

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057638.D
 Acq On : 6 Jun 2023 15:23
 Operator : CG/JU
 Sample : PB153188BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153188BS

Quant Time: Jun 06 16:06:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	20630	20.000	ng	0.00
21) Naphthalene-d8	11.179	136	88706	20.000	ng	0.00
39) Acenaphthene-d10	14.962	164	67480	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	170976	20.000	ng	0.00
76) Chrysene-d12	22.012	240	151842	20.000	ng	0.00
86) Perylene-d12	25.501	264	165992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	195347	164.507	ng	0.00
7) Phenol-d6	7.496	99	283523	152.565	ng	0.00
23) Nitrobenzene-d5	9.523	82	177456	93.515	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	137652	127.412	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	439591	93.619	ng	0.00
79) Terphenyl-d14	20.267	244	867130	98.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.642	88	19514	39.663	ng	96
3) Pyridine	4.071	79	54703	36.368	ng	98
4) n-Nitrosodimethylamine	3.983	42	28563	46.933	ng	88
6) Aniline	7.655	93	102783	45.718	ng	97
8) 2-Chlorophenol	7.901	128	72868	57.159	ng	95
9) Benzaldehyde	7.467	77	45811	37.207	ng	92
10) Phenol	7.520	94	99015	56.293	ng	99
11) bis(2-Chloroethyl)ether	7.743	93	68776	52.366	ng	95
12) 1,3-Dichlorobenzene	8.230	146	72271	53.212	ng	99
13) 1,4-Dichlorobenzene	8.377	146	75242	54.454	ng	98
14) 1,2-Dichlorobenzene	8.700	146	73160	54.283	ng	96
15) Benzyl Alcohol	8.583	79	72687	50.846	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.853	45	86514	53.049	ng	95
17) 2-Methylphenol	8.788	107	66609	51.568	ng	94
18) Hexachloroethane	9.440	117	27025	57.120	ng	94
19) n-Nitroso-di-n-propyla...	9.147	70	62437	48.360	ng	97
20) 3+4-Methylphenols	9.117	107	91673	50.557	ng	97
22) Acetophenone	9.176	105	115945	48.881	ng	# 97
24) Nitrobenzene	9.570	77	90433	46.948	ng	99
25) Isophorone	10.087	82	172086	46.138	ng	97
26) 2-Nitrophenol	10.286	139	40873	49.489	ng	99
27) 2,4-Dimethylphenol	10.333	122	76537	53.601	ng	97
28) bis(2-Chloroethoxy)met...	10.557	93	96949	50.127	ng	99
29) 2,4-Dichlorophenol	10.833	162	78061	52.051	ng	99
30) 1,2,4-Trichlorobenzene	11.038	180	82186	50.283	ng	98
31) Naphthalene	11.232	128	224888	47.925	ng	98
32) Benzoic acid	10.492	122	31128	38.858	ng	97
33) 4-Chloroaniline	11.344	127	90226	41.812	ng	98
34) Hexachlorobutadiene	11.496	225	55330	48.943	ng	96
35) Caprolactam	12.107	113	18944	30.471	ng	95
36) 4-Chloro-3-methylphenol	12.442	107	88179	49.674	ng	97
37) 2-Methylnaphthalene	12.812	142	168016	45.620	ng	97
38) 1-Methylnaphthalene	13.030	142	157475	44.807	ng	98
40) 1,2,4,5-Tetrachloroben...	13.177	216	110244	49.774	ng	99
41) Hexachlorocyclopentadiene	13.141	237	60032	95.316	ng	94
43) 2,4,6-Trichlorophenol	13.412	196	69141	49.584	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057638.D
 Acq On : 6 Jun 2023 15:23
 Operator : CG/JU
 Sample : PB153188BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

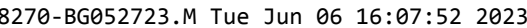
Instrument :
 BNA_G
 ClientSampleId :
 PB153188BS

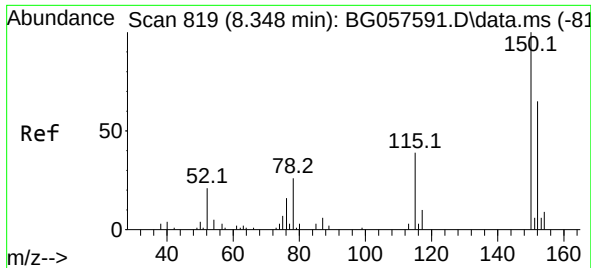
Quant Time: Jun 06 16:06:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	73731	44.396	ng	98
46) 1,1'-Biphenyl	13.799	154	240334	49.832	ng	98
47) 2-Chloronaphthalene	13.852	162	182068	50.119	ng	97
48) 2-Nitroaniline	14.052	65	59703	46.919	ng	97
49) Acenaphthylene	14.692	152	291474	47.383	ng	99
50) Dimethylphthalate	14.398	163	253914	45.655	ng	99
51) 2,6-Dinitrotoluene	14.534	165	57322	48.148	ng	99
52) Acenaphthene	15.027	154	178287	47.366	ng	97
53) 3-Nitroaniline	14.868	138	51519	41.489	ng	# 95
54) 2,4-Dinitrophenol	15.092	184	61080	84.617	ng	95
55) Dibenzofuran	15.356	168	296891	46.160	ng	98
56) 4-Nitrophenol	15.186	139	75983	91.838	ng	90
57) 2,4-Dinitrotoluene	15.327	165	82399	46.225	ng	99
58) Fluorene	16.002	166	250390	46.108	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.585	232	70109	45.061	ng	# 99
60) Diethylphthalate	15.744	149	262191	45.167	ng	99
61) 4-Chlorophenyl-phenyle...	15.979	204	138543	45.777	ng	98
62) 4-Nitroaniline	16.032	138	59772	44.622	ng	92
63) Azobenzene	16.272	77	240864	46.657	ng	98
65) 4,6-Dinitro-2-methylph...	16.096	198	50355	48.370	ng	92
66) n-Nitrosodiphenylamine	16.196	169	225187	50.673	ng	96
67) 4-Bromophenyl-phenylether	16.872	248	95825	49.964	ng	98
68) Hexachlorobenzene	17.013	284	102583	51.889	ng	96
69) Atrazine	17.130	200	101746	53.328	ng	99
70) Pentachlorophenol	17.359	266	79352	78.774	ng	99
71) Phenanthrene	17.747	178	430512	49.204	ng	99
72) Anthracene	17.835	178	434641	48.424	ng	99
73) Carbazole	18.105	167	395652	49.274	ng	100
74) Di-n-butylphthalate	18.616	149	463305	48.604	ng	98
75) Fluoranthene	19.738	202	524992	46.220	ng	100
77) Benzidine	19.903	184	293500	63.877	ng	100
78) Pyrene	20.097	202	530228	49.043	ng	100
80) Butylbenzylphthalate	20.943	149	198090	50.309	ng	98
81) Benzo(a)anthracene	21.988	228	509592	48.375	ng	98
82) 3,3'-Dichlorobenzidine	21.882	252	152762	39.324	ng	97
83) Chrysene	22.059	228	465905	46.801	ng	99
84) Bis(2-ethylhexyl)phtha...	21.824	149	283686	50.509	ng	99
85) Di-n-octyl phthalate	23.116	149	473029	50.810	ng	100
87) Indeno(1,2,3-cd)pyrene	29.560	276	567140	49.005	ng	98
88) Benzo(b)fluoranthene	24.385	252	515106	50.415	ng	99
89) Benzo(k)fluoranthene	24.455	252	501741	48.658	ng	98
90) Benzo(a)pyrene	25.342	252	451060	45.269	ng	99
91) Dibenzo(a,h)anthracene	29.607	278	470855	48.886	ng	99
92) Benzo(g,h,i)perylene	30.835	276	459921	48.962	ng	96

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

Quant Time: Jun 06 16:06:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

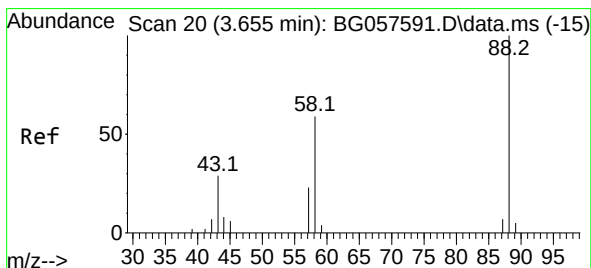
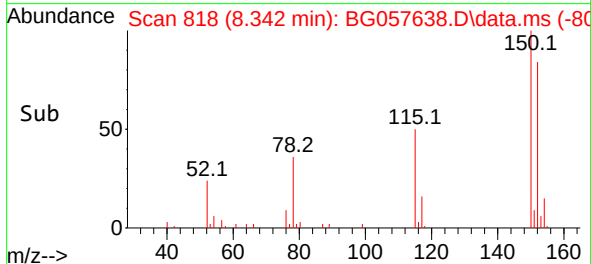
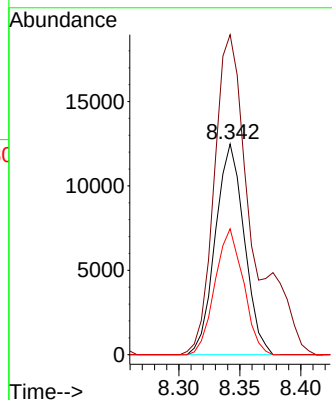
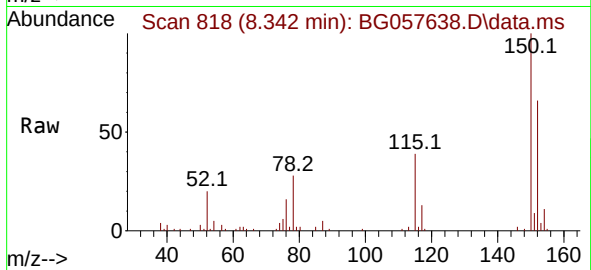




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.342 min Scan# 81
 Delta R.T. 0.008 min
 Lab File: BG057638.D
 Acq: 6 Jun 2023 15:23

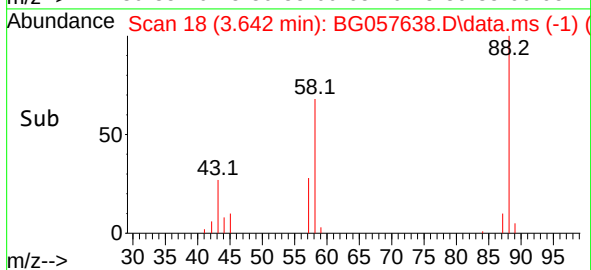
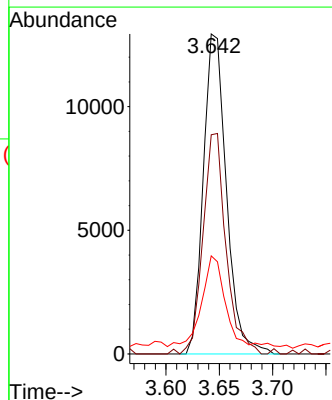
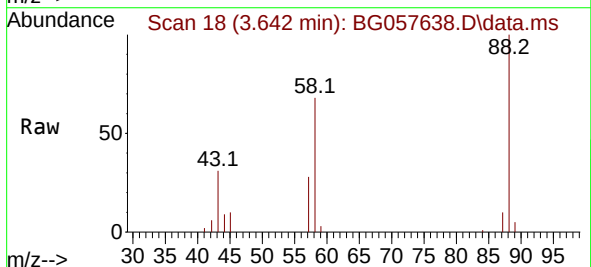
Instrument :
 BNA_G
 ClientSampleId :
 PB153188BS

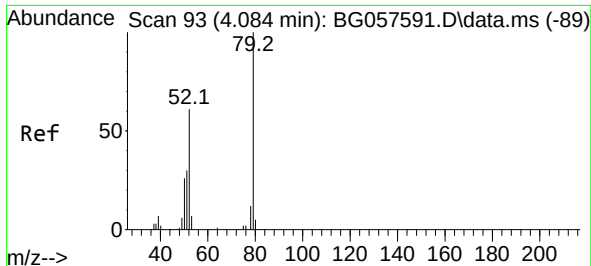
Tgt Ion:152 Resp: 20630
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.0 184.4
 115 59.8 47.4 71.2



#2
 1,4-Dioxane
 Concen: 39.663 ng
 RT: 3.642 min Scan# 18
 Delta R.T. 0.002 min
 Lab File: BG057638.D
 Acq: 6 Jun 2023 15:23

Tgt Ion: 88 Resp: 19514
 Ion Ratio Lower Upper
 88 100
 58 68.8 52.6 79.0
 43 30.2 22.1 33.1



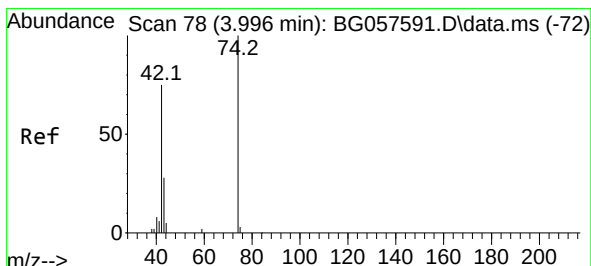
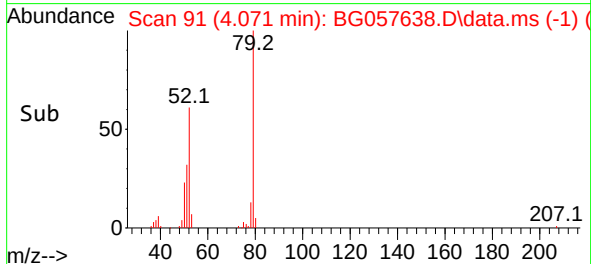
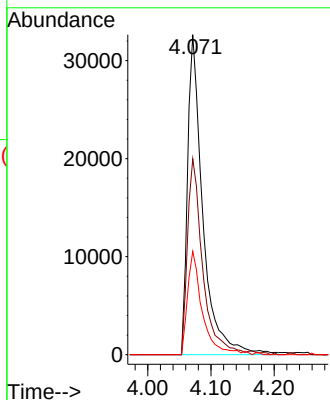
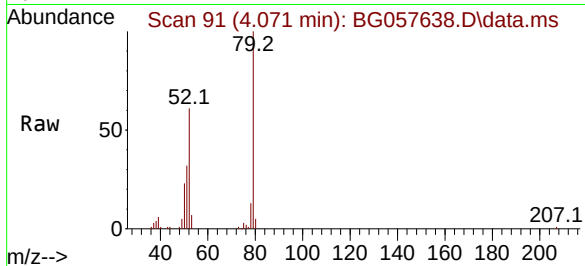


#3
 Pyridine
 Concen: 36.368 ng
 RT: 4.071 min Scan# 91
 Delta R.T. 0.002 min
 Lab File: BG057638.D
 Acq: 6 Jun 2023 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB153188BS

Tgt Ion: 79 Resp: 54703

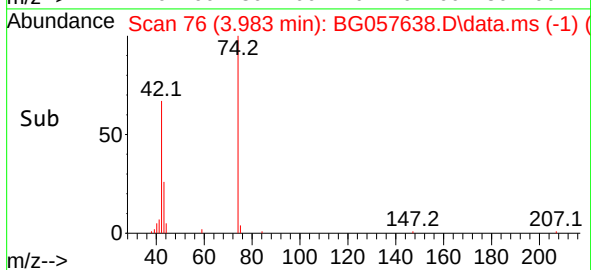
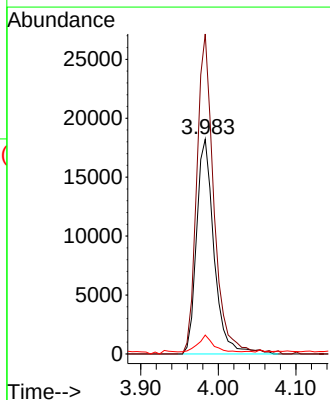
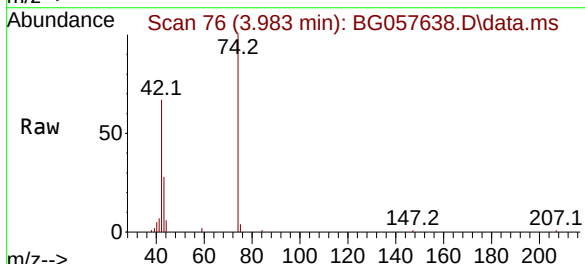
Ion	Ratio	Lower	Upper
79	100		
52	61.2	48.4	72.6
51	32.3	24.4	36.6

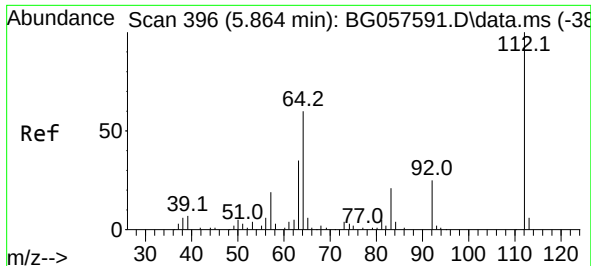


#4
 n-Nitrosodimethylamine
 Concen: 46.933 ng
 RT: 3.983 min Scan# 76
 Delta R.T. 0.002 min
 Lab File: BG057638.D
 Acq: 6 Jun 2023 15:23

Tgt Ion: 42 Resp: 28563

Ion	Ratio	Lower	Upper
42	100		
74	149.1	107.3	160.9
44	8.8	6.1	9.1

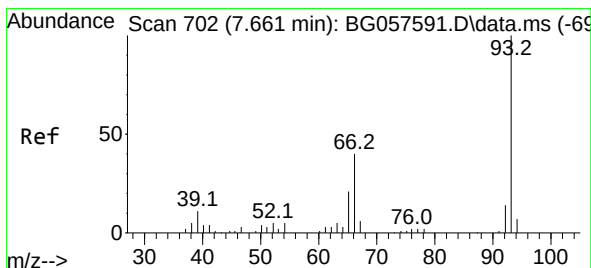
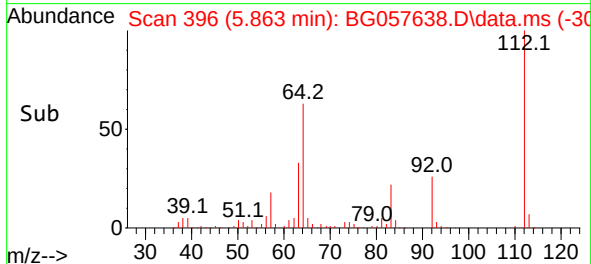
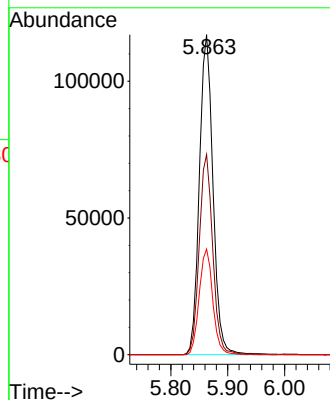
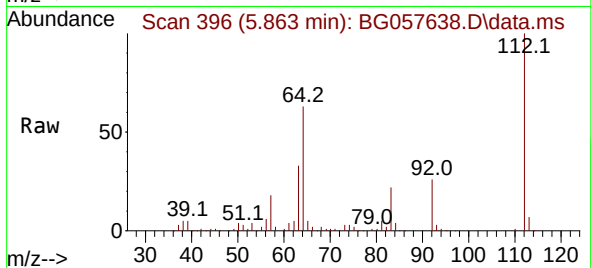




#5
2-Fluorophenol
Concen: 164.507 ng
RT: 5.863 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

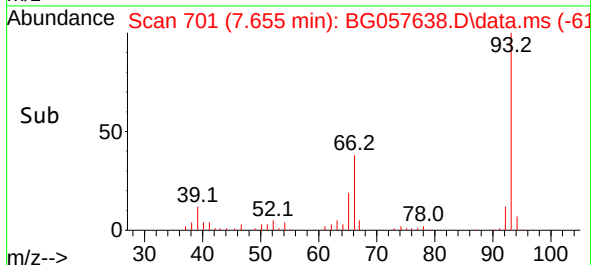
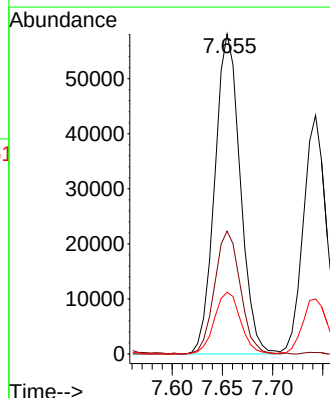
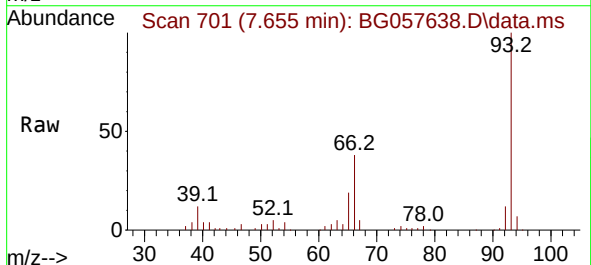
Instrument :
BNA_G
ClientSampleId :
PB153188BS

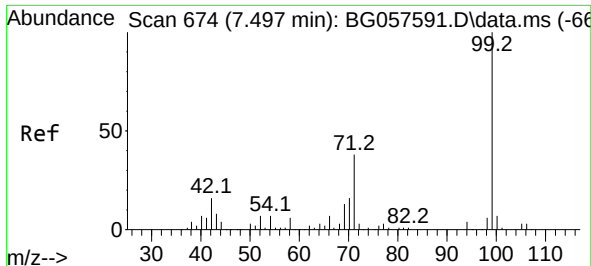
Tgt Ion:112 Resp: 195347
Ion Ratio Lower Upper
112 100
64 62.6 47.8 71.6
63 33.0 27.8 41.8



#6
Aniline
Concen: 45.718 ng
RT: 7.655 min Scan# 701
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion: 93 Resp: 102783
Ion Ratio Lower Upper
93 100
66 38.4 32.2 48.4
65 19.3 16.7 25.1

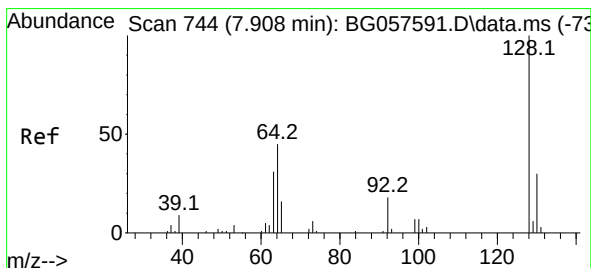
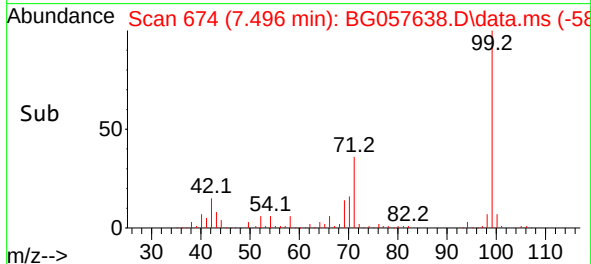
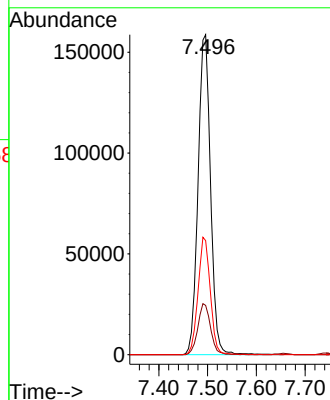
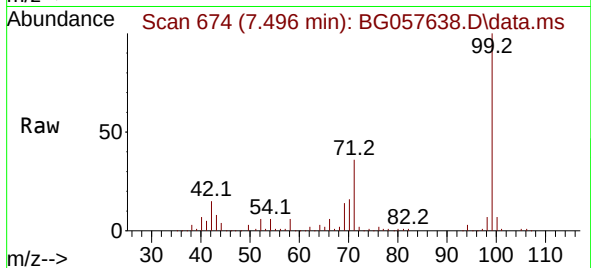




#7
Phenol-d6
Concen: 152.565 ng
RT: 7.496 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

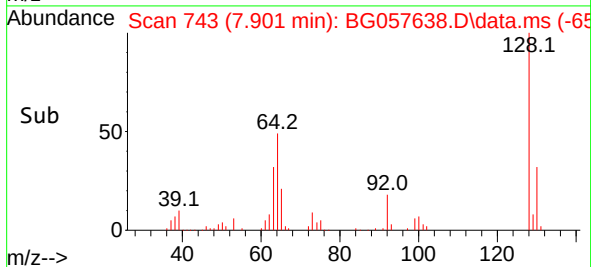
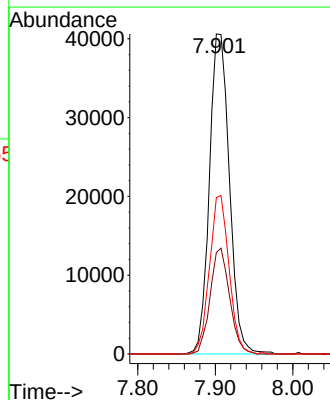
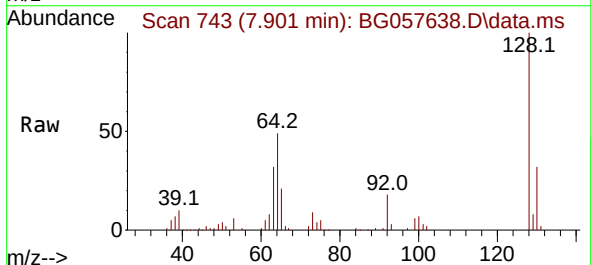
Instrument :
BNA_G
ClientSampleId :
PB153188BS

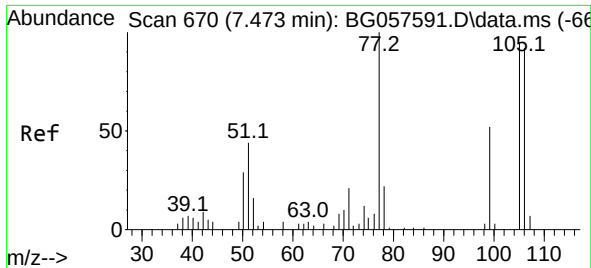
Tgt Ion: 99 Resp: 283523
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 35.7 30.3 45.5



#8
2-Chlorophenol
Concen: 57.159 ng
RT: 7.901 min Scan# 743
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:128 Resp: 72868
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 48.9 33.8 73.8

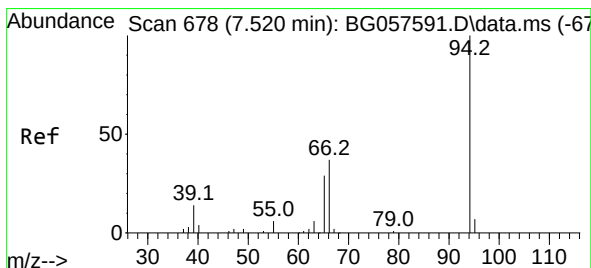
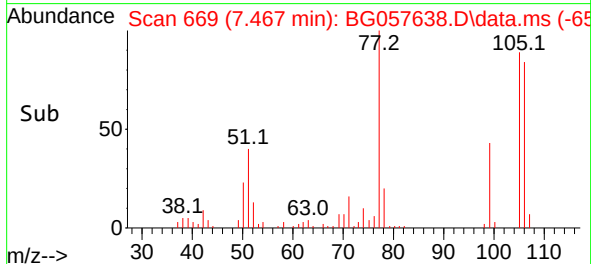
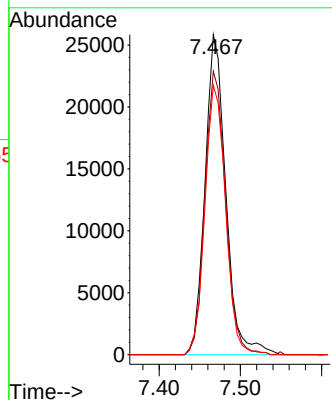
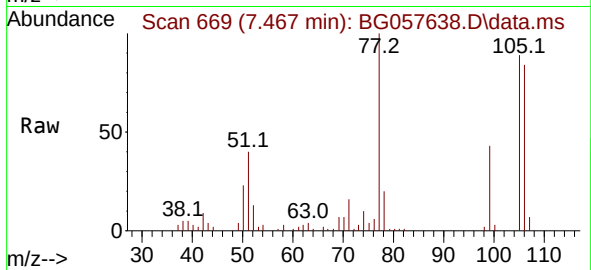




#9
Benzaldehyde
Concen: 37.207 ng
RT: 7.467 min Scan# 609
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

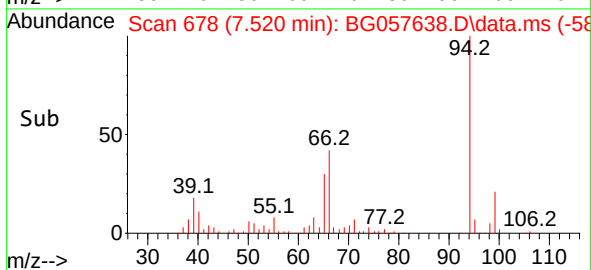
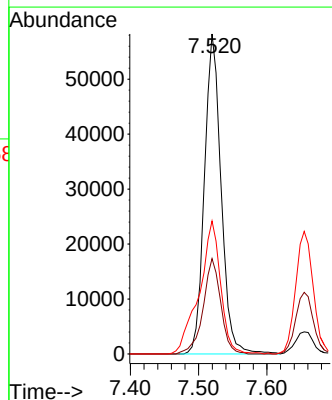
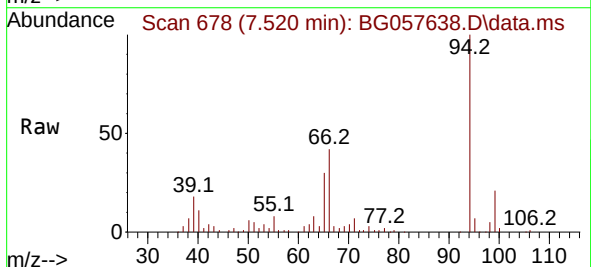
Instrument :
BNA_G
ClientSampleId :
PB153188BS

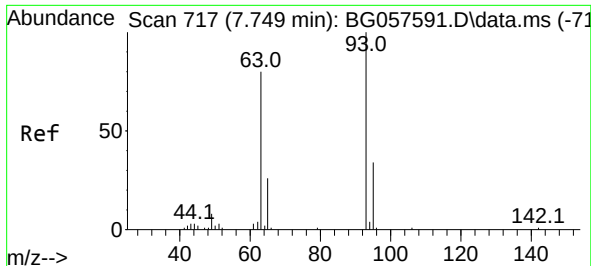
Tgt Ion: 77 Resp: 45811
Ion Ratio Lower Upper
77 100
105 88.5 75.0 115.0
106 84.2 72.5 112.5



#10
Phenol
Concen: 56.293 ng
RT: 7.520 min Scan# 678
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion: 94 Resp: 99015
Ion Ratio Lower Upper
94 100
65 29.8 9.6 49.6
66 41.5 22.0 62.0

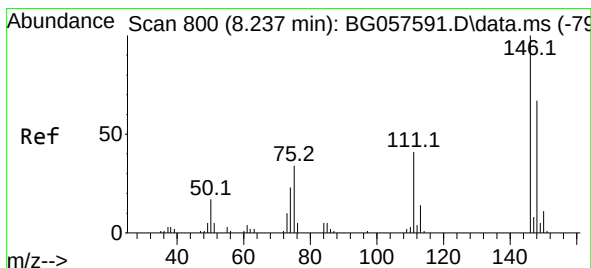
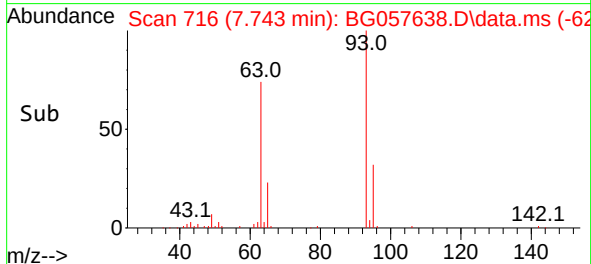
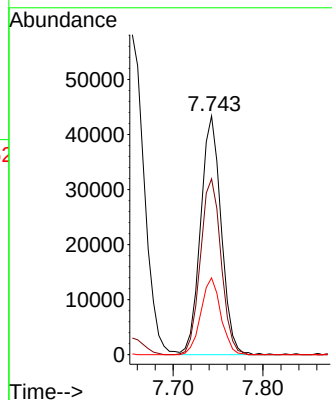
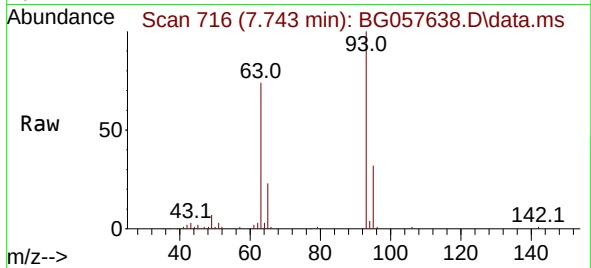




#11
bis(2-Chloroethyl)ether
Concen: 52.366 ng
RT: 7.743 min Scan# 717
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

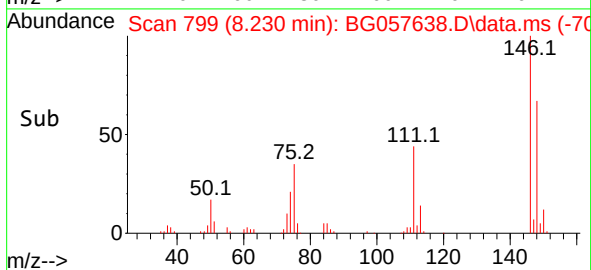
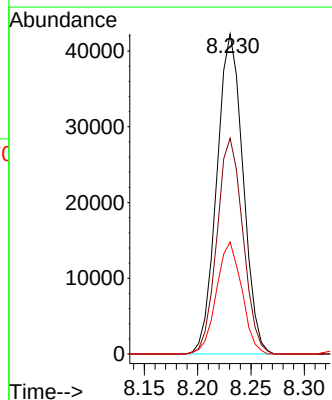
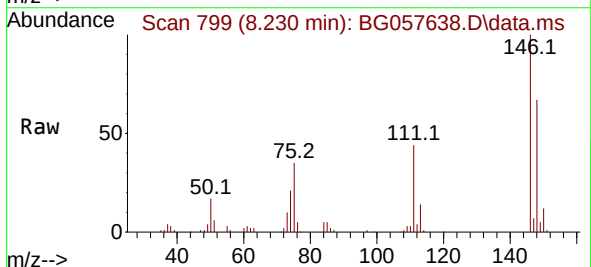
Instrument :
BNA_G
ClientSampleId :
PB153188BS

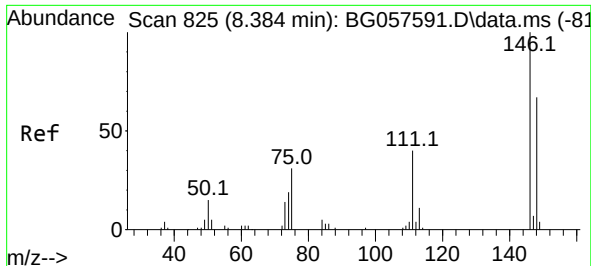
Tgt Ion: 93 Resp: 68776
Ion Ratio Lower Upper
93 100
63 73.7 59.3 99.3
95 32.2 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 53.212 ng
RT: 8.230 min Scan# 799
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:146 Resp: 72271
Ion Ratio Lower Upper
146 100
148 67.4 53.4 80.0
75 35.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 54.454 ng

RT: 8.377 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

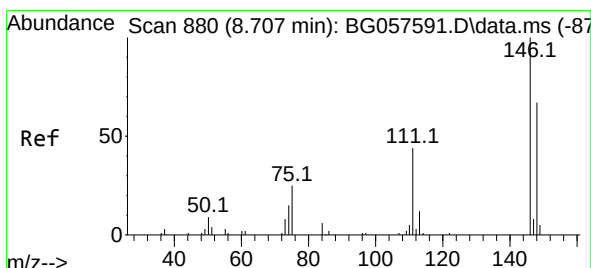
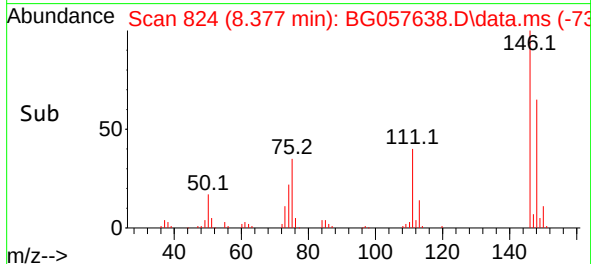
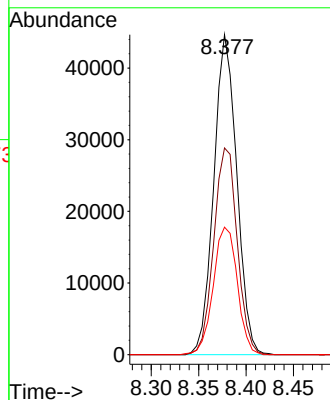
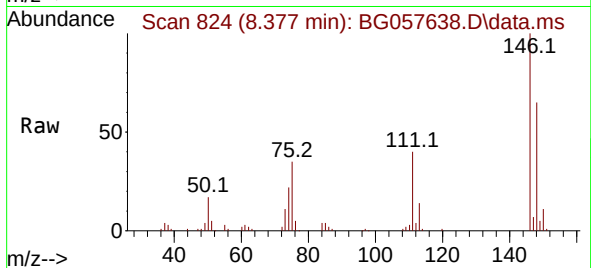
Tgt Ion:146 Resp: 75242

Ion Ratio Lower Upper

146 100

148 64.6 53.8 80.6

111 39.8 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 54.283 ng

RT: 8.700 min Scan# 879

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

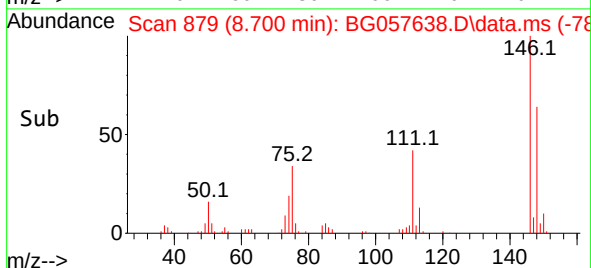
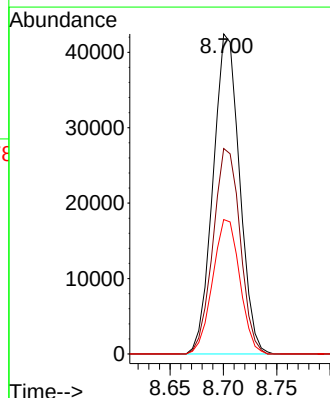
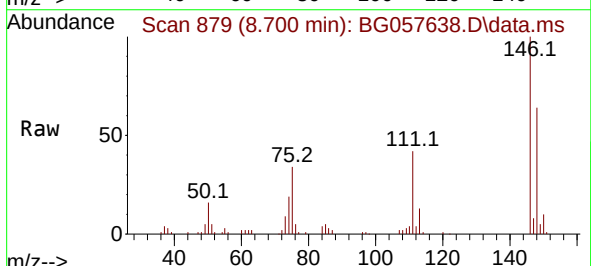
Tgt Ion:146 Resp: 73160

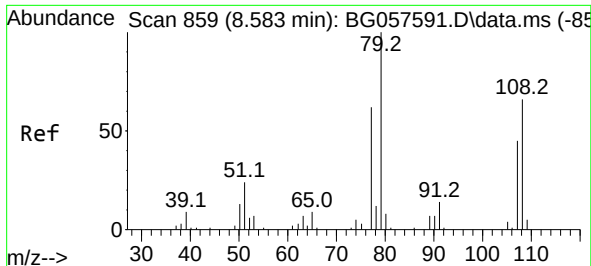
Ion Ratio Lower Upper

146 100

148 64.2 53.5 80.3

111 42.0 36.6 54.8

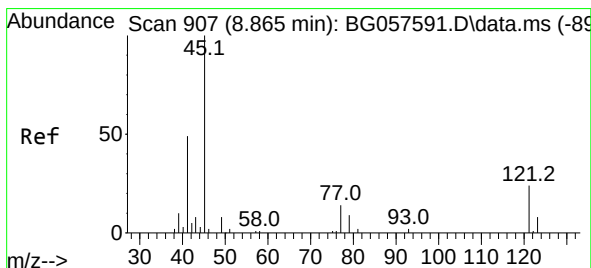
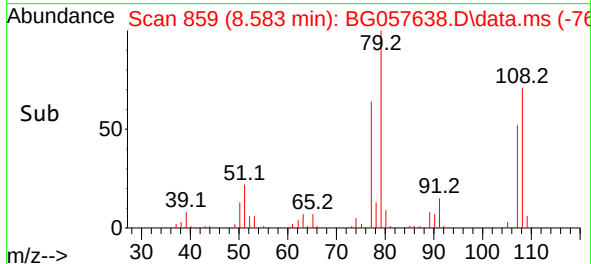
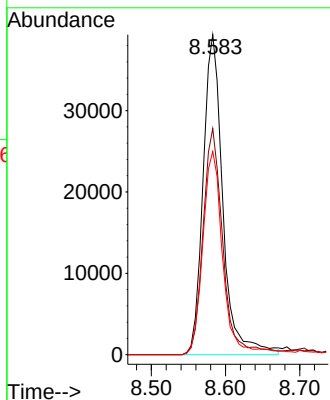
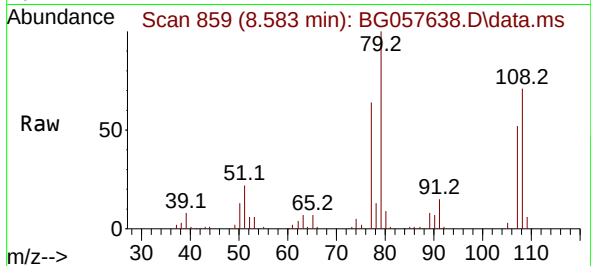




#15
Benzyl Alcohol
Concen: 50.846 ng
RT: 8.583 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

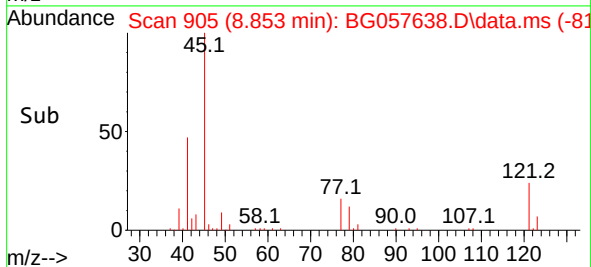
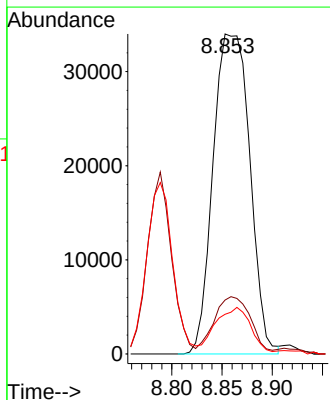
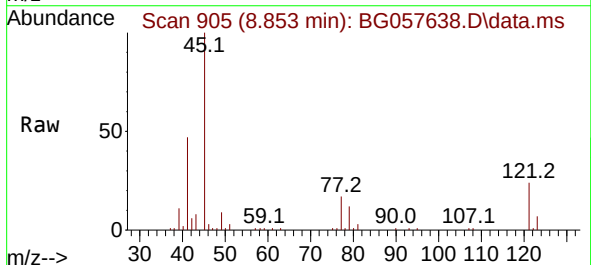
Instrument :
BNA_G
ClientSampleId :
PB153188BS

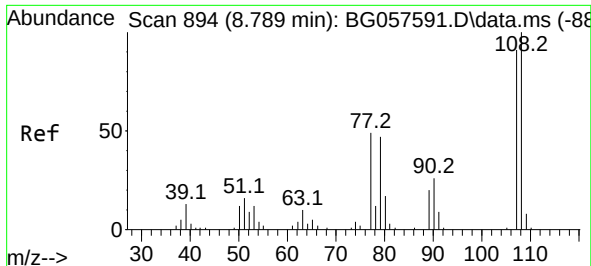
Tgt Ion: 79	Resp: 72687
Ion Ratio	Lower Upper
79 100	
108 70.6	52.6 78.8
77 63.5	49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.049 ng
RT: 8.853 min Scan# 905
Delta R.T. -0.004 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion: 45	Resp: 86514		
Ion Ratio	Lower	Upper	
45 100			
77 16.9	0.0	39.2	
79 12.4	0.0	34.2	

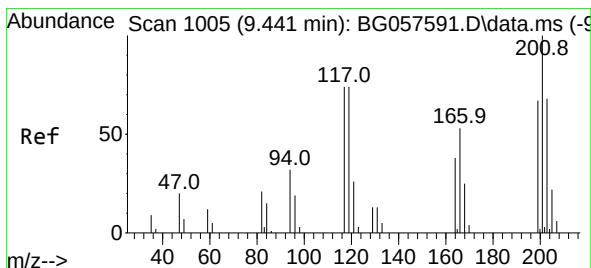
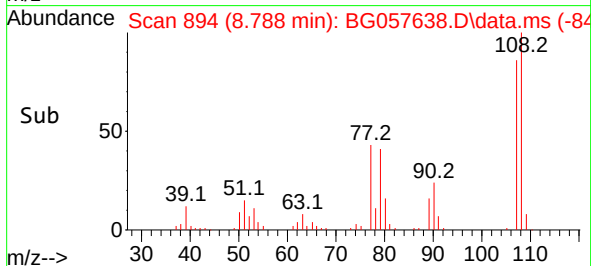
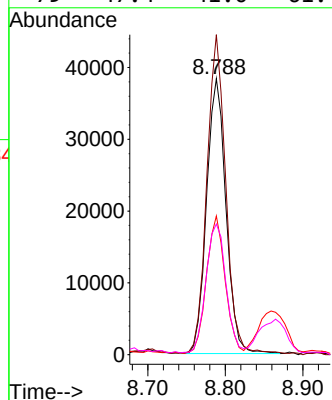
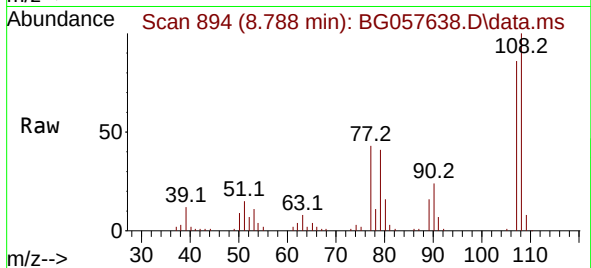




#17
2-Methylphenol
Concen: 51.568 ng
RT: 8.788 min Scan# 894
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

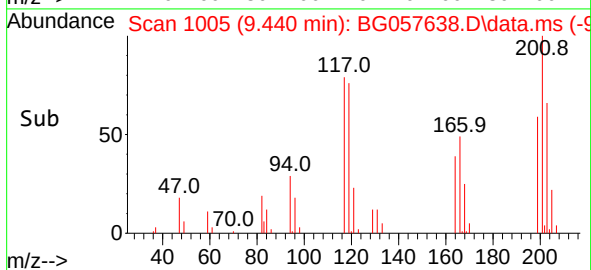
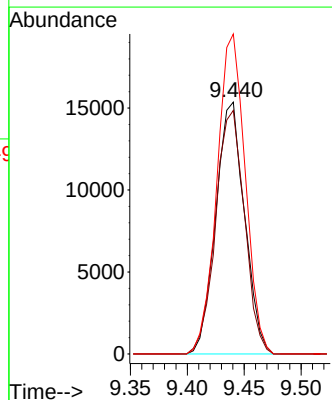
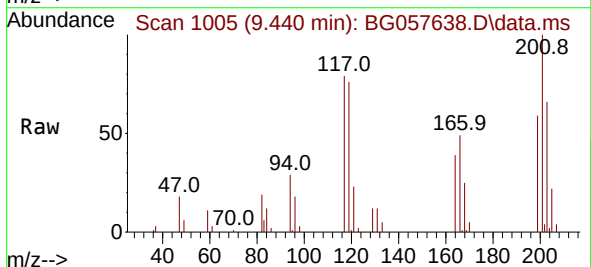
Instrument :
BNA_G
ClientSampleId :
PB153188BS

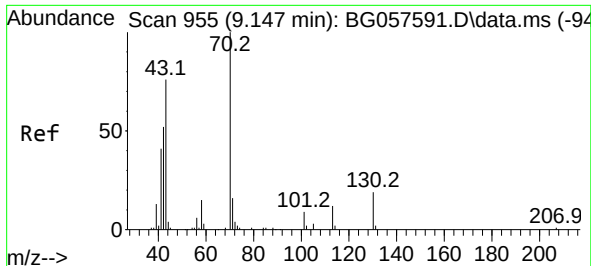
Tgt Ion:	107	Resp:	66609
Ion	Ratio	Lower	Upper
107	100		
108	115.9	87.7	131.5
77	50.3	43.0	64.6
79	47.4	41.0	61.4



#18
Hexachloroethane
Concen: 57.120 ng
RT: 9.440 min Scan# 1005
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:	117	Resp:	27025
Ion	Ratio	Lower	Upper
117	100		
119	96.7	80.6	121.0
201	127.1	108.8	163.2

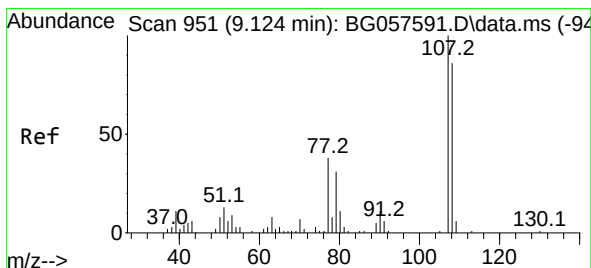
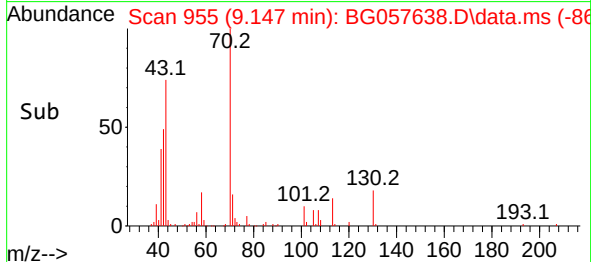
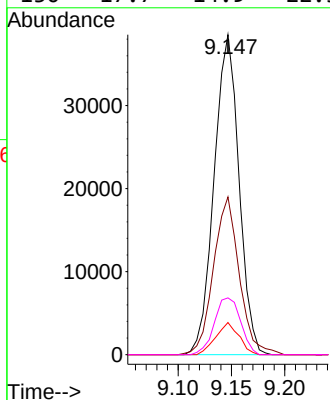
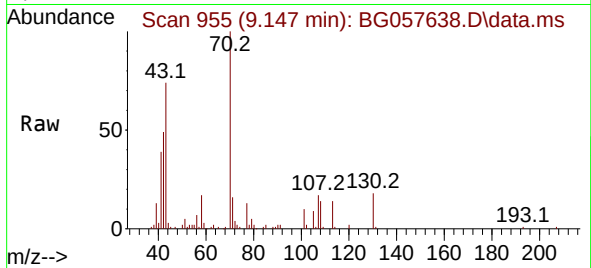




#19
n-Nitroso-di-n-propylamine
Concen: 48.360 ng
RT: 9.147 min Scan# 91
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

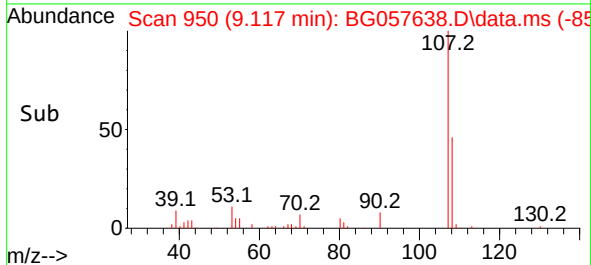
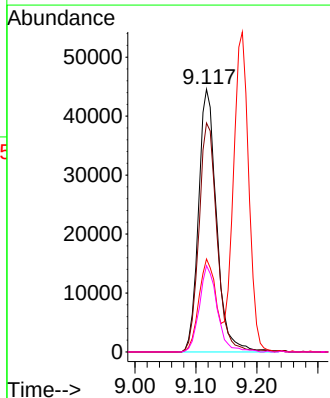
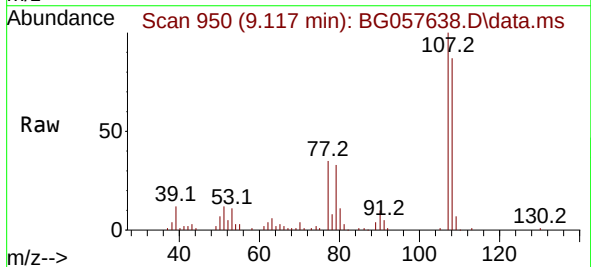
Instrument :
BNA_G
ClientSampleId :
PB153188BS

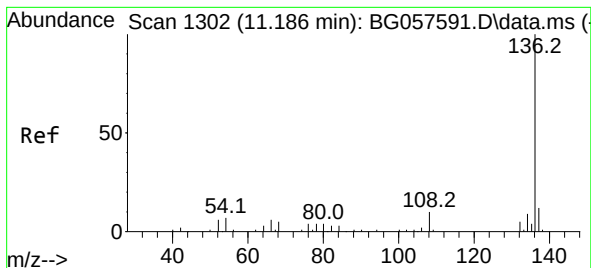
Tgt Ion:	70	Resp:	62437
Ion	Ratio	Lower	Upper
70	100		
42	49.3	41.4	62.0
101	10.1	6.9	10.3
130	17.7	14.9	22.3



#20
3+4-Methylphenols
Concen: 50.557 ng
RT: 9.117 min Scan# 950
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:	107	Resp:	91673
Ion	Ratio	Lower	Upper
107	100		
108	87.1	65.6	105.6
77	35.4	18.0	58.0
79	32.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.179 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

Tgt Ion:136 Resp: 88706

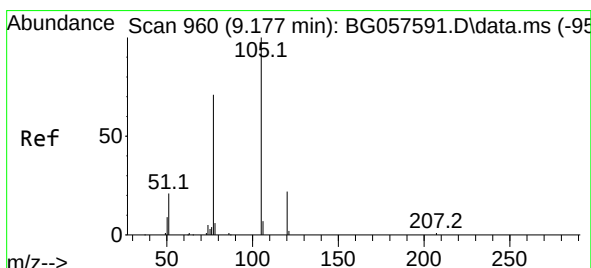
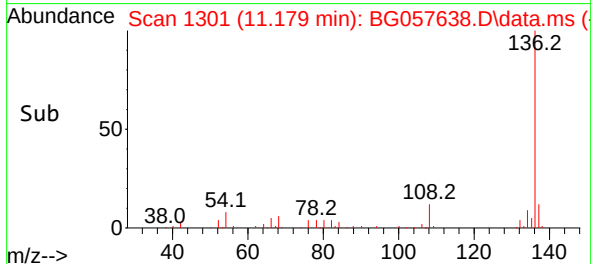
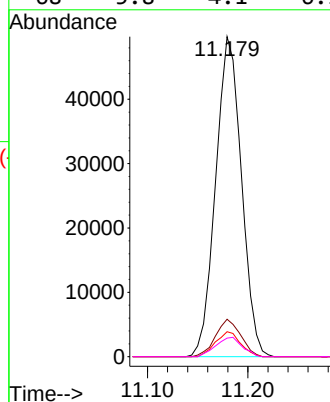
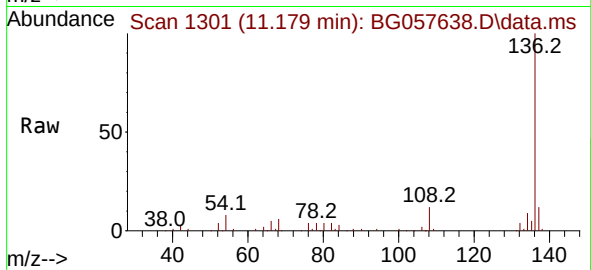
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 7.8 5.8 8.6

68 5.8 4.1 6.1



#22

Acetophenone

Concen: 48.881 ng

RT: 9.176 min Scan# 960

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Tgt Ion:105 Resp: 115945

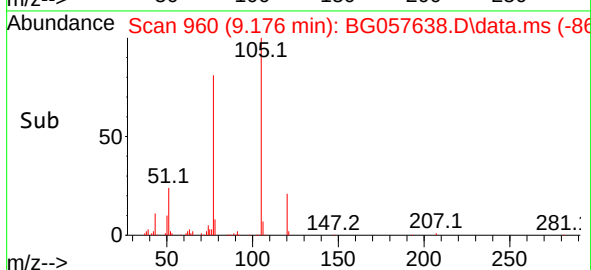
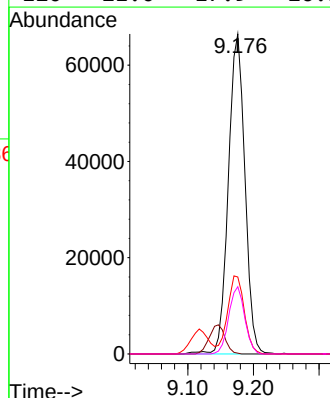
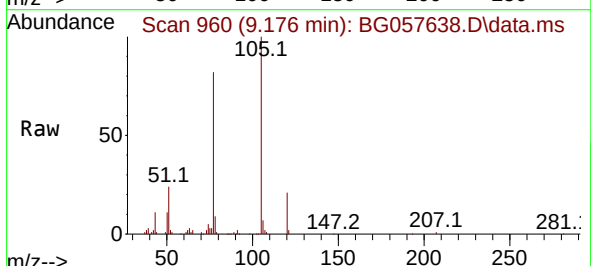
Ion Ratio Lower Upper

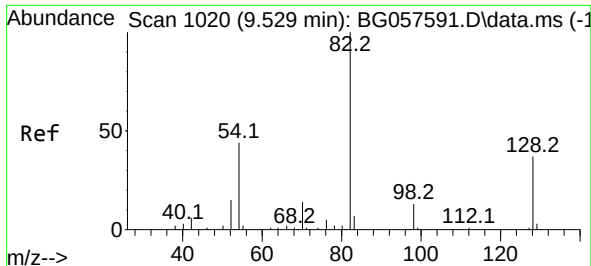
105 100

71 0.2 0.0 0.0#

51 24.0 20.7 31.1

120 21.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 93.515 ng

RT: 9.523 min Scan# 1019

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

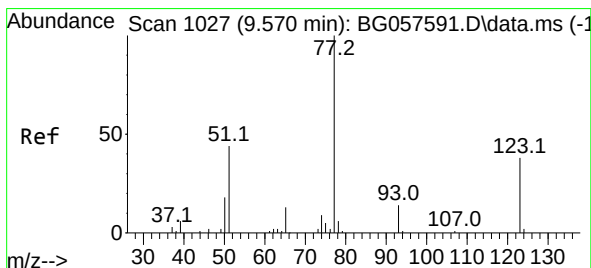
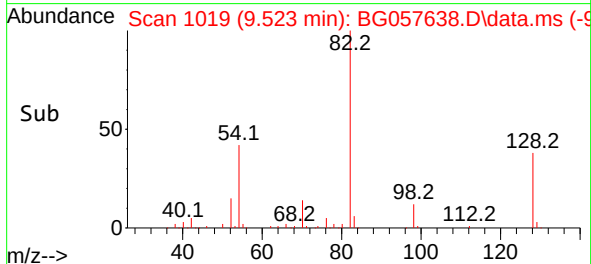
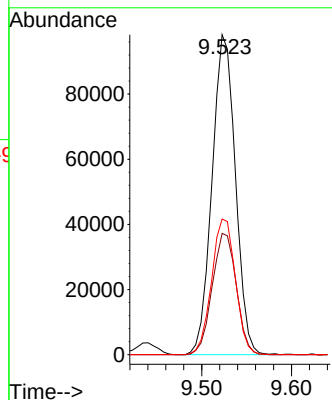
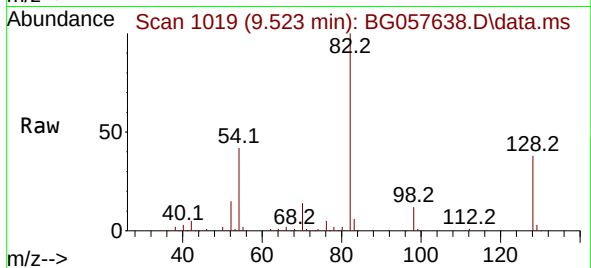
Tgt Ion: 82 Resp: 177456

Ion Ratio Lower Upper

82 100

128 37.9 30.0 45.0

54 42.4 35.2 52.8



#24

Nitrobenzene

Concen: 46.948 ng

RT: 9.570 min Scan# 1027

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

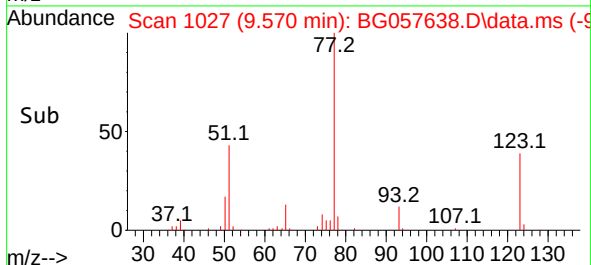
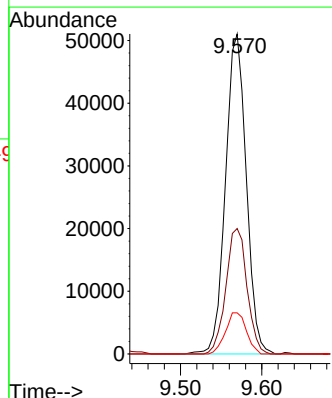
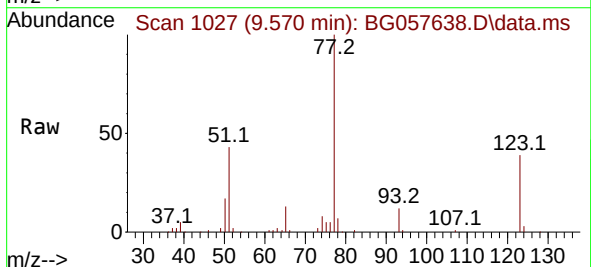
Tgt Ion: 77 Resp: 90433

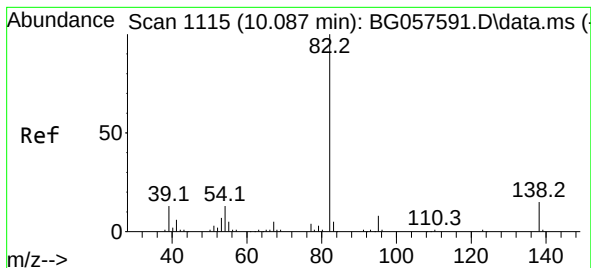
Ion Ratio Lower Upper

77 100

123 39.2 30.6 46.0

65 12.8 10.2 15.4





#25

Isophorone

Concen: 46.138 ng

RT: 10.087 min Scan# 1115

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

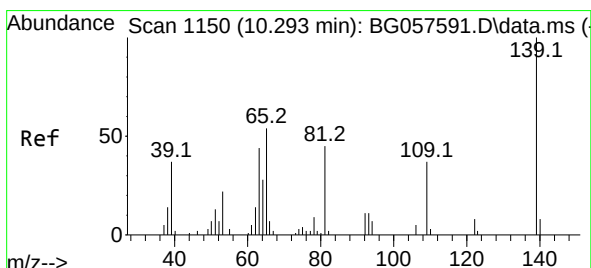
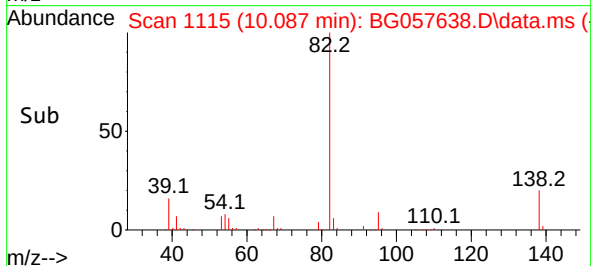
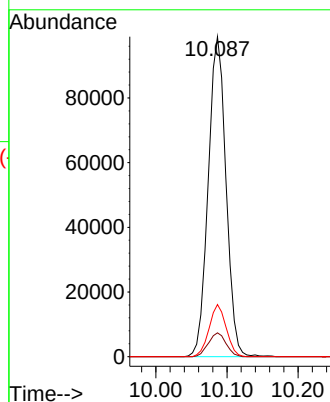
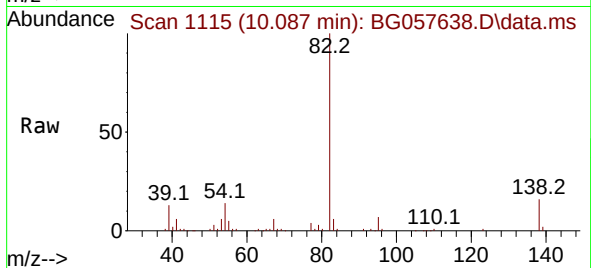
Tgt Ion: 82 Resp: 172086

Ion Ratio Lower Upper

82 100

95 7.4 6.3 9.5

138 16.3 12.0 18.0



#26

2-Nitrophenol

Concen: 49.489 ng

RT: 10.286 min Scan# 1149

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

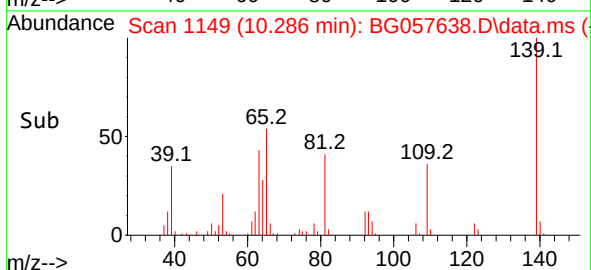
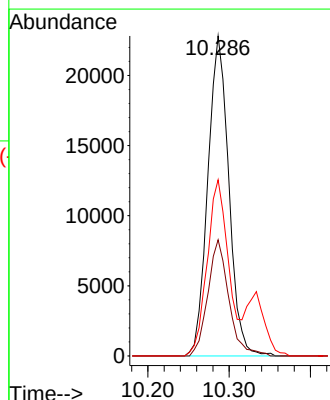
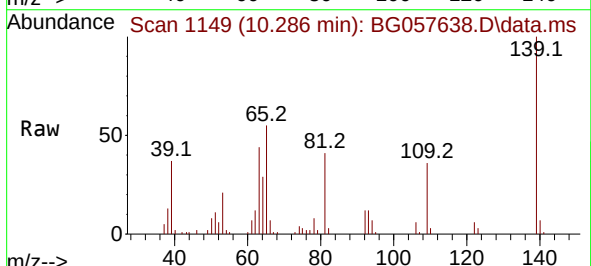
Tgt Ion:139 Resp: 40873

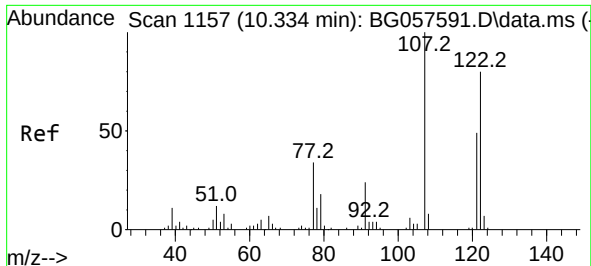
Ion Ratio Lower Upper

139 100

109 36.3 29.5 44.3

65 55.0 43.0 64.6

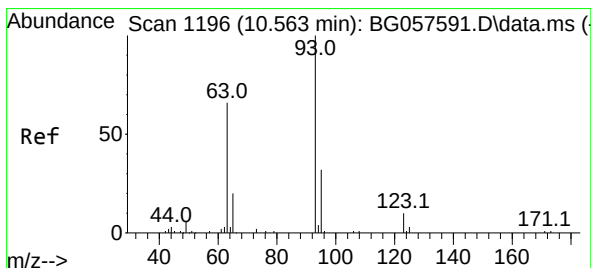
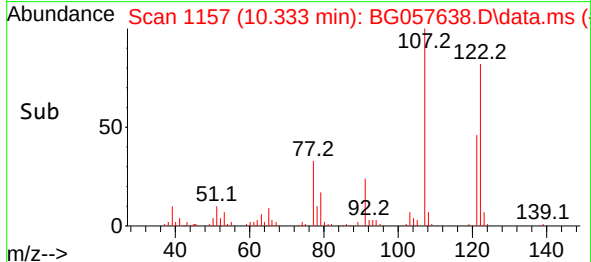
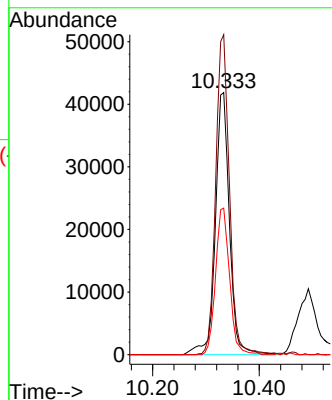
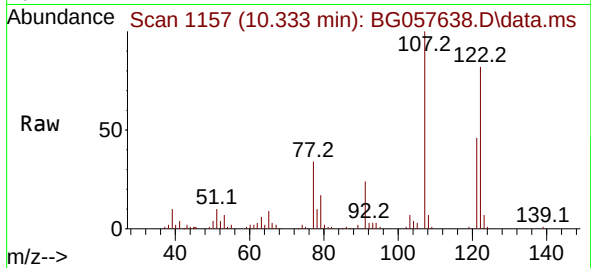




#27
2,4-Dimethylphenol
Concen: 53.601 ng
RT: 10.333 min Scan# 1157
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

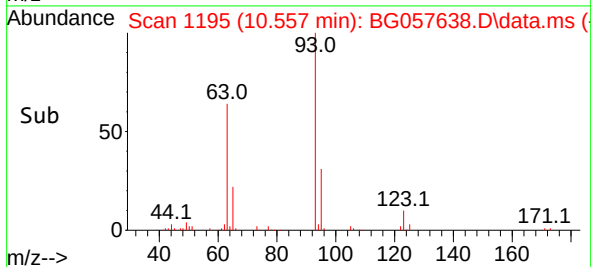
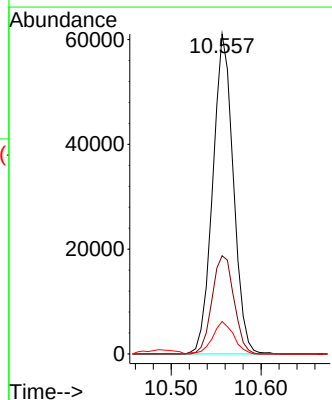
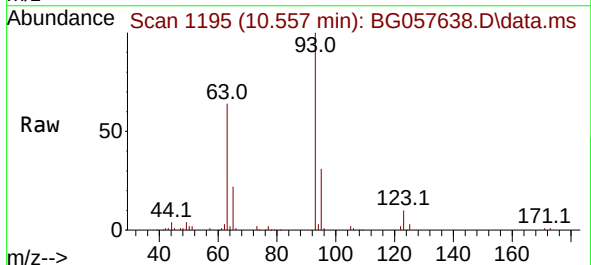
Instrument :
BNA_G
ClientSampleId :
PB153188BS

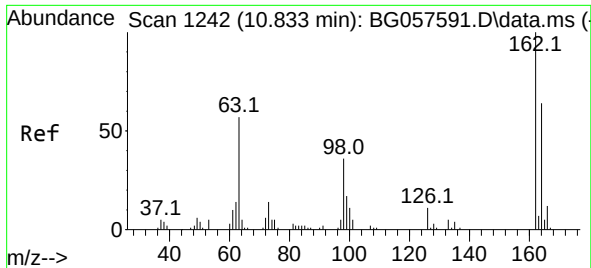
Tgt Ion:122 Resp: 76537
Ion Ratio Lower Upper
122 100
107 122.1 99.4 149.2
121 55.9 48.4 72.6



#28
bis(2-Chloroethoxy)methane
Concen: 50.127 ng
RT: 10.557 min Scan# 1195
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion: 93 Resp: 96949
Ion Ratio Lower Upper
93 100
95 30.7 25.3 37.9
123 10.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 52.051 ng

RT: 10.833 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

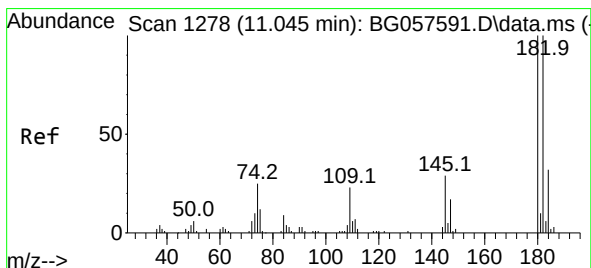
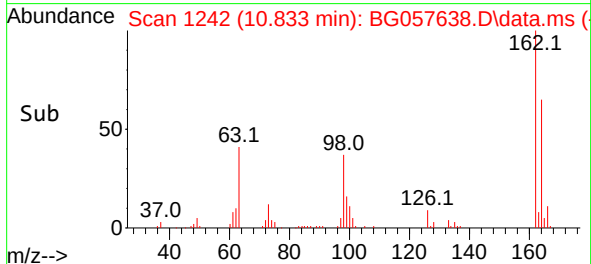
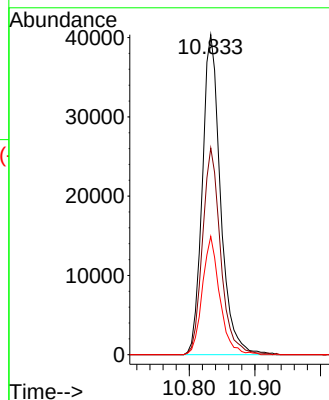
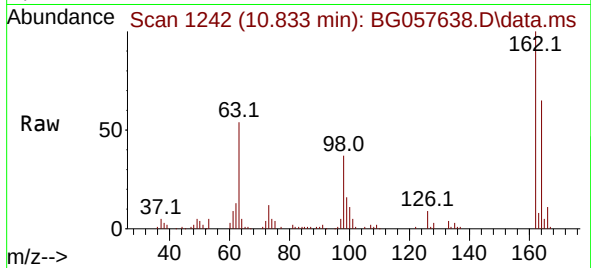
Tgt Ion:162 Resp: 78061

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

98 36.9 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 50.283 ng

RT: 11.038 min Scan# 1277

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

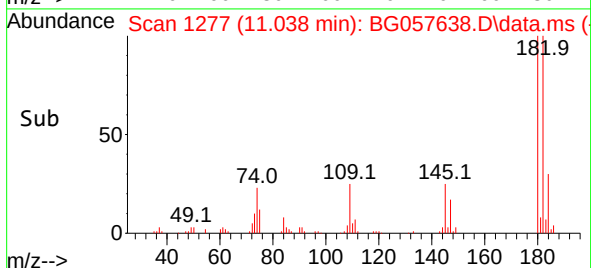
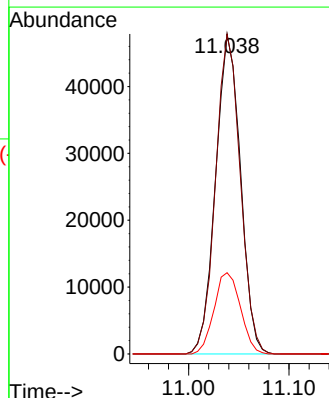
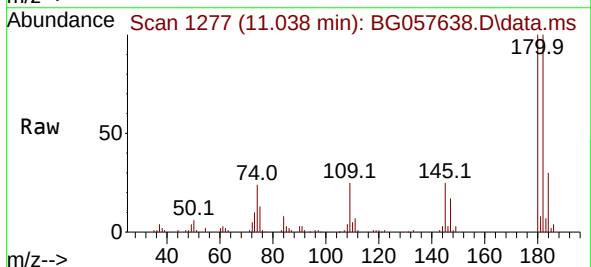
Tgt Ion:180 Resp: 82186

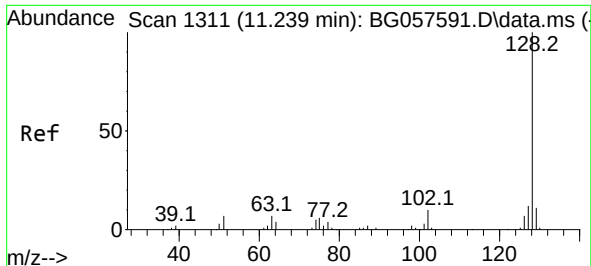
Ion Ratio Lower Upper

180 100

182 99.9 80.2 120.2

145 25.4 23.1 34.7

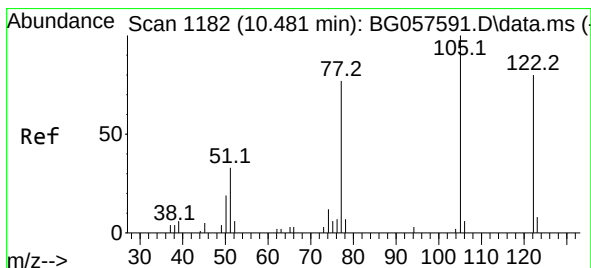
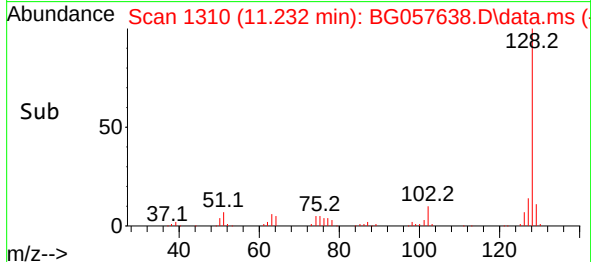
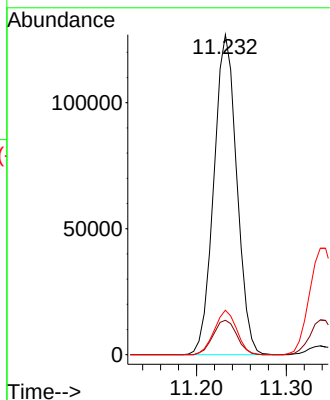
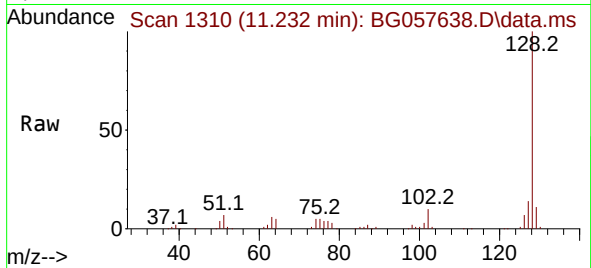




#31
Naphthalene
Concen: 47.925 ng
RT: 11.232 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

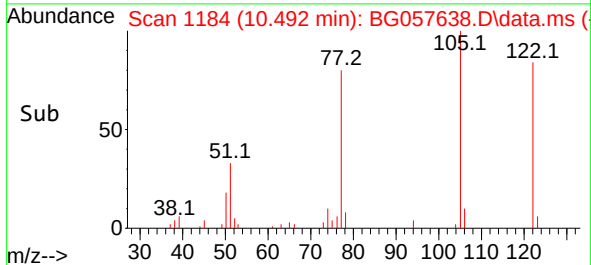
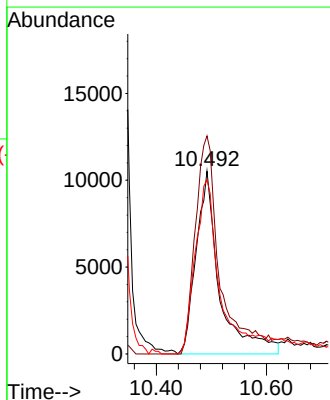
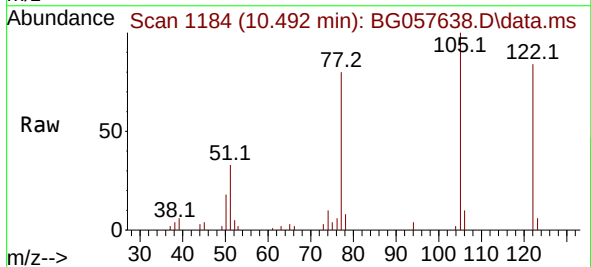
Instrument :
BNA_G
ClientSampleId :
PB153188BS

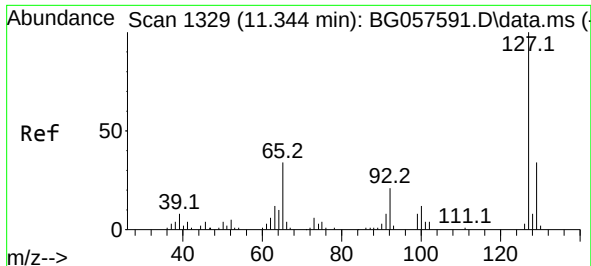
Tgt Ion:128 Resp: 224888
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.9 9.8 14.8



#32
Benzoic acid
Concen: 38.858 ng
RT: 10.492 min Scan# 1184
Delta R.T. 0.014 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:122 Resp: 31128
Ion Ratio Lower Upper
122 100
105 119.3 104.8 144.8
77 95.2 75.8 115.8

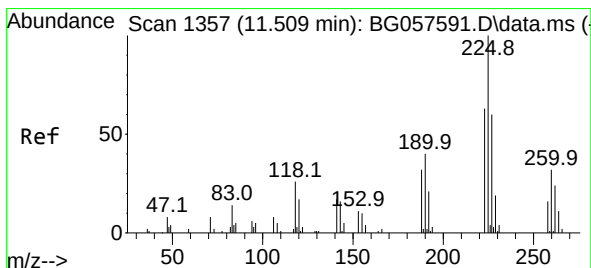
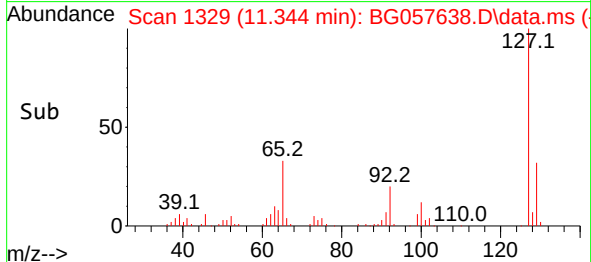
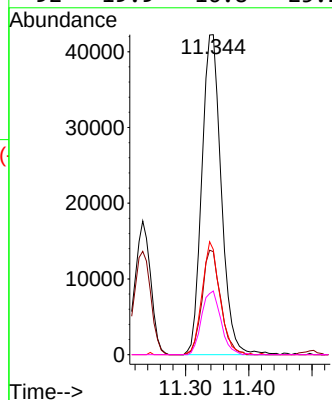
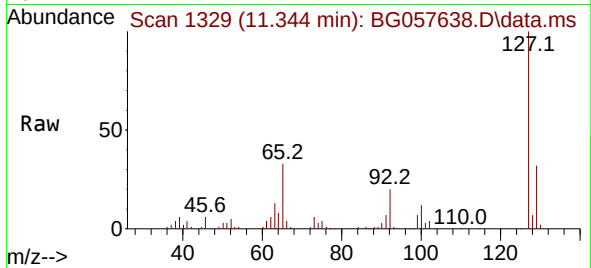




#33
4-Chloroaniline
Concen: 41.812 ng
RT: 11.344 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

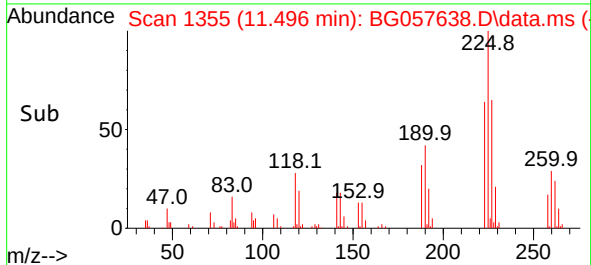
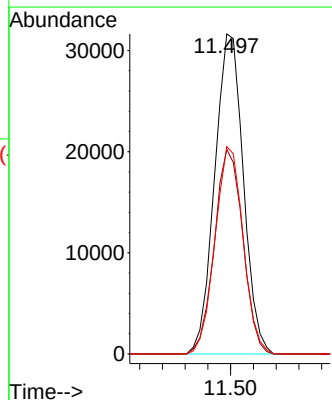
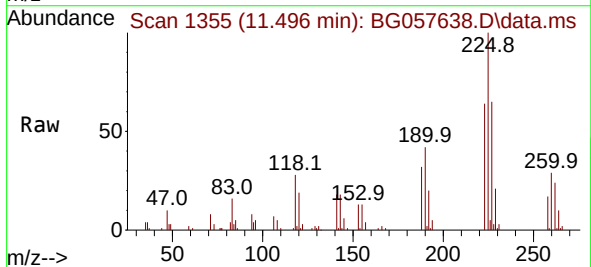
Instrument :
BNA_G
ClientSampleId :
PB153188BS

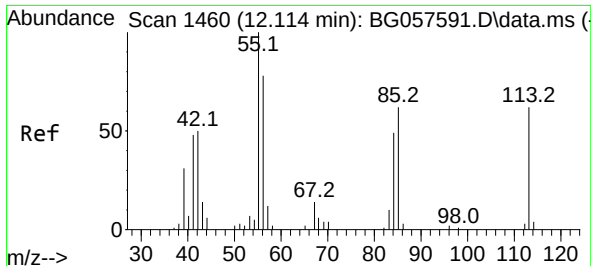
Tgt Ion:127	Resp:	90226	
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.9	40.3
65	32.8	27.3	40.9
92	19.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 48.943 ng
RT: 11.496 min Scan# 1355
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt	Ion:225	Resp:	55330
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.1	75.1
227	64.8	47.9	71.9

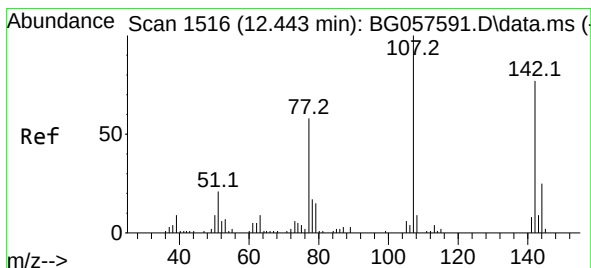
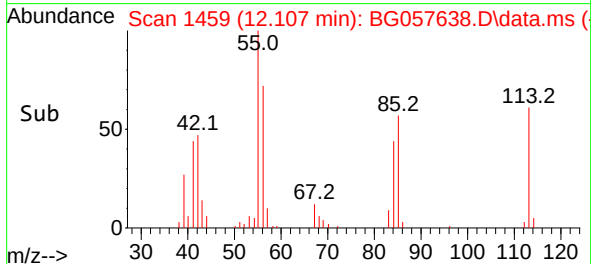
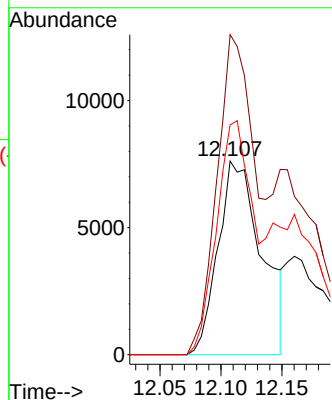
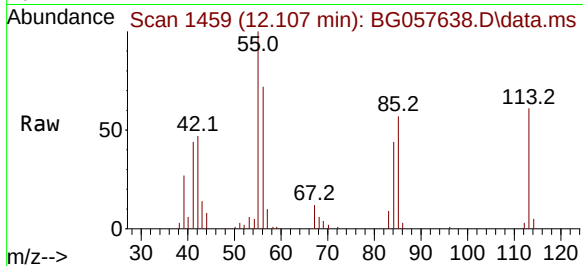




#35
 Caprolactam
 Concen: 30.471 ng
 RT: 12.107 min Scan# 1460
 Delta R.T. -0.004 min
 Lab File: BG057638.D
 Acq: 6 Jun 2023 15:23

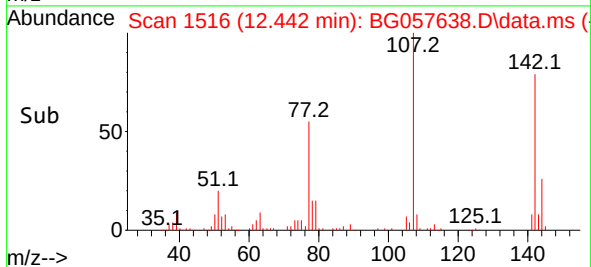
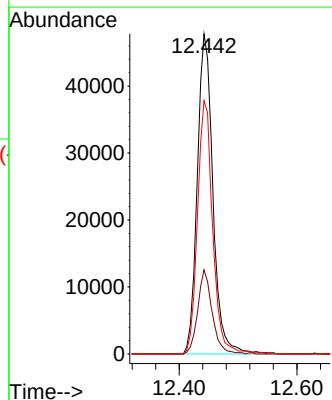
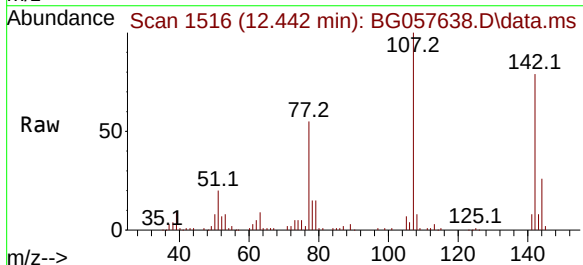
Instrument :
 BNA_G
 ClientSampleId :
 PB153188BS

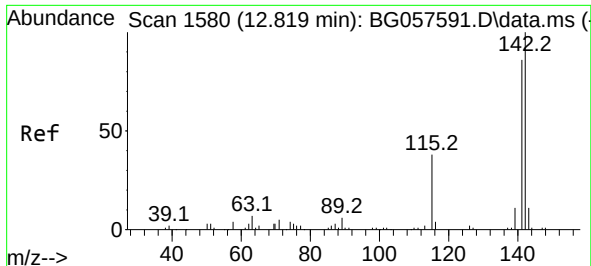
Tgt Ion:113 Resp: 18944
 Ion Ratio Lower Upper
 113 100
 55 165.2 140.9 180.9
 56 118.6 105.9 145.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.674 ng
 RT: 12.442 min Scan# 1516
 Delta R.T. 0.002 min
 Lab File: BG057638.D
 Acq: 6 Jun 2023 15:23

Tgt Ion:107 Resp: 88179
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.7 29.5
 142 79.2 61.6 92.4

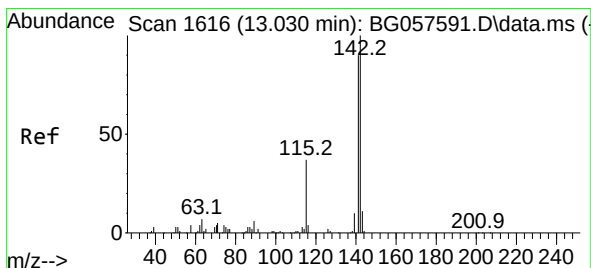
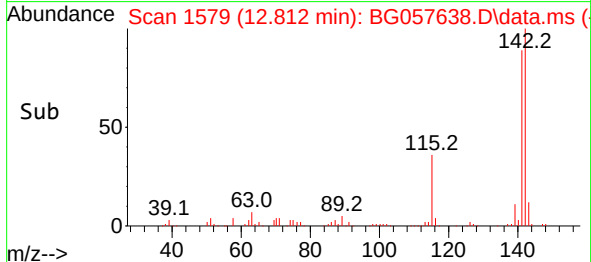
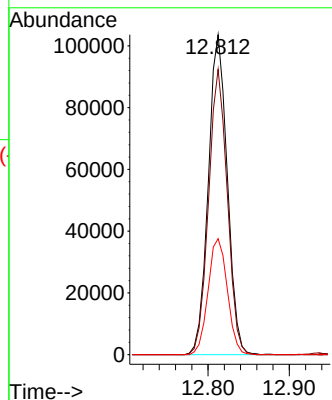
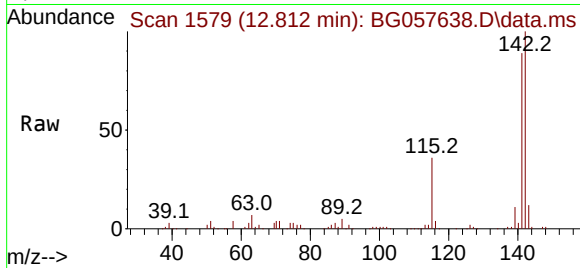




#37
2-Methylnaphthalene
Concen: 45.620 ng
RT: 12.812 min Scan# 1579
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

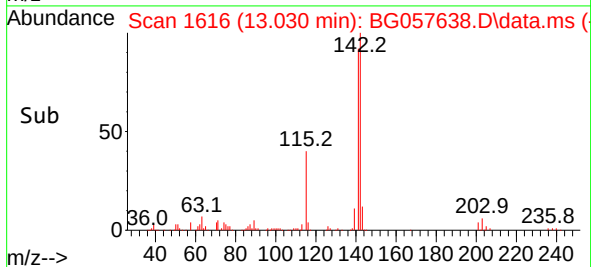
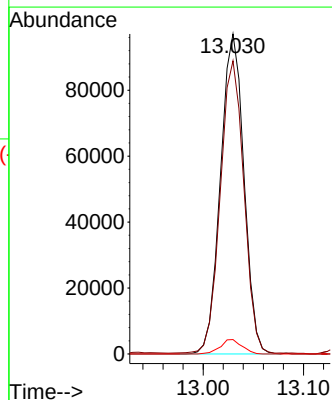
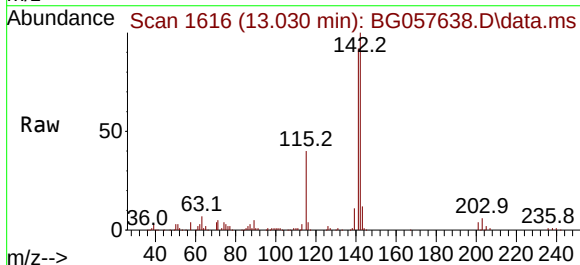
Instrument :
BNA_G
ClientSampleId :
PB153188BS

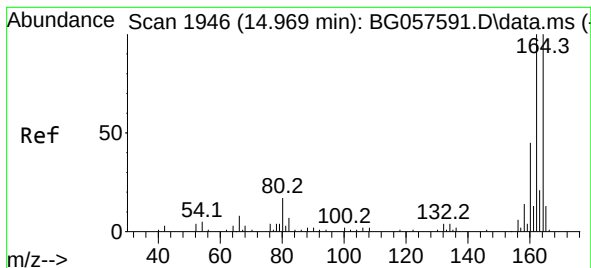
Tgt Ion:142 Resp: 168016
Ion Ratio Lower Upper
142 100
141 89.2 68.6 103.0
115 36.2 30.4 45.6



#38
1-Methylnaphthalene
Concen: 44.807 ng
RT: 13.030 min Scan# 1616
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:142 Resp: 157475
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1
116 4.5 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.962 min Scan# 1945

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

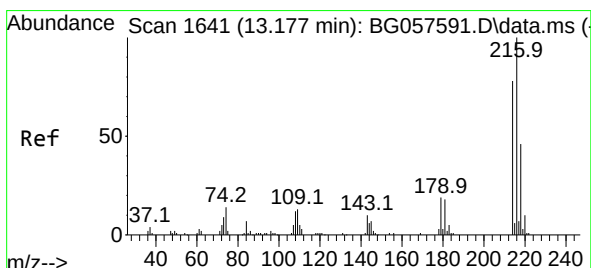
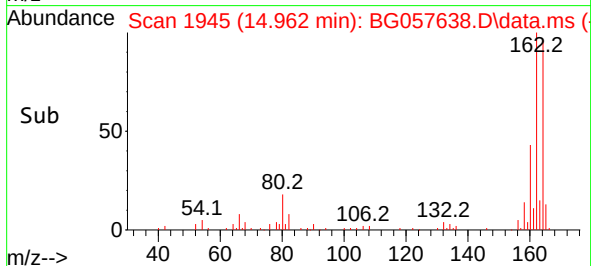
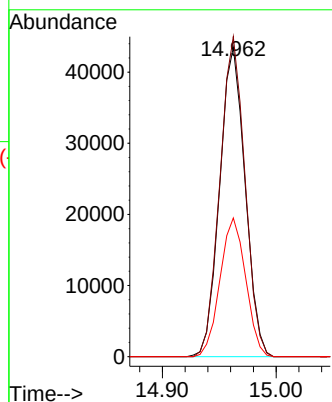
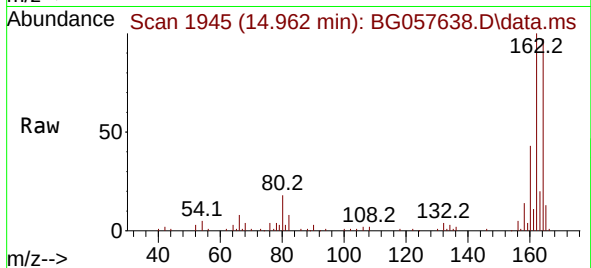
Tgt Ion:164 Resp: 67480

Ion Ratio Lower Upper

164 100

162 103.4 80.1 120.1

160 44.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.774 ng

RT: 13.177 min Scan# 1641

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Tgt Ion:216 Resp: 110244

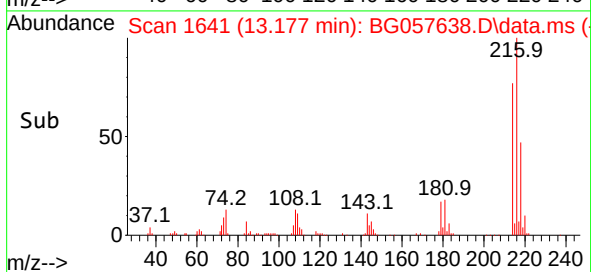
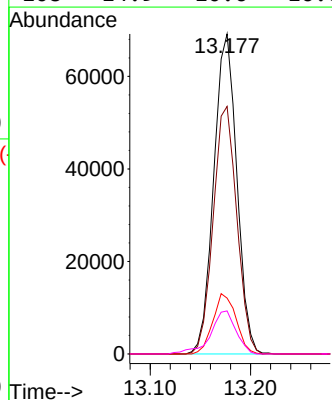
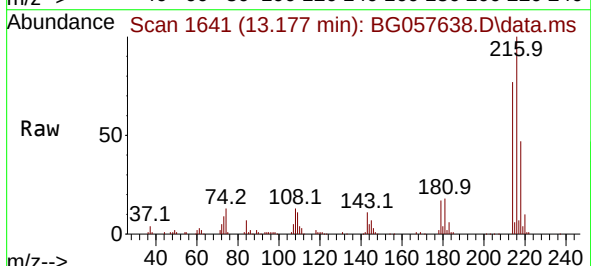
Ion Ratio Lower Upper

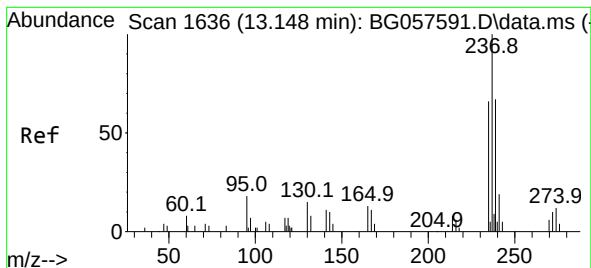
216 100

214 79.2 63.0 94.6

179 18.9 15.0 22.6

108 14.9 10.6 16.0





#41

Hexachlorocyclopentadiene

Concen: 95.316 ng

RT: 13.141 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

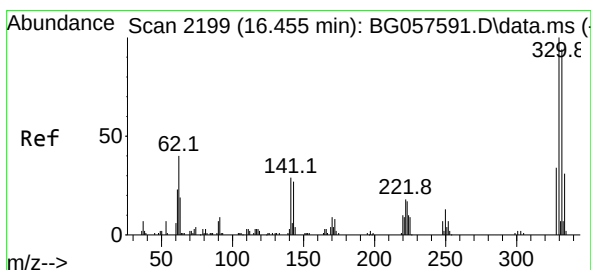
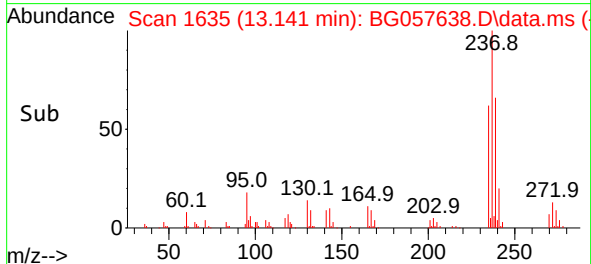
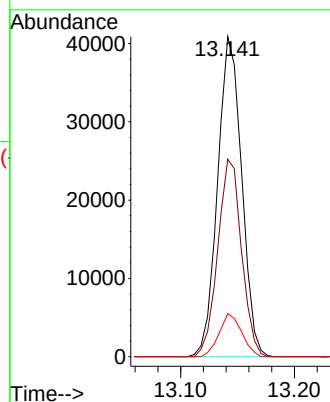
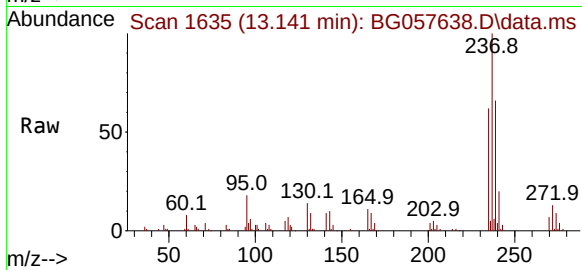
Tgt Ion:237 Resp: 60032

Ion Ratio Lower Upper

237 100

235 61.7 45.7 85.7

272 13.5 0.0 30.1



#42

2,4,6-Tribromophenol

Concen: 127.412 ng

RT: 16.449 min Scan# 2198

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

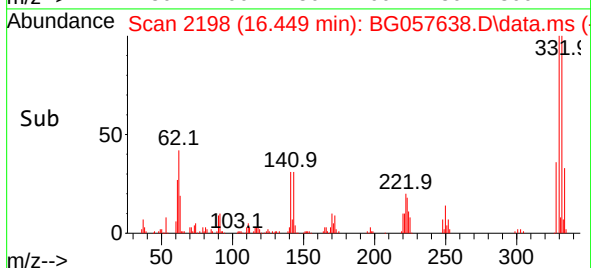
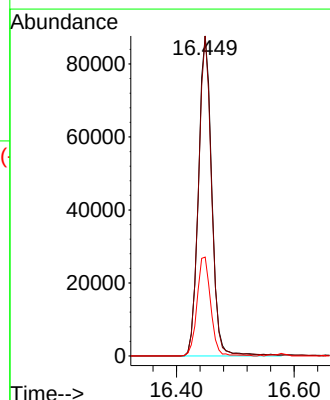
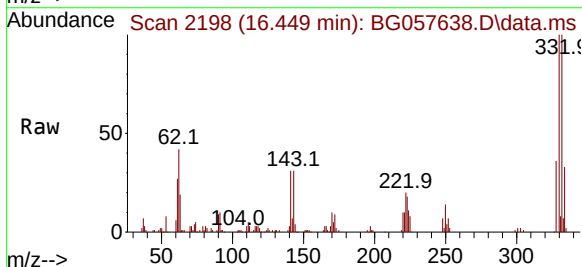
Tgt Ion:330 Resp: 137652

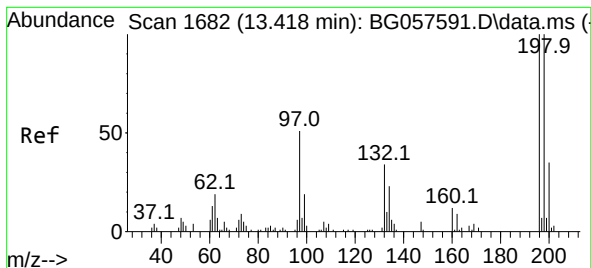
Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 31.6 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 49.584 ng

RT: 13.412 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

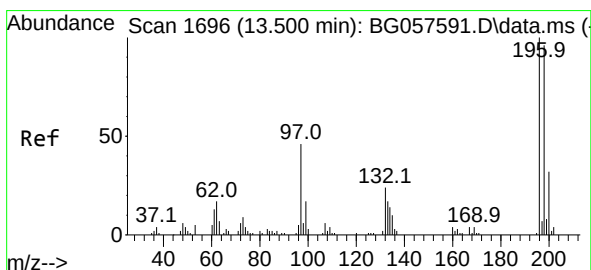
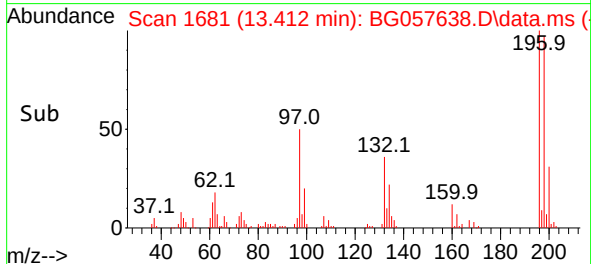
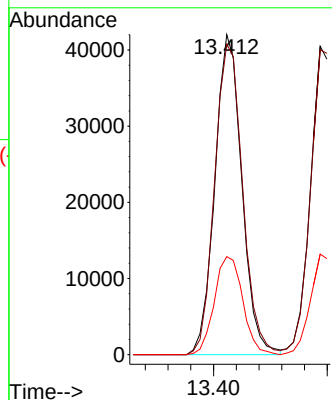
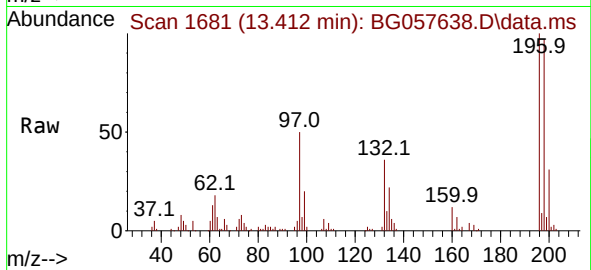
Tgt Ion:196 Resp: 69141

Ion Ratio Lower Upper

196 100

198 97.0 79.6 119.4

200 30.7 28.2 42.2



#44

2,4,5-Trichlorophenol

Concen: 44.396 ng

RT: 13.494 min Scan# 1695

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Tgt Ion:196 Resp: 73731

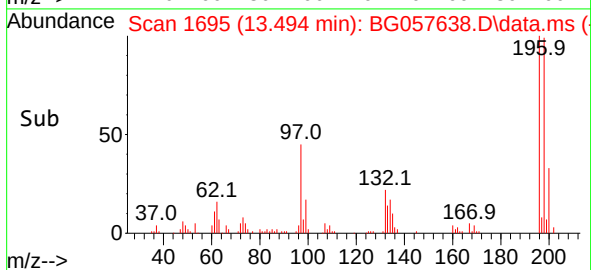
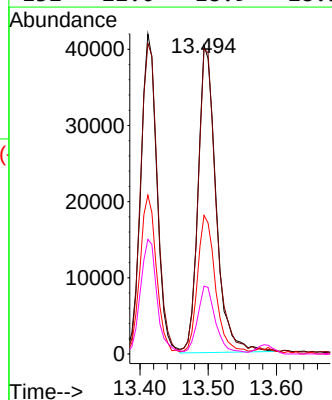
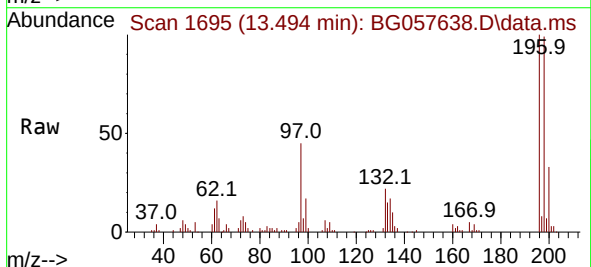
Ion Ratio Lower Upper

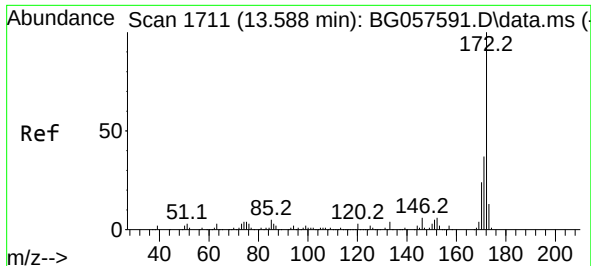
196 100

198 98.9 76.9 115.3

97 44.9 36.6 55.0

132 22.0 18.9 28.3





#45

2-Fluorobiphenyl

Concen: 93.619 ng

RT: 13.582 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

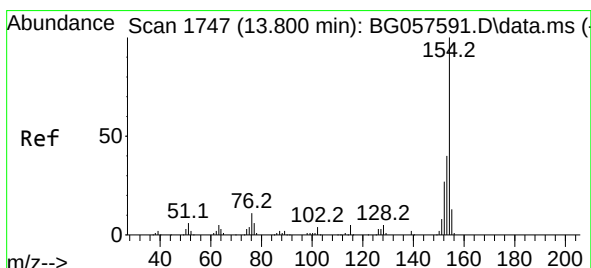
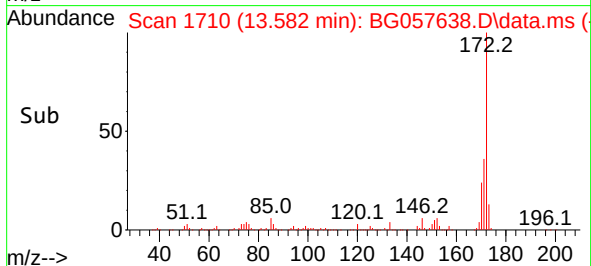
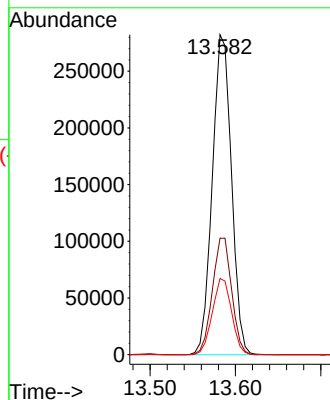
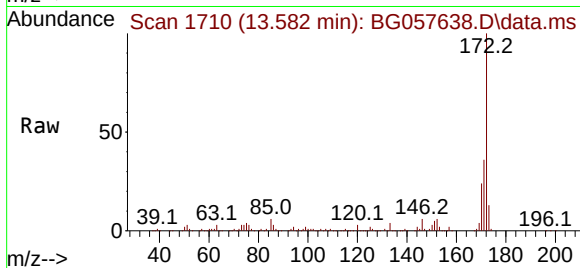
Tgt Ion:172 Resp: 439591

Ion Ratio Lower Upper

172 100

171 36.4 29.2 43.8

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.832 ng

RT: 13.799 min Scan# 1747

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

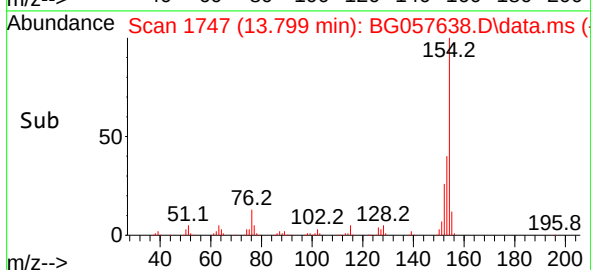
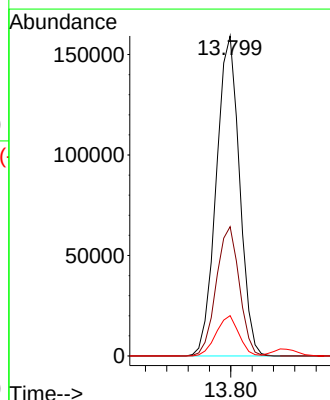
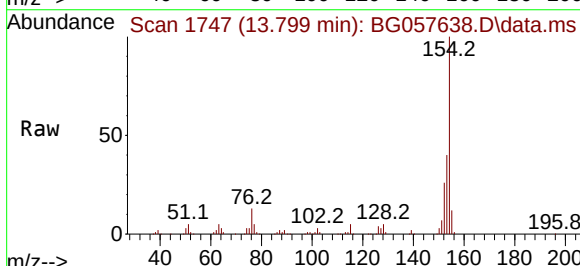
Tgt Ion:154 Resp: 240334

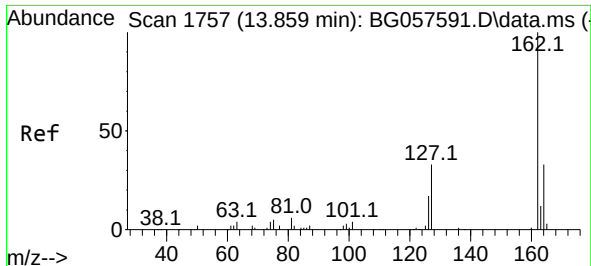
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 12.6 0.0 30.9

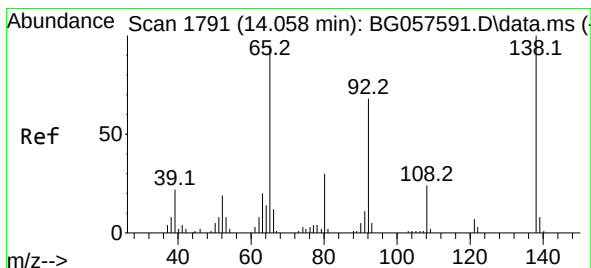
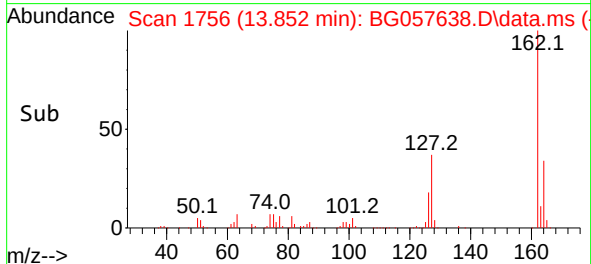
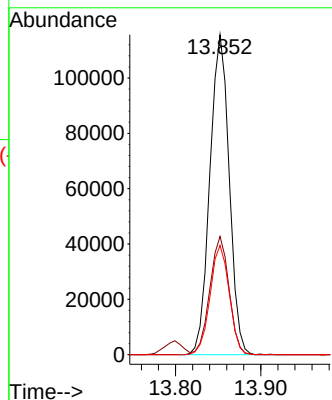
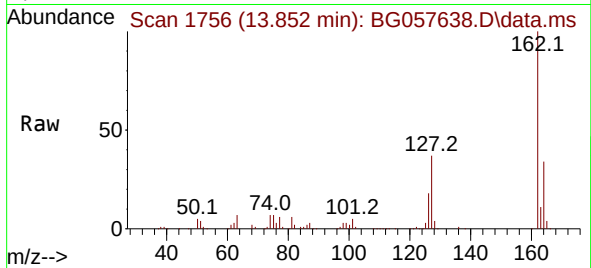




#47
2-Chloronaphthalene
Concen: 50.119 ng
RT: 13.852 min Scan# 1756
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

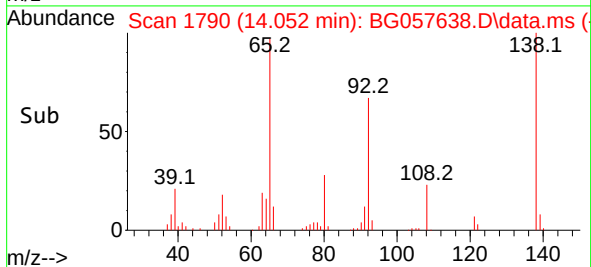
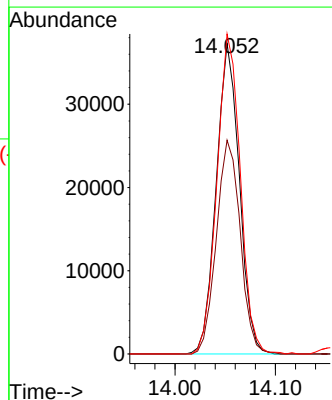
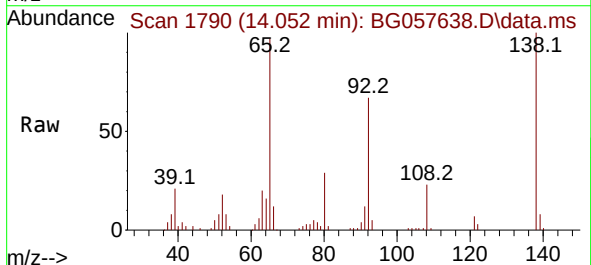
Instrument :
BNA_G
ClientSampleId :
PB153188BS

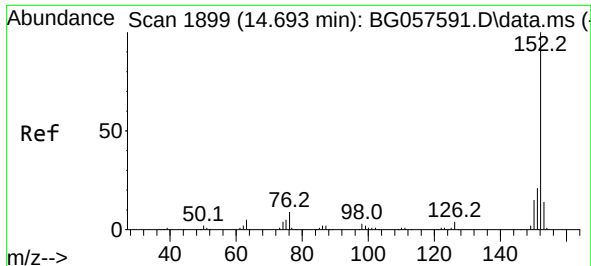
Tgt Ion:162 Resp: 182068
Ion Ratio Lower Upper
162 100
127 36.9 28.2 42.2
164 34.1 26.1 39.1



#48
2-Nitroaniline
Concen: 46.919 ng
RT: 14.052 min Scan# 1790
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion: 65 Resp: 59703
Ion Ratio Lower Upper
65 100
92 68.8 57.3 85.9
138 103.0 84.6 127.0

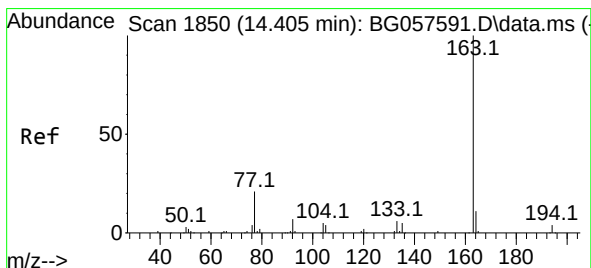
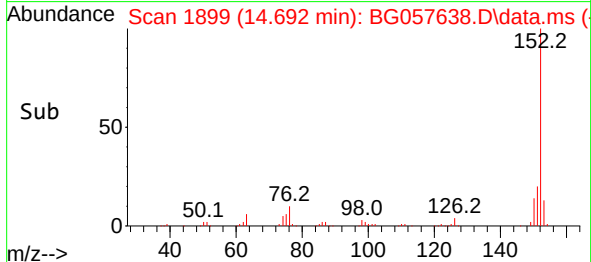
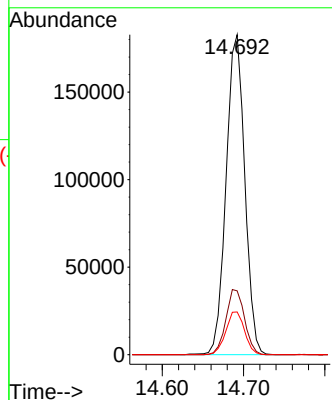
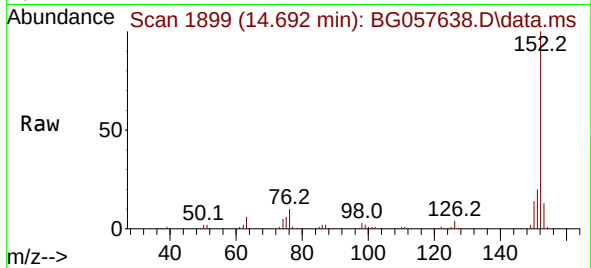




#49
Acenaphthylene
Concen: 47.383 ng
RT: 14.692 min Scan# 1899
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

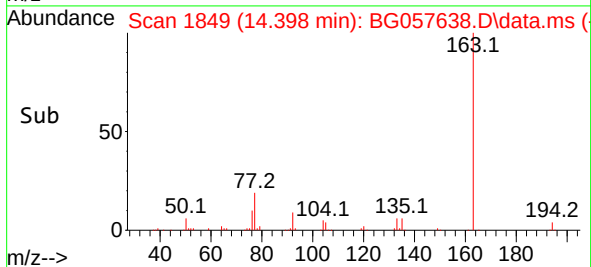
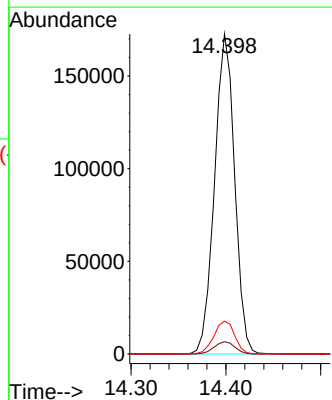
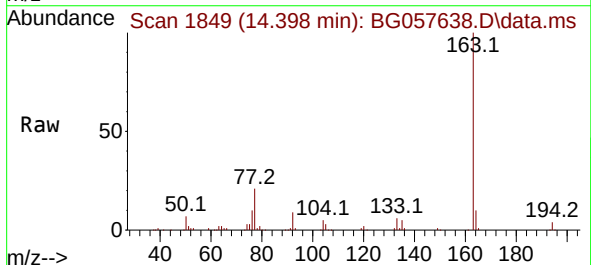
Instrument :
BNA_G
ClientSampleId :
PB153188BS

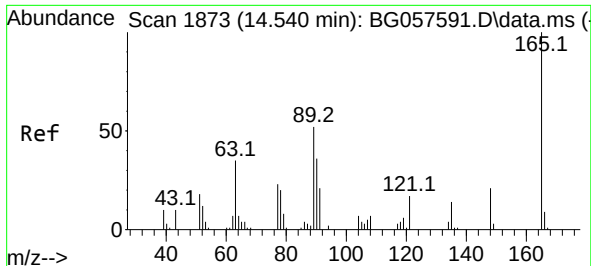
Tgt Ion:152 Resp: 291474
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 13.3 11.0 16.4



#50
Dimethylphthalate
Concen: 45.655 ng
RT: 14.398 min Scan# 1849
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:163 Resp: 253914
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 8.5 12.7

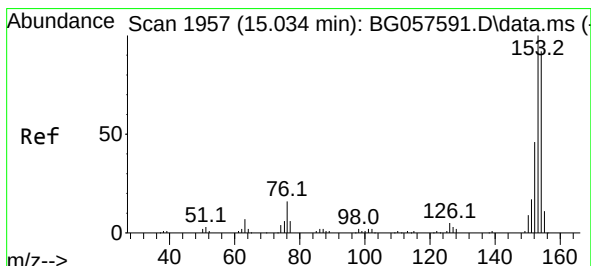
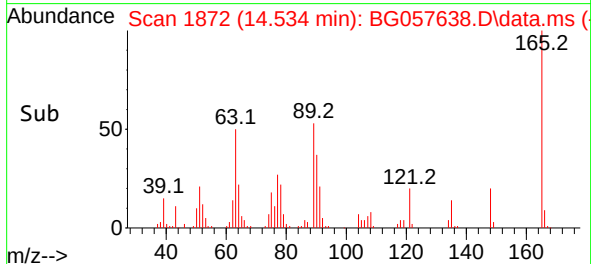
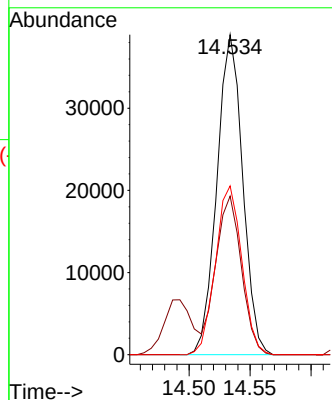
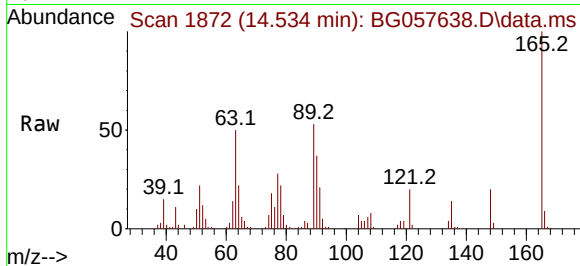




#51
2,6-Dinitrotoluene
Concen: 48.148 ng
RT: 14.534 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

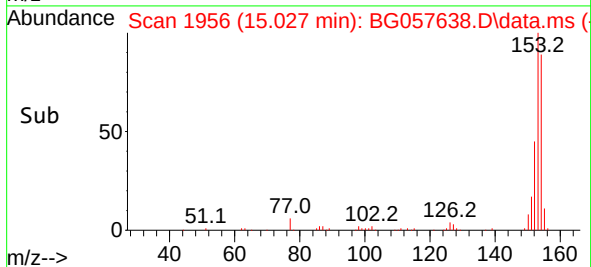
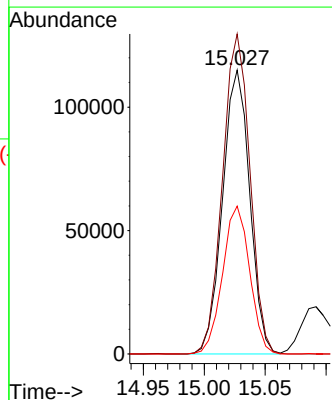
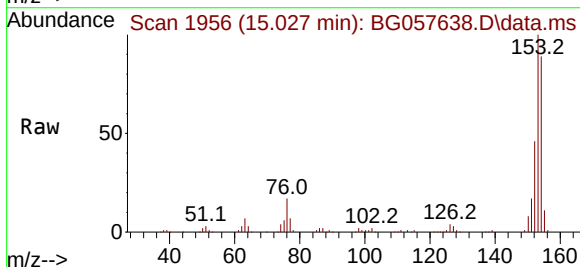
Instrument :
BNA_G
ClientSampleId :
PB153188BS

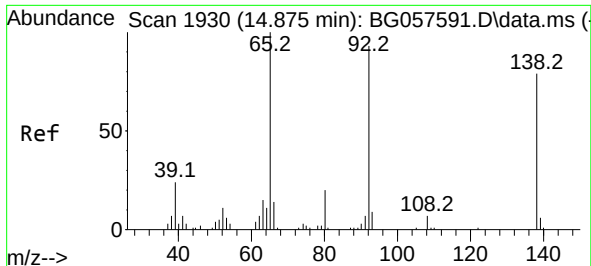
Tgt Ion:165 Resp: 57322
Ion Ratio Lower Upper
165 100
63 49.6 39.3 58.9
89 52.7 41.5 62.3



#52
Acenaphthene
Concen: 47.366 ng
RT: 15.027 min Scan# 1956
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:154 Resp: 178287
Ion Ratio Lower Upper
154 100
153 112.8 87.4 131.0
152 52.1 40.2 60.4

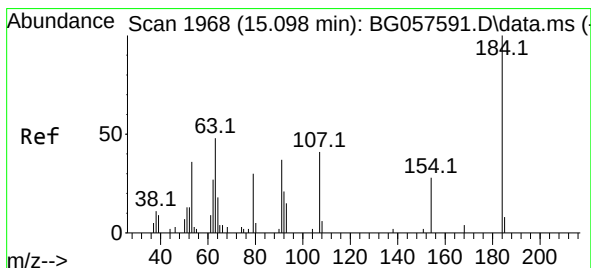
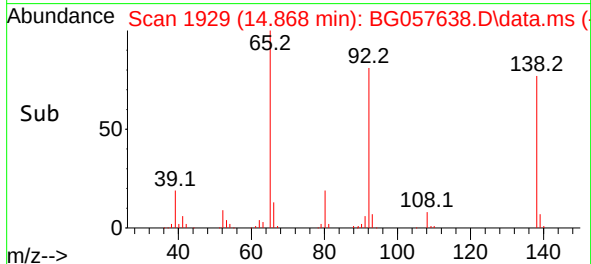
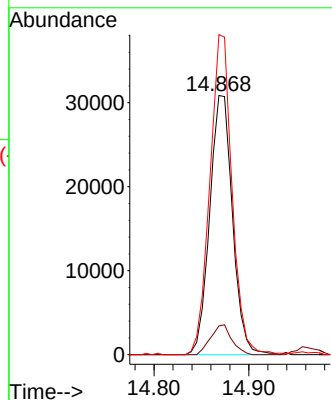
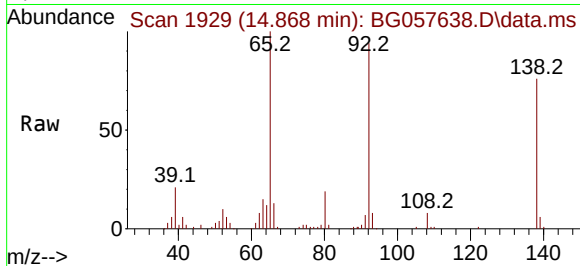




#53
3-Nitroaniline
Concen: 41.489 ng
RT: 14.868 min Scan# 1930
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

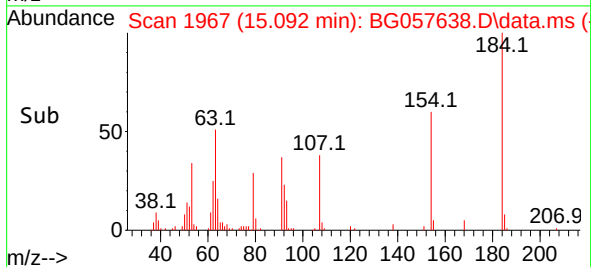
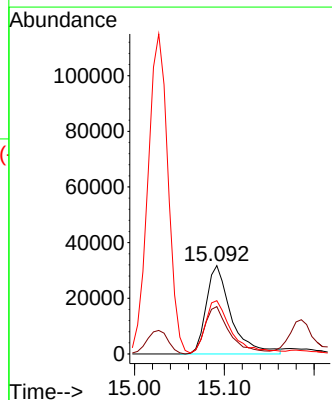
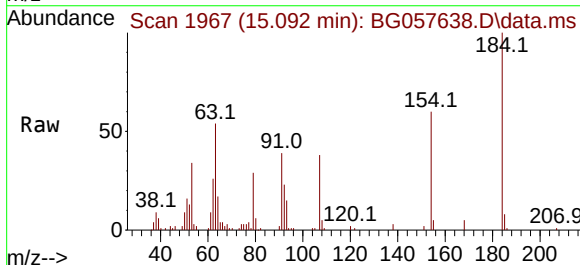
Instrument :
BNA_G
ClientSampleId :
PB153188BS

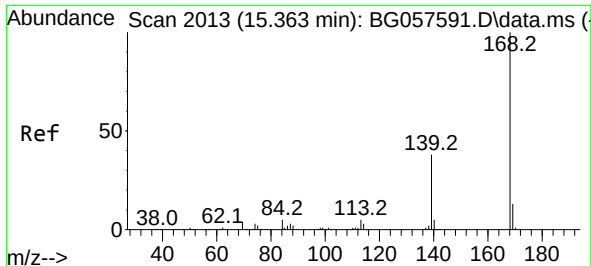
Tgt Ion:138 Resp: 51519
Ion Ratio Lower Upper
138 100
108 11.1 7.1 10.7#
92 123.4 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 84.617 ng
RT: 15.092 min Scan# 1967
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:184 Resp: 61080
Ion Ratio Lower Upper
184 100
63 53.6 41.4 62.2
154 60.4 52.5 78.7

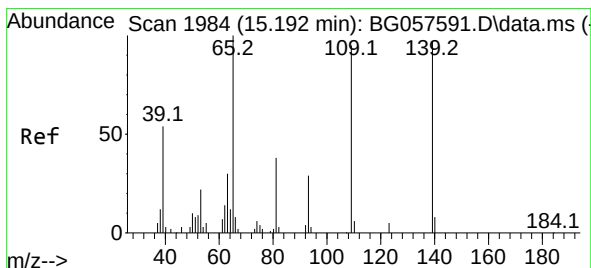
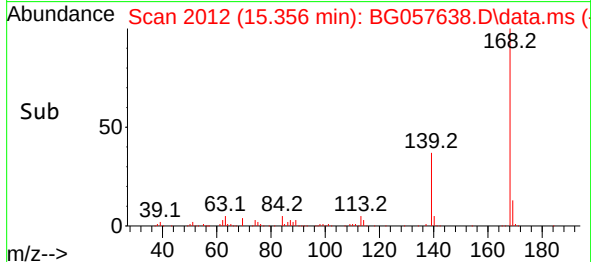
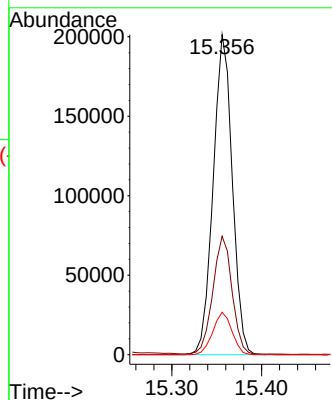
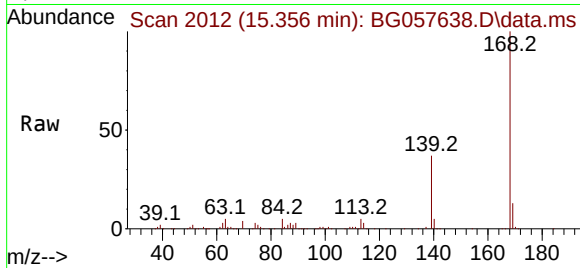




#55
Dibenzofuran
Concen: 46.160 ng
RT: 15.356 min Scan# 2013
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

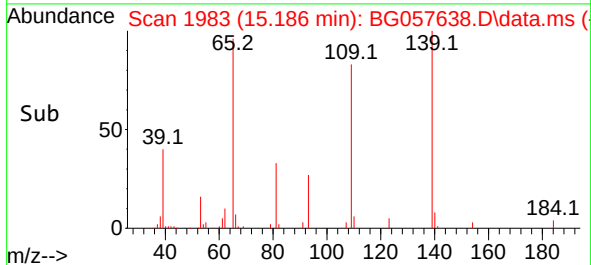
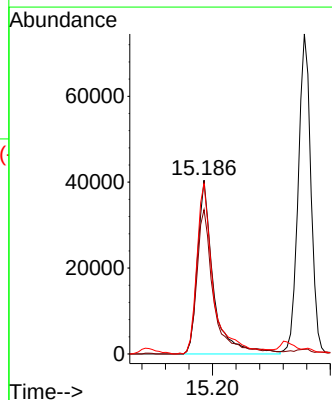
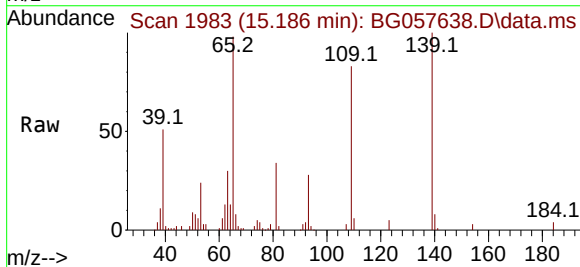
Instrument :
BNA_G
ClientSampleId :
PB153188BS

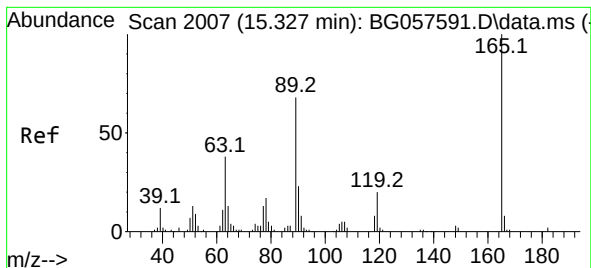
Tgt Ion:168 Resp: 296891
Ion Ratio Lower Upper
168 100
139 37.0 30.6 46.0
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 91.838 ng
RT: 15.186 min Scan# 1983
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:139 Resp: 75983
Ion Ratio Lower Upper
139 100
109 83.1 78.2 118.2
65 98.1 83.2 123.2

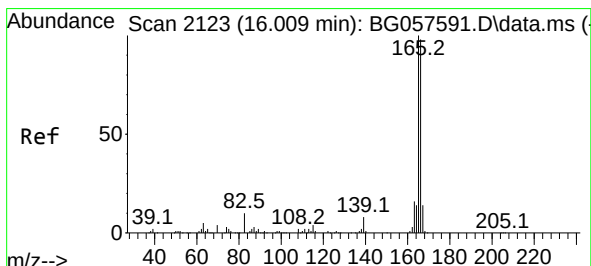
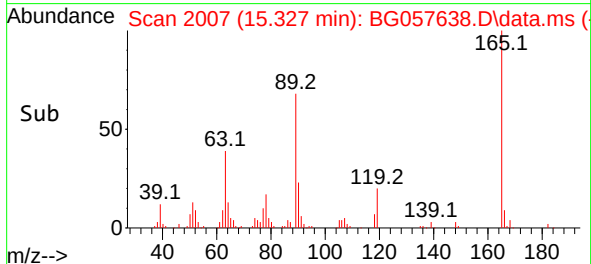
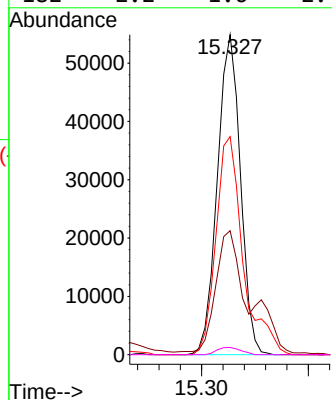
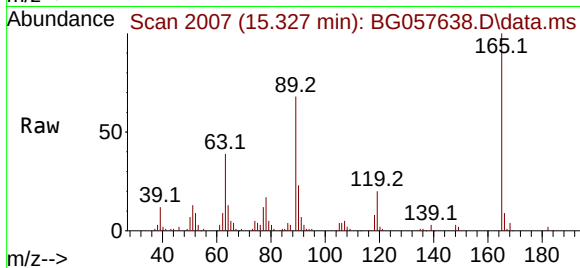




#57
2,4-Dinitrotoluene
Concen: 46.225 ng
RT: 15.327 min Scan# 2007
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

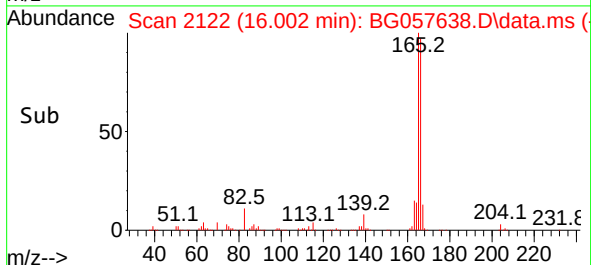
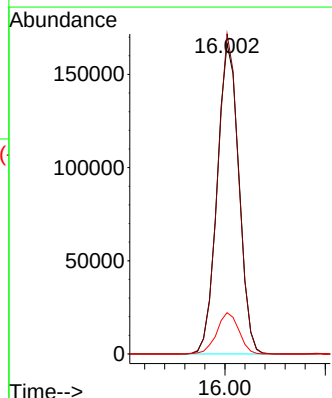
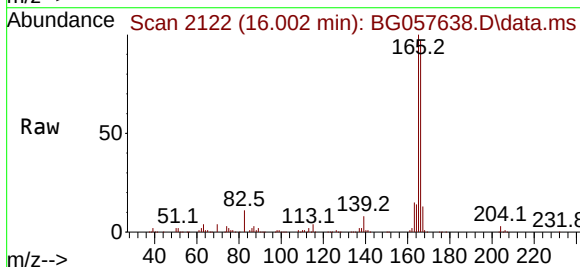
Instrument :
BNA_G
ClientSampleId :
PB153188BS

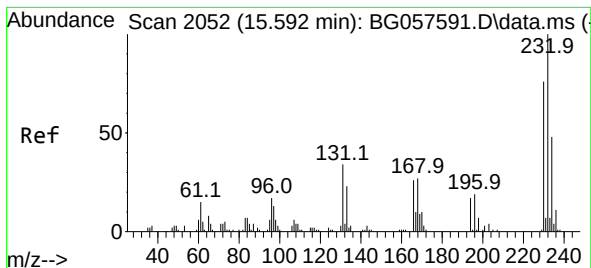
Tgt Ion:165 Resp: 82399
Ion Ratio Lower Upper
165 100
63 38.8 30.6 45.8
89 68.2 54.2 81.2
182 2.2 1.6 2.4



#58
Fluorene
Concen: 46.108 ng
RT: 16.002 min Scan# 2122
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:166 Resp: 250390
Ion Ratio Lower Upper
166 100
165 103.1 81.2 121.8
167 13.3 11.1 16.7

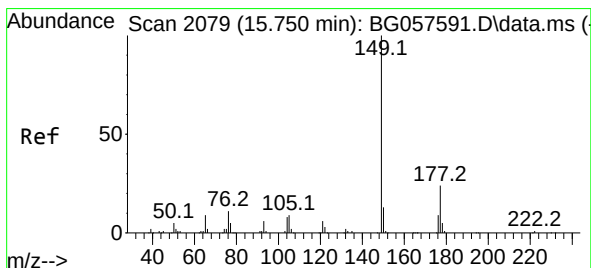
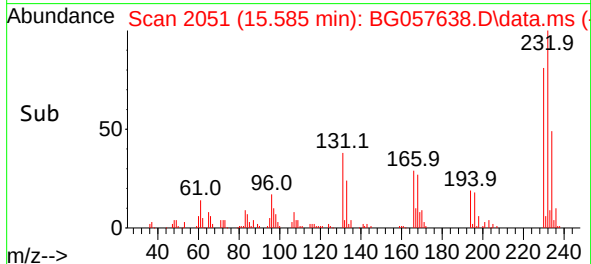
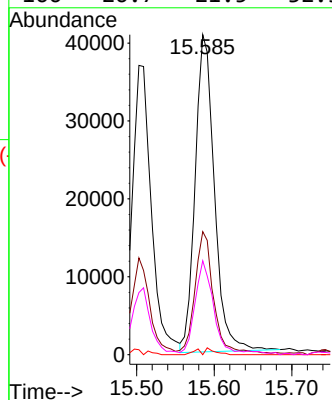
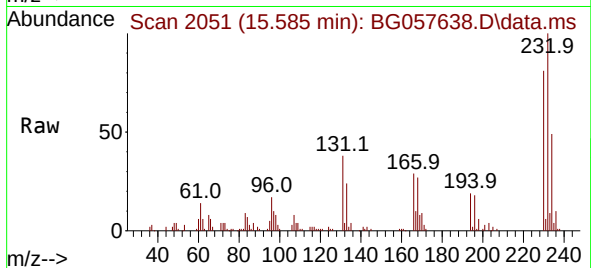




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.061 ng
RT: 15.585 min Scan# 2051
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

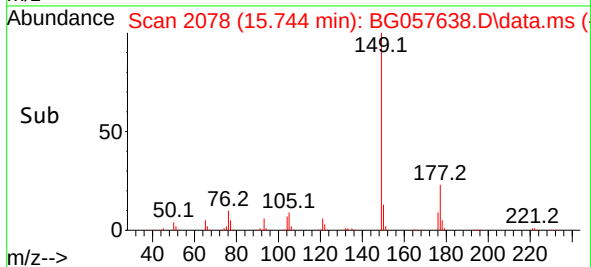
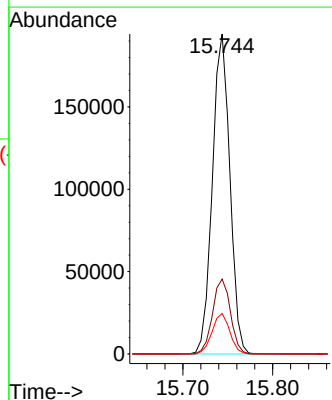
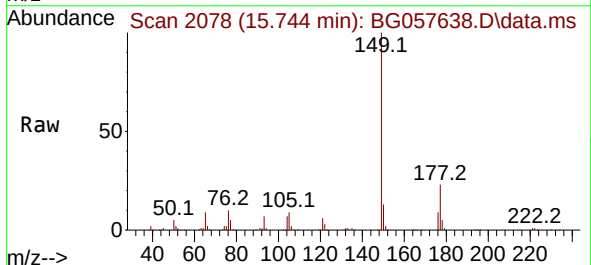
Instrument :
BNA_G
ClientSampleId :
PB153188BS

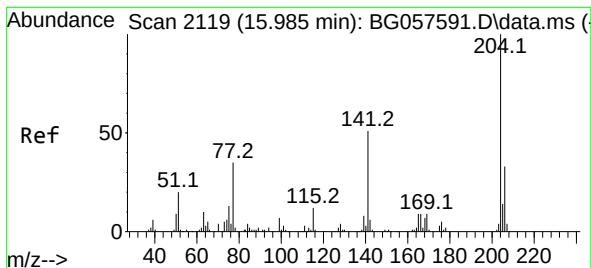
Tgt Ion:232 Resp: 70109
Ion Ratio Lower Upper
232 100
131 37.1 28.6 43.0
130 1.0 1.8 2.6#
166 26.7 21.5 32.3



#60
Diethylphthalate
Concen: 45.167 ng
RT: 15.744 min Scan# 2078
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:149 Resp: 262191
Ion Ratio Lower Upper
149 100
177 23.4 19.0 28.6
150 12.7 10.1 15.1

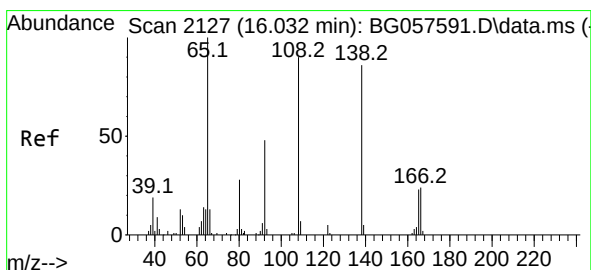
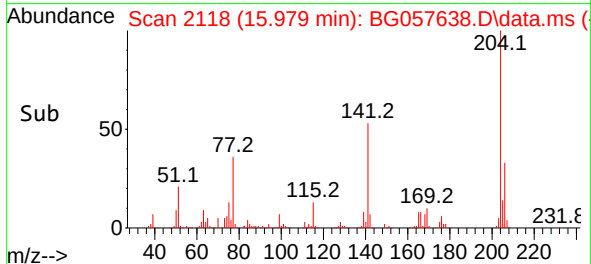
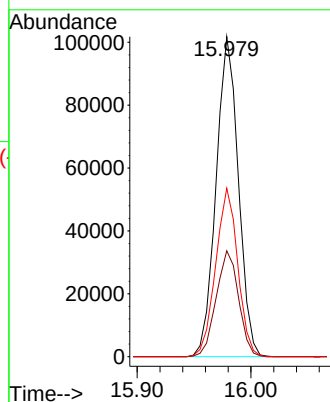
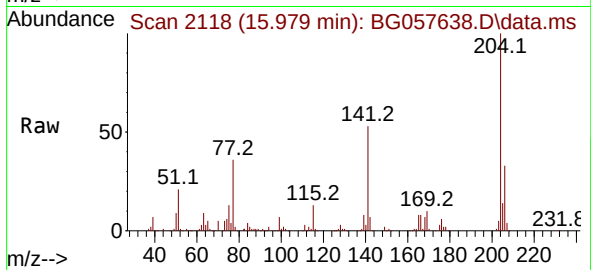




#61
4-Chlorophenyl-phenylether
Concen: 45.777 ng
RT: 15.979 min Scan# 2118
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

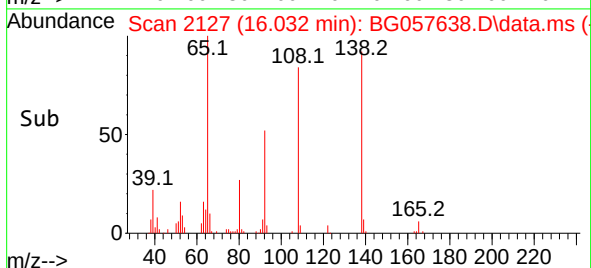
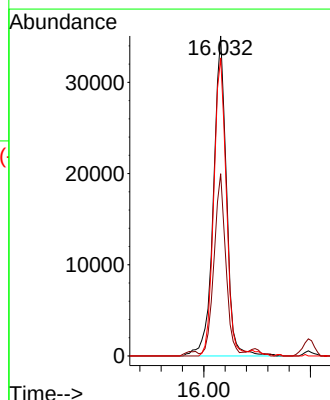
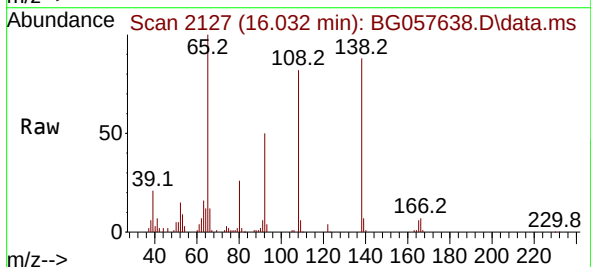
Instrument :
BNA_G
ClientSampleId :
PB153188BS

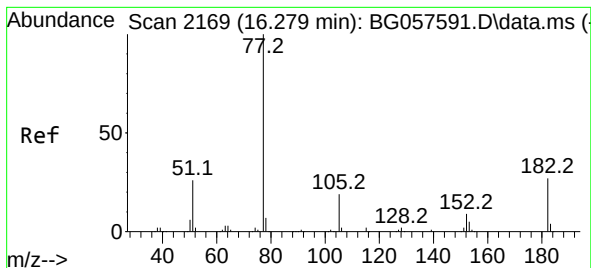
Tgt Ion:204 Resp: 138543
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 52.7 40.8 61.2



#62
4-Nitroaniline
Concen: 44.622 ng
RT: 16.032 min Scan# 2127
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:138 Resp: 59772
Ion Ratio Lower Upper
138 100
92 57.0 36.4 76.4
108 93.2 85.4 125.4





#63

Azobenzene

Concen: 46.657 ng

RT: 16.272 min Scan# 2168

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

Tgt Ion: 77 Resp: 240864

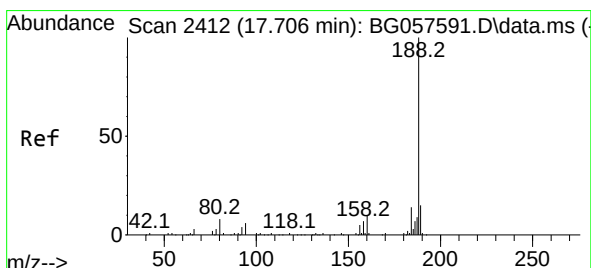
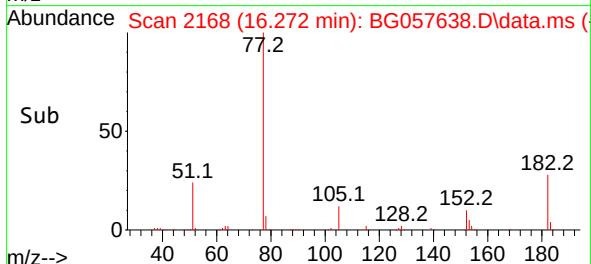
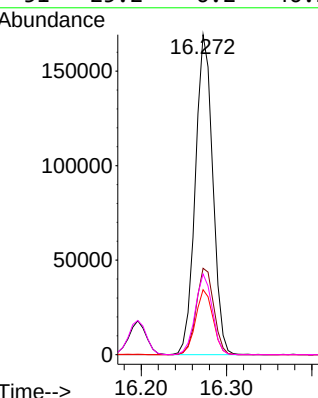
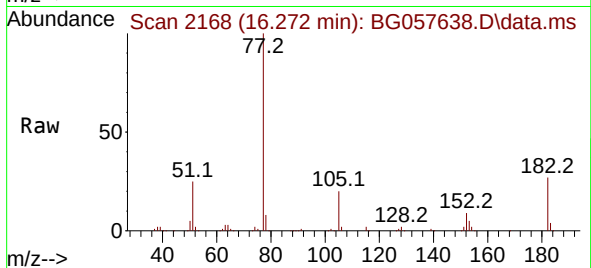
Ion Ratio Lower Upper

77 100

182 27.0 7.4 47.4

105 20.3 0.0 39.4

51 25.2 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.700 min Scan# 2411

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

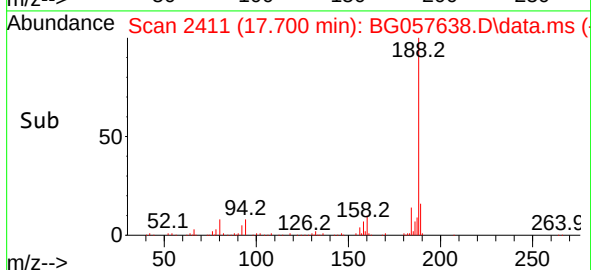
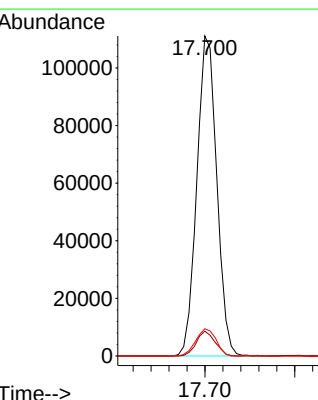
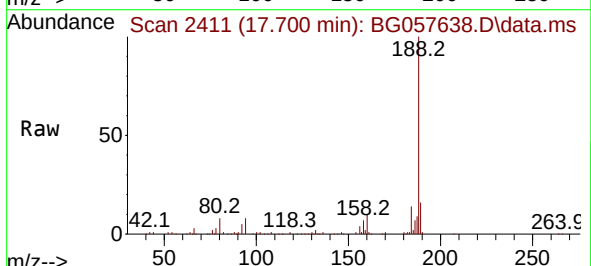
Tgt Ion:188 Resp: 170976

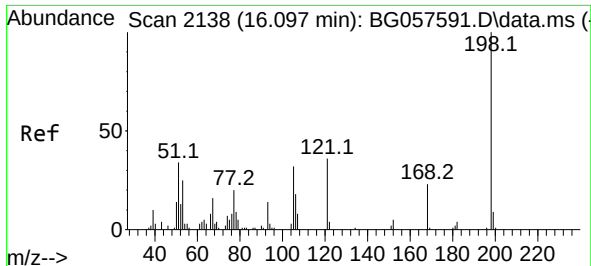
Ion Ratio Lower Upper

188 100

94 7.7 5.2 7.8

80 8.5 6.7 10.1

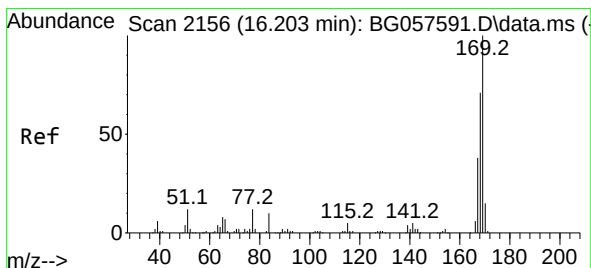
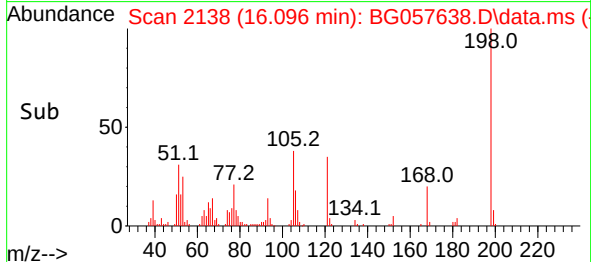
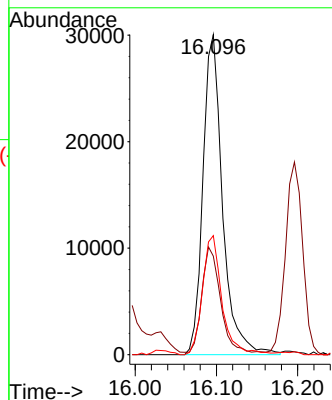
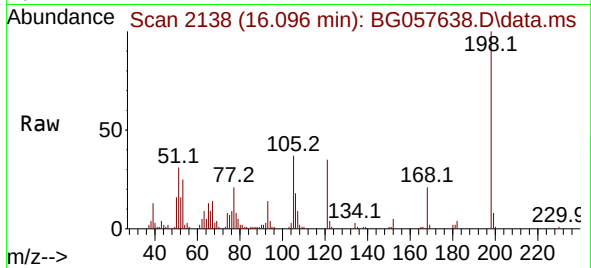




#65
4,6-Dinitro-2-methylphenol
Concen: 48.370 ng
RT: 16.096 min Scan# 2138
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

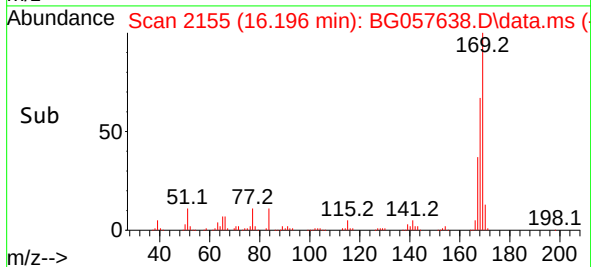
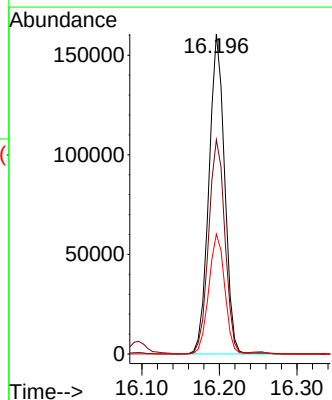
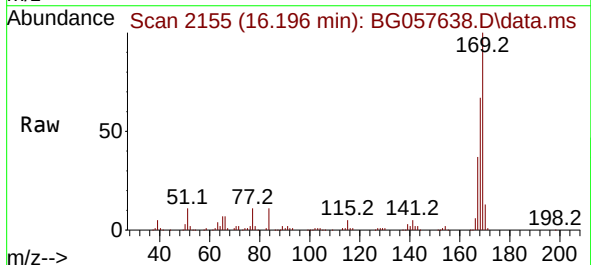
Instrument :
BNA_G
ClientSampleId :
PB153188BS

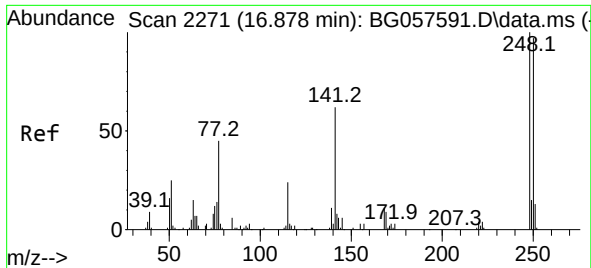
Tgt Ion:198 Resp: 50355
Ion Ratio Lower Upper
198 100
51 30.8 14.9 54.9
105 37.2 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 50.673 ng
RT: 16.196 min Scan# 2155
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:169 Resp: 225187
Ion Ratio Lower Upper
169 100
168 67.0 56.7 85.1
167 37.5 30.7 46.1

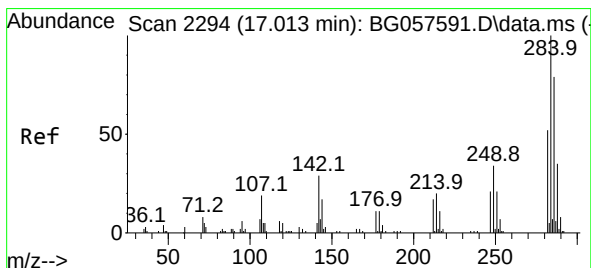
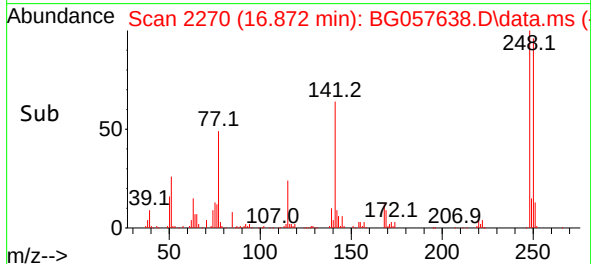
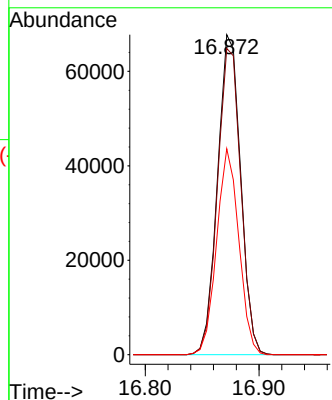
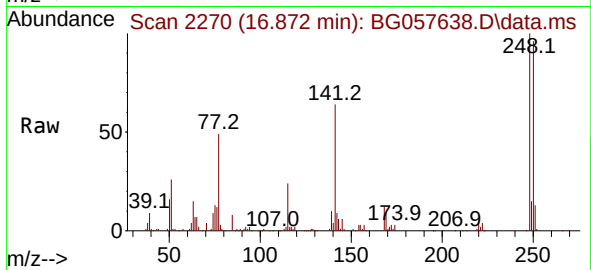




#67
4-Bromophenyl-phenylether
Concen: 49.964 ng
RT: 16.872 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

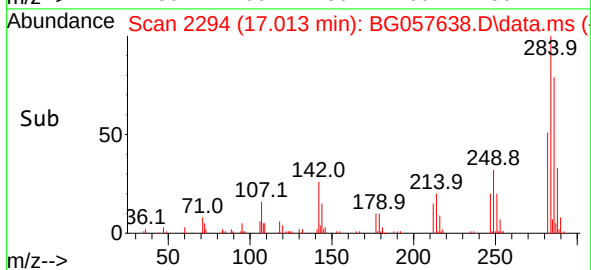
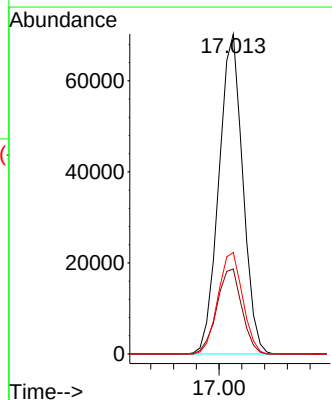
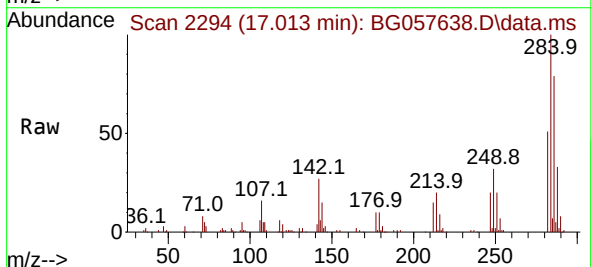
Instrument :
BNA_G
ClientSampleId :
PB153188BS

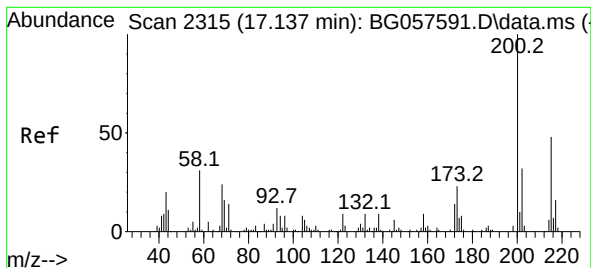
Tgt Ion:248 Resp: 95825
Ion Ratio Lower Upper
248 100
250 95.7 77.4 116.2
141 64.4 49.4 74.0



#68
Hexachlorobenzene
Concen: 51.889 ng
RT: 17.013 min Scan# 2294
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:284 Resp: 102583
Ion Ratio Lower Upper
284 100
142 26.6 22.9 34.3
249 31.7 27.0 40.4





#69

Atrazine

Concen: 53.328 ng

RT: 17.130 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

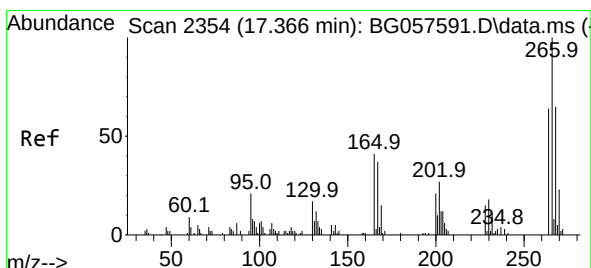
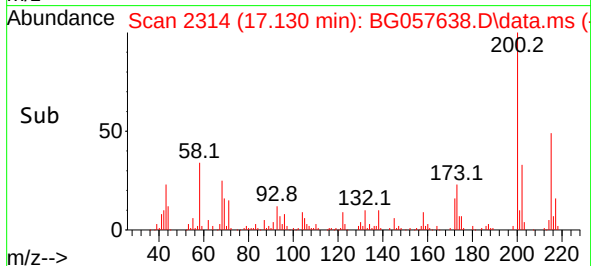
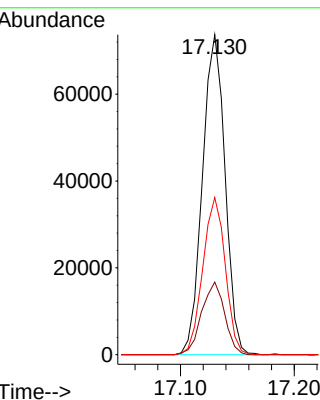
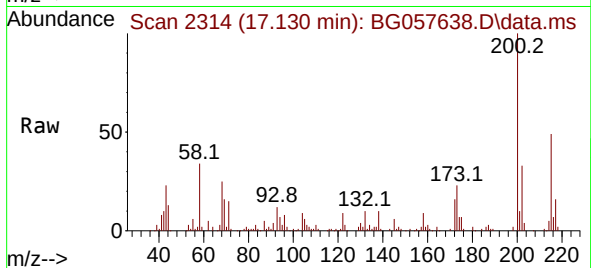
Tgt Ion:200 Resp: 101746

Ion Ratio Lower Upper

200 100

173 22.7 3.2 43.2

215 49.1 28.4 68.4



#70

Pentachlorophenol

Concen: 78.774 ng

RT: 17.359 min Scan# 2353

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

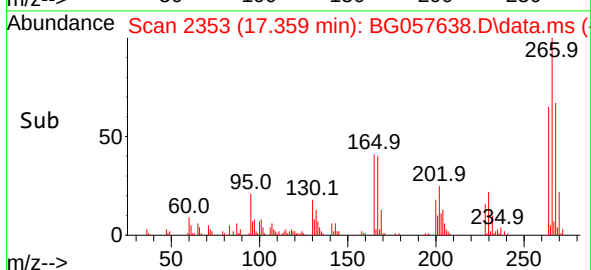
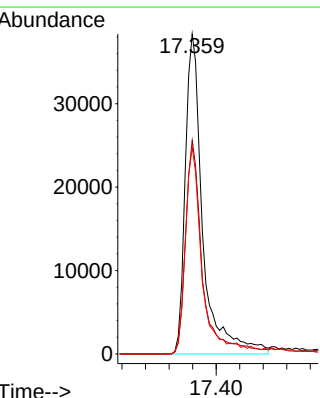
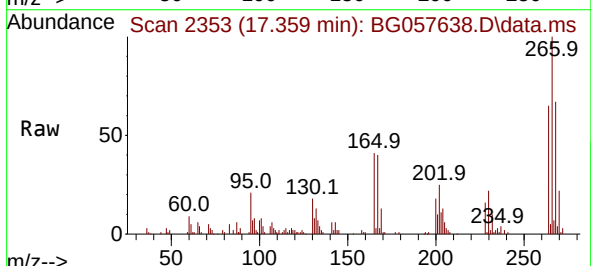
Tgt Ion:266 Resp: 79352

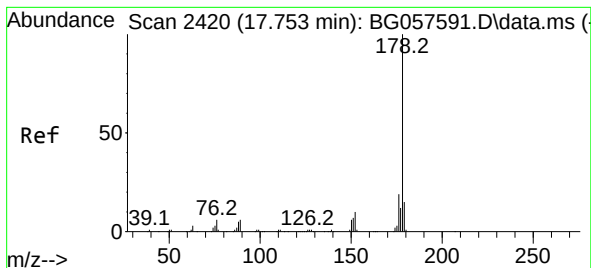
Ion Ratio Lower Upper

266 100

268 66.7 52.2 78.4

264 64.6 51.2 76.8





#71

Phenanthrene

Concen: 49.204 ng

RT: 17.747 min Scan# 24

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

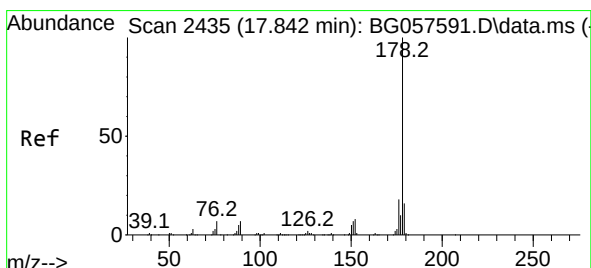
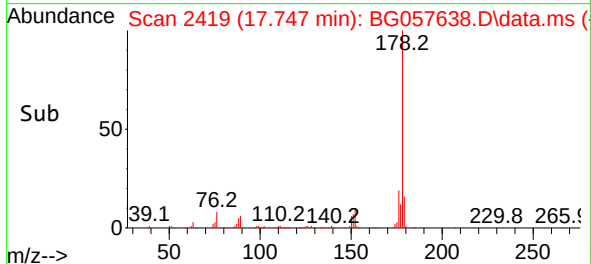
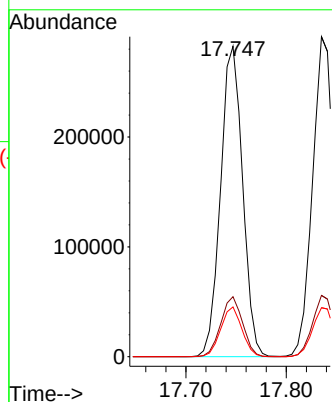
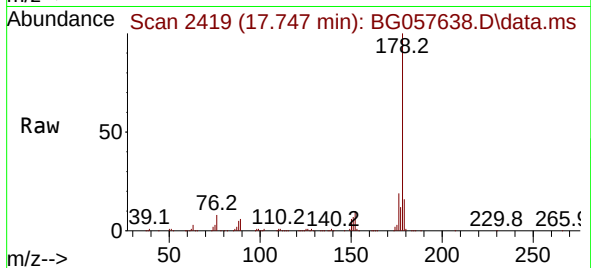
Tgt Ion:178 Resp: 430512

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.0 12.0 18.0



#72

Anthracene

Concen: 48.424 ng

RT: 17.835 min Scan# 2434

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

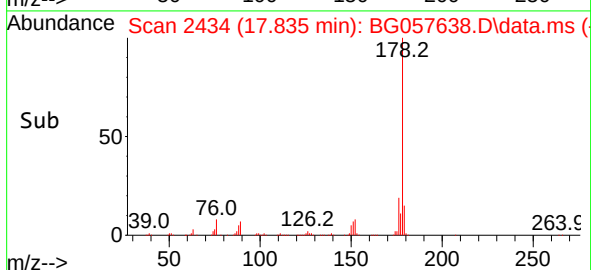
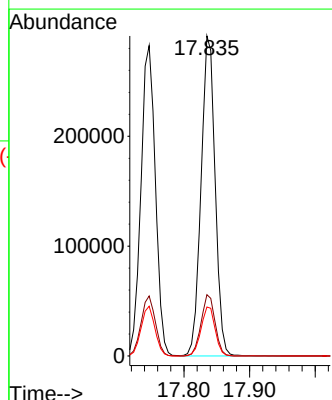
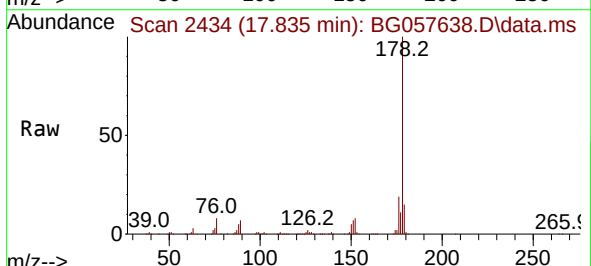
Tgt Ion:178 Resp: 434641

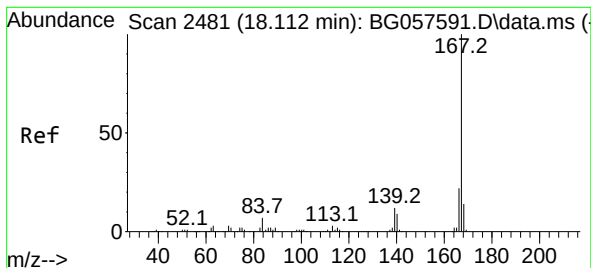
Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

179 15.3 12.6 18.8





#73

Carbazole

Concen: 49.274 ng

RT: 18.105 min Scan# 24

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

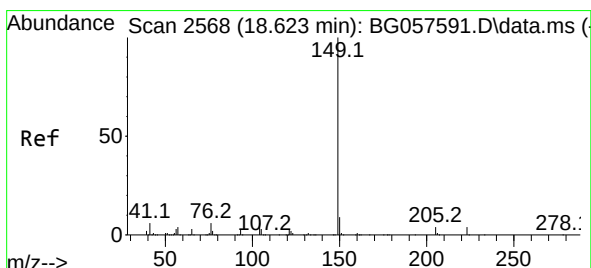
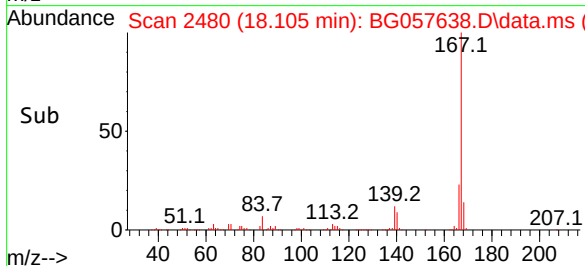
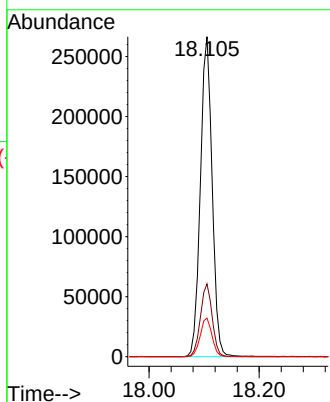
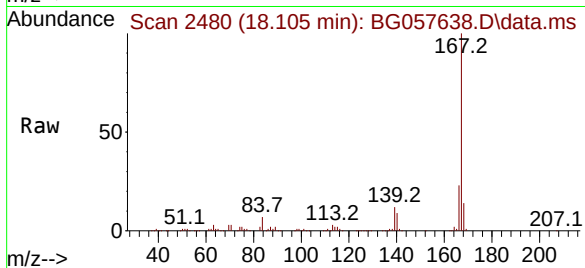
Tgt Ion:167 Resp: 395652

Ion Ratio Lower Upper

167 100

166 22.7 17.9 26.9

139 12.0 9.6 14.4



#74

Di-n-butylphthalate

Concen: 48.604 ng

RT: 18.616 min Scan# 2567

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

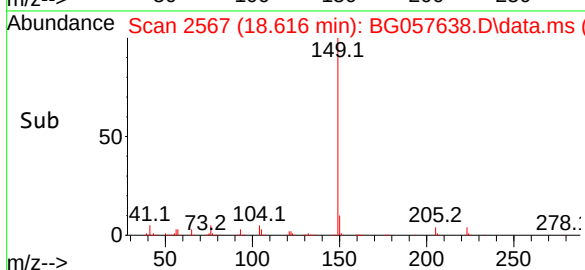
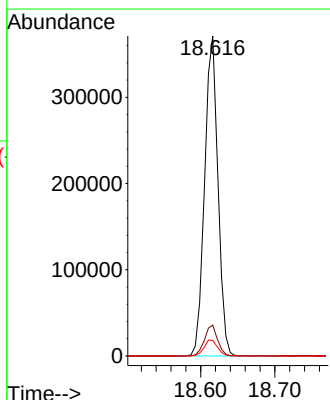
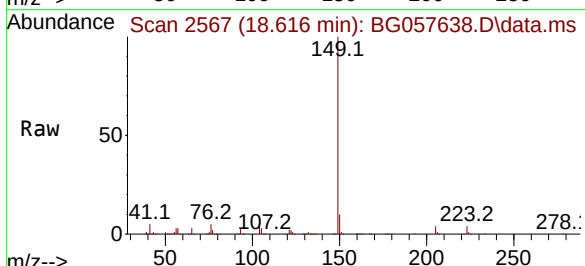
Tgt Ion:149 Resp: 463305

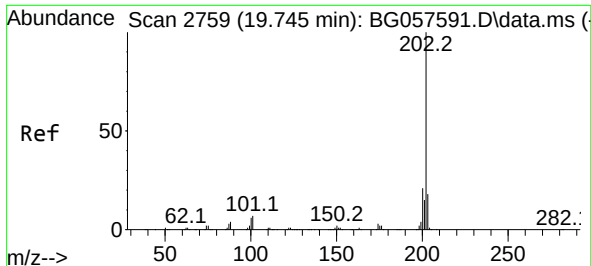
Ion Ratio Lower Upper

149 100

150 9.6 7.3 10.9

104 4.9 4.6 6.8

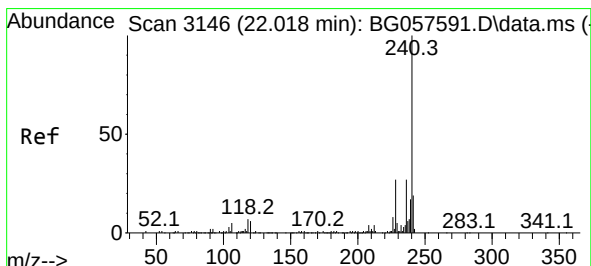
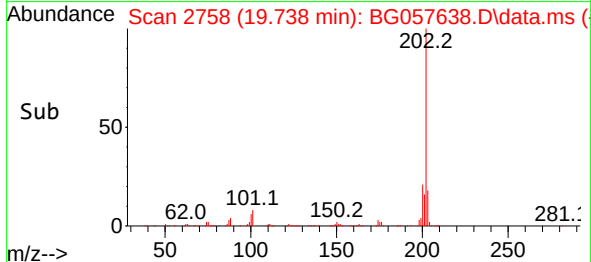
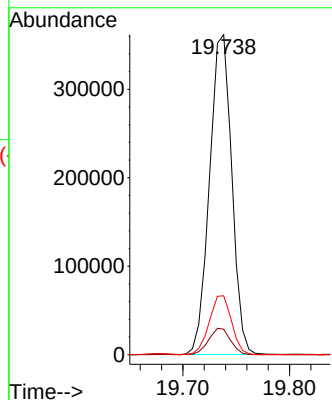
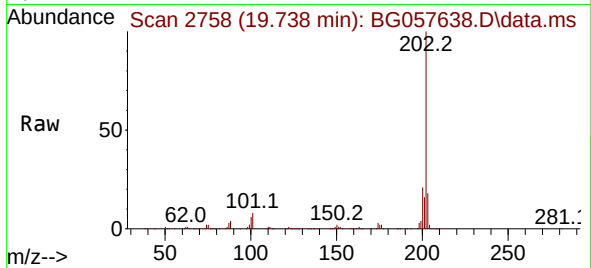




#75
Fluoranthene
Concen: 46.220 ng
RT: 19.738 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

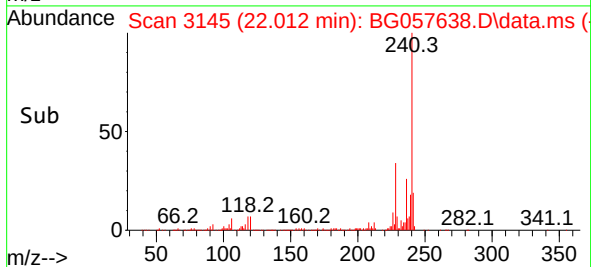
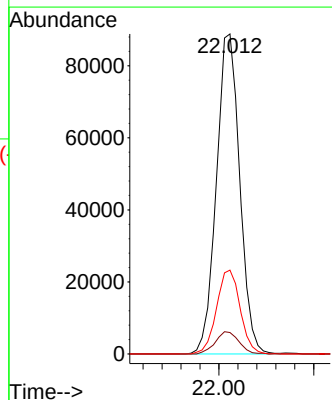
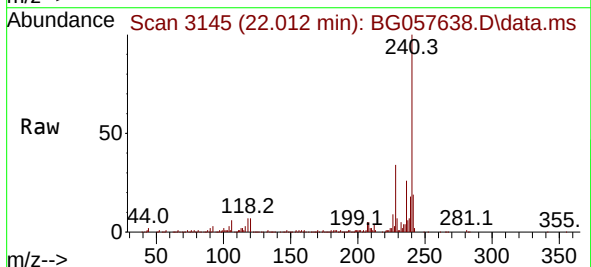
Instrument :
BNA_G
ClientSampleId :
PB153188BS

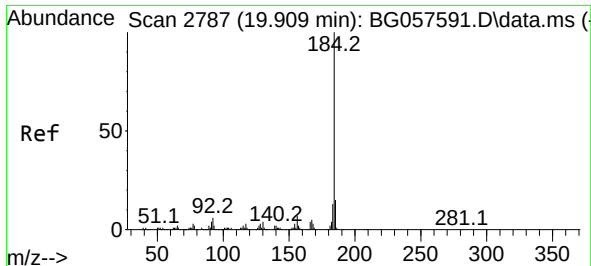
Tgt Ion:202 Resp: 524992
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.5
203 18.4 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3145
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:240 Resp: 151842
Ion Ratio Lower Upper
240 100
120 6.7 5.2 7.8
236 26.2 21.4 32.0

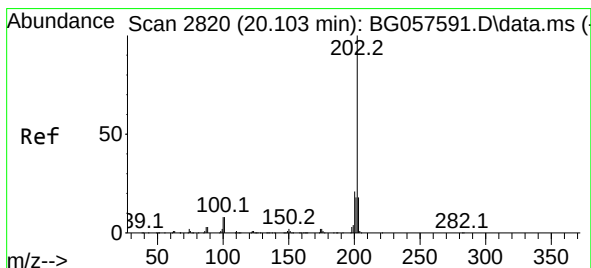
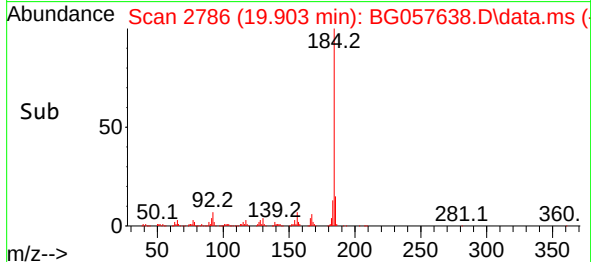
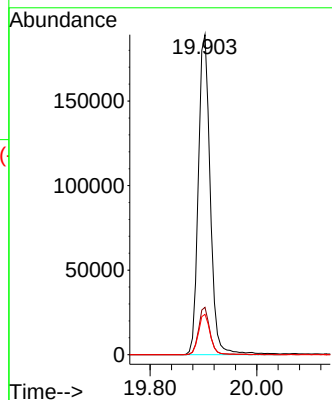
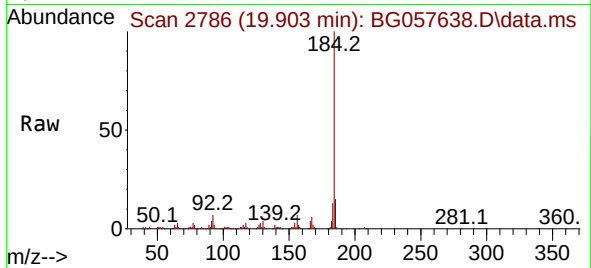




#77
Benzidine
Concen: 63.877 ng
RT: 19.903 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

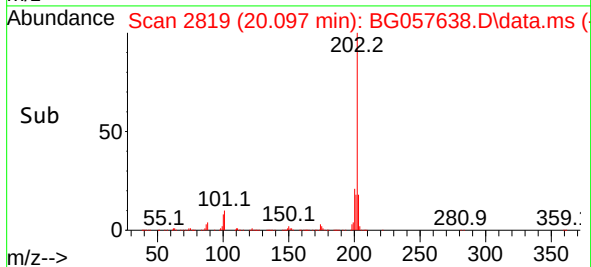
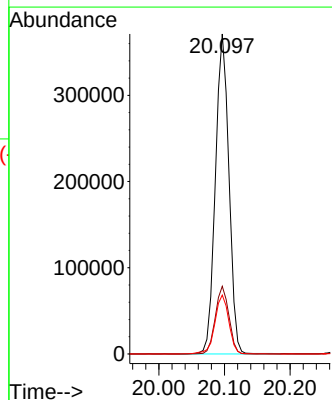
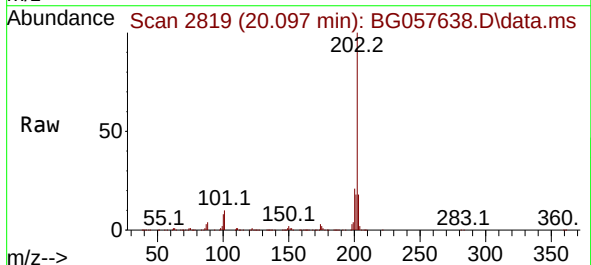
Instrument :
BNA_G
ClientSampleId :
PB153188BS

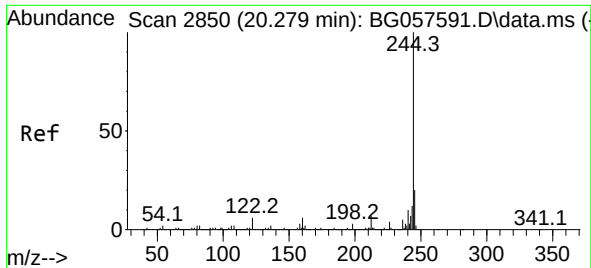
Tgt Ion:184 Resp: 293500
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 12.6 10.0 15.0



#78
Pyrene
Concen: 49.043 ng
RT: 20.097 min Scan# 2819
Delta R.T. 0.002 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:202 Resp: 530228
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 18.4 14.5 21.7

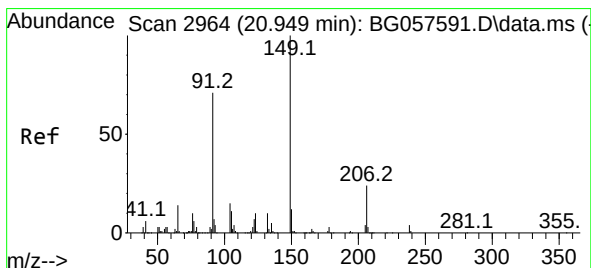
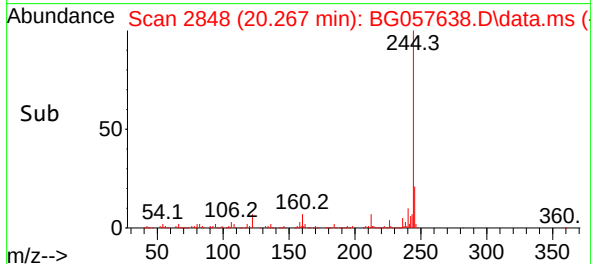
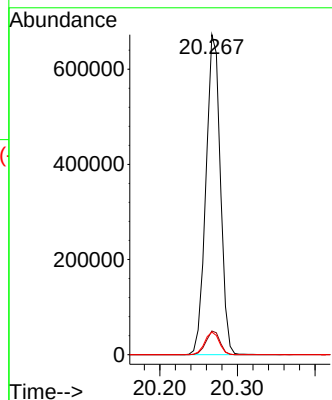
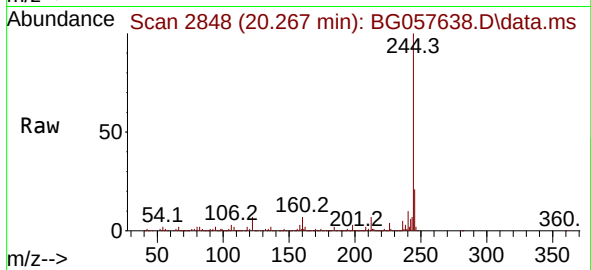




#79
 Terphenyl-d14
 Concen: 98.923 ng
 RT: 20.267 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057638.D
 Acq: 6 Jun 2023 15:23

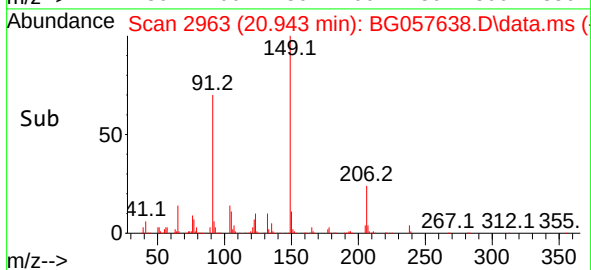
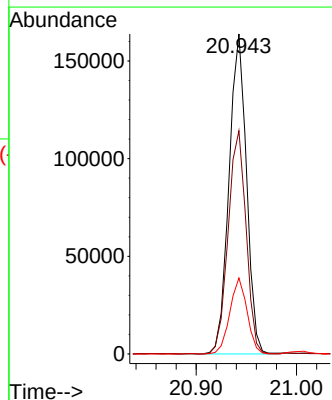
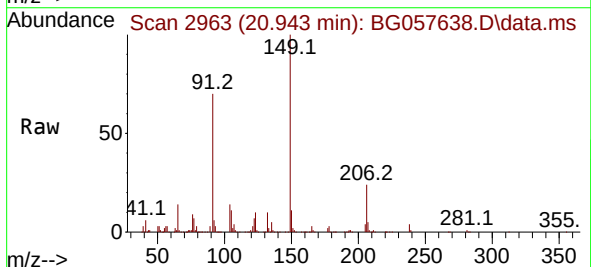
Instrument :
 BNA_G
 ClientSampleId :
 PB153188BS

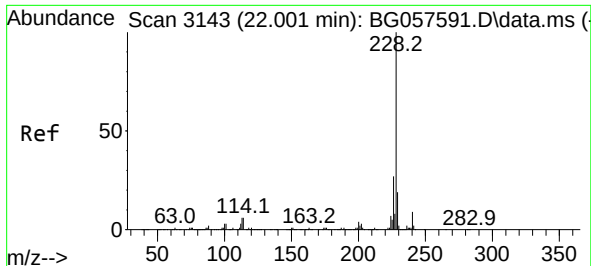
Tgt Ion:244 Resp: 867130
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 7.1 4.8 7.2



#80
 Butylbenzylphthalate
 Concen: 50.309 ng
 RT: 20.943 min Scan# 2963
 Delta R.T. 0.002 min
 Lab File: BG057638.D
 Acq: 6 Jun 2023 15:23

Tgt Ion:149 Resp: 198090
 Ion Ratio Lower Upper
 149 100
 91 69.7 57.0 85.6
 206 23.8 19.4 29.2

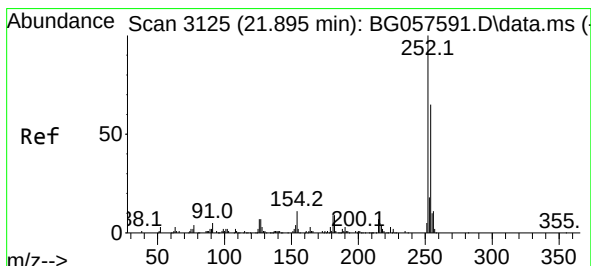
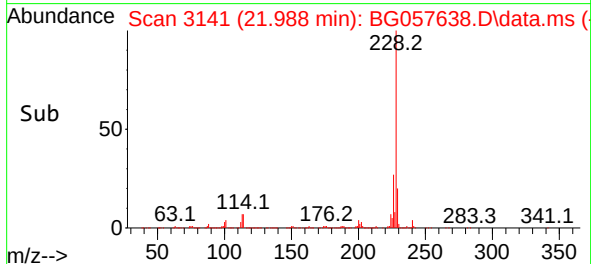
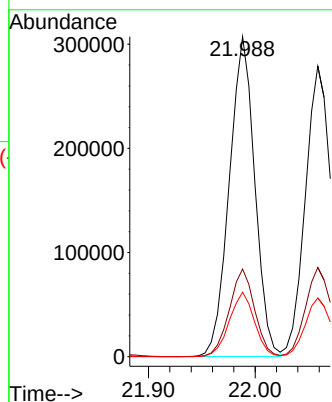
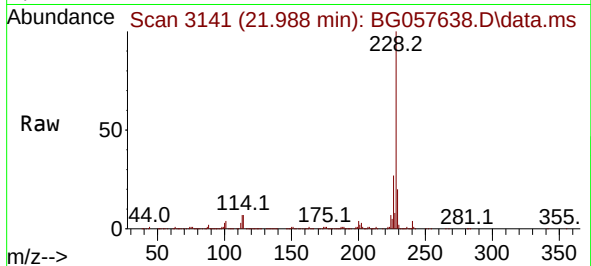




#81
Benzo(a)anthracene
Concen: 48.375 ng
RT: 21.988 min Scan# 3143
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

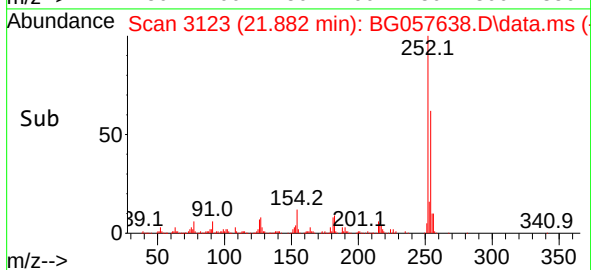
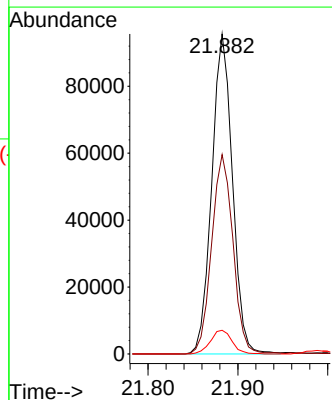
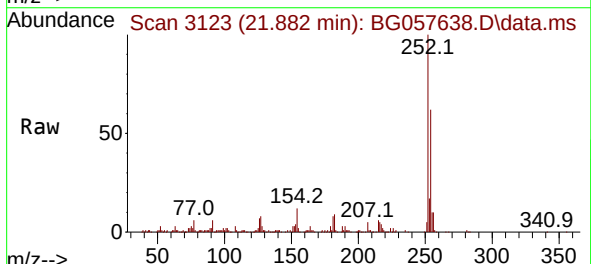
Instrument :
BNA_G
ClientSampleId :
PB153188BS

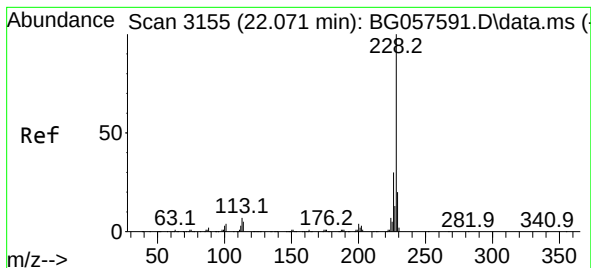
Tgt Ion:228 Resp: 509592
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 39.324 ng
RT: 21.882 min Scan# 3123
Delta R.T. 0.008 min
Lab File: BG057638.D
Acq: 6 Jun 2023 15:23

Tgt Ion:252 Resp: 152762
Ion Ratio Lower Upper
252 100
254 62.3 51.8 77.8
126 7.4 5.4 8.2





#83

Chrysene

Concen: 46.801 ng

RT: 22.059 min Scan# 3113

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

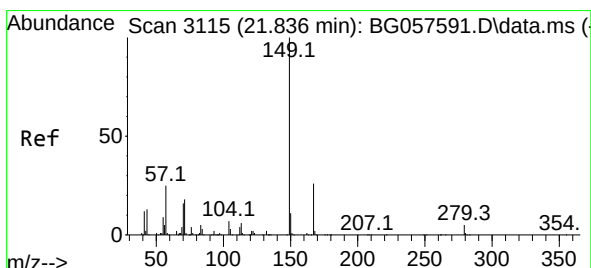
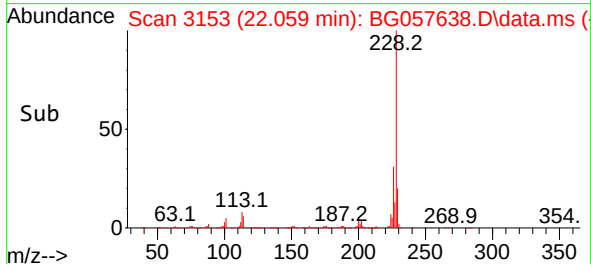
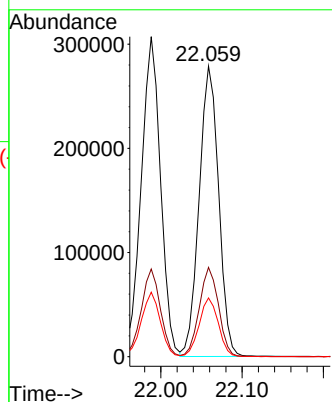
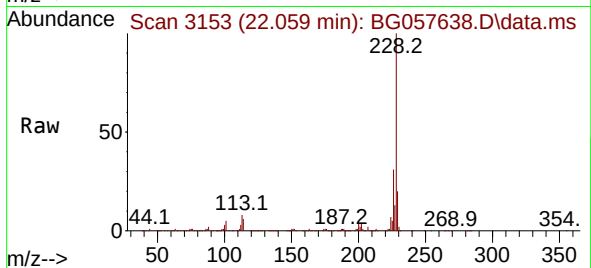
Tgt Ion:228 Resp: 465905

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.509 ng

RT: 21.824 min Scan# 3113

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

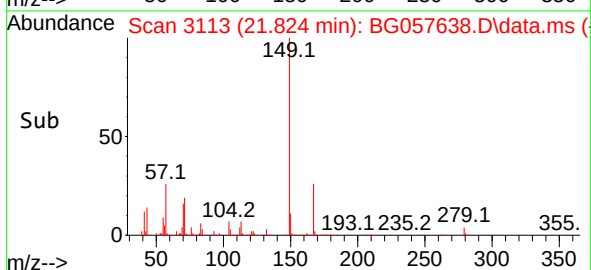
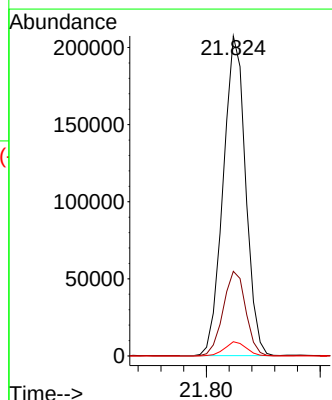
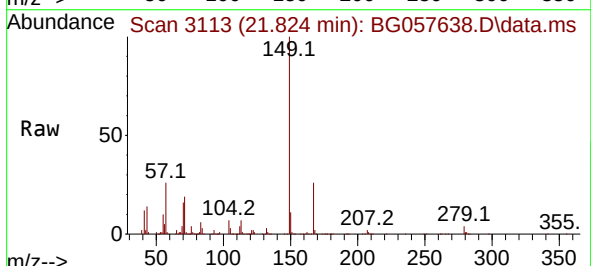
Tgt Ion:149 Resp: 283686

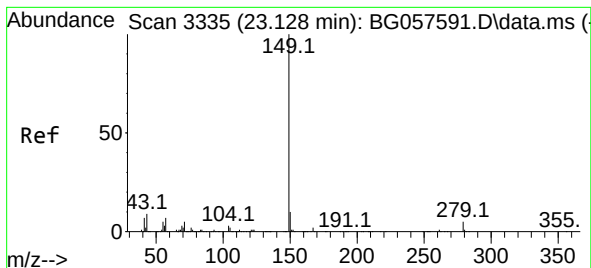
Ion Ratio Lower Upper

149 100

167 26.5 20.6 31.0

279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.810 ng

RT: 23.116 min Scan# 31

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

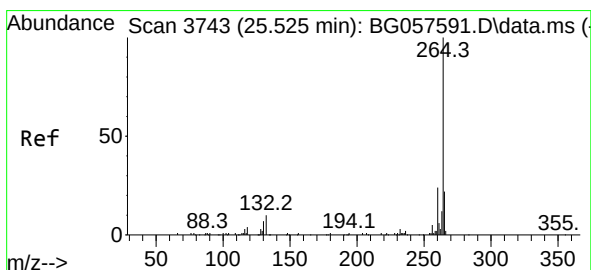
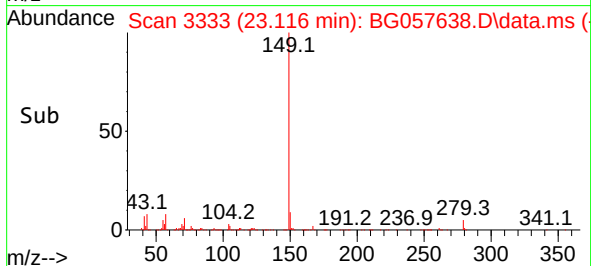
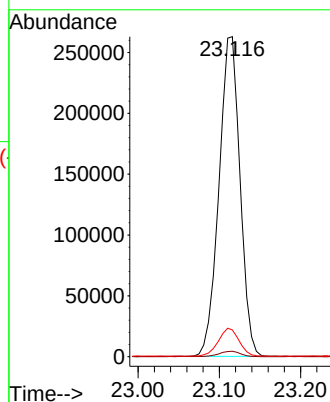
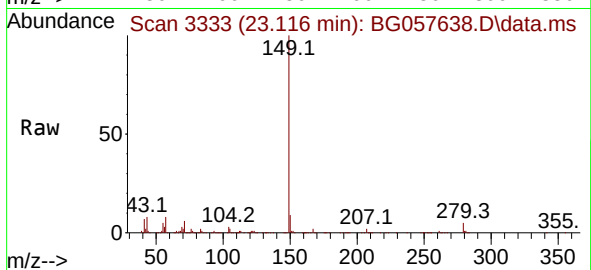
Tgt Ion:149 Resp: 473029

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.6 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.501 min Scan# 3739

Delta R.T. 0.002 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

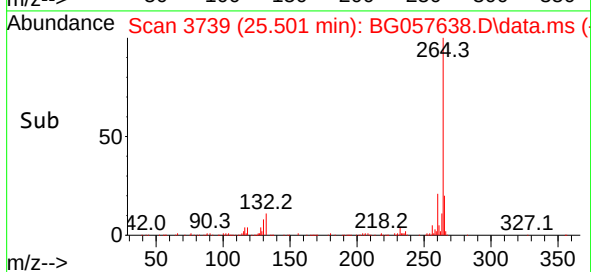
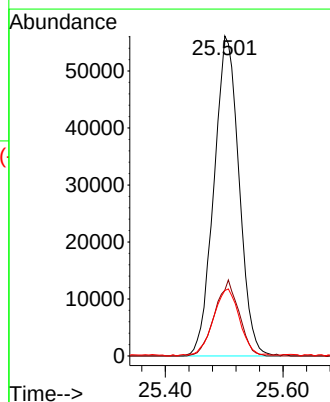
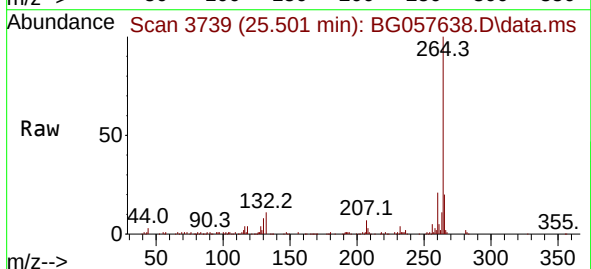
Tgt Ion:264 Resp: 165992

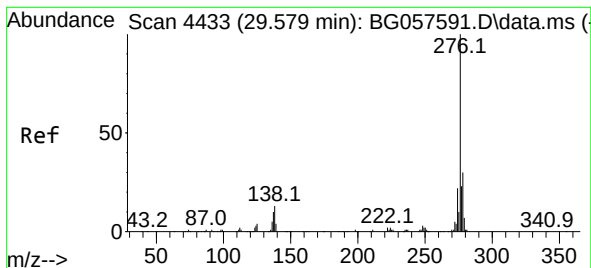
Ion Ratio Lower Upper

264 100

260 20.5 19.1 28.7

265 20.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.005 ng

RT: 29.560 min Scan# 4433

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

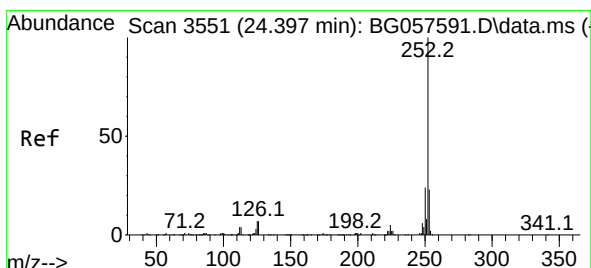
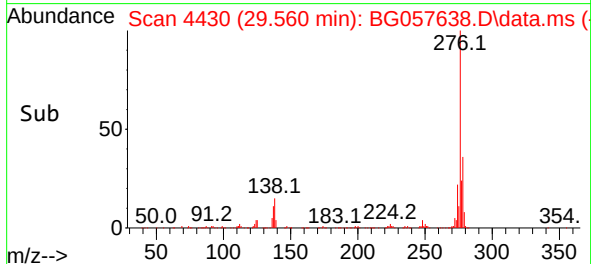
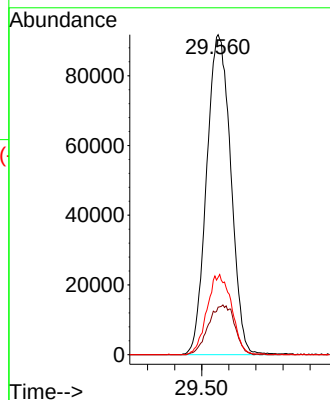
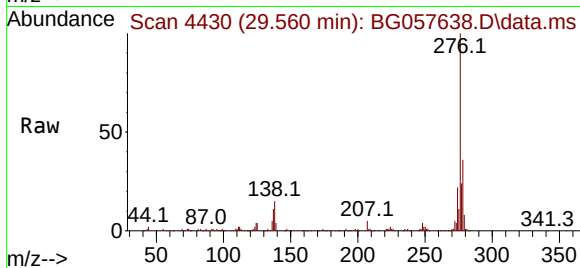
Tgt Ion:276 Resp: 567140

Ion Ratio Lower Upper

276 100

138 17.0 12.3 18.5

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 50.415 ng

RT: 24.385 min Scan# 3549

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

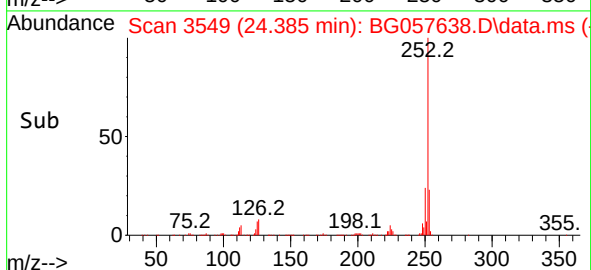
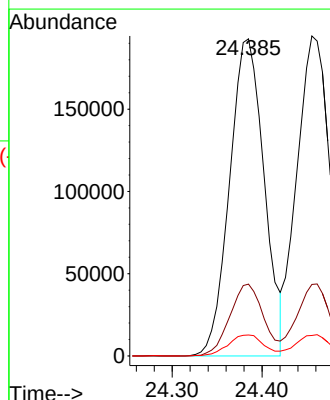
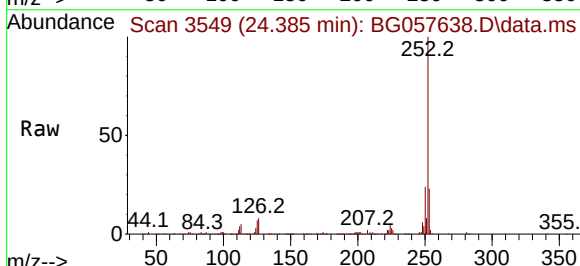
Tgt Ion:252 Resp: 515106

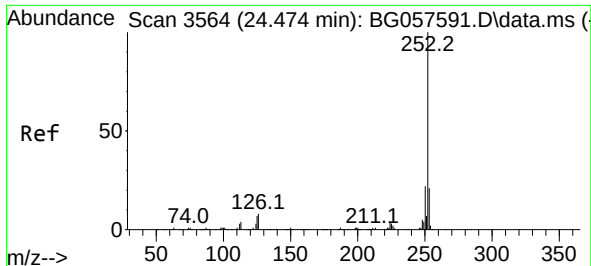
Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 6.6 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 48.658 ng

RT: 24.455 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

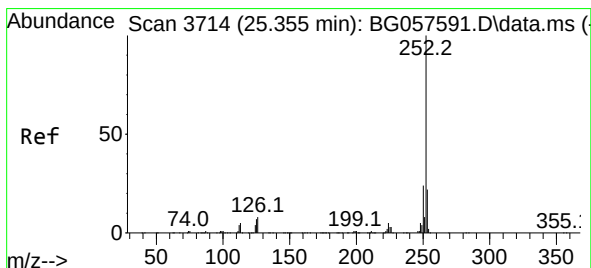
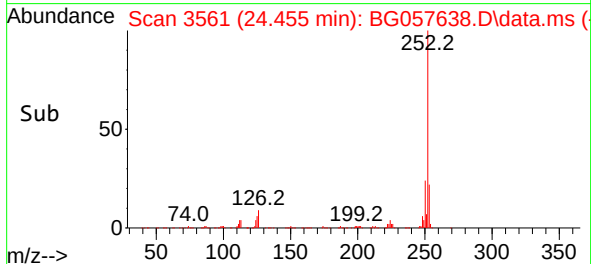
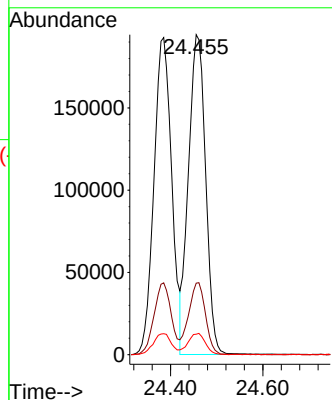
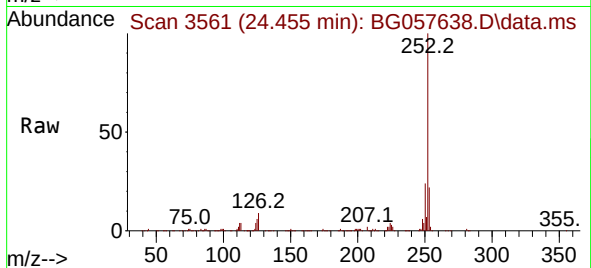
Tgt Ion:252 Resp: 501741

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 6.4 5.1 7.7



#90

Benzo(a)pyrene

Concen: 45.269 ng

RT: 25.342 min Scan# 3712

Delta R.T. 0.014 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

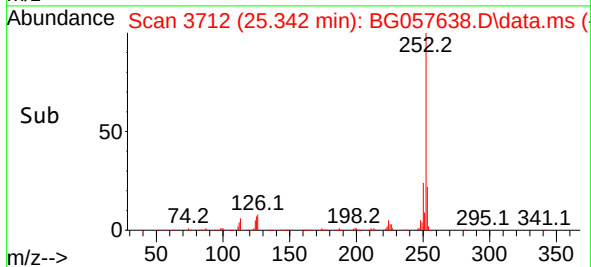
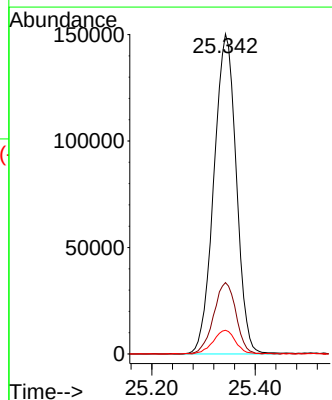
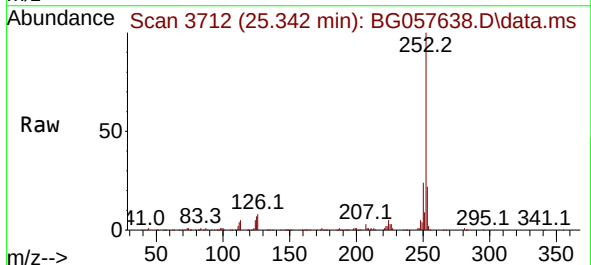
Tgt Ion:252 Resp: 451060

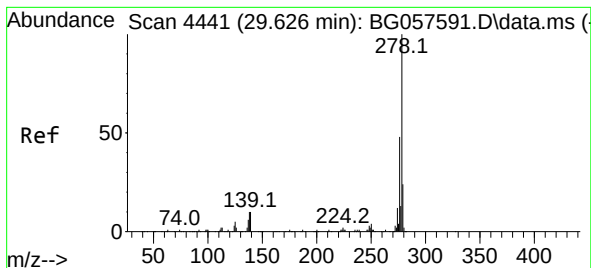
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 7.4 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 48.886 ng

RT: 29.607 min Scan# 4441

Delta R.T. 0.014 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Instrument :

BNA_G

ClientSampleId :

PB153188BS

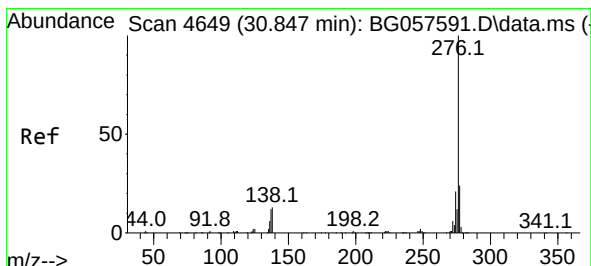
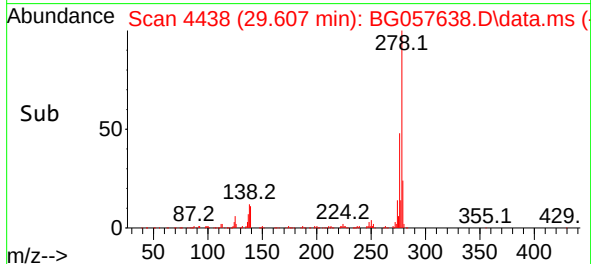
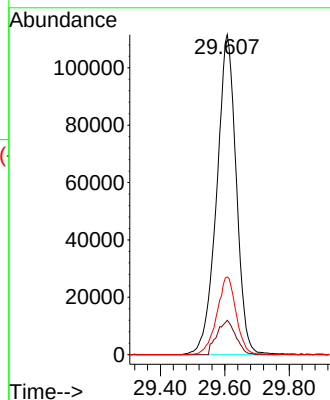
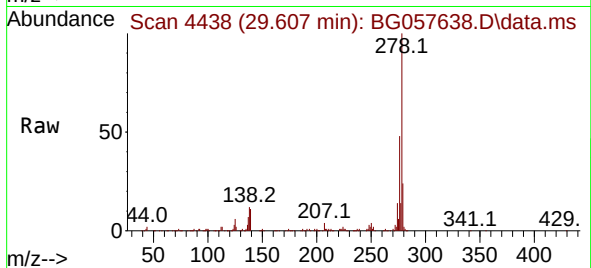
Tgt Ion:278 Resp: 470855

Ion Ratio Lower Upper

278 100

139 10.8 7.8 11.8

279 24.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.962 ng

RT: 30.835 min Scan# 4647

Delta R.T. 0.026 min

Lab File: BG057638.D

Acq: 6 Jun 2023 15:23

Tgt Ion:276 Resp: 459921

Ion Ratio Lower Upper

276 100

277 25.1 18.9 28.3

138 14.9 10.2 15.4

