

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057810.D
 Acq On : 22 Jun 2023 15:09
 Operator : CG/JU
 Sample : 03302-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3MSD

Quant Time: Jun 22 16:08:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	33920	20.000	ng	-0.01
21) Naphthalene-d8	10.721	136	156548	20.000	ng	-0.01
39) Acenaphthene-d10	14.558	164	117783	20.000	ng	0.00
64) Phenanthrene-d10	17.302	188	287671	20.000	ng	0.00
76) Chrysene-d12	21.556	240	242294	20.000	ng	0.00
86) Perylene-d12	24.699	264	306774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	243291	110.593	ng	0.00
7) Phenol-d6	7.084	99	356937	106.336	ng	0.00
23) Nitrobenzene-d5	9.082	82	201335	66.007	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	177768	108.348	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	478779	61.654	ng	0.00
79) Terphenyl-d14	19.916	244	837128	64.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.395	88	38012	37.959	ng	93
3) Pyridine	3.788	79	103000	33.771	ng	92
4) n-Nitrosodimethylamine	3.706	42	54782	39.310	ng	96
6) Aniline	7.243	93	153404	35.692	ng	99
8) 2-Chlorophenol	7.484	128	121745	53.795	ng	96
9) Benzaldehyde	7.055	77	62416	29.572	ng	100
10) Phenol	7.108	94	175874	53.215	ng	96
11) bis(2-Chloroethyl)ether	7.343	93	111892	44.034	ng	95
12) 1,3-Dichlorobenzene	7.807	146	109558	47.569	ng	96
13) 1,4-Dichlorobenzene	7.954	146	111277	47.683	ng	95
14) 1,2-Dichlorobenzene	8.277	146	108305	47.963	ng	98
15) Benzyl Alcohol	8.160	79	121149	47.202	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.453	45	196244	40.203	ng	97
17) 2-Methylphenol	8.359	107	120559	49.596	ng	94
18) Hexachloroethane	9.006	117	39204	47.642	ng	89
19) n-Nitroso-di-n-propyla...	8.724	70	100029	42.744	ng	97
20) 3+4-Methylphenols	8.688	107	163463	48.683	ng	97
22) Acetophenone	8.741	105	197816	45.061	ng	95
24) Nitrobenzene	9.123	77	140586	44.285	ng	98
25) Isophorone	9.646	82	293318	42.091	ng	97
26) 2-Nitrophenol	9.834	139	62266	61.652	ng	98
27) 2,4-Dimethylphenol	9.893	122	127001	50.791	ng	100
28) bis(2-Chloroethoxy)met...	10.134	93	166778	44.440	ng	100
29) 2,4-Dichlorophenol	10.369	162	125686	52.932	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	123957	46.834	ng	99
31) Naphthalene	10.774	128	366689	44.010	ng	99
32) Benzoic acid	10.028	122	107792	58.551	ng	95
33) 4-Chloroaniline	10.880	127	85029	22.025	ng	99
34) Hexachlorobutadiene	11.062	225	73669	45.622	ng	97
35) Caprolactam	11.661	113	31499	32.691	ng	# 81
36) 4-Chloro-3-methylphenol	12.002	107	158448	51.094	ng	99
37) 2-Methylnaphthalene	12.384	142	268142	44.152	ng	98
38) 1-Methylnaphthalene	12.601	142	253595	44.235	ng	99
40) 1,2,4,5-Tetrachloroben...	12.748	216	147651	45.219	ng	98
41) Hexachlorocyclopentadiene	12.731	237	184259	106.291	ng	99
43) 2,4,6-Trichlorophenol	12.989	196	117109	50.089	ng	98

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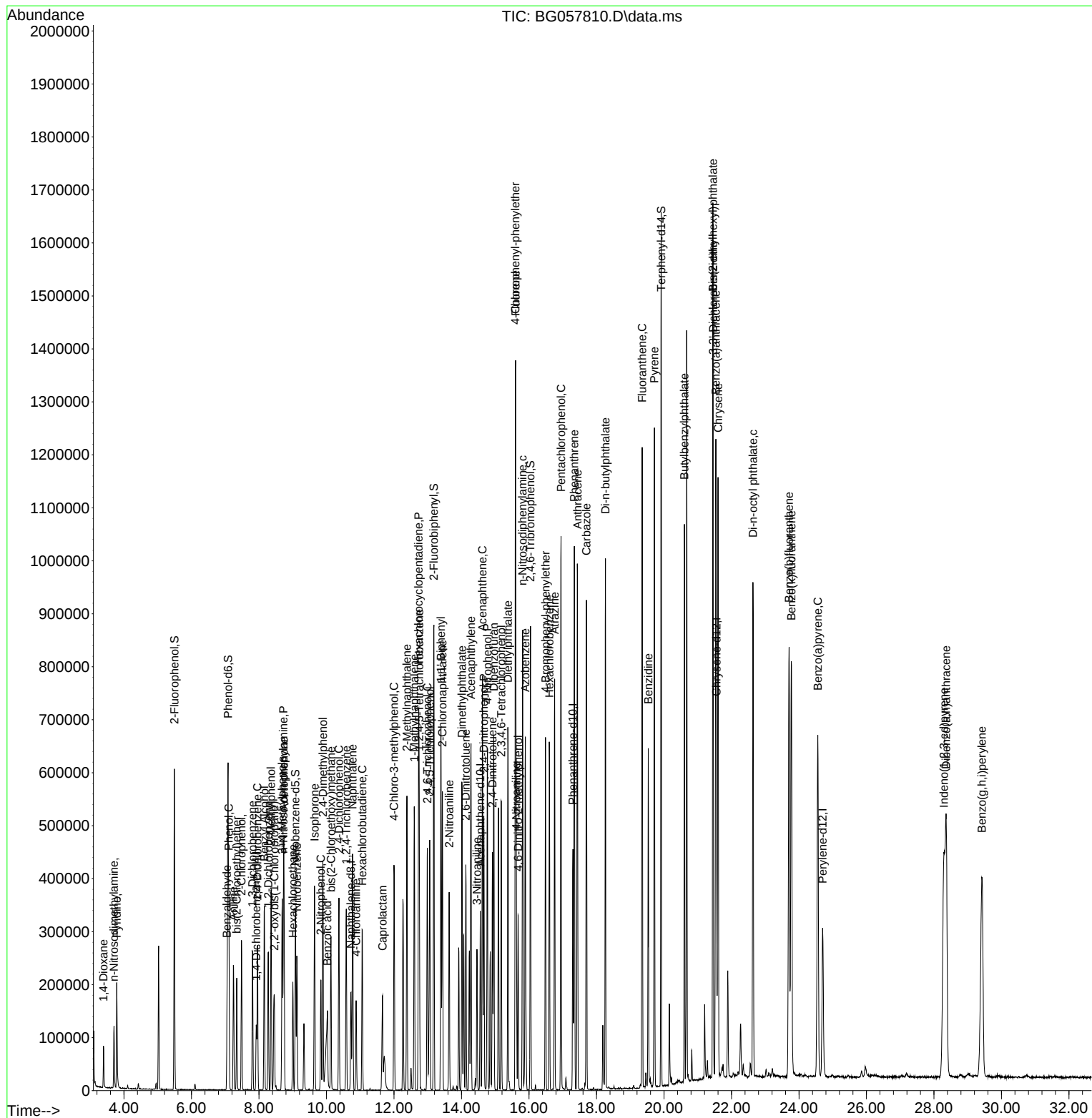
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.060	196	131376	48.206	ng	96
46) 1,1'-Biphenyl	13.395	154	364863	45.115	ng	97
47) 2-Chloronaphthalene	13.436	162	287224	46.229	ng	98
48) 2-Nitroaniline	13.635	65	112755	51.068	ng	97
49) Acenaphthylene	14.282	152	480270	45.035	ng	99
50) Dimethylphthalate	14.011	163	395779	43.750	ng	100
51) 2,6-Dinitrotoluene	14.129	165	87612	52.592	ng	95
52) Acenaphthene	14.623	154	278622	42.203	ng	98
53) 3-Nitroaniline	14.458	138	64132	34.161	ng	91
54) 2,4-Dinitrophenol	14.664	184	106495	117.417	ng	97
55) Dibenzofuran	14.957	168	472847	44.543	ng	99
56) 4-Nitrophenol	14.769	139	160868	107.823	ng	95
57) 2,4-Dinitrotoluene	14.916	165	125838	55.704	ng	94
58) Fluorene	15.604	166	376738	44.833	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.181	232	118932	51.207	ng	99
60) Diethylphthalate	15.375	149	407923	43.953	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	203528	45.552	ng	96
62) 4-Nitroaniline	15.627	138	92956	48.569	ng	99
63) Azobenzene	15.892	77	433151	45.626	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	75479	56.107	ng	93
66) n-Nitrosodiphenylamine	15.809	169	340876	44.896	ng	98
67) 4-Bromophenyl-phenylether	16.491	248	137173	44.962	ng	94
68) Hexachlorobenzene	16.603	284	153660	49.406	ng	97
69) Atrazine	16.761	200	142392	54.634	ng	97
70) Pentachlorophenol	16.949	266	207629	90.364	ng	98
71) Phenanthrene	17.343	178	625961	44.941	ng	100
72) Anthracene	17.437	178	635092	44.653	ng	99
73) Carbazole	17.701	167	602057	45.910	ng	98
74) Di-n-butylphthalate	18.265	149	716605	46.150	ng	99
75) Fluoranthene	19.352	202	744019	44.839	ng	100
77) Benzidine	19.534	184	365982	64.438	ng	99
78) Pyrene	19.717	202	759883	43.964	ng	98
80) Butylbenzylphthalate	20.604	149	317927	48.354	ng	98
81) Benzo(a)anthracene	21.538	228	758845	45.649	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	184215	32.581	ng	99
83) Chrysene	21.603	228	707279	44.334	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	448336	46.965	ng	98
85) Di-n-octyl phthalate	22.637	149	809091	48.322	ng	97
87) Indeno(1,2,3-cd)pyrene	28.295	276	943709	47.051	ng	# 94
88) Benzo(b)fluoranthene	23.706	252	800751	47.633	ng	98
89) Benzo(k)fluoranthene	23.776	252	795117	46.440	ng	100
90) Benzo(a)pyrene	24.558	252	717349	43.450	ng	99
91) Dibenzo(a,h)anthracene	28.359	278	788579	47.385	ng	99
92) Benzo(g,h,i)perylene	29.417	276	774400	46.474	ng	99

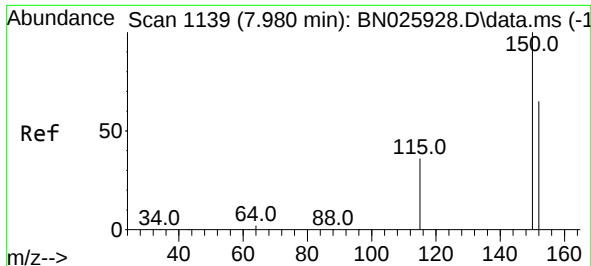
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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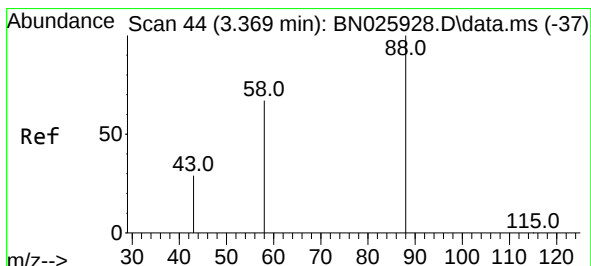
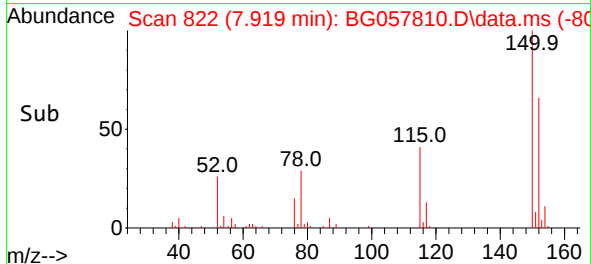
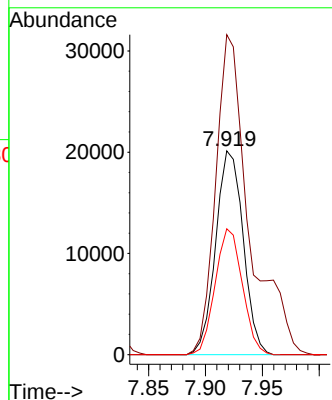
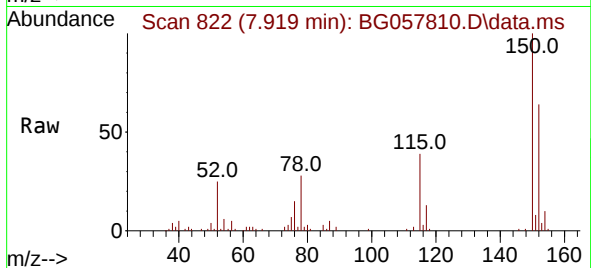




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057810.D
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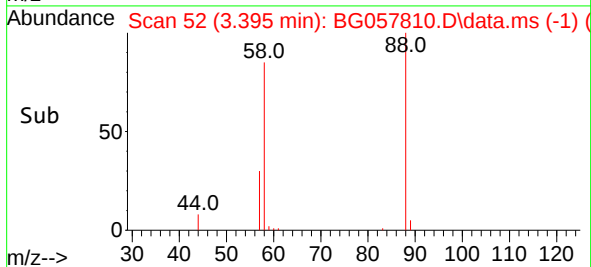
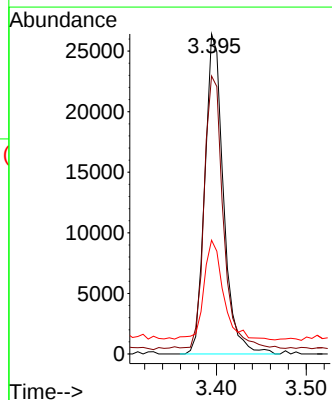
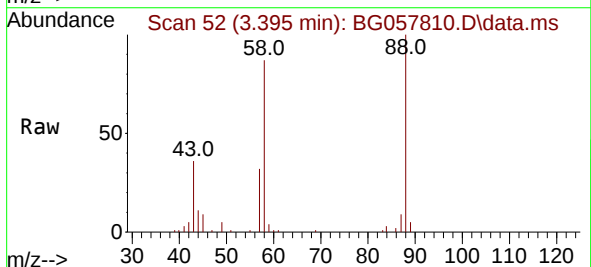
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

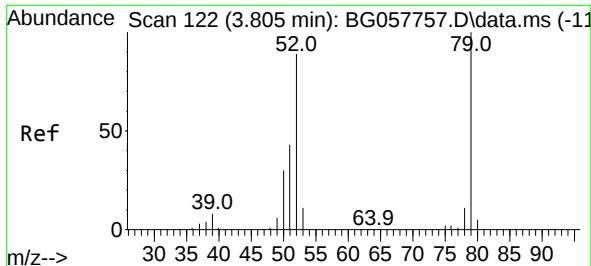
Tgt Ion:152 Resp: 33920
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 61.7 48.9 73.3



#2
1,4-Dioxane
Concen: 37.959 ng
RT: 3.395 min Scan# 52
Delta R.T. -0.016 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion: 88 Resp: 38012
Ion Ratio Lower Upper
88 100
58 86.8 76.2 114.4
43 32.5 26.3 39.5





#3

Pyridine

Concen: 33.771 ng

RT: 3.788 min Scan# 11

Delta R.T. -0.017 min

Lab File: BG057810.D

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Instrument :

BNA_G

ClientSampleId :

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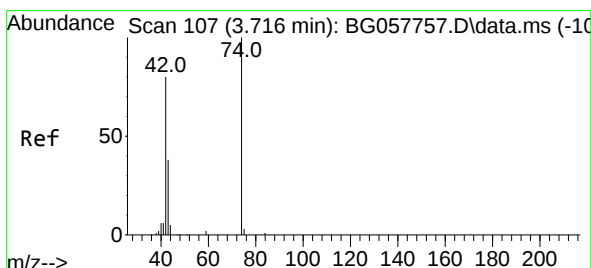
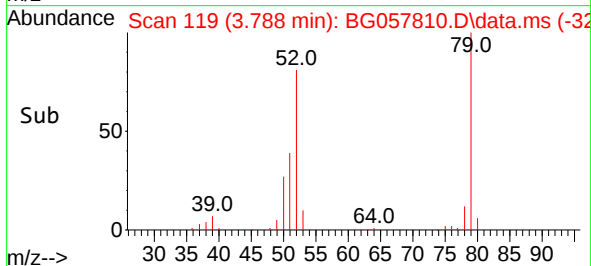
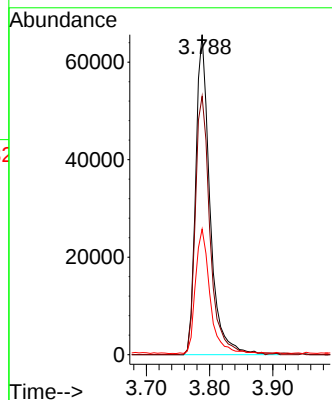
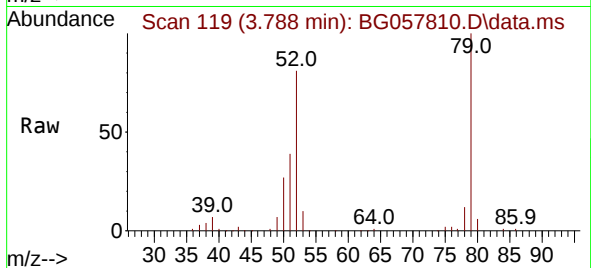
Tgt Ion: 79 Resp: 103000

Ion Ratio Lower Upper

79 100

52 80.7 71.4 107.0

51 39.3 34.9 52.3



#4

n-Nitrosodimethylamine

Concen: 39.310 ng

RT: 3.706 min Scan# 105

Delta R.T. -0.010 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

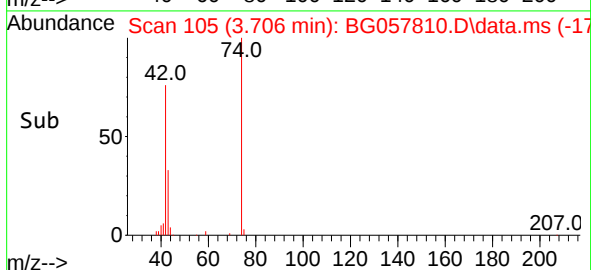
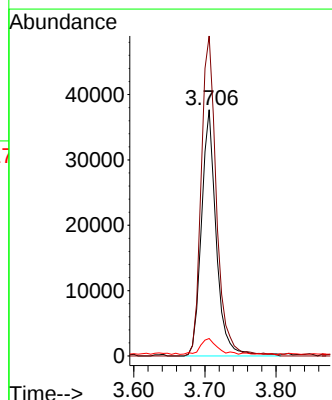
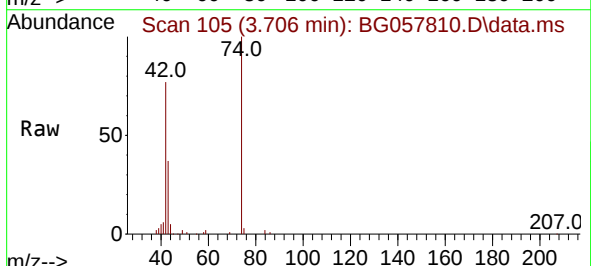
Tgt Ion: 42 Resp: 54782

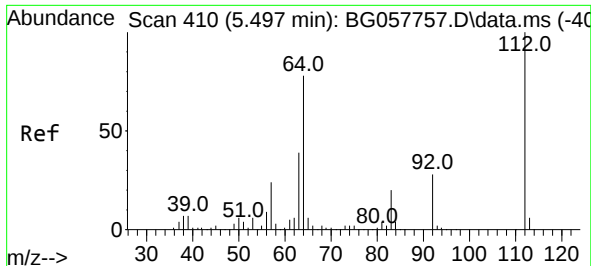
Ion Ratio Lower Upper

42 100

74 130.0 99.9 149.9

44 7.1 6.0 9.0

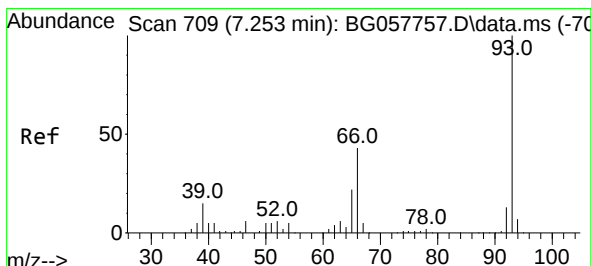
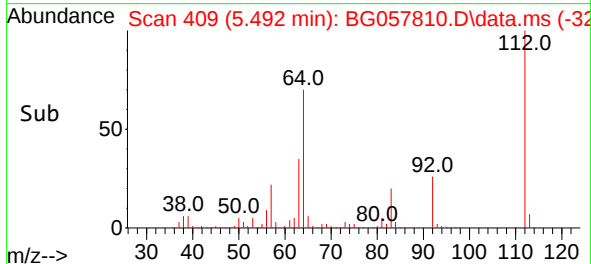
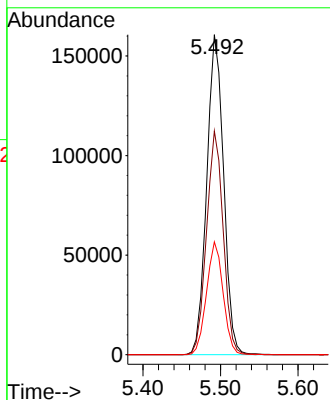
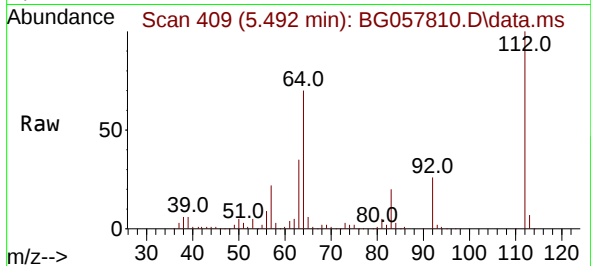




#5
2-Fluorophenol
Concen: 110.593 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

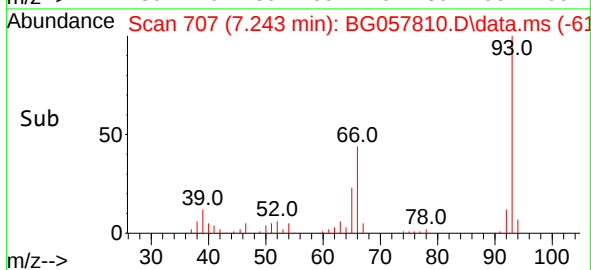
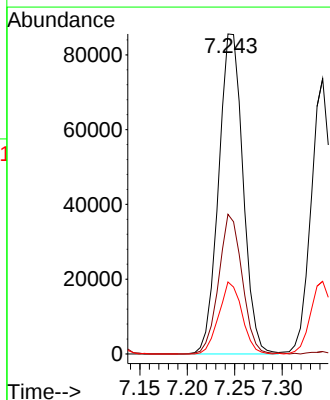
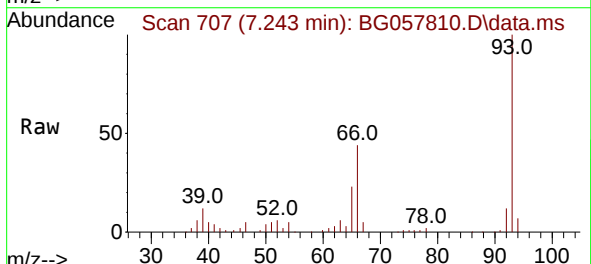
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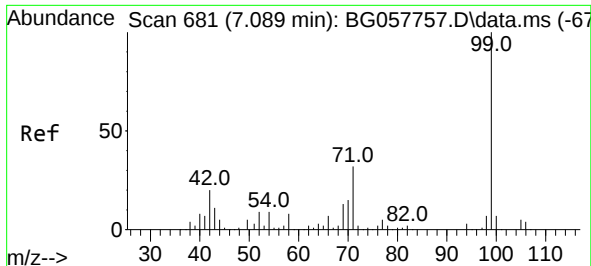
Tgt Ion:112 Resp: 243291
Ion Ratio Lower Upper
112 100
64 69.9 62.1 93.1
63 35.2 31.5 47.3



#6
Aniline
Concen: 35.692 ng
RT: 7.243 min Scan# 707
Delta R.T. -0.010 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion: 93 Resp: 153404
Ion Ratio Lower Upper
93 100
66 43.7 34.5 51.7
65 22.5 17.4 26.2

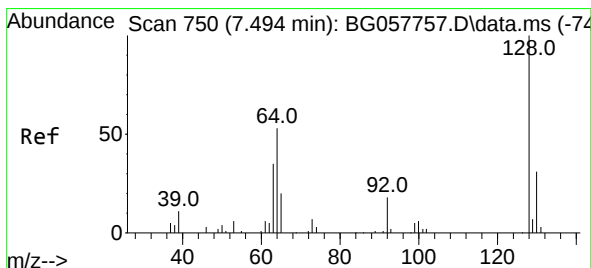
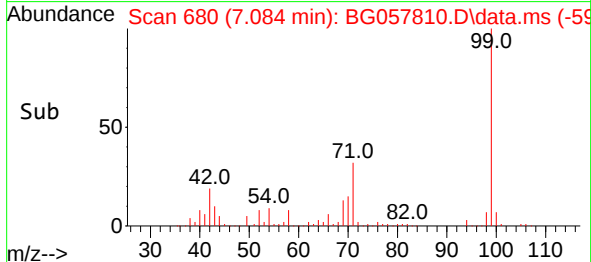
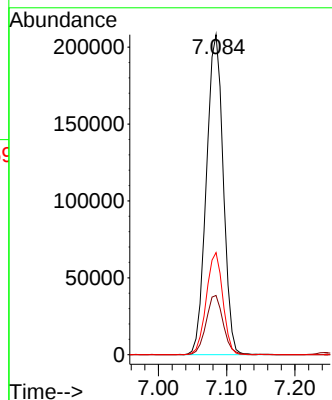
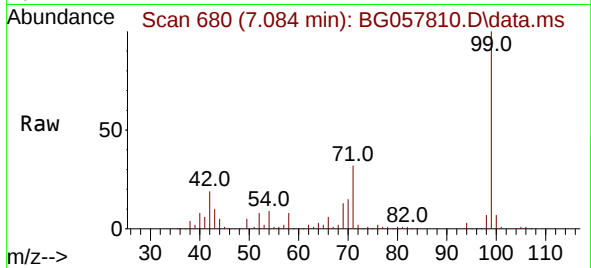




#7
Phenol-d6
Concen: 106.336 ng
RT: 7.084 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG057810.D
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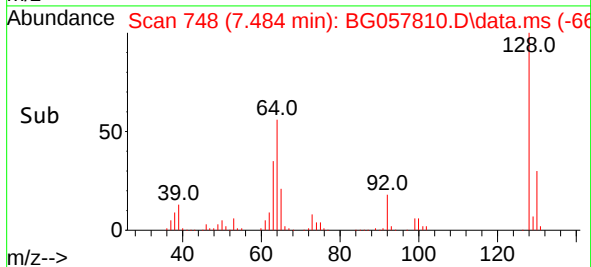
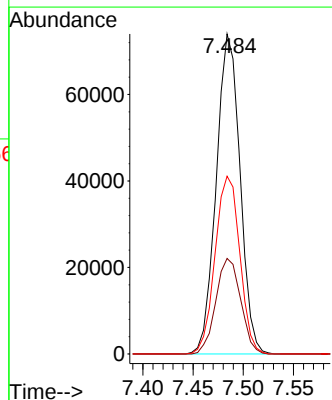
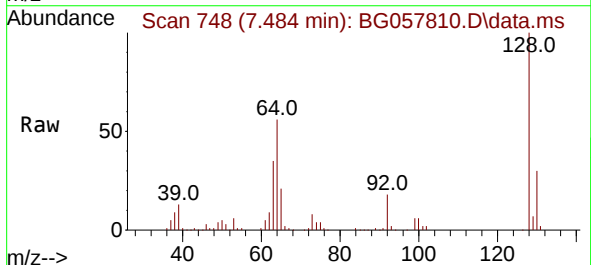
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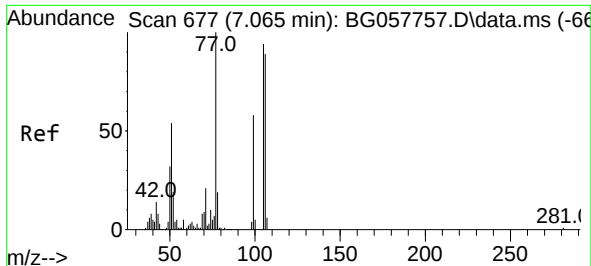
Tgt Ion: 99 Resp: 356937
Ion Ratio Lower Upper
99 100
42 18.5 16.4 24.6
71 31.9 25.8 38.6



#8
2-Chlorophenol
Concen: 53.795 ng
RT: 7.484 min Scan# 748
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:128 Resp: 121745
Ion Ratio Lower Upper
128 100
130 29.8 10.6 50.6
64 55.6 39.1 79.1

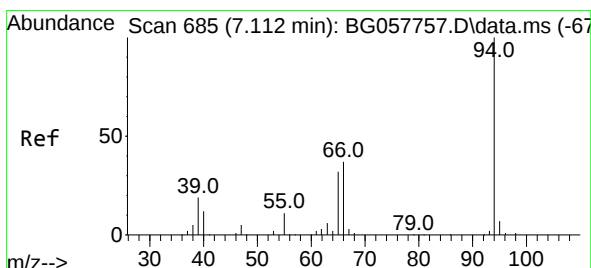
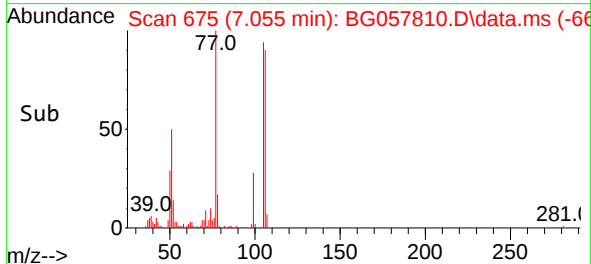
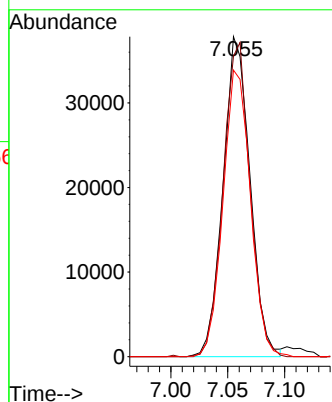
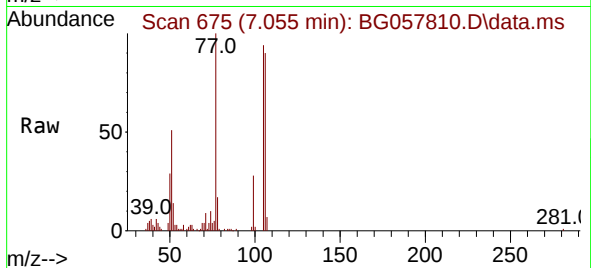




#9
Benzaldehyde
Concen: 29.572 ng
RT: 7.055 min Scan# 61
Delta R.T. -0.010 min
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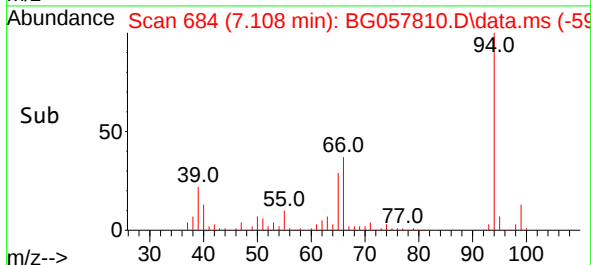
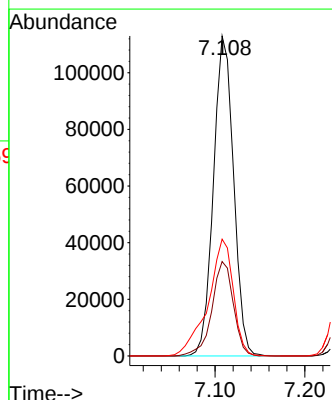
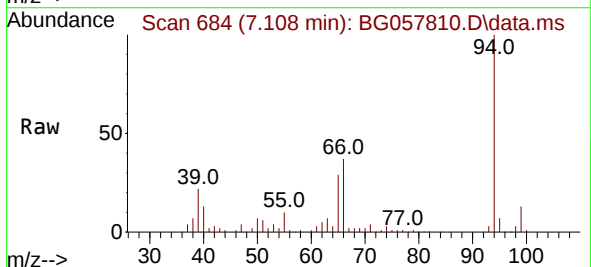
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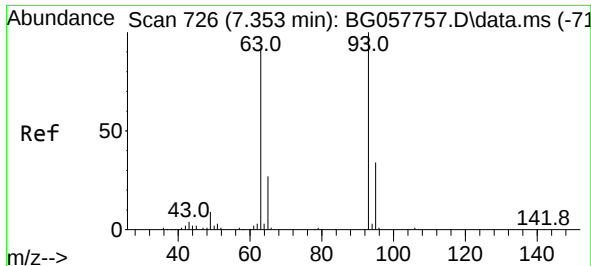
Tgt Ion: 77 Resp: 62416
Ion Ratio Lower Upper
77 100
105 93.9 73.7 113.7
106 89.6 69.0 109.0



#10
Phenol
Concen: 53.215 ng
RT: 7.108 min Scan# 684
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion: 94 Resp: 175874
Ion Ratio Lower Upper
94 100
65 29.5 12.2 52.2
66 36.5 18.3 58.3

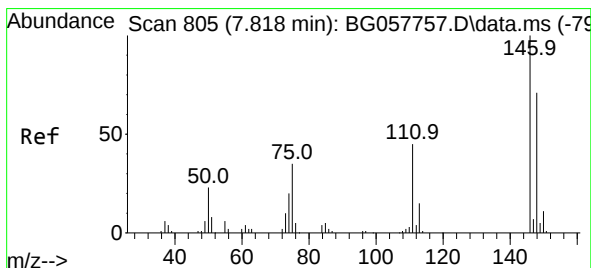
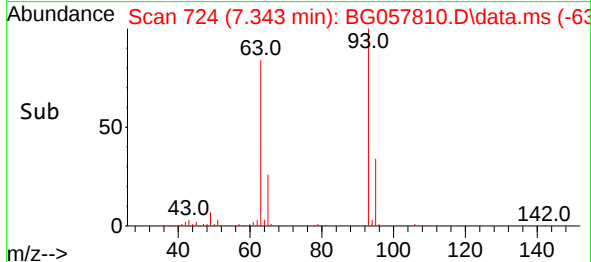
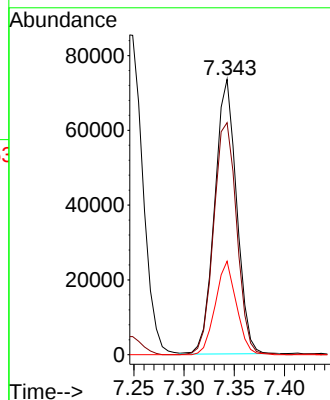
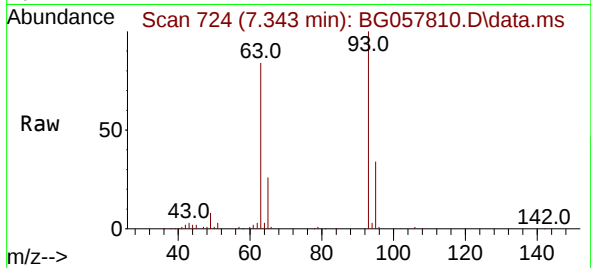




#11
bis(2-Chloroethyl)ether
Concen: 44.034 ng
RT: 7.343 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

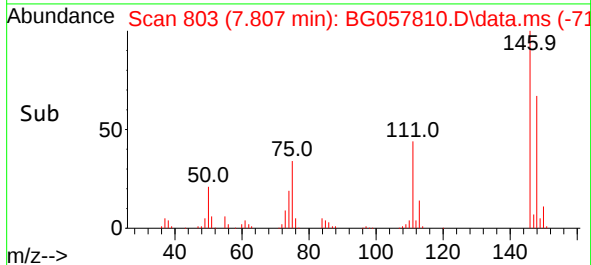
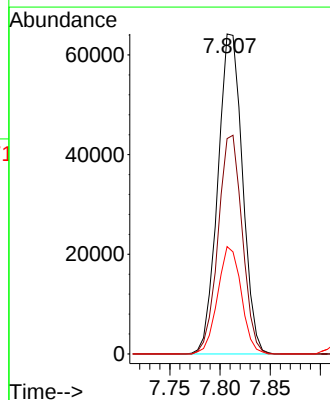
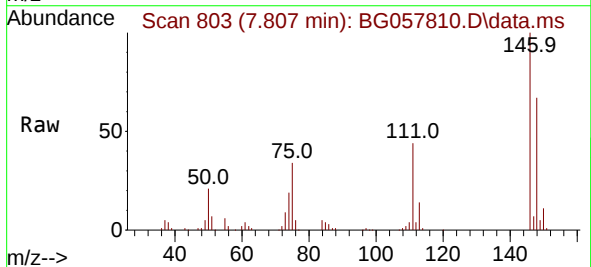
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

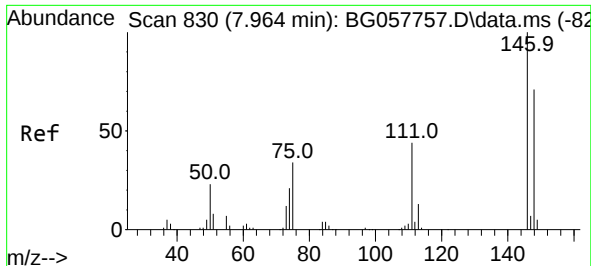
Tgt Ion: 93 Resp: 111892
Ion Ratio Lower Upper
93 100
63 84.2 71.2 111.2
95 33.9 14.2 54.2



#12
1,3-Dichlorobenzene
Concen: 47.569 ng
RT: 7.807 min Scan# 803
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:146 Resp: 109558
Ion Ratio Lower Upper
146 100
148 67.3 57.0 85.6
75 33.6 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 47.683 ng

RT: 7.954 min Scan# 81

Delta R.T. -0.011 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

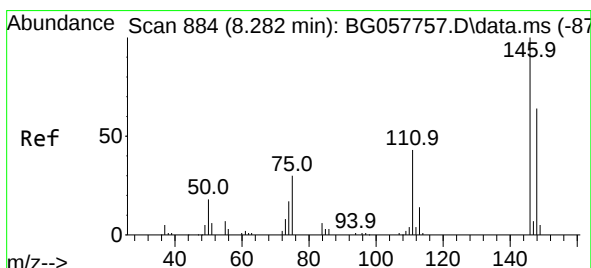
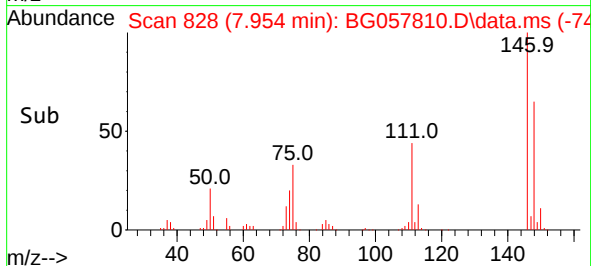
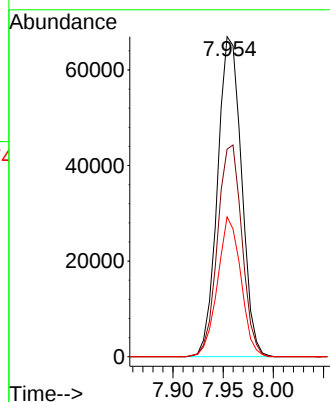
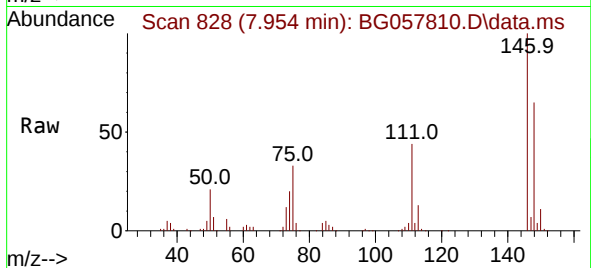
Tgt Ion:146 Resp: 111277

Ion Ratio Lower Upper

146 100

148 64.9 57.0 85.4

111 43.7 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.963 ng

RT: 8.277 min Scan# 883

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

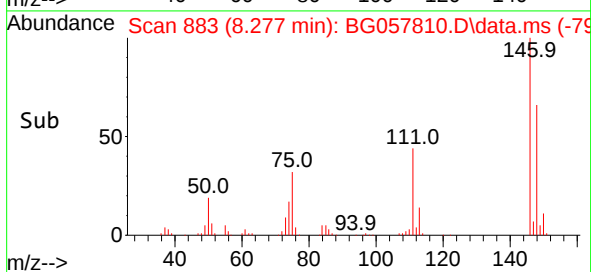
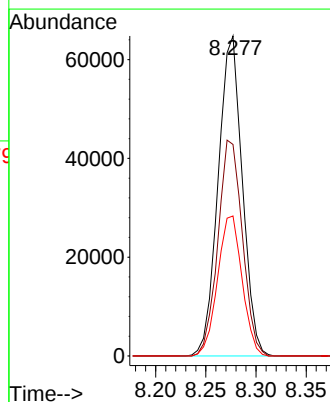
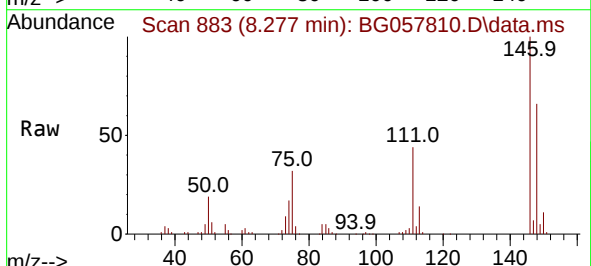
Tgt Ion:146 Resp: 108305

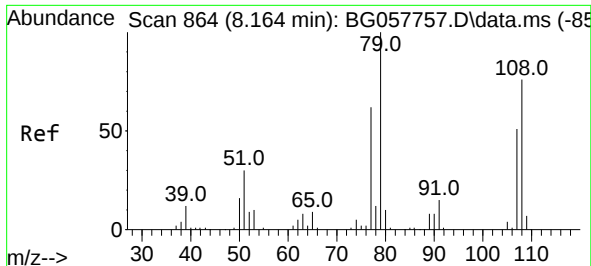
Ion Ratio Lower Upper

146 100

148 66.1 51.0 76.6

111 43.8 34.9 52.3

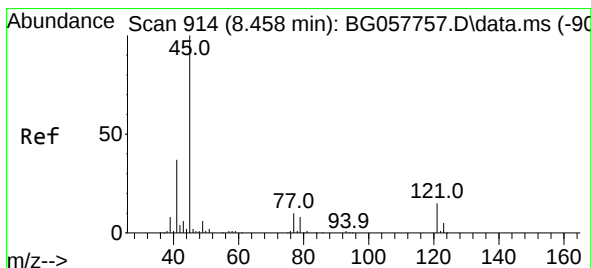
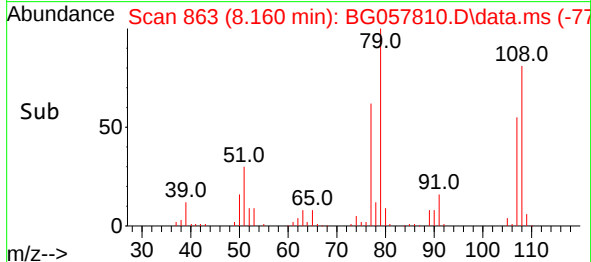
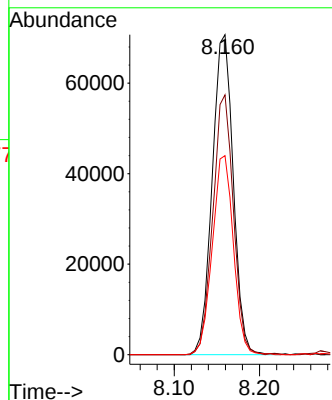
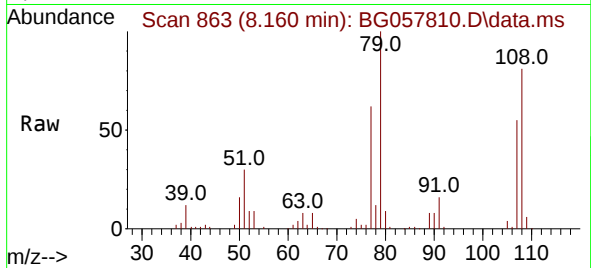




#15
Benzyl Alcohol
Concen: 47.202 ng
RT: 8.160 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

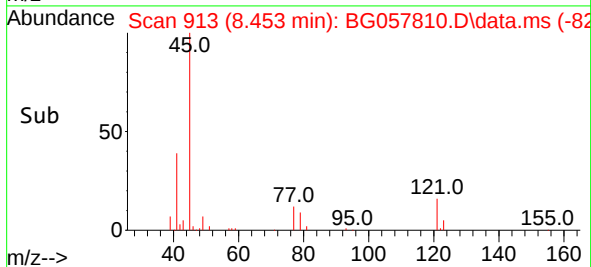
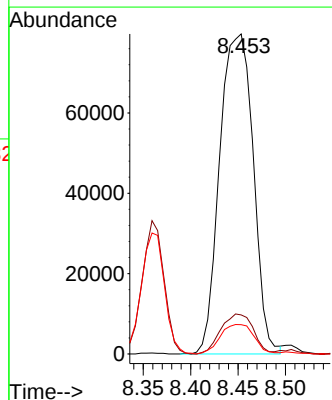
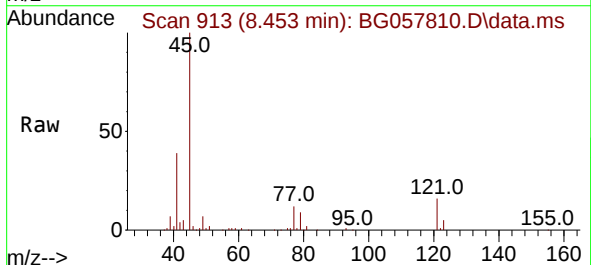
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

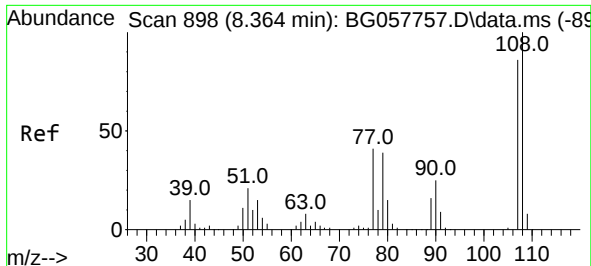
Tgt Ion: 79 Resp: 121149
Ion Ratio Lower Upper
79 100
108 81.2 60.5 90.7
77 62.2 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.203 ng
RT: 8.453 min Scan# 913
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion: 45 Resp: 196244
Ion Ratio Lower Upper
45 100
77 12.2 0.0 30.6
79 9.2 0.0 28.3

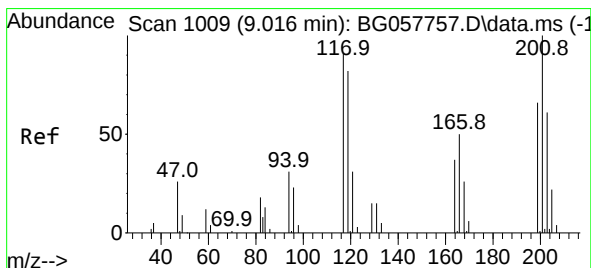
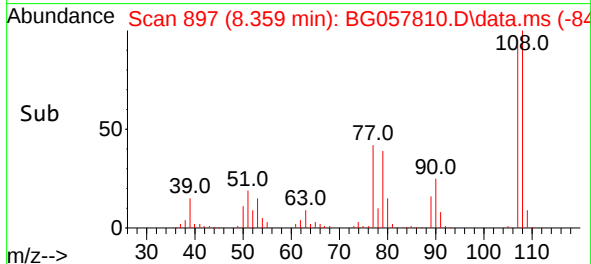
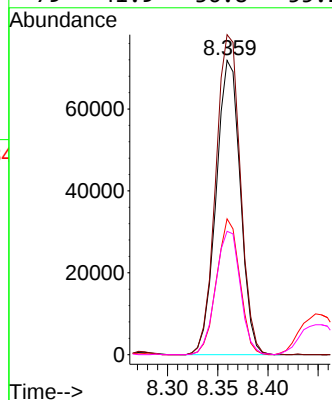
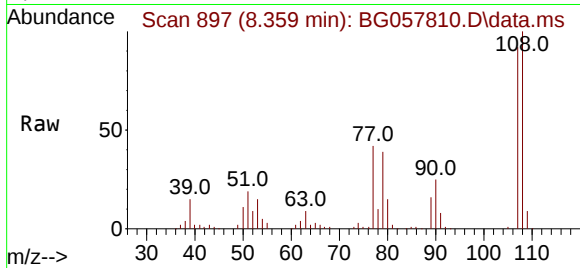




#17
2-Methylphenol
Concen: 49.596 ng
RT: 8.359 min Scan# 89
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

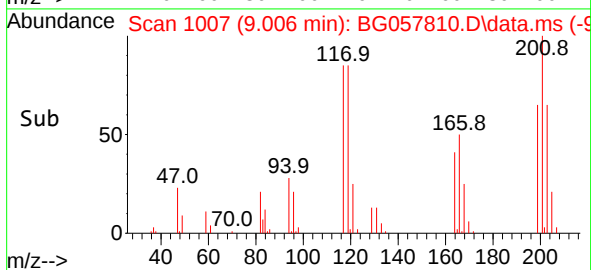
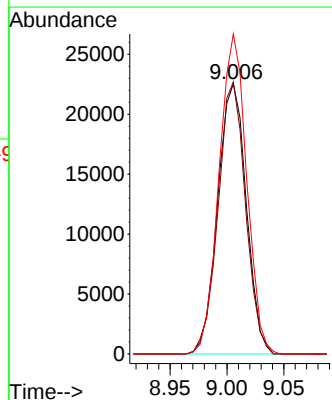
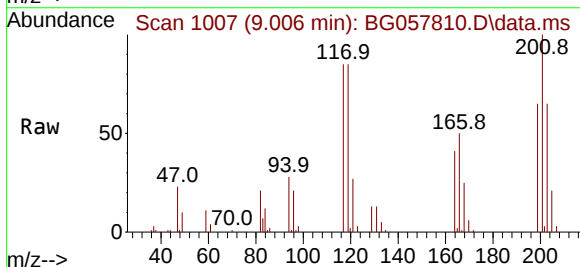
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

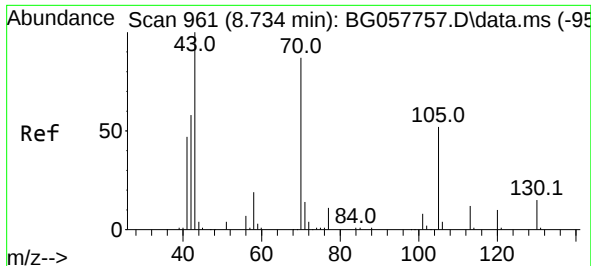
Tgt Ion:	107	Resp:	120559
Ion	Ratio	Lower	Upper
107	100		
108	108.7	93.2	139.8
77	46.1	37.8	56.8
79	41.9	36.8	55.2



#18
Hexachloroethane
Concen: 47.642 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:	117	Resp:	39204
Ion	Ratio	Lower	Upper
117	100		
119	100.6	72.3	108.5
201	121.6	87.8	131.8

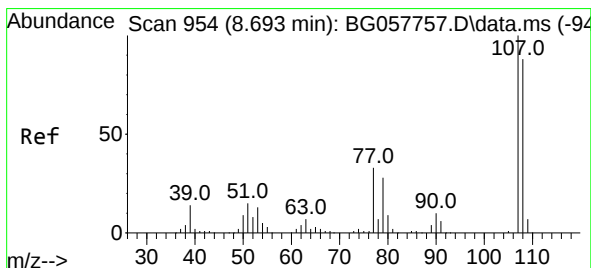
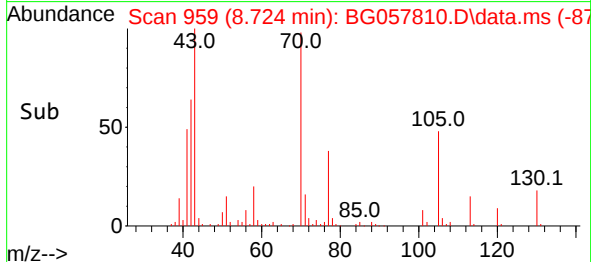
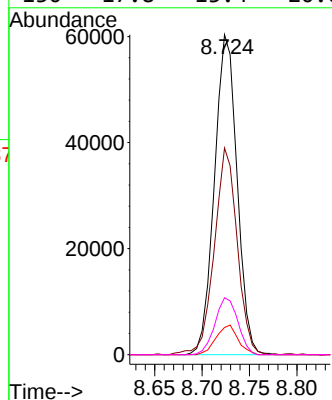
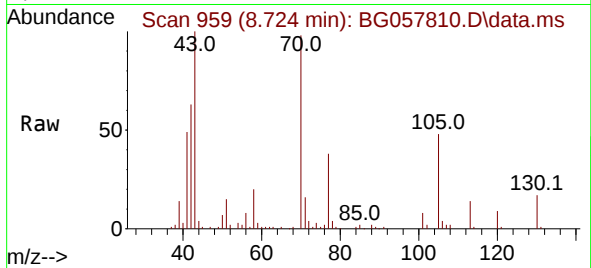




#19
n-Nitroso-di-n-propylamine
Concen: 42.744 ng
RT: 8.724 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

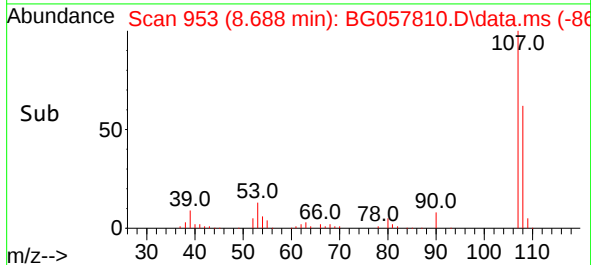
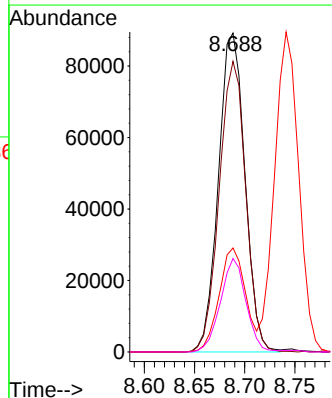
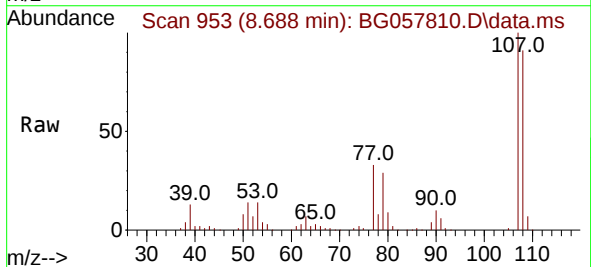
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

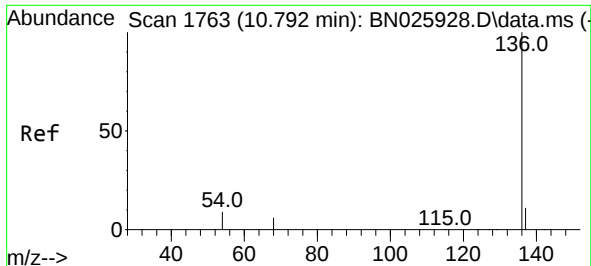
Tgt Ion: 70 Resp: 100029
Ion Ratio Lower Upper
70 100
42 64.6 54.2 81.2
101 8.5 7.4 11.0
130 17.8 13.4 20.0



#20
3+4-Methylphenols
Concen: 48.683 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:107 Resp: 163463
Ion Ratio Lower Upper
107 100
108 91.1 67.7 107.7
77 32.6 13.3 53.3
79 29.3 7.5 47.5

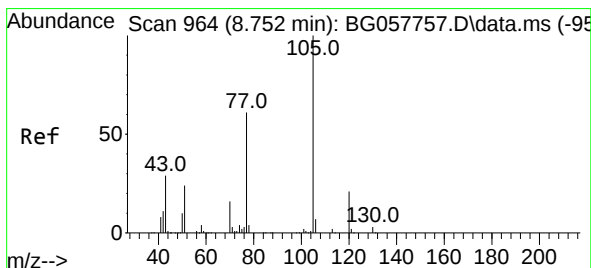
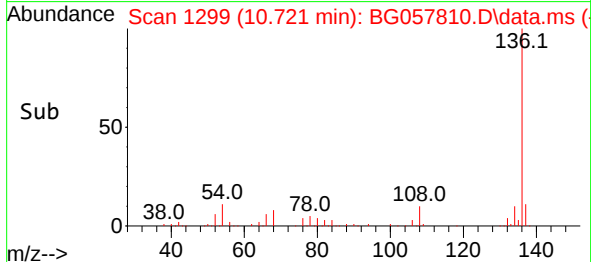
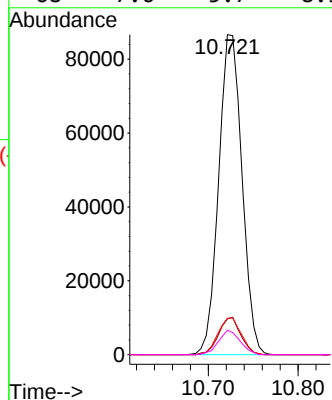
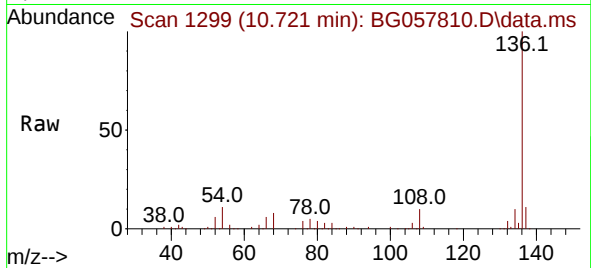




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1299
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

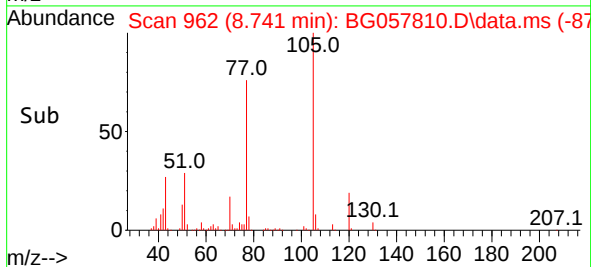
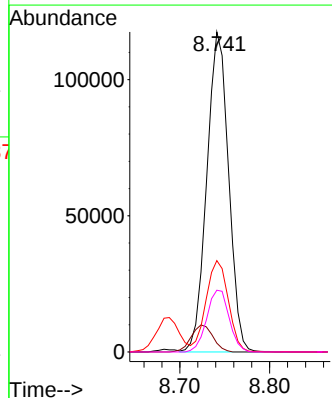
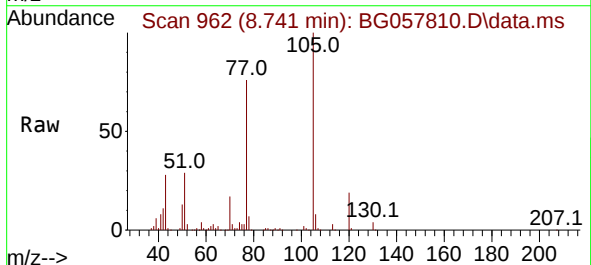
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

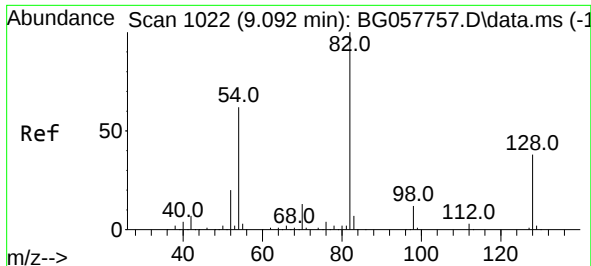
Tgt Ion:136 Resp: 156548
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.4 9.5 14.3
68 7.6 5.7 8.5



#22
Acetophenone
Concen: 45.061 ng
RT: 8.741 min Scan# 962
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:105 Resp: 197816
Ion Ratio Lower Upper
105 100
71 2.8 2.4 3.6
51 28.6 25.9 38.9
120 19.3 16.7 25.1





#23

Nitrobenzene-d5

Concen: 66.007 ng

RT: 9.082 min Scan# 1020

Delta R.T. -0.011 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

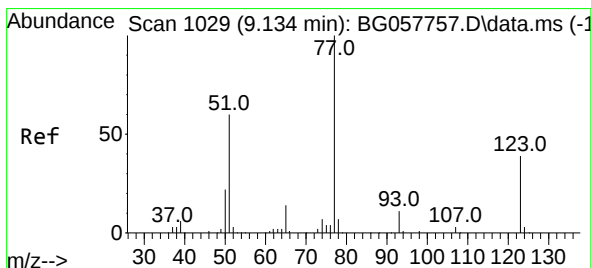
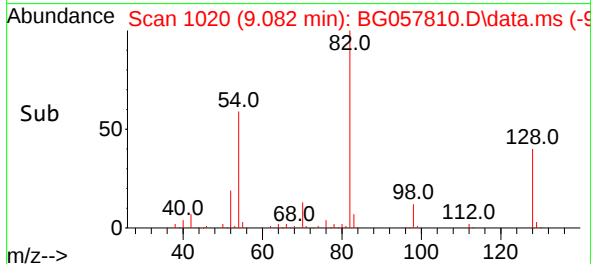
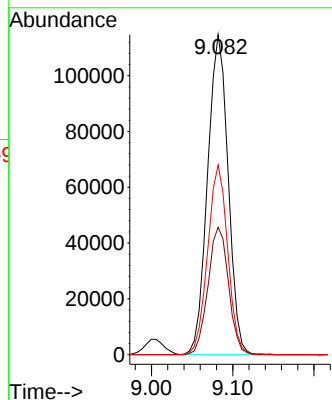
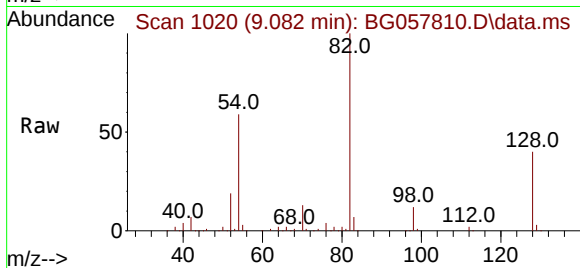
Tgt Ion: 82 Resp: 201335

Ion Ratio Lower Upper

82 100

128 39.8 30.7 46.1

54 59.2 49.6 74.4



#24

Nitrobenzene

Concen: 44.285 ng

RT: 9.123 min Scan# 1027

Delta R.T. -0.011 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

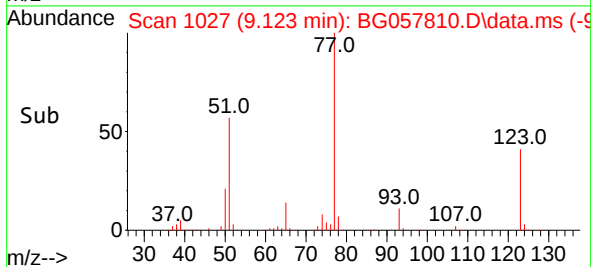
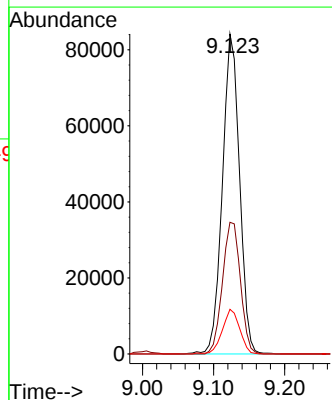
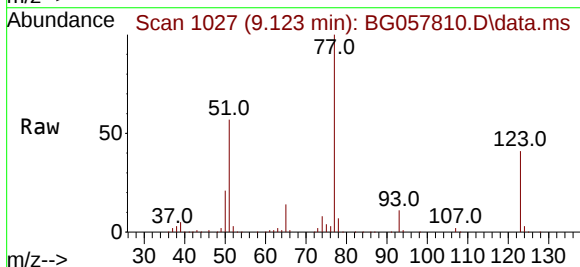
Tgt Ion: 77 Resp: 140586

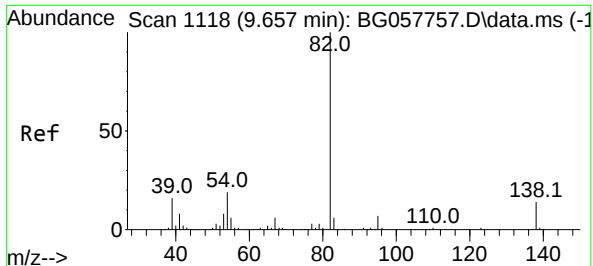
Ion Ratio Lower Upper

77 100

123 41.2 31.4 47.2

65 13.9 11.2 16.8

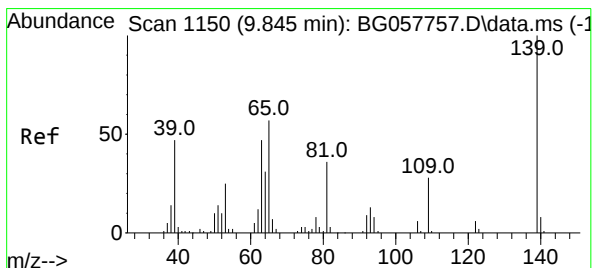
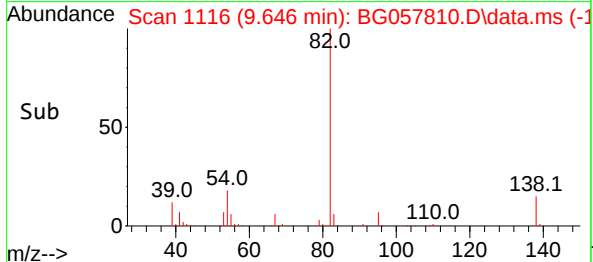
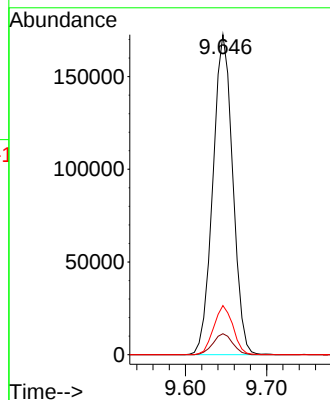
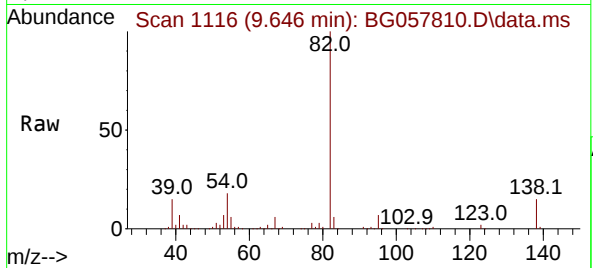




#25
Isophorone
Concen: 42.091 ng
RT: 9.646 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

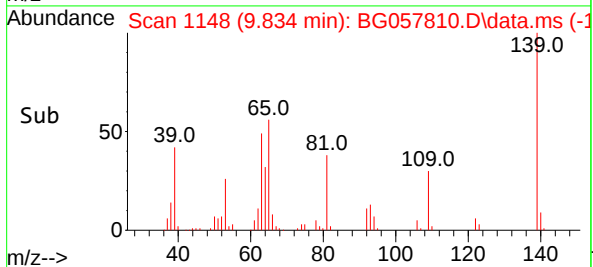
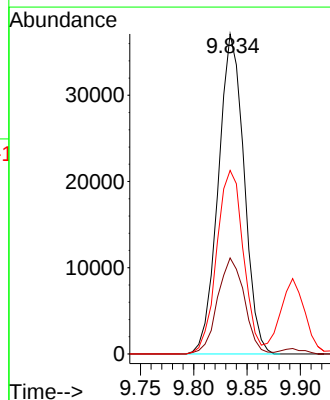
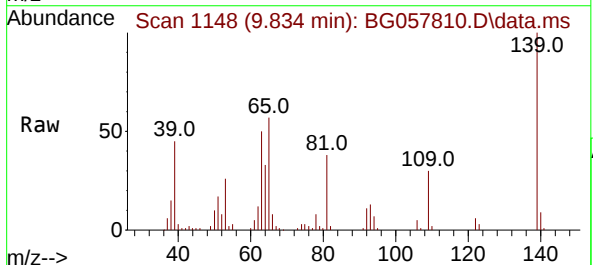
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

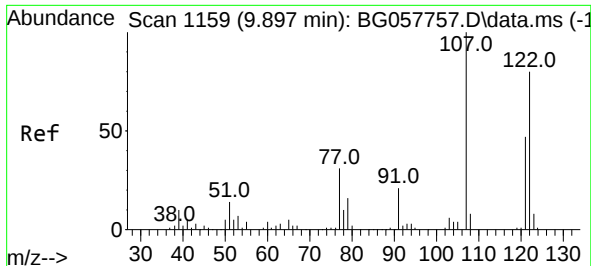
Tgt Ion: 82 Resp: 293318
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 15.4 11.1 16.7



#26
2-Nitrophenol
Concen: 61.652 ng
RT: 9.834 min Scan# 1148
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:139 Resp: 62266
Ion Ratio Lower Upper
139 100
109 30.0 22.5 33.7
65 57.3 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 50.791 ng

RT: 9.893 min Scan# 1158

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

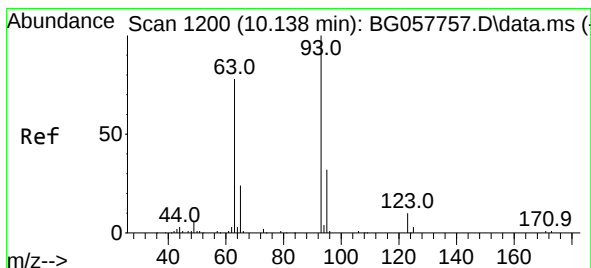
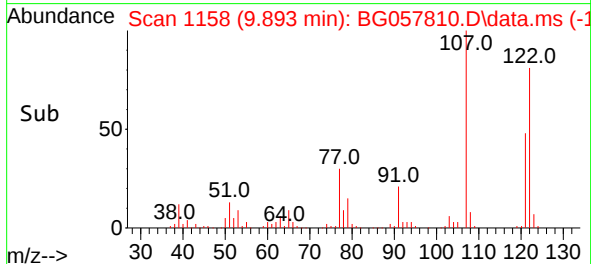
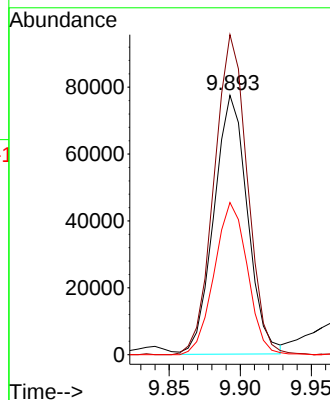
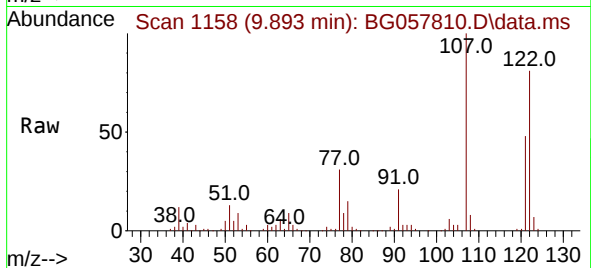
Tgt Ion:122 Resp: 127001

Ion Ratio Lower Upper

122 100

107 123.4 98.9 148.3

121 58.7 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.440 ng

RT: 10.134 min Scan# 1199

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

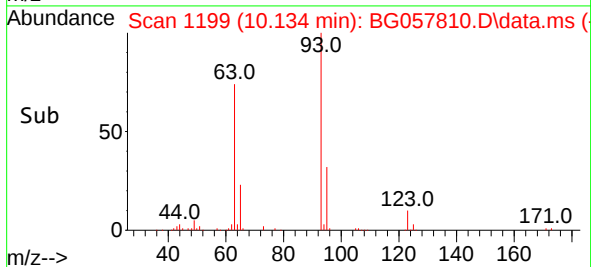
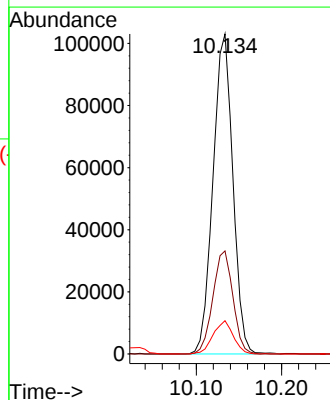
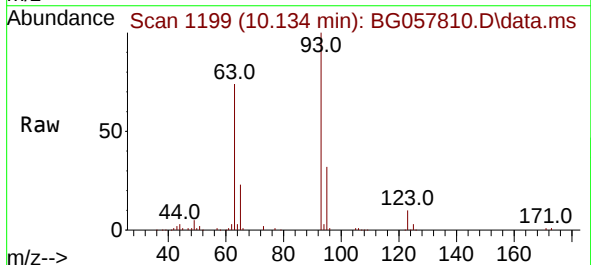
Tgt Ion: 93 Resp: 166778

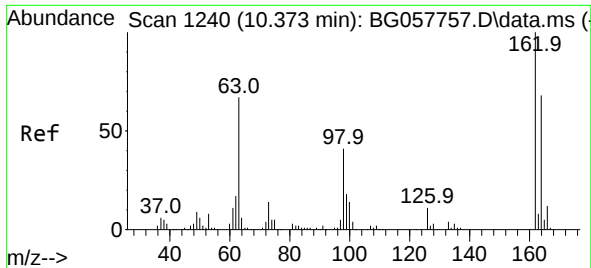
Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

123 10.4 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 52.932 ng

RT: 10.369 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

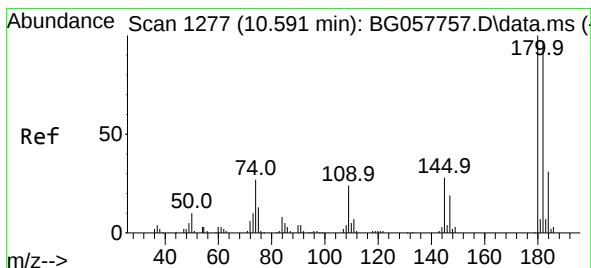
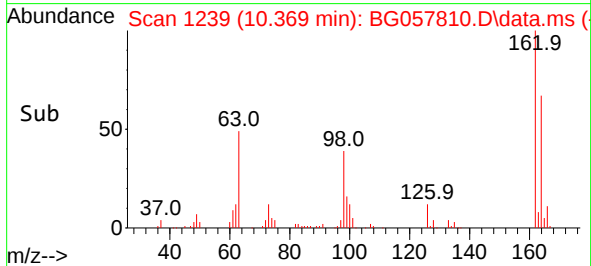
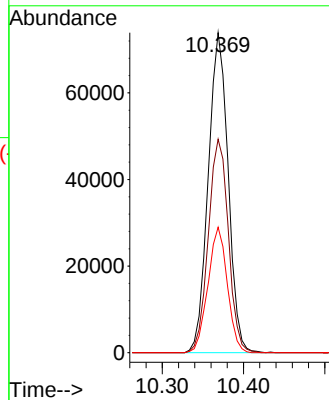
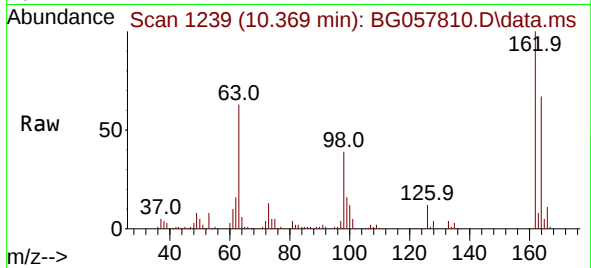
Tgt Ion:162 Resp: 125686

Ion Ratio Lower Upper

162 100

164 66.7 48.2 88.2

98 39.2 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 46.834 ng

RT: 10.586 min Scan# 1276

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

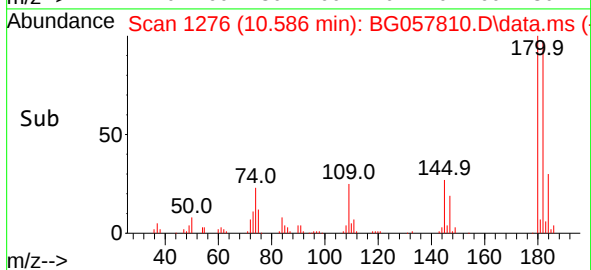
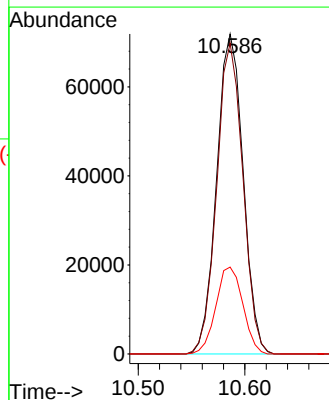
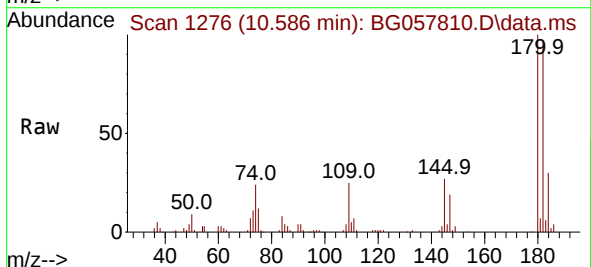
Tgt Ion:180 Resp: 123957

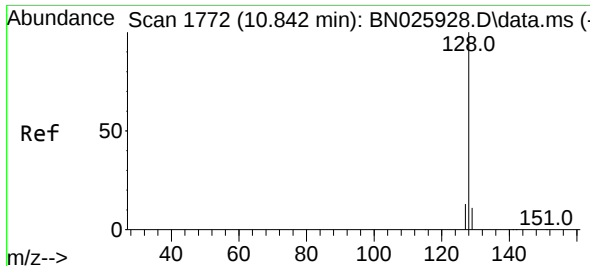
Ion Ratio Lower Upper

180 100

182 97.1 77.5 116.3

145 27.2 22.6 34.0

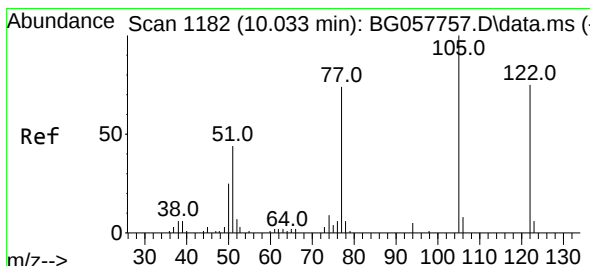
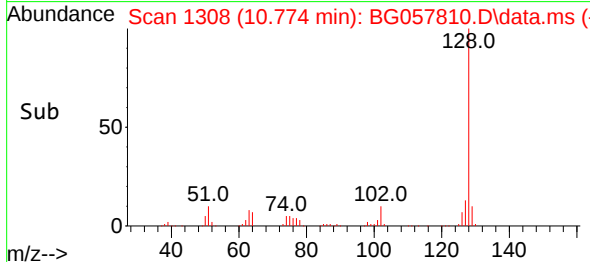
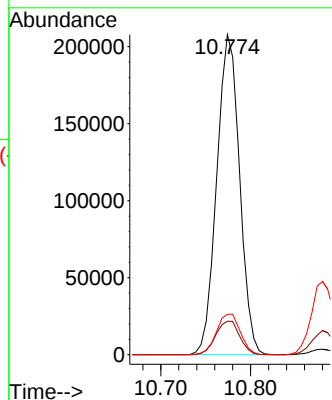
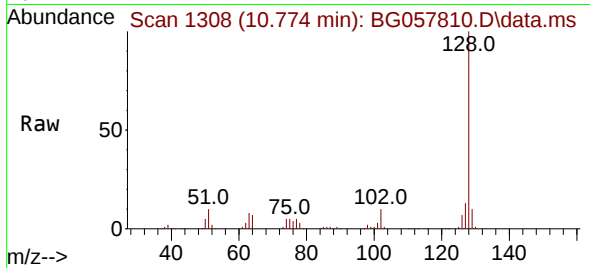




#31
Naphthalene
Concen: 44.010 ng
RT: 10.774 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

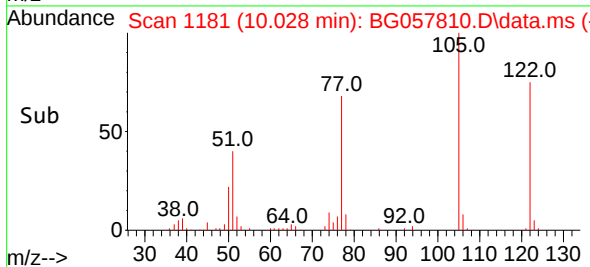
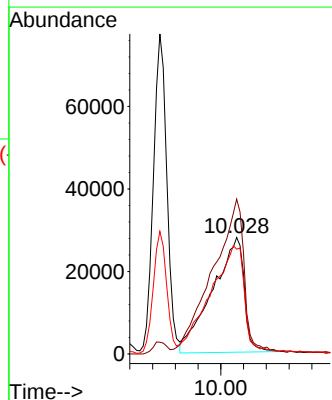
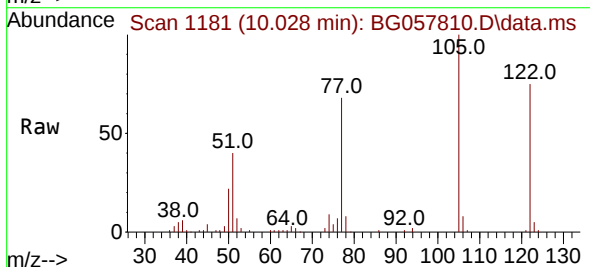
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

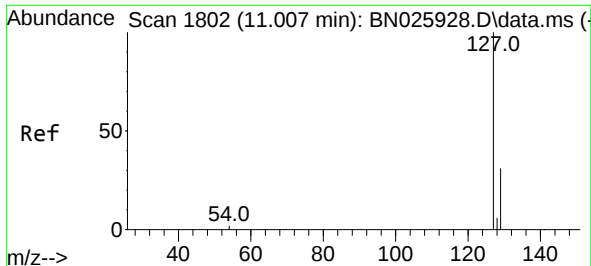
Tgt Ion:128 Resp: 366689
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.6 10.7 16.1



#32
Benzoic acid
Concen: 58.551 ng
RT: 10.028 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:122 Resp: 107792
Ion Ratio Lower Upper
122 100
105 132.9 110.1 150.1
77 90.0 78.2 118.2

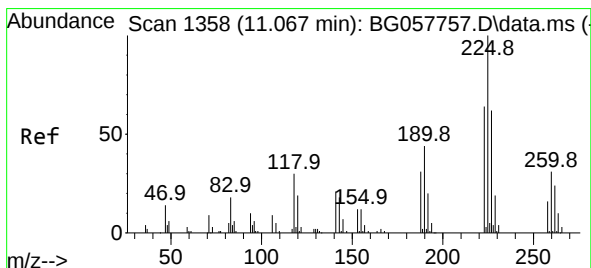
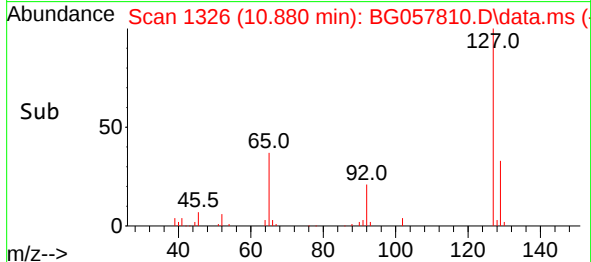
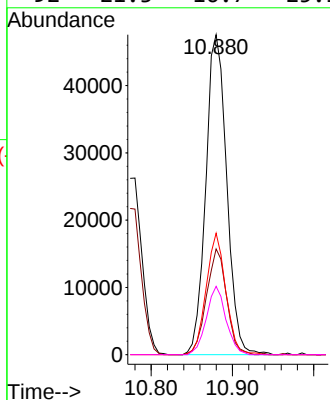
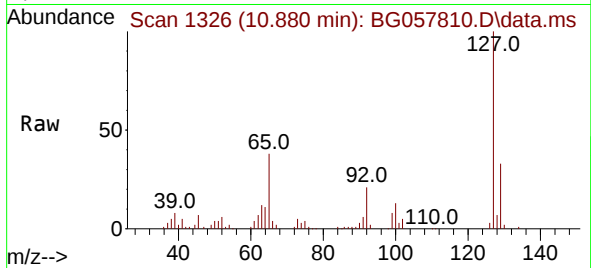




#33
4-Chloroaniline
Concen: 22.025 ng
RT: 10.880 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

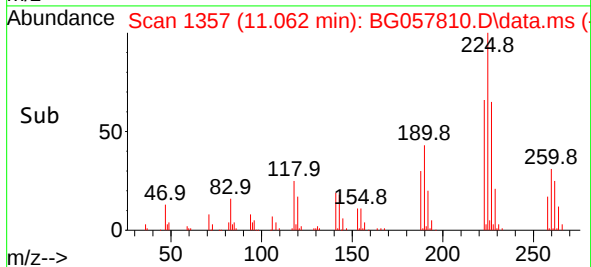
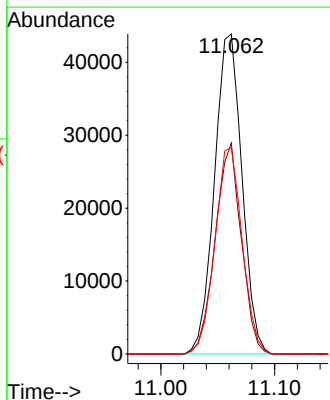
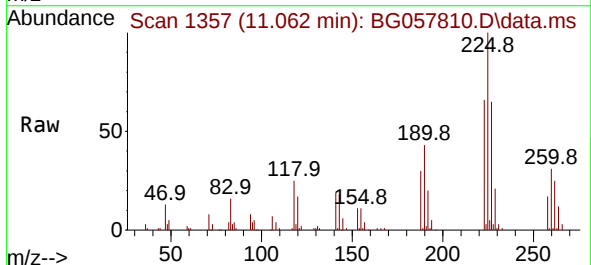
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

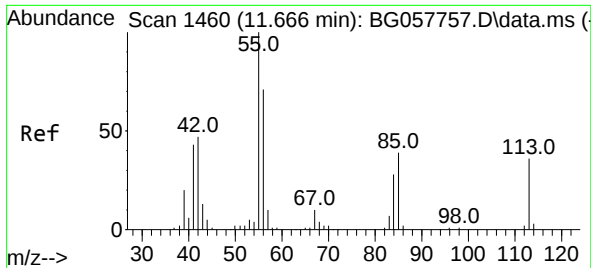
Tgt Ion:	127	Resp:	85029
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	38.0	29.8	44.8
92	21.3	16.7	25.1



#34
Hexachlorobutadiene
Concen: 45.622 ng
RT: 11.062 min Scan# 1357
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:	225	Resp:	73669
Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.4	77.0
227	64.5	49.7	74.5

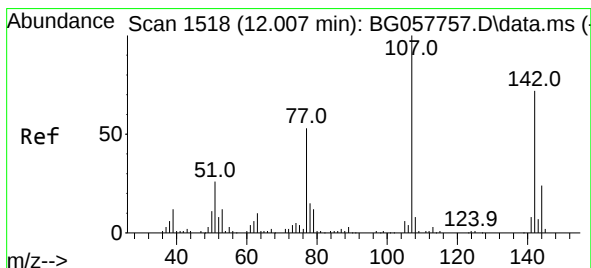
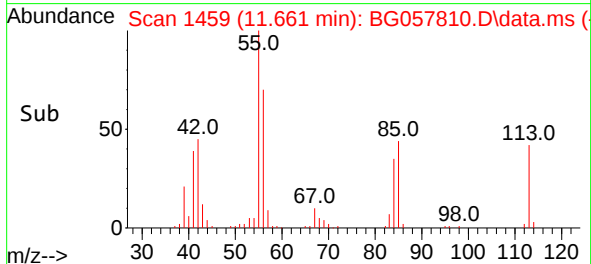
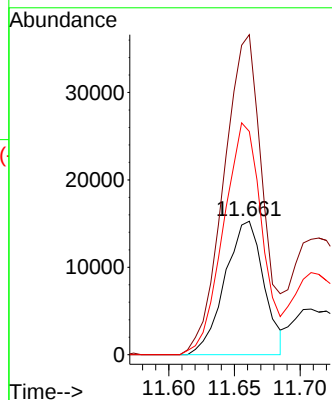
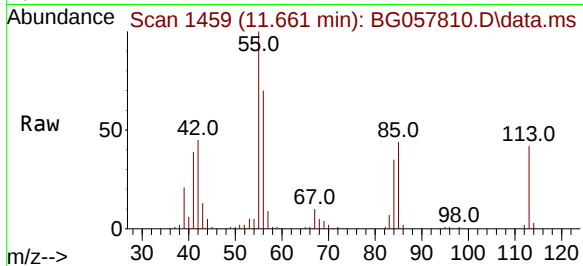




#35
Caprolactam
Concen: 32.691 ng
RT: 11.661 min Scan# 1460
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

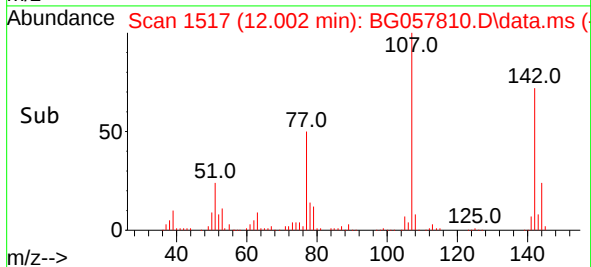
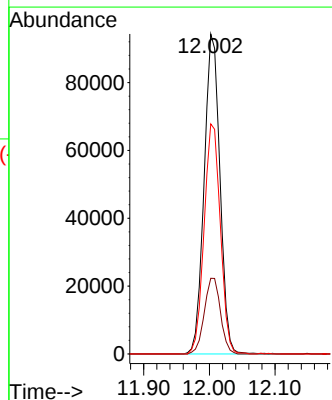
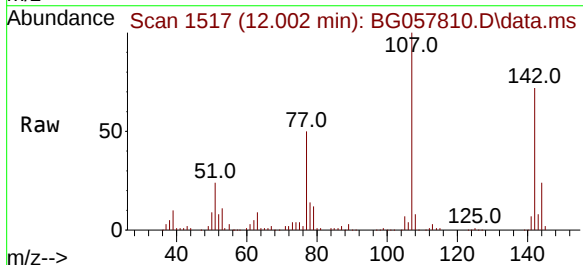
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

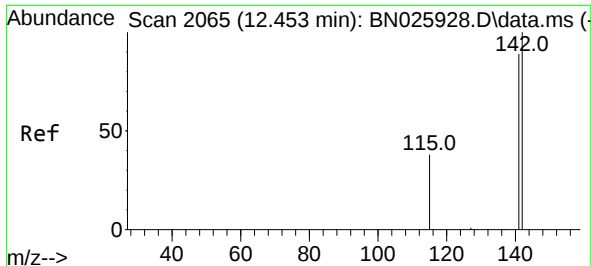
Tgt Ion:113 Resp: 31499
Ion Ratio Lower Upper
113 100
55 239.7 255.7 295.7#
56 167.2 175.2 215.2#



#36
4-Chloro-3-methylphenol
Concen: 51.094 ng
RT: 12.002 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:107 Resp: 158448
Ion Ratio Lower Upper
107 100
144 23.7 19.5 29.3
142 71.9 57.9 86.9





#37

2-Methylnaphthalene

Concen: 44.152 ng

RT: 12.384 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

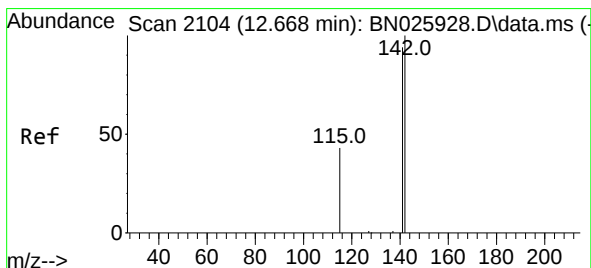
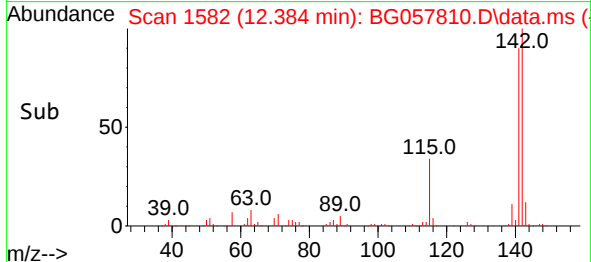
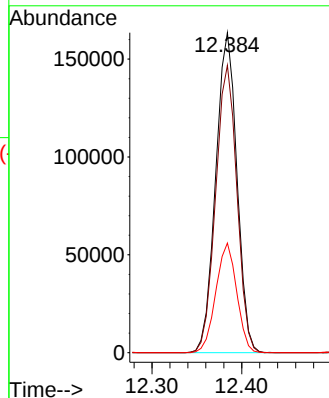
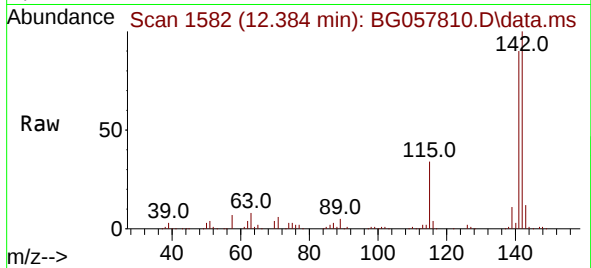
Tgt Ion:142 Resp: 268142

Ion Ratio Lower Upper

142 100

141 89.8 72.1 108.1

115 34.2 29.7 44.5



#38

1-Methylnaphthalene

Concen: 44.235 ng

RT: 12.601 min Scan# 1619

Delta R.T. -0.011 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

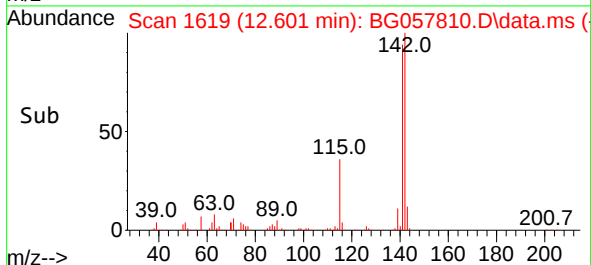
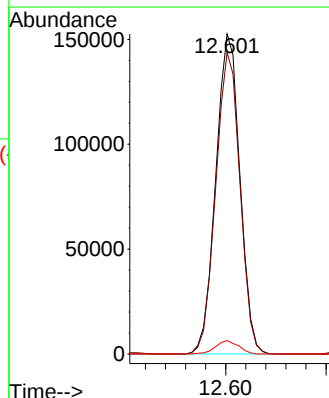
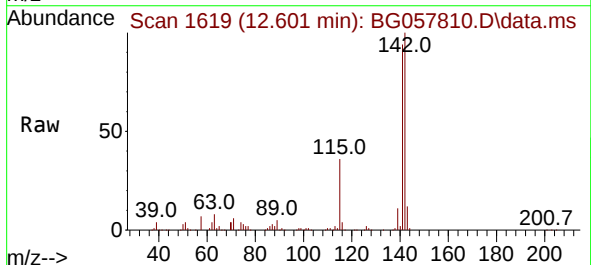
Tgt Ion:142 Resp: 253595

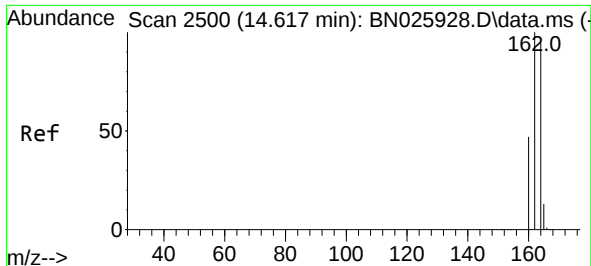
Ion Ratio Lower Upper

142 100

141 94.2 74.2 111.4

116 4.2 3.1 4.7

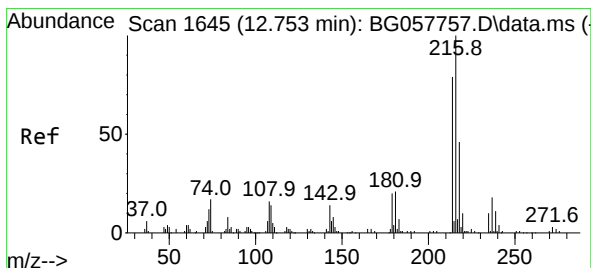
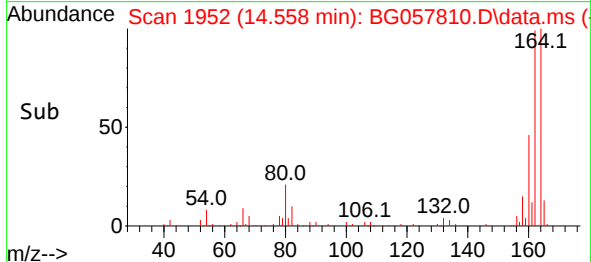
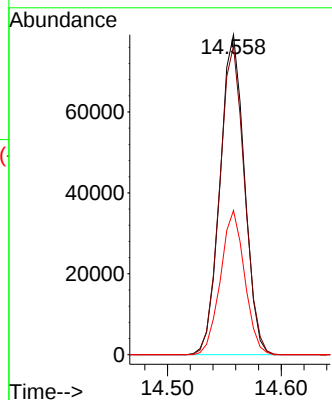
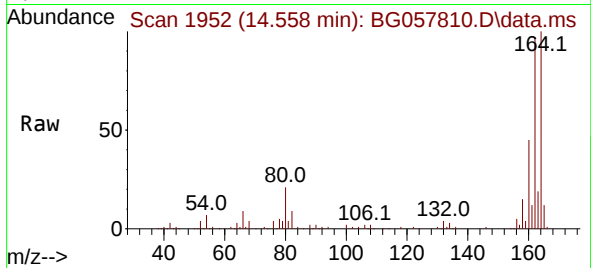




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

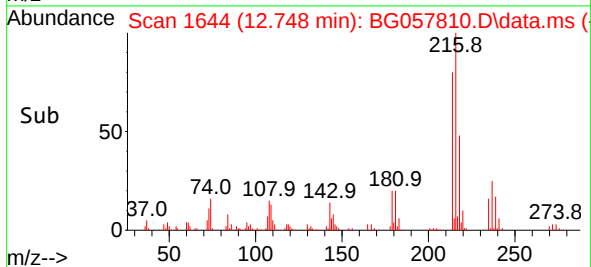
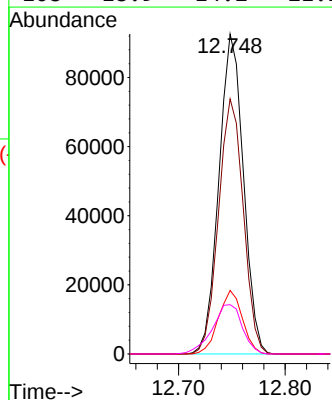
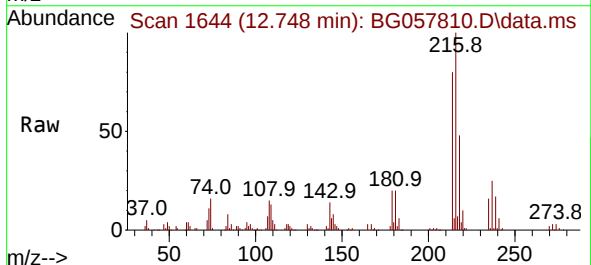
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

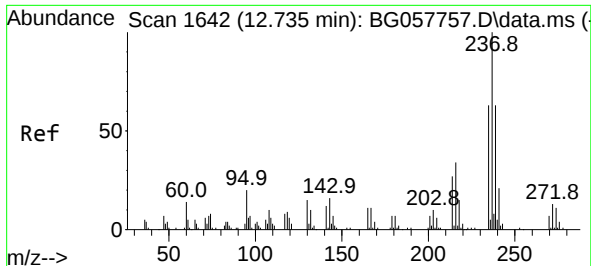
Tgt Ion:164 Resp: 117783
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 45.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.219 ng
RT: 12.748 min Scan# 1644
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:216 Resp: 147651
Ion Ratio Lower Upper
216 100
214 80.4 63.0 94.4
179 19.5 16.2 24.2
108 18.9 14.2 21.2

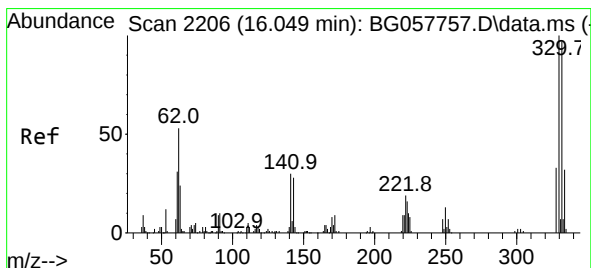
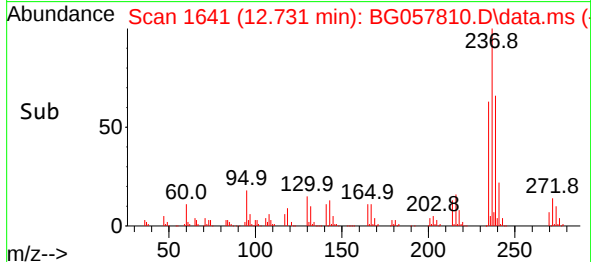
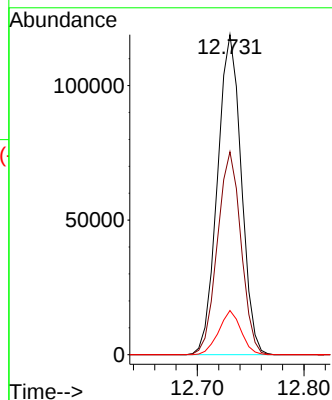
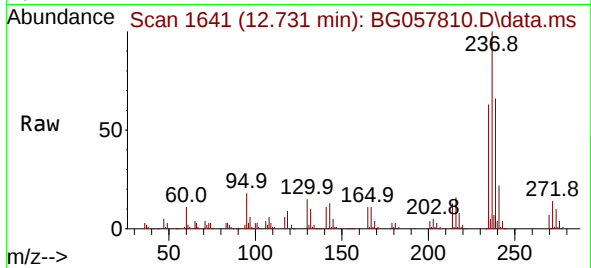




#41
Hexachlorocyclopentadiene
Concen: 106.291 ng
RT: 12.731 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

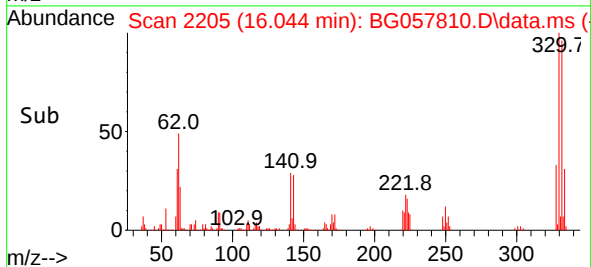
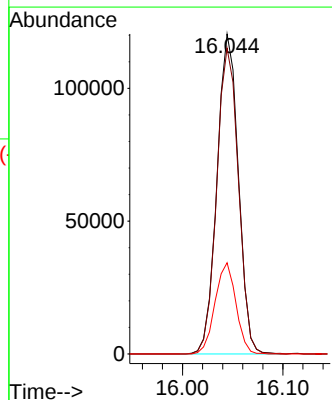
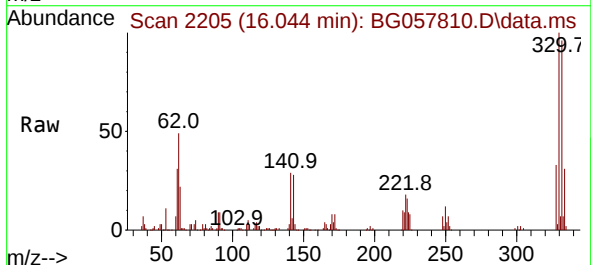
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

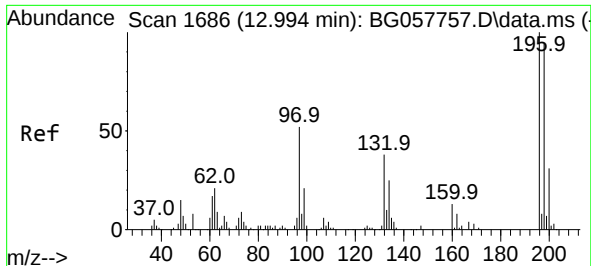
Tgt Ion:237 Resp: 184259
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 13.8 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 108.348 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:330 Resp: 177768
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 27.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.089 ng

RT: 12.989 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

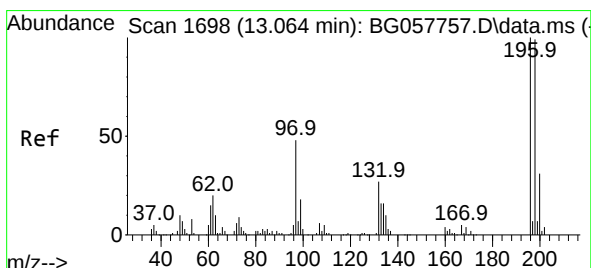
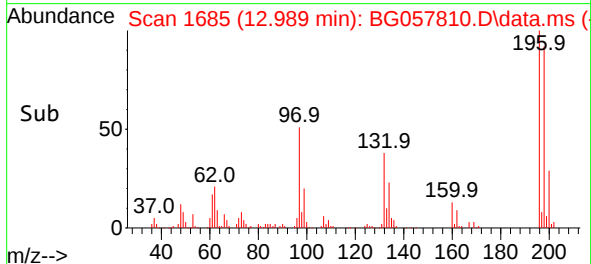
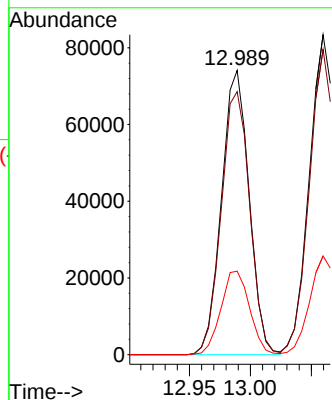
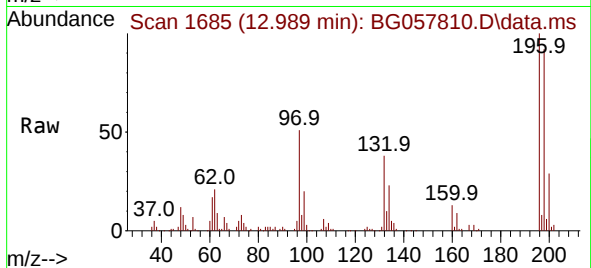
Tgt Ion:196 Resp: 117109

Ion Ratio Lower Upper

196 100

198 92.5 75.5 113.3

200 29.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.206 ng

RT: 13.060 min Scan# 1697

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Tgt Ion:196 Resp: 131376

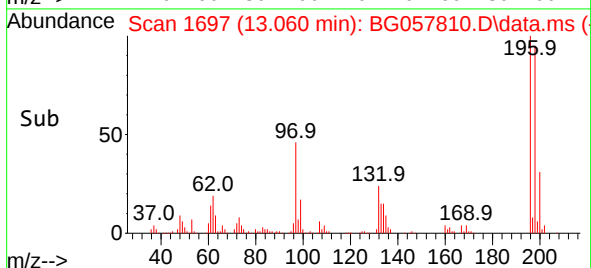
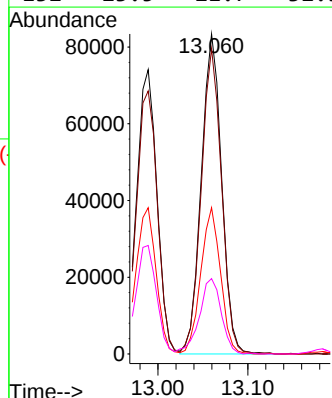
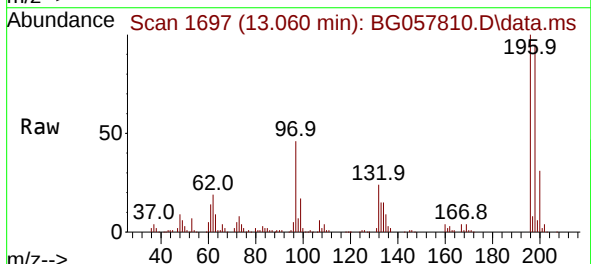
Ion Ratio Lower Upper

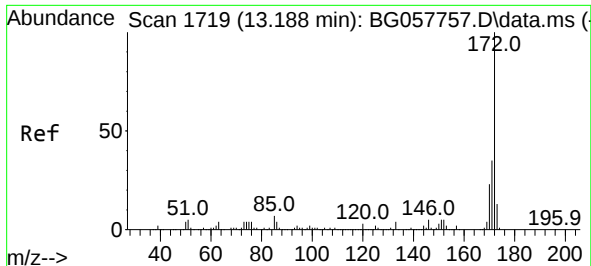
196 100

198 95.4 78.9 118.3

97 45.7 38.3 57.5

132 23.5 21.7 32.5

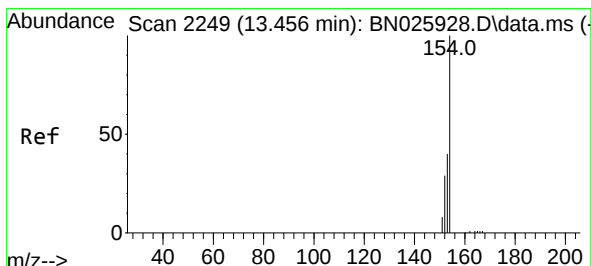
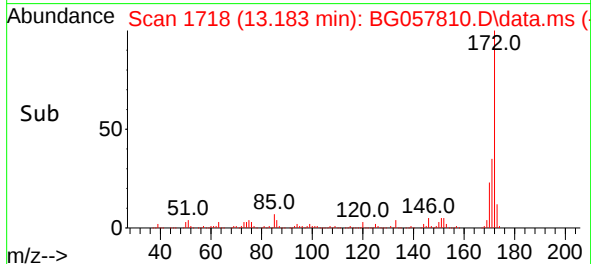
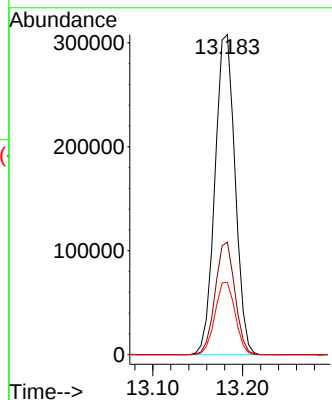
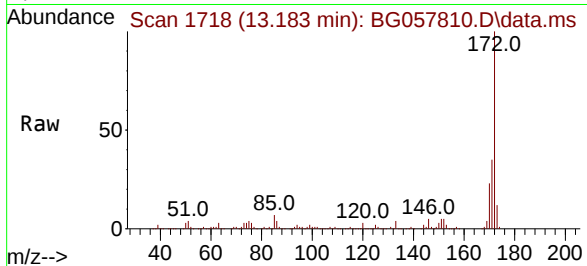




#45
2-Fluorobiphenyl
Concen: 61.654 ng
RT: 13.183 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

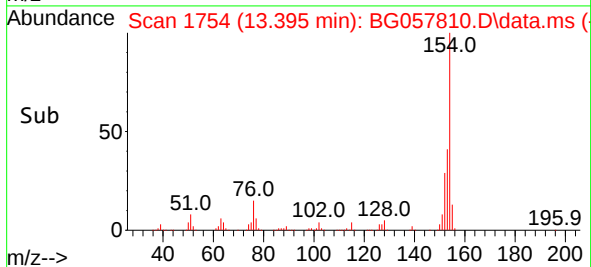
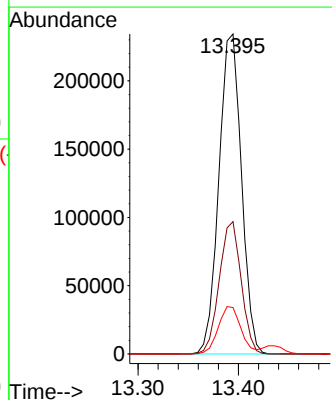
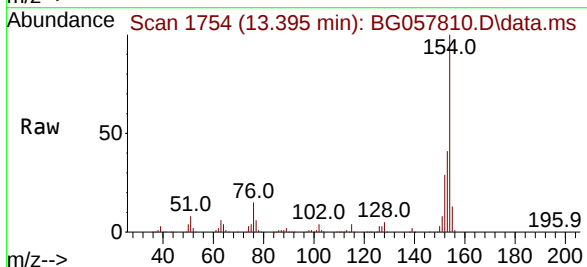
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

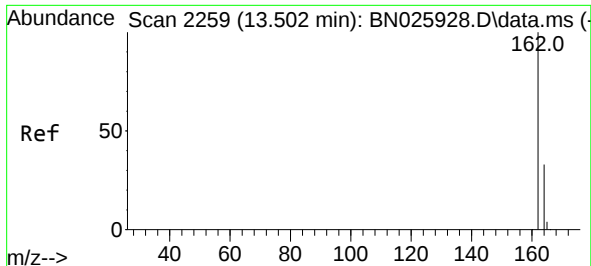
Tgt Ion:172 Resp: 478779
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 22.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 45.115 ng
RT: 13.395 min Scan# 1754
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:154 Resp: 364863
Ion Ratio Lower Upper
154 100
153 41.4 19.1 59.1
76 14.5 0.0 34.3





#47

2-Chloronaphthalene

Concen: 46.229 ng

RT: 13.436 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

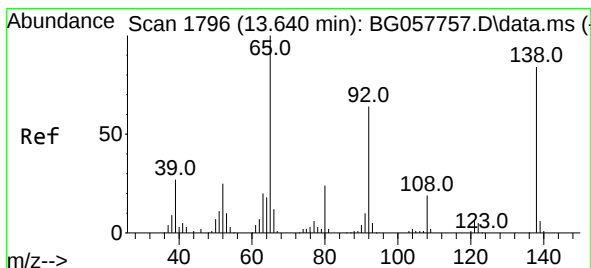
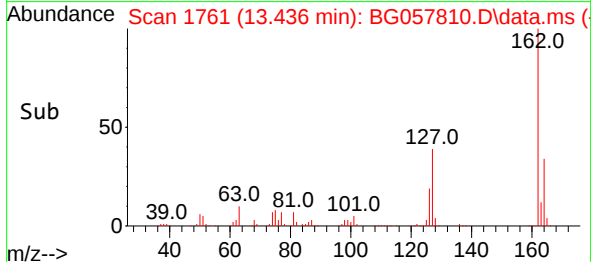
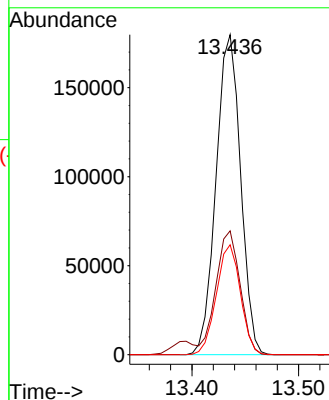
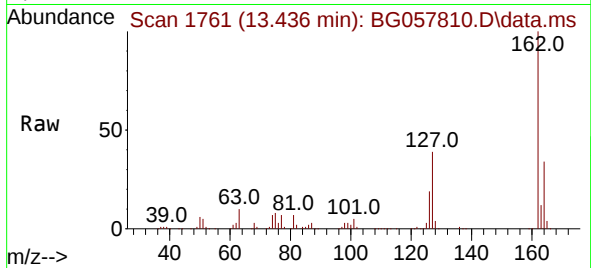
Tgt Ion:162 Resp: 287224

Ion Ratio Lower Upper

162 100

127 38.7 32.2 48.2

164 34.3 28.0 42.0



#48

2-Nitroaniline

Concen: 51.068 ng

RT: 13.635 min Scan# 1795

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

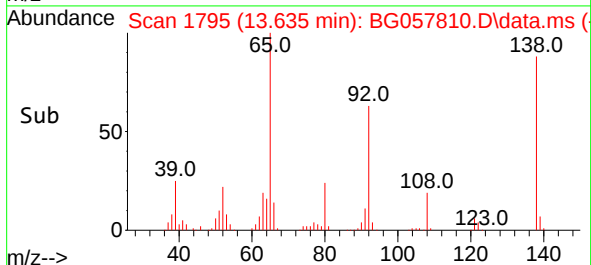
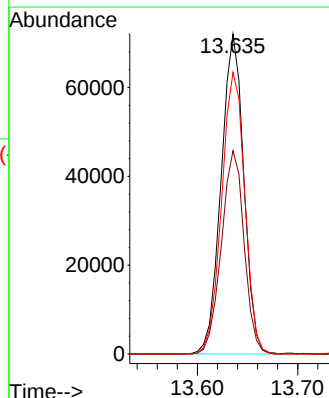
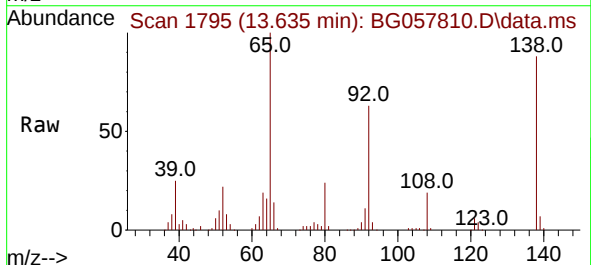
Tgt Ion: 65 Resp: 112755

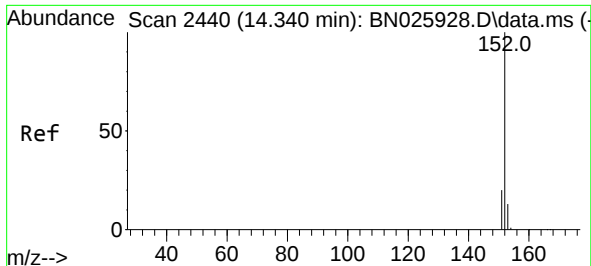
Ion Ratio Lower Upper

65 100

92 63.5 51.2 76.8

138 88.0 67.2 100.8

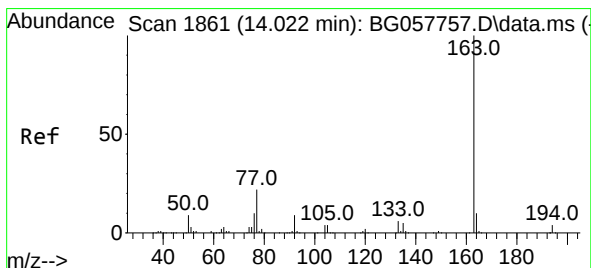
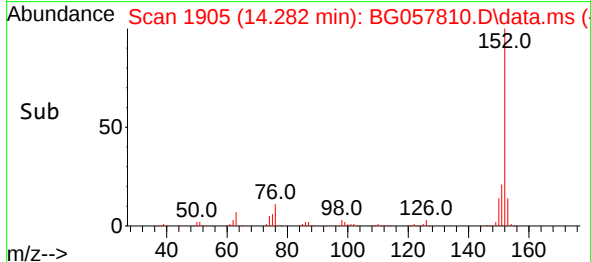
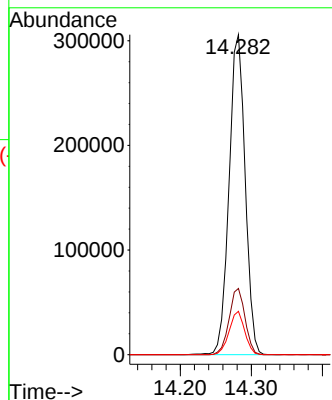
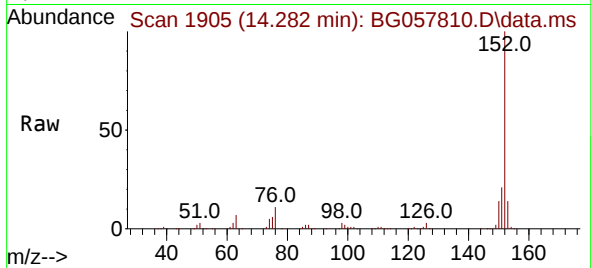




#49
Acenaphthylene
Concen: 45.035 ng
RT: 14.282 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

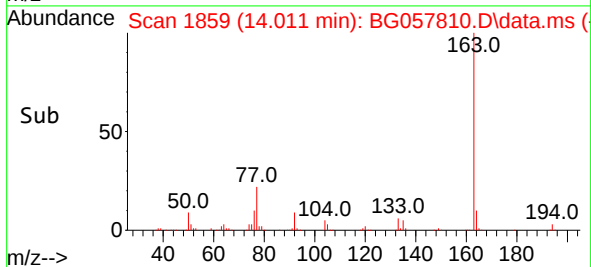
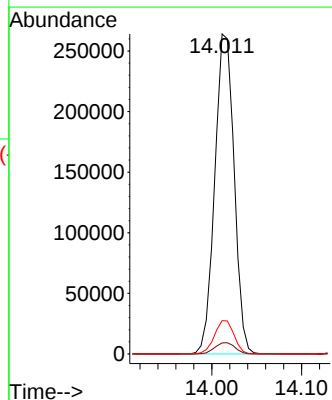
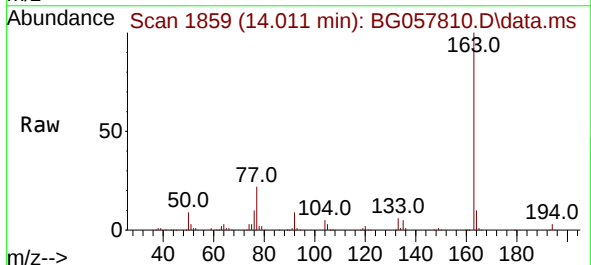
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

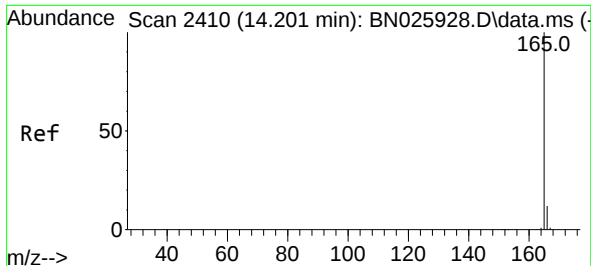
Tgt Ion:152 Resp: 480270
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.4
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 43.750 ng
RT: 14.011 min Scan# 1859
Delta R.T. -0.011 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:163 Resp: 395779
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.4 8.2 12.4

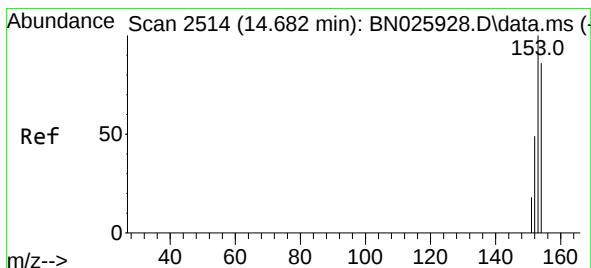
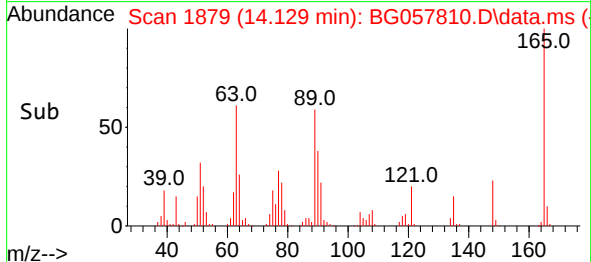
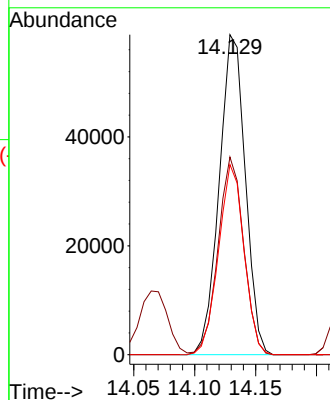
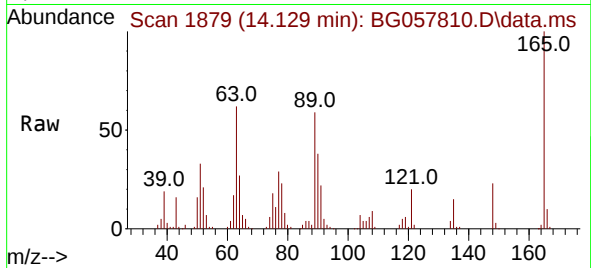




#51
2,6-Dinitrotoluene
Concen: 52.592 ng
RT: 14.129 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

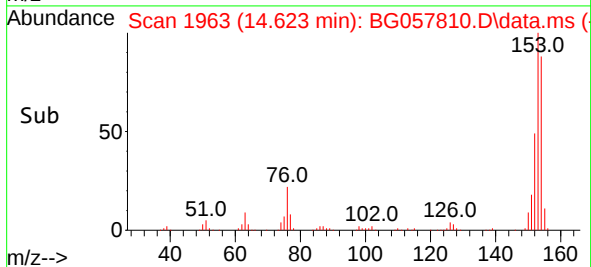
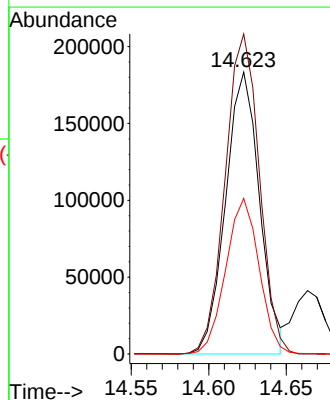
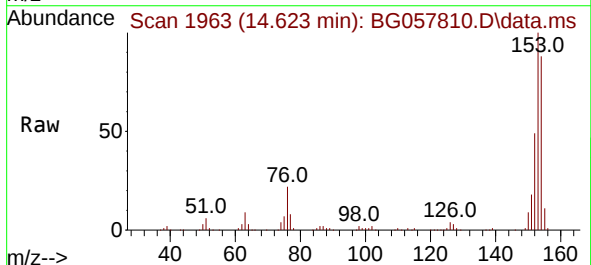
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

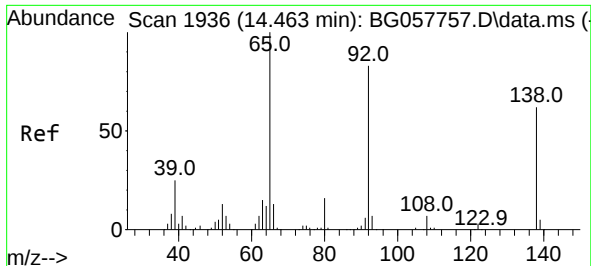
Tgt Ion:165 Resp: 87612
Ion Ratio Lower Upper
165 100
63 61.8 52.8 79.2
89 59.4 50.7 76.1



#52
Acenaphthene
Concen: 42.203 ng
RT: 14.623 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:154 Resp: 278622
Ion Ratio Lower Upper
154 100
153 113.5 93.6 140.4
152 55.2 44.7 67.1

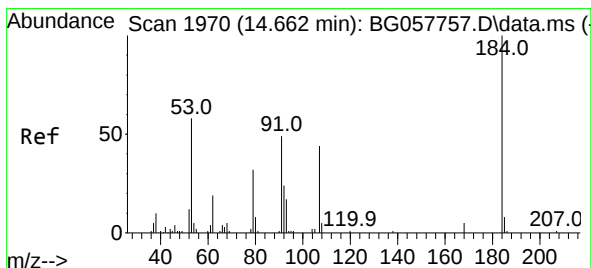
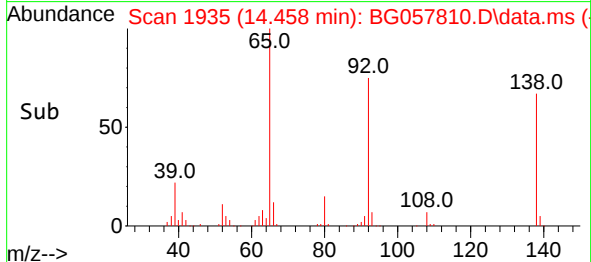
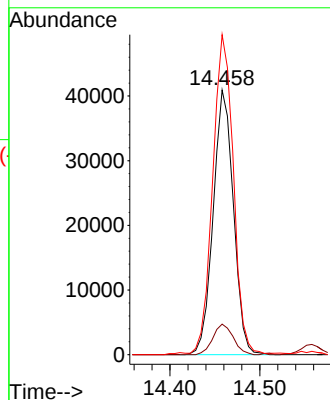
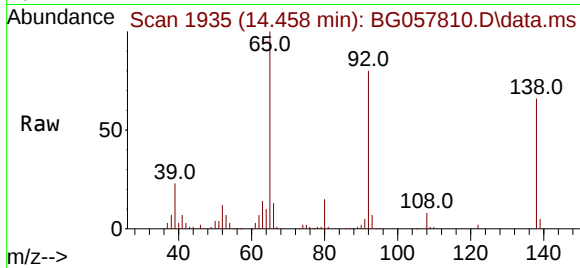




#53
3-Nitroaniline
Concen: 34.161 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

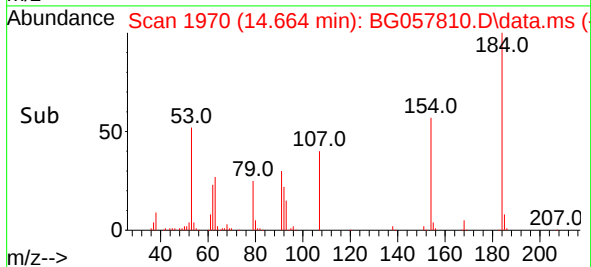
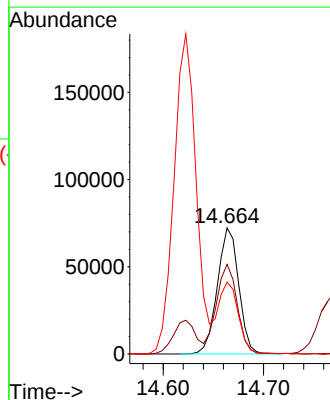
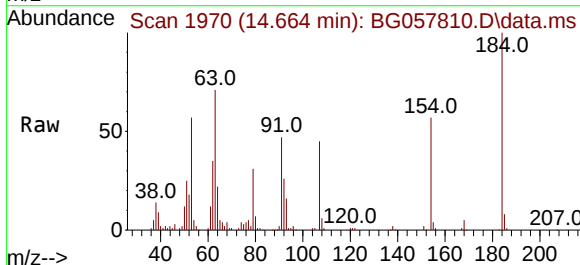
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

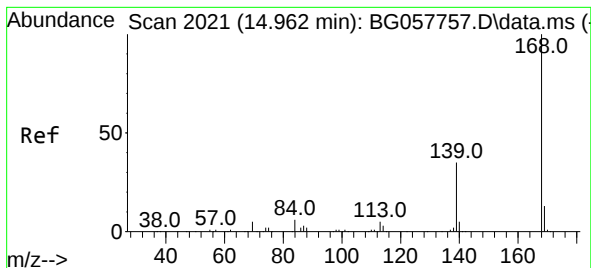
Tgt Ion:138 Resp: 64132
Ion Ratio Lower Upper
138 100
108 11.6 9.1 13.7
92 120.9 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 117.417 ng
RT: 14.664 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:184 Resp: 106495
Ion Ratio Lower Upper
184 100
63 71.1 55.2 82.8
154 57.1 47.4 71.0





#55

Dibenzofuran

Concen: 44.543 ng

RT: 14.957 min Scan# 20

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

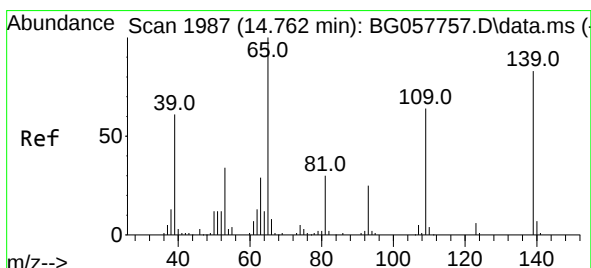
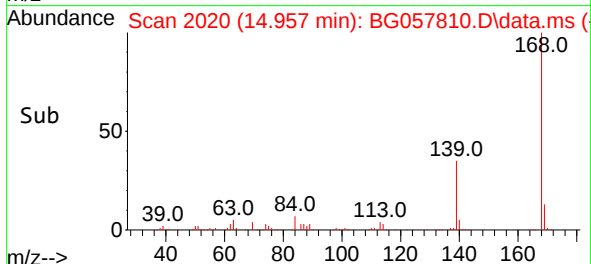
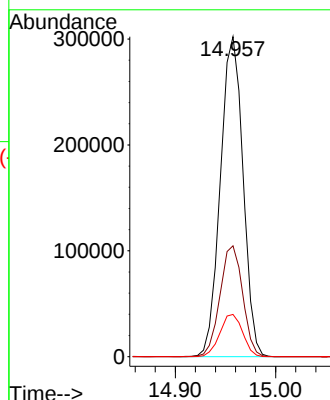
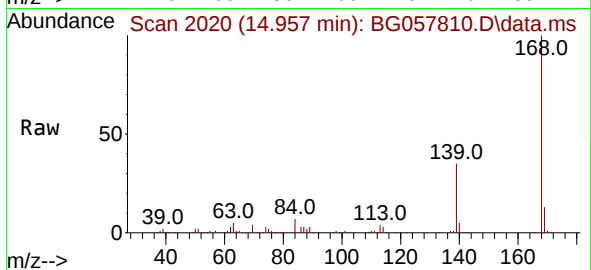
Tgt Ion:168 Resp: 472847

Ion Ratio Lower Upper

168 100

139 34.7 28.1 42.1

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 107.823 ng

RT: 14.769 min Scan# 1988

Delta R.T. 0.007 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

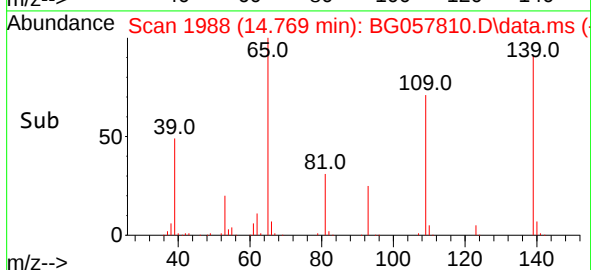
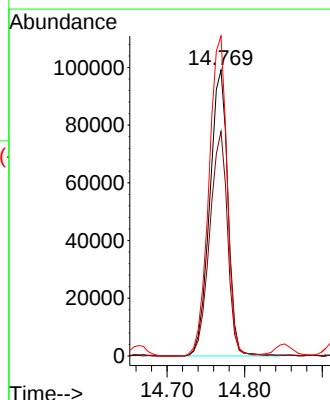
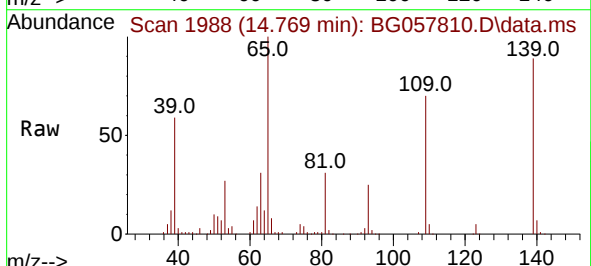
Tgt Ion:139 Resp: 160868

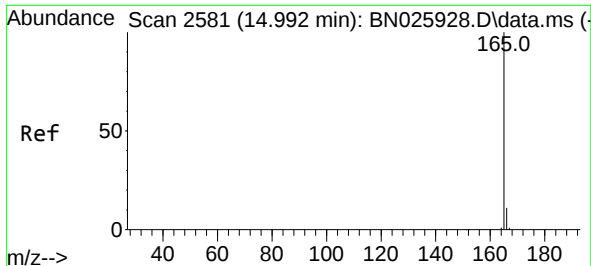
Ion Ratio Lower Upper

139 100

109 78.5 57.3 97.3

65 111.9 100.0 140.0





#57

2,4-Dinitrotoluene

Concen: 55.704 ng

RT: 14.916 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BG057810.D

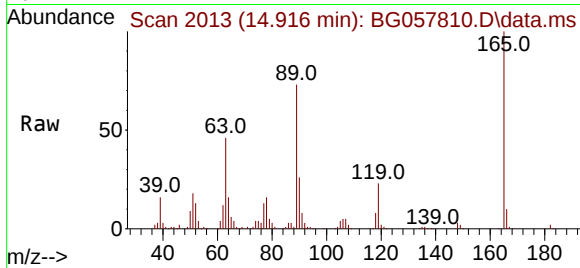
Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD



Tgt Ion:165 Resp: 125838

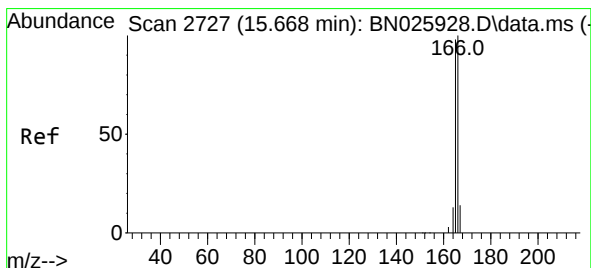
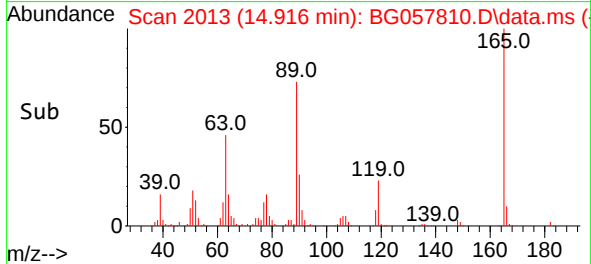
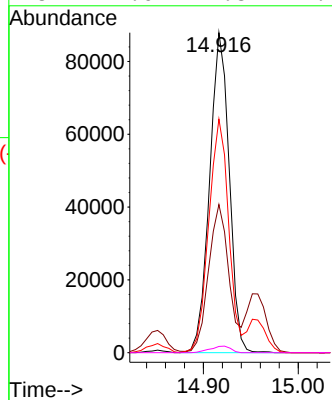
Ion Ratio Lower Upper

165 100

63 46.3 38.6 58.0

89 73.0 63.7 95.5

182 2.0 1.8 2.6



#58

Fluorene

Concen: 44.833 ng

RT: 15.604 min Scan# 2130

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

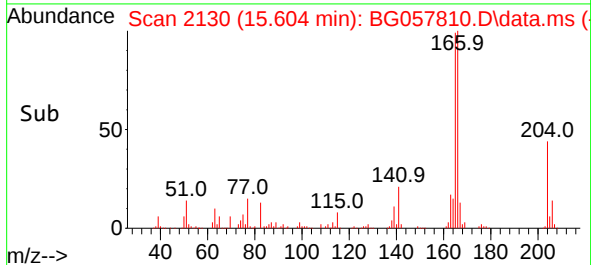
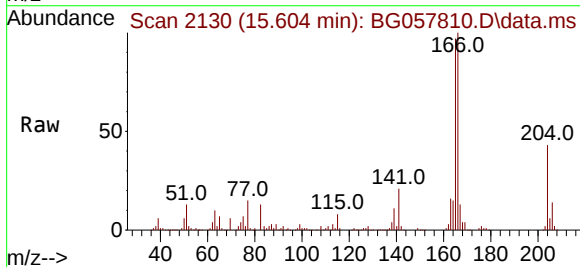
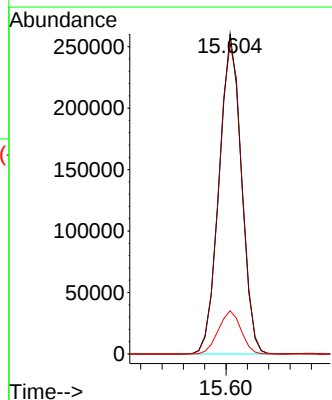
Tgt Ion:166 Resp: 376738

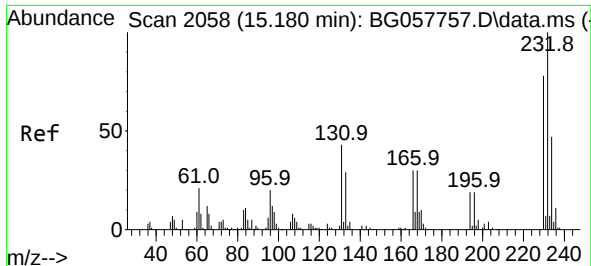
Ion Ratio Lower Upper

166 100

165 97.2 79.5 119.3

167 13.5 10.6 16.0

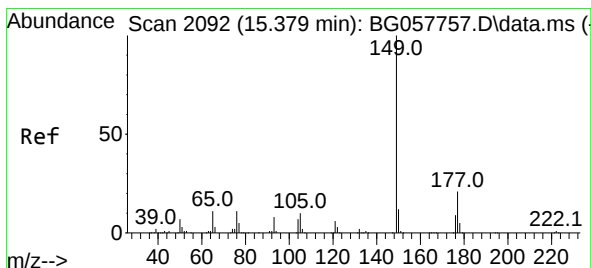
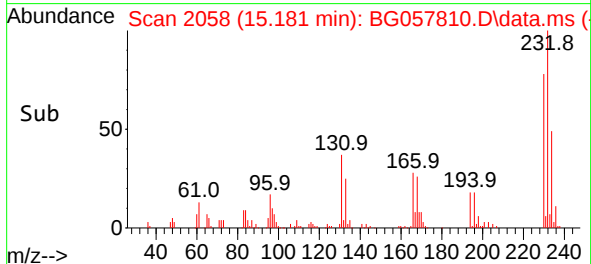
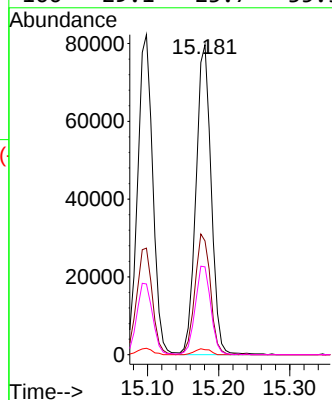
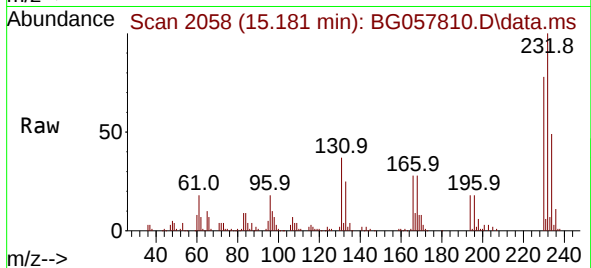




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.207 ng
RT: 15.181 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

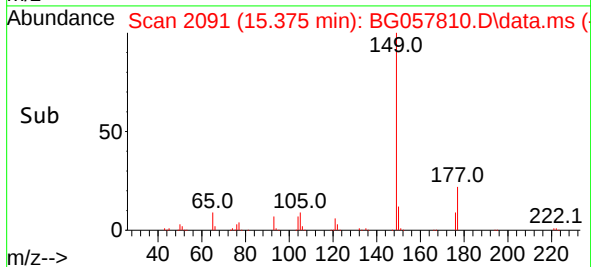
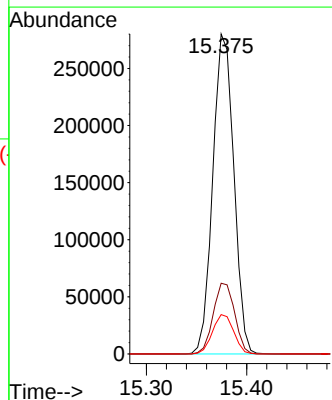
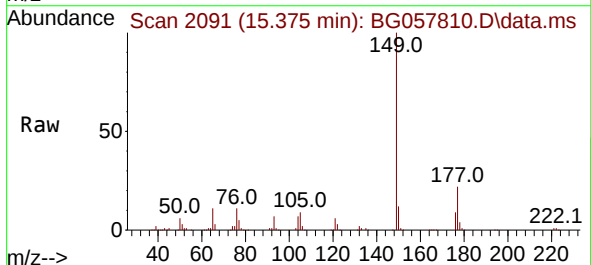
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

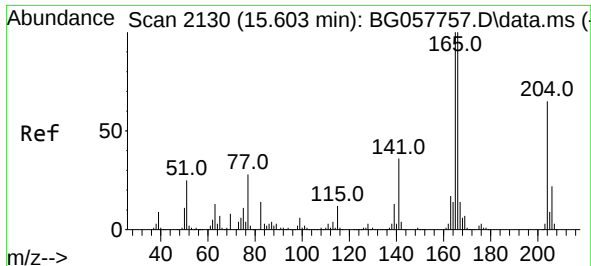
Tgt Ion:232 Resp: 118932
Ion Ratio Lower Upper
232 100
131 39.4 31.9 47.9
130 1.9 1.6 2.4
166 29.1 23.7 35.5



#60
Diethylphthalate
Concen: 43.953 ng
RT: 15.375 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:149 Resp: 407923
Ion Ratio Lower Upper
149 100
177 22.1 17.0 25.6
150 12.3 10.0 15.0

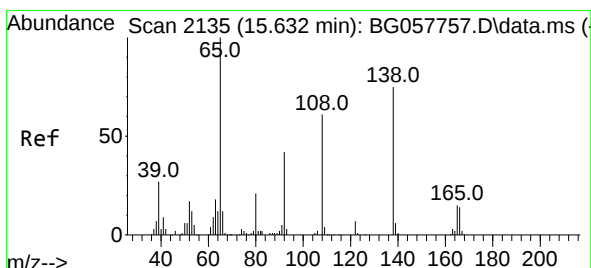
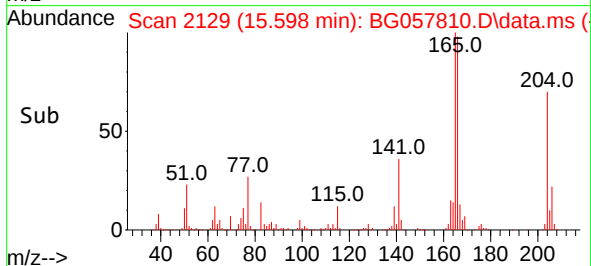
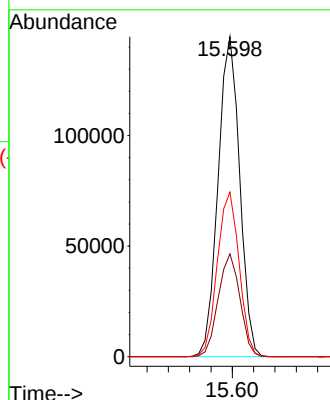
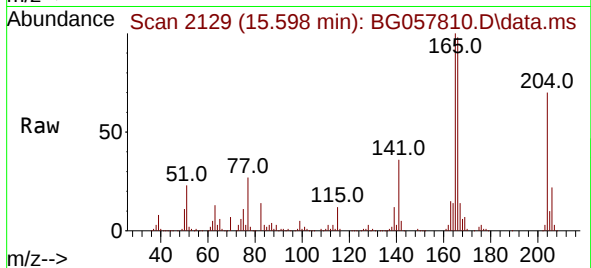




#61
4-Chlorophenyl-phenylether
Concen: 45.552 ng
RT: 15.598 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

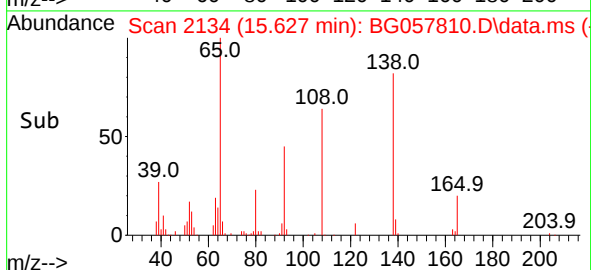
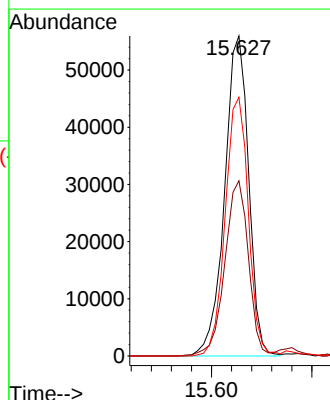
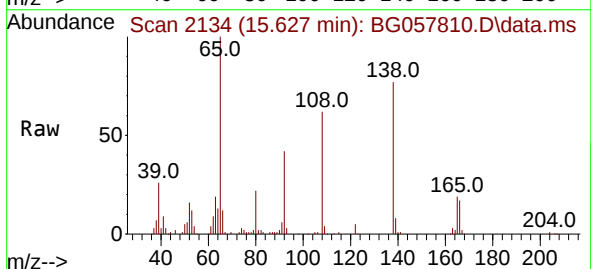
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

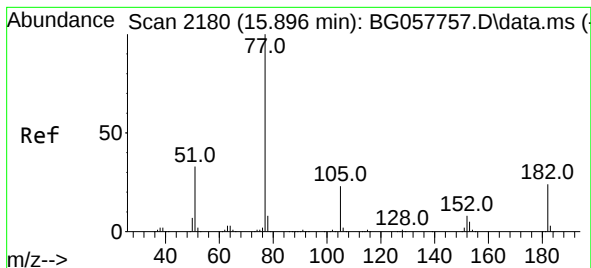
Tgt Ion:204 Resp: 203528
Ion Ratio Lower Upper
204 100
206 32.2 26.9 40.3
141 51.4 44.3 66.5



#62
4-Nitroaniline
Concen: 48.569 ng
RT: 15.627 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:138 Resp: 92956
Ion Ratio Lower Upper
138 100
92 54.7 35.9 75.9
108 80.8 62.1 102.1





#63

Azobenzene

Concen: 45.626 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

Tgt Ion: 77 Resp: 433151

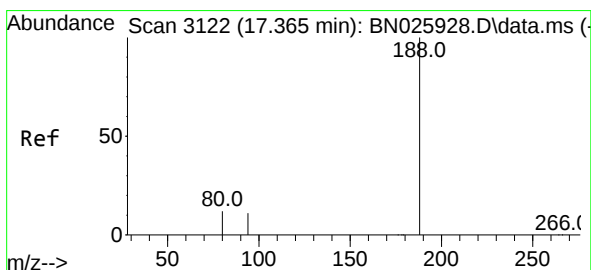
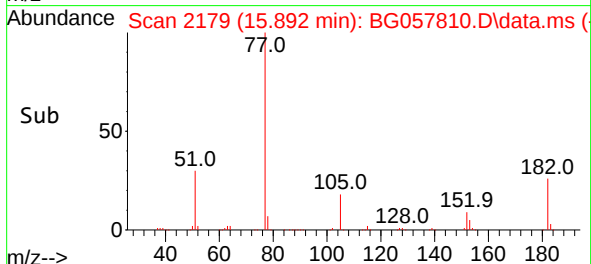
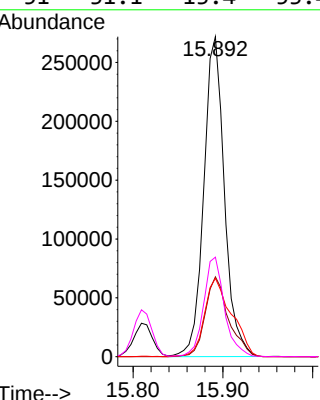
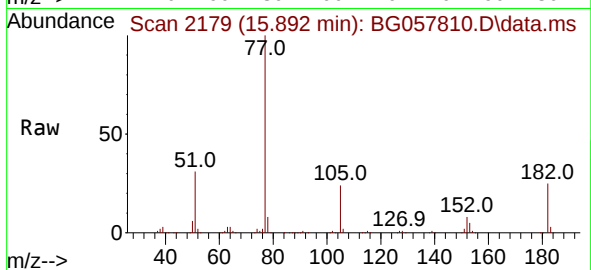
Ion Ratio Lower Upper

77 100

182 25.0 4.1 44.1

105 24.5 3.3 43.3

51 31.1 13.4 53.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.302 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

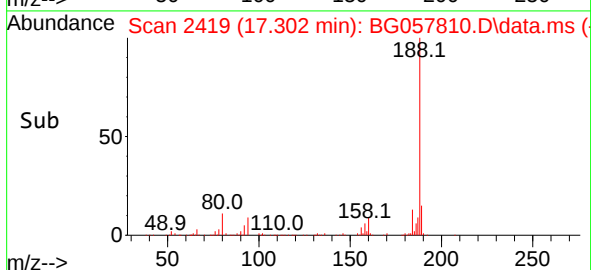
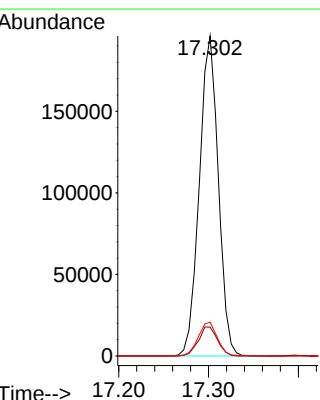
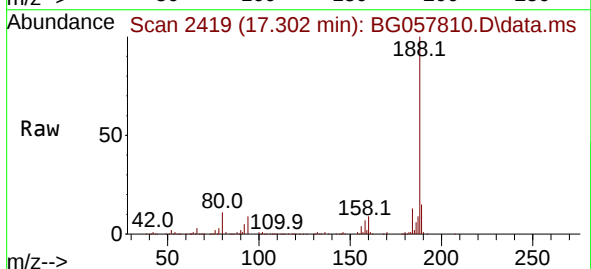
Tgt Ion:188 Resp: 287671

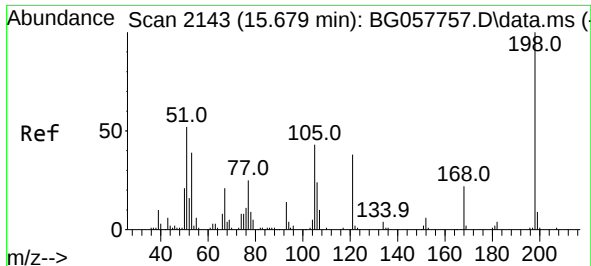
Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

80 10.5 7.6 11.4

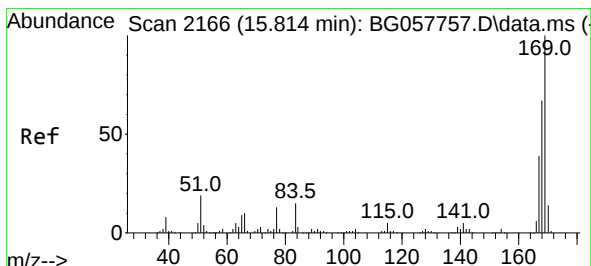
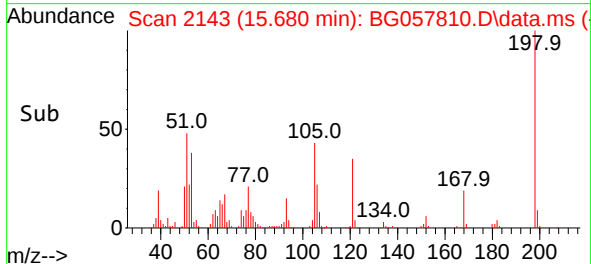
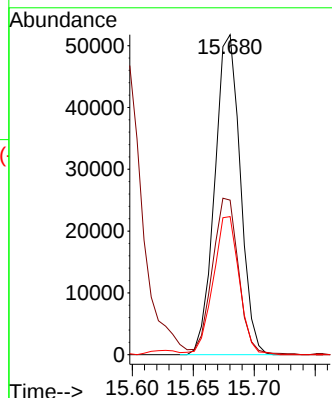
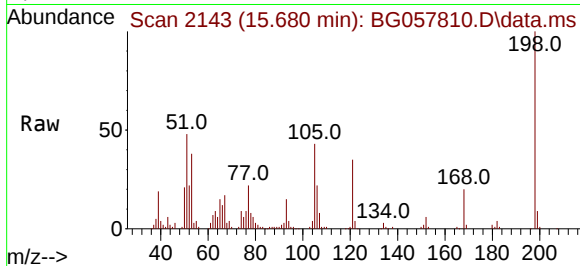




#65
4,6-Dinitro-2-methylphenol
Concen: 56.107 ng
RT: 15.680 min Scan# 2143
Delta R.T. 0.001 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

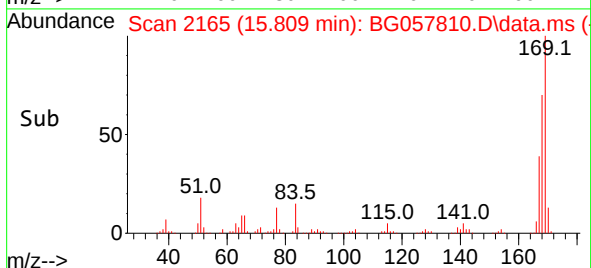
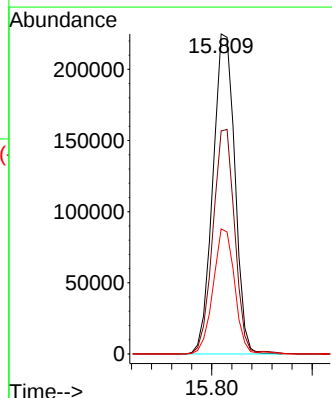
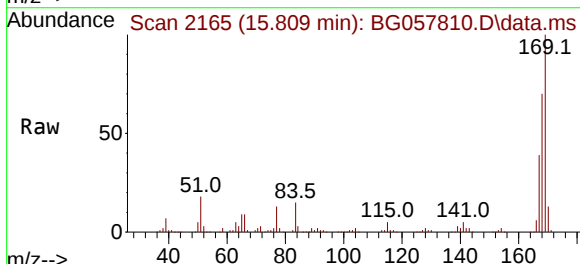
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

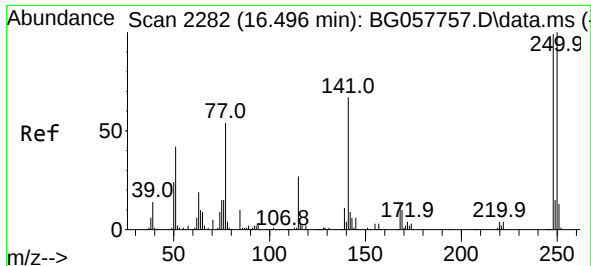
Tgt Ion:198 Resp: 75479
Ion Ratio Lower Upper
198 100
51 48.3 36.6 76.6
105 43.2 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 44.896 ng
RT: 15.809 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:169 Resp: 340876
Ion Ratio Lower Upper
169 100
168 69.7 53.4 80.2
167 39.1 31.2 46.8

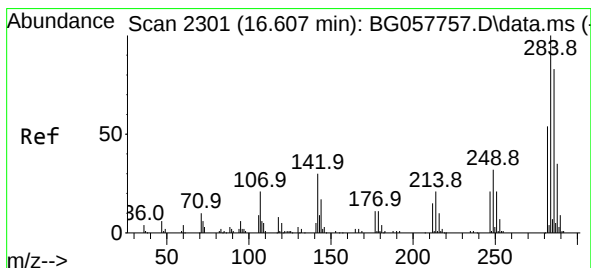
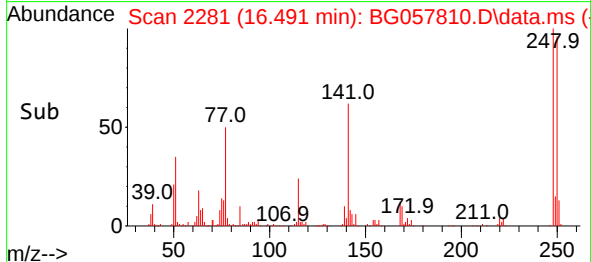
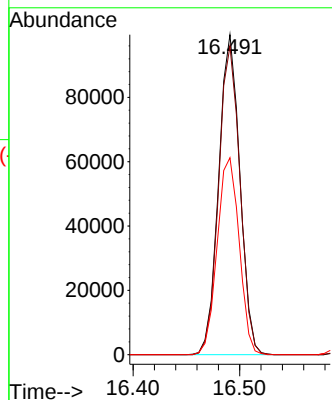
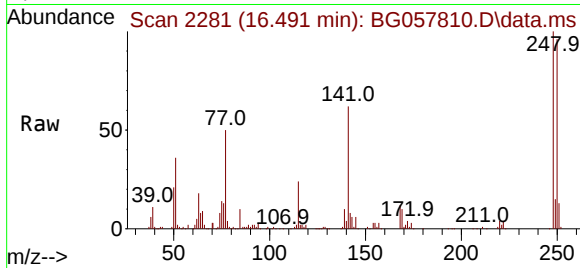




#67
4-Bromophenyl-phenylether
Concen: 44.962 ng
RT: 16.491 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

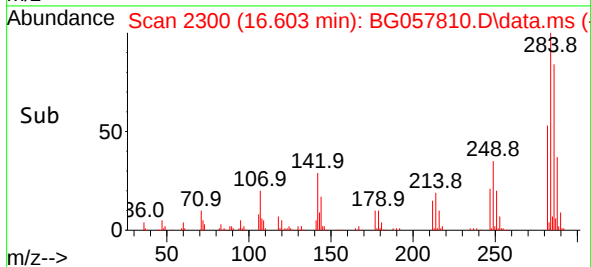
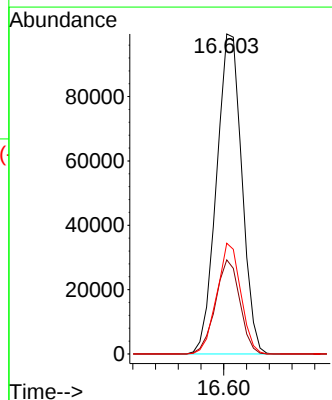
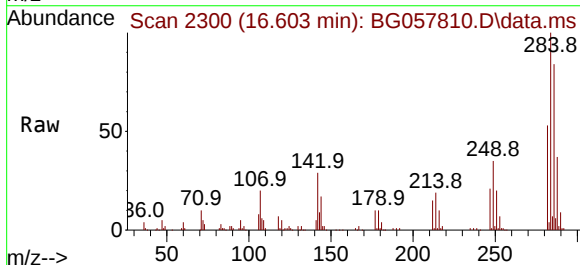
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

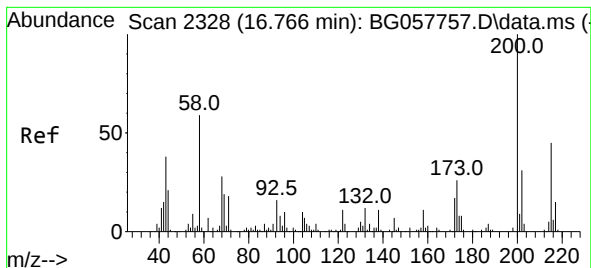
Tgt Ion:248 Resp: 137173
Ion Ratio Lower Upper
248 100
250 96.4 81.1 121.7
141 61.6 54.6 81.8



#68
Hexachlorobenzene
Concen: 49.406 ng
RT: 16.603 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:284 Resp: 153660
Ion Ratio Lower Upper
284 100
142 29.4 24.2 36.4
249 34.6 25.9 38.9





#69

Atrazine

Concen: 54.634 ng

RT: 16.761 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

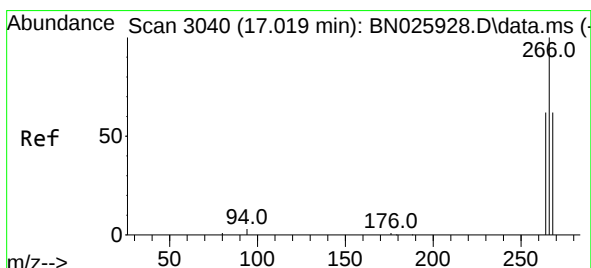
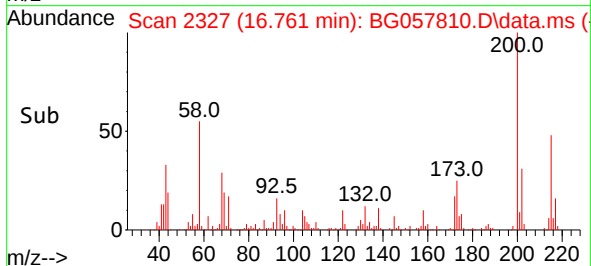
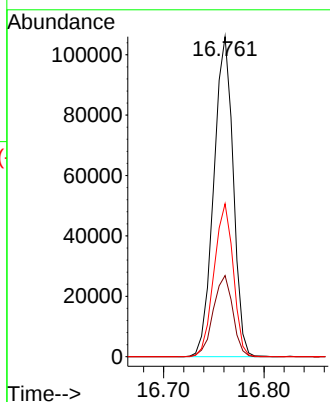
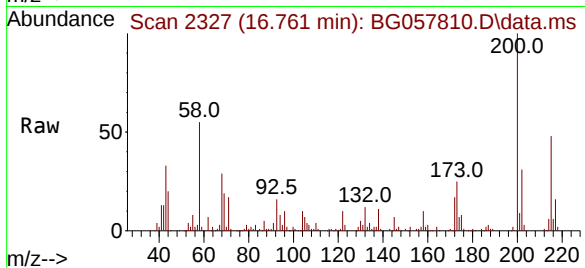
Tgt Ion:200 Resp: 142392

Ion Ratio Lower Upper

200 100

173 25.3 5.6 45.6

215 47.8 24.6 64.6



#70

Pentachlorophenol

Concen: 90.364 ng

RT: 16.949 min Scan# 2359

Delta R.T. 0.001 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

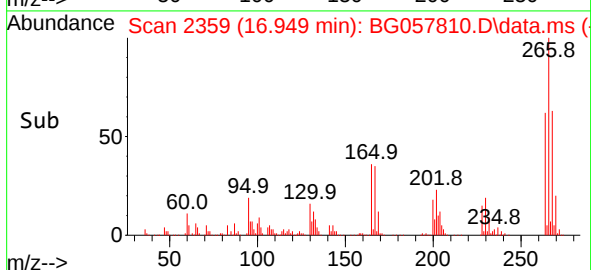
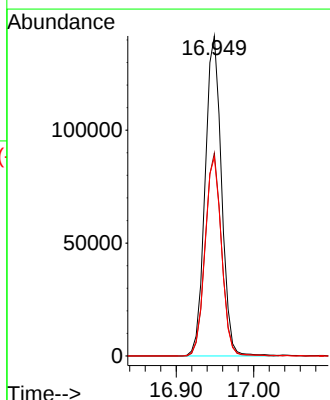
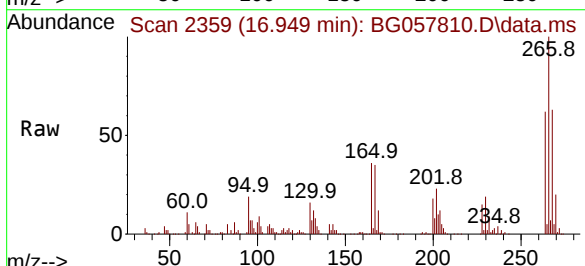
Tgt Ion:266 Resp: 207629

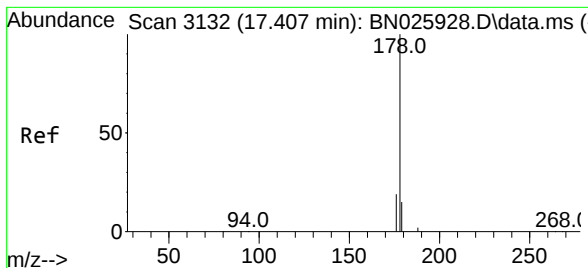
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 62.1 51.8 77.6





#71

Phenanthrene

Concen: 44.941 ng

RT: 17.343 min Scan# 2442

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

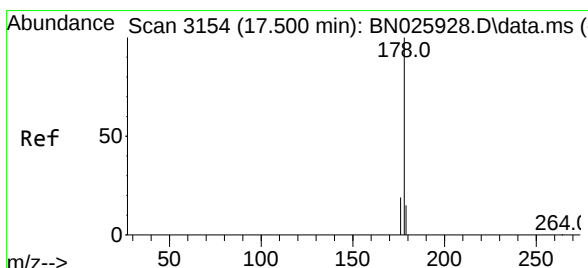
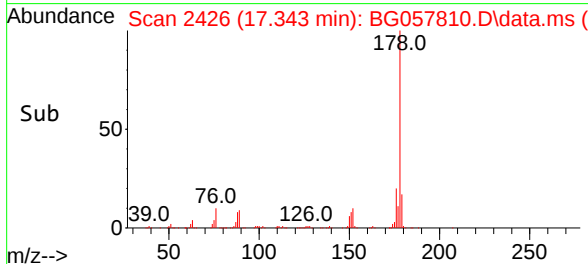
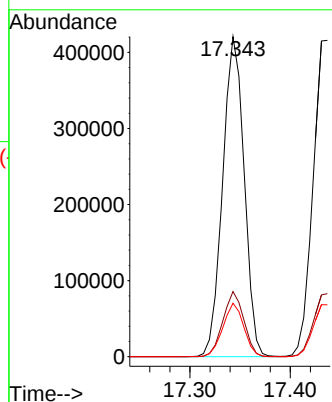
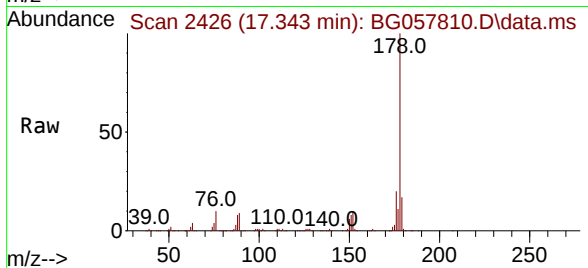
Tgt Ion:178 Resp: 625961

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

179 16.7 13.0 19.6



#72

Anthracene

Concen: 44.653 ng

RT: 17.437 min Scan# 2442

Delta R.T. 0.001 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

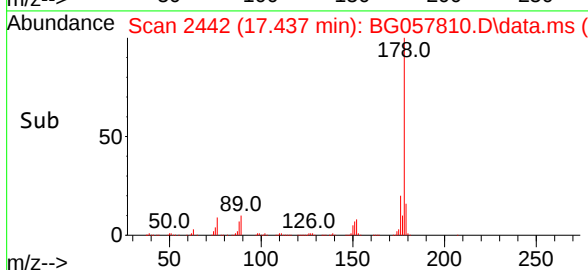
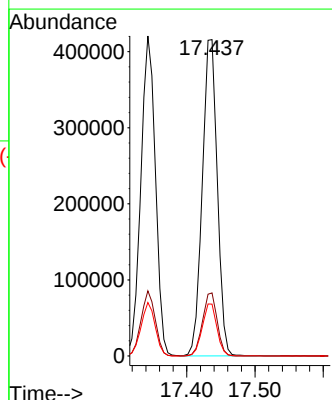
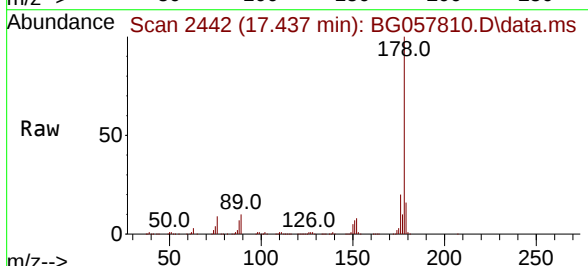
Tgt Ion:178 Resp: 635092

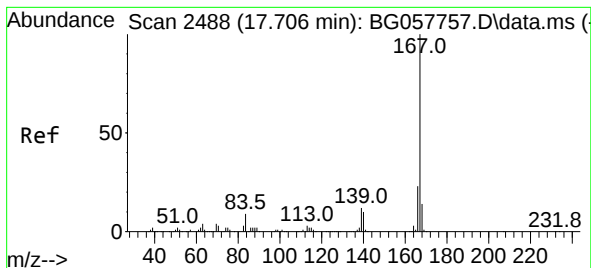
Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

179 16.4 13.3 19.9





#73

Carbazole

Concen: 45.910 ng

RT: 17.701 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

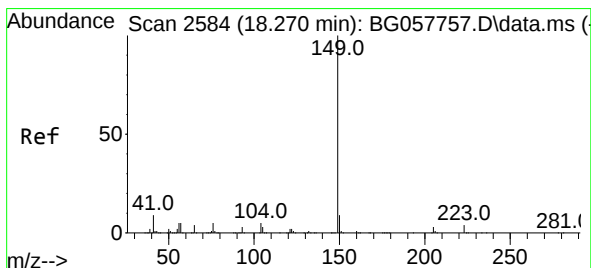
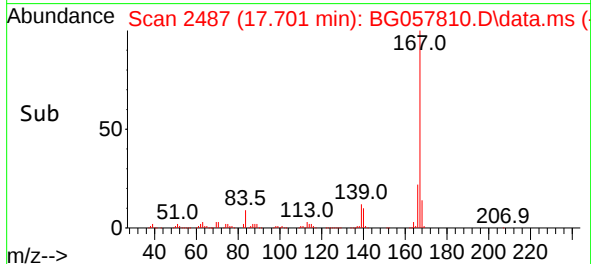
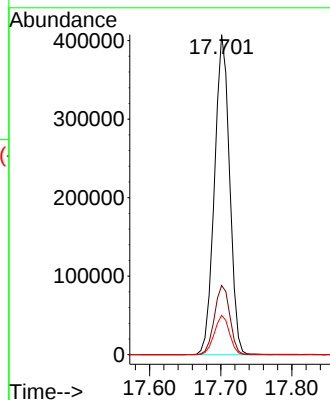
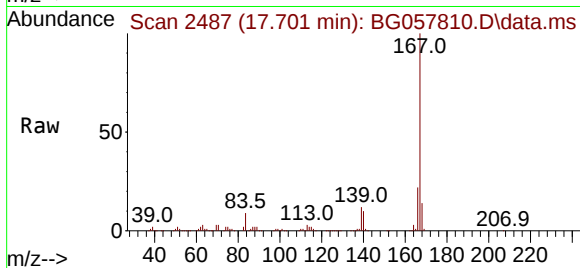
Tgt Ion:167 Resp: 602057

Ion Ratio Lower Upper

167 100

166 21.6 18.4 27.6

139 12.3 9.9 14.9



#74

Di-n-butylphthalate

Concen: 46.150 ng

RT: 18.265 min Scan# 2583

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

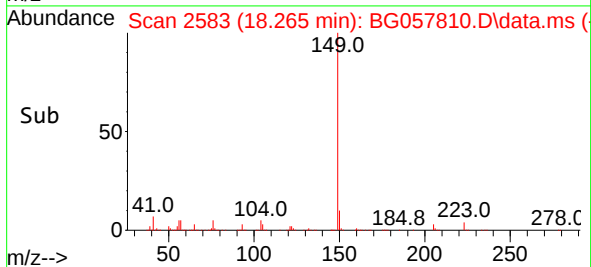
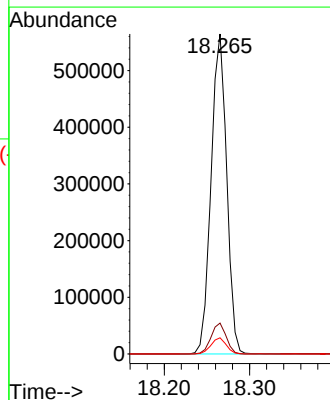
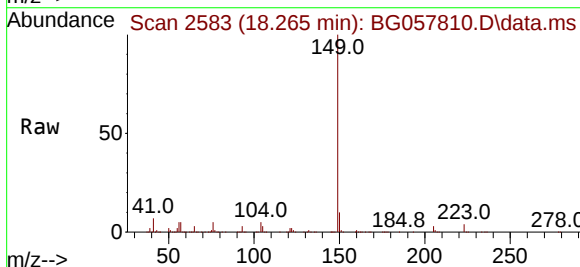
Tgt Ion:149 Resp: 716605

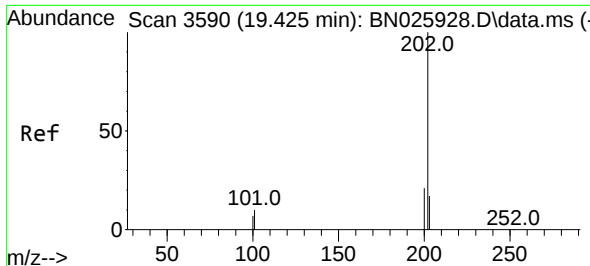
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 5.1 4.1 6.1

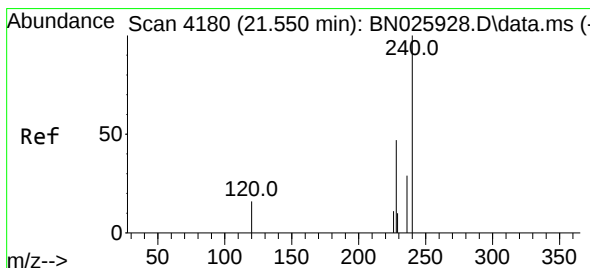
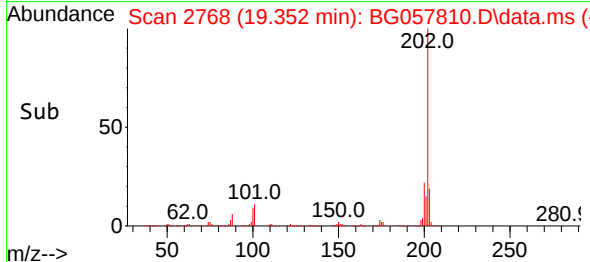
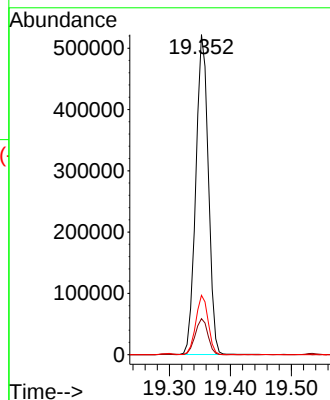
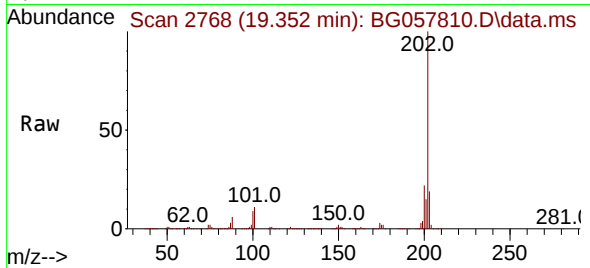




#75
Fluoranthene
Concen: 44.839 ng
RT: 19.352 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

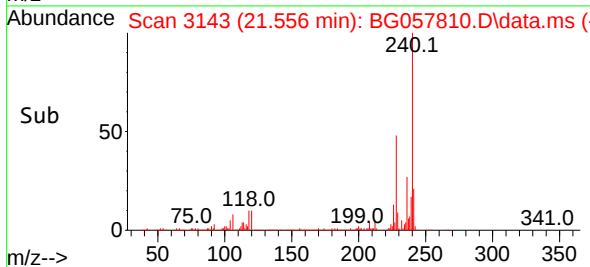
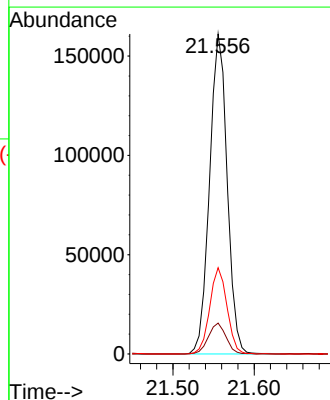
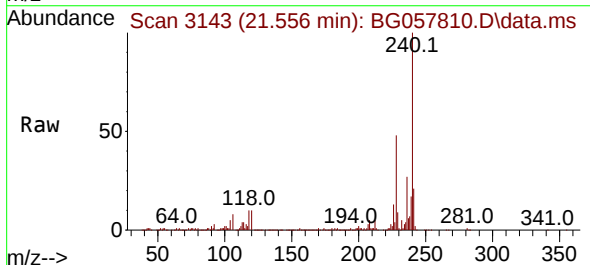
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

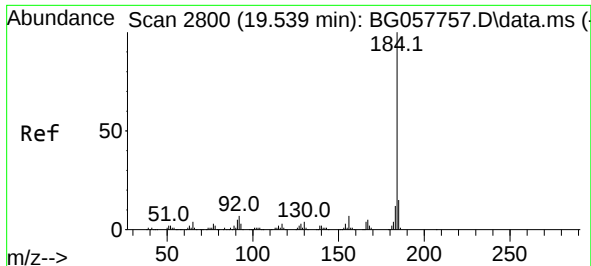
Tgt Ion:202 Resp: 744019
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 18.6 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:240 Resp: 242294
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.9 20.6 30.8

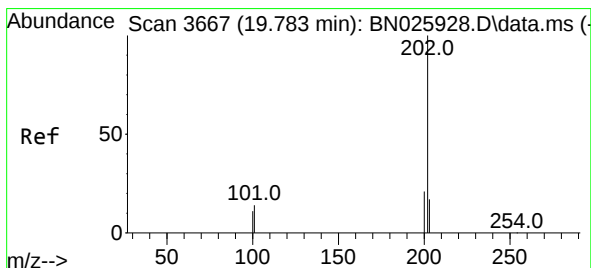
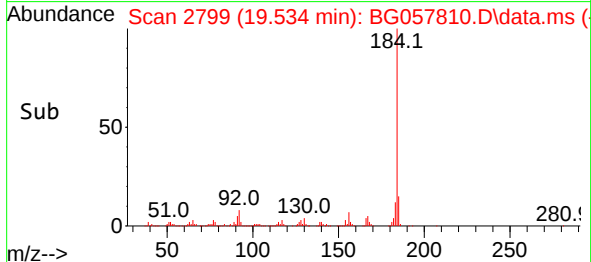
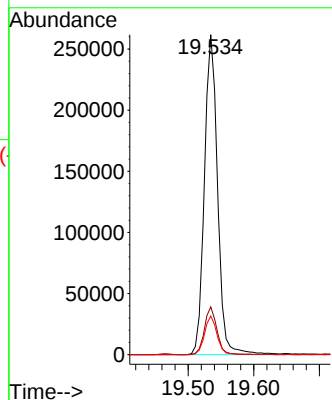
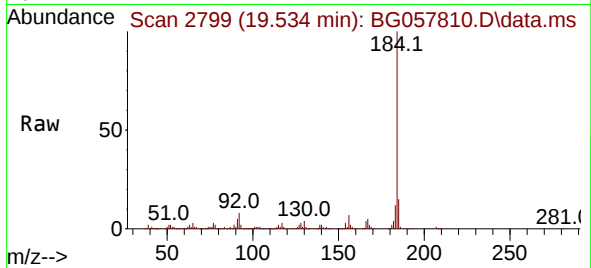




#77
Benzidine
Concen: 64.438 ng
RT: 19.534 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

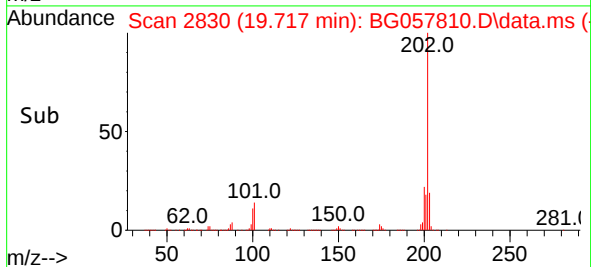
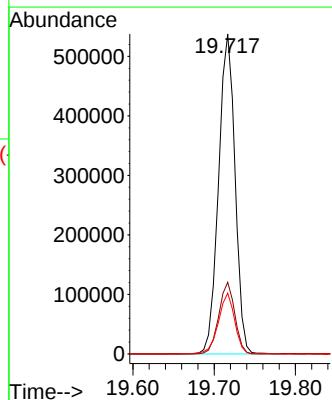
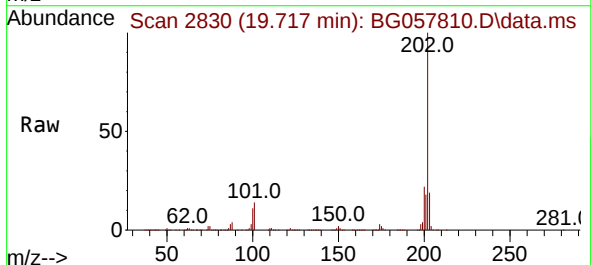
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

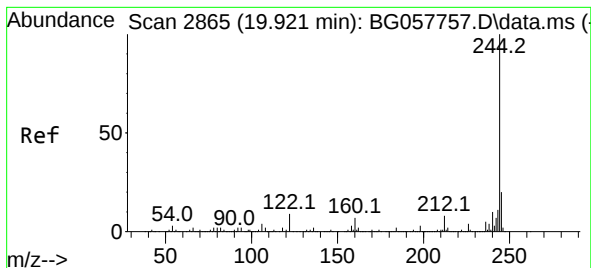
Tgt Ion:184 Resp: 365982
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 12.1 9.4 14.0



#78
Pyrene
Concen: 43.964 ng
RT: 19.717 min Scan# 2830
Delta R.T. 0.001 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:202 Resp: 759883
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.0
203 19.0 14.6 22.0





#79

Terphenyl-d14

Concen: 64.424 ng

RT: 19.916 min Scan# 2864

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

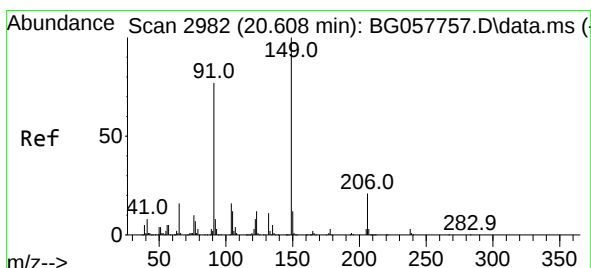
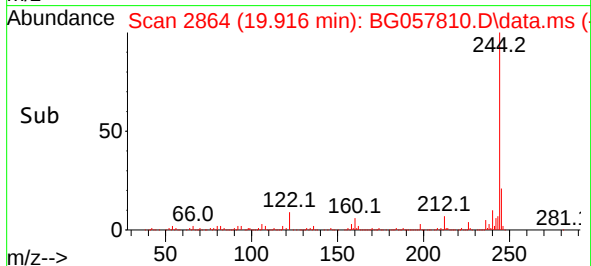
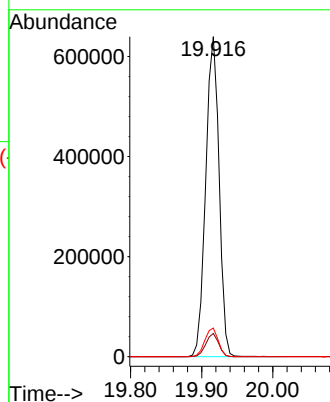
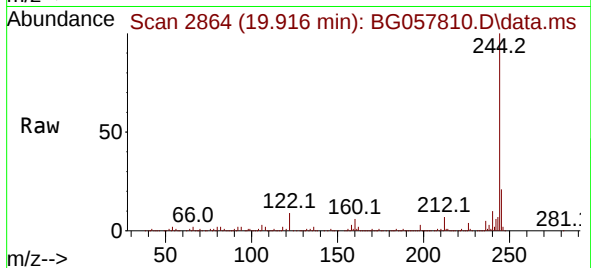
Tgt Ion:244 Resp: 837128

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 9.0 7.6 11.4



#80

Butylbenzylphthalate

Concen: 48.354 ng

RT: 20.604 min Scan# 2981

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

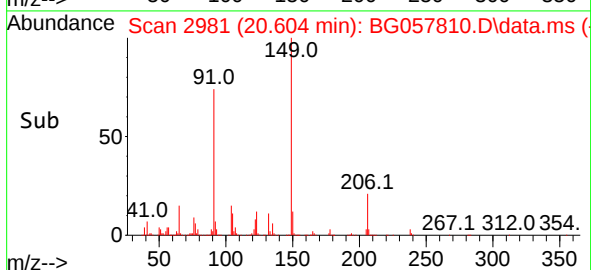
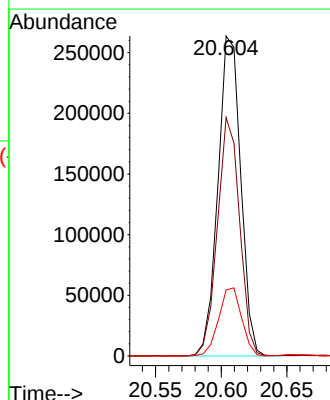
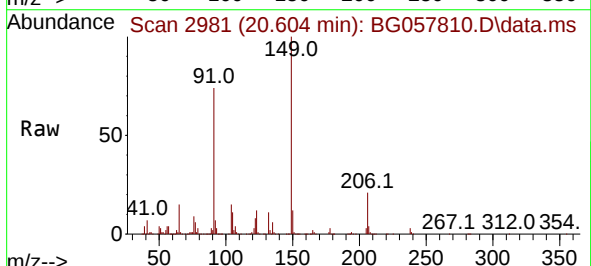
Tgt Ion:149 Resp: 317927

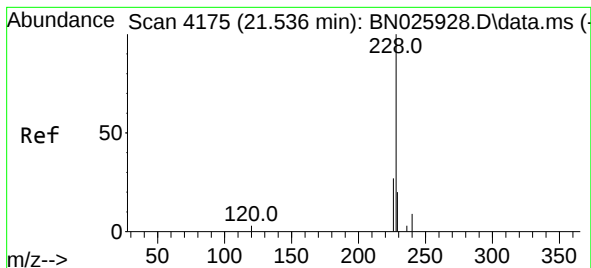
Ion Ratio Lower Upper

149 100

91 74.5 61.7 92.5

206 20.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.649 ng

RT: 21.538 min Scan# 3140

Delta R.T. 0.001 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

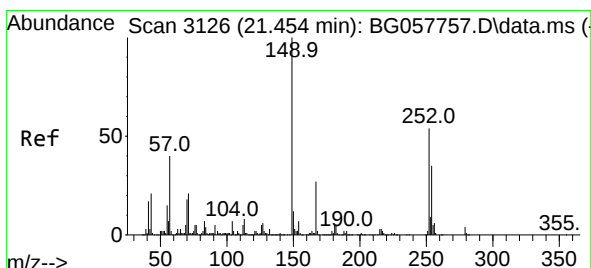
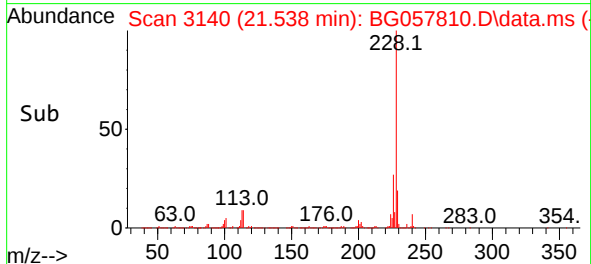
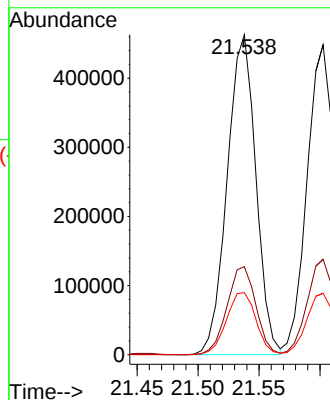
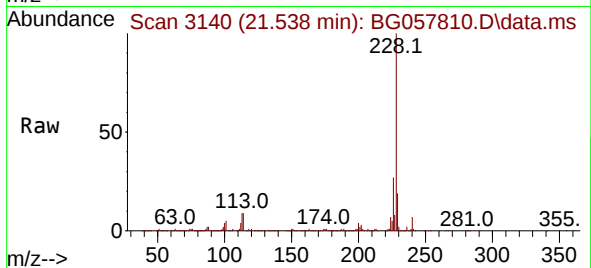
Tgt Ion:228 Resp: 758845

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

229 19.4 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 32.581 ng

RT: 21.456 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

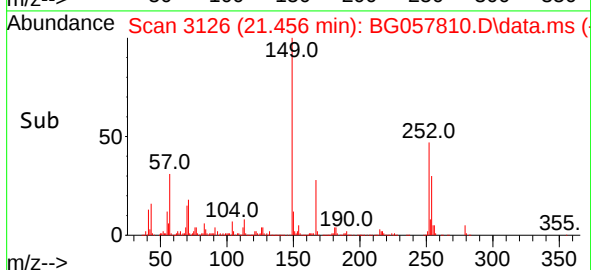
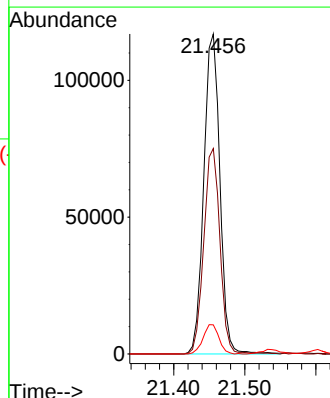
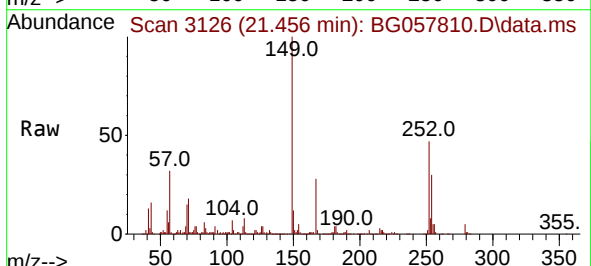
Tgt Ion:252 Resp: 184215

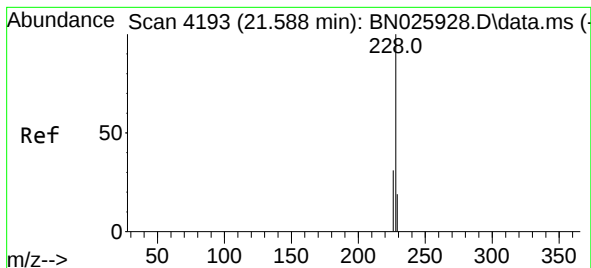
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.6

126 9.1 7.0 10.6





#83

Chrysene

Concen: 44.334 ng

RT: 21.603 min Scan# 3115

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

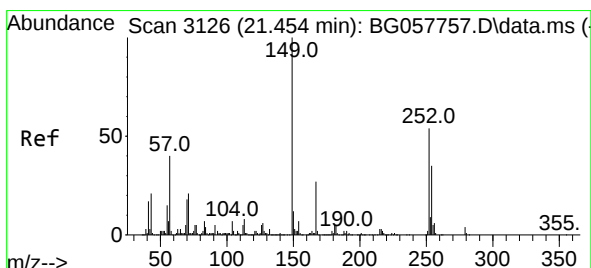
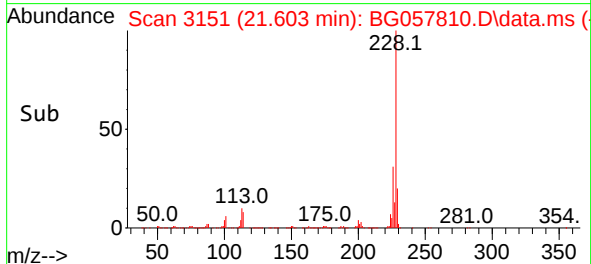
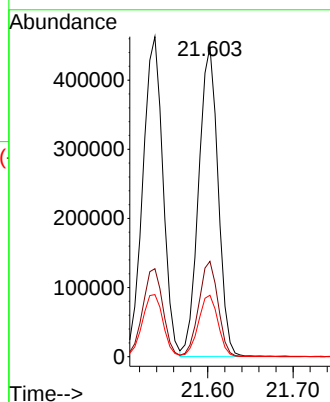
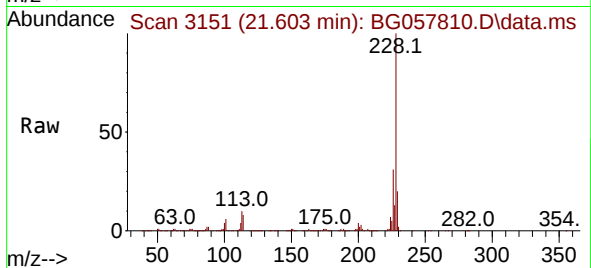
Tgt Ion:228 Resp: 707279

Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.965 ng

RT: 21.450 min Scan# 3125

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

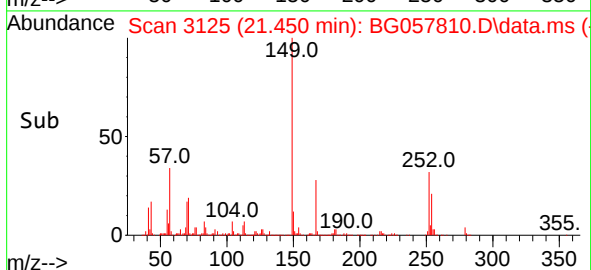
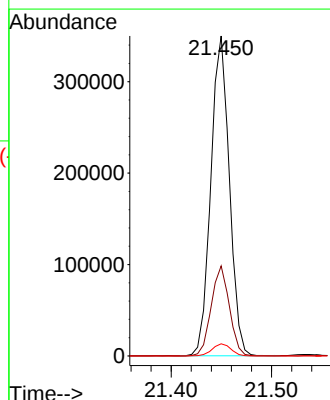
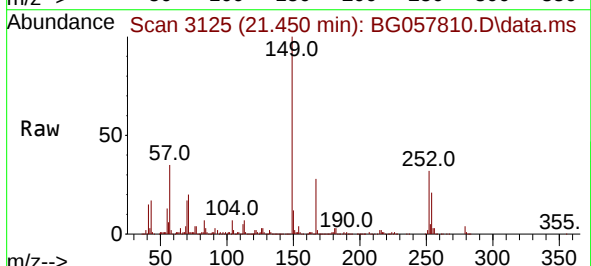
Tgt Ion:149 Resp: 448336

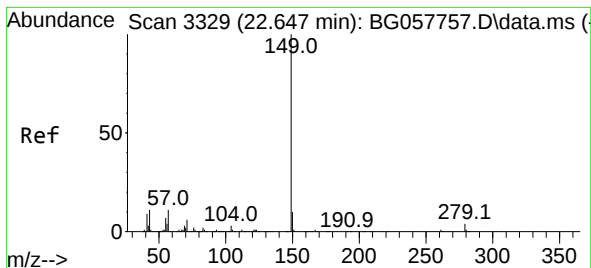
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 48.322 ng

RT: 22.637 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

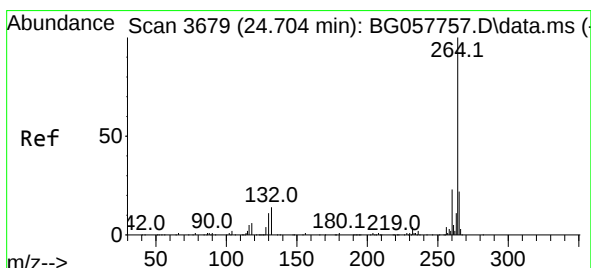
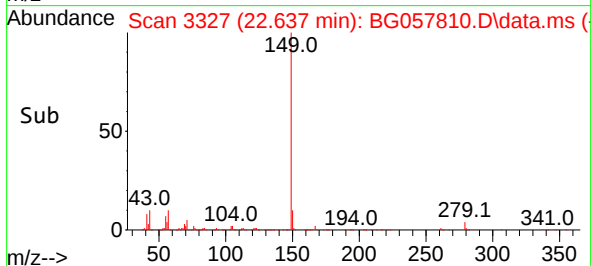
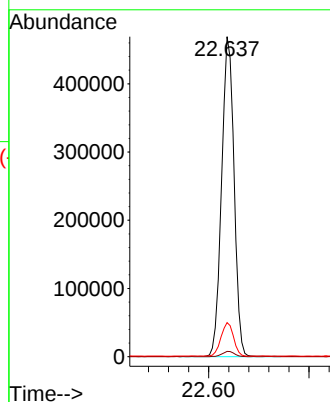
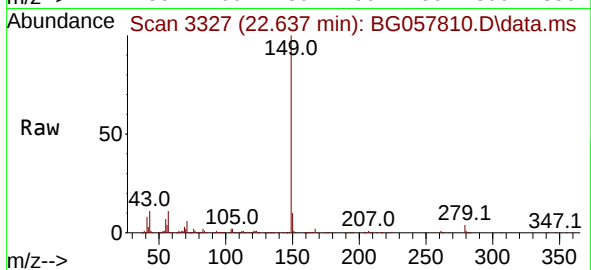
Tgt Ion:149 Resp: 809091

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.699 min Scan# 3678

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

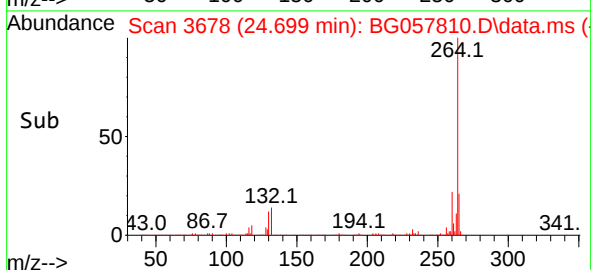
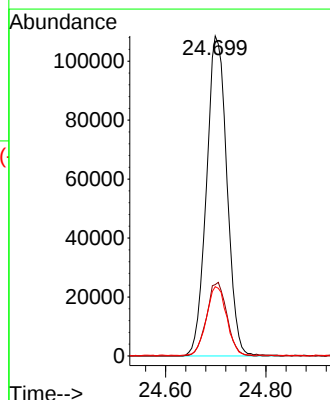
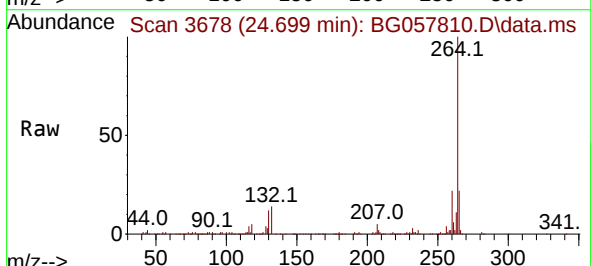
Tgt Ion:264 Resp: 306774

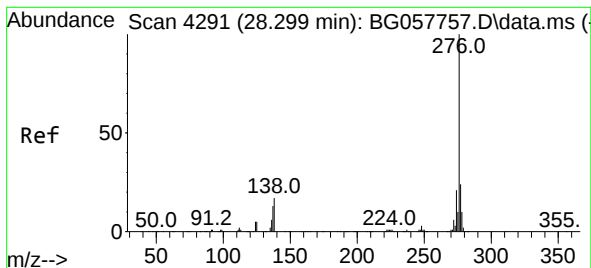
Ion Ratio Lower Upper

264 100

260 22.3 18.5 27.7

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.051 ng

RT: 28.295 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

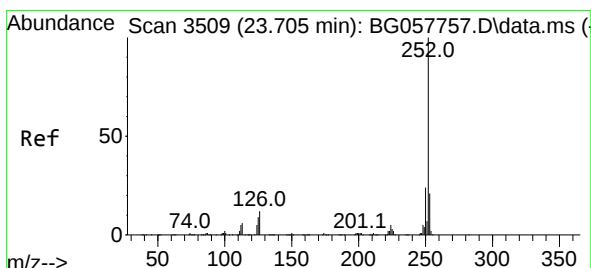
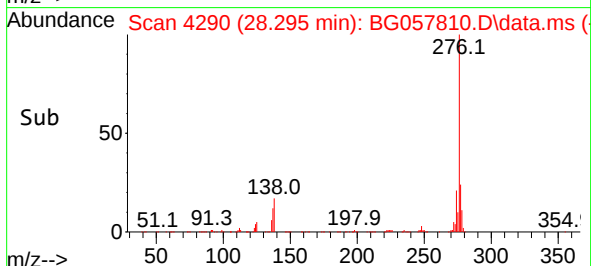
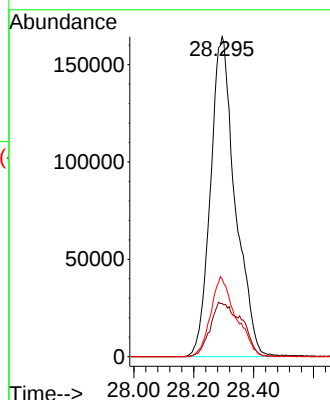
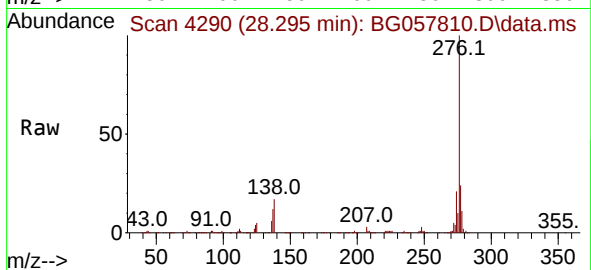
Tgt Ion:276 Resp: 943709

Ion Ratio Lower Upper

276 100

138 21.5 11.3 16.9#

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.633 ng

RT: 23.706 min Scan# 3509

Delta R.T. 0.001 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

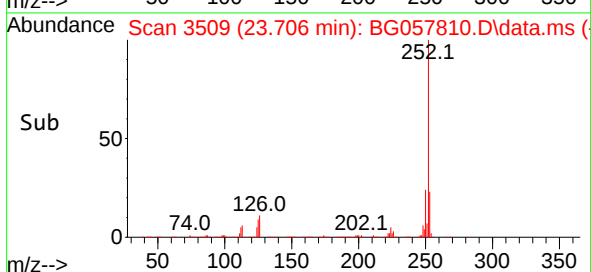
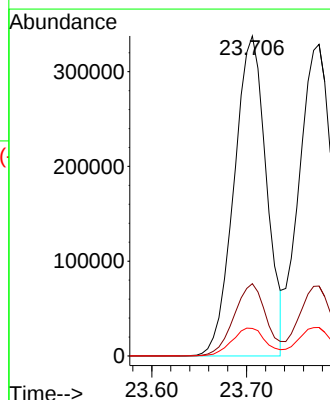
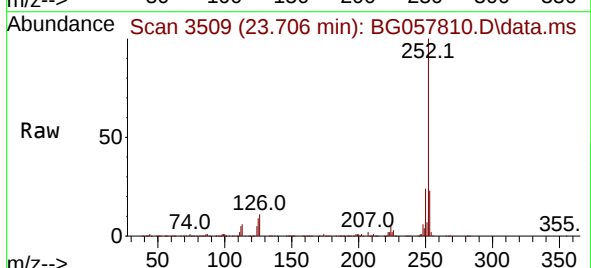
Tgt Ion:252 Resp: 800751

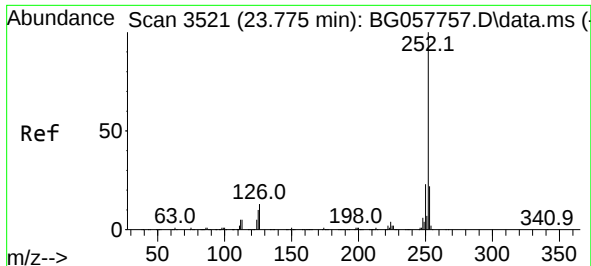
Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 8.6 7.4 11.0

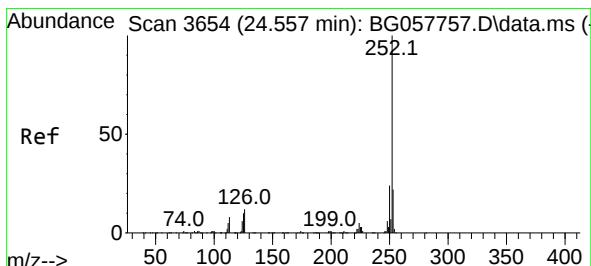
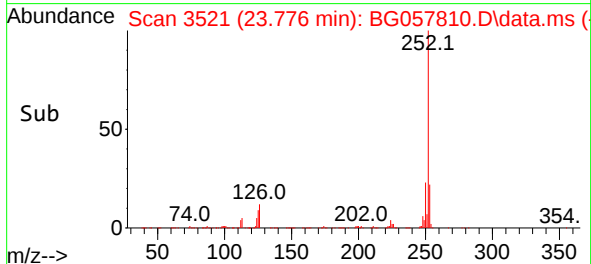
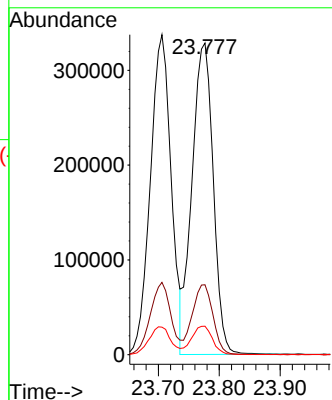
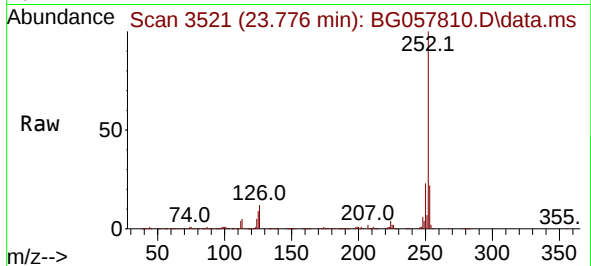




#89
Benzo(k)fluoranthene
Concen: 46.440 ng
RT: 23.776 min Scan# 3521
Delta R.T. 0.001 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

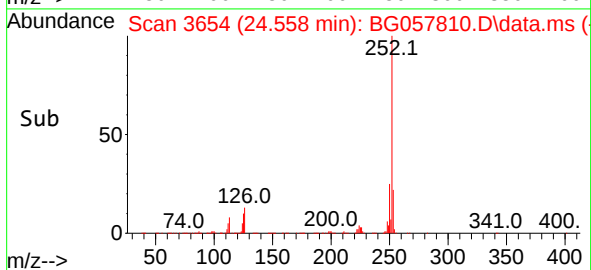
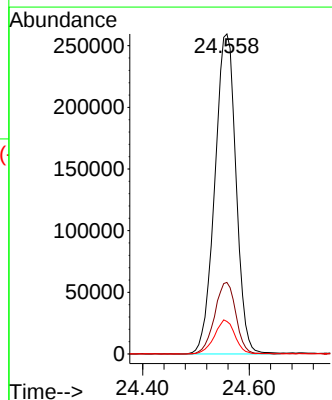
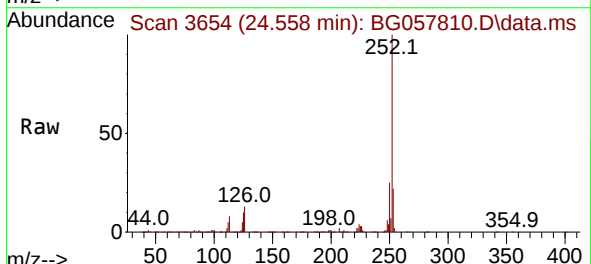
Instrument :
BNA_G
ClientSampleId :
SB-3MSD

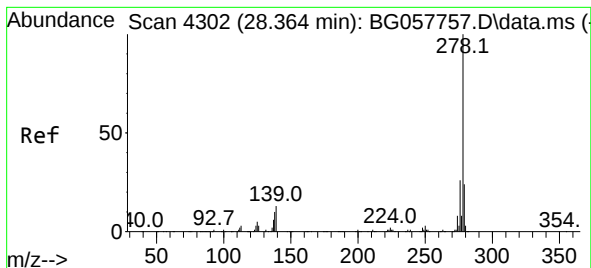
Tgt Ion:252 Resp: 795117
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 43.450 ng
RT: 24.558 min Scan# 3654
Delta R.T. 0.001 min
Lab File: BG057810.D
Acq: 22 Jun 2023 15:09

Tgt Ion:252 Resp: 717349
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.2 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 47.385 ng

RT: 28.359 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Instrument :

BNA_G

ClientSampleId :

SB-3MSD

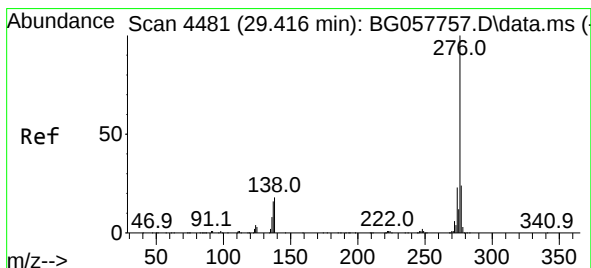
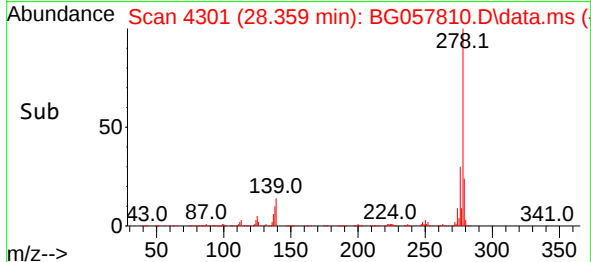
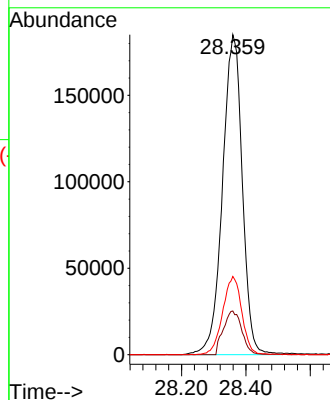
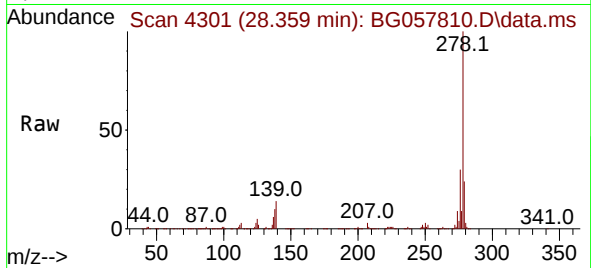
Tgt Ion:278 Resp: 788579

Ion Ratio Lower Upper

278 100

139 13.7 10.8 16.2

279 24.4 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 46.474 ng

RT: 29.417 min Scan# 4481

Delta R.T. 0.001 min

Lab File: BG057810.D

Acq: 22 Jun 2023 15:09

Tgt Ion:276 Resp: 774400

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 17.6 14.2 21.4

