

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG057003.D
 Acq On : 5 Apr 2023 23:26
 Operator : CG/JU
 Sample : 02126-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RS-FMSD

Quant Time: Apr 06 02:05:45 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 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	16548	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	68580	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	46518	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	94886	20.000	ng	0.00
76) Chrysene-d12	22.094	240	81122	20.000	ng	0.00
86) Perylene-d12	25.648	264	93183	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	117903	114.030	ng	0.00
7) Phenol-d6	7.549	99	166878	107.913	ng	0.00
23) Nitrobenzene-d5	9.594	82	112311	67.009	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	75089	101.043	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	245787	71.647	ng	0.00
79) Terphenyl-d14	20.338	244	346359	72.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.725	88	14508	32.009	ng	98
3) Pyridine	4.148	79	43633	29.888	ng	94
4) n-Nitrosodimethylamine	4.054	42	25055	37.329	ng	# 89
6) Aniline	7.726	93	29770	15.059	ng	97
8) 2-Chlorophenol	7.972	128	51987	50.479	ng	89
9) Benzaldehyde	7.532	77	37845	39.018	ng	94
10) Phenol	7.579	94	72882	47.564	ng	98
11) bis(2-Chloroethyl)ether	7.808	93	47772	43.768	ng	99
12) 1,3-Dichlorobenzene	8.301	146	55407	48.689	ng	98
13) 1,4-Dichlorobenzene	8.448	146	57066	49.687	ng	97
14) 1,2-Dichlorobenzene	8.777	146	53579	48.286	ng	96
15) Benzyl Alcohol	8.642	79	55615	43.282	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.936	45	55699	42.343	ng	98
17) 2-Methylphenol	8.848	107	48411	44.284	ng	91
18) Hexachloroethane	9.517	117	20105	47.893	ng	88
19) n-Nitroso-di-n-propyla...	9.218	70	44339	40.086	ng	98
20) 3+4-Methylphenols	9.177	107	65508	42.853	ng	98
22) Acetophenone	9.241	105	84021	41.173	ng	# 99
24) Nitrobenzene	9.635	77	69646	40.644	ng	98
25) Isophorone	10.158	82	120198	37.660	ng	99
26) 2-Nitrophenol	10.352	139	30646	46.334	ng	91
27) 2,4-Dimethylphenol	10.393	122	51124	43.778	ng	98
28) bis(2-Chloroethoxy)met...	10.628	93	63893	39.987	ng	98
29) 2,4-Dichlorophenol	10.892	162	55314	44.043	ng	94
30) 1,2,4-Trichlorobenzene	11.115	180	62182	46.598	ng	98
31) Naphthalene	11.309	128	173966	46.539	ng	99
32) Benzoic acid	10.528	122	34394	42.876	ng	94
33) 4-Chloroaniline	11.403	127	27388	16.222	ng	95
34) Hexachlorobutadiene	11.579	225	45811	45.701	ng	91
35) Caprolactam	12.179	113	15938	36.798	ng	94
36) 4-Chloro-3-methylphenol	12.496	107	55346	39.406	ng	95
37) 2-Methylnaphthalene	12.883	142	124277	41.890	ng	97
38) 1-Methylnaphthalene	13.101	142	117892	42.319	ng	96
40) 1,2,4,5-Tetrachloroben...	13.242	216	78907	48.916	ng	99
41) Hexachlorocyclopentadiene	13.218	237	39131	44.028	ng	94
43) 2,4,6-Trichlorophenol	13.471	196	50286	48.851	ng	98

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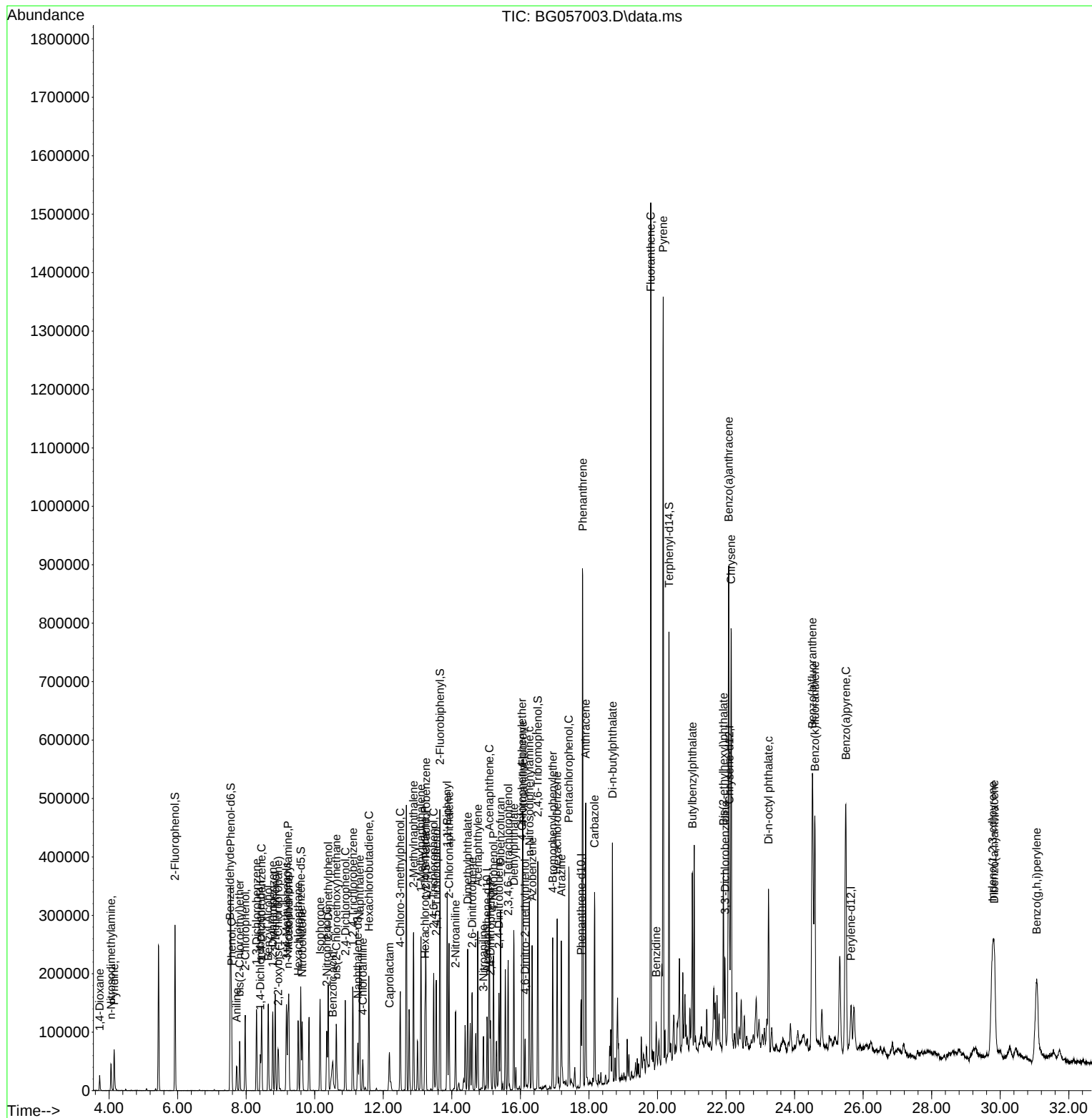
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.547	196	53394	43.785	ng	96
46) 1,1'-Biphenyl	13.864	154	165175	48.506	ng	97
47) 2-Chloronaphthalene	13.917	162	120932	48.017	ng	98
48) 2-Nitroaniline	14.105	65	39217	43.548	ng	94
49) Acenaphthylene	14.757	152	192677	46.563	ng	98
50) Dimethylphthalate	14.464	163	152022	41.476	ng	98
51) 2,6-Dinitrotoluene	14.593	165	33526	42.335	ng	96
52) Acenaphthene	15.092	154	152698	53.506	ng	99
53) 3-Nitroaniline	14.922	138	21277	27.144	ng #	97
54) 2,4-Dinitrophenol	15.127	184	25762	57.795	ng	95
55) Dibenzofuran	15.421	168	200555	46.822	ng	96
56) 4-Nitrophenol	15.216	139	52190	90.039	ng	90
57) 2,4-Dinitrotoluene	15.374	165	47089	42.160	ng #	98
58) Fluorene	16.067	166	176306	49.742	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.644	232	47367	42.660	ng #	97
60) Diethylphthalate	15.809	149	147575	40.163	ng	99
61) 4-Chlorophenyl-phenyle...	16.050	204	86500	41.566	ng	99
62) 4-Nitroaniline	16.079	138	29250	36.016	ng	91
63) Azobenzene	16.343	77	144930	39.578	ng	98
65) 4,6-Dinitro-2-methylph...	16.138	198	21226	36.936	ng	89
66) n-Nitrosodiphenylamine	16.261	169	125185	49.147	ng	98
67) 4-Bromophenyl-phenylether	16.943	248	56254	47.915	ng	91
68) Hexachlorobenzene	17.072	284	58918	50.760	ng	99
69) Atrazine	17.195	200	51408	48.621	ng	92
70) Pentachlorophenol	17.413	266	72417	86.964	ng	99
71) Phenanthrene	17.818	178	573321	118.510	ng	100
72) Anthracene	17.906	178	301511	60.797	ng	99
73) Carbazole	18.165	167	213024	49.267	ng	96
74) Di-n-butylphthalate	18.687	149	220303	43.999	ng	99
75) Fluoranthene	19.803	202	944938	154.085	ng	99
77) Benzidine	19.962	184	44326	19.991	ng #	96
78) Pyrene	20.168	202	862901	153.793	ng	99
80) Butylbenzylphthalate	21.019	149	88850	46.018	ng	94
81) Benzo(a)anthracene	22.077	228	594224	105.854	ng	99
82) 3,3'-Dichlorobenzidine	21.971	252	62324	32.878	ng	100
83) Chrysene	22.147	228	533837	101.565	ng	97
84) Bis(2-ethylhexyl)phtha...	21.924	149	124235	44.436	ng #	97
85) Di-n-octyl phthalate	23.240	149	209458	44.457	ng #	99
87) Indeno(1,2,3-cd)pyrene	29.772	276	470864	68.373	ng #	94
88) Benzo(b)fluoranthene	24.521	252	664962	114.117	ng	99
89) Benzo(k)fluoranthene	24.591	252	406353	69.853	ng	98
90) Benzo(a)pyrene	25.496	252	549394	95.948	ng	99
91) Dibenzo(a,h)anthracene	29.825	278	282153	49.844	ng	96
92) Benzo(g,h,i)perylene	31.065	276	393906	71.064	ng #	98

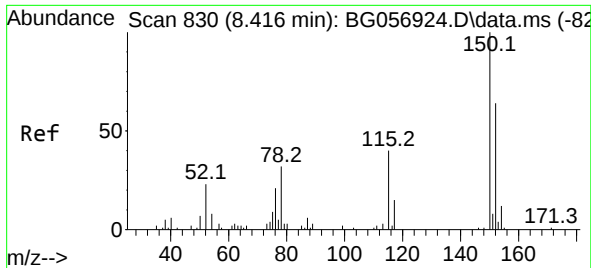
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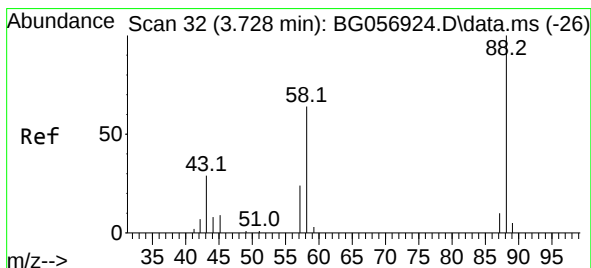
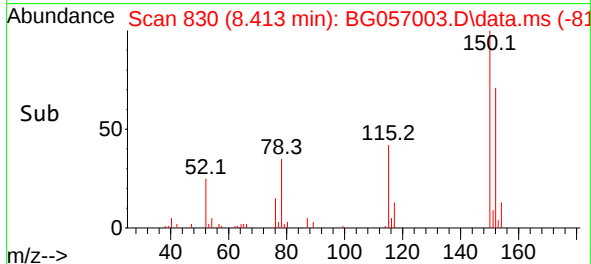
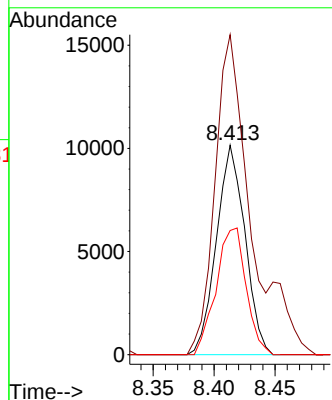
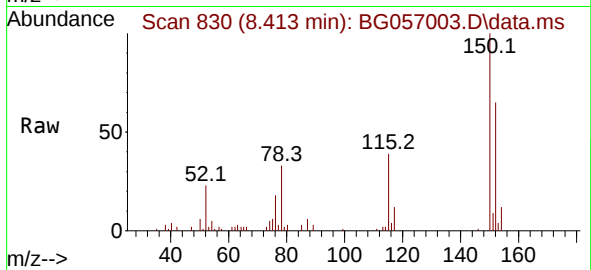




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.413 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG057003.D
 Acq: 5 Apr 2023 23:26

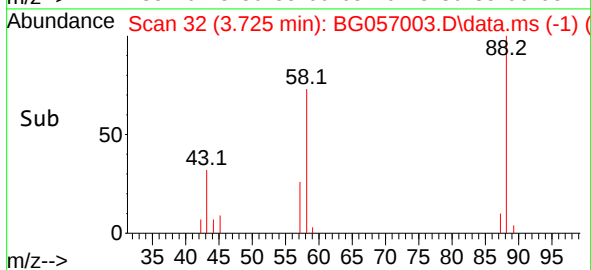
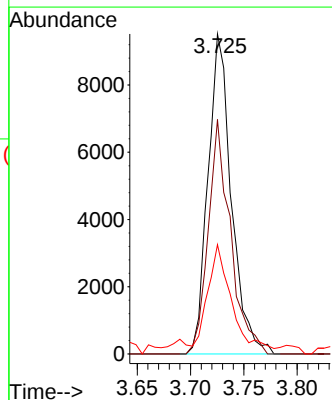
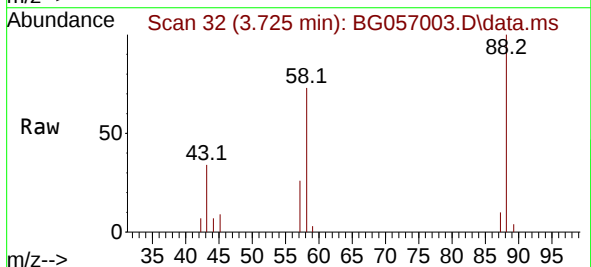
Instrument :
 BNA_G
 ClientSampleId :
 RS-FMSD

Tgt Ion:152 Resp: 16548
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.1 186.1
 115 59.3 49.1 73.7



#2
 1,4-Dioxane
 Concen: 32.009 ng
 RT: 3.725 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BG057003.D
 Acq: 5 Apr 2023 23:26

Tgt Ion: 88 Resp: 14508
 Ion Ratio Lower Upper
 88 100
 58 69.9 55.9 83.9
 43 36.2 25.7 38.5

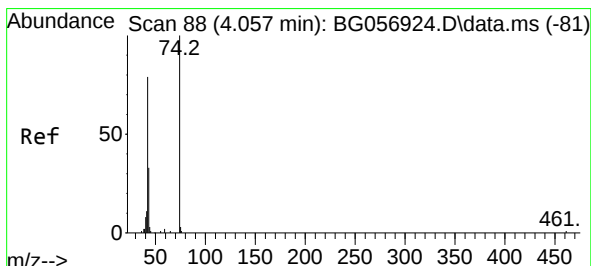
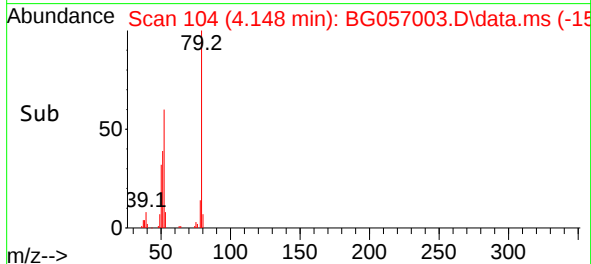
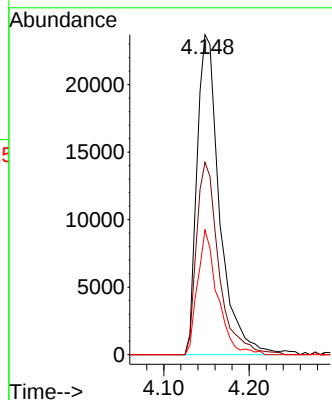
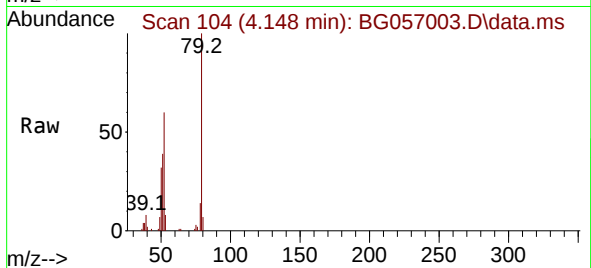




#3
 Pyridine
 Concen: 29.888 ng
 RT: 4.148 min Scan# 104
 Delta R.T. -0.007 min
 Lab File: BG057003.D
 Acq: 5 Apr 2023 23:26

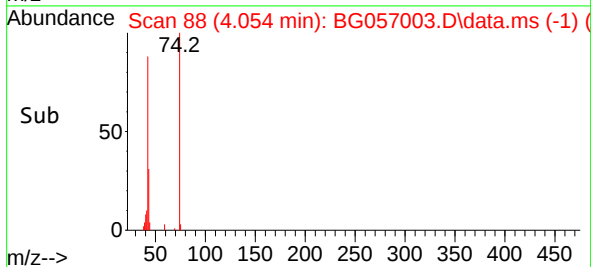
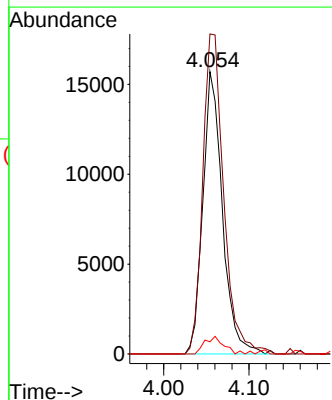
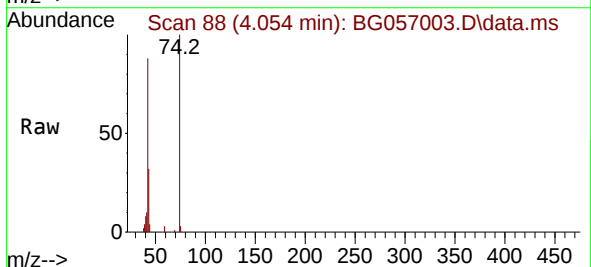
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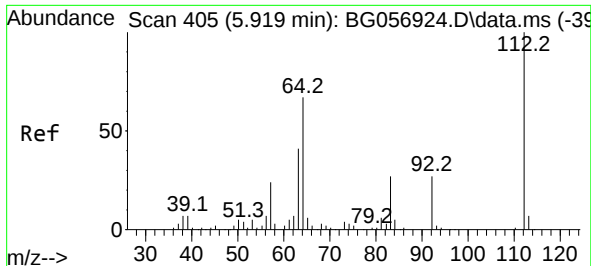
Tgt Ion: 79 Resp: 43633
 Ion Ratio Lower Upper
 79 100
 52 60.1 46.1 69.1
 51 38.9 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 37.329 ng
 RT: 4.054 min Scan# 88
 Delta R.T. -0.007 min
 Lab File: BG057003.D
 Acq: 5 Apr 2023 23:26

Tgt Ion: 42 Resp: 25055
 Ion Ratio Lower Upper
 42 100
 74 113.4 100.6 151.0
 44 4.3 4.6 7.0#

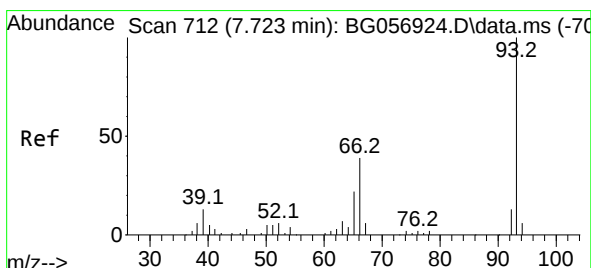
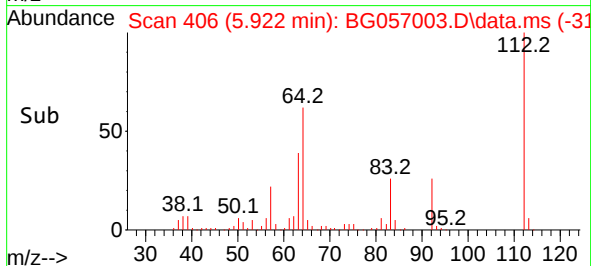
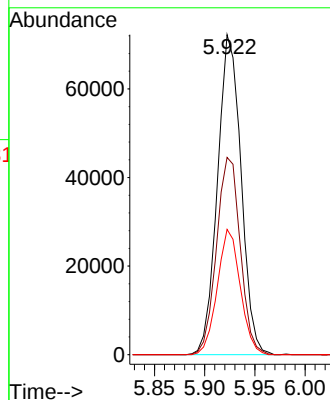
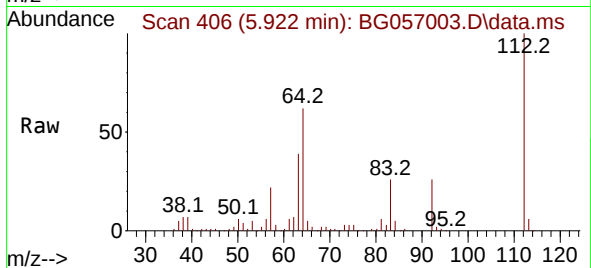




#5
2-Fluorophenol
Concen: 114.030 ng
RT: 5.922 min Scan# 406
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

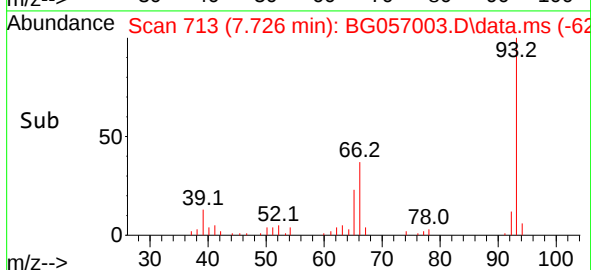
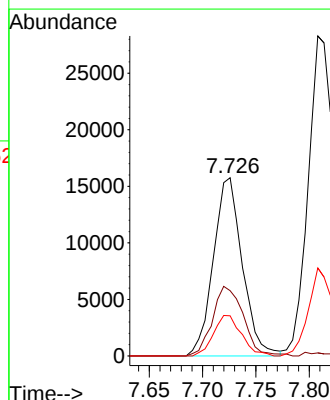
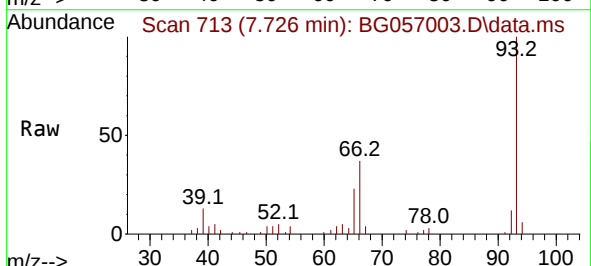
Instrument :
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ClientSampleId :
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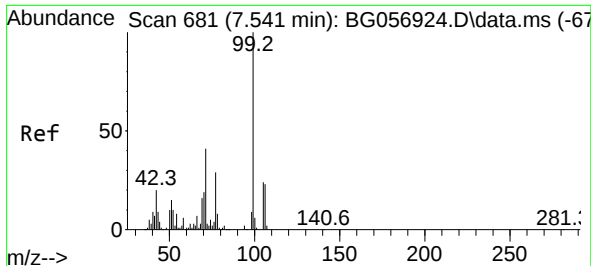
Tgt Ion:112 Resp: 117903
Ion Ratio Lower Upper
112 100
64 61.6 53.2 79.8
63 39.2 32.6 48.8



#6
Aniline
Concen: 15.059 ng
RT: 7.726 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion: 93 Resp: 29770
Ion Ratio Lower Upper
93 100
66 36.6 31.4 47.0
65 22.6 17.3 25.9

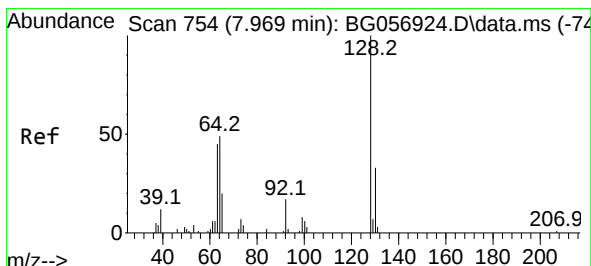
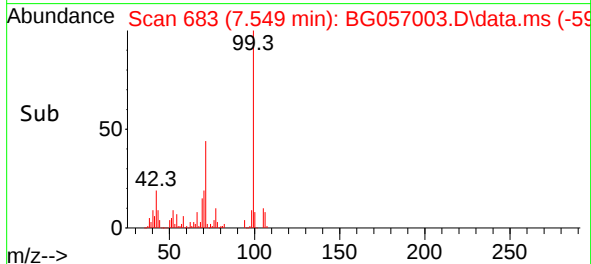
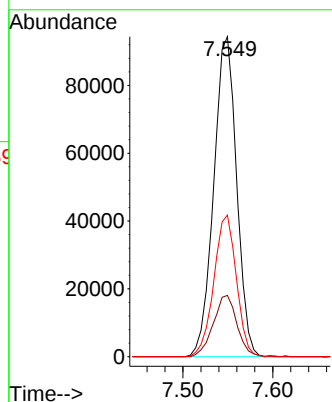
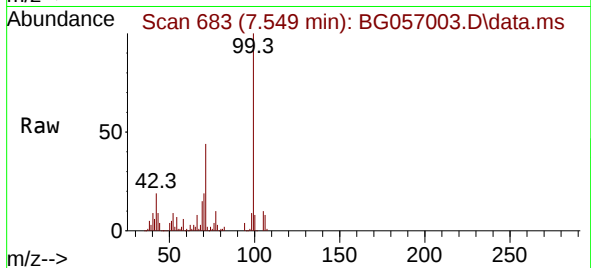




#7
Phenol-d6
Concen: 107.913 ng
RT: 7.549 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

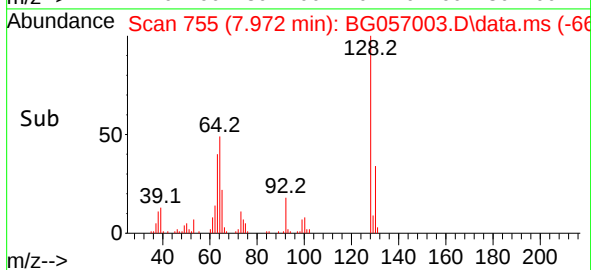
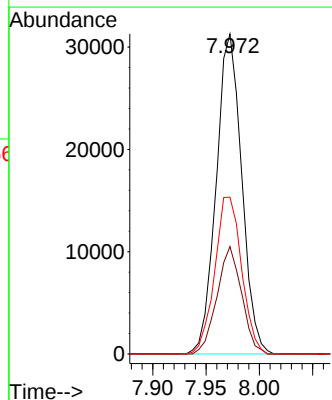
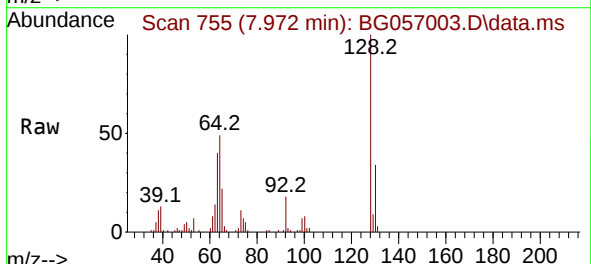
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Tgt Ion: 99 Resp: 166878
Ion Ratio Lower Upper
99 100
42 19.2 15.7 23.5
71 44.3 32.5 48.7



#8
2-Chlorophenol
Concen: 50.479 ng
RT: 7.972 min Scan# 755
Delta R.T. -0.001 min
Lab File: BG057003.D
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Tgt Ion: 128 Resp: 51987
Ion Ratio Lower Upper
128 100
130 33.6 12.6 52.6
64 49.0 40.6 80.6

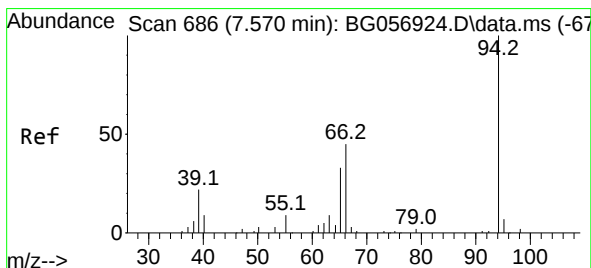
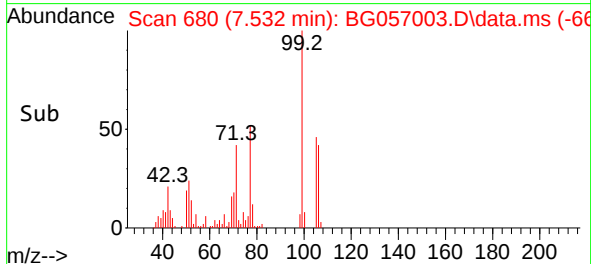
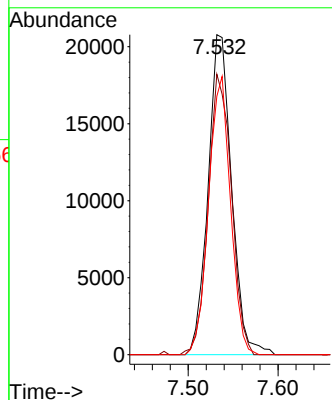
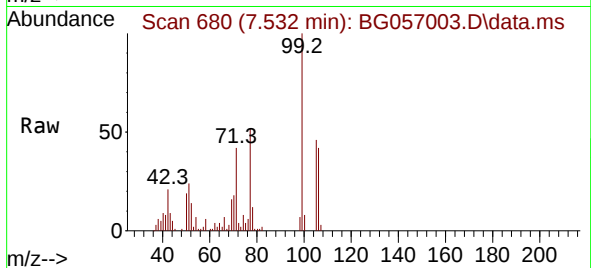




#9
Benzaldehyde
Concen: 39.018 ng
RT: 7.532 min Scan# 680
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

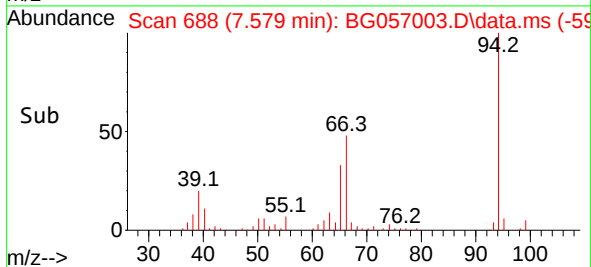
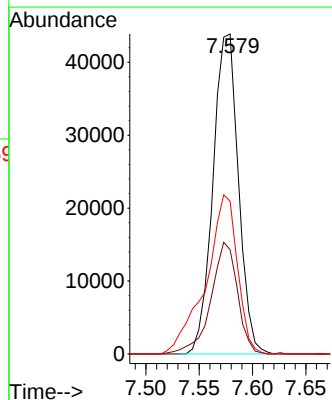
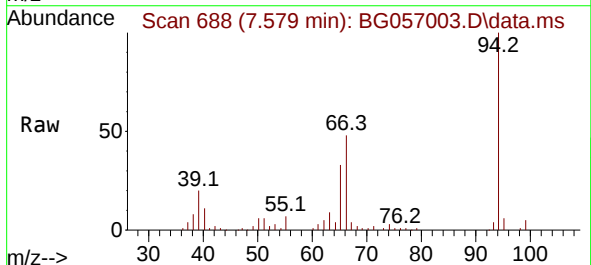
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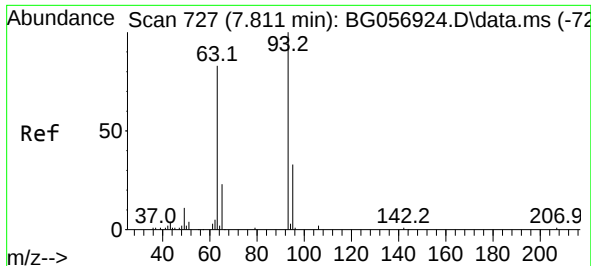
Tgt Ion: 77 Resp: 37845
Ion Ratio Lower Upper
77 100
105 87.6 73.6 113.6
106 80.8 56.7 96.7



#10
Phenol
Concen: 47.564 ng
RT: 7.579 min Scan# 688
Delta R.T. 0.005 min
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Tgt Ion: 94 Resp: 72882
Ion Ratio Lower Upper
94 100
65 32.5 13.3 53.3
66 47.8 26.7 66.7

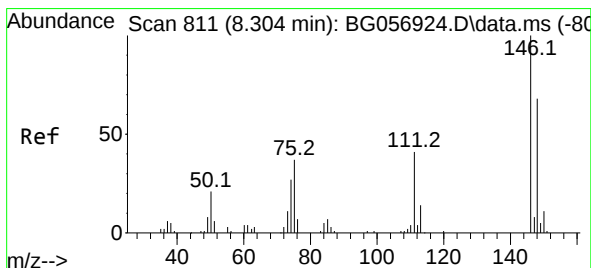
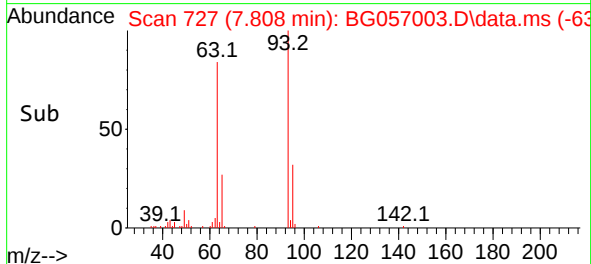
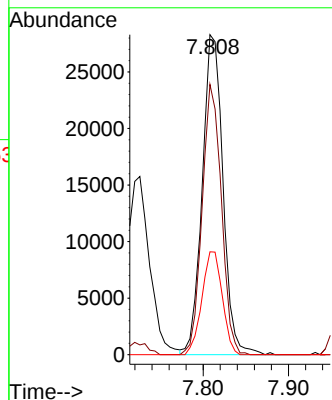
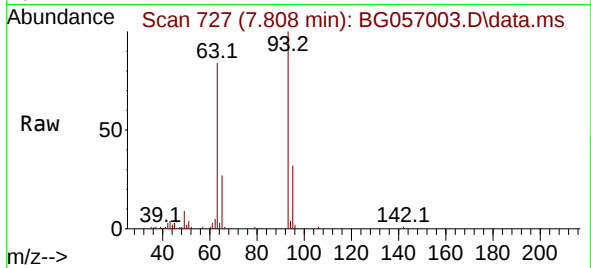




#11
bis(2-Chloroethyl)ether
Concen: 43.768 ng
RT: 7.808 min Scan# 727
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

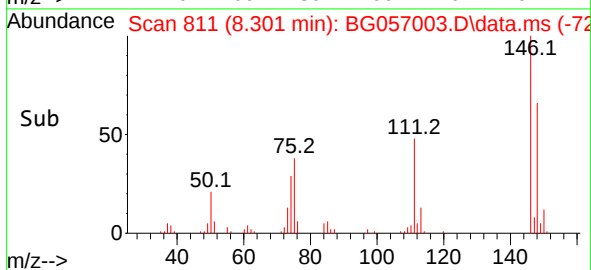
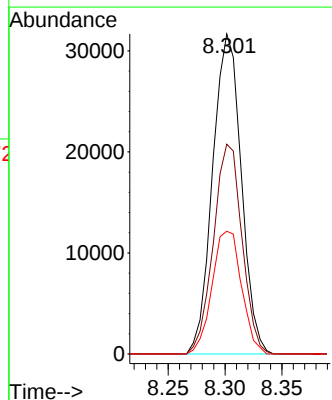
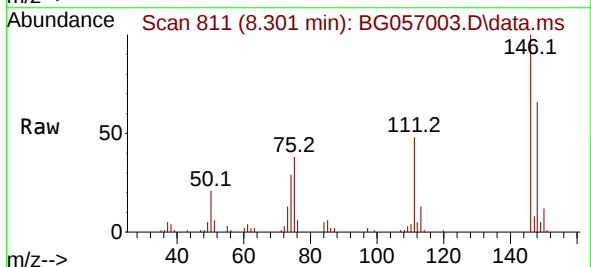
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

Tgt Ion: 93 Resp: 47772
Ion Ratio Lower Upper
93 100
63 84.5 62.7 102.7
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.689 ng
RT: 8.301 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:146 Resp: 55407
Ion Ratio Lower Upper
146 100
148 65.6 54.2 81.4
75 38.4 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 49.687 ng

RT: 8.448 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

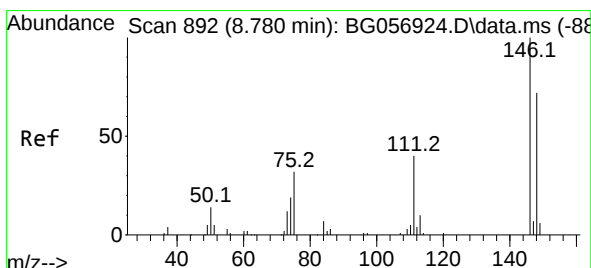
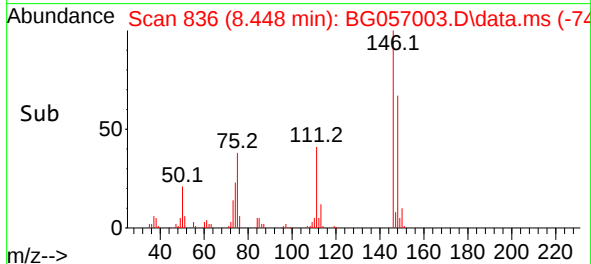
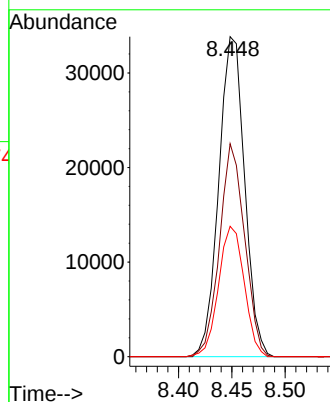
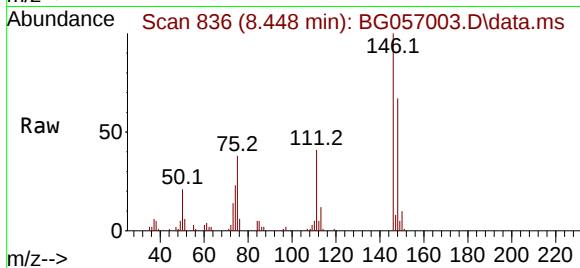
Tgt Ion:146 Resp: 57066

Ion Ratio Lower Upper

146 100

148 66.5 54.8 82.2

111 40.8 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 48.286 ng

RT: 8.777 min Scan# 892

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

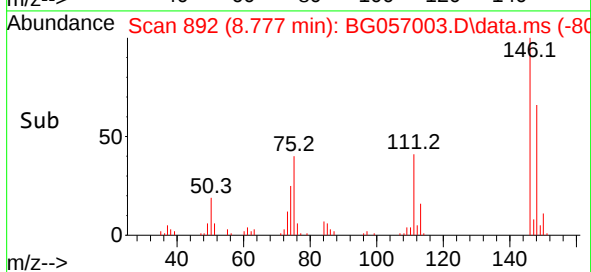
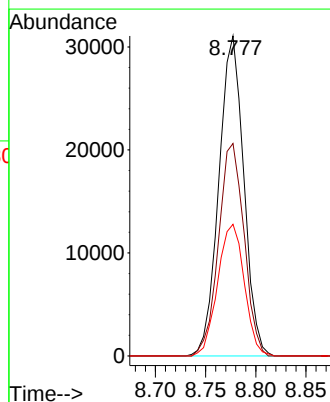
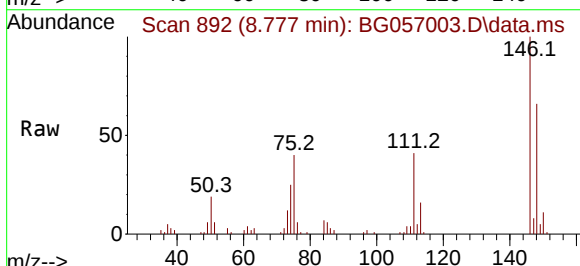
Tgt Ion:146 Resp: 53579

Ion Ratio Lower Upper

146 100

148 66.4 57.4 86.0

111 41.1 33.2 49.8

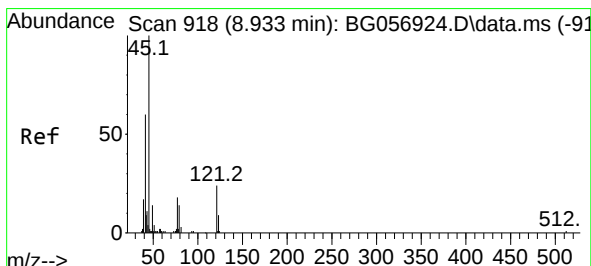
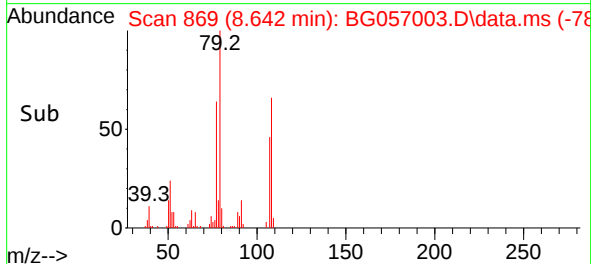
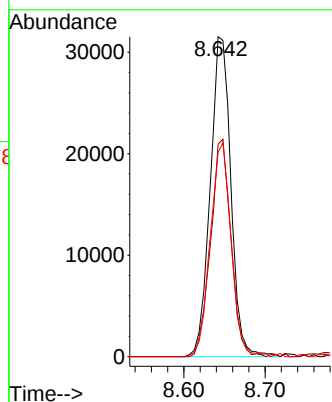
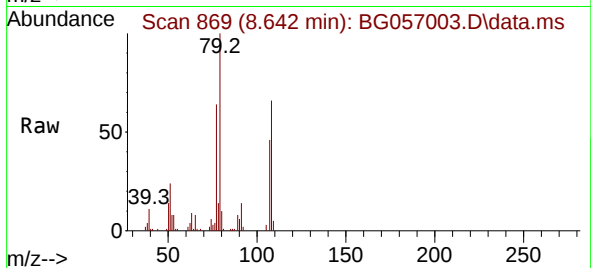




#15
Benzyl Alcohol
Concen: 43.282 ng
RT: 8.642 min Scan# 869
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

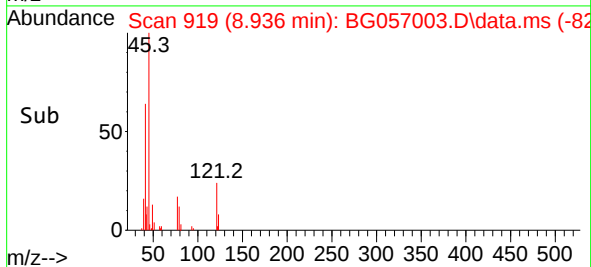
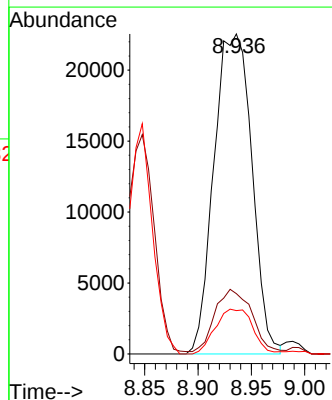
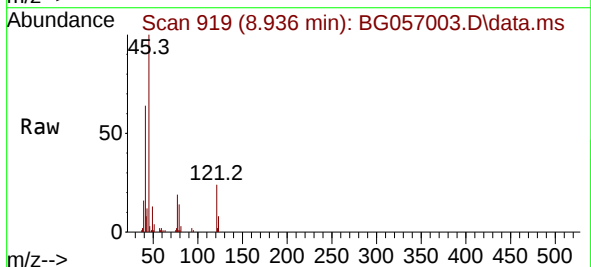
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

Tgt Ion: 79 Resp: 55615
Ion Ratio Lower Upper
79 100
108 66.4 51.2 76.8
77 63.9 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.343 ng
RT: 8.936 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion: 45 Resp: 55699
Ion Ratio Lower Upper
45 100
77 18.9 0.0 38.7
79 13.5 0.0 35.1

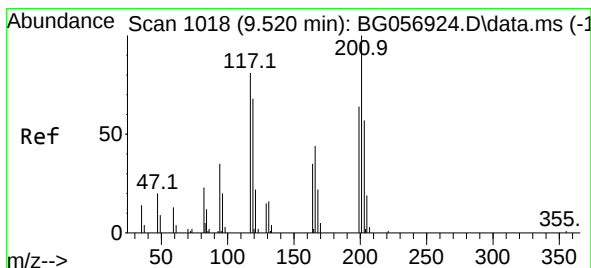
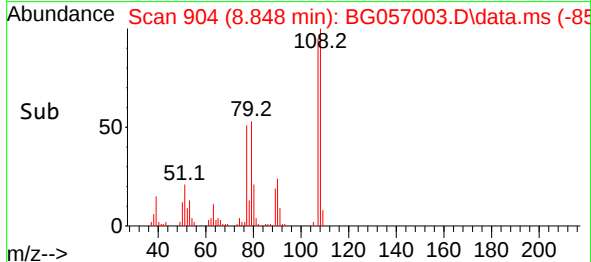
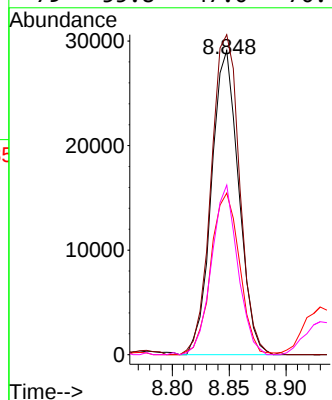
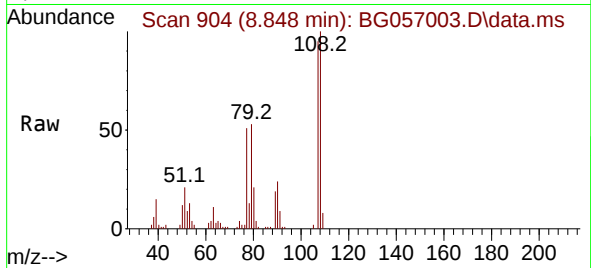




#17
2-Methylphenol
Concen: 44.284 ng
RT: 8.848 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

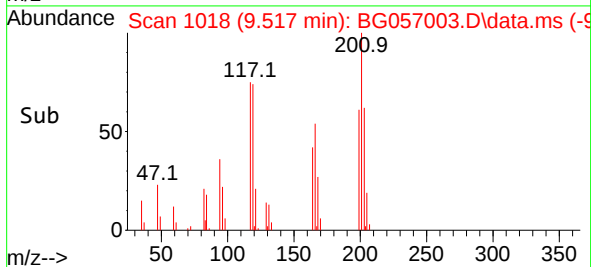
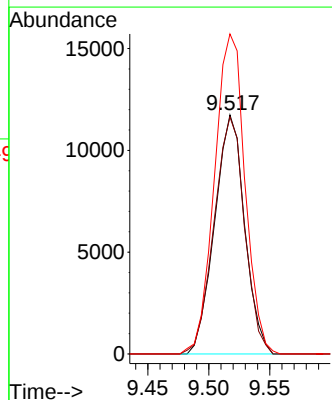
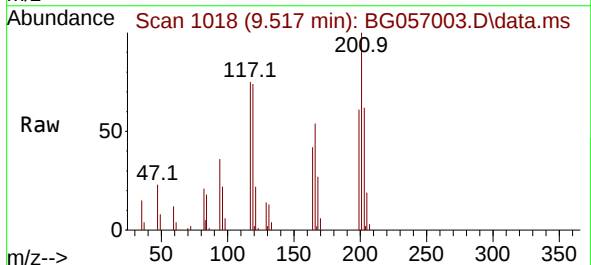
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

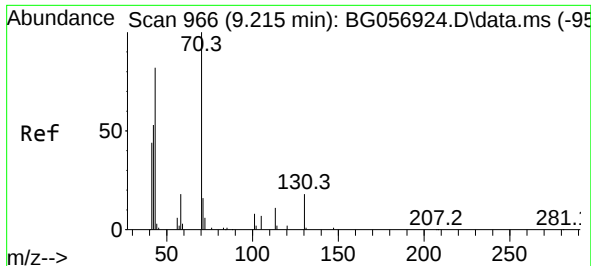
Tgt Ion:107 Resp: 48411
Ion Ratio Lower Upper
107 100
108 105.2 96.0 144.0
77 53.1 45.6 68.4
79 55.8 47.0 70.4



#18
Hexachloroethane
Concen: 47.893 ng
RT: 9.517 min Scan# 1018
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:117 Resp: 20105
Ion Ratio Lower Upper
117 100
119 99.2 67.0 100.6
201 133.9 98.7 148.1

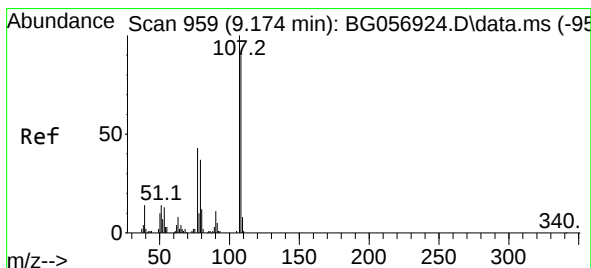
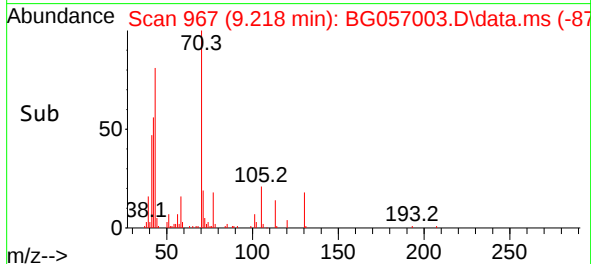
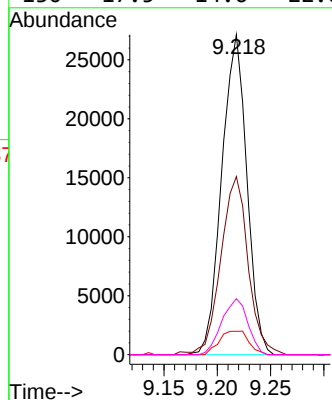
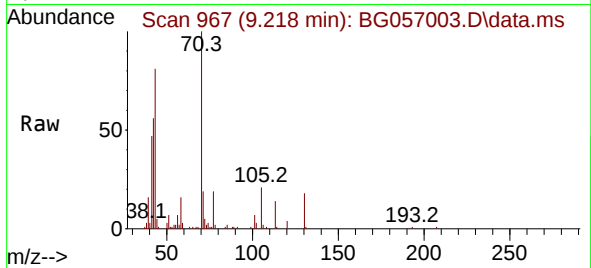




#19
n-Nitroso-di-n-propylamine
Concen: 40.086 ng
RT: 9.218 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

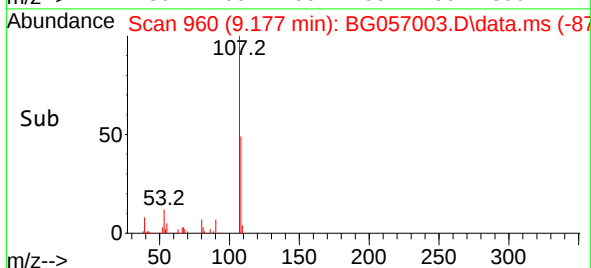
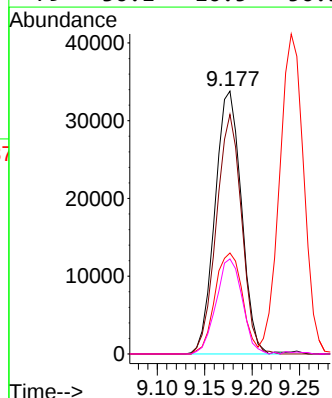
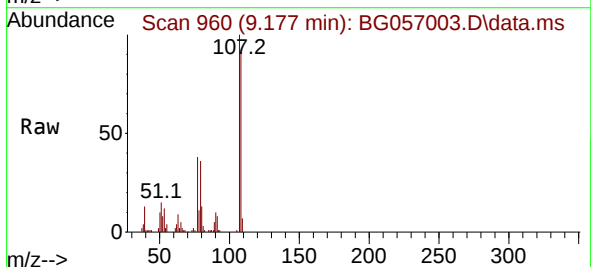
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

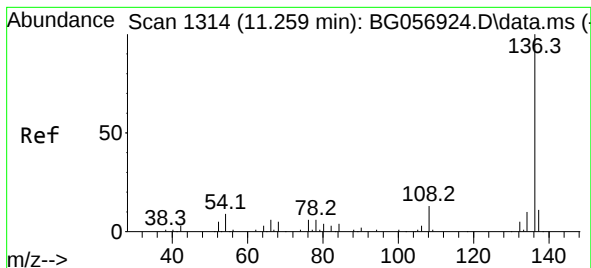
Tgt Ion: 70 Resp: 44339
Ion Ratio Lower Upper
70 100
42 55.6 43.4 65.0
101 7.3 6.2 9.2
130 17.5 14.6 22.0



#20
3+4-Methylphenols
Concen: 42.853 ng
RT: 9.177 min Scan# 960
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion: 107 Resp: 65508
Ion Ratio Lower Upper
107 100
108 91.1 69.9 109.9
77 38.4 22.7 62.7
79 36.1 16.5 56.5

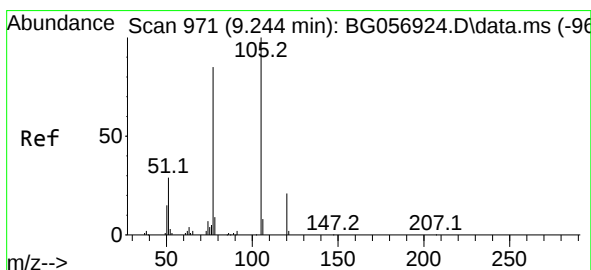
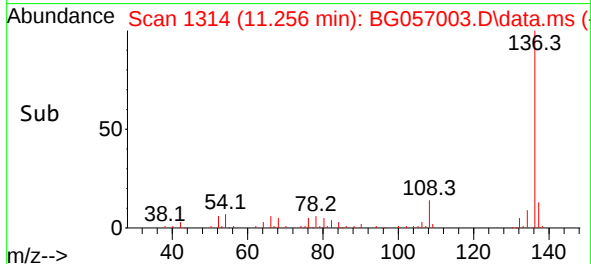
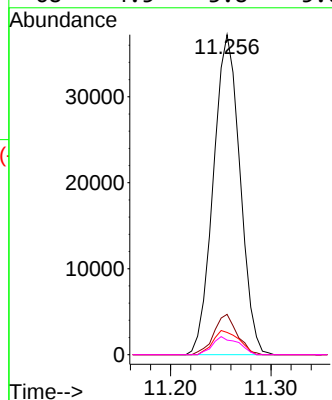
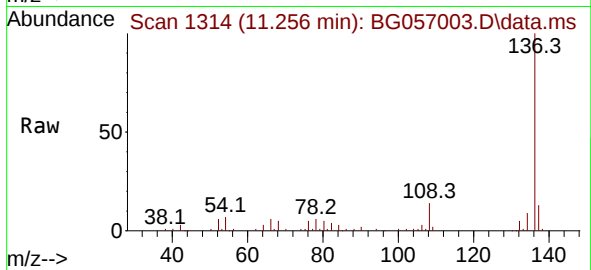




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

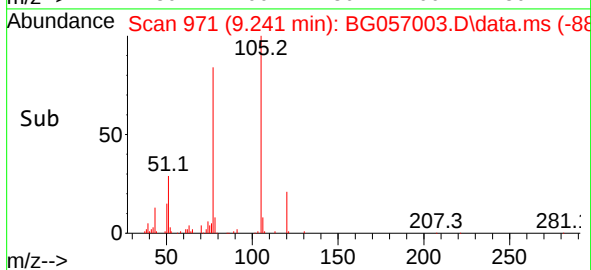
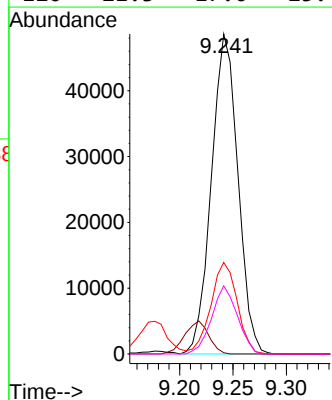
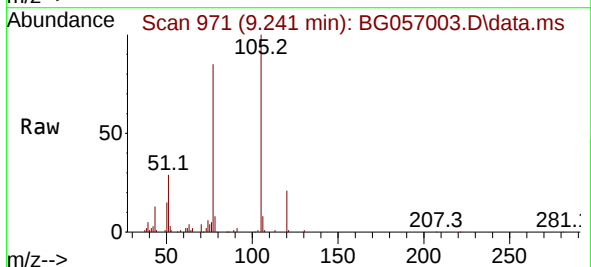
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

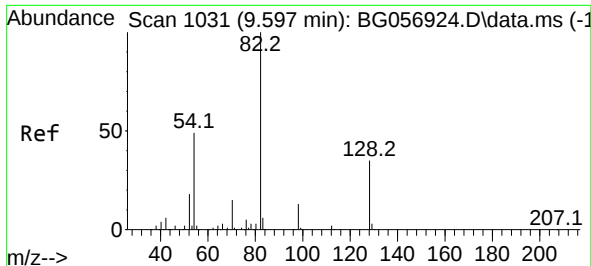
Tgt Ion:136 Resp: 68580
Ion Ratio Lower Upper
136 100
137 12.6 8.6 13.0
54 7.0 6.9 10.3
68 4.5 3.8 5.6



#22
Acetophenone
Concen: 41.173 ng
RT: 9.241 min Scan# 971
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:105 Resp: 84021
Ion Ratio Lower Upper
105 100
71 0.4 0.7 1.1#
51 28.6 23.8 35.8
120 21.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 67.009 ng

RT: 9.594 min Scan# 1031

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

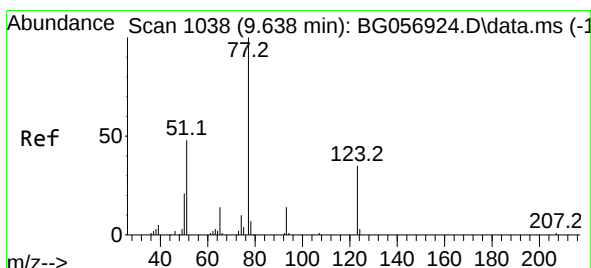
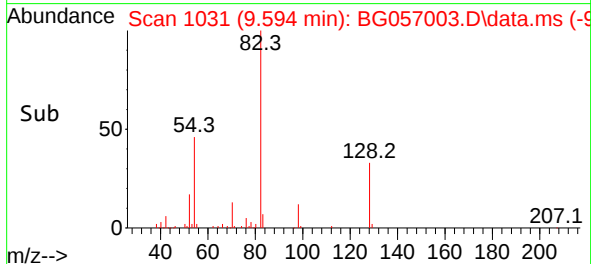
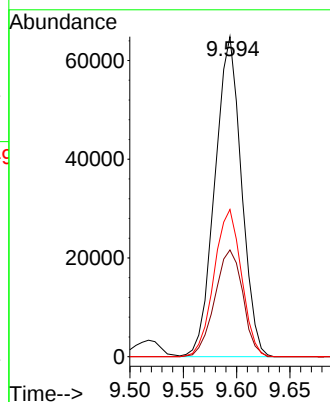
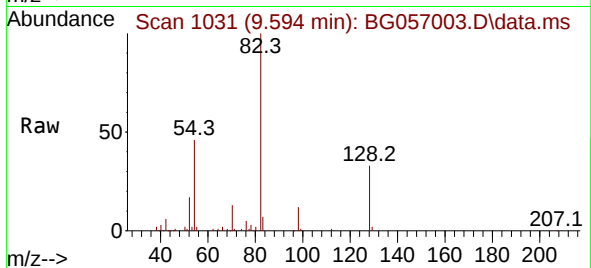
Tgt Ion: 82 Resp: 112311

Ion Ratio Lower Upper

82 100

128 33.4 27.9 41.9

54 46.0 39.4 59.2



#24

Nitrobenzene

Concen: 40.644 ng

RT: 9.635 min Scan# 1038

Delta R.T. -0.007 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

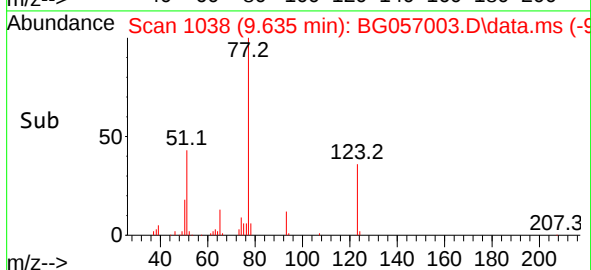
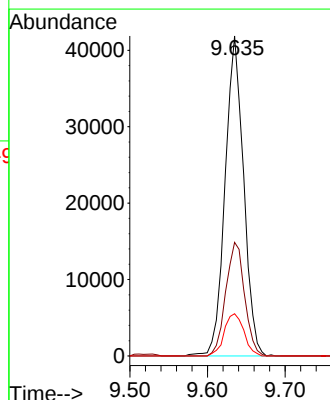
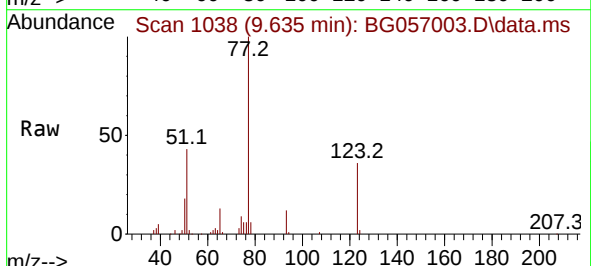
Tgt Ion: 77 Resp: 69646

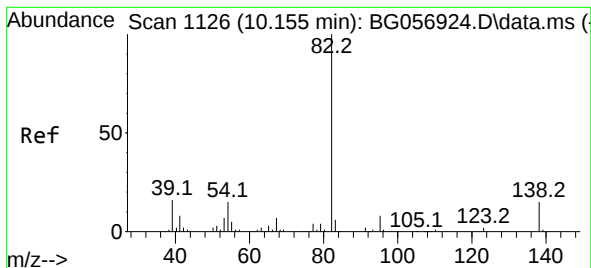
Ion Ratio Lower Upper

77 100

123 35.5 27.6 41.4

65 13.2 11.5 17.3





#25

Isophorone

Concen: 37.660 ng

RT: 10.158 min Scan# 1126

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

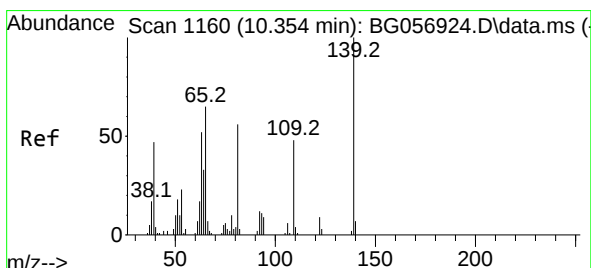
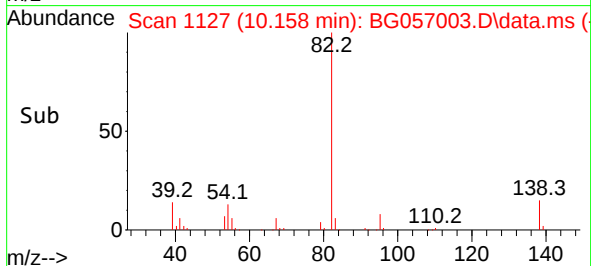
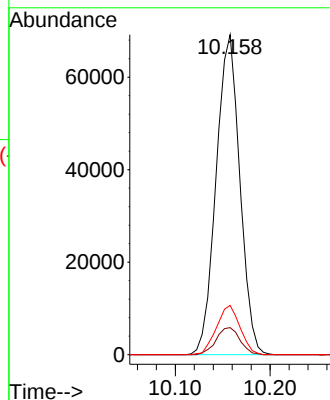
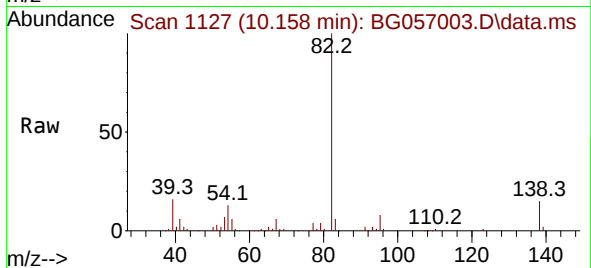
Tgt Ion: 82 Resp: 120198

Ion Ratio Lower Upper

82 100

95 8.4 6.3 9.5

138 15.4 11.8 17.8



#26

2-Nitrophenol

Concen: 46.334 ng

RT: 10.352 min Scan# 1160

Delta R.T. -0.007 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

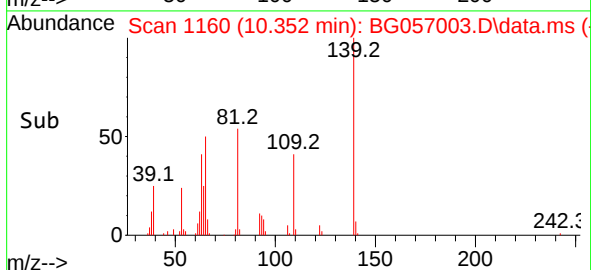
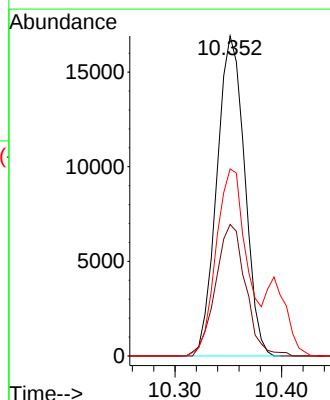
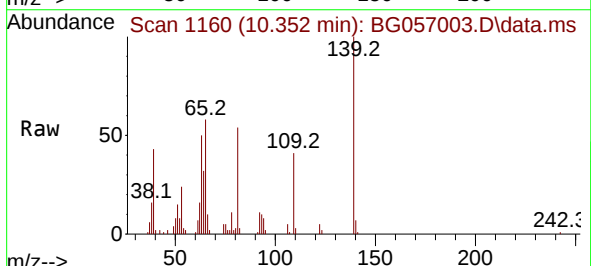
Tgt Ion:139 Resp: 30646

Ion Ratio Lower Upper

139 100

109 41.1 38.2 57.4

65 58.5 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 43.778 ng

RT: 10.393 min Scan# 1167

Delta R.T. -0.007 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

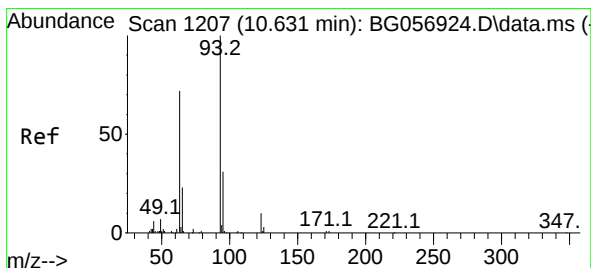
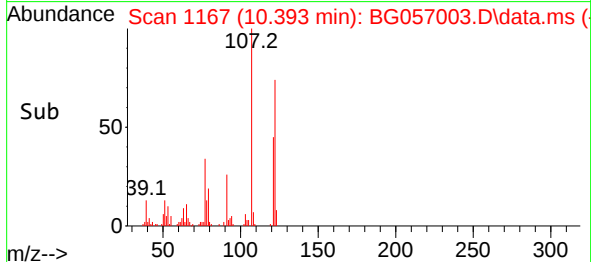
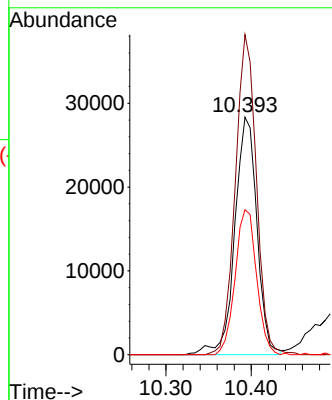
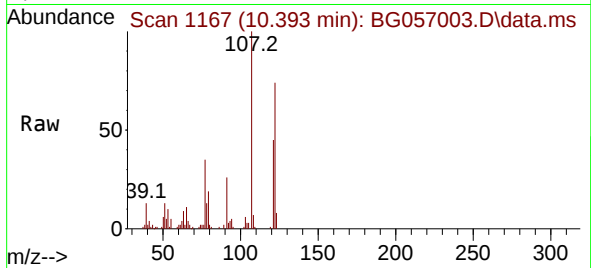
Tgt Ion:122 Resp: 51124

Ion Ratio Lower Upper

122 100

107 134.8 105.7 158.5

121 61.1 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.987 ng

RT: 10.628 min Scan# 1207

Delta R.T. -0.007 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

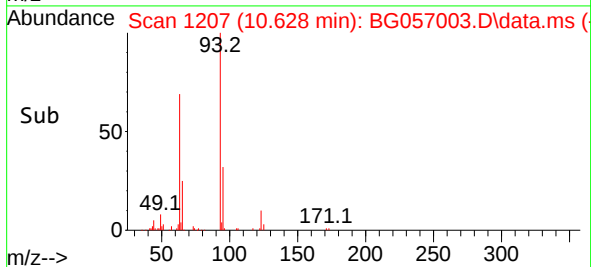
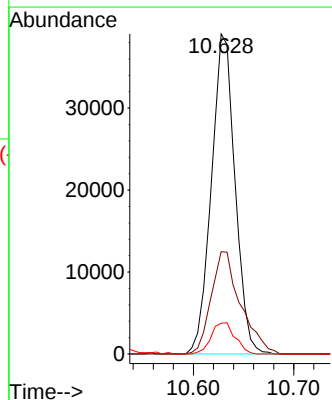
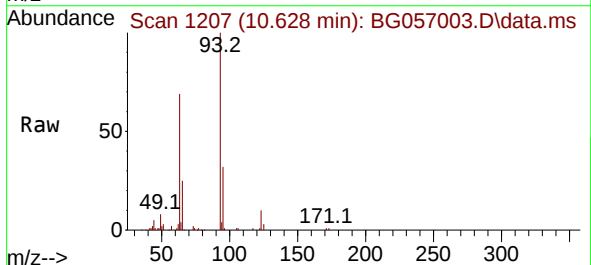
Tgt Ion: 93 Resp: 63893

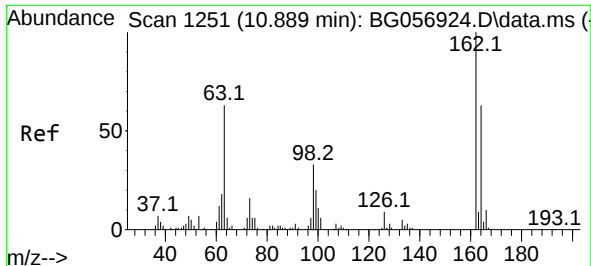
Ion Ratio Lower Upper

93 100

95 31.9 24.6 37.0

123 9.6 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 44.043 ng

RT: 10.892 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

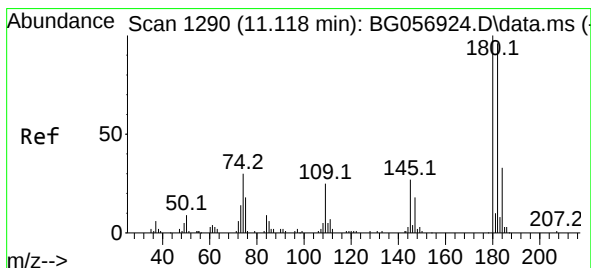
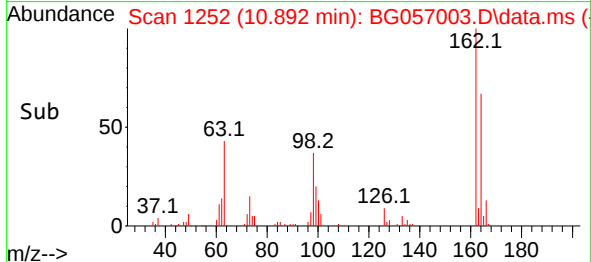
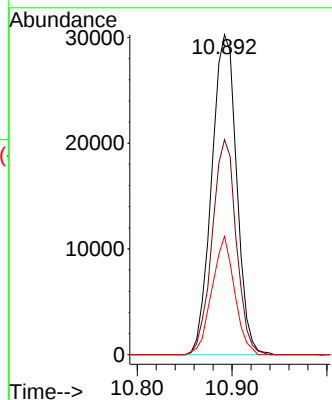
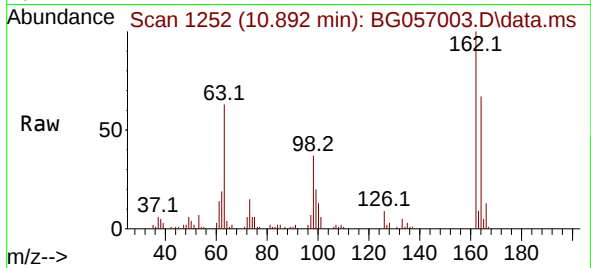
Tgt Ion:162 Resp: 55314

Ion Ratio Lower Upper

162 100

164 67.2 43.4 83.4

98 37.0 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 46.598 ng

RT: 11.115 min Scan# 1290

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

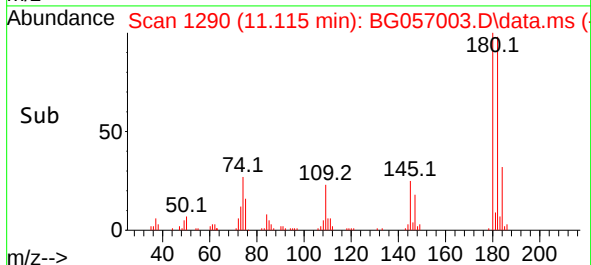
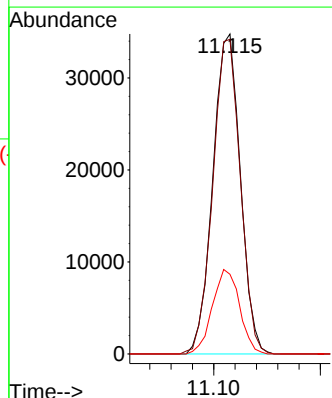
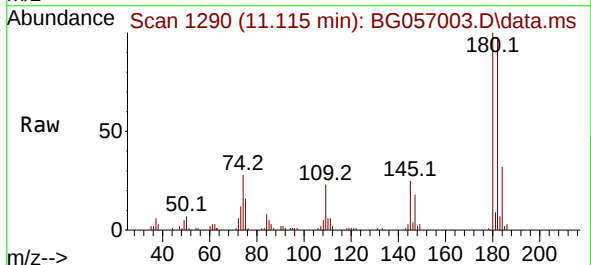
Tgt Ion:180 Resp: 62182

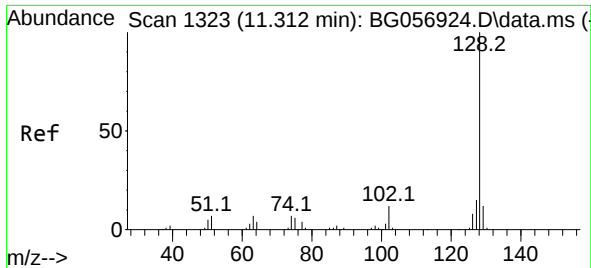
Ion Ratio Lower Upper

180 100

182 98.3 77.1 115.7

145 24.9 21.3 31.9

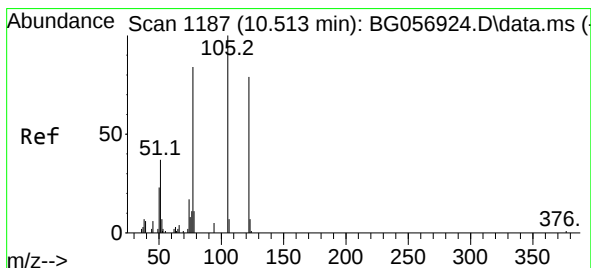
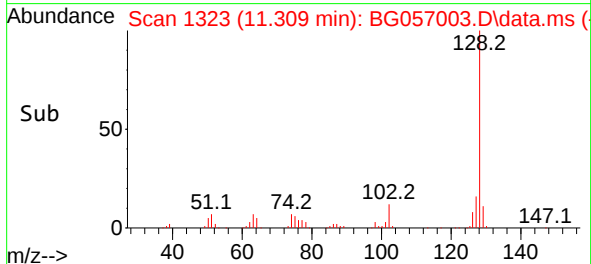
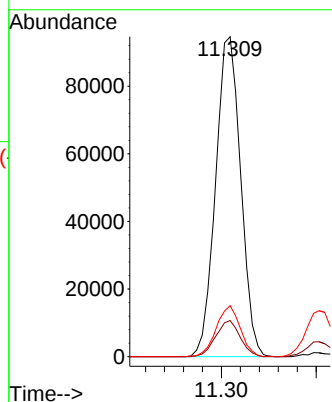
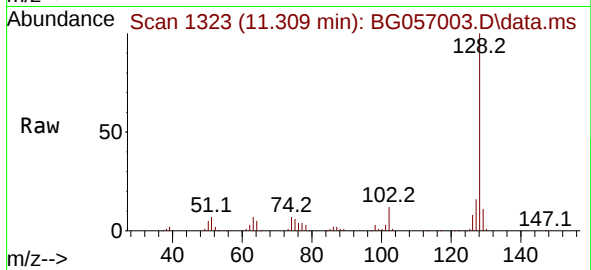




#31
Naphthalene
Concen: 46.539 ng
RT: 11.309 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

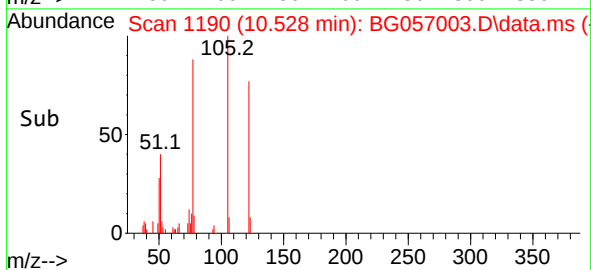
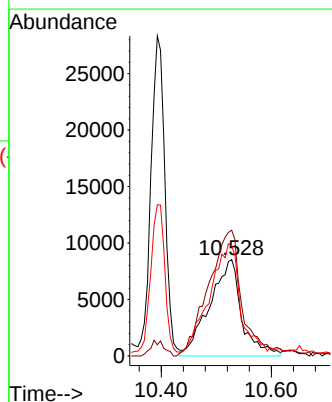
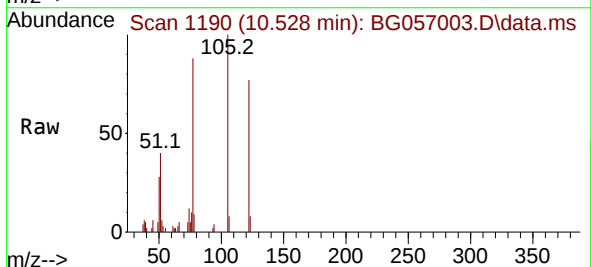
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

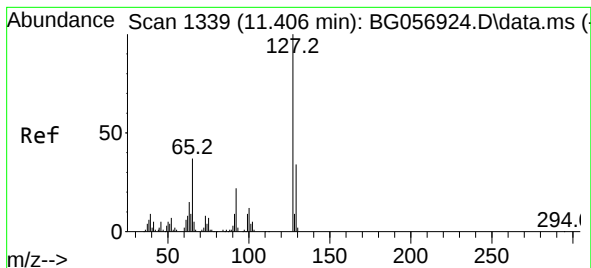
Tgt Ion:128 Resp: 173966
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 15.9 12.2 18.4



#32
Benzoic acid
Concen: 42.876 ng
RT: 10.528 min Scan# 1190
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:122 Resp: 34394
Ion Ratio Lower Upper
122 100
105 130.7 105.4 145.4
77 114.4 87.4 127.4

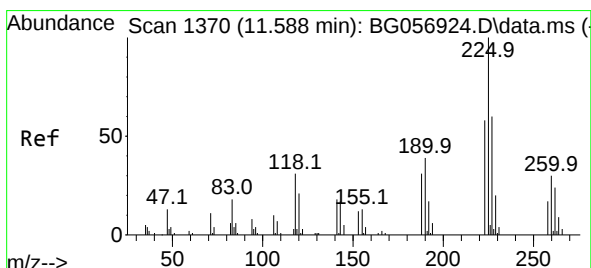
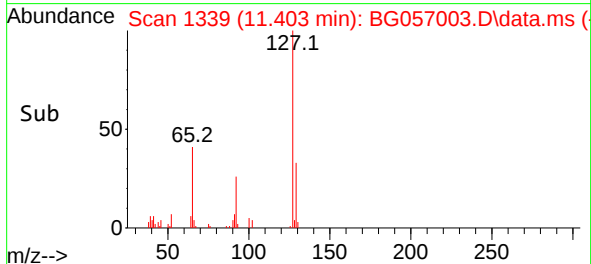
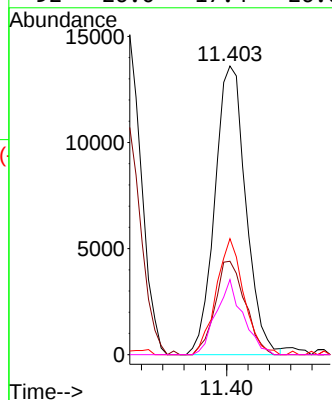
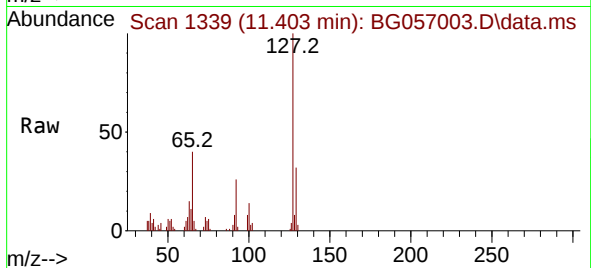




#33
4-Chloroaniline
Concen: 16.222 ng
RT: 11.403 min Scan# 1139
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

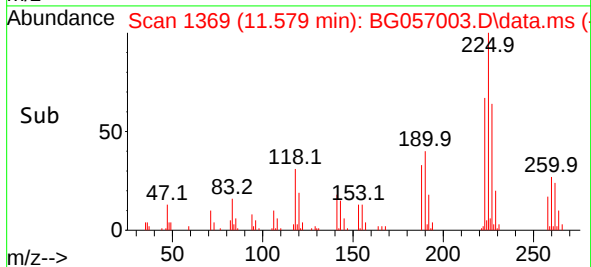
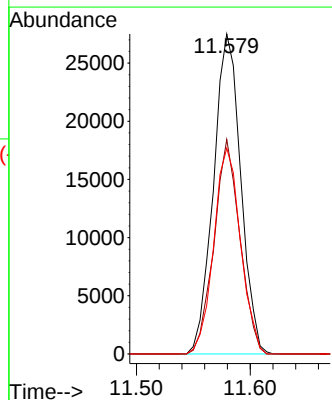
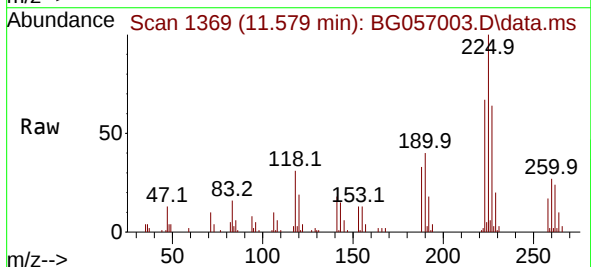
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

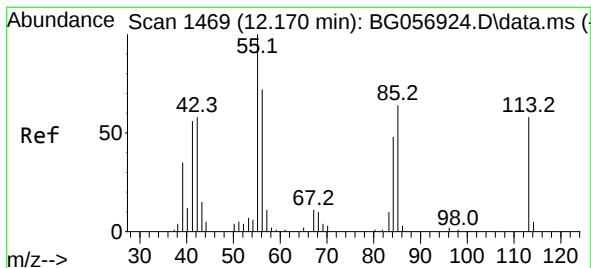
Tgt Ion:	127	Resp:	27388
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.6	41.4
65	40.2	29.8	44.8
92	26.0	17.4	26.0



#34
Hexachlorobutadiene
Concen: 45.701 ng
RT: 11.579 min Scan# 1369
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:	225	Resp:	45811
Ion	Ratio	Lower	Upper
225	100		
223	67.0	46.4	69.6
227	64.3	48.0	72.0





#35

Caprolactam

Concen: 36.798 ng

RT: 12.179 min Scan# 1469

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

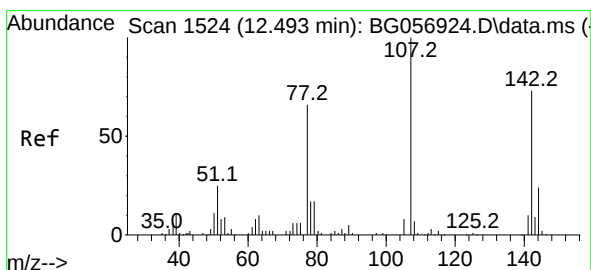
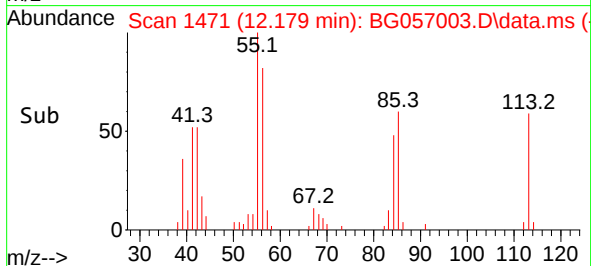
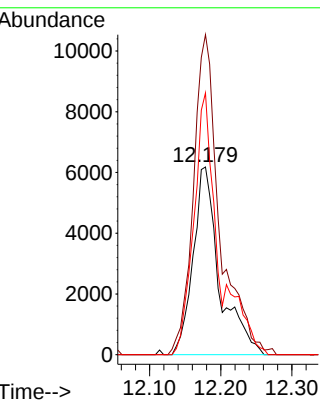
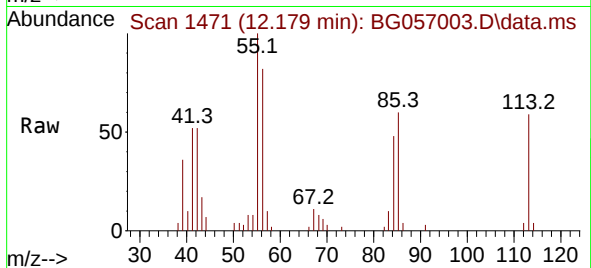
Tgt Ion:113 Resp: 15938

Ion Ratio Lower Upper

113 100

55 170.5 151.6 191.6

56 139.5 103.7 143.7



#36

4-Chloro-3-methylphenol

Concen: 39.406 ng

RT: 12.496 min Scan# 1525

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

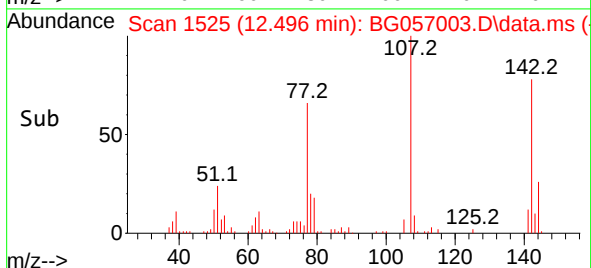
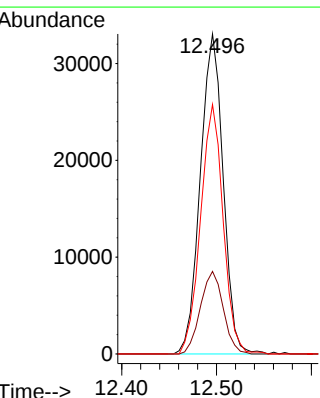
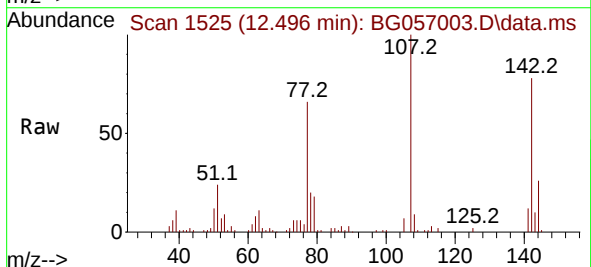
Tgt Ion:107 Resp: 55346

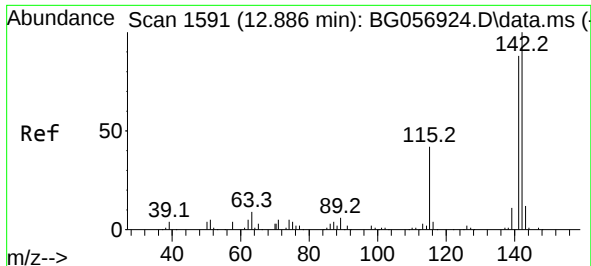
Ion Ratio Lower Upper

107 100

144 25.8 19.0 28.4

142 77.9 58.6 88.0





#37

2-Methylnaphthalene

Concen: 41.890 ng

RT: 12.883 min Scan# 1591

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

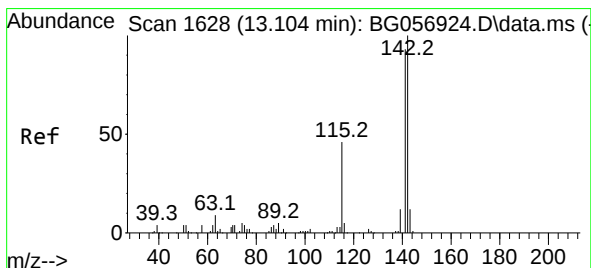
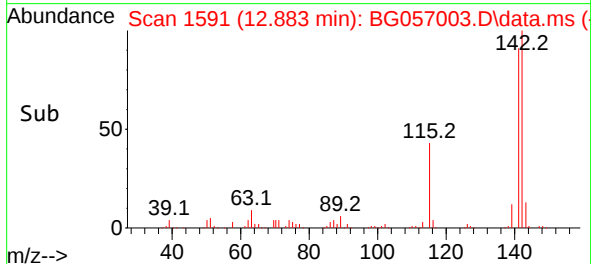
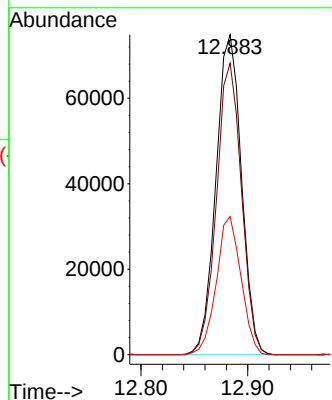
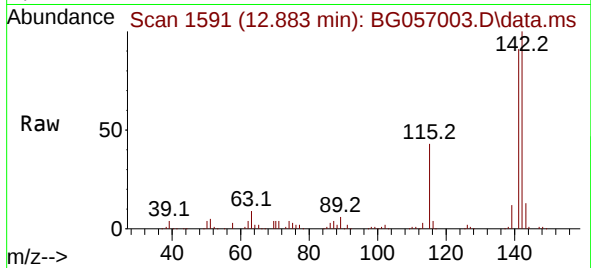
Tgt Ion:142 Resp: 124277

Ion Ratio Lower Upper

142 100

141 91.1 70.3 105.5

115 43.2 33.5 50.3



#38

1-Methylnaphthalene

Concen: 42.319 ng

RT: 13.101 min Scan# 1628

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

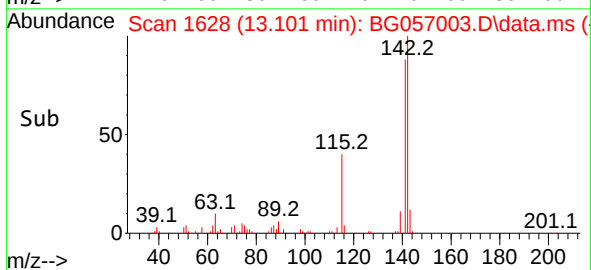
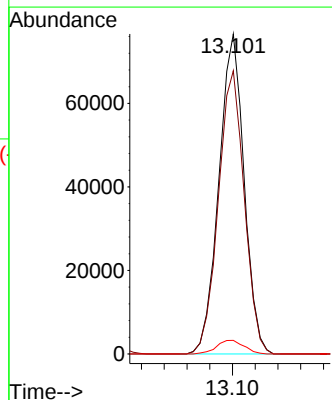
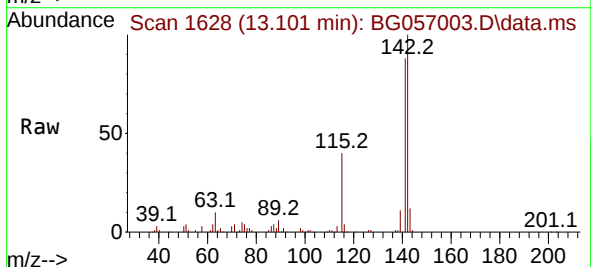
Tgt Ion:142 Resp: 117892

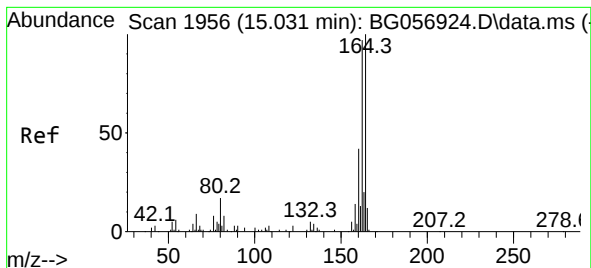
Ion Ratio Lower Upper

142 100

141 88.5 74.0 111.0

116 4.2 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

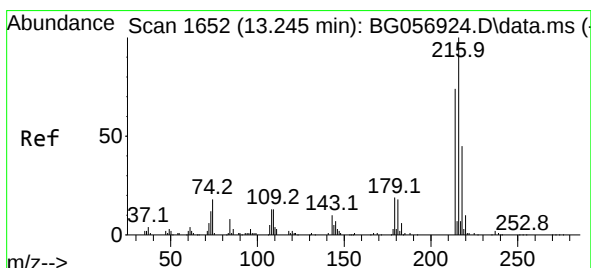
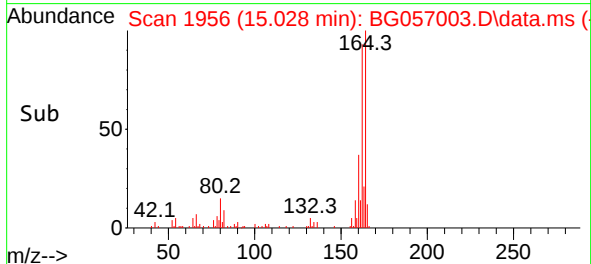
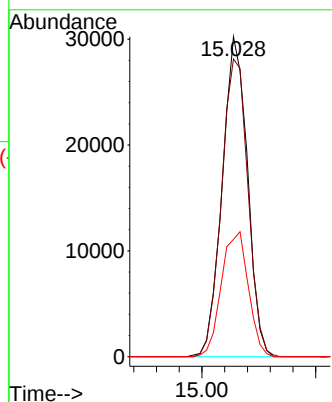
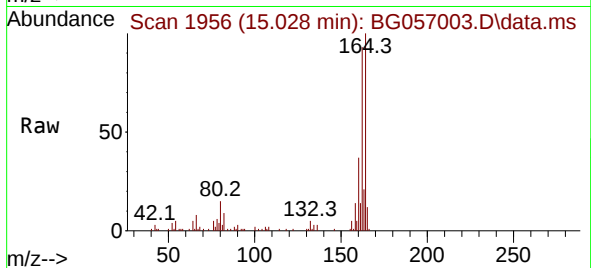
Tgt Ion:164 Resp: 46518

Ion Ratio Lower Upper

164 100

162 93.1 77.8 116.8

160 36.6 33.5 50.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.916 ng

RT: 13.242 min Scan# 1652

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Tgt Ion:216 Resp: 78907

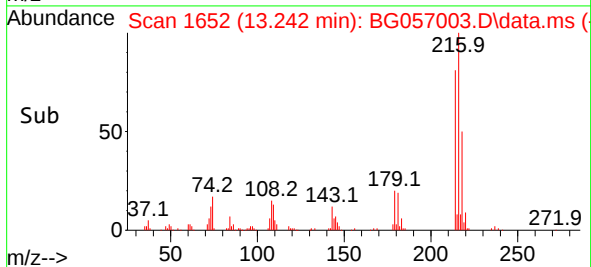
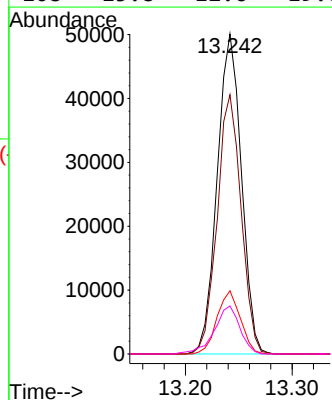
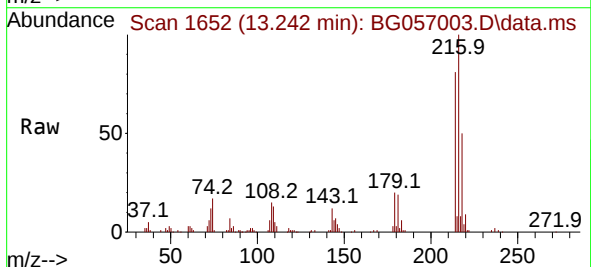
Ion Ratio Lower Upper

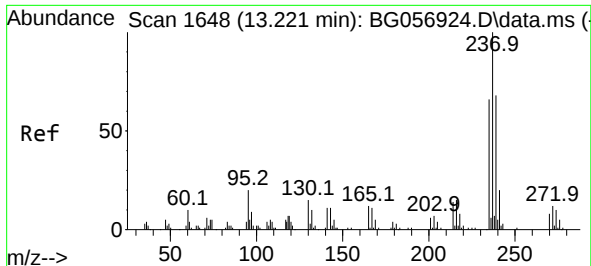
216 100

214 80.0 63.3 94.9

179 19.1 15.0 22.6

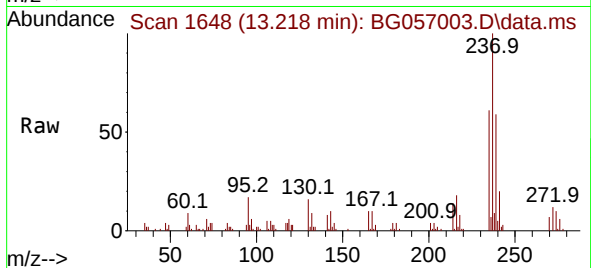
108 15.8 12.6 19.0



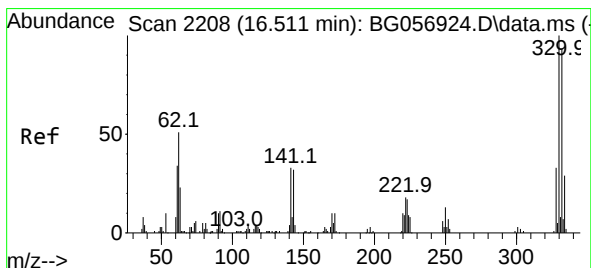
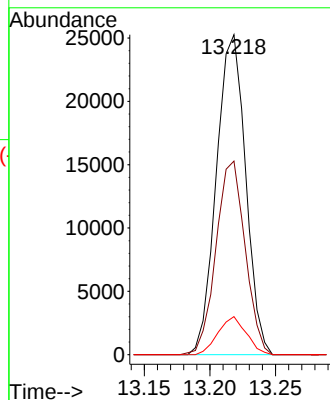
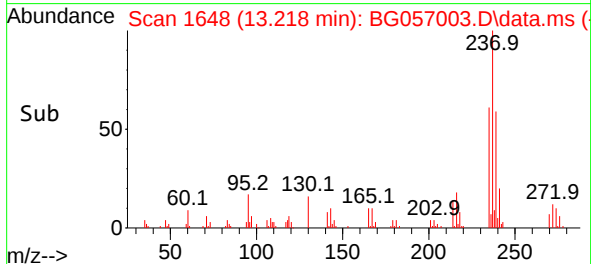


#41
Hexachlorocyclopentadiene
Concen: 44.028 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

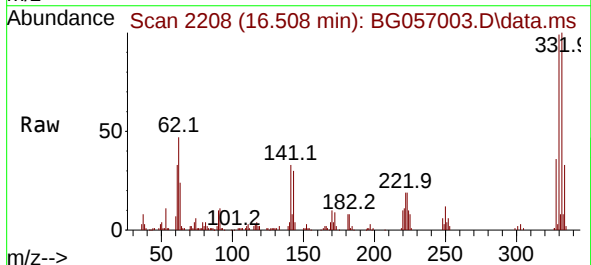
Instrument :
BNA_G
ClientSampleId :
RS-FMSD



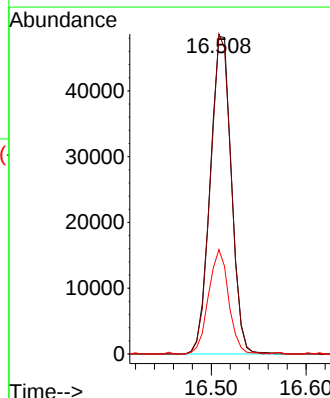
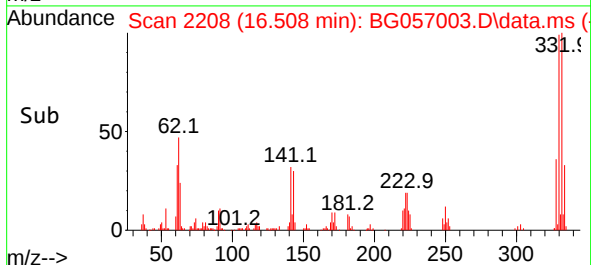
Tgt Ion:237 Resp: 39131
Ion Ratio Lower Upper
237 100
235 60.5 45.9 85.9
272 11.9 0.0 32.3

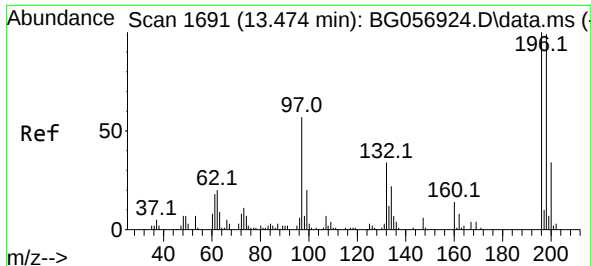


#42
2,4,6-Tribromophenol
Concen: 101.043 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26



Tgt Ion:330 Resp: 75089
Ion Ratio Lower Upper
330 100
332 98.7 76.1 114.1
141 31.2 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 48.851 ng

RT: 13.471 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

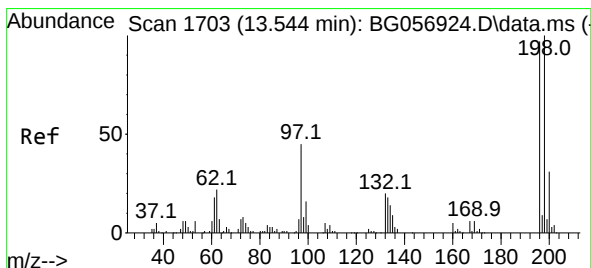
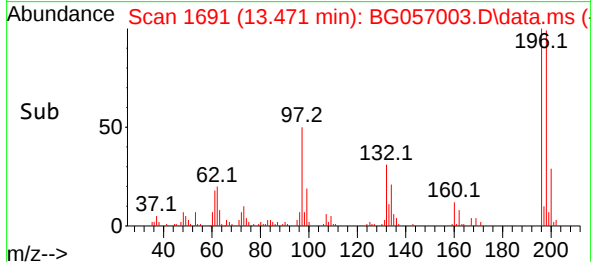
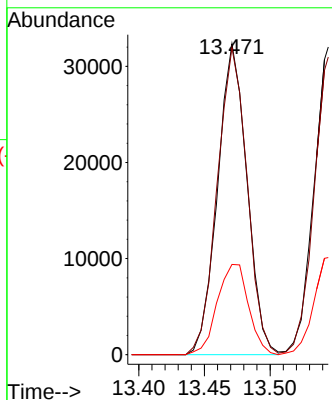
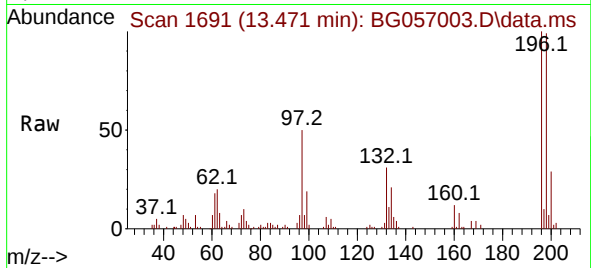
Tgt Ion:196 Resp: 50286

Ion Ratio Lower Upper

196 100

198 98.7 79.1 118.7

200 29.0 27.2 40.8



#44

2,4,5-Trichlorophenol

Concen: 43.785 ng

RT: 13.547 min Scan# 1704

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Tgt Ion:196 Resp: 53394

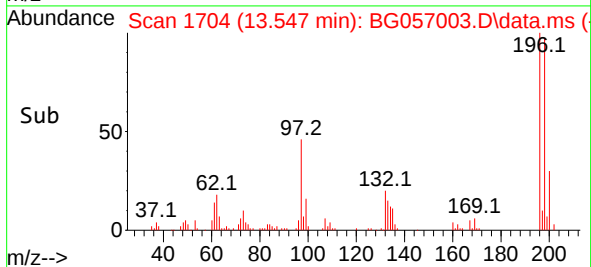
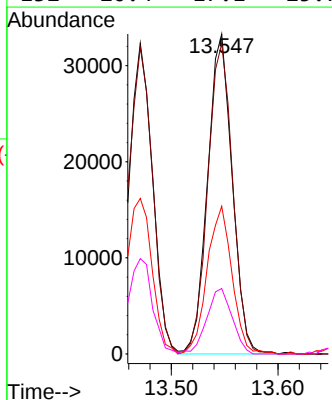
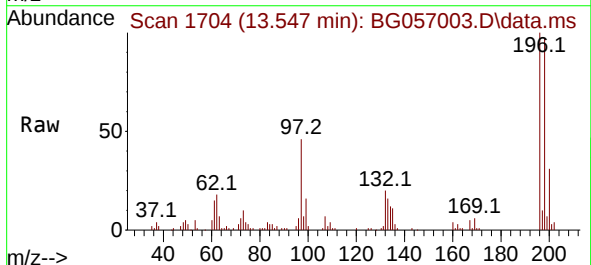
Ion Ratio Lower Upper

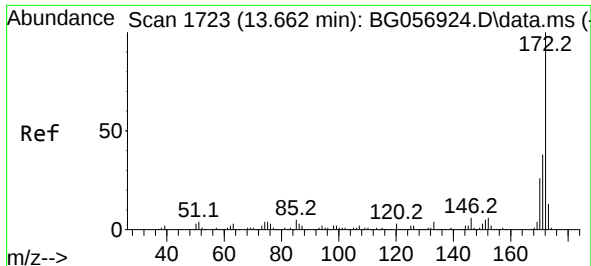
196 100

198 97.0 82.5 123.7

97 46.2 37.0 55.6

132 20.4 17.1 25.7

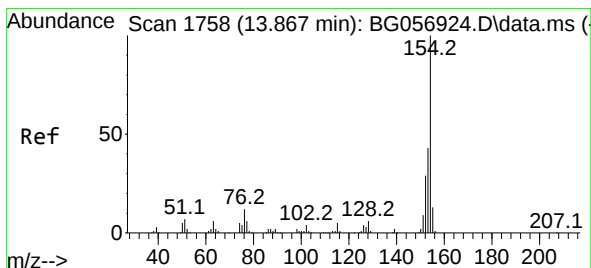
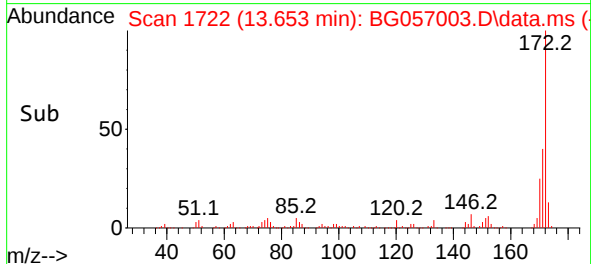
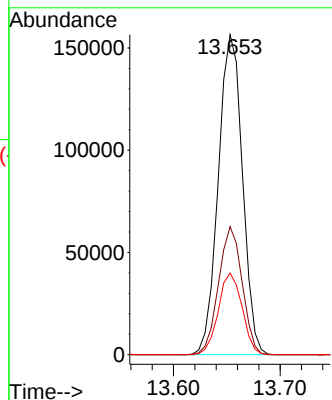
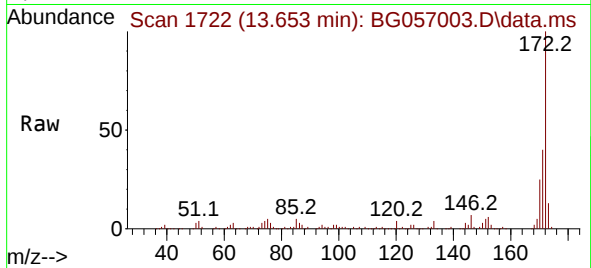




#45
2-Fluorobiphenyl
Concen: 71.647 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

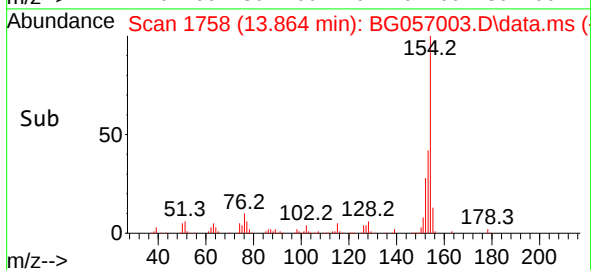
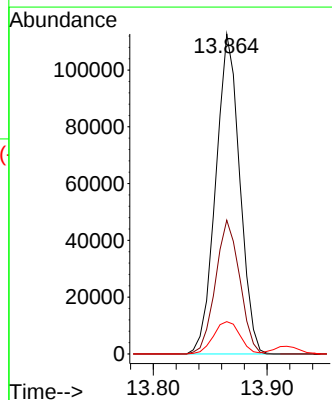
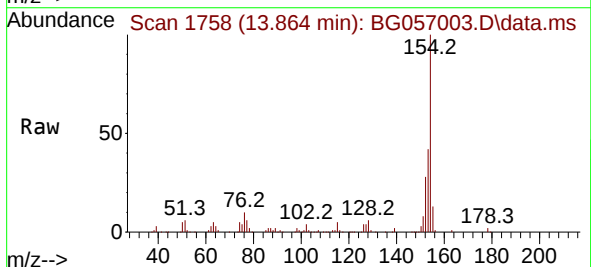
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

Tgt Ion:172 Resp: 245787
Ion Ratio Lower Upper
172 100
171 40.0 30.6 46.0
170 25.5 20.6 30.8



#46
1,1'-Biphenyl
Concen: 48.506 ng
RT: 13.864 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:154 Resp: 165175
Ion Ratio Lower Upper
154 100
153 41.8 23.4 63.4
76 10.1 0.0 31.6

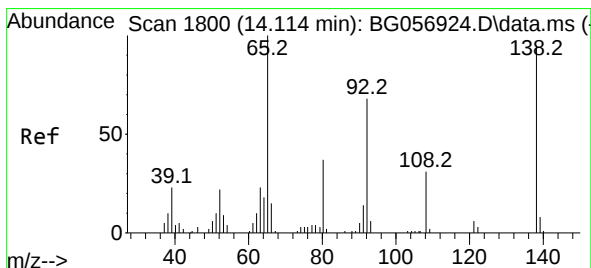
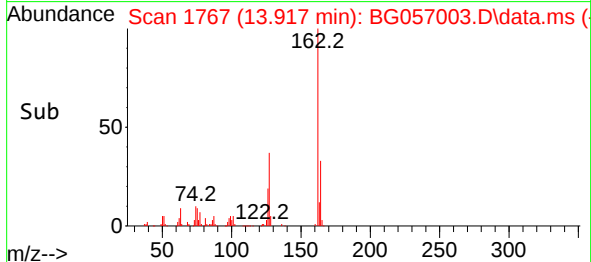
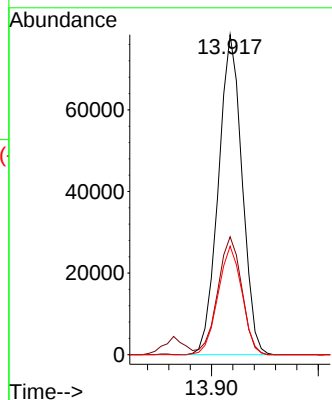
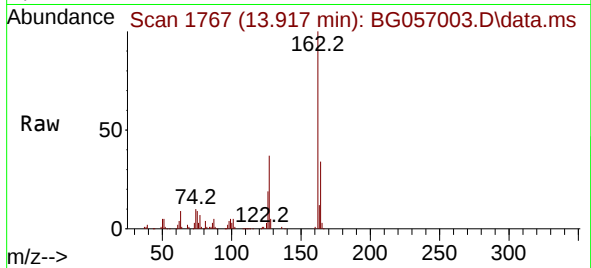




#47
2-Chloronaphthalene
Concen: 48.017 ng
RT: 13.917 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

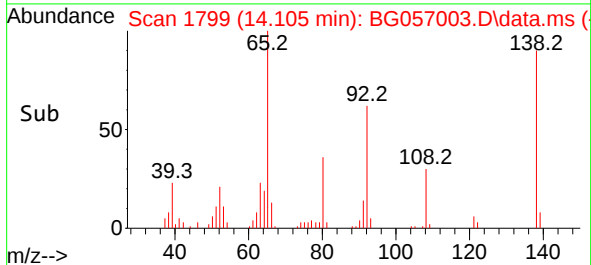
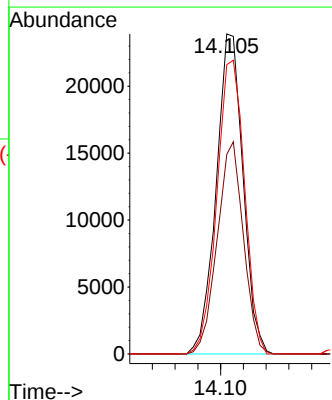
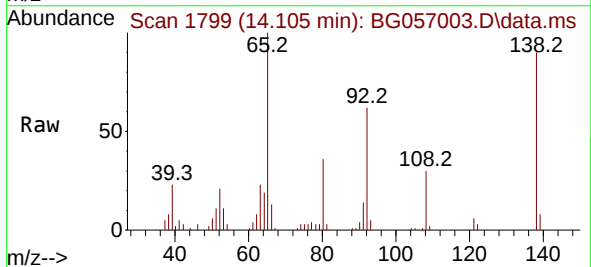
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

Tgt Ion:162 Resp: 120932
Ion Ratio Lower Upper
162 100
127 36.9 29.5 44.3
164 33.9 25.5 38.3



#48
2-Nitroaniline
Concen: 43.548 ng
RT: 14.105 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion: 65 Resp: 39217
Ion Ratio Lower Upper
65 100
92 62.3 54.3 81.5
138 90.4 76.0 114.0

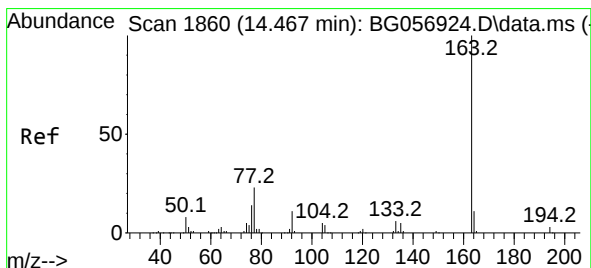
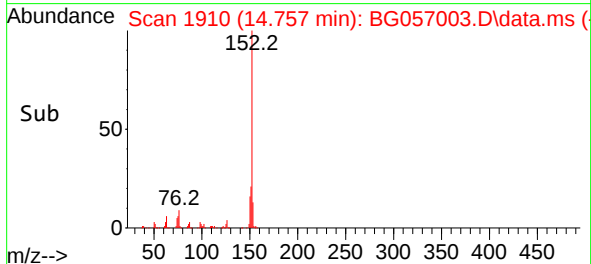
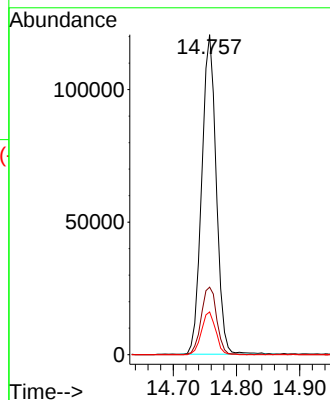
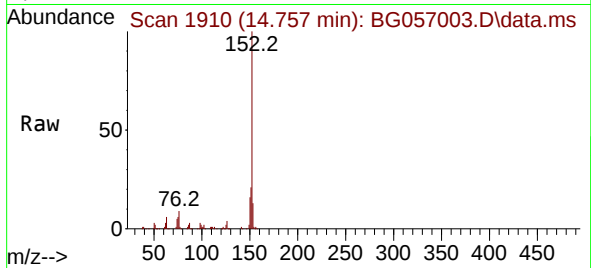




#49
Acenaphthylene
Concen: 46.563 ng
RT: 14.757 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

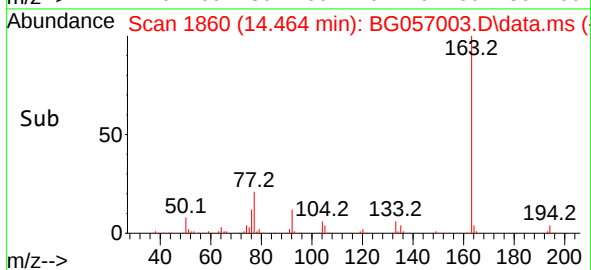
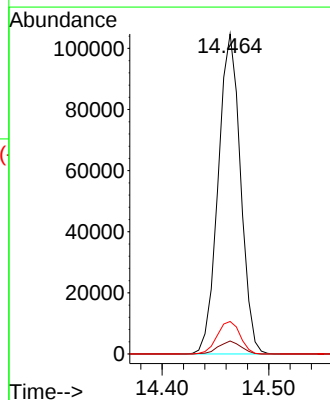
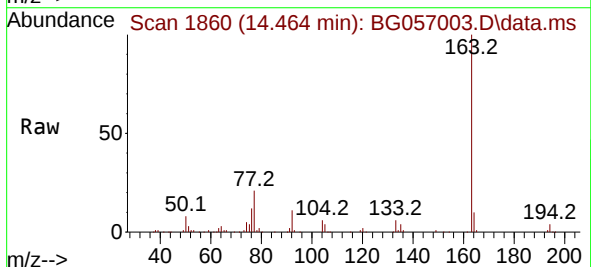
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

Tgt Ion:152 Resp: 192677
Ion Ratio Lower Upper
152 100
151 21.1 18.2 27.2
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 41.476 ng
RT: 14.464 min Scan# 1860
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:163 Resp: 152022
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 10.2 8.8 13.2

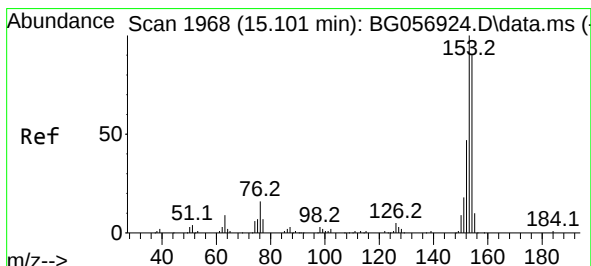
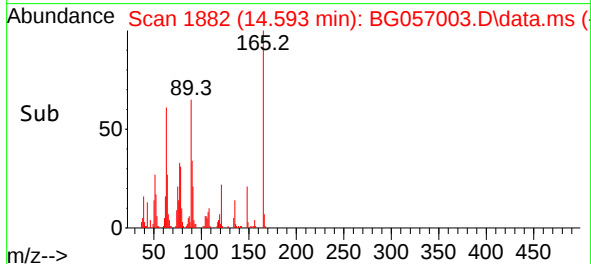
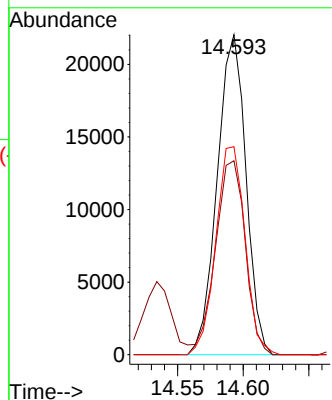
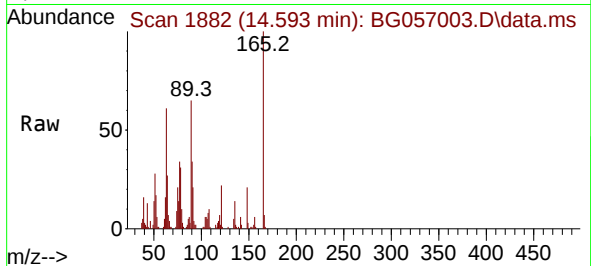




#51
2,6-Dinitrotoluene
Concen: 42.335 ng
RT: 14.593 min Scan# 1881
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

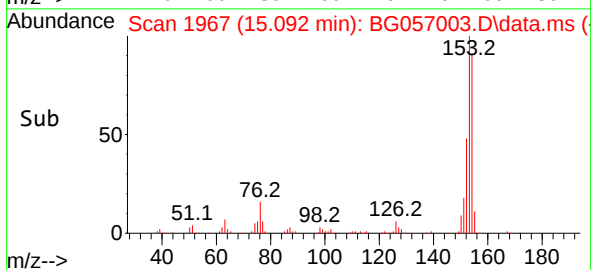
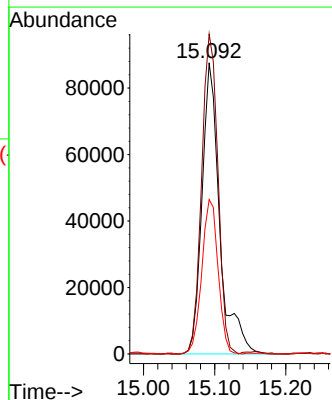
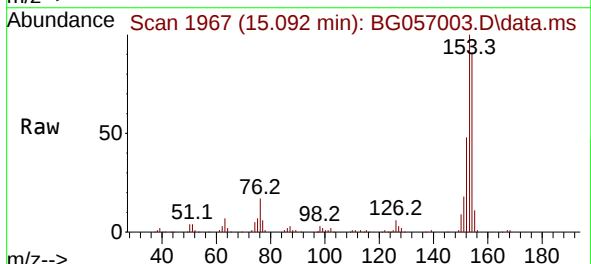
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

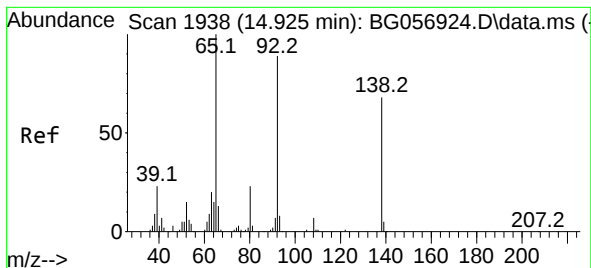
Tgt Ion:165 Resp: 33526
Ion Ratio Lower Upper
165 100
63 60.6 53.0 79.6
89 65.0 51.0 76.4



#52
Acenaphthene
Concen: 53.506 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:154 Resp: 152698
Ion Ratio Lower Upper
154 100
153 109.9 88.9 133.3
152 53.0 41.8 62.8

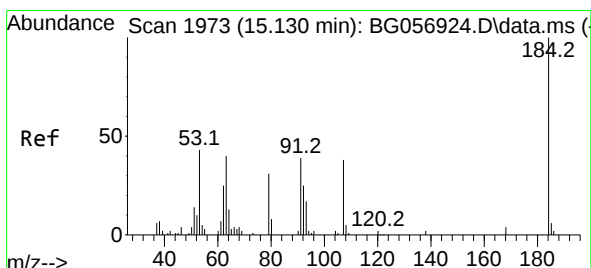
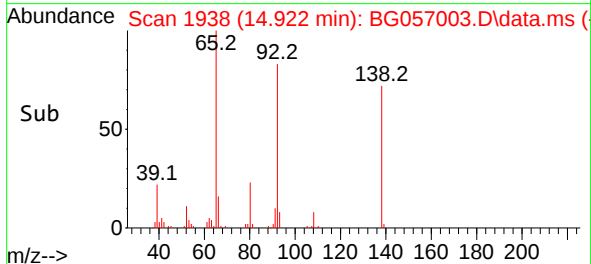
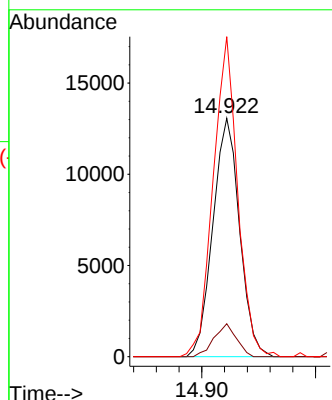
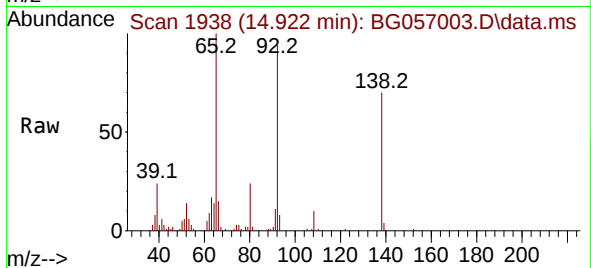




#53
3-Nitroaniline
Concen: 27.144 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

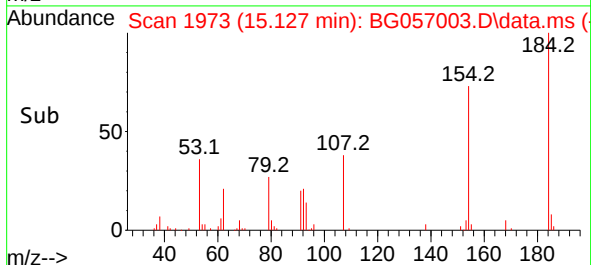
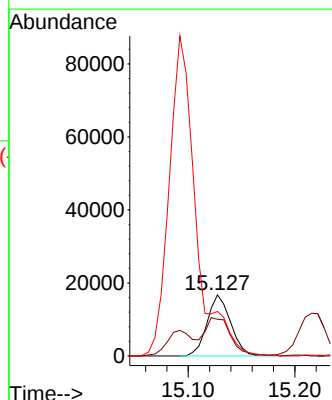
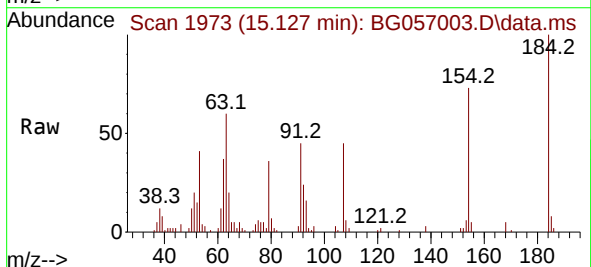
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

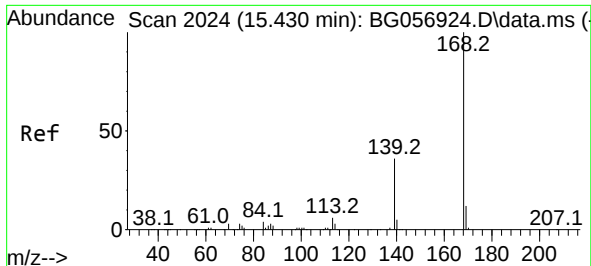
Tgt Ion:138 Resp: 21277
Ion Ratio Lower Upper
138 100
108 13.9 8.2 12.2#
92 134.2 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 57.795 ng
RT: 15.127 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:184 Resp: 25762
Ion Ratio Lower Upper
184 100
63 60.0 46.5 69.7
154 72.8 53.5 80.3

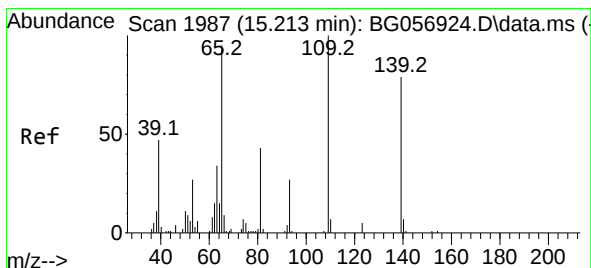
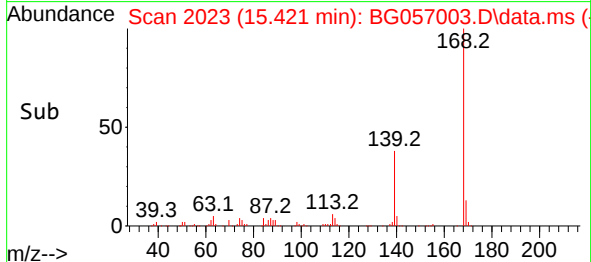
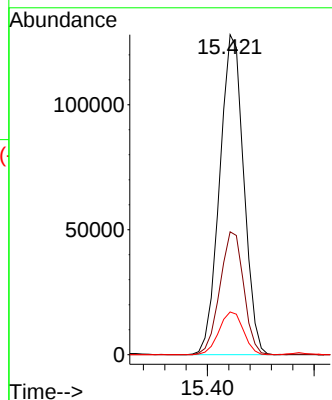
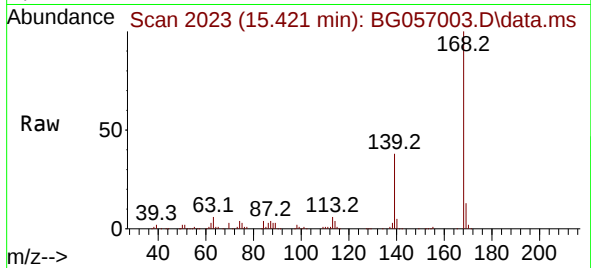




#55
Dibenzofuran
Concen: 46.822 ng
RT: 15.421 min Scan# 20
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

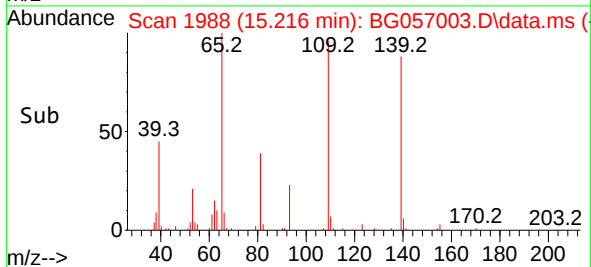
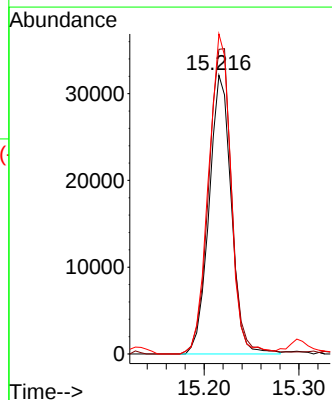
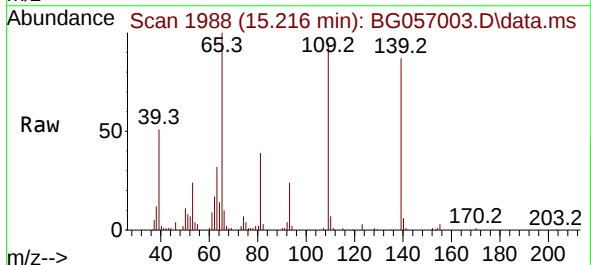
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

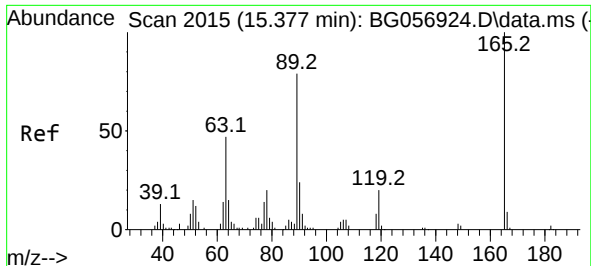
Tgt Ion:168 Resp: 200555
Ion Ratio Lower Upper
168 100
139 38.4 28.9 43.3
169 13.4 9.8 14.6



#56
4-Nitrophenol
Concen: 90.039 ng
RT: 15.216 min Scan# 1988
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:139 Resp: 52190
Ion Ratio Lower Upper
139 100
109 109.3 106.7 146.7
65 114.8 100.5 140.5

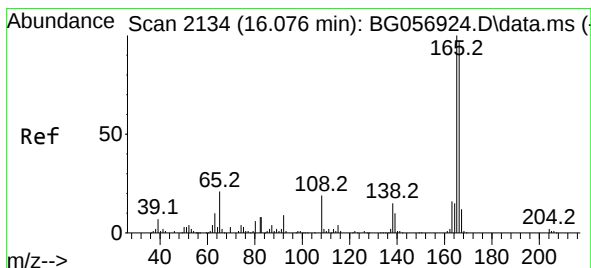
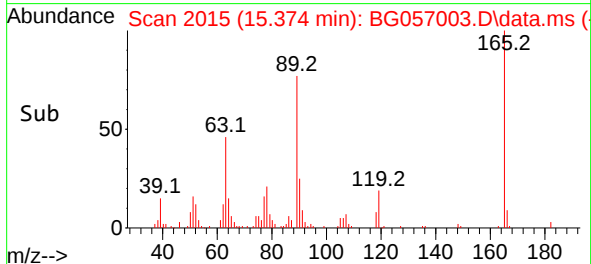
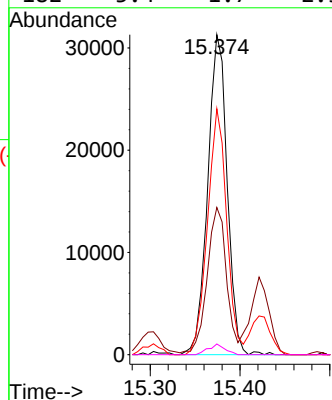
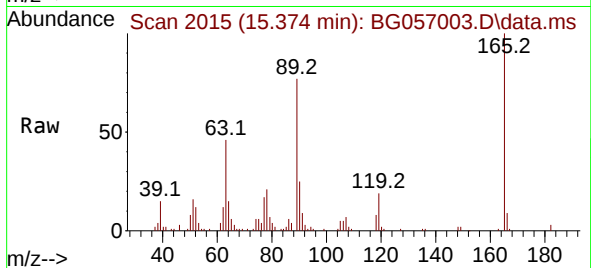




#57
2,4-Dinitrotoluene
Concen: 42.160 ng
RT: 15.374 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

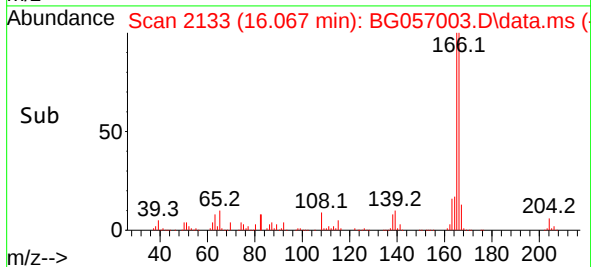
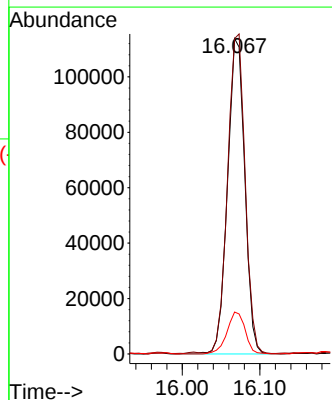
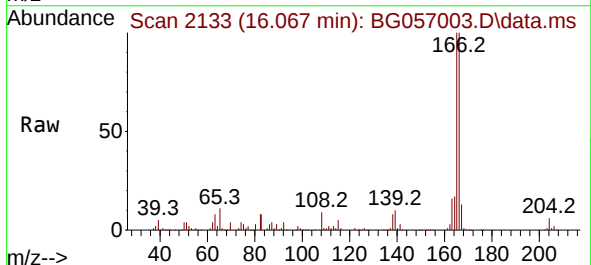
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

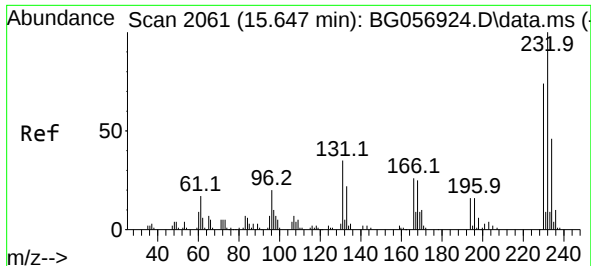
Tgt Ion:165 Resp: 47089
Ion Ratio Lower Upper
165 100
63 46.0 37.7 56.5
89 76.8 63.2 94.8
182 3.4 1.7 2.5#



#58
Fluorene
Concen: 49.742 ng
RT: 16.067 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:166 Resp: 176306
Ion Ratio Lower Upper
166 100
165 100.0 82.6 123.8
167 13.3 10.2 15.2

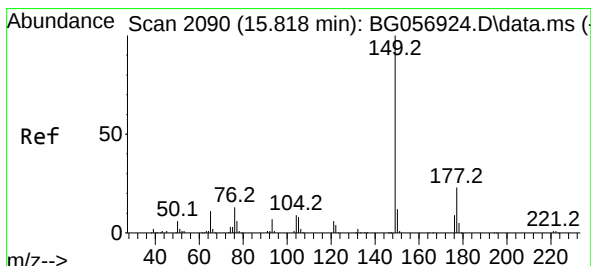
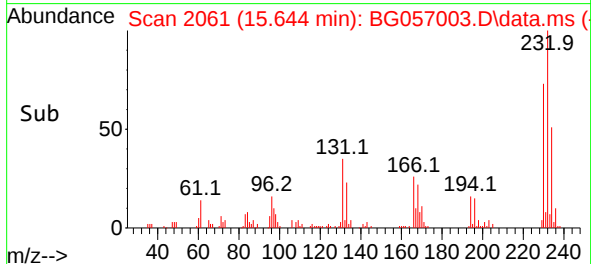
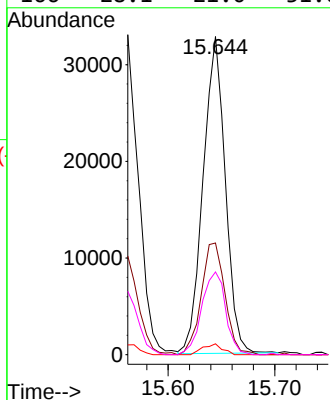
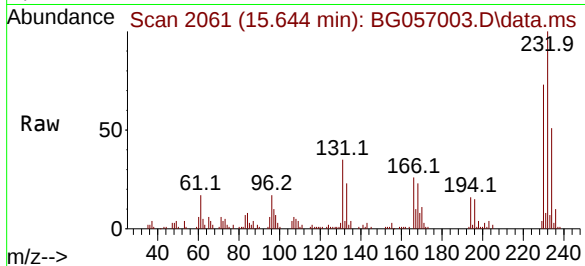




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.660 ng
RT: 15.644 min Scan# 2061
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

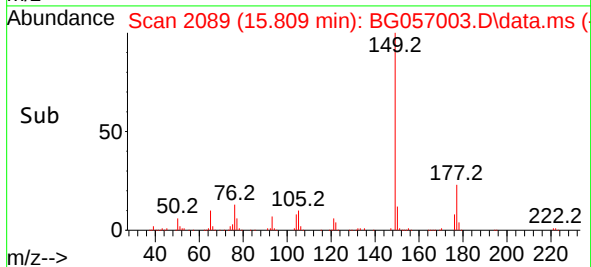
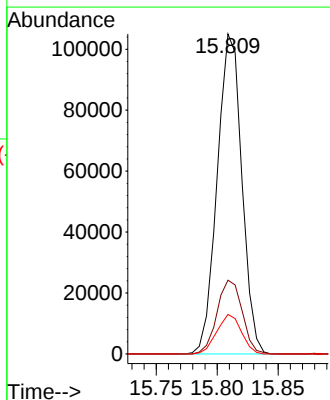
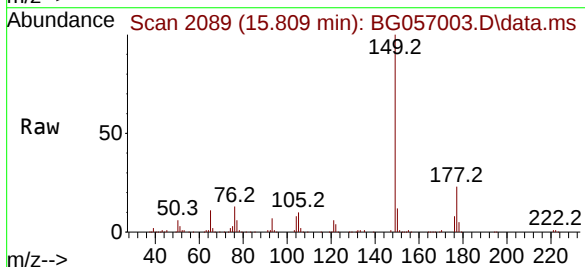
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

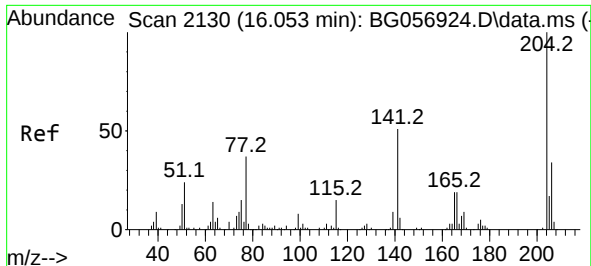
Tgt Ion:232 Resp: 47367
Ion Ratio Lower Upper
232 100
131 37.7 29.3 43.9
130 3.0 1.7 2.5#
166 28.1 21.0 31.6



#60
Diethylphthalate
Concen: 40.163 ng
RT: 15.809 min Scan# 2089
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:149 Resp: 147575
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 12.4 9.4 14.2

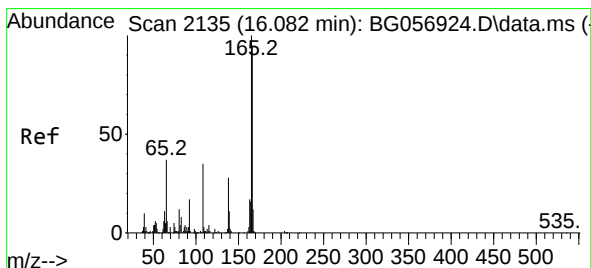
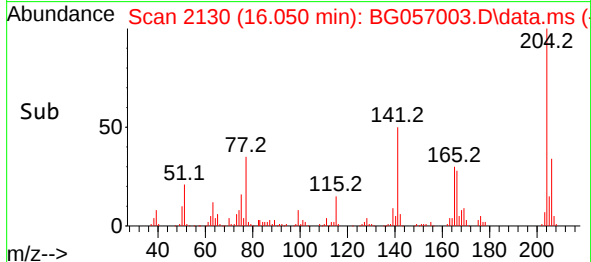
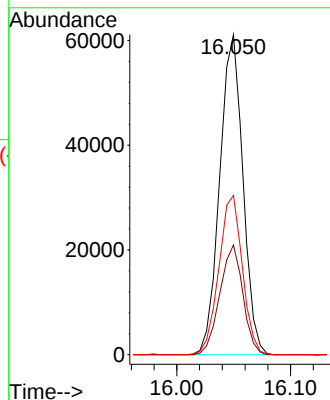
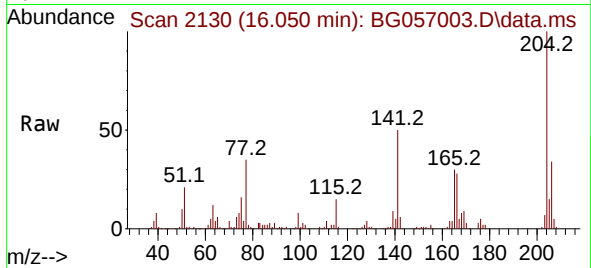




#61
4-Chlorophenyl-phenylether
Concen: 41.566 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

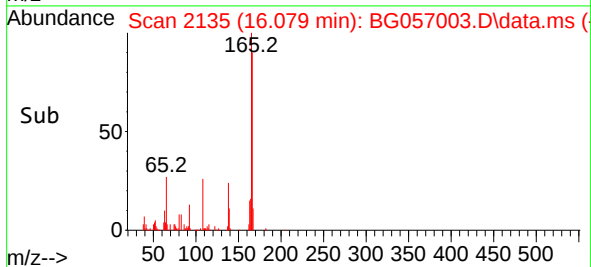
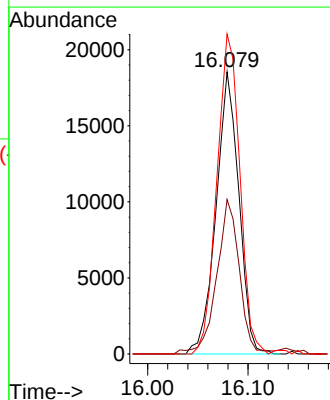
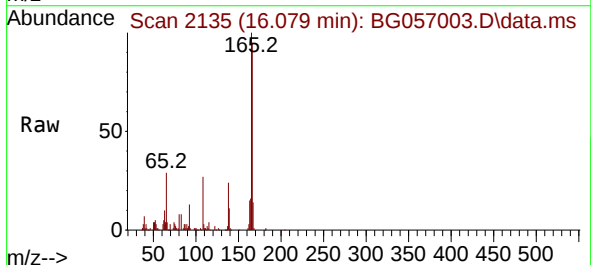
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

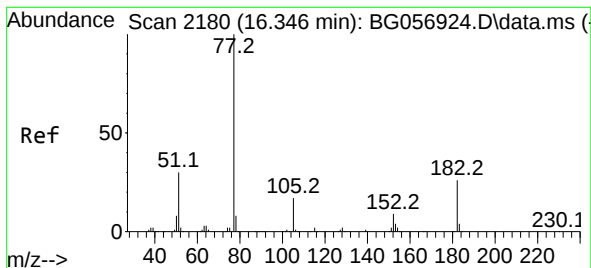
Tgt Ion:204 Resp: 86500
Ion Ratio Lower Upper
204 100
206 34.3 27.2 40.8
141 49.8 40.7 61.1



#62
4-Nitroaniline
Concen: 36.016 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:138 Resp: 29250
Ion Ratio Lower Upper
138 100
92 54.7 40.9 80.9
108 113.4 104.3 144.3





#63

Azobenzene

Concen: 39.578 ng

RT: 16.343 min Scan# 2180

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

Tgt Ion: 77 Resp: 144930

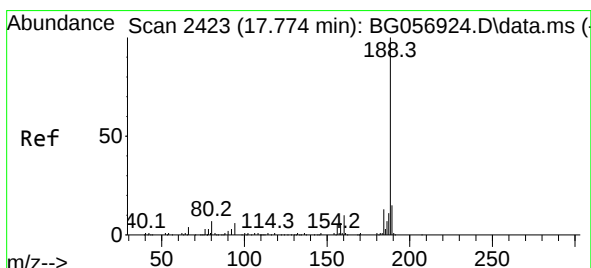
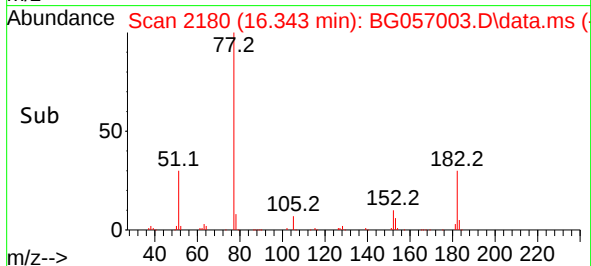
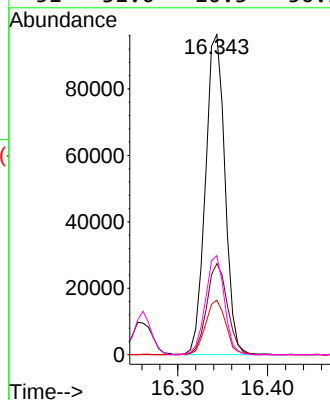
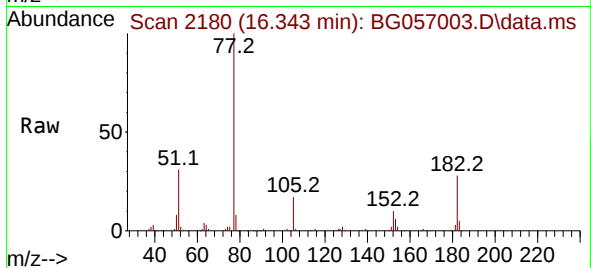
Ion Ratio Lower Upper

77 100

182 28.5 5.9 45.9

105 17.0 0.0 36.8

51 31.0 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.771 min Scan# 2423

Delta R.T. 0.005 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

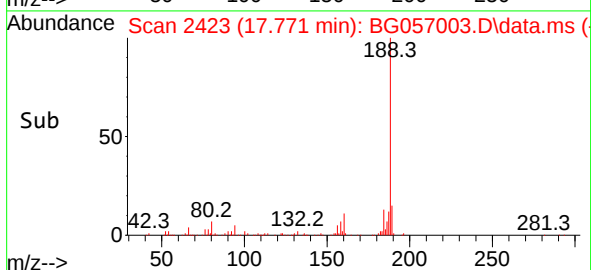
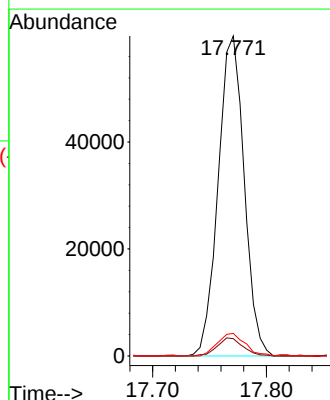
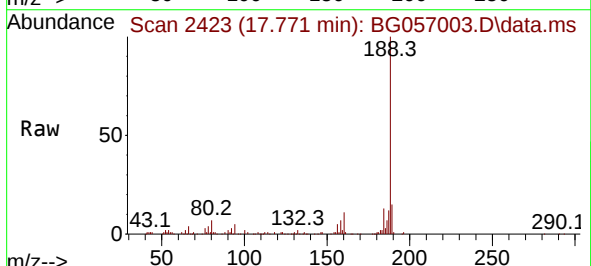
Tgt Ion:188 Resp: 94886

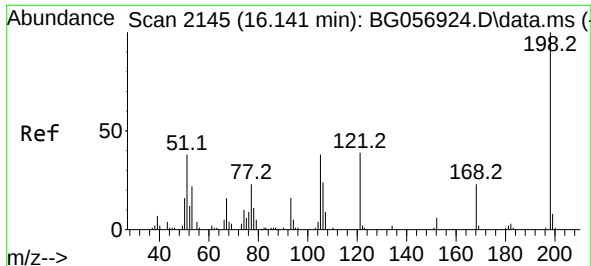
Ion Ratio Lower Upper

188 100

94 5.4 4.6 6.8

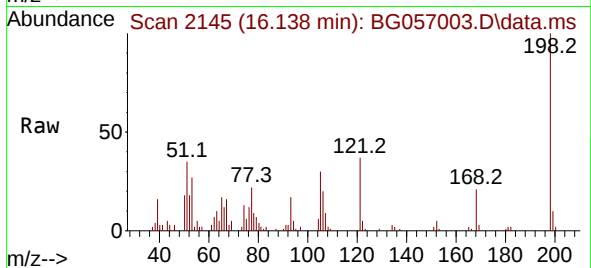
80 7.1 5.5 8.3



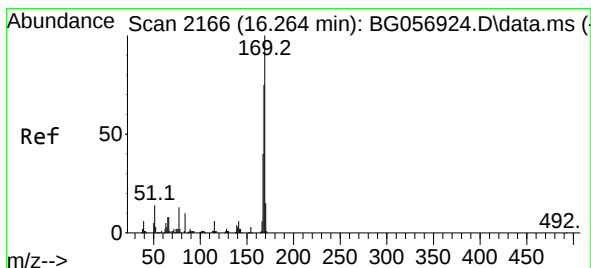
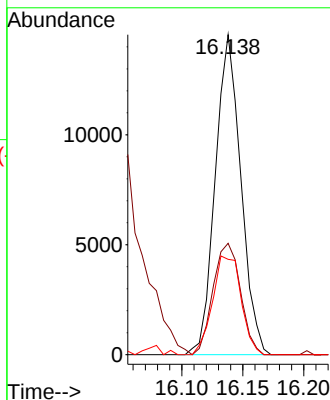
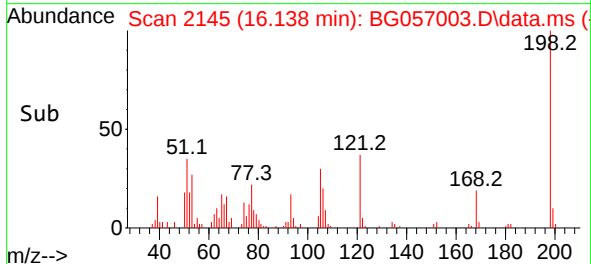


#65
4,6-Dinitro-2-methylphenol
Concen: 36.936 ng
RT: 16.138 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Instrument :
BNA_G
ClientSampleId :
RS-FMSD

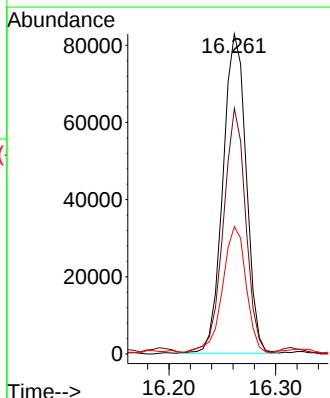
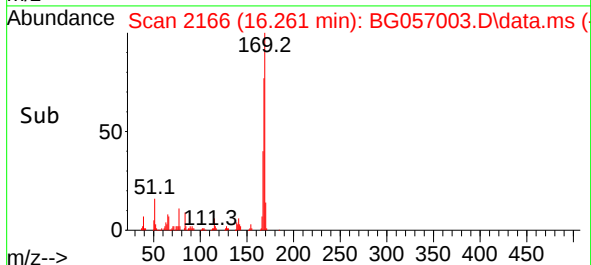
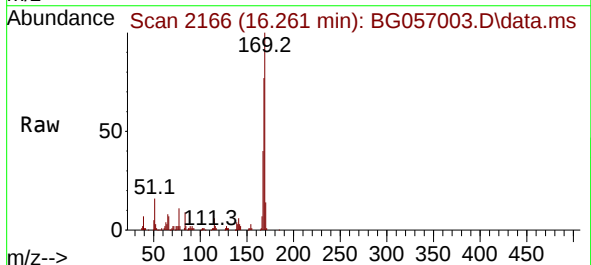


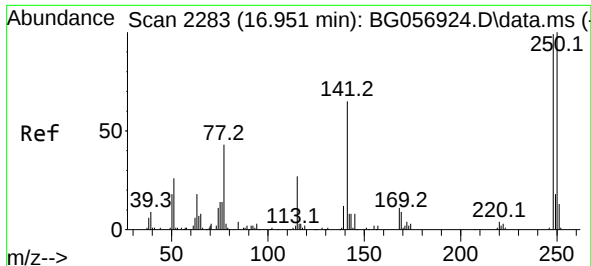
Tgt Ion:198 Resp: 21226
Ion Ratio Lower Upper
198 100
51 34.8 20.5 60.5
105 29.8 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 49.147 ng
RT: 16.261 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:169 Resp: 125185
Ion Ratio Lower Upper
169 100
168 76.8 59.6 89.4
167 39.8 31.8 47.8

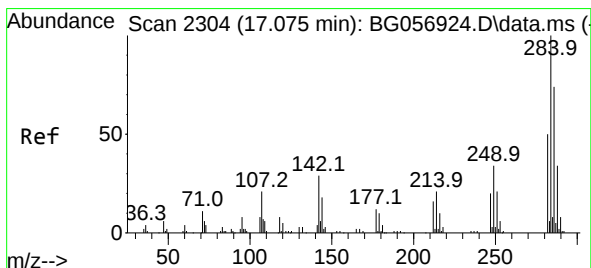
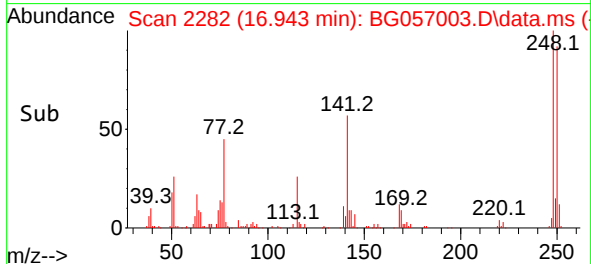
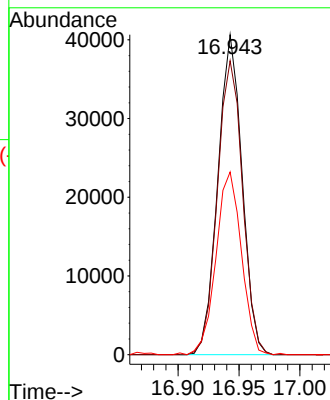
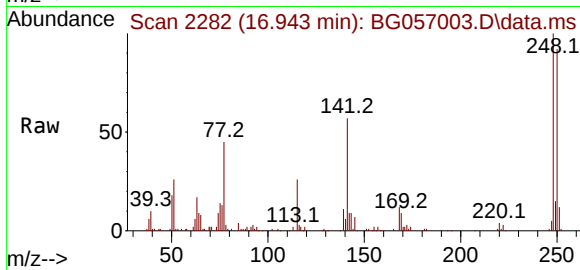




#67
4-Bromophenyl-phenylether
Concen: 47.915 ng
RT: 16.943 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

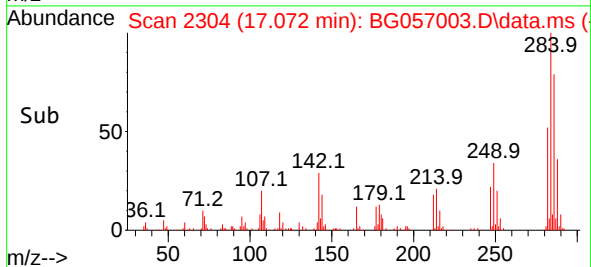
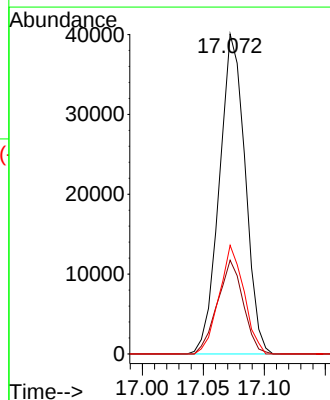
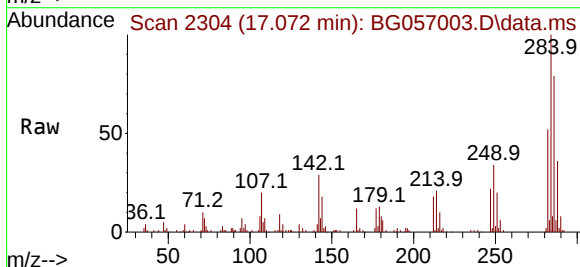
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

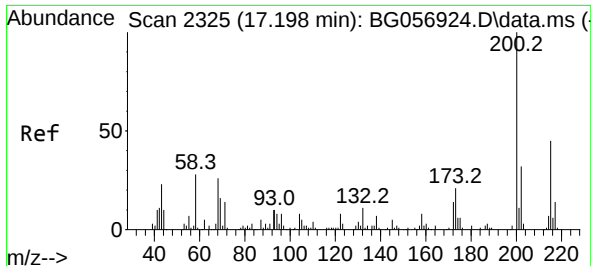
Tgt Ion:248 Resp: 56254
Ion Ratio Lower Upper
248 100
250 91.9 80.5 120.7
141 57.1 52.0 78.0



#68
Hexachlorobenzene
Concen: 50.760 ng
RT: 17.072 min Scan# 2304
Delta R.T. -0.007 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:284 Resp: 58918
Ion Ratio Lower Upper
284 100
142 29.3 23.0 34.4
249 33.9 27.1 40.7

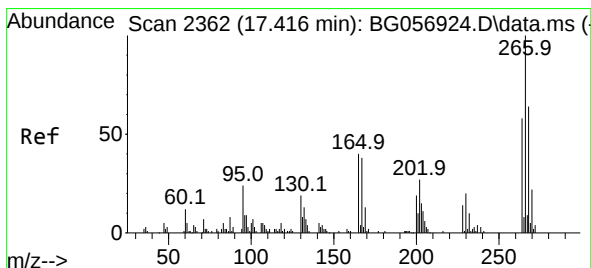
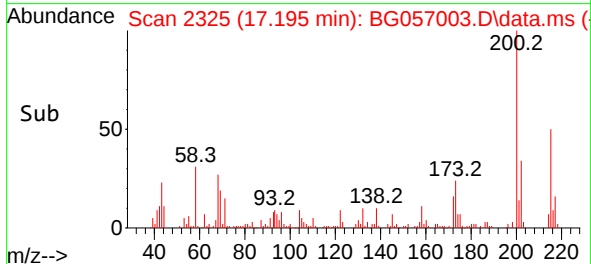
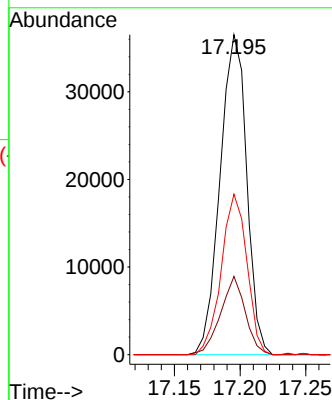
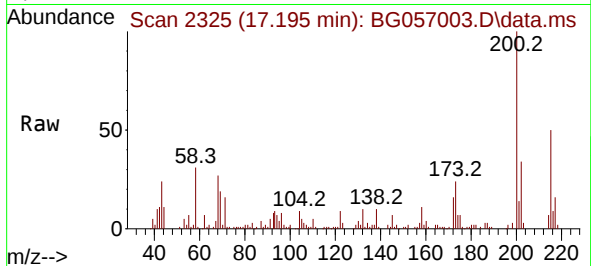




#69
 Atrazine
 Concen: 48.621 ng
 RT: 17.195 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057003.D
 Acq: 5 Apr 2023 23:26

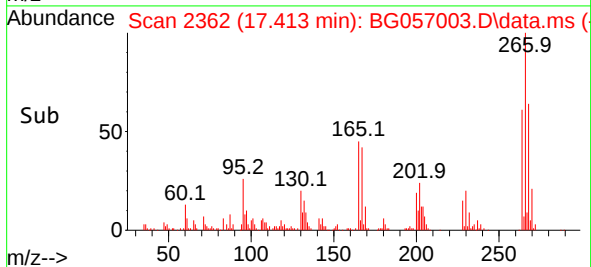
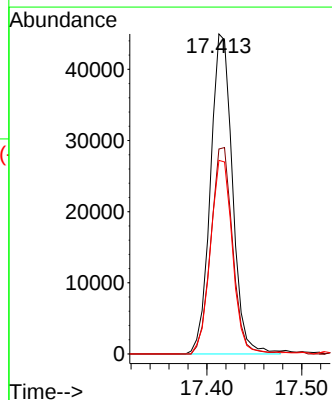
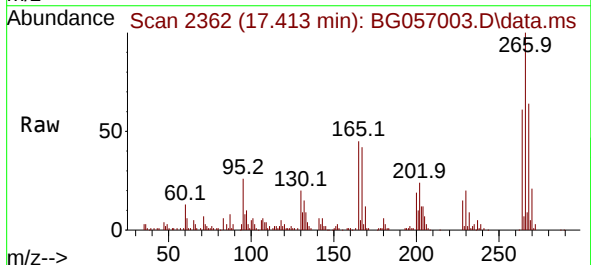
Instrument :
 BNA_G
 ClientSampleId :
 RS-FMSD

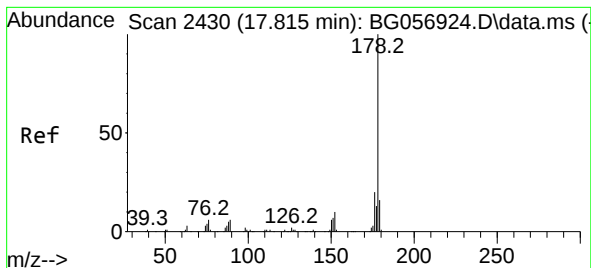
Tgt Ion:200 Resp: 51408
 Ion Ratio Lower Upper
 200 100
 173 24.4 1.0 41.0
 215 50.2 25.0 65.0



#70
 Pentachlorophenol
 Concen: 86.964 ng
 RT: 17.413 min Scan# 2362
 Delta R.T. -0.001 min
 Lab File: BG057003.D
 Acq: 5 Apr 2023 23:26

Tgt Ion:266 Resp: 72417
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 60.5 46.8 70.2





#71

Phenanthrene

Concen: 118.510 ng

RT: 17.818 min Scan# 2430

Delta R.T. 0.005 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

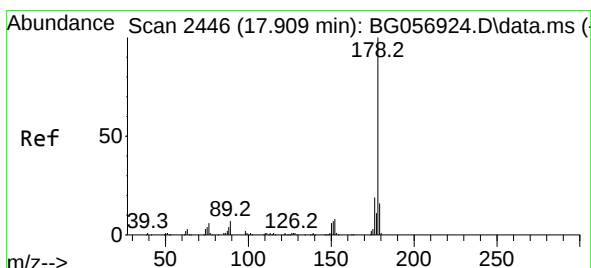
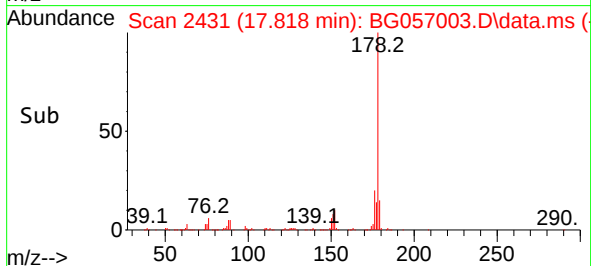
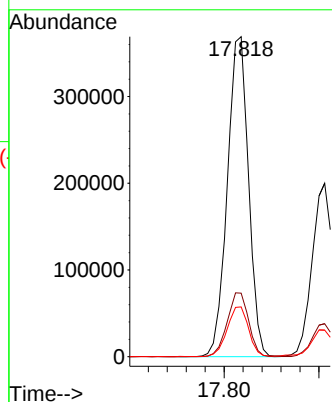
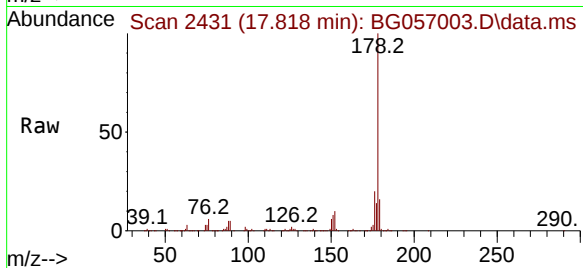
Tgt Ion:178 Resp: 573321

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

179 15.6 12.5 18.7



#72

Anthracene

Concen: 60.797 ng

RT: 17.906 min Scan# 2446

Delta R.T. 0.005 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

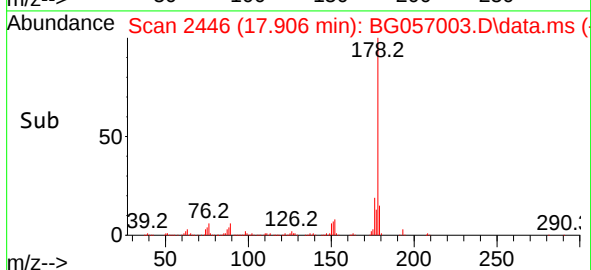
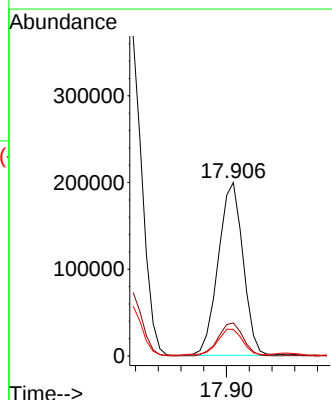
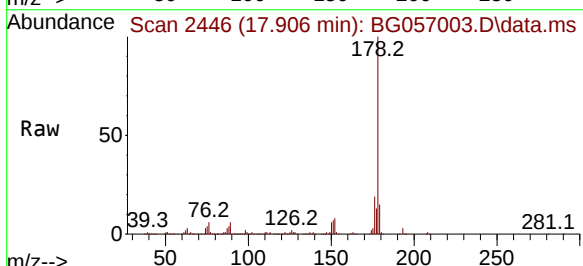
Tgt Ion:178 Resp: 301511

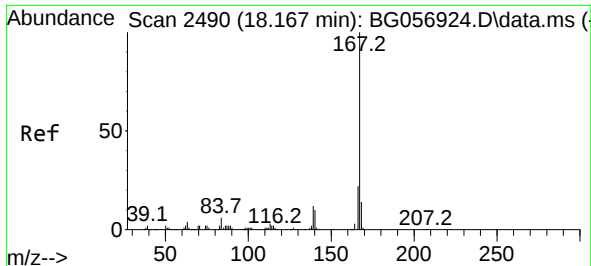
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.3 12.4 18.6

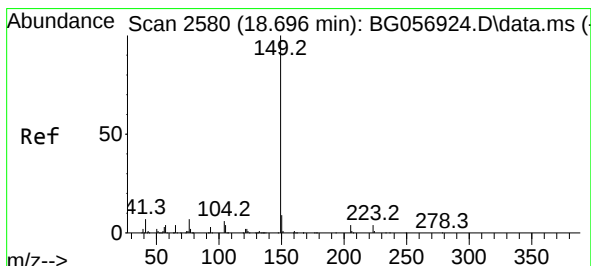
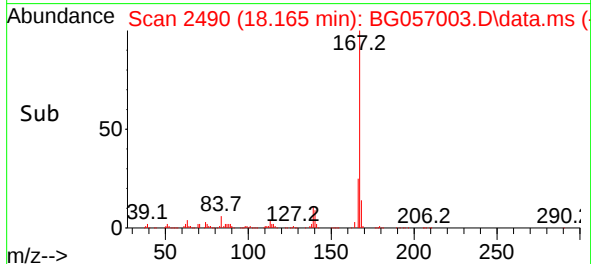
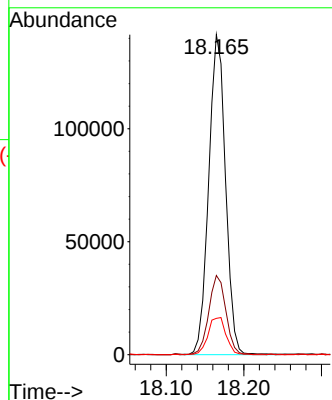
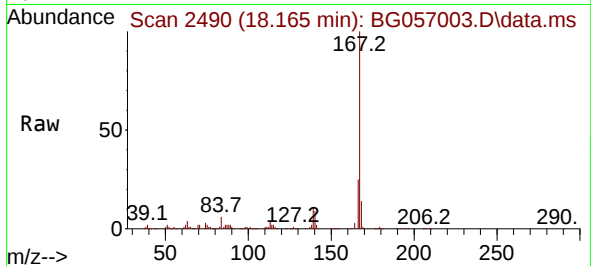




#73
 Carbazole
 Concen: 49.267 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.001 min
 Lab File: BG057003.D
 Acq: 5 Apr 2023 23:26

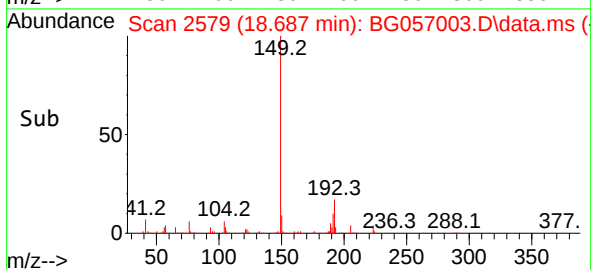
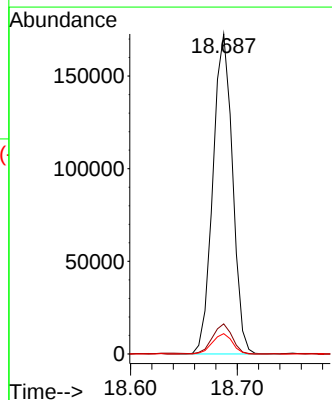
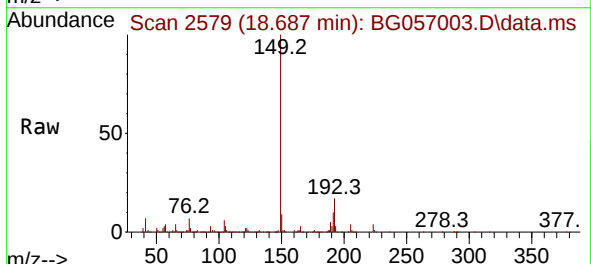
Instrument :
 BNA_G
 ClientSampleId :
 RS-FMSD

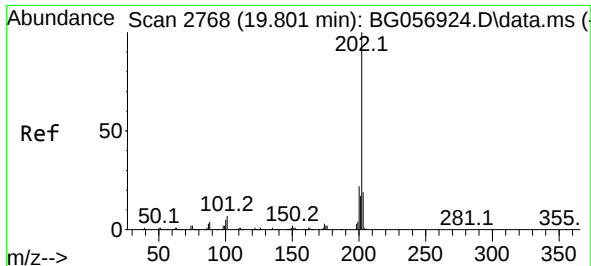
Tgt Ion:167 Resp: 213024
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.9 26.9
 139 11.4 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 43.999 ng
 RT: 18.687 min Scan# 2579
 Delta R.T. -0.001 min
 Lab File: BG057003.D
 Acq: 5 Apr 2023 23:26

Tgt Ion:149 Resp: 220303
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 6.4 4.9 7.3

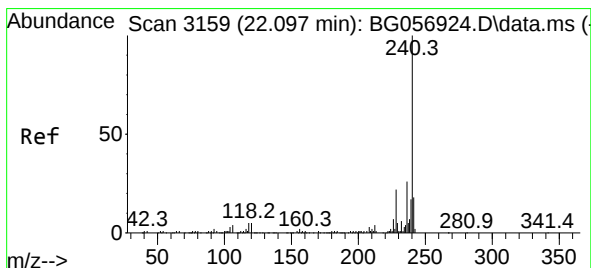
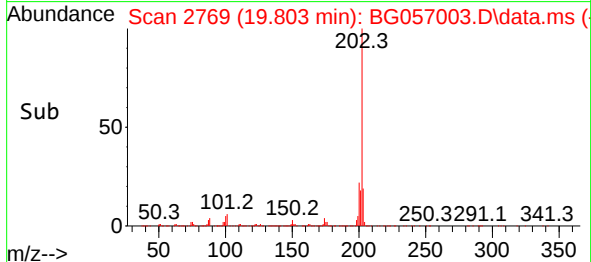
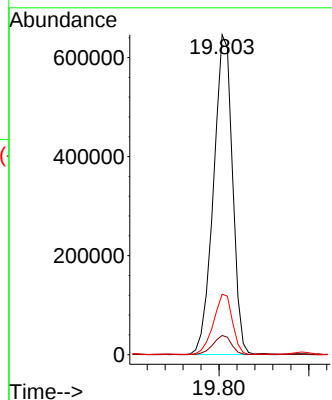
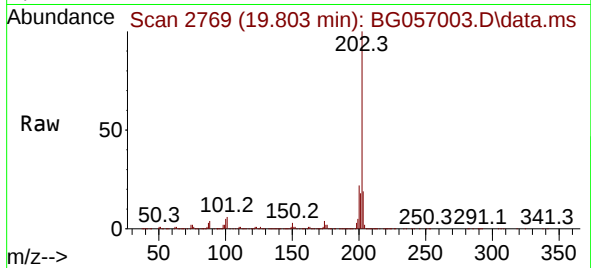




#75
Fluoranthene
Concen: 154.085 ng
RT: 19.803 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

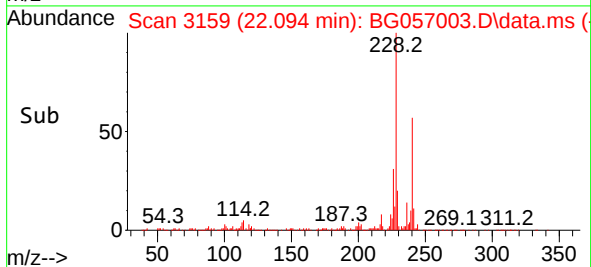
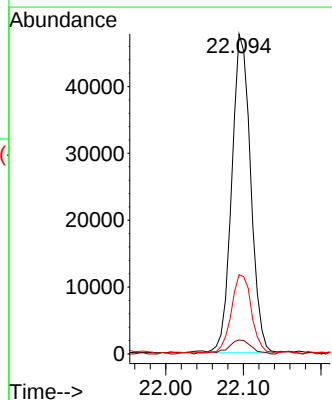
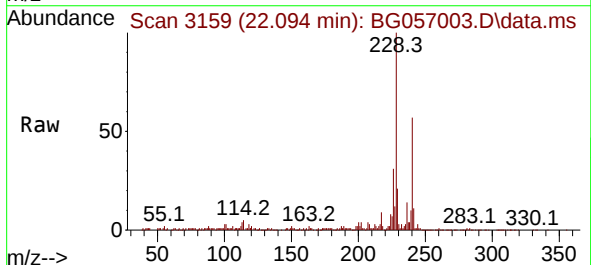
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

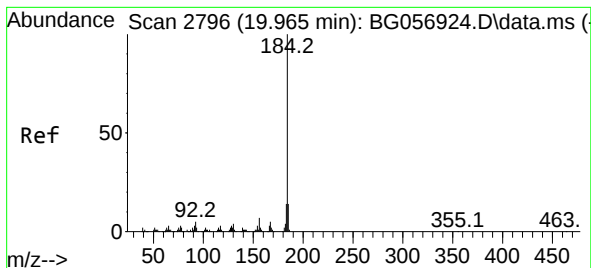
Tgt Ion:202 Resp: 944938
Ion Ratio Lower Upper
202 100
101 6.0 0.0 26.7
203 18.9 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.094 min Scan# 3159
Delta R.T. -0.001 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:240 Resp: 81122
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.6
236 24.8 21.0 31.6





#77

Benzidine

Concen: 19.991 ng

RT: 19.962 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

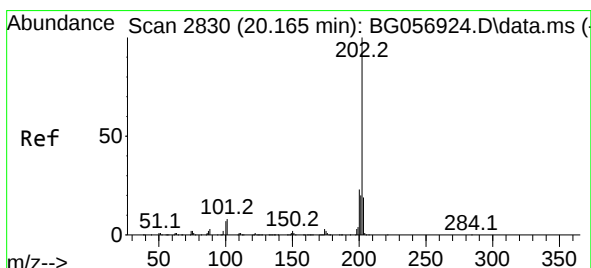
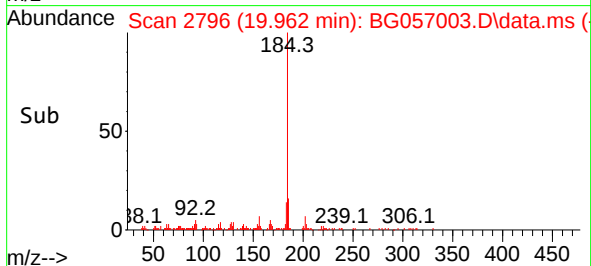
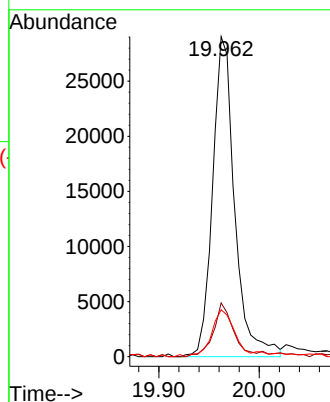
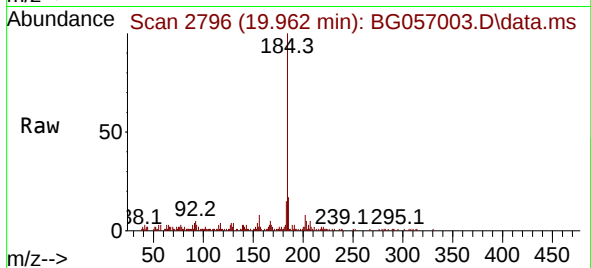
Tgt Ion:184 Resp: 44326

Ion Ratio Lower Upper

184 100

185 16.8 11.0 16.4#

183 14.7 11.4 17.0



#78

Pyrene

Concen: 153.793 ng

RT: 20.168 min Scan# 2831

Delta R.T. 0.011 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

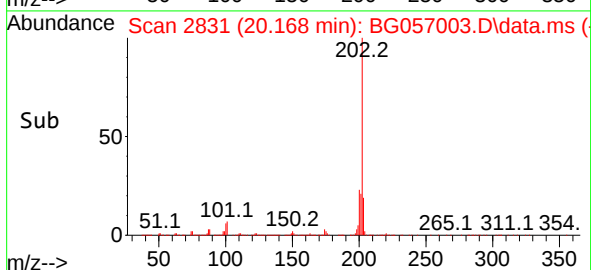
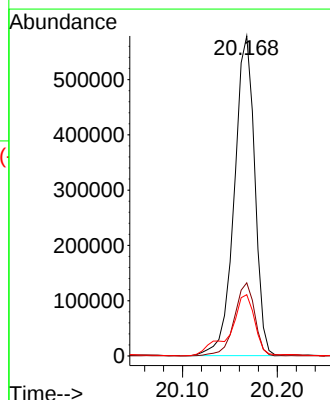
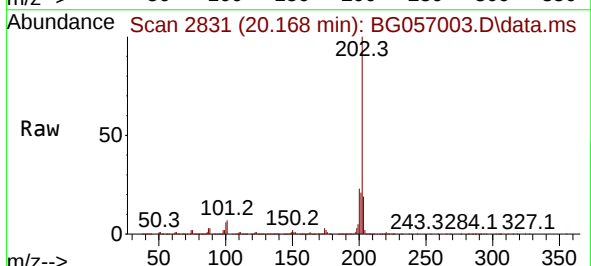
Tgt Ion:202 Resp: 862901

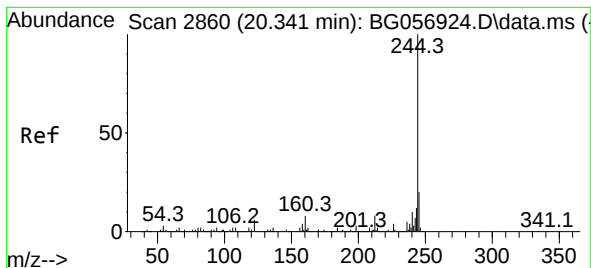
Ion Ratio Lower Upper

202 100

200 22.8 18.7 28.1

203 19.1 15.4 23.2





#79

Terphenyl-d14

Concen: 72.249 ng

RT: 20.338 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

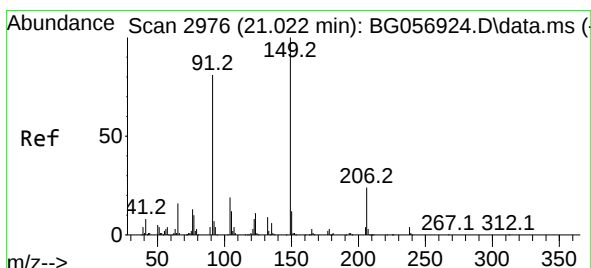
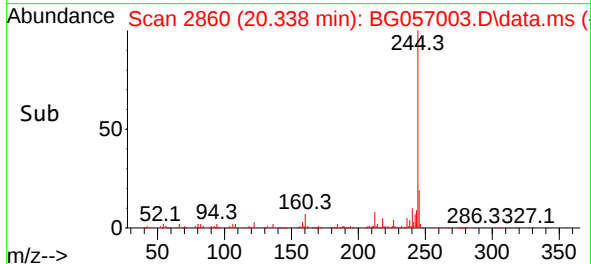
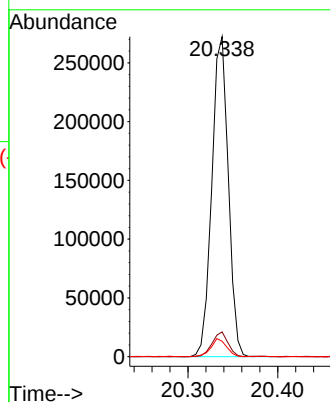
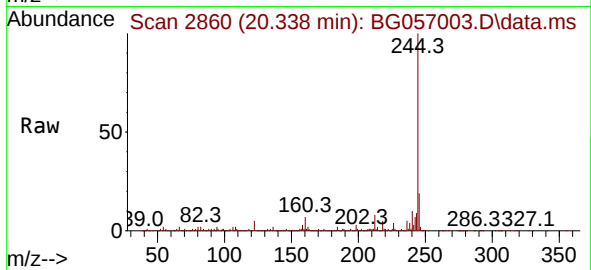
Tgt Ion:244 Resp: 346359

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 4.8 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 46.018 ng

RT: 21.019 min Scan# 2976

Delta R.T. 0.005 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

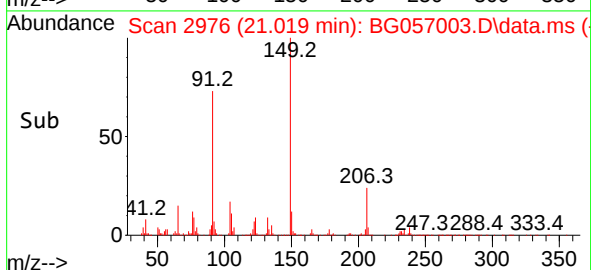
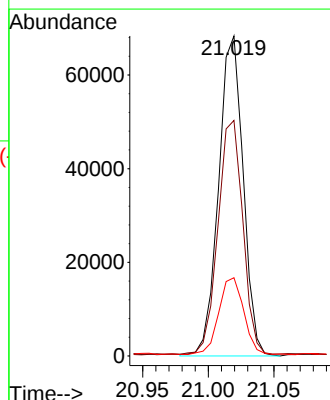
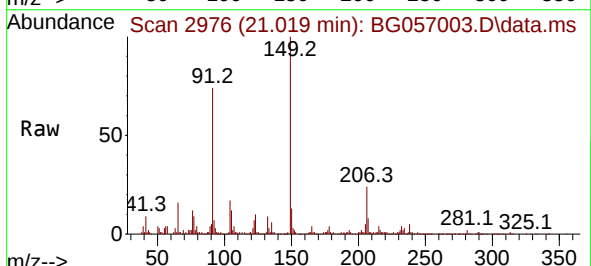
Tgt Ion:149 Resp: 88850

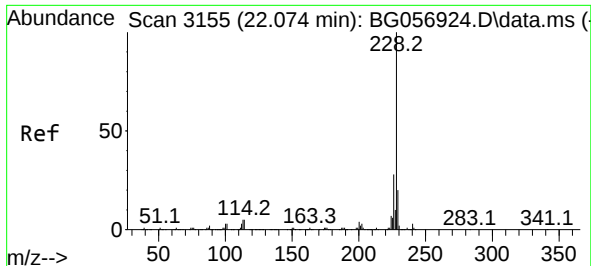
Ion Ratio Lower Upper

149 100

91 73.6 64.4 96.6

206 24.4 18.9 28.3

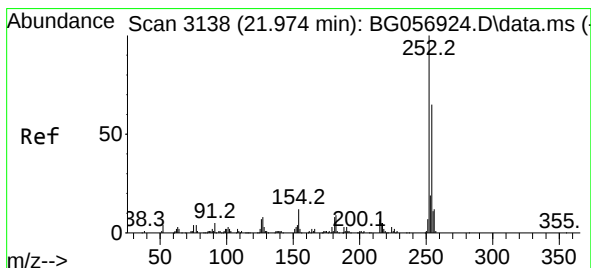
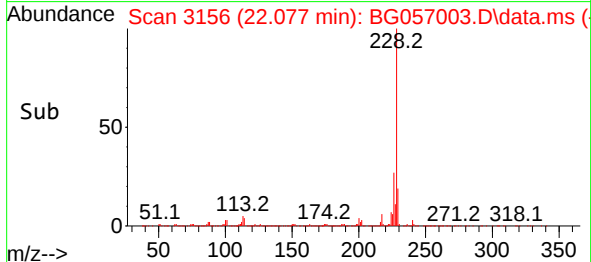
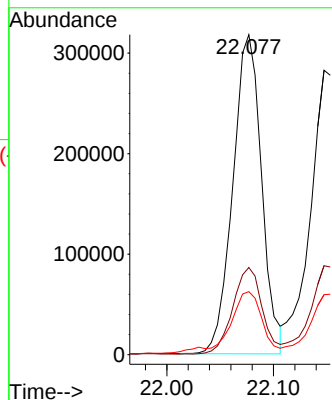
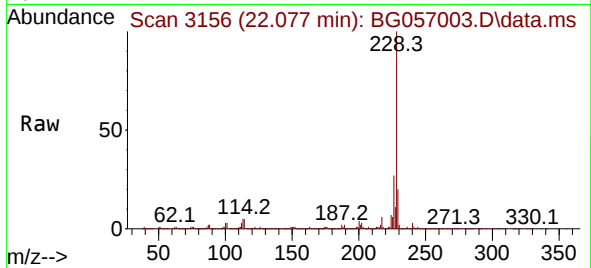




#81
Benzo(a)anthracene
Concen: 105.854 ng
RT: 22.077 min Scan# 3155
Delta R.T. 0.005 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

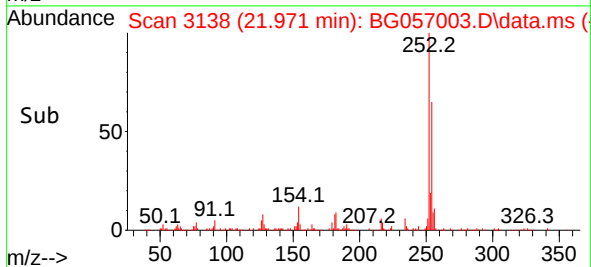
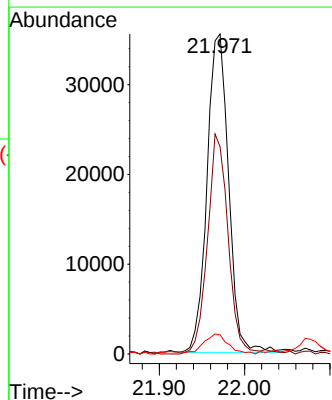
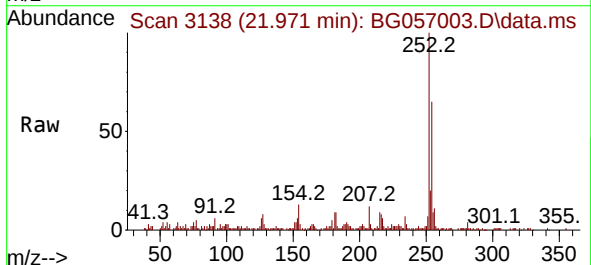
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

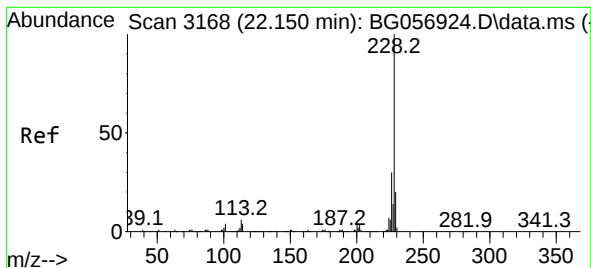
Tgt Ion:228 Resp: 594224
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 32.878 ng
RT: 21.971 min Scan# 3138
Delta R.T. 0.005 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:252 Resp: 62324
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 6.0 5.6 8.4





#83

Chrysene

Concen: 101.565 ng

RT: 22.147 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

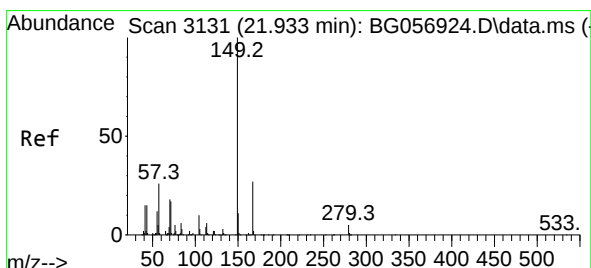
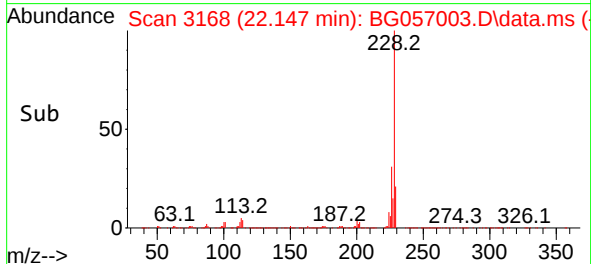
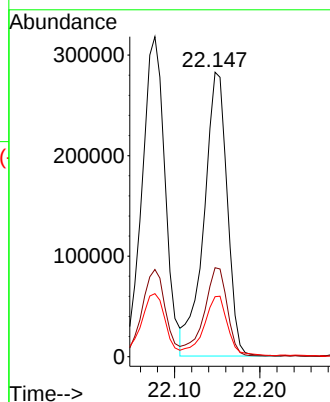
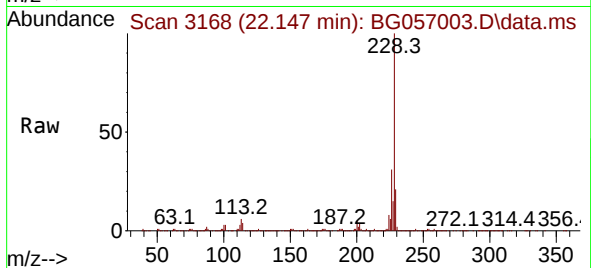
Tgt Ion:228 Resp: 533837

Ion Ratio Lower Upper

228 100

226 31.3 24.1 36.1

229 21.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.436 ng

RT: 21.924 min Scan# 3130

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

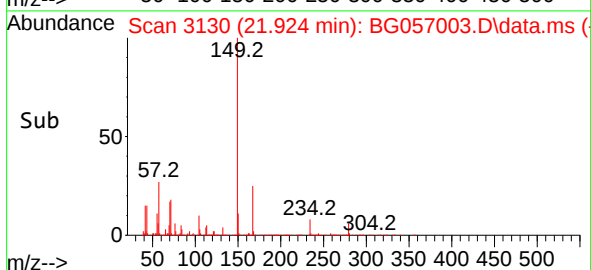
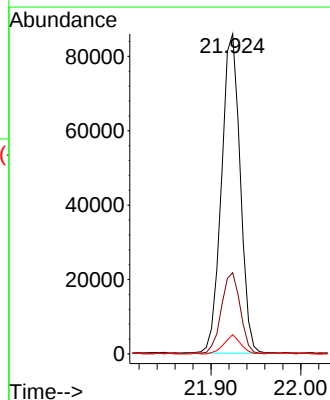
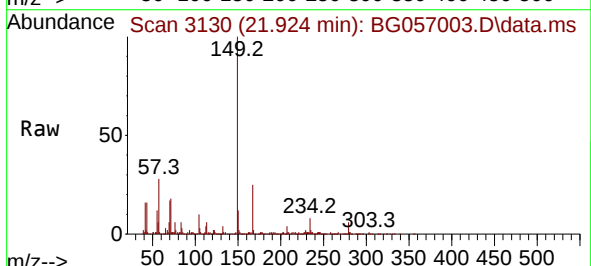
Tgt Ion:149 Resp: 124235

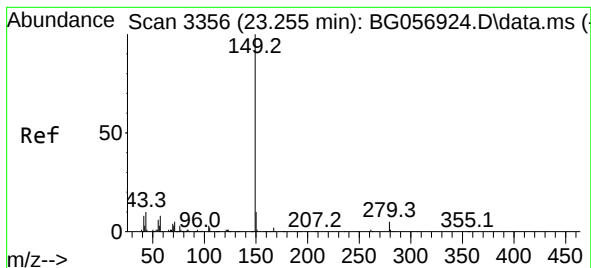
Ion Ratio Lower Upper

149 100

167 25.4 21.4 32.2

279 6.1 3.9 5.9#





#85

Di-n-octyl phthalate

Concen: 44.457 ng

RT: 23.240 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

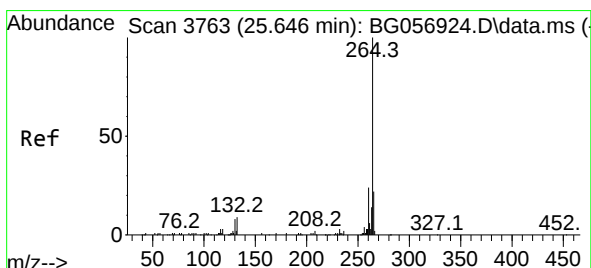
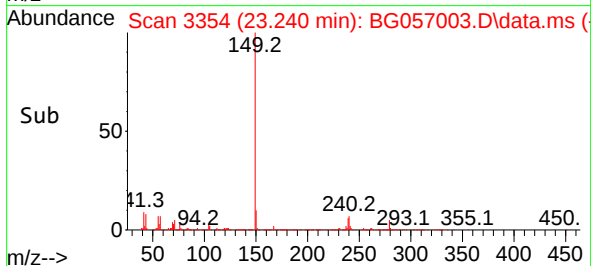
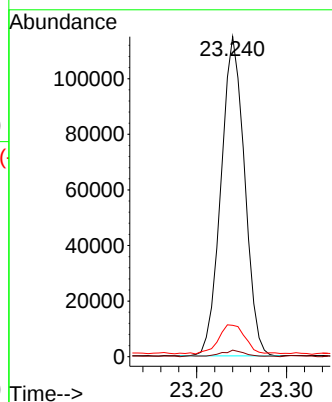
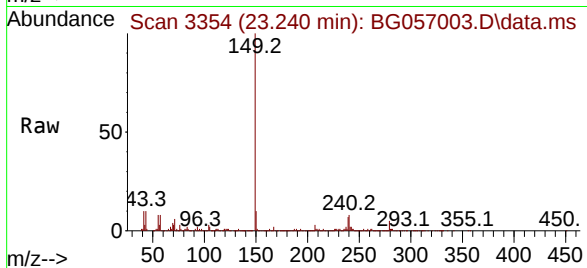
Tgt Ion:149 Resp: 209458

Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.648 min Scan# 3764

Delta R.T. 0.017 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

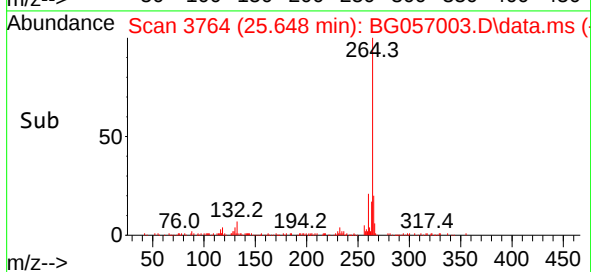
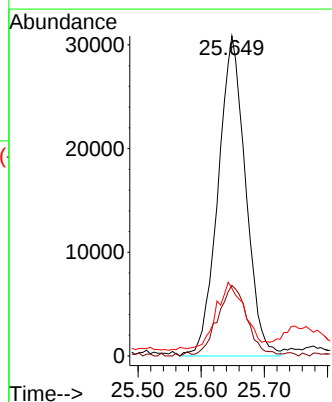
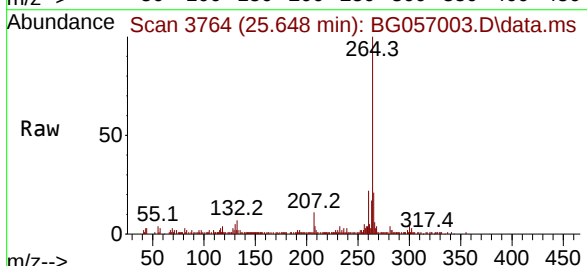
Tgt Ion:264 Resp: 93183

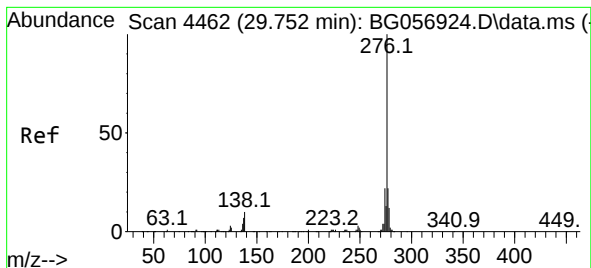
Ion Ratio Lower Upper

264 100

260 22.1 19.0 28.4

265 21.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 68.373 ng

RT: 29.772 min Scan# 4466

Delta R.T. 0.034 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

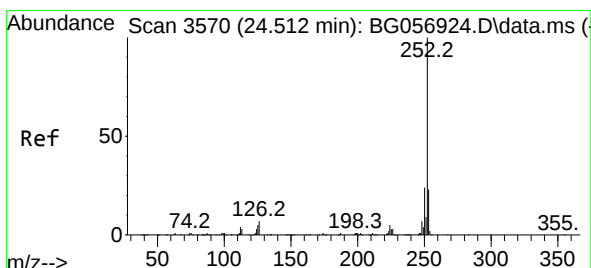
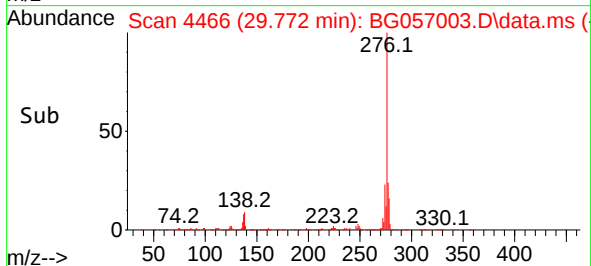
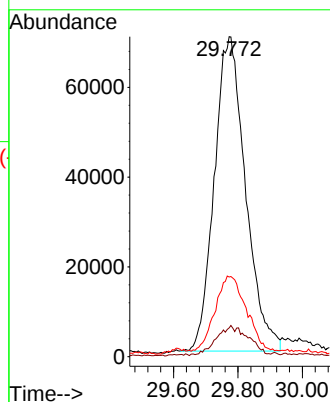
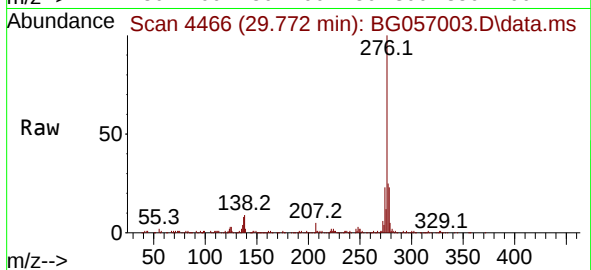
Tgt Ion:276 Resp: 470864

Ion Ratio Lower Upper

276 100

138 5.2 7.7 11.5#

277 24.5 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 114.117 ng

RT: 24.521 min Scan# 3572

Delta R.T. 0.017 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

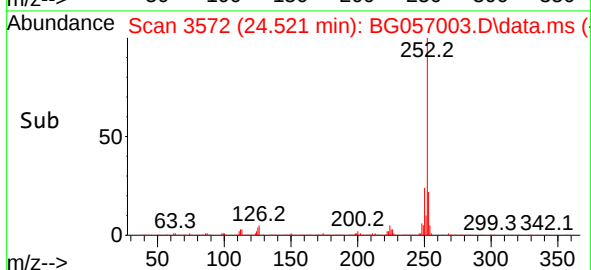
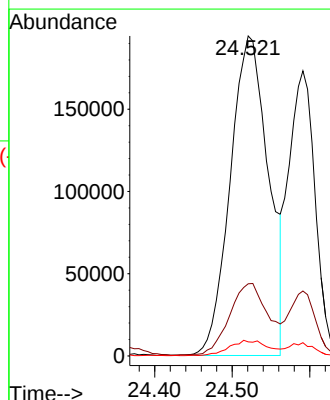
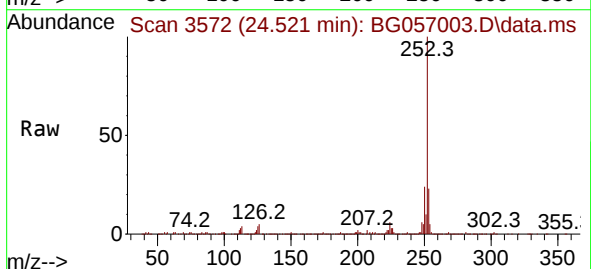
Tgt Ion:252 Resp: 664962

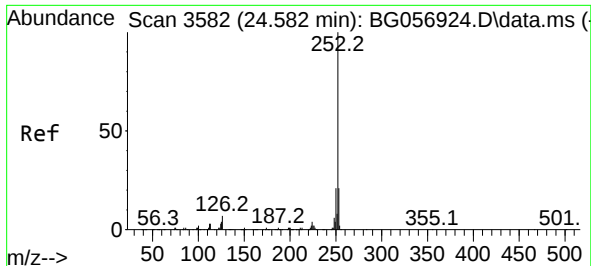
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 4.4 4.2 6.4

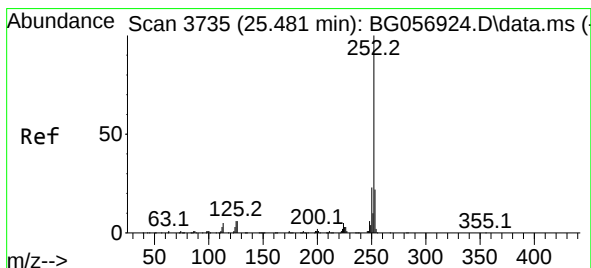
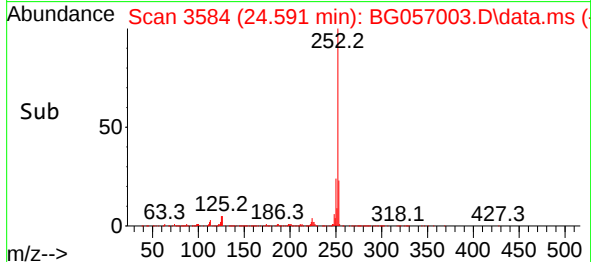
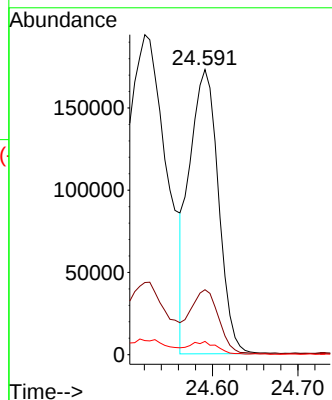
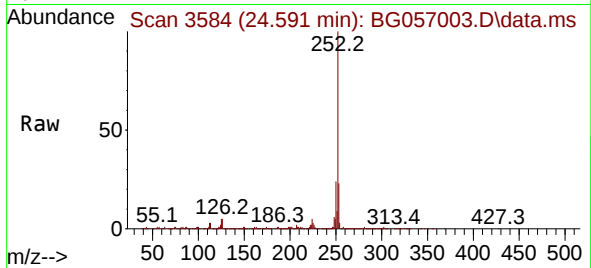




#89
Benzo(k)fluoranthene
Concen: 69.853 ng
RT: 24.591 min Scan# 31
Delta R.T. 0.017 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

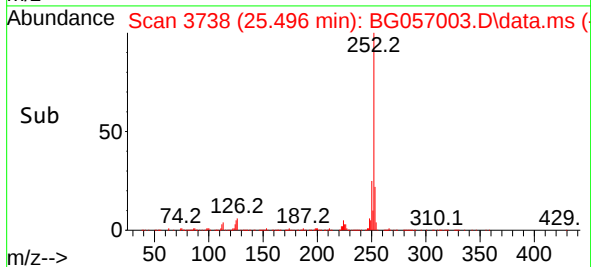
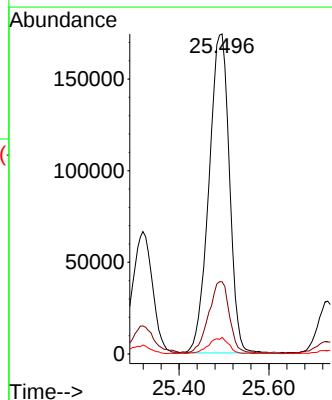
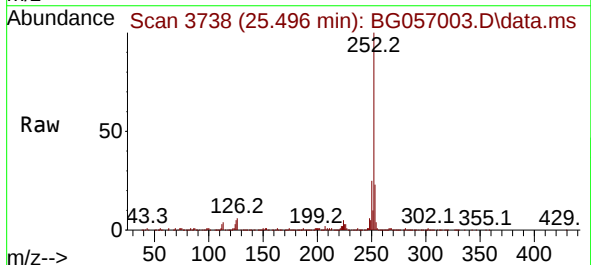
Instrument :
BNA_G
ClientSampleId :
RS-FMSD

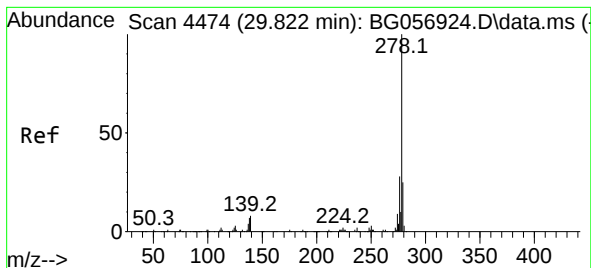
Tgt Ion:252 Resp: 406353
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 4.7 3.8 5.6



#90
Benzo(a)pyrene
Concen: 95.948 ng
RT: 25.496 min Scan# 3738
Delta R.T. 0.029 min
Lab File: BG057003.D
Acq: 5 Apr 2023 23:26

Tgt Ion:252 Resp: 549394
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 5.2 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 49.844 ng

RT: 29.825 min Scan# 4475

Delta R.T. 0.017 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Instrument :

BNA_G

ClientSampleId :

RS-FMSD

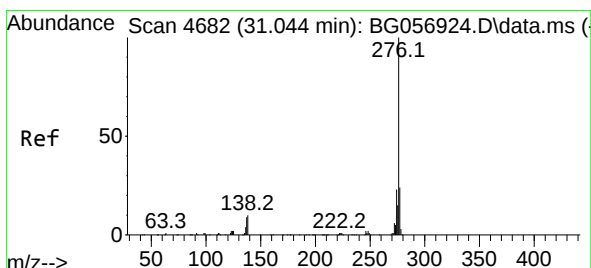
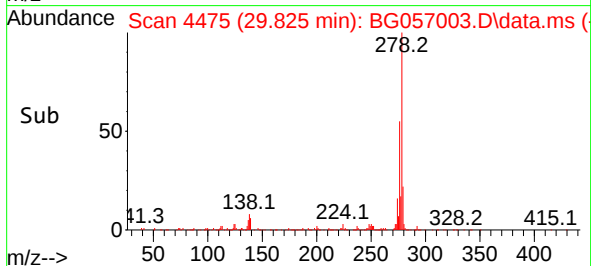
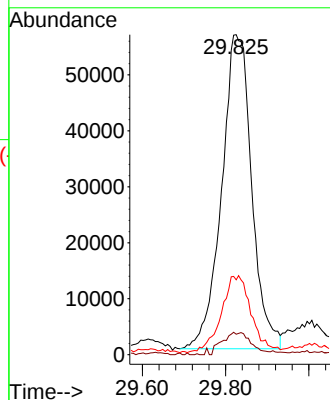
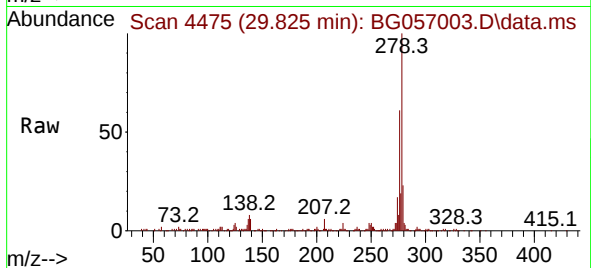
Tgt Ion:278 Resp: 282153

Ion Ratio Lower Upper

278 100

139 6.4 6.4 9.6

279 23.4 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 71.064 ng

RT: 31.065 min Scan# 4686

Delta R.T. 0.034 min

Lab File: BG057003.D

Acq: 5 Apr 2023 23:26

Tgt Ion:276 Resp: 393906

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 8.1 8.2 12.2#

