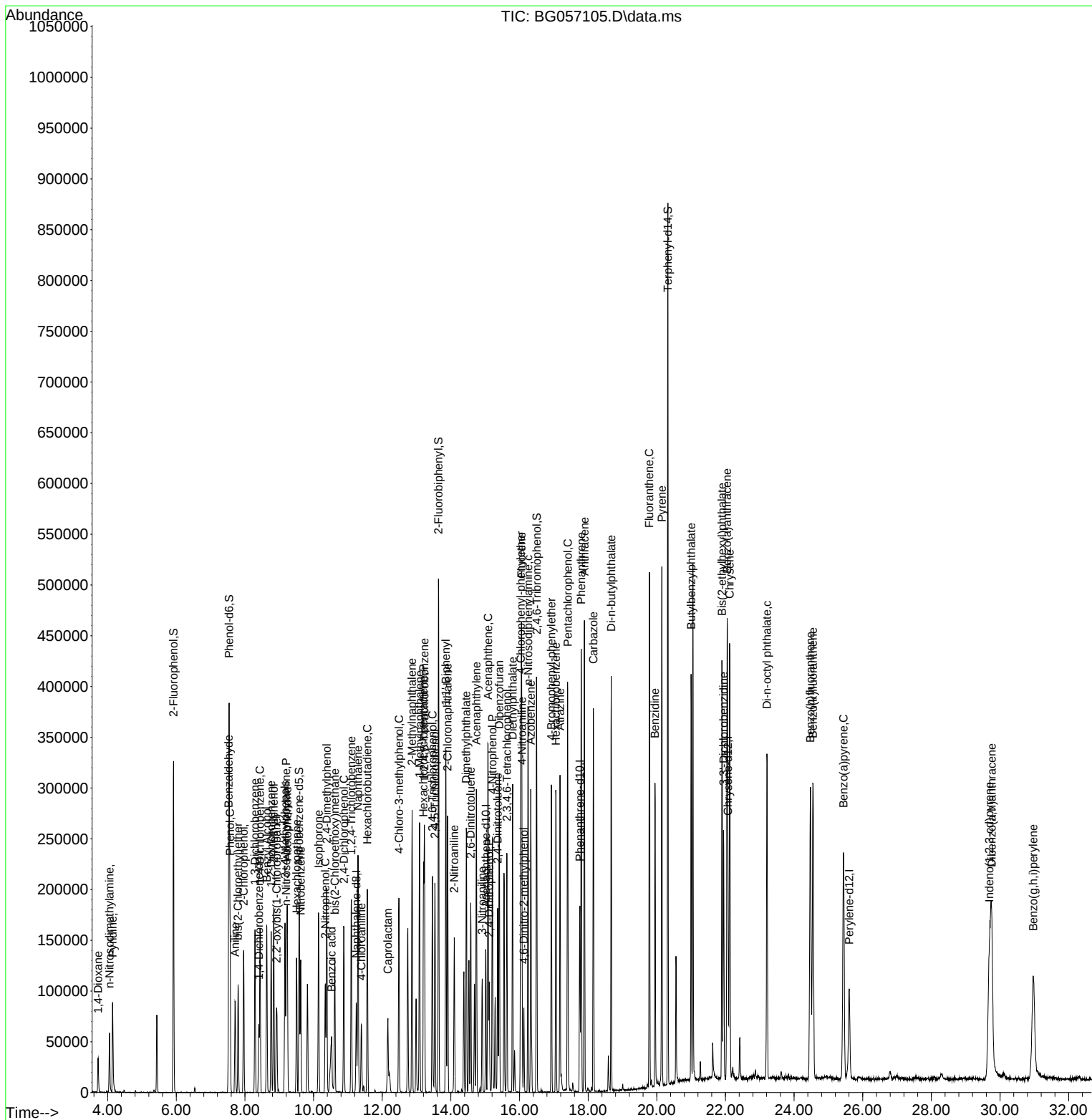
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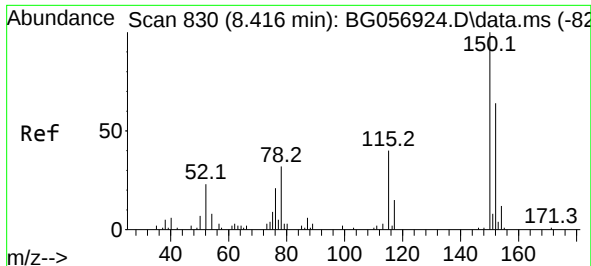
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.533	196	57570	43.814	ng	94
46) 1,1'-Biphenyl	13.856	154	176904	48.215	ng	98
47) 2-Chloronaphthalene	13.903	162	138032	50.866	ng	99
48) 2-Nitroaniline	14.096	65	45652	47.048	ng	96
49) Acenaphthylene	14.743	152	212815	47.732	ng	99
50) Dimethylphthalate	14.449	163	171326	43.382	ng	98
51) 2,6-Dinitrotoluene	14.578	165	39306	46.065	ng	94
52) Acenaphthene	15.083	154	129726	42.188	ng	94
53) 3-Nitroaniline	14.913	138	27995	33.146	ng	98
54) 2,4-Dinitrophenol	15.119	184	25273	52.622	ng	94
55) Dibenzofuran	15.412	168	212964	46.144	ng	96
56) 4-Nitrophenol	15.213	139	61852	99.035	ng	# 82
57) 2,4-Dinitrotoluene	15.365	165	55066	45.757	ng	# 96
58) Fluorene	16.059	166	170909	44.753	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.636	232	53403	44.638	ng	# 97
60) Diethylphthalate	15.800	149	171554	43.331	ng	99
61) 4-Chlorophenyl-phenyle...	16.035	204	97608	43.531	ng	95
62) 4-Nitroaniline	16.070	138	34768	39.732	ng	90
63) Azobenzene	16.329	77	187768	47.589	ng	97
65) 4,6-Dinitro-2-methylph...	16.129	198	21233	31.249	ng	94
66) n-Nitrosodiphenylamine	16.252	169	144821	48.086	ng	100
67) 4-Bromophenyl-phenylether	16.928	248	61662	44.420	ng	99
68) Hexachlorobenzene	17.057	284	70076	51.060	ng	97
69) Atrazine	17.181	200	62102	49.675	ng	97
70) Pentachlorophenol	17.404	266	80859	82.124	ng	97
71) Phenanthrene	17.797	178	268471	46.935	ng	99
72) Anthracene	17.891	178	274587	46.827	ng	99
73) Carbazole	18.150	167	242229	47.380	ng	95
74) Di-n-butylphthalate	18.673	149	285475	48.221	ng	99
75) Fluoranthene	19.783	202	316181	43.605	ng	99
77) Benzidine	19.947	184	174984	66.856	ng	98
78) Pyrene	20.147	202	315874	47.694	ng	98
80) Butylbenzylphthalate	20.999	149	123184	54.050	ng	94
81) Benzo(a)anthracene	22.050	228	310224	46.817	ng	99
82) 3,3'-Dichlorobenzidine	21.945	252	92961	41.546	ng	# 97
83) Chrysene	22.121	228	286546	46.185	ng	99
84) Bis(2-ethylhexyl)phtha...	21.898	149	171143	51.858	ng	97
85) Di-n-octyl phthalate	23.208	149	288788	51.927	ng	99
87) Indeno(1,2,3-cd)pyrene	29.687	276	347620	45.550	ng	# 97
88) Benzo(b)fluoranthene	24.477	252	321516	49.791	ng	97
89) Benzo(k)fluoranthene	24.547	252	311452	48.313	ng	99
90) Benzo(a)pyrene	25.440	252	279057	43.978	ng	# 98
91) Dibenzo(a,h)anthracene	29.758	278	298292	47.551	ng	97
92) Benzo(g,h,i)perylene	30.968	276	253904	41.335	ng	# 93

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

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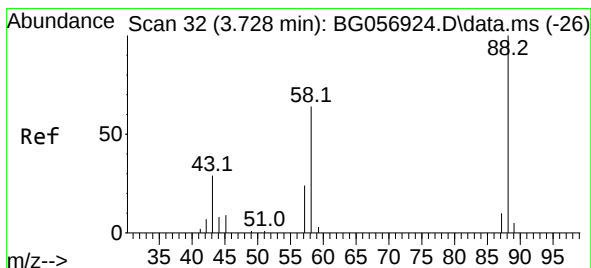
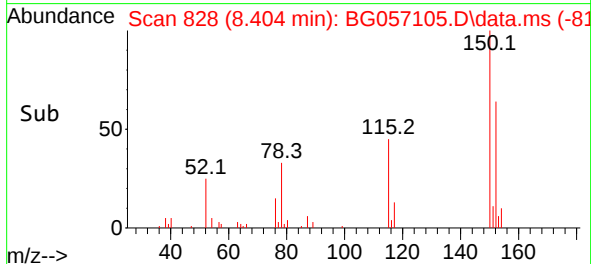
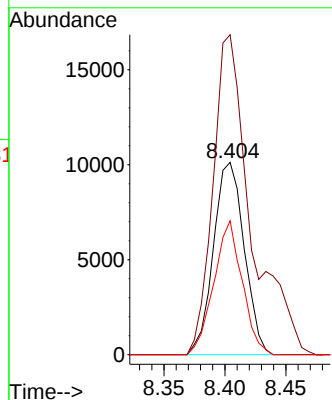
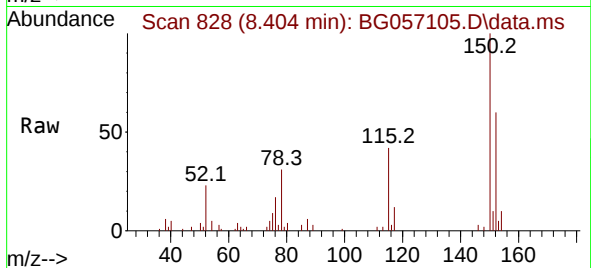




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.404 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG057105.D
 Acq: 14 Apr 2023 18:30

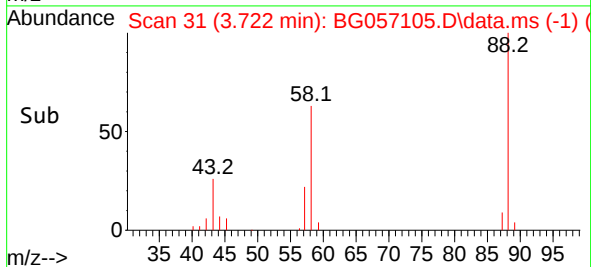
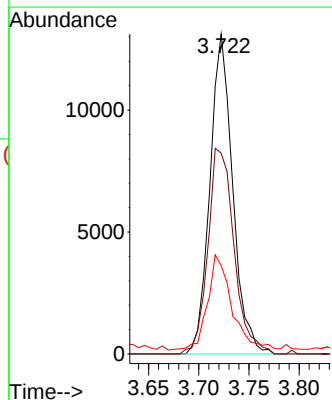
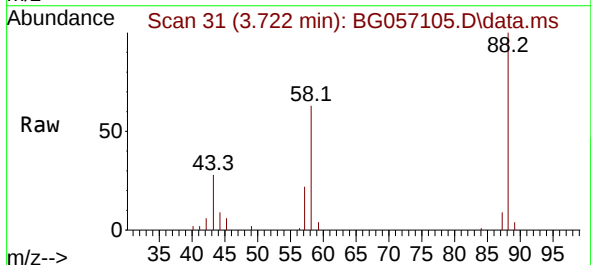
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Tgt Ion:152 Resp: 17761
 Ion Ratio Lower Upper
 152 100
 150 166.4 124.1 186.1
 115 69.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 42.561 ng
 RT: 3.722 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG057105.D
 Acq: 14 Apr 2023 18:30

Tgt Ion: 88 Resp: 20705
 Ion Ratio Lower Upper
 88 100
 58 73.8 55.9 83.9
 43 30.8 25.7 38.5

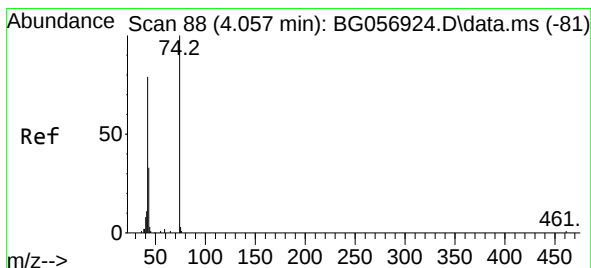
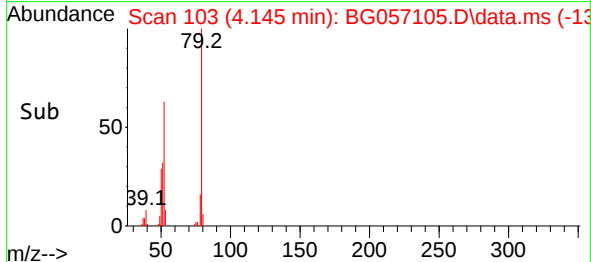
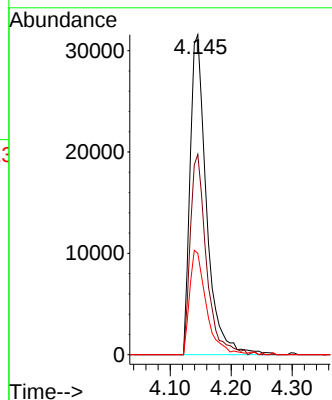
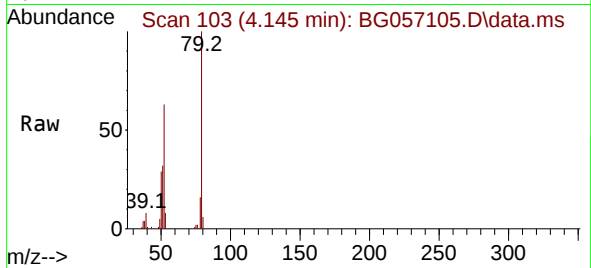




#3
 Pyridine
 Concen: 37.631 ng
 RT: 4.145 min Scan# 103
 Delta R.T. -0.001 min
 Lab File: BG057105.D
 Acq: 14 Apr 2023 18:30

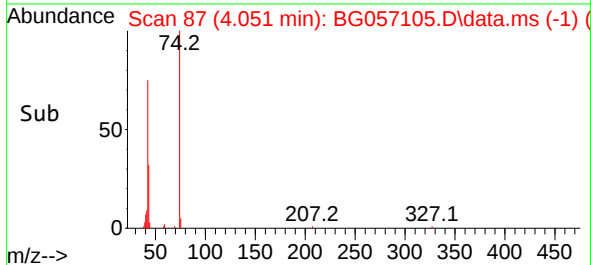
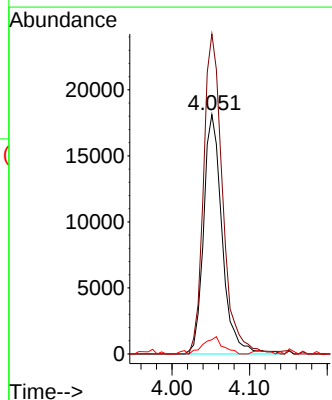
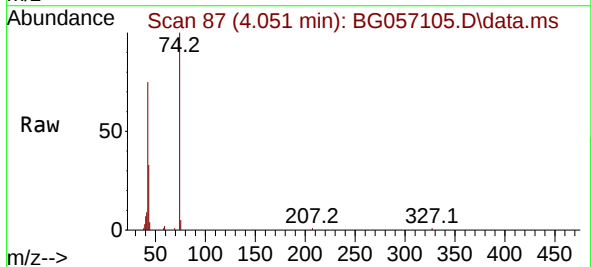
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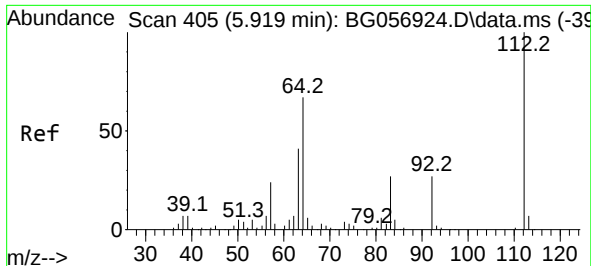
Tgt Ion: 79 Resp: 58964
 Ion Ratio Lower Upper
 79 100
 52 62.6 46.1 69.1
 51 31.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 41.605 ng
 RT: 4.051 min Scan# 87
 Delta R.T. -0.001 min
 Lab File: BG057105.D
 Acq: 14 Apr 2023 18:30

Tgt Ion: 42 Resp: 29972
 Ion Ratio Lower Upper
 42 100
 74 133.7 100.6 151.0
 44 6.0 4.6 7.0

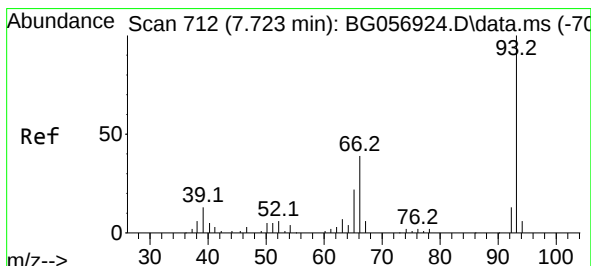
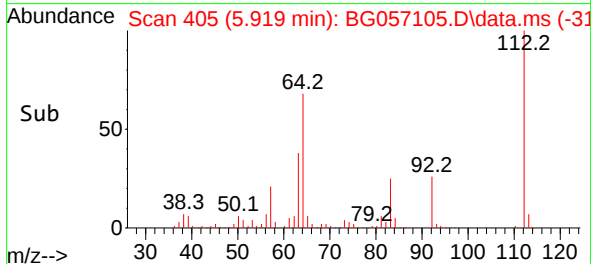
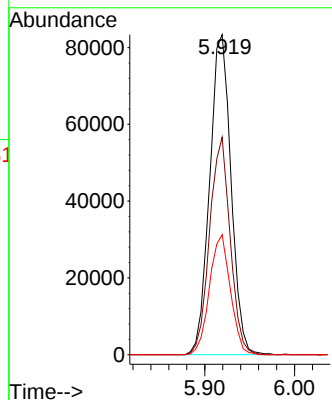
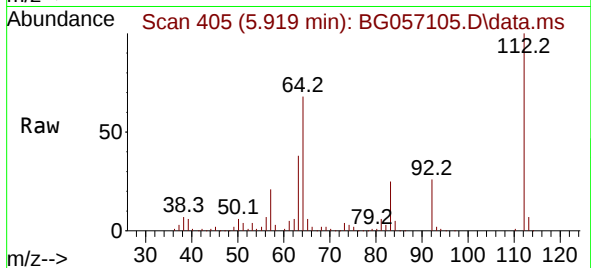




#5
2-Fluorophenol
Concen: 123.961 ng
RT: 5.919 min Scan# 405
Delta R.T. 0.005 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

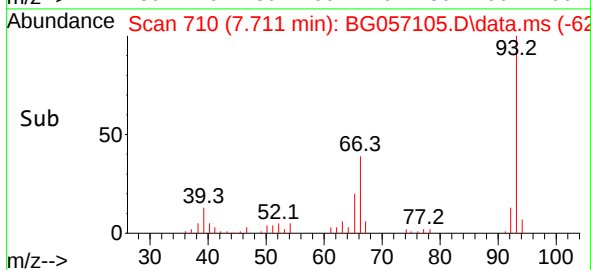
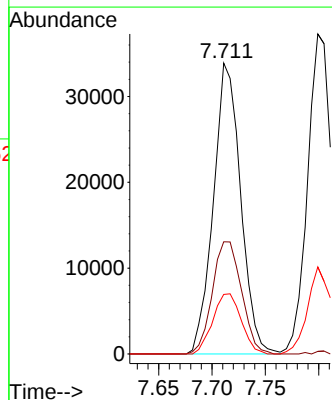
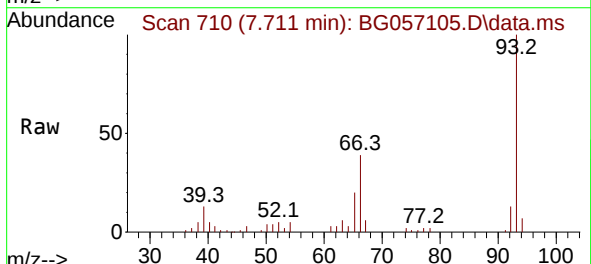
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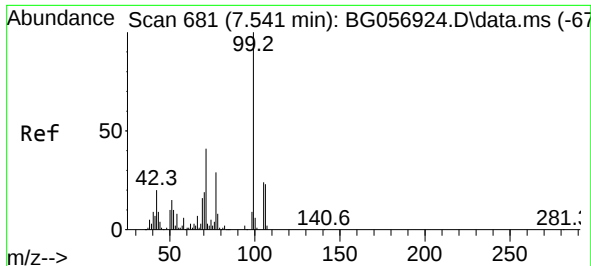
Tgt Ion:112 Resp: 137566
Ion Ratio Lower Upper
112 100
64 67.9 53.2 79.8
63 37.5 32.6 48.8



#6
Aniline
Concen: 28.412 ng
RT: 7.711 min Scan# 710
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion: 93 Resp: 60287
Ion Ratio Lower Upper
93 100
66 38.6 31.4 47.0
65 20.5 17.3 25.9

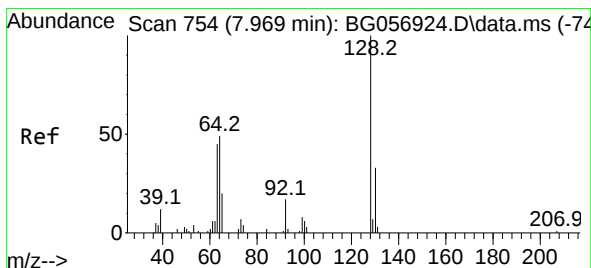
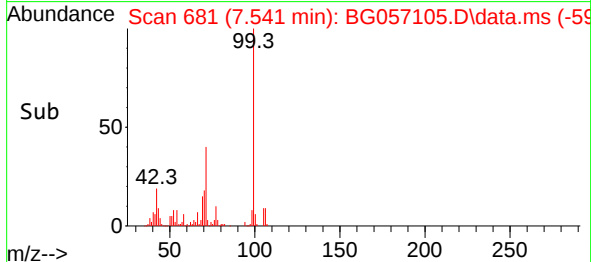
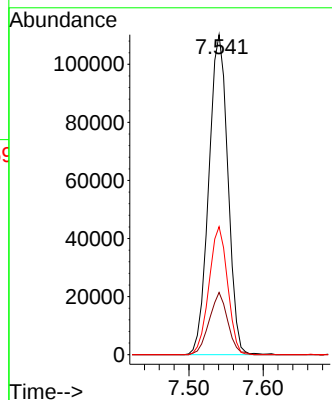
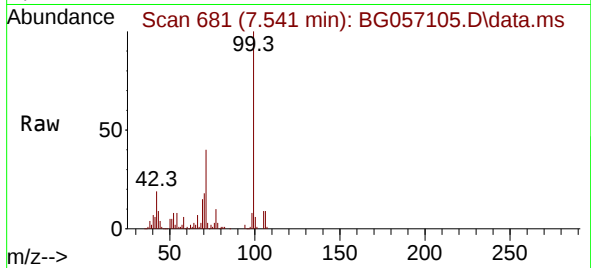




#7
Phenol-d6
Concen: 118.424 ng
RT: 7.541 min Scan# 681
Delta R.T. 0.005 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

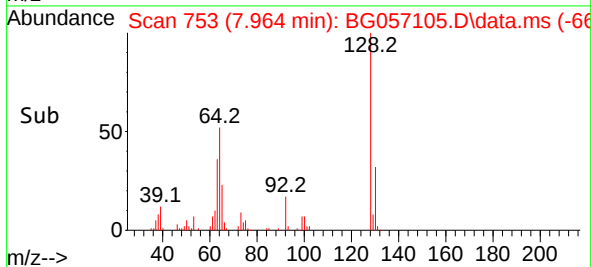
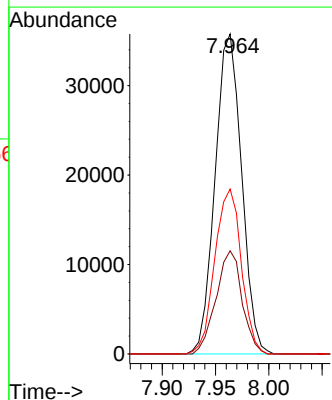
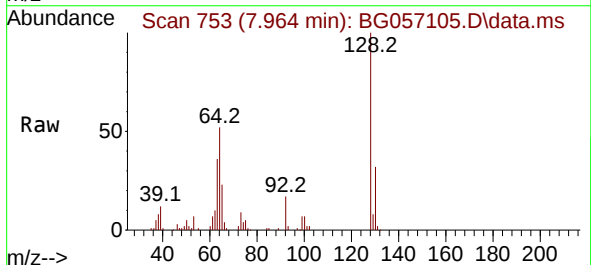
Instrument :
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Tgt Ion: 99 Resp: 196557
Ion Ratio Lower Upper
99 100
42 19.4 15.7 23.5
71 40.0 32.5 48.7



#8
2-Chlorophenol
Concen: 55.902 ng
RT: 7.964 min Scan# 753
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion: 128 Resp: 61793
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 51.5 40.6 80.6

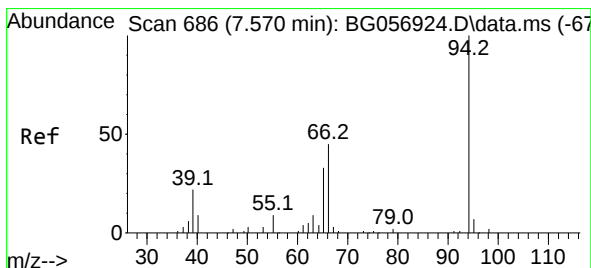
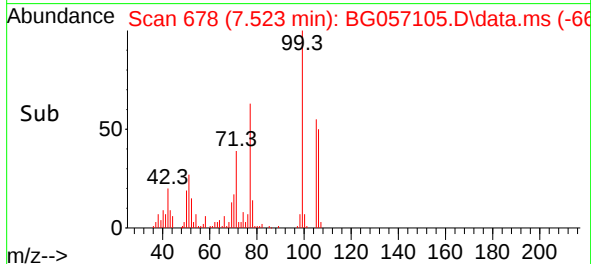
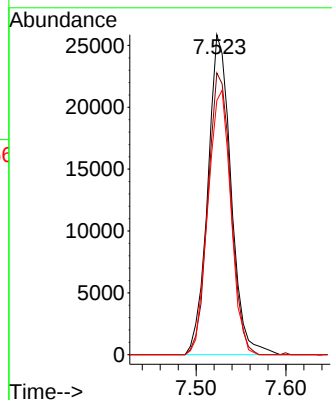
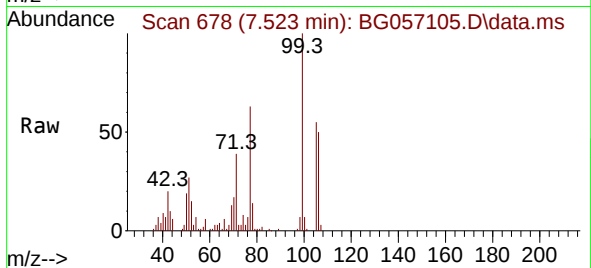




#9
Benzaldehyde
Concen: 44.581 ng
RT: 7.523 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

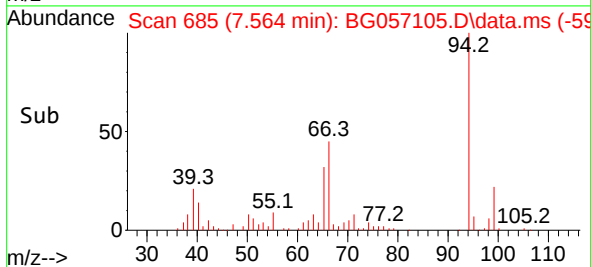
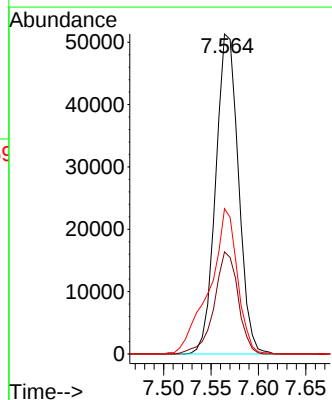
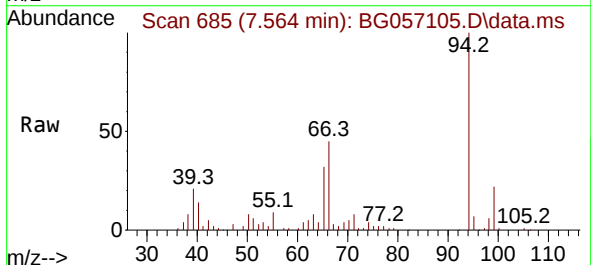
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ClientSampleId :
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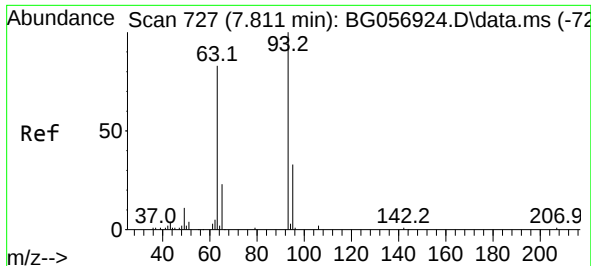
Tgt Ion: 77 Resp: 46411
Ion Ratio Lower Upper
77 100
105 88.0 73.6 113.6
106 79.5 56.7 96.7



#10
Phenol
Concen: 52.089 ng
RT: 7.564 min Scan# 685
Delta R.T. -0.001 min
Lab File: BG057105.D
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Tgt Ion: 94 Resp: 85667
Ion Ratio Lower Upper
94 100
65 31.9 13.3 53.3
66 45.4 26.7 66.7

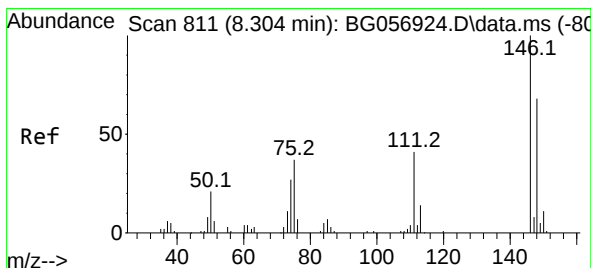
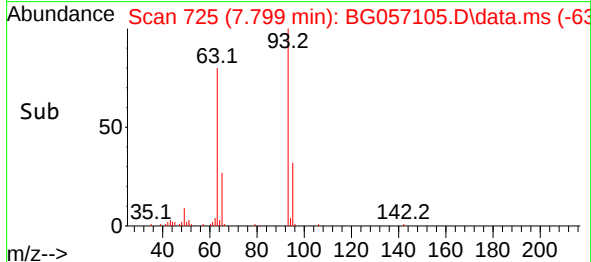
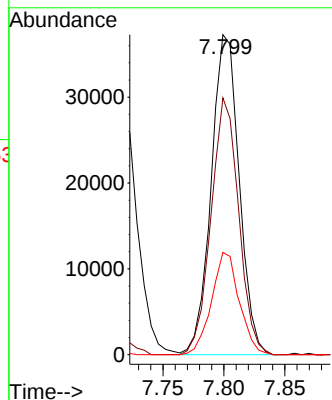
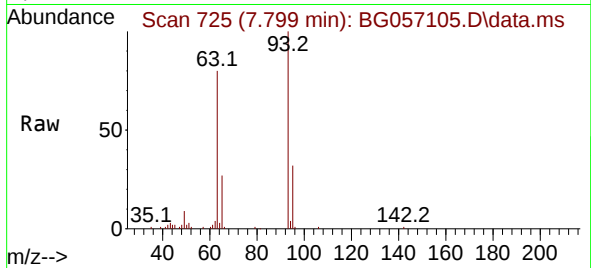




#11
bis(2-Chloroethyl)ether
Concen: 50.834 ng
RT: 7.799 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

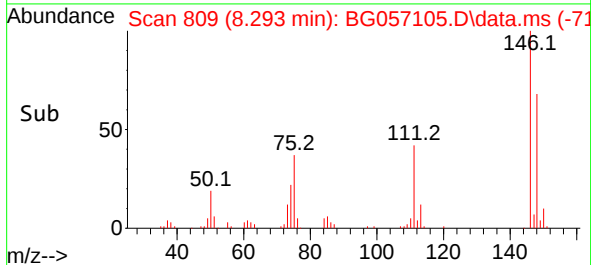
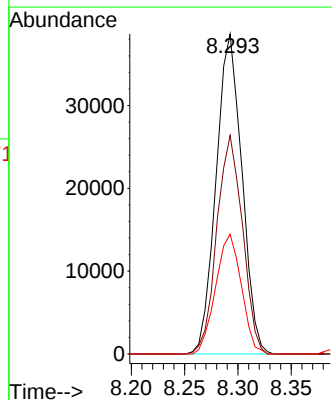
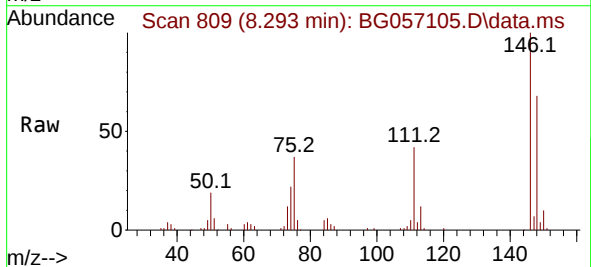
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Tgt Ion: 93 Resp: 59552
Ion Ratio Lower Upper
93 100
63 80.3 62.7 102.7
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 53.173 ng
RT: 8.293 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion: 146 Resp: 64945
Ion Ratio Lower Upper
146 100
148 68.3 54.2 81.4
75 37.4 29.8 44.8

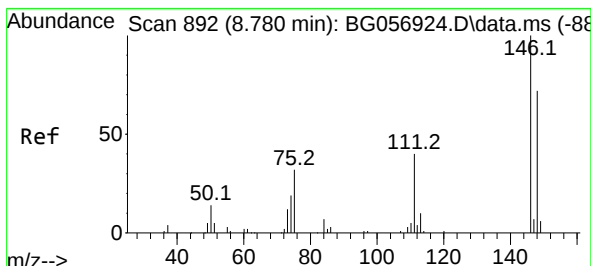
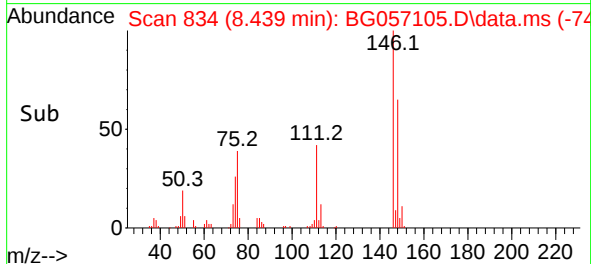
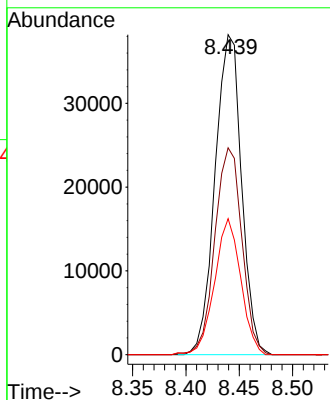
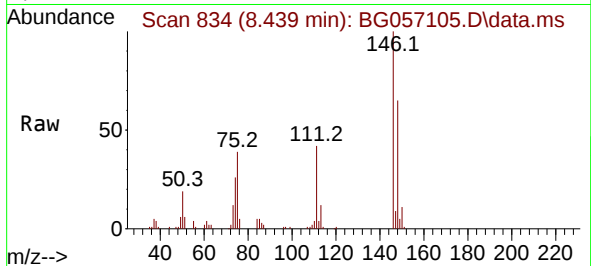




#13
1,4-Dichlorobenzene
Concen: 53.408 ng
RT: 8.439 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

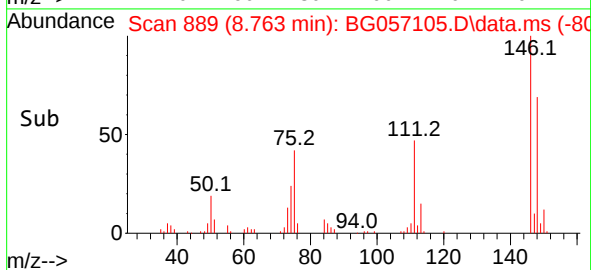
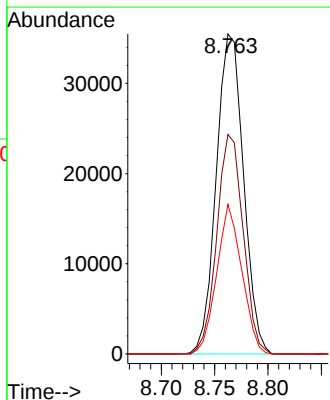
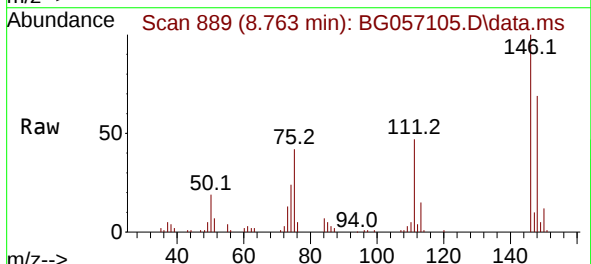
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Tgt Ion:146 Resp: 65837
Ion Ratio Lower Upper
146 100
148 64.6 54.8 82.2
111 42.5 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 53.004 ng
RT: 8.763 min Scan# 889
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:146 Resp: 63125
Ion Ratio Lower Upper
146 100
148 68.6 57.4 86.0
111 46.7 33.2 49.8

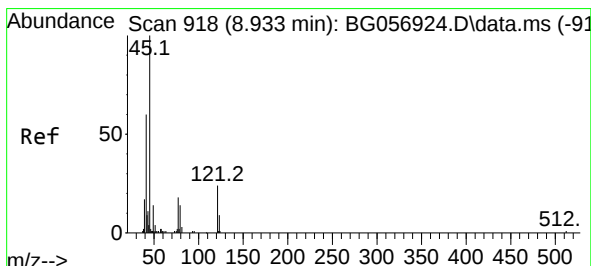
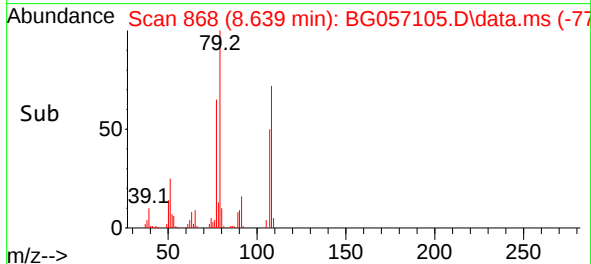
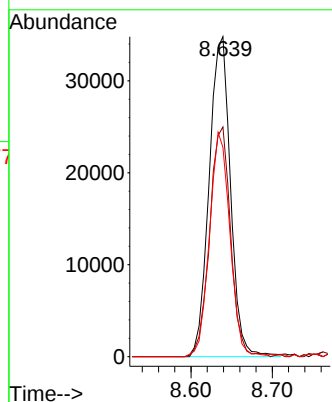
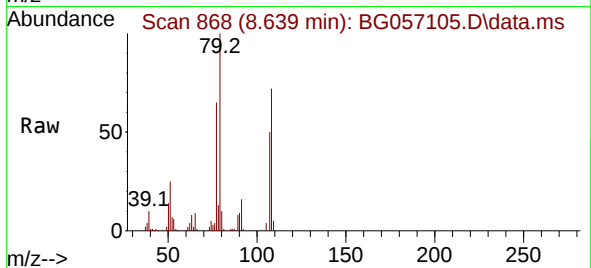




#15
Benzyl Alcohol
Concen: 45.988 ng
RT: 8.639 min Scan# 869
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

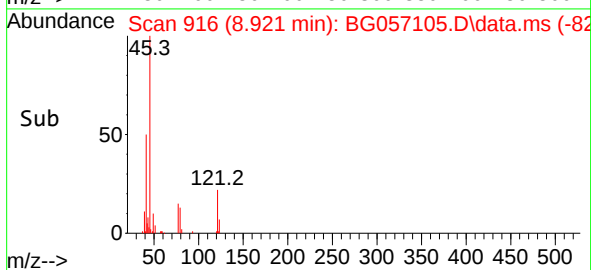
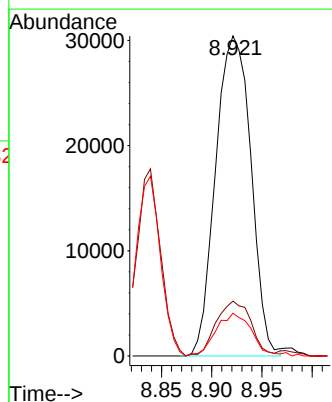
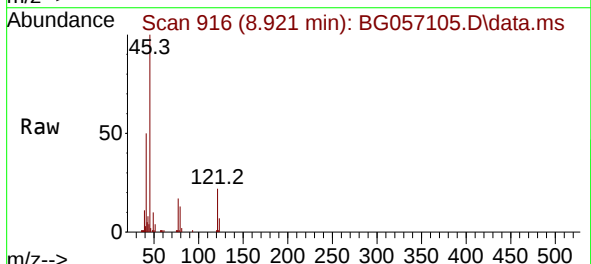
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Tgt Ion: 79 Resp: 63424
Ion Ratio Lower Upper
79 100
108 71.8 51.2 76.8
77 65.4 54.4 81.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.711 ng
RT: 8.921 min Scan# 916
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion: 45 Resp: 74420
Ion Ratio Lower Upper
45 100
77 17.2 0.0 38.7
79 13.4 0.0 35.1

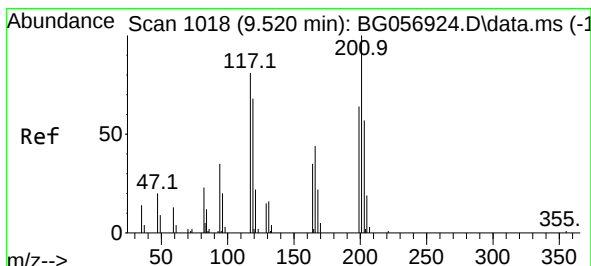
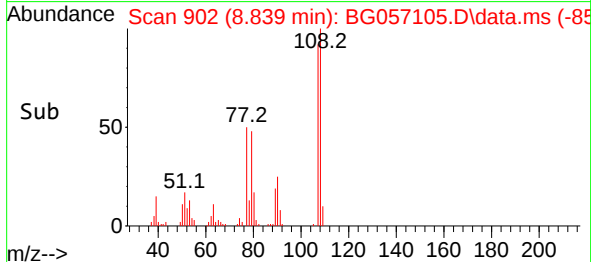
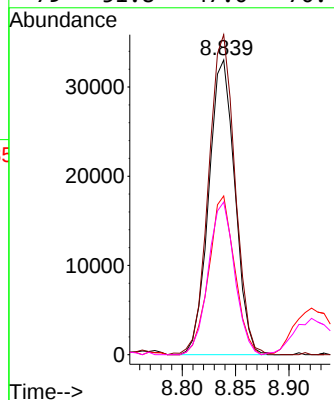
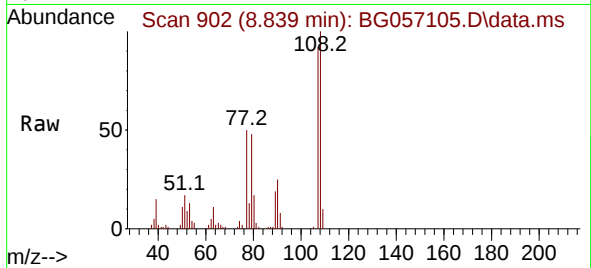




#17
2-Methylphenol
Concen: 48.106 ng
RT: 8.839 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

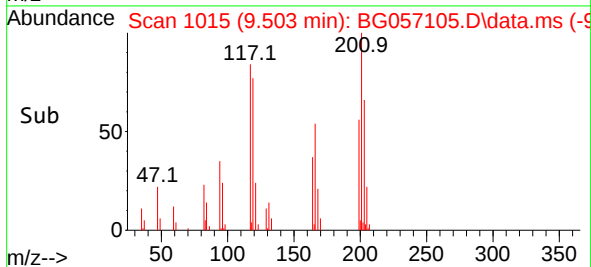
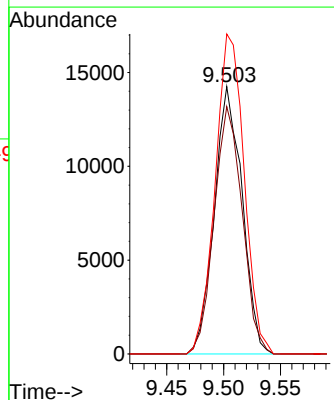
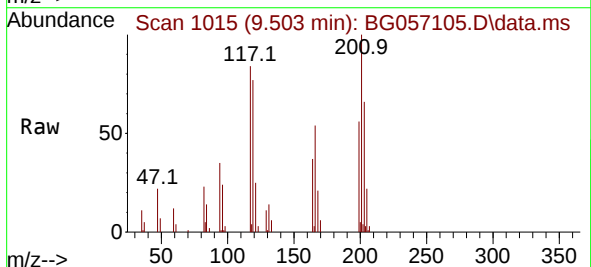
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

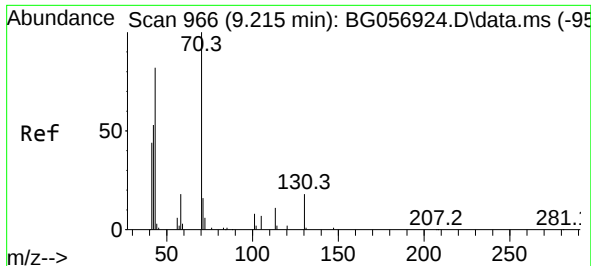
Tgt Ion:	107	Resp:	56444
Ion Ratio	Lower	Upper	
107	100		
108	108.6	96.0	144.0
77	53.9	45.6	68.4
79	51.8	47.0	70.4



#18
Hexachloroethane
Concen: 53.833 ng
RT: 9.503 min Scan# 1015
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:	117	Resp:	24255
Ion Ratio	Lower	Upper	
117	100		
119	92.5	67.0	100.6
201	119.7	98.7	148.1

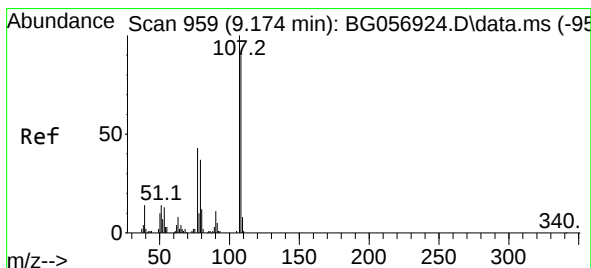
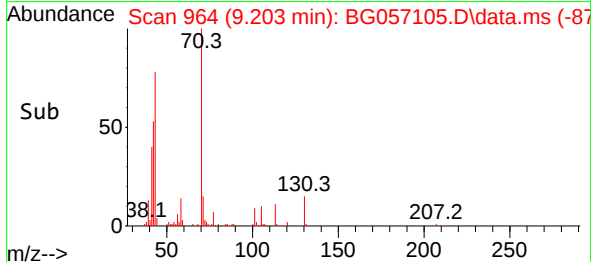
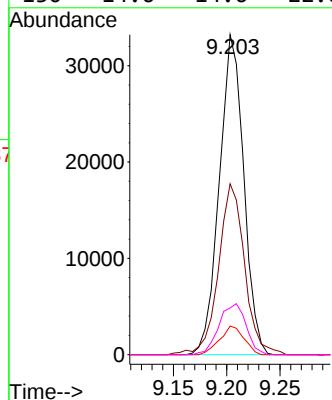
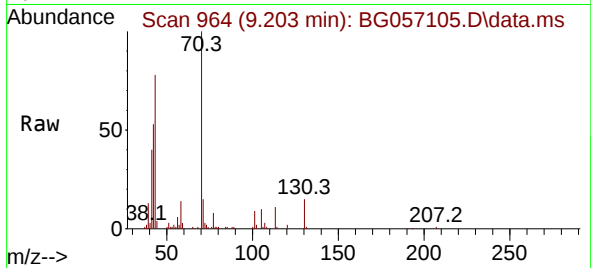




#19
n-Nitroso-di-n-propylamine
Concen: 44.494 ng
RT: 9.203 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

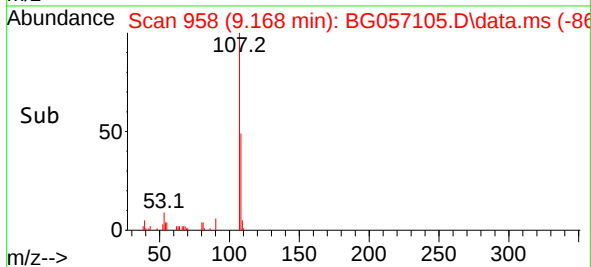
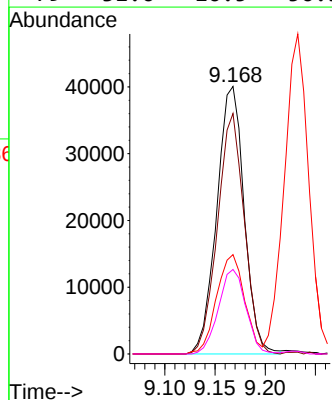
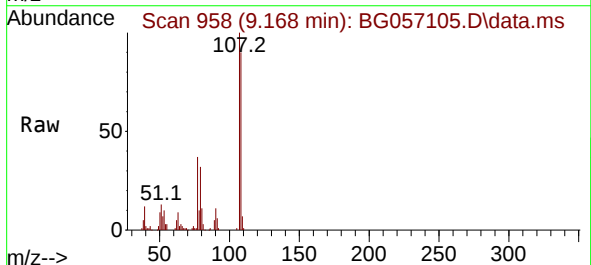
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

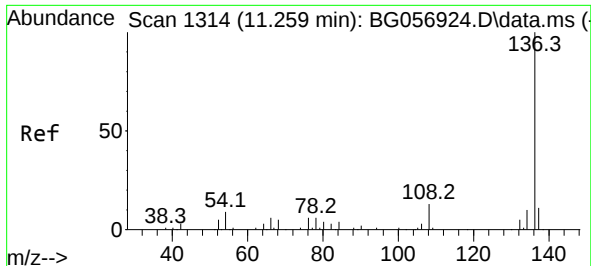
Tgt Ion: 70 Resp: 52823
Ion Ratio Lower Upper
70 100
42 53.4 43.4 65.0
101 8.9 6.2 9.2
130 14.6 14.6 22.0#



#20
3+4-Methylphenols
Concen: 46.323 ng
RT: 9.168 min Scan# 958
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

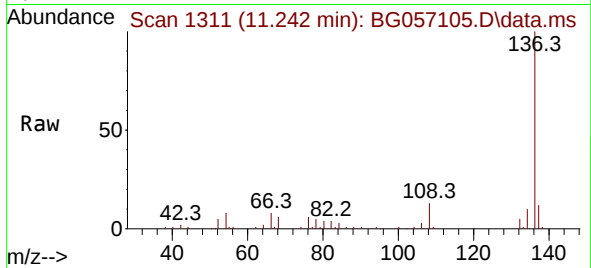
Tgt Ion: 107 Resp: 76002
Ion Ratio Lower Upper
107 100
108 89.9 69.9 109.9
77 37.2 22.7 62.7
79 31.6 16.5 56.5



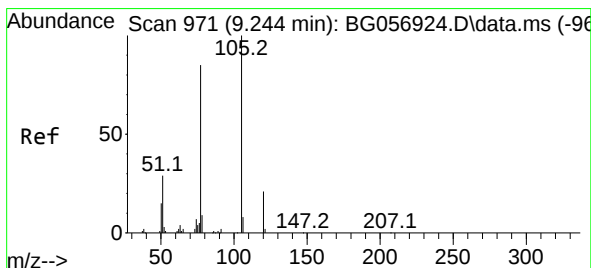
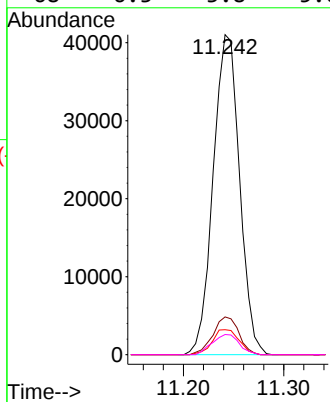
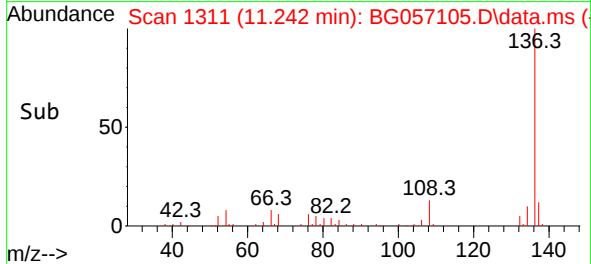


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.242 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

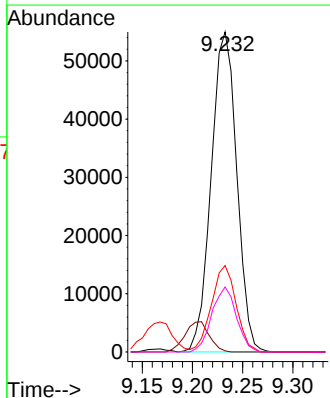
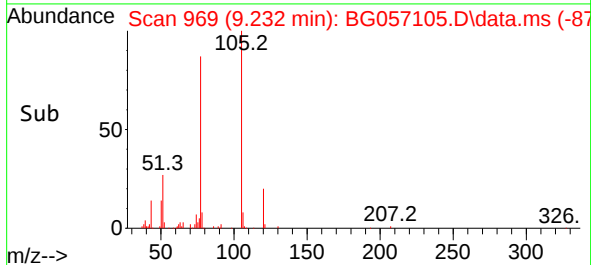
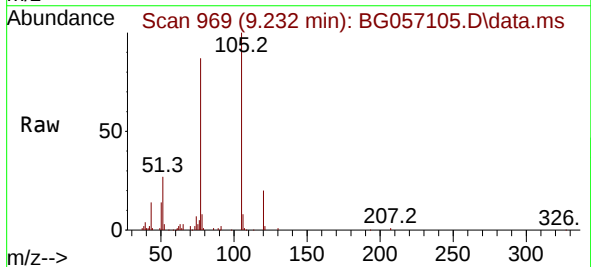


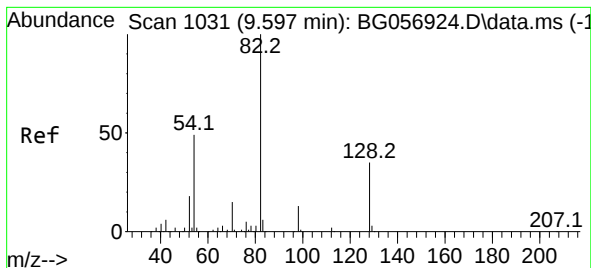
Tgt Ion:136 Resp: 74812
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 7.8 6.9 10.3
68 6.3 3.8 5.6#



#22
Acetophenone
Concen: 43.774 ng
RT: 9.232 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:105 Resp: 97446
Ion Ratio Lower Upper
105 100
71 0.3 0.7 1.1#
51 27.0 23.8 35.8
120 20.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 66.851 ng

RT: 9.579 min Scan# 1028

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

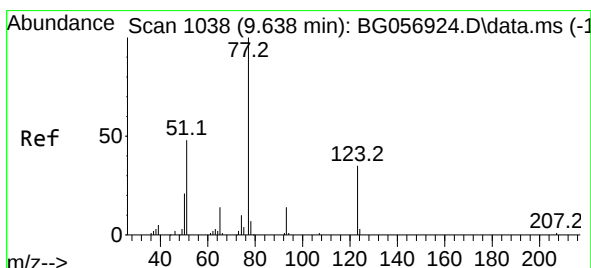
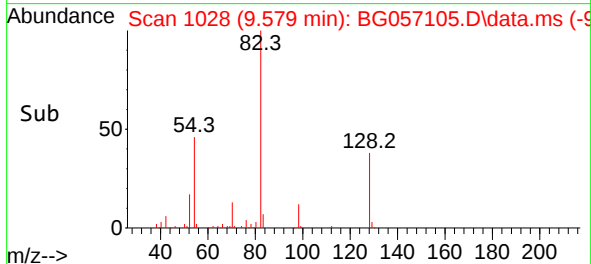
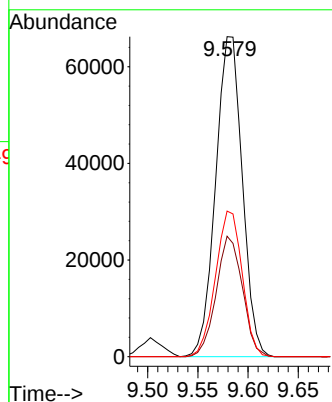
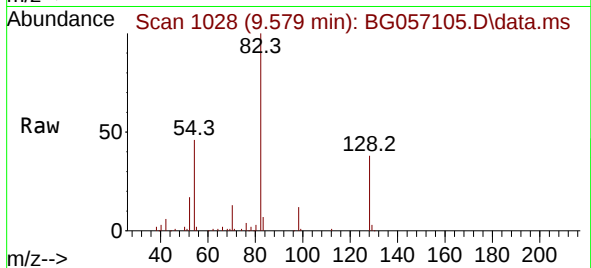
Tgt Ion: 82 Resp: 122228

Ion Ratio Lower Upper

82 100

128 37.7 27.9 41.9

54 45.5 39.4 59.2



#24

Nitrobenzene

Concen: 43.639 ng

RT: 9.626 min Scan# 1036

Delta R.T. -0.001 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

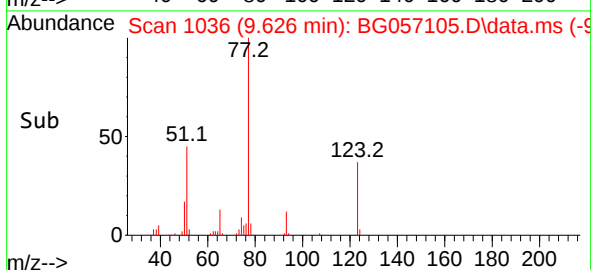
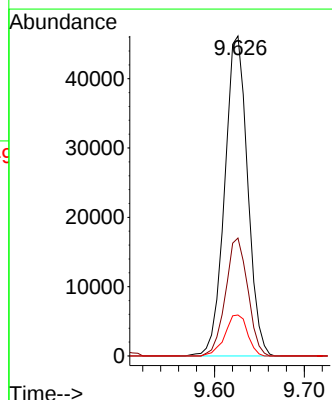
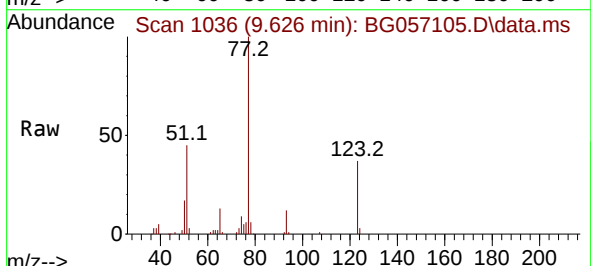
Tgt Ion: 77 Resp: 81574

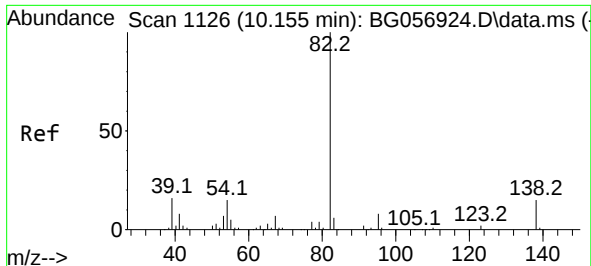
Ion Ratio Lower Upper

77 100

123 36.9 27.6 41.4

65 12.8 11.5 17.3

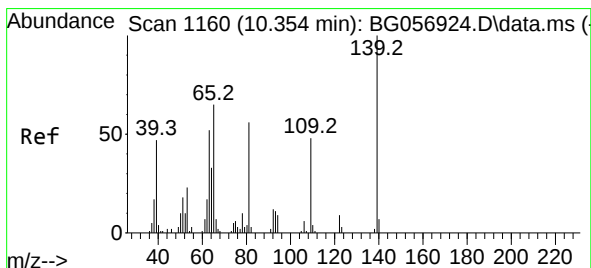
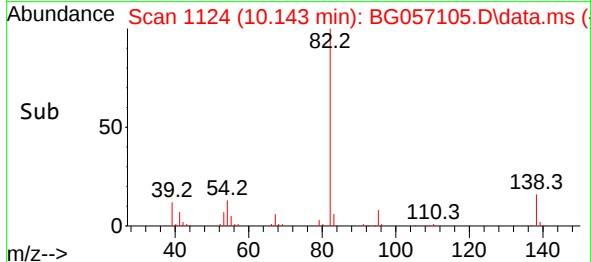
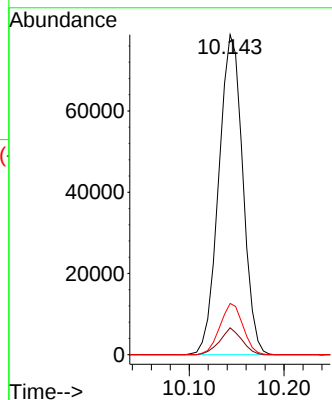
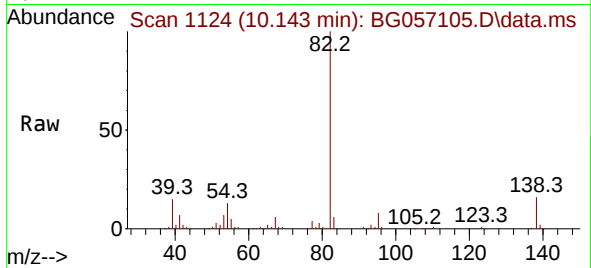




#25
Isophorone
Concen: 39.834 ng
RT: 10.143 min Scan# 1126
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

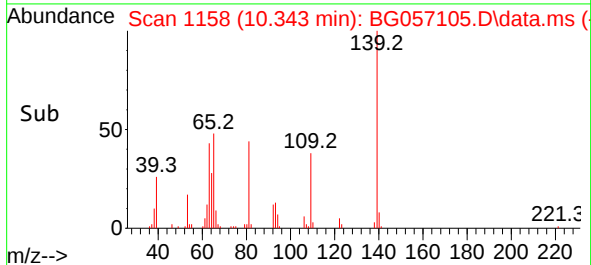
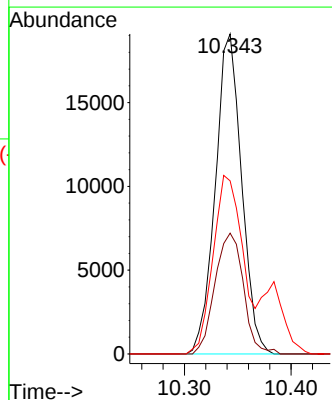
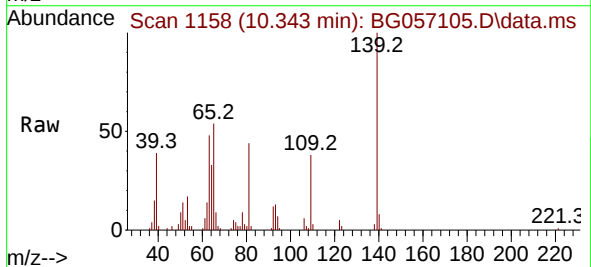
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Tgt Ion: 82 Resp: 138688
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 16.0 11.8 17.8



#26
2-Nitrophenol
Concen: 45.279 ng
RT: 10.343 min Scan# 1158
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:139 Resp: 32670
Ion Ratio Lower Upper
139 100
109 37.7 38.2 57.4#
65 54.1 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 46.040 ng

RT: 10.384 min Scan# 1165

Delta R.T. -0.001 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

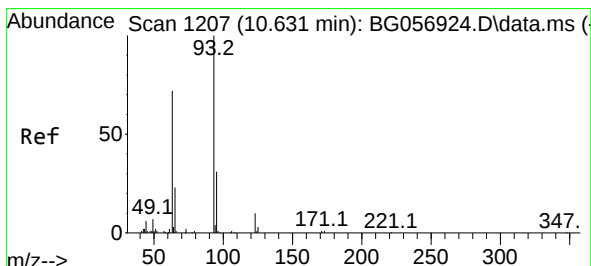
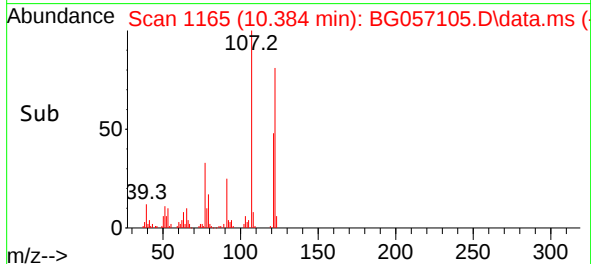
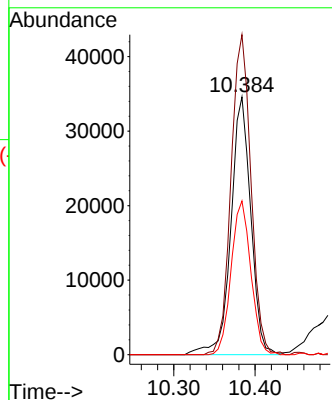
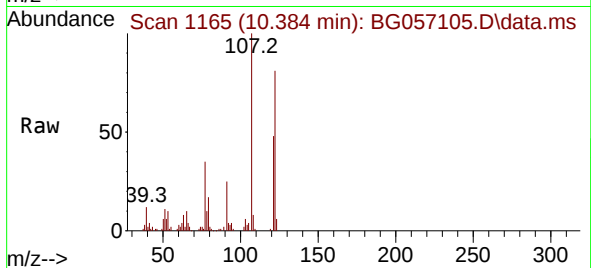
Tgt Ion:122 Resp: 58652

Ion Ratio Lower Upper

122 100

107 124.2 105.7 158.5

121 59.7 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.327 ng

RT: 10.619 min Scan# 1205

Delta R.T. -0.001 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

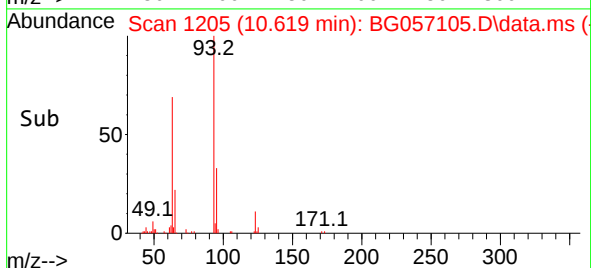
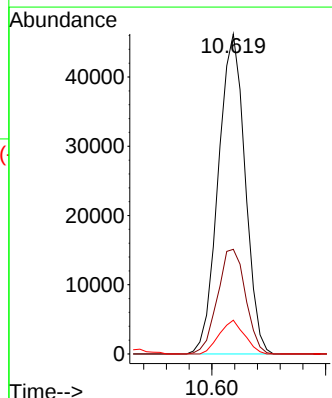
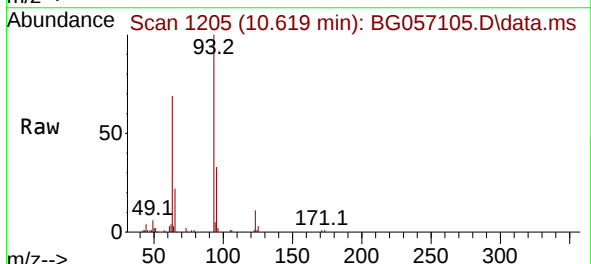
Tgt Ion: 93 Resp: 75522

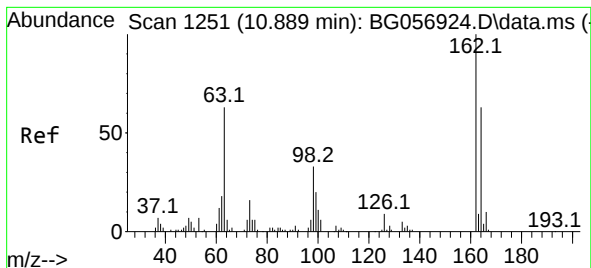
Ion Ratio Lower Upper

93 100

95 32.7 24.6 37.0

123 10.5 7.8 11.6

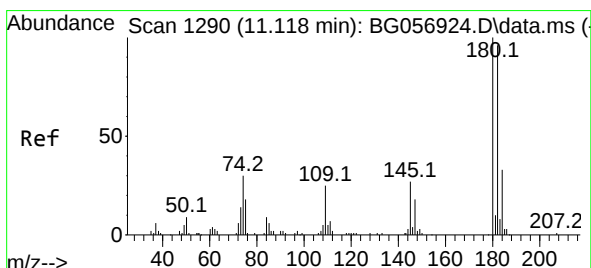
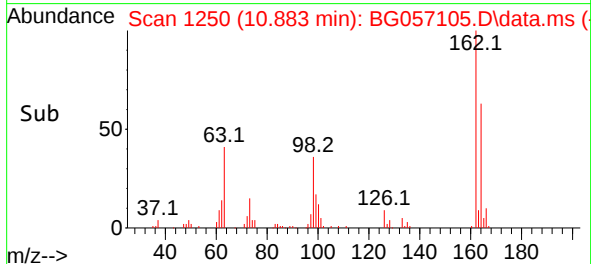
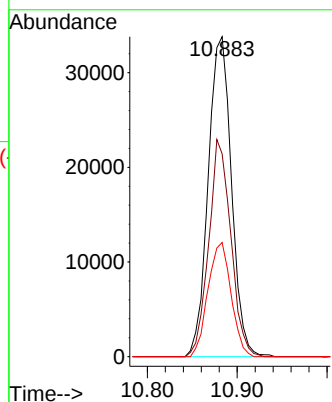
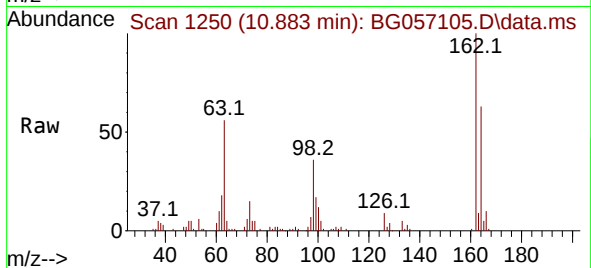




#29
2,4-Dichlorophenol
Concen: 44.405 ng
RT: 10.883 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

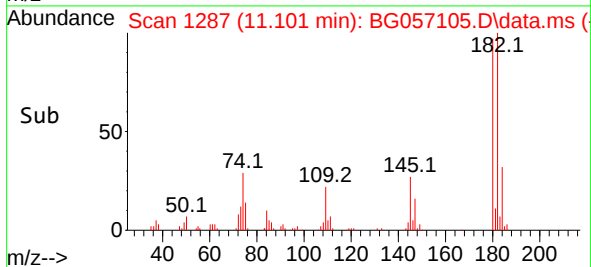
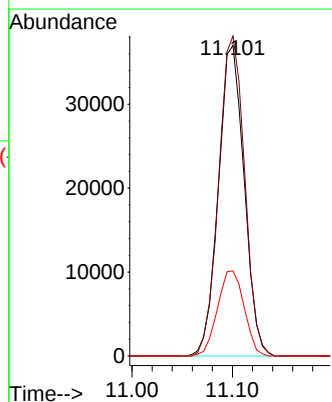
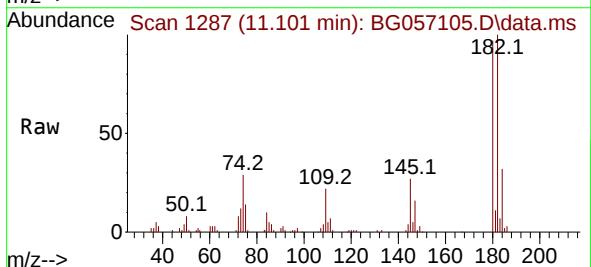
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Tgt Ion:162 Resp: 60837
Ion Ratio Lower Upper
162 100
164 63.4 43.4 83.4
98 35.7 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 45.270 ng
RT: 11.101 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:180 Resp: 65900
Ion Ratio Lower Upper
180 100
182 103.0 77.1 115.7
145 27.4 21.3 31.9

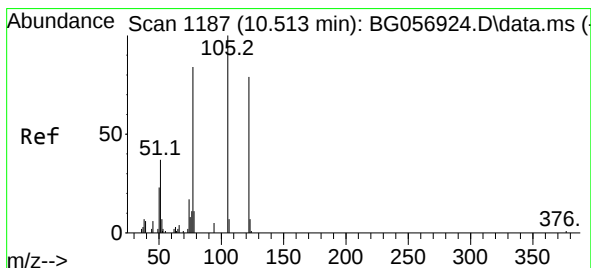
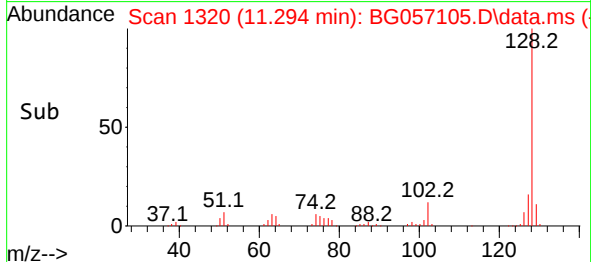
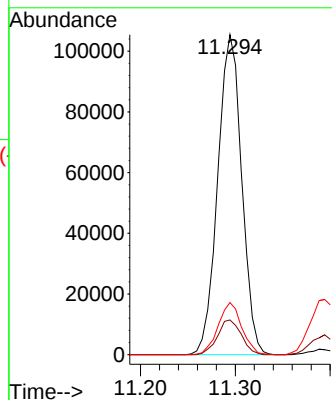
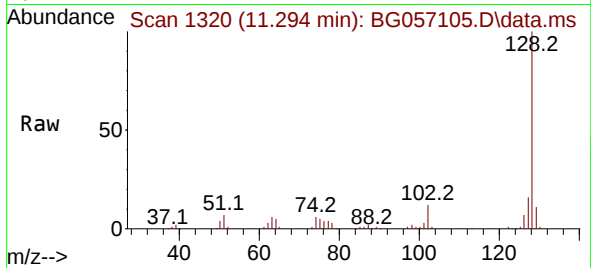




#31
Naphthalene
Concen: 45.484 ng
RT: 11.294 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

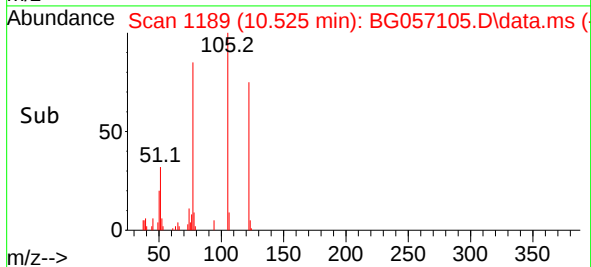
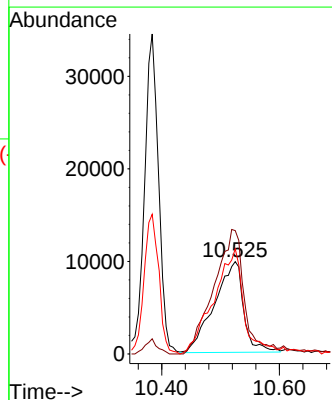
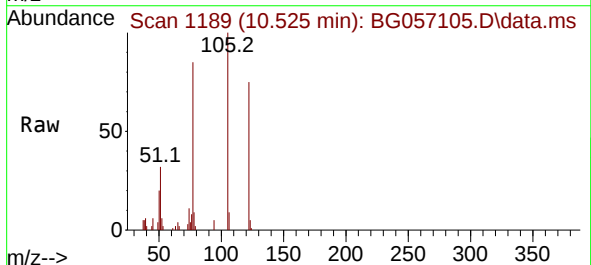
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

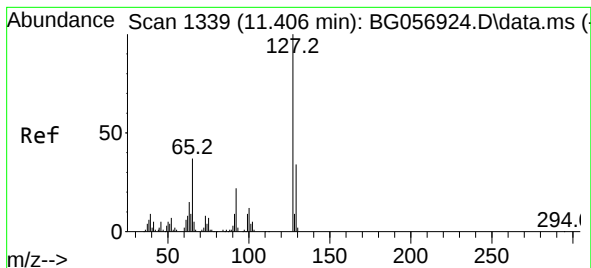
Tgt Ion:128 Resp: 185473
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 16.3 12.2 18.4



#32
Benzoic acid
Concen: 38.828 ng
RT: 10.525 min Scan# 1189
Delta R.T. 0.017 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:122 Resp: 33977
Ion Ratio Lower Upper
122 100
105 133.6 105.4 145.4
77 113.9 87.4 127.4

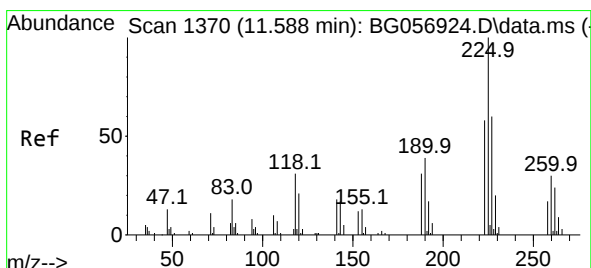
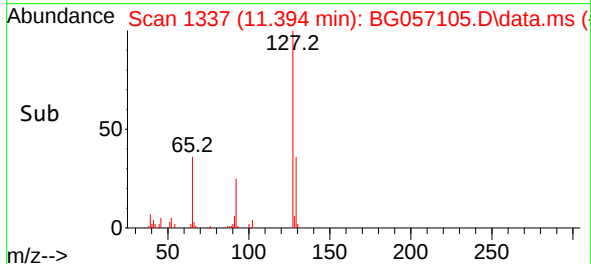
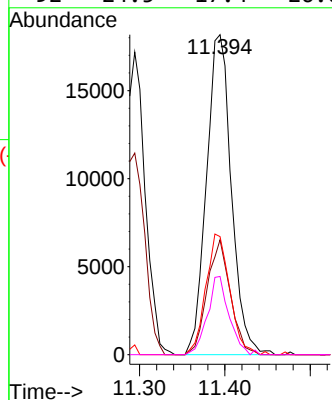
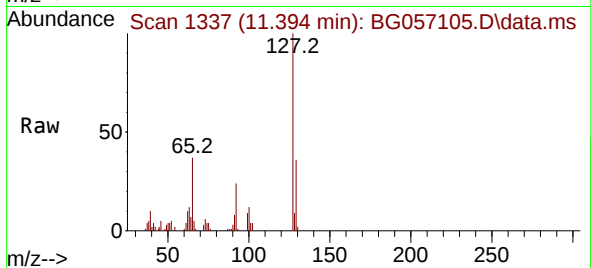




#33
4-Chloroaniline
Concen: 20.021 ng
RT: 11.394 min Scan# 11366
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

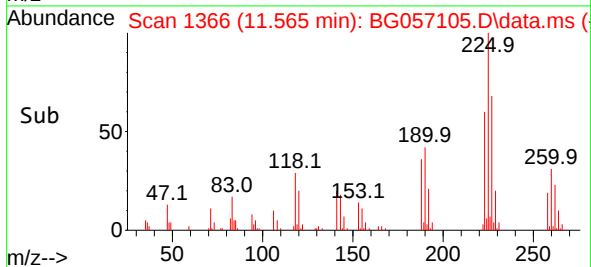
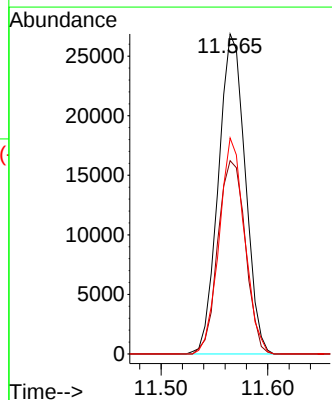
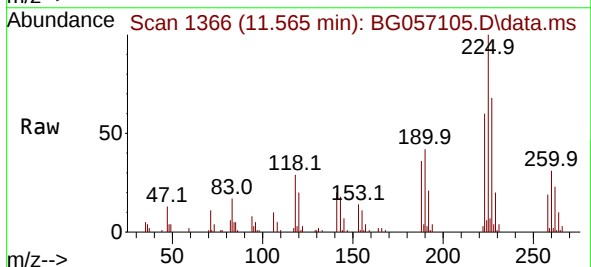
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

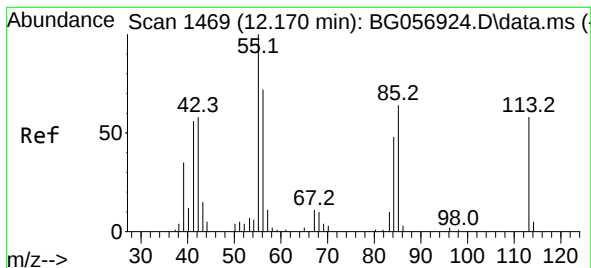
Tgt Ion:127	Resp:	36872
Ion Ratio	Lower	Upper
127	100	
129	35.9	27.6 41.4
65	36.9	29.8 44.8
92	24.5	17.4 26.0



#34
Hexachlorobutadiene
Concen: 42.895 ng
RT: 11.565 min Scan# 1366
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:225	Resp:	46906
Ion Ratio	Lower	Upper
225	100	
223	60.4	46.4 69.6
227	67.5	48.0 72.0

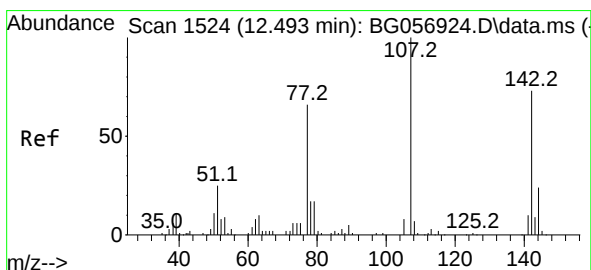
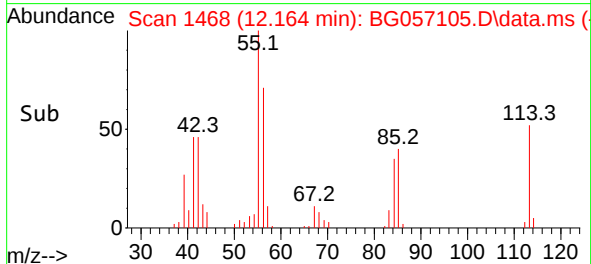
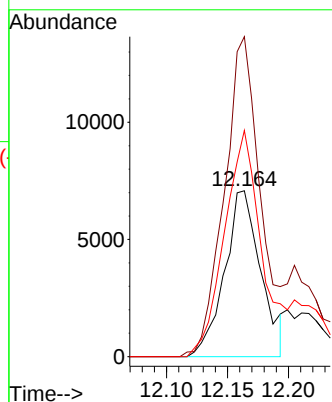
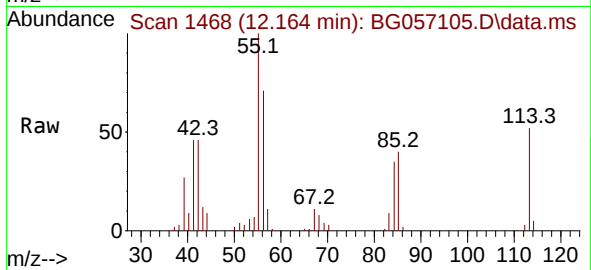




#35
 Caprolactam
 Concen: 30.850 ng
 RT: 12.164 min Scan# 1468
 Delta R.T. -0.001 min
 Lab File: BG057105.D
 Acq: 14 Apr 2023 18:30

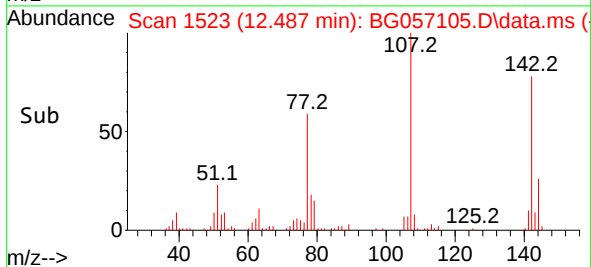
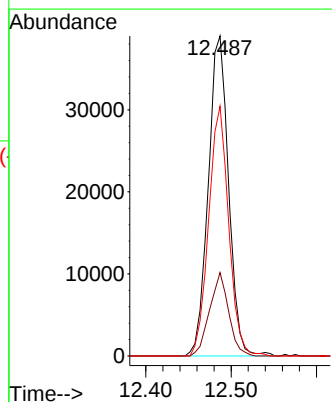
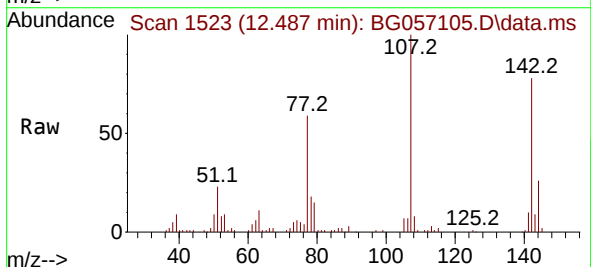
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MS

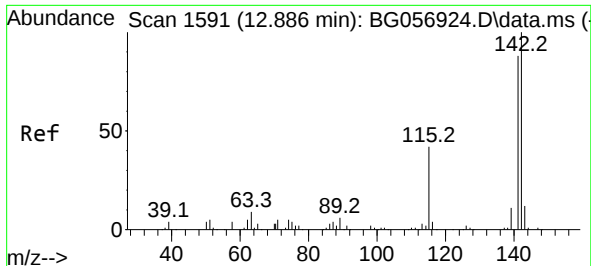
Tgt Ion:113 Resp: 14576
 Ion Ratio Lower Upper
 113 100
 55 192.9 151.6 191.6#
 56 136.4 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.108 ng
 RT: 12.487 min Scan# 1523
 Delta R.T. -0.001 min
 Lab File: BG057105.D
 Acq: 14 Apr 2023 18:30

Tgt Ion:107 Resp: 64515
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.0 28.4
 142 78.0 58.6 88.0





#37

2-Methylnaphthalene

Concen: 38.870 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

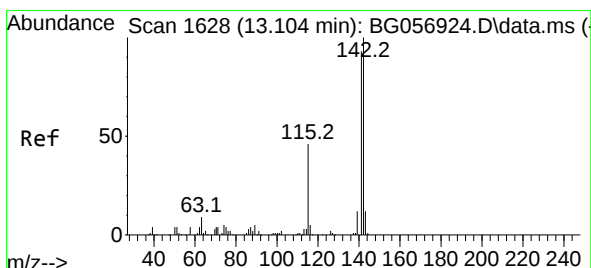
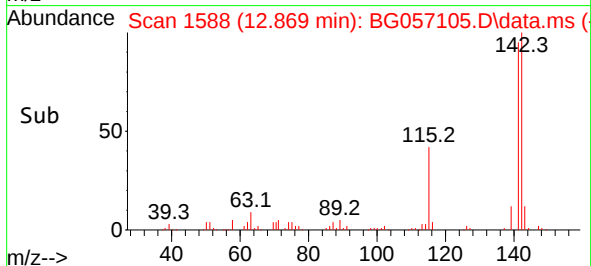
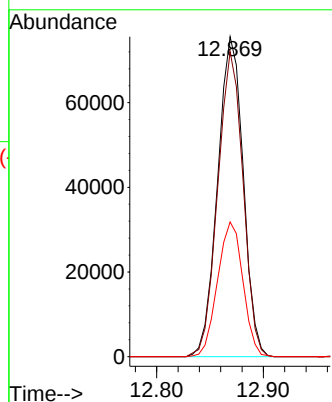
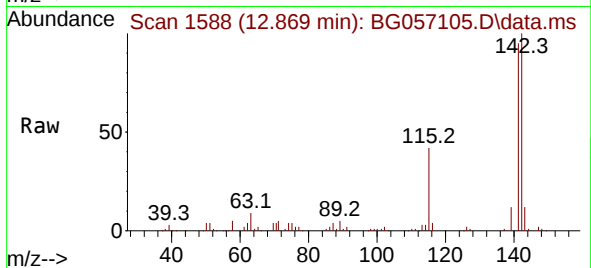
Tgt Ion:142 Resp: 125797

Ion Ratio Lower Upper

142 100

141 95.3 70.3 105.5

115 42.1 33.5 50.3



#38

1-Methylnaphthalene

Concen: 39.746 ng

RT: 13.086 min Scan# 1625

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

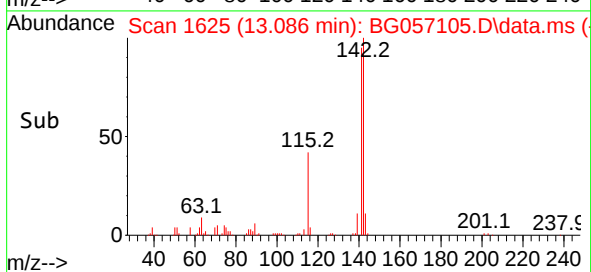
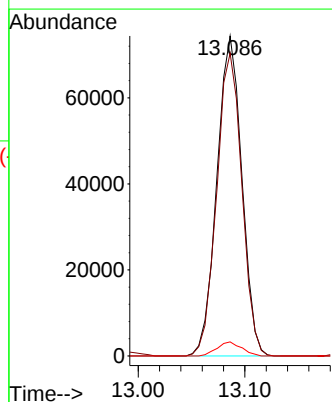
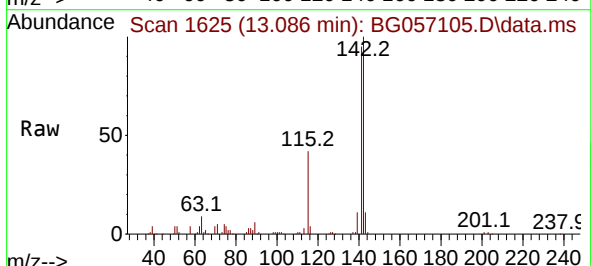
Tgt Ion:142 Resp: 120786

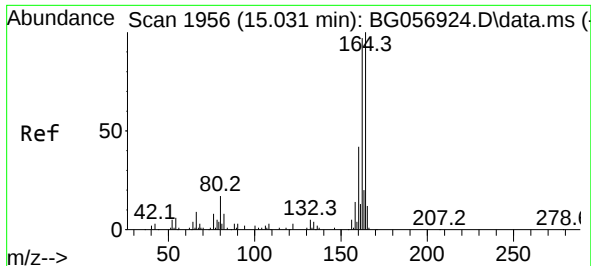
Ion Ratio Lower Upper

142 100

141 94.6 74.0 111.0

116 4.4 3.7 5.5

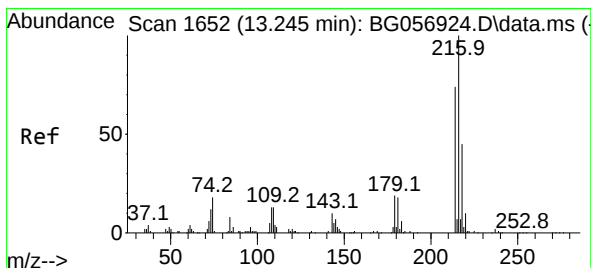
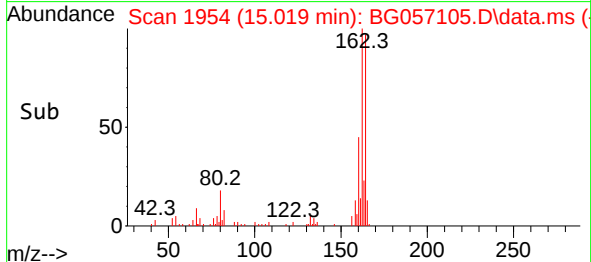
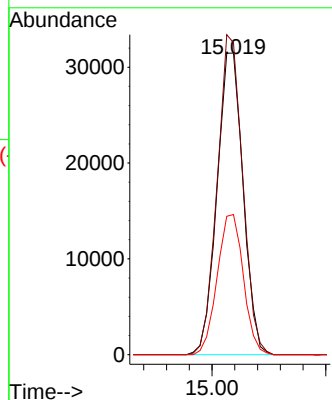
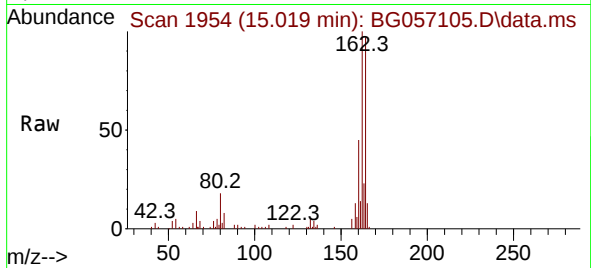




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

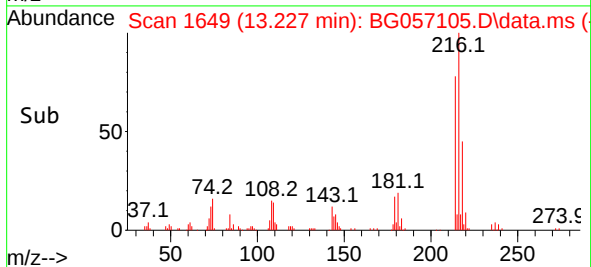
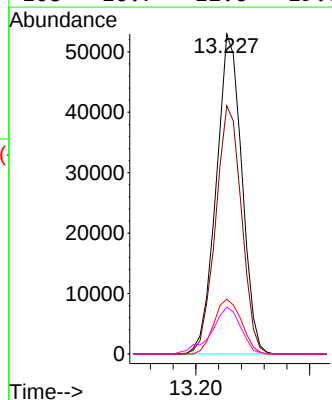
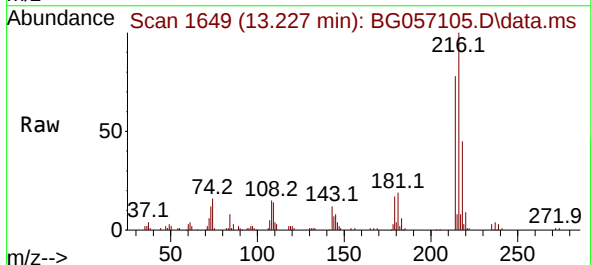
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

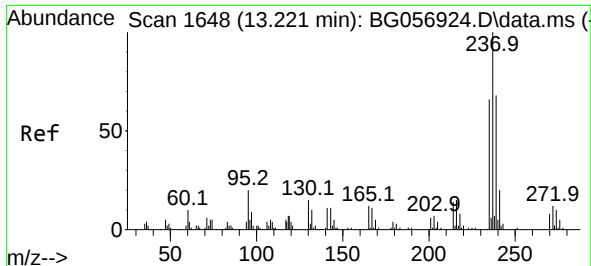
Tgt Ion:164 Resp: 50122
Ion Ratio Lower Upper
164 100
162 103.4 77.8 116.8
160 46.5 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.618 ng
RT: 13.227 min Scan# 1649
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

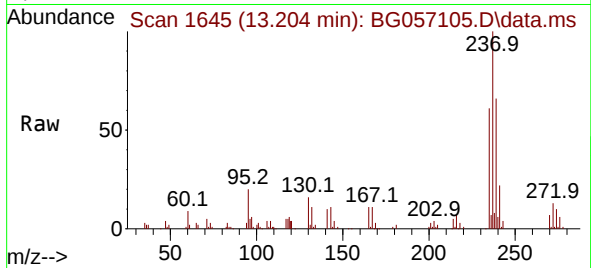
Tgt Ion:216 Resp: 82765
Ion Ratio Lower Upper
216 100
214 78.5 63.3 94.9
179 18.4 15.0 22.6
108 16.7 12.6 19.0



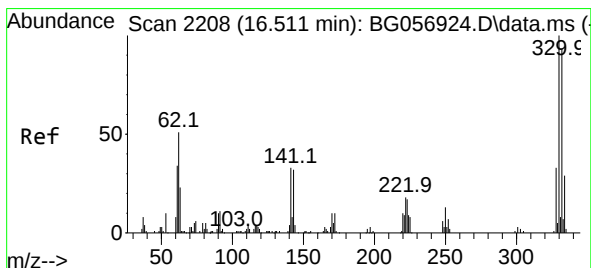
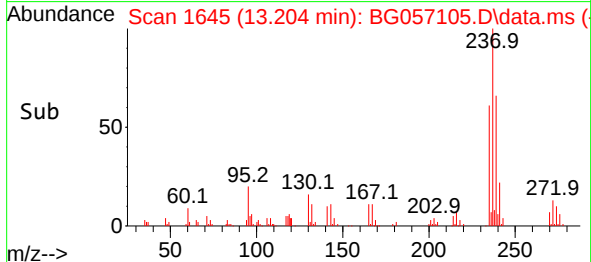
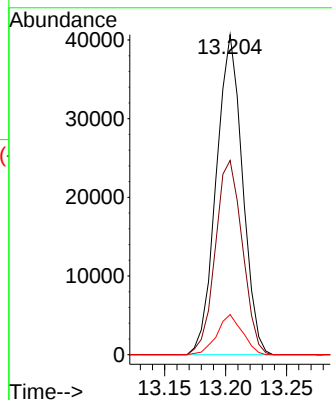


#41
Hexachlorocyclopentadiene
Concen: 63.561 ng
RT: 13.204 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

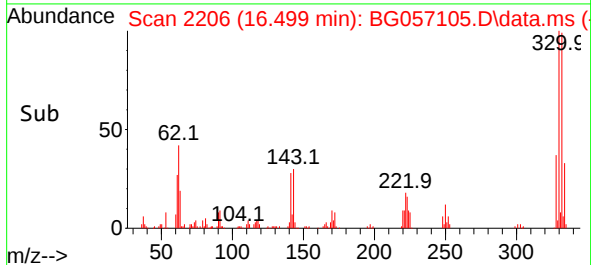
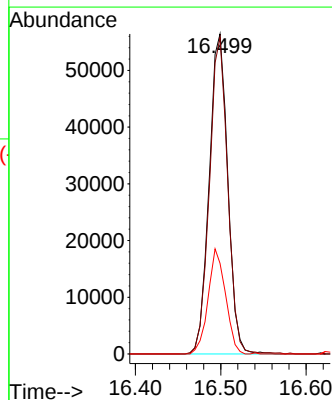
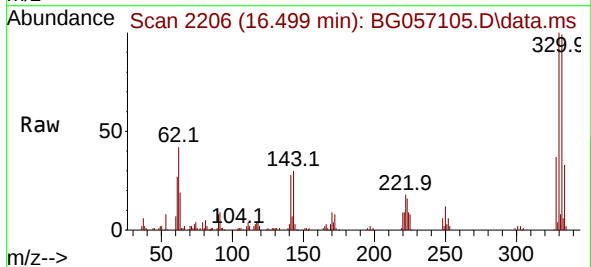


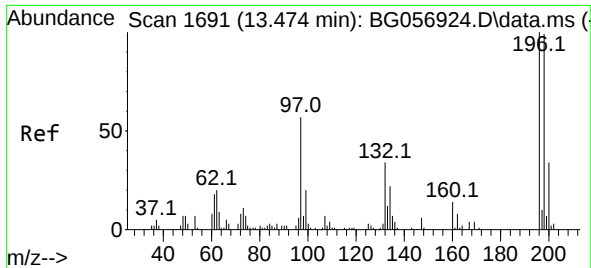
Tgt Ion:237 Resp: 60869
Ion Ratio Lower Upper
237 100
235 60.7 45.9 85.9
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 106.712 ng
RT: 16.499 min Scan# 2206
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:330 Resp: 85446
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 30.8 25.8 38.6

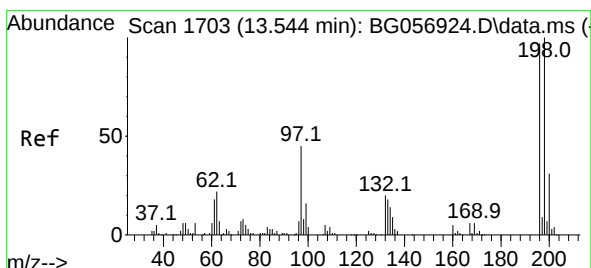
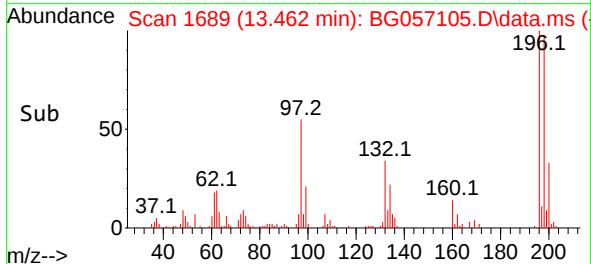
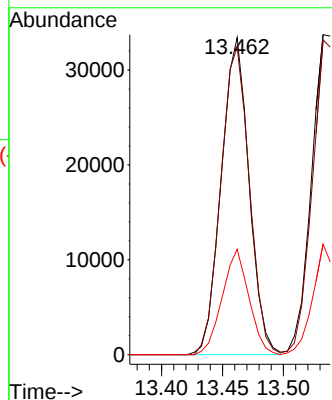
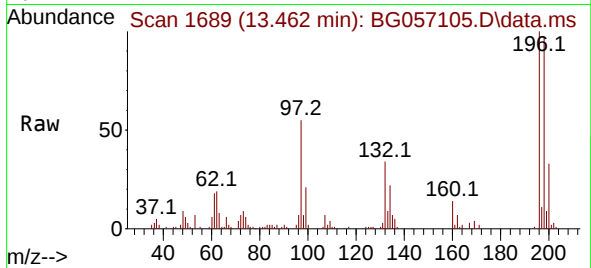




#43
2,4,6-Trichlorophenol
Concen: 47.807 ng
RT: 13.462 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

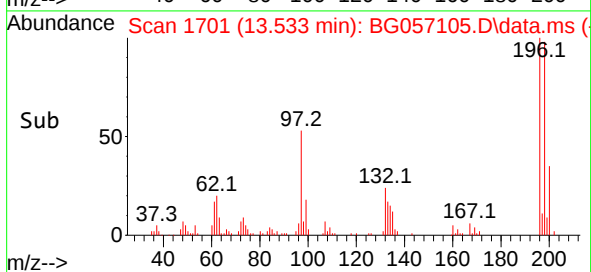
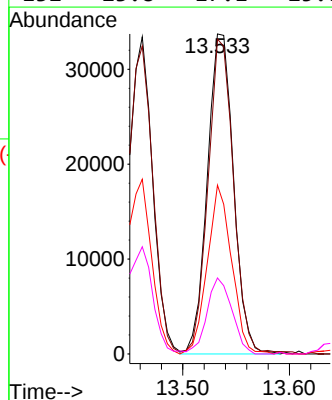
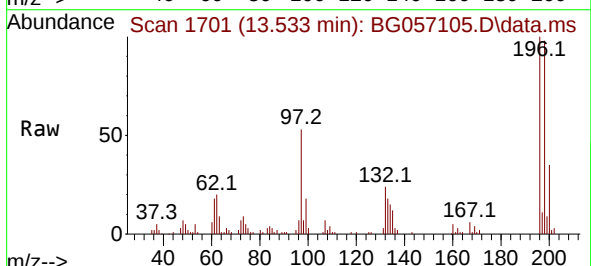
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

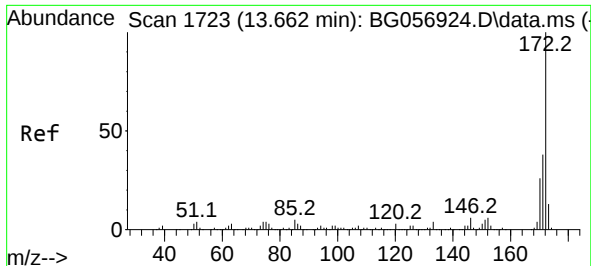
Tgt Ion:196 Resp: 53024
Ion Ratio Lower Upper
196 100
198 97.1 79.1 118.7
200 33.3 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 43.814 ng
RT: 13.533 min Scan# 1701
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:196 Resp: 57570
Ion Ratio Lower Upper
196 100
198 98.4 82.5 123.7
97 52.8 37.0 55.6
132 23.8 17.1 25.7

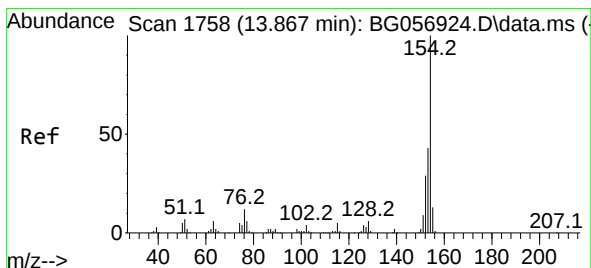
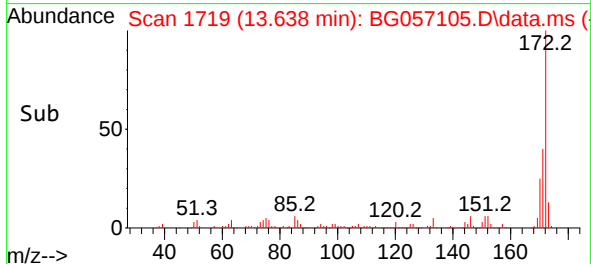
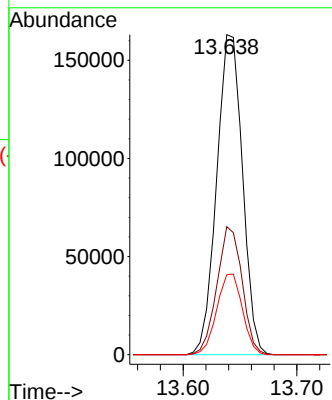
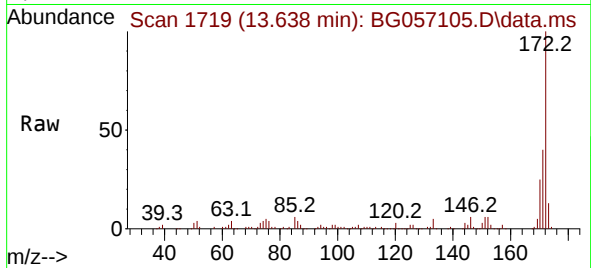




#45
2-Fluorobiphenyl
Concen: 69.654 ng
RT: 13.638 min Scan# 1719
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

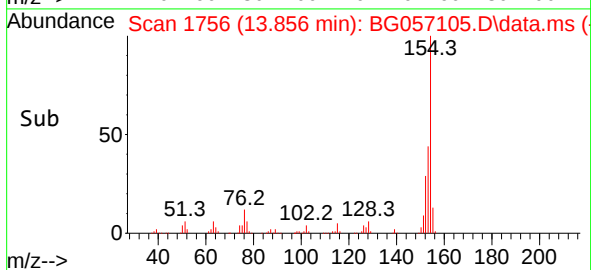
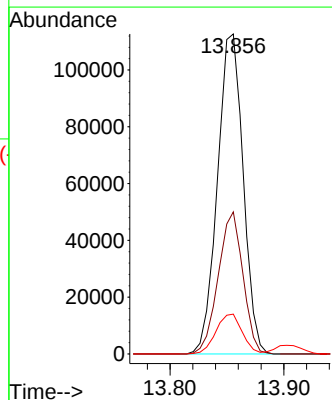
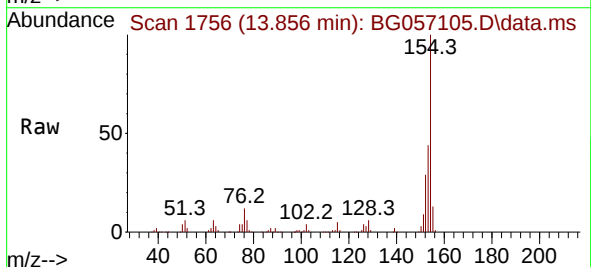
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Tgt Ion:172 Resp: 257462
Ion Ratio Lower Upper
172 100
171 40.0 30.6 46.0
170 25.0 20.6 30.8



#46
1,1'-Biphenyl
Concen: 48.215 ng
RT: 13.856 min Scan# 1756
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:154 Resp: 176904
Ion Ratio Lower Upper
154 100
153 44.4 23.4 63.4
76 12.5 0.0 31.6

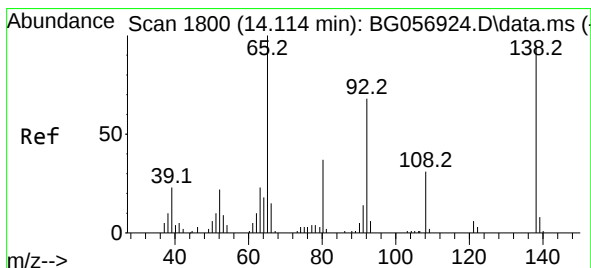
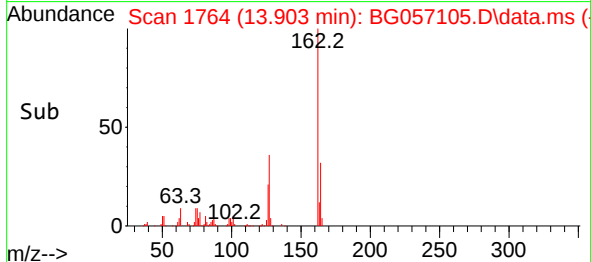
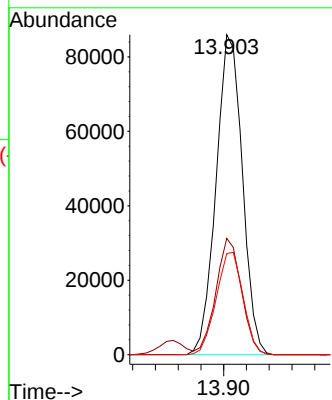
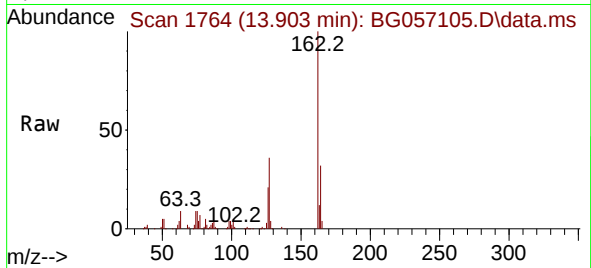




#47
2-Chloronaphthalene
Concen: 50.866 ng
RT: 13.903 min Scan# 1764
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

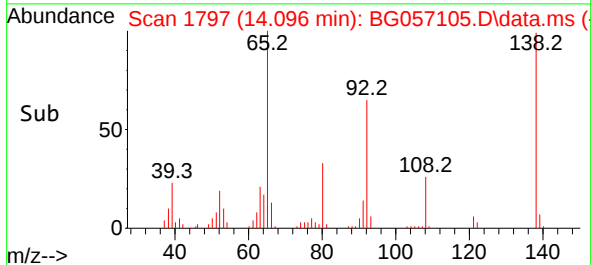
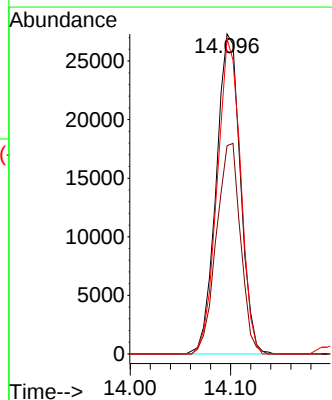
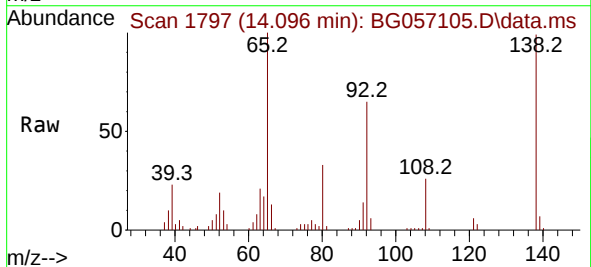
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

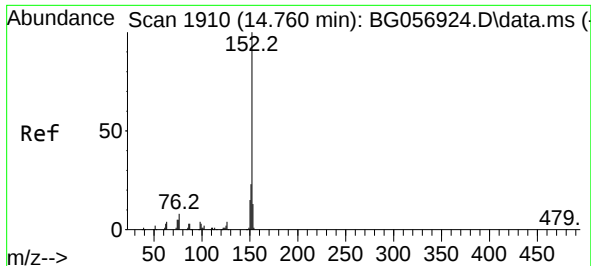
Tgt Ion:162 Resp: 138032
Ion Ratio Lower Upper
162 100
127 36.4 29.5 44.3
164 31.6 25.5 38.3



#48
2-Nitroaniline
Concen: 47.048 ng
RT: 14.096 min Scan# 1797
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion: 65 Resp: 45652
Ion Ratio Lower Upper
65 100
92 65.1 54.3 81.5
138 98.5 76.0 114.0

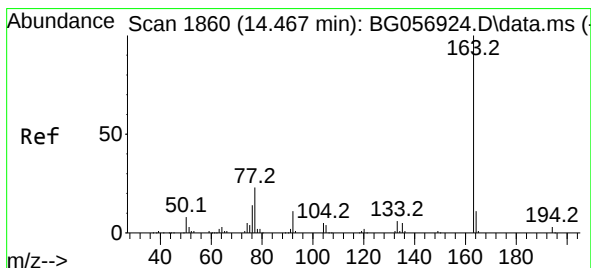
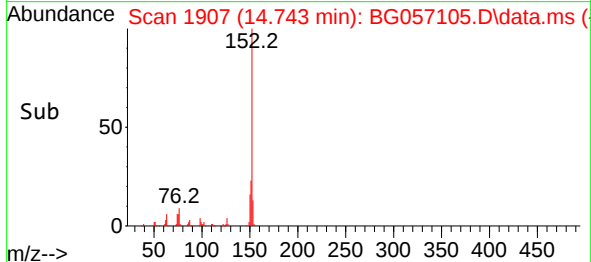
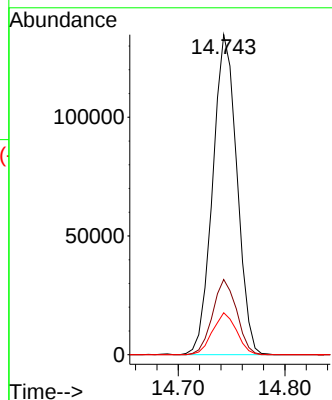
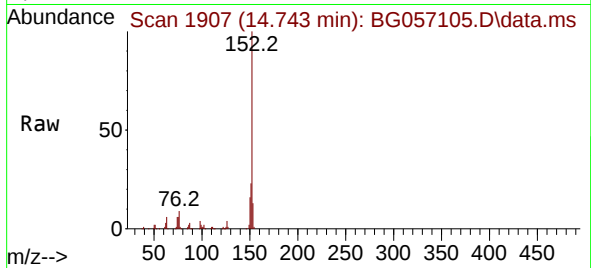




#49
Acenaphthylene
Concen: 47.732 ng
RT: 14.743 min Scan# 1910
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

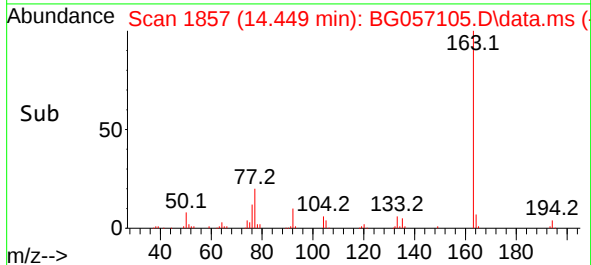
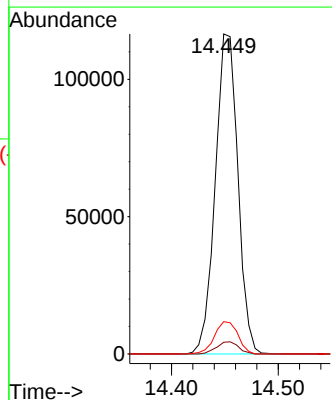
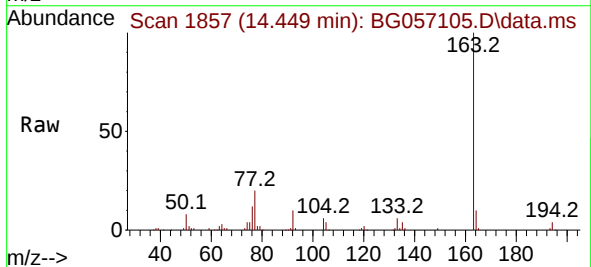
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Tgt Ion:152 Resp: 212815
Ion Ratio Lower Upper
152 100
151 23.5 18.2 27.2
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 43.382 ng
RT: 14.449 min Scan# 1857
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:163 Resp: 171326
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.1 8.8 13.2

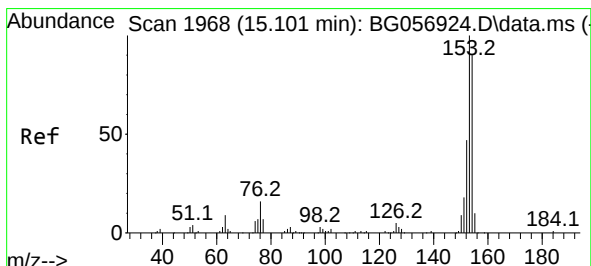
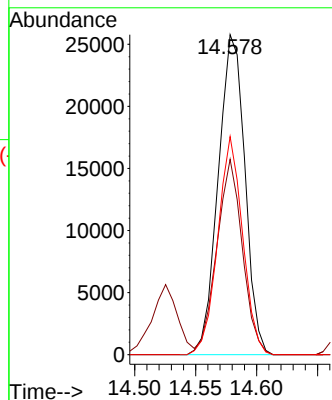
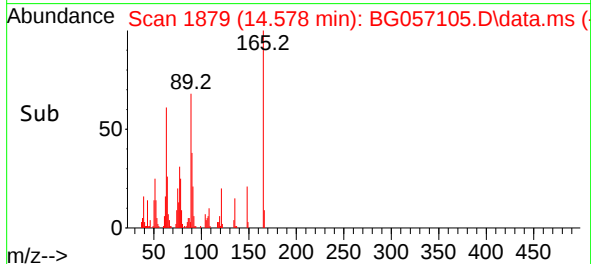
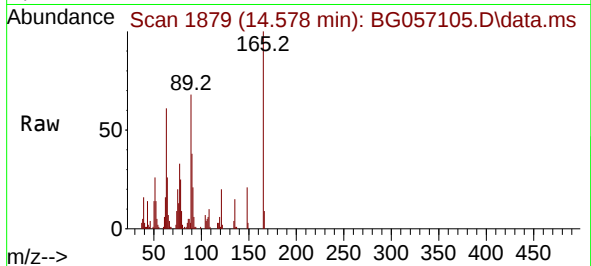




#51
2,6-Dinitrotoluene
Concen: 46.065 ng
RT: 14.578 min Scan# 1881
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

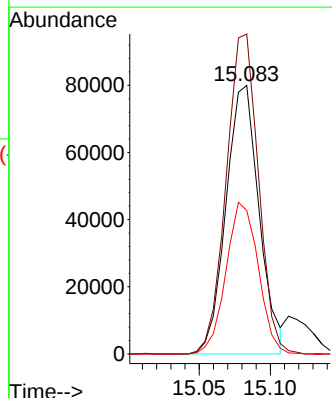
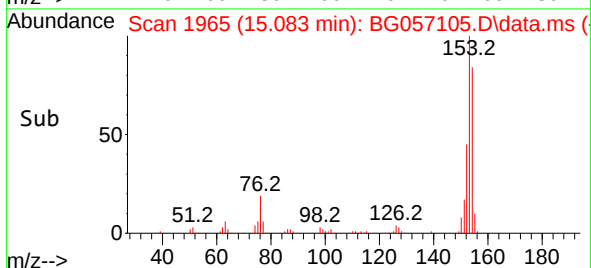
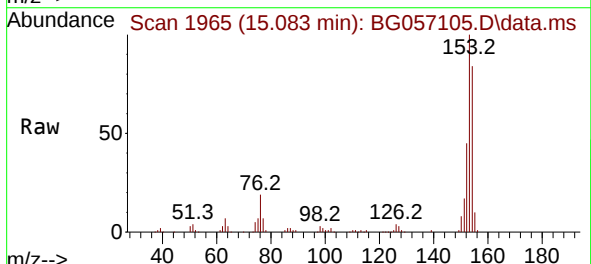
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Tgt Ion:165 Resp: 39306
Ion Ratio Lower Upper
165 100
63 61.0 53.0 79.6
89 68.2 51.0 76.4



#52
Acenaphthene
Concen: 42.188 ng
RT: 15.083 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:154 Resp: 129726
Ion Ratio Lower Upper
154 100
153 119.2 88.9 133.3
152 53.4 41.8 62.8

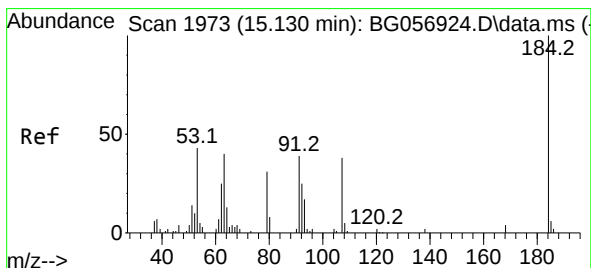
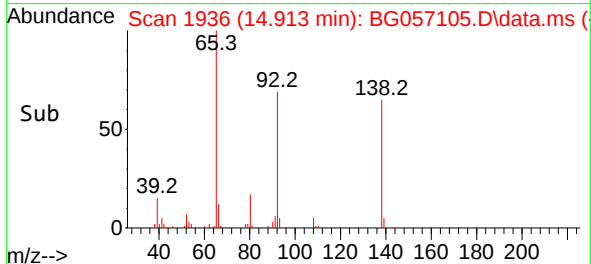
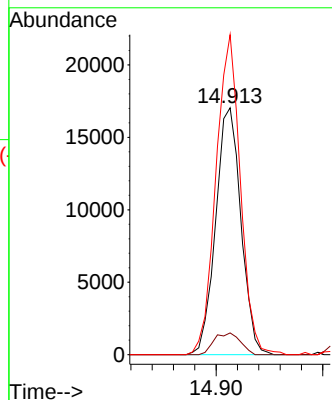
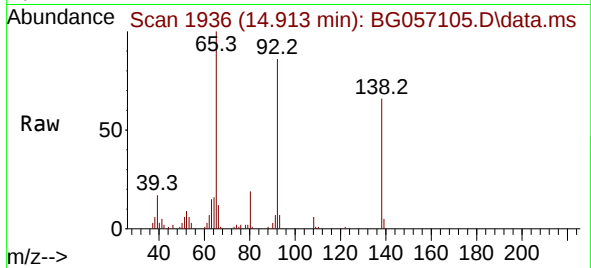




#53
3-Nitroaniline
Concen: 33.146 ng
RT: 14.913 min Scan# 1936
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

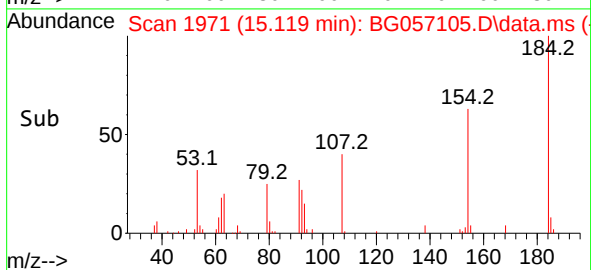
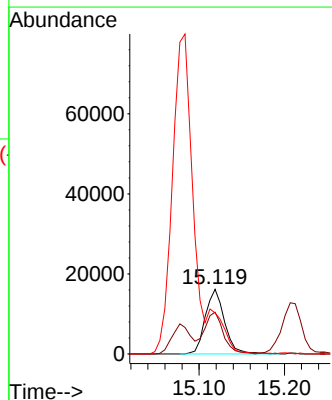
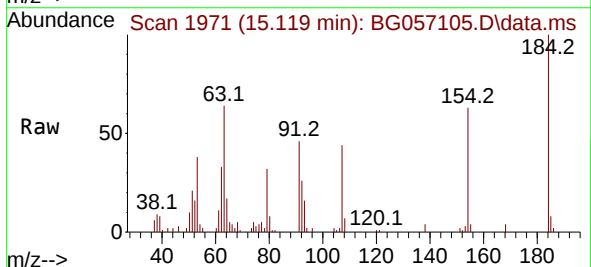
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

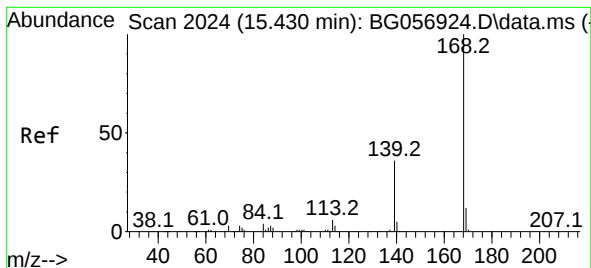
Tgt Ion:138 Resp: 27995
Ion Ratio Lower Upper
138 100
108 8.8 8.2 12.2
92 129.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 52.622 ng
RT: 15.119 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:184 Resp: 25273
Ion Ratio Lower Upper
184 100
63 64.5 46.5 69.7
154 63.4 53.5 80.3

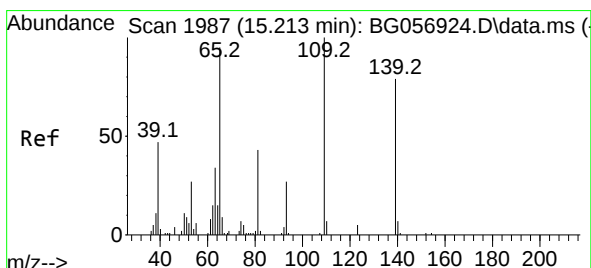
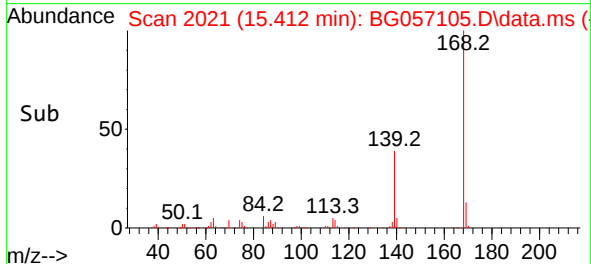
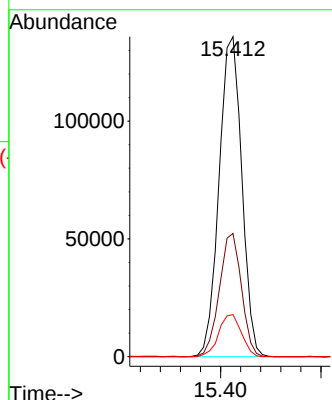
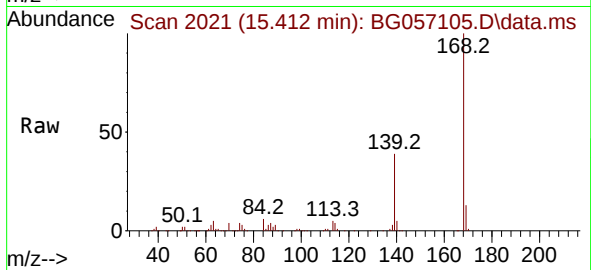




#55
Dibenzenofuran
Concen: 46.144 ng
RT: 15.412 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

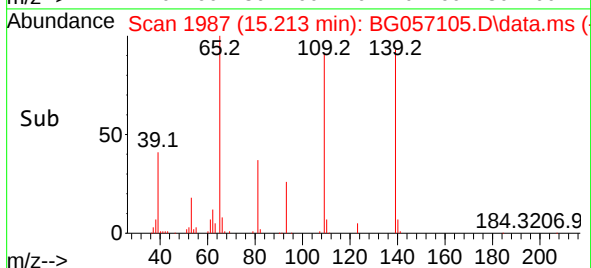
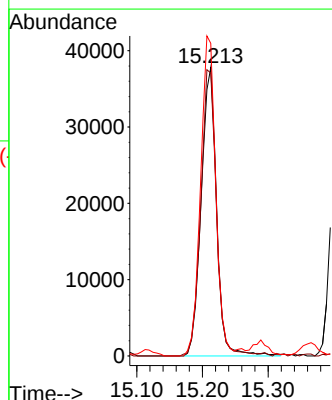
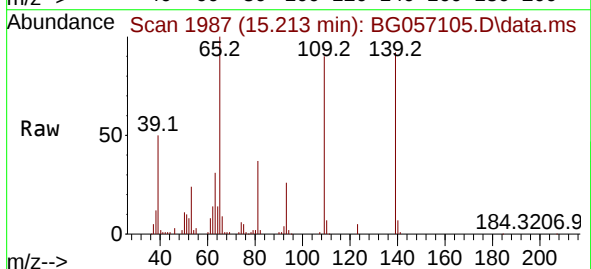
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

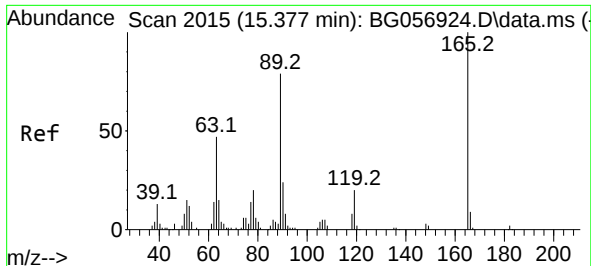
Tgt Ion:168 Resp: 212964
Ion Ratio Lower Upper
168 100
139 38.5 28.9 43.3
169 13.1 9.8 14.6



#56
4-Nitrophenol
Concen: 99.035 ng
RT: 15.213 min Scan# 1987
Delta R.T. 0.005 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:139 Resp: 61852
Ion Ratio Lower Upper
139 100
109 98.1 106.7 146.7#
65 108.4 100.5 140.5

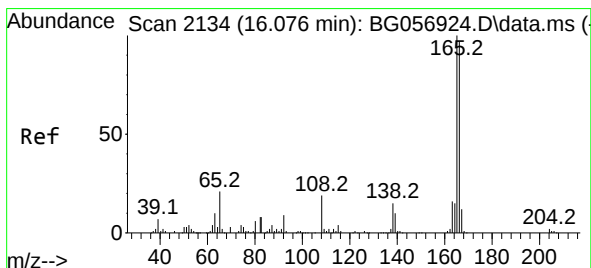
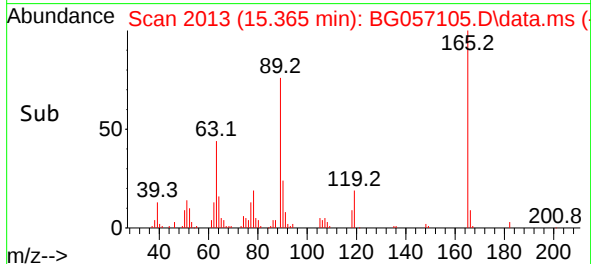
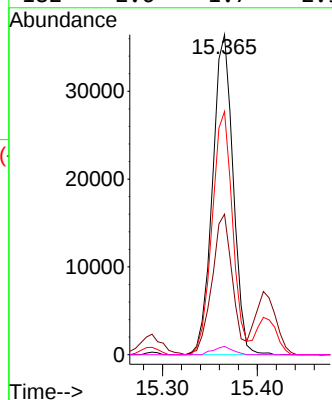
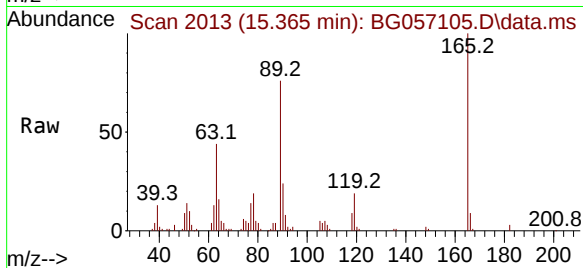




#57
2,4-Dinitrotoluene
Concen: 45.757 ng
RT: 15.365 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

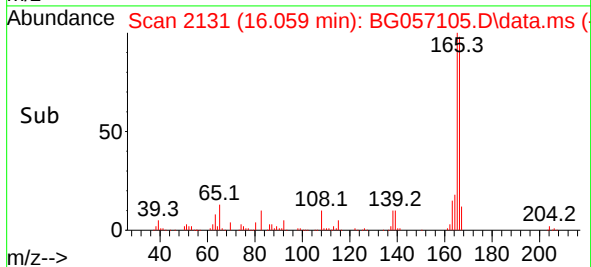
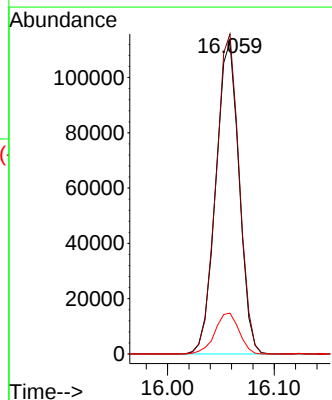
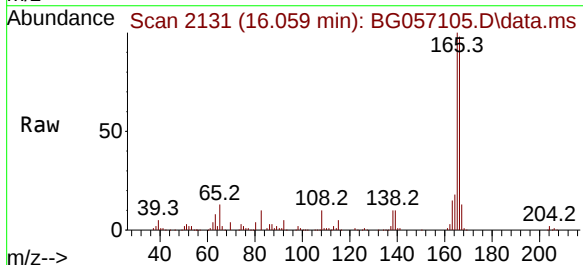
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

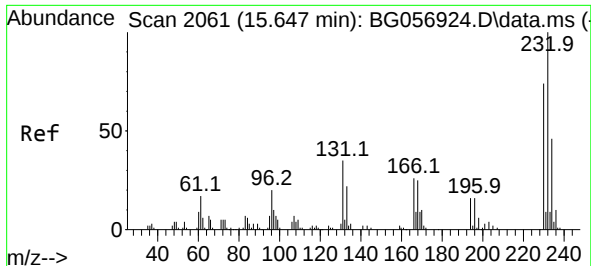
Tgt Ion:165 Resp: 55066
Ion Ratio Lower Upper
165 100
63 43.9 37.7 56.5
89 76.0 63.2 94.8
182 2.6 1.7 2.5#



#58
Fluorene
Concen: 44.753 ng
RT: 16.059 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:166 Resp: 170909
Ion Ratio Lower Upper
166 100
165 102.5 82.6 123.8
167 13.1 10.2 15.2

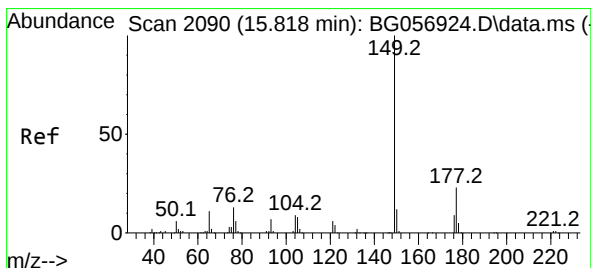
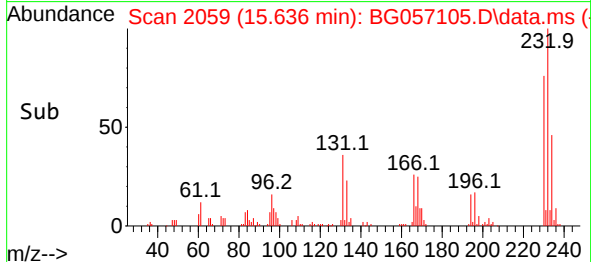
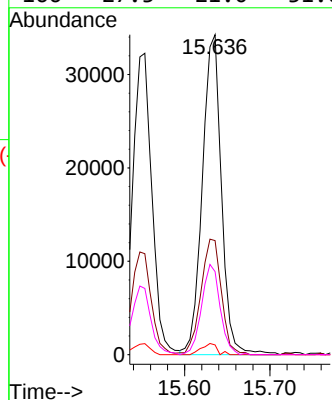
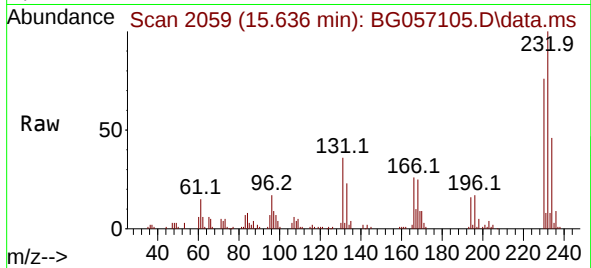




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.638 ng
RT: 15.636 min Scan# 2059
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

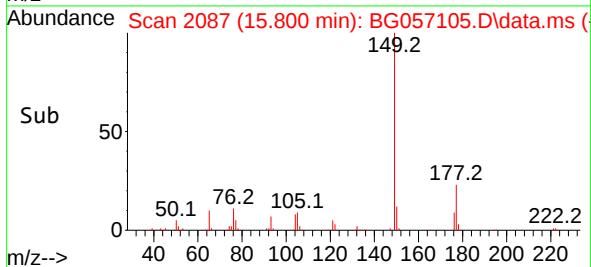
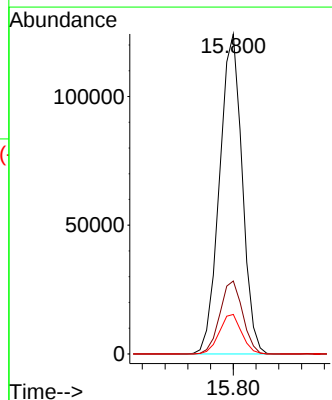
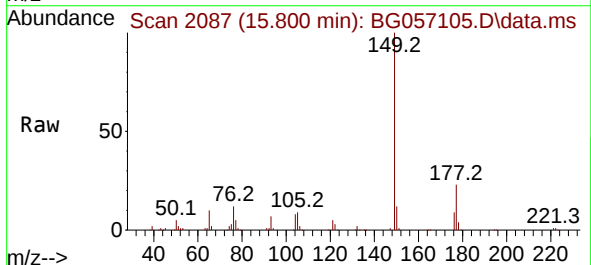
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

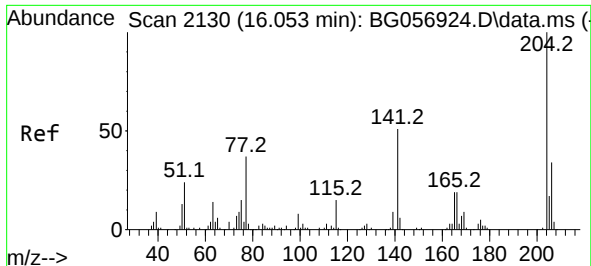
Tgt Ion:232 Resp: 53403
Ion Ratio Lower Upper
232 100
131 38.7 29.3 43.9
130 2.9 1.7 2.5#
166 27.3 21.0 31.6



#60
Diethylphthalate
Concen: 43.331 ng
RT: 15.800 min Scan# 2087
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:149 Resp: 171554
Ion Ratio Lower Upper
149 100
177 22.8 18.8 28.2
150 12.4 9.4 14.2

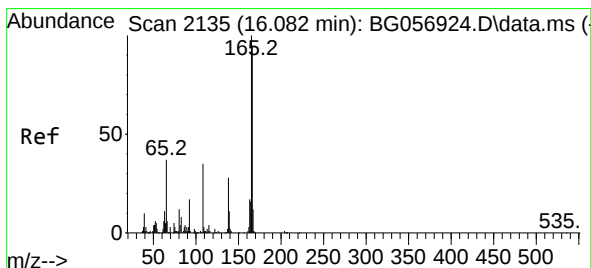
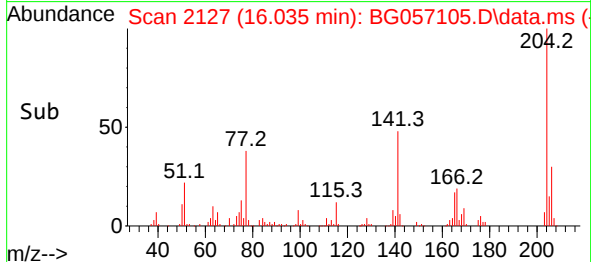
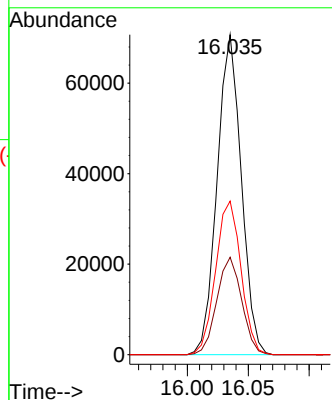
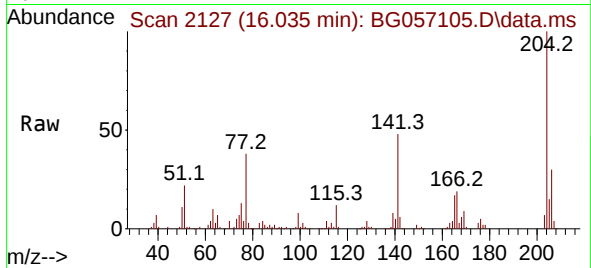




#61
4-Chlorophenyl-phenylether
Concen: 43.531 ng
RT: 16.035 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

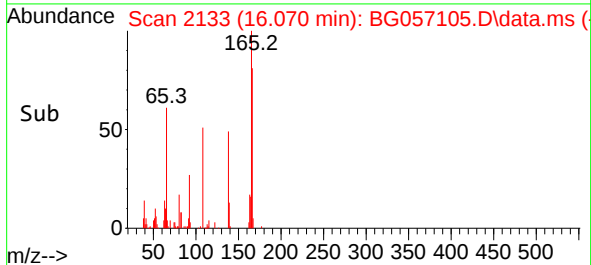
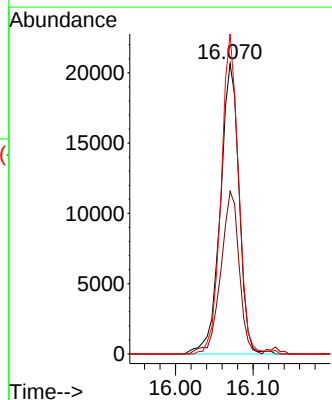
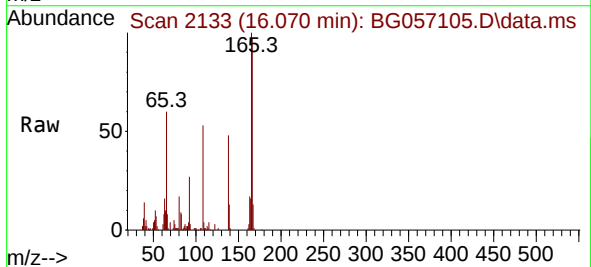
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

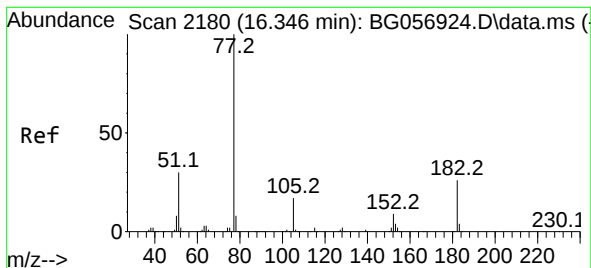
Tgt Ion:204 Resp: 97608
Ion Ratio Lower Upper
204 100
206 30.5 27.2 40.8
141 48.0 40.7 61.1



#62
4-Nitroaniline
Concen: 39.732 ng
RT: 16.070 min Scan# 2133
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:138 Resp: 34768
Ion Ratio Lower Upper
138 100
92 56.0 40.9 80.9
108 110.2 104.3 144.3





#63

Azobenzene

Concen: 47.589 ng

RT: 16.329 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

Tgt Ion: 77 Resp: 187768

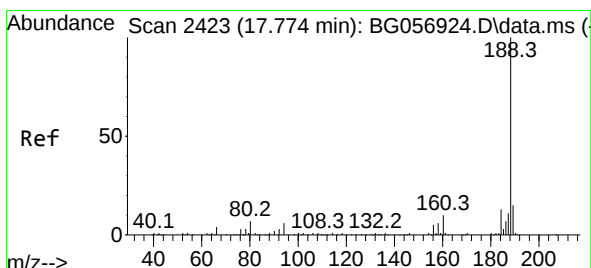
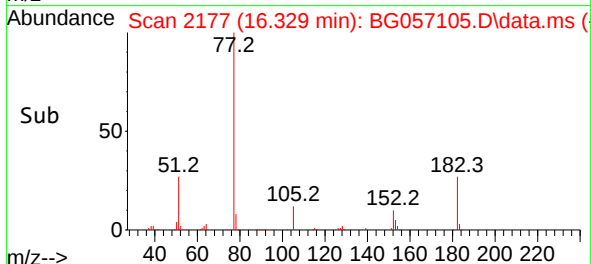
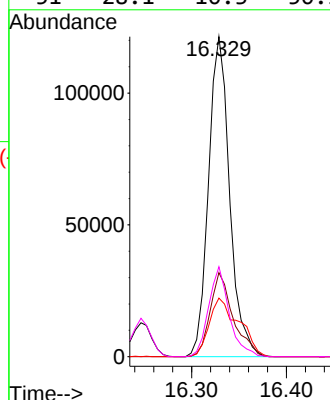
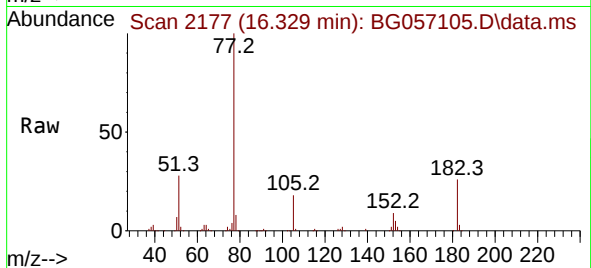
Ion Ratio Lower Upper

77 100

182 26.3 5.9 45.9

105 18.3 0.0 36.8

51 28.1 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.756 min Scan# 2420

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

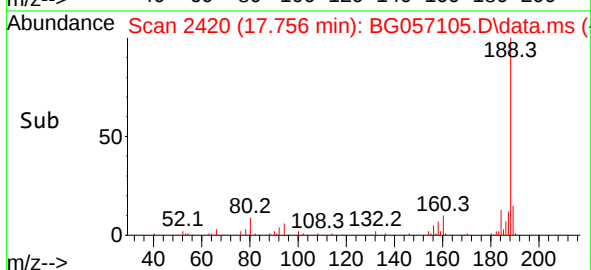
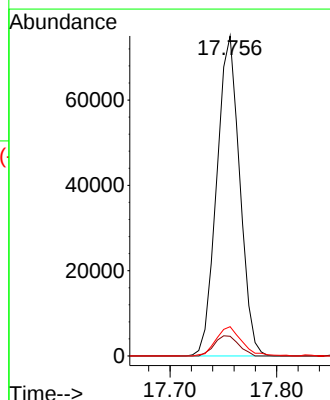
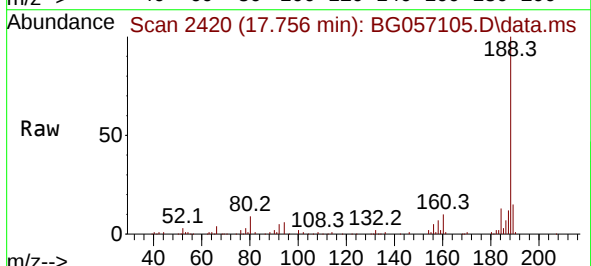
Tgt Ion:188 Resp: 112192

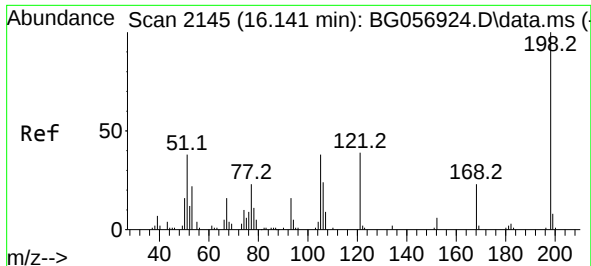
Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 9.2 5.5 8.3#

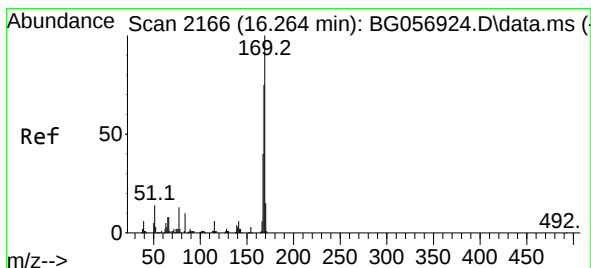
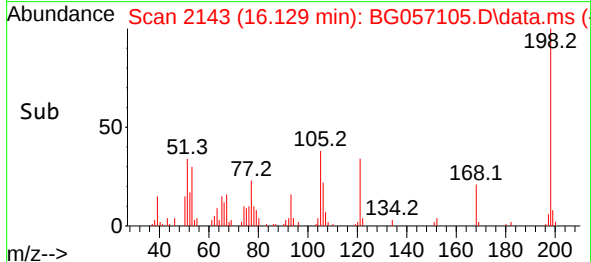
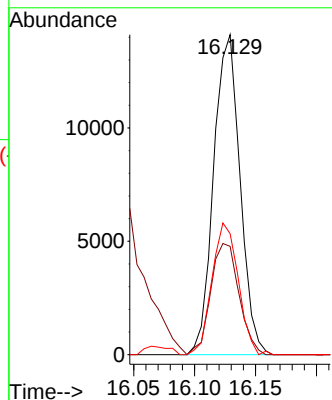
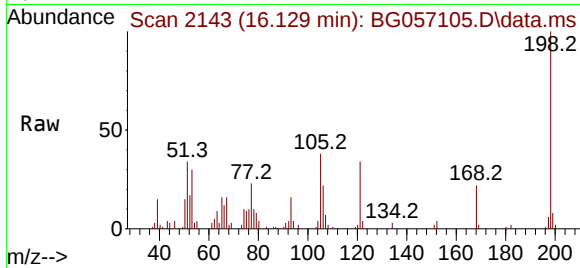




#65
4,6-Dinitro-2-methylphenol
Concen: 31.249 ng
RT: 16.129 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

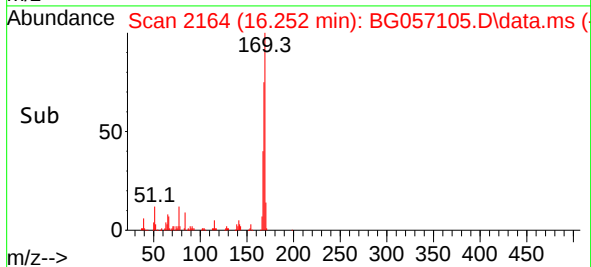
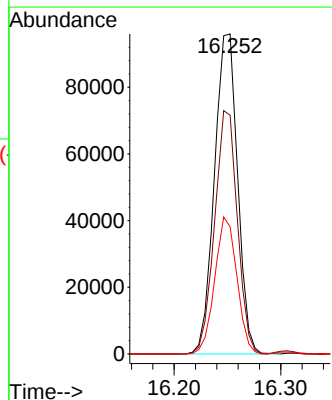
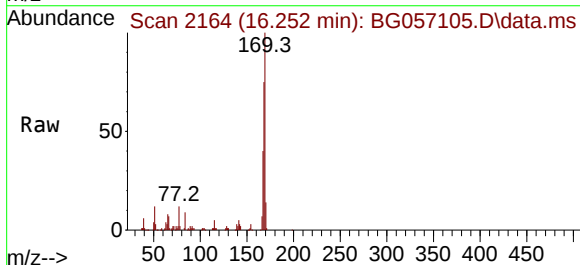
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

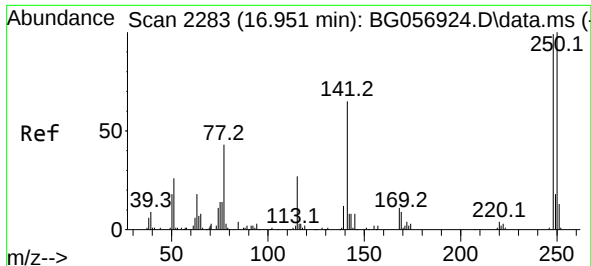
Tgt Ion:198 Resp: 21233
Ion Ratio Lower Upper
198 100
51 33.9 20.5 60.5
105 37.8 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 48.086 ng
RT: 16.252 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:169 Resp: 144821
Ion Ratio Lower Upper
169 100
168 74.6 59.6 89.4
167 39.7 31.8 47.8

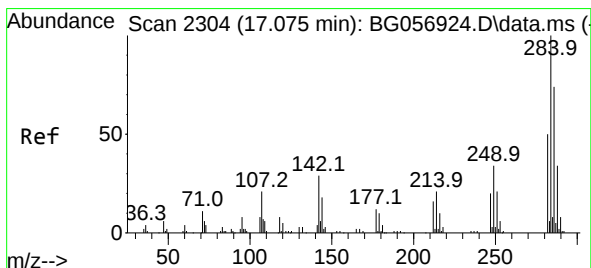
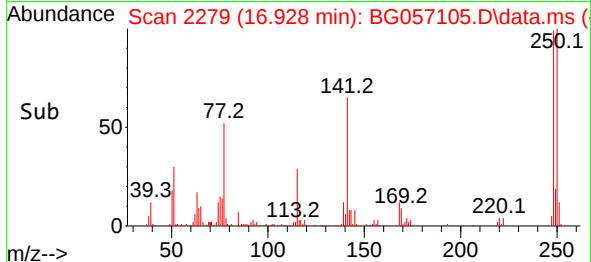
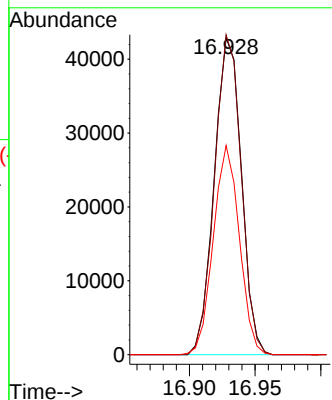
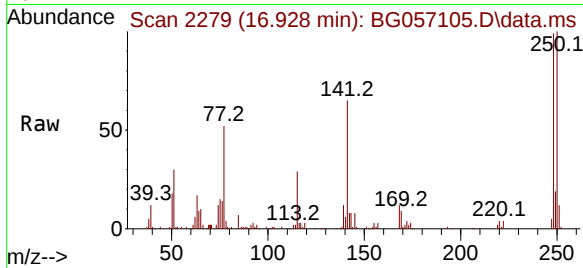




#67
4-Bromophenyl-phenylether
Concen: 44.420 ng
RT: 16.928 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

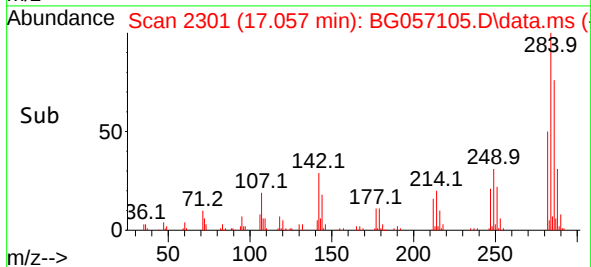
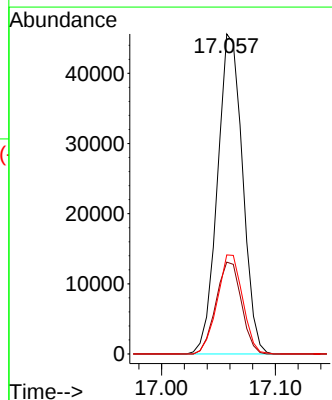
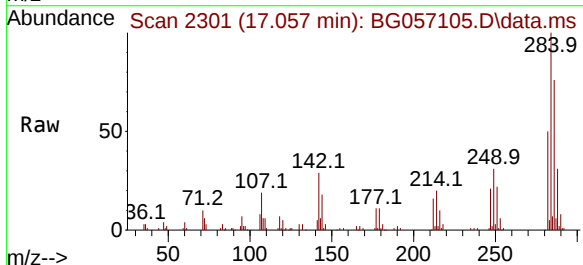
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

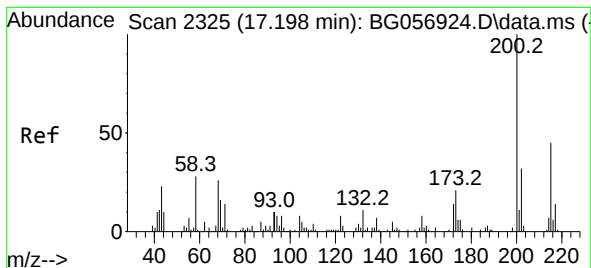
Tgt Ion:248 Resp: 61662
Ion Ratio Lower Upper
248 100
250 101.0 80.5 120.7
141 66.0 52.0 78.0



#68
Hexachlorobenzene
Concen: 51.060 ng
RT: 17.057 min Scan# 2301
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:284 Resp: 70076
Ion Ratio Lower Upper
284 100
142 28.7 23.0 34.4
249 31.0 27.1 40.7





#69

Atrazine

Concen: 49.675 ng

RT: 17.181 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

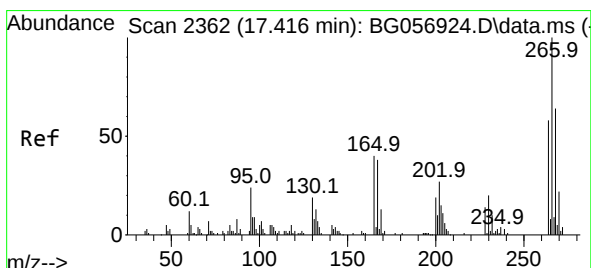
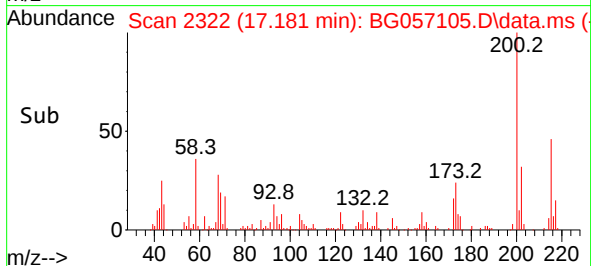
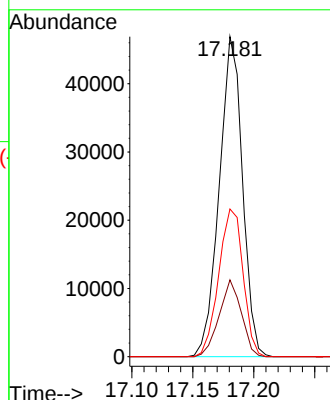
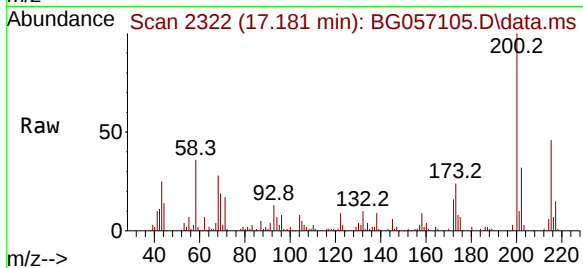
Tgt Ion:200 Resp: 62102

Ion Ratio Lower Upper

200 100

173 24.0 1.0 41.0

215 46.1 25.0 65.0



#70

Pentachlorophenol

Concen: 82.124 ng

RT: 17.404 min Scan# 2360

Delta R.T. -0.001 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

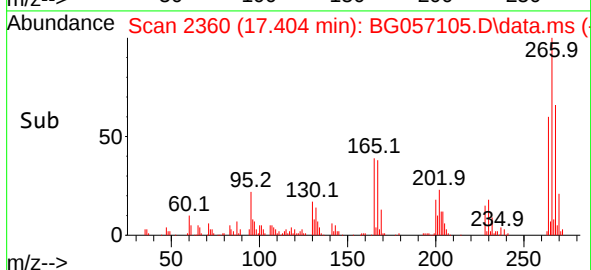
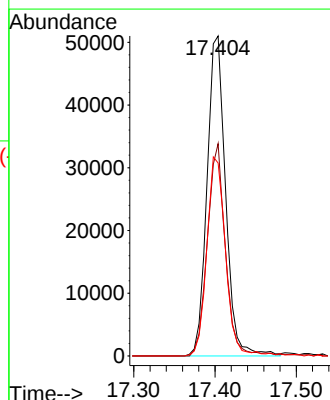
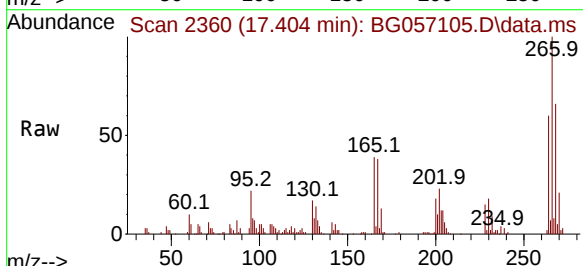
Tgt Ion:266 Resp: 80859

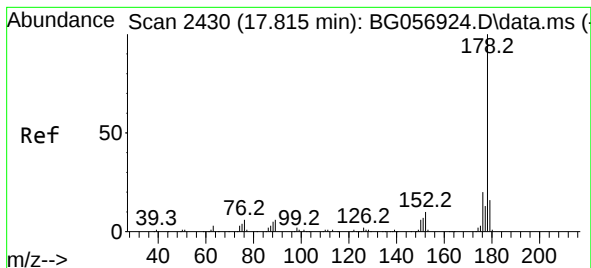
Ion Ratio Lower Upper

266 100

268 66.4 51.0 76.6

264 60.3 46.8 70.2





#71

Phenanthrene

Concen: 46.935 ng

RT: 17.797 min Scan# 2427

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

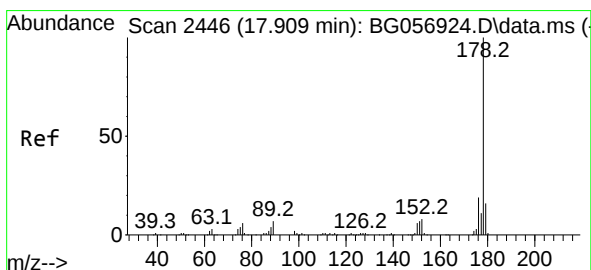
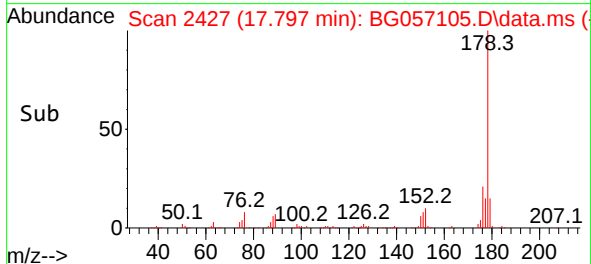
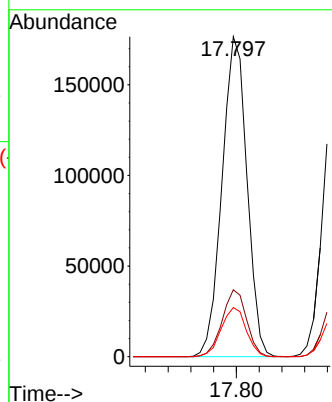
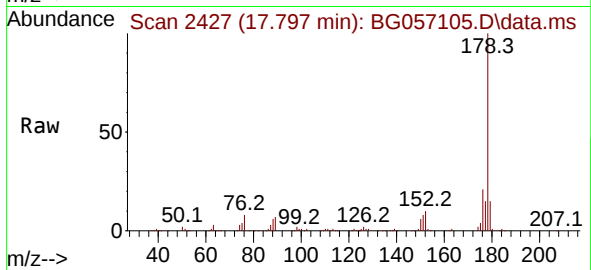
Tgt Ion:178 Resp: 268471

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.2

179 15.4 12.5 18.7



#72

Anthracene

Concen: 46.827 ng

RT: 17.891 min Scan# 2443

Delta R.T. -0.001 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

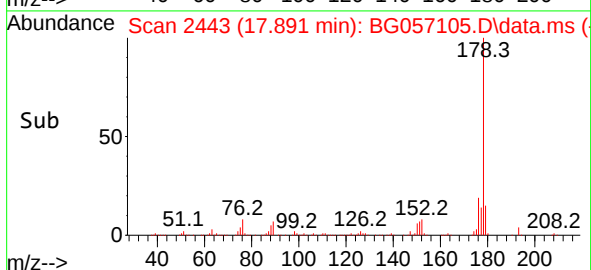
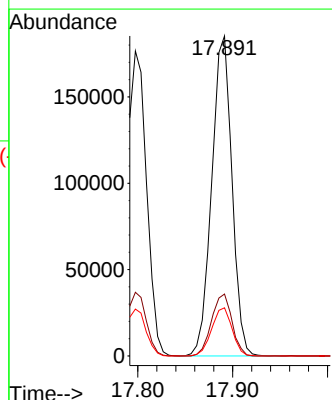
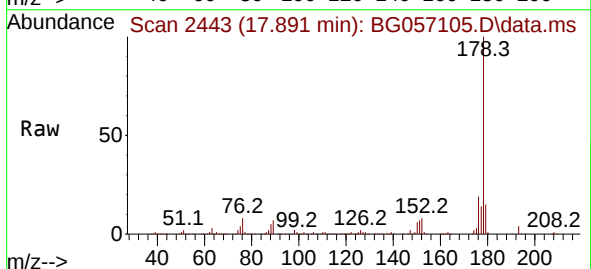
Tgt Ion:178 Resp: 274587

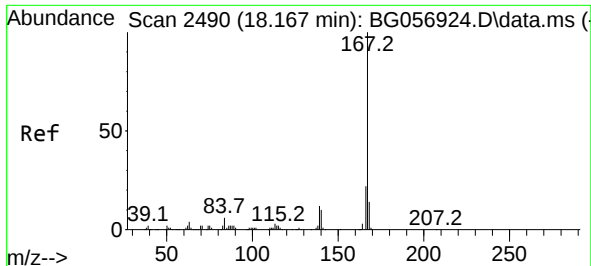
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.0 12.4 18.6

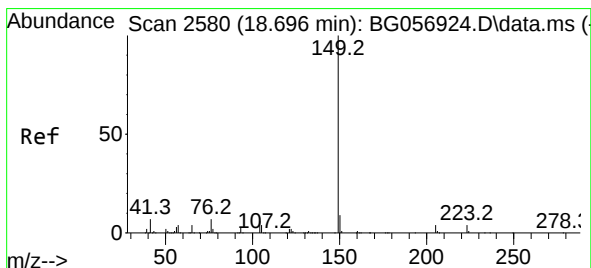
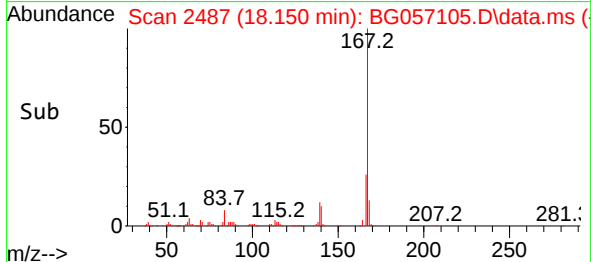
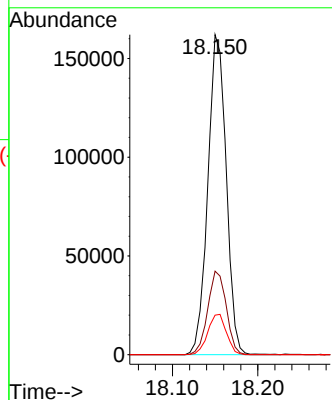
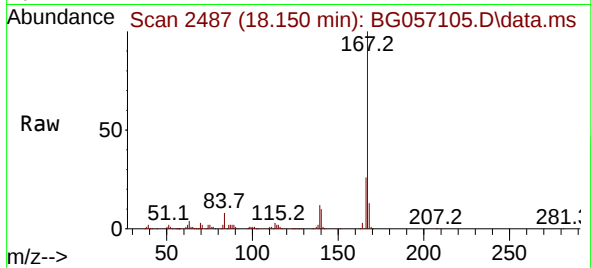




#73
Carbazole
Concen: 47.380 ng
RT: 18.150 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

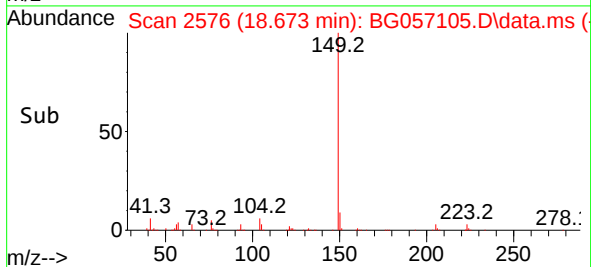
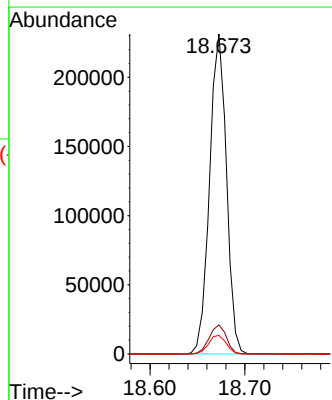
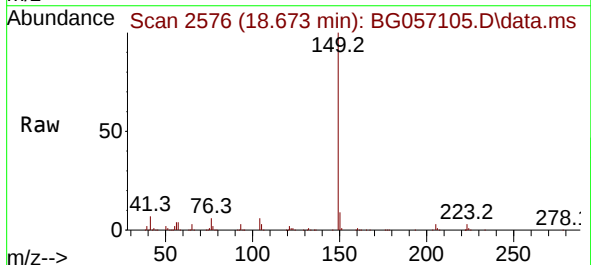
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

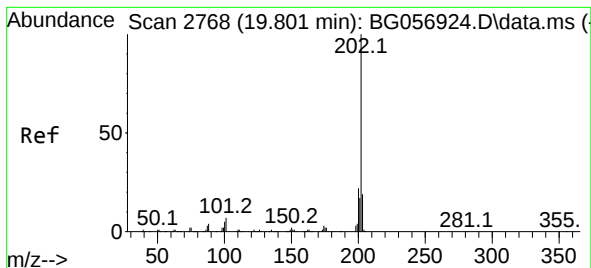
Tgt Ion:167 Resp: 242229
Ion Ratio Lower Upper
167 100
166 26.1 17.9 26.9
139 12.4 9.5 14.3



#74
Di-n-butylphthalate
Concen: 48.221 ng
RT: 18.673 min Scan# 2576
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:149 Resp: 285475
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.8 4.9 7.3





#75

Fluoranthene

Concen: 43.605 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

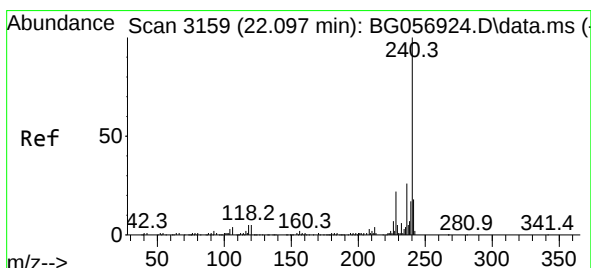
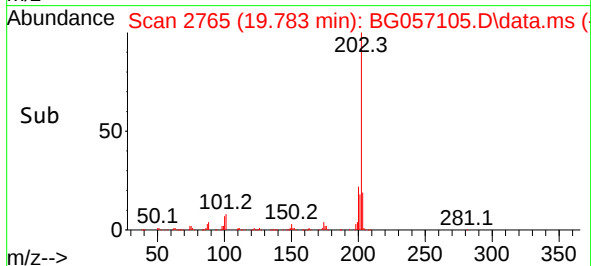
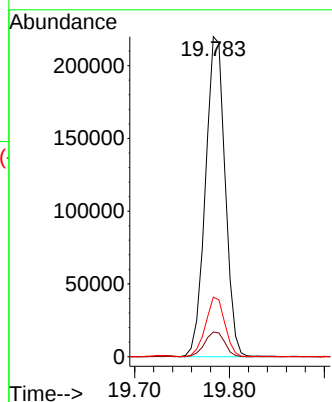
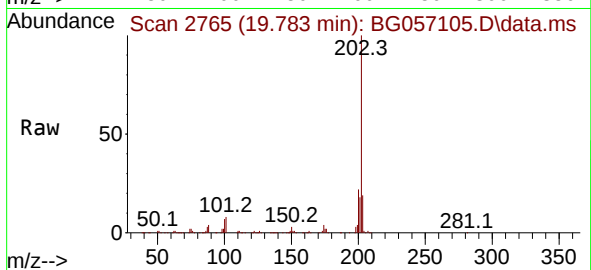
Tgt Ion:202 Resp: 316181

Ion Ratio Lower Upper

202 100

101 7.7 0.0 26.7

203 18.6 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.074 min Scan# 3155

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

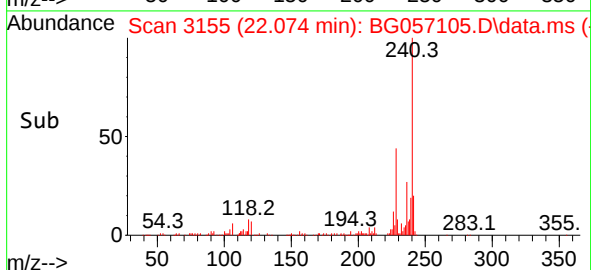
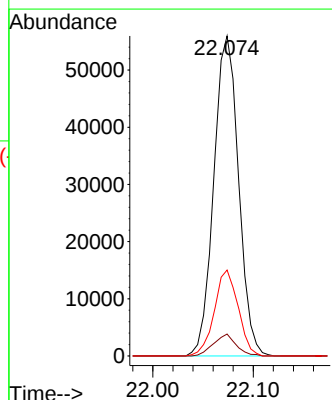
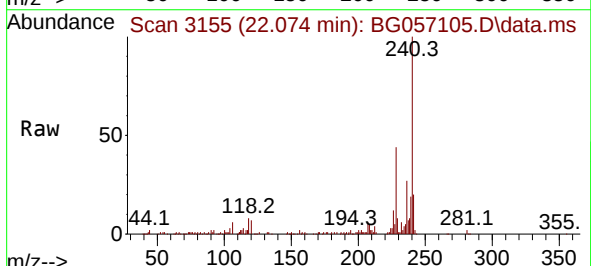
Tgt Ion:240 Resp: 95756

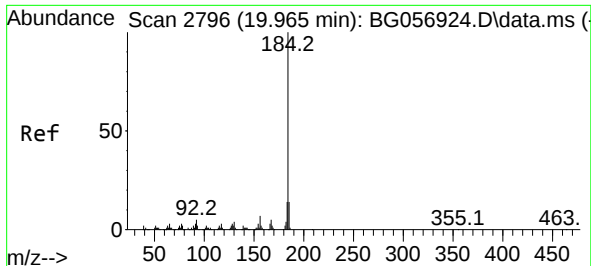
Ion Ratio Lower Upper

240 100

120 6.9 3.8 5.6#

236 26.8 21.0 31.6

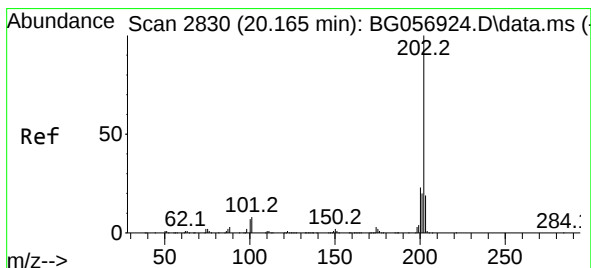
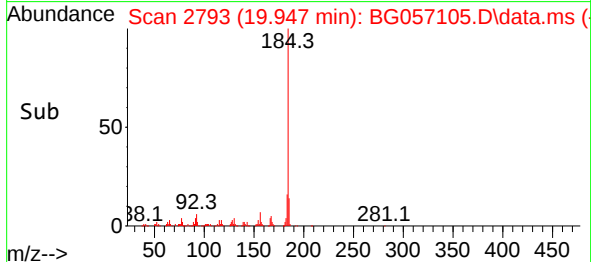
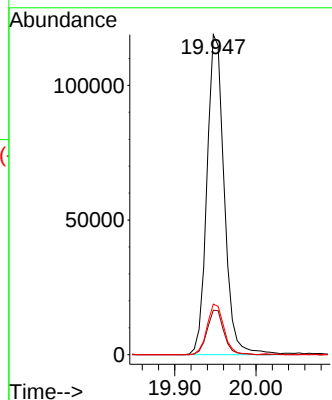
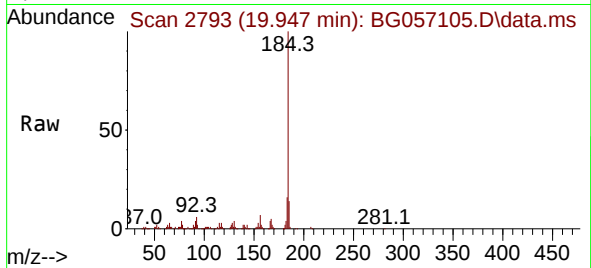




#77
Benzidine
Concen: 66.856 ng
RT: 19.947 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

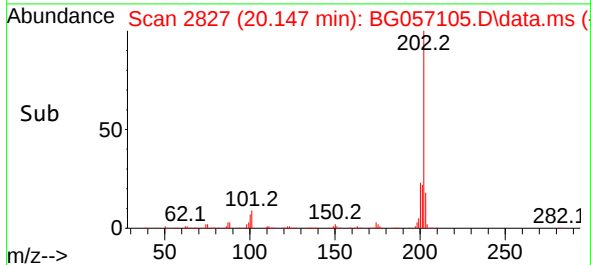
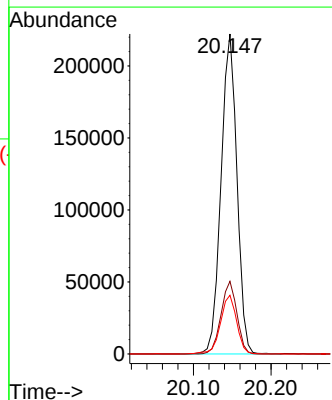
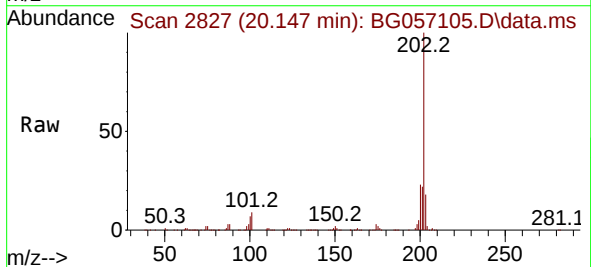
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

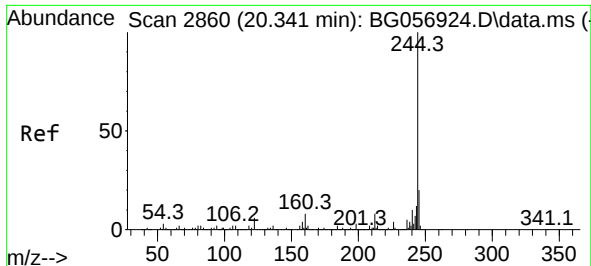
Tgt Ion:184 Resp: 174984
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.4
183 15.8 11.4 17.0



#78
Pyrene
Concen: 47.694 ng
RT: 20.147 min Scan# 2827
Delta R.T. -0.001 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:202 Resp: 315874
Ion Ratio Lower Upper
202 100
200 22.7 18.7 28.1
203 18.3 15.4 23.2

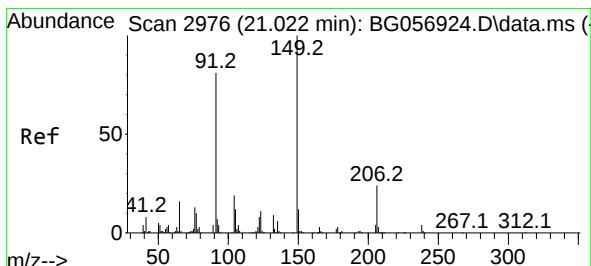
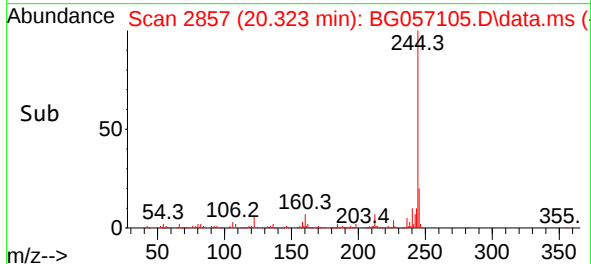
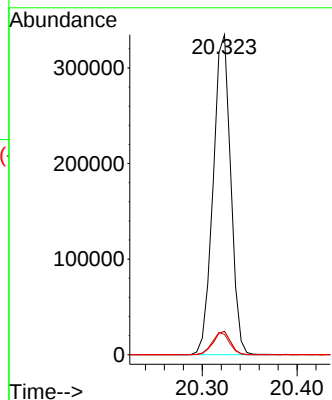
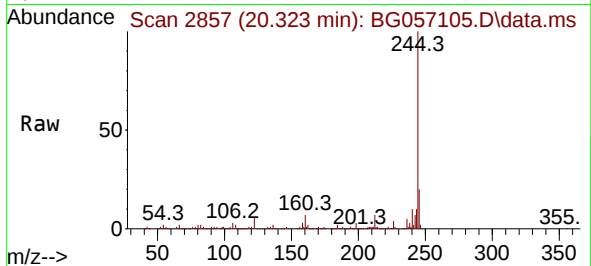




#79
 Terphenyl-d14
 Concen: 75.980 ng
 RT: 20.323 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057105.D
 Acq: 14 Apr 2023 18:30

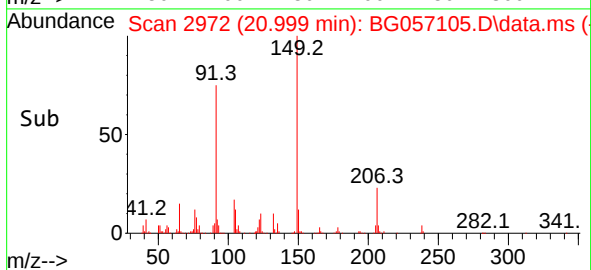
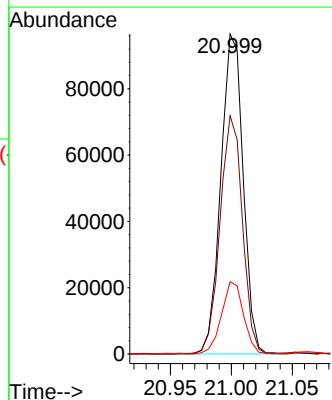
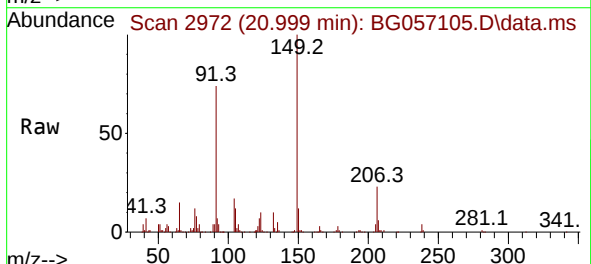
Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-1MS

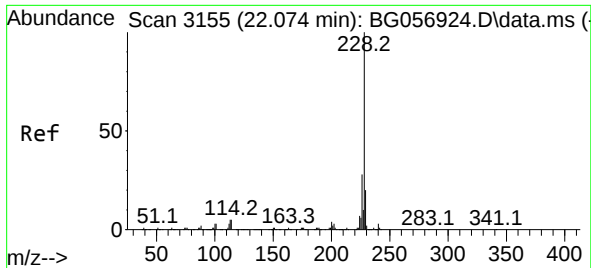
Tgt Ion:244 Resp: 429953
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.3 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 54.050 ng
 RT: 20.999 min Scan# 2972
 Delta R.T. -0.007 min
 Lab File: BG057105.D
 Acq: 14 Apr 2023 18:30

Tgt Ion:149 Resp: 123184
 Ion Ratio Lower Upper
 149 100
 91 74.5 64.4 96.6
 206 22.6 18.9 28.3

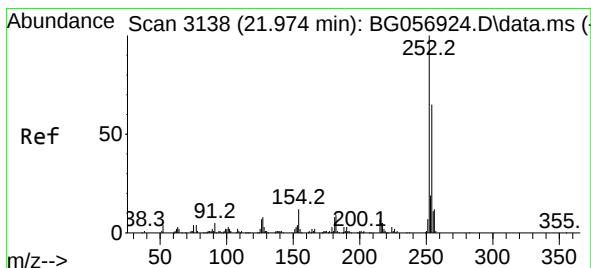
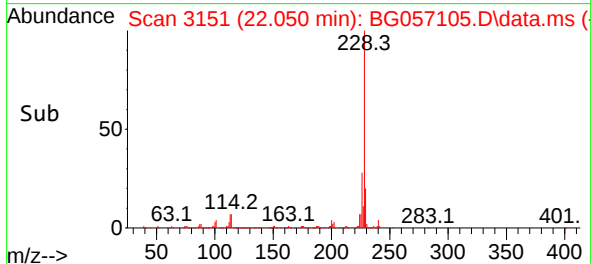
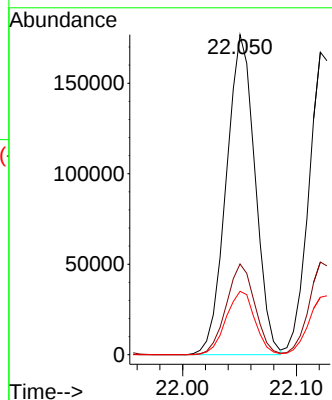
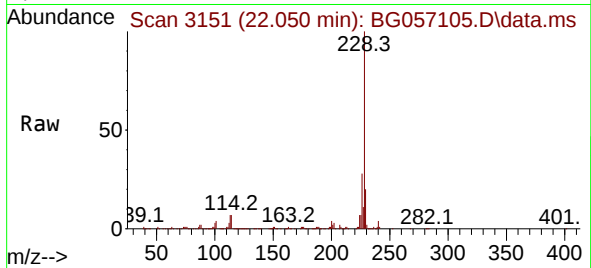




#81
Benzo(a)anthracene
Concen: 46.817 ng
RT: 22.050 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

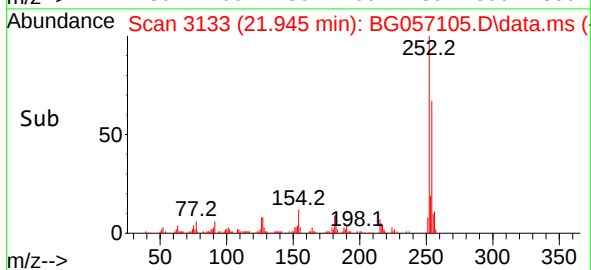
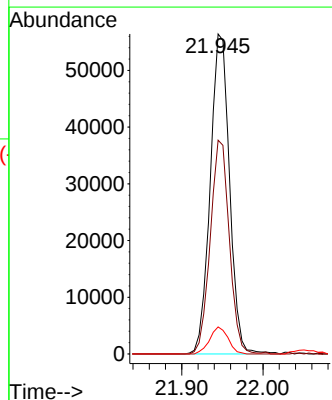
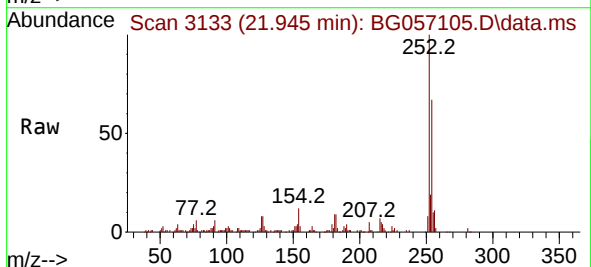
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

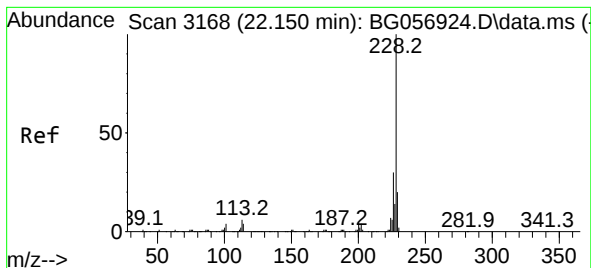
Tgt Ion:228 Resp: 310224
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.546 ng
RT: 21.945 min Scan# 3133
Delta R.T. -0.013 min
Lab File: BG057105.D
Acq: 14 Apr 2023 18:30

Tgt Ion:252 Resp: 92961
Ion Ratio Lower Upper
252 100
254 66.8 51.7 77.5
126 8.5 5.6 8.4#





#83

Chrysene

Concen: 46.185 ng

RT: 22.121 min Scan# 3163

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

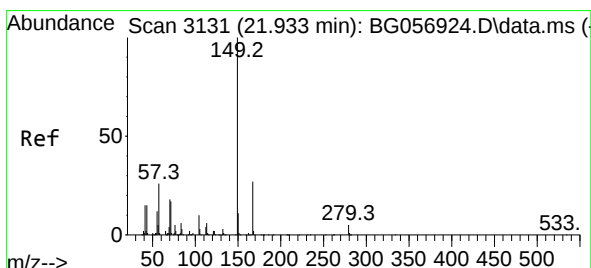
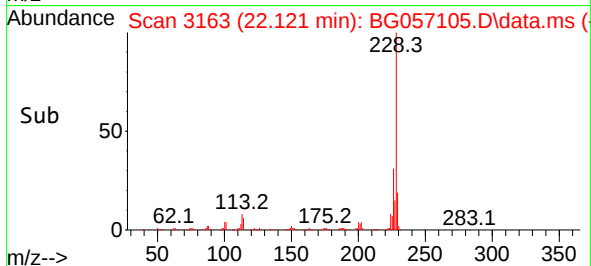
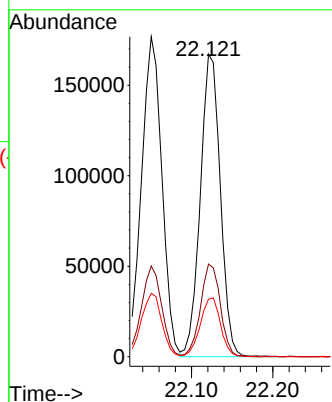
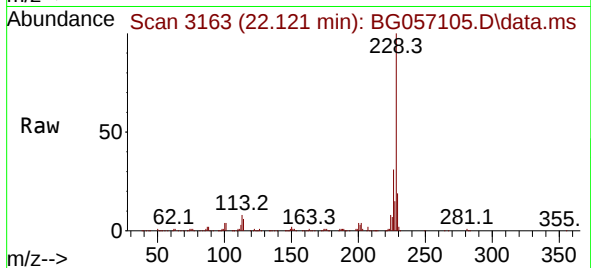
Tgt Ion:228 Resp: 286546

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 19.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.858 ng

RT: 21.898 min Scan# 3125

Delta R.T. -0.013 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

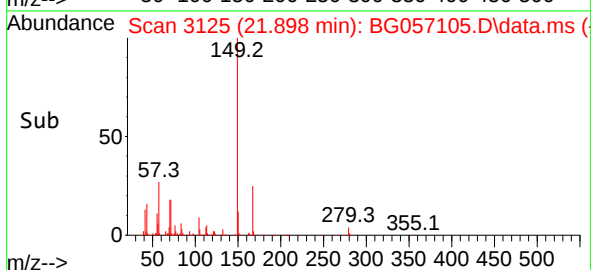
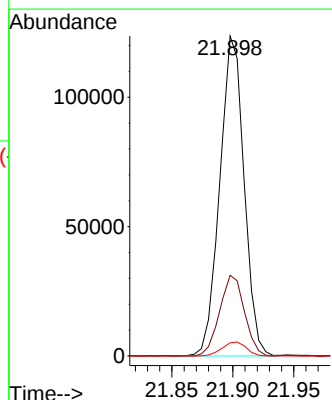
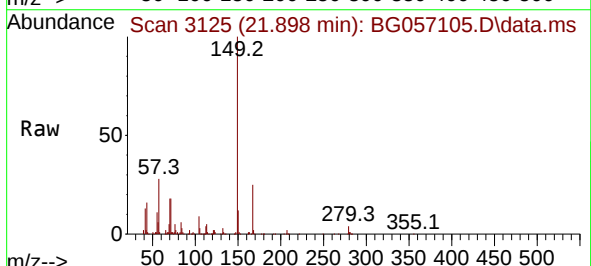
Tgt Ion:149 Resp: 171143

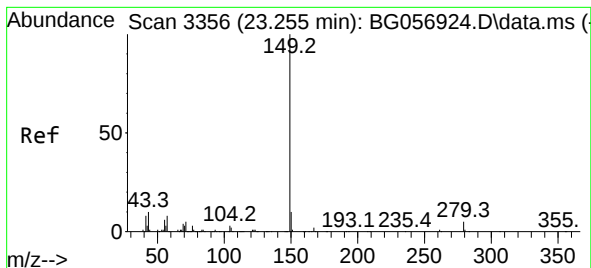
Ion Ratio Lower Upper

149 100

167 25.2 21.4 32.2

279 4.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 51.927 ng

RT: 23.208 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

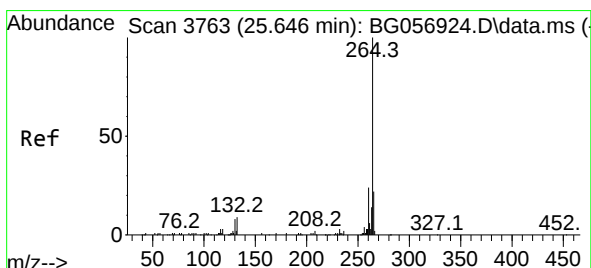
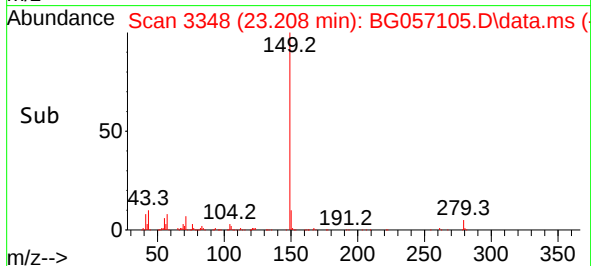
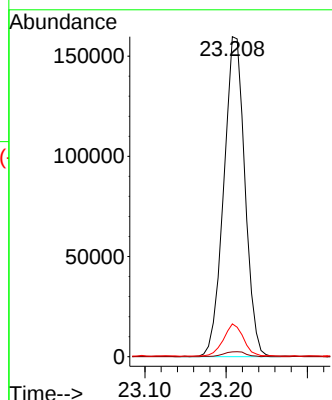
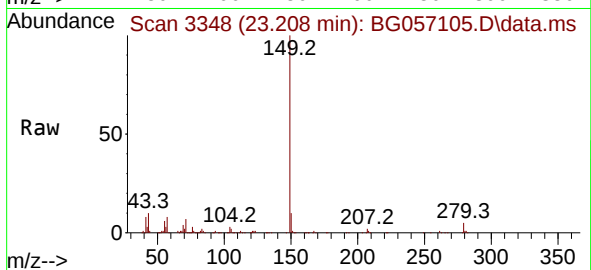
Tgt Ion:149 Resp: 288788

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.604 min Scan# 3756

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

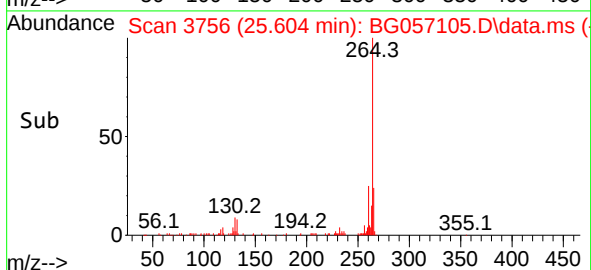
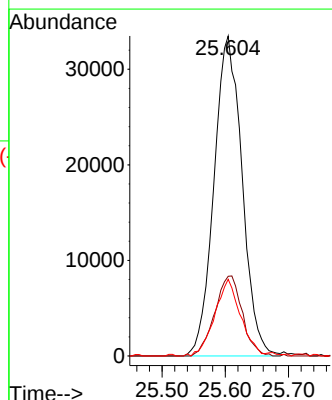
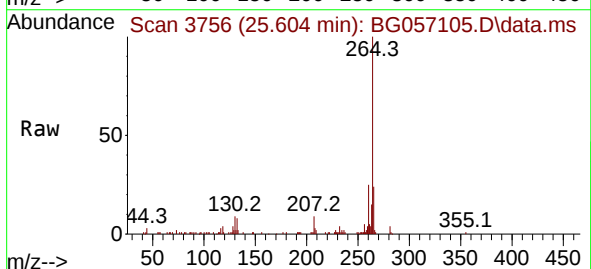
Tgt Ion:264 Resp: 103263

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.4

265 23.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.550 ng

RT: 29.687 min Scan# 4462

Delta R.T. -0.025 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

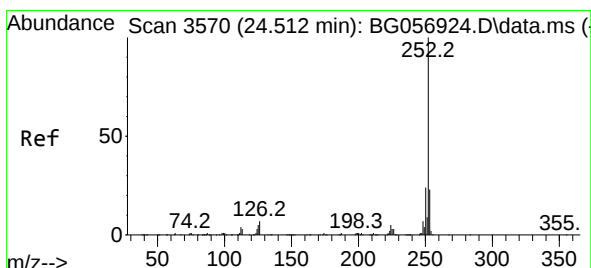
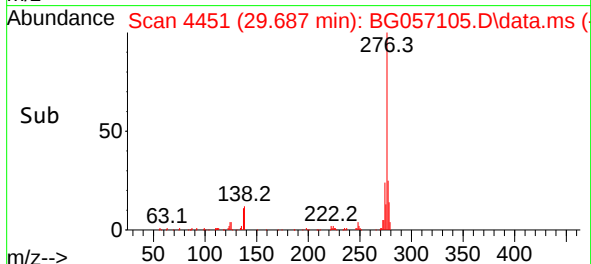
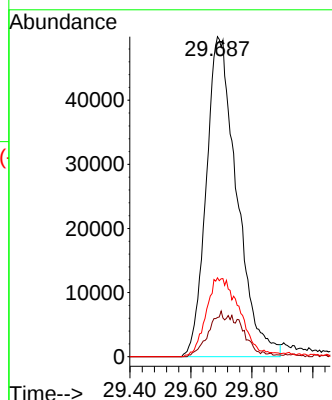
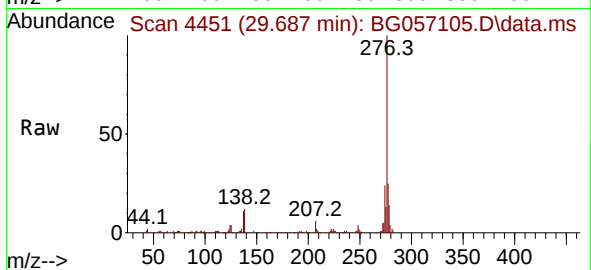
Tgt Ion:276 Resp: 347620

Ion Ratio Lower Upper

276 100

138 7.3 7.7 11.5#

277 27.3 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 49.791 ng

RT: 24.477 min Scan# 3564

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

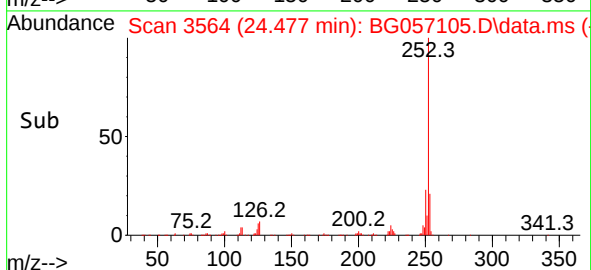
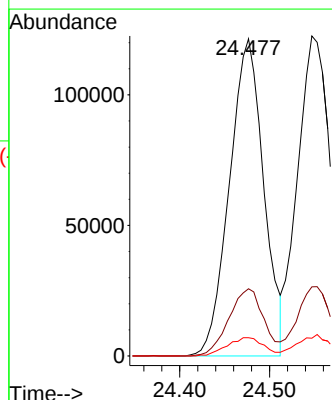
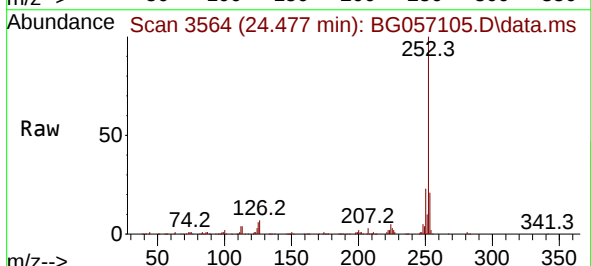
Tgt Ion:252 Resp: 321516

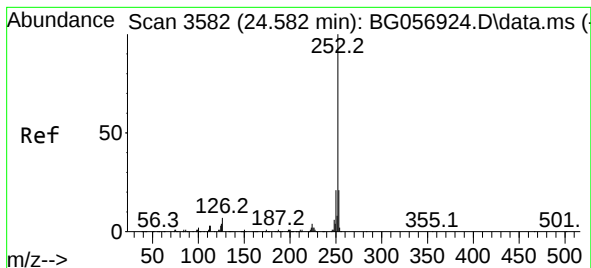
Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

125 5.7 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 48.313 ng

RT: 24.547 min Scan# 3114

Delta R.T. -0.013 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

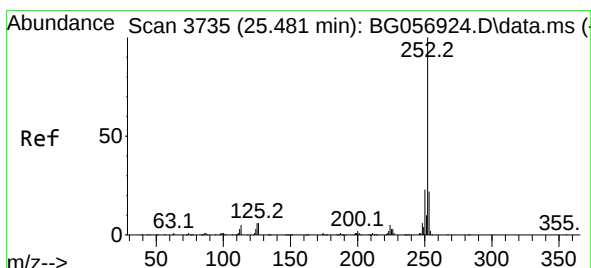
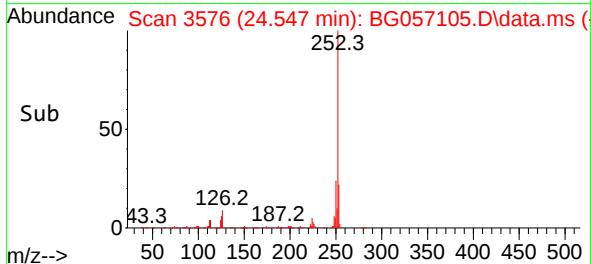
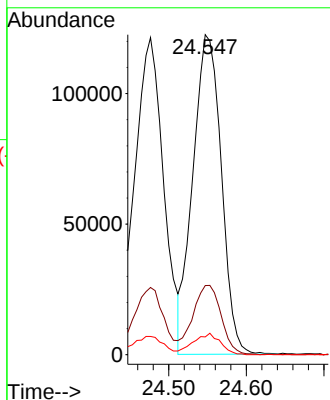
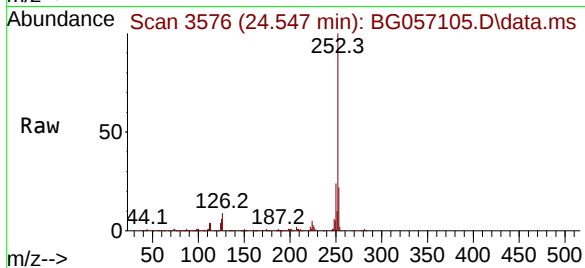
Tgt Ion:252 Resp: 311452

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 5.6 3.8 5.6



#90

Benzo(a)pyrene

Concen: 43.978 ng

RT: 25.440 min Scan# 3728

Delta R.T. -0.013 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

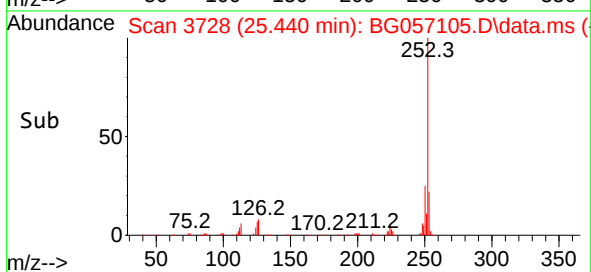
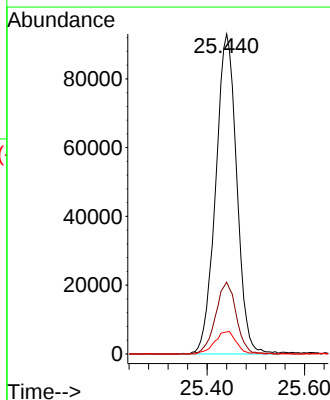
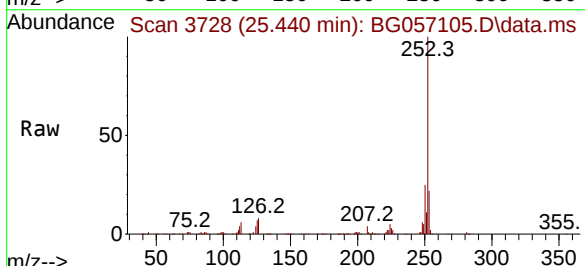
Tgt Ion:252 Resp: 279057

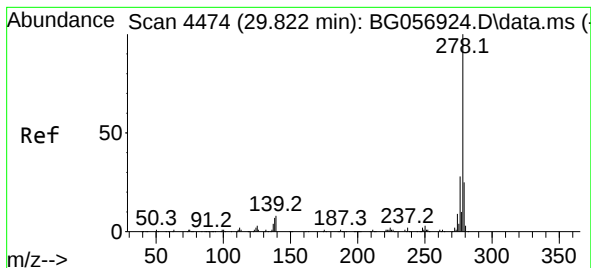
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 6.9 4.5 6.7#





#91

Dibenzo(a,h)anthracene

Concen: 47.551 ng

RT: 29.758 min Scan# 4463

Delta R.T. -0.007 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-1MS

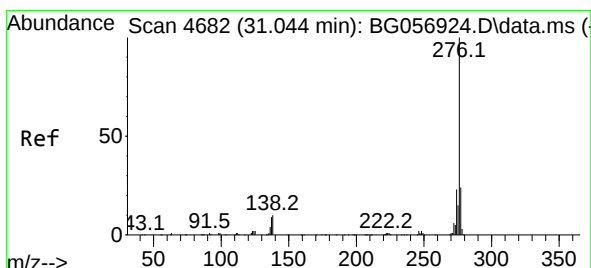
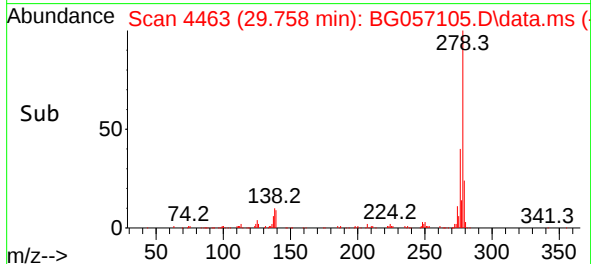
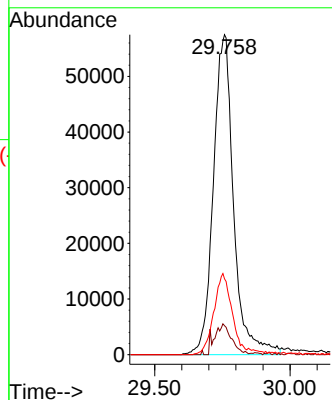
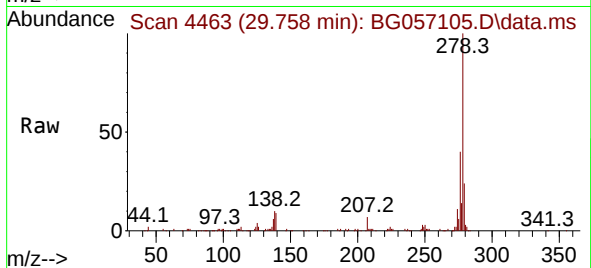
Tgt Ion:278 Resp: 298292

Ion Ratio Lower Upper

278 100

139 9.0 6.4 9.6

279 23.7 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 41.335 ng

RT: 30.968 min Scan# 4669

Delta R.T. -0.025 min

Lab File: BG057105.D

Acq: 14 Apr 2023 18:30

Tgt Ion:276 Resp: 253904

Ion Ratio Lower Upper

276 100

277 27.3 19.1 28.7

138 12.5 8.2 12.2#

