

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057769.D
 Acq On : 20 Jun 2023 9:59
 Operator : CG/JU
 Sample : PB153526BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153526BS

Quant Time: Jun 20 12:07:05 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	7.926	152	31808	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	151491	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	110756	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	270504	20.000	ng	0.00
76) Chrysene-d12	21.562	240	225184	20.000	ng	0.00
86) Perylene-d12	24.712	264	280627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	295063	143.033	ng	0.00
7) Phenol-d6	7.091	99	420865	133.707	ng	0.00
23) Nitrobenzene-d5	9.089	82	234715	79.519	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	184411	119.528	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	556176	76.165	ng	0.00
79) Terphenyl-d14	19.923	244	1013976	83.964	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.401	88	39311	41.863	ng	100
3) Pyridine	3.795	79	92799	32.447	ng	99
4) n-Nitrosodimethylamine	3.713	42	56094	42.924	ng	96
6) Aniline	7.250	93	118809	29.479	ng	98
8) 2-Chlorophenol	7.491	128	108497	51.124	ng	100
9) Benzaldehyde	7.062	77	28422	14.360	ng	96
10) Phenol	7.115	94	158667	51.196	ng	99
11) bis(2-Chloroethyl)ether	7.350	93	105792	44.398	ng	95
12) 1,3-Dichlorobenzene	7.820	146	98909	45.796	ng	95
13) 1,4-Dichlorobenzene	7.961	146	100982	46.145	ng	96
14) 1,2-Dichlorobenzene	8.284	146	100274	47.355	ng	98
15) Benzyl Alcohol	8.166	79	109870	45.649	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.454	45	200361	43.772	ng	99
17) 2-Methylphenol	8.366	107	107095	46.983	ng	98
18) Hexachloroethane	9.012	117	35757	46.339	ng	94
19) n-Nitroso-di-n-propyla...	8.736	70	91249	41.581	ng	98
20) 3+4-Methylphenols	8.695	107	146827	46.632	ng	98
22) Acetophenone	8.748	105	175465	41.304	ng	99
24) Nitrobenzene	9.130	77	128315	41.769	ng	100
25) Isophorone	9.653	82	260804	38.674	ng	99
26) 2-Nitrophenol	9.841	139	49069	50.207	ng	95
27) 2,4-Dimethylphenol	9.900	122	113175	46.772	ng	100
28) bis(2-Chloroethoxy)met...	10.141	93	151959	41.843	ng	99
29) 2,4-Dichlorophenol	10.376	162	108693	47.303	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	108537	42.377	ng	99
31) Naphthalene	10.781	128	329430	40.858	ng	99
32) Benzoic acid	10.029	122	82142	46.108	ng	99
33) 4-Chloroaniline	10.887	127	63952	17.118	ng	98
34) Hexachlorobutadiene	11.069	225	64699	41.405	ng	97
35) Caprolactam	11.662	113	22020	23.616	ng	95
36) 4-Chloro-3-methylphenol	12.009	107	139499	46.485	ng	99
37) 2-Methylnaphthalene	12.391	142	233372	39.710	ng	97
38) 1-Methylnaphthalene	12.608	142	222737	40.149	ng	99
40) 1,2,4,5-Tetrachloroben...	12.755	216	125828	40.980	ng	98
41) Hexachlorocyclopentadiene	12.738	237	160498	98.458	ng	97
43) 2,4,6-Trichlorophenol	12.996	196	96897	44.073	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057769.D
 Acq On : 20 Jun 2023 9:59
 Operator : CG/JU
 Sample : PB153526BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153526BS

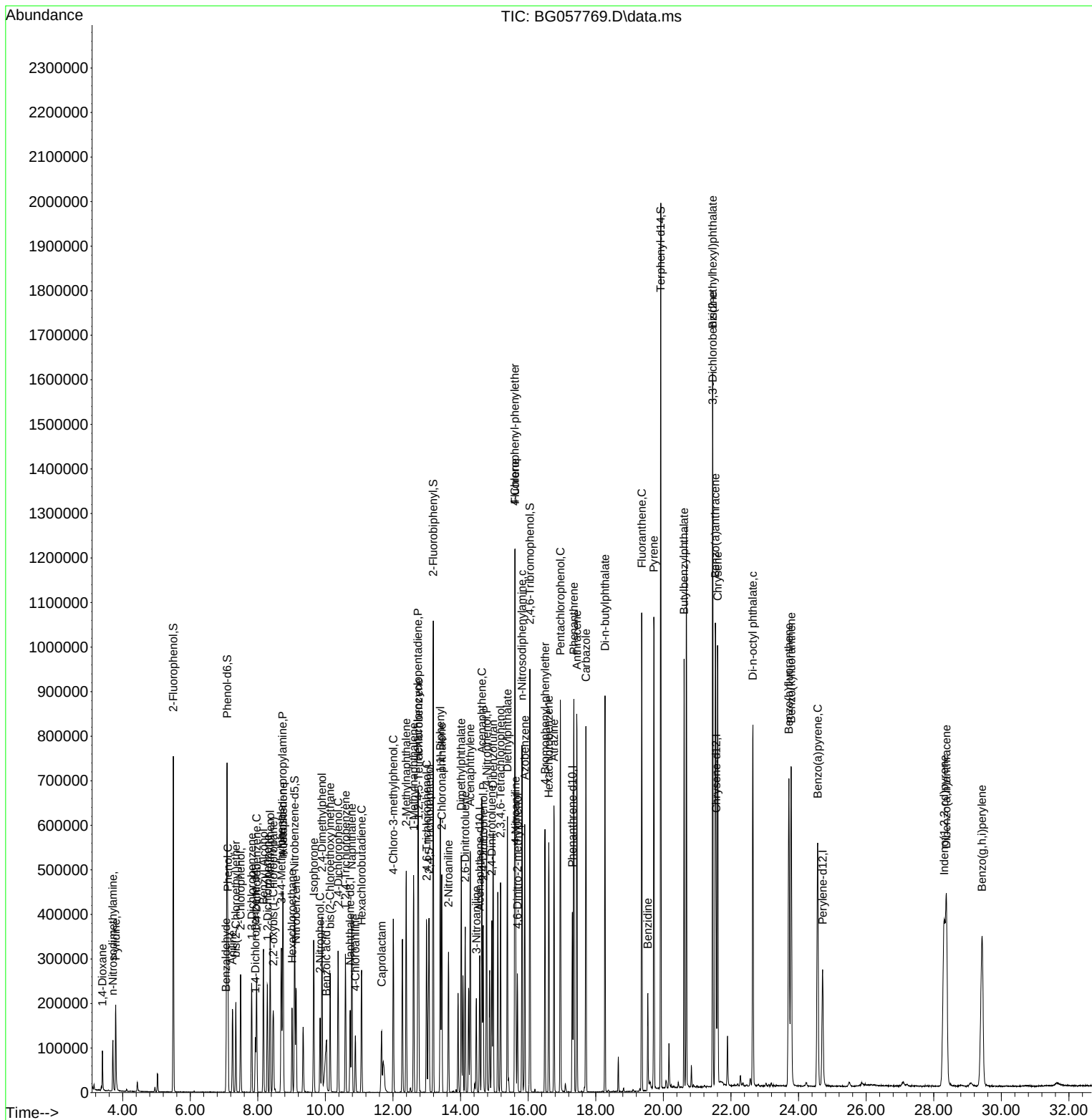
Quant Time: Jun 20 12:07:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

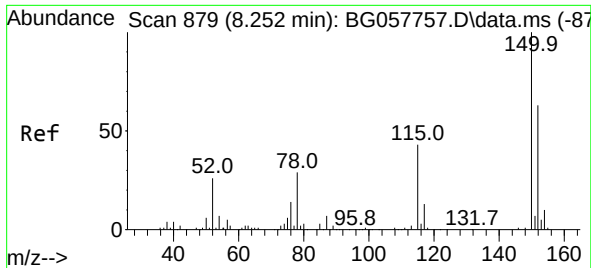
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.067	196	107993	42.140	ng	97
46) 1,1'-Biphenyl	13.401	154	314090	41.301	ng	97
47) 2-Chloronaphthalene	13.443	162	245009	41.936	ng	98
48) 2-Nitroaniline	13.642	65	94506	45.519	ng	98
49) Acenaphthylene	14.283	152	405996	40.486	ng	98
50) Dimethylphthalate	14.018	163	345255	40.586	ng	98
51) 2,6-Dinitrotoluene	14.136	165	71580	45.695	ng	99
52) Acenaphthene	14.629	154	241706	38.934	ng	99
53) 3-Nitroaniline	14.465	138	44236	25.058	ng #	99
54) 2,4-Dinitrophenol	14.671	184	73697	87.836	ng	96
55) Dibenzofuran	14.964	168	399622	40.033	ng	99
56) 4-Nitrophenol	14.770	139	134394	95.794	ng	98
57) 2,4-Dinitrotoluene	14.923	165	101779	47.912	ng	97
58) Fluorene	15.611	166	319612	40.448	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	98635	45.162	ng	99
60) Diethylphthalate	15.387	149	359576	41.202	ng	99
61) 4-Chlorophenyl-phenyle...	15.605	204	170223	40.515	ng	97
62) 4-Nitroaniline	15.628	138	77397	43.005	ng	96
63) Azobenzene	15.899	77	357363	40.031	ng	99
65) 4,6-Dinitro-2-methylph...	15.681	198	53464	43.575	ng	97
66) n-Nitrosodiphenylamine	15.816	169	292026	40.903	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	115127	40.131	ng	95
68) Hexachlorobenzene	16.609	284	125255	42.829	ng	96
69) Atrazine	16.762	200	112770	46.014	ng	97
70) Pentachlorophenol	16.950	266	172046	79.630	ng	99
71) Phenanthrene	17.350	178	537268	41.021	ng	100
72) Anthracene	17.438	178	553929	41.418	ng	99
73) Carbazole	17.708	167	524169	42.507	ng	100
74) Di-n-butylphthalate	18.272	149	631208	43.231	ng	99
75) Fluoranthene	19.359	202	647279	41.485	ng	100
77) Benzidine	19.541	184	147061	27.860	ng	98
78) Pyrene	19.718	202	664485	41.366	ng	100
80) Butylbenzylphthalate	20.611	149	273354	44.734	ng	98
81) Benzo(a)anthracene	21.539	228	664747	43.026	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	202508	38.538	ng	100
83) Chrysene	21.604	228	616480	41.578	ng	99
84) Bis(2-ethylhexyl)phtha...	21.457	149	384826	43.375	ng	99
85) Di-n-octyl phthalate	22.649	149	694302	44.617	ng	99
87) Indeno(1,2,3-cd)pyrene	28.308	276	823181	44.865	ng #	93
88) Benzo(b)fluoranthene	23.713	252	707179	45.986	ng	100
89) Benzo(k)fluoranthene	23.783	252	676302	43.181	ng	99
90) Benzo(a)pyrene	24.565	252	619607	41.026	ng	99
91) Dibenzo(a,h)anthracene	28.372	278	689248	45.276	ng	99
92) Benzo(g,h,i)perylene	29.430	276	672959	44.149	ng	99

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

Instrument :
BNA_G
ClientSampleId :
PB153526BS

Quant Time: Jun 20 12:07:05 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

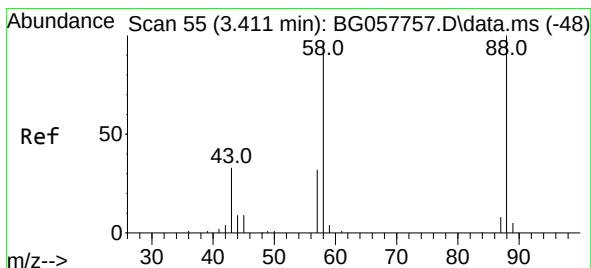
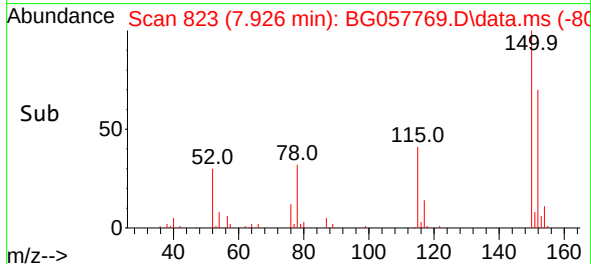
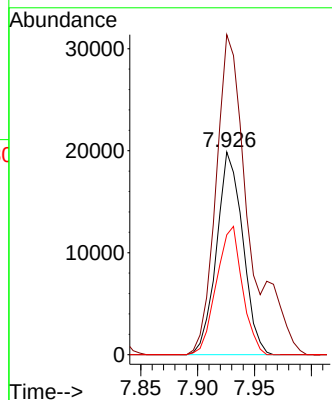
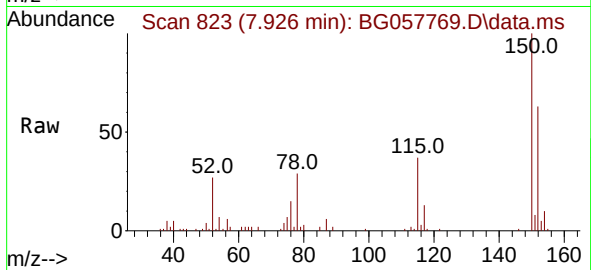




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.926 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG057769.D
 Acq: 20 Jun 2023 9:59

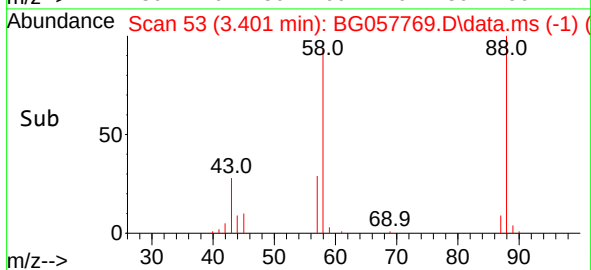
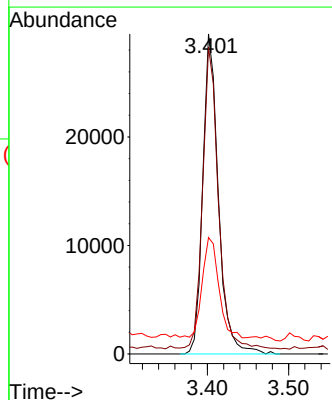
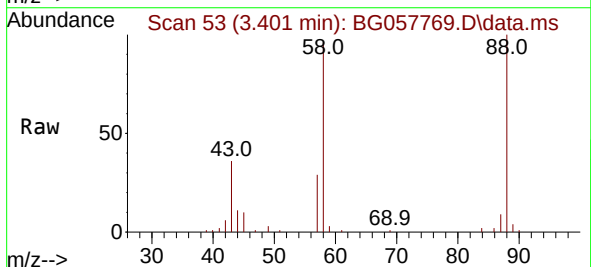
Instrument :
 BNA_G
 ClientSampleId :
 PB153526BS

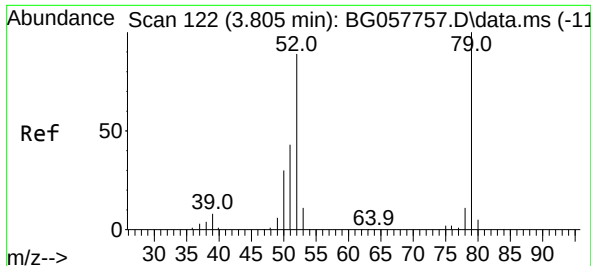
Tgt Ion:152 Resp: 31808
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.6 189.8
 115 59.2 48.9 73.3



#2
 1,4-Dioxane
 Concen: 41.863 ng
 RT: 3.401 min Scan# 53
 Delta R.T. -0.010 min
 Lab File: BG057769.D
 Acq: 20 Jun 2023 9:59

Tgt Ion: 88 Resp: 39311
 Ion Ratio Lower Upper
 88 100
 58 94.9 76.2 114.4
 43 32.6 26.3 39.5

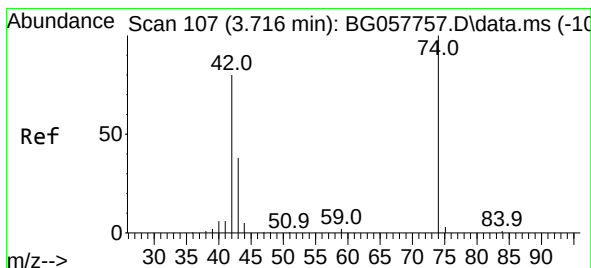
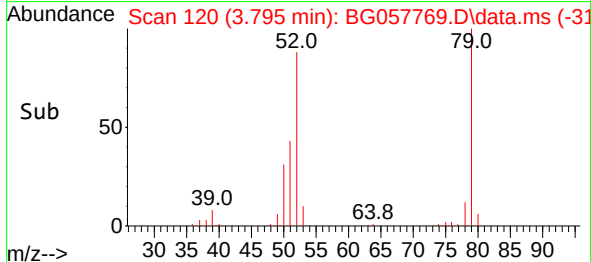
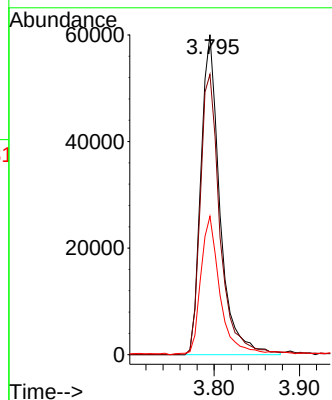
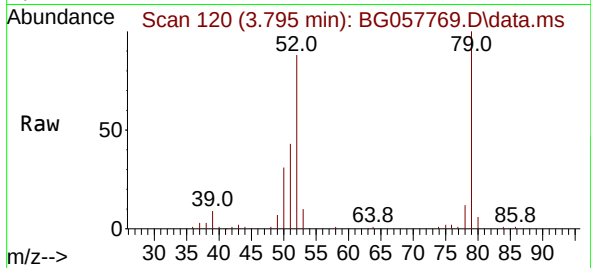




#3
Pyridine
Concen: 32.447 ng
RT: 3.795 min Scan# 111
Delta R.T. -0.010 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

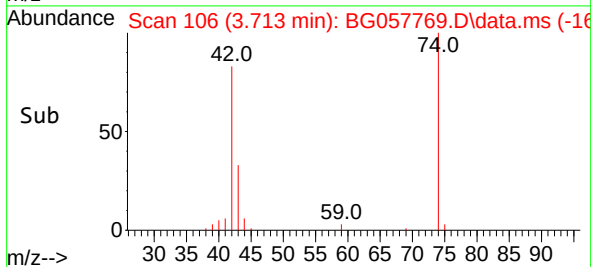
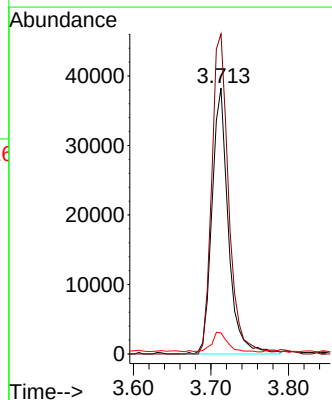
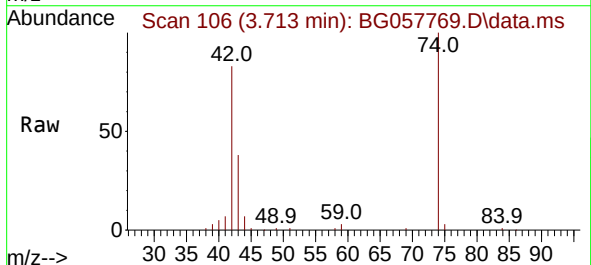
Instrument :
BNA_G
ClientSampleId :
PB153526BS

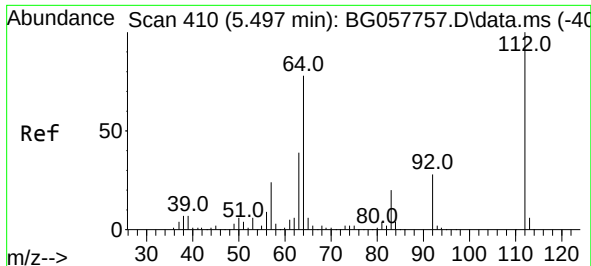
Tgt Ion: 79 Resp: 92799
Ion Ratio Lower Upper
79 100
52 87.6 71.4 107.0
51 43.3 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 42.924 ng
RT: 3.713 min Scan# 106
Delta R.T. -0.003 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion: 42 Resp: 56094
Ion Ratio Lower Upper
42 100
74 120.4 99.9 149.9
44 7.9 6.0 9.0

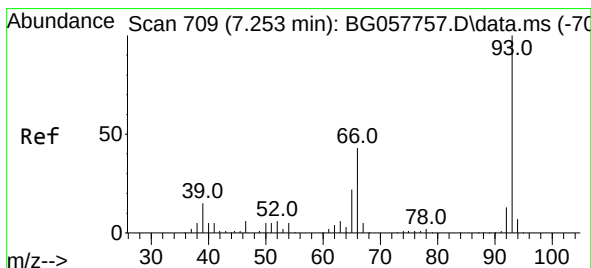
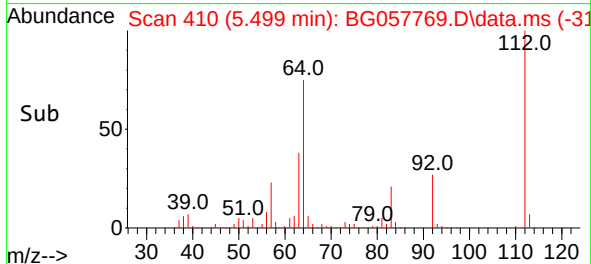
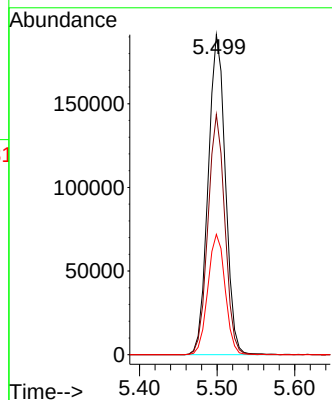
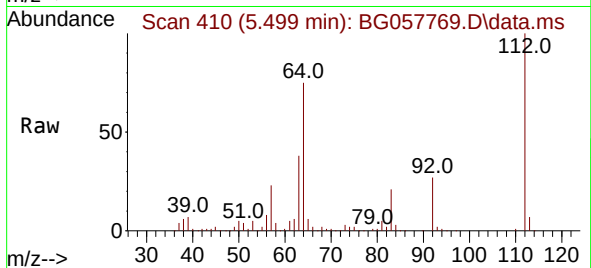




#5
2-Fluorophenol
Concen: 143.033 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

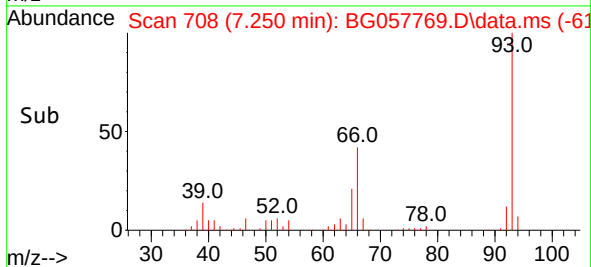
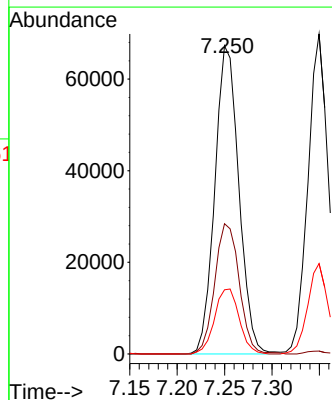
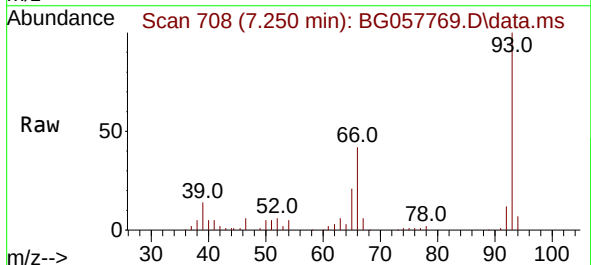
Instrument :
BNA_G
ClientSampleId :
PB153526BS

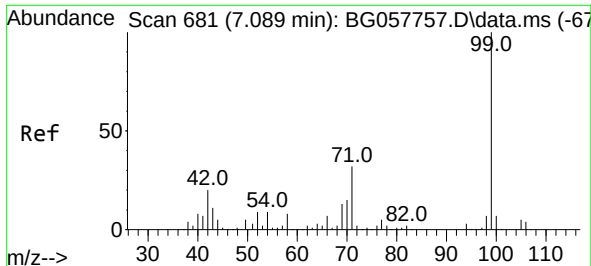
Tgt Ion:112 Resp: 295063
Ion Ratio Lower Upper
112 100
64 75.0 62.1 93.1
63 37.6 31.5 47.3



#6
Aniline
Concen: 29.479 ng
RT: 7.250 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion: 93 Resp: 118809
Ion Ratio Lower Upper
93 100
66 42.2 34.5 51.7
65 20.8 17.4 26.2

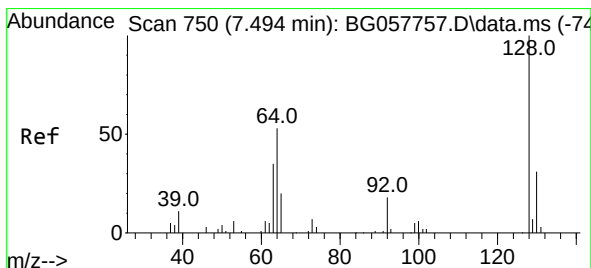
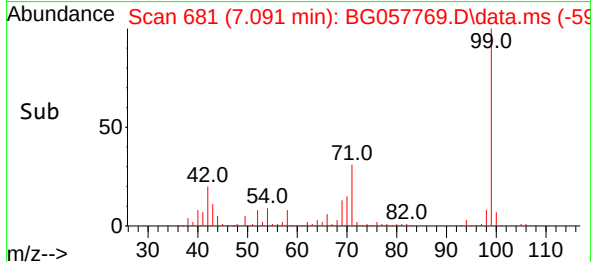
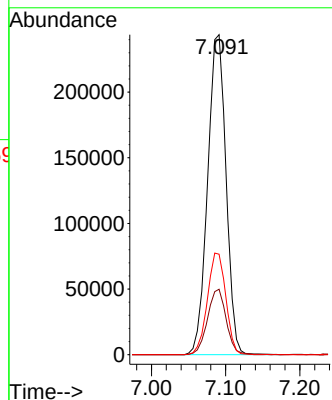
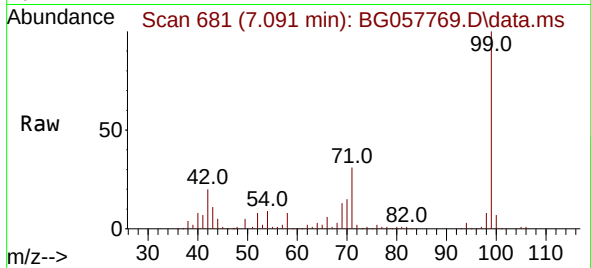




#7
Phenol-d6
Concen: 133.707 ng
RT: 7.091 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

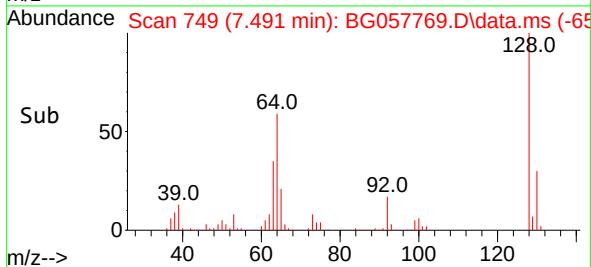
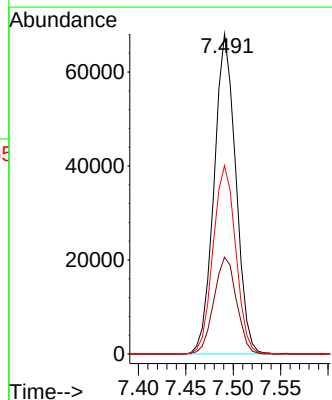
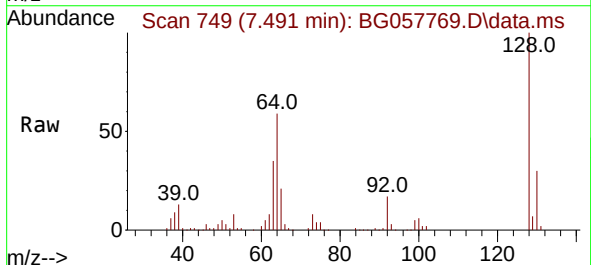
Instrument :
BNA_G
ClientSampleId :
PB153526BS

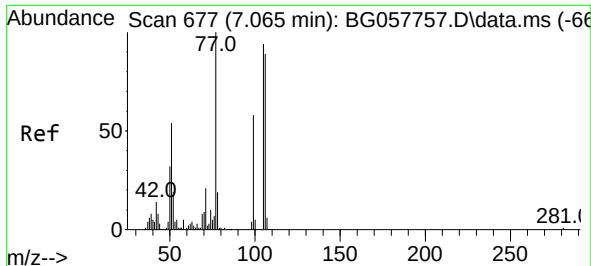
Tgt Ion: 99 Resp: 420865
Ion Ratio Lower Upper
99 100
42 20.4 16.4 24.6
71 31.4 25.8 38.6



#8
2-Chlorophenol
Concen: 51.124 ng
RT: 7.491 min Scan# 749
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:128 Resp: 108497
Ion Ratio Lower Upper
128 100
130 30.3 10.6 50.6
64 58.9 39.1 79.1

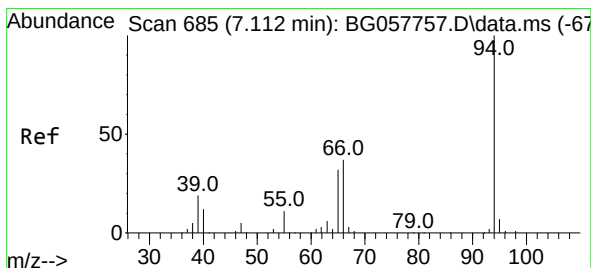
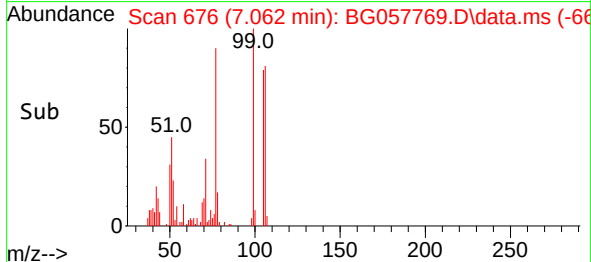
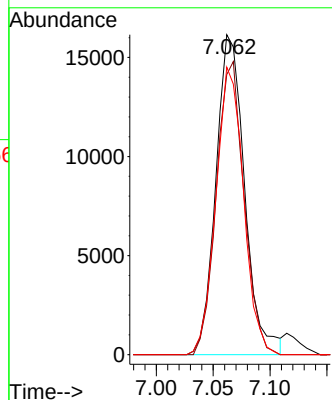
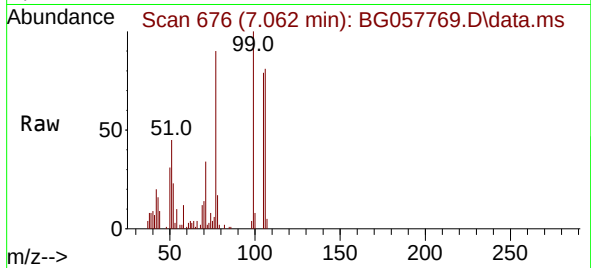




#9
Benzaldehyde
Concen: 14.360 ng
RT: 7.062 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

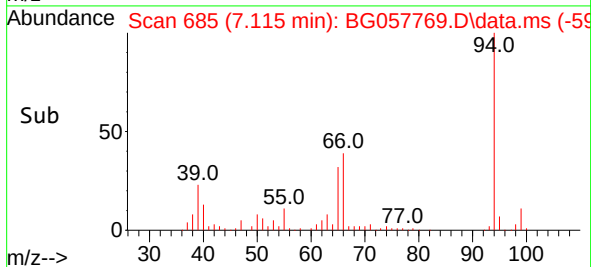
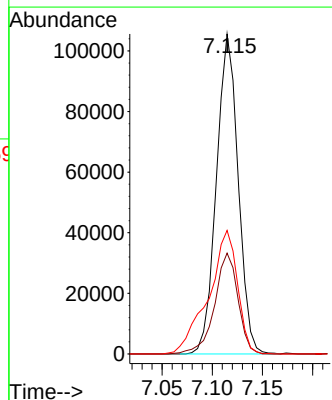
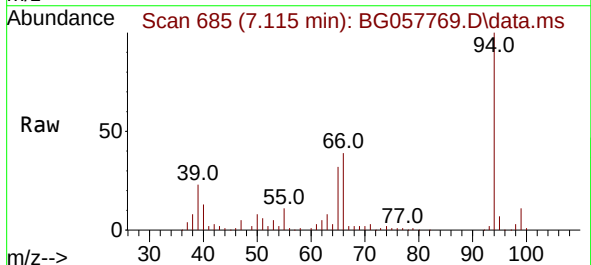
Instrument :
BNA_G
ClientSampleId :
PB153526BS

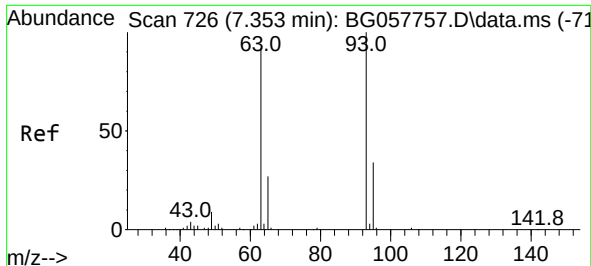
Tgt Ion: 77 Resp: 28422
Ion Ratio Lower Upper
77 100
105 87.6 73.7 113.7
106 89.9 69.0 109.0



#10
Phenol
Concen: 51.196 ng
RT: 7.115 min Scan# 685
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion: 94 Resp: 158667
Ion Ratio Lower Upper
94 100
65 31.5 12.2 52.2
66 38.6 18.3 58.3

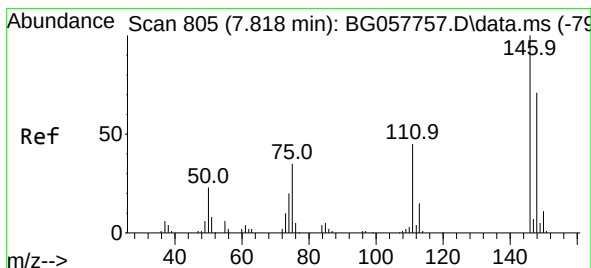
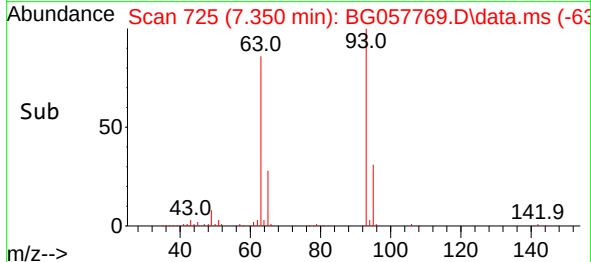
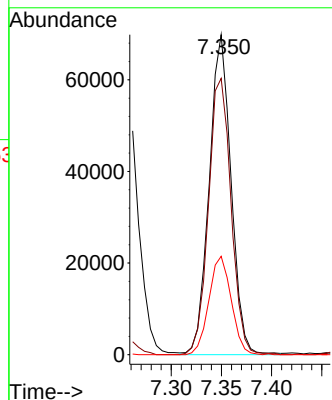
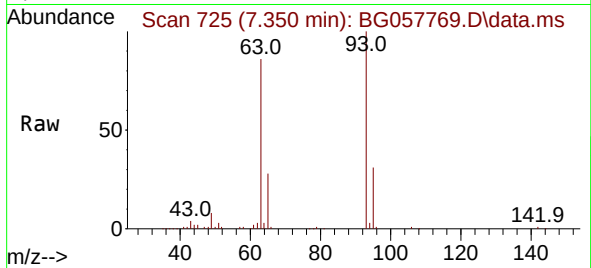




#11
bis(2-Chloroethyl)ether
Concen: 44.398 ng
RT: 7.350 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

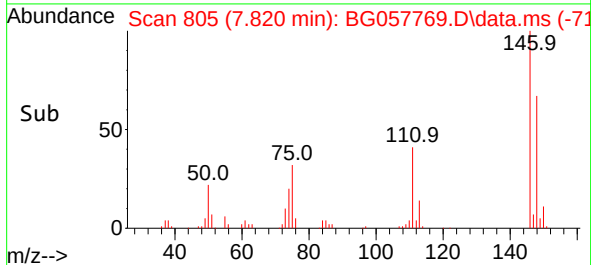
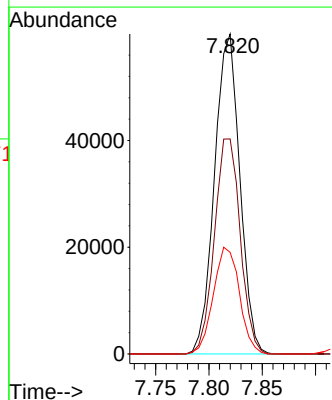
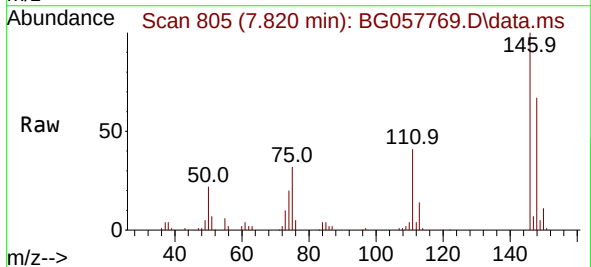
Instrument :
BNA_G
ClientSampleId :
PB153526BS

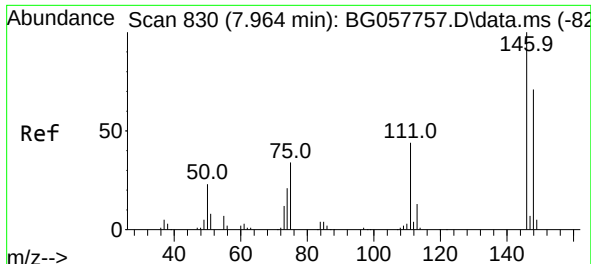
Tgt Ion: 93 Resp: 105792
Ion Ratio Lower Upper
93 100
63 86.4 71.2 111.2
95 30.8 14.2 54.2



#12
1,3-Dichlorobenzene
Concen: 45.796 ng
RT: 7.820 min Scan# 805
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:146 Resp: 98909
Ion Ratio Lower Upper
146 100
148 67.2 57.0 85.6
75 31.8 27.8 41.8

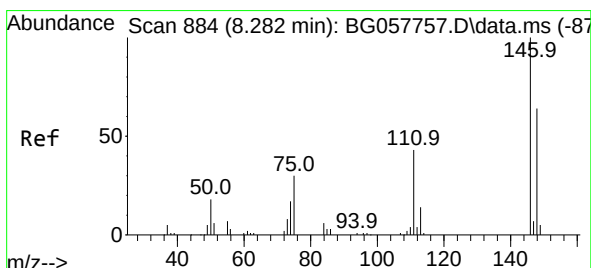
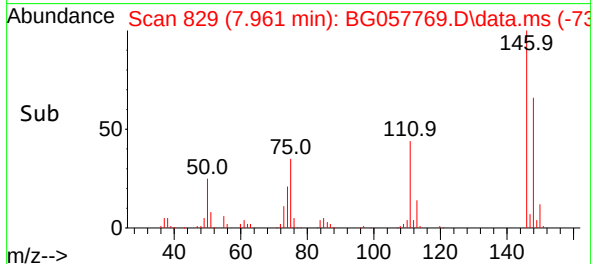
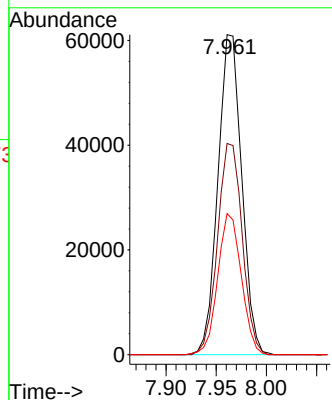
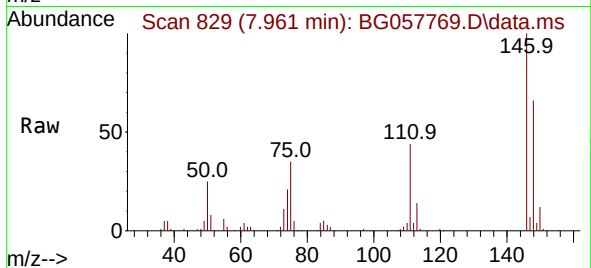




#13
1,4-Dichlorobenzene
Concen: 46.145 ng
RT: 7.961 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

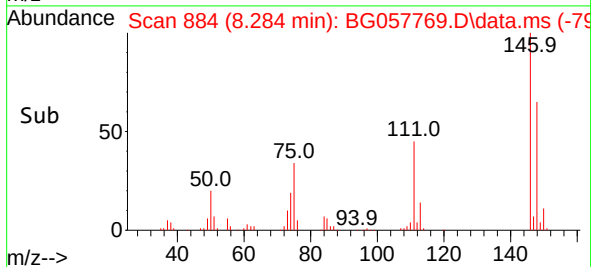
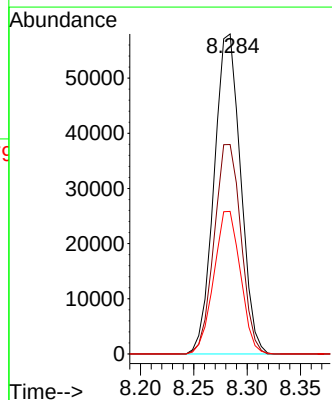
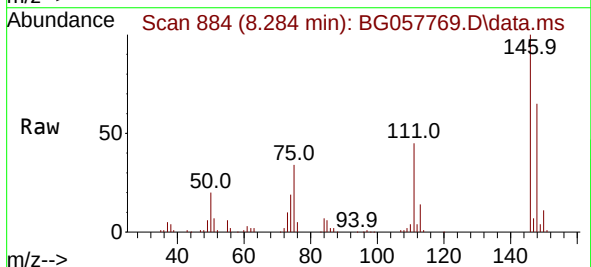
Instrument :
BNA_G
ClientSampleId :
PB153526BS

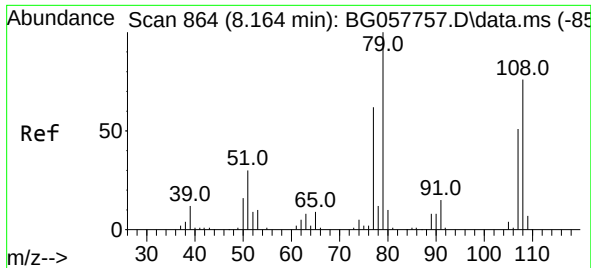
Tgt Ion:146 Resp: 100982
Ion Ratio Lower Upper
146 100
148 66.0 57.0 85.4
111 44.1 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 47.355 ng
RT: 8.284 min Scan# 884
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:146 Resp: 100274
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.6
111 44.6 34.9 52.3

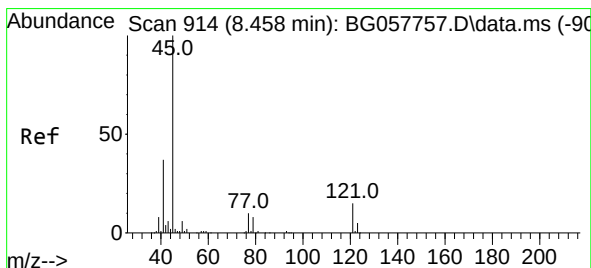
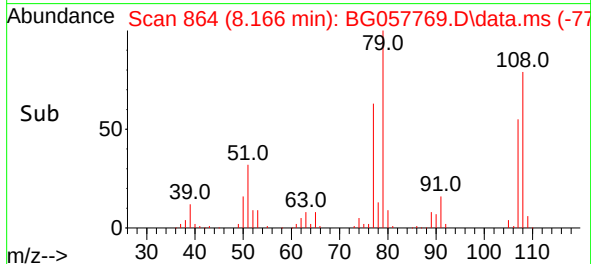
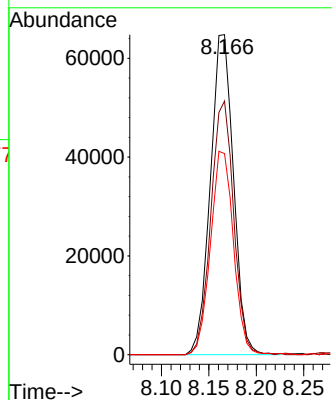
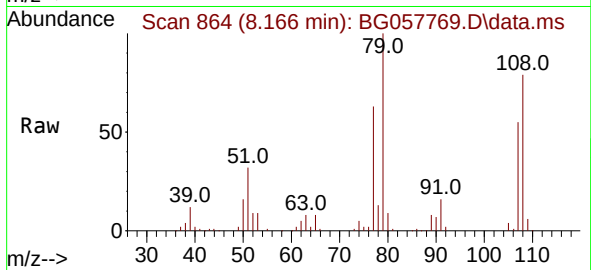




#15
Benzyl Alcohol
Concen: 45.649 ng
RT: 8.166 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

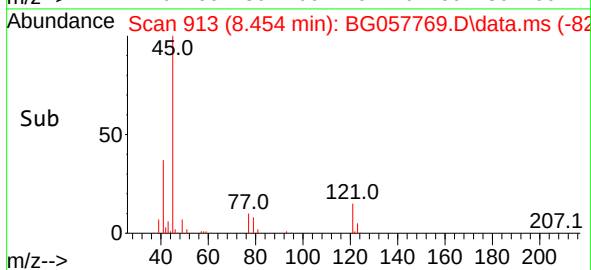
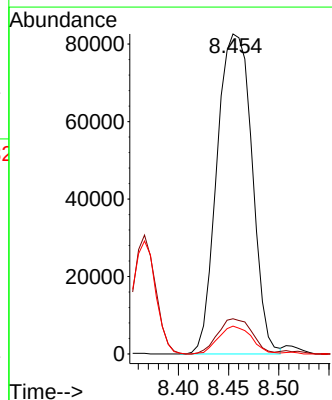
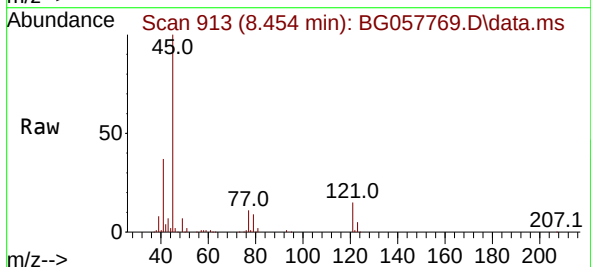
Instrument :
BNA_G
ClientSampleId :
PB153526BS

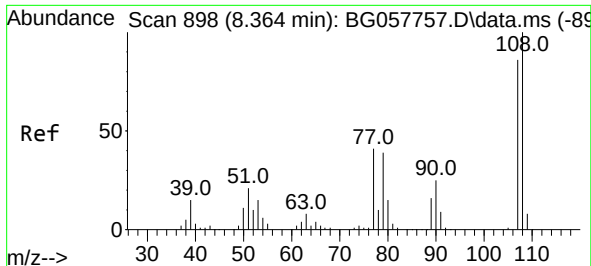
Tgt Ion: 79 Resp: 109870
Ion Ratio Lower Upper
79 100
108 79.2 60.5 90.7
77 62.9 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.772 ng
RT: 8.454 min Scan# 913
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion: 45 Resp: 200361
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.6
79 8.7 0.0 28.3

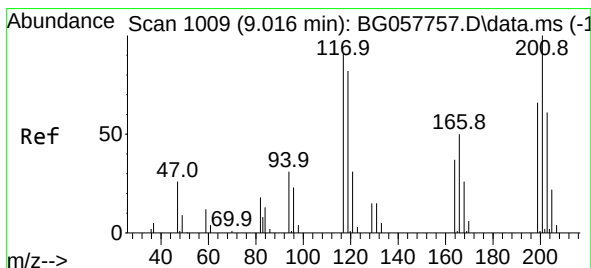
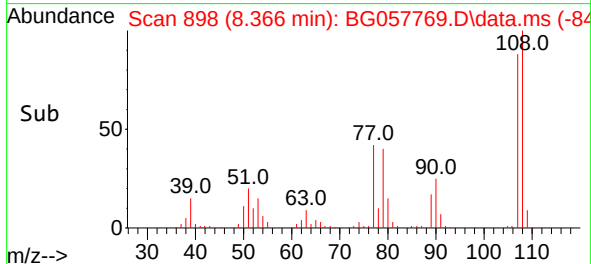
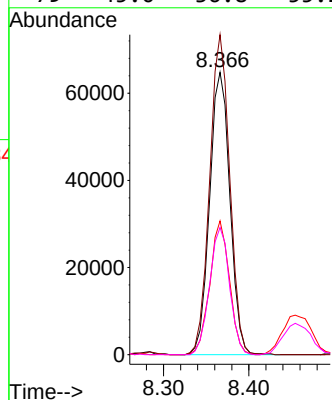
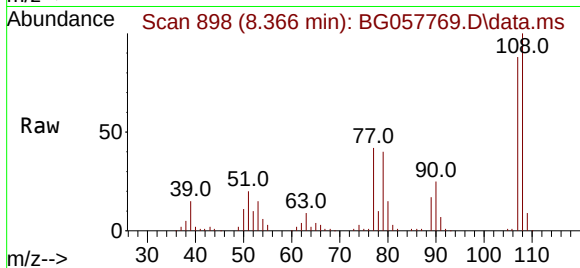




#17
2-Methylphenol
Concen: 46.983 ng
RT: 8.366 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

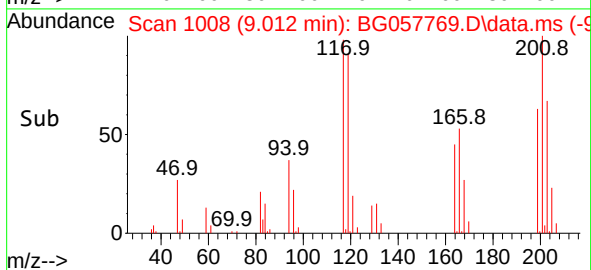
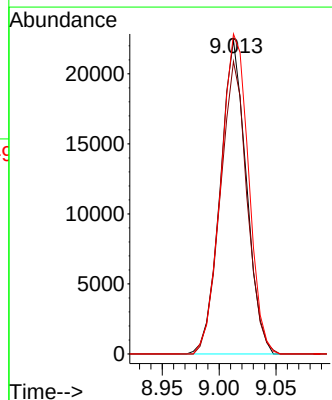
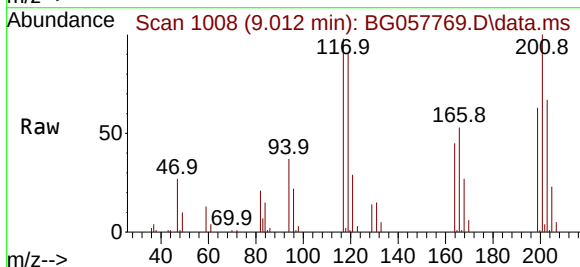
Instrument :
BNA_G
ClientSampleId :
PB153526BS

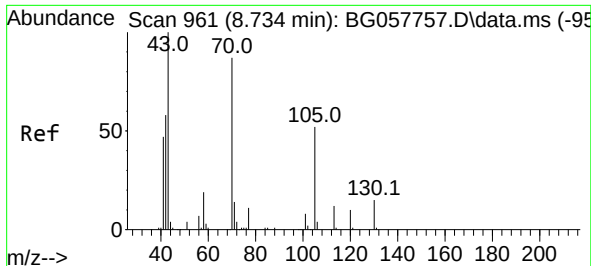
Tgt Ion:	107	Resp:	107095
Ion Ratio	Lower	Upper	
107	100		
108	113.3	93.2	139.8
77	47.4	37.8	56.8
79	45.0	36.8	55.2



#18
Hexachloroethane
Concen: 46.339 ng
RT: 9.012 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:	117	Resp:	35757
Ion Ratio	Lower	Upper	
117	100		
119	93.9	72.3	108.5
201	101.9	87.8	131.8

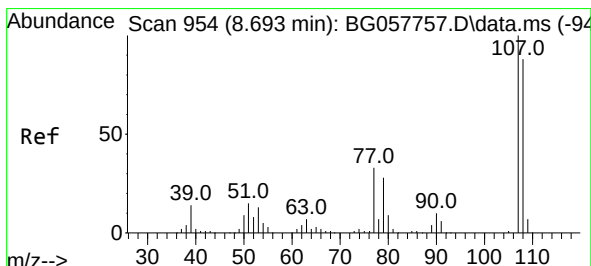
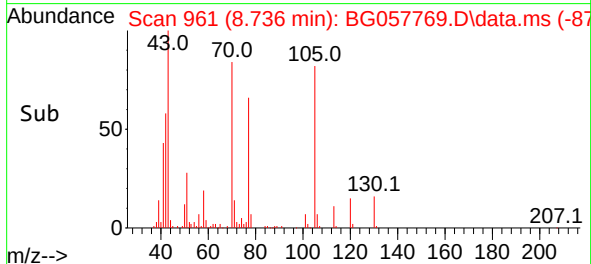
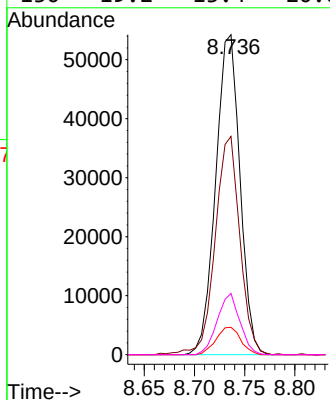
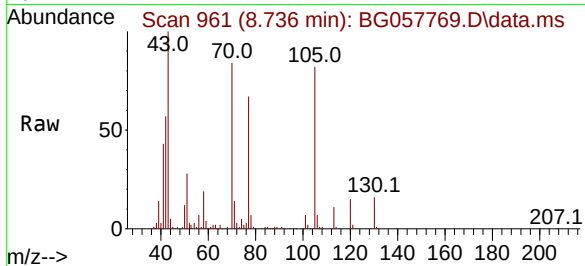




#19
n-Nitroso-di-n-propylamine
Concen: 41.581 ng
RT: 8.736 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

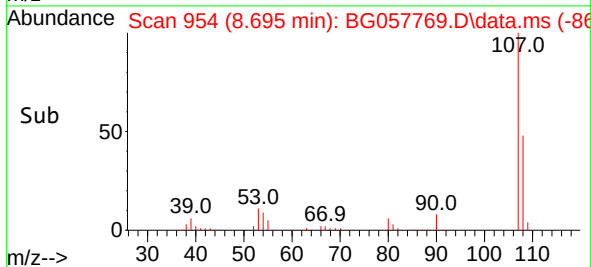
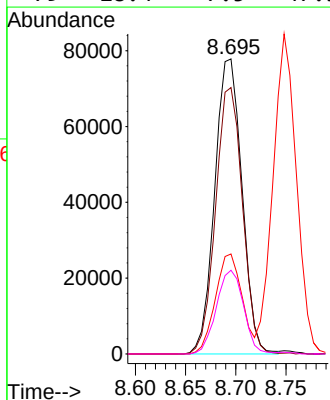
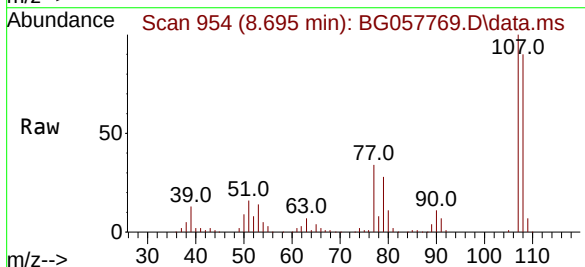
Instrument :
BNA_G
ClientSampleId :
PB153526BS

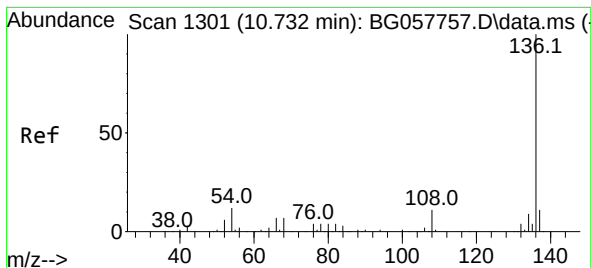
Tgt Ion:	70	Resp:	91249
Ion	Ratio	Lower	Upper
70	100		
42	68.2	54.2	81.2
101	8.5	7.4	11.0
130	19.2	13.4	20.0



#20
3+4-Methylphenols
Concen: 46.632 ng
RT: 8.695 min Scan# 954
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:	107	Resp:	146827
Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.7	107.7
77	33.9	13.3	53.3
79	28.4	7.5	47.5

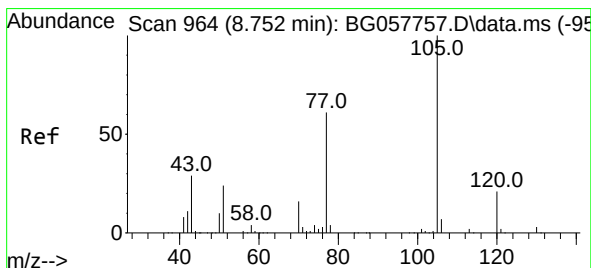
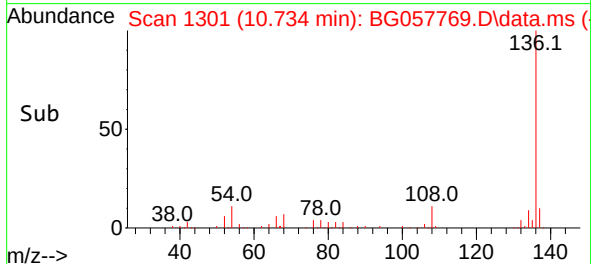
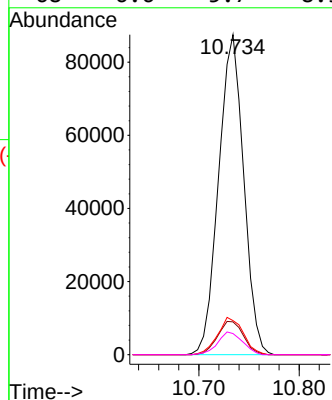
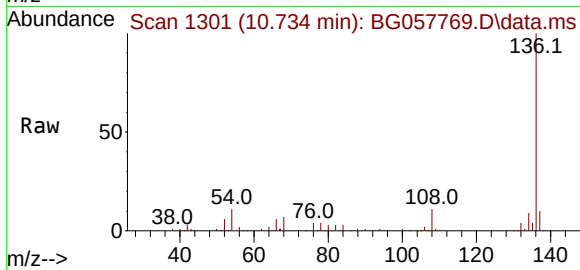




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

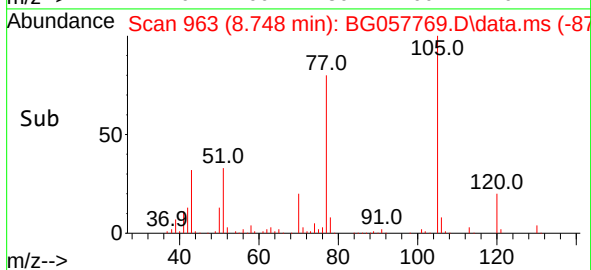
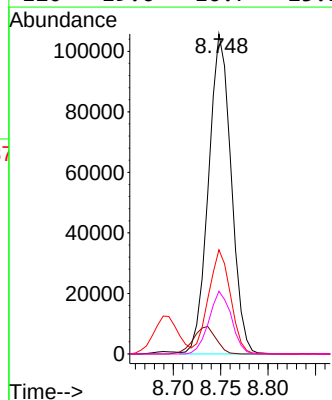
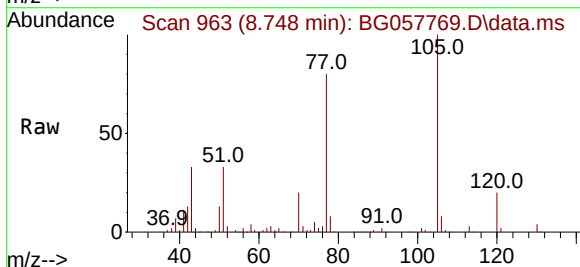
Instrument :
BNA_G
ClientSampleId :
PB153526BS

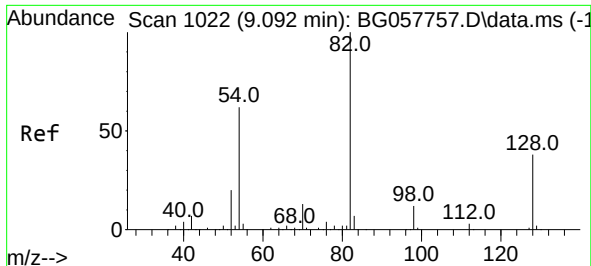
Tgt Ion:136 Resp: 151491
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 10.7 9.5 14.3
68 6.6 5.7 8.5



#22
Acetophenone
Concen: 41.304 ng
RT: 8.748 min Scan# 963
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:105 Resp: 175465
Ion Ratio Lower Upper
105 100
71 3.5 2.4 3.6
51 32.6 25.9 38.9
120 19.6 16.7 25.1

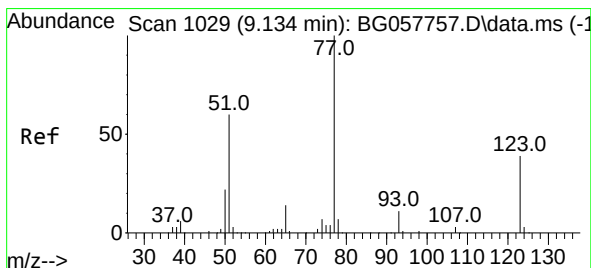
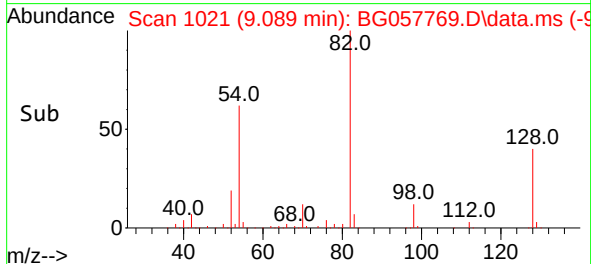
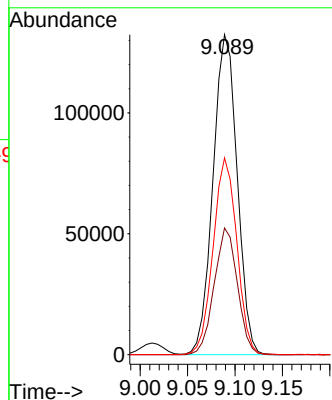
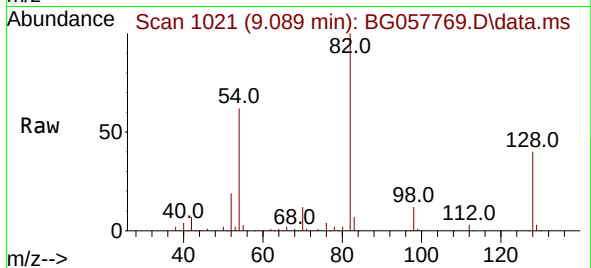




#23
Nitrobenzene-d5
Concen: 79.519 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

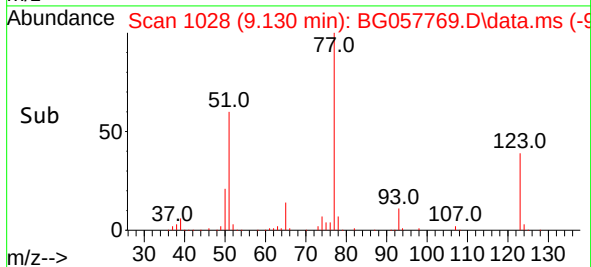
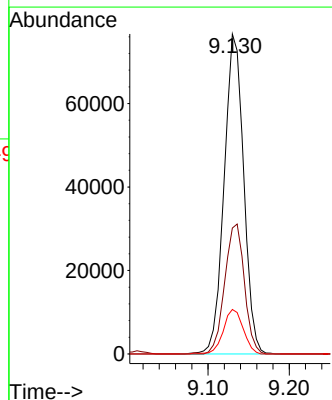
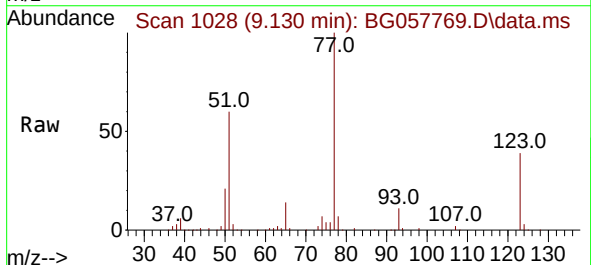
Instrument :
BNA_G
ClientSampleId :
PB153526BS

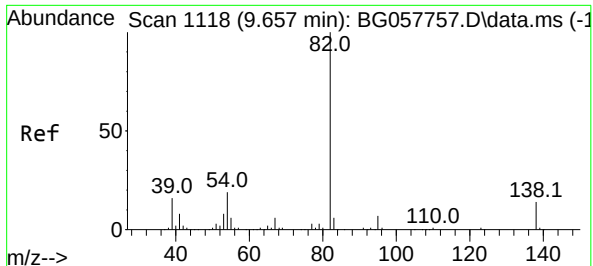
Tgt Ion: 82 Resp: 234715
Ion Ratio Lower Upper
82 100
128 39.6 30.7 46.1
54 61.5 49.6 74.4



#24
Nitrobenzene
Concen: 41.769 ng
RT: 9.130 min Scan# 1028
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion: 77 Resp: 128315
Ion Ratio Lower Upper
77 100
123 39.4 31.4 47.2
65 13.9 11.2 16.8

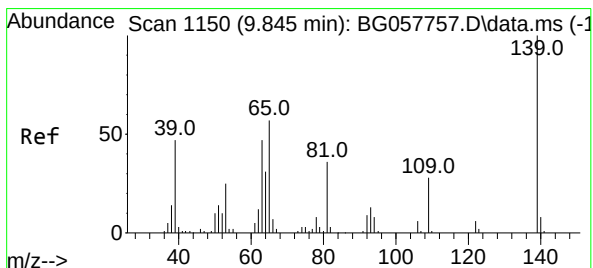
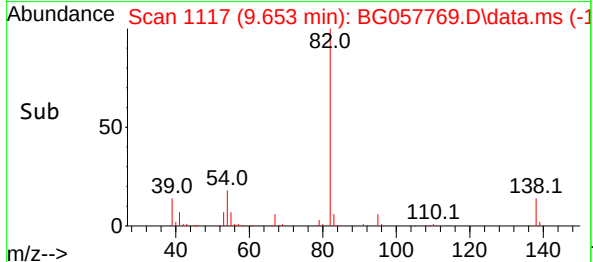
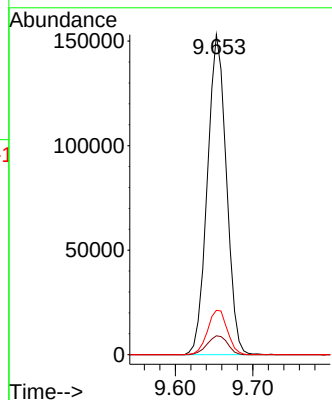
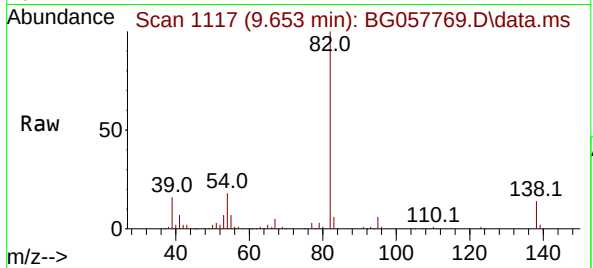




#25
Isophorone
Concen: 38.674 ng
RT: 9.653 min Scan# 1118
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

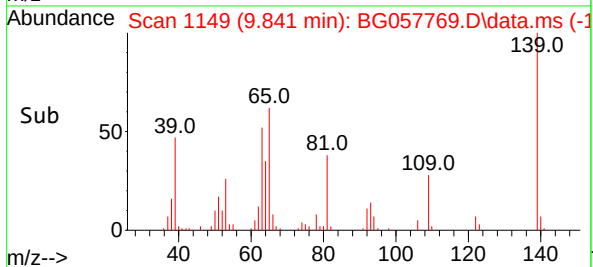
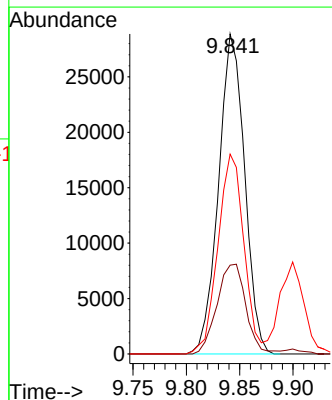
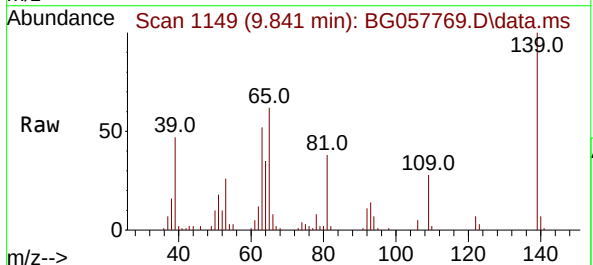
Instrument :
BNA_G
ClientSampleId :
PB153526BS

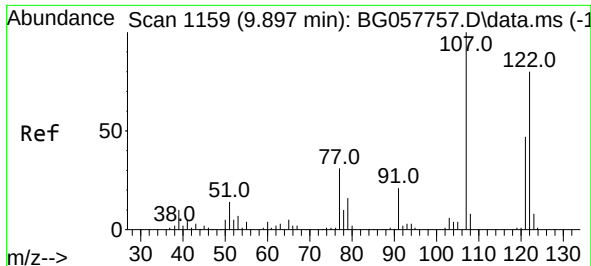
Tgt Ion: 82 Resp: 260804
Ion Ratio Lower Upper
82 100
95 5.9 5.2 7.8
138 13.9 11.1 16.7



#26
2-Nitrophenol
Concen: 50.207 ng
RT: 9.841 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion: 139 Resp: 49069
Ion Ratio Lower Upper
139 100
109 27.8 22.5 33.7
65 62.4 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 46.772 ng

RT: 9.900 min Scan# 1159

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

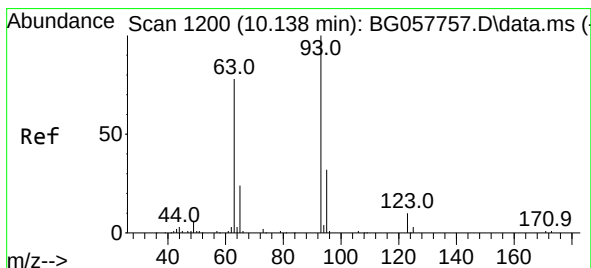
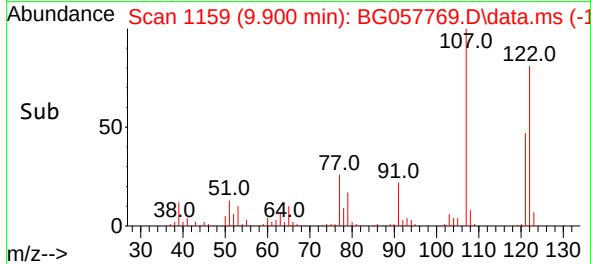
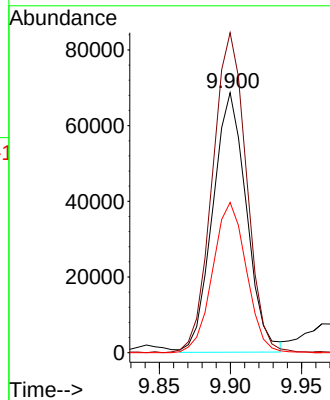
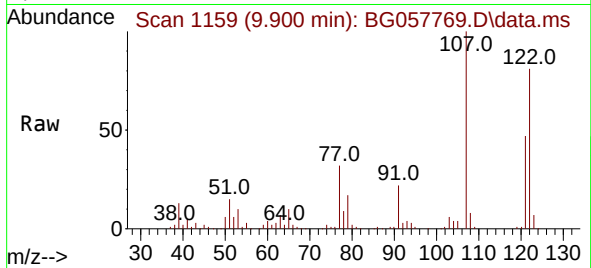
Tgt Ion:122 Resp: 113175

Ion Ratio Lower Upper

122 100

107 123.1 98.9 148.3

121 57.8 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.843 ng

RT: 10.141 min Scan# 1200

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

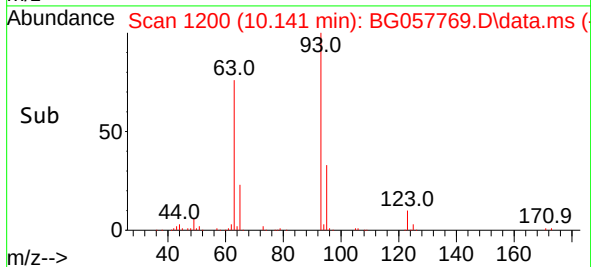
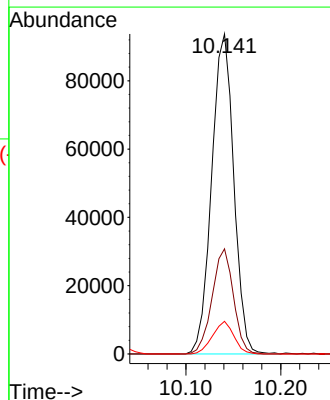
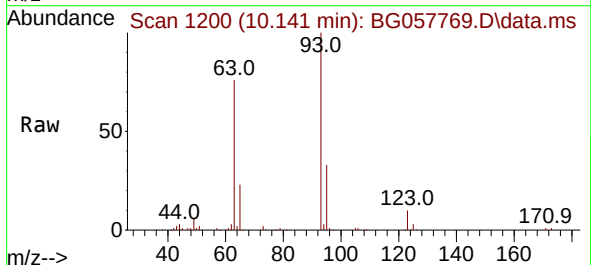
Tgt Ion: 93 Resp: 151959

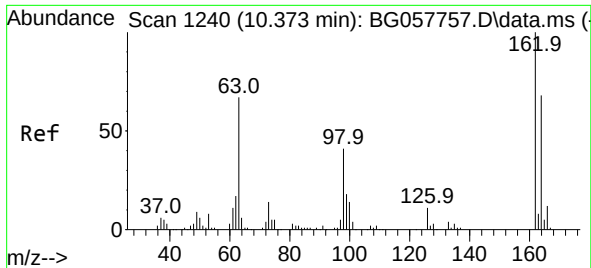
Ion Ratio Lower Upper

93 100

95 32.9 25.6 38.4

123 10.2 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 47.303 ng

RT: 10.376 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

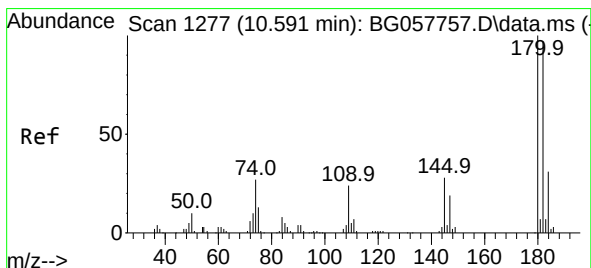
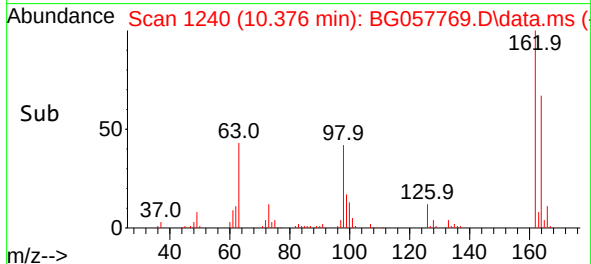
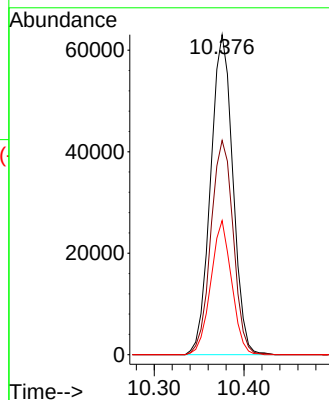
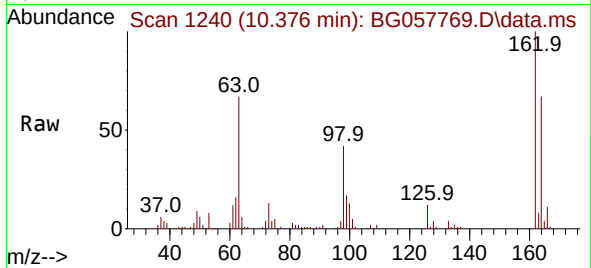
Tgt Ion:162 Resp: 108693

Ion Ratio Lower Upper

162 100

164 67.0 48.2 88.2

98 41.9 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 42.377 ng

RT: 10.593 min Scan# 1277

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

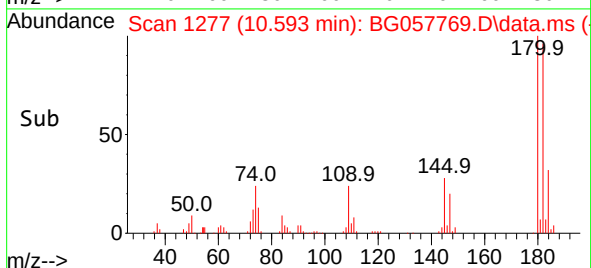
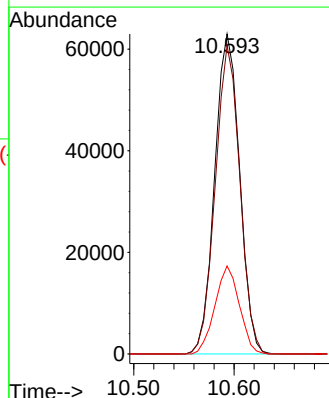
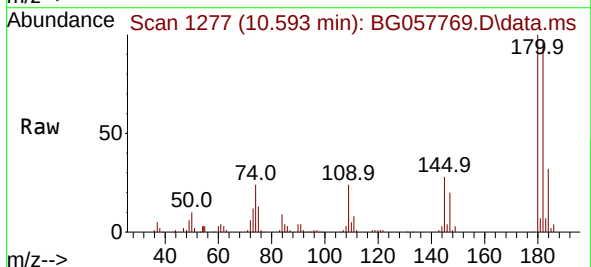
Tgt Ion:180 Resp: 108537

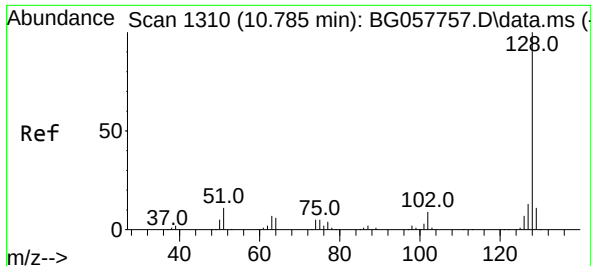
Ion Ratio Lower Upper

180 100

182 96.4 77.5 116.3

145 27.5 22.6 34.0

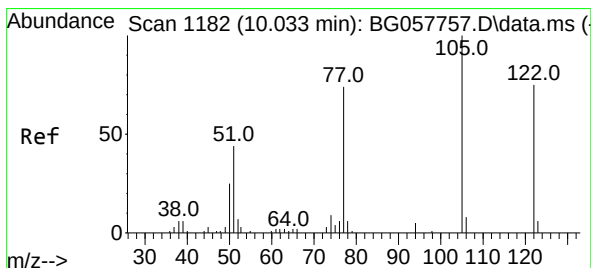
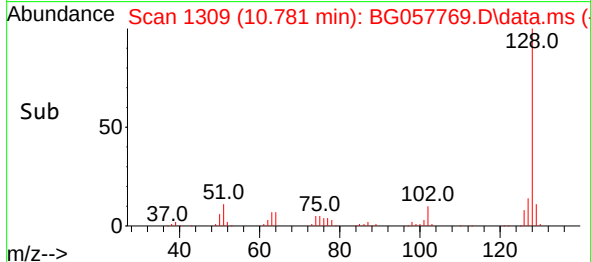
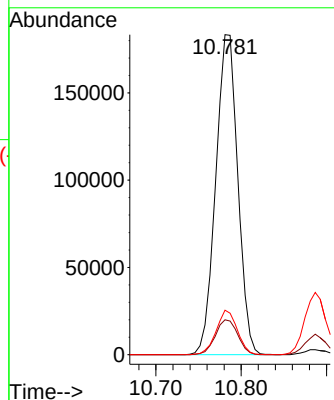
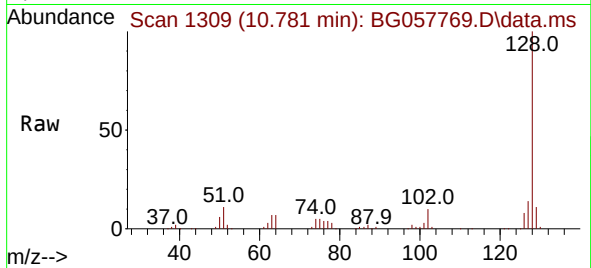




#31
Naphthalene
Concen: 40.858 ng
RT: 10.781 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

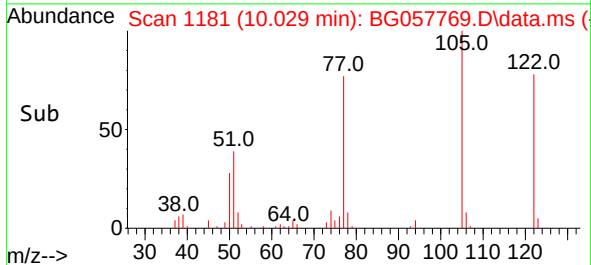
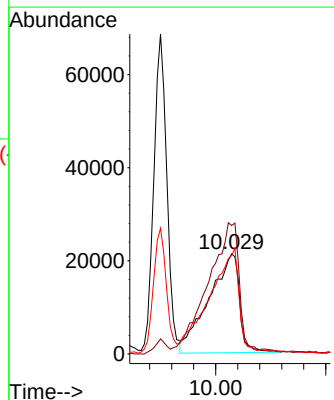
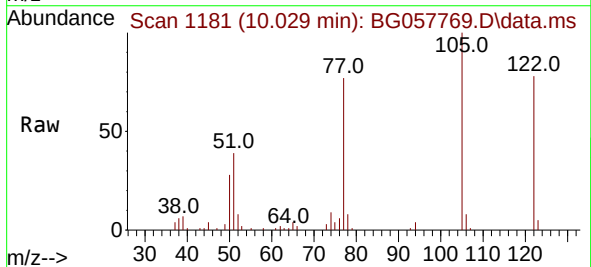
Instrument :
BNA_G
ClientSampleId :
PB153526BS

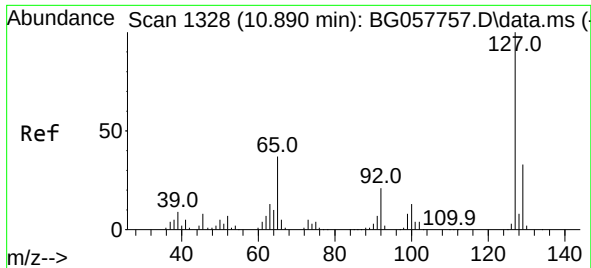
Tgt Ion:128 Resp: 329430
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 46.108 ng
RT: 10.029 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:122 Resp: 82142
Ion Ratio Lower Upper
122 100
105 128.4 110.1 150.1
77 98.3 78.2 118.2

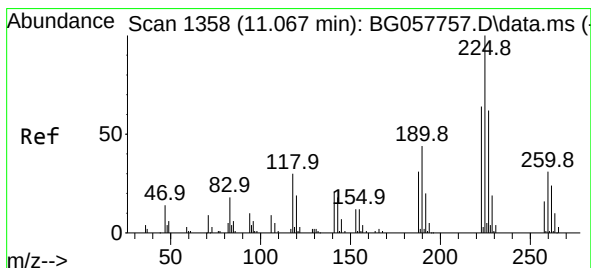
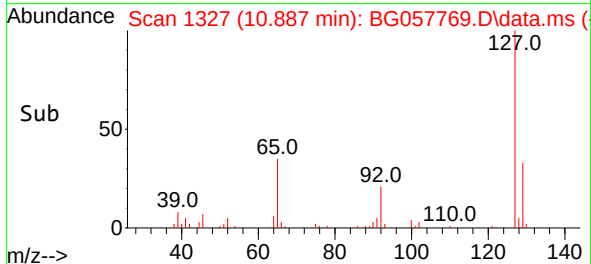
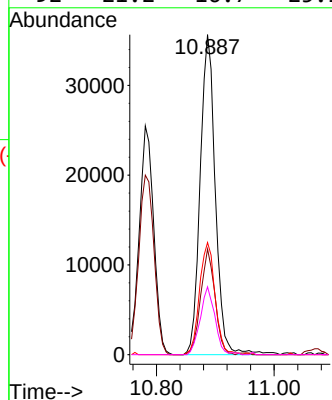
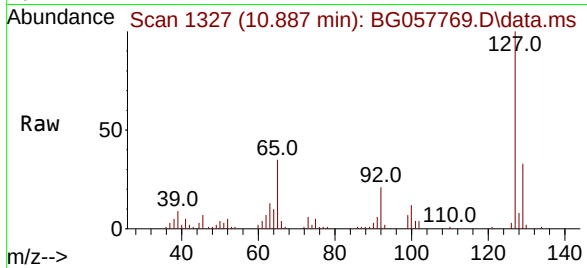




#33
4-Chloroaniline
Concen: 17.118 ng
RT: 10.887 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

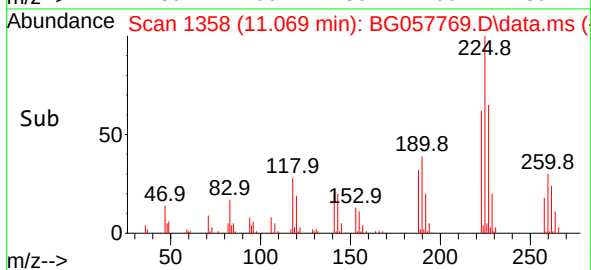
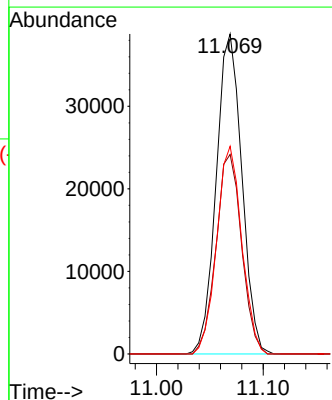
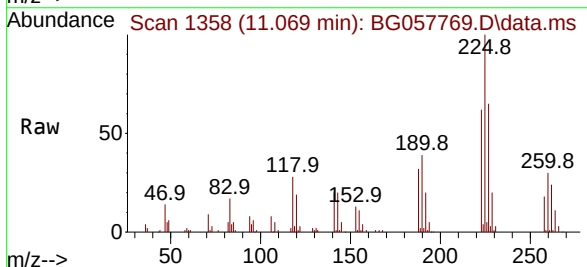
Instrument :
BNA_G
ClientSampleId :
PB153526BS

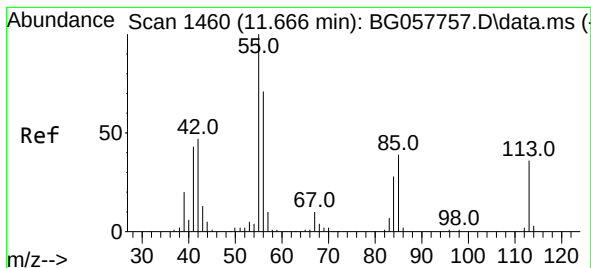
Tgt Ion:127	Resp:	63952
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.6 40.0
65	35.1	29.8 44.8
92	21.2	16.7 25.1



#34
Hexachlorobutadiene
Concen: 41.405 ng
RT: 11.069 min Scan# 1358
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:225	Resp:	64699
Ion Ratio	Lower	Upper
225	100	
223	62.4	51.4 77.0
227	64.9	49.7 74.5





#35

Caprolactam

Concen: 23.616 ng

RT: 11.662 min Scan# 14

Delta R.T. -0.004 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

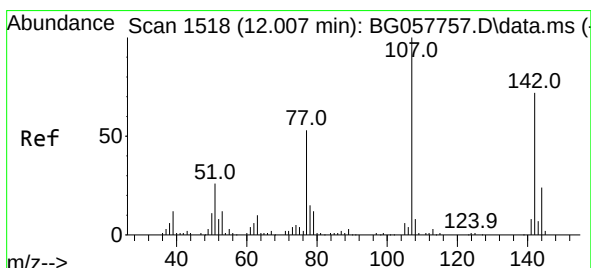
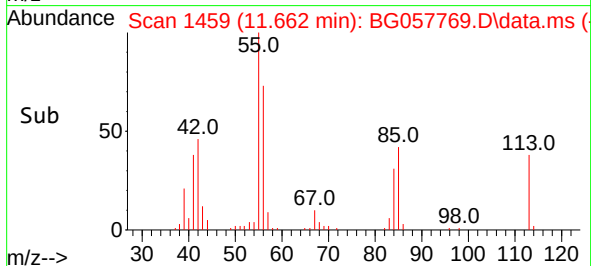
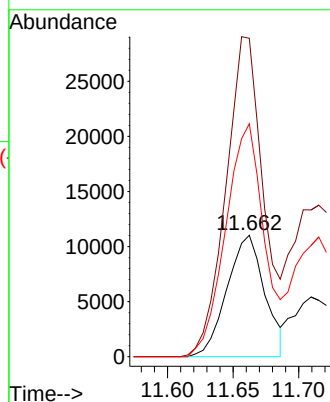
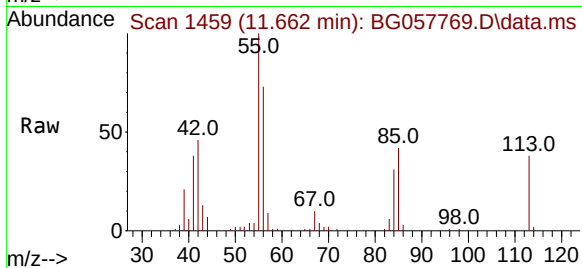
Tgt Ion:113 Resp: 22020

Ion Ratio Lower Upper

113 100

55 262.2 255.7 295.7

56 191.9 175.2 215.2



#36

4-Chloro-3-methylphenol

Concen: 46.485 ng

RT: 12.009 min Scan# 1518

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

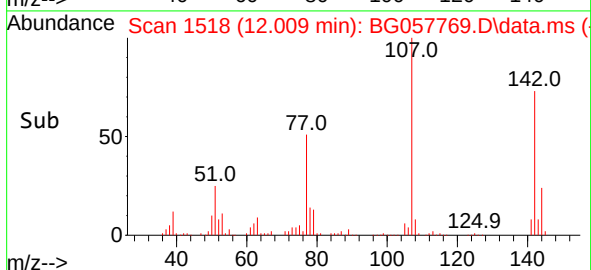
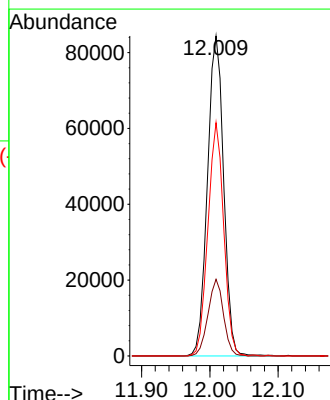
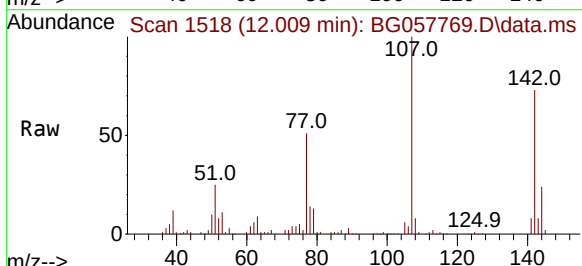
Tgt Ion:107 Resp: 139499

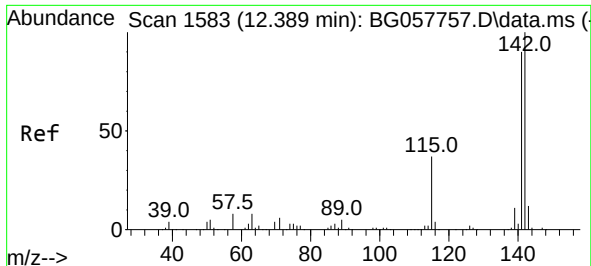
Ion Ratio Lower Upper

107 100

144 23.9 19.5 29.3

142 72.9 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.710 ng

RT: 12.391 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

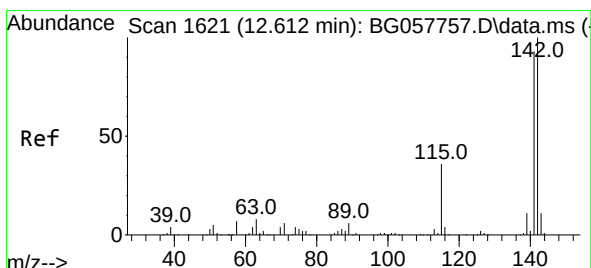
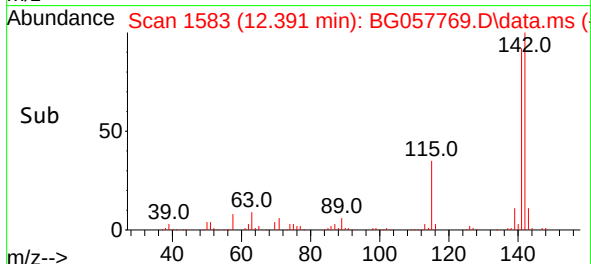
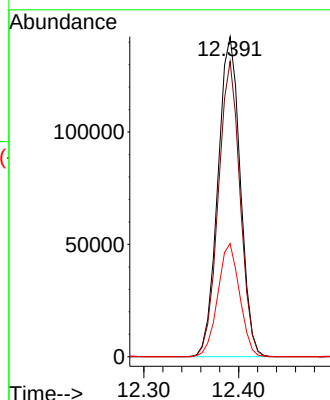
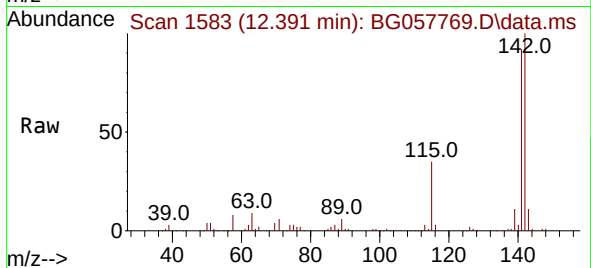
Tgt Ion:142 Resp: 233372

Ion Ratio Lower Upper

142 100

141 92.3 72.1 108.1

115 35.3 29.7 44.5



#38

1-Methylnaphthalene

Concen: 40.149 ng

RT: 12.608 min Scan# 1620

Delta R.T. -0.004 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

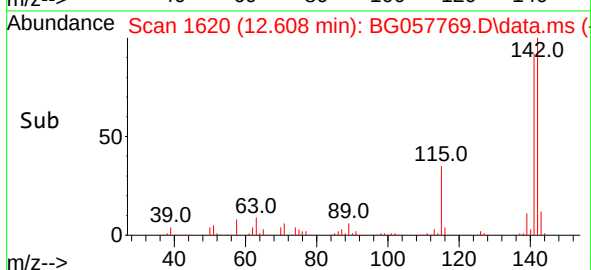
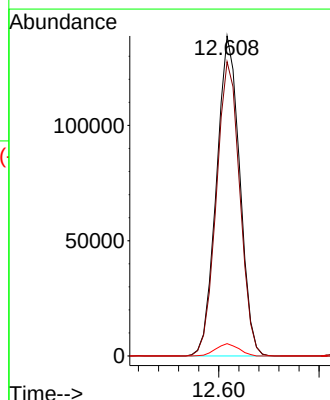
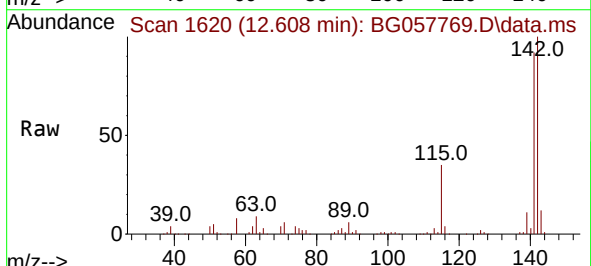
Tgt Ion:142 Resp: 222737

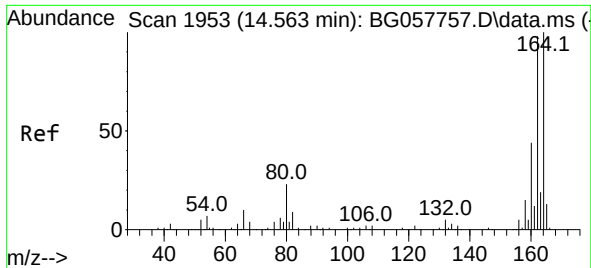
Ion Ratio Lower Upper

142 100

141 91.9 74.2 111.4

116 3.9 3.1 4.7

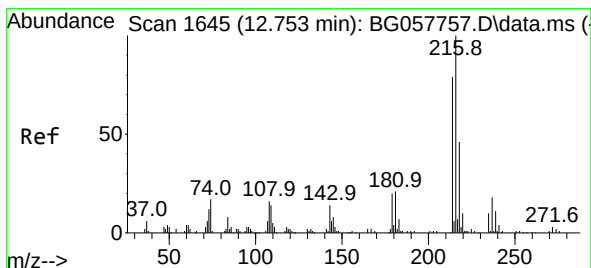
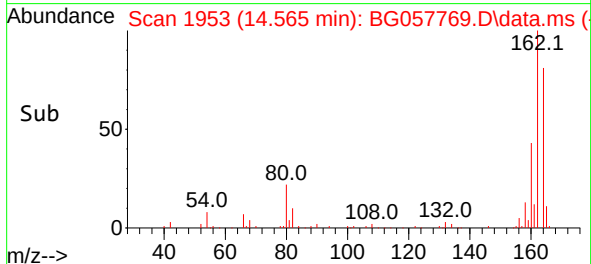
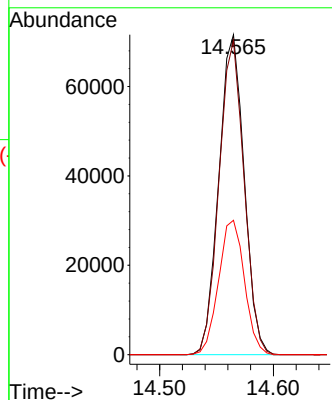
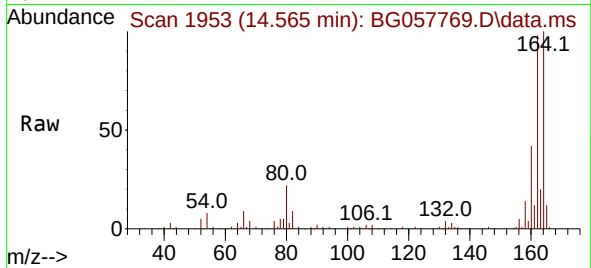




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

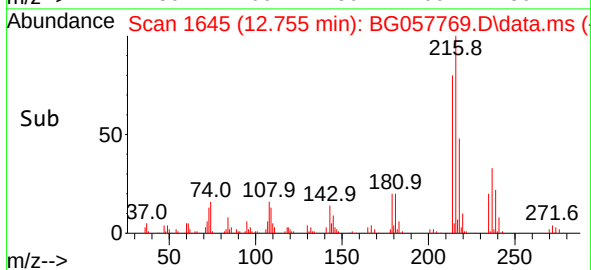
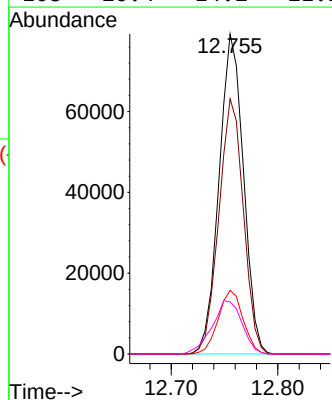
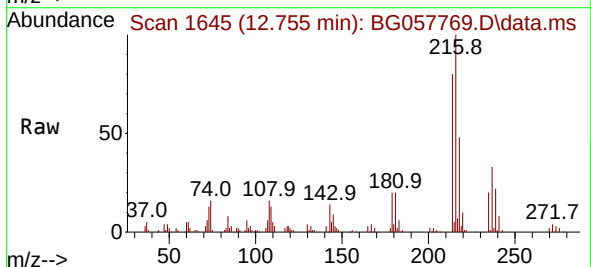
Instrument :
BNA_G
ClientSampleId :
PB153526BS

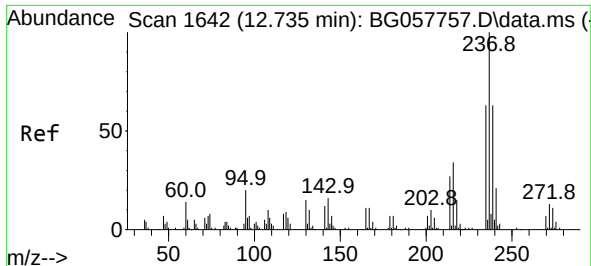
Tgt Ion:164 Resp: 110756
Ion Ratio Lower Upper
164 100
162 98.2 78.3 117.5
160 42.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.980 ng
RT: 12.755 min Scan# 1645
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

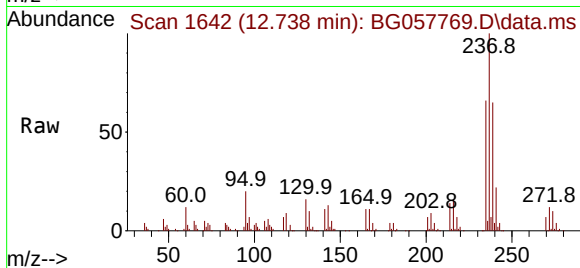
Tgt Ion:216 Resp: 125828
Ion Ratio Lower Upper
216 100
214 80.0 63.0 94.4
179 20.2 16.2 24.2
108 20.4 14.2 21.2



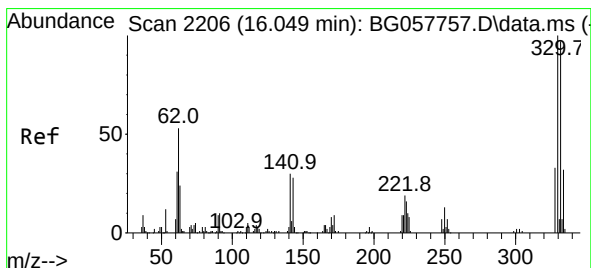
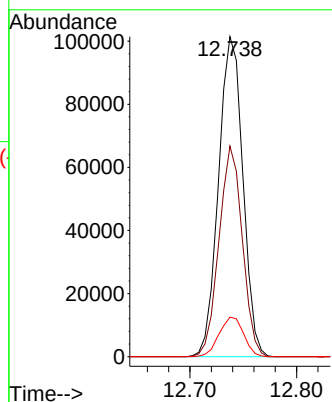
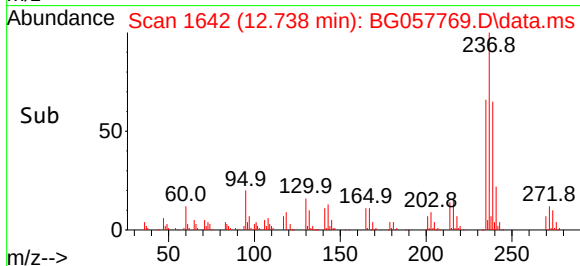


#41
Hexachlorocyclopentadiene
Concen: 98.458 ng
RT: 12.738 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

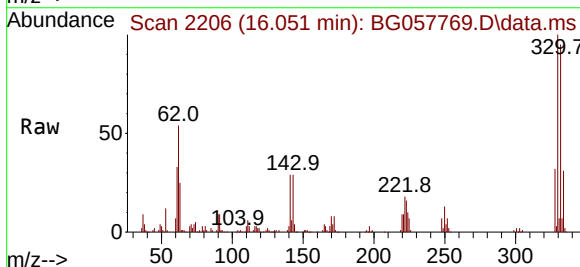
Instrument :
BNA_G
ClientSampleId :
PB153526BS



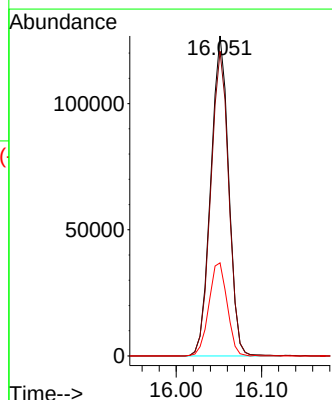
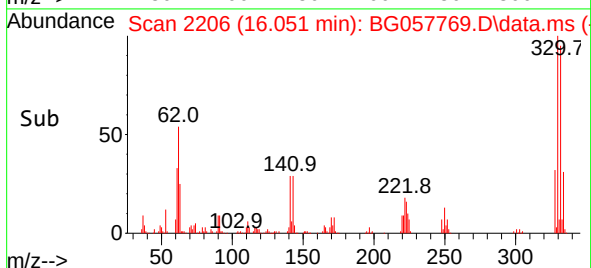
Tgt Ion:237 Resp: 160498
Ion Ratio Lower Upper
237 100
235 65.8 43.5 83.5
272 12.3 0.0 32.8

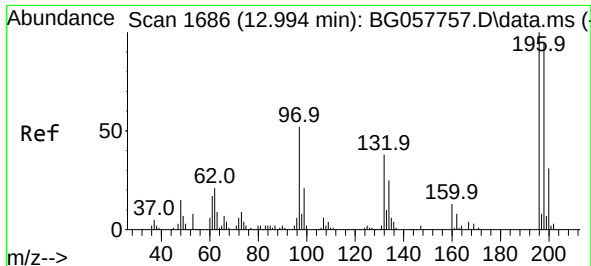


#42
2,4,6-Tribromophenol
Concen: 119.528 ng
RT: 16.051 min Scan# 2206
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59



Tgt Ion:330 Resp: 184411
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 29.8 24.7 37.1

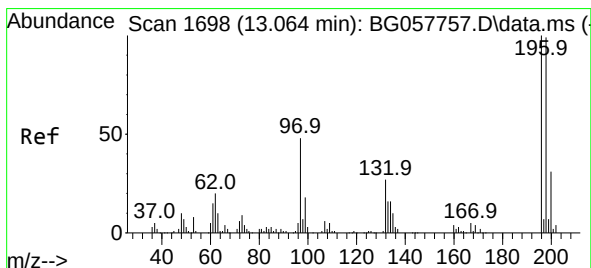
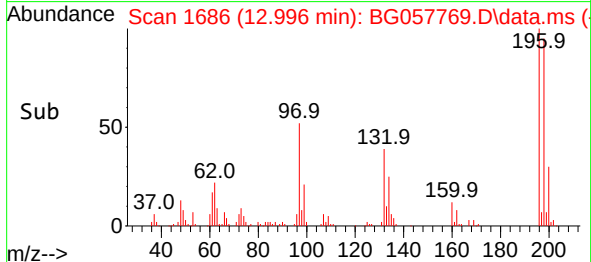
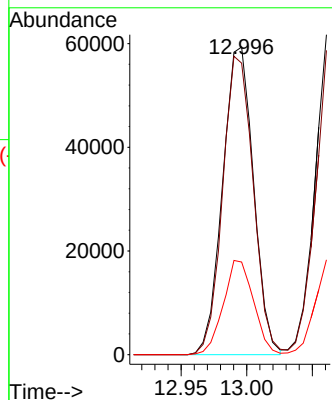
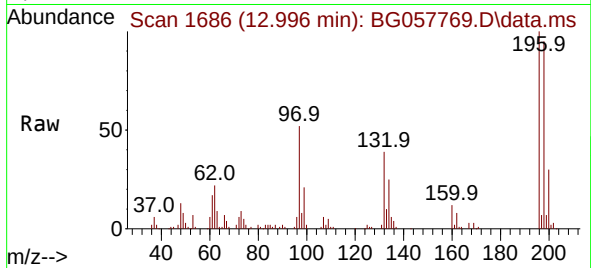




#43
2,4,6-Trichlorophenol
Concen: 44.073 ng
RT: 12.996 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

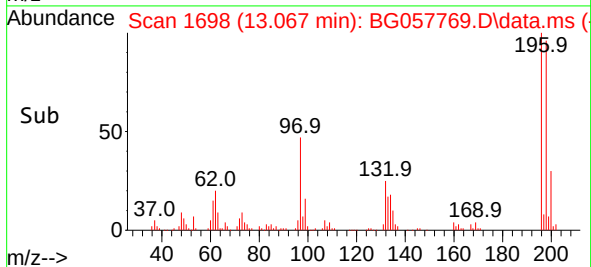
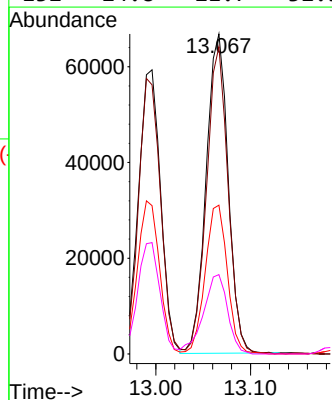
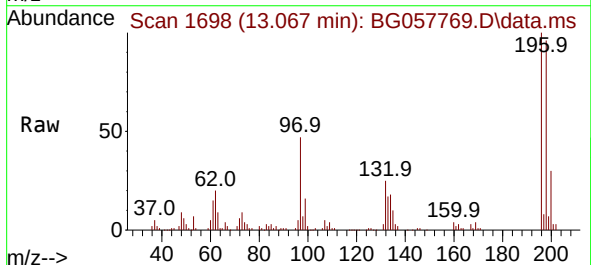
Instrument :
BNA_G
ClientSampleId :
PB153526BS

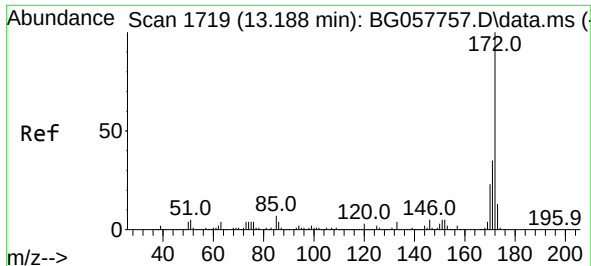
Tgt Ion:196 Resp: 96897
Ion Ratio Lower Upper
196 100
198 94.7 75.5 113.3
200 30.1 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 42.140 ng
RT: 13.067 min Scan# 1698
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:196 Resp: 107993
Ion Ratio Lower Upper
196 100
198 96.0 78.9 118.3
97 46.5 38.3 57.5
132 24.8 21.7 32.5

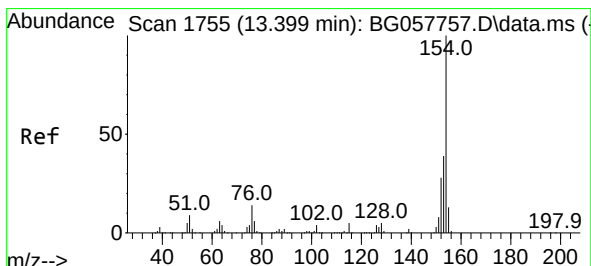
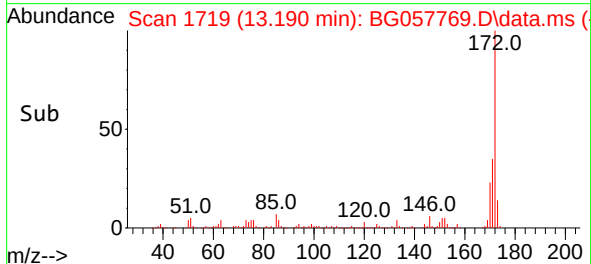
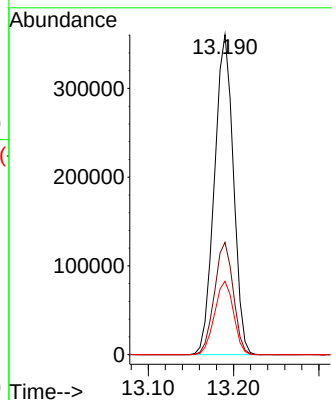
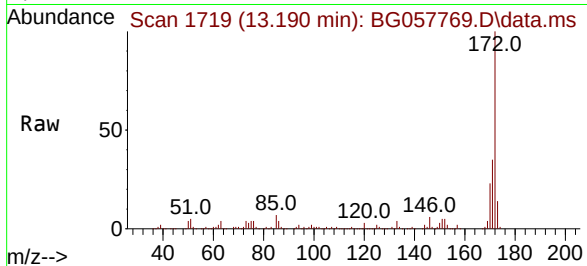




#45
2-Fluorobiphenyl
Concen: 76.165 ng
RT: 13.190 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

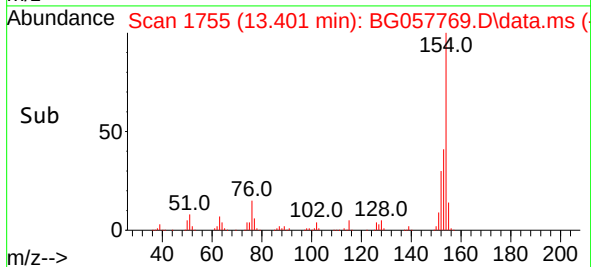
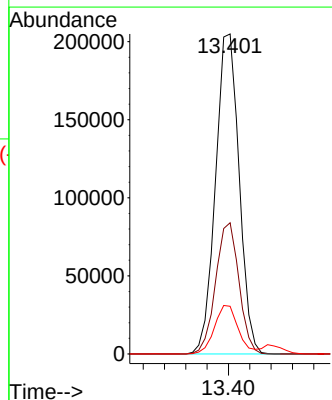
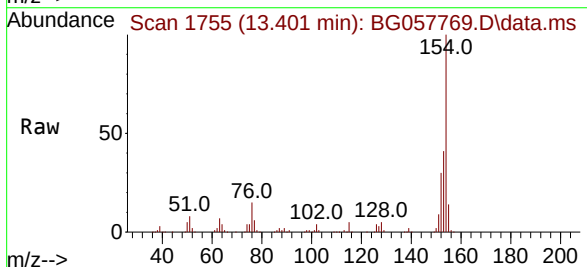
Instrument :
BNA_G
ClientSampleId :
PB153526BS

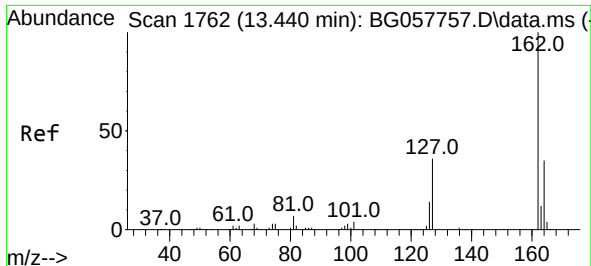
Tgt Ion:172 Resp: 556176
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 41.301 ng
RT: 13.401 min Scan# 1755
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:154 Resp: 314090
Ion Ratio Lower Upper
154 100
153 41.0 19.1 59.1
76 14.9 0.0 34.3

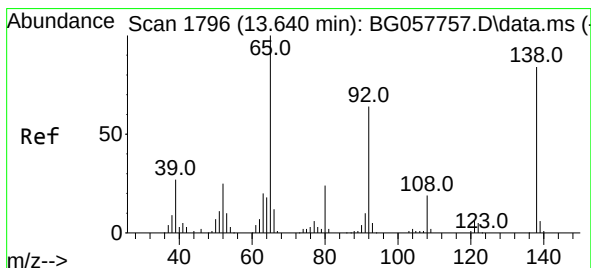
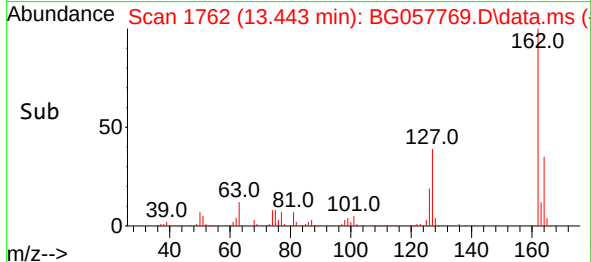
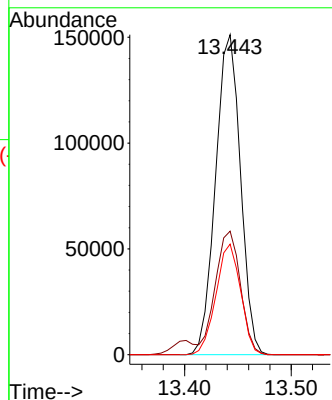
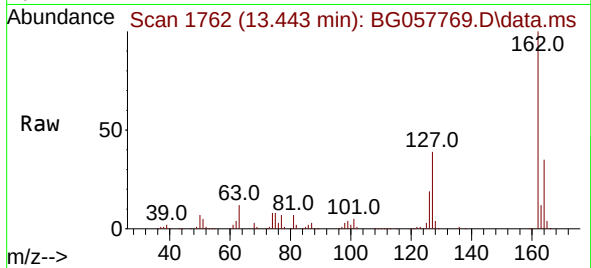




#47
2-Chloronaphthalene
Concen: 41.936 ng
RT: 13.443 min Scan# 1762
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

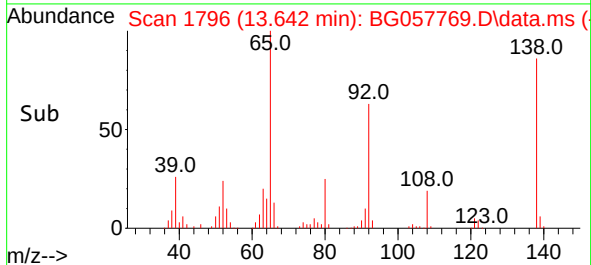
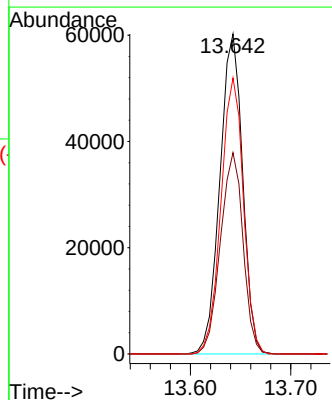
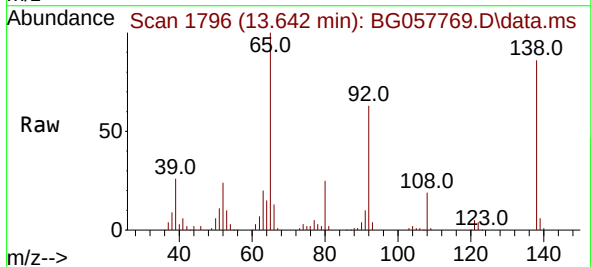
Instrument :
BNA_G
ClientSampleId :
PB153526BS

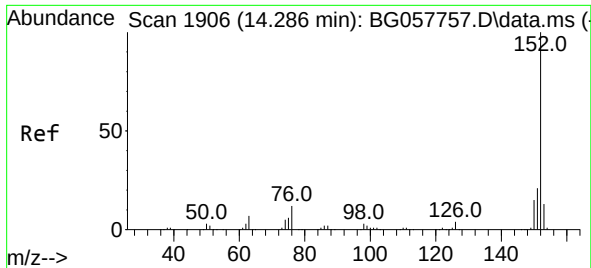
Tgt Ion:162 Resp: 245009
Ion Ratio Lower Upper
162 100
127 38.6 32.2 48.2
164 34.5 28.0 42.0



#48
2-Nitroaniline
Concen: 45.519 ng
RT: 13.642 min Scan# 1796
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion: 65 Resp: 94506
Ion Ratio Lower Upper
65 100
92 62.9 51.2 76.8
138 86.2 67.2 100.8

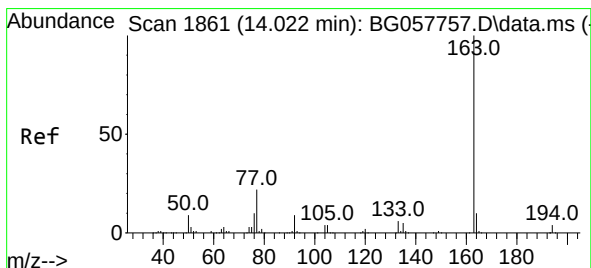
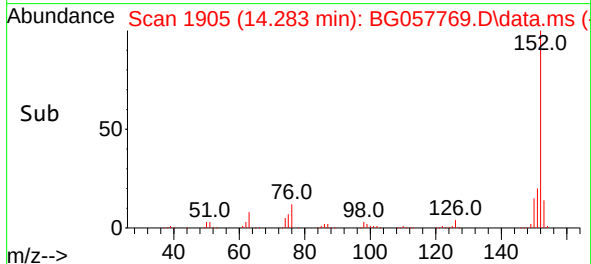
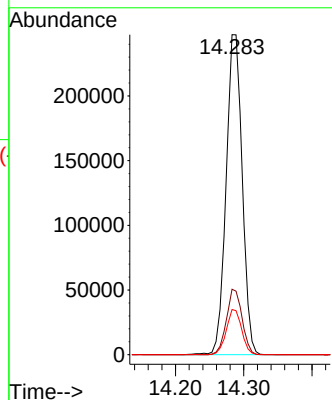
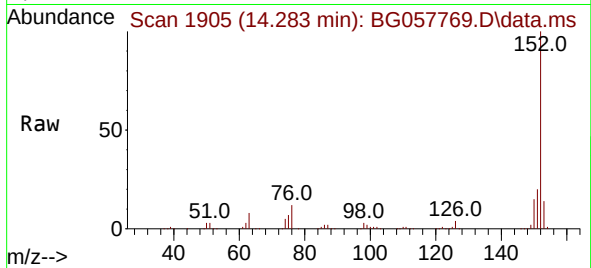




#49
Acenaphthylene
Concen: 40.486 ng
RT: 14.283 min Scan# 1905
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

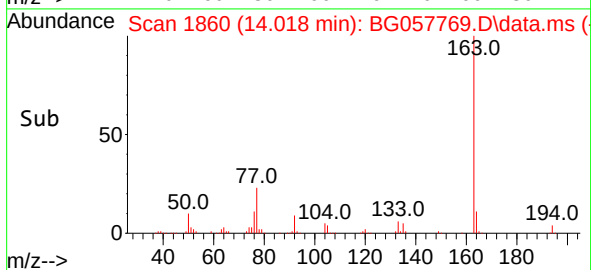
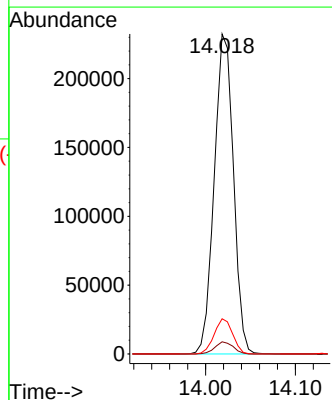
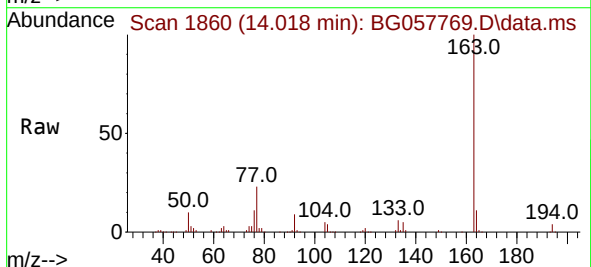
Instrument :
BNA_G
ClientSampleId :
PB153526BS

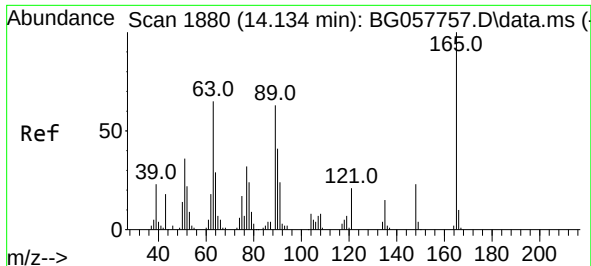
Tgt Ion:152 Resp: 405996
Ion Ratio Lower Upper
152 100
151 20.4 17.0 25.4
153 14.1 10.5 15.7



#50
Dimethylphthalate
Concen: 40.586 ng
RT: 14.018 min Scan# 1860
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:163 Resp: 345255
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 11.0 8.2 12.4

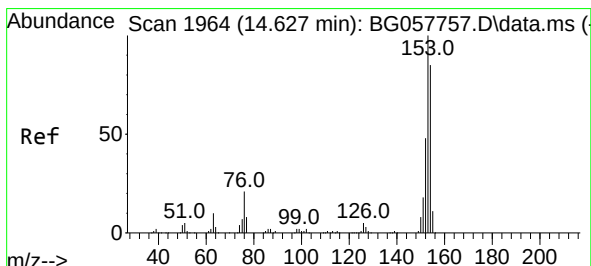
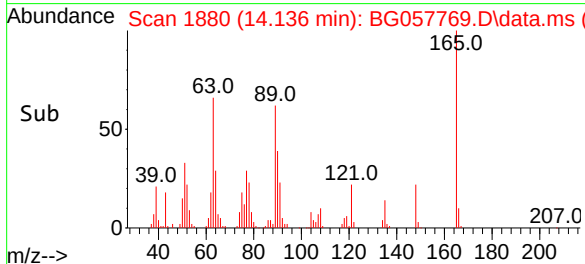
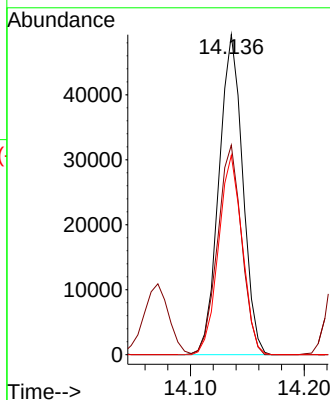
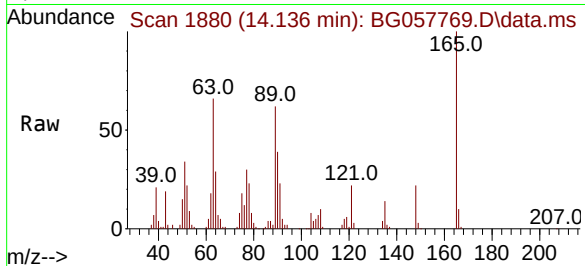




#51
2,6-Dinitrotoluene
Concen: 45.695 ng
RT: 14.136 min Scan# 1880
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

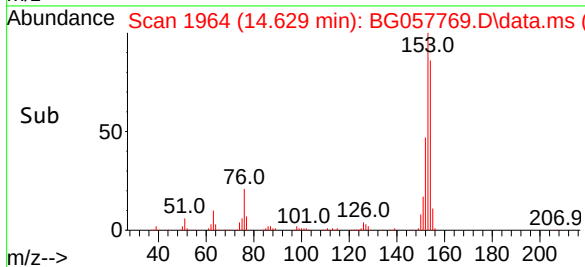
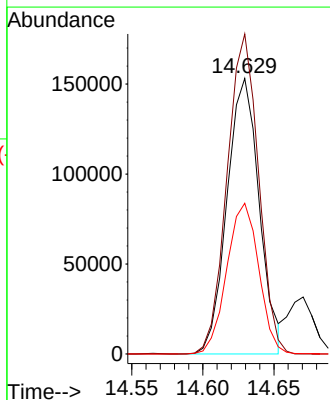
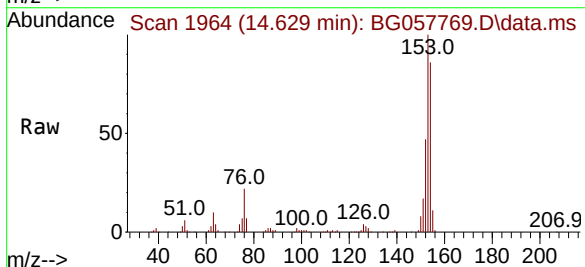
Instrument :
BNA_G
ClientSampleId :
PB153526BS

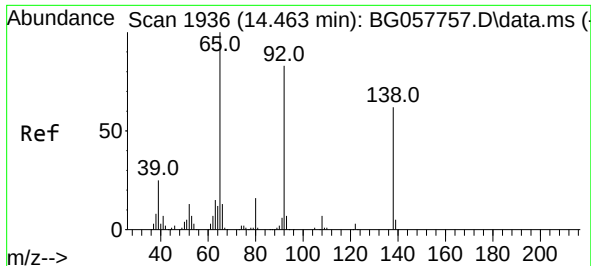
Tgt Ion:165 Resp: 71580
Ion Ratio Lower Upper
165 100
63 65.5 52.8 79.2
89 62.3 50.7 76.1



#52
Acenaphthene
Concen: 38.934 ng
RT: 14.629 min Scan# 1964
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:154 Resp: 241706
Ion Ratio Lower Upper
154 100
153 116.1 93.6 140.4
152 54.7 44.7 67.1

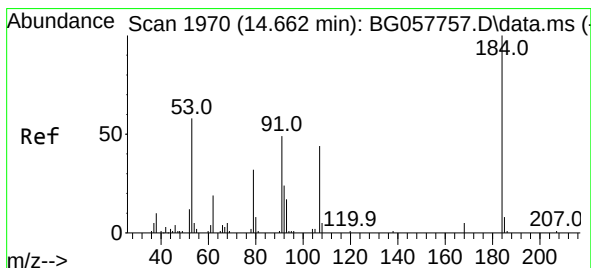
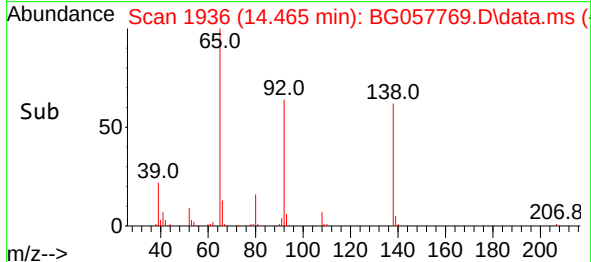
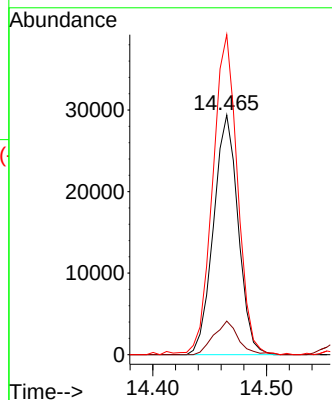
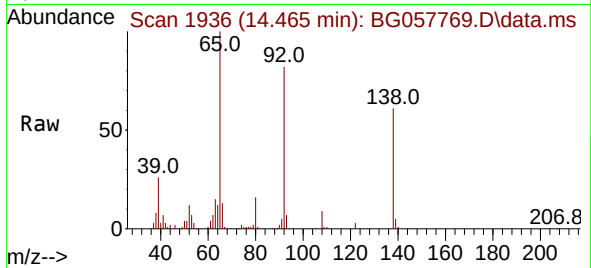




#53
3-Nitroaniline
Concen: 25.058 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

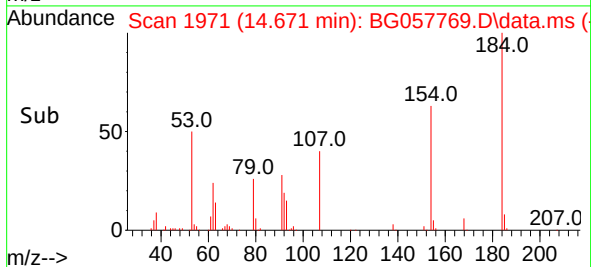
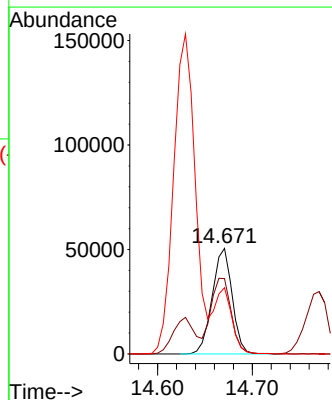
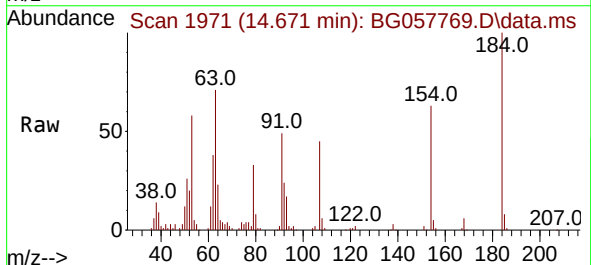
Instrument :
BNA_G
ClientSampleId :
PB153526BS

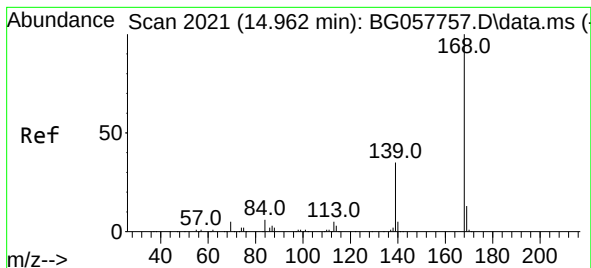
Tgt Ion:138 Resp: 44236
Ion Ratio Lower Upper
138 100
108 14.0 9.1 13.7#
92 133.5 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 87.836 ng
RT: 14.671 min Scan# 1971
Delta R.T. 0.009 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:184 Resp: 73697
Ion Ratio Lower Upper
184 100
63 71.3 55.2 82.8
154 62.7 47.4 71.0





#55

Dibenzofuran

Concen: 40.033 ng

RT: 14.964 min Scan# 20

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

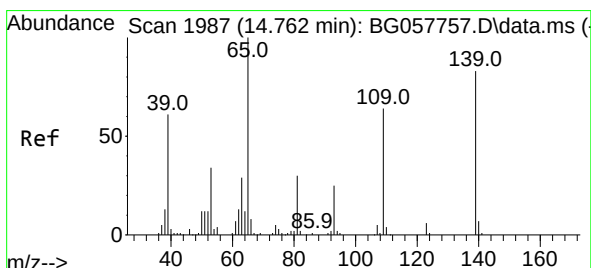
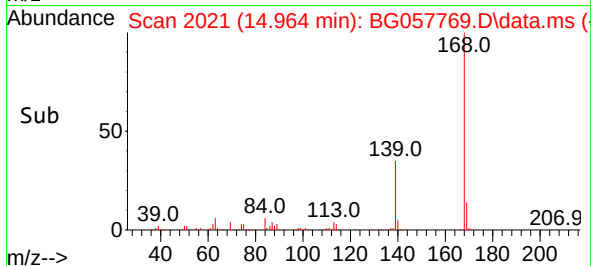
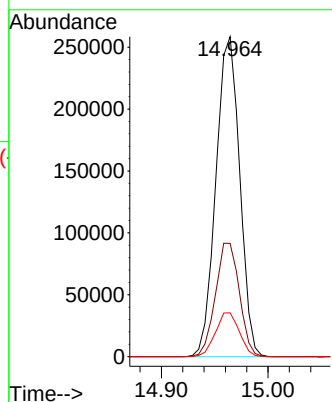
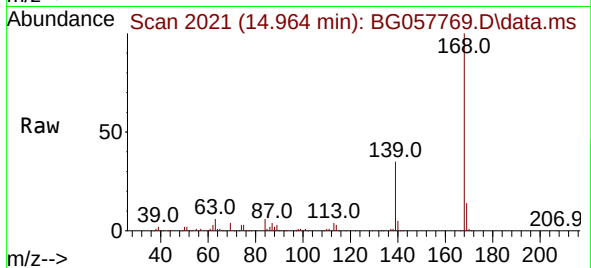
Tgt Ion:168 Resp: 399622

Ion Ratio Lower Upper

168 100

139 35.4 28.1 42.1

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 95.794 ng

RT: 14.770 min Scan# 1988

Delta R.T. 0.008 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

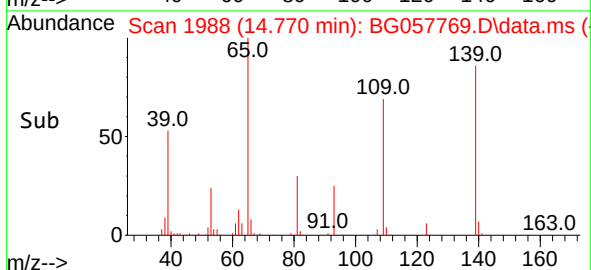
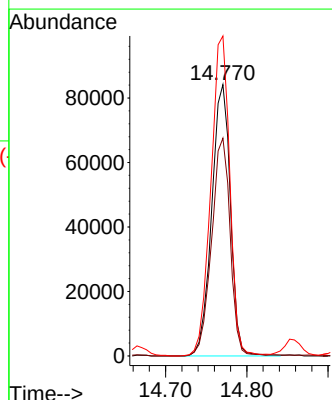
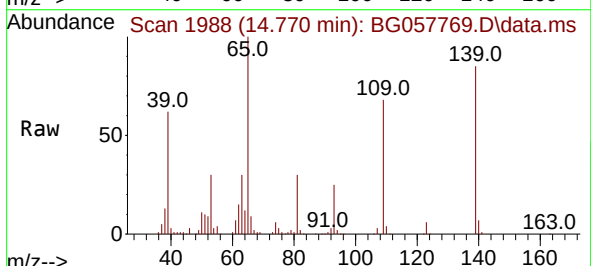
Tgt Ion:139 Resp: 134394

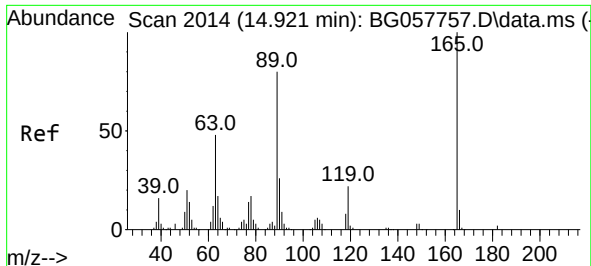
Ion Ratio Lower Upper

139 100

109 80.2 57.3 97.3

65 117.9 100.0 140.0

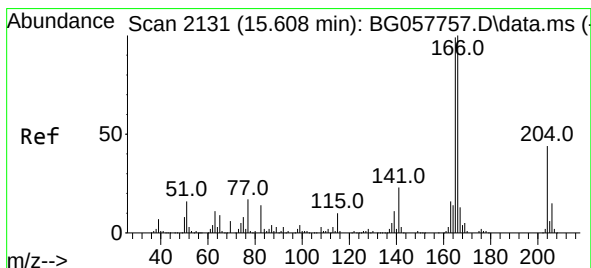
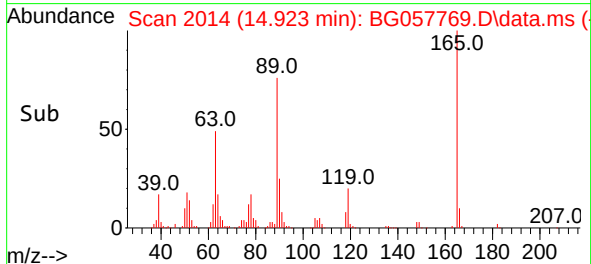
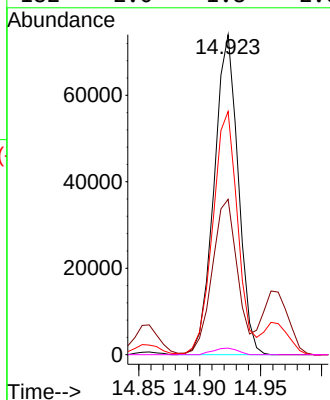
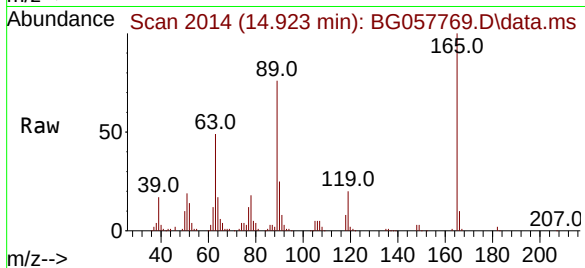




#57
2,4-Dinitrotoluene
Concen: 47.912 ng
RT: 14.923 min Scan# 2014
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

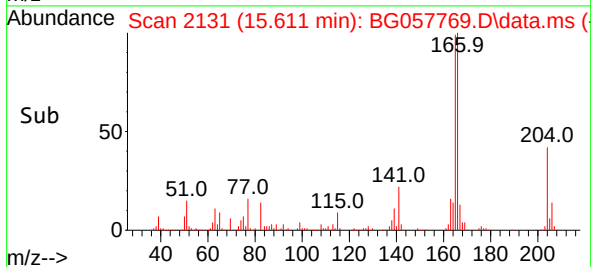
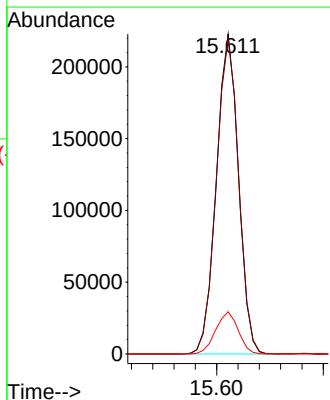
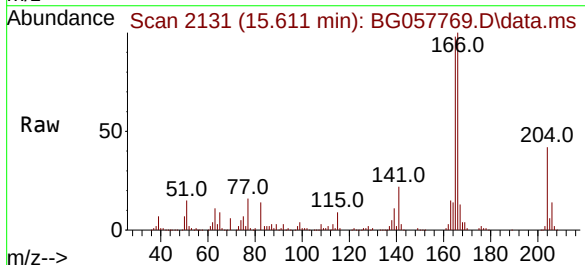
Instrument :
BNA_G
ClientSampleId :
PB153526BS

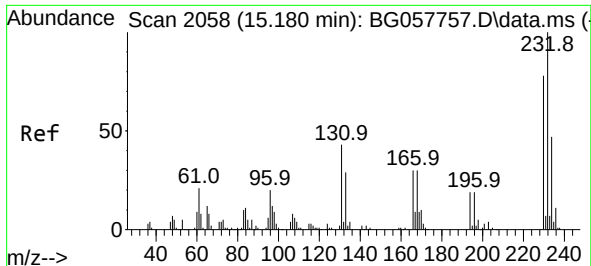
Tgt Ion:165 Resp: 101779
Ion Ratio Lower Upper
165 100
63 48.5 38.6 58.0
89 76.0 63.7 95.5
182 2.0 1.8 2.6



#58
Fluorene
Concen: 40.448 ng
RT: 15.611 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:166 Resp: 319612
Ion Ratio Lower Upper
166 100
165 98.4 79.5 119.3
167 13.2 10.6 16.0

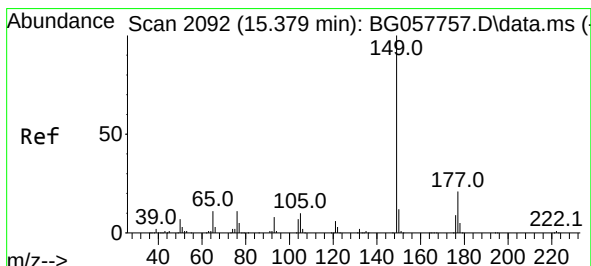
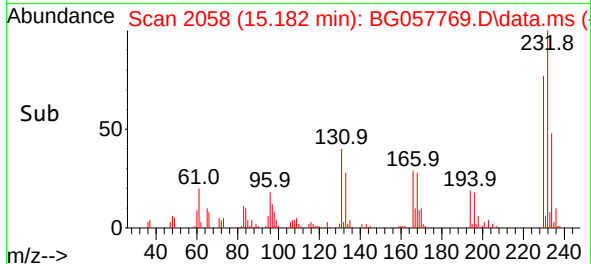
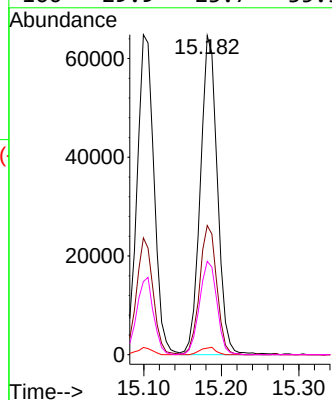
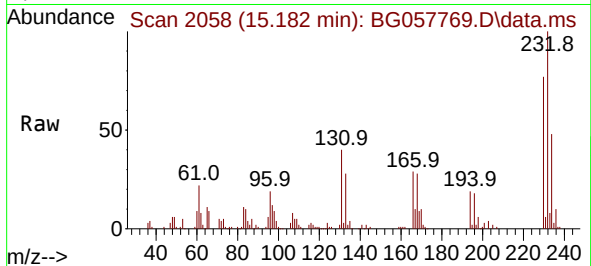




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.162 ng
RT: 15.182 min Scan# 2058
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

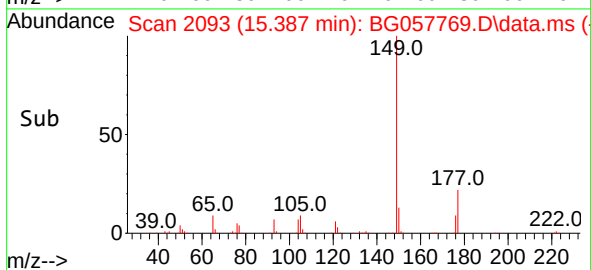
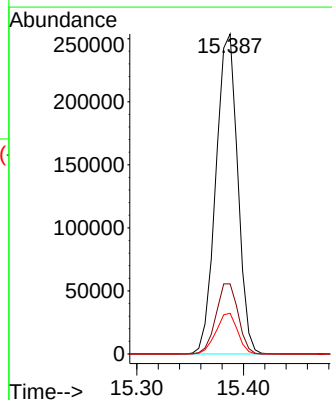
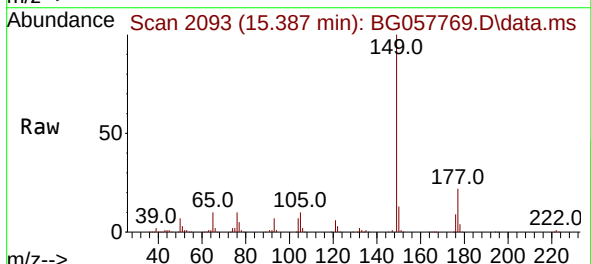
Instrument :
BNA_G
ClientSampleId :
PB153526BS

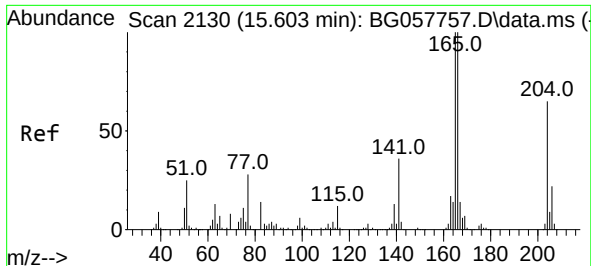
Tgt Ion:232	Resp:	98635
Ion Ratio	Lower	Upper
232	100	
131	40.6	31.9 47.9
130	2.1	1.6 2.4
166	29.9	23.7 35.5



#60
Diethylphthalate
Concen: 41.202 ng
RT: 15.387 min Scan# 2093
Delta R.T. 0.008 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:149	Resp:	359576
Ion Ratio	Lower	Upper
149	100	
177	21.9	17.0 25.6
150	12.7	10.0 15.0

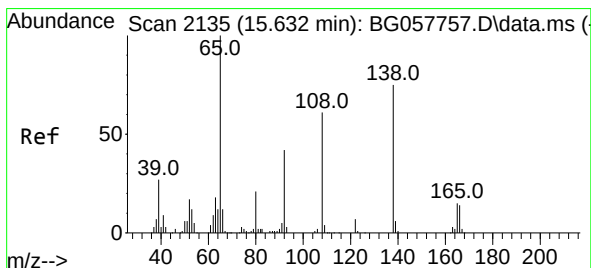
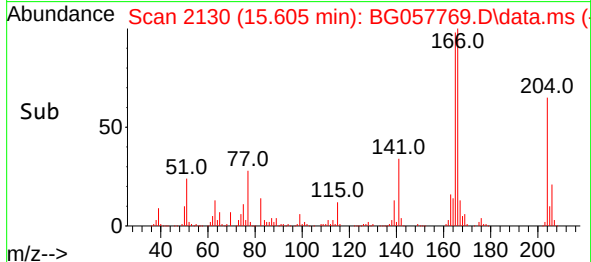
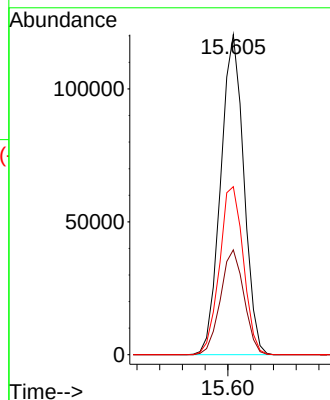
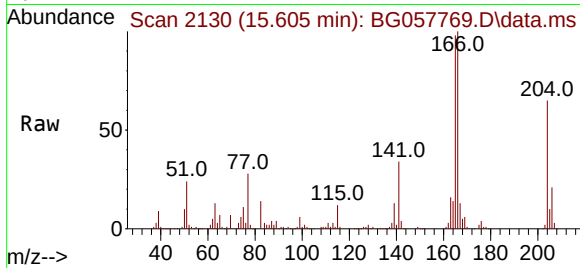




#61
4-Chlorophenyl-phenylether
Concen: 40.515 ng
RT: 15.605 min Scan# 2130
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

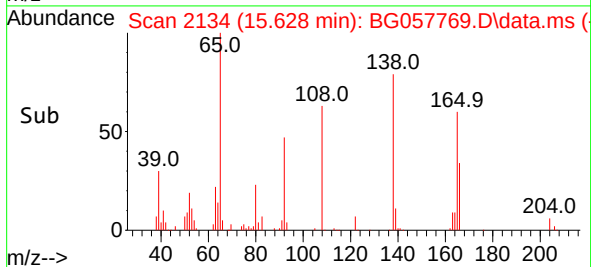
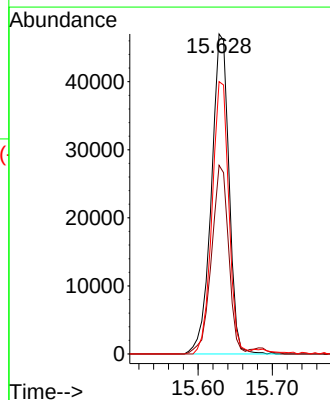
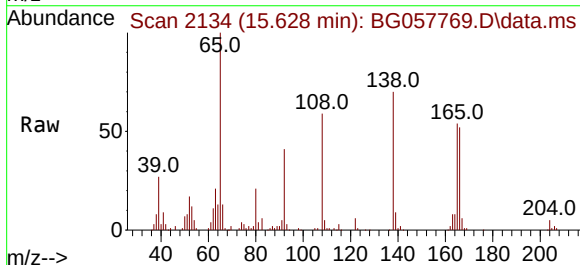
Instrument :
BNA_G
ClientSampleId :
PB153526BS

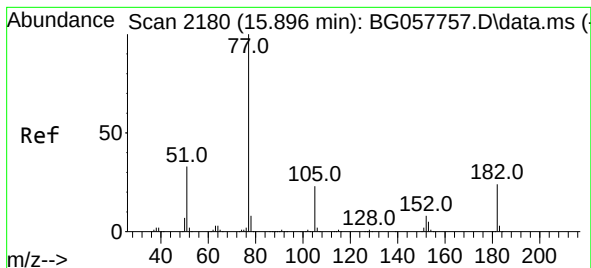
Tgt Ion:204 Resp: 170223
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 52.5 44.3 66.5



#62
4-Nitroaniline
Concen: 43.005 ng
RT: 15.628 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:138 Resp: 77397
Ion Ratio Lower Upper
138 100
92 58.9 35.9 75.9
108 85.1 62.1 102.1





#63

Azobenzene

Concen: 40.031 ng

RT: 15.899 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

Tgt Ion: 77 Resp: 357363

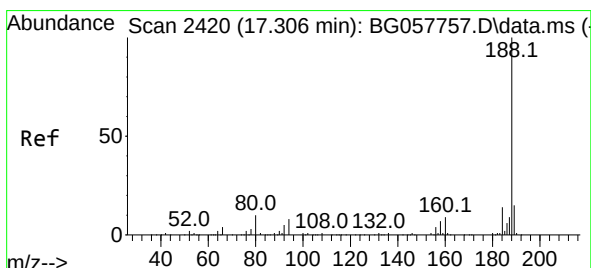
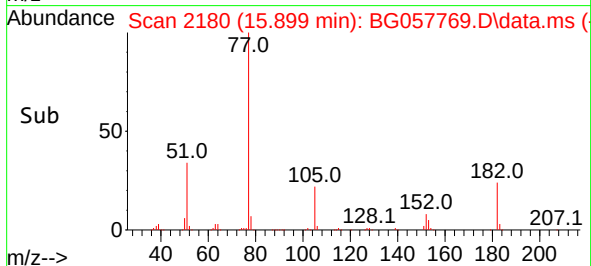
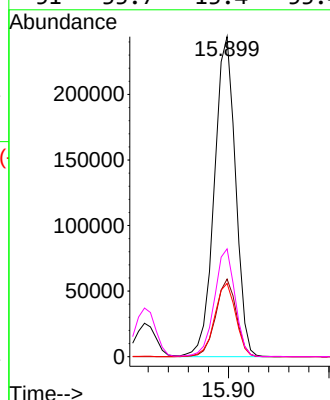
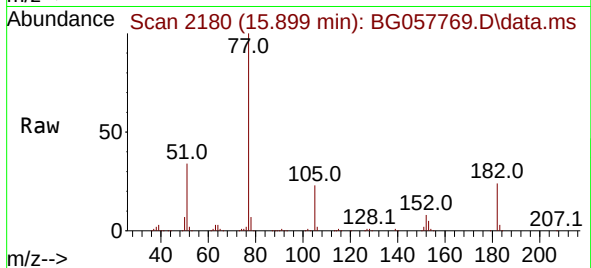
Ion Ratio Lower Upper

77 100

182 24.3 4.1 44.1

105 22.9 3.3 43.3

51 33.7 13.4 53.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2420

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

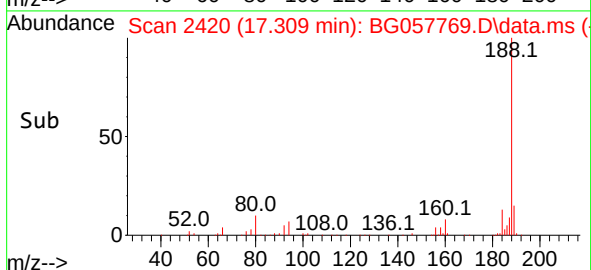
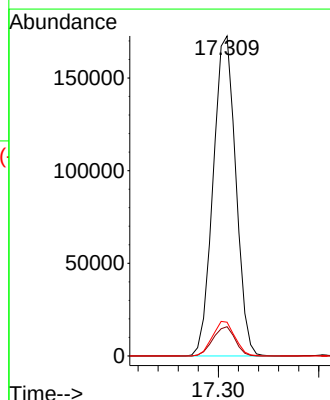
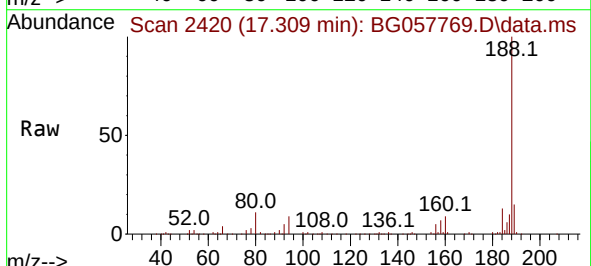
Tgt Ion:188 Resp: 270504

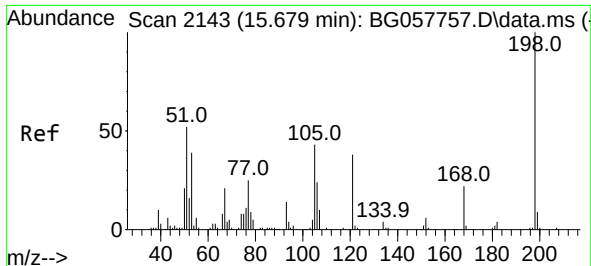
Ion Ratio Lower Upper

188 100

94 9.2 6.6 9.8

80 10.6 7.6 11.4

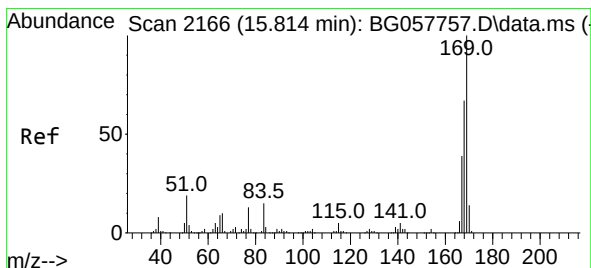
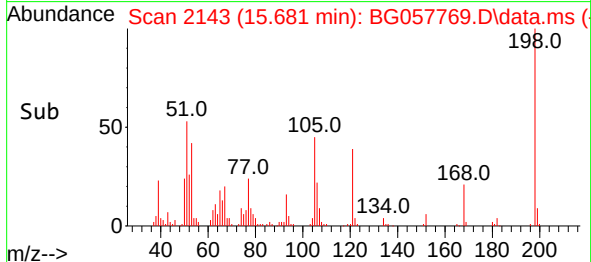
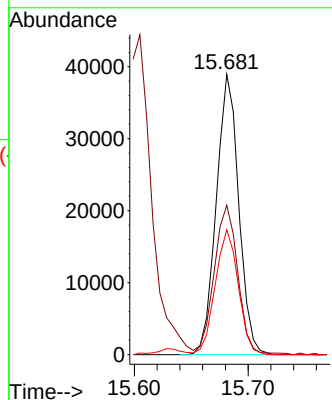
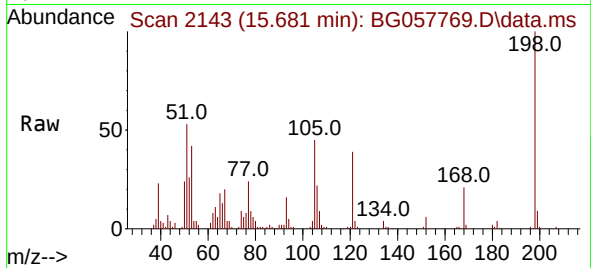




#65
4,6-Dinitro-2-methylphenol
Concen: 43.575 ng
RT: 15.681 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

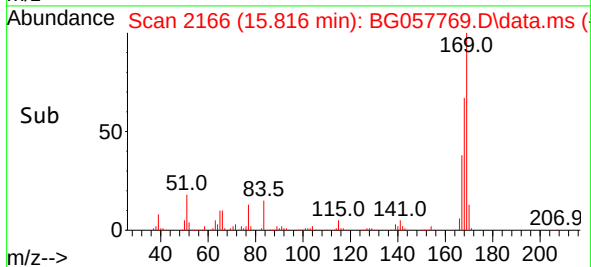
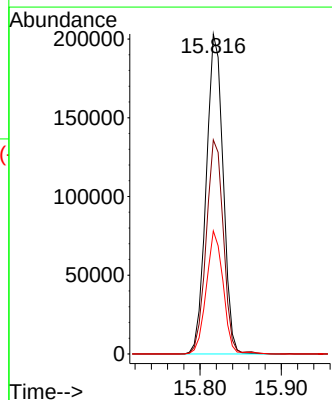
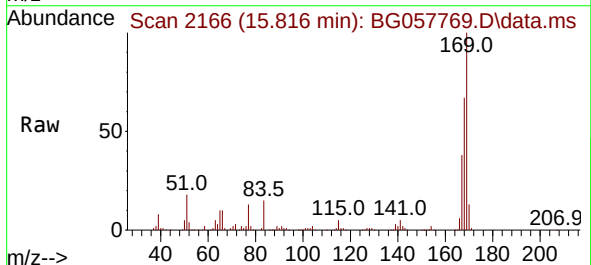
Instrument :
BNA_G
ClientSampleId :
PB153526BS

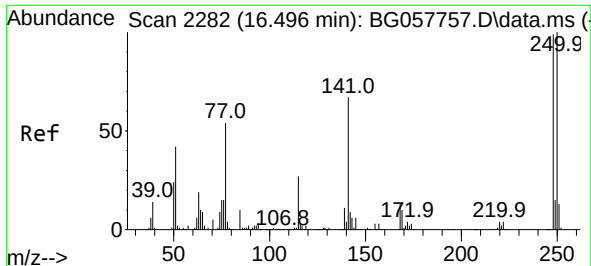
Tgt Ion:198 Resp: 53464
Ion Ratio Lower Upper
198 100
51 53.3 36.6 76.6
105 44.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 40.903 ng
RT: 15.816 min Scan# 2166
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:169 Resp: 292026
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 38.4 31.2 46.8





#67

4-Bromophenyl-phenylether

Concen: 40.131 ng

RT: 16.498 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

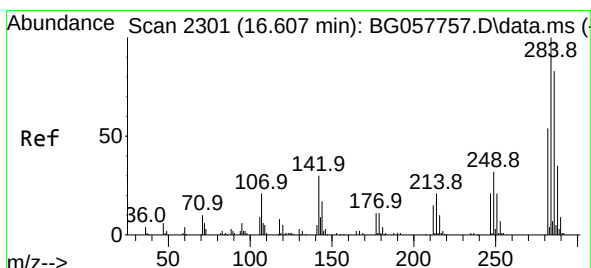
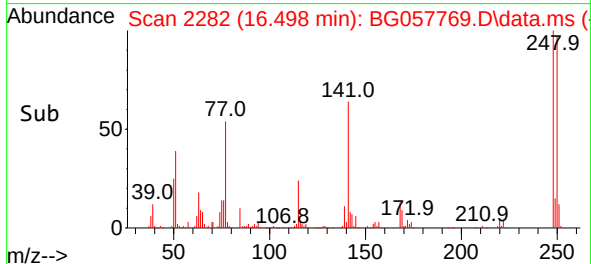
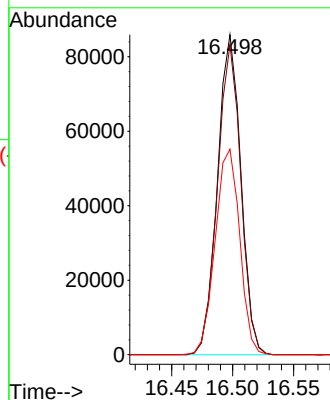
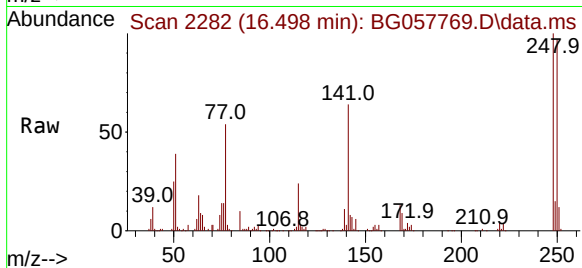
Tgt Ion:248 Resp: 115127

Ion Ratio Lower Upper

248 100

250 96.9 81.1 121.7

141 64.2 54.6 81.8



#68

Hexachlorobenzene

Concen: 42.829 ng

RT: 16.609 min Scan# 2301

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

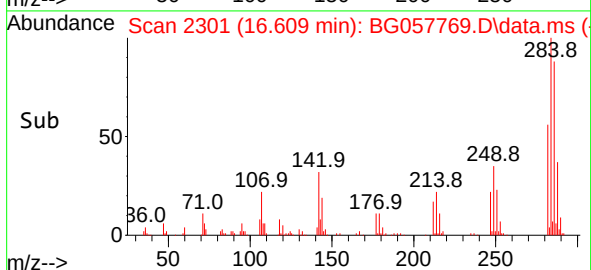
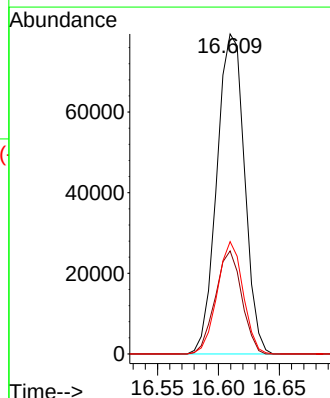
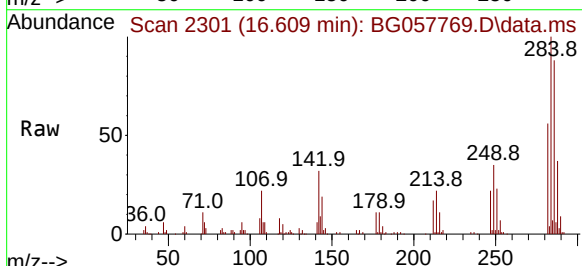
Tgt Ion:284 Resp: 125255

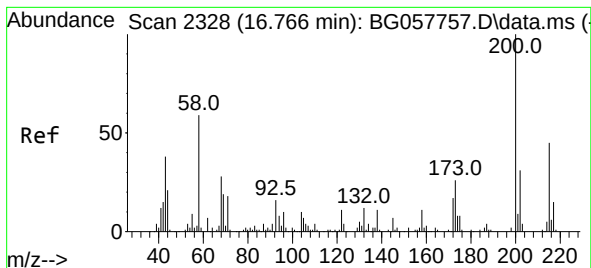
Ion Ratio Lower Upper

284 100

142 32.2 24.2 36.4

249 35.1 25.9 38.9





#69

Atrazine

Concen: 46.014 ng

RT: 16.762 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

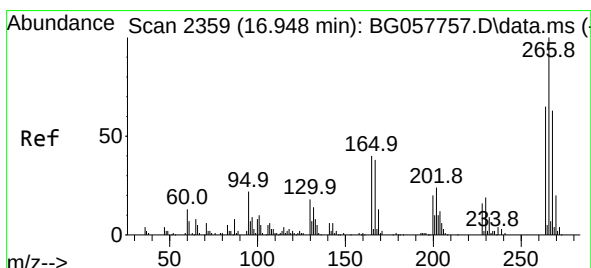
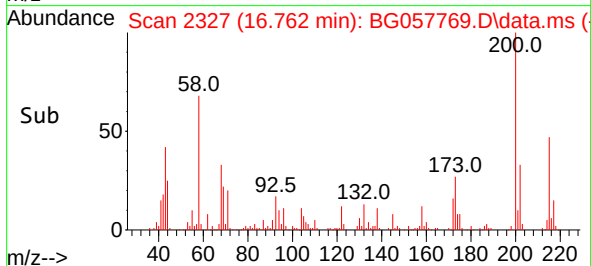
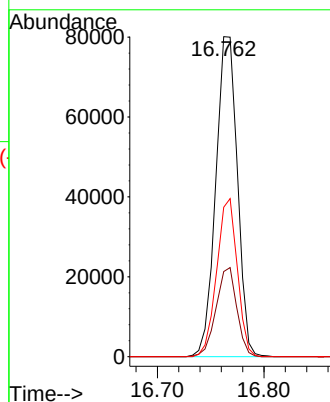
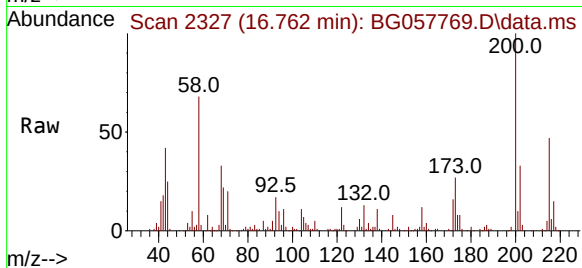
Tgt Ion:200 Resp: 112770

Ion Ratio Lower Upper

200 100

173 26.6 5.6 45.6

215 46.7 24.6 64.6



#70

Pentachlorophenol

Concen: 79.630 ng

RT: 16.950 min Scan# 2359

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

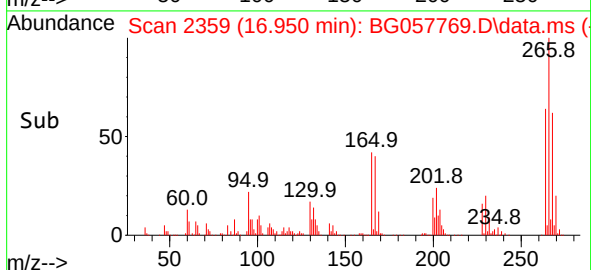
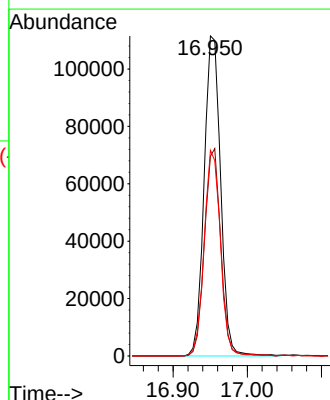
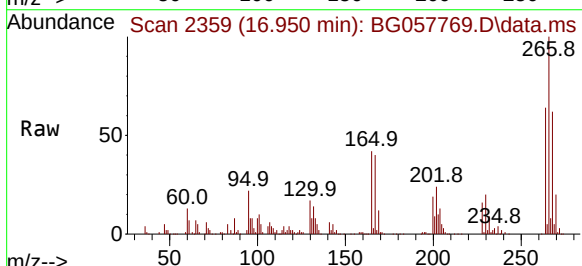
Tgt Ion:266 Resp: 172046

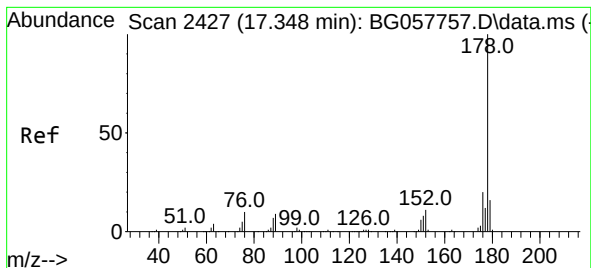
Ion Ratio Lower Upper

266 100

268 62.4 50.5 75.7

264 64.3 51.8 77.6





#71

Phenanthrene

Concen: 41.021 ng

RT: 17.350 min Scan# 2427

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

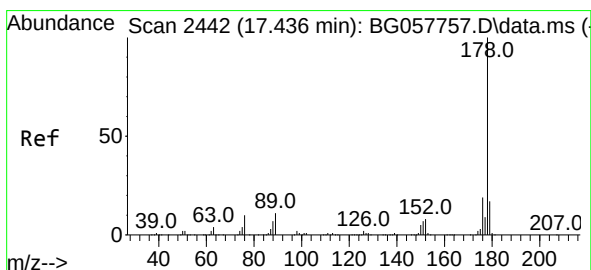
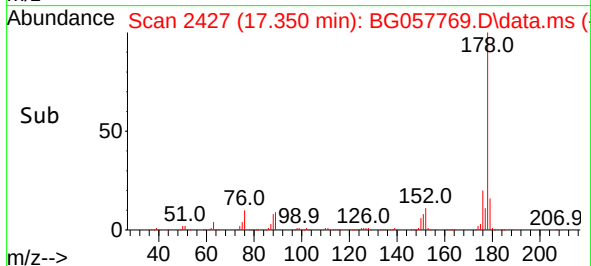
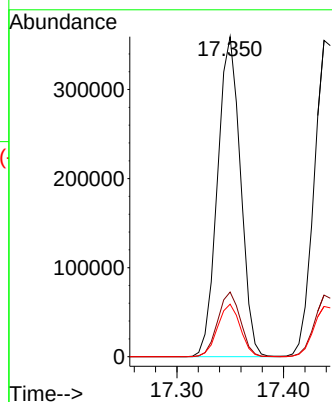
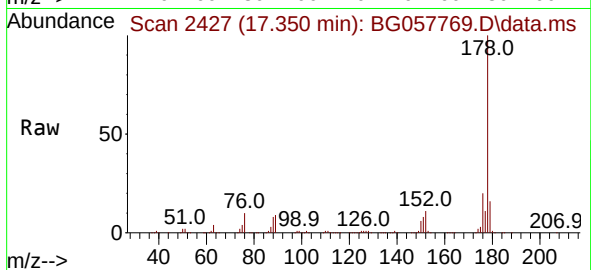
Tgt Ion:178 Resp: 537268

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

179 16.4 13.0 19.6



#72

Anthracene

Concen: 41.418 ng

RT: 17.438 min Scan# 2442

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

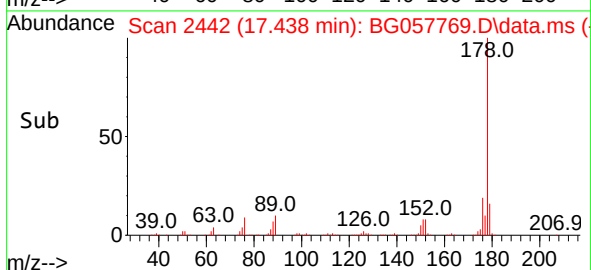
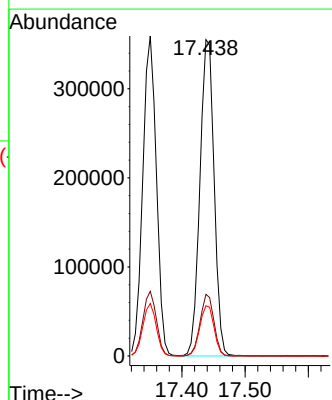
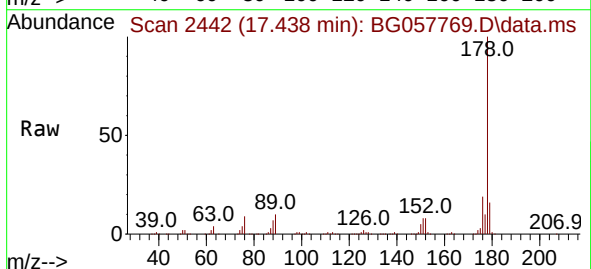
Tgt Ion:178 Resp: 553929

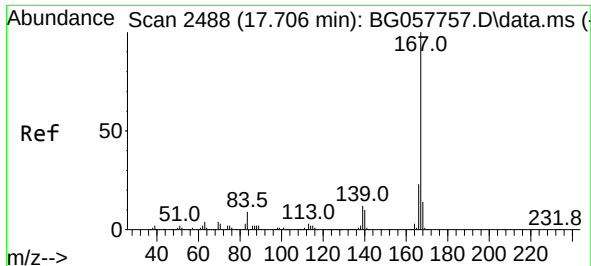
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.9 13.3 19.9

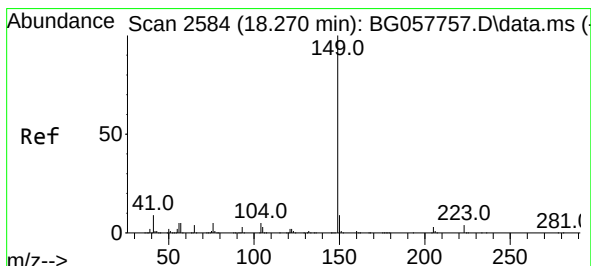
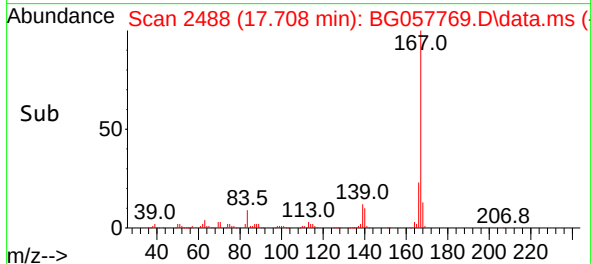
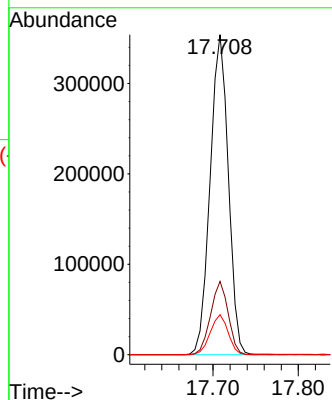
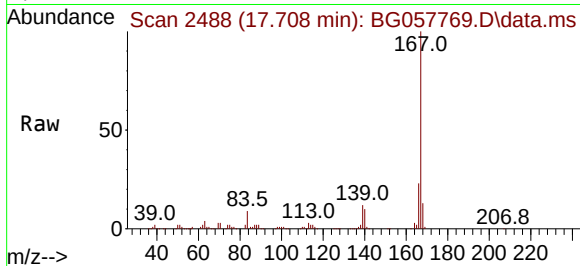




#73
 Carbazole
 Concen: 42.507 ng
 RT: 17.708 min Scan# 2488
 Delta R.T. 0.002 min
 Lab File: BG057769.D
 Acq: 20 Jun 2023 9:59

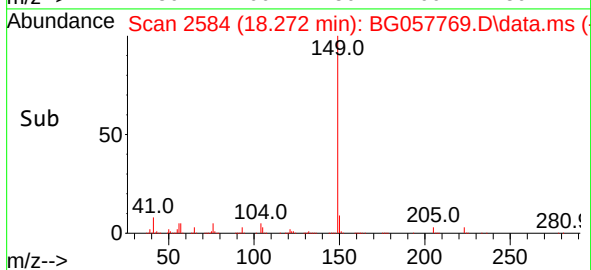
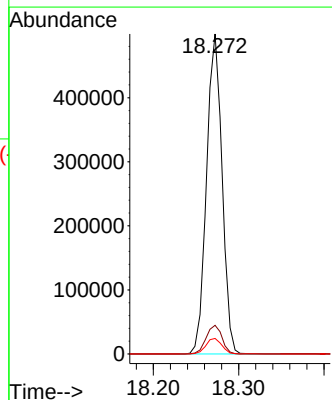
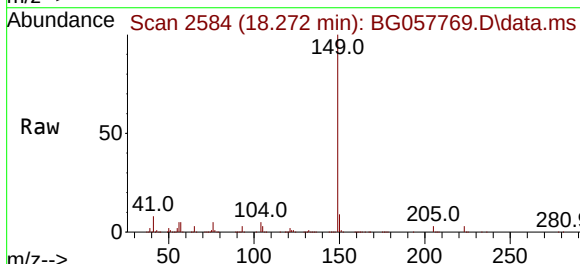
Instrument :
 BNA_G
 ClientSampleId :
 PB153526BS

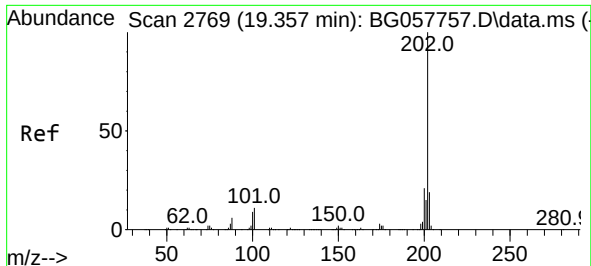
Tgt Ion:167 Resp: 524169
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.5 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 43.231 ng
 RT: 18.272 min Scan# 2584
 Delta R.T. 0.002 min
 Lab File: BG057769.D
 Acq: 20 Jun 2023 9:59

Tgt Ion:149 Resp: 631208
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.8 4.1 6.1

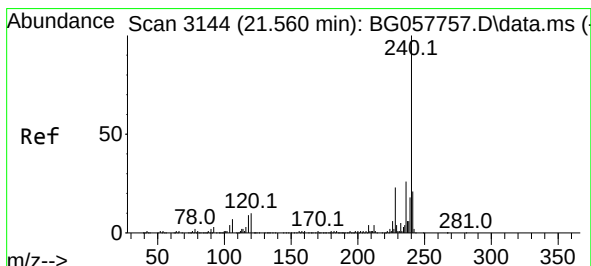
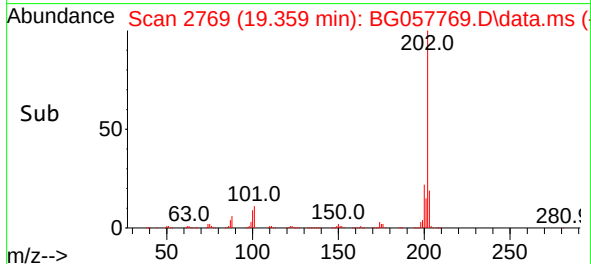
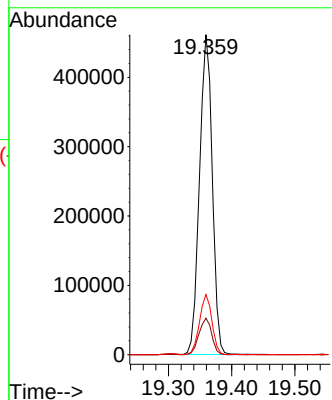
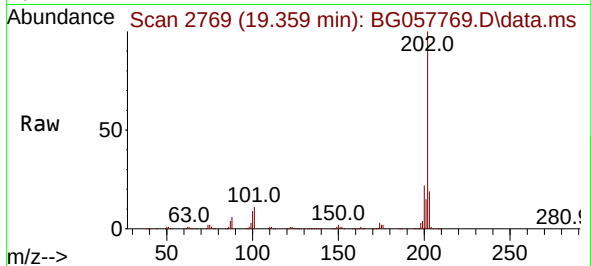




#75
Fluoranthene
Concen: 41.485 ng
RT: 19.359 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

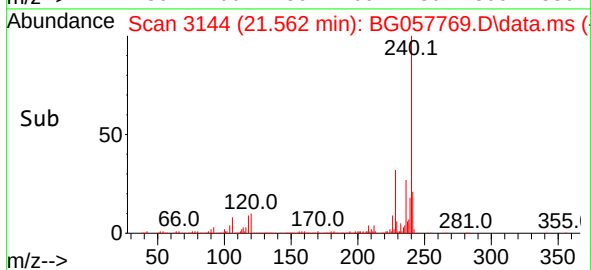
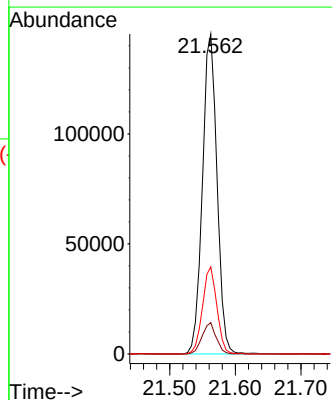
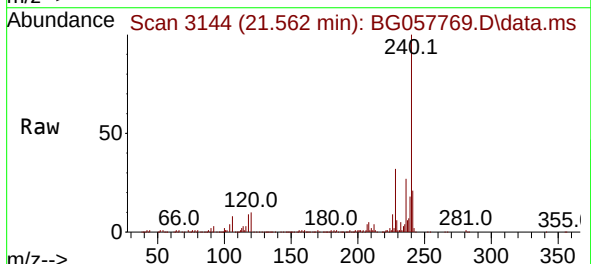
Instrument :
BNA_G
ClientSampleId :
PB153526BS

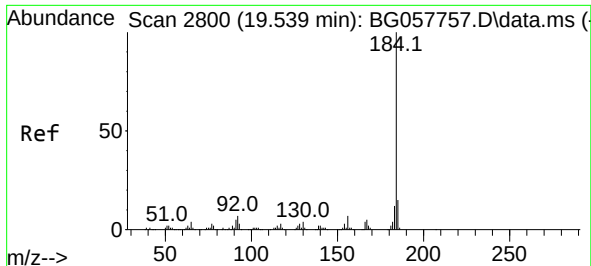
Tgt Ion:202 Resp: 647279
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 18.8 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3144
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:240 Resp: 225184
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 27.2 20.6 30.8

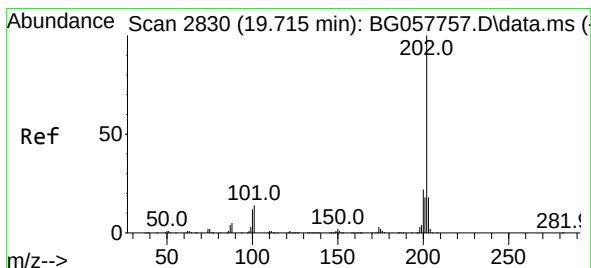
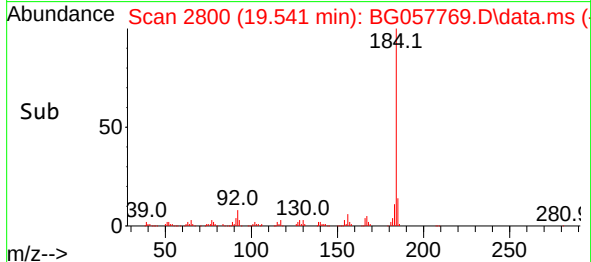
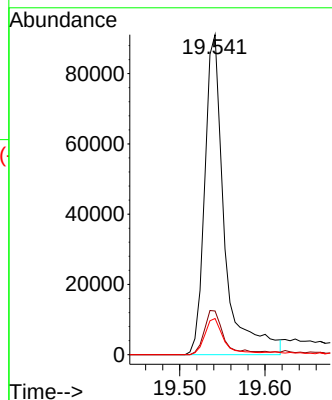
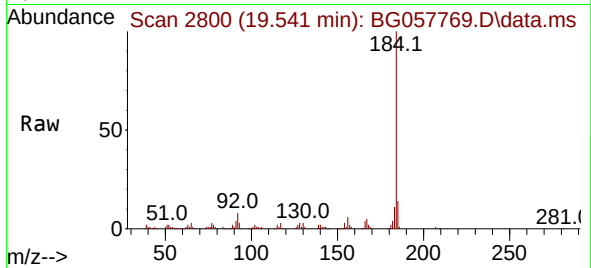




#77
Benzidine
Concen: 27.860 ng
RT: 19.541 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

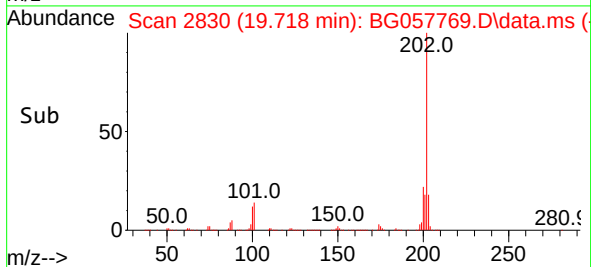
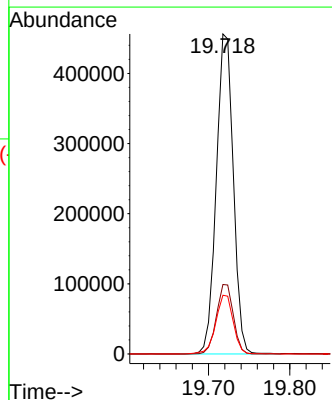
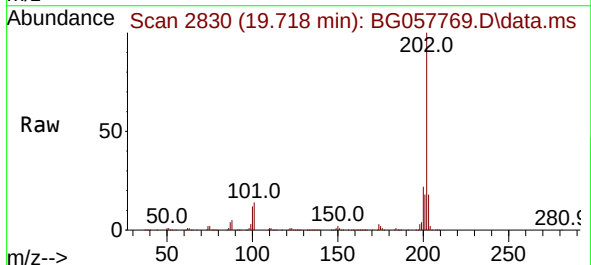
Instrument :
BNA_G
ClientSampleId :
PB153526BS

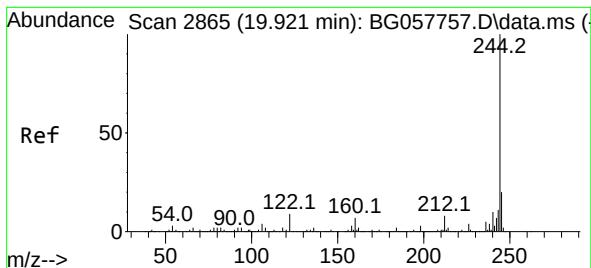
Tgt Ion:184 Resp: 147061
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 11.3 9.4 14.0



#78
Pyrene
Concen: 41.366 ng
RT: 19.718 min Scan# 2830
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:202 Resp: 664485
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 18.4 14.6 22.0





#79

Terphenyl-d14

Concen: 83.964 ng

RT: 19.923 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

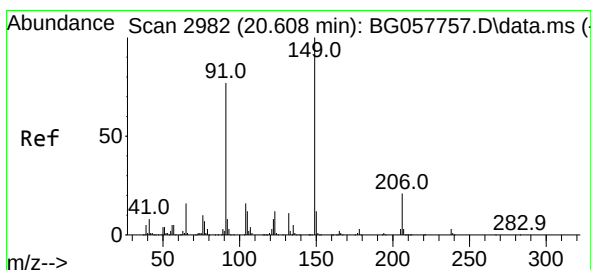
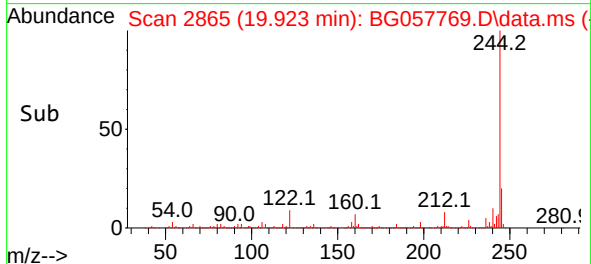
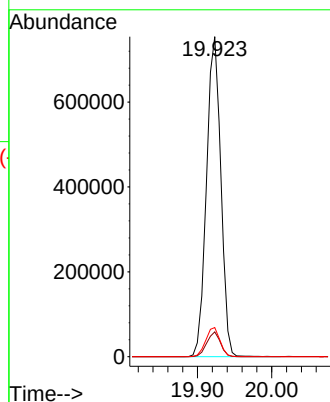
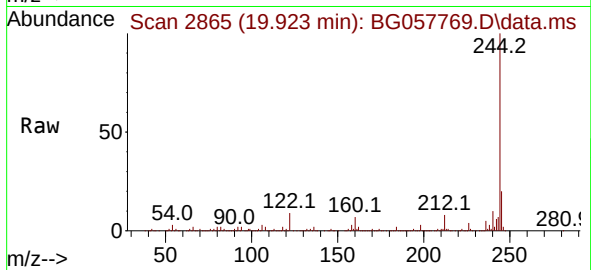
Tgt Ion:244 Resp: 1013976

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 9.1 7.6 11.4



#80

Butylbenzylphthalate

Concen: 44.734 ng

RT: 20.611 min Scan# 2982

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

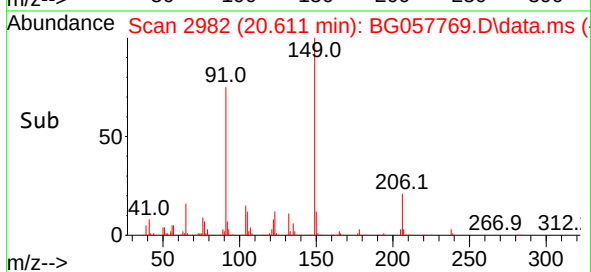
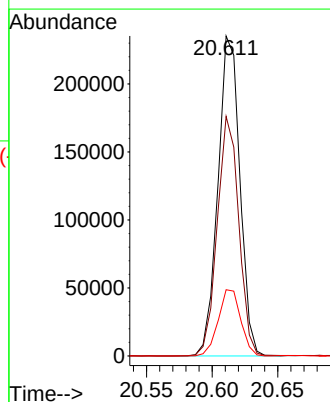
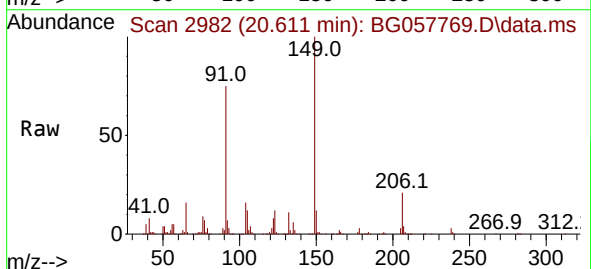
Tgt Ion:149 Resp: 273354

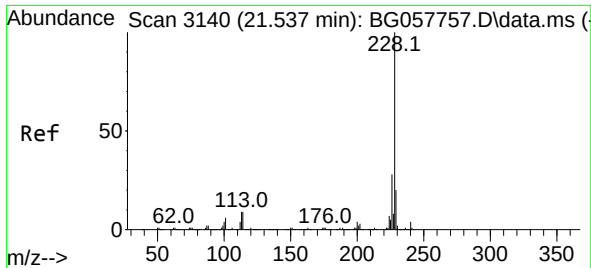
Ion Ratio Lower Upper

149 100

91 74.9 61.7 92.5

206 20.7 16.6 24.8

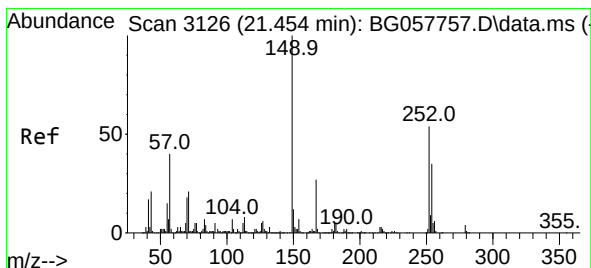
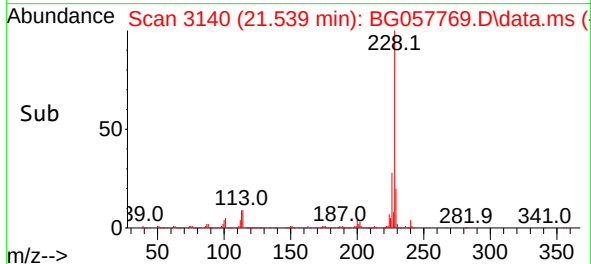
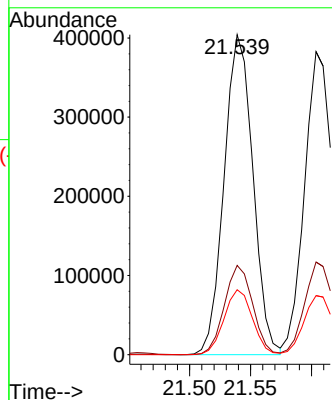
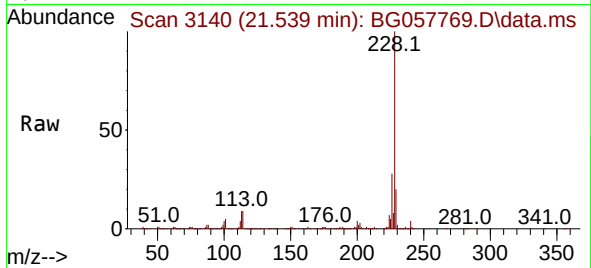




#81
Benzo(a)anthracene
Concen: 43.026 ng
RT: 21.539 min Scan# 3140
Delta R.T. 0.002 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

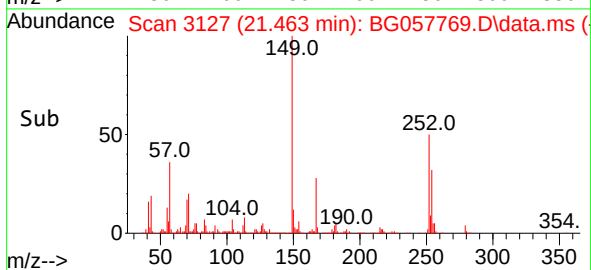
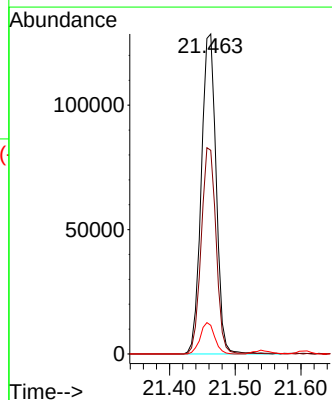
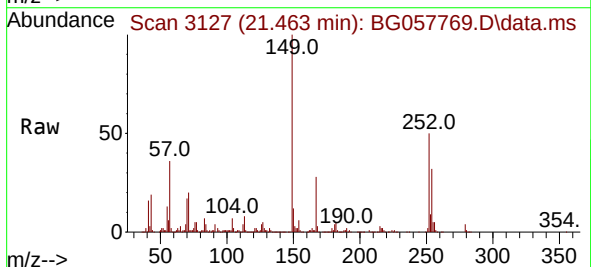
Instrument :
BNA_G
ClientSampleId :
PB153526BS

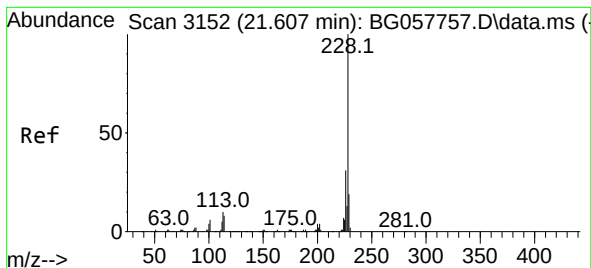
Tgt Ion:228 Resp: 664747
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 38.538 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.008 min
Lab File: BG057769.D
Acq: 20 Jun 2023 9:59

Tgt Ion:252 Resp: 202508
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.6
126 9.0 7.0 10.6





#83

Chrysene

Concen: 41.578 ng

RT: 21.604 min Scan# 3152

Delta R.T. -0.004 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

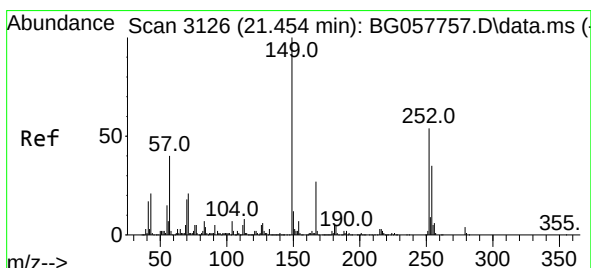
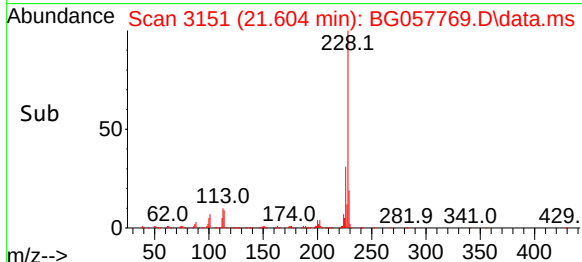
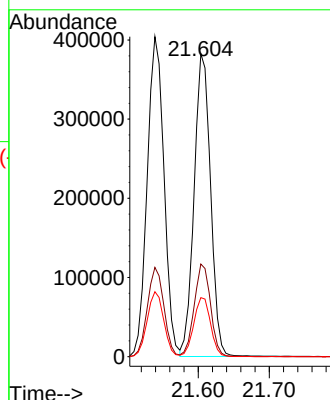
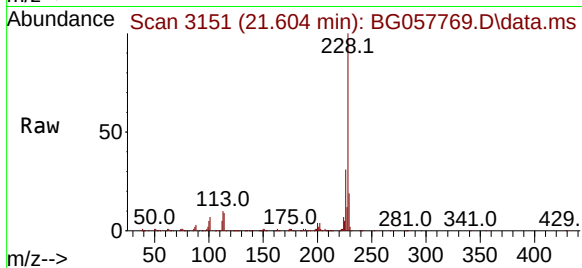
Tgt Ion:228 Resp: 616480

Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.375 ng

RT: 21.457 min Scan# 3126

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

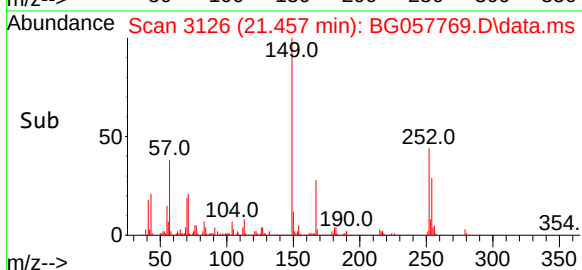
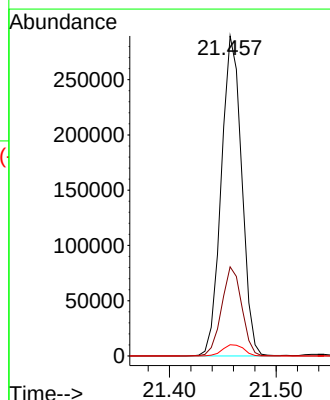
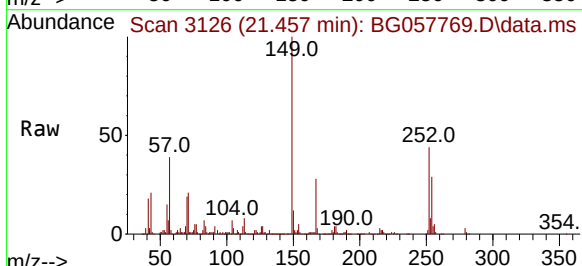
Tgt Ion:149 Resp: 384826

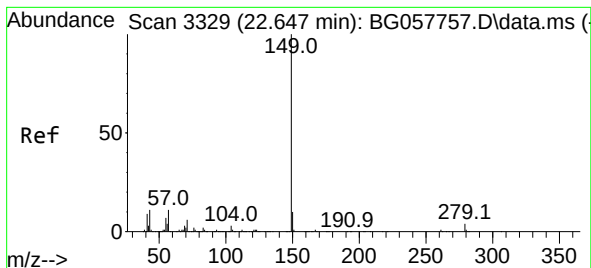
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

279 3.5 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.617 ng

RT: 22.649 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

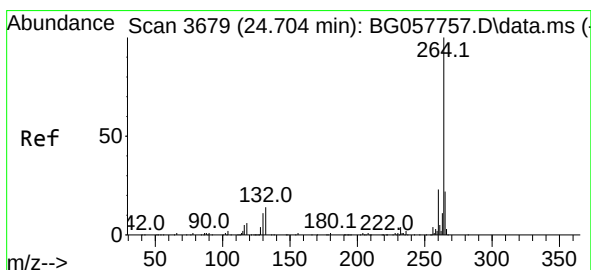
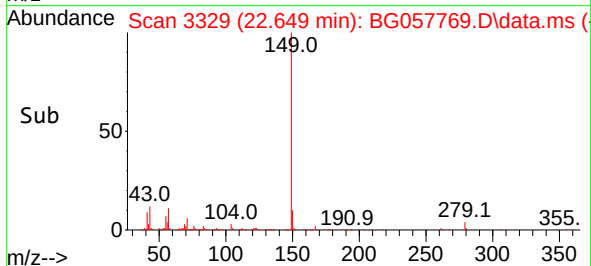
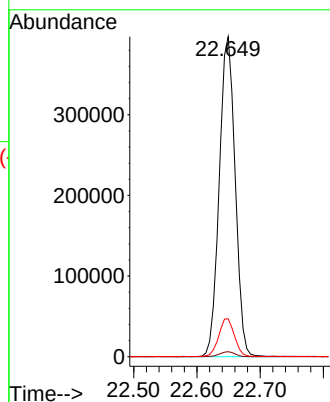
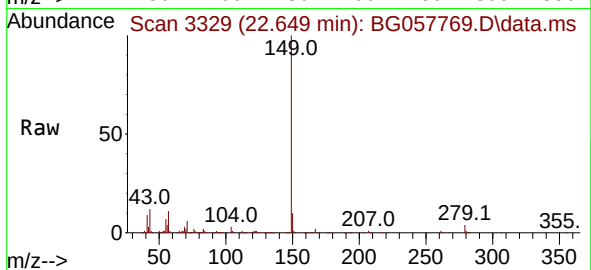
Tgt Ion:149 Resp: 694302

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.712 min Scan# 3680

Delta R.T. 0.008 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

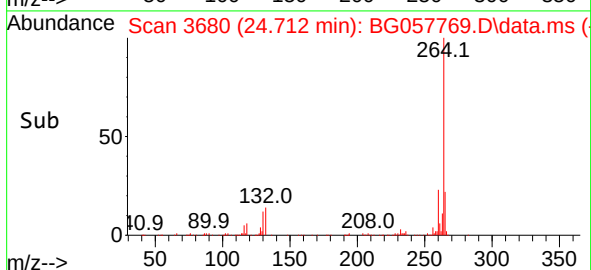
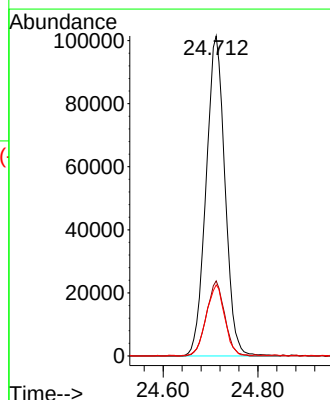
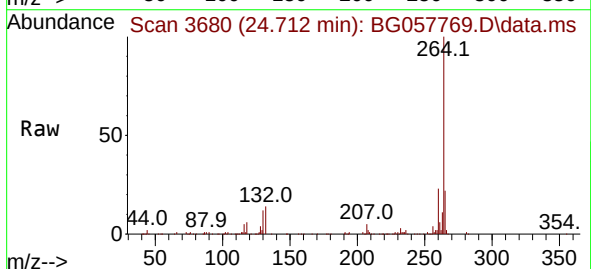
Tgt Ion:264 Resp: 280627

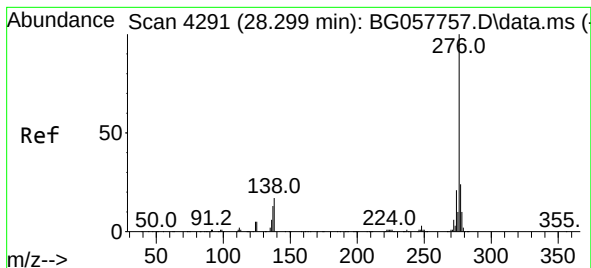
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.865 ng

RT: 28.308 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

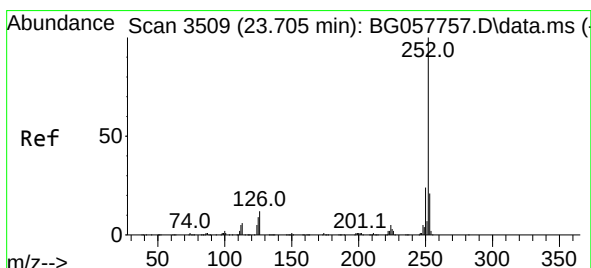
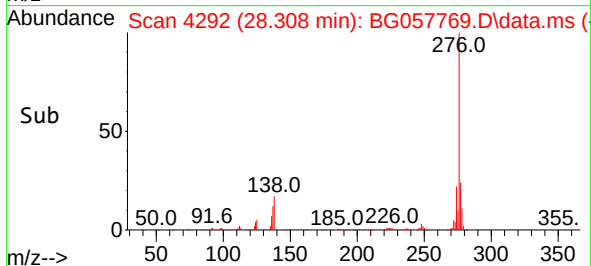
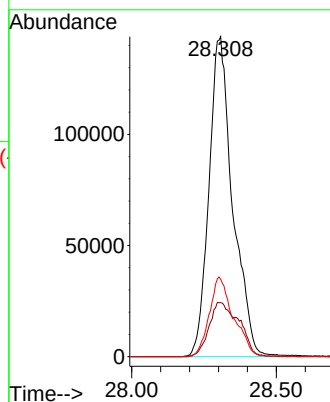
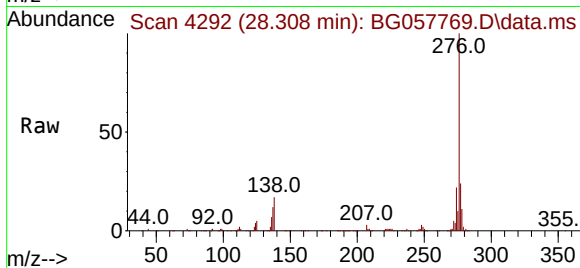
Tgt Ion:276 Resp: 823181

Ion Ratio Lower Upper

276 100

138 21.4 11.3 16.9#

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.986 ng

RT: 23.713 min Scan# 3510

Delta R.T. 0.008 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

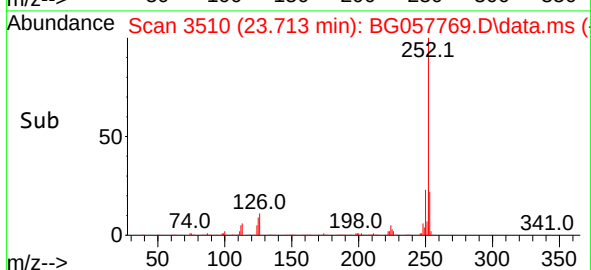
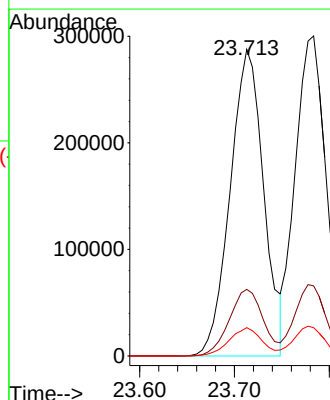
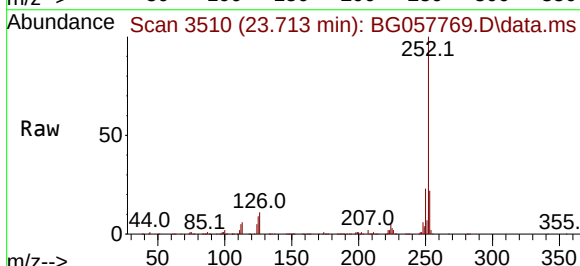
Tgt Ion:252 Resp: 707179

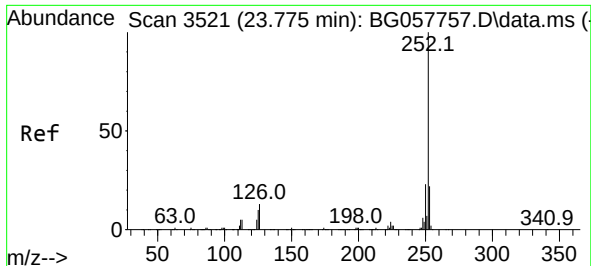
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.181 ng

RT: 23.783 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

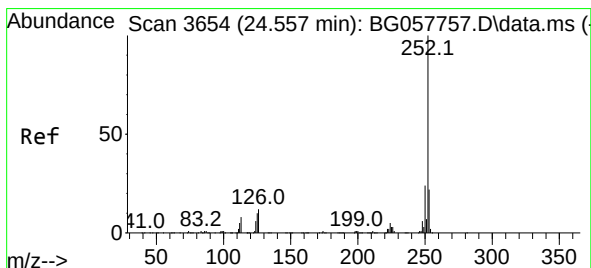
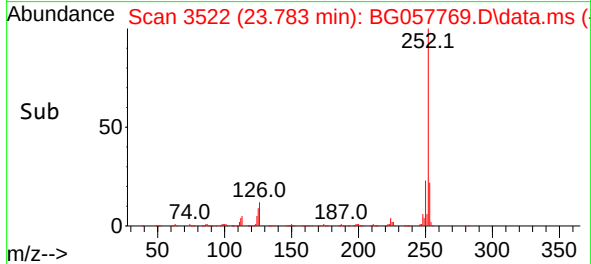
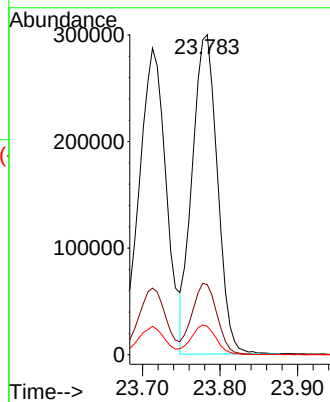
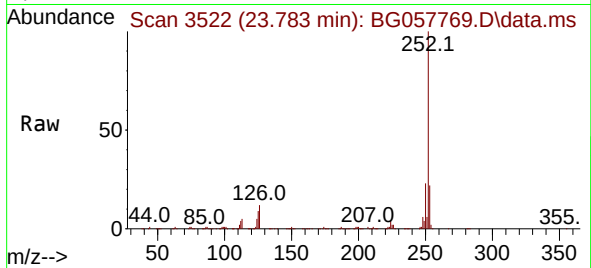
Tgt Ion:252 Resp: 676302

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 8.9 7.6 11.4



#90

Benzo(a)pyrene

Concen: 41.026 ng

RT: 24.565 min Scan# 3655

Delta R.T. 0.008 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

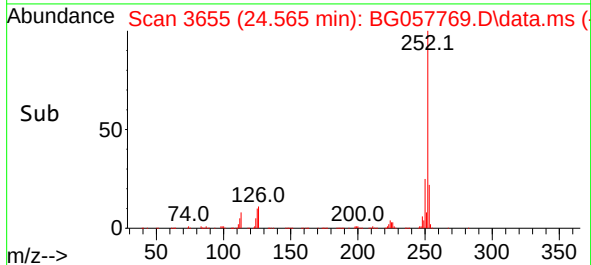
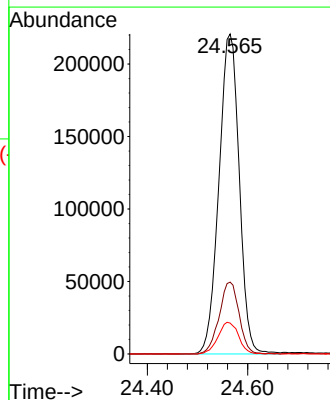
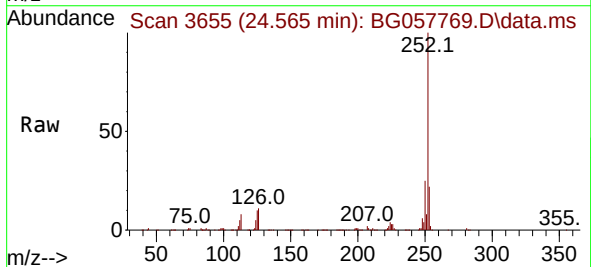
Tgt Ion:252 Resp: 619607

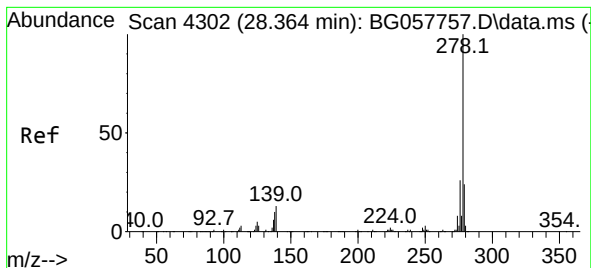
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 9.6 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 45.276 ng

RT: 28.372 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Instrument :

BNA_G

ClientSampleId :

PB153526BS

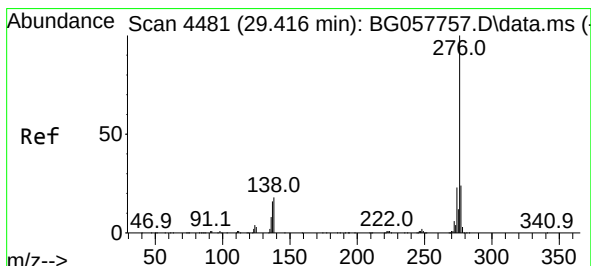
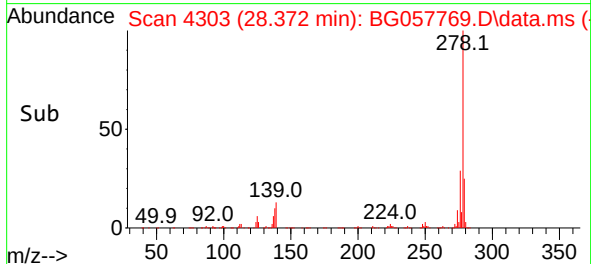
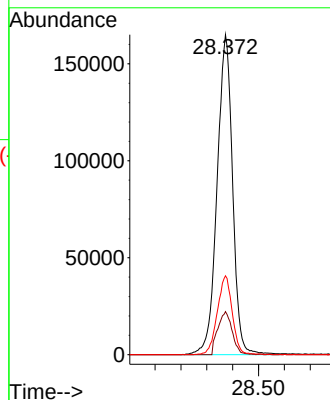
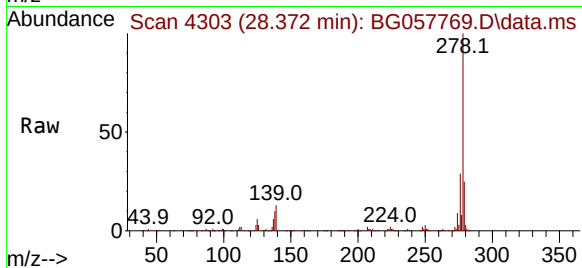
Tgt Ion:278 Resp: 689248

Ion Ratio Lower Upper

278 100

139 13.4 10.8 16.2

279 24.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.149 ng

RT: 29.430 min Scan# 4483

Delta R.T. 0.014 min

Lab File: BG057769.D

Acq: 20 Jun 2023 9:59

Tgt Ion:276 Resp: 672959

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 18.2 14.2 21.4

