

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057598.D
 Acq On : 27 May 2023 00:38
 Operator : CG/JU
 Sample : PB153080BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153080BS

Quant Time: May 27 02:31:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	16845	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	73654	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	62634	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	175468	20.000	ng	0.00
76) Chrysene-d12	22.019	240	157705	20.000	ng	0.00
86) Perylene-d12	25.520	264	171291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.865	112	156894	161.812	ng	0.00
7) Phenol-d6	7.498	99	239604	157.902	ng	0.00
23) Nitrobenzene-d5	9.530	82	146855	93.205	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	139954	139.565	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	382738	87.818	ng	0.00
79) Terphenyl-d14	20.274	244	865834	95.103	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.650	88	13750	34.227	ng	94
3) Pyridine	4.079	79	40952	33.344	ng	97
4) n-Nitrosodimethylamine	3.991	42	22549	45.377	ng	87
6) Aniline	7.662	93	71737	39.079	ng	97
8) 2-Chlorophenol	7.909	128	58184	55.895	ng	95
9) Benzaldehyde	7.474	77	36454	36.260	ng	95
10) Phenol	7.521	94	82487	57.434	ng	96
11) bis(2-Chloroethyl)ether	7.744	93	51853	48.352	ng	97
12) 1,3-Dichlorobenzene	8.232	146	55648	50.179	ng	99
13) 1,4-Dichlorobenzene	8.379	146	58434	51.792	ng	98
14) 1,2-Dichlorobenzene	8.708	146	55956	50.847	ng	99
15) Benzyl Alcohol	8.584	79	63043	54.009	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.866	45	65809	49.420	ng	95
17) 2-Methylphenol	8.790	107	56078	53.170	ng	97
18) Hexachloroethane	9.442	117	20358	52.697	ng	96
19) n-Nitroso-di-n-propyla...	9.148	70	50956	48.336	ng	99
20) 3+4-Methylphenols	9.119	107	78230	52.838	ng	100
22) Acetophenone	9.178	105	94481	47.972	ng	# 94
24) Nitrobenzene	9.571	77	74325	46.471	ng	98
25) Isophorone	10.088	82	143375	46.296	ng	99
26) 2-Nitrophenol	10.288	139	33821	49.319	ng	98
27) 2,4-Dimethylphenol	10.335	122	63900	53.897	ng	98
28) bis(2-Chloroethoxy)met...	10.564	93	76435	47.597	ng	98
29) 2,4-Dichlorophenol	10.834	162	66718	53.579	ng	98
30) 1,2,4-Trichlorobenzene	11.046	180	65239	48.072	ng	98
31) Naphthalene	11.234	128	183934	47.208	ng	98
32) Benzoic acid	10.494	122	31714	46.175	ng	88
33) 4-Chloroaniline	11.345	127	53606	29.918	ng	96
34) Hexachlorobutadiene	11.504	225	43254	46.080	ng	96
35) Caprolactam	12.121	113	13719	26.576	ng	96
36) 4-Chloro-3-methylphenol	12.444	107	78705	53.397	ng	96
37) 2-Methylnaphthalene	12.820	142	141863	46.391	ng	99
38) 1-Methylnaphthalene	13.031	142	133270	45.669	ng	98
40) 1,2,4,5-Tetrachloroben...	13.178	216	93331	45.398	ng	99
41) Hexachlorocyclopentadiene	13.149	237	60580	100.203	ng	97
43) 2,4,6-Trichlorophenol	13.419	196	62787	48.511	ng	98

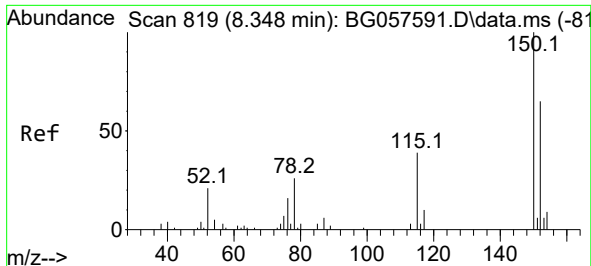
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
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 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	71513	46.392	ng	95
46) 1,1'-Biphenyl	13.801	154	207637	46.383	ng	98
47) 2-Chloronaphthalene	13.854	162	155513	46.121	ng	97
48) 2-Nitroaniline	14.059	65	56064	47.468	ng	96
49) Acenaphthylene	14.694	152	259886	45.516	ng	99
50) Dimethylphthalate	14.406	163	232280	44.996	ng	100
51) 2,6-Dinitrotoluene	14.541	165	53591	48.497	ng	97
52) Acenaphthene	15.029	154	158845	45.465	ng	97
53) 3-Nitroaniline	14.876	138	34079	29.567	ng	91
54) 2,4-Dinitrophenol	15.093	184	64525	95.280	ng	96
55) Dibenzofuran	15.363	168	270104	45.245	ng	99
56) 4-Nitrophenol	15.187	139	77270	100.620	ng	96
57) 2,4-Dinitrotoluene	15.328	165	79859	48.266	ng	# 95
58) Fluorene	16.010	166	231582	45.944	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.593	232	69915	48.413	ng	99
60) Diethylphthalate	15.751	149	247828	45.996	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	128437	45.722	ng	98
62) 4-Nitroaniline	16.039	138	54779	44.059	ng	97
63) Azobenzene	16.280	77	223484	46.639	ng	100
65) 4,6-Dinitro-2-methylph...	16.098	198	52066	48.733	ng	95
66) n-Nitrosodiphenylamine	16.204	169	210033	46.053	ng	99
67) 4-Bromophenyl-phenylether	16.879	248	89854	45.651	ng	98
68) Hexachlorobenzene	17.014	284	98507	48.552	ng	97
69) Atrazine	17.138	200	97715	49.904	ng	99
70) Pentachlorophenol	17.361	266	93423	90.368	ng	100
71) Phenanthrene	17.754	178	418339	46.589	ng	98
72) Anthracene	17.843	178	423464	45.971	ng	99
73) Carbazole	18.107	167	380349	46.156	ng	98
74) Di-n-butylphthalate	18.624	149	432301	44.191	ng	99
75) Fluoranthene	19.740	202	515478	44.220	ng	98
77) Benzidine	19.910	184	258439	54.155	ng	99
78) Pyrene	20.104	202	522375	46.520	ng	98
80) Butylbenzylphthalate	20.950	149	189891	46.434	ng	100
81) Benzo(a)anthracene	21.996	228	514634	47.037	ng	97
82) 3,3'-Dichlorobenzidine	21.896	252	131770	32.659	ng	98
83) Chrysene	22.072	228	469792	45.437	ng	99
84) Bis(2-ethylhexyl)phtha...	21.837	149	270560	46.381	ng	98
85) Di-n-octyl phthalate	23.129	149	456669	47.229	ng	99
87) Indeno(1,2,3-cd)pyrene	29.585	276	573236	48.000	ng	99
88) Benzo(b)fluoranthene	24.398	252	530862	50.350	ng	99
89) Benzo(k)fluoranthene	24.475	252	498212	46.821	ng	98
90) Benzo(a)pyrene	25.356	252	458983	44.639	ng	100
91) Dibenzo(a,h)anthracene	29.632	278	482125	48.508	ng	98
92) Benzo(g,h,i)perylene	30.854	276	466248	48.100	ng	100

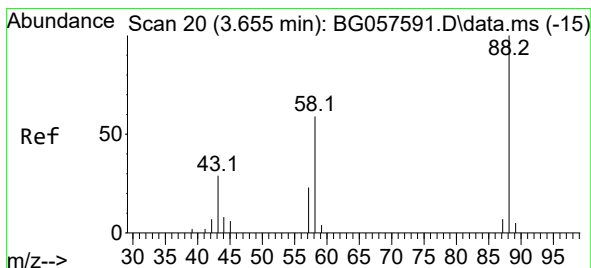
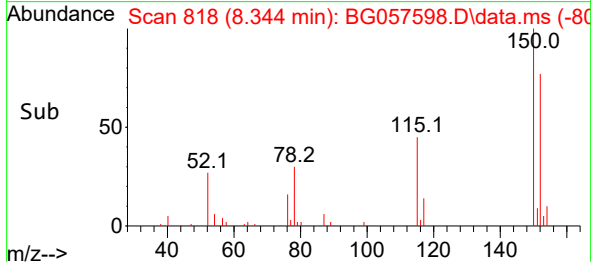
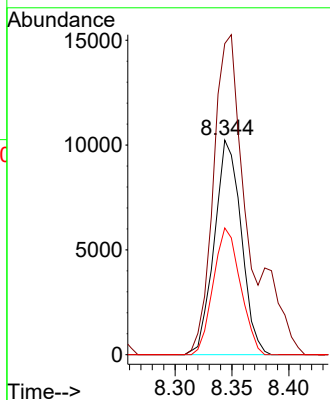
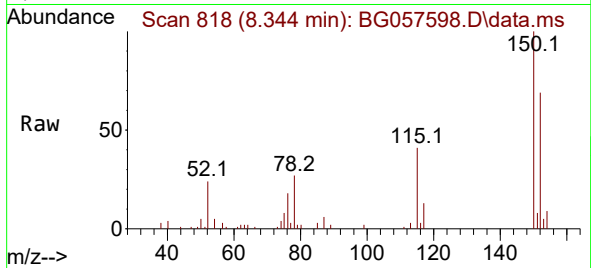
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057598.D
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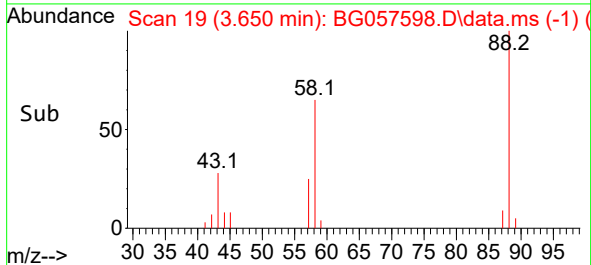
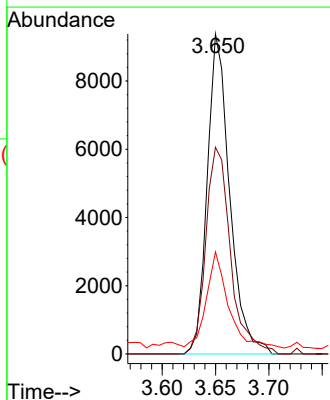
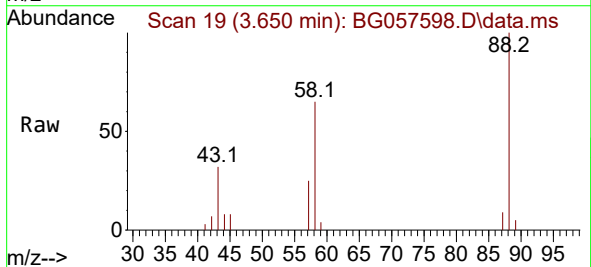
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BNA_G
ClientSampleId :
PB153080BS

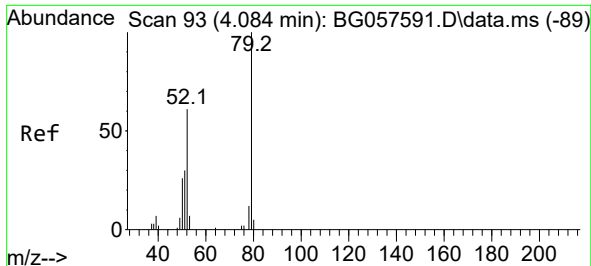
Tgt Ion:152 Resp: 16845
Ion Ratio Lower Upper
152 100
150 144.9 123.0 184.4
115 59.0 47.4 71.2



#2
1,4-Dioxane
Concen: 34.227 ng
RT: 3.650 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion: 88 Resp: 13750
Ion Ratio Lower Upper
88 100
58 71.1 52.6 79.0
43 29.4 22.1 33.1

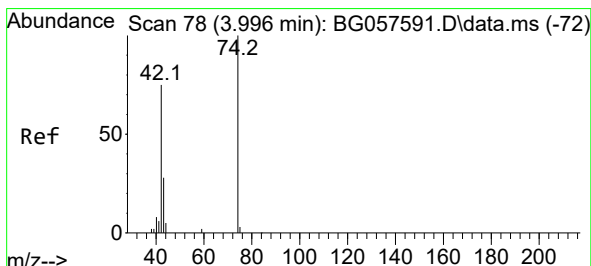
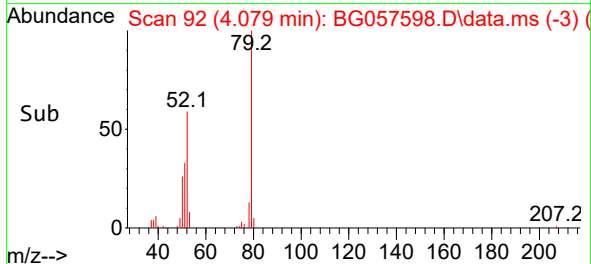
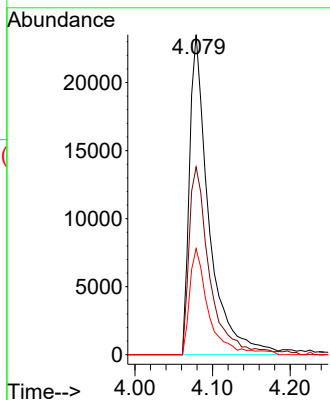
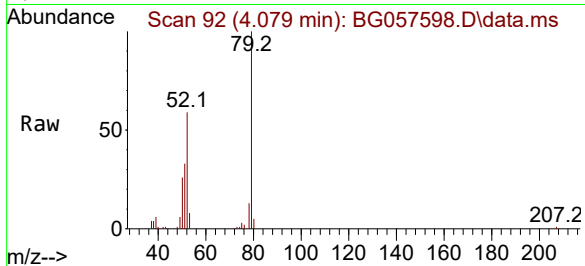




#3
 Pyridine
 Concen: 33.344 ng
 RT: 4.079 min Scan# 91
 Delta R.T. -0.005 min
 Lab File: BG057598.D
 Acq: 27 May 2023 00:38

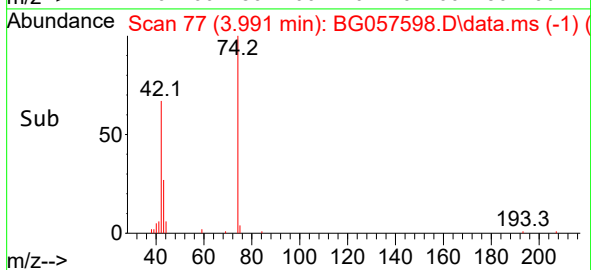
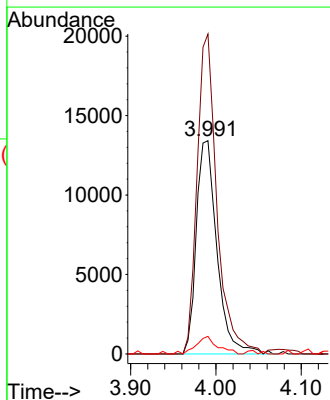
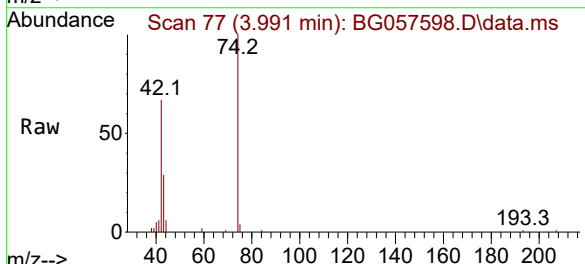
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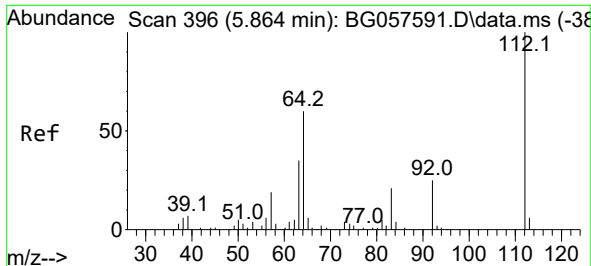
Tgt Ion: 79 Resp: 40952
 Ion Ratio Lower Upper
 79 100
 52 58.6 48.4 72.6
 51 33.2 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 45.377 ng
 RT: 3.991 min Scan# 77
 Delta R.T. -0.005 min
 Lab File: BG057598.D
 Acq: 27 May 2023 00:38

Tgt Ion: 42 Resp: 22549
 Ion Ratio Lower Upper
 42 100
 74 150.1 107.3 160.9
 44 8.3 6.1 9.1

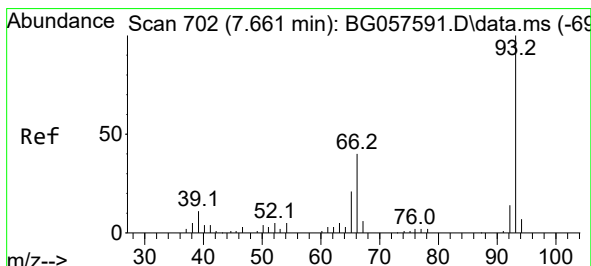
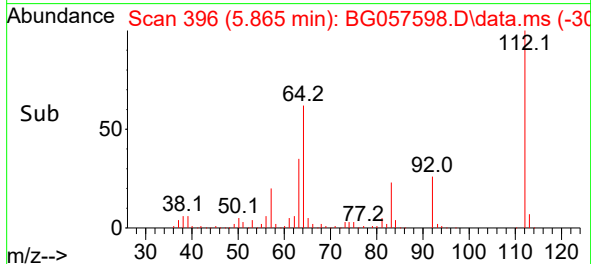
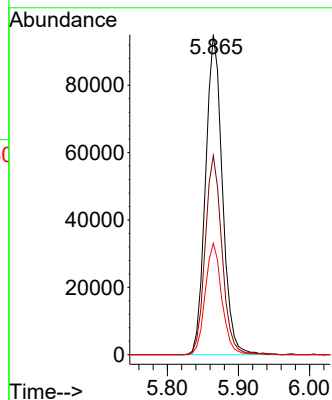
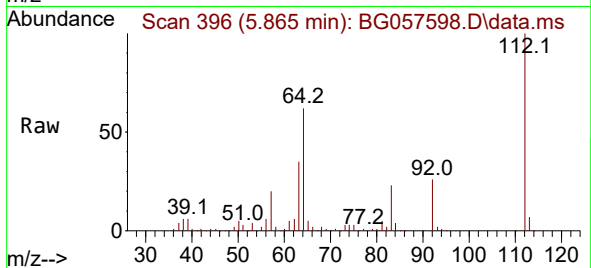




#5
2-Fluorophenol
Concen: 161.812 ng
RT: 5.865 min Scan# 396
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

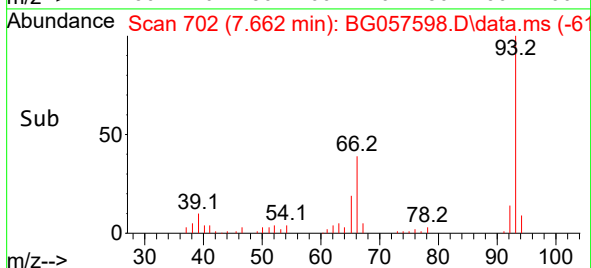
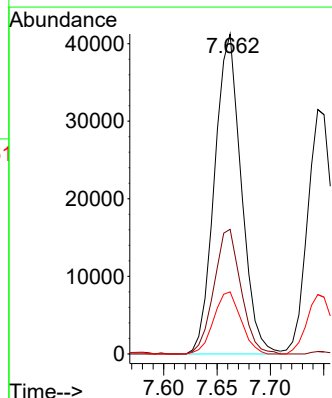
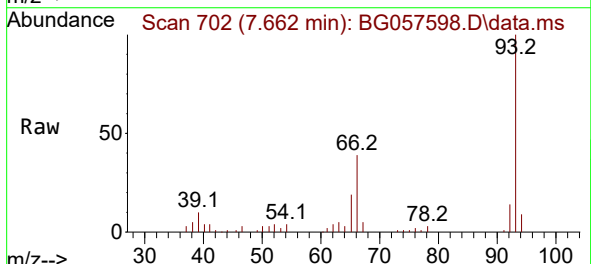
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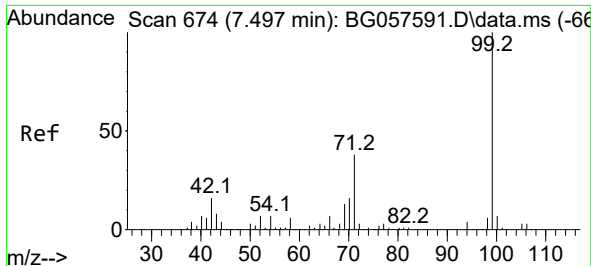
Tgt Ion:112 Resp: 156894
Ion Ratio Lower Upper
112 100
64 62.2 47.8 71.6
63 34.8 27.8 41.8



#6
Aniline
Concen: 39.079 ng
RT: 7.662 min Scan# 702
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion: 93 Resp: 71737
Ion Ratio Lower Upper
93 100
66 38.9 32.2 48.4
65 19.4 16.7 25.1

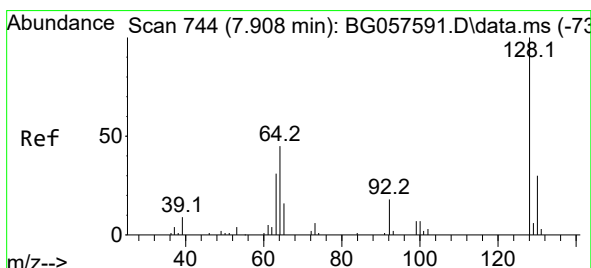
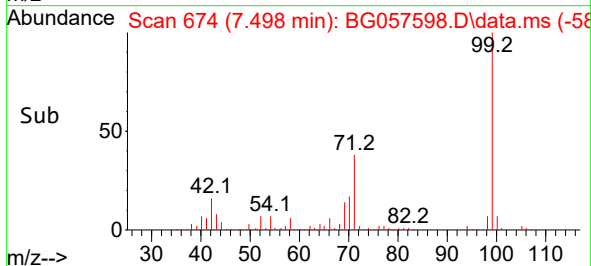
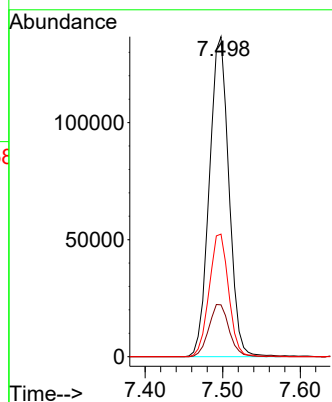
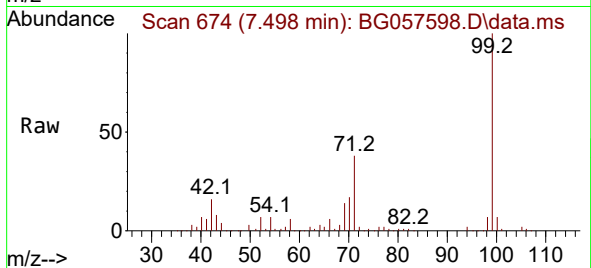




#7
Phenol-d6
Concen: 157.902 ng
RT: 7.498 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

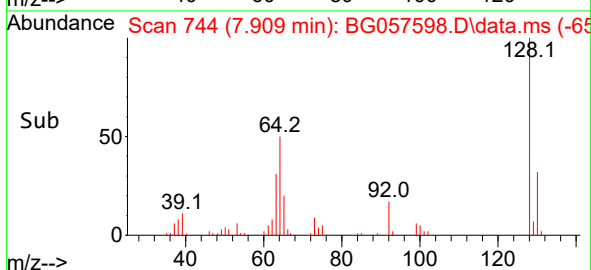
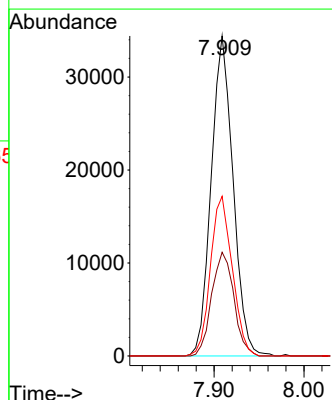
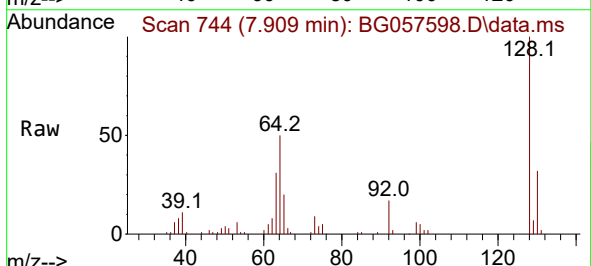
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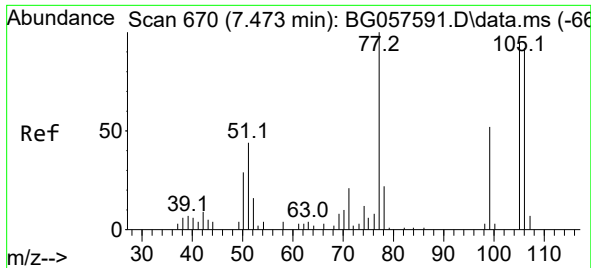
Tgt Ion: 99 Resp: 239604
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 38.3 30.3 45.5



#8
2-Chlorophenol
Concen: 55.895 ng
RT: 7.909 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:128 Resp: 58184
Ion Ratio Lower Upper
128 100
130 32.4 10.5 50.5
64 49.9 33.8 73.8

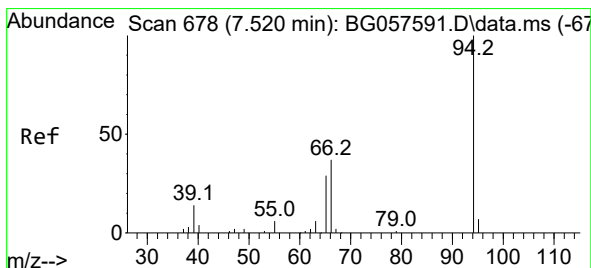
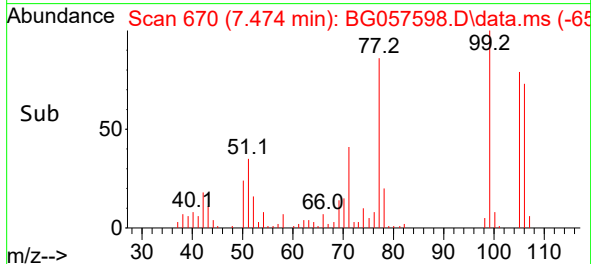
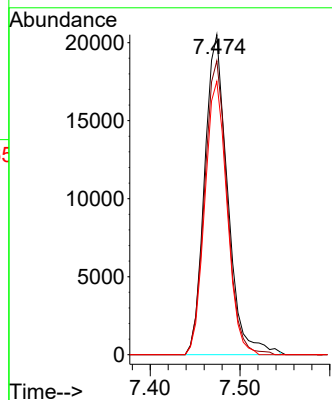
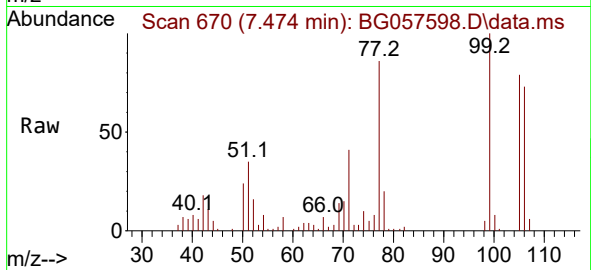




#9
Benzaldehyde
Concen: 36.260 ng
RT: 7.474 min Scan# 670
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

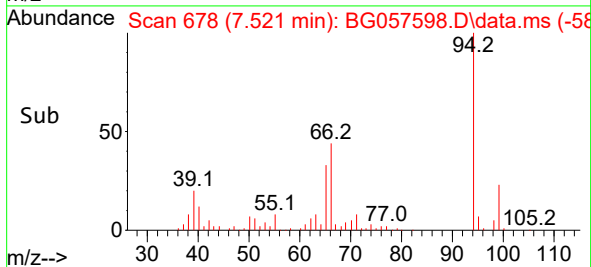
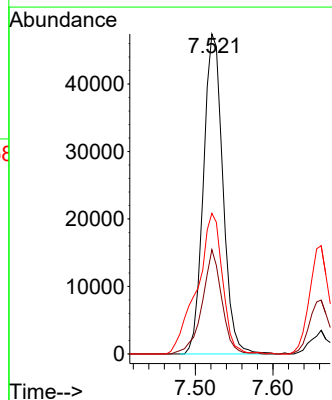
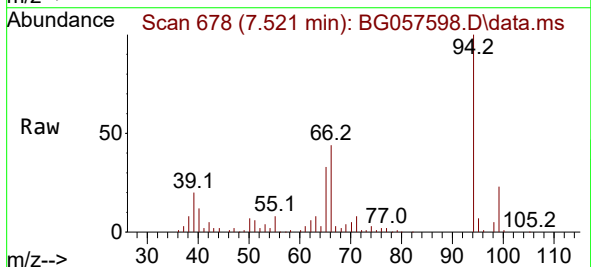
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BNA_G
ClientSampleId :
PB153080BS

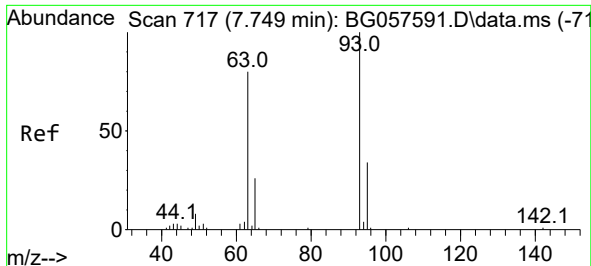
Tgt Ion: 77 Resp: 36454
Ion Ratio Lower Upper
77 100
105 91.8 75.0 115.0
106 85.4 72.5 112.5



#10
Phenol
Concen: 57.434 ng
RT: 7.521 min Scan# 678
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion: 94 Resp: 82487
Ion Ratio Lower Upper
94 100
65 32.6 9.6 49.6
66 44.0 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 48.352 ng

RT: 7.744 min Scan# 717

Delta R.T. -0.005 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

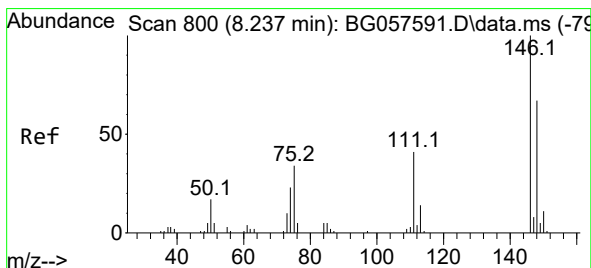
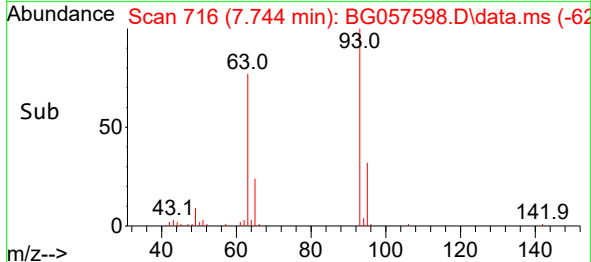
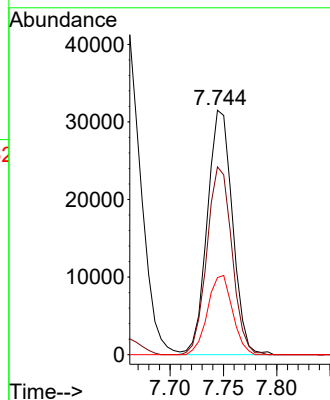
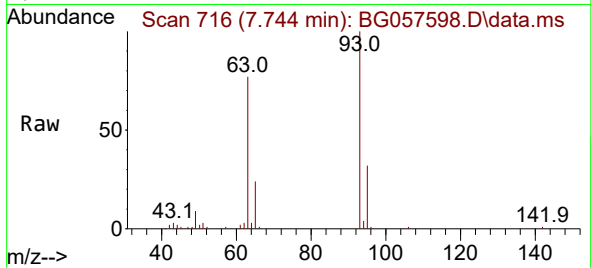
Tgt Ion: 93 Resp: 51853

Ion Ratio Lower Upper

93 100

63 76.8 59.3 99.3

95 31.6 14.1 54.1



#12

1,3-Dichlorobenzene

Concen: 50.179 ng

RT: 8.232 min Scan# 799

Delta R.T. -0.005 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

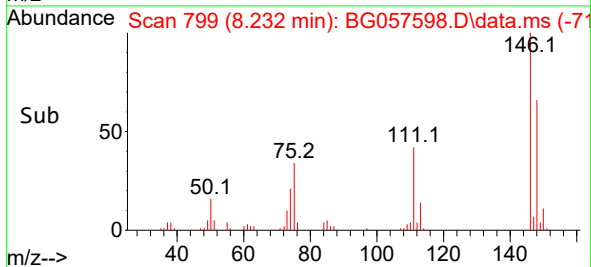
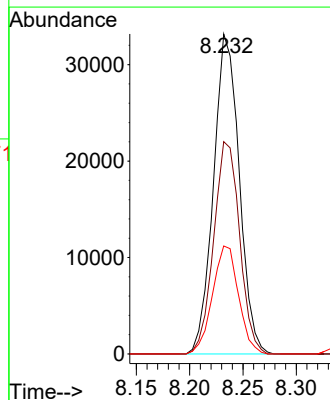
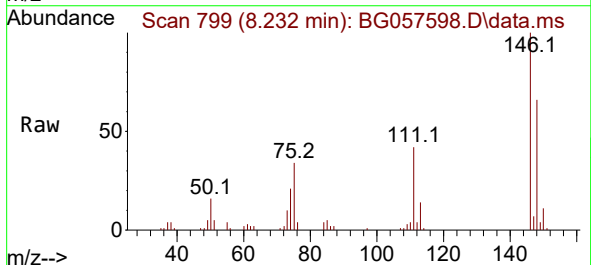
Tgt Ion:146 Resp: 55648

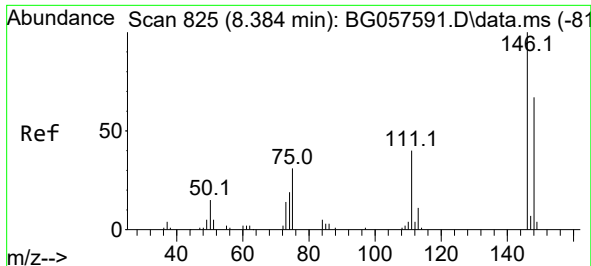
Ion Ratio Lower Upper

146 100

148 66.4 53.4 80.0

75 33.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 51.792 ng

RT: 8.379 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

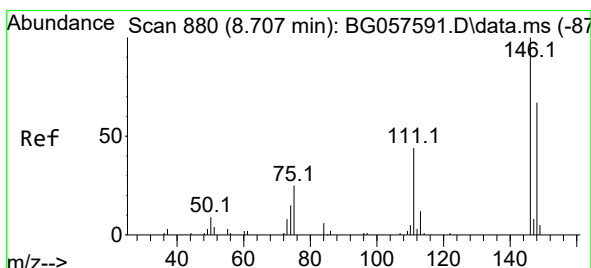
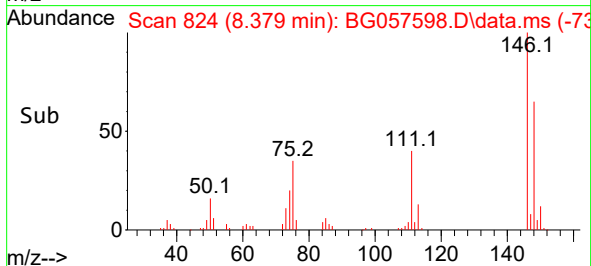
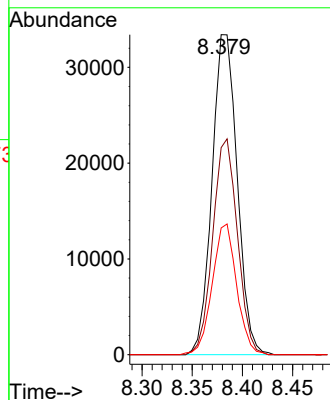
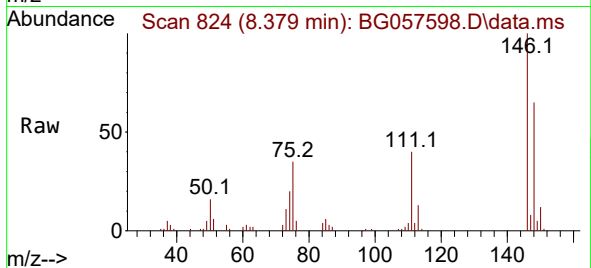
Tgt Ion:146 Resp: 58434

Ion Ratio Lower Upper

146 100

148 64.7 53.8 80.6

111 39.6 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 50.847 ng

RT: 8.708 min Scan# 880

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

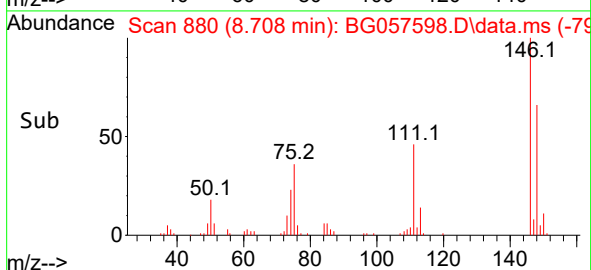
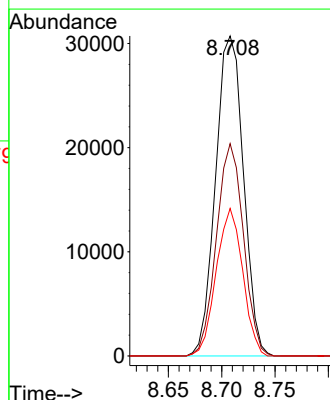
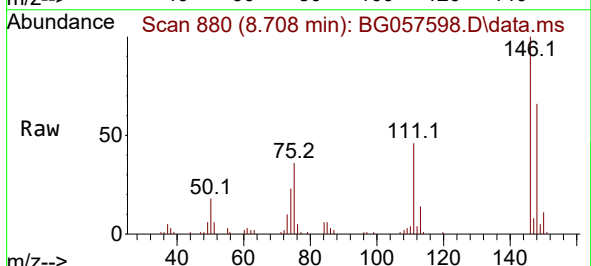
Tgt Ion:146 Resp: 55956

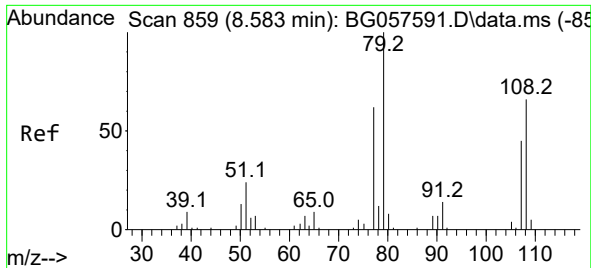
Ion Ratio Lower Upper

146 100

148 66.4 53.5 80.3

111 46.1 36.6 54.8



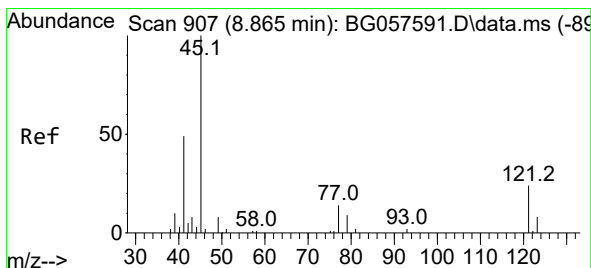
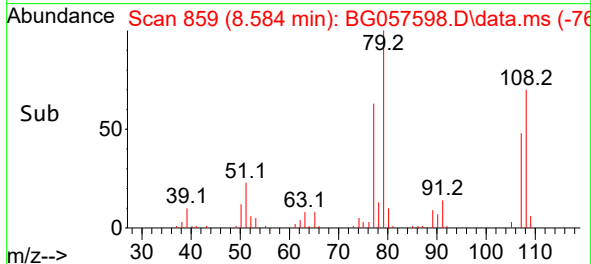
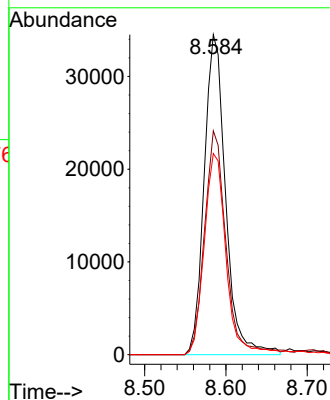
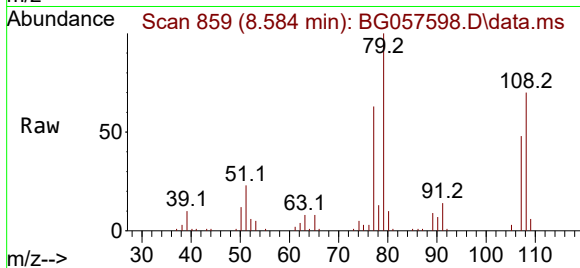


#15
Benzyl Alcohol
Concen: 54.009 ng
RT: 8.584 min Scan# 859
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Instrument :
BNA_G
ClientSampleId :
PB153080BS

Tgt Ion: 79 Resp: 63043

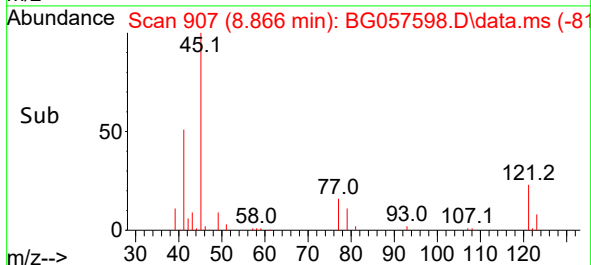
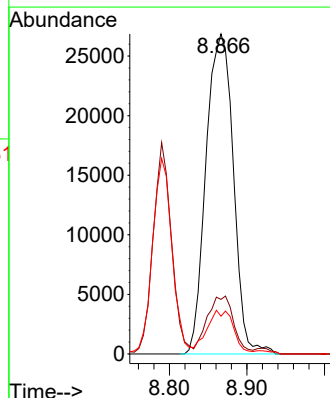
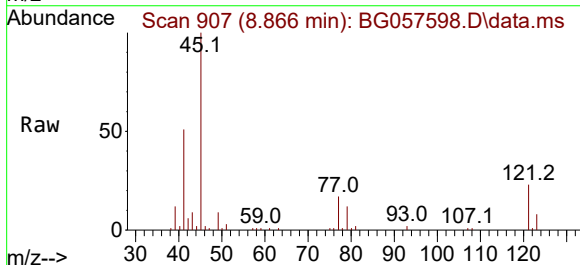
Ion	Ratio	Lower	Upper
79	100		
108	70.0	52.6	78.8
77	62.8	49.7	74.5

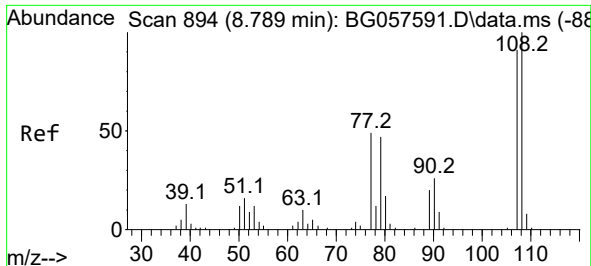


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.420 ng
RT: 8.866 min Scan# 907
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion: 45 Resp: 65809

Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	39.2
79	11.8	0.0	34.2

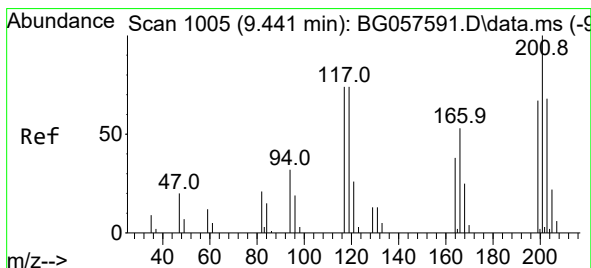
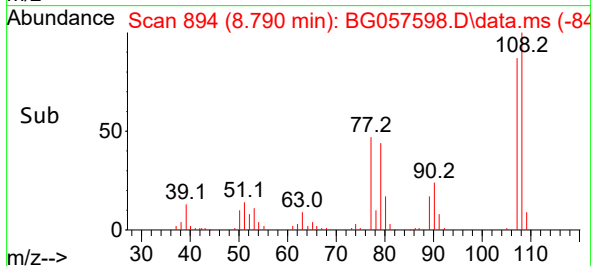
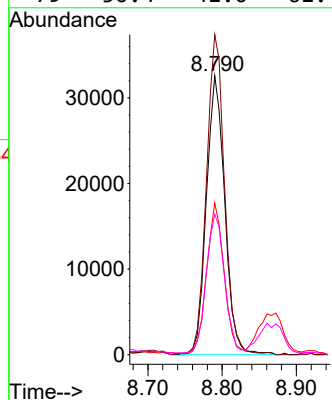
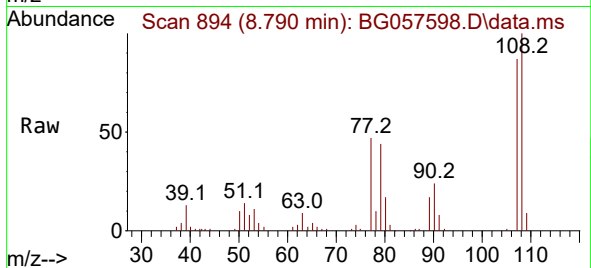




#17
2-Methylphenol
Concen: 53.170 ng
RT: 8.790 min Scan# 894
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

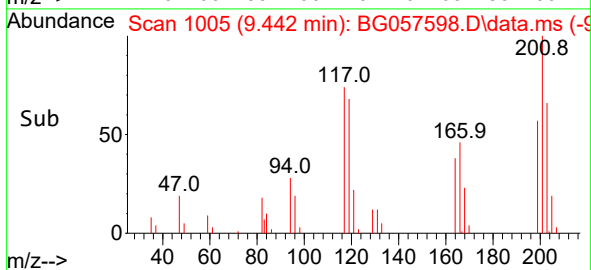
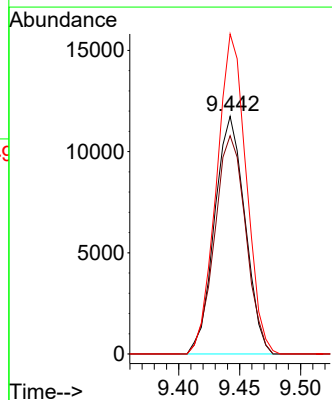
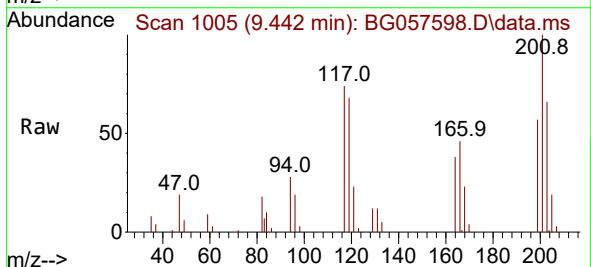
Instrument :
BNA_G
ClientSampleId :
PB153080BS

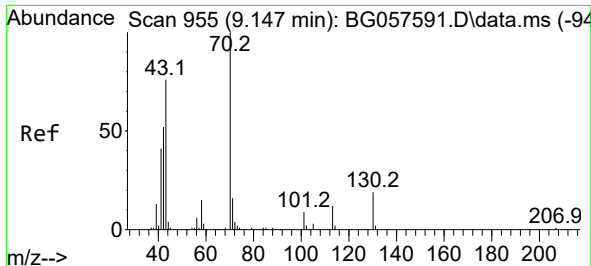
Tgt Ion:	107	Resp:	56078
Ion	Ratio	Lower	Upper
107	100		
108	114.7	87.7	131.5
77	54.4	43.0	64.6
79	50.4	41.0	61.4



#18
Hexachloroethane
Concen: 52.697 ng
RT: 9.442 min Scan# 1005
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:	117	Resp:	20358
Ion	Ratio	Lower	Upper
117	100		
119	91.8	80.6	121.0
201	134.7	108.8	163.2

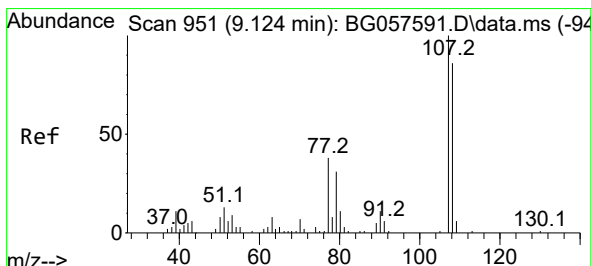
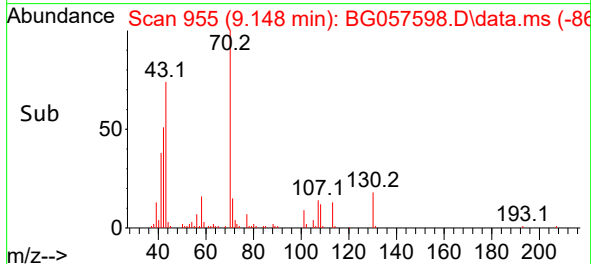
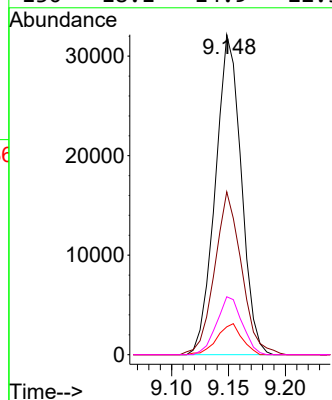
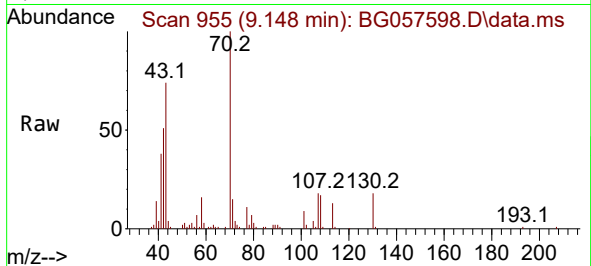




#19
n-Nitroso-di-n-propylamine
Concen: 48.336 ng
RT: 9.148 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

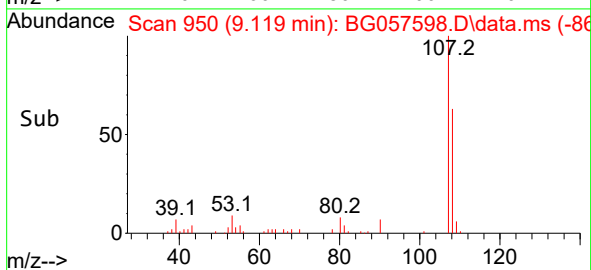
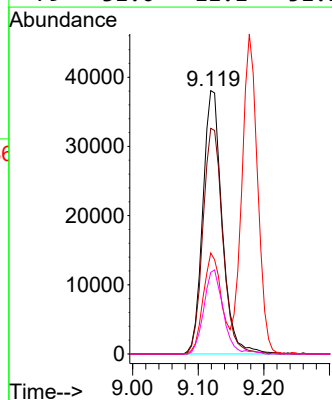
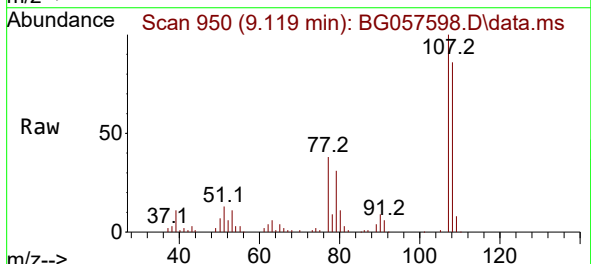
Instrument :
BNA_G
ClientSampleId :
PB153080BS

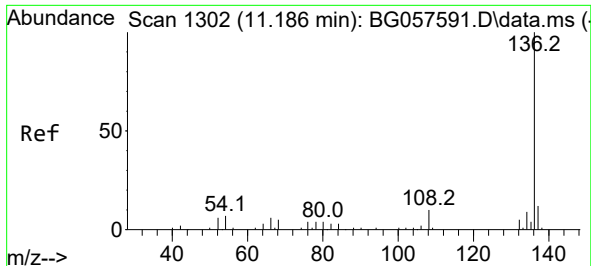
Tgt Ion:	70	Resp:	50956
Ion	Ratio	Lower	Upper
70	100		
42	50.9	41.4	62.0
101	8.7	6.9	10.3
130	18.1	14.9	22.3



#20
3+4-Methylphenols
Concen: 52.838 ng
RT: 9.119 min Scan# 950
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:	107	Resp:	78230
Ion	Ratio	Lower	Upper
107	100		
108	85.7	65.6	105.6
77	38.3	18.0	58.0
79	31.0	11.1	51.1

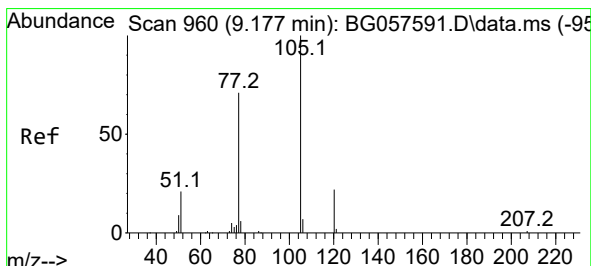
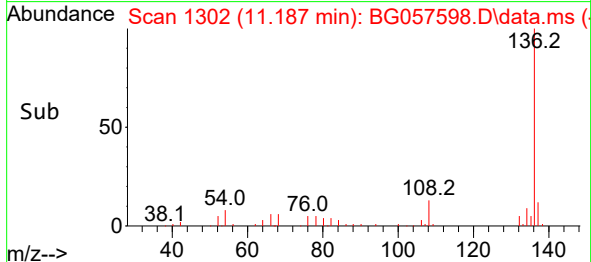
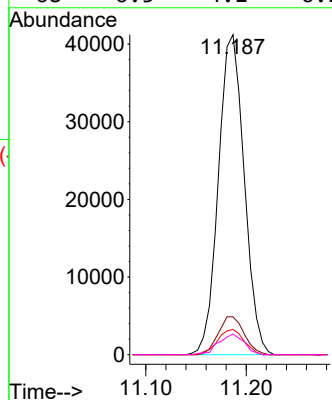
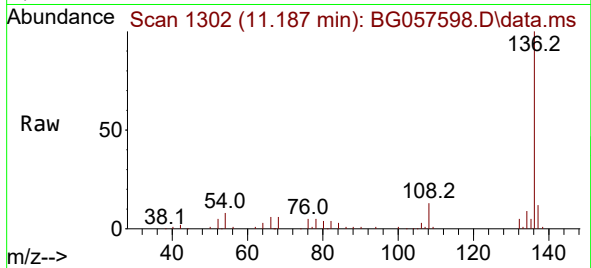




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

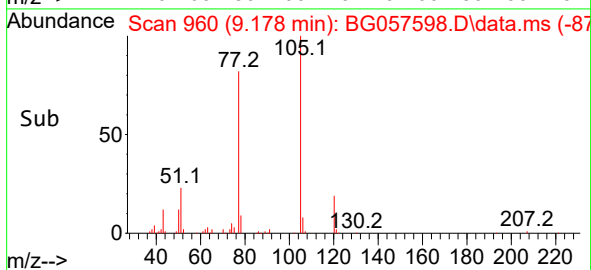
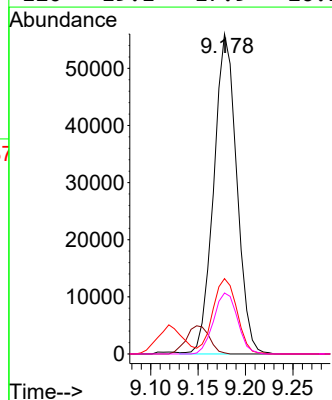
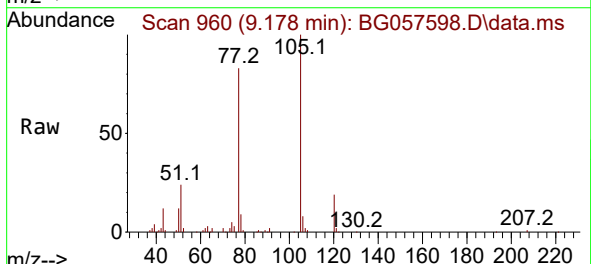
Instrument :
BNA_G
ClientSampleId :
PB153080BS

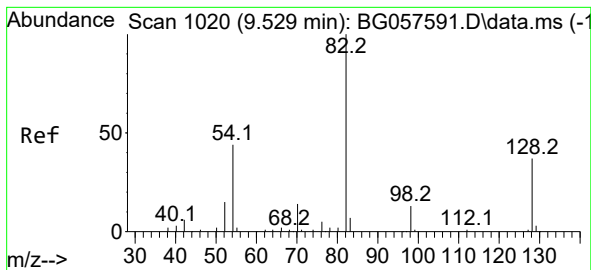
Tgt Ion:136 Resp: 73654
Ion Ratio Lower Upper
136 100
137 11.8 9.8 14.8
54 7.9 5.8 8.6
68 6.5 4.1 6.1#



#22
Acetophenone
Concen: 47.972 ng
RT: 9.178 min Scan# 960
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:105 Resp: 94481
Ion Ratio Lower Upper
105 100
71 0.4 0.0 0.0#
51 23.5 20.7 31.1
120 19.1 17.9 26.9





#23

Nitrobenzene-d5

Concen: 93.205 ng

RT: 9.530 min Scan# 1020

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

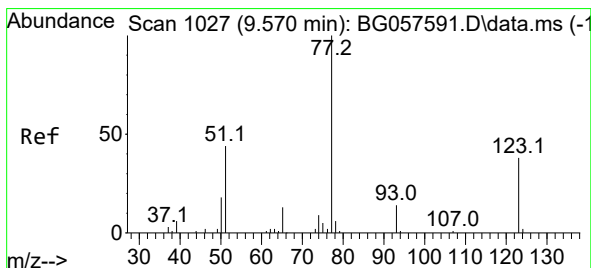
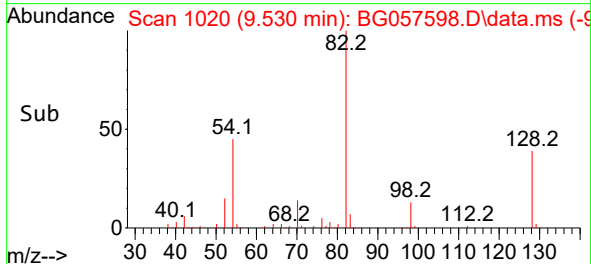
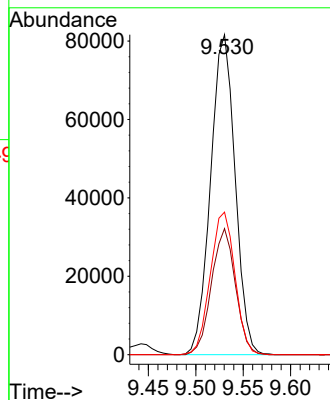
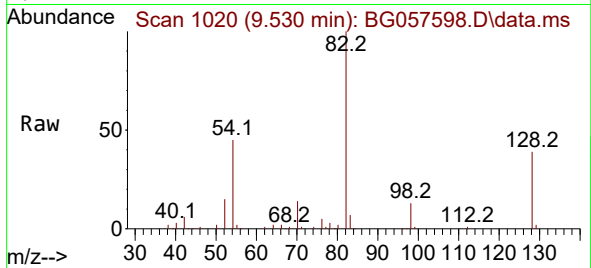
Tgt Ion: 82 Resp: 146855

Ion Ratio Lower Upper

82 100

128 39.4 30.0 45.0

54 44.5 35.2 52.8



#24

Nitrobenzene

Concen: 46.471 ng

RT: 9.571 min Scan# 1027

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

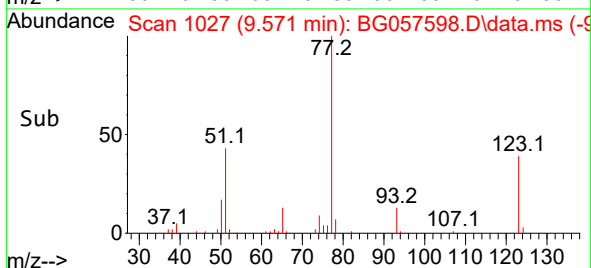
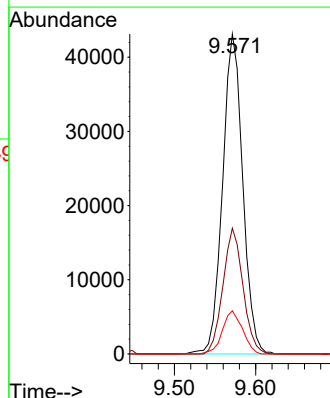
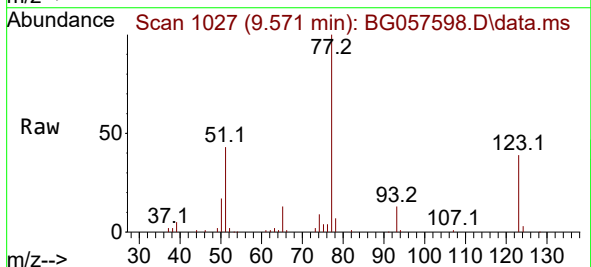
Tgt Ion: 77 Resp: 74325

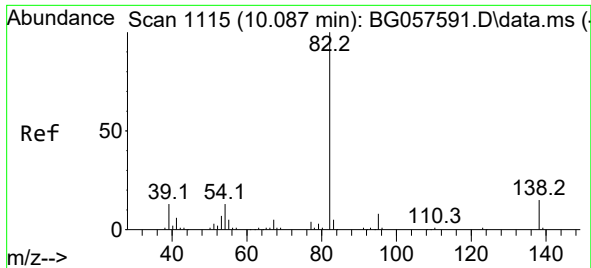
Ion Ratio Lower Upper

77 100

123 39.3 30.6 46.0

65 13.5 10.2 15.4

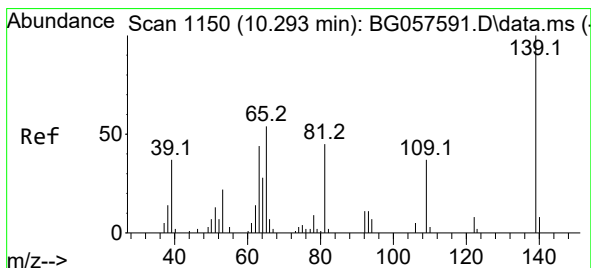
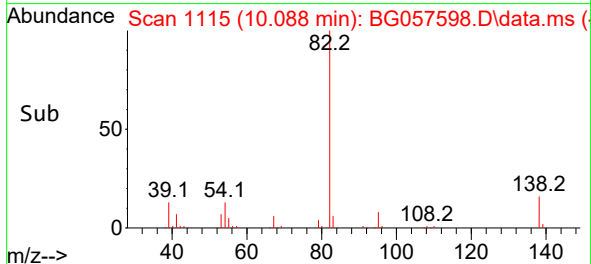
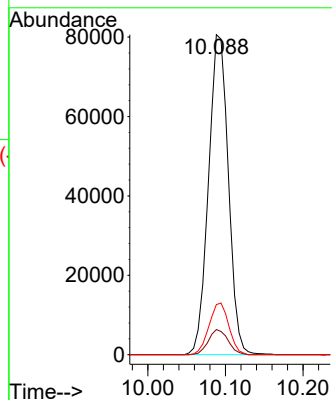
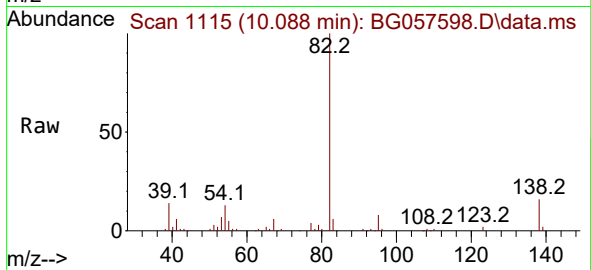




#25
Isophorone
Concen: 46.296 ng
RT: 10.088 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

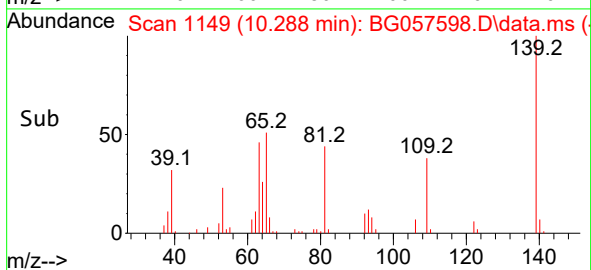
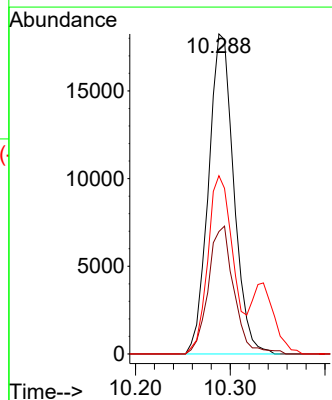
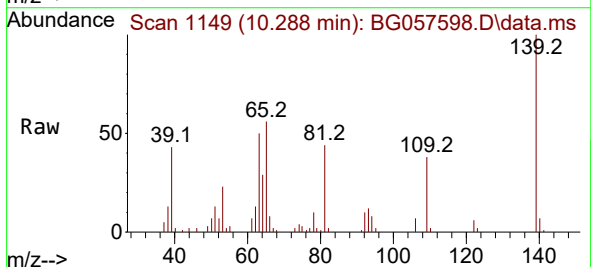
Instrument :
BNA_G
ClientSampleId :
PB153080BS

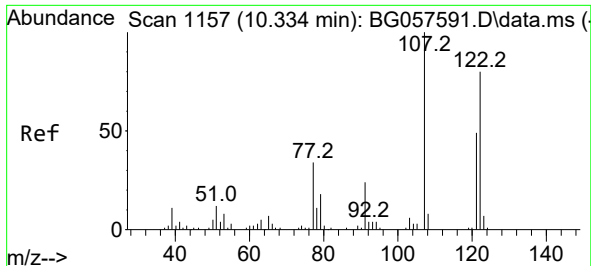
Tgt Ion: 82 Resp: 143375
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 15.6 12.0 18.0



#26
2-Nitrophenol
Concen: 49.319 ng
RT: 10.288 min Scan# 1149
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:139 Resp: 33821
Ion Ratio Lower Upper
139 100
109 38.3 29.5 44.3
65 55.7 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 53.897 ng

RT: 10.335 min Scan# 1157

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

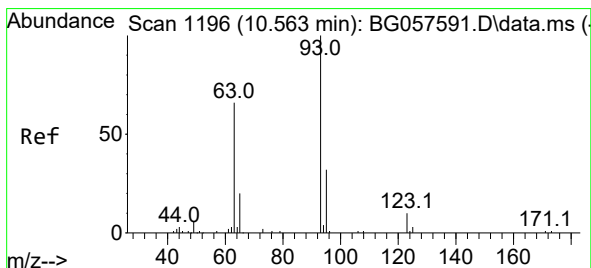
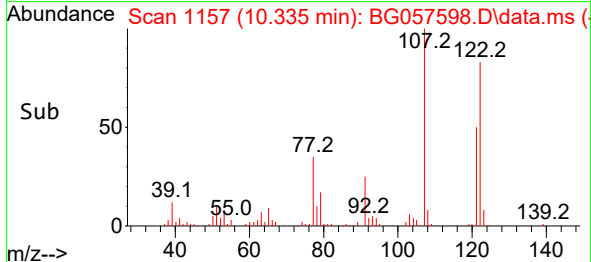
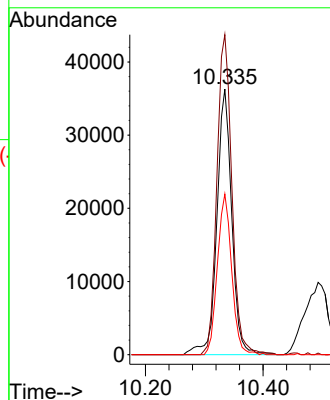
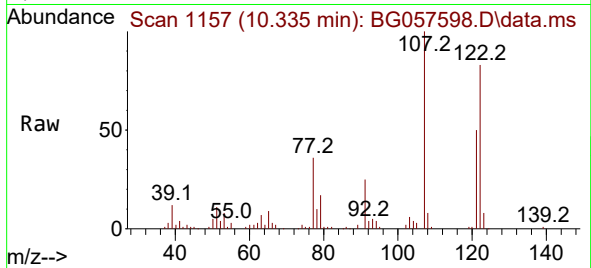
Tgt Ion:122 Resp: 63900

Ion Ratio Lower Upper

122 100

107 120.5 99.4 149.2

121 60.5 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.597 ng

RT: 10.564 min Scan# 1196

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

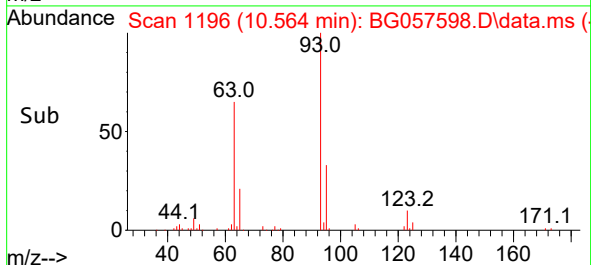
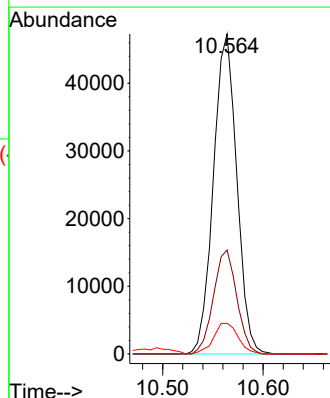
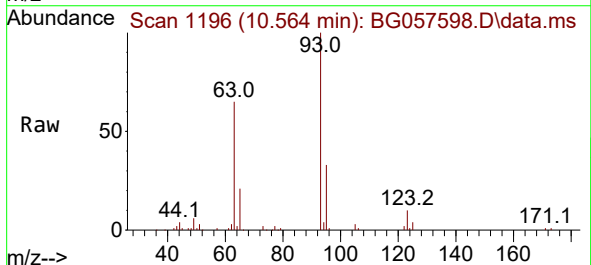
Tgt Ion: 93 Resp: 76435

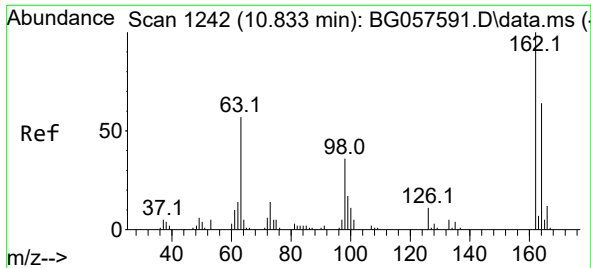
Ion Ratio Lower Upper

93 100

95 32.5 25.3 37.9

123 9.5 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 53.579 ng

RT: 10.834 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

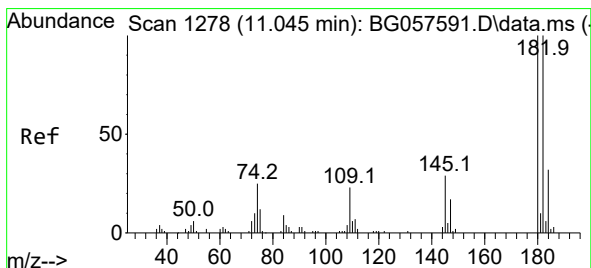
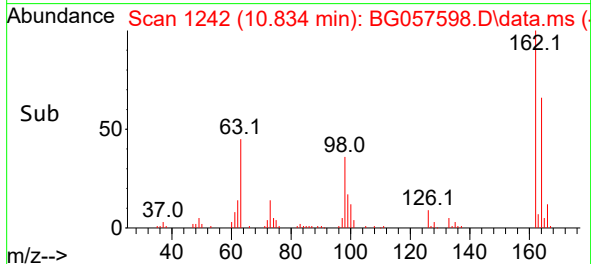
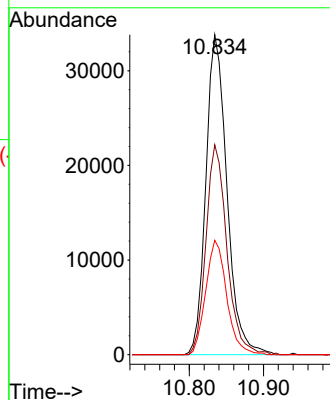
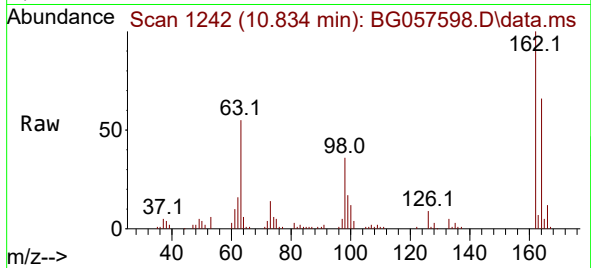
Tgt Ion:162 Resp: 66718

Ion Ratio Lower Upper

162 100

164 65.6 44.1 84.1

98 35.7 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 48.072 ng

RT: 11.046 min Scan# 1278

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

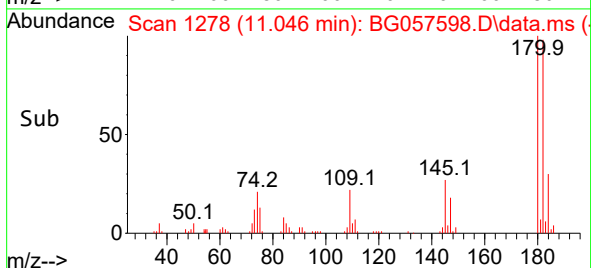
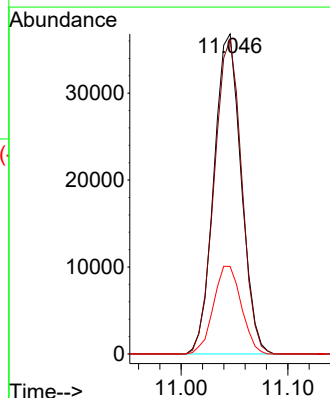
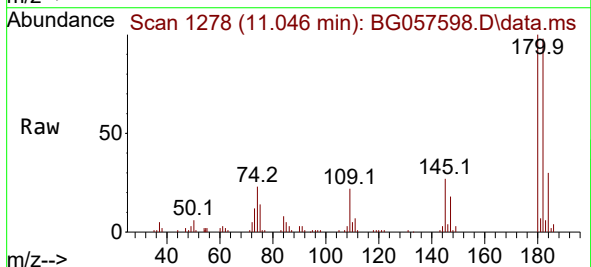
Tgt Ion:180 Resp: 65239

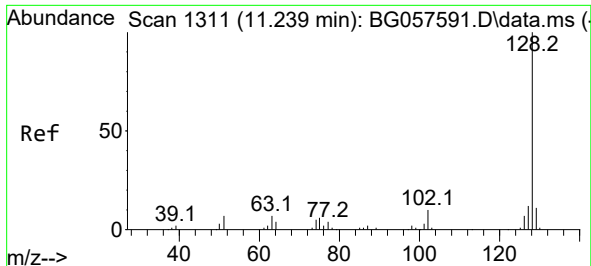
Ion Ratio Lower Upper

180 100

182 98.3 80.2 120.2

145 27.4 23.1 34.7

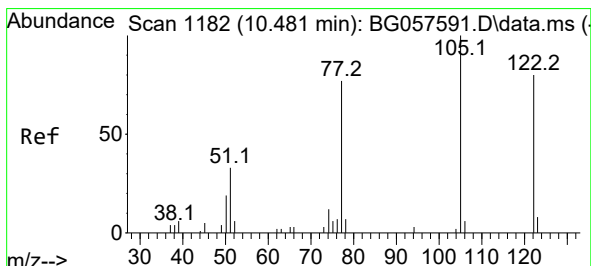
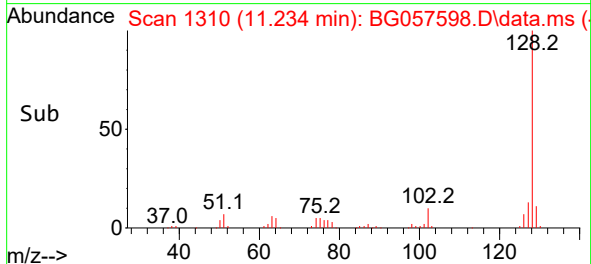
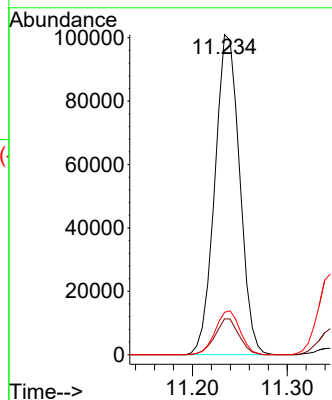
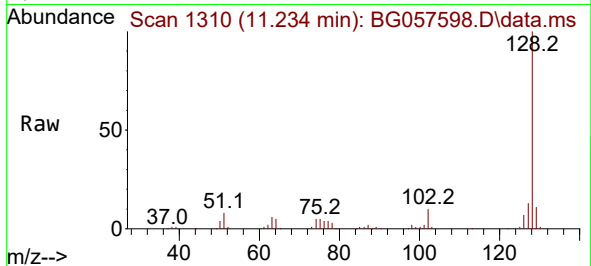




#31
Naphthalene
Concen: 47.208 ng
RT: 11.234 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

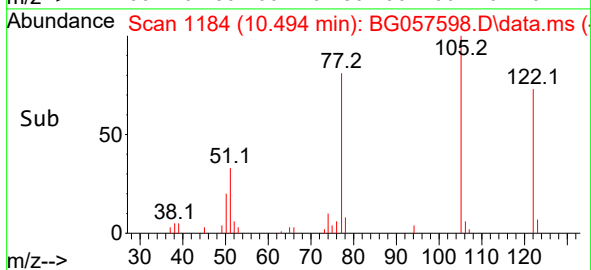
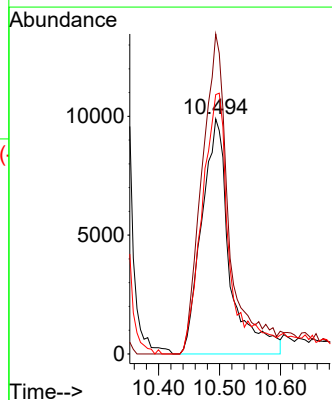
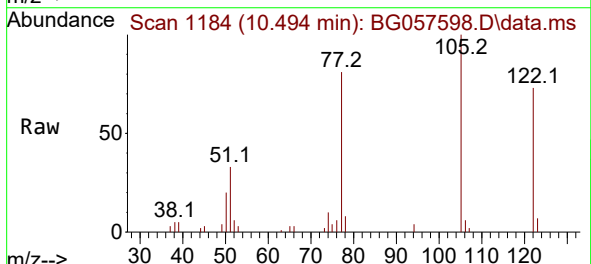
Instrument :
BNA_G
ClientSampleId :
PB153080BS

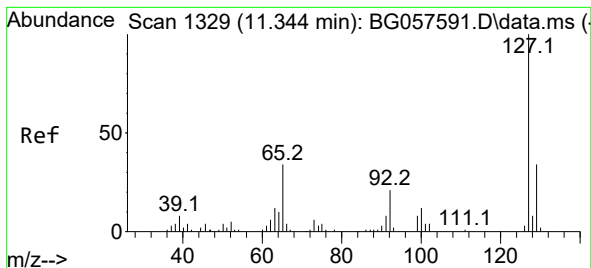
Tgt Ion:128 Resp: 183934
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 9.8 14.8



#32
Benzoic acid
Concen: 46.175 ng
RT: 10.494 min Scan# 1184
Delta R.T. 0.013 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:122 Resp: 31714
Ion Ratio Lower Upper
122 100
105 136.1 104.8 144.8
77 110.4 75.8 115.8





#33

4-Chloroaniline

Concen: 29.918 ng

RT: 11.345 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

Tgt Ion:127 Resp: 53606

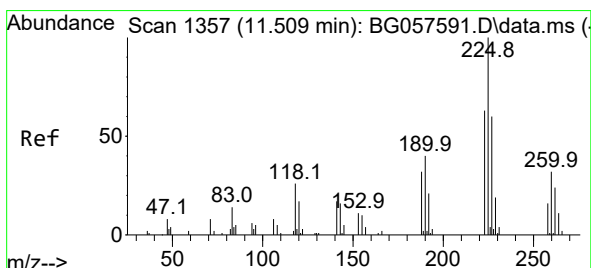
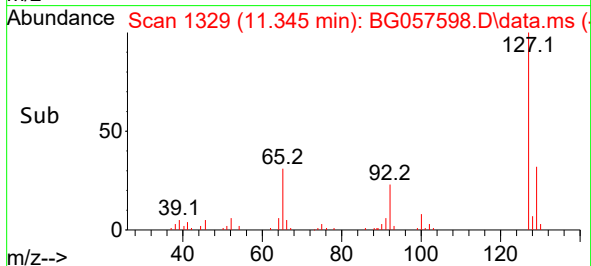
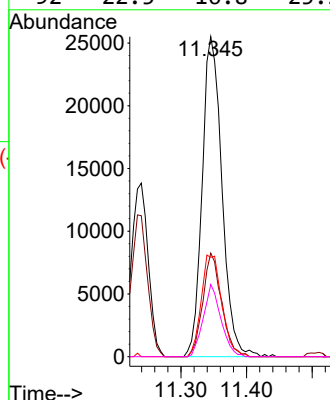
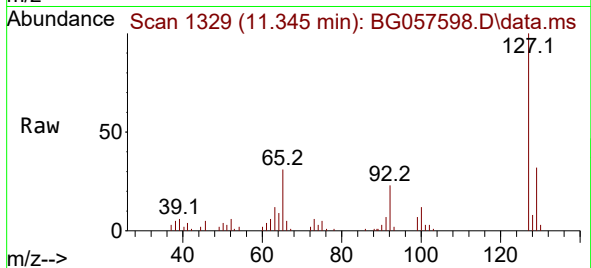
Ion Ratio Lower Upper

127 100

129 32.3 26.9 40.3

65 31.1 27.3 40.9

92 22.5 16.8 25.2



#34

Hexachlorobutadiene

Concen: 46.080 ng

RT: 11.504 min Scan# 1356

Delta R.T. -0.005 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

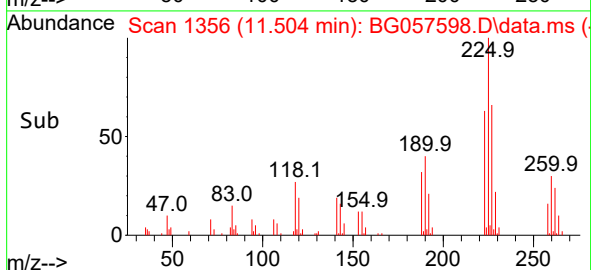
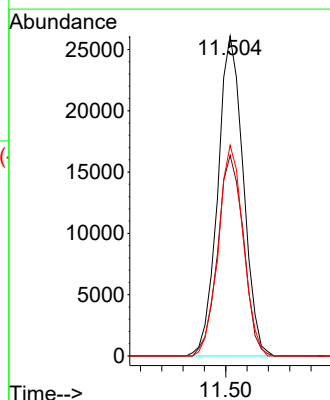
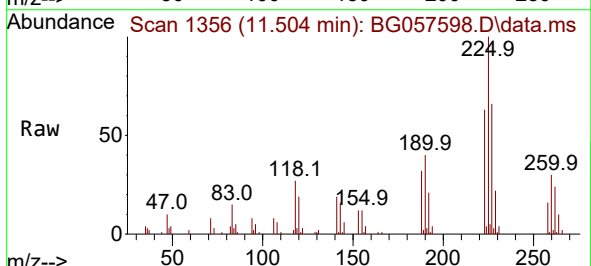
Tgt Ion:225 Resp: 43254

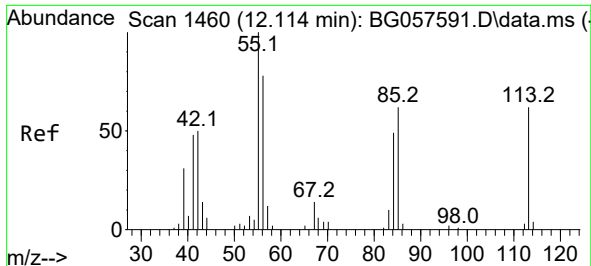
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 65.8 47.9 71.9

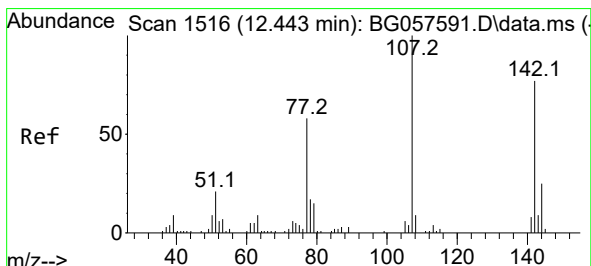
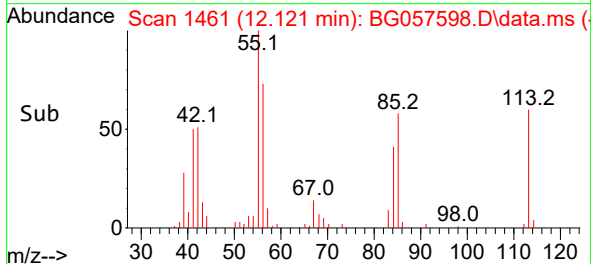
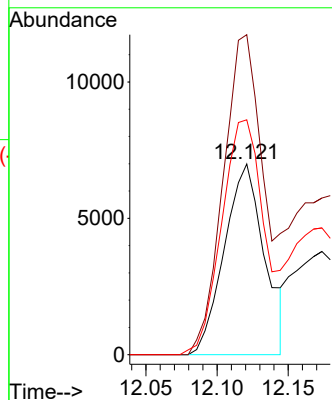
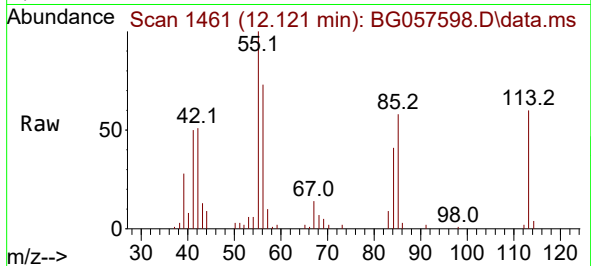




#35
Caprolactam
Concen: 26.576 ng
RT: 12.121 min Scan# 1461
Delta R.T. 0.007 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

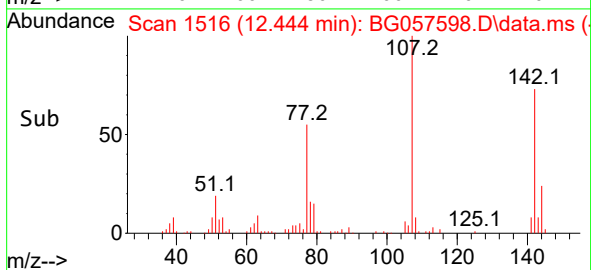
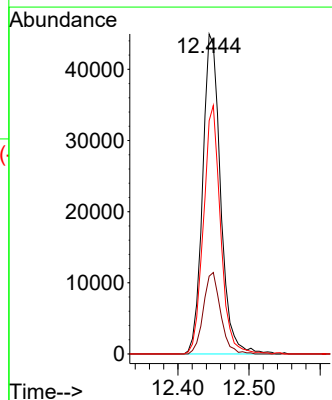
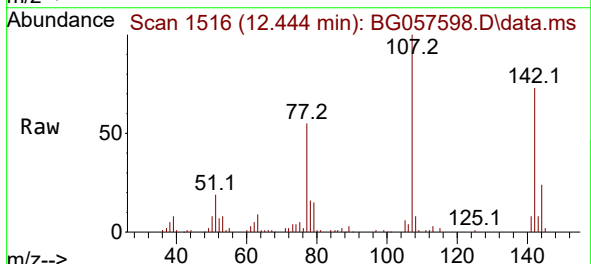
Instrument :
BNA_G
ClientSampleId :
PB153080BS

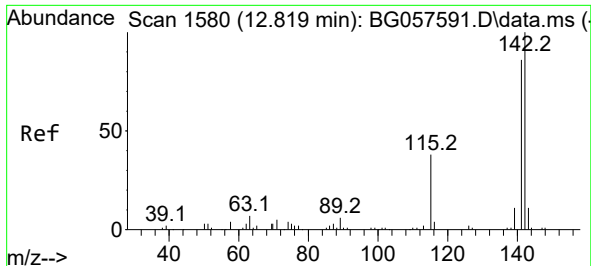
Tgt Ion:113 Resp: 13719
Ion Ratio Lower Upper
113 100
55 167.8 140.9 180.9
56 123.2 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 53.397 ng
RT: 12.444 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:107 Resp: 78705
Ion Ratio Lower Upper
107 100
144 24.3 19.7 29.5
142 72.9 61.6 92.4





#37

2-Methylnaphthalene

Concen: 46.391 ng

RT: 12.820 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

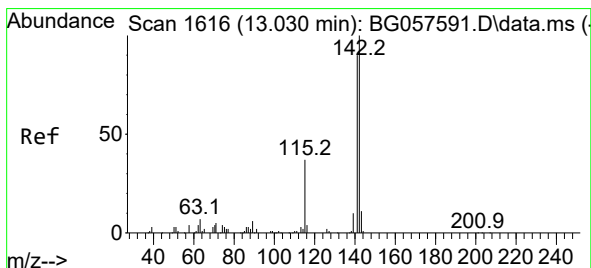
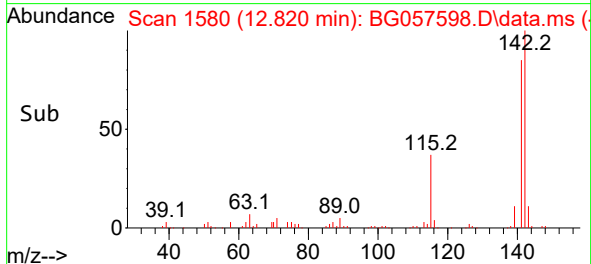
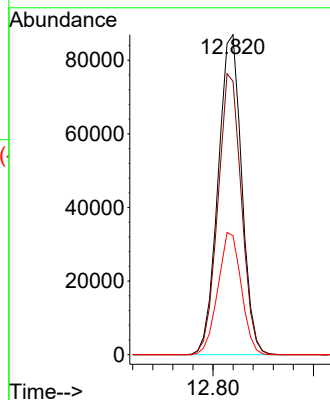
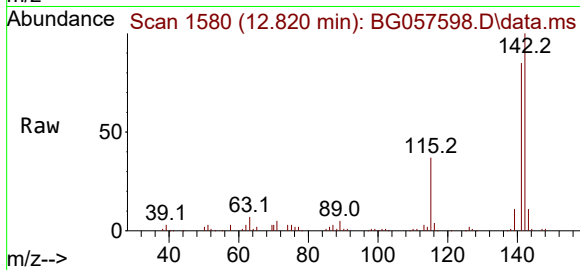
Tgt Ion:142 Resp: 141863

Ion Ratio Lower Upper

142 100

141 85.5 68.6 103.0

115 37.2 30.4 45.6



#38

1-Methylnaphthalene

Concen: 45.669 ng

RT: 13.031 min Scan# 1616

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

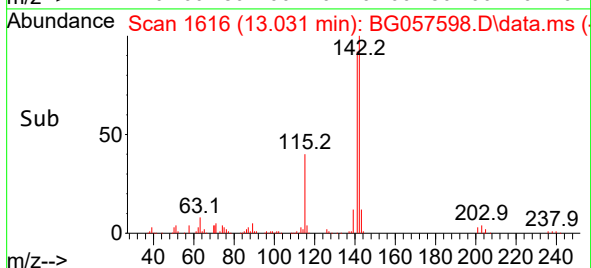
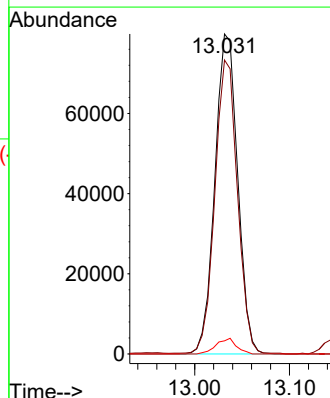
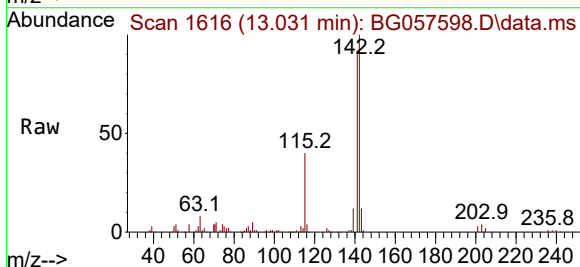
Tgt Ion:142 Resp: 133270

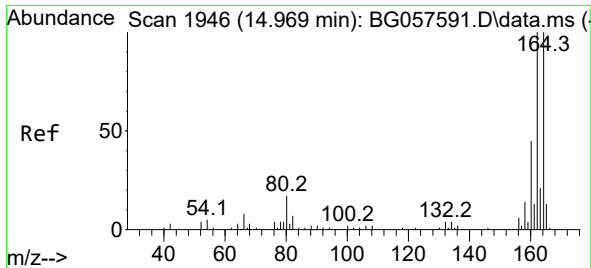
Ion Ratio Lower Upper

142 100

141 91.8 72.1 108.1

116 4.1 3.4 5.2

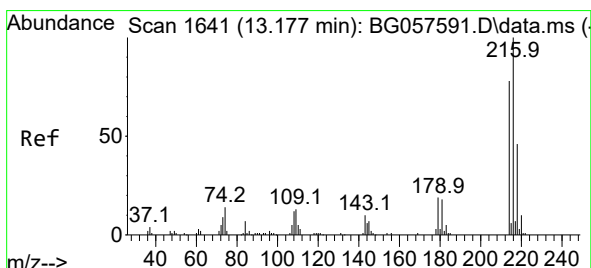
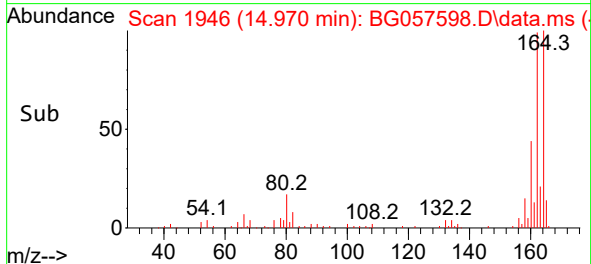
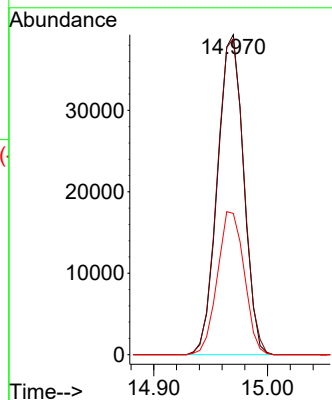
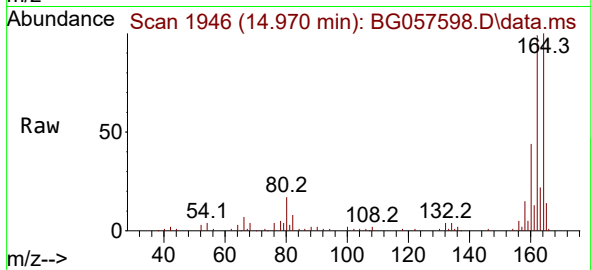




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

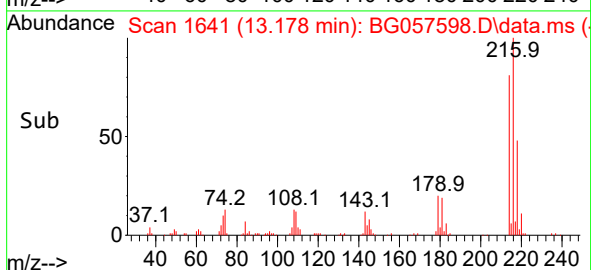
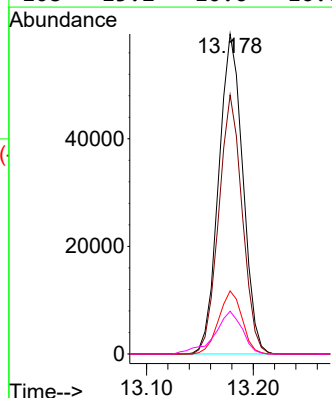
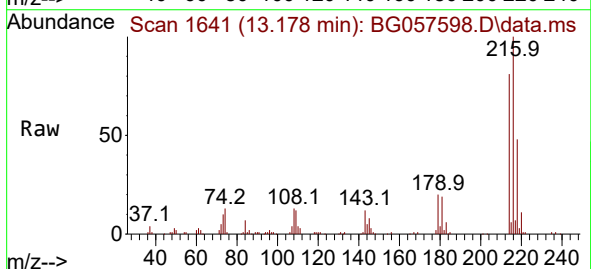
Instrument :
BNA_G
ClientSampleId :
PB153080BS

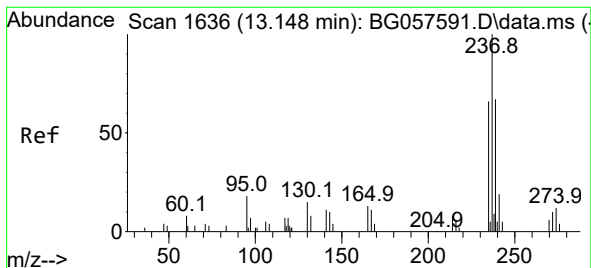
Tgt Ion:164 Resp: 62634
Ion Ratio Lower Upper
164 100
162 98.7 80.1 120.1
160 44.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.398 ng
RT: 13.178 min Scan# 1641
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:216 Resp: 93331
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.6
179 19.1 15.0 22.6
108 15.2 10.6 16.0

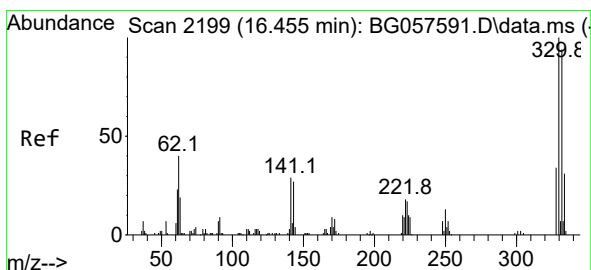
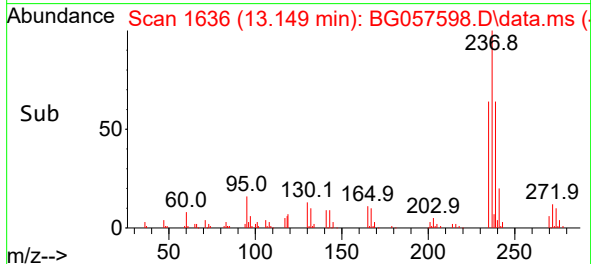
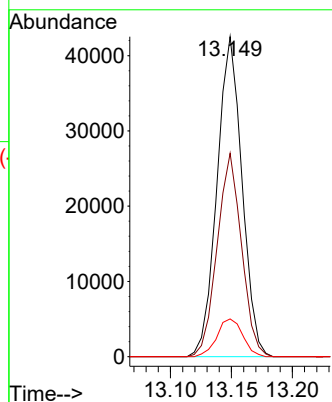
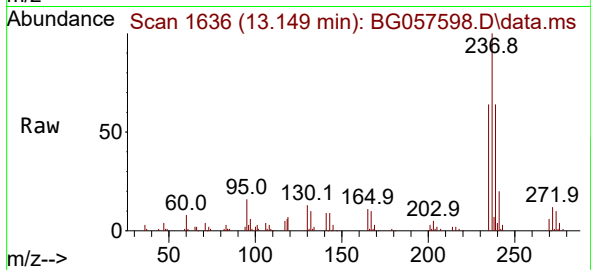




#41
Hexachlorocyclopentadiene
Concen: 100.203 ng
RT: 13.149 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

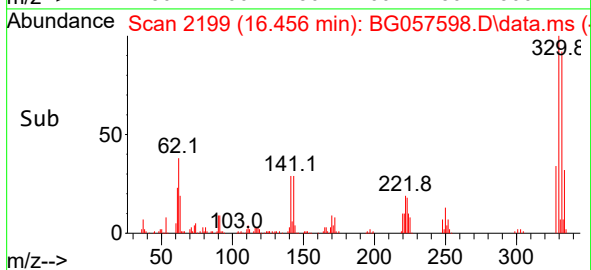
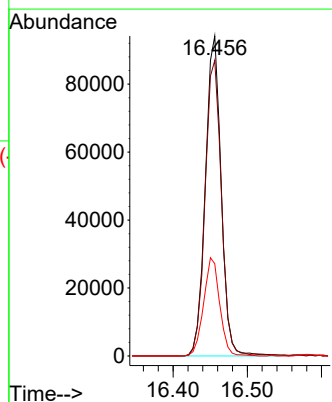
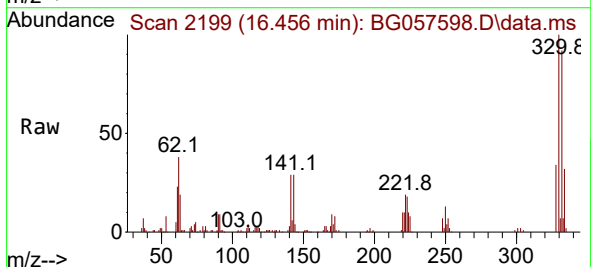
Instrument :
BNA_G
ClientSampleId :
PB153080BS

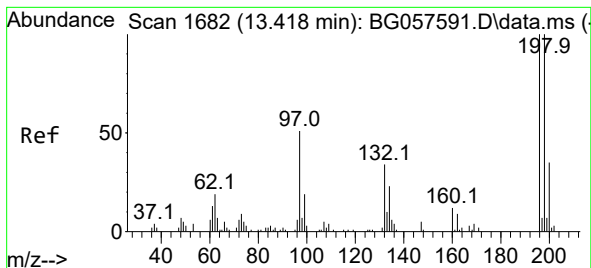
Tgt Ion:237 Resp: 60580
Ion Ratio Lower Upper
237 100
235 63.5 45.7 85.7
272 11.8 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 139.565 ng
RT: 16.456 min Scan# 2199
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:330 Resp: 139954
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 31.2 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 48.511 ng

RT: 13.419 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

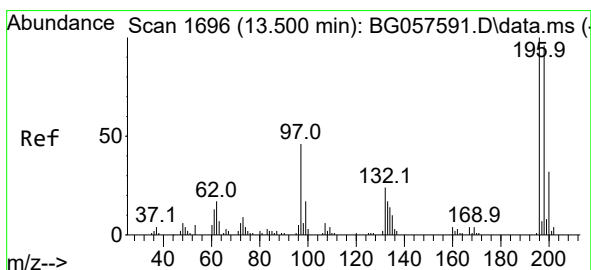
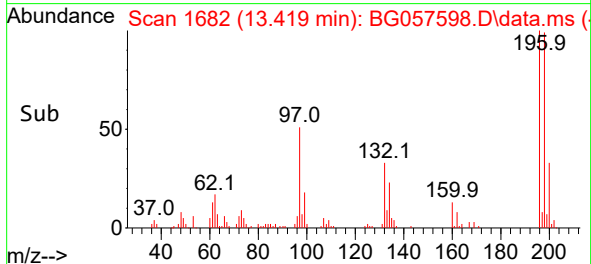
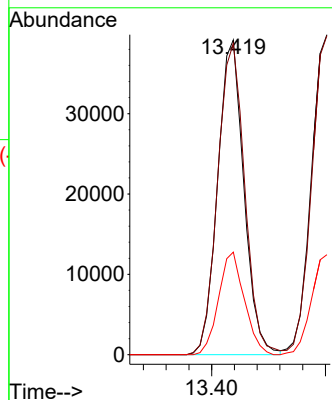
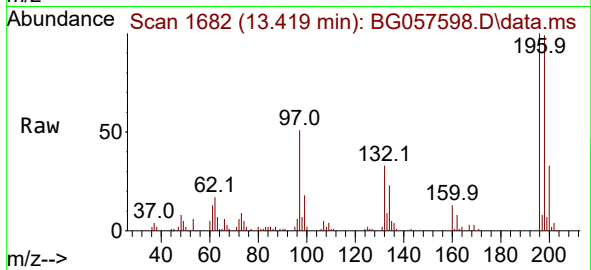
Tgt Ion:196 Resp: 62787

Ion Ratio Lower Upper

196 100

198 98.9 79.6 119.4

200 32.6 28.2 42.2



#44

2,4,5-Trichlorophenol

Concen: 46.392 ng

RT: 13.501 min Scan# 1696

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Tgt Ion:196 Resp: 71513

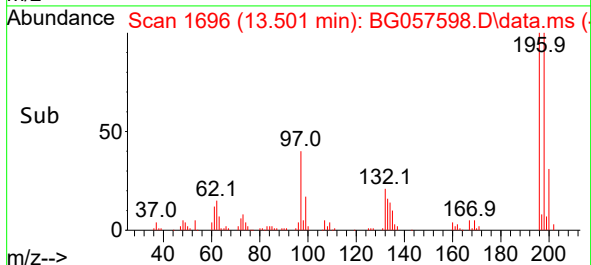
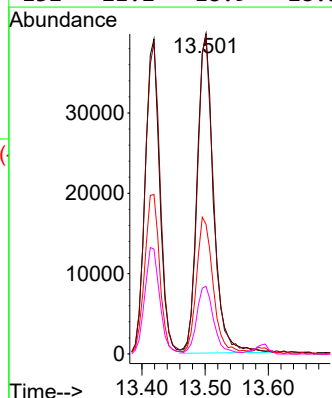
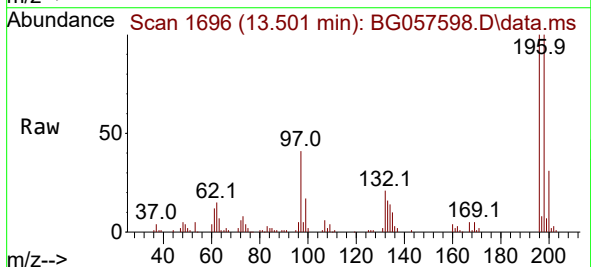
Ion Ratio Lower Upper

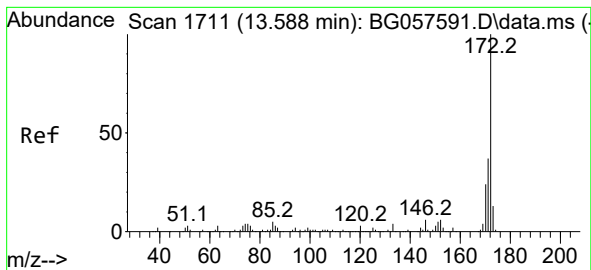
196 100

198 99.7 76.9 115.3

97 40.5 36.6 55.0

132 21.2 18.9 28.3





#45

2-Fluorobiphenyl

Concen: 87.818 ng

RT: 13.589 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

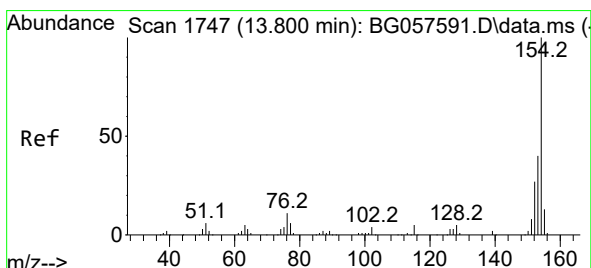
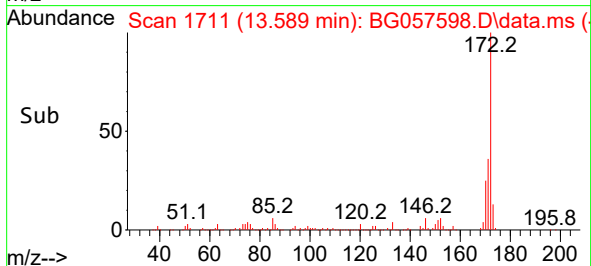
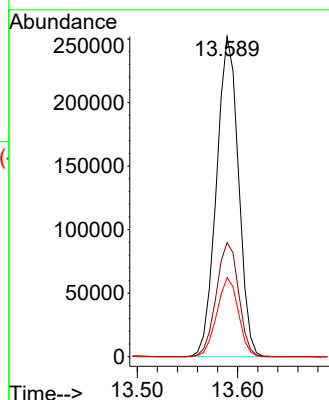
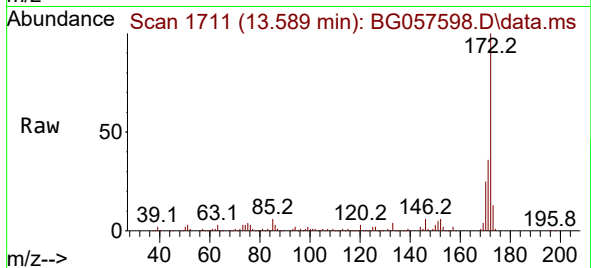
Tgt Ion:172 Resp: 382738

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 24.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.383 ng

RT: 13.801 min Scan# 1747

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

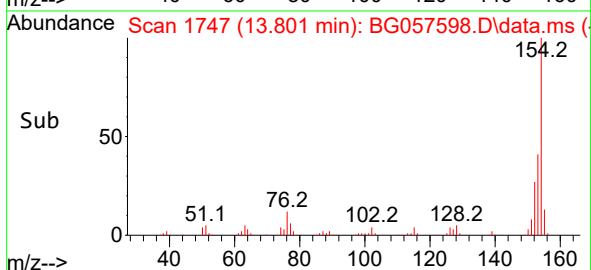
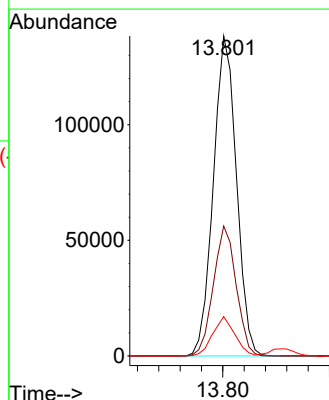
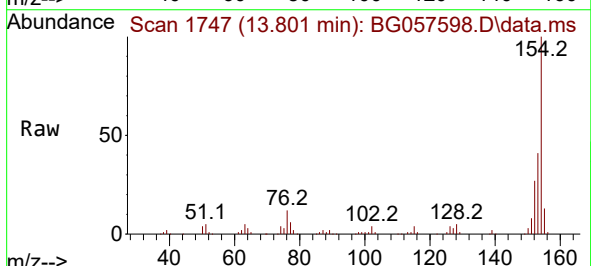
Tgt Ion:154 Resp: 207637

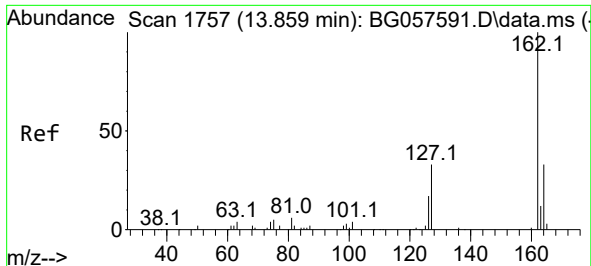
Ion Ratio Lower Upper

154 100

153 40.6 19.6 59.6

76 12.3 0.0 30.9

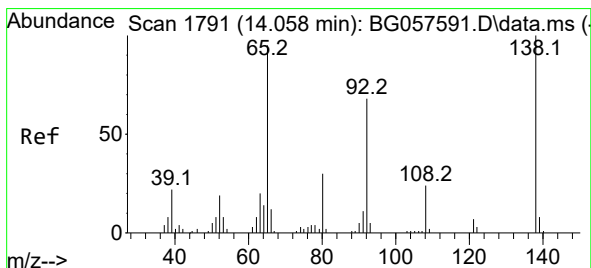
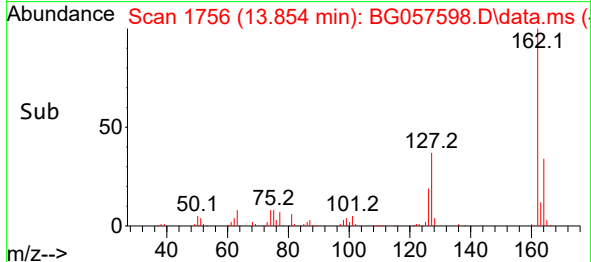
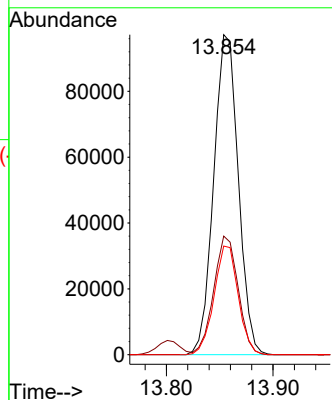
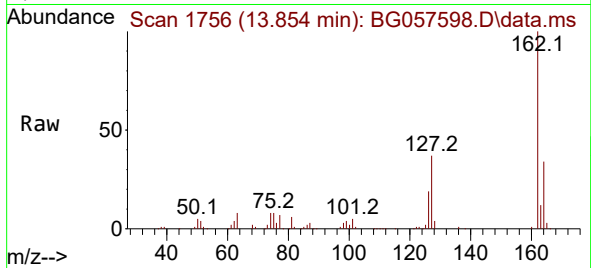




#47
2-Chloronaphthalene
Concen: 46.121 ng
RT: 13.854 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

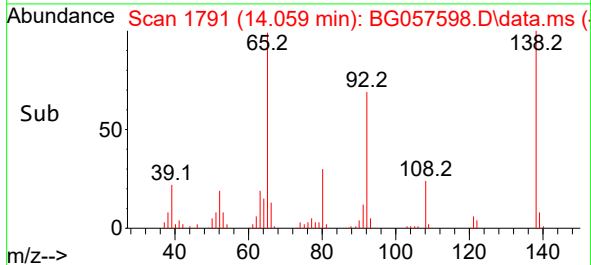
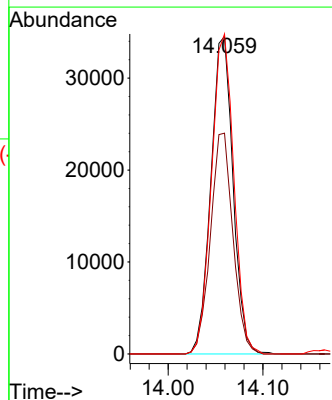
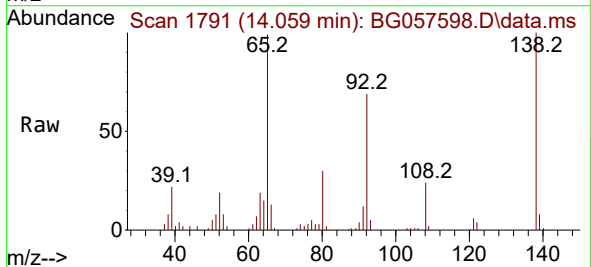
Instrument :
BNA_G
ClientSampleId :
PB153080BS

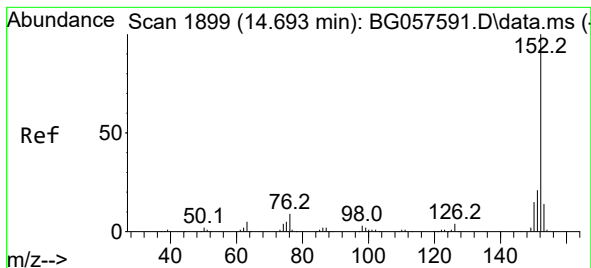
Tgt Ion:162 Resp: 155513
Ion Ratio Lower Upper
162 100
127 37.0 28.2 42.2
164 34.0 26.1 39.1



#48
2-Nitroaniline
Concen: 47.468 ng
RT: 14.059 min Scan# 1791
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion: 65 Resp: 56064
Ion Ratio Lower Upper
65 100
92 69.5 57.3 85.9
138 100.8 84.6 127.0





#49

Acenaphthylene

Concen: 45.516 ng

RT: 14.694 min Scan# 1899

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

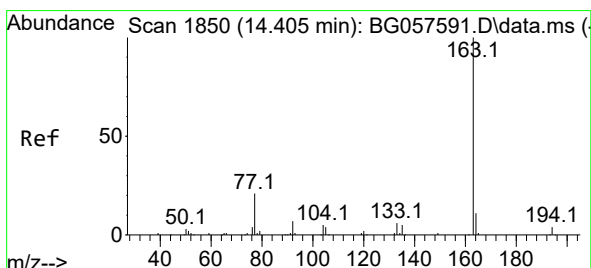
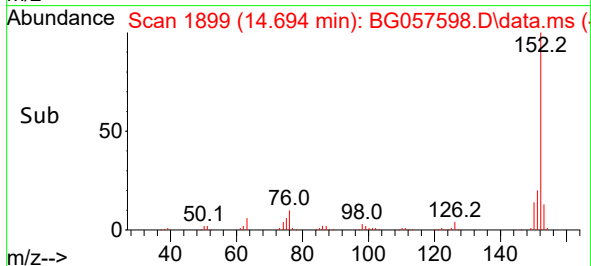
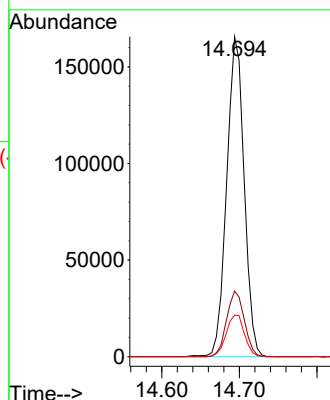
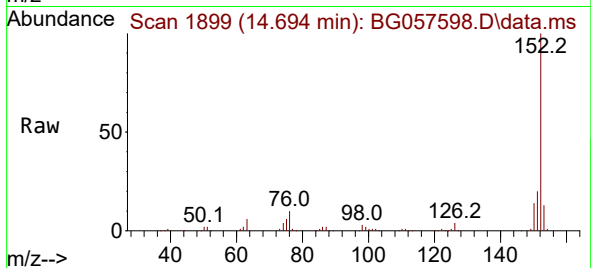
Tgt Ion:152 Resp: 259886

Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7

153 13.0 11.0 16.4



#50

Dimethylphthalate

Concen: 44.996 ng

RT: 14.406 min Scan# 1850

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

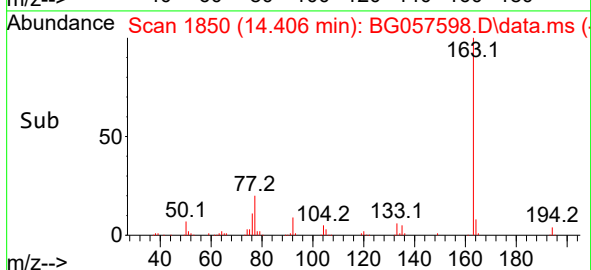
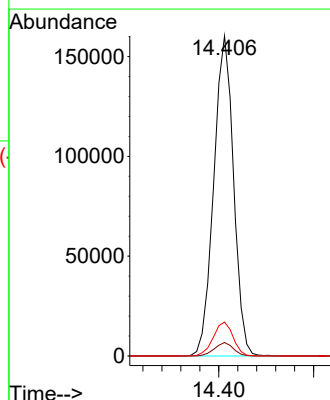
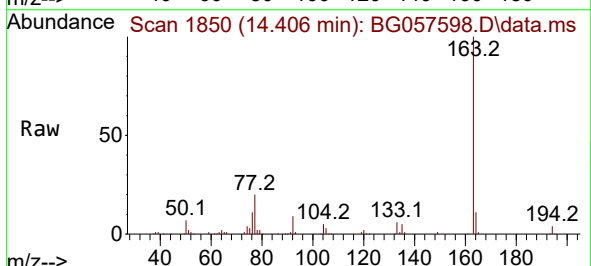
Tgt Ion:163 Resp: 232280

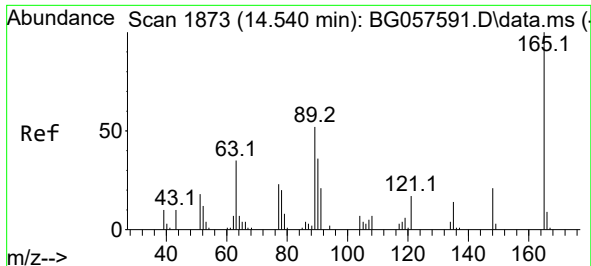
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

164 10.6 8.5 12.7

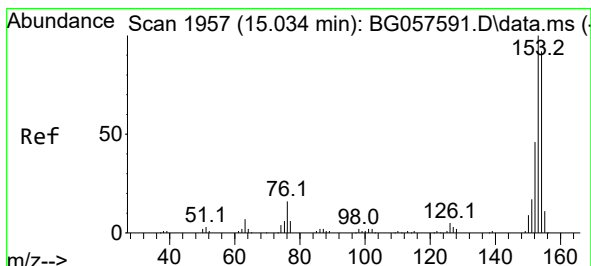
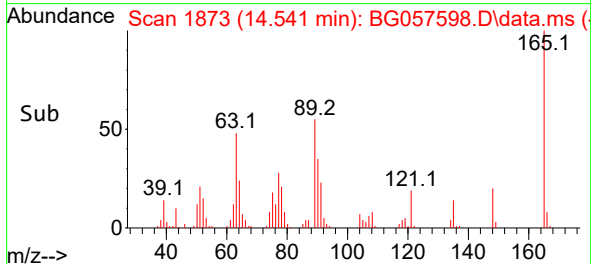
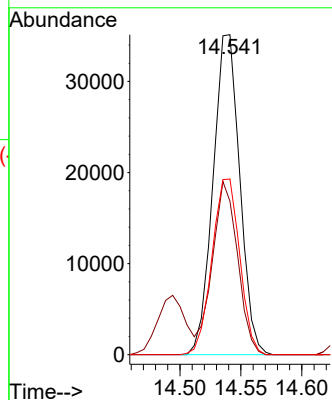
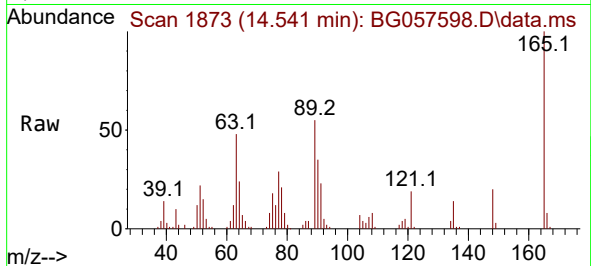




#51
2,6-Dinitrotoluene
Concen: 48.497 ng
RT: 14.541 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

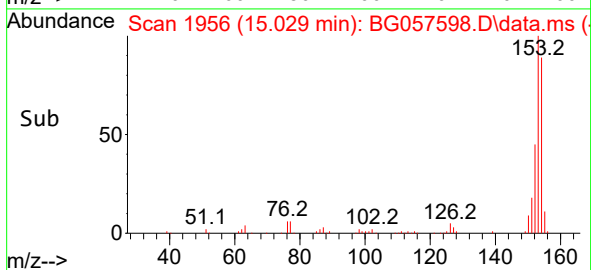
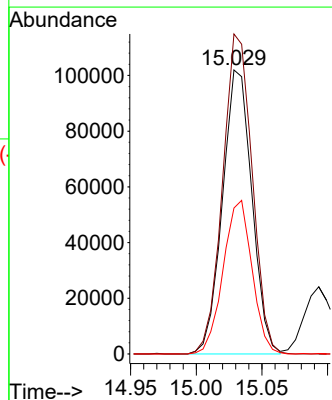
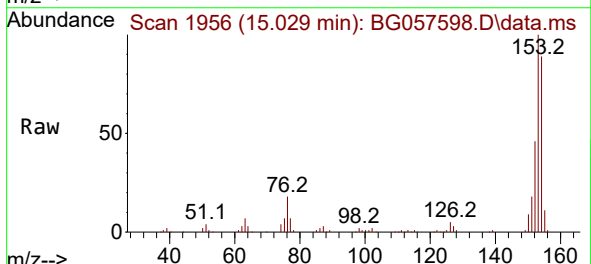
Instrument :
BNA_G
ClientSampleId :
PB153080BS

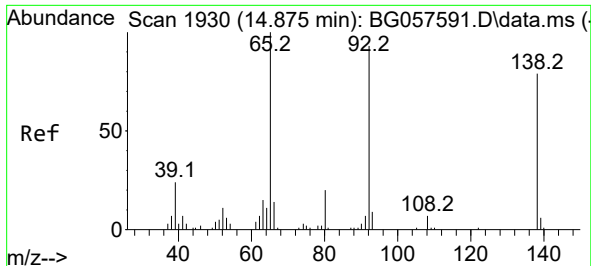
Tgt Ion:165 Resp: 53591
Ion Ratio Lower Upper
165 100
63 47.9 39.3 58.9
89 54.9 41.5 62.3



#52
Acenaphthene
Concen: 45.465 ng
RT: 15.029 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

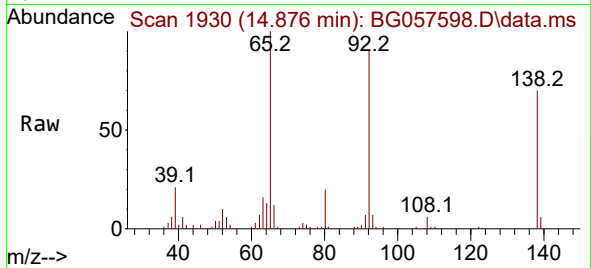
Tgt Ion:154 Resp: 158845
Ion Ratio Lower Upper
154 100
153 112.7 87.4 131.0
152 51.4 40.2 60.4



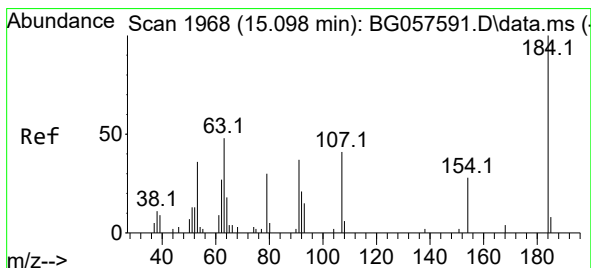
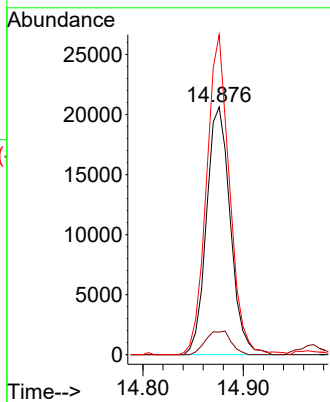
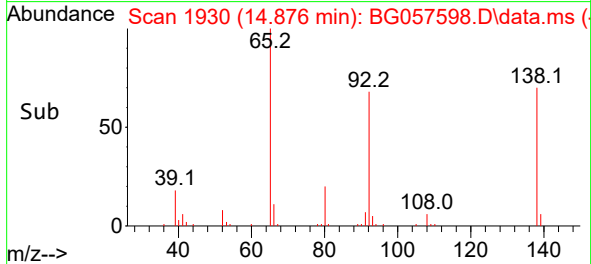


#53
3-Nitroaniline
Concen: 29.567 ng
RT: 14.876 min Scan# 1930
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Instrument :
BNA_G
ClientSampleId :
PB153080BS

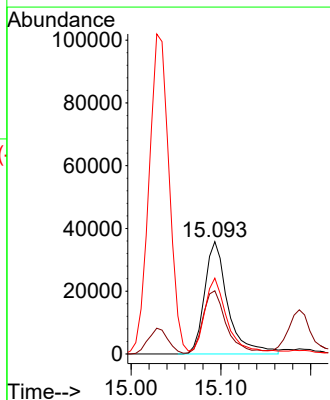
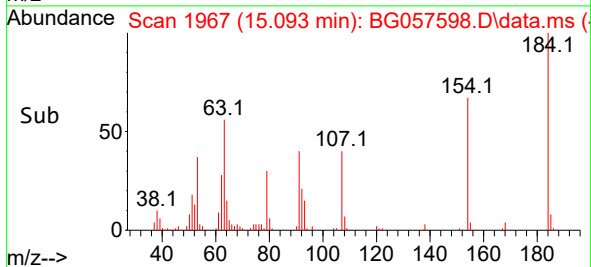
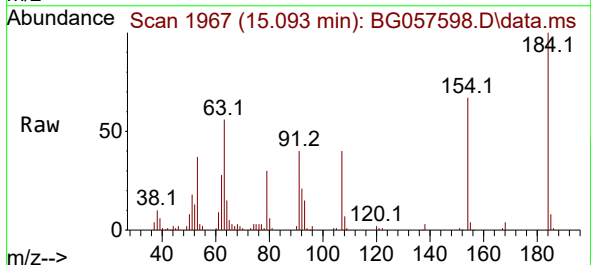


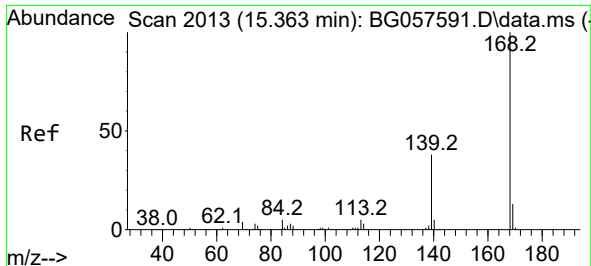
Tgt Ion:138 Resp: 34079
Ion Ratio Lower Upper
138 100
108 9.1 7.1 10.7
92 129.2 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 95.280 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:184 Resp: 64525
Ion Ratio Lower Upper
184 100
63 56.2 41.4 62.2
154 67.5 52.5 78.7

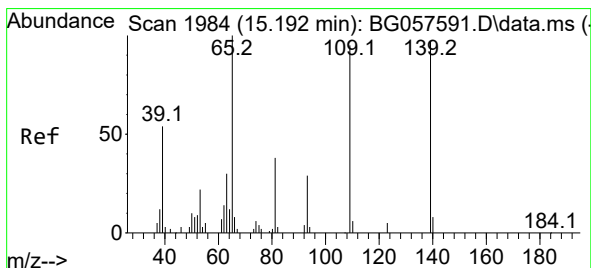
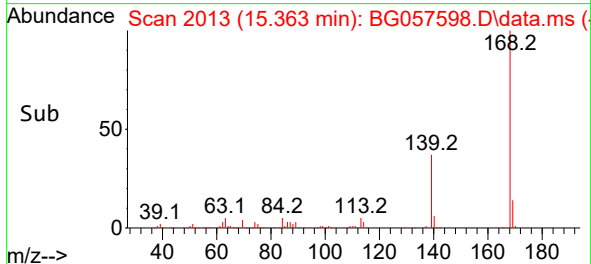
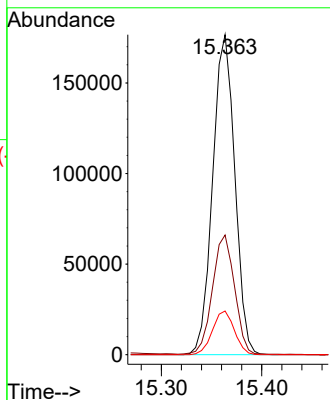
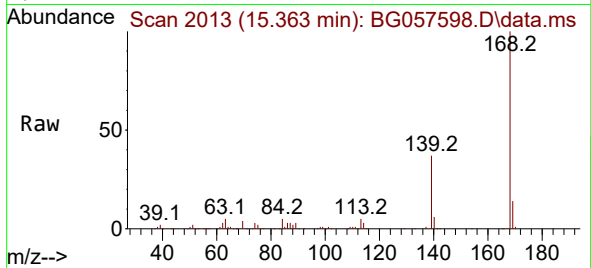




#55
Dibenzofuran
Concen: 45.245 ng
RT: 15.363 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

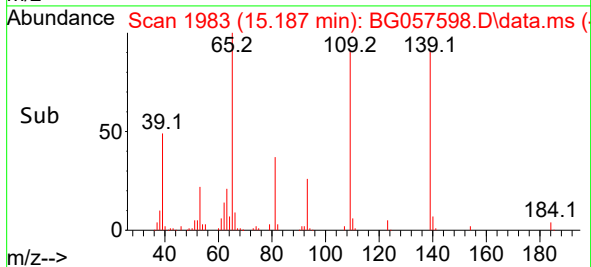
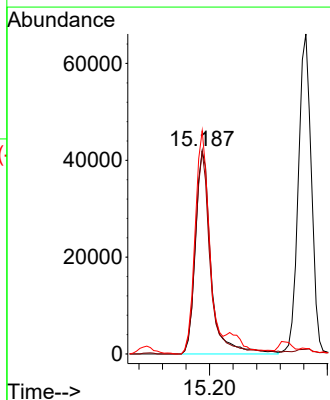
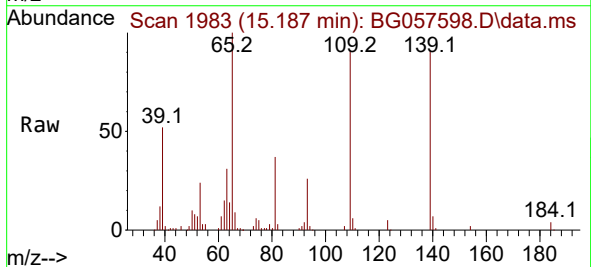
Instrument :
BNA_G
ClientSampleId :
PB153080BS

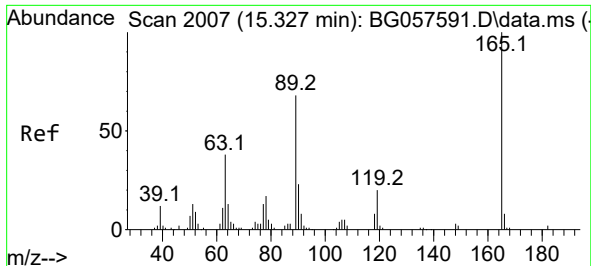
Tgt Ion:168 Resp: 270104
Ion Ratio Lower Upper
168 100
139 37.4 30.6 46.0
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 100.620 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:139 Resp: 77270
Ion Ratio Lower Upper
139 100
109 100.0 78.2 118.2
65 110.0 83.2 123.2

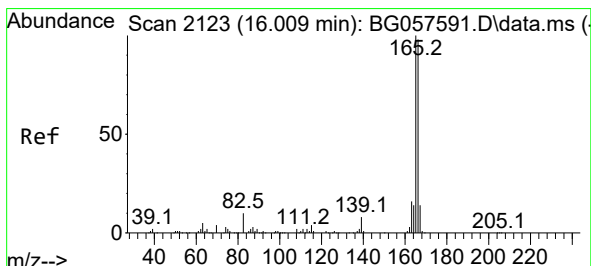
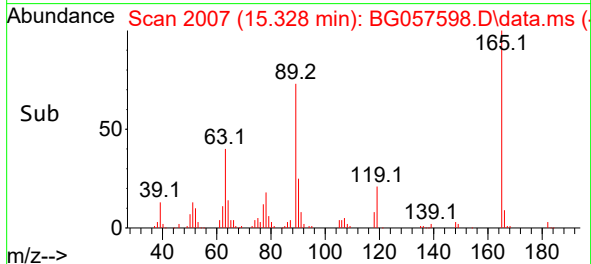
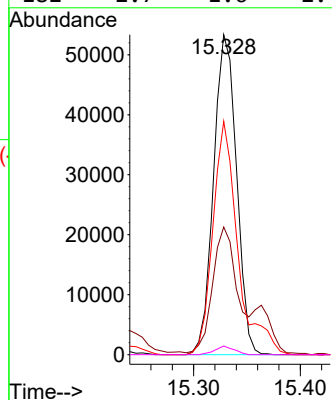
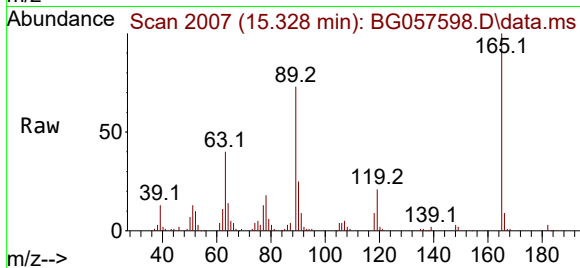




#57
2,4-Dinitrotoluene
Concen: 48.266 ng
RT: 15.328 min Scan# 2007
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

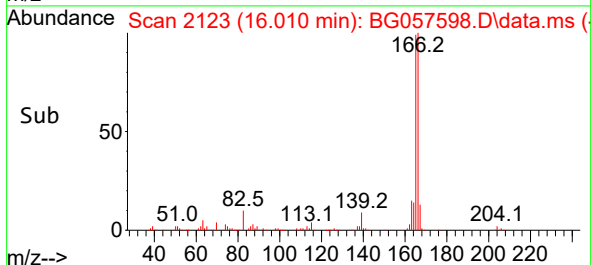
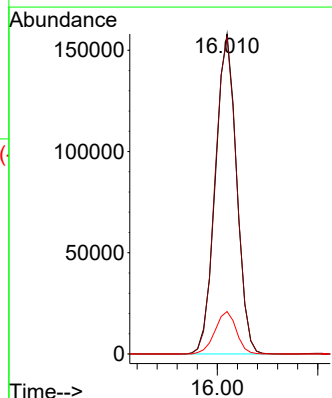
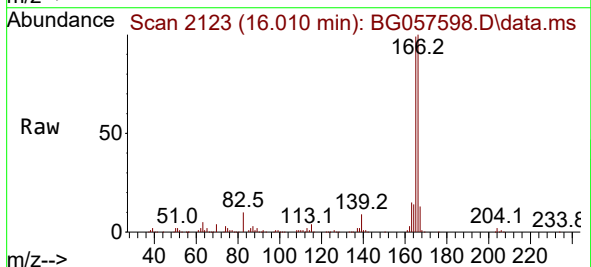
Instrument :
BNA_G
ClientSampleId :
PB153080BS

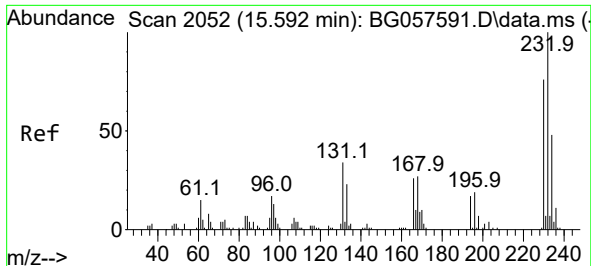
Tgt Ion:165 Resp: 79859
Ion Ratio Lower Upper
165 100
63 39.9 30.6 45.8
89 72.9 54.2 81.2
182 2.7 1.6 2.4#



#58
Fluorene
Concen: 45.944 ng
RT: 16.010 min Scan# 2123
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:166 Resp: 231582
Ion Ratio Lower Upper
166 100
165 99.0 81.2 121.8
167 13.3 11.1 16.7

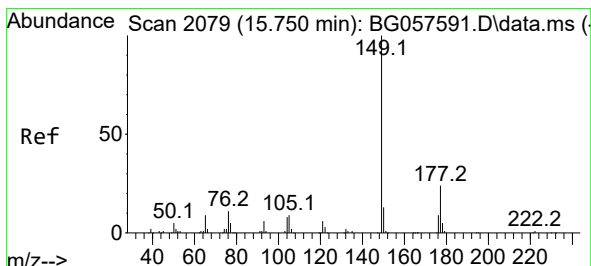
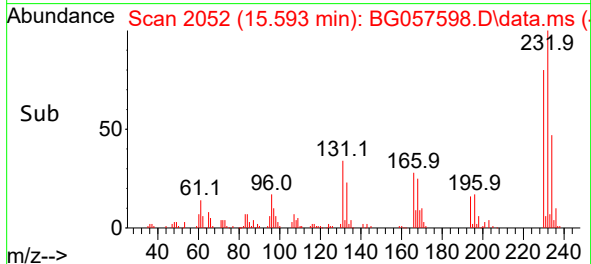
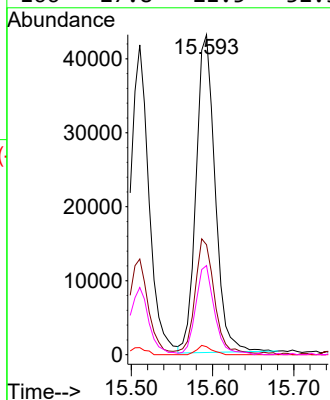
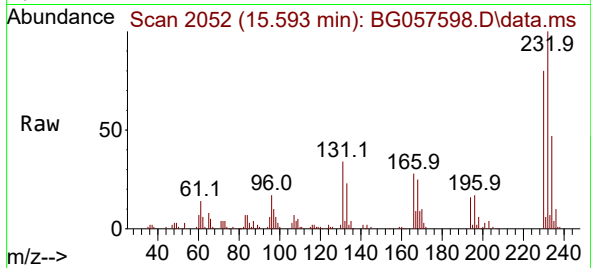




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.413 ng
RT: 15.593 min Scan# 2052
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

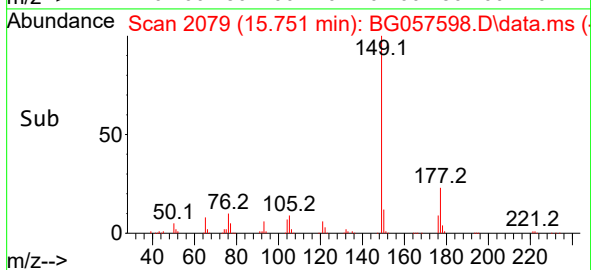
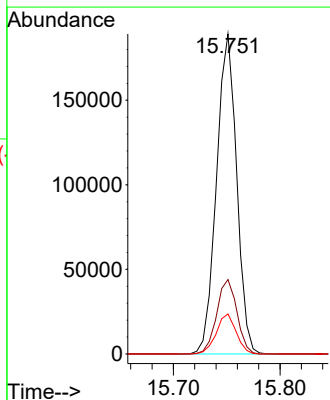
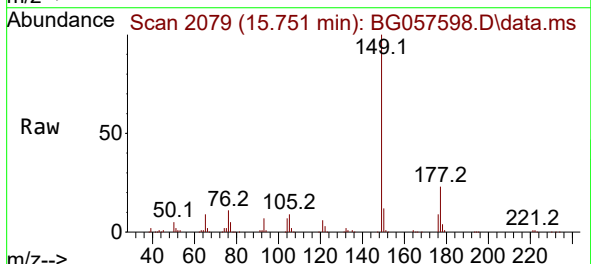
Instrument :
BNA_G
ClientSampleId :
PB153080BS

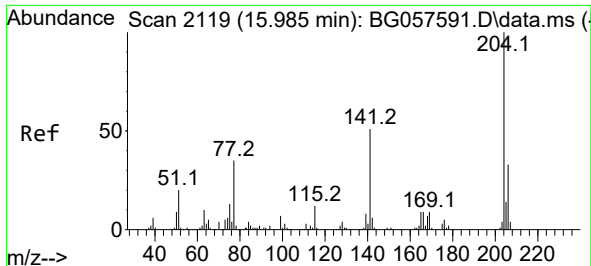
Tgt Ion:	232	Resp:	69915
Ion Ratio	Lower	Upper	
232	100		
131	36.3	28.6	43.0
130	2.3	1.8	2.6
166	27.8	21.5	32.3



#60
Diethylphthalate
Concen: 45.996 ng
RT: 15.751 min Scan# 2079
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:	149	Resp:	247828
Ion Ratio	Lower	Upper	
149	100		
177	23.3	19.0	28.6
150	12.5	10.1	15.1

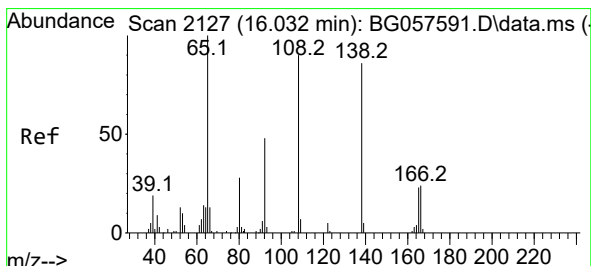
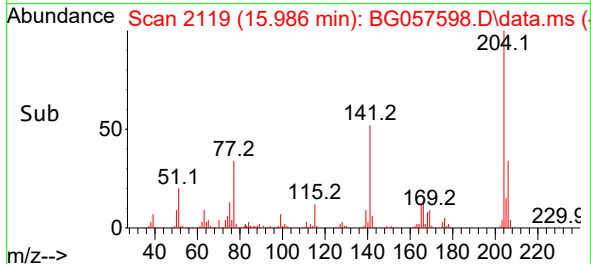
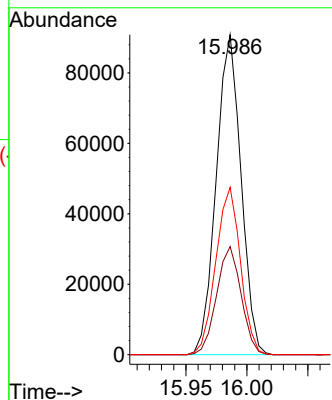
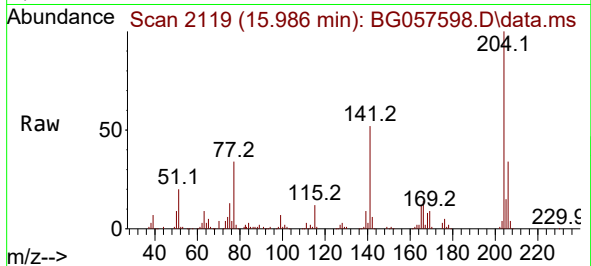




#61
4-Chlorophenyl-phenylether
Concen: 45.722 ng
RT: 15.986 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

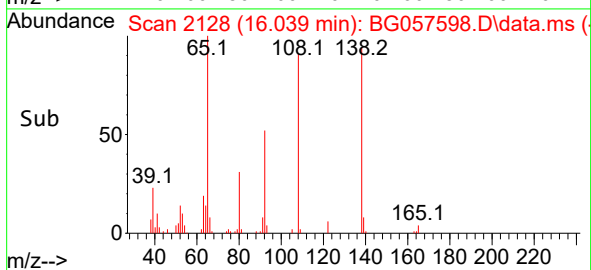
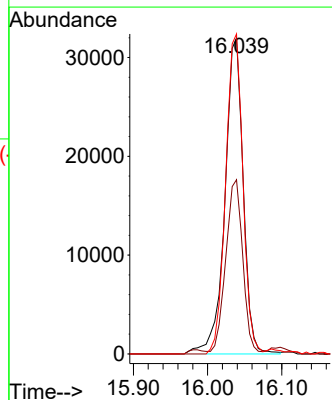
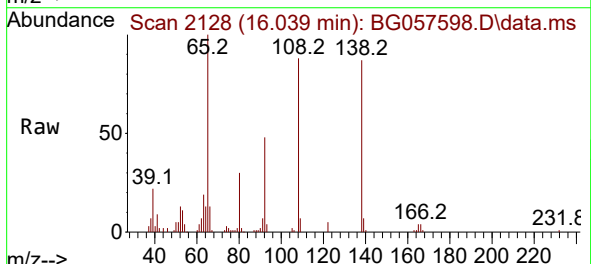
Instrument :
BNA_G
ClientSampleId :
PB153080BS

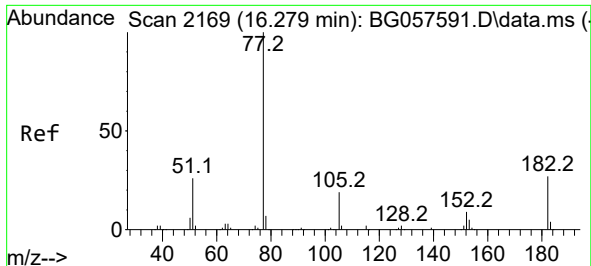
Tgt Ion:204 Resp: 128437
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 52.3 40.8 61.2



#62
4-Nitroaniline
Concen: 44.059 ng
RT: 16.039 min Scan# 2128
Delta R.T. 0.007 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:138 Resp: 54779
Ion Ratio Lower Upper
138 100
92 55.2 36.4 76.4
108 101.3 85.4 125.4

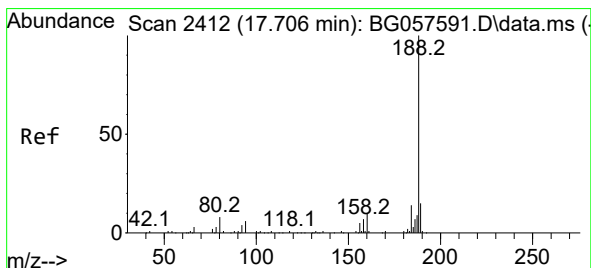
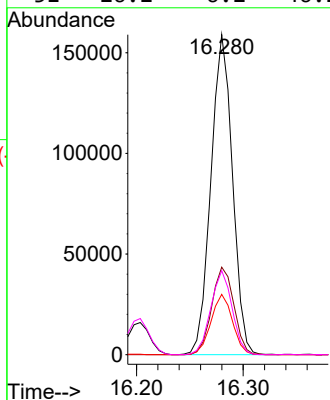
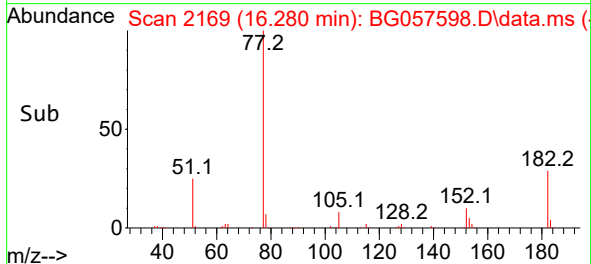
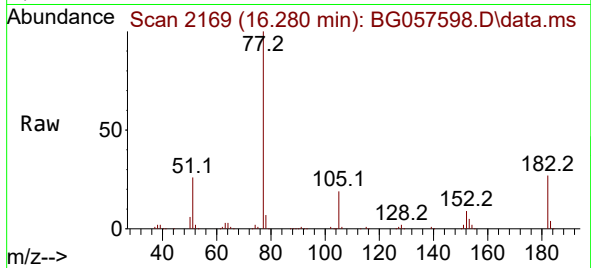




#63
Azobenzene
Concen: 46.639 ng
RT: 16.280 min Scan# 2169
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

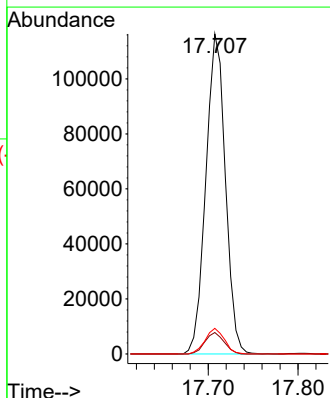
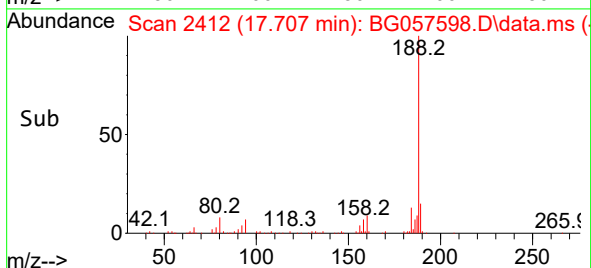
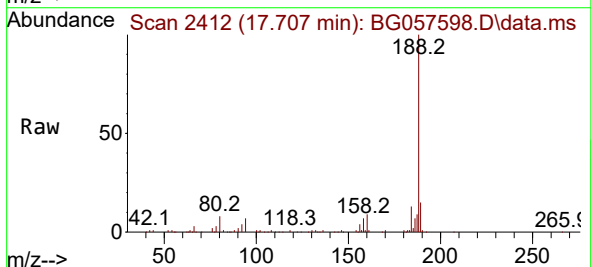
Instrument :
BNA_G
ClientSampleId :
PB153080BS

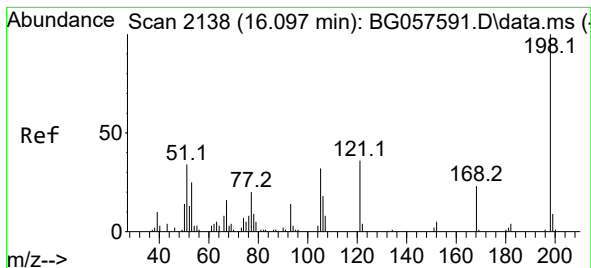
Tgt Ion:	77	Resp:	223484
Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.4	47.4
105	18.9	0.0	39.4
51	26.2	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:	188	Resp:	175468
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.2	7.8
80	8.0	6.7	10.1

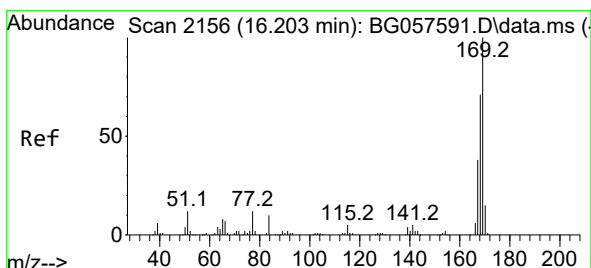
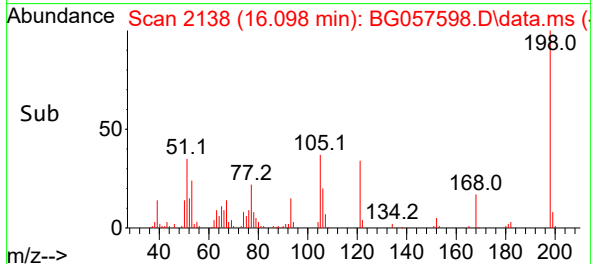
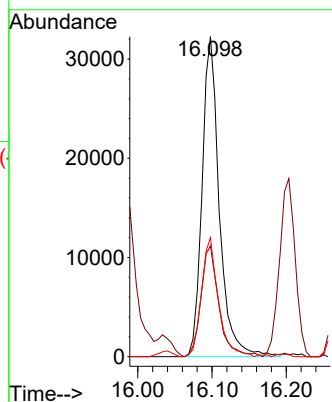
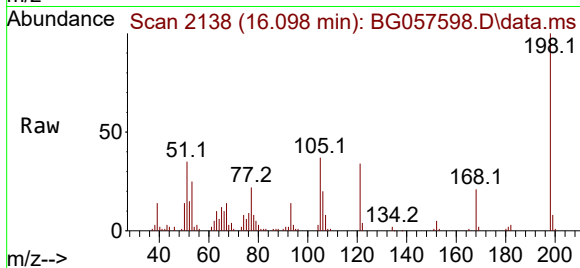




#65
4,6-Dinitro-2-methylphenol
Concen: 48.733 ng
RT: 16.098 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

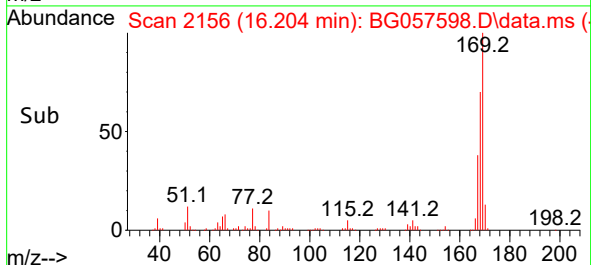
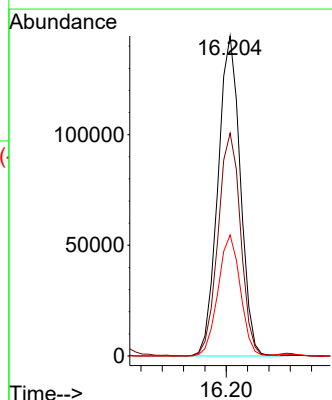
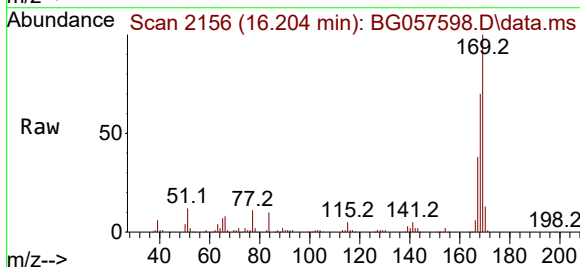
Instrument :
BNA_G
ClientSampleId :
PB153080BS

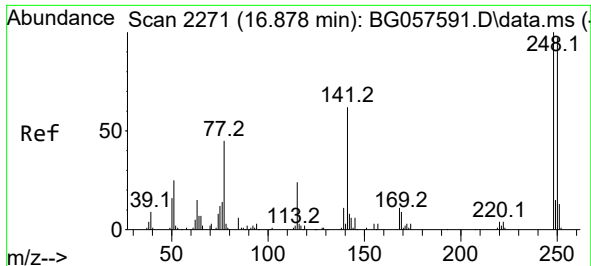
Tgt Ion:198 Resp: 52066
Ion Ratio Lower Upper
198 100
51 34.6 14.9 54.9
105 37.2 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 46.053 ng
RT: 16.204 min Scan# 2156
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:169 Resp: 210033
Ion Ratio Lower Upper
169 100
168 69.6 56.7 85.1
167 37.8 30.7 46.1

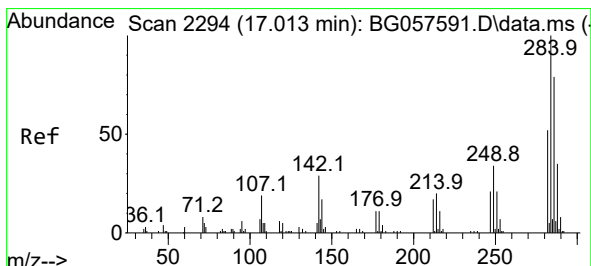
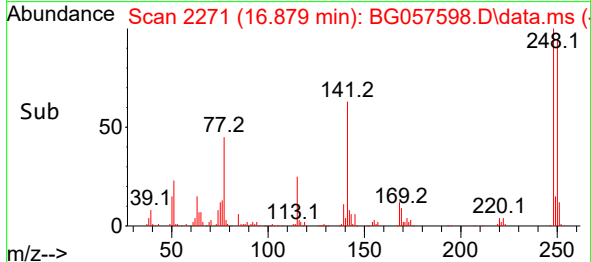
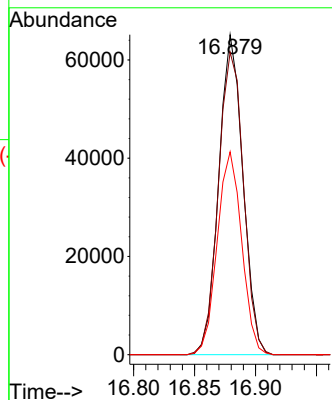
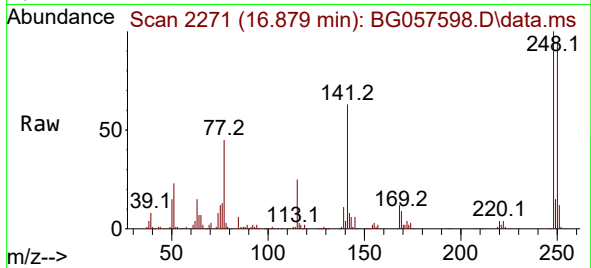




#67
4-Bromophenyl-phenylether
Concen: 45.651 ng
RT: 16.879 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

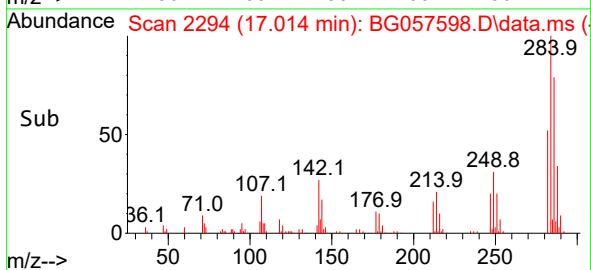
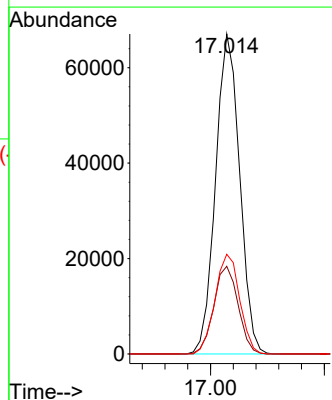
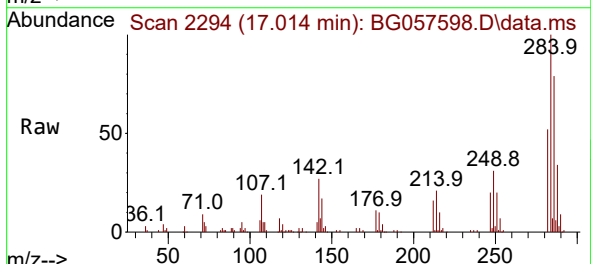
Instrument :
BNA_G
ClientSampleId :
PB153080BS

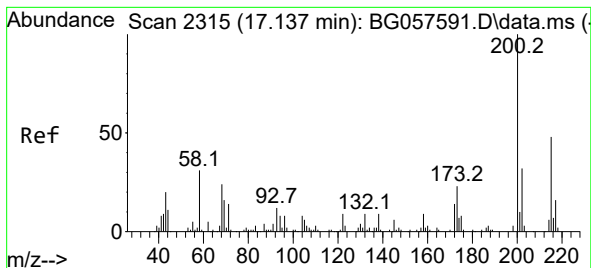
Tgt Ion:248 Resp: 89854
Ion Ratio Lower Upper
248 100
250 94.5 77.4 116.2
141 63.4 49.4 74.0



#68
Hexachlorobenzene
Concen: 48.552 ng
RT: 17.014 min Scan# 2294
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:284 Resp: 98507
Ion Ratio Lower Upper
284 100
142 27.4 22.9 34.3
249 31.2 27.0 40.4





#69

Atrazine

Concen: 49.904 ng

RT: 17.138 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

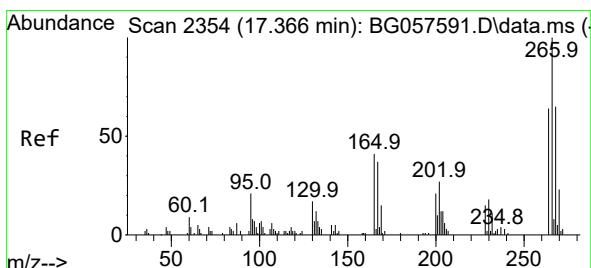
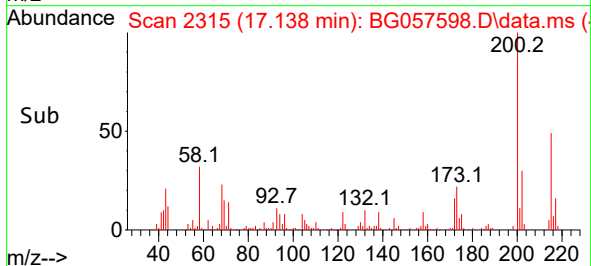
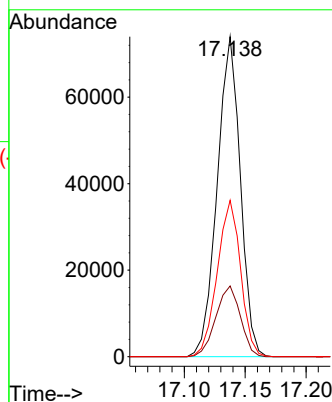
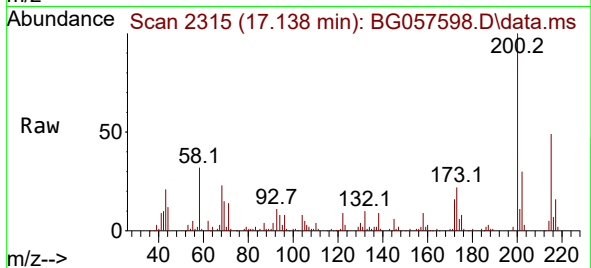
Tgt Ion:200 Resp: 97715

Ion Ratio Lower Upper

200 100

173 22.1 3.2 43.2

215 48.8 28.4 68.4



#70

Pentachlorophenol

Concen: 90.368 ng

RT: 17.361 min Scan# 2353

Delta R.T. -0.005 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

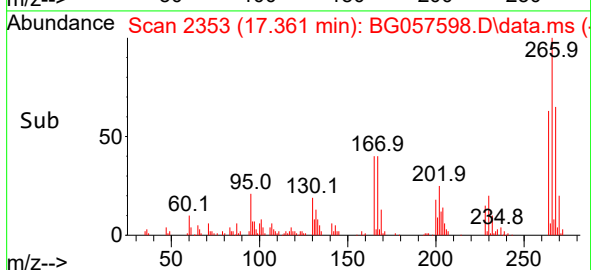
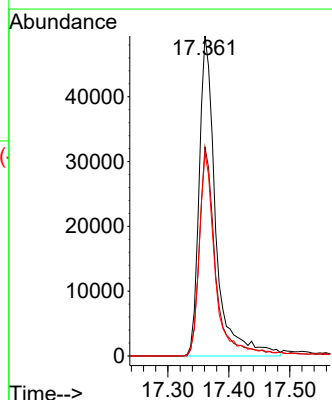
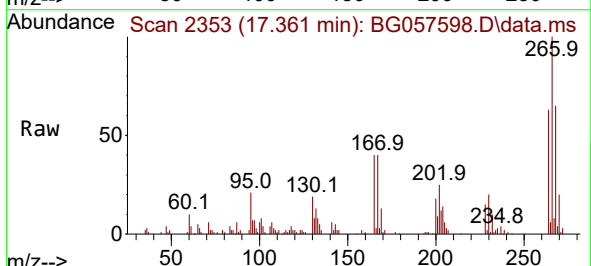
Tgt Ion:266 Resp: 93423

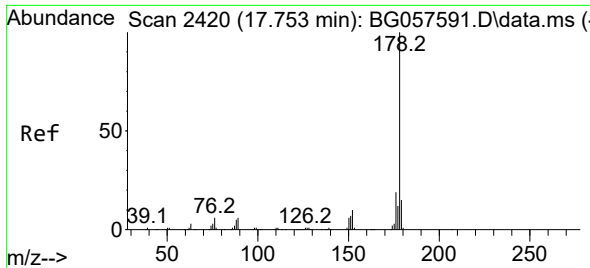
Ion Ratio Lower Upper

266 100

268 65.3 52.2 78.4

264 63.4 51.2 76.8

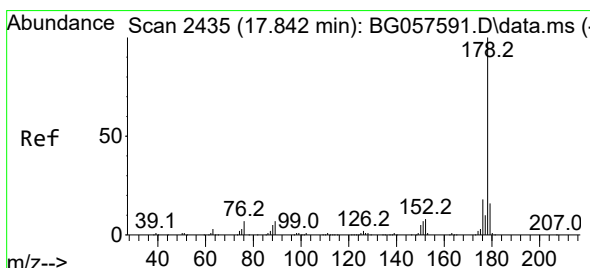
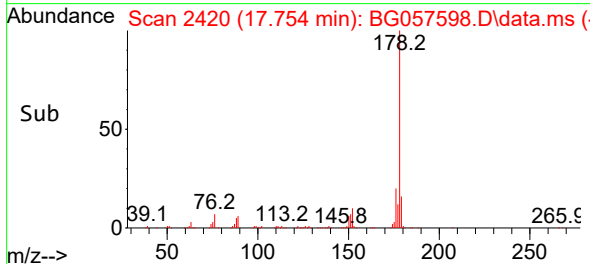
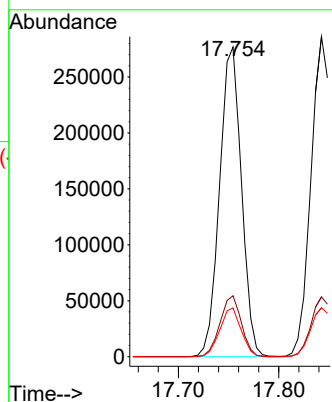
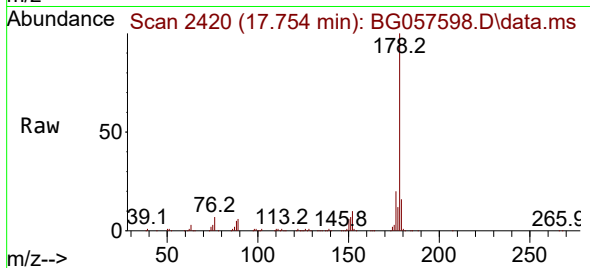




#71
Phenanthrene
Concen: 46.589 ng
RT: 17.754 min Scan# 2420
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

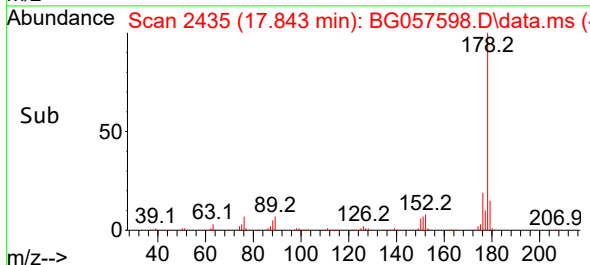
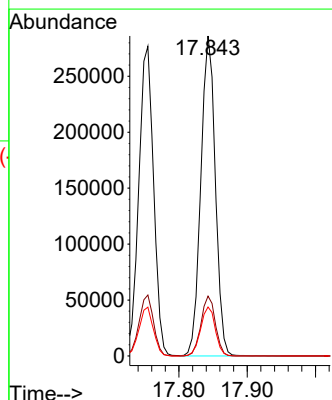
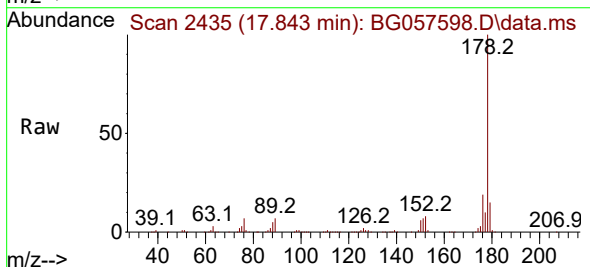
Instrument :
BNA_G
ClientSampleId :
PB153080BS

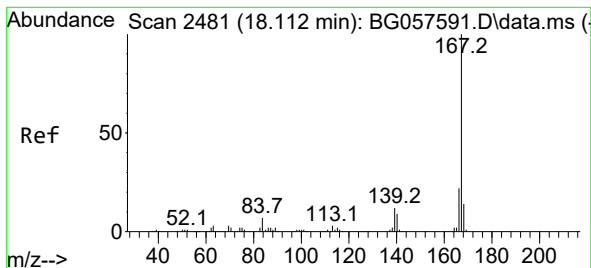
Tgt Ion:178 Resp: 418339
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.7 12.0 18.0



#72
Anthracene
Concen: 45.971 ng
RT: 17.843 min Scan# 2435
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:178 Resp: 423464
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.3 12.6 18.8





#73

Carbazole

Concen: 46.156 ng

RT: 18.107 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

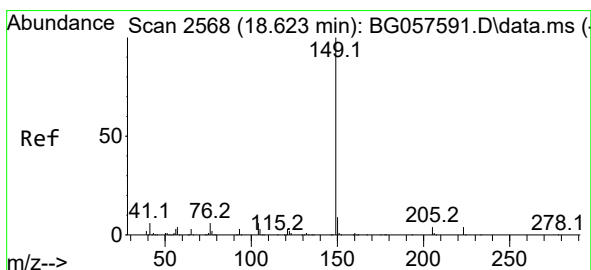
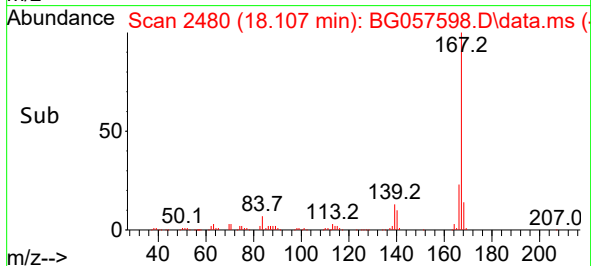
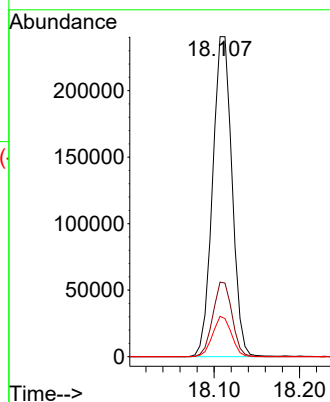
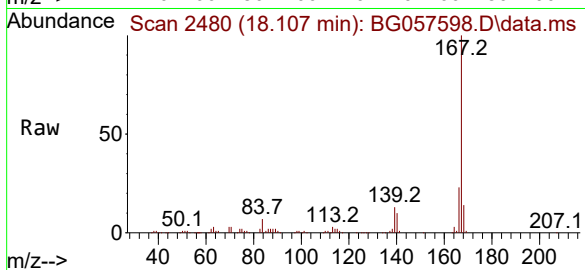
Tgt Ion:167 Resp: 380349

Ion Ratio Lower Upper

167 100

166 23.3 17.9 26.9

139 12.6 9.6 14.4



#74

Di-n-butylphthalate

Concen: 44.191 ng

RT: 18.624 min Scan# 2568

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

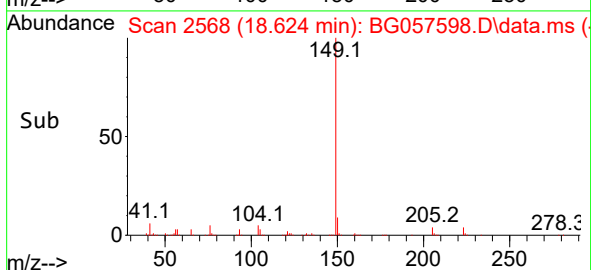
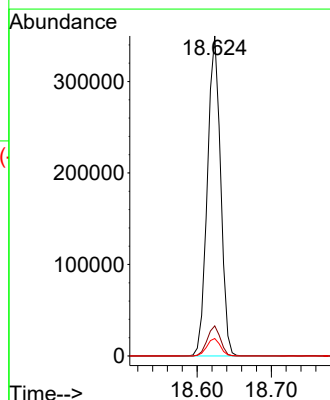
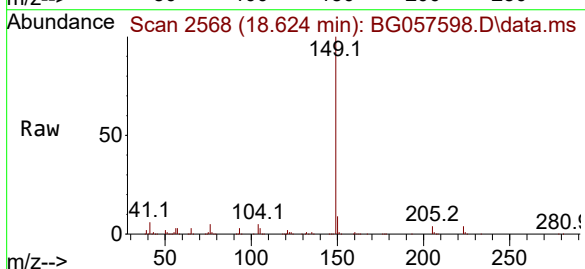
Tgt Ion:149 Resp: 432301

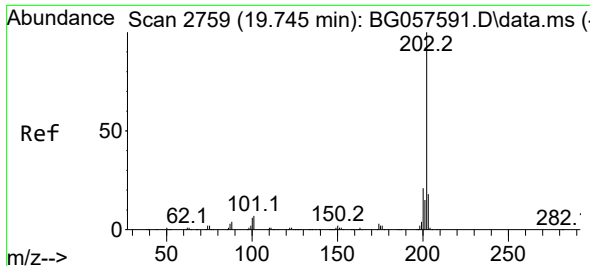
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.5 4.6 6.8

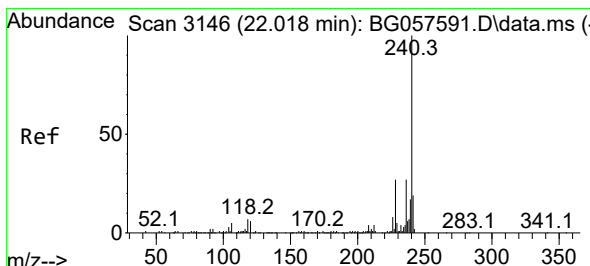
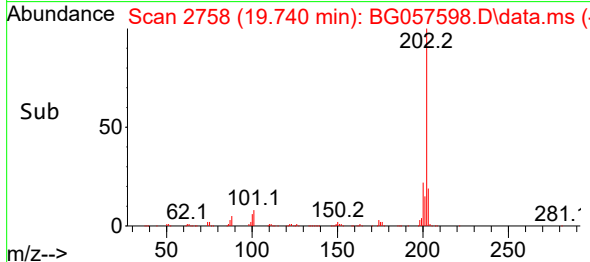
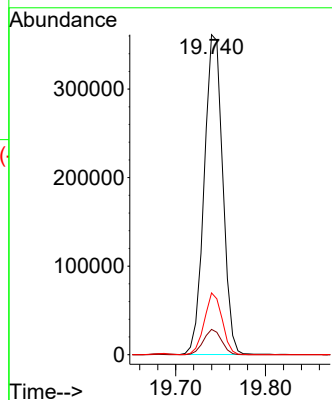
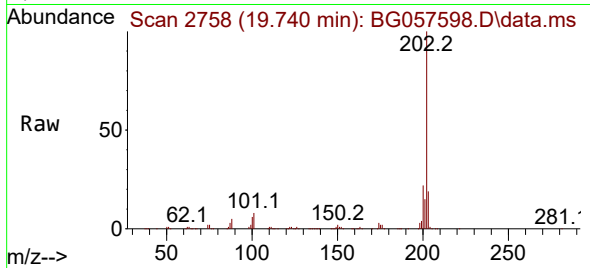




#75
Fluoranthene
Concen: 44.220 ng
RT: 19.740 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

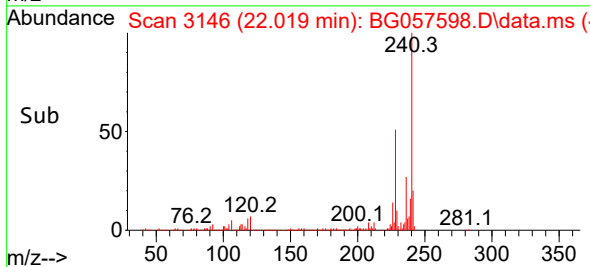
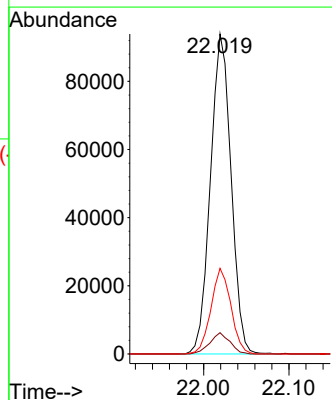
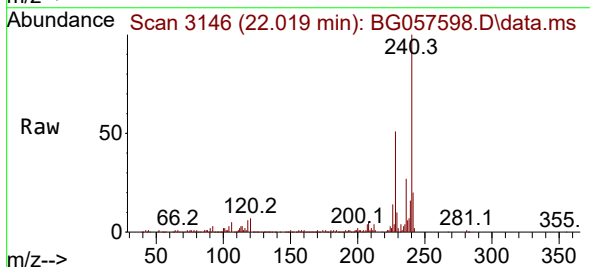
Instrument :
BNA_G
ClientSampleId :
PB153080BS

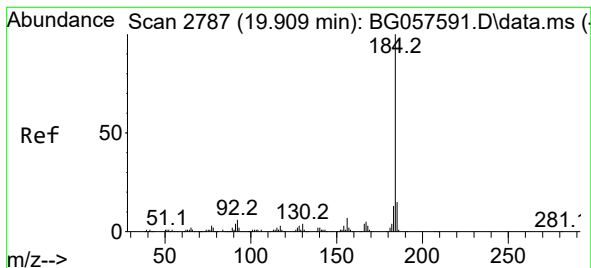
Tgt Ion:202 Resp: 515478
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.5
203 19.3 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:240 Resp: 157705
Ion Ratio Lower Upper
240 100
120 6.7 5.2 7.8
236 26.8 21.4 32.0





#77

Benzidine

Concen: 54.155 ng

RT: 19.910 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

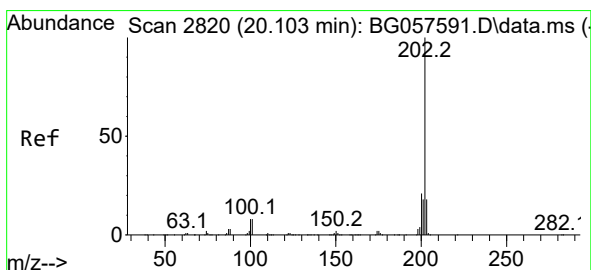
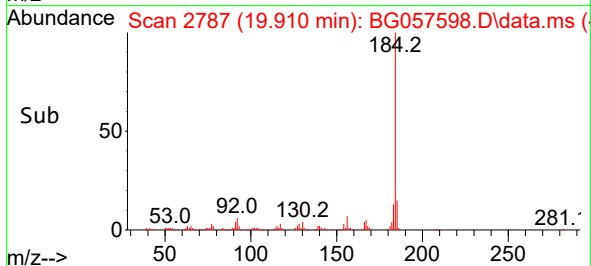
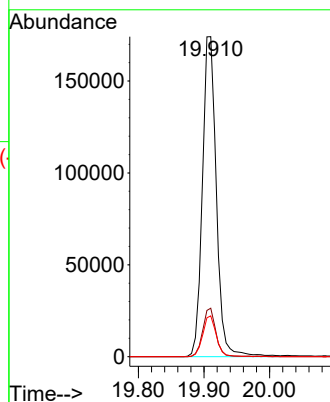
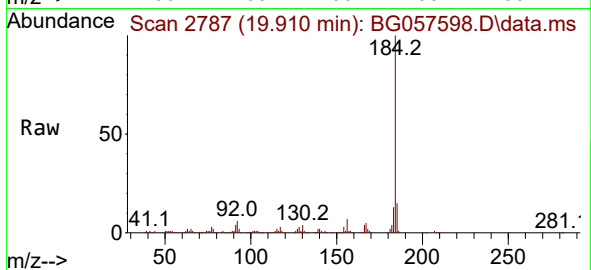
Tgt Ion:184 Resp: 258439

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

183 12.7 10.0 15.0



#78

Pyrene

Concen: 46.520 ng

RT: 20.104 min Scan# 2820

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

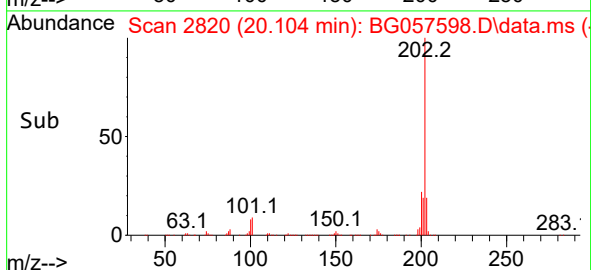
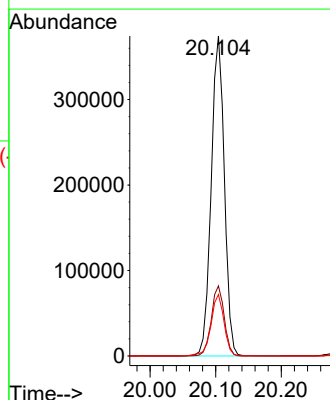
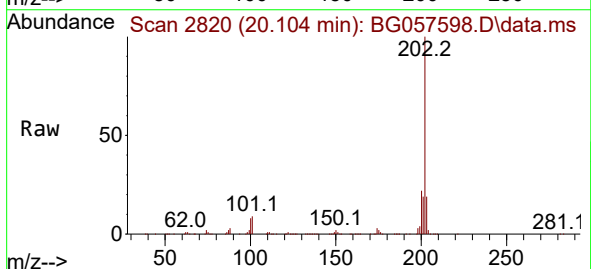
Tgt Ion:202 Resp: 522375

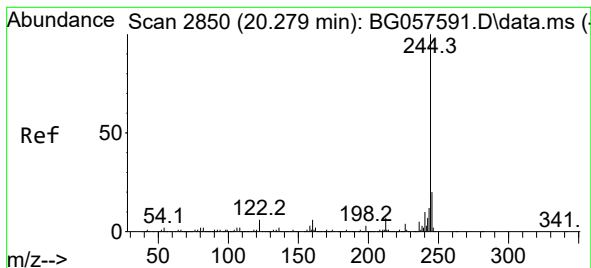
Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

203 19.2 14.5 21.7





#79

Terphenyl-d14

Concen: 95.103 ng

RT: 20.274 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

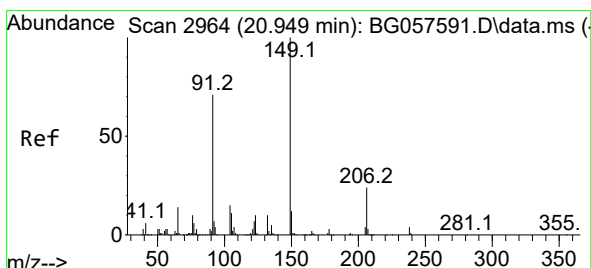
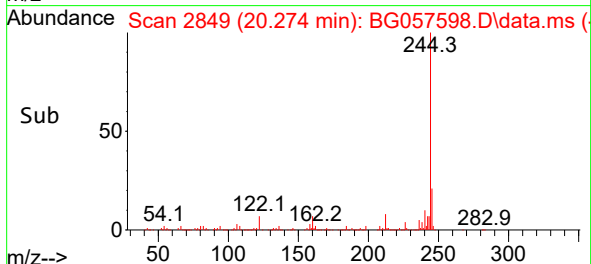
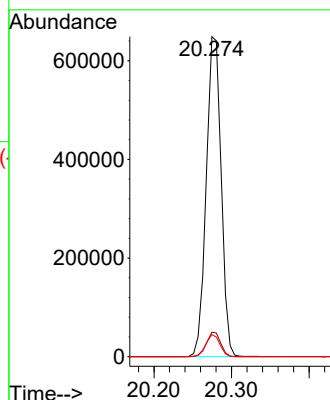
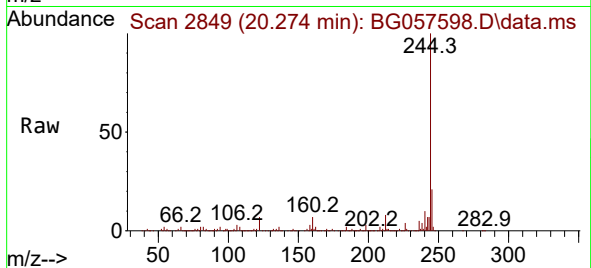
Tgt Ion:244 Resp: 865834

Ion Ratio Lower Upper

244 100

212 7.6 5.6 8.4

122 6.9 4.8 7.2



#80

Butylbenzylphthalate

Concen: 46.434 ng

RT: 20.950 min Scan# 2964

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

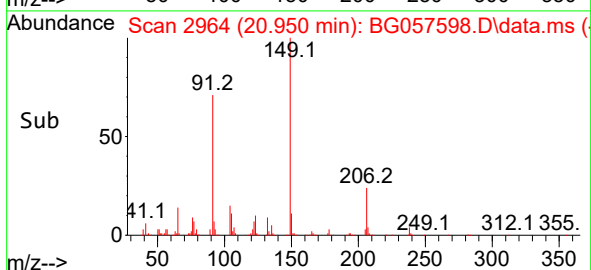
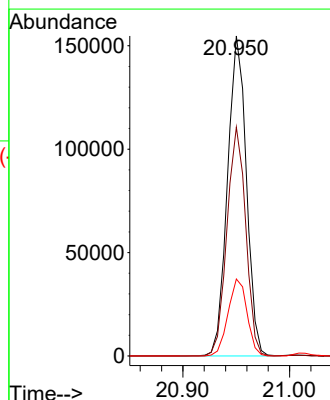
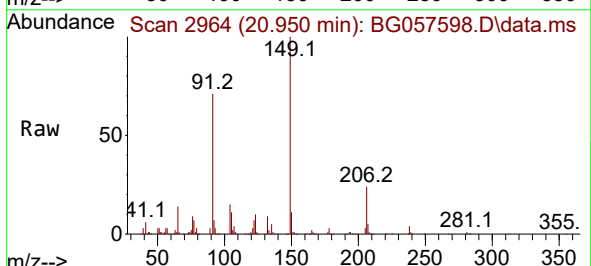
Tgt Ion:149 Resp: 189891

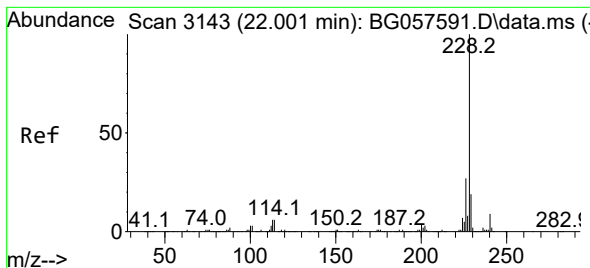
Ion Ratio Lower Upper

149 100

91 71.5 57.0 85.6

206 24.0 19.4 29.2





#81

Benzo(a)anthracene

Concen: 47.037 ng

RT: 21.996 min Scan# 3142

Delta R.T. -0.005 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

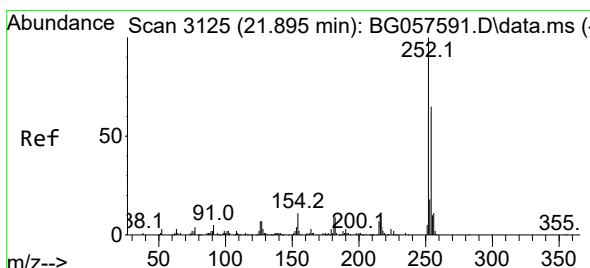
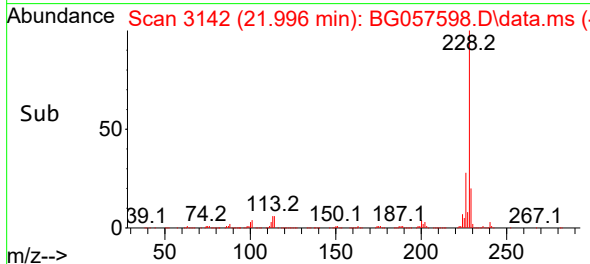
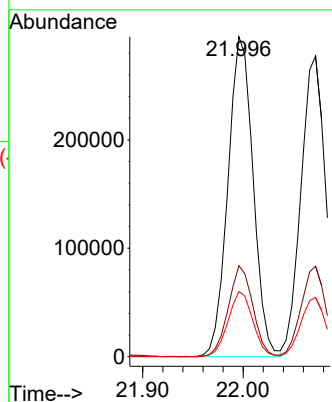
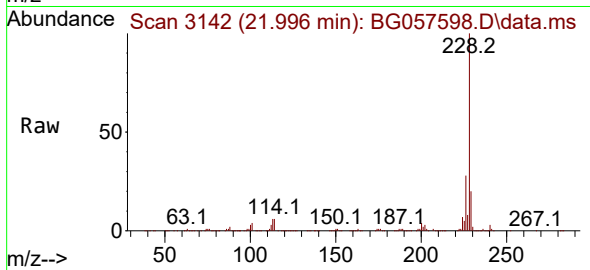
Tgt Ion:228 Resp: 514634

Ion Ratio Lower Upper

228 100

226 28.5 21.4 32.0

229 20.4 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 32.659 ng

RT: 21.896 min Scan# 3125

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

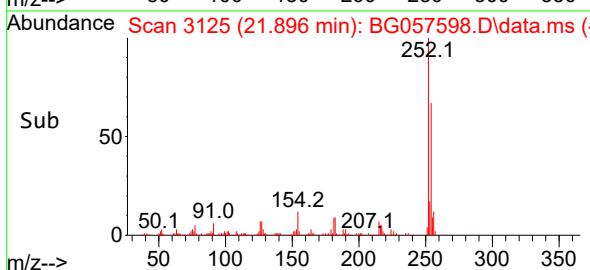
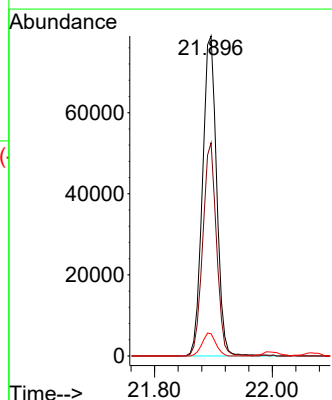
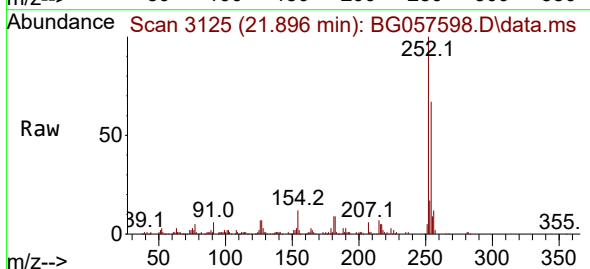
Tgt Ion:252 Resp: 131770

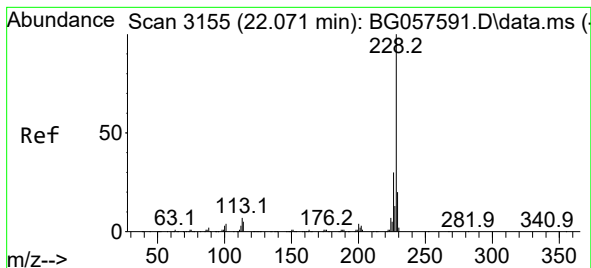
Ion Ratio Lower Upper

252 100

254 66.6 51.8 77.8

126 7.0 5.4 8.2





#83

Chrysene

Concen: 45.437 ng

RT: 22.072 min Scan# 3155

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

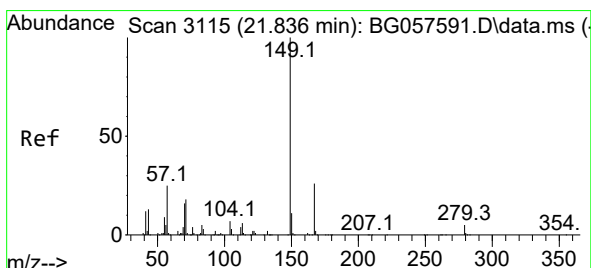
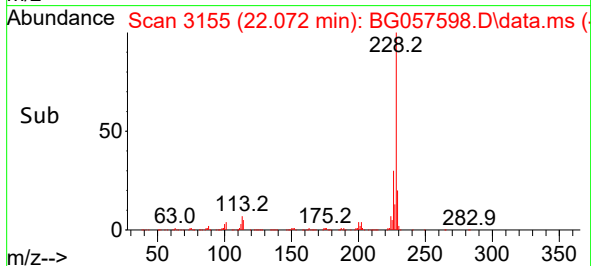
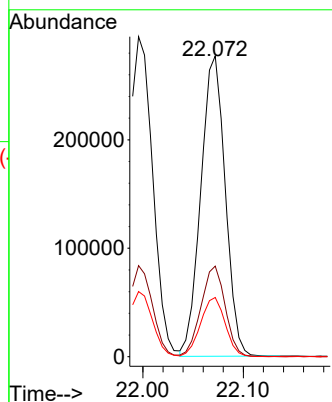
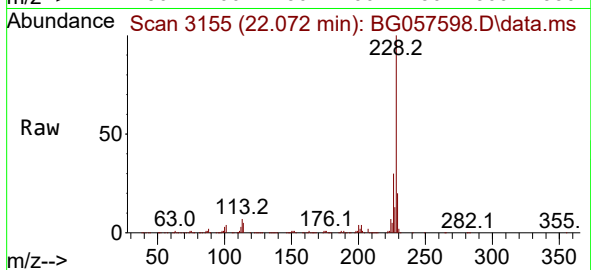
Tgt Ion:228 Resp: 469792

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.381 ng

RT: 21.837 min Scan# 3115

Delta R.T. 0.001 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

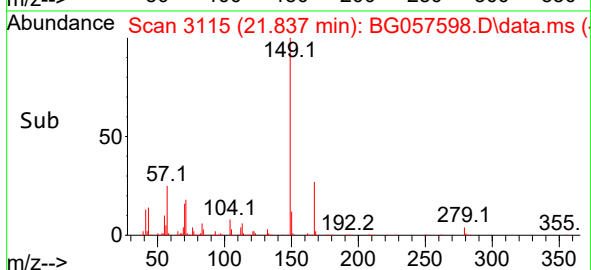
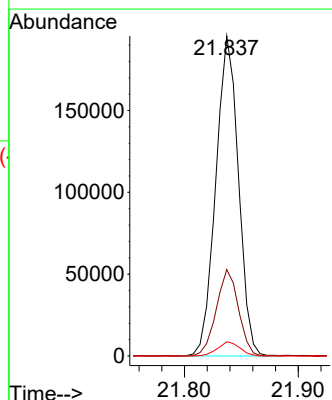
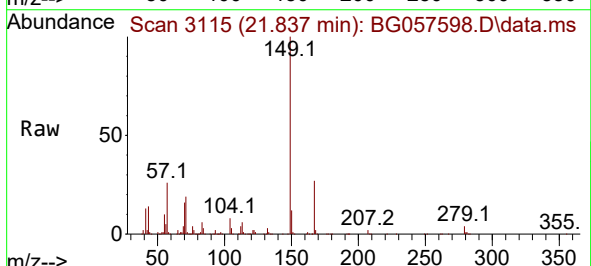
Tgt Ion:149 Resp: 270560

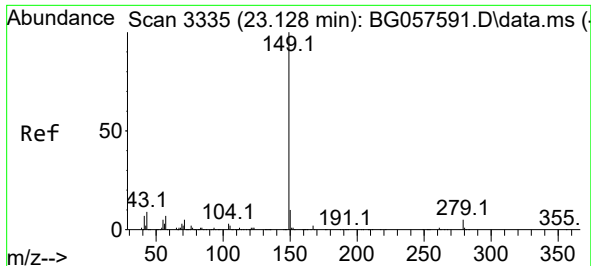
Ion Ratio Lower Upper

149 100

167 27.0 20.6 31.0

279 4.4 3.6 5.4

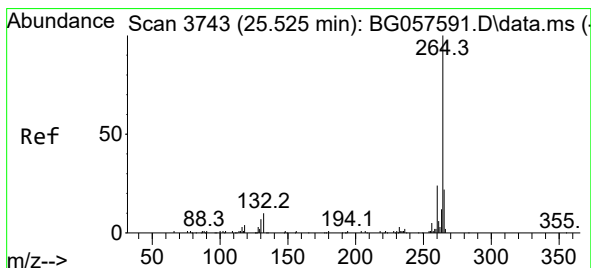
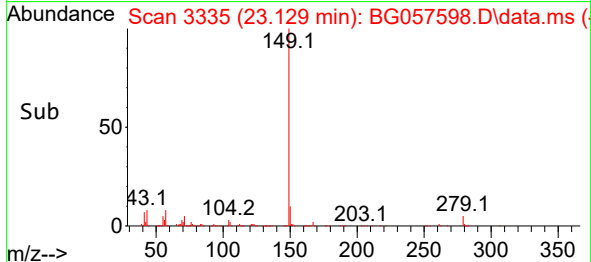
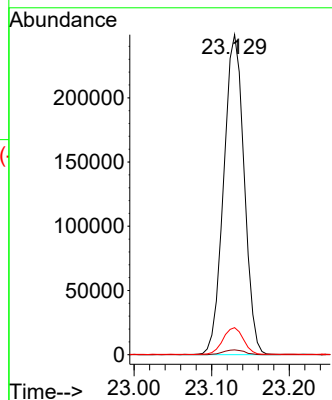
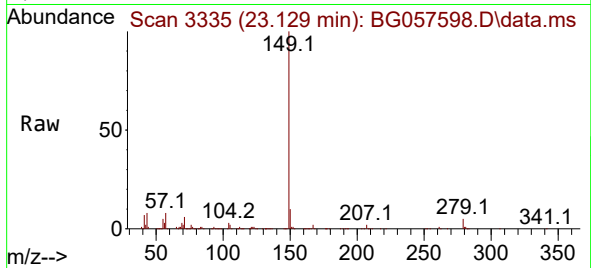




#85
Di-n-octyl phthalate
Concen: 47.229 ng
RT: 23.129 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

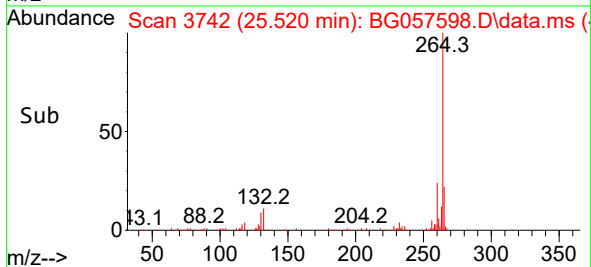
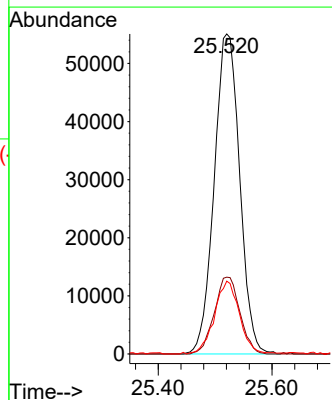
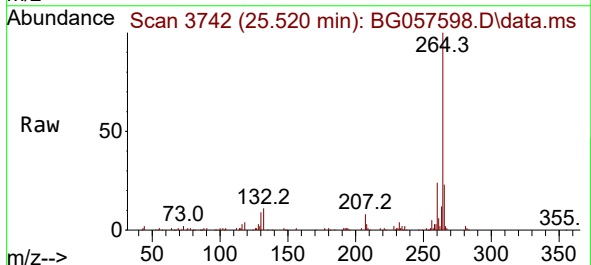
Instrument :
BNA_G
ClientSampleId :
PB153080BS

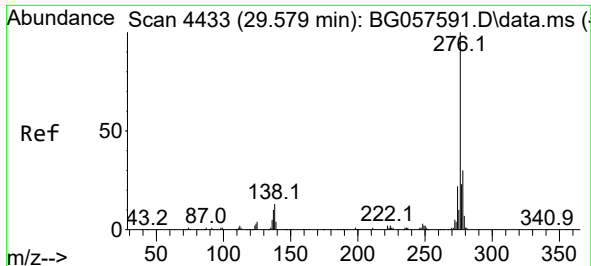
Tgt Ion:149 Resp: 456669
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.520 min Scan# 3742
Delta R.T. -0.005 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:264 Resp: 171291
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.8 17.7 26.5

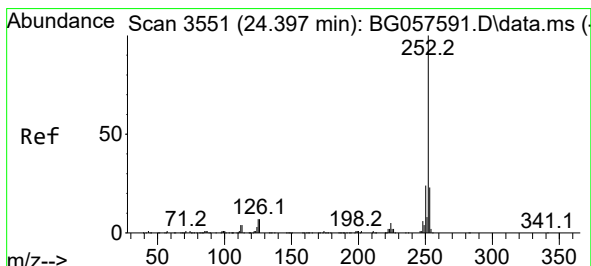
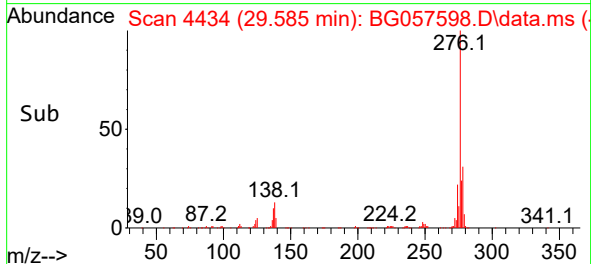
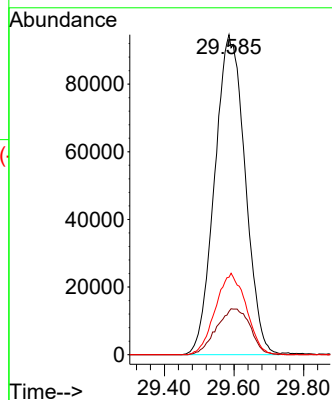
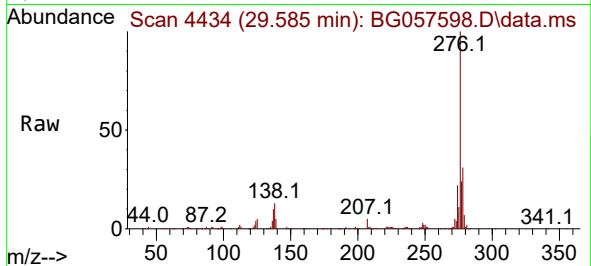




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.000 ng
 RT: 29.585 min Scan# 4433
 Delta R.T. 0.007 min
 Lab File: BG057598.D
 Acq: 27 May 2023 00:38

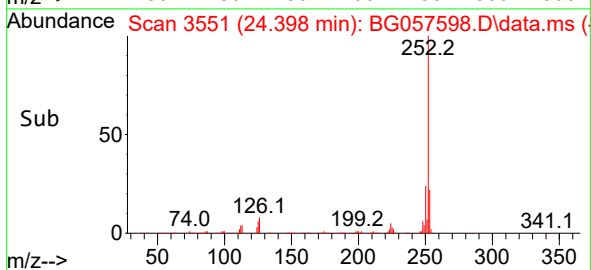
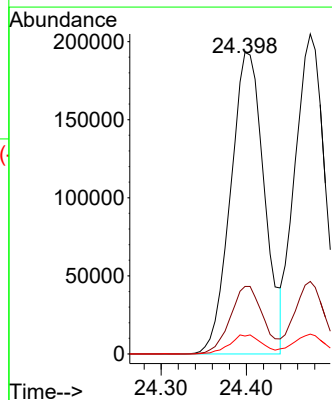
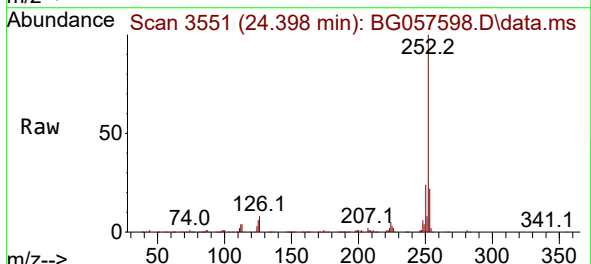
Instrument :
 BNA_G
 ClientSampleId :
 PB153080BS

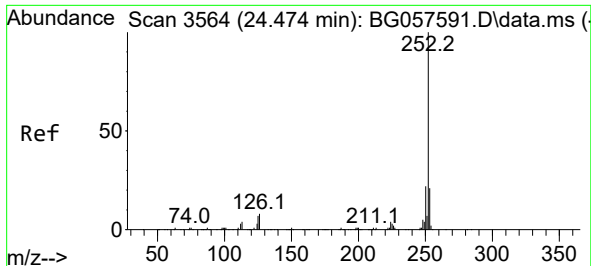
Tgt Ion:276 Resp: 573236
 Ion Ratio Lower Upper
 276 100
 138 15.9 12.3 18.5
 277 25.8 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 50.350 ng
 RT: 24.398 min Scan# 3551
 Delta R.T. 0.001 min
 Lab File: BG057598.D
 Acq: 27 May 2023 00:38

Tgt Ion:252 Resp: 530862
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.4 27.6
 125 5.9 5.2 7.8

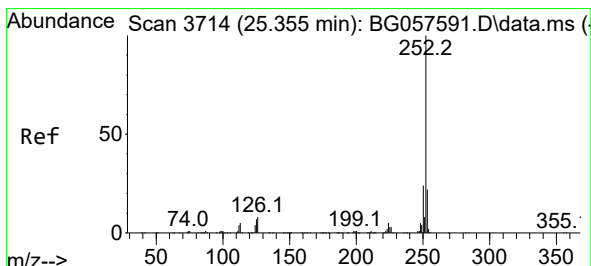
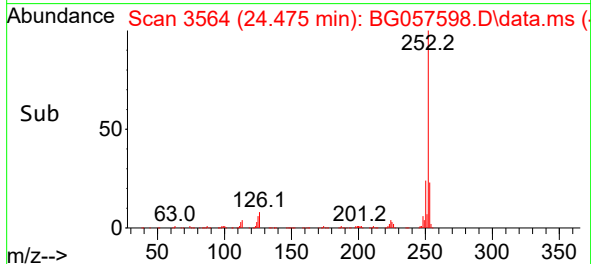
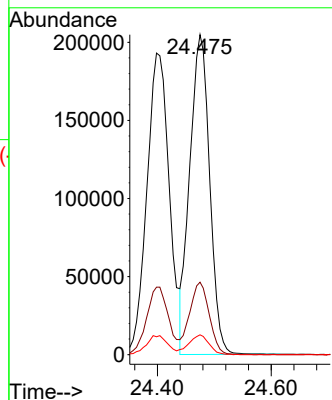
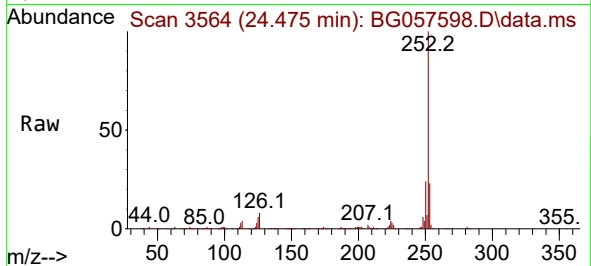




#89
Benzo(k)fluoranthene
Concen: 46.821 ng
RT: 24.475 min Scan# 311
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

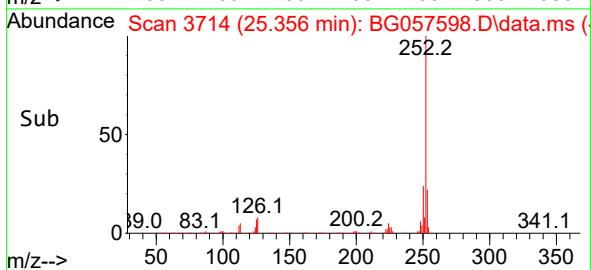
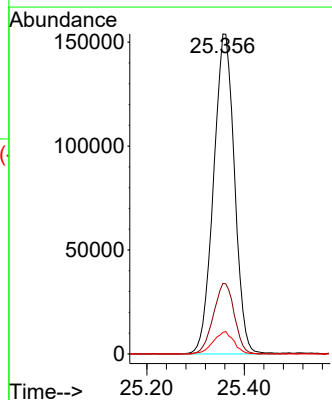
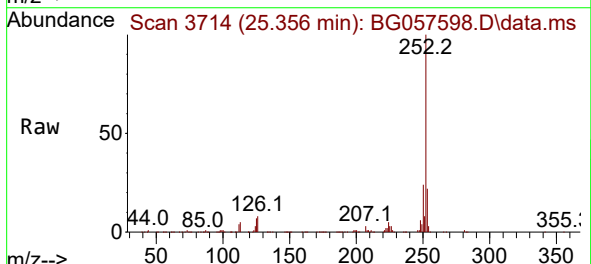
Instrument :
BNA_G
ClientSampleId :
PB153080BS

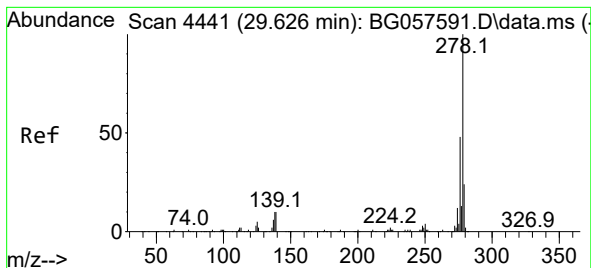
Tgt Ion:252 Resp: 498212
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 6.2 5.1 7.7



#90
Benzo(a)pyrene
Concen: 44.639 ng
RT: 25.356 min Scan# 3714
Delta R.T. 0.001 min
Lab File: BG057598.D
Acq: 27 May 2023 00:38

Tgt Ion:252 Resp: 458983
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.8 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 48.508 ng

RT: 29.632 min Scan# 4442

Delta R.T. 0.007 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Instrument :

BNA_G

ClientSampleId :

PB153080BS

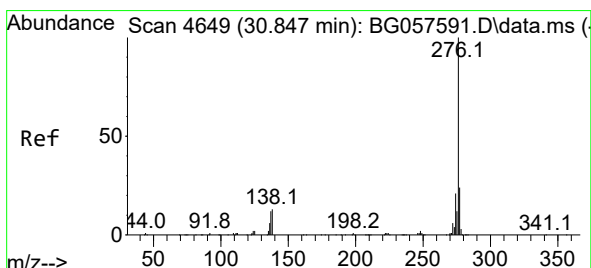
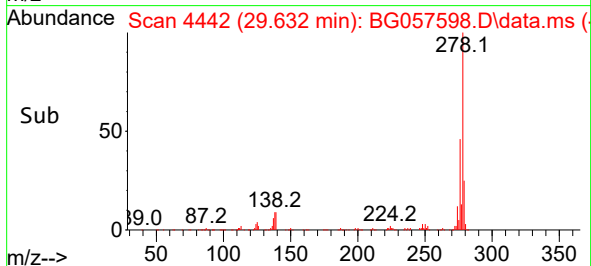
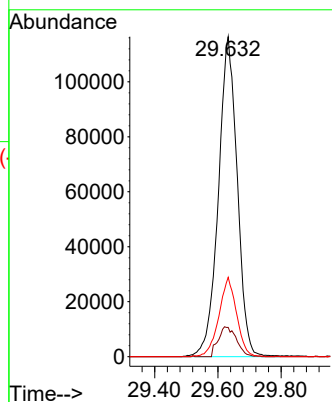
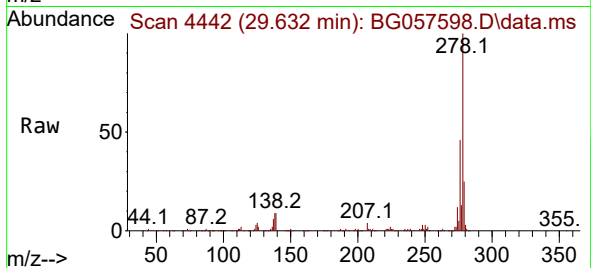
Tgt Ion:278 Resp: 482125

Ion Ratio Lower Upper

278 100

139 9.1 7.8 11.8

279 24.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.100 ng

RT: 30.854 min Scan# 4650

Delta R.T. 0.007 min

Lab File: BG057598.D

Acq: 27 May 2023 00:38

Tgt Ion:276 Resp: 466248

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 13.3 10.2 15.4

