

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057647.D
 Acq On : 6 Jun 2023 21:40
 Operator : CG/JU
 Sample : PB153181BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153181BS

Quant Time: Jun 07 02:50:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	23768	20.000	ng	0.00
21) Naphthalene-d8	11.176	136	100657	20.000	ng	0.00
39) Acenaphthene-d10	14.959	164	74253	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	190603	20.000	ng	0.00
76) Chrysene-d12	22.002	240	169158	20.000	ng	0.00
86) Perylene-d12	25.491	264	182412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	225303	164.684	ng	0.00
7) Phenol-d6	7.492	99	320471	149.679	ng	0.00
23) Nitrobenzene-d5	9.519	82	200299	93.021	ng	0.00
42) 2,4,6-Tribromophenol	16.445	330	157952	132.866	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	502792	97.312	ng	0.00
79) Terphenyl-d14	20.263	244	969451	99.274	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.645	88	21530	37.983	ng	93
3) Pyridine	4.068	79	60873	35.127	ng	97
4) n-Nitrosodimethylamine	3.979	42	30905	44.077	ng	86
6) Aniline	7.651	93	84567	32.650	ng	97
8) 2-Chlorophenol	7.904	128	82407	56.107	ng	97
9) Benzaldehyde	7.463	77	42050	29.643	ng	94
10) Phenol	7.516	94	111978	55.258	ng	99
11) bis(2-Chloroethyl)ether	7.739	93	77781	51.403	ng	98
12) 1,3-Dichlorobenzene	8.227	146	83380	53.286	ng	99
13) 1,4-Dichlorobenzene	8.373	146	85887	53.952	ng	98
14) 1,2-Dichlorobenzene	8.702	146	82589	53.189	ng	94
15) Benzyl Alcohol	8.579	79	84107	51.067	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.849	45	101213	53.868	ng	94
17) 2-Methylphenol	8.785	107	76614	51.483	ng	96
18) Hexachloroethane	9.431	117	30644	56.218	ng	94
19) n-Nitroso-di-n-propyla...	9.143	70	70186	47.185	ng	99
20) 3+4-Methylphenols	9.114	107	103977	49.772	ng	97
22) Acetophenone	9.172	105	129704	48.189	ng	96
24) Nitrobenzene	9.560	77	103534	47.368	ng	99
25) Isophorone	10.083	82	193648	45.754	ng	98
26) 2-Nitrophenol	10.283	139	47649	50.844	ng	97
27) 2,4-Dimethylphenol	10.330	122	83786	51.711	ng	99
28) bis(2-Chloroethoxy)met...	10.553	93	111121	50.633	ng	99
29) 2,4-Dichlorophenol	10.829	162	88940	52.264	ng	98
30) 1,2,4-Trichlorobenzene	11.035	180	92365	49.801	ng	99
31) Naphthalene	11.228	128	253428	47.595	ng	98
32) Benzoic acid	10.500	122	38348	41.619	ng	95
33) 4-Chloroaniline	11.340	127	55074	22.492	ng	97
34) Hexachlorobutadiene	11.493	225	62354	48.607	ng	97
35) Caprolactam	12.115	113	20842	29.544	ng	99
36) 4-Chloro-3-methylphenol	12.439	107	98724	49.011	ng	96
37) 2-Methylnaphthalene	12.809	142	190807	45.658	ng	99
38) 1-Methylnaphthalene	13.026	142	178826	44.841	ng	100
40) 1,2,4,5-Tetrachloroben...	13.173	216	122862	50.411	ng	99
41) Hexachlorocyclopentadiene	13.138	237	69268	98.062	ng	99
43) 2,4,6-Trichlorophenol	13.408	196	80088	52.196	ng	99

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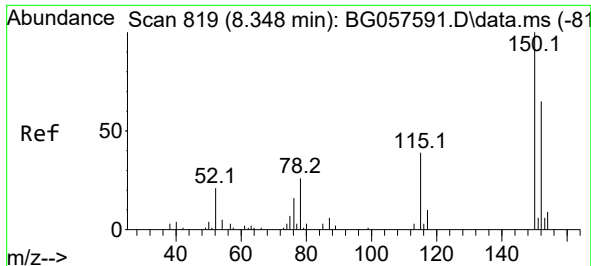
Quant Time: Jun 07 02:50:30 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.496	196	83418	45.647	ng	97
46) 1,1'-Biphenyl	13.796	154	272461	51.340	ng	99
47) 2-Chloronaphthalene	13.848	162	206326	51.616	ng	98
48) 2-Nitroaniline	14.048	65	68309	48.785	ng	98
49) Acenaphthylene	14.688	152	331175	48.926	ng	99
50) Dimethylphthalate	14.395	163	283178	46.272	ng	100
51) 2,6-Dinitrotoluene	14.530	165	63863	48.749	ng	94
52) Acenaphthene	15.023	154	203750	49.193	ng	97
53) 3-Nitroaniline	14.865	138	40382	29.554	ng #	94
54) 2,4-Dinitrophenol	15.088	184	70550	88.452	ng	96
55) Dibenzofuran	15.352	168	336877	47.600	ng	99
56) 4-Nitrophenol	15.182	139	83597	91.825	ng	95
57) 2,4-Dinitrotoluene	15.323	165	94855	48.359	ng	99
58) Fluorene	15.998	166	284708	47.645	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.499	232	71559	41.798	ng	94
60) Diethylphthalate	15.740	149	296262	46.381	ng	100
61) 4-Chlorophenyl-phenyle...	15.975	204	157751	47.370	ng	99
62) 4-Nitroaniline	16.028	138	65542	44.467	ng	89
63) Azobenzene	16.269	77	273006	48.059	ng	98
65) 4,6-Dinitro-2-methylph...	16.092	198	58962	50.805	ng	96
66) n-Nitrosodiphenylamine	16.192	169	253042	51.078	ng	99
67) 4-Bromophenyl-phenylether	16.868	248	108028	50.526	ng	97
68) Hexachlorobenzene	17.003	284	114507	51.956	ng	99
69) Atrazine	17.126	200	113665	53.441	ng	99
70) Pentachlorophenol	17.355	266	95326	84.887	ng	97
71) Phenanthrene	17.743	178	483277	49.547	ng	99
72) Anthracene	17.831	178	489921	48.962	ng	98
73) Carbazole	18.101	167	445613	49.782	ng	99
74) Di-n-butylphthalate	18.613	149	526119	49.511	ng	99
75) Fluoranthene	19.729	202	587826	46.423	ng	99
77) Benzidine	19.899	184	247523	48.356	ng	99
78) Pyrene	20.093	202	598896	49.724	ng	99
80) Butylbenzylphthalate	20.939	149	227643	51.896	ng	97
81) Benzo(a)anthracene	21.979	228	576418	49.117	ng	99
82) 3,3'-Dichlorobenzidine	21.879	252	134200	31.010	ng	98
83) Chrysene	22.055	228	524180	47.265	ng	99
84) Bis(2-ethylhexyl)phtha...	21.820	149	325576	52.033	ng	98
85) Di-n-octyl phthalate	23.106	149	546619	52.704	ng	99
87) Indeno(1,2,3-cd)pyrene	29.545	276	643761	50.619	ng	98
88) Benzo(b)fluoranthene	24.375	252	579273	51.592	ng	99
89) Benzo(k)fluoranthene	24.452	252	570825	50.375	ng	98
90) Benzo(a)pyrene	25.333	252	512856	46.837	ng #	98
91) Dibenzo(a,h)anthracene	29.592	278	539659	50.986	ng	99
92) Benzo(g,h,i)perylene	30.814	276	524257	50.787	ng	98

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

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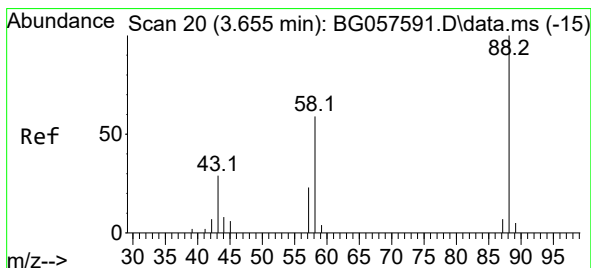
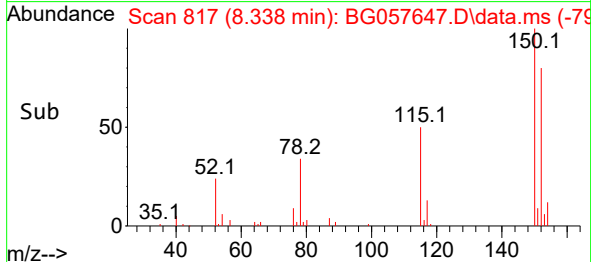
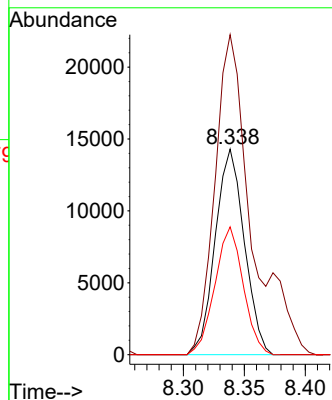
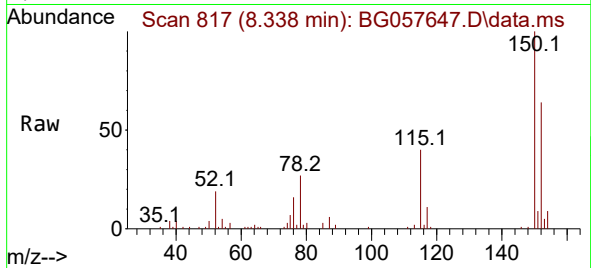




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

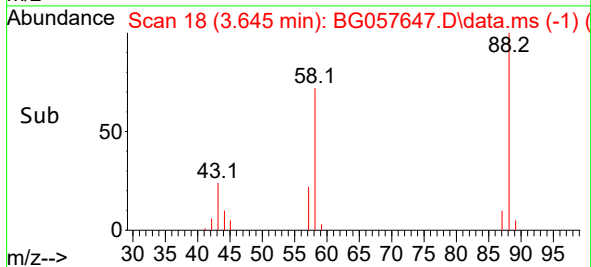
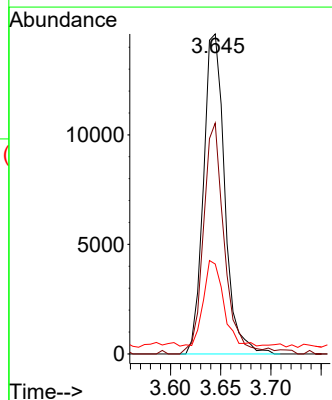
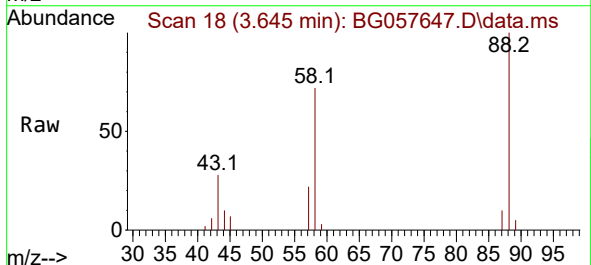
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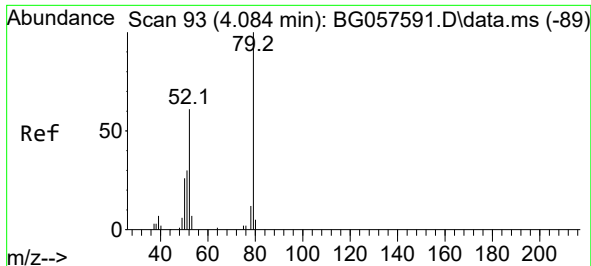
Tgt Ion:152 Resp: 23768
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.4
115 62.2 47.4 71.2



#2
1,4-Dioxane
Concen: 37.983 ng
RT: 3.645 min Scan# 18
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion: 88 Resp: 21530
Ion Ratio Lower Upper
88 100
58 72.0 52.6 79.0
43 25.4 22.1 33.1



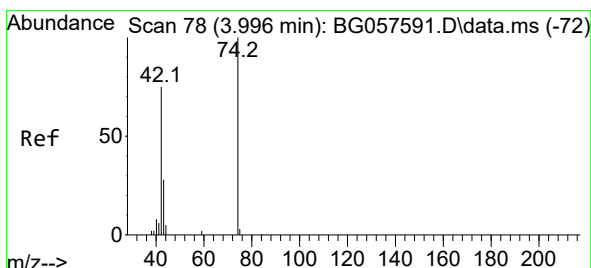
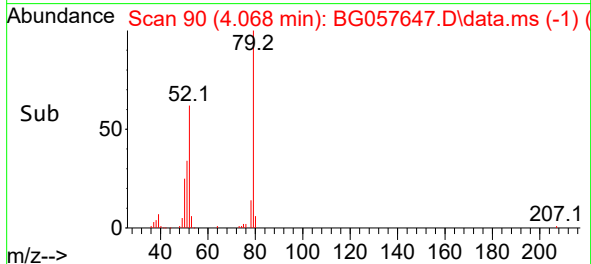
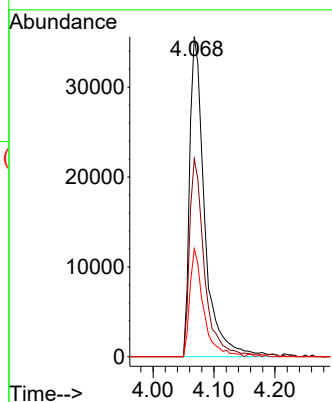
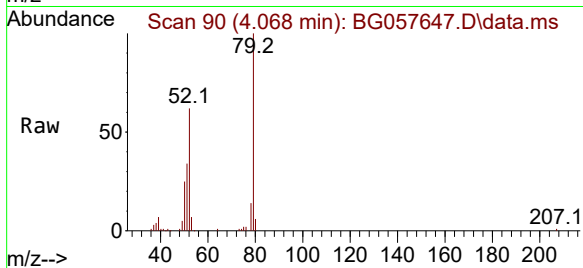


#3
 Pyridine
 Concen: 35.127 ng
 RT: 4.068 min Scan# 90
 Delta R.T. -0.001 min
 Lab File: BG057647.D
 Acq: 6 Jun 2023 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB153181BS

Tgt Ion: 79 Resp: 60873

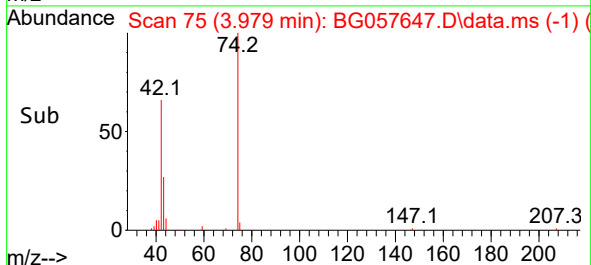
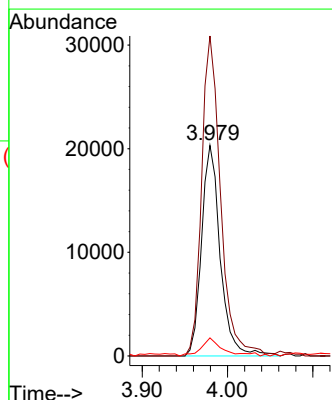
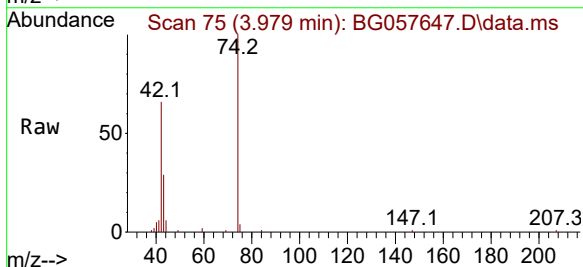
Ion	Ratio	Lower	Upper
79	100		
52	61.8	48.4	72.6
51	33.7	24.4	36.6

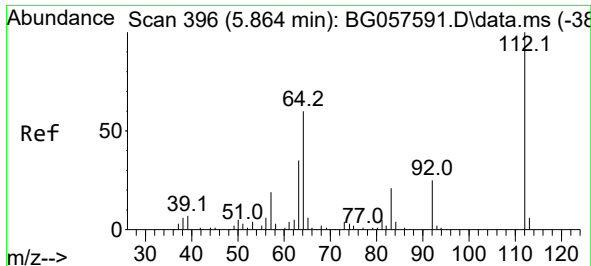


#4
 n-Nitrosodimethylamine
 Concen: 44.077 ng
 RT: 3.979 min Scan# 75
 Delta R.T. -0.001 min
 Lab File: BG057647.D
 Acq: 6 Jun 2023 21:40

Tgt Ion: 42 Resp: 30905

Ion	Ratio	Lower	Upper
42	100		
74	152.0	107.3	160.9
44	8.6	6.1	9.1

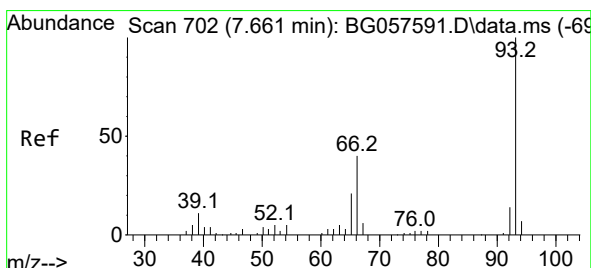
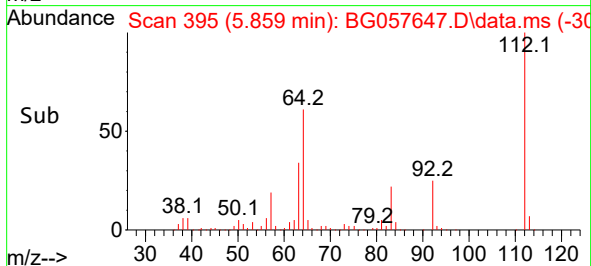
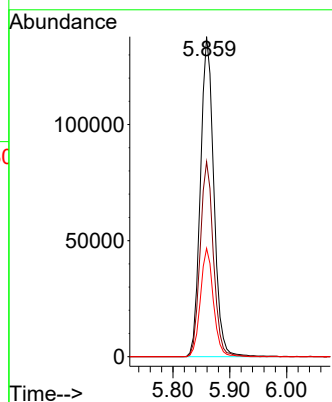
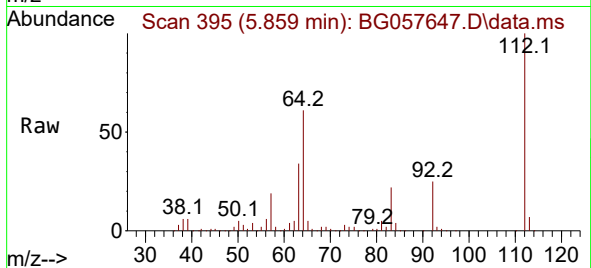




#5
2-Fluorophenol
Concen: 164.684 ng
RT: 5.859 min Scan# 395
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

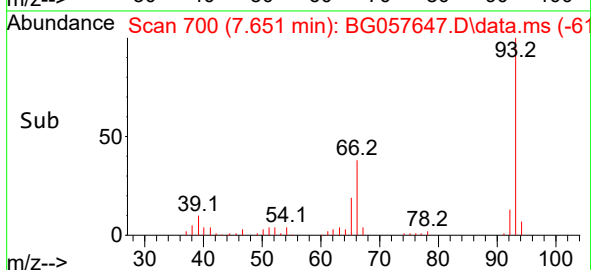
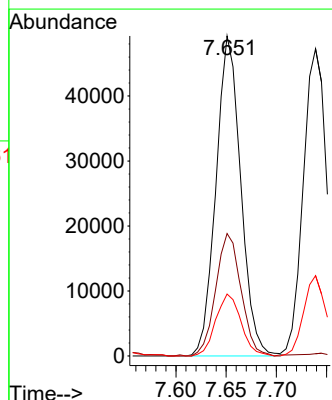
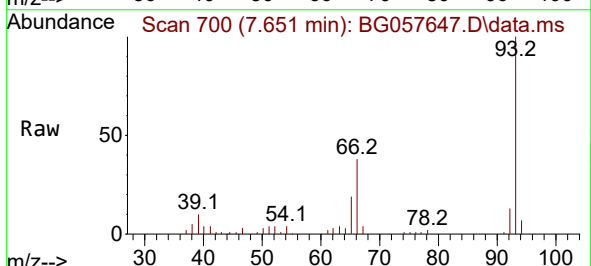
Instrument :
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ClientSampleId :
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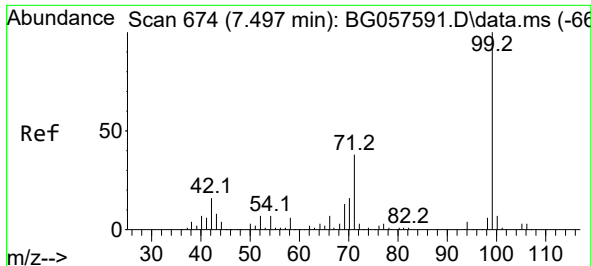
Tgt Ion:112 Resp: 225303
Ion Ratio Lower Upper
112 100
64 60.9 47.8 71.6
63 33.9 27.8 41.8



#6
Aniline
Concen: 32.650 ng
RT: 7.651 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion: 93 Resp: 84567
Ion Ratio Lower Upper
93 100
66 38.2 32.2 48.4
65 19.3 16.7 25.1

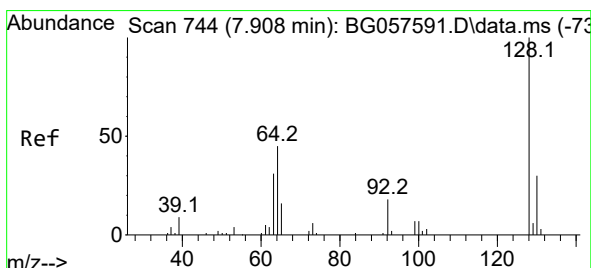
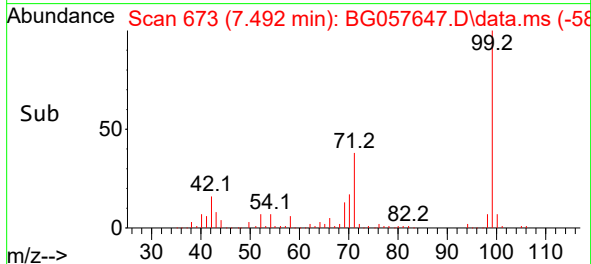
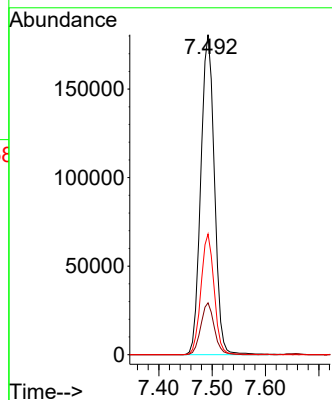
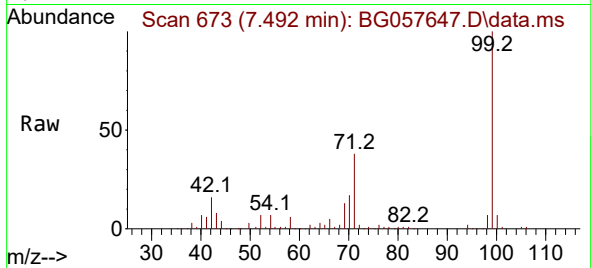




#7
Phenol-d6
Concen: 149.679 ng
RT: 7.492 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

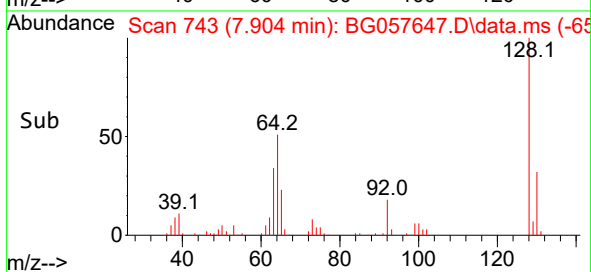
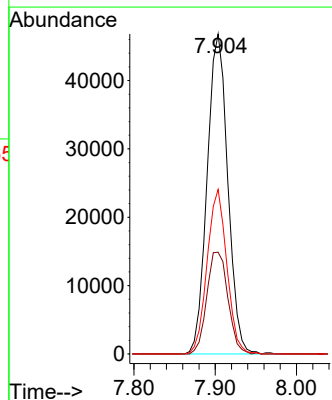
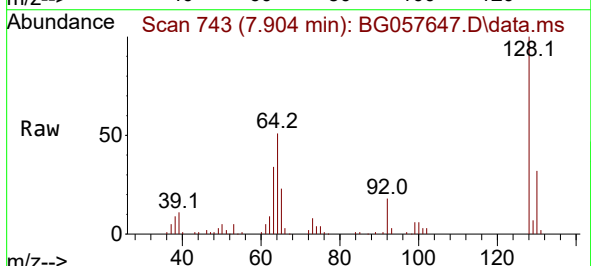
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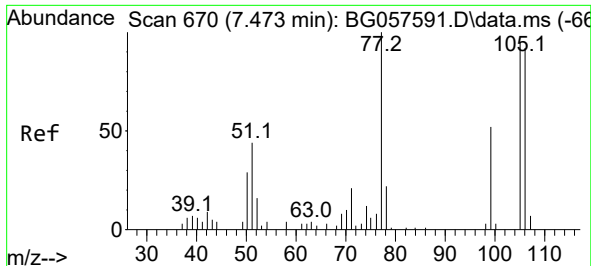
Tgt Ion: 99 Resp: 320471
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 37.7 30.3 45.5



#8
2-Chlorophenol
Concen: 56.107 ng
RT: 7.904 min Scan# 743
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:128 Resp: 82407
Ion Ratio Lower Upper
128 100
130 31.8 10.5 50.5
64 51.4 33.8 73.8

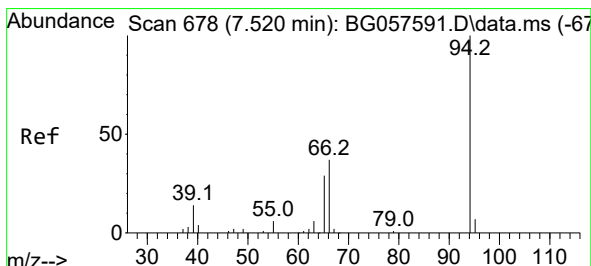
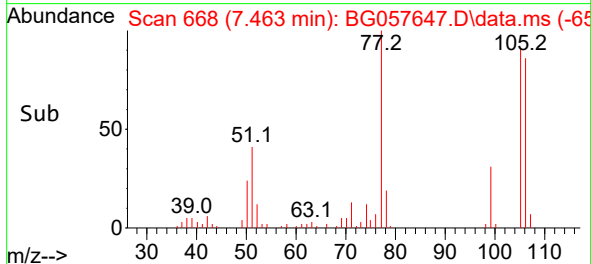
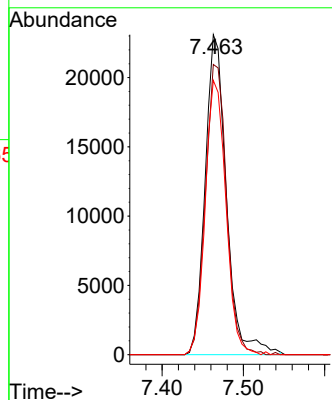
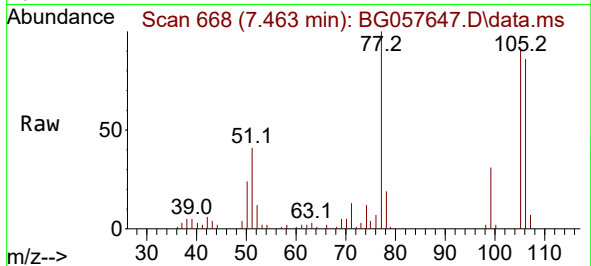




#9
Benzaldehyde
Concen: 29.643 ng
RT: 7.463 min Scan# 610
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

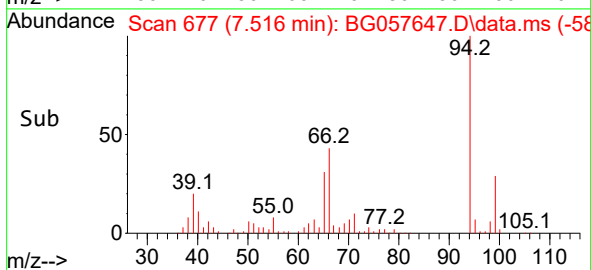
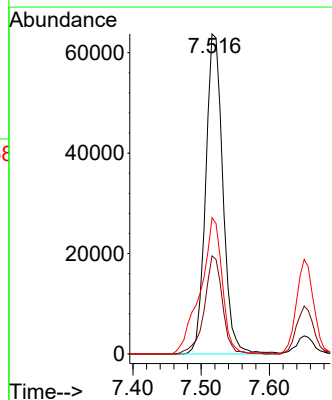
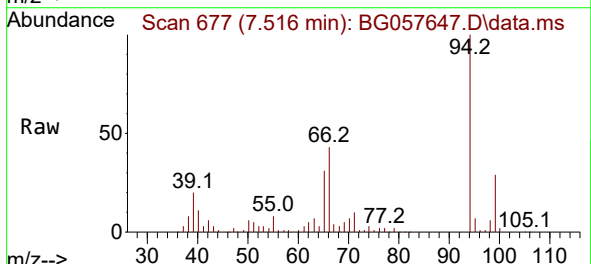
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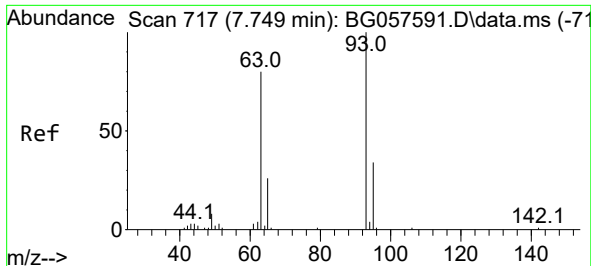
Tgt Ion: 77 Resp: 42050
Ion Ratio Lower Upper
77 100
105 90.7 75.0 115.0
106 85.7 72.5 112.5



#10
Phenol
Concen: 55.258 ng
RT: 7.516 min Scan# 677
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion: 94 Resp: 111978
Ion Ratio Lower Upper
94 100
65 30.6 9.6 49.6
66 42.6 22.0 62.0

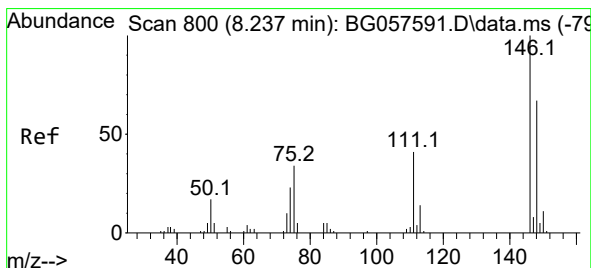
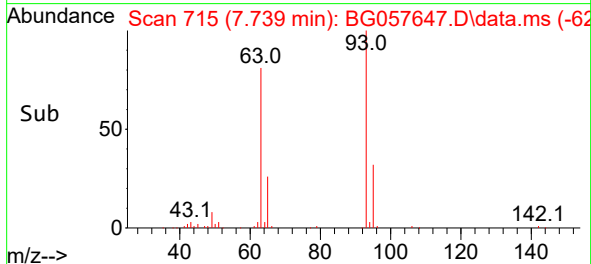
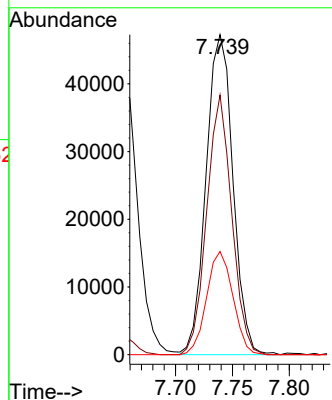
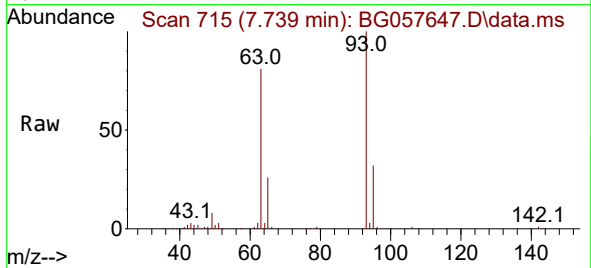




#11
bis(2-Chloroethyl)ether
Concen: 51.403 ng
RT: 7.739 min Scan# 715
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

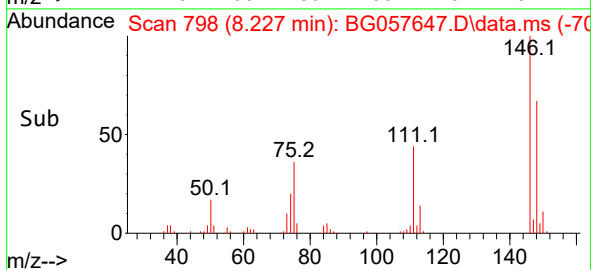
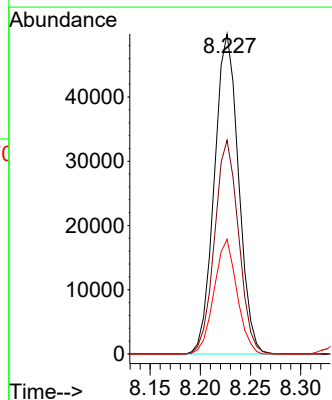
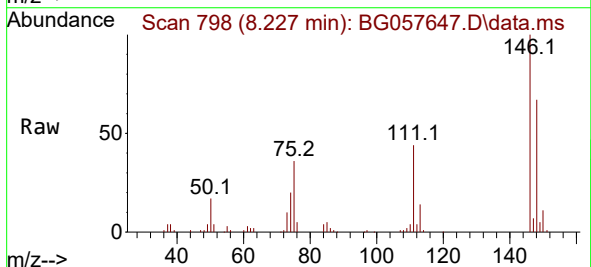
Instrument :
BNA_G
ClientSampleId :
PB153181BS

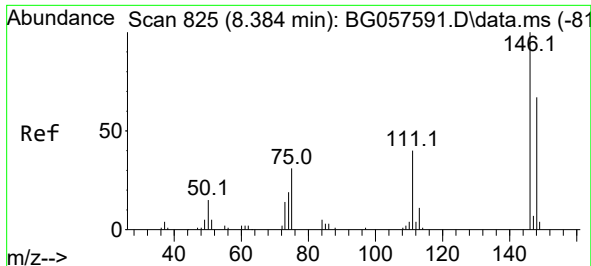
Tgt Ion: 93 Resp: 77781
Ion Ratio Lower Upper
93 100
63 81.1 59.3 99.3
95 32.2 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 53.286 ng
RT: 8.227 min Scan# 798
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion: 146 Resp: 83380
Ion Ratio Lower Upper
146 100
148 66.8 53.4 80.0
75 35.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 53.952 ng

RT: 8.373 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

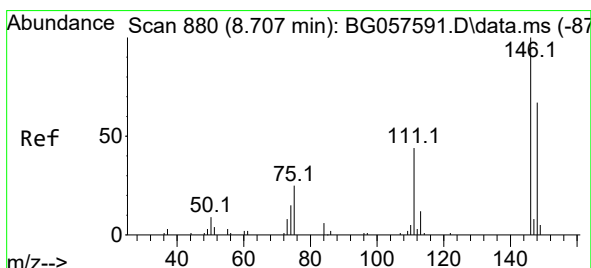
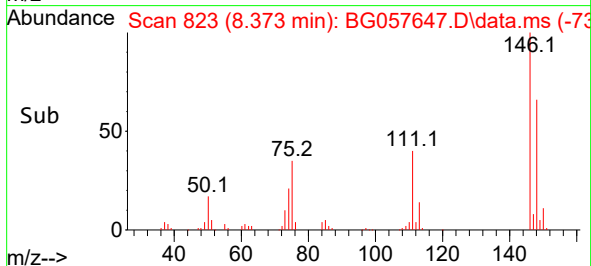
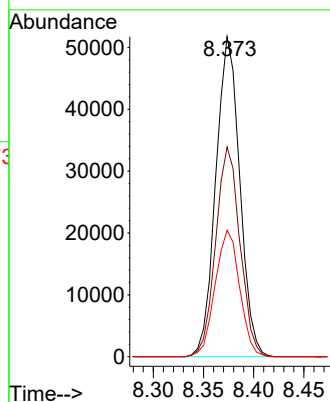
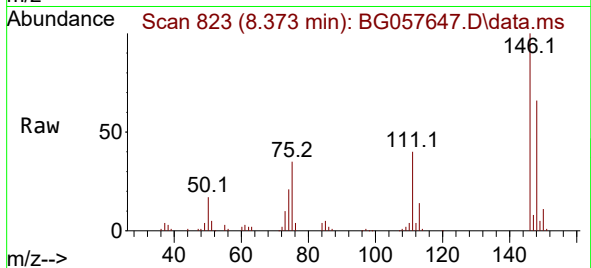
Tgt Ion:146 Resp: 85887

Ion Ratio Lower Upper

146 100

148 65.5 53.8 80.6

111 39.5 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 53.189 ng

RT: 8.702 min Scan# 879

Delta R.T. 0.005 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

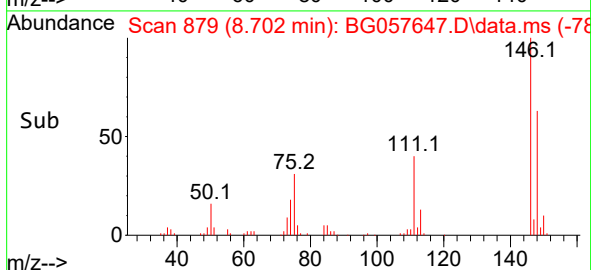
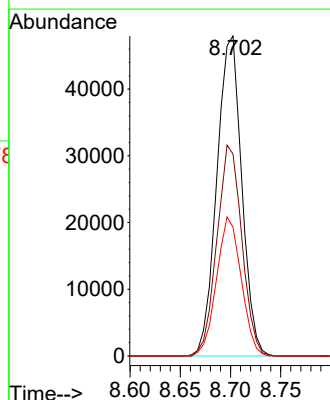
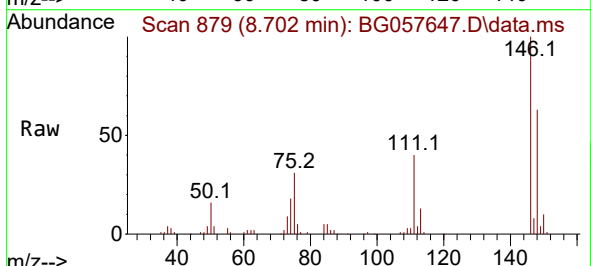
Tgt Ion:146 Resp: 82589

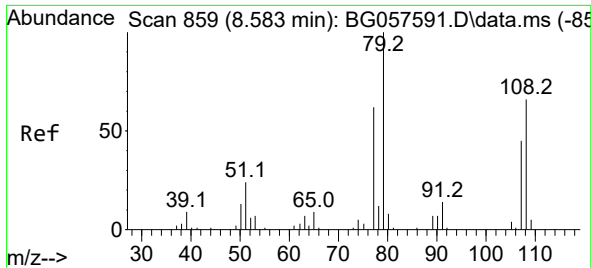
Ion Ratio Lower Upper

146 100

148 63.1 53.5 80.3

111 40.2 36.6 54.8

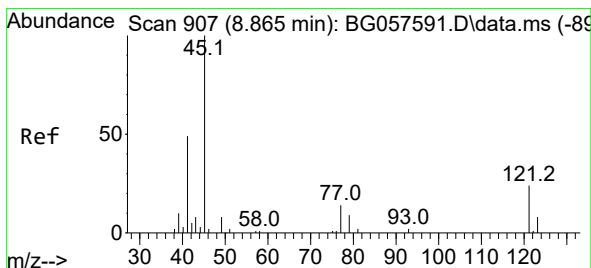
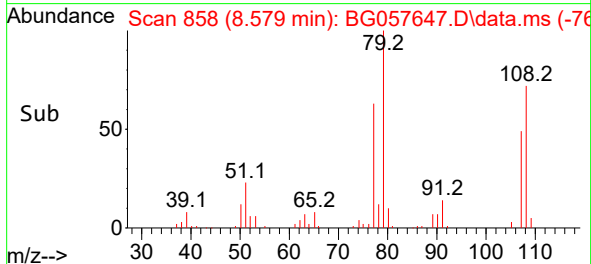
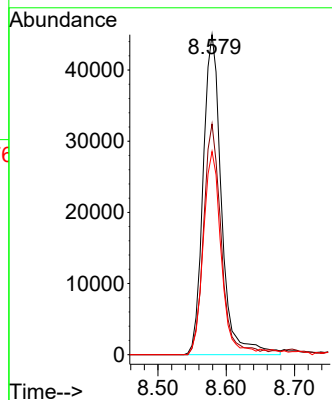
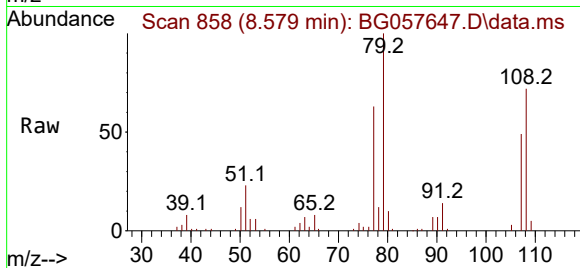




#15
Benzyl Alcohol
Concen: 51.067 ng
RT: 8.579 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

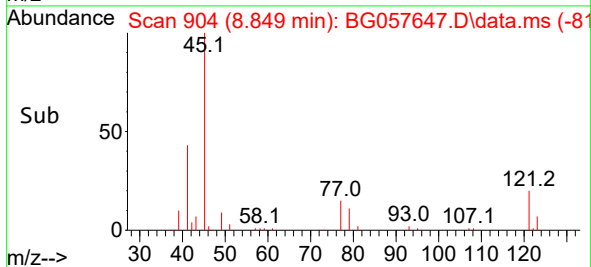
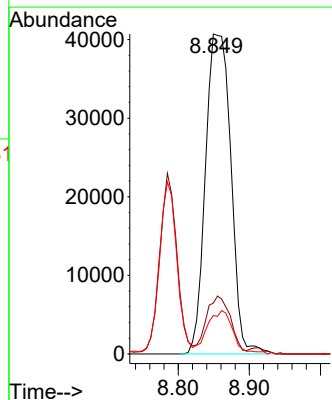
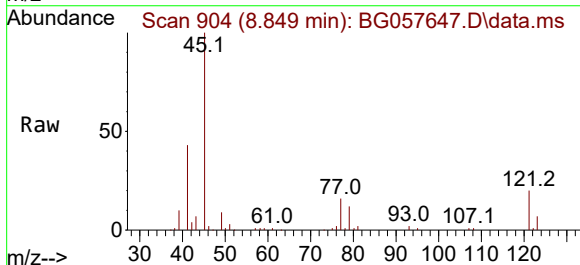
Instrument :
BNA_G
ClientSampleId :
PB153181BS

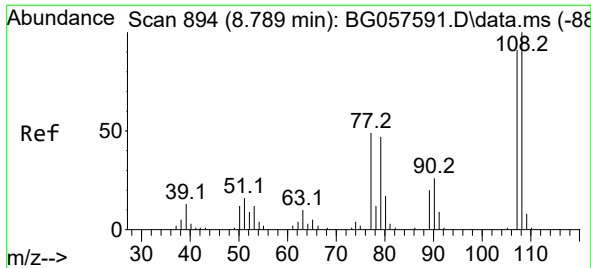
Tgt Ion: 79 Resp: 84107
Ion Ratio Lower Upper
79 100
108 72.1 52.6 78.8
77 63.5 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.868 ng
RT: 8.849 min Scan# 904
Delta R.T. -0.007 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion: 45 Resp: 101213
Ion Ratio Lower Upper
45 100
77 15.9 0.0 39.2
79 12.0 0.0 34.2

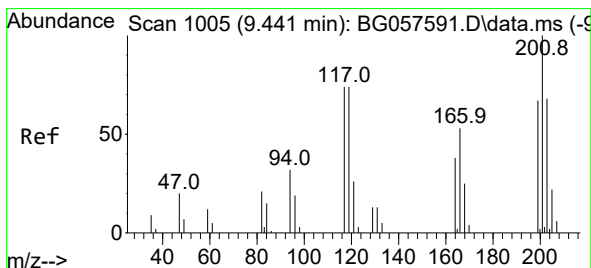
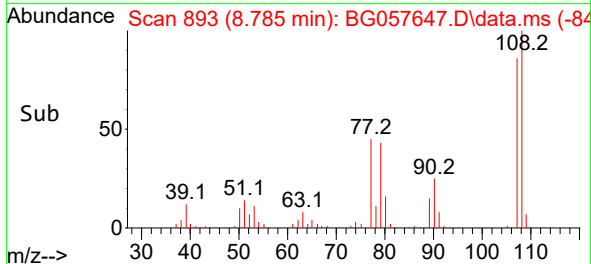
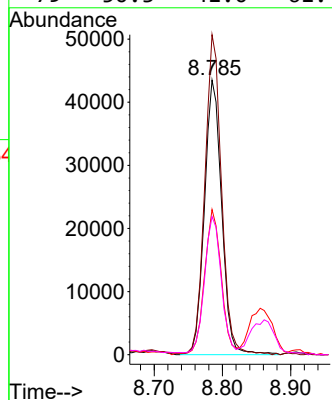
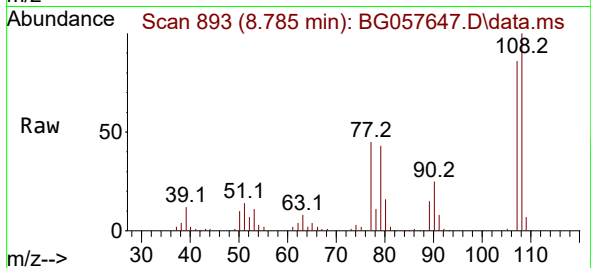




#17
2-Methylphenol
Concen: 51.483 ng
RT: 8.785 min Scan# 894
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

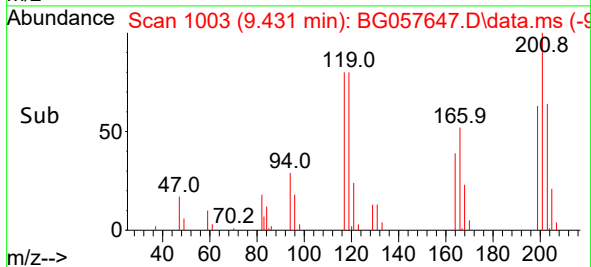
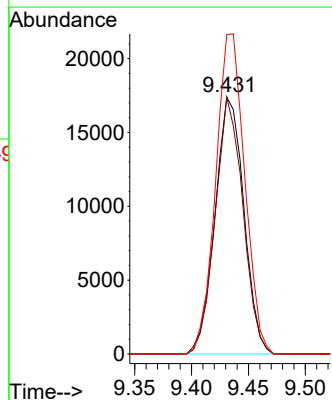
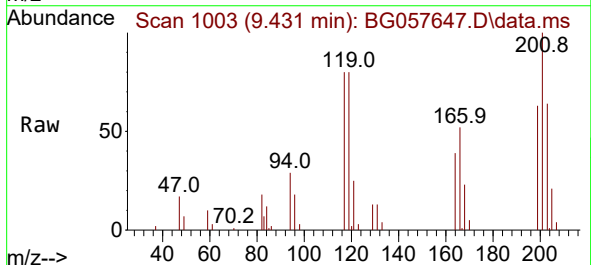
Instrument :
BNA_G
ClientSampleId :
PB153181BS

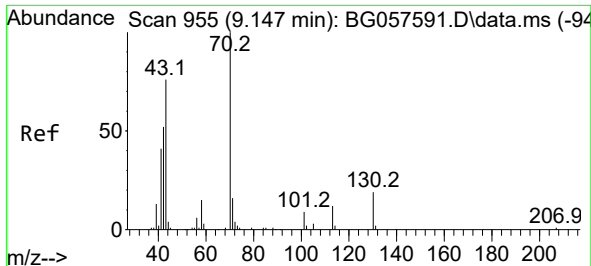
Tgt Ion:	107	Resp:	76614
Ion	Ratio	Lower	Upper
107	100		
108	116.6	87.7	131.5
77	52.9	43.0	64.6
79	50.3	41.0	61.4



#18
Hexachloroethane
Concen: 56.218 ng
RT: 9.431 min Scan# 1003
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:	117	Resp:	30644
Ion	Ratio	Lower	Upper
117	100		
119	100.0	80.6	121.0
201	124.4	108.8	163.2

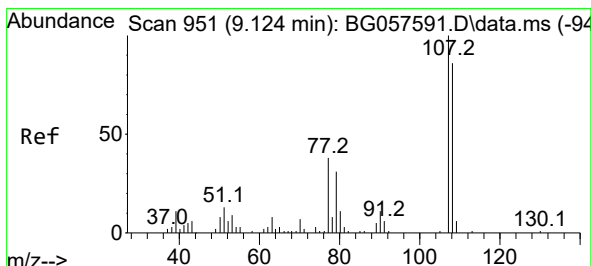
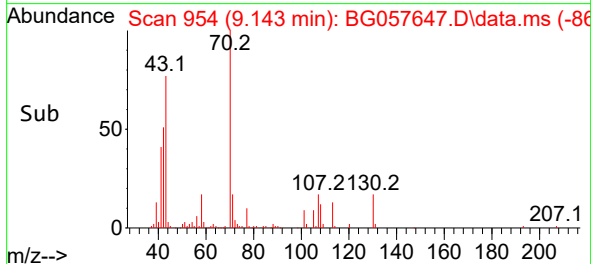
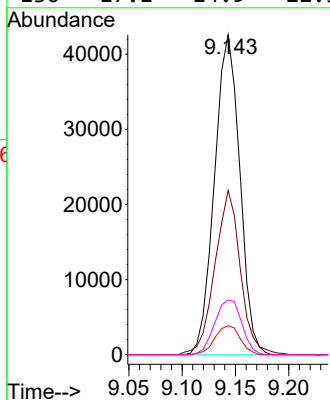
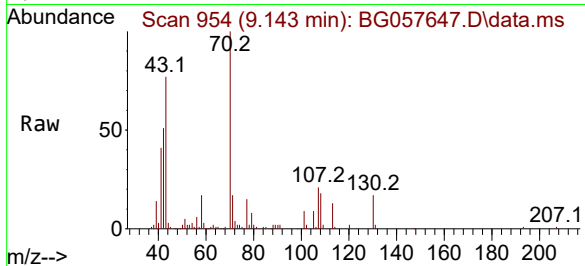




#19
n-Nitroso-di-n-propylamine
Concen: 47.185 ng
RT: 9.143 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

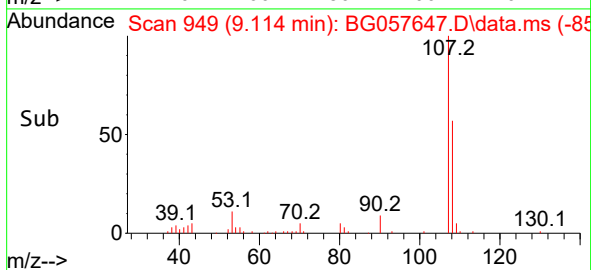
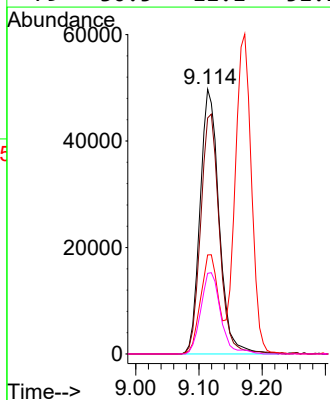
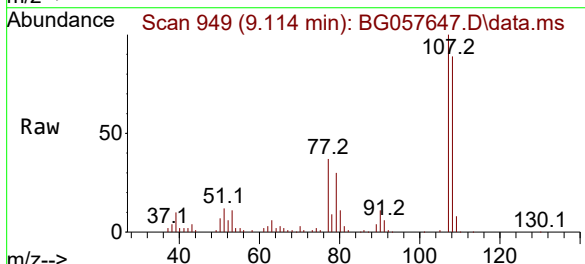
Instrument :
BNA_G
ClientSampleId :
PB153181BS

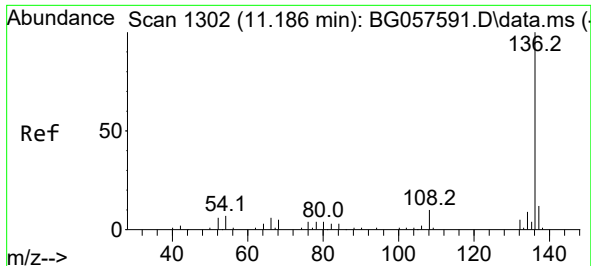
Tgt Ion:	70	Resp:	70186
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.4	62.0
101	9.1	6.9	10.3
130	17.1	14.9	22.3



#20
3+4-Methylphenols
Concen: 49.772 ng
RT: 9.114 min Scan# 949
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:	107	Resp:	103977
Ion	Ratio	Lower	Upper
107	100		
108	89.1	65.6	105.6
77	37.4	18.0	58.0
79	30.5	11.1	51.1

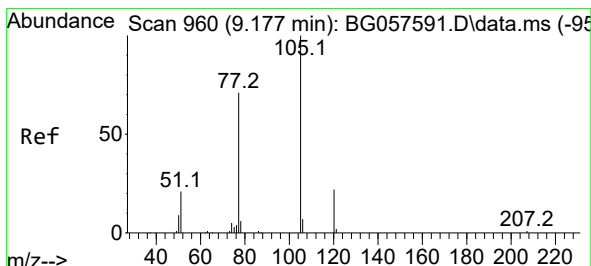
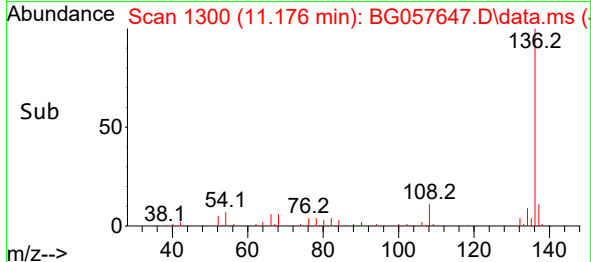
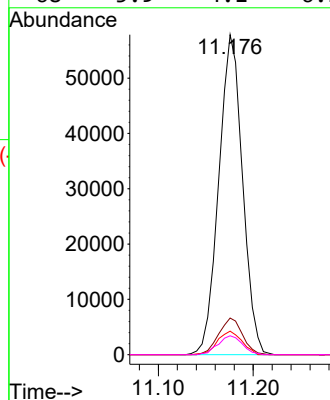
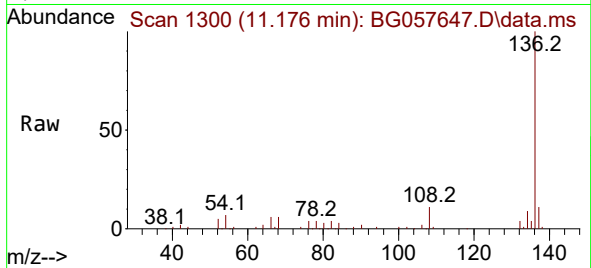




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.176 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

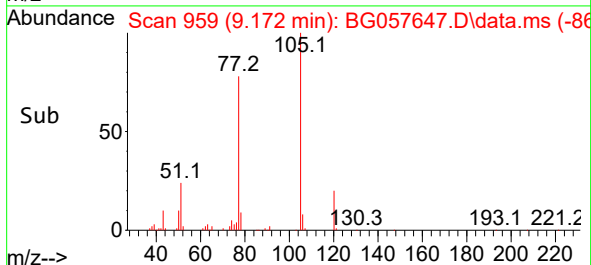
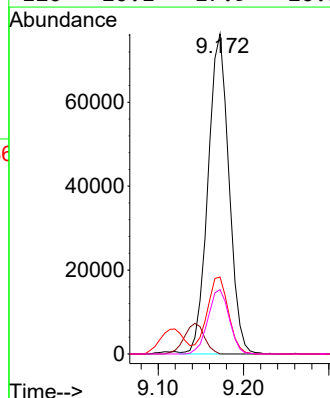
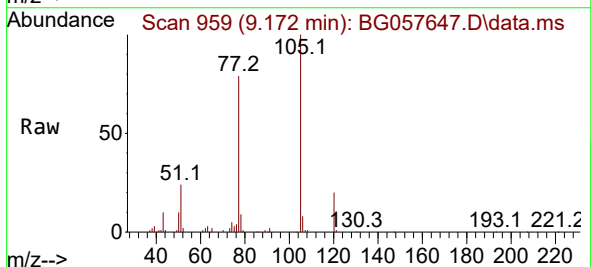
Instrument :
BNA_G
ClientSampleId :
PB153181BS

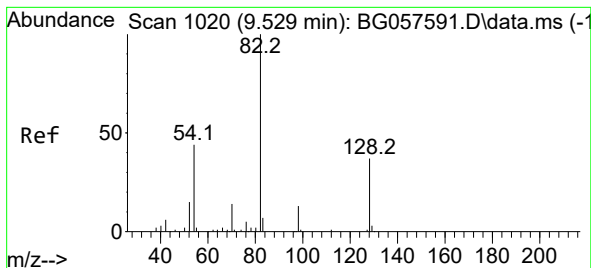
Tgt Ion:136 Resp: 100657
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.8
54 7.3 5.8 8.6
68 5.9 4.1 6.1



#22
Acetophenone
Concen: 48.189 ng
RT: 9.172 min Scan# 959
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:105 Resp: 129704
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 24.0 20.7 31.1
120 20.1 17.9 26.9





#23

Nitrobenzene-d5

Concen: 93.021 ng

RT: 9.519 min Scan# 1018

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

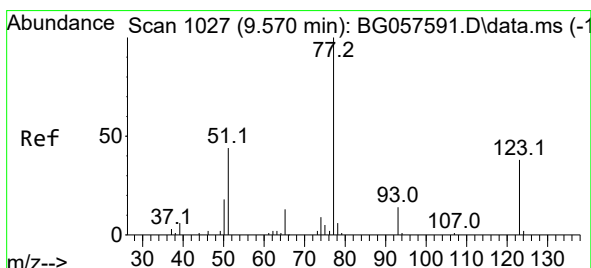
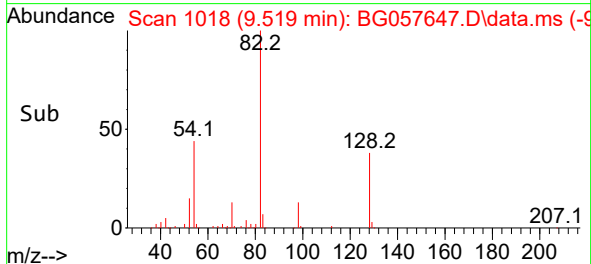
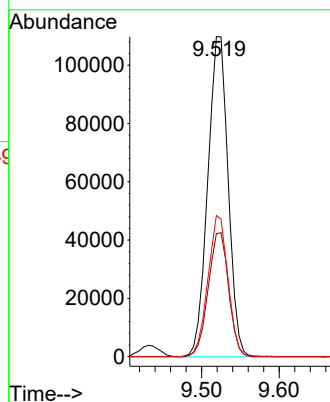
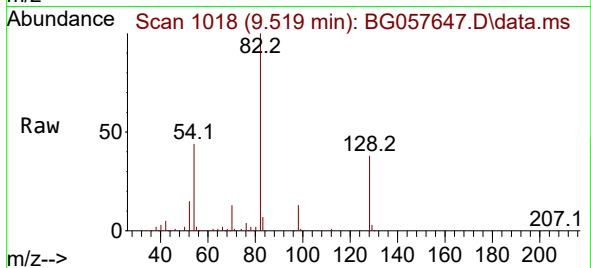
Tgt Ion: 82 Resp: 200299

Ion Ratio Lower Upper

82 100

128 38.5 30.0 45.0

54 44.2 35.2 52.8



#24

Nitrobenzene

Concen: 47.368 ng

RT: 9.560 min Scan# 1025

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

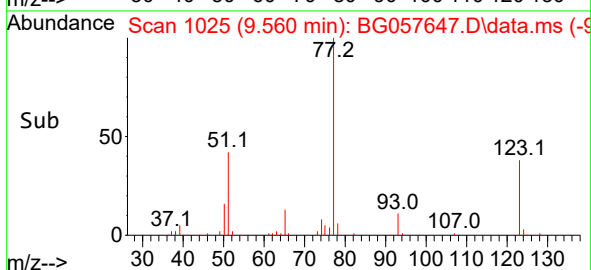
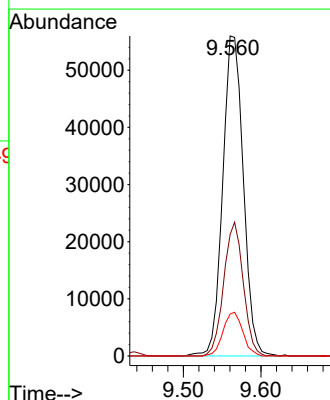
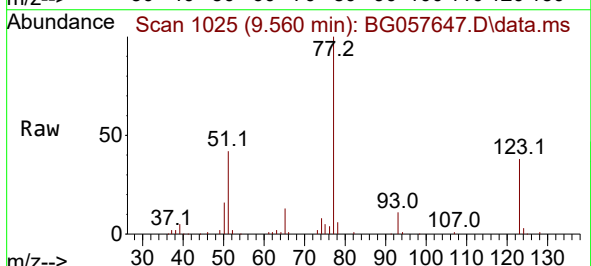
Tgt Ion: 77 Resp: 103534

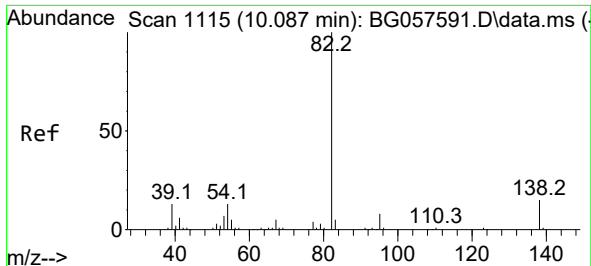
Ion Ratio Lower Upper

77 100

123 37.9 30.6 46.0

65 13.1 10.2 15.4

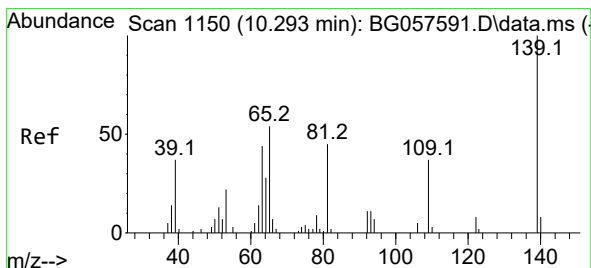
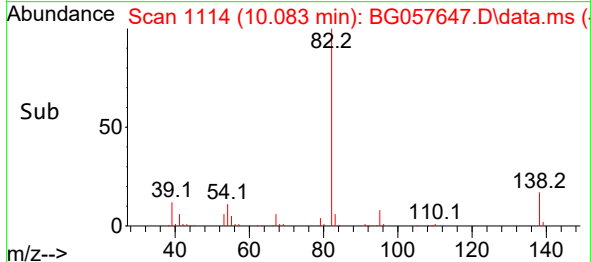
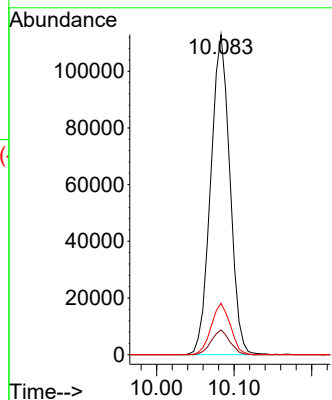
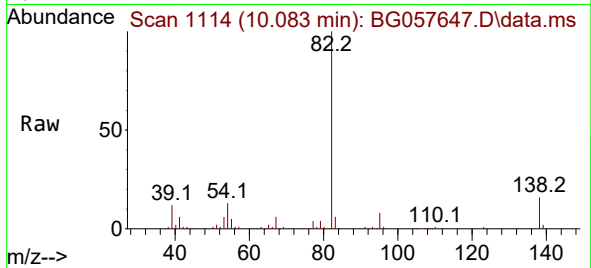




#25
Isophorone
Concen: 45.754 ng
RT: 10.083 min Scan# 1115
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

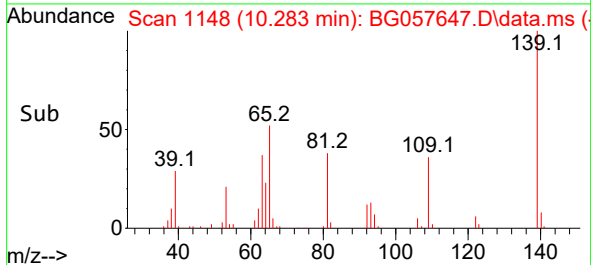
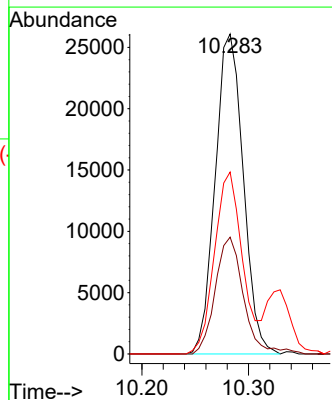
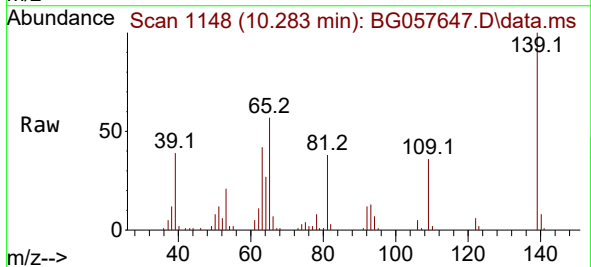
Instrument :
BNA_G
ClientSampleId :
PB153181BS

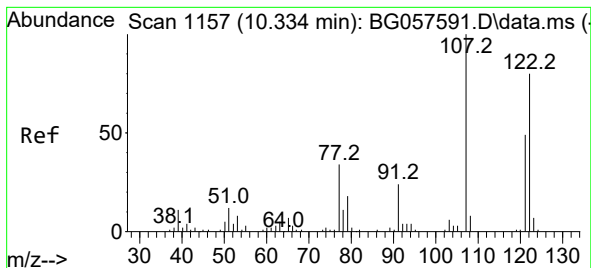
Tgt Ion: 82 Resp: 193648
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 16.1 12.0 18.0



#26
2-Nitrophenol
Concen: 50.844 ng
RT: 10.283 min Scan# 1148
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:139 Resp: 47649
Ion Ratio Lower Upper
139 100
109 36.5 29.5 44.3
65 56.9 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 51.711 ng

RT: 10.330 min Scan# 1157

Delta R.T. 0.005 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

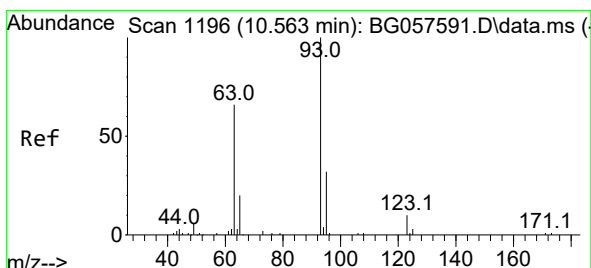
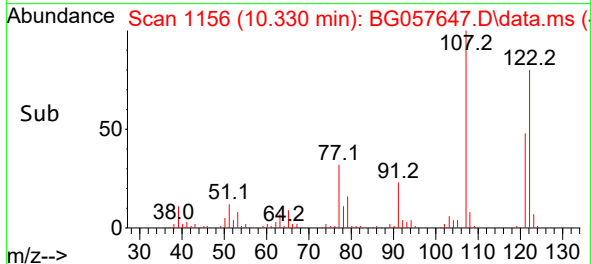
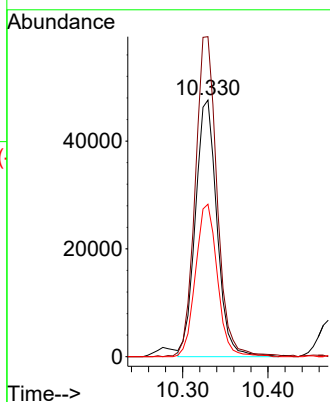
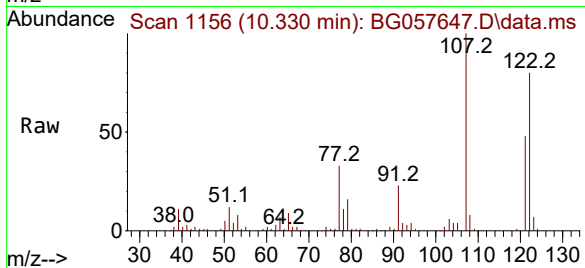
Tgt Ion:122 Resp: 83786

Ion Ratio Lower Upper

122 100

107 124.7 99.4 149.2

121 59.4 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 50.633 ng

RT: 10.553 min Scan# 1194

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

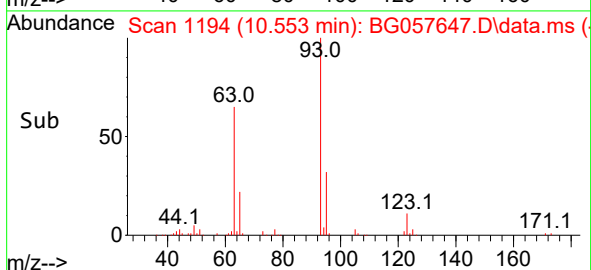
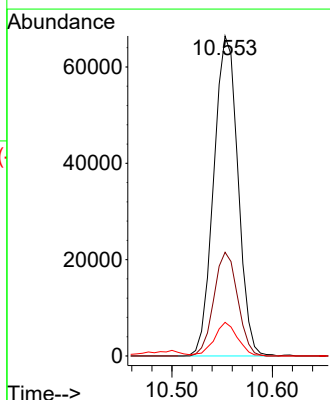
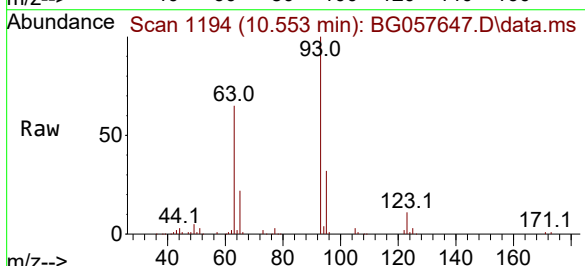
Tgt Ion: 93 Resp: 111121

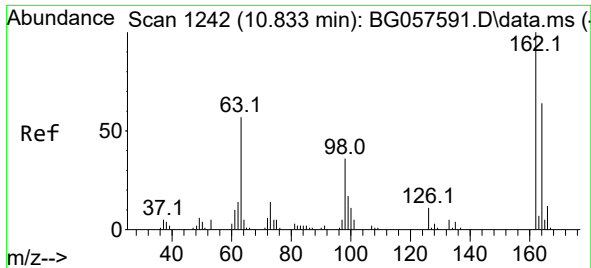
Ion Ratio Lower Upper

93 100

95 32.4 25.3 37.9

123 10.5 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 52.264 ng

RT: 10.829 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

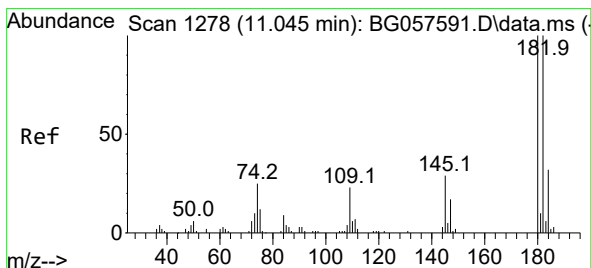
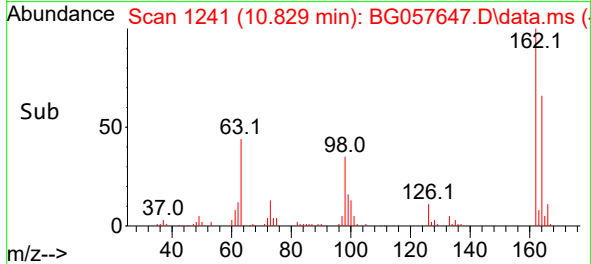
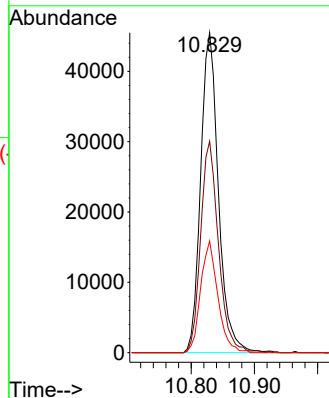
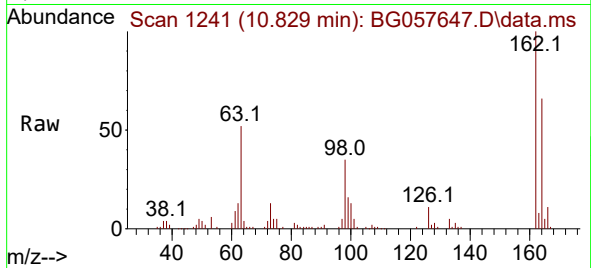
Tgt Ion:162 Resp: 88940

Ion Ratio Lower Upper

162 100

164 66.0 44.1 84.1

98 34.9 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 49.801 ng

RT: 11.035 min Scan# 1276

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

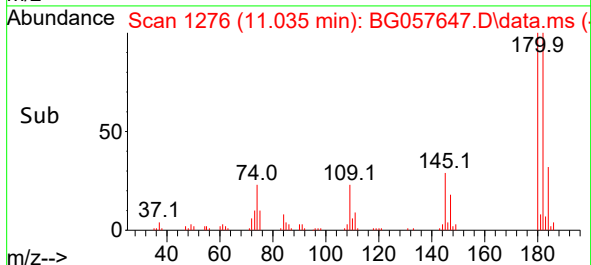
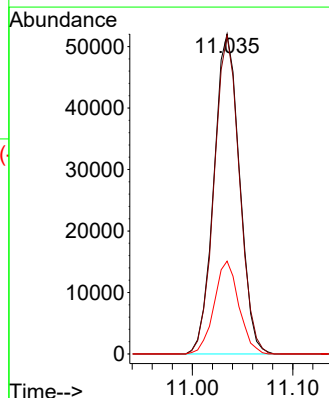
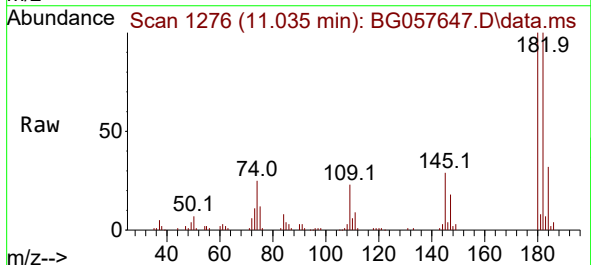
Tgt Ion:180 Resp: 92365

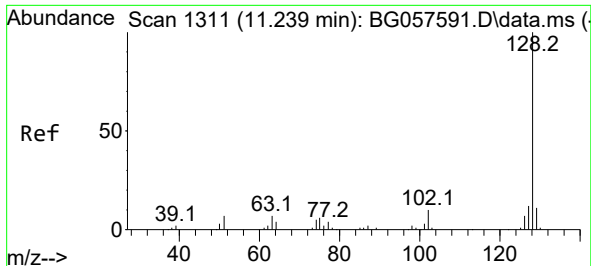
Ion Ratio Lower Upper

180 100

182 99.5 80.2 120.2

145 29.0 23.1 34.7

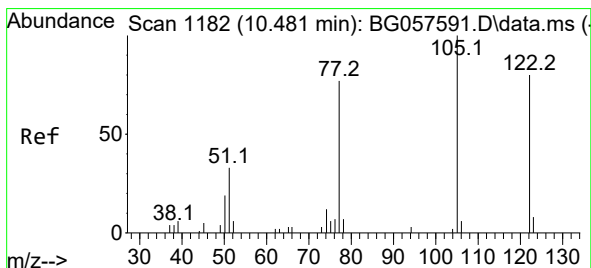
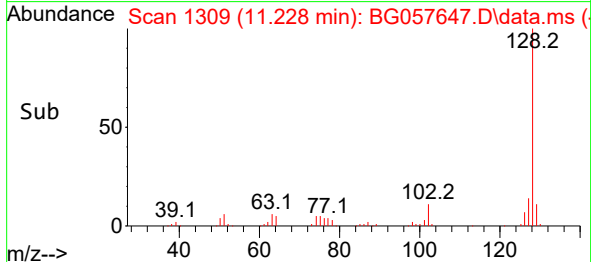
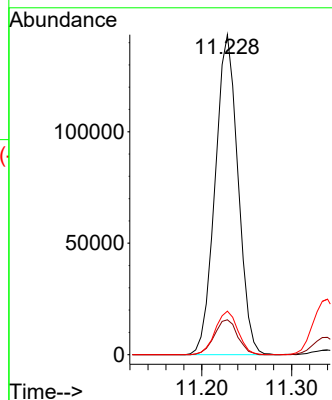
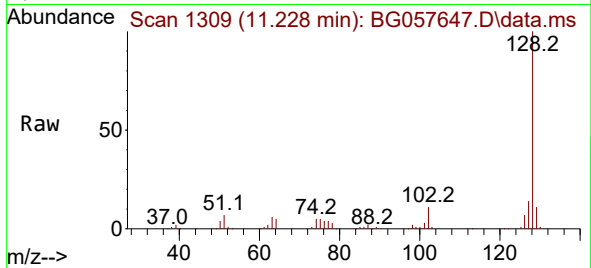




#31
Naphthalene
Concen: 47.595 ng
RT: 11.228 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

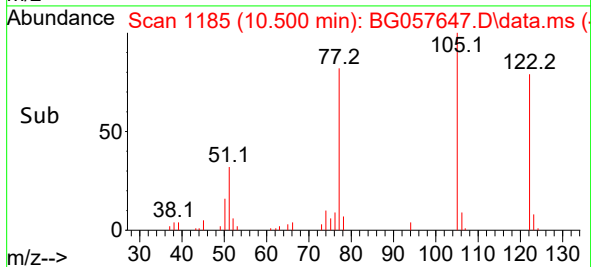
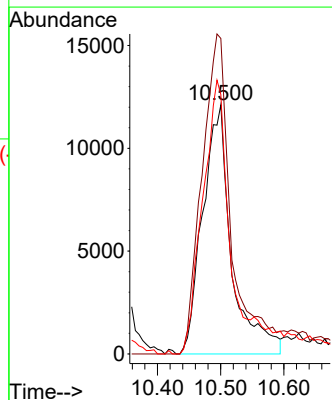
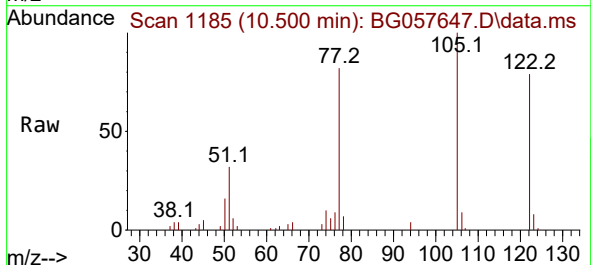
Instrument :
BNA_G
ClientSampleId :
PB153181BS

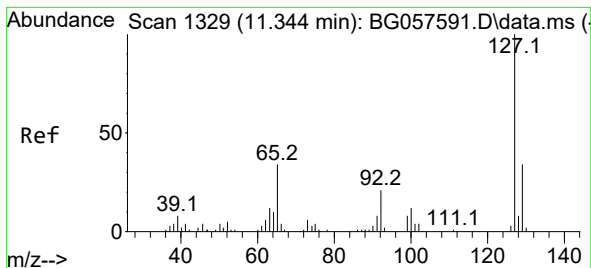
Tgt Ion:128 Resp: 253428
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.6 9.8 14.8



#32
Benzoic acid
Concen: 41.619 ng
RT: 10.500 min Scan# 1185
Delta R.T. 0.022 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:122 Resp: 38348
Ion Ratio Lower Upper
122 100
105 126.6 104.8 144.8
77 104.1 75.8 115.8





#33

4-Chloroaniline

Concen: 22.492 ng

RT: 11.340 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

Tgt Ion:127 Resp: 55074

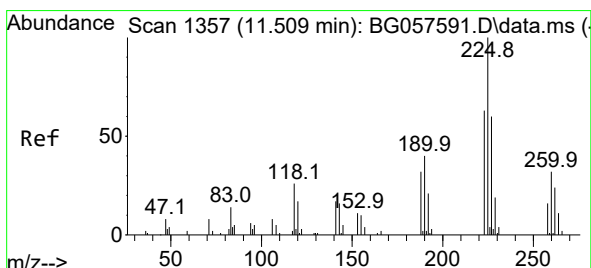
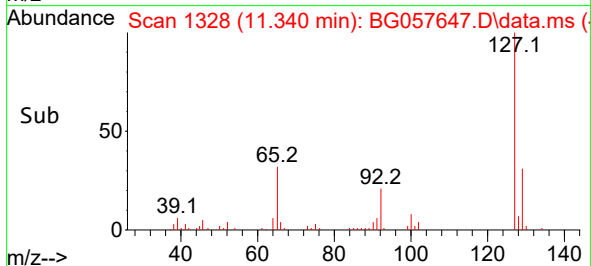
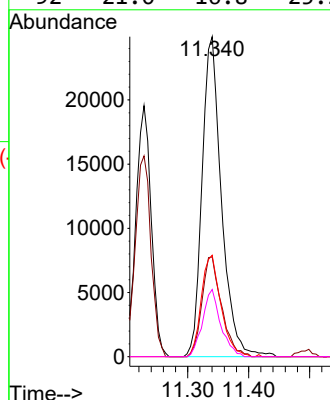
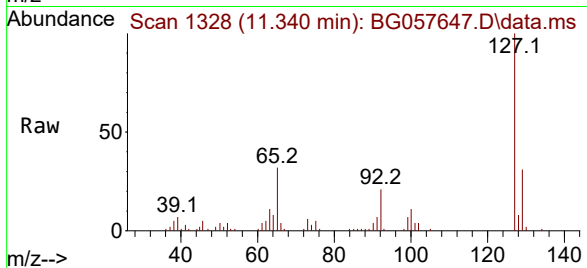
Ion Ratio Lower Upper

127 100

129 31.2 26.9 40.3

65 31.7 27.3 40.9

92 21.0 16.8 25.2



#34

Hexachlorobutadiene

Concen: 48.607 ng

RT: 11.493 min Scan# 1354

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

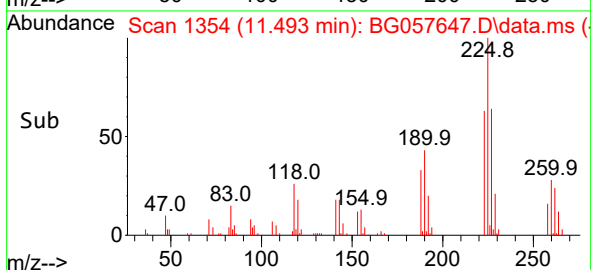
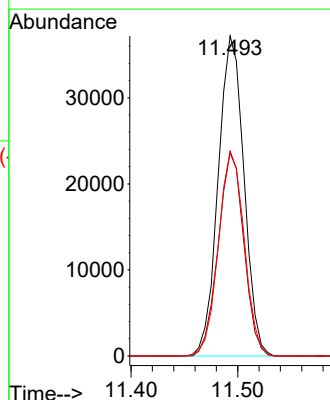
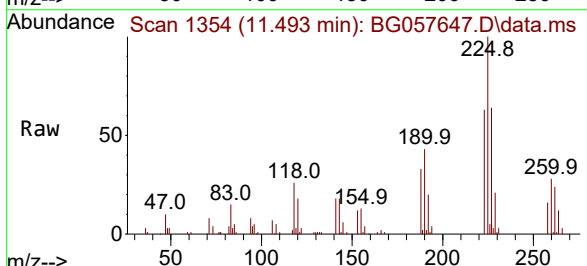
Tgt Ion:225 Resp: 62354

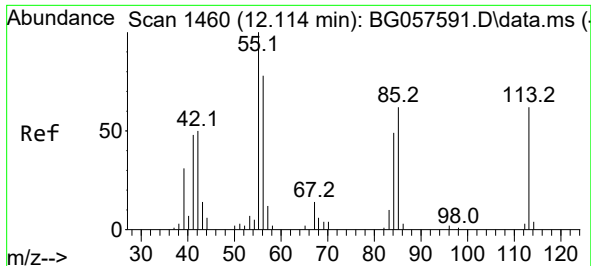
Ion Ratio Lower Upper

225 100

223 63.5 50.1 75.1

227 64.0 47.9 71.9

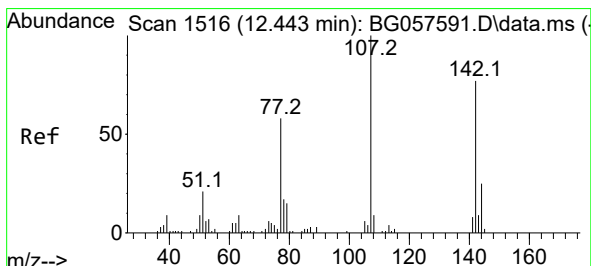
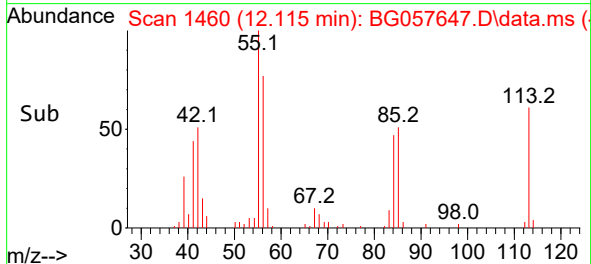
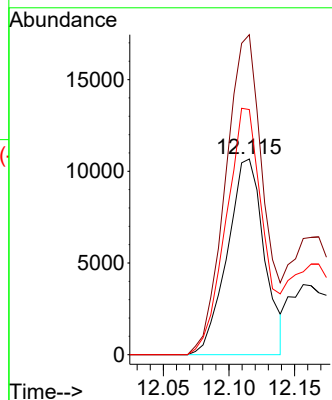
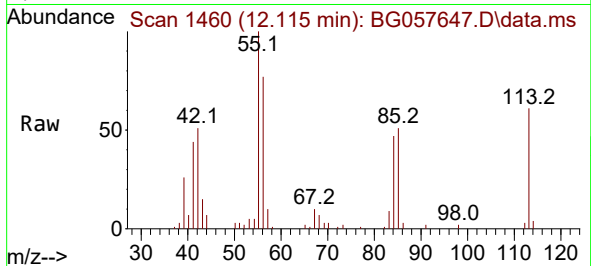




#35
Caprolactam
Concen: 29.544 ng
RT: 12.115 min Scan# 1460
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

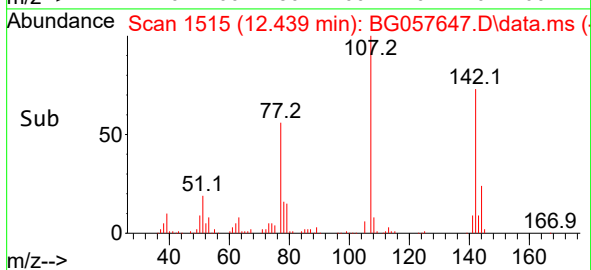
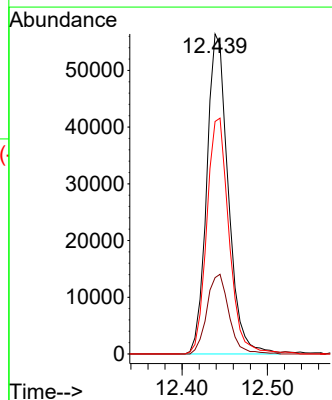
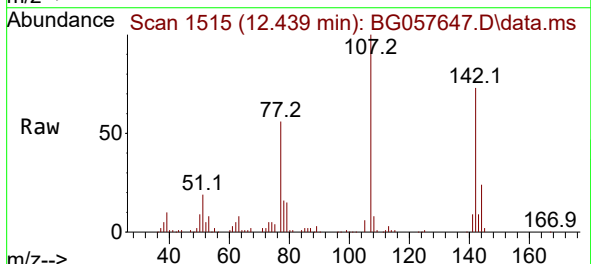
Instrument :
BNA_G
ClientSampleId :
PB153181BS

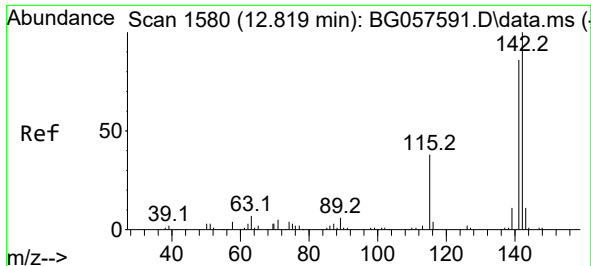
Tgt Ion:113 Resp: 20842
Ion Ratio Lower Upper
113 100
55 163.6 140.9 180.9
56 125.3 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 49.011 ng
RT: 12.439 min Scan# 1515
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:107 Resp: 98724
Ion Ratio Lower Upper
107 100
144 23.9 19.7 29.5
142 72.6 61.6 92.4





#37

2-Methylnaphthalene

Concen: 45.658 ng

RT: 12.809 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

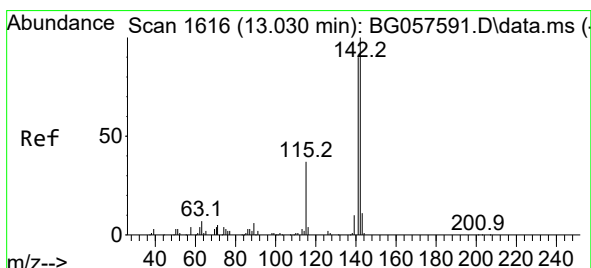
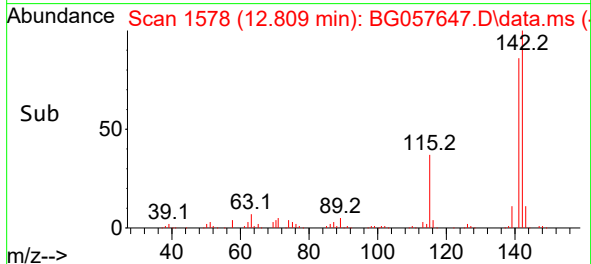
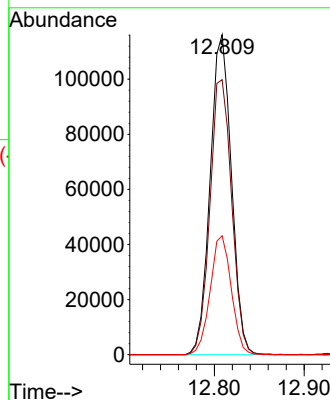
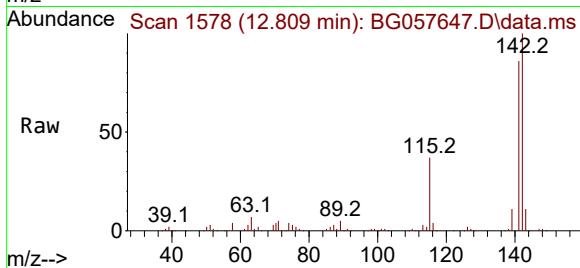
Tgt Ion:142 Resp: 190807

Ion Ratio Lower Upper

142 100

141 85.9 68.6 103.0

115 37.2 30.4 45.6



#38

1-Methylnaphthalene

Concen: 44.841 ng

RT: 13.026 min Scan# 1615

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

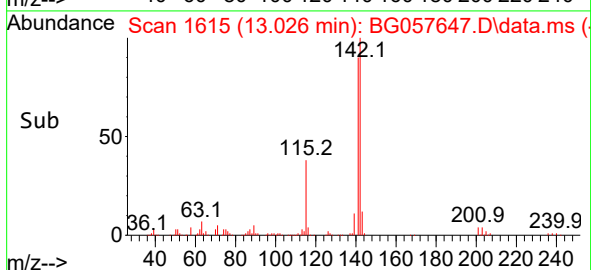
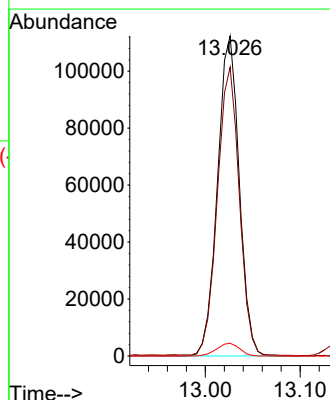
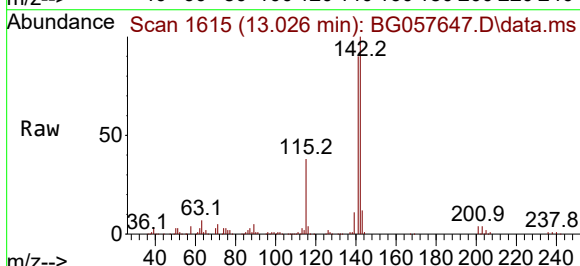
Tgt Ion:142 Resp: 178826

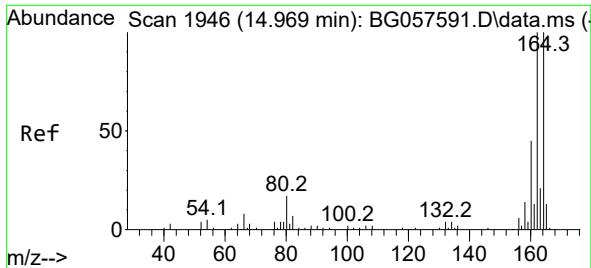
Ion Ratio Lower Upper

142 100

141 90.3 72.1 108.1

116 4.0 3.4 5.2

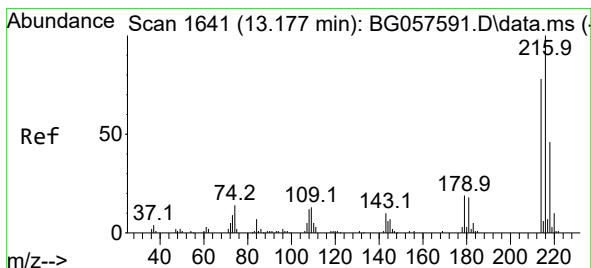
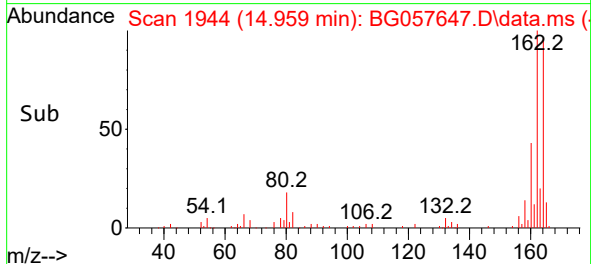
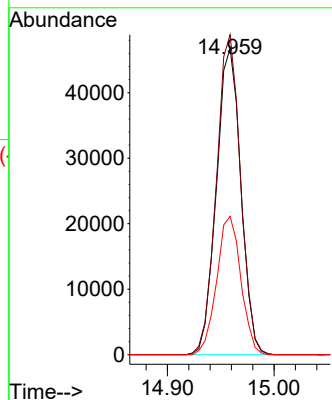
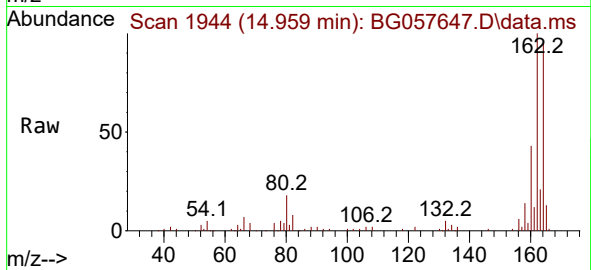




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.959 min Scan# 1944
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

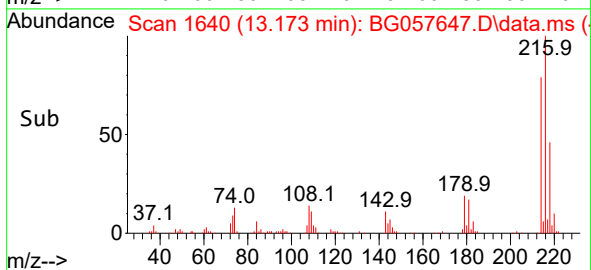
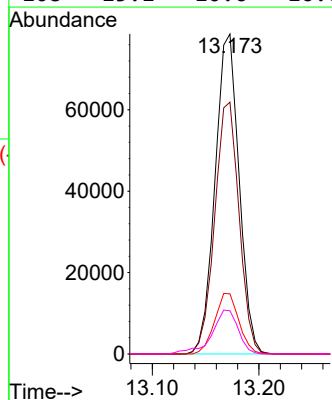
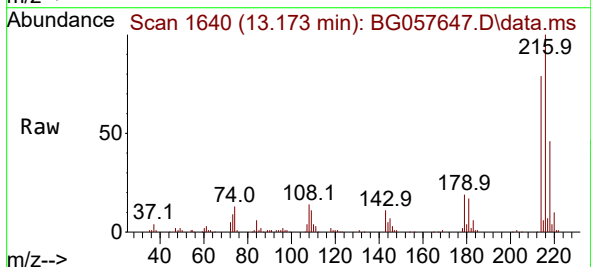
Instrument :
BNA_G
ClientSampleId :
PB153181BS

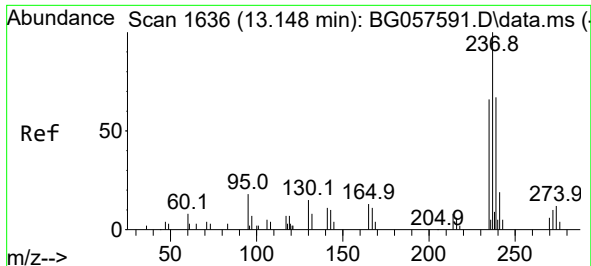
Tgt Ion:164 Resp: 74253
Ion Ratio Lower Upper
164 100
162 104.4 80.1 120.1
160 45.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.411 ng
RT: 13.173 min Scan# 1640
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

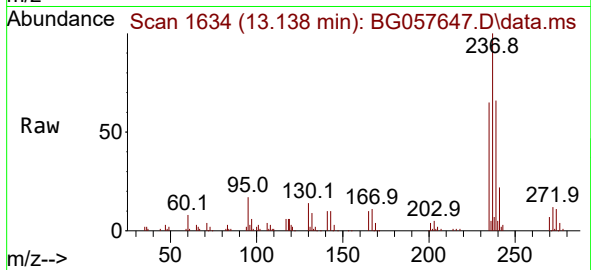
Tgt Ion:216 Resp: 122862
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 19.1 15.0 22.6
108 15.1 10.6 16.0



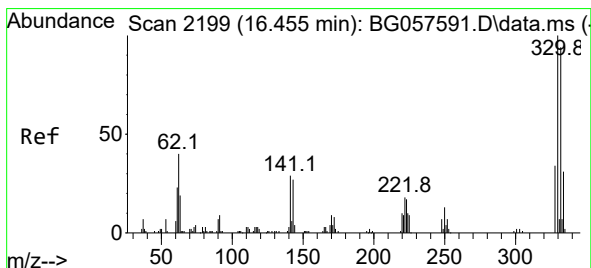
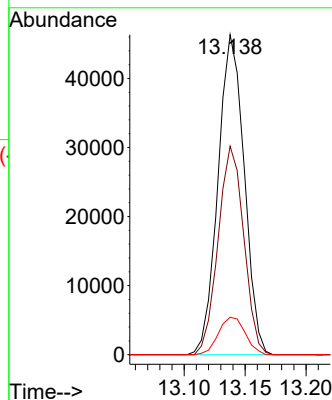
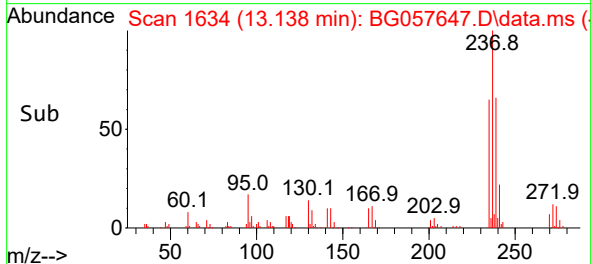


#41
Hexachlorocyclopentadiene
Concen: 98.062 ng
RT: 13.138 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

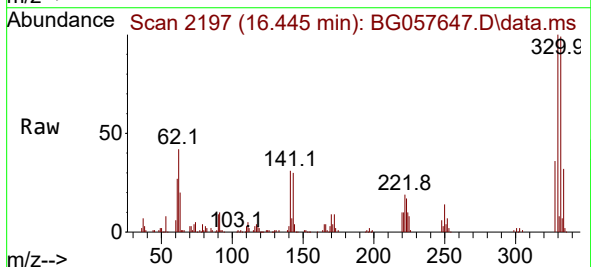
Instrument :
BNA_G
ClientSampleId :
PB153181BS



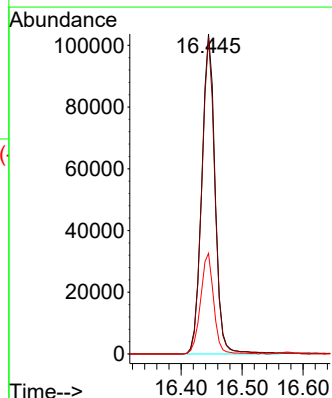
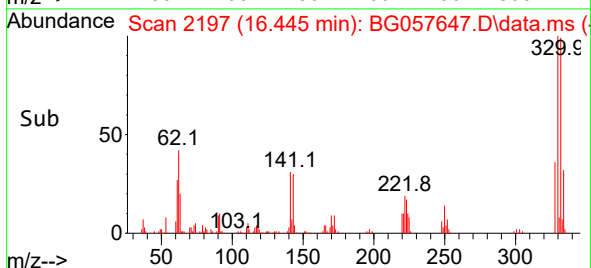
Tgt Ion:237 Resp: 69268
Ion Ratio Lower Upper
237 100
235 65.2 45.7 85.7
272 11.7 0.0 30.1

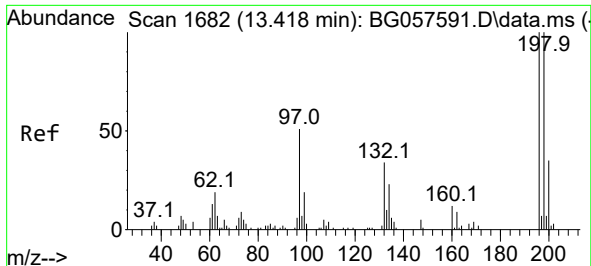


#42
2,4,6-Tribromophenol
Concen: 132.866 ng
RT: 16.445 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40



Tgt Ion:330 Resp: 157952
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 31.0 24.6 37.0

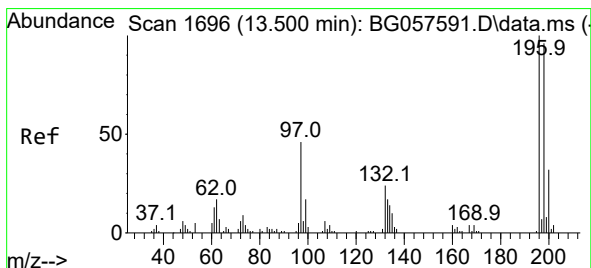
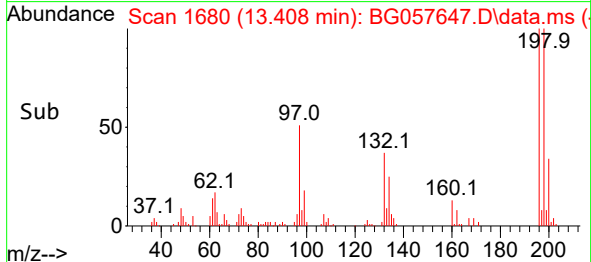
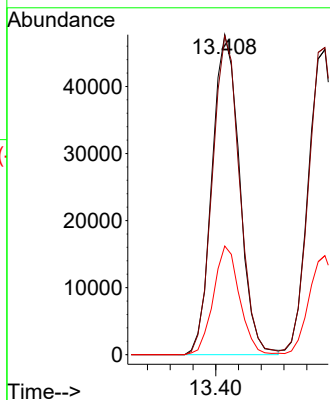
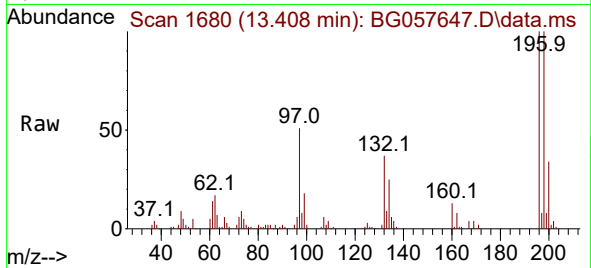




#43
2,4,6-Trichlorophenol
Concen: 52.196 ng
RT: 13.408 min Scan# 1680
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

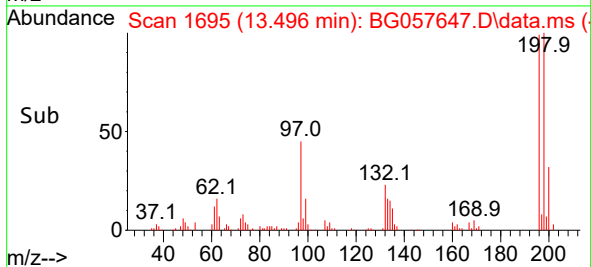
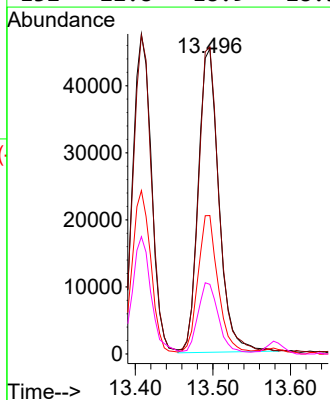
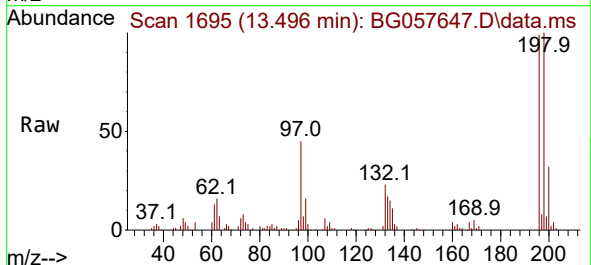
Instrument :
BNA_G
ClientSampleId :
PB153181BS

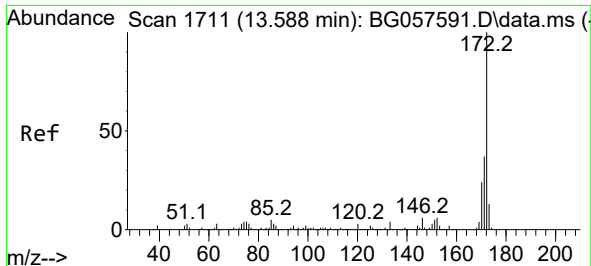
Tgt Ion:196 Resp: 80088
Ion Ratio Lower Upper
196 100
198 99.6 79.6 119.4
200 34.0 28.2 42.2



#44
2,4,5-Trichlorophenol
Concen: 45.647 ng
RT: 13.496 min Scan# 1695
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:196 Resp: 83418
Ion Ratio Lower Upper
196 100
198 100.7 76.9 115.3
97 45.3 36.6 55.0
132 22.8 18.9 28.3

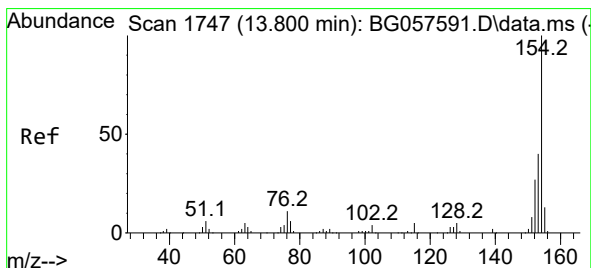
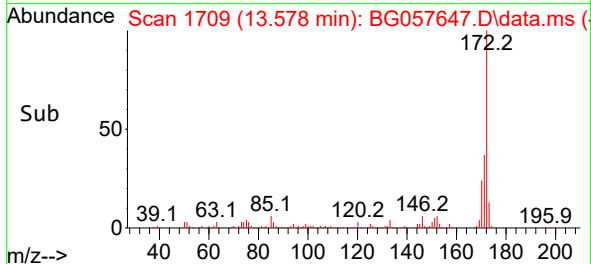
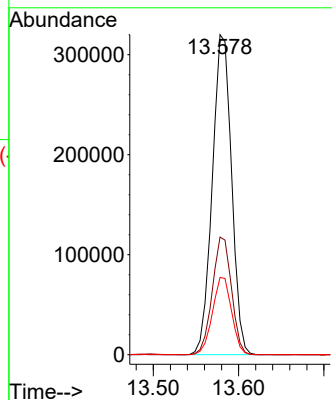
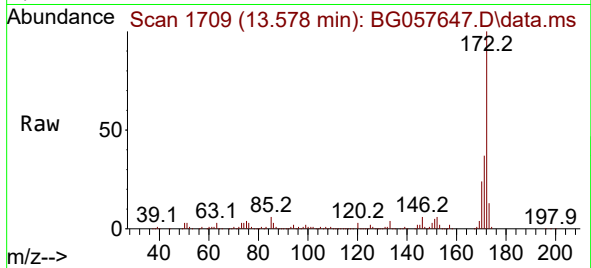




#45
2-Fluorobiphenyl
Concen: 97.312 ng
RT: 13.578 min Scan# 1709
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

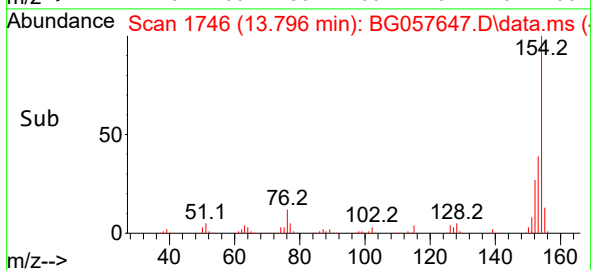
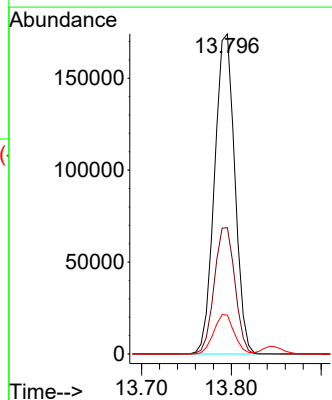
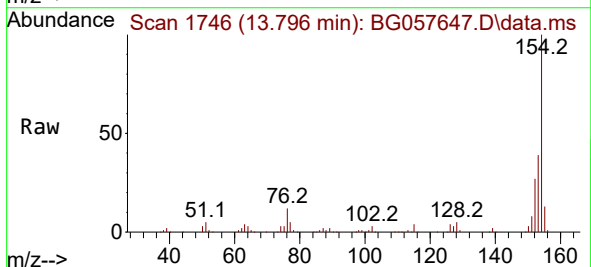
Instrument :
BNA_G
ClientSampleId :
PB153181BS

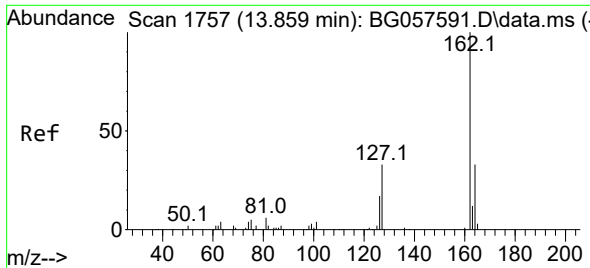
Tgt Ion:172 Resp: 502792
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.340 ng
RT: 13.796 min Scan# 1746
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:154 Resp: 272461
Ion Ratio Lower Upper
154 100
153 39.5 19.6 59.6
76 12.2 0.0 30.9

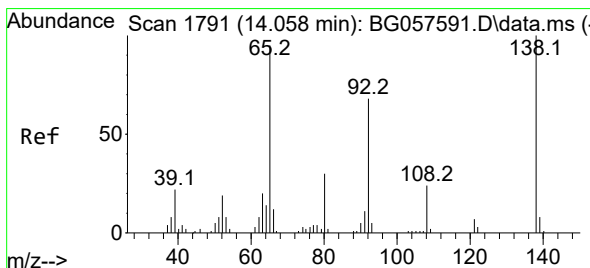
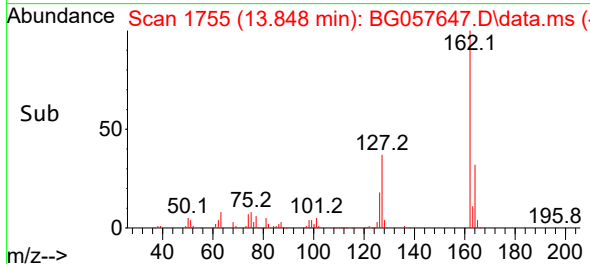
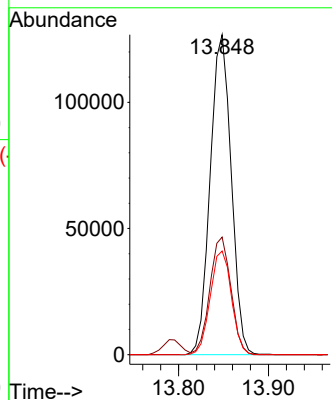
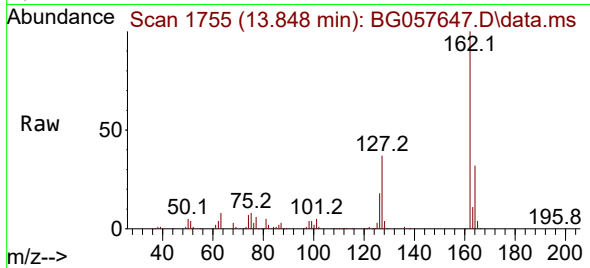




#47
2-Chloronaphthalene
Concen: 51.616 ng
RT: 13.848 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

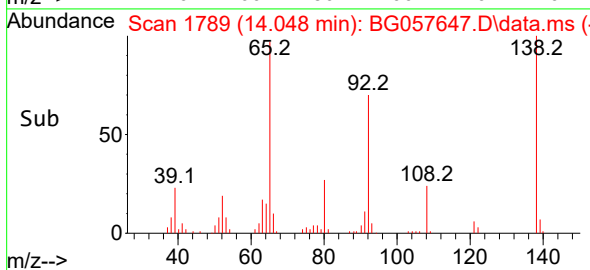
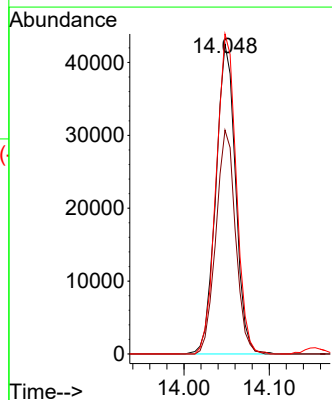
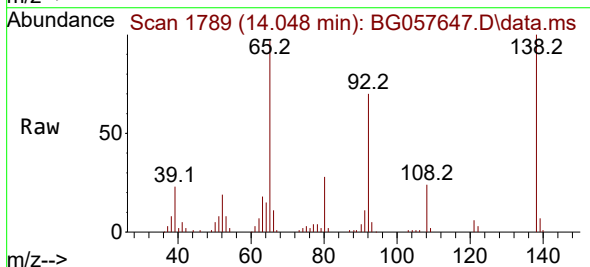
Instrument :
BNA_G
ClientSampleId :
PB153181BS

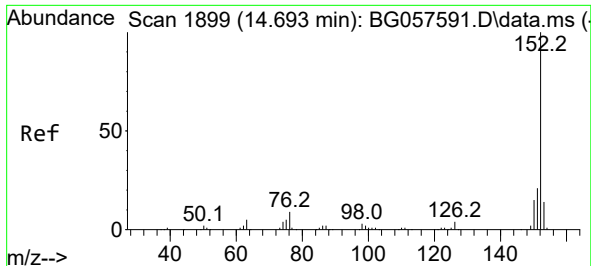
Tgt Ion:162 Resp: 206326
Ion Ratio Lower Upper
162 100
127 36.7 28.2 42.2
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 48.785 ng
RT: 14.048 min Scan# 1789
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion: 65 Resp: 68309
Ion Ratio Lower Upper
65 100
92 72.2 57.3 85.9
138 103.2 84.6 127.0

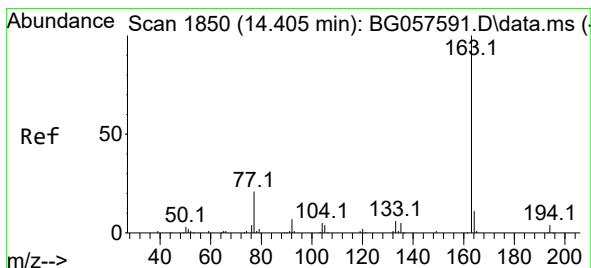
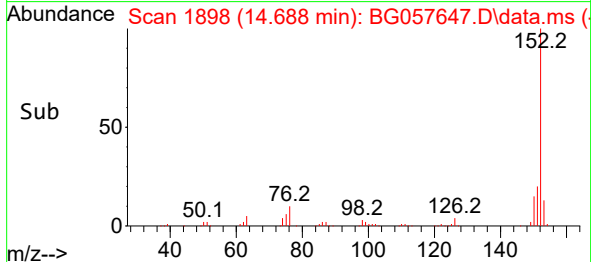
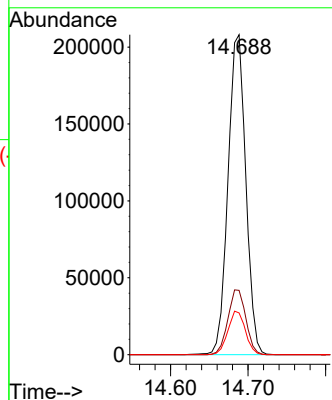
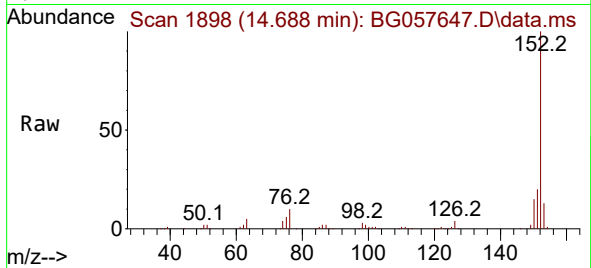




#49
Acenaphthylene
Concen: 48.926 ng
RT: 14.688 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

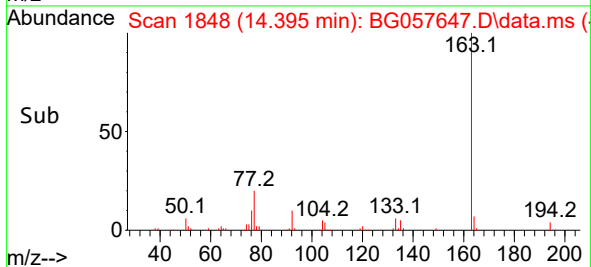
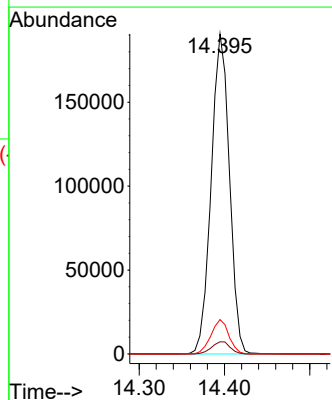
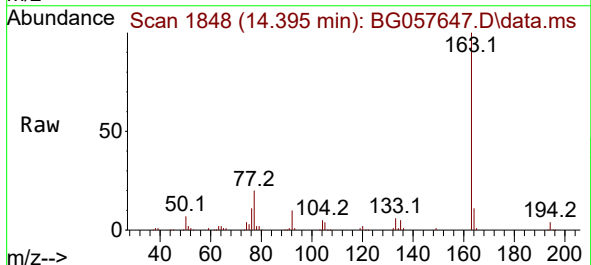
Instrument :
BNA_G
ClientSampleId :
PB153181BS

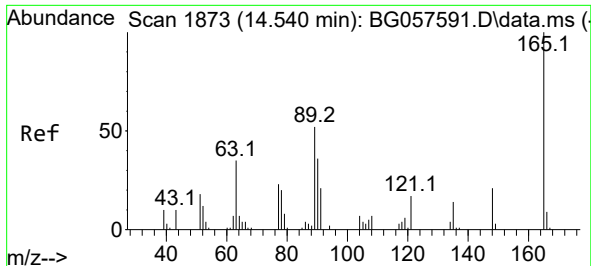
Tgt Ion:152 Resp: 331175
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.1 11.0 16.4



#50
Dimethylphthalate
Concen: 46.272 ng
RT: 14.395 min Scan# 1848
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:163 Resp: 283178
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.7 8.5 12.7

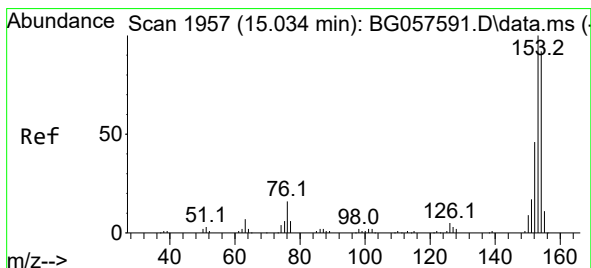
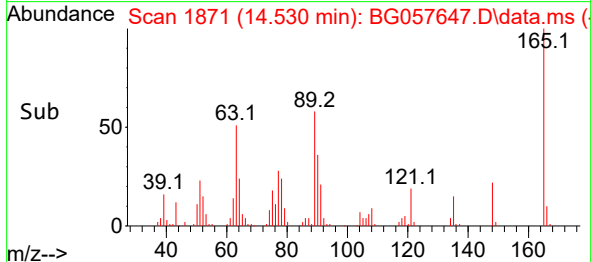
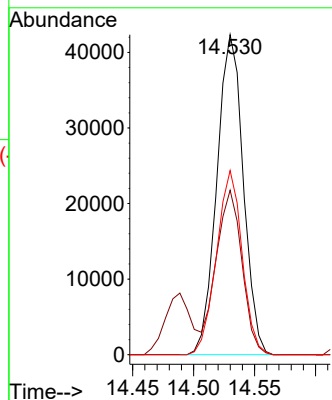
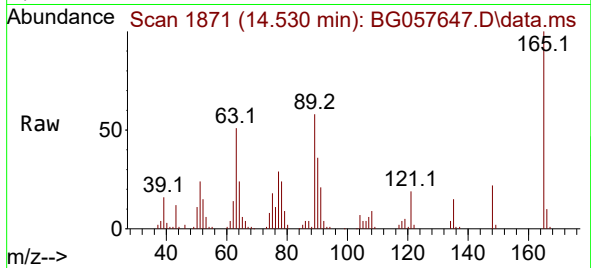




#51
2,6-Dinitrotoluene
Concen: 48.749 ng
RT: 14.530 min Scan# 1873
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

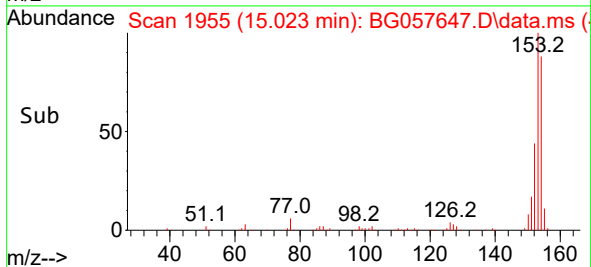
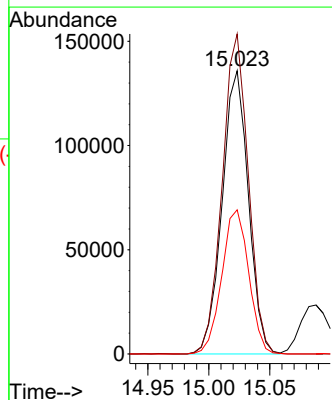
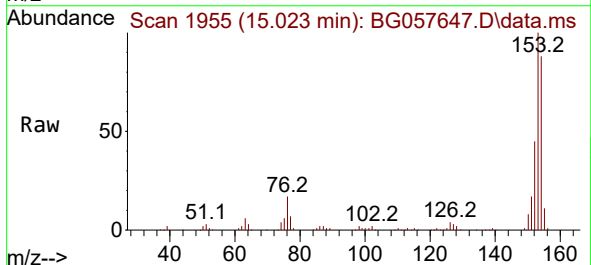
Instrument :
BNA_G
ClientSampleId :
PB153181BS

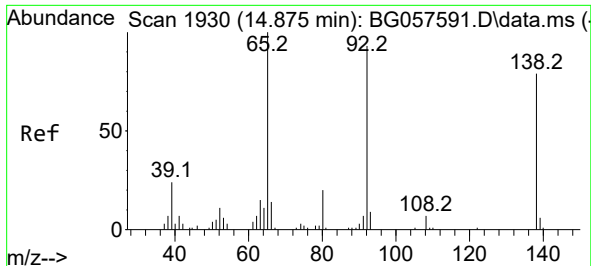
Tgt Ion:165 Resp: 63863
Ion Ratio Lower Upper
165 100
63 51.4 39.3 58.9
89 57.6 41.5 62.3



#52
Acenaphthene
Concen: 49.193 ng
RT: 15.023 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:154 Resp: 203750
Ion Ratio Lower Upper
154 100
153 113.0 87.4 131.0
152 50.9 40.2 60.4

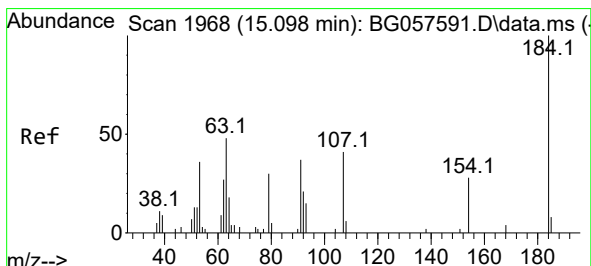
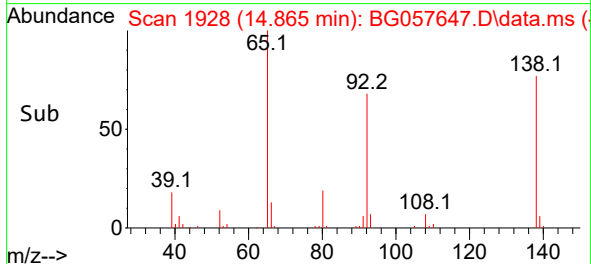
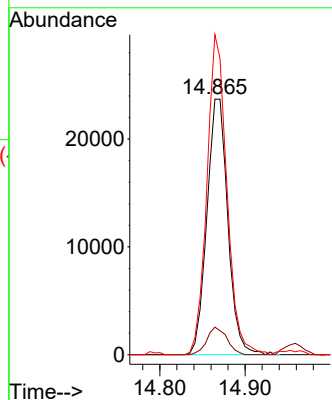
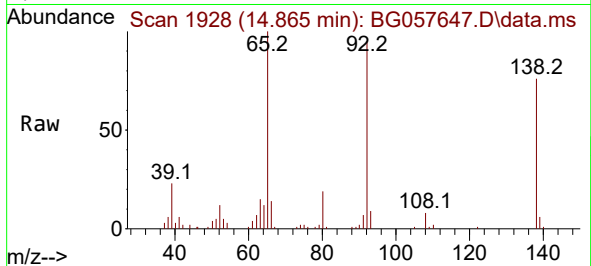




#53
3-Nitroaniline
Concen: 29.554 ng
RT: 14.865 min Scan# 1930
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

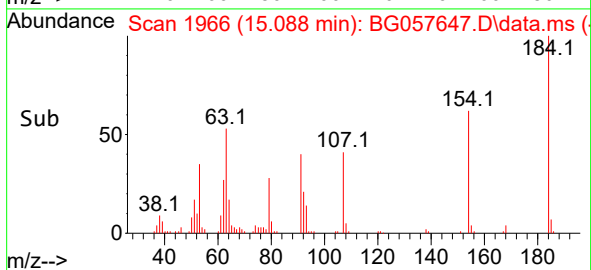
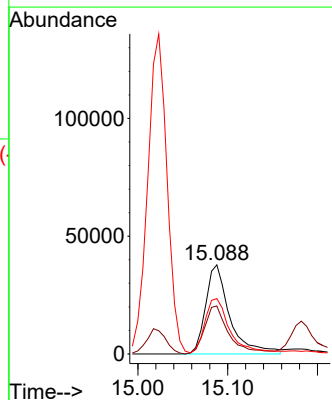
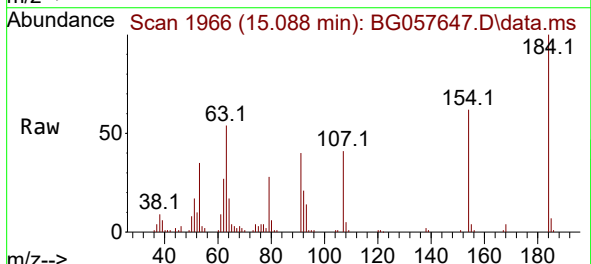
Instrument :
BNA_G
ClientSampleId :
PB153181BS

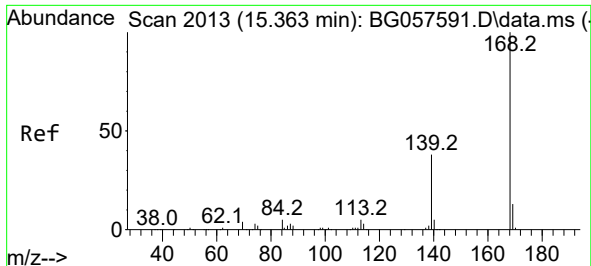
Tgt Ion:138 Resp: 40382
Ion Ratio Lower Upper
138 100
108 10.8 7.1 10.7#
92 125.2 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 88.452 ng
RT: 15.088 min Scan# 1966
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:184 Resp: 70550
Ion Ratio Lower Upper
184 100
63 53.8 41.4 62.2
154 62.2 52.5 78.7

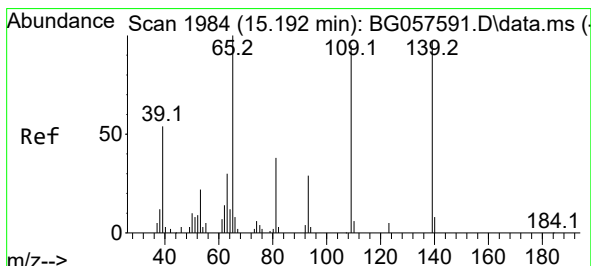
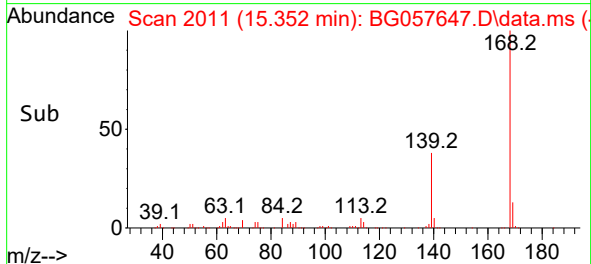
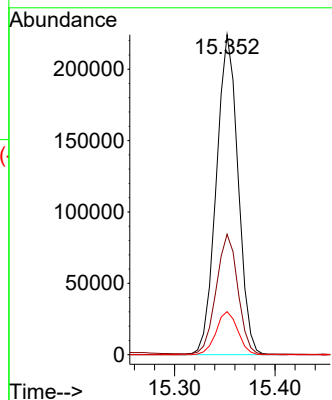
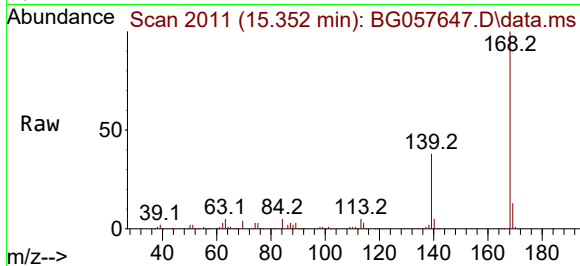




#55
Dibenzenofuran
Concen: 47.600 ng
RT: 15.352 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

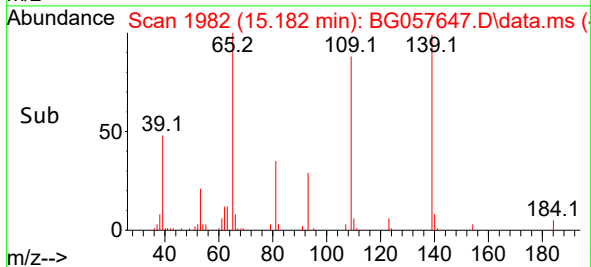
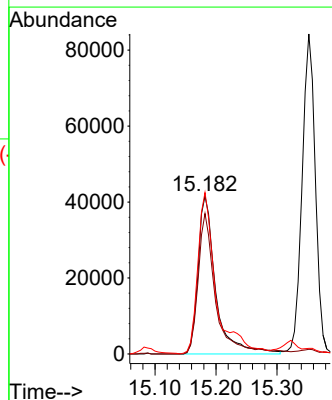
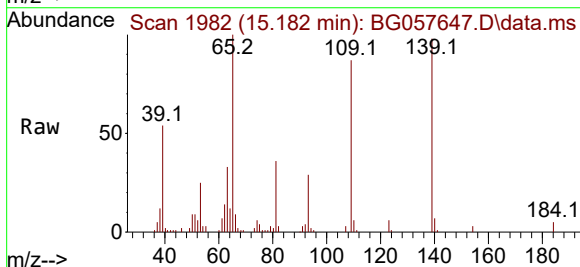
Instrument :
BNA_G
ClientSampleId :
PB153181BS

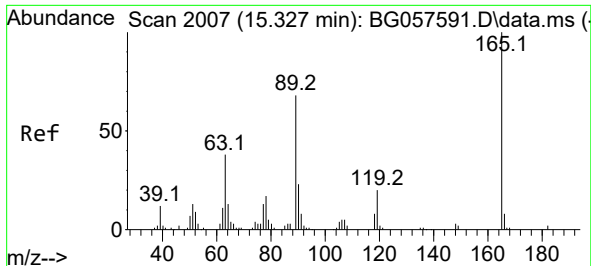
Tgt Ion:168 Resp: 336877
Ion Ratio Lower Upper
168 100
139 37.6 30.6 46.0
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 91.825 ng
RT: 15.182 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:139 Resp: 83597
Ion Ratio Lower Upper
139 100
109 89.0 78.2 118.2
65 102.3 83.2 123.2





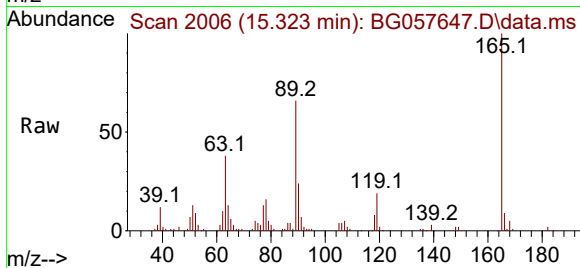
#57
2,4-Dinitrotoluene
Concen: 48.359 ng
RT: 15.323 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Instrument :

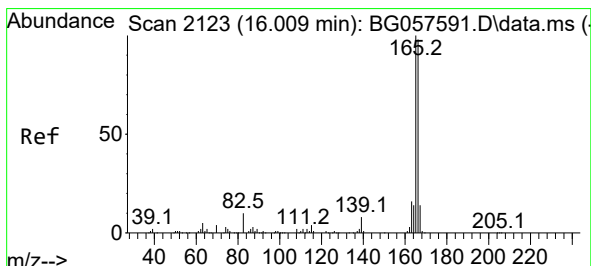
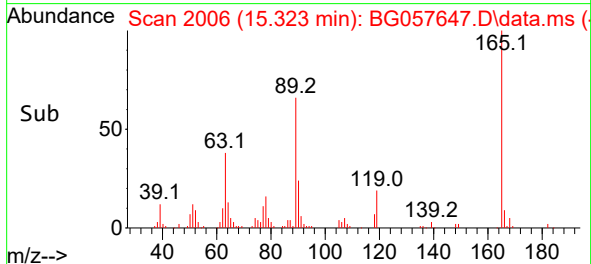
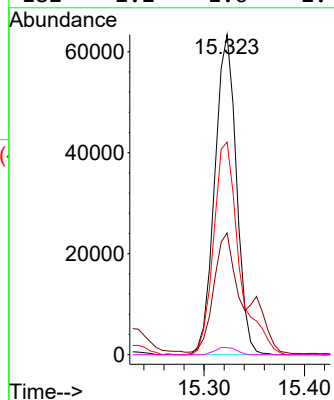
BNA_G

ClientSampleId :

PB153181BS

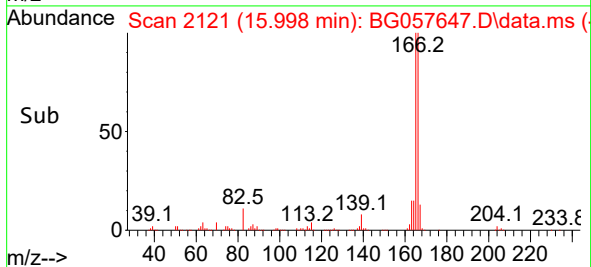
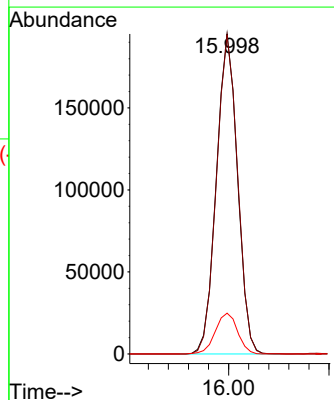
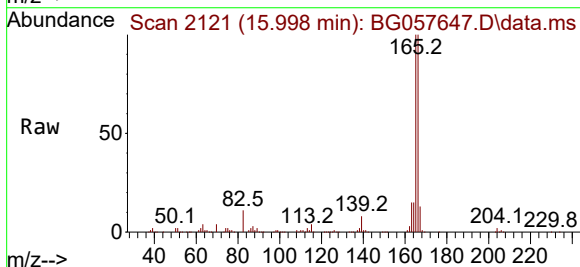


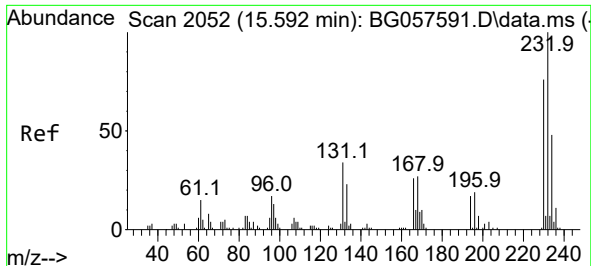
Tgt Ion:165 Resp: 94855
Ion Ratio Lower Upper
165 100
63 38.0 30.6 45.8
89 66.4 54.2 81.2
182 2.2 1.6 2.4



#58
Fluorene
Concen: 47.645 ng
RT: 15.998 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:166 Resp: 284708
Ion Ratio Lower Upper
166 100
165 99.6 81.2 121.8
167 12.8 11.1 16.7

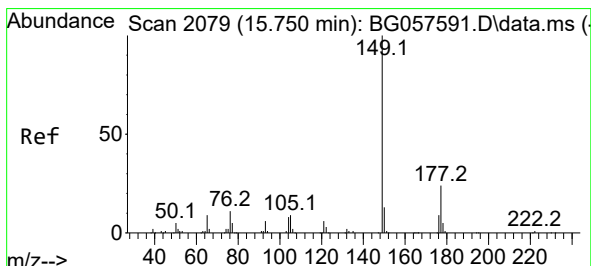
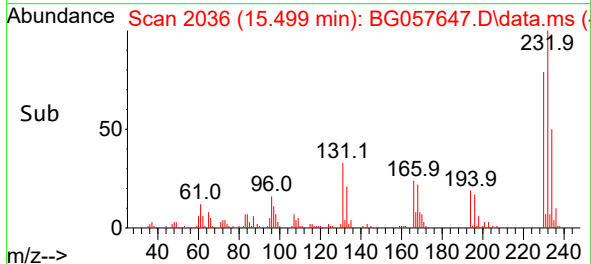
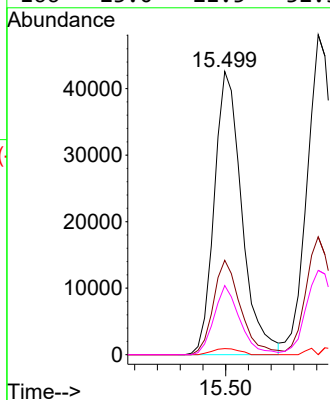
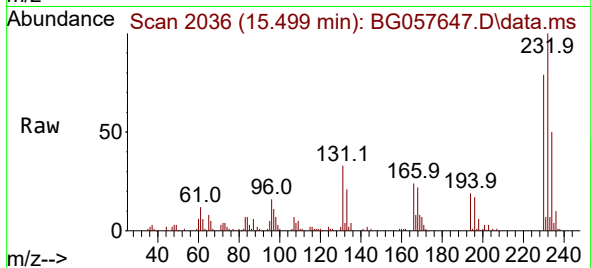




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.798 ng
RT: 15.499 min Scan# 2052
Delta R.T. -0.084 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

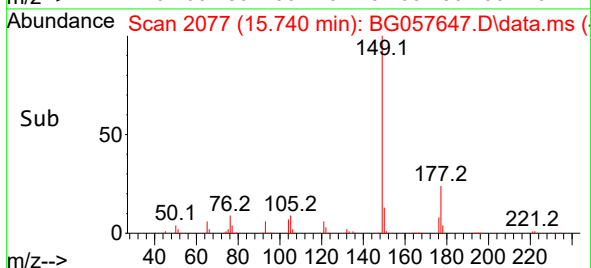
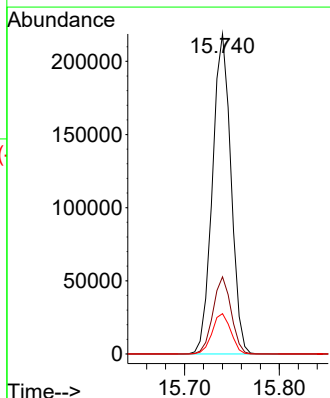
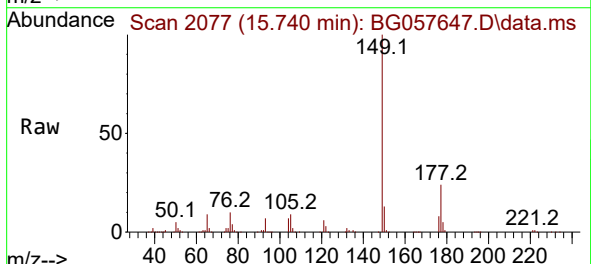
Instrument :
BNA_G
ClientSampleId :
PB153181BS

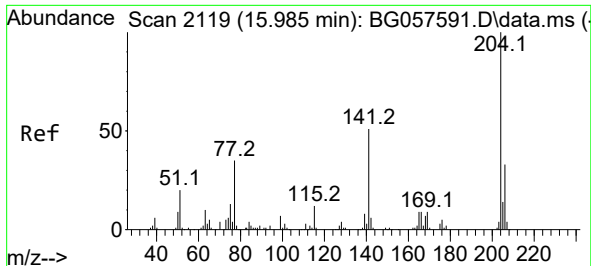
Tgt Ion:232	Resp:	71559
Ion Ratio	Lower	Upper
232	100	
131	33.3	28.6 43.0
130	2.1	1.8 2.6
166	23.0	21.5 32.3



#60
Diethylphthalate
Concen: 46.381 ng
RT: 15.740 min Scan# 2077
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:149	Resp:	296262
Ion Ratio	Lower	Upper
149	100	
177	24.1	19.0 28.6
150	12.6	10.1 15.1

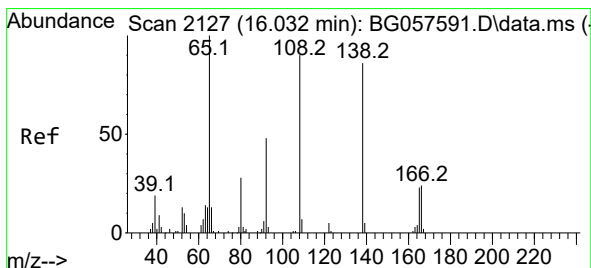
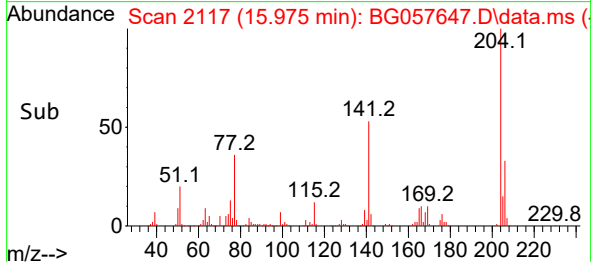
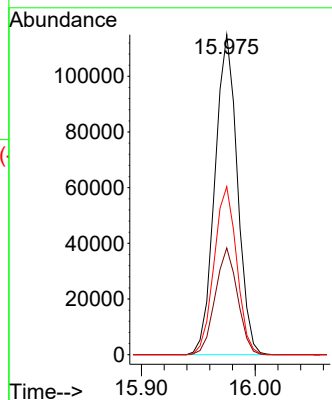
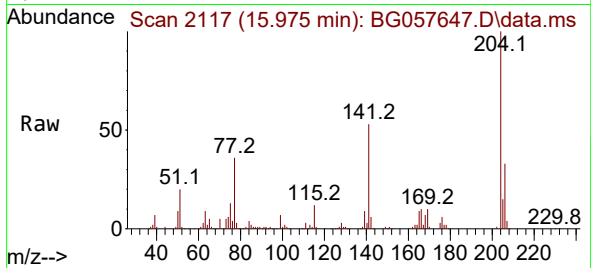




#61
4-Chlorophenyl-phenylether
Concen: 47.370 ng
RT: 15.975 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

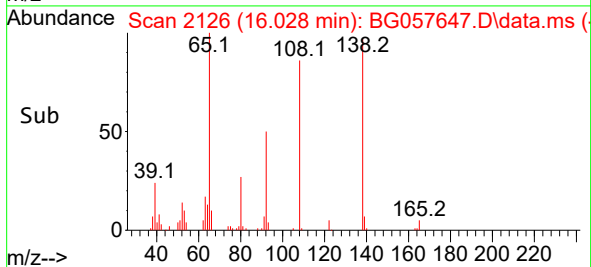
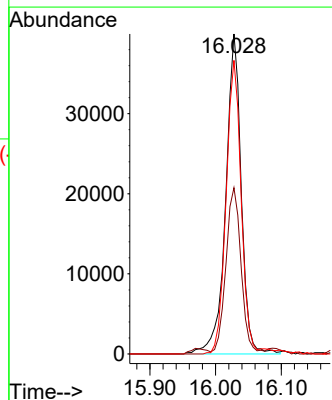
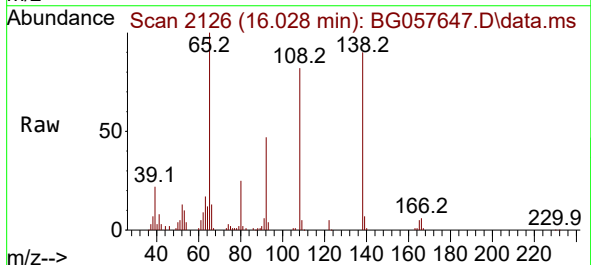
Instrument :
BNA_G
ClientSampleId :
PB153181BS

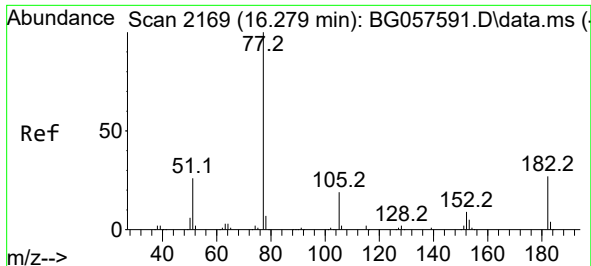
Tgt Ion:204 Resp: 157751
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 52.5 40.8 61.2



#62
4-Nitroaniline
Concen: 44.467 ng
RT: 16.028 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:138 Resp: 65542
Ion Ratio Lower Upper
138 100
92 52.0 36.4 76.4
108 91.8 85.4 125.4

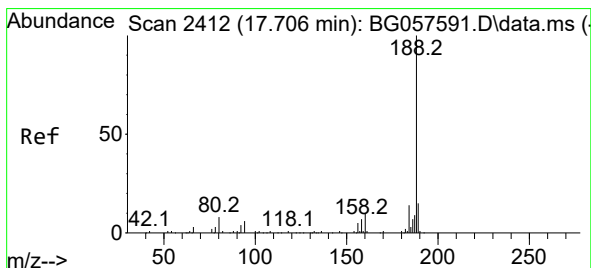
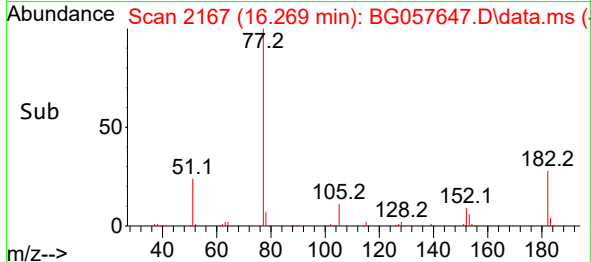
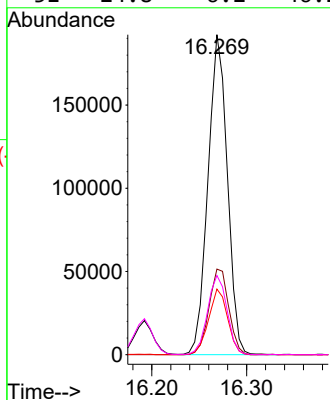
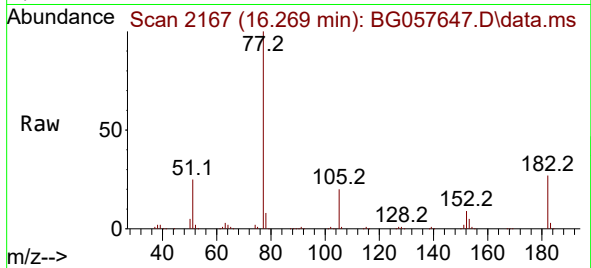




#63
Azobenzene
Concen: 48.059 ng
RT: 16.269 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

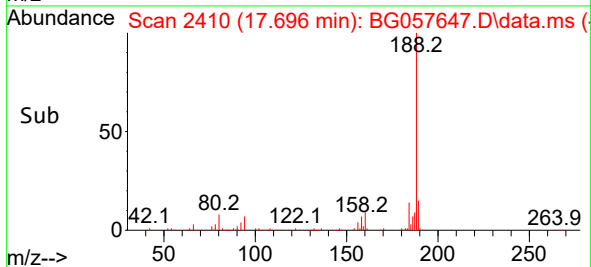
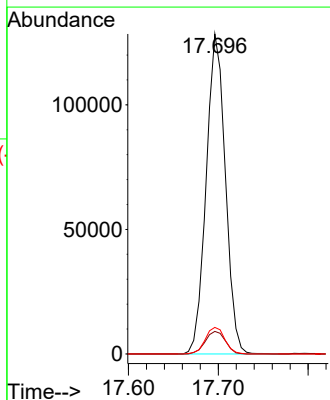
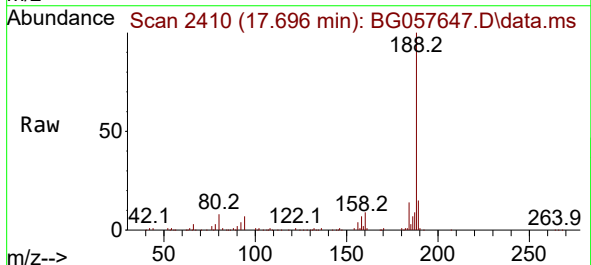
Instrument :
BNA_G
ClientSampleId :
PB153181BS

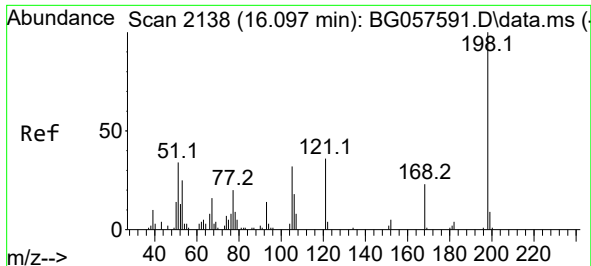
Tgt Ion: 77	Resp: 273006
Ion Ratio	Lower Upper
77 100	
182 26.7	7.4 47.4
105 20.5	0.0 39.4
51 24.8	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.696 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:188	Resp: 190603
Ion Ratio	Lower Upper
188 100	
94 7.1	5.2 7.8
80 8.3	6.7 10.1

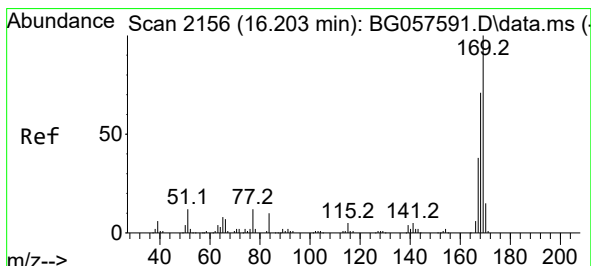
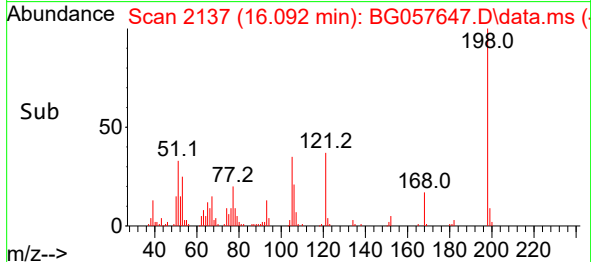
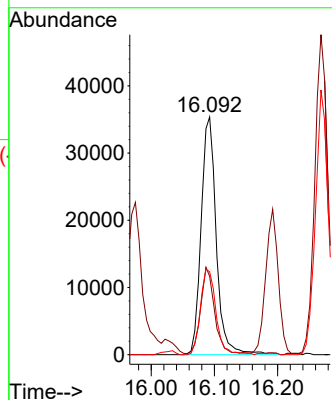
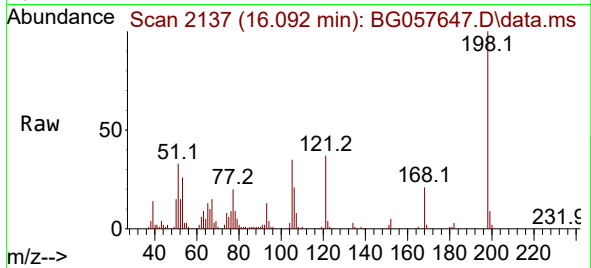




#65
4,6-Dinitro-2-methylphenol
Concen: 50.805 ng
RT: 16.092 min Scan# 2138
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

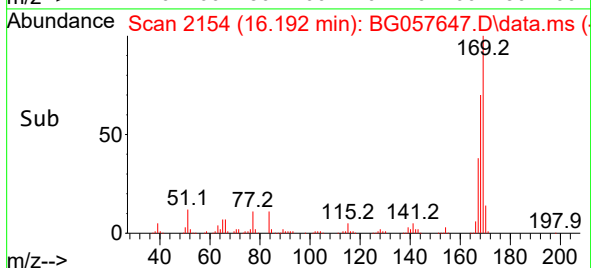
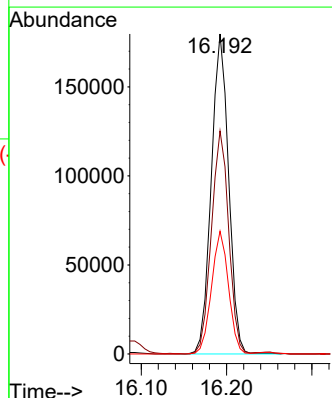
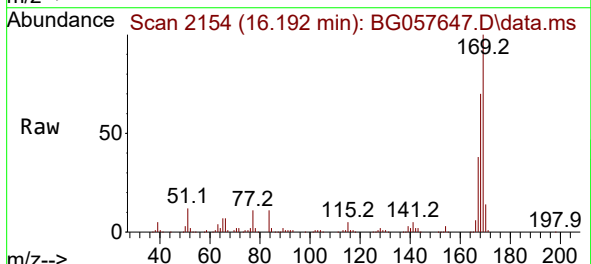
Instrument :
BNA_G
ClientSampleId :
PB153181BS

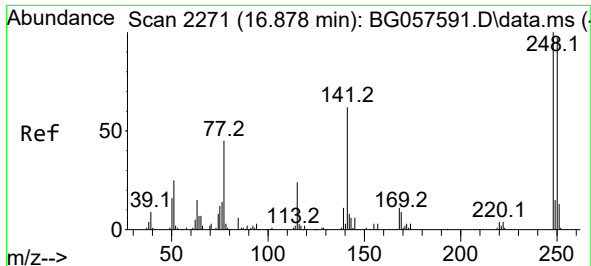
Tgt Ion:198 Resp: 58962
Ion Ratio Lower Upper
198 100
51 32.9 14.9 54.9
105 34.8 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 51.078 ng
RT: 16.192 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:169 Resp: 253042
Ion Ratio Lower Upper
169 100
168 69.7 56.7 85.1
167 38.4 30.7 46.1

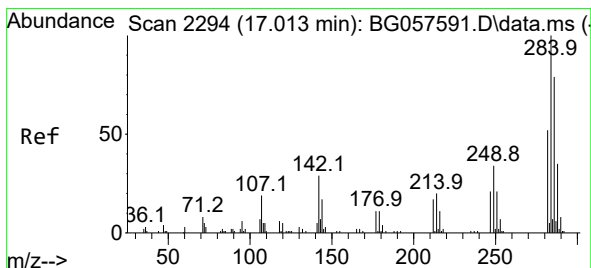
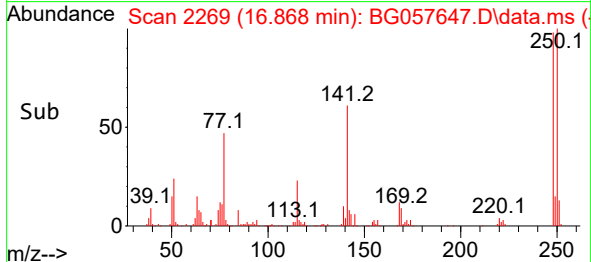
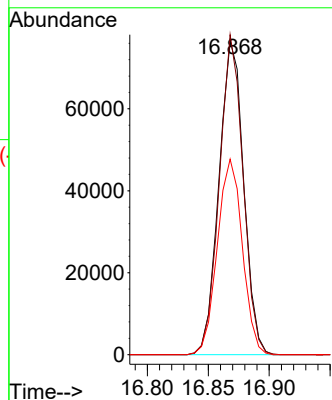
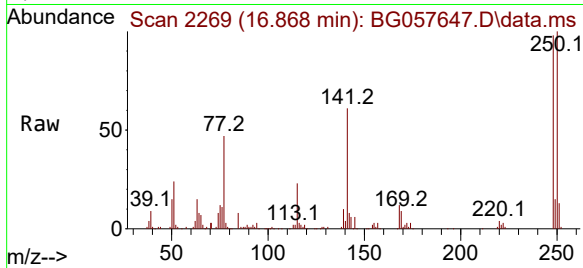




#67
4-Bromophenyl-phenylether
Concen: 50.526 ng
RT: 16.868 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

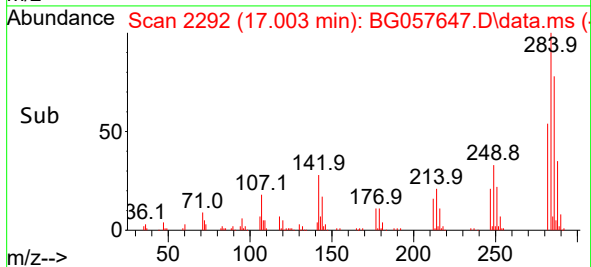
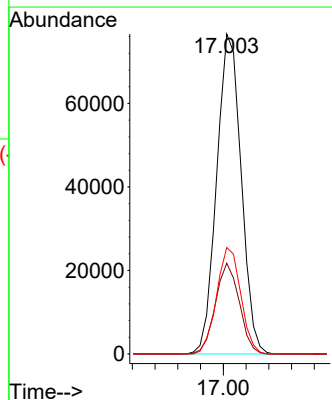
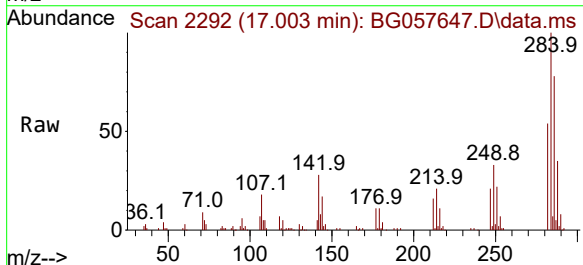
Instrument :
BNA_G
ClientSampleId :
PB153181BS

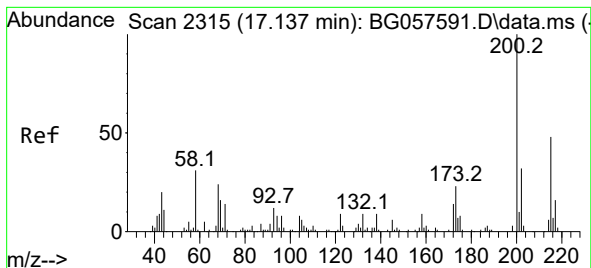
Tgt Ion:248 Resp: 108028
Ion Ratio Lower Upper
248 100
250 101.9 77.4 116.2
141 62.3 49.4 74.0



#68
Hexachlorobenzene
Concen: 51.956 ng
RT: 17.003 min Scan# 2292
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:284 Resp: 114507
Ion Ratio Lower Upper
284 100
142 28.4 22.9 34.3
249 33.3 27.0 40.4





#69

Atrazine

Concen: 53.441 ng

RT: 17.126 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

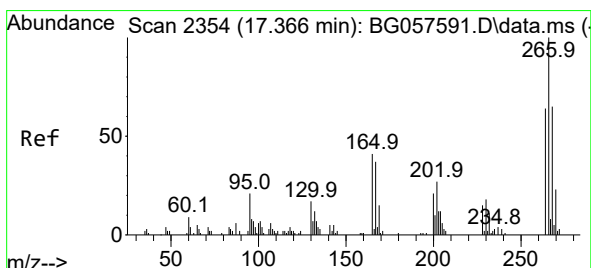
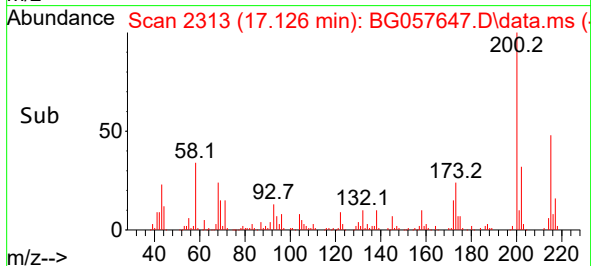
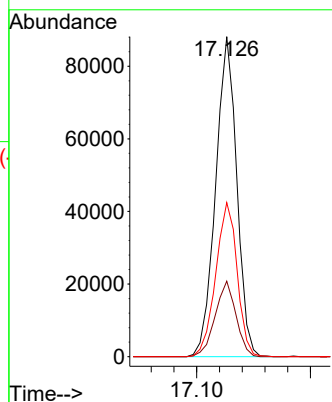
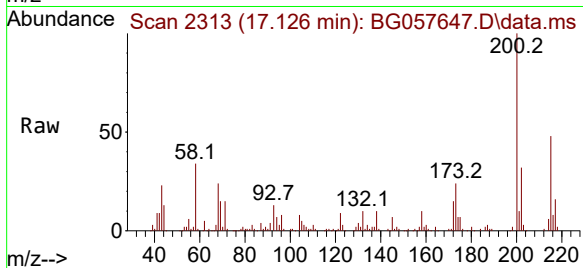
Tgt Ion:200 Resp: 113665

Ion Ratio Lower Upper

200 100

173 23.6 3.2 43.2

215 48.1 28.4 68.4



#70

Pentachlorophenol

Concen: 84.887 ng

RT: 17.355 min Scan# 2352

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

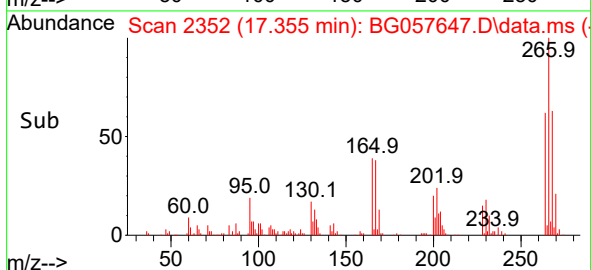
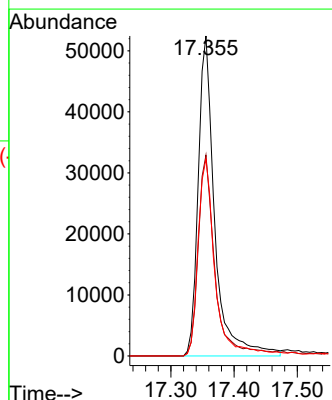
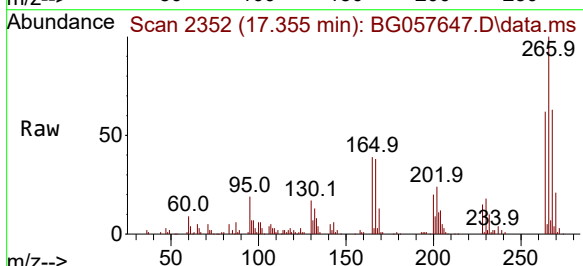
Tgt Ion:266 Resp: 95326

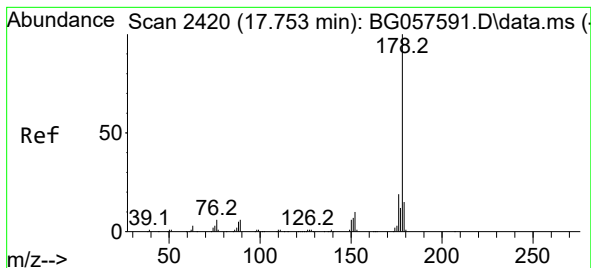
Ion Ratio Lower Upper

266 100

268 62.7 52.2 78.4

264 61.6 51.2 76.8





#71

Phenanthrene

Concen: 49.547 ng

RT: 17.743 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

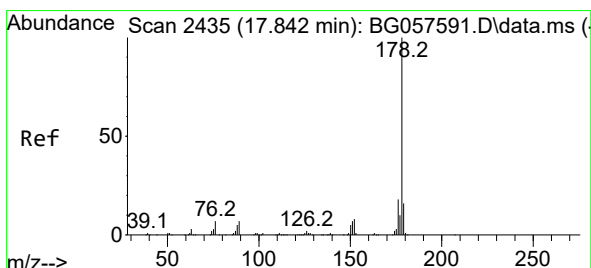
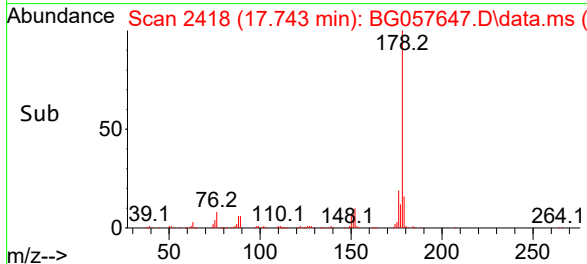
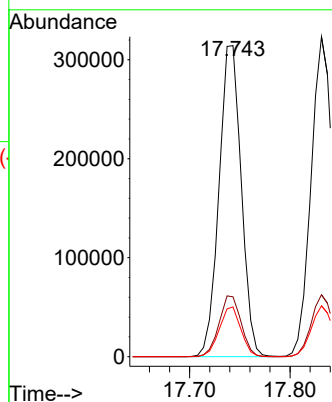
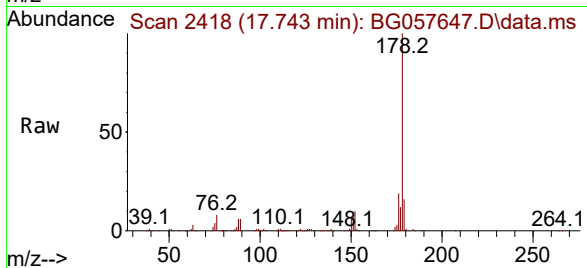
Tgt Ion:178 Resp: 483277

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.0 12.0 18.0



#72

Anthracene

Concen: 48.962 ng

RT: 17.831 min Scan# 2433

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

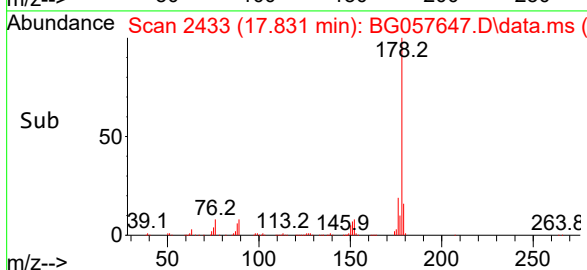
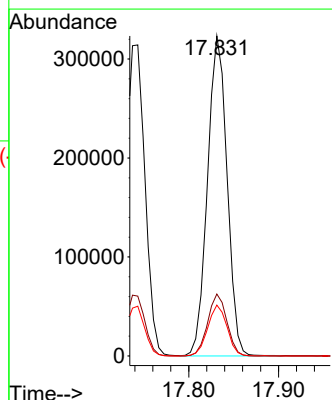
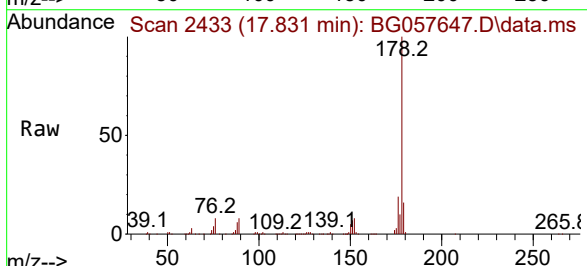
Tgt Ion:178 Resp: 489921

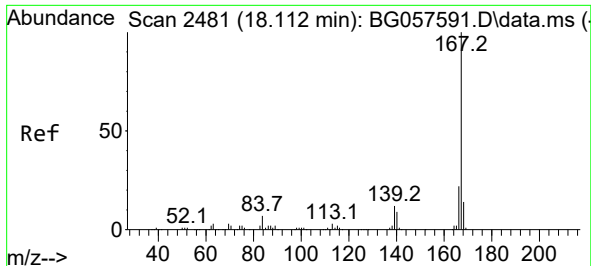
Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

179 15.9 12.6 18.8

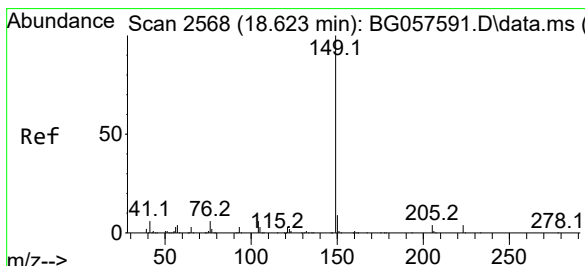
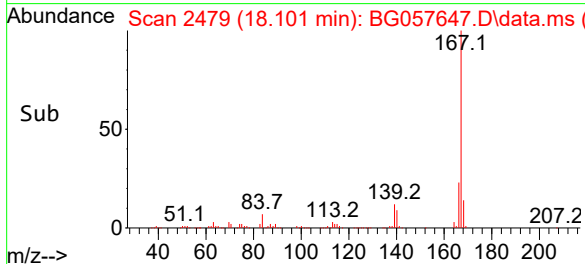
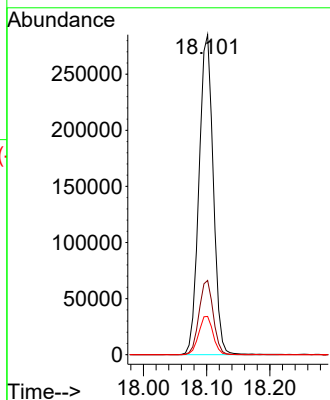
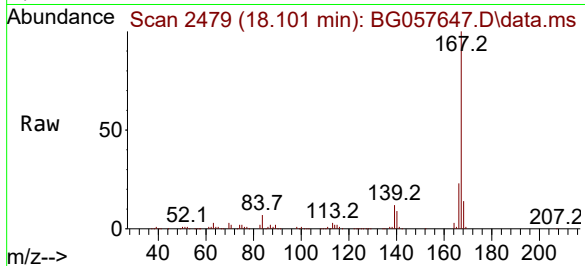




#73
 Carbazole
 Concen: 49.782 ng
 RT: 18.101 min Scan# 2481
 Delta R.T. 0.005 min
 Lab File: BG057647.D
 Acq: 6 Jun 2023 21:40

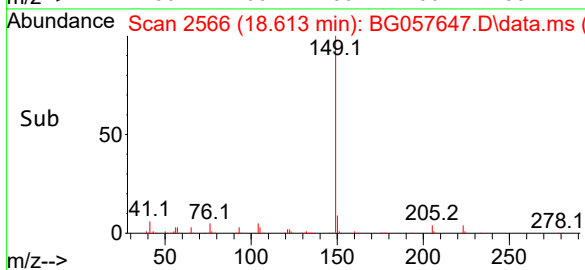
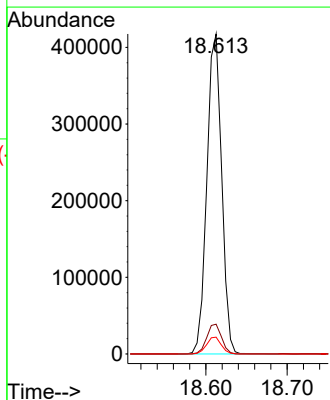
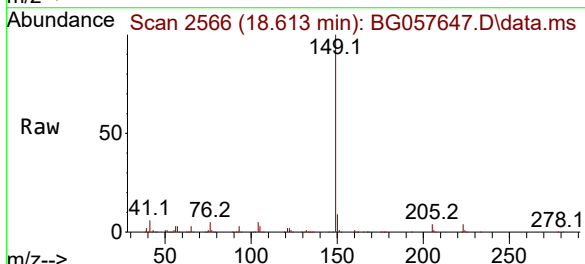
Instrument :
 BNA_G
 ClientSampleId :
 PB153181BS

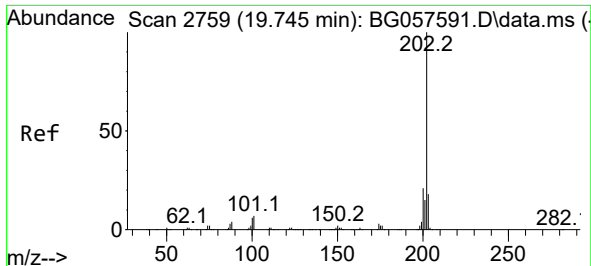
Tgt Ion:167 Resp: 445613
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.9 26.9
 139 12.0 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 49.511 ng
 RT: 18.613 min Scan# 2566
 Delta R.T. -0.001 min
 Lab File: BG057647.D
 Acq: 6 Jun 2023 21:40

Tgt Ion:149 Resp: 526119
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.3 4.6 6.8

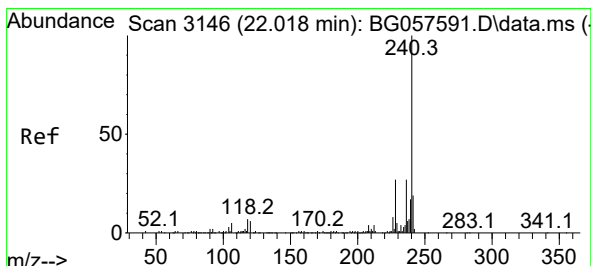
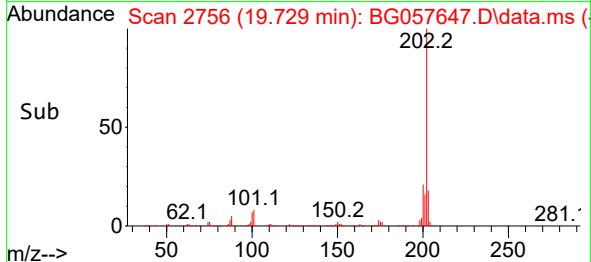
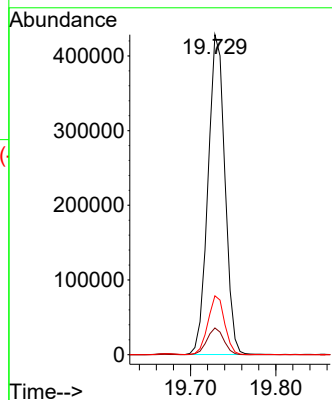
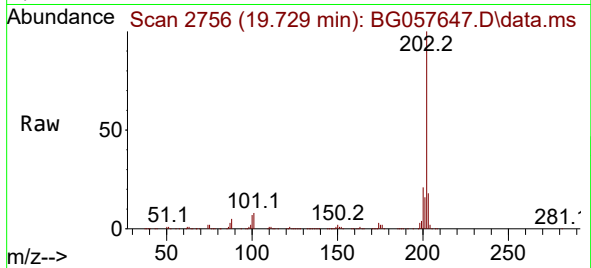




#75
Fluoranthene
Concen: 46.423 ng
RT: 19.729 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

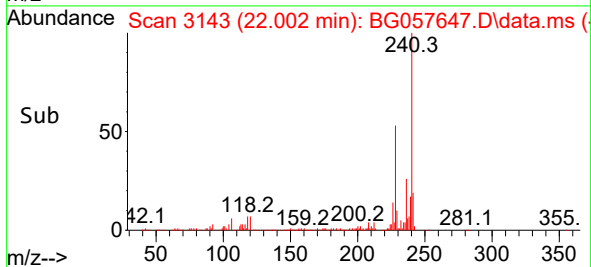
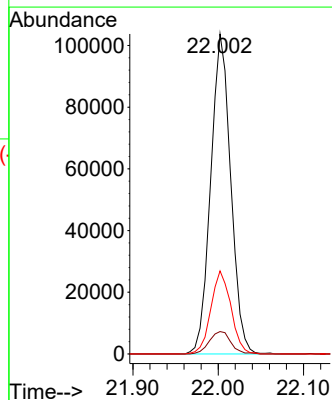
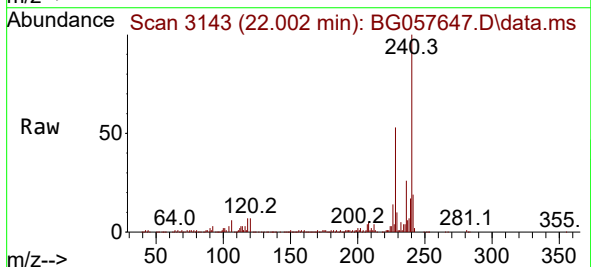
Instrument :
BNA_G
ClientSampleId :
PB153181BS

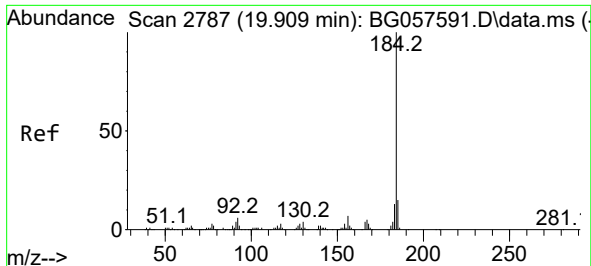
Tgt Ion:202 Resp: 587826
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.5
203 18.4 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.002 min Scan# 3143
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:240 Resp: 169158
Ion Ratio Lower Upper
240 100
120 7.0 5.2 7.8
236 25.9 21.4 32.0

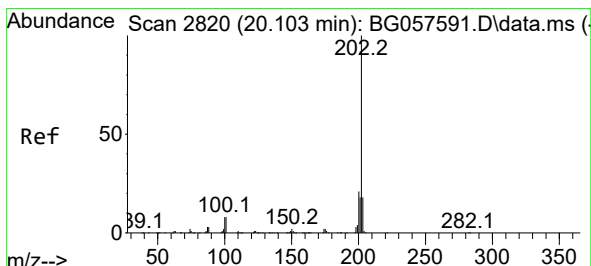
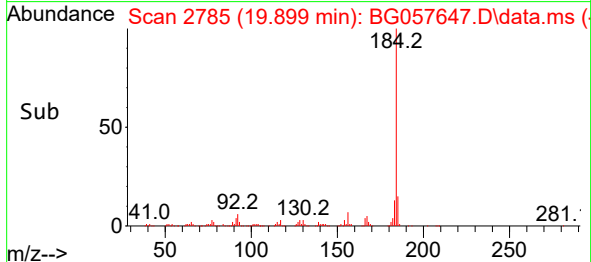
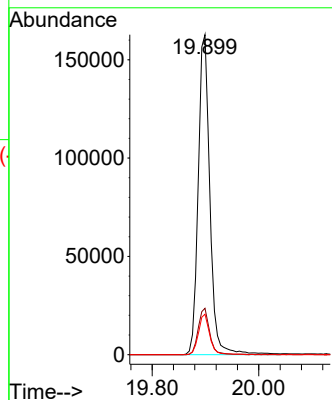
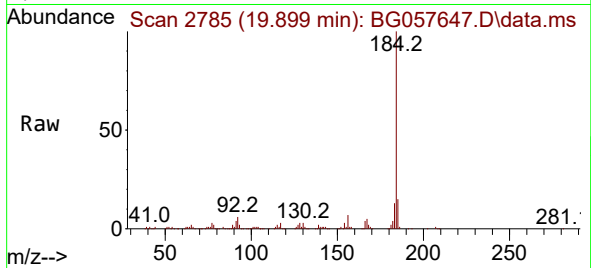




#77
Benzidine
Concen: 48.356 ng
RT: 19.899 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

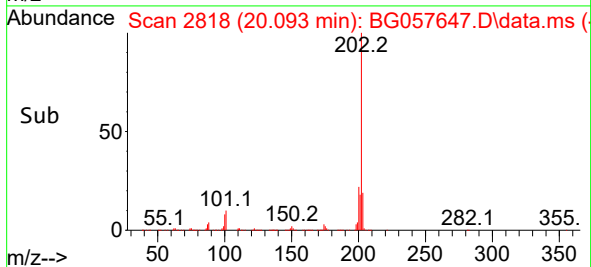
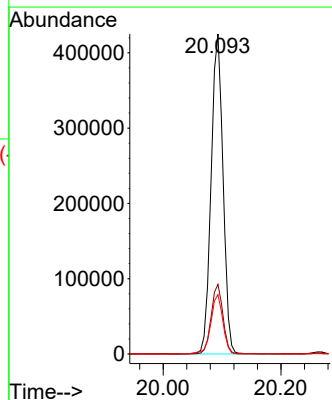
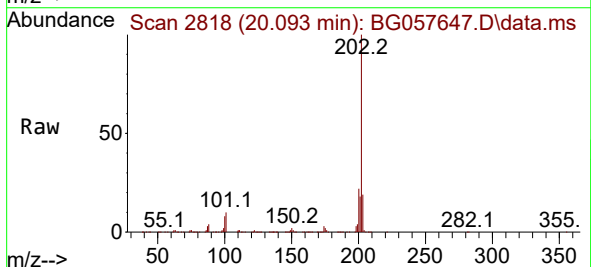
Instrument :
BNA_G
ClientSampleId :
PB153181BS

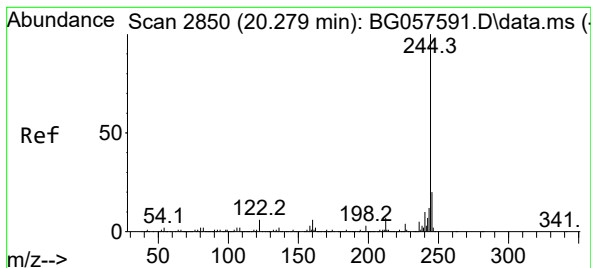
Tgt Ion:184 Resp: 247523
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 12.7 10.0 15.0



#78
Pyrene
Concen: 49.724 ng
RT: 20.093 min Scan# 2818
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:202 Resp: 598896
Ion Ratio Lower Upper
202 100
200 21.8 16.8 25.2
203 18.5 14.5 21.7





#79

Terphenyl-d14

Concen: 99.274 ng

RT: 20.263 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

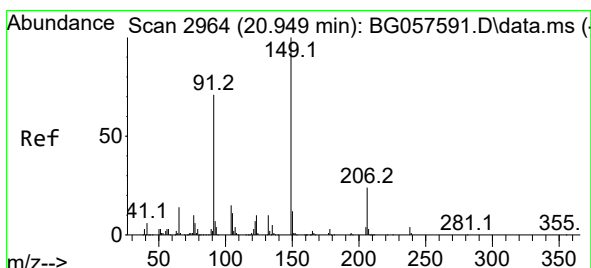
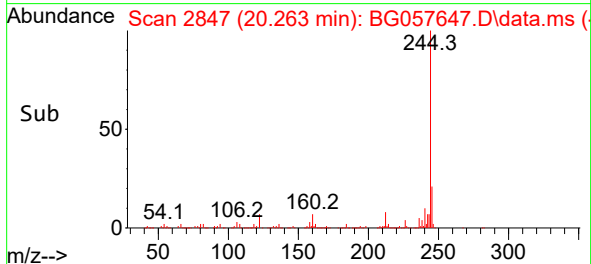
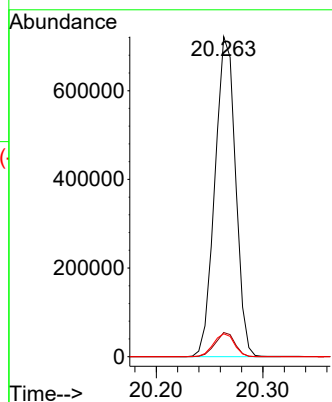
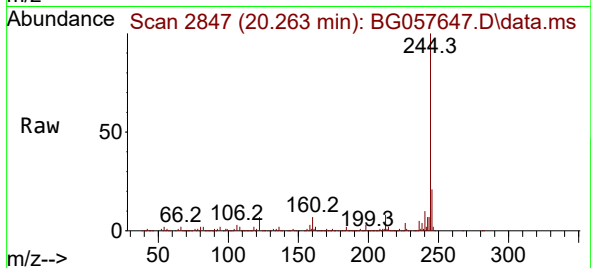
Tgt Ion:244 Resp: 969451

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

122 7.2 4.8 7.2



#80

Butylbenzylphthalate

Concen: 51.896 ng

RT: 20.939 min Scan# 2962

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

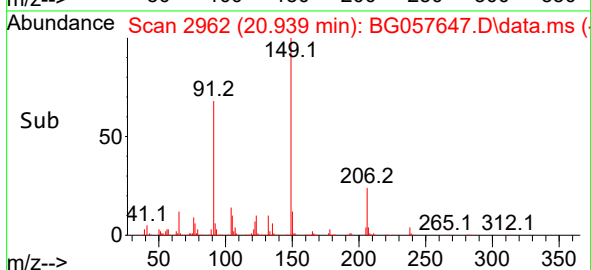
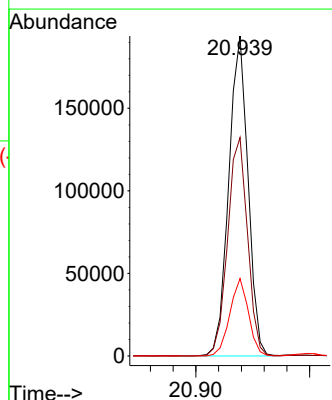
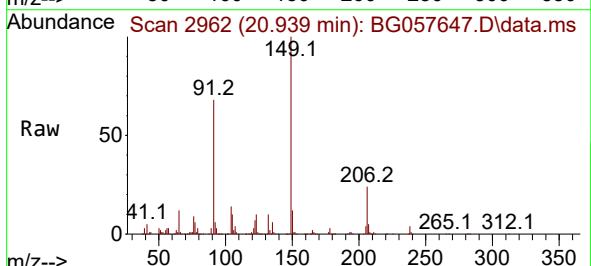
Tgt Ion:149 Resp: 227643

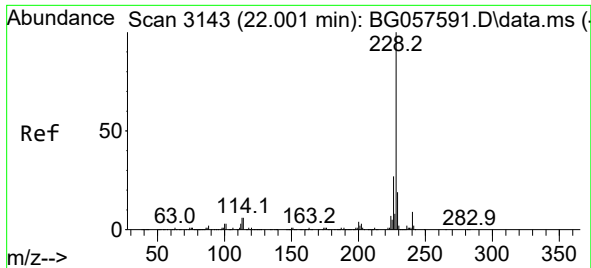
Ion Ratio Lower Upper

149 100

91 68.3 57.0 85.6

206 24.2 19.4 29.2

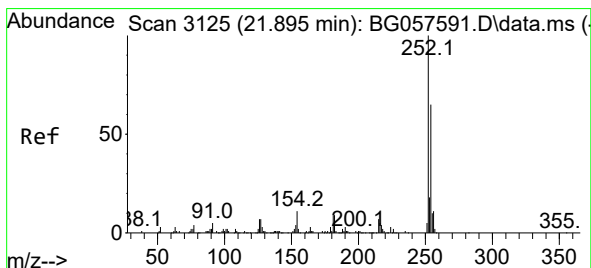
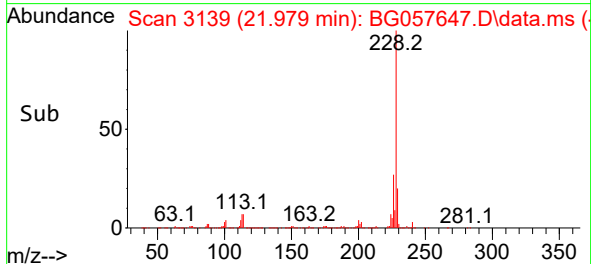
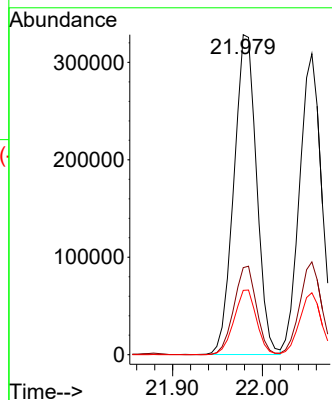
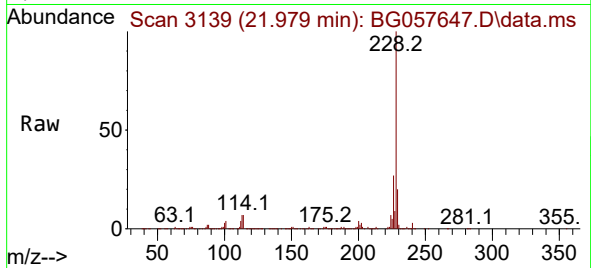




#81
Benzo(a)anthracene
Concen: 49.117 ng
RT: 21.979 min Scan# 3143
Delta R.T. -0.001 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

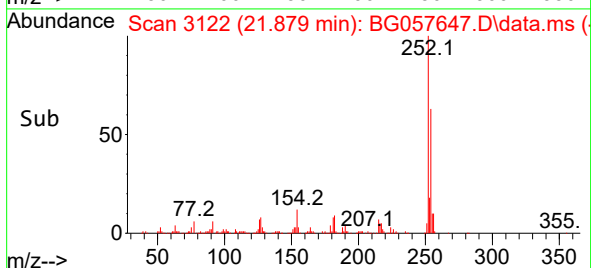
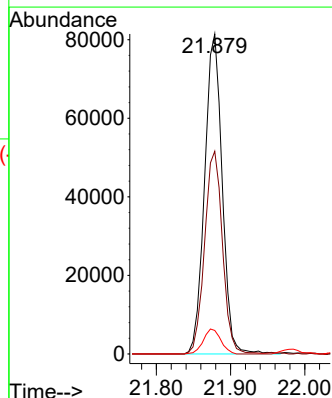
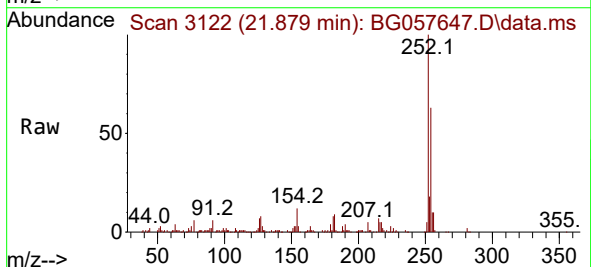
Instrument :
BNA_G
ClientSampleId :
PB153181BS

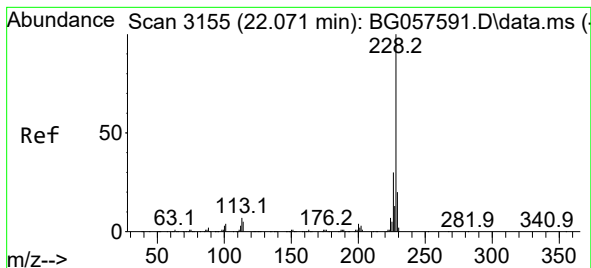
Tgt Ion:228 Resp: 576418
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 20.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 31.010 ng
RT: 21.879 min Scan# 3122
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:252 Resp: 134200
Ion Ratio Lower Upper
252 100
254 63.4 51.8 77.8
126 7.4 5.4 8.2





#83

Chrysene

Concen: 47.265 ng

RT: 22.055 min Scan# 3112

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

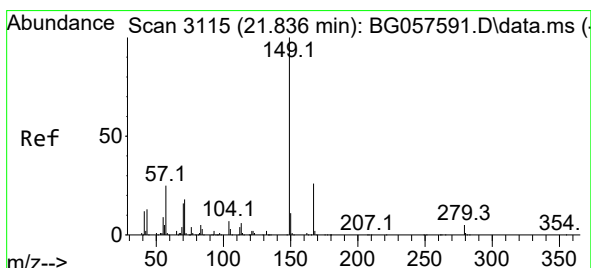
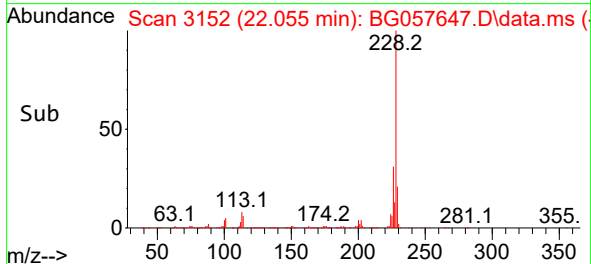
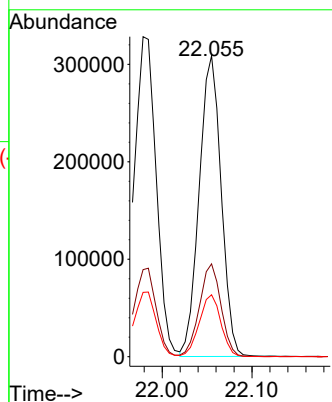
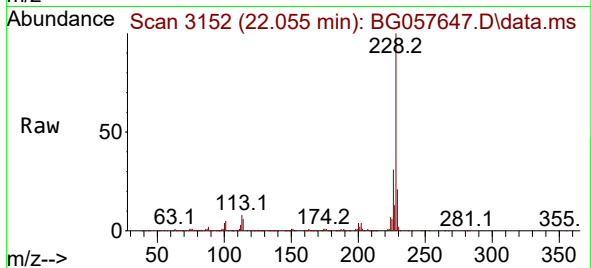
Tgt Ion:228 Resp: 524180

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.033 ng

RT: 21.820 min Scan# 3112

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

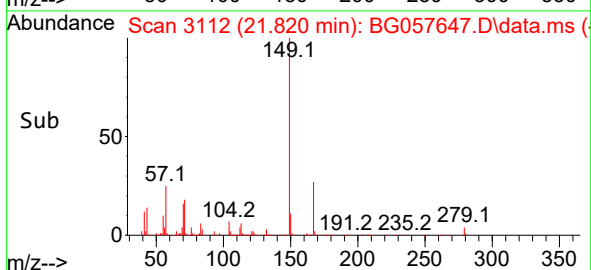
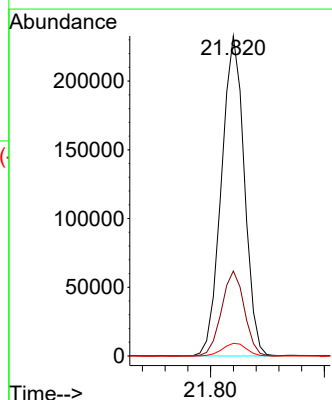
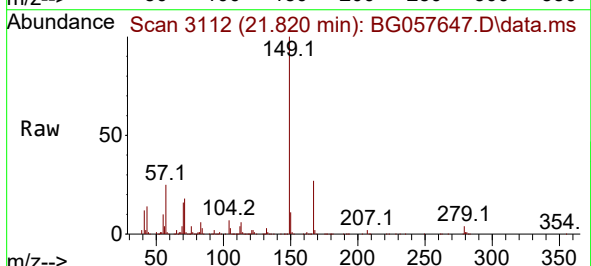
Tgt Ion:149 Resp: 325576

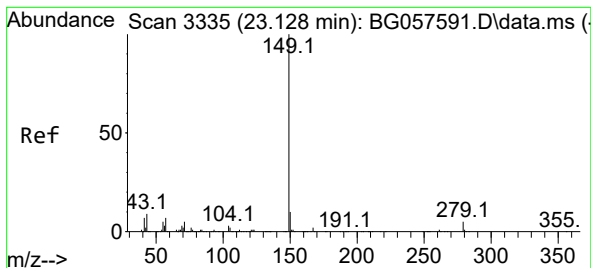
Ion Ratio Lower Upper

149 100

167 26.6 20.6 31.0

279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.704 ng

RT: 23.106 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

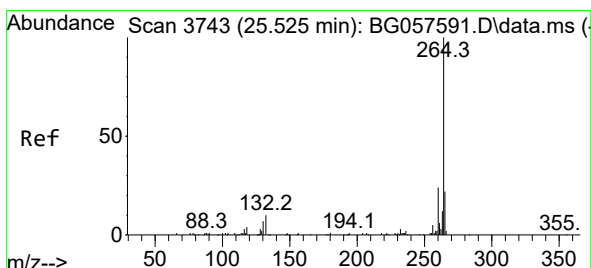
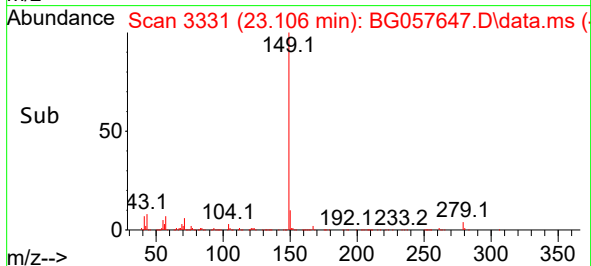
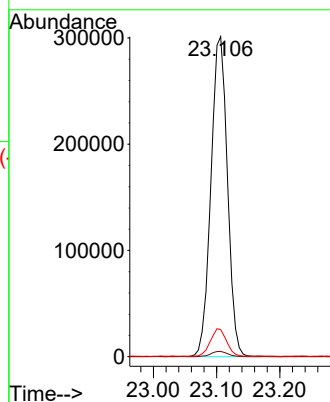
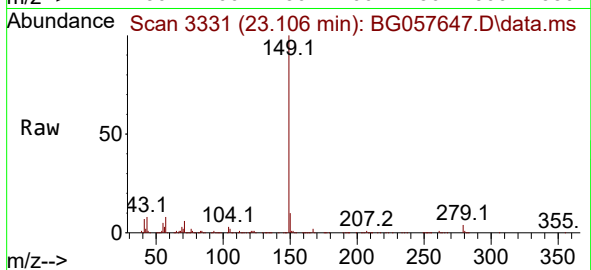
Tgt Ion:149 Resp: 546619

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.4 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.491 min Scan# 3737

Delta R.T. -0.007 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

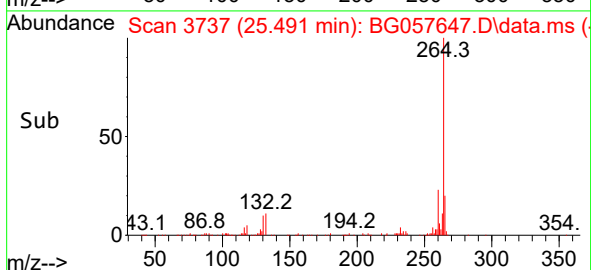
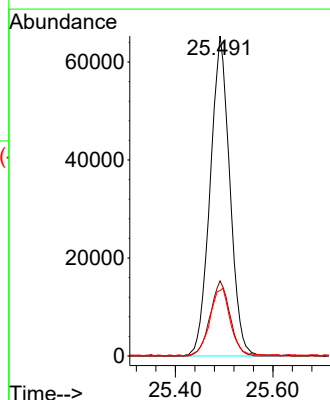
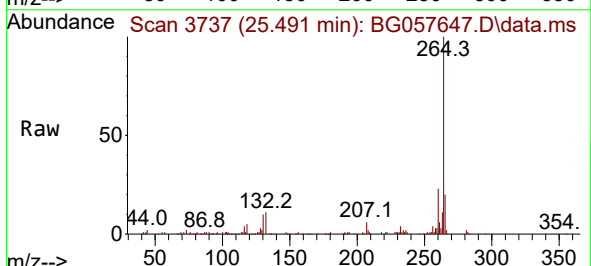
Tgt Ion:264 Resp: 182412

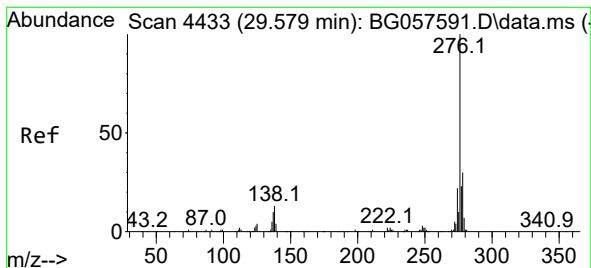
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 20.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.619 ng

RT: 29.545 min Scan# 4433

Delta R.T. -0.007 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

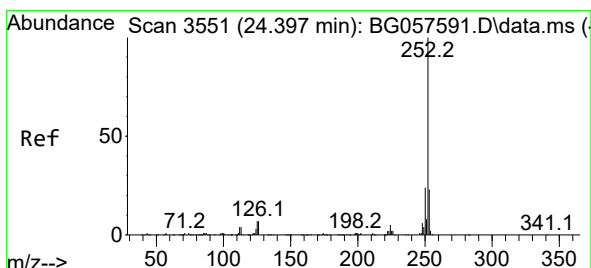
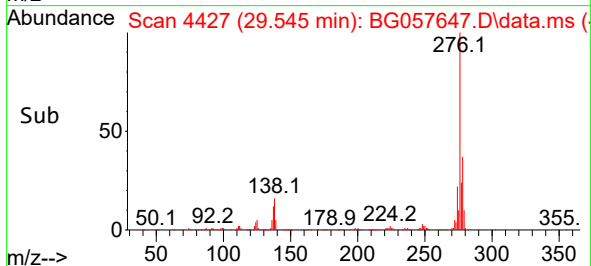
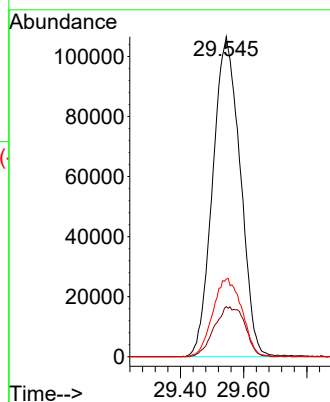
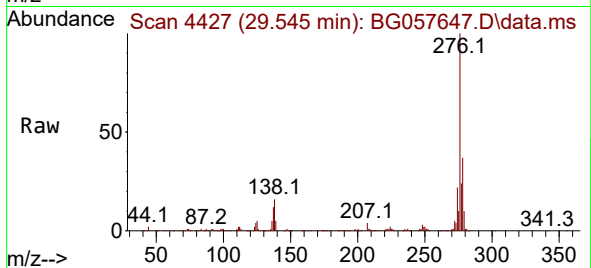
Tgt Ion:276 Resp: 643761

Ion Ratio Lower Upper

276 100

138 17.4 12.3 18.5

277 25.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 51.592 ng

RT: 24.375 min Scan# 3547

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

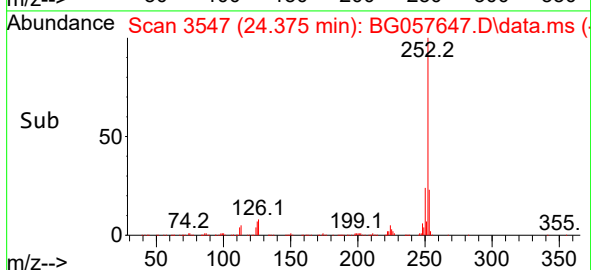
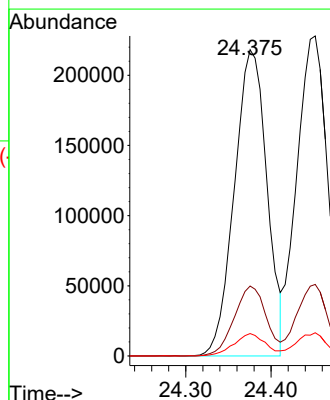
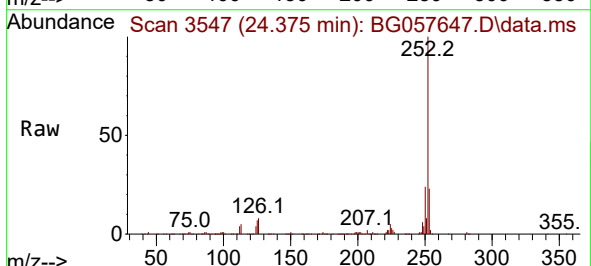
Tgt Ion:252 Resp: 579273

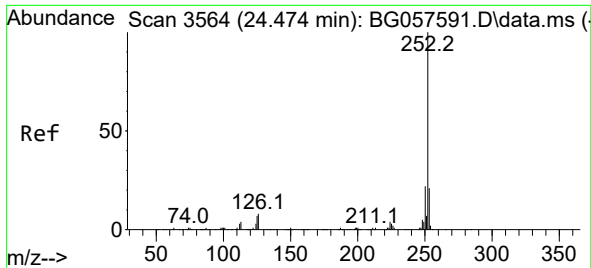
Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 7.3 5.2 7.8

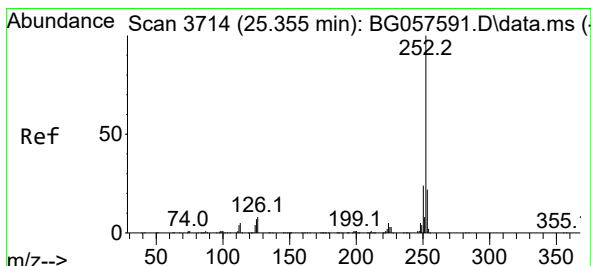
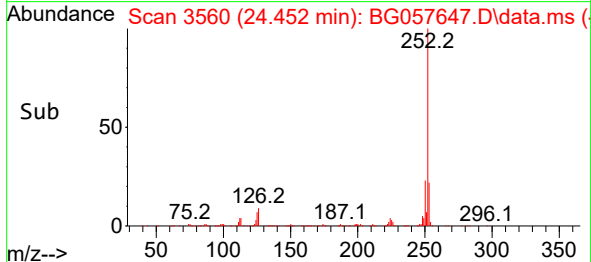
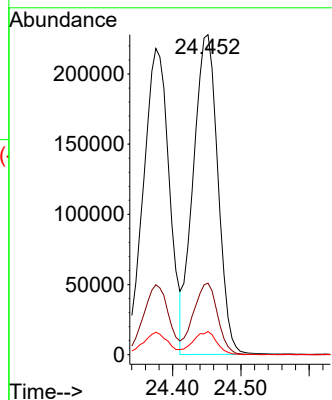
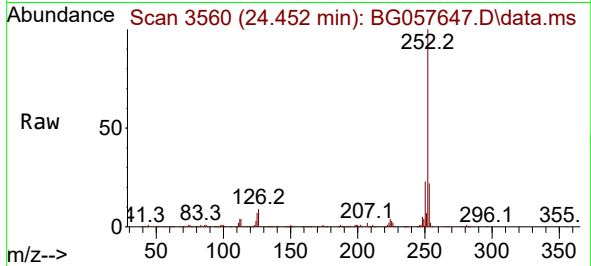




#89
Benzo(k)fluoranthene
Concen: 50.375 ng
RT: 24.452 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

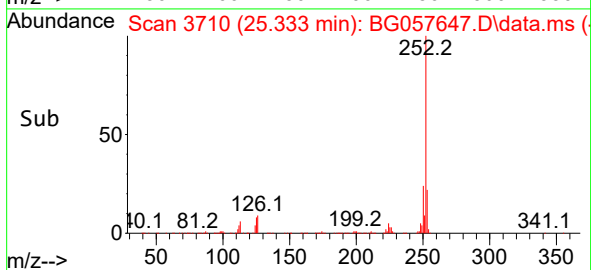
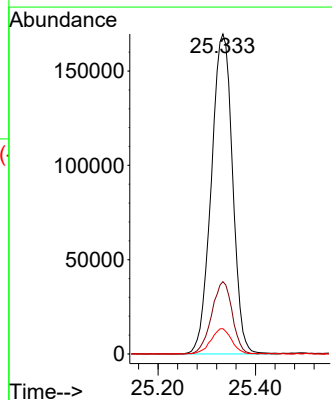
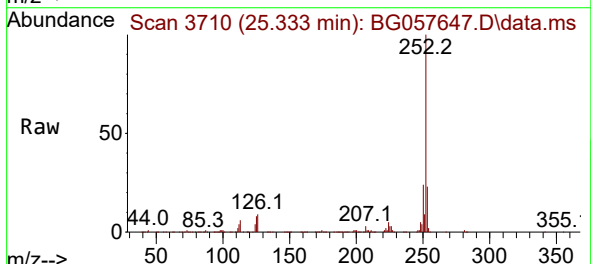
Instrument :
BNA_G
ClientSampleId :
PB153181BS

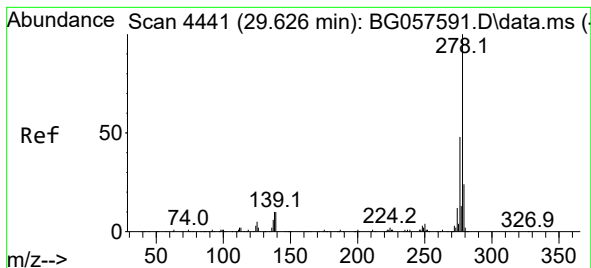
Tgt Ion:252 Resp: 570825
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 7.3 5.1 7.7



#90
Benzo(a)pyrene
Concen: 46.837 ng
RT: 25.333 min Scan# 3710
Delta R.T. 0.005 min
Lab File: BG057647.D
Acq: 6 Jun 2023 21:40

Tgt Ion:252 Resp: 512856
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 7.9 5.3 7.9#





#91

Dibenzo(a,h)anthracene

Concen: 50.986 ng

RT: 29.592 min Scan# 4435

Delta R.T. -0.001 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

PB153181BS

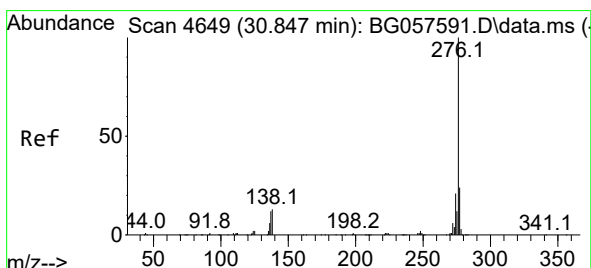
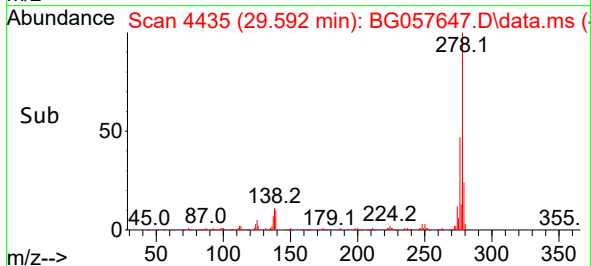
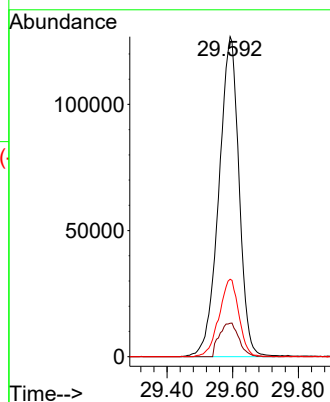
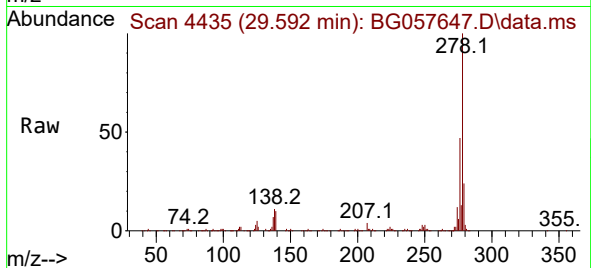
Tgt Ion:278 Resp: 539659

Ion Ratio Lower Upper

278 100

139 10.4 7.8 11.8

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.787 ng

RT: 30.814 min Scan# 4643

Delta R.T. 0.005 min

Lab File: BG057647.D

Acq: 6 Jun 2023 21:40

Tgt Ion:276 Resp: 524257

Ion Ratio Lower Upper

276 100

277 22.7 18.9 28.3

138 14.2 10.2 15.4

