

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
 Data File : BG057351.D
 Acq On : 9 May 2023 13:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020481

Quant Time: May 09 23:22:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.366	152	16417	20.000	ng/u1	0.00
20) Naphthalene-d8	11.203	136	64489	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.980	164	50027	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.724	188	124876	20.000	ng/u1	0.00
79) Chrysene-d12	22.035	240	118219	20.000	ng/u1	0.00
88) Perylene-d12	25.542	264	122755	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	3319	8.897	ng/uL	0.00
4) Pyridine-d5	4.083	84	23639	20.098	ng/u1	0.00
7) Phenol-d5	7.502	99	29459	18.974	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.667	67	17598	19.271	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.890	132	20871	20.399	ng/u1	0.00
15) 4-Methylphenol-d8	9.065	113	22348	18.939	ng/u1	-0.01
21) Nitrobenzene-d5	9.546	128	10786	21.002	ng/u1	0.00
24) 2-Nitrophenol-d4	10.275	143	12876	21.483	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.815	165	25949	22.441	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.332	131	32706	21.340	ng/u1	0.00
46) Dimethylphthalate-d6	14.363	166	85394	21.542	ng/u1	0.00
49) Acenaphthylene-d8	14.681	160	96902	21.750	ng/u1	0.00
54) 4-Nitrophenol-d4	15.168	143	10437	18.088	ng/u1	0.00
60) Fluorene-d10	15.967	176	78800	21.339	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	14517	19.621	ng/u1	0.00
73) Anthracene-d10	17.818	188	127478	22.365	ng/u1	0.00
81) Pyrene-d10	20.085	212	150479	21.445	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.302	264	138040	22.072	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.684	88	3810	9.630	ng/uL#	92
5) Pyridine	4.107	79	25973	20.949	ng/u1	89
6) Benzaldehyde	7.490	77	10271	21.660	ng/u1	91
8) Phenol	7.532	94	30948	19.777	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.761	93	23111	19.733	ng/u1	92
12) 2-Chlorophenol	7.925	128	22336	20.784	ng/u1	96
13) 2-Methylphenol	8.800	108	23088	19.038	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.888	45	27723	18.360	ng/u1	97
16) Acetophenone	9.194	105	39560	19.483	ng/u1	89
17) N-Nitroso-di-n-propyla...	9.165	70	21378	18.321	ng/u1	95
18) 4-Methylphenol	9.129	108	25393	19.344	ng/u1	96
19) Hexachloroethane	9.464	117	9588	21.324	ng/u1#	92
22) Nitrobenzene	9.588	77	31551	20.631	ng/u1	96
23) Isophorone	10.104	82	58582	20.134	ng/u1	99
25) 2-Nitrophenol	10.304	139	13701	22.569	ng/u1	99
26) 2,4-Dimethylphenol	10.345	107	29393	21.344	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.580	93	32001	21.158	ng/u1	98
29) 2,4-Dichlorophenol	10.851	162	24773	22.571	ng/u1	94
30) Naphthalene	11.256	128	77871	21.992	ng/u1	97
32) 4-Chloroaniline	11.356	127	34241	21.442	ng/u1	97
33) Hexachlorobutadiene	11.526	225	21867	23.490	ng/u1	94
34) Caprolactam	12.102	113	7663	20.739	ng/u1	92
35) 4-Chloro-3-methylphenol	12.454	107	26860	21.269	ng/u1#	96
36) 2-Methylnaphthalene	12.836	142	57597	22.181	ng/u1	99

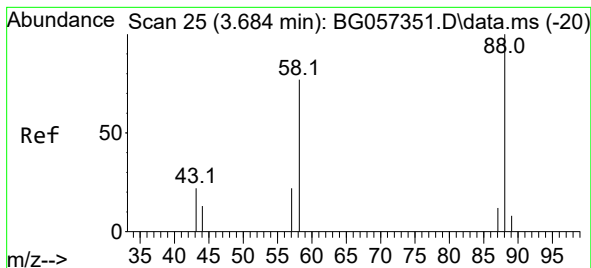
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.053	142	57760	22.122	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.194	216	41082	22.598	ng/ul	98
40) Hexachlorocyclopentadiene	13.165	237	15610	17.206	ng/ul	98
41) 2,4,6-Trichlorophenol	13.429	196	23341	22.045	ng/ul	94
42) 2,4,5-Trichlorophenol	13.429	196	17792	15.651	ng/ul	91
43) 1,1'-Biphenyl	13.817	154	83395	21.847	ng/ul	99
44) 2-Chloronaphthalene	13.870	162	65109	21.998	ng/ul	99
45) 2-Nitroaniline	14.064	65	18818	21.061	ng/ul	92
47) Dimethylphthalate	14.410	163	87008	21.858	ng/ul	99
48) 2,6-Dinitrotoluene	14.546	165	17623	21.512	ng/ul	98
50) Acenaphthylene	14.710	152	99529	21.984	ng/ul	98
51) 3-Nitroaniline	14.880	138	12491	21.519	ng/ul	98
52) Acenaphthene	15.045	153	69943	21.683	ng/ul	98
53) 2,4-Dinitrophenol	15.104	184	6091	13.962	ng/ul	97
55) 4-Nitrophenol	15.186	109	11867	18.143	ng/ul	96
56) Dibenzofuran	15.374	168	102417	21.986	ng/ul	99
57) 2,4-Dinitrotoluene	15.333	165	26295	22.422	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.603	232	22698	21.974	ng/ul	98
59) Diethylphthalate	15.762	149	87649	21.672	ng/ul	99
61) Fluorene	16.020	166	85027	21.586	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.997	204	49828	21.674	ng/ul	99
63) 4-Nitroaniline	16.032	138	11256	20.477	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.102	198	15537	20.608	ng/ul	95
67) N-Nitrosodiphenylamine	16.214	169	72437	22.206	ng/ul	100
68) 4-Bromophenyl-phenylether	16.895	248	33965	22.756	ng/ul	99
69) Hexachlorobenzene	17.030	284	35696	22.712	ng/ul	97
70) Atrazine	17.148	200	32557	22.457	ng/ul	99
71) Pentachlorophenol	17.377	266	9483	13.053	ng/ul	95
72) Phenanthrene	17.765	178	145787	22.419	ng/ul	99
74) Anthracene	17.853	178	146998	22.504	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.794	216	43502	23.161	ng/ul	97
76) Pentachlorobenzene	15.297	250	42620	22.293	ng/ul	95
77) Carbazole	18.117	167	123433	22.611	ng/ul	99
78) Di-n-butylphthalate	18.640	149	143925	23.056	ng/ul	99
80) Fluoranthene	19.756	202	182964	21.950	ng/ul	97
82) Pyrene	20.114	202	184392	21.852	ng/ul	99
83) Butylbenzylphthalate	20.966	149	62691	23.199	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.906	252	57679	21.969	ng/ul	98
85) Benzo(a)anthracene	22.012	228	184750	22.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.859	149	89803	22.849	ng/ul	98
87) Chrysene	22.082	228	172125	21.820	ng/ul	97
89) Di-n-octyl phthalate	23.152	149	153062	22.580	ng/ul	100
90) Benzo(b)fluoranthene	24.415	252	187256	22.028	ng/ul	99
91) Benzo(k)fluoranthene	24.491	252	182797	22.103	ng/ul	99
93) Benzo(a)pyrene	25.378	252	162008	22.075	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.596	276	206378	22.496	ng/ul	99
95) Dibenzo(a,h)anthracene	29.654	278	169360	22.264	ng/ul	99
96) Benzo(g,h,i)perylene	30.865	276	165364	22.273	ng/ul	99

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



#2

1,4-Dioxane

Concen: 9.630 ng/uL

RT: 3.684 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057351.D

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Instrument :

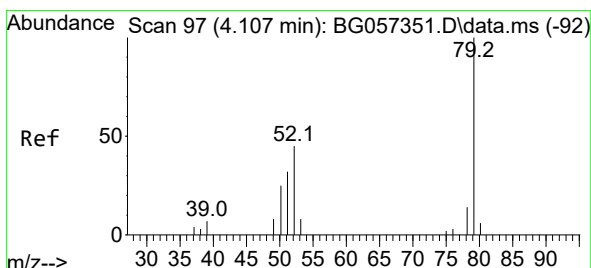
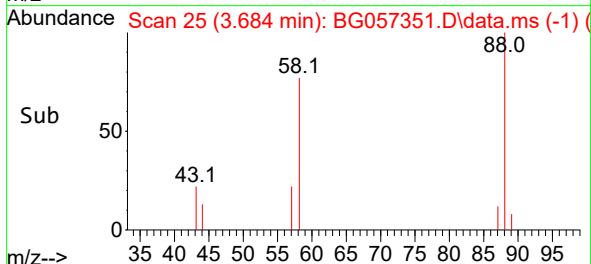
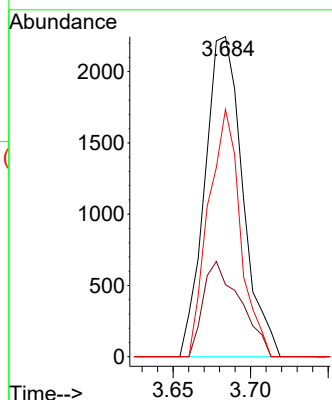
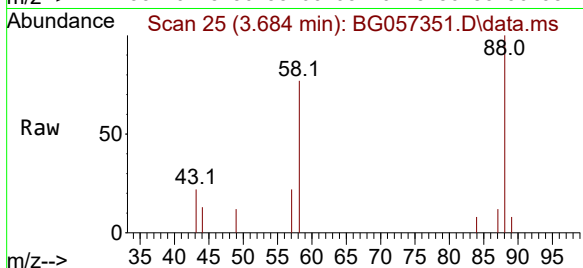
BNA_G

ClientSampleId :

SSTD020481

Tgt Ion: 88 Resp: 3810

Ion	Ratio	Lower	Upper
88	100		
43	22.5	28.2	42.4#
58	77.3	63.3	94.9



#5

Pyridine

Concen: 20.949 ng/uL

RT: 4.107 min Scan# 97

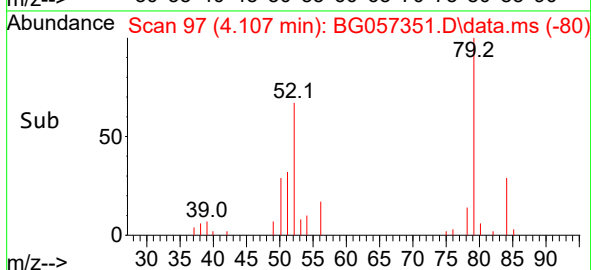
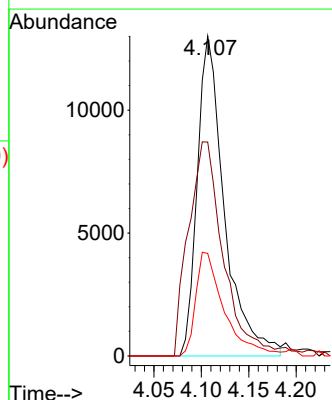
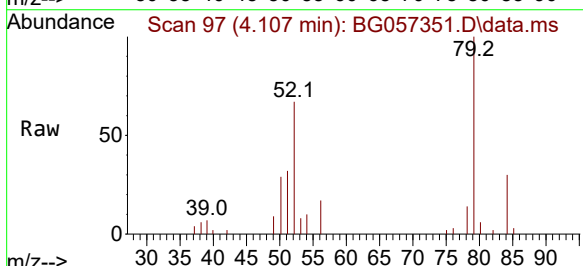
Delta R.T. -0.003 min

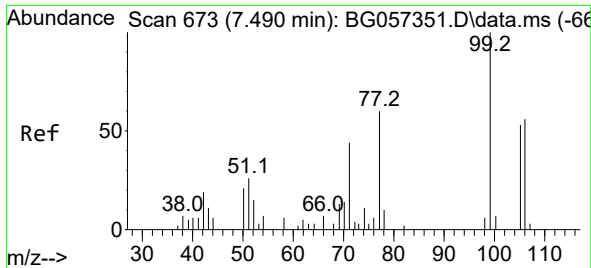
Lab File: BG057351.D

Acq: 9 May 2023 13:48

Tgt Ion: 79 Resp: 25973

Ion	Ratio	Lower	Upper
79	100		
52	66.9	62.4	93.6
51	32.0	29.0	43.4

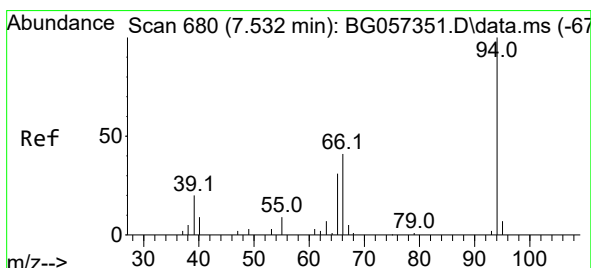
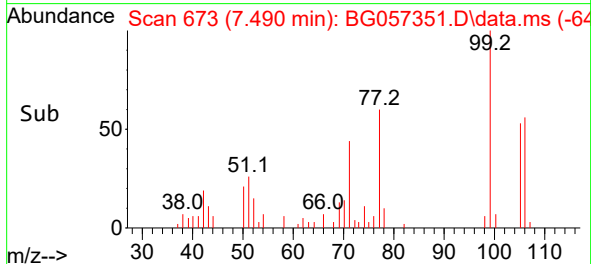
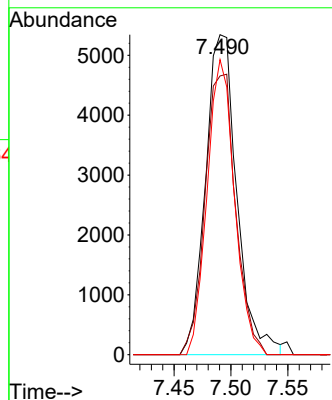
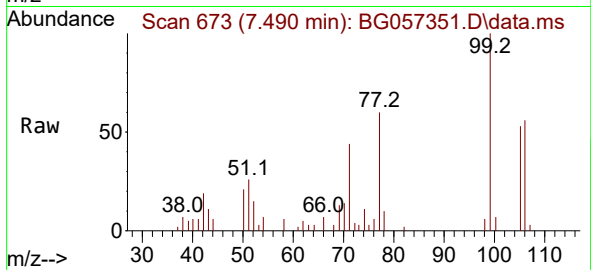




#6
Benzaldehyde
Concen: 21.660 ng/ul
RT: 7.490 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

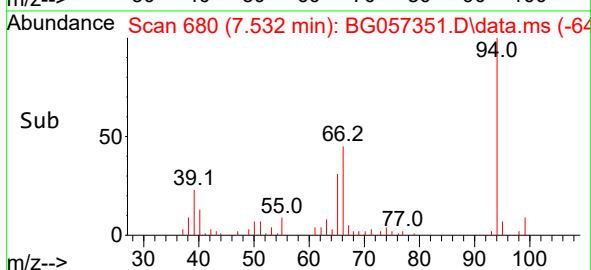
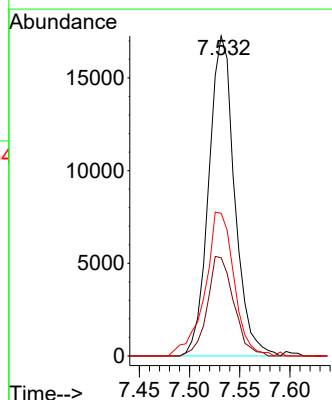
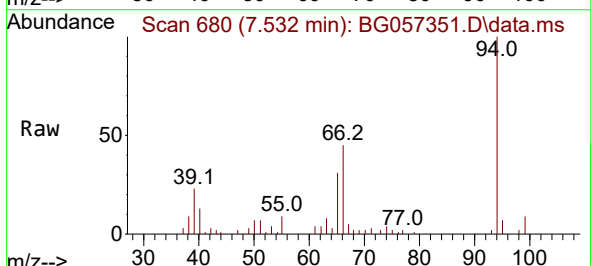
Instrument :
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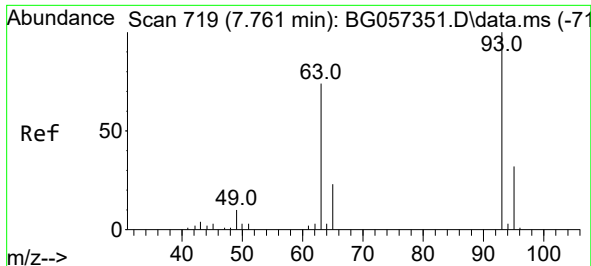
Tgt Ion: 77 Resp: 10271
Ion Ratio Lower Upper
77 100
105 87.1 79.8 119.6
106 92.2 78.7 118.1



#8
Phenol
Concen: 19.777 ng/ul
RT: 7.532 min Scan# 680
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion: 94 Resp: 30948
Ion Ratio Lower Upper
94 100
65 30.7 25.5 38.3
66 44.6 36.9 55.3

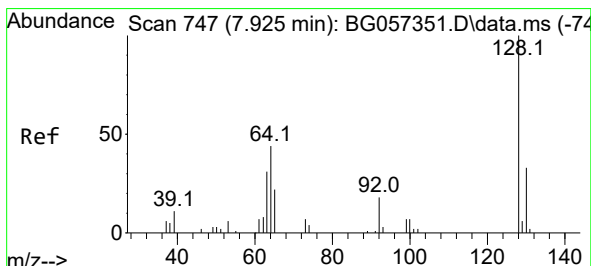
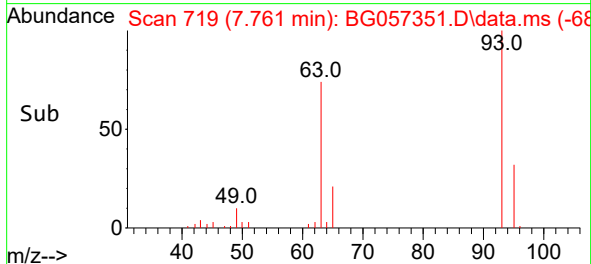
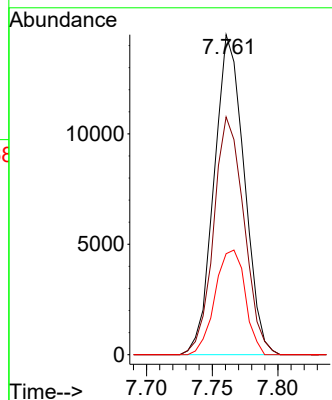
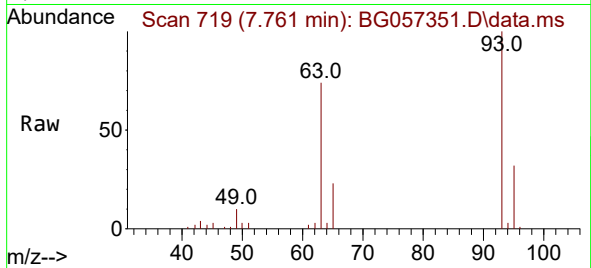




#10
Bis(2-Chloroethyl)ether
Concen: 19.733 ng/ul
RT: 7.761 min Scan# 719
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

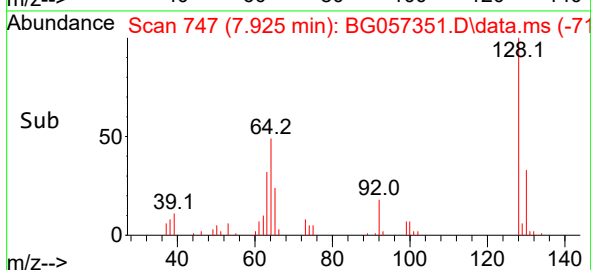
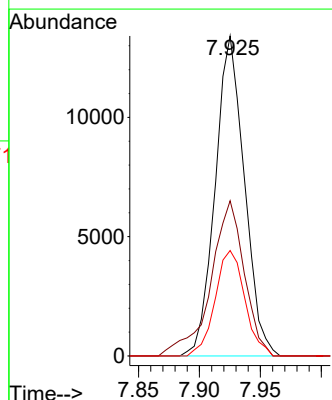
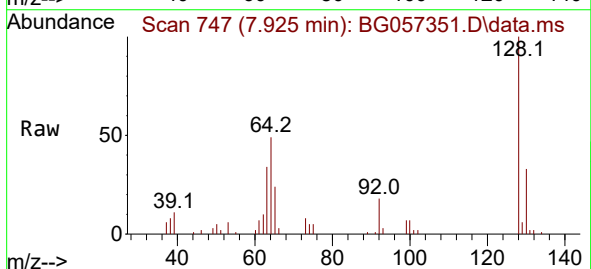
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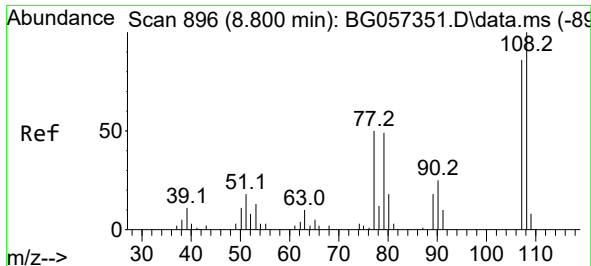
Tgt Ion: 93 Resp: 23111
Ion Ratio Lower Upper
93 100
63 74.3 67.2 100.8
95 31.6 26.3 39.5



#12
2-Chlorophenol
Concen: 20.784 ng/ul
RT: 7.925 min Scan# 747
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:128 Resp: 22336
Ion Ratio Lower Upper
128 100
64 48.5 41.3 61.9
130 32.9 24.6 37.0

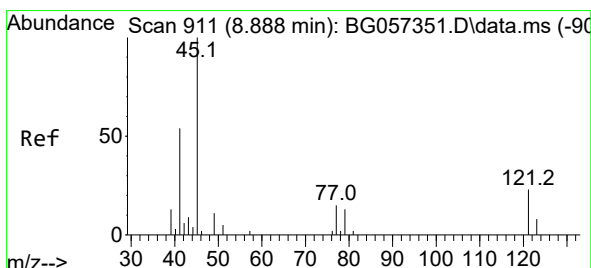
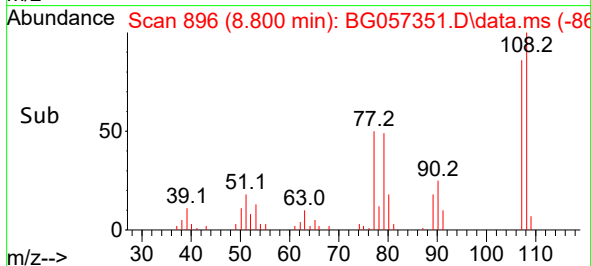
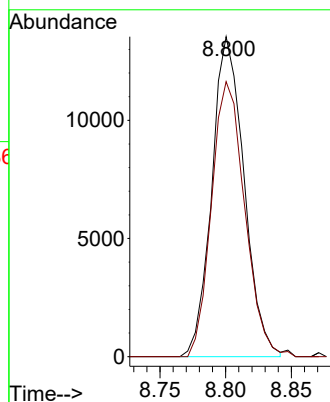
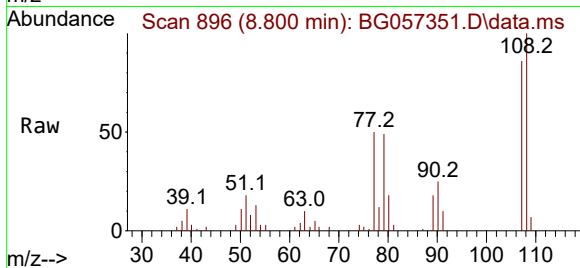




#13
2-Methylphenol
Concen: 19.038 ng/ul
RT: 8.800 min Scan# 896
Delta R.T. -0.015 min
Lab File: BG057351.D
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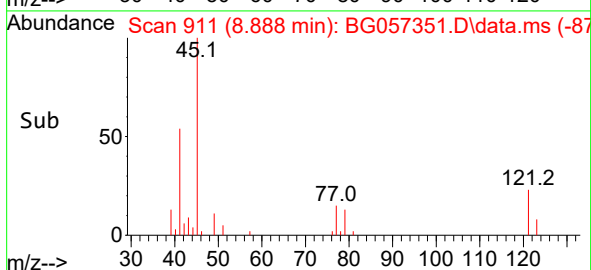
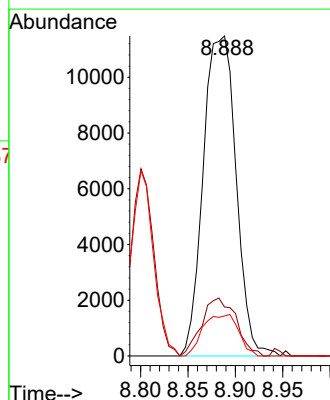
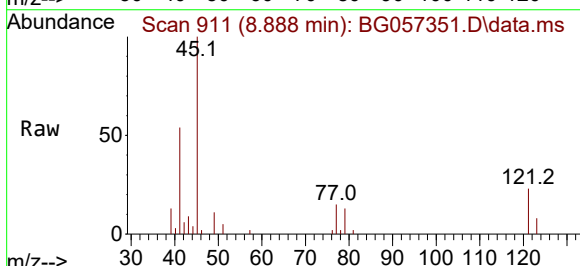
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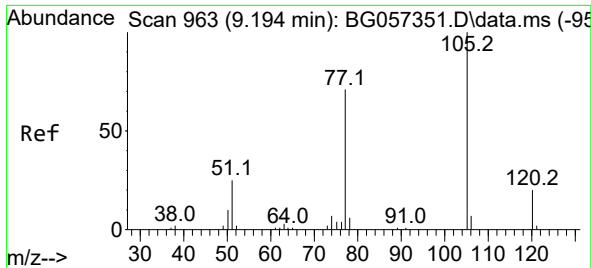
Tgt Ion:108 Resp: 23088
Ion Ratio Lower Upper
108 100
107 86.0 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.360 ng/ul
RT: 8.888 min Scan# 911
Delta R.T. -0.003 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion: 45 Resp: 27723
Ion Ratio Lower Upper
45 100
77 15.3 12.9 19.3
79 12.5 8.9 13.3

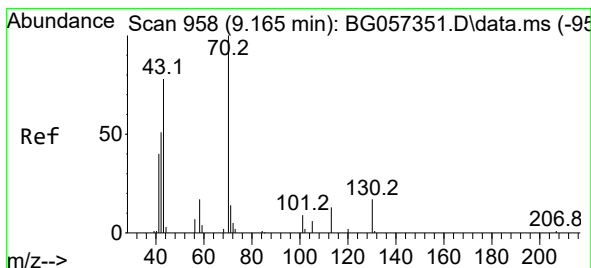
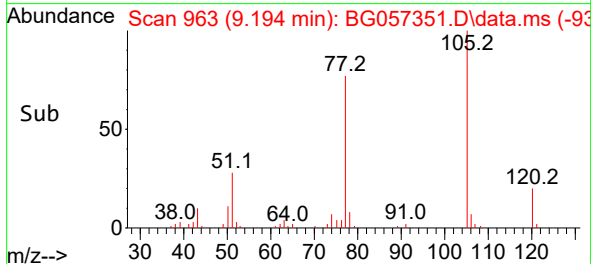
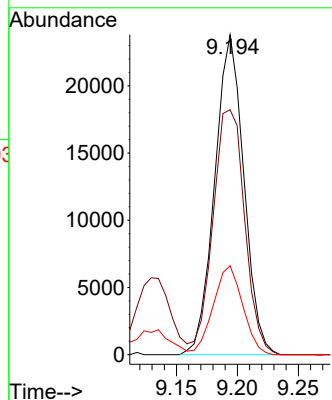
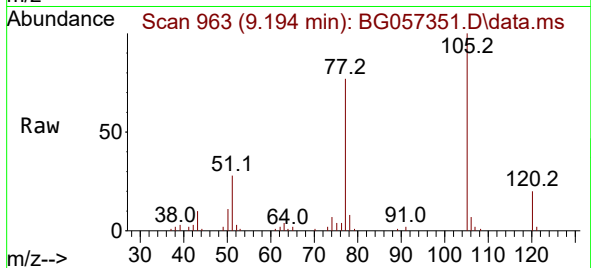




#16
Acetophenone
Concen: 19.483 ng/ul
RT: 9.194 min Scan# 910
Delta R.T. -0.009 min
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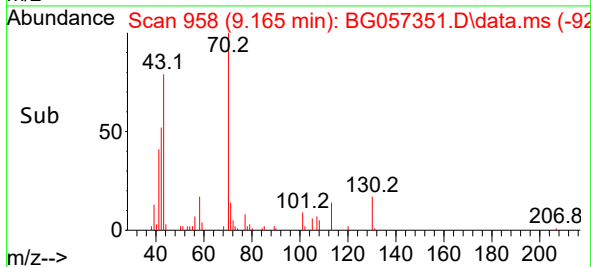
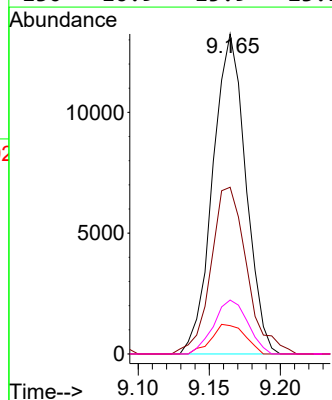
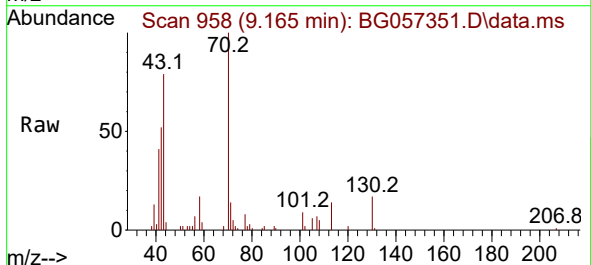
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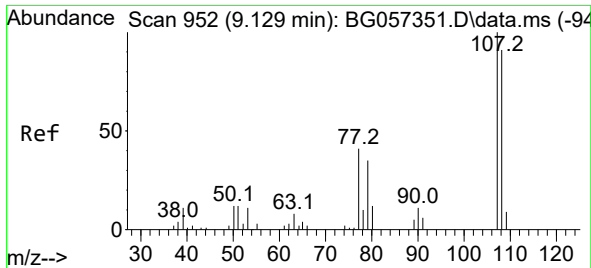
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Ion Ratio Lower Upper
105 100
77 76.5 70.6 105.8
51 27.8 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 18.321 ng/ul
RT: 9.165 min Scan# 958
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion: 70 Resp: 21378
Ion Ratio Lower Upper
70 100
42 52.1 45.0 67.4
101 8.8 6.5 9.7
130 16.9 15.9 23.9

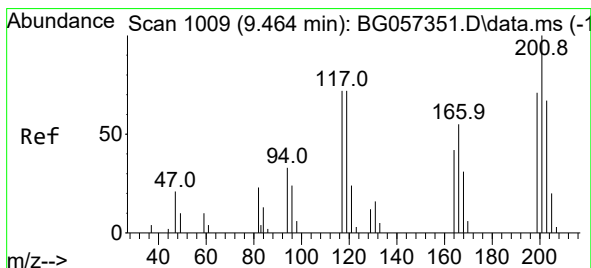
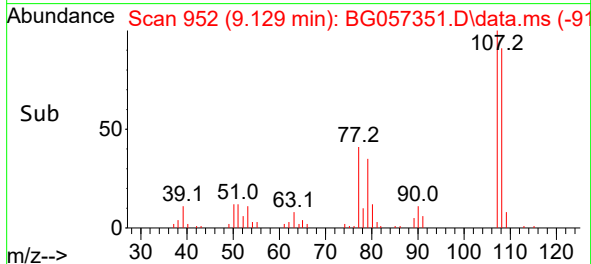
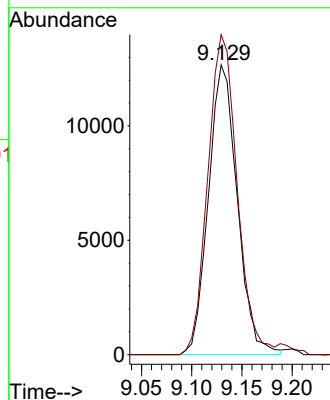
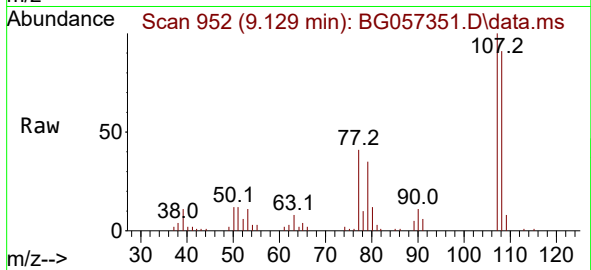




#18
4-Methylphenol
Concen: 19.344 ng/ul
RT: 9.129 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

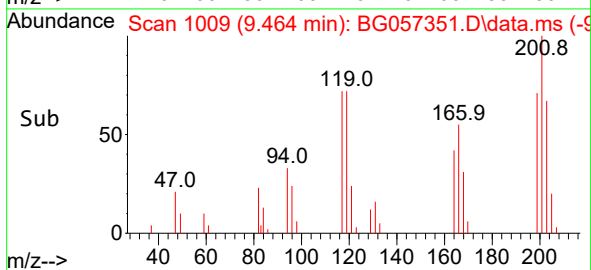
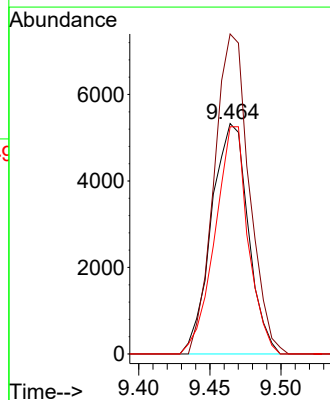
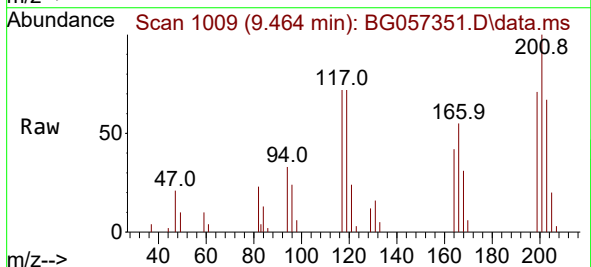
Instrument :
BNA_G
ClientSampleId :
SSTD020481

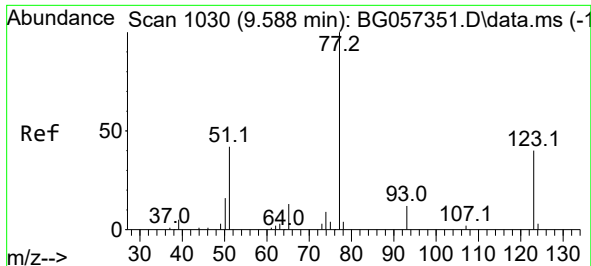
Tgt Ion:108 Resp: 25393
Ion Ratio Lower Upper
108 100
107 110.5 85.1 127.7



#19
Hexachloroethane
Concen: 21.324 ng/ul
RT: 9.464 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:117 Resp: 9588
Ion Ratio Lower Upper
117 100
201 138.9 109.4 164.2
199 98.6 65.4 98.2#





#22

Nitrobenzene

Concen: 20.631 ng/ul

RT: 9.588 min Scan# 1030

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

Instrument :

BNA_G

ClientSampleId :

SSTD020481

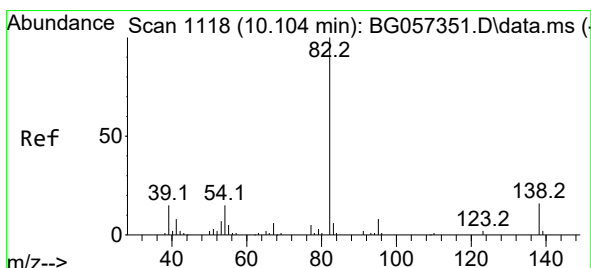
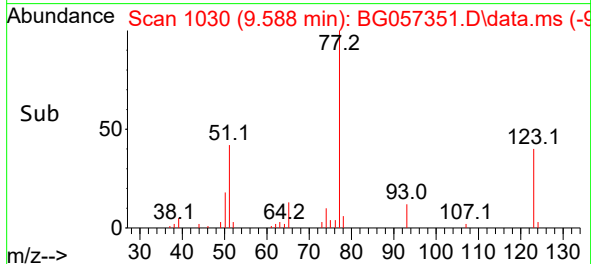
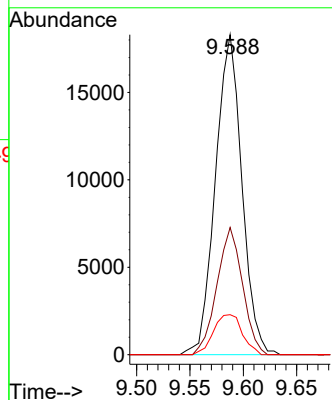
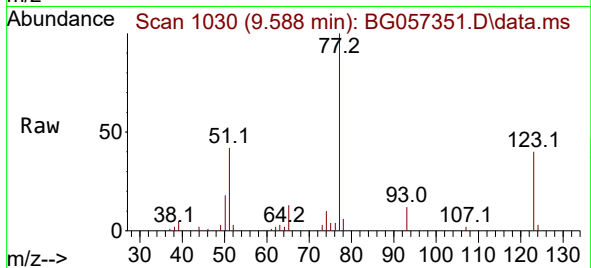
Tgt Ion: 77 Resp: 31551

Ion Ratio Lower Upper

77 100

123 39.8 29.6 44.4

65 12.5 11.4 17.0



#23

Isophorone

Concen: 20.134 ng/ul

RT: 10.104 min Scan# 1118

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

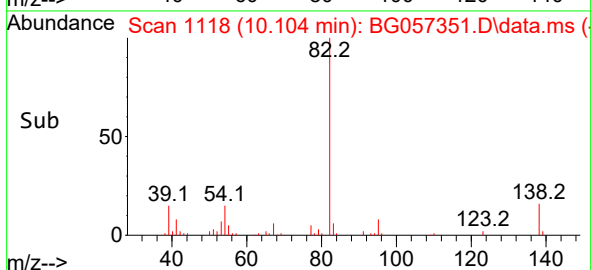
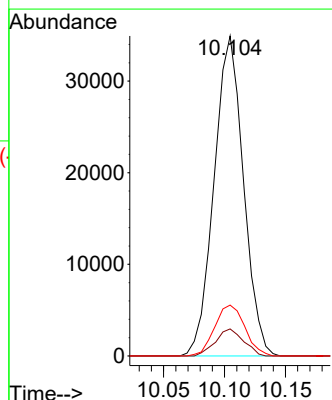
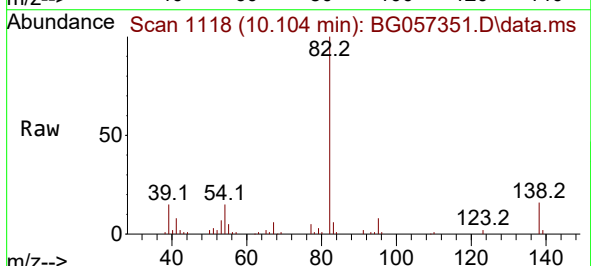
Tgt Ion: 82 Resp: 58582

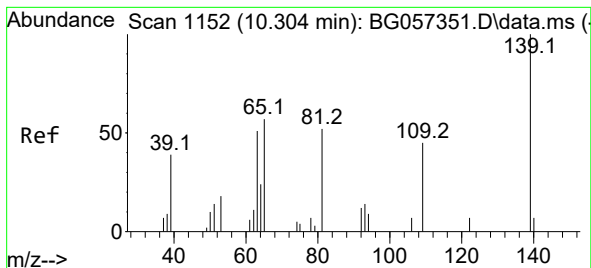
Ion Ratio Lower Upper

82 100

95 8.4 6.8 10.2

138 15.9 12.2 18.2

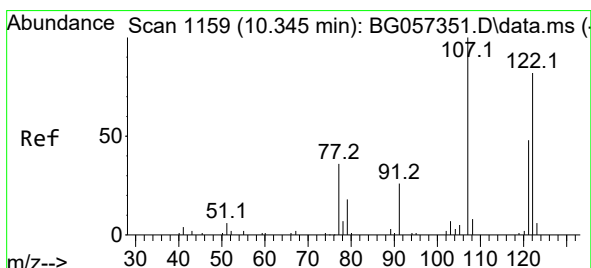
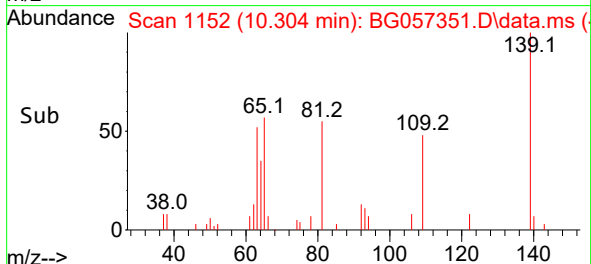
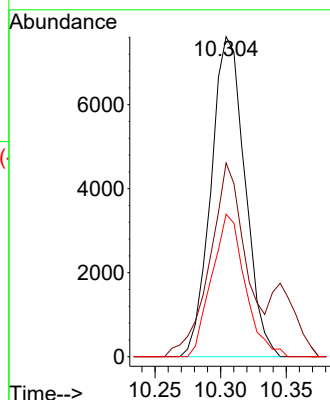
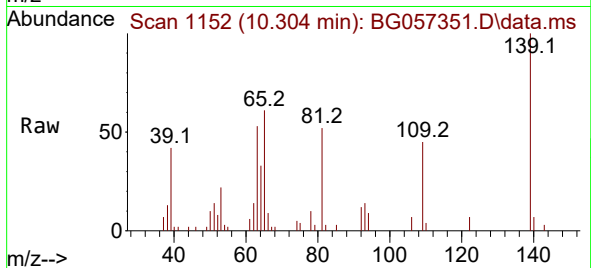




#25
2-Nitrophenol
Concen: 22.569 ng/ul
RT: 10.304 min Scan# 1152
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

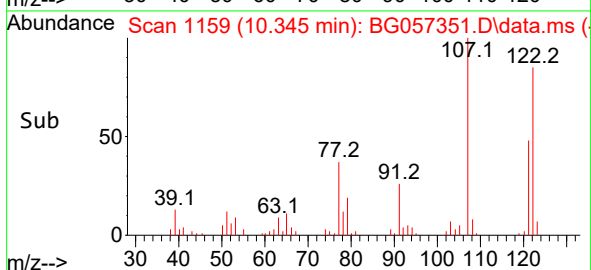
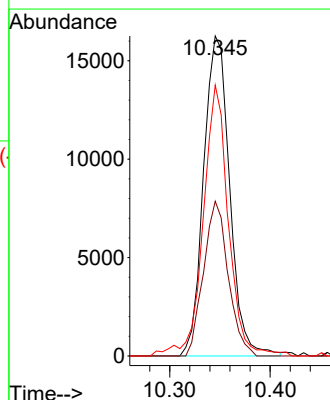
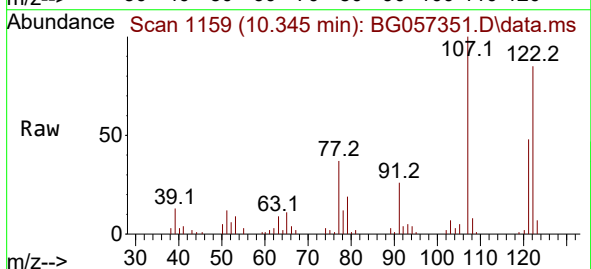
Instrument :
BNA_G
ClientSampleId :
SSTD020481

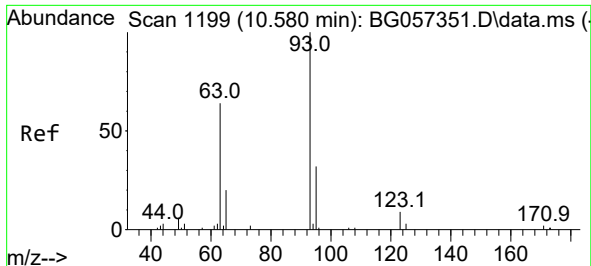
Tgt Ion:139 Resp: 13701
Ion Ratio Lower Upper
139 100
65 60.6 48.7 73.1
109 44.5 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 21.344 ng/ul
RT: 10.345 min Scan# 1159
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:107 Resp: 29393
Ion Ratio Lower Upper
107 100
121 48.4 35.4 53.0
122 84.6 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 21.158 ng/ul

RT: 10.580 min Scan# 1199

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

Instrument :

BNA_G

ClientSampleId :

SSTD020481

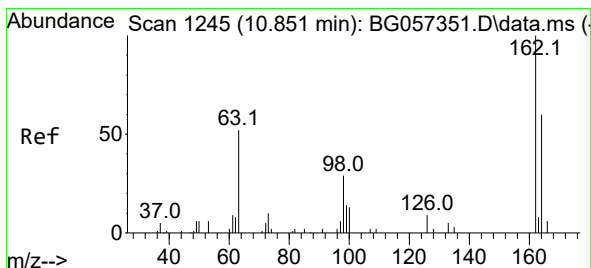
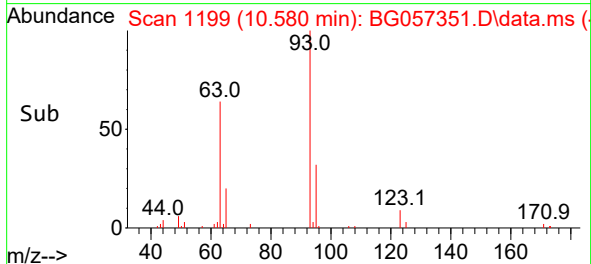
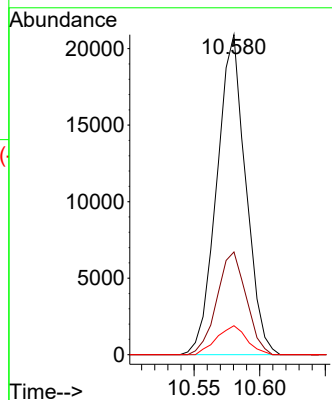
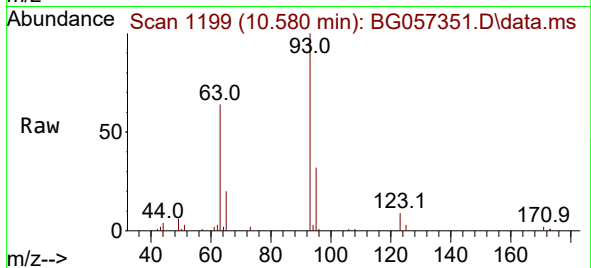
Tgt Ion: 93 Resp: 32001

Ion Ratio Lower Upper

93 100

95 32.1 24.8 37.2

123 9.1 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 22.571 ng/ul

RT: 10.851 min Scan# 1245

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

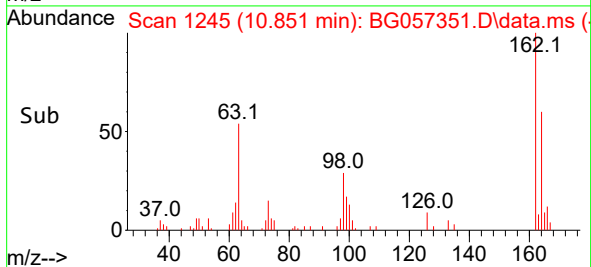
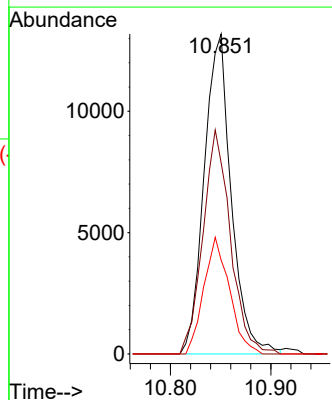
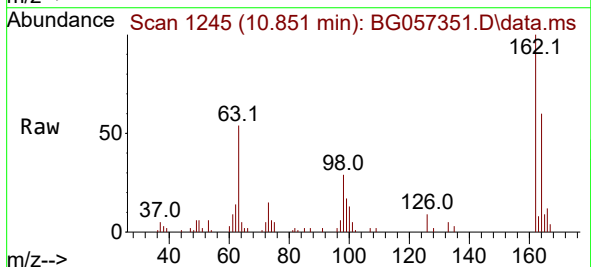
Tgt Ion:162 Resp: 24773

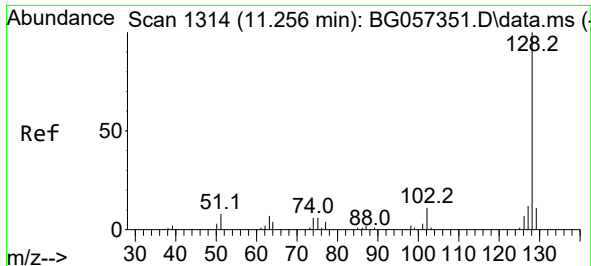
Ion Ratio Lower Upper

162 100

164 59.7 50.5 75.7

98 29.3 27.5 41.3

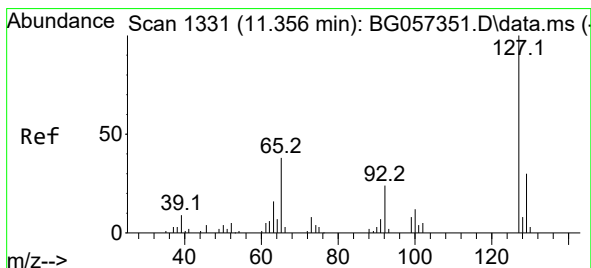
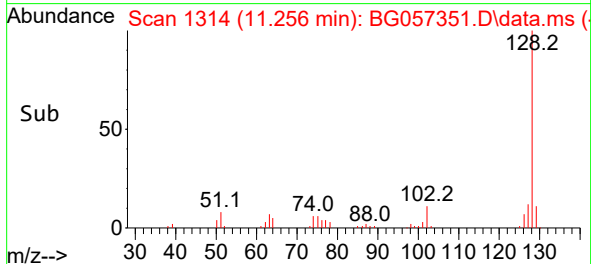
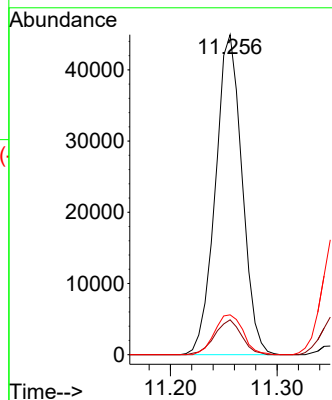
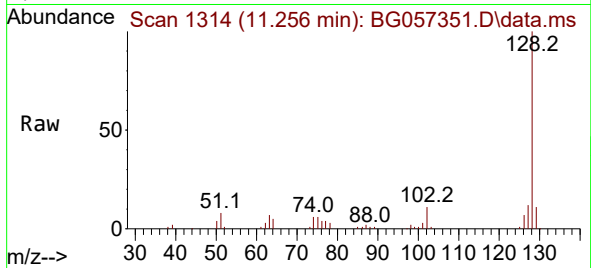




#30
Naphthalene
Concen: 21.992 ng/ul
RT: 11.256 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

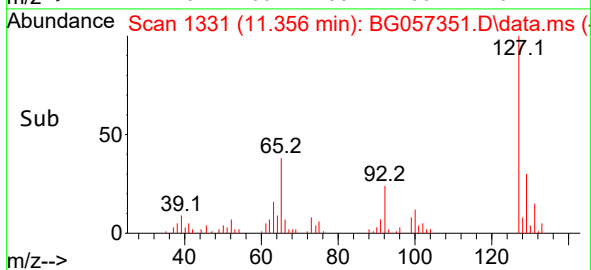
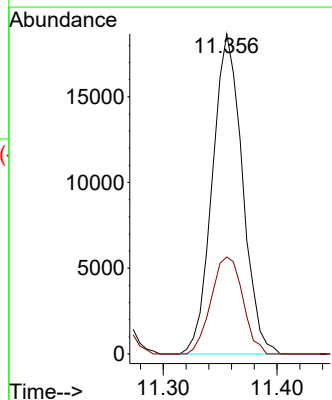
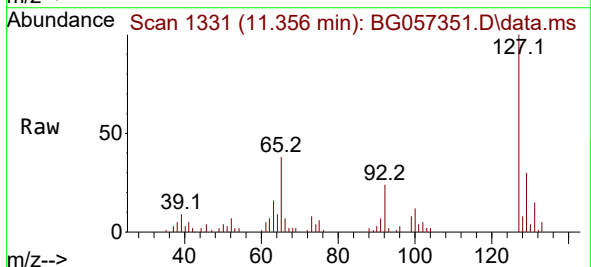
Instrument :
BNA_G
ClientSampleId :
SSTD020481

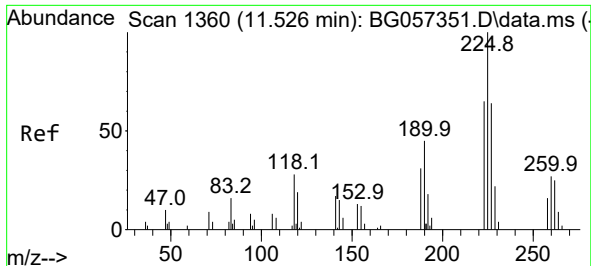
Tgt Ion:128 Resp: 77871
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.5 11.4 17.0



#32
4-Chloroaniline
Concen: 21.442 ng/ul
RT: 11.356 min Scan# 1331
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:127 Resp: 34241
Ion Ratio Lower Upper
127 100
129 30.3 25.4 38.0

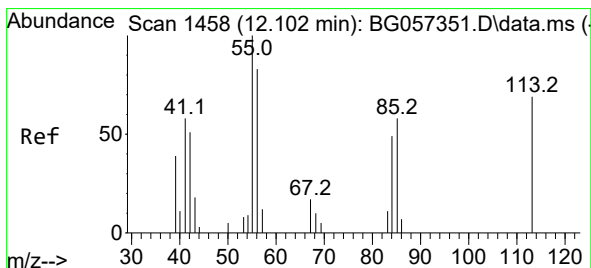
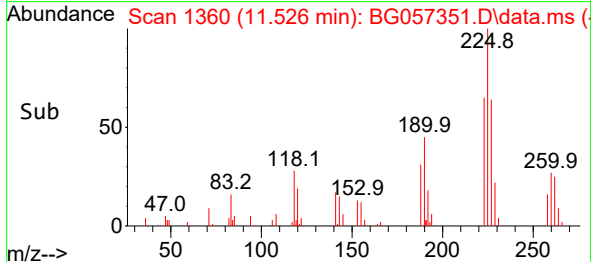
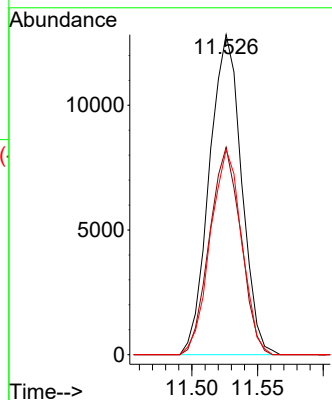
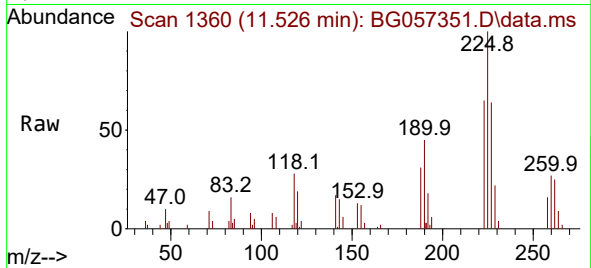




#33
Hexachlorobutadiene
Concen: 23.490 ng/ul
RT: 11.526 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

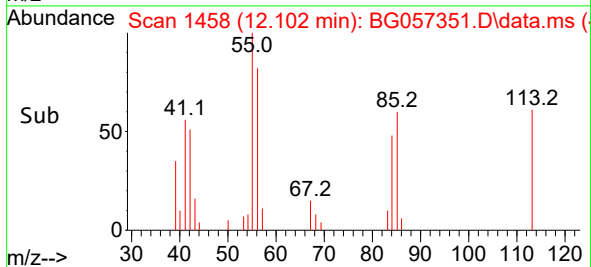
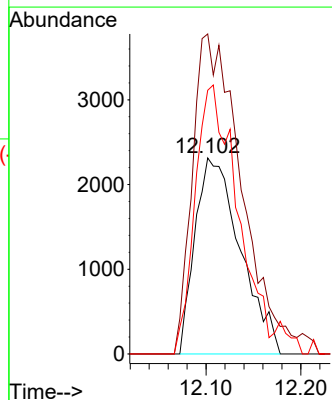
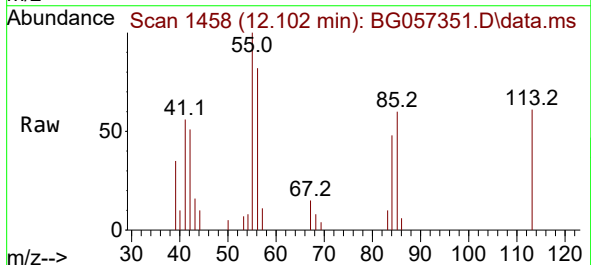
Instrument :
BNA_G
ClientSampleId :
SSTD020481

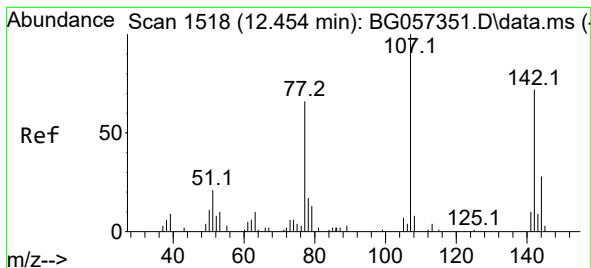
Tgt Ion:225 Resp: 21867
Ion Ratio Lower Upper
225 100
223 64.8 47.5 71.3
227 64.1 48.4 72.6



#34
Caprolactam
Concen: 20.739 ng/ul
RT: 12.102 min Scan# 1458
Delta R.T. -0.015 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:113 Resp: 7663
Ion Ratio Lower Upper
113 100
55 163.2 123.1 184.7
56 134.5 98.7 148.1

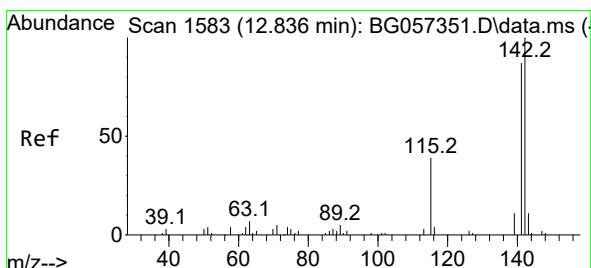
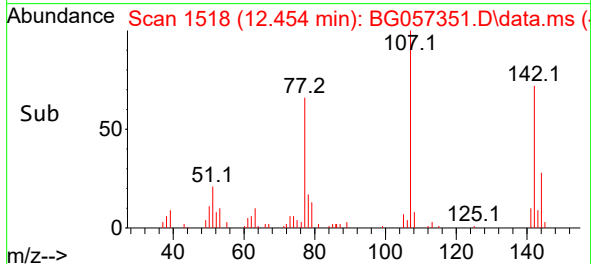
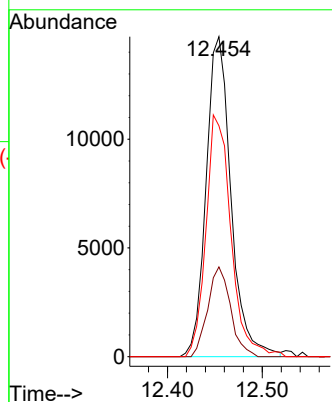
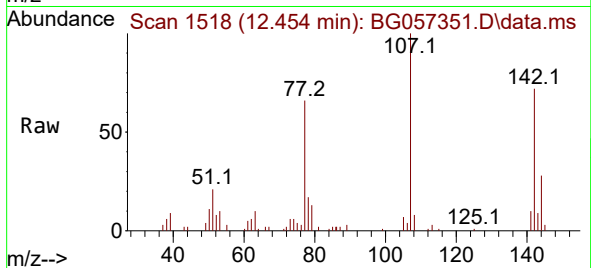




#35
4-Chloro-3-methylphenol
Concen: 21.269 ng/ul
RT: 12.454 min Scan# 1518
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

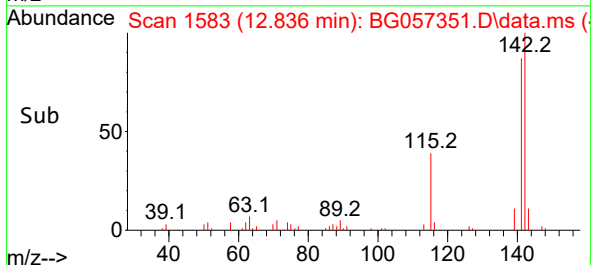
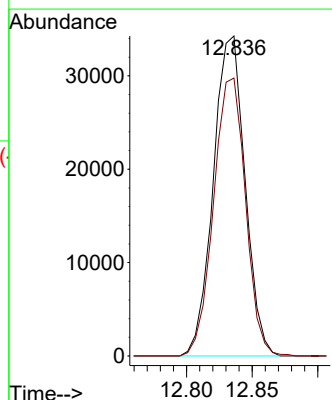
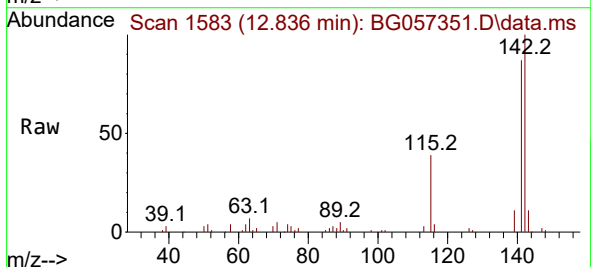
Instrument :
BNA_G
ClientSampleId :
SSTD020481

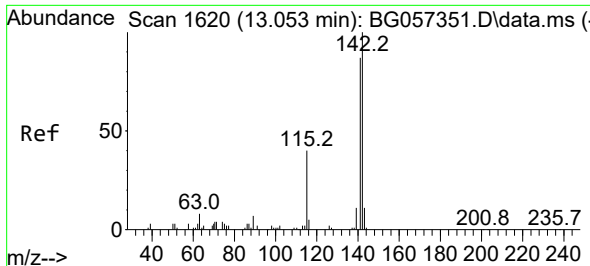
Tgt Ion:107 Resp: 26860
Ion Ratio Lower Upper
107 100
144 28.1 18.3 27.5#
142 72.2 58.6 88.0



#36
2-Methylnaphthalene
Concen: 22.181 ng/ul
RT: 12.836 min Scan# 1583
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:142 Resp: 57597
Ion Ratio Lower Upper
142 100
141 86.9 68.7 103.1

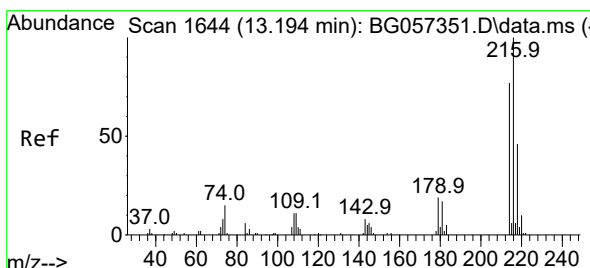
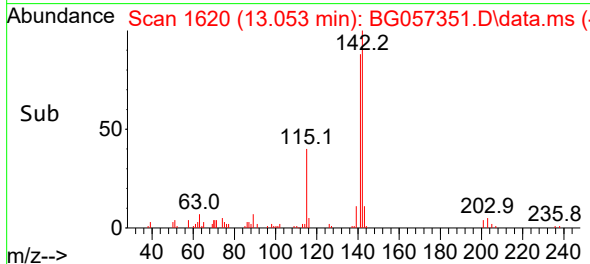
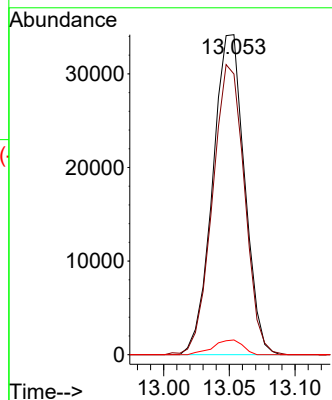
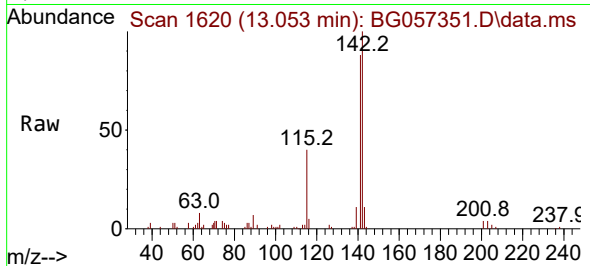




#37
1-Methylnaphthalene
Concen: 22.122 ng/ul
RT: 13.053 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

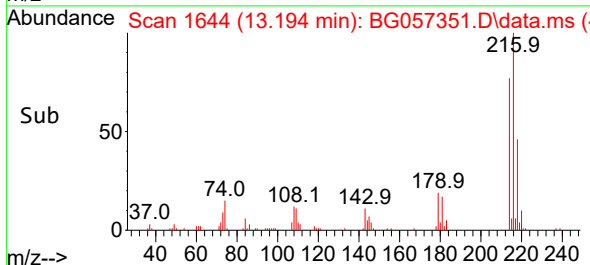
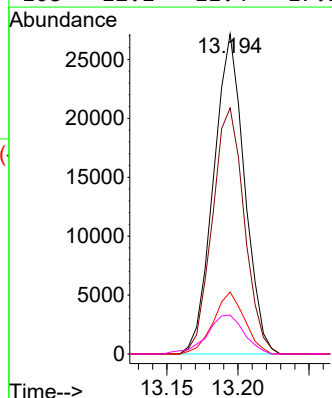
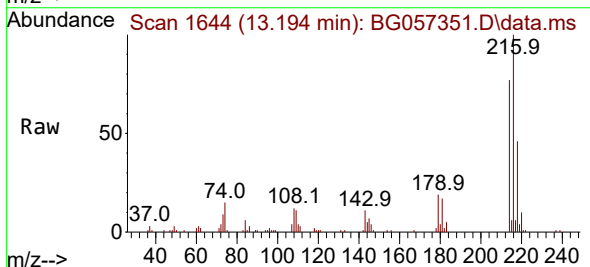
Instrument :
BNA_G
ClientSampleId :
SSTD020481

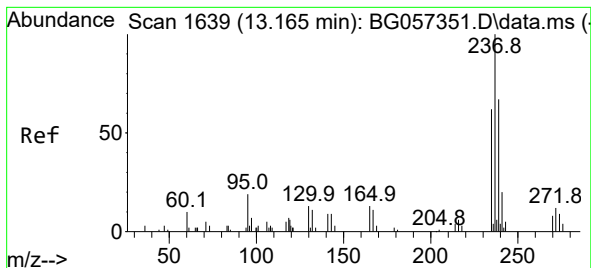
Tgt Ion:142 Resp: 57760
Ion Ratio Lower Upper
142 100
141 87.7 72.9 109.3
116 4.6 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.598 ng/ul
RT: 13.194 min Scan# 1644
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:216 Resp: 41082
Ion Ratio Lower Upper
216 100
214 76.9 62.9 94.3
179 19.3 15.3 22.9
108 12.1 11.4 17.2





#40

Hexachlorocyclopentadiene

Concen: 17.206 ng/ul

RT: 13.165 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

Instrument :

BNA_G

ClientSampleId :

SSTD020481

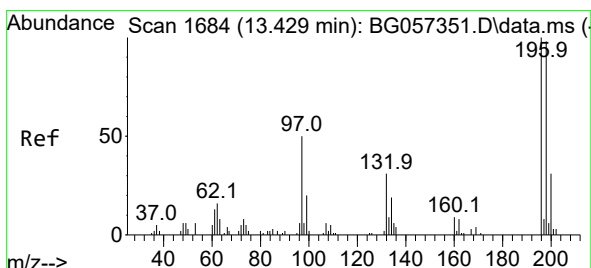
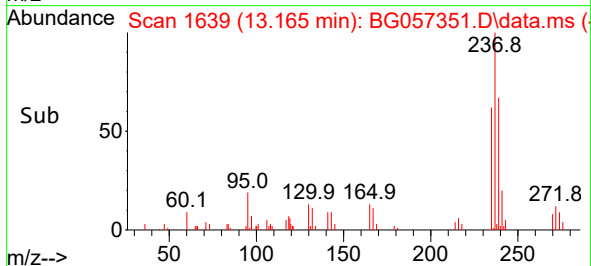
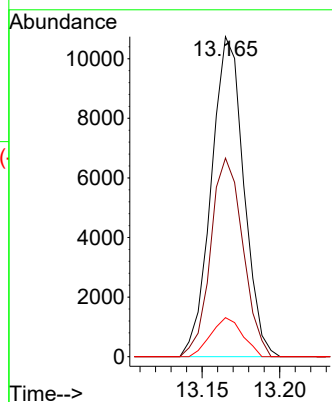
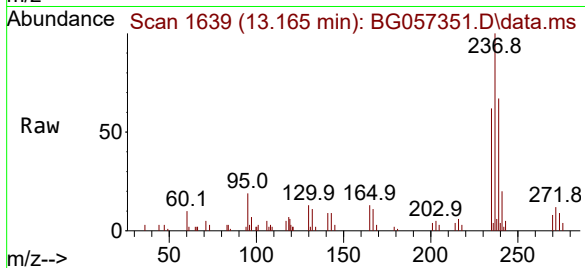
Tgt Ion:237 Resp: 15610

Ion Ratio Lower Upper

237 100

235 62.0 51.4 77.0

272 12.2 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 22.045 ng/ul

RT: 13.429 min Scan# 1684

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

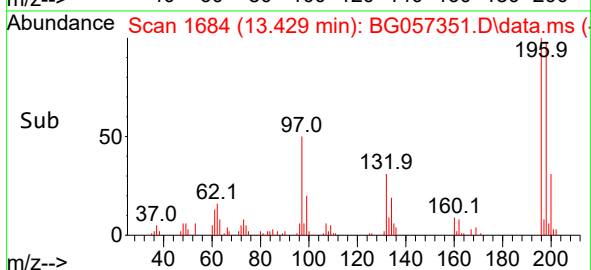
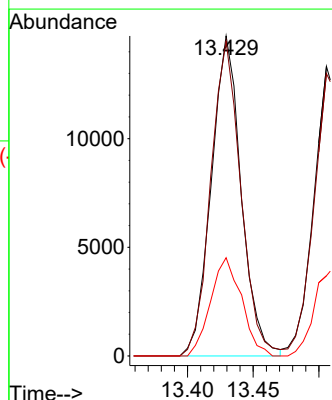
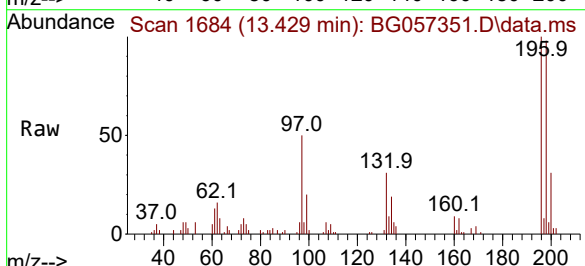
Tgt Ion:196 Resp: 23341

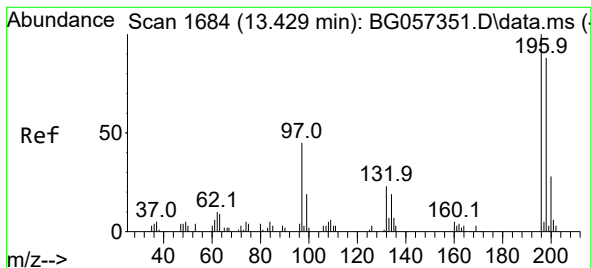
Ion Ratio Lower Upper

196 100

198 98.4 83.8 125.8

200 30.7 26.6 40.0





#42

2,4,5-Trichlorophenol

Concen: 15.651 ng/ul

RT: 13.429 min Scan# 1

Delta R.T. -0.085 min

Lab File: BG057351.D

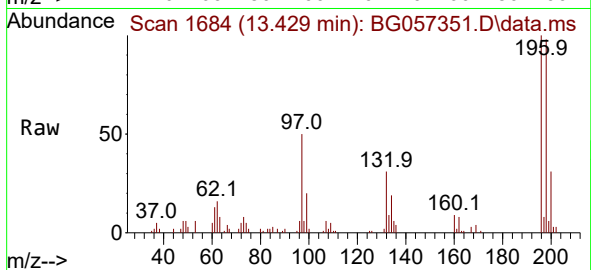
Acq: 9 May 2023 13:48

Instrument :

BNA_G

ClientSampleId :

SSTD020481



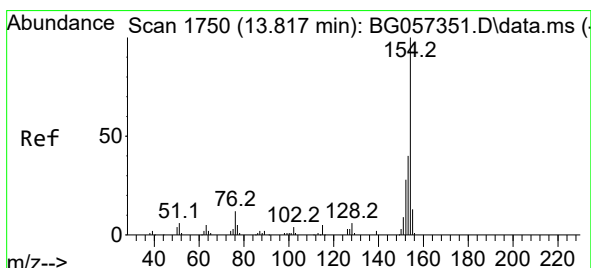
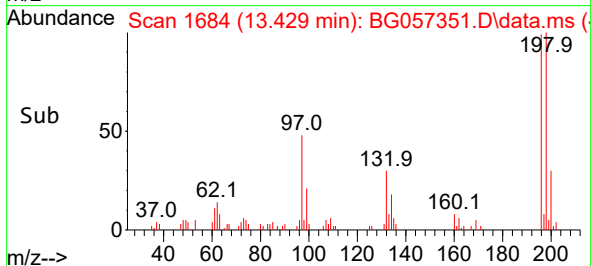
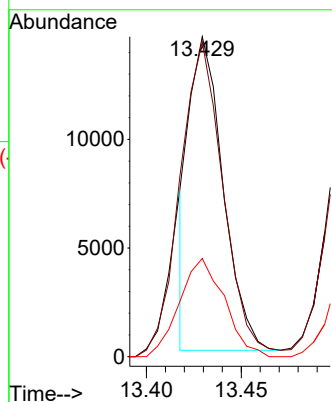
Tgt Ion:196 Resp: 17792

Ion Ratio Lower Upper

196 100

198 98.4 85.7 128.5

200 30.7 29.9 44.9



#43

1,1'-Biphenyl

Concen: 21.847 ng/ul

RT: 13.817 min Scan# 1750

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

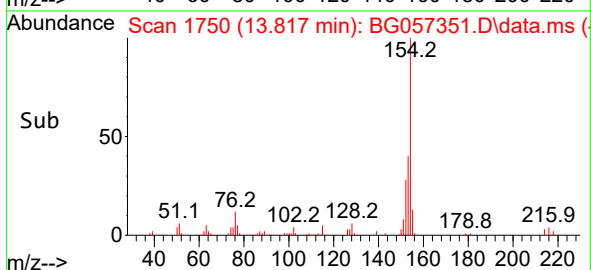
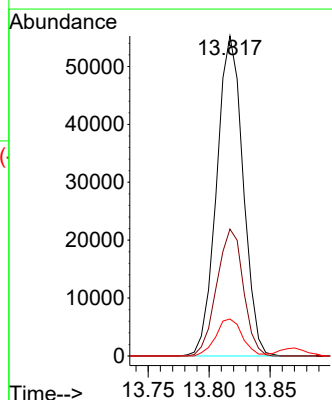
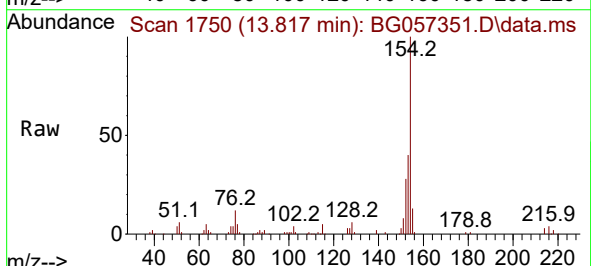
Tgt Ion:154 Resp: 83395

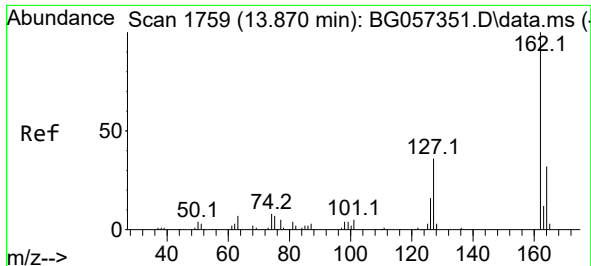
Ion Ratio Lower Upper

154 100

153 39.7 31.6 47.4

76 11.5 8.0 12.0

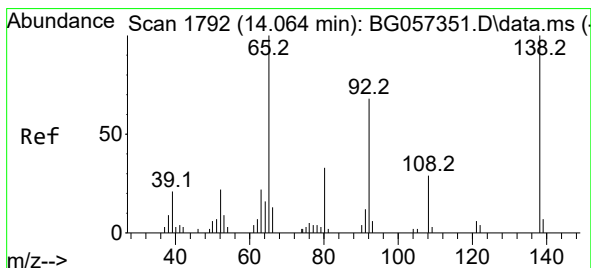
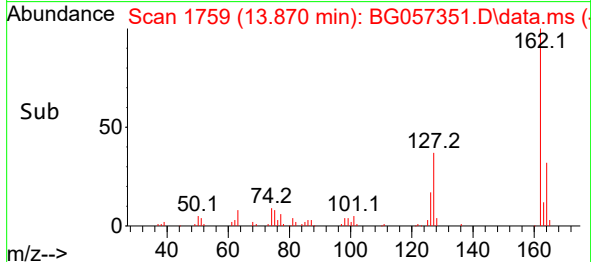
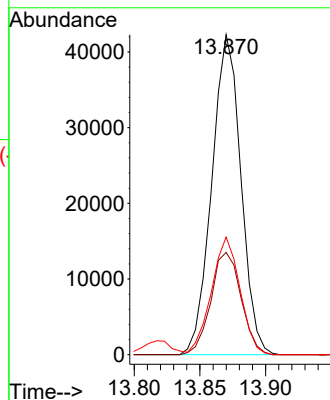
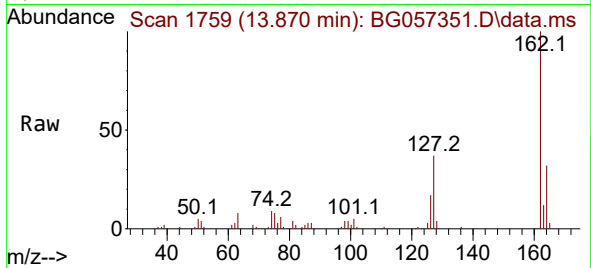




#44
2-Chloronaphthalene
Concen: 21.998 ng/ul
RT: 13.870 min Scan# 1759
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

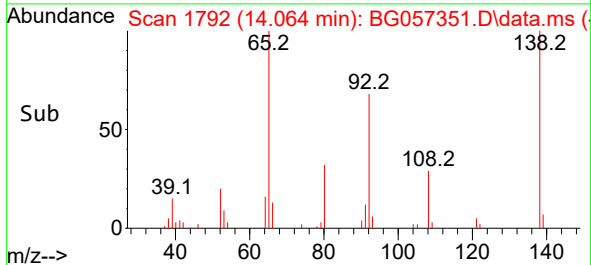
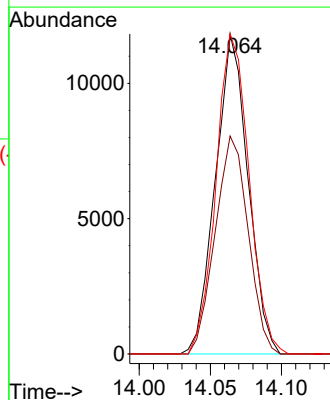
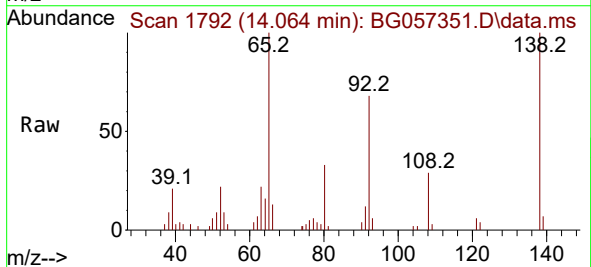
Instrument :
BNA_G
ClientSampleId :
SSTD020481

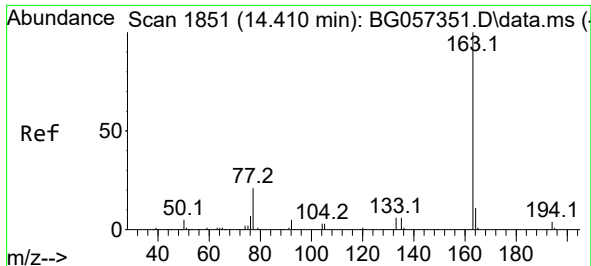
Tgt Ion:162 Resp: 65109
Ion Ratio Lower Upper
162 100
164 31.9 26.2 39.4
127 36.8 29.4 44.2



#45
2-Nitroaniline
Concen: 21.061 ng/ul
RT: 14.064 min Scan# 1792
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion: 65 Resp: 18818
Ion Ratio Lower Upper
65 100
92 68.1 51.8 77.6
138 100.0 71.9 107.9

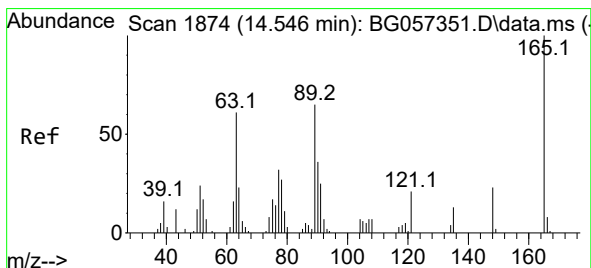
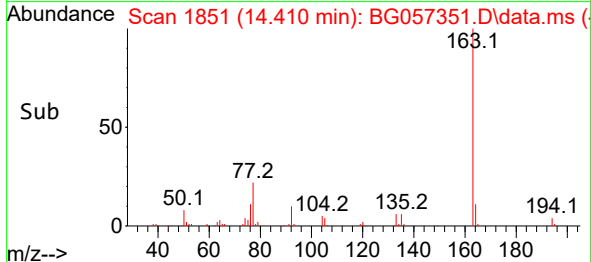
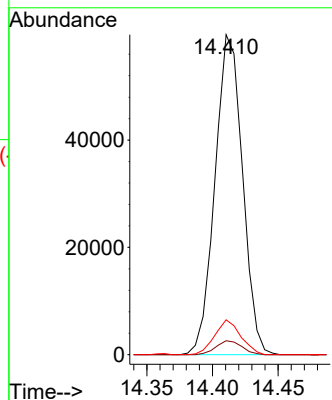
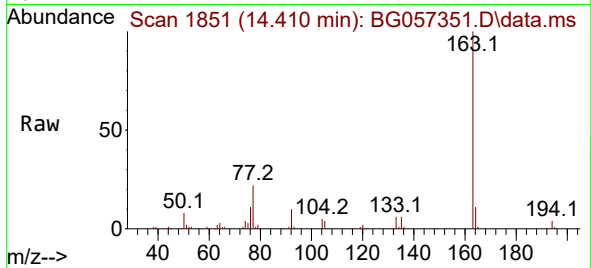




#47
Dimethylphthalate
Concen: 21.858 ng/ul
RT: 14.410 min Scan# 1851
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

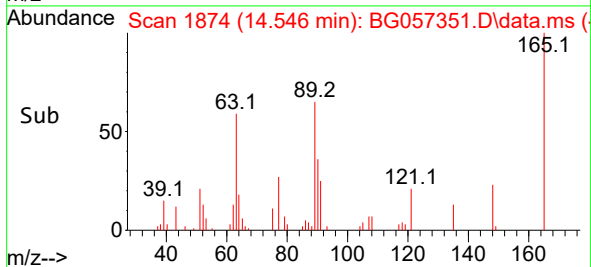
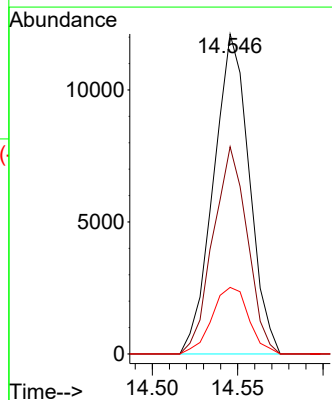
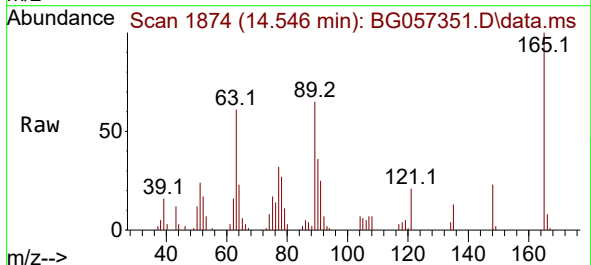
Instrument :
BNA_G
ClientSampleId :
SSTD020481

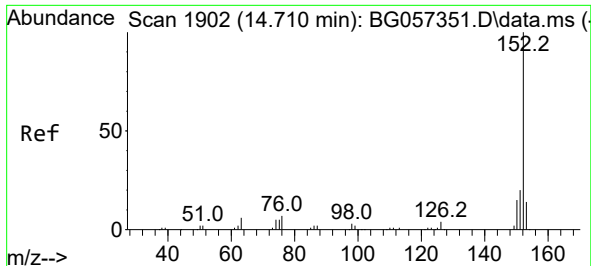
Tgt Ion:163 Resp: 87008
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.9 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 21.512 ng/ul
RT: 14.546 min Scan# 1874
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:165 Resp: 17623
Ion Ratio Lower Upper
165 100
89 64.8 50.6 76.0
121 20.8 16.8 25.2

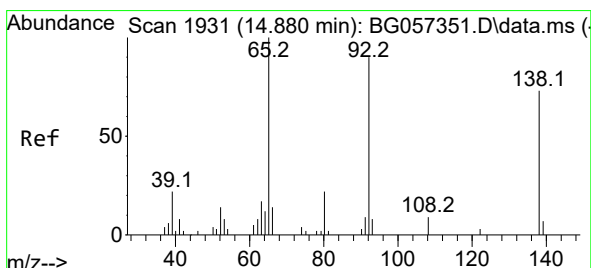
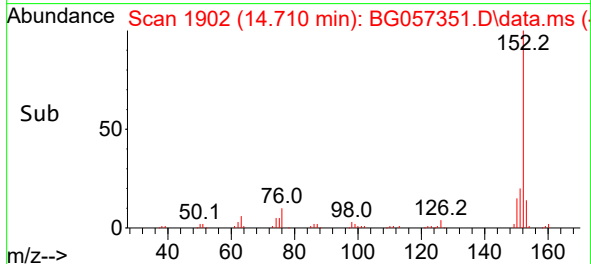
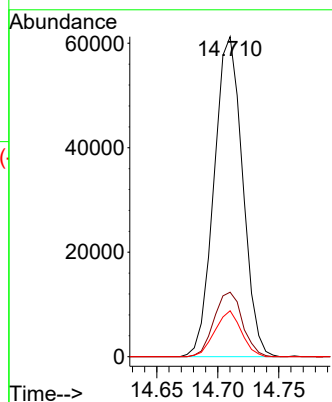
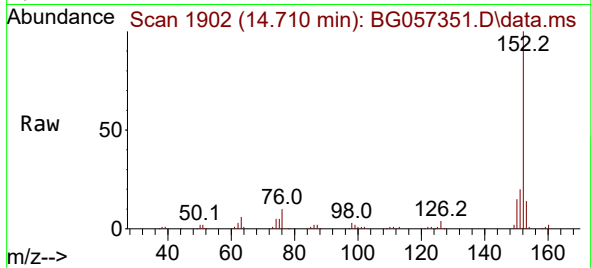




#50
Acenaphthylene
Concen: 21.984 ng/ul
RT: 14.710 min Scan# 1902
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

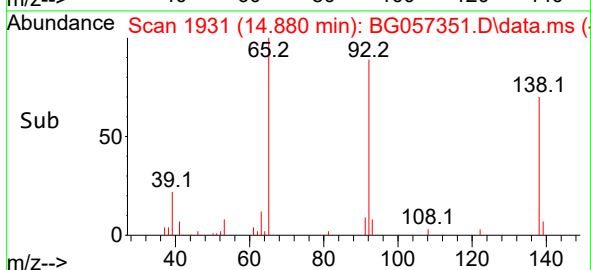
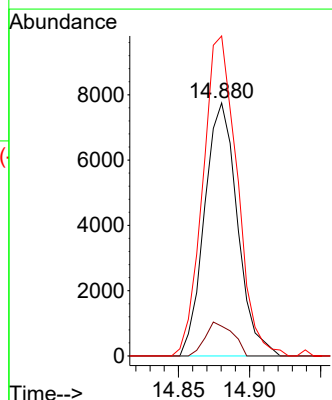
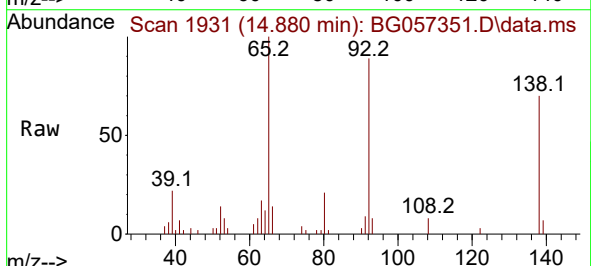
Instrument :
BNA_G
ClientSampleId :
SSTD020481

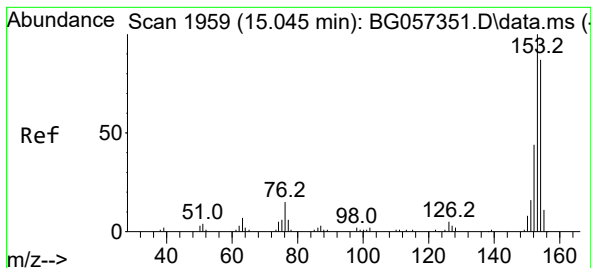
Tgt Ion:152	Resp:	99529
Ion Ratio	Lower	Upper
152	100	
151	20.2	16.3 24.5
153	14.4	10.1 15.1



#51
3-Nitroaniline
Concen: 21.519 ng/ul
RT: 14.880 min Scan# 1931
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:138	Resp:	12491
Ion Ratio	Lower	Upper
138	100	
108	11.8	9.2 13.8
92	126.5	99.5 149.3

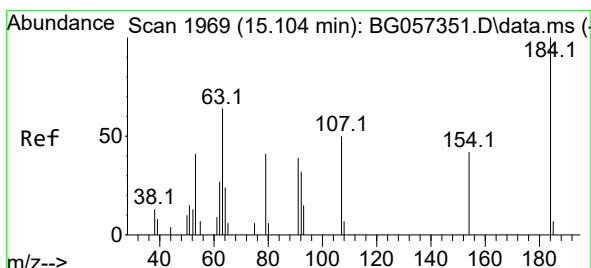
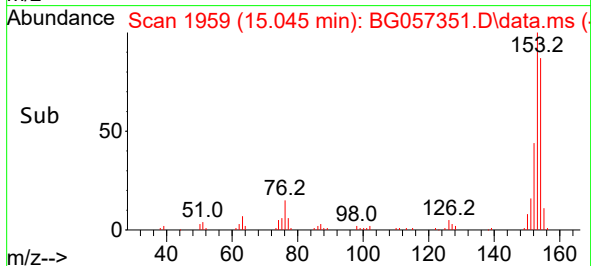
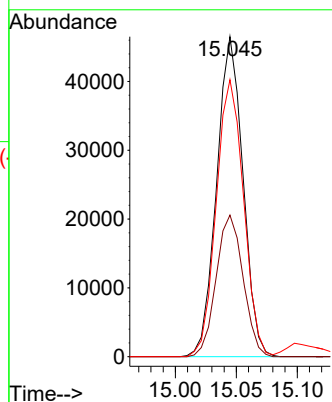
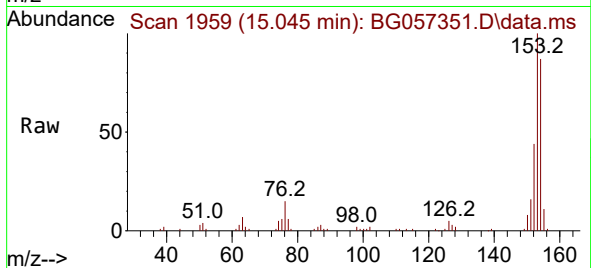




#52
Acenaphthene
Concen: 21.683 ng/ul
RT: 15.045 min Scan# 1959
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

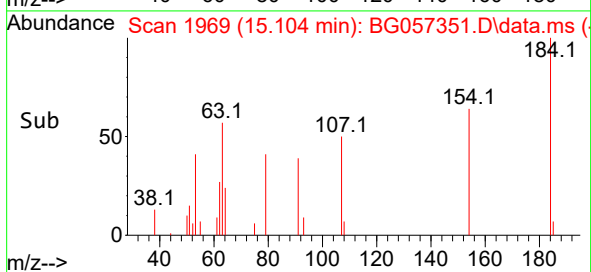
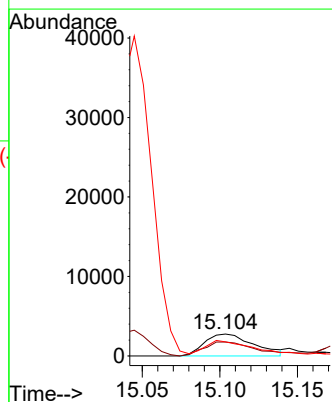
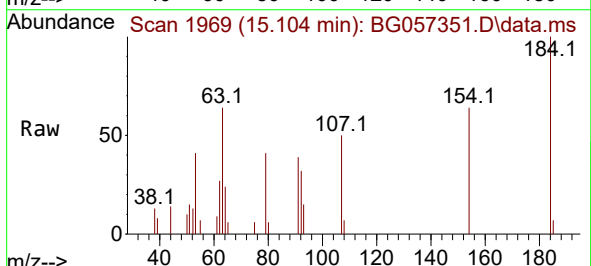
Instrument :
BNA_G
ClientSampleId :
SSTD020481

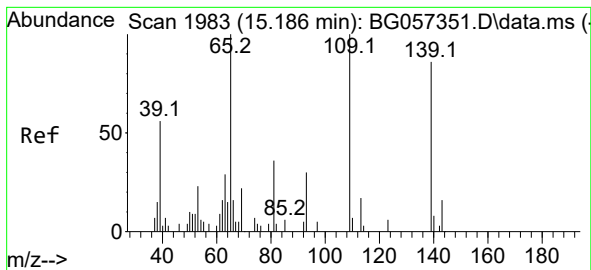
Tgt Ion:153 Resp: 69943
Ion Ratio Lower Upper
153 100
152 44.2 36.5 54.7
154 86.5 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 13.962 ng/ul
RT: 15.104 min Scan# 1969
Delta R.T. -0.003 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:184 Resp: 6091
Ion Ratio Lower Upper
184 100
63 63.6 48.3 72.5
154 64.3 50.0 75.0

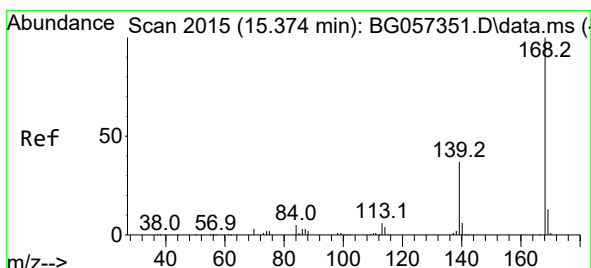
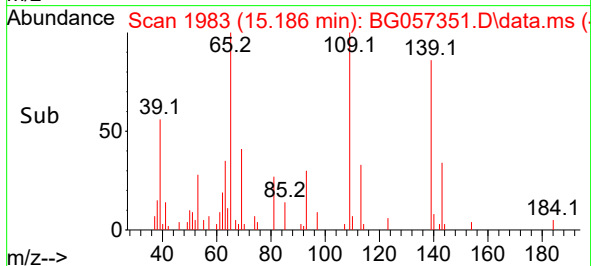
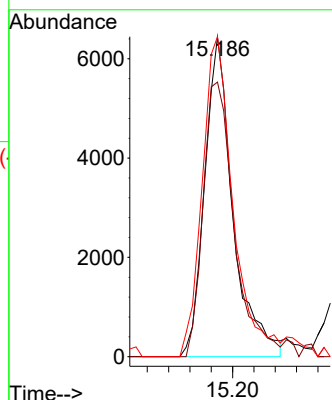
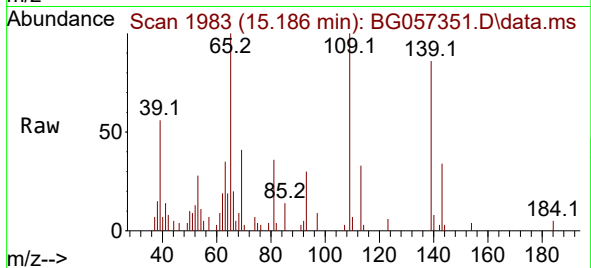




#55
4-Nitrophenol
Concen: 18.143 ng/ul
RT: 15.186 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

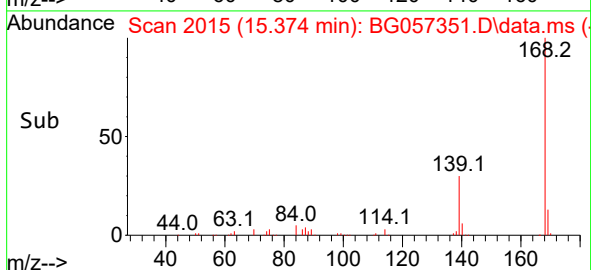
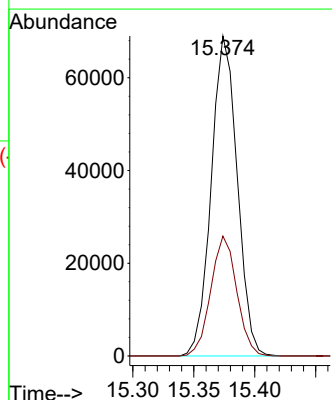
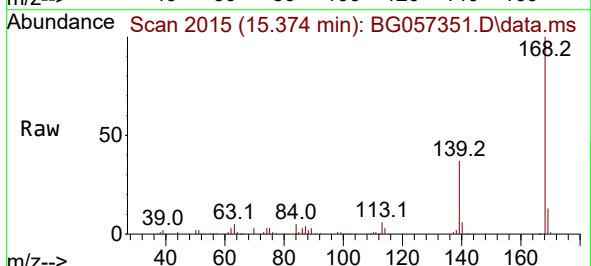
Instrument :
BNA_G
ClientSampleId :
SSTD020481

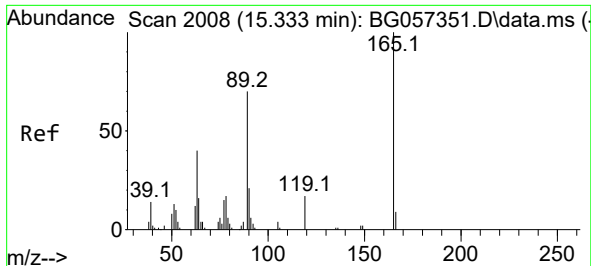
Tgt Ion:109 Resp: 11867
Ion Ratio Lower Upper
109 100
139 85.8 73.8 110.8
65 100.1 81.7 122.5



#56
Dibenzofuran
Concen: 21.986 ng/ul
RT: 15.374 min Scan# 2015
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:168 Resp: 102417
Ion Ratio Lower Upper
168 100
139 37.4 29.6 44.4

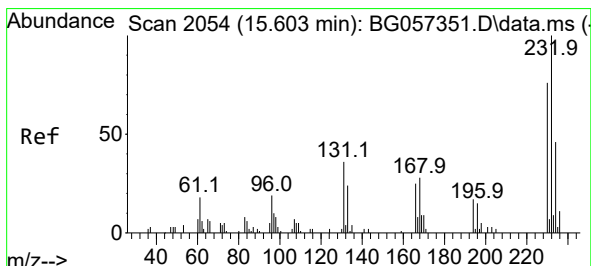
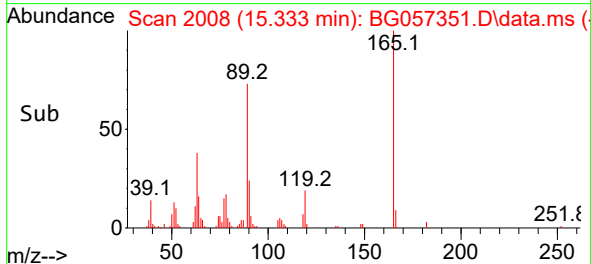
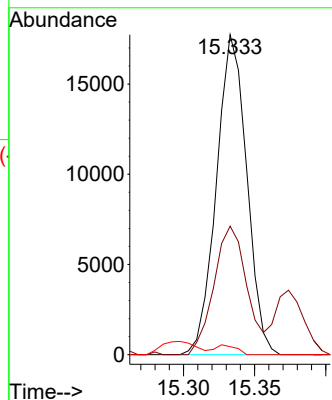
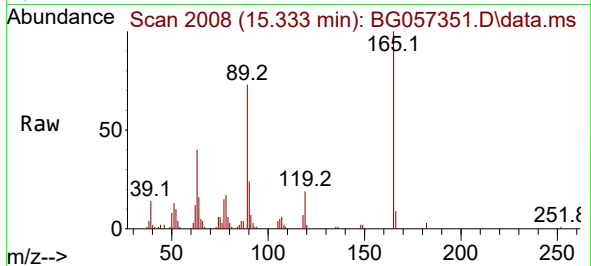




#57
2,4-Dinitrotoluene
Concen: 22.422 ng/ul
RT: 15.333 min Scan# 2008
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

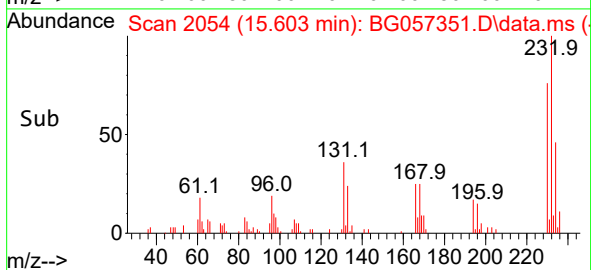
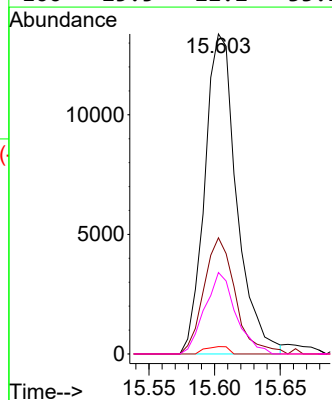
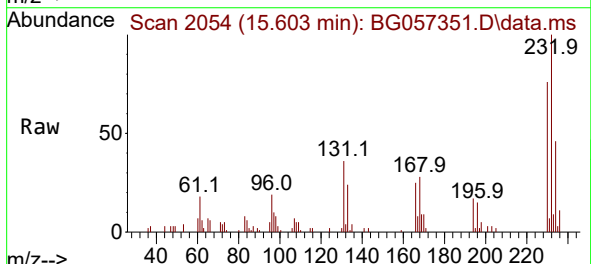
Instrument :
BNA_G
ClientSampleId :
SSTD020481

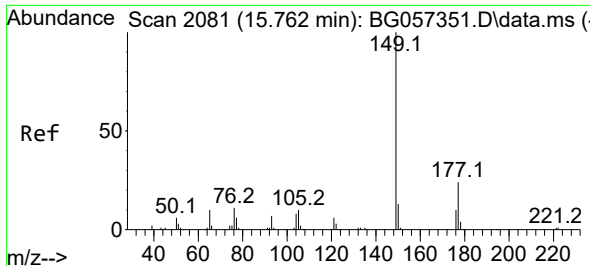
Tgt Ion:165 Resp: 26295
Ion Ratio Lower Upper
165 100
63 40.1 35.9 53.9
182 2.5 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.974 ng/ul
RT: 15.603 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:232 Resp: 22698
Ion Ratio Lower Upper
232 100
131 36.3 28.6 43.0
130 2.3 1.8 2.6
166 25.5 22.2 33.2

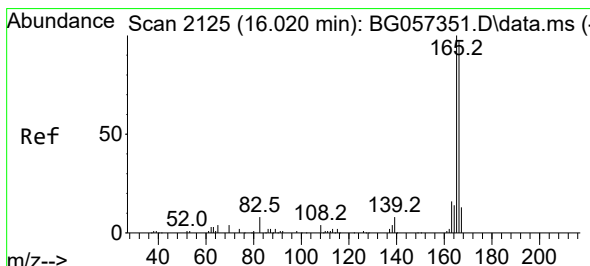
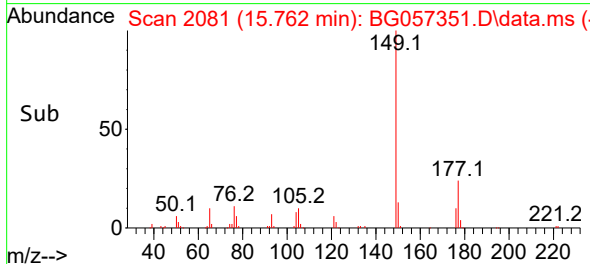
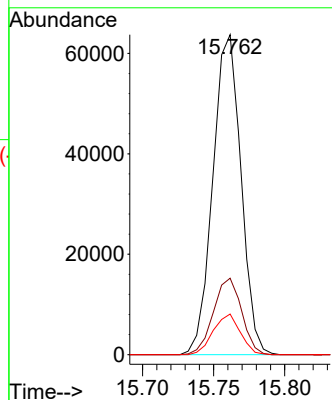
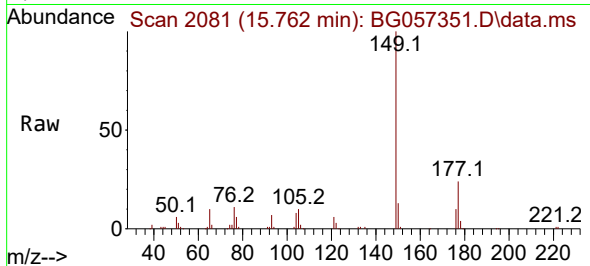




#59
Diethylphthalate
Concen: 21.672 ng/ul
RT: 15.762 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

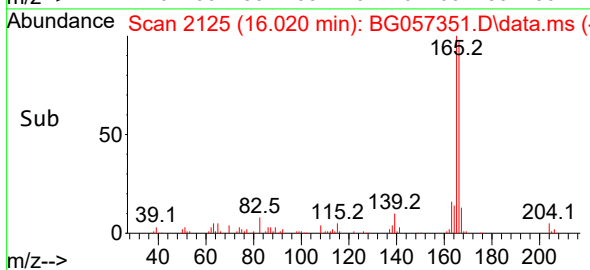
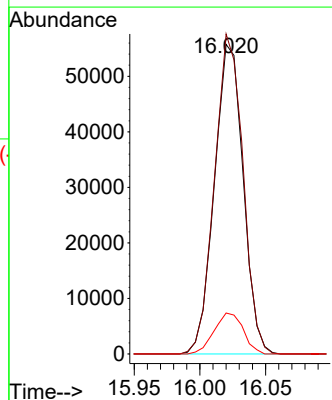
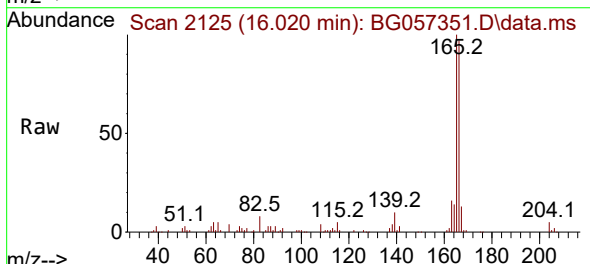
Instrument :
BNA_G
ClientSampleId :
SSTD020481

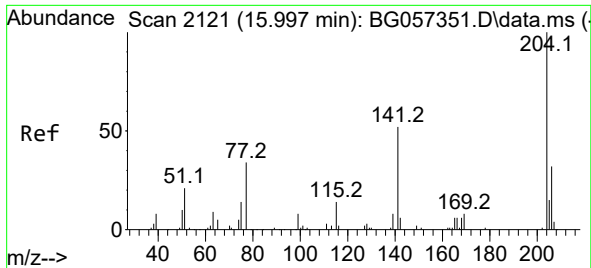
Tgt Ion:149 Resp: 87649
Ion Ratio Lower Upper
149 100
177 23.9 18.6 28.0
150 12.7 9.8 14.8



#61
Fluorene
Concen: 21.586 ng/ul
RT: 16.020 min Scan# 2125
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:166 Resp: 85027
Ion Ratio Lower Upper
166 100
165 103.4 80.1 120.1
167 13.2 10.2 15.4

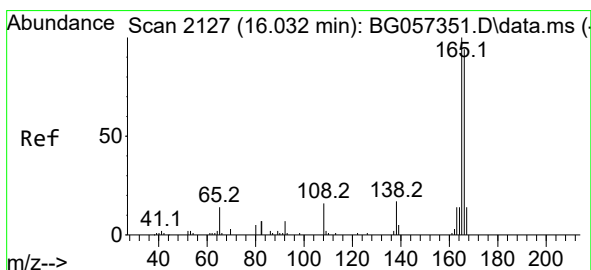
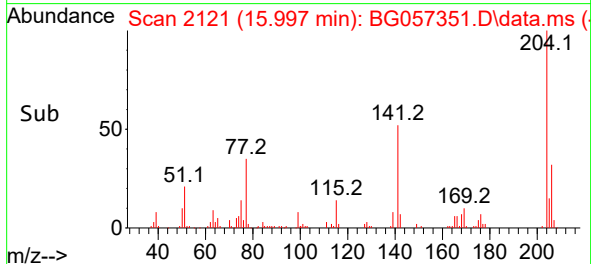
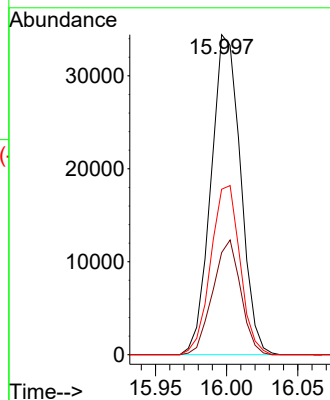
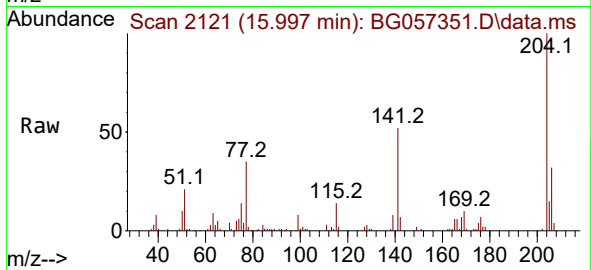




#62
4-Chlorophenyl-phenylether
Concen: 21.674 ng/ul
RT: 15.997 min Scan# 2121
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

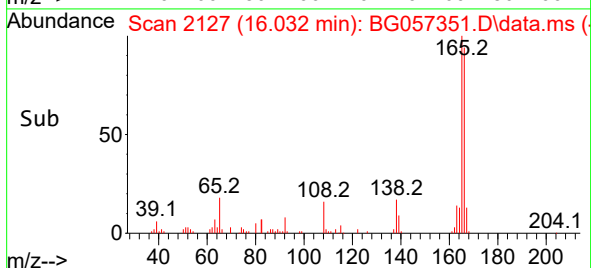
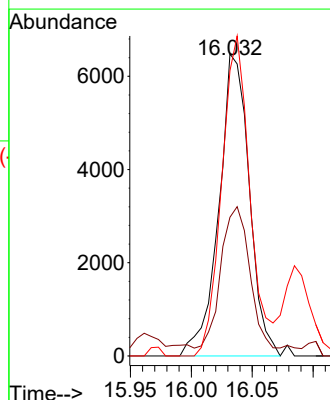
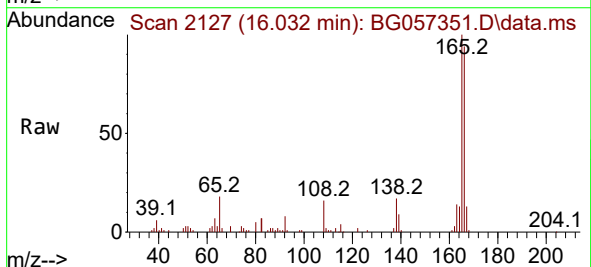
Instrument :
BNA_G
ClientSampleId :
SSTD020481

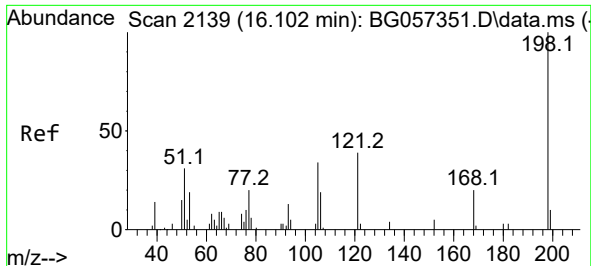
Tgt Ion:204 Resp: 49828
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 51.7 41.5 62.3



#63
4-Nitroaniline
Concen: 20.477 ng/ul
RT: 16.032 min Scan# 2127
Delta R.T. -0.015 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:138 Resp: 11256
Ion Ratio Lower Upper
138 100
92 45.9 39.9 59.9
108 94.4 89.1 133.7

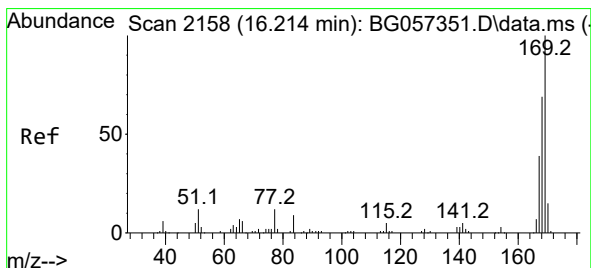
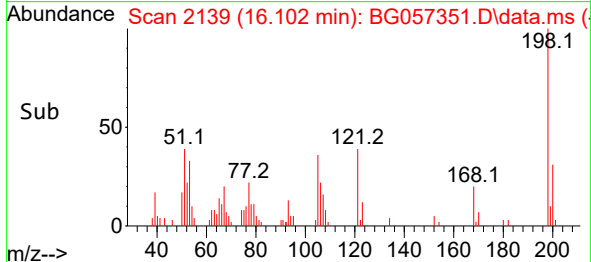
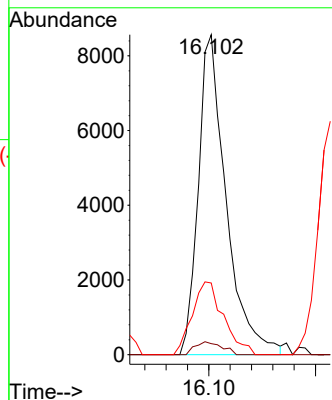
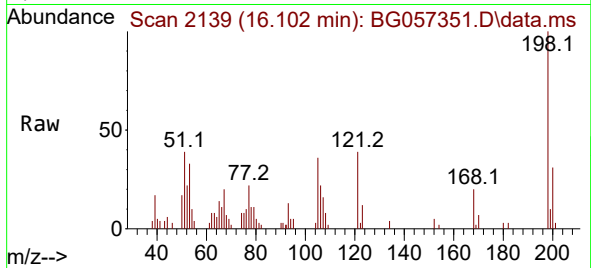




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.608 ng/ul
 RT: 16.102 min Scan# 2139
 Delta R.T. -0.009 min
 Lab File: BG057351.D
 Acq: 9 May 2023 13:48

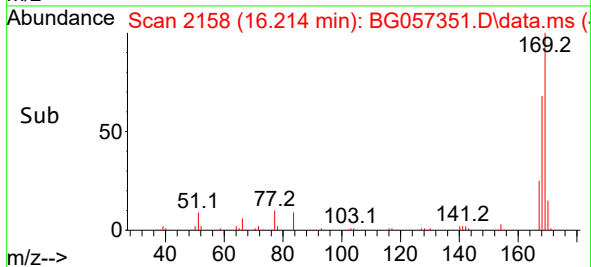
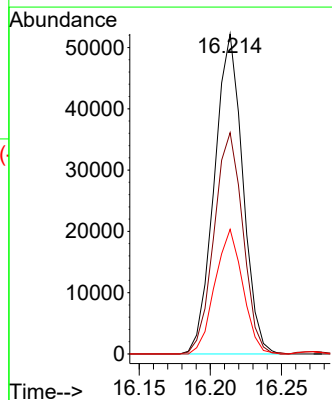
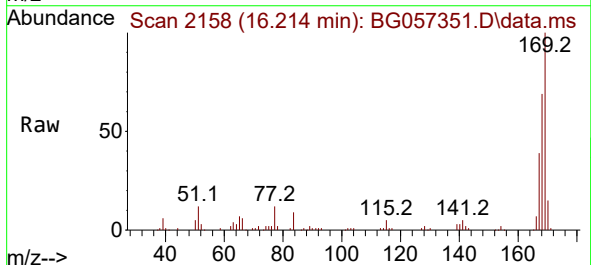
Instrument :
 BNA_G
 ClientSampleId :
 SST020481

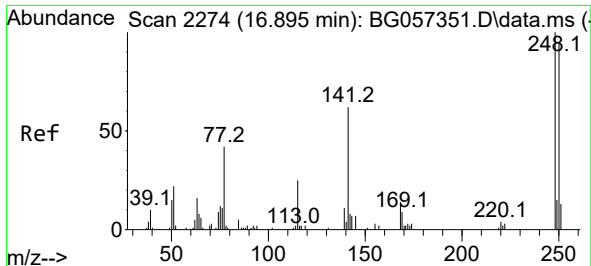
Tgt Ion:198 Resp: 15537
 Ion Ratio Lower Upper
 198 100
 182 3.4 3.0 4.6
 77 22.4 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 22.206 ng/ul
 RT: 16.214 min Scan# 2158
 Delta R.T. -0.009 min
 Lab File: BG057351.D
 Acq: 9 May 2023 13:48

Tgt Ion:169 Resp: 72437
 Ion Ratio Lower Upper
 169 100
 168 69.1 55.4 83.2
 167 39.0 31.0 46.4

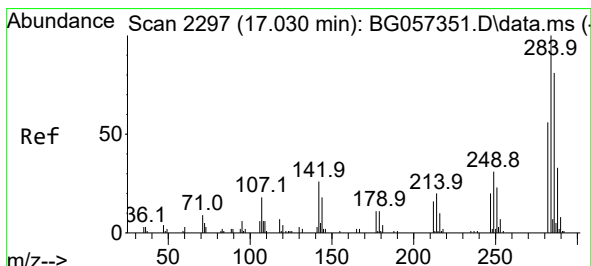
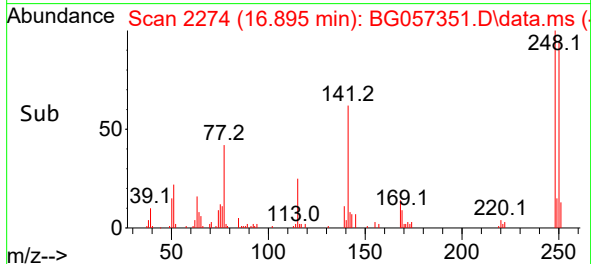
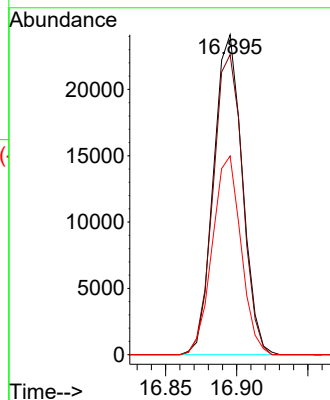
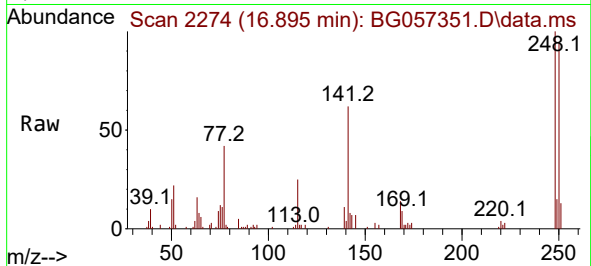




#68
4-Bromophenyl-phenylether
Concen: 22.756 ng/ul
RT: 16.895 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

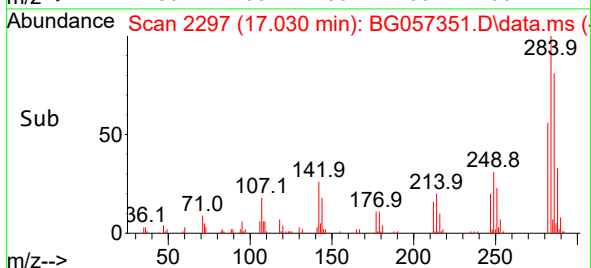
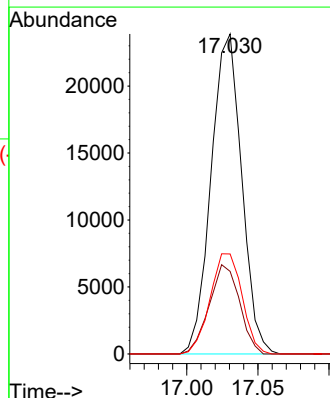
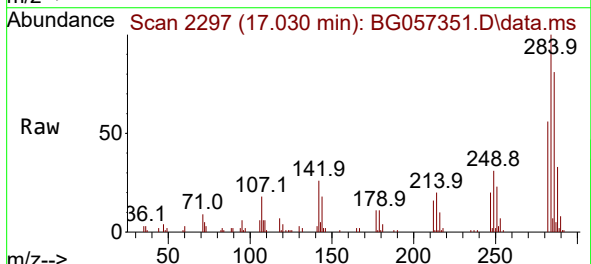
Instrument :
BNA_G
ClientSampleId :
SSTD020481

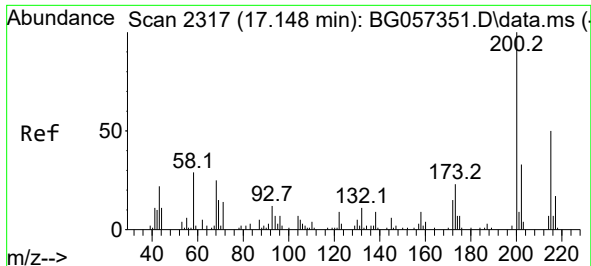
Tgt Ion:248 Resp: 33965
Ion Ratio Lower Upper
248 100
250 93.7 74.8 112.2
141 62.1 47.8 71.6



#69
Hexachlorobenzene
Concen: 22.712 ng/ul
RT: 17.030 min Scan# 2297
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:284 Resp: 35696
Ion Ratio Lower Upper
284 100
142 25.8 22.6 33.8
249 31.3 26.2 39.2

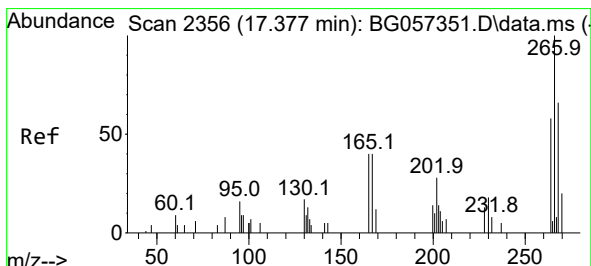
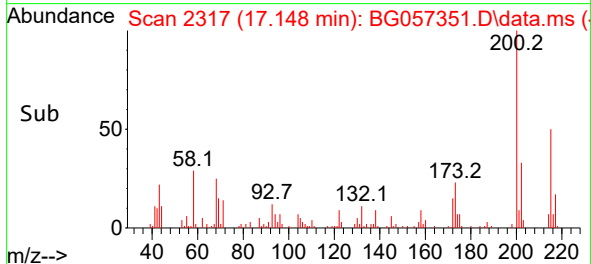
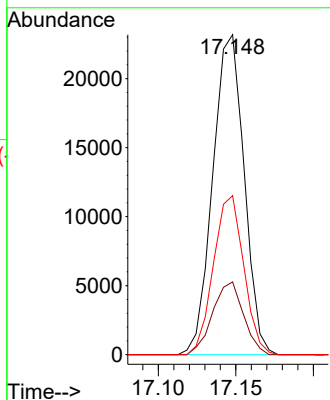
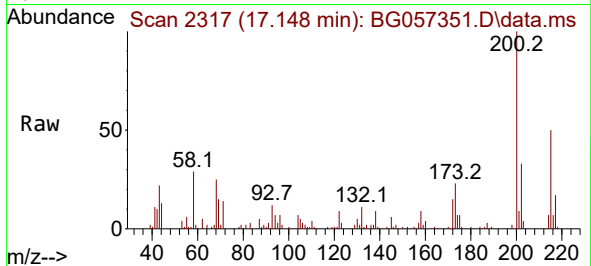




#70
 Atrazine
 Concen: 22.457 ng/ul
 RT: 17.148 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057351.D
 Acq: 9 May 2023 13:48

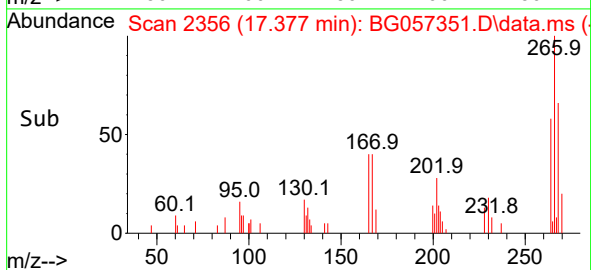
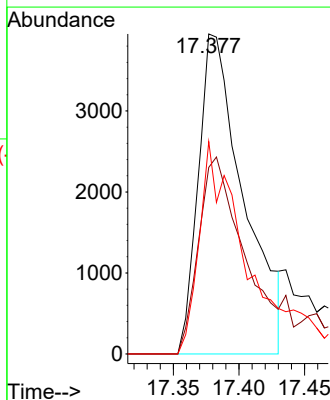
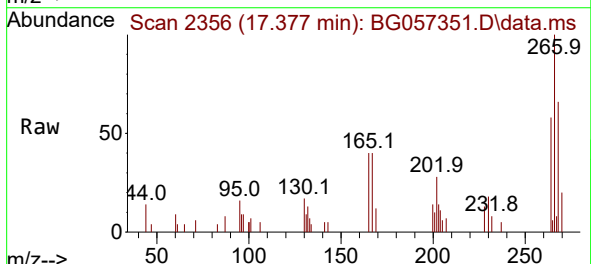
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020481

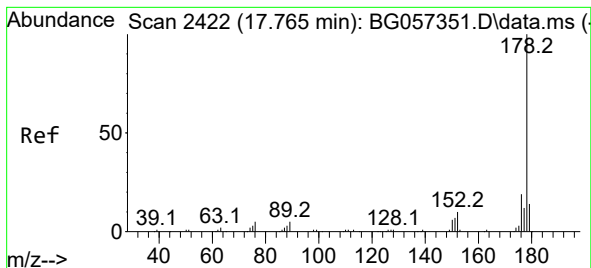
Tgt Ion:200 Resp: 32557
 Ion Ratio Lower Upper
 200 100
 173 22.7 17.8 26.6
 215 49.7 40.3 60.5



#71
 Pentachlorophenol
 Concen: 13.053 ng/ul
 RT: 17.377 min Scan# 2356
 Delta R.T. -0.009 min
 Lab File: BG057351.D
 Acq: 9 May 2023 13:48

Tgt Ion:266 Resp: 9483
 Ion Ratio Lower Upper
 266 100
 264 58.3 47.8 71.6
 268 66.4 48.2 72.4





#72

Phenanthrene

Concen: 22.419 ng/ul

RT: 17.765 min Scan# 2422

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

Instrument :

BNA_G

ClientSampleId :

SSTD020481

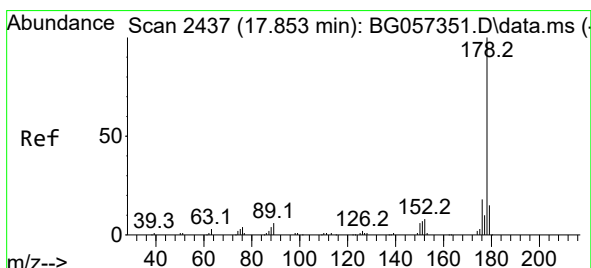
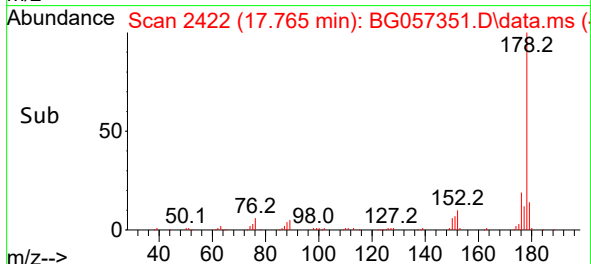
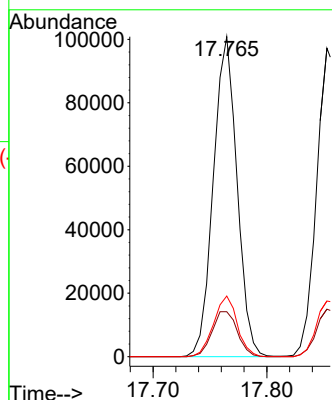
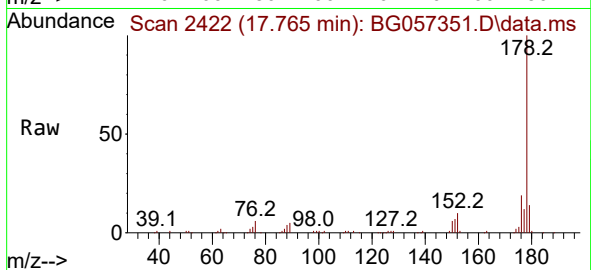
Tgt Ion:178 Resp: 145787

Ion Ratio Lower Upper

178 100

179 14.1 11.8 17.8

176 19.0 15.4 23.0



#74

Anthracene

Concen: 22.504 ng/ul

RT: 17.853 min Scan# 2437

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

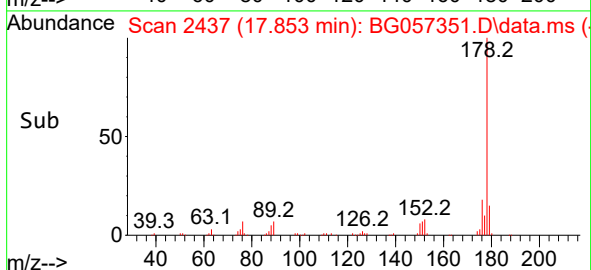
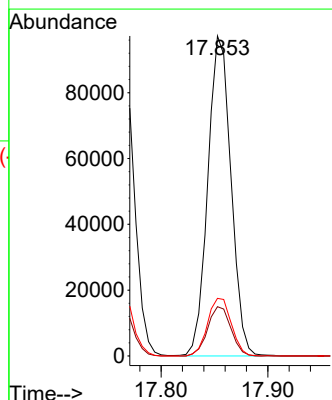
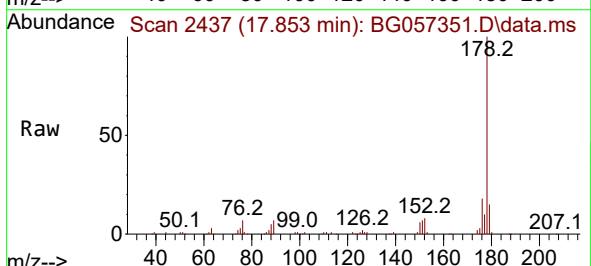
Tgt Ion:178 Resp: 146998

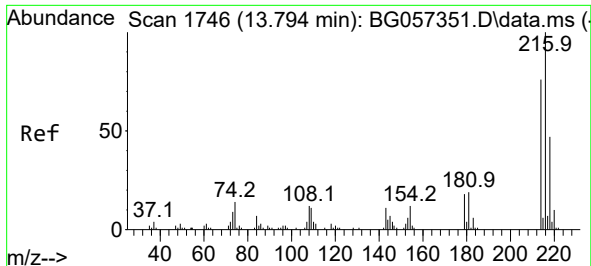
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.0 14.7 22.1

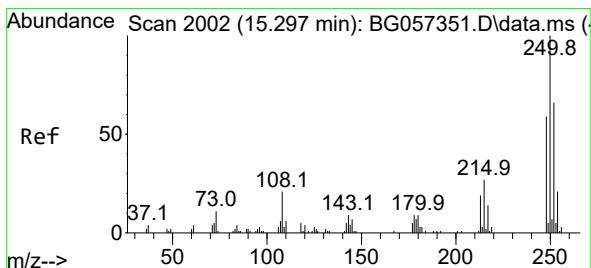
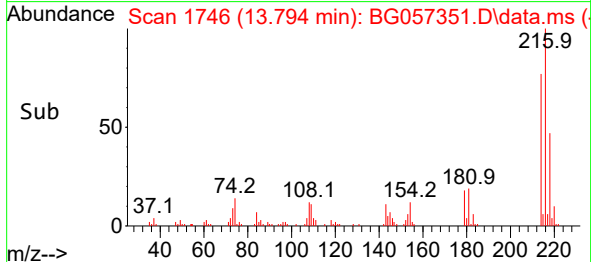
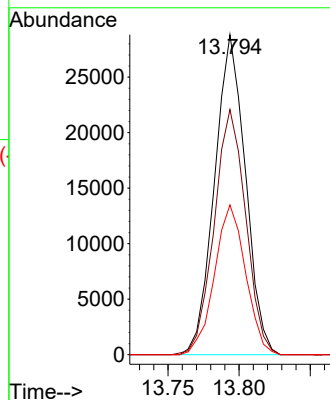
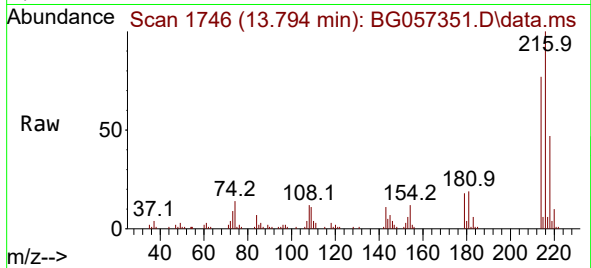




#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.161 ng/uL
RT: 13.794 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

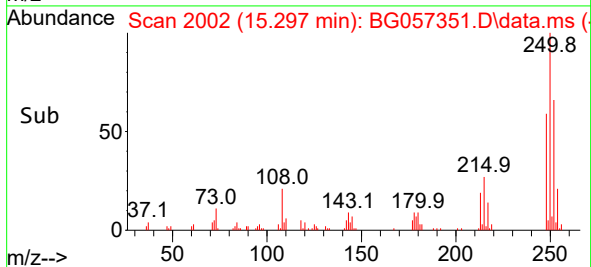
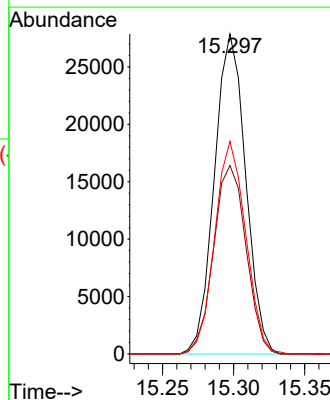
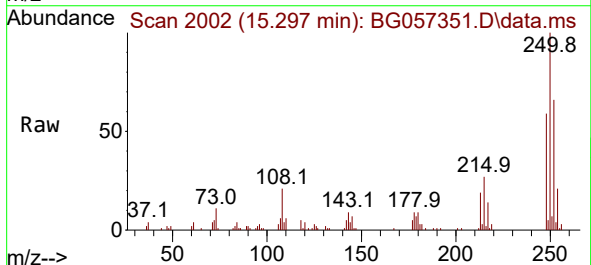
Instrument :
BNA_G
ClientSampleId :
SSTD020481

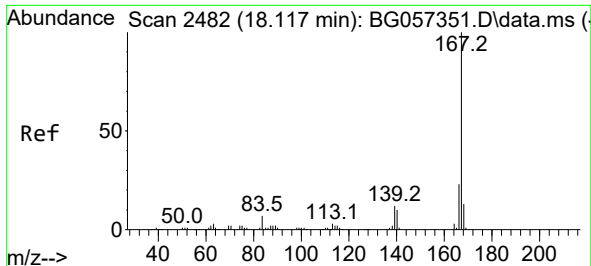
Tgt Ion:216 Resp: 43502
Ion Ratio Lower Upper
216 100
214 76.6 64.3 96.5
218 46.8 38.5 57.7



#76
Pentachlorobenzene
Concen: 22.293 ng/uL
RT: 15.297 min Scan# 2002
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:250 Resp: 42620
Ion Ratio Lower Upper
250 100
248 58.9 52.2 78.2
252 66.4 52.5 78.7

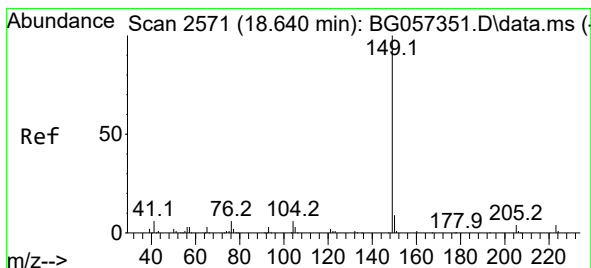
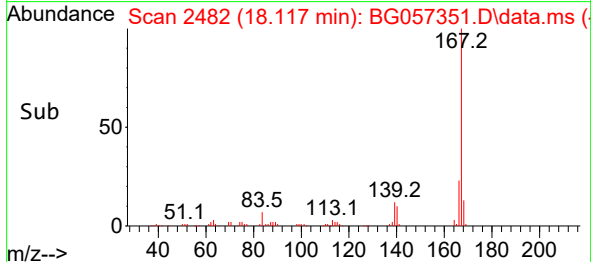
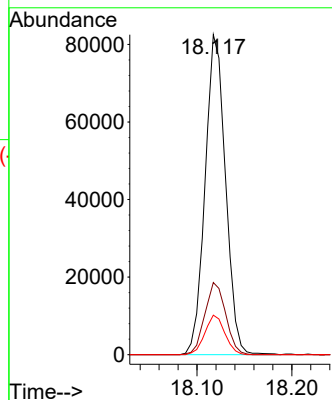
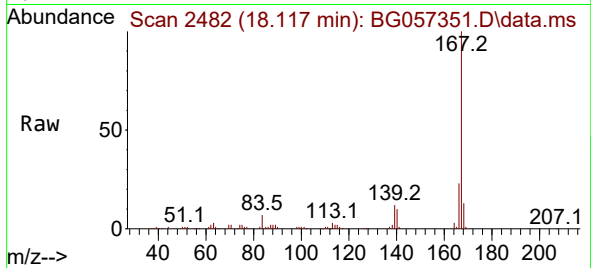




#77
 Carbazole
 Concen: 22.611 ng/ul
 RT: 18.117 min Scan# 2482
 Delta R.T. -0.009 min
 Lab File: BG057351.D
 Acq: 9 May 2023 13:48

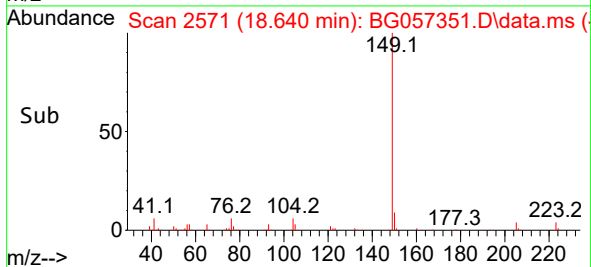
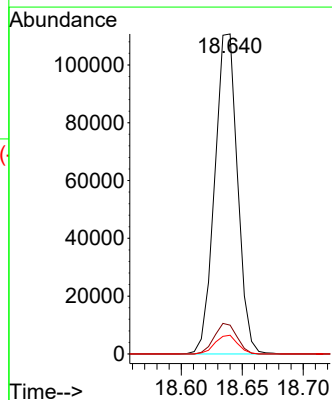
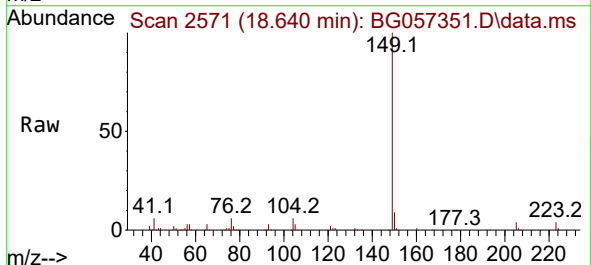
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020481

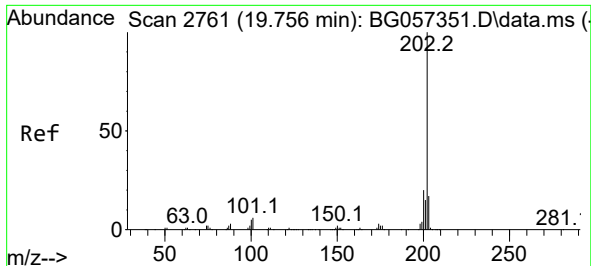
Tgt Ion:167 Resp: 123433
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 12.4 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 23.056 ng/ul
 RT: 18.640 min Scan# 2571
 Delta R.T. -0.003 min
 Lab File: BG057351.D
 Acq: 9 May 2023 13:48

Tgt Ion:149 Resp: 143925
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.9 5.0 7.6

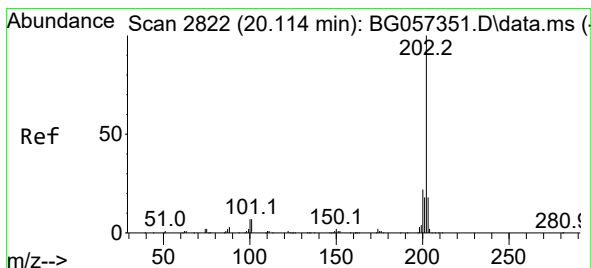
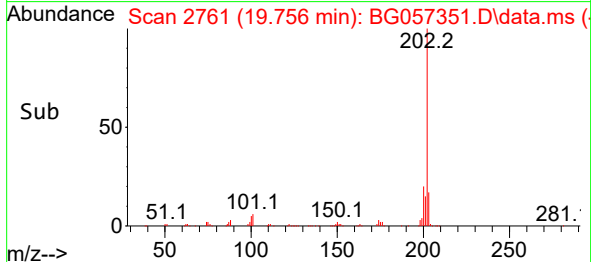
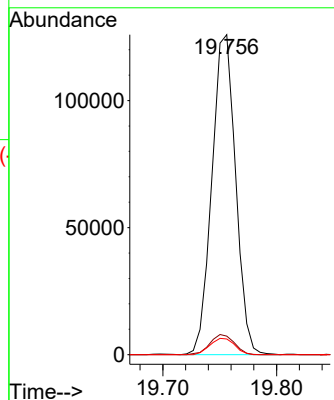
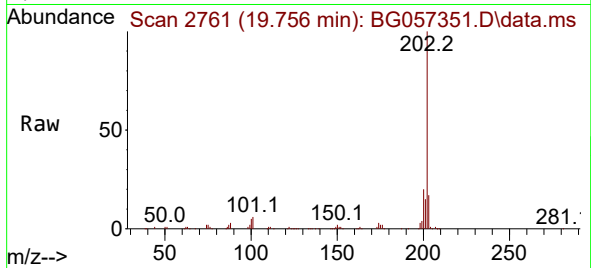




#80
Fluoranthene
Concen: 21.950 ng/ul
RT: 19.756 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

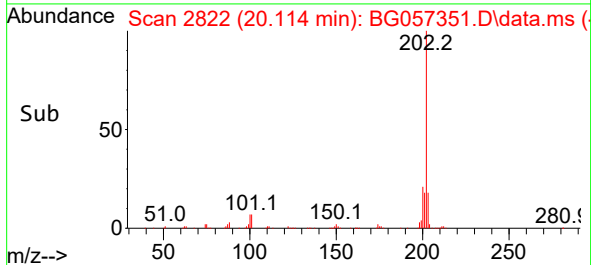
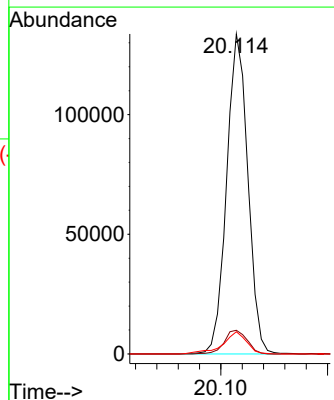
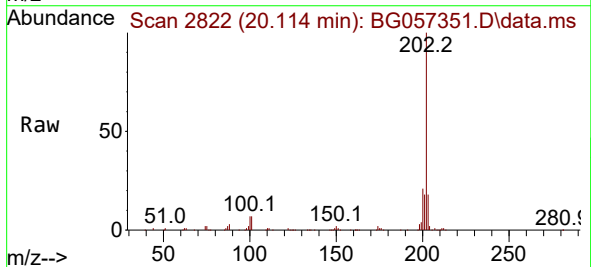
Instrument :
BNA_G
ClientSampleId :
SSTD020481

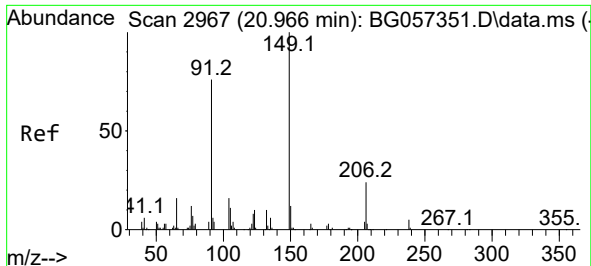
Tgt Ion:202 Resp: 182964
Ion Ratio Lower Upper
202 100
101 5.8 5.8 8.6
100 4.9 4.6 7.0



#82
Pyrene
Concen: 21.852 ng/ul
RT: 20.114 min Scan# 2822
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:202 Resp: 184392
Ion Ratio Lower Upper
202 100
101 7.4 5.7 8.5
100 6.9 6.0 9.0

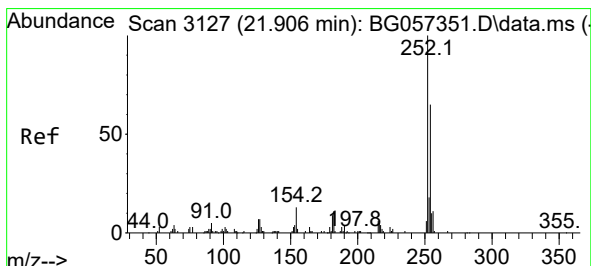
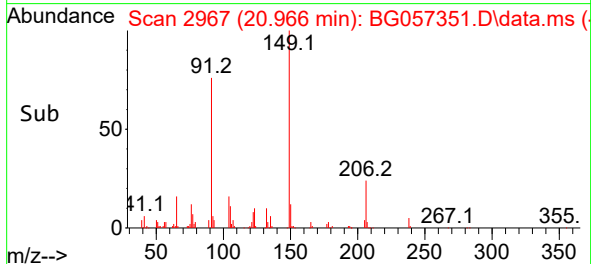
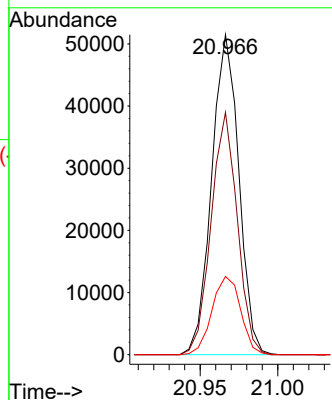
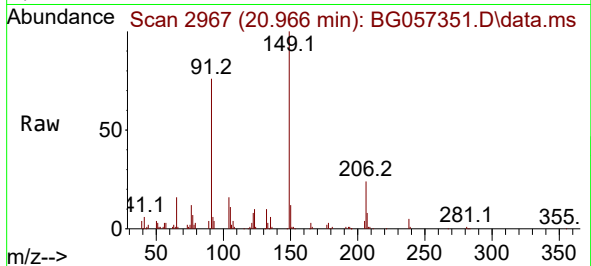




#83
Butylbenzylphthalate
Concen: 23.199 ng/ul
RT: 20.966 min Scan# 2967
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

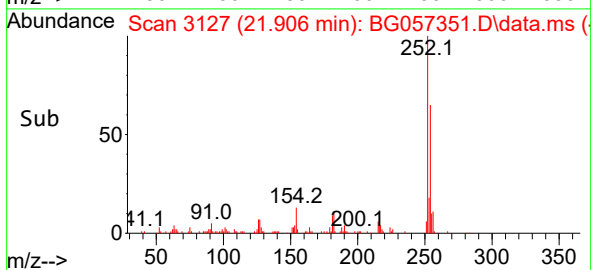
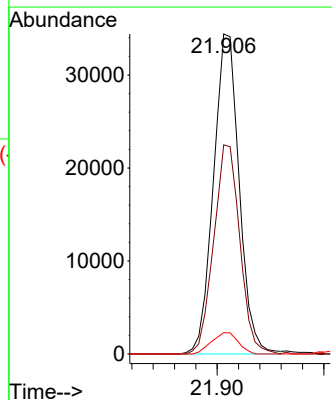
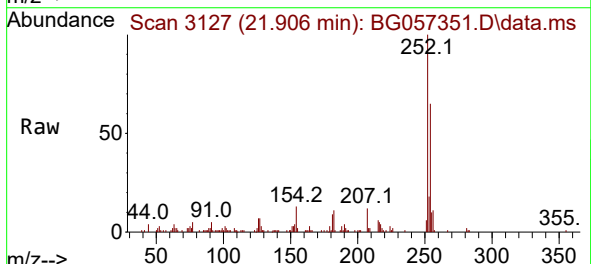
Instrument :
BNA_G
ClientSampleId :
SSTD020481

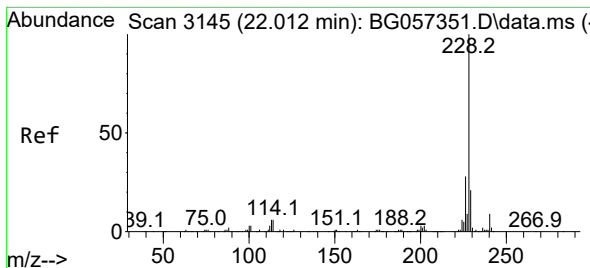
Tgt Ion:149 Resp: 62691
Ion Ratio Lower Upper
149 100
91 75.8 58.6 87.8
206 24.5 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 21.969 ng/ul
RT: 21.906 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:252 Resp: 57679
Ion Ratio Lower Upper
252 100
254 65.4 53.7 80.5
126 6.6 5.2 7.8





#85

Benzo(a)anthracene

Concen: 22.097 ng/ul

RT: 22.012 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

Instrument :

BNA_G

ClientSampleId :

SSTD020481

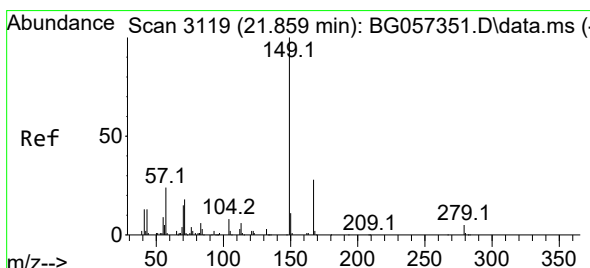
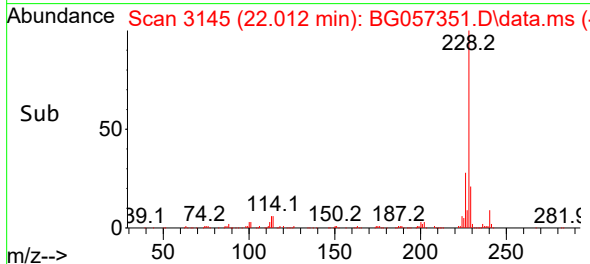
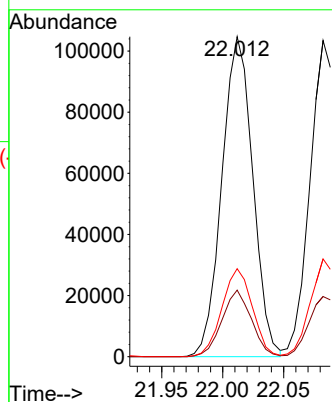
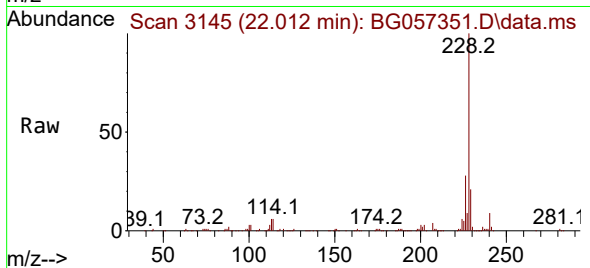
Tgt Ion:228 Resp: 184750

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

226 27.5 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.849 ng/ul

RT: 21.859 min Scan# 3119

Delta R.T. -0.009 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

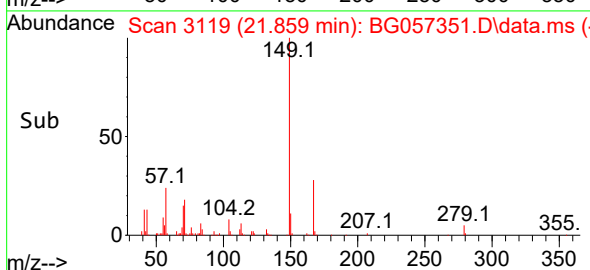
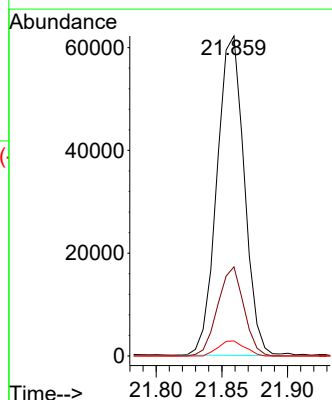
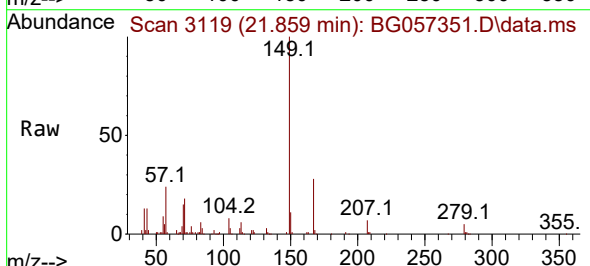
Tgt Ion:149 Resp: 89803

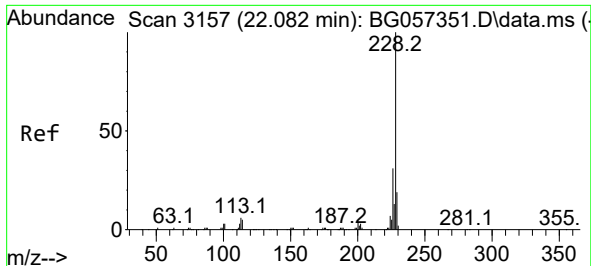
Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.6

279 4.7 3.6 5.4

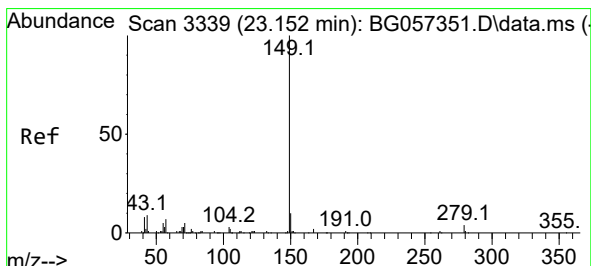
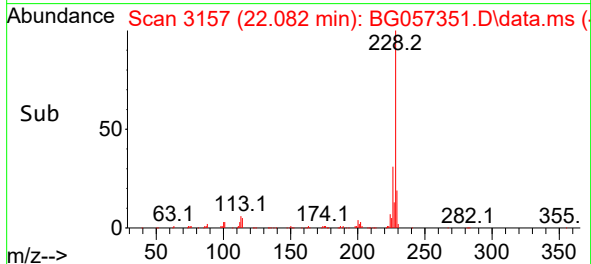
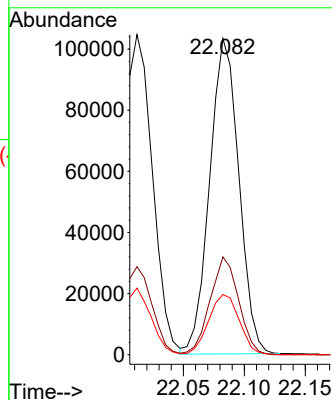
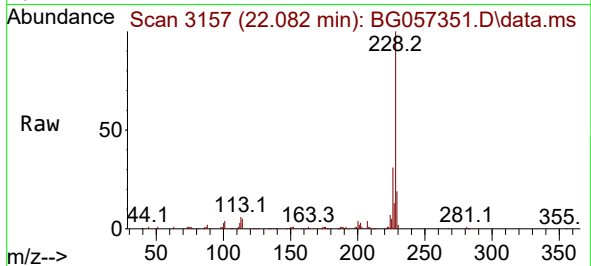




#87
Chrysene
Concen: 21.820 ng/ul
RT: 22.082 min Scan# 3157
Delta R.T. -0.009 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

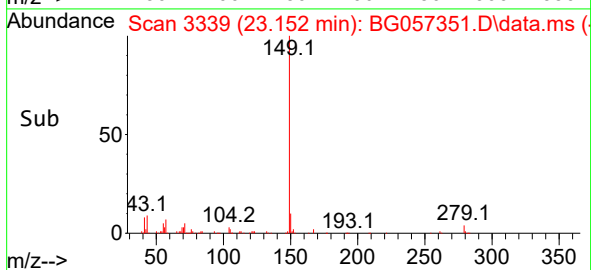
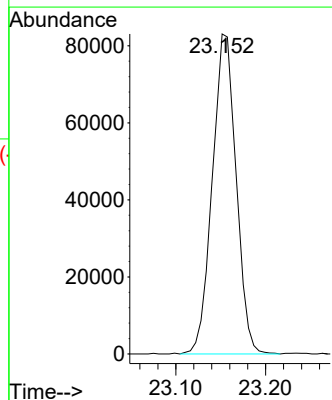
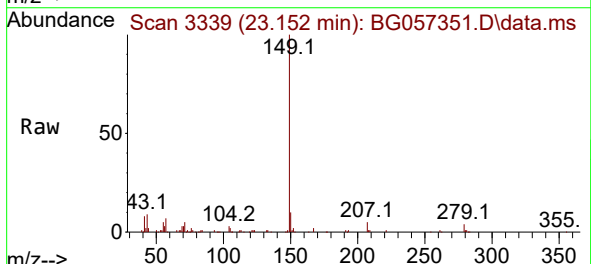
Instrument :
BNA_G
ClientSampleId :
SSTD020481

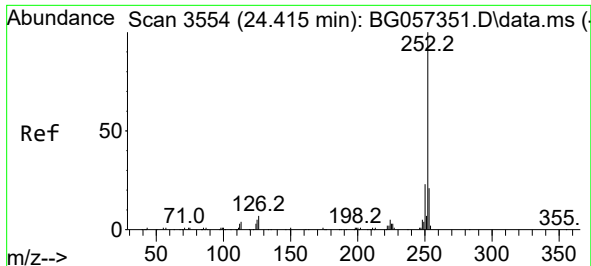
Tgt Ion:228 Resp: 172125
Ion Ratio Lower Upper
228 100
226 30.9 22.8 34.2
229 19.1 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 22.580 ng/ul
RT: 23.152 min Scan# 3339
Delta R.T. -0.015 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:149 Resp: 153062

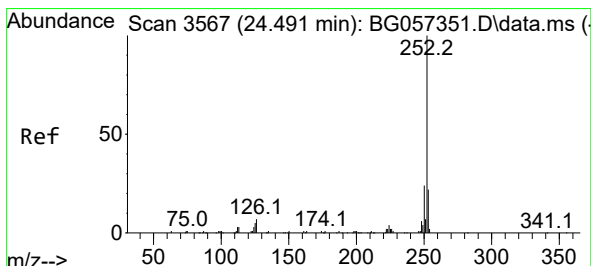
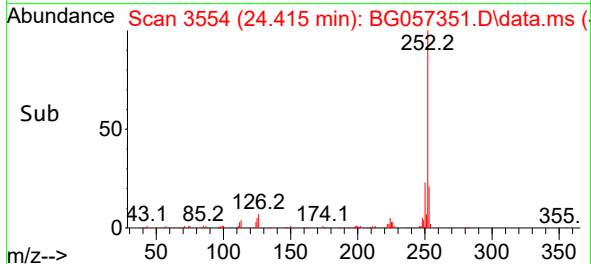
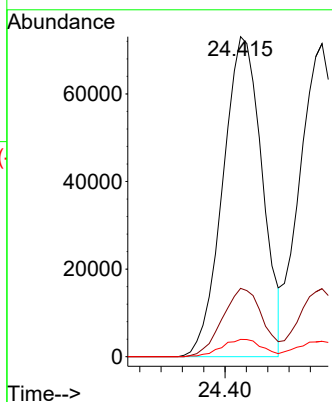
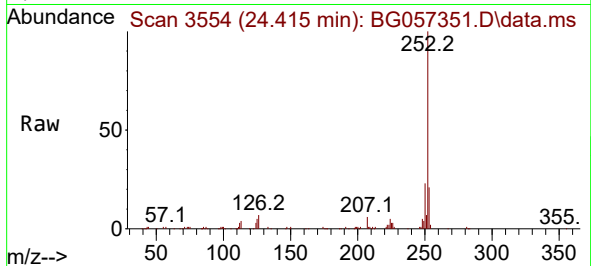




#90
Benzo(b)fluoranthene
Concen: 22.028 ng/ul
RT: 24.415 min Scan# 3554
Delta R.T. -0.021 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

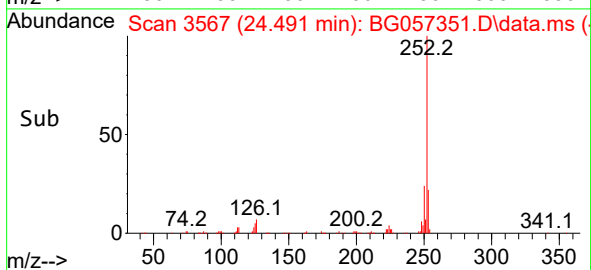
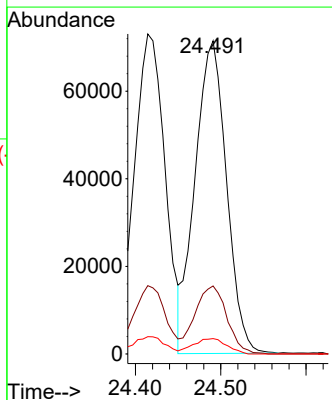
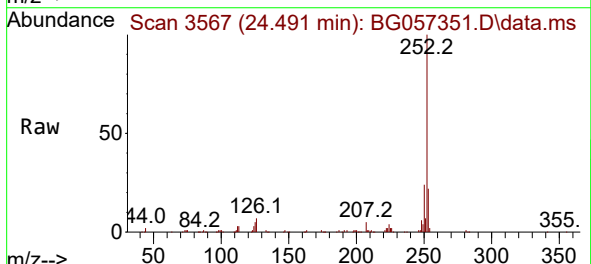
Instrument :
BNA_G
ClientSampleId :
SSTD020481

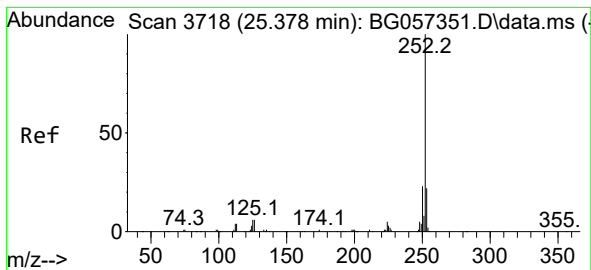
Tgt Ion:252 Resp: 187256
Ion Ratio Lower Upper
252 100
253 21.4 16.7 25.1
125 5.4 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 22.103 ng/ul
RT: 24.491 min Scan# 3567
Delta R.T. -0.015 min
Lab File: BG057351.D
Acq: 9 May 2023 13:48

Tgt Ion:252 Resp: 182797
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 4.9 4.5 6.7





#93

Benzo(a)pyrene

Concen: 22.075 ng/ul

RT: 25.378 min Scan# 3718

Delta R.T. -0.015 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

Instrument :

BNA_G

ClientSampleId :

SSTD020481

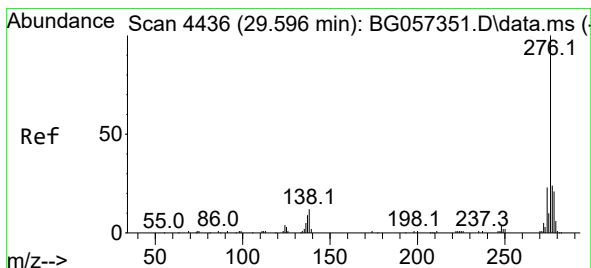
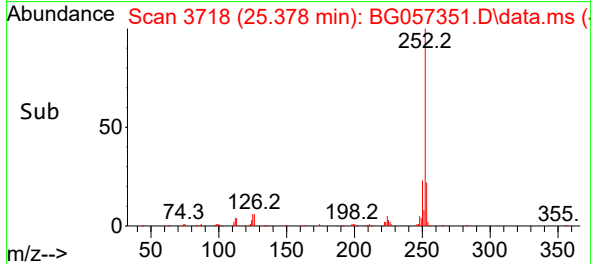
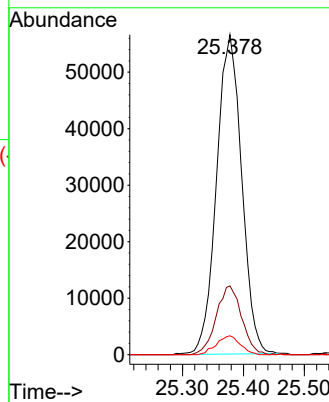
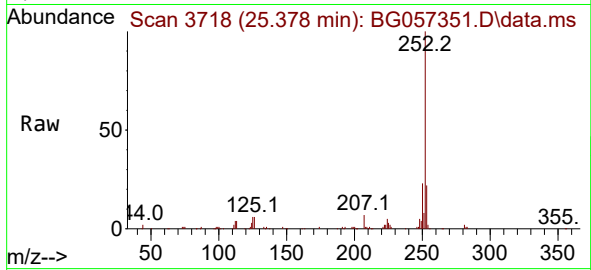
Tgt Ion:252 Resp: 162008

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 5.9 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.496 ng/ul

RT: 29.596 min Scan# 4436

Delta R.T. -0.032 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

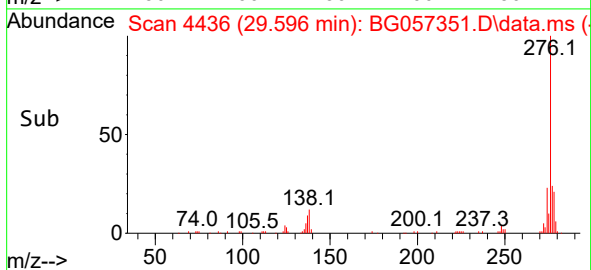
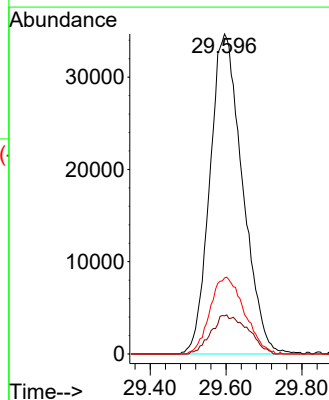
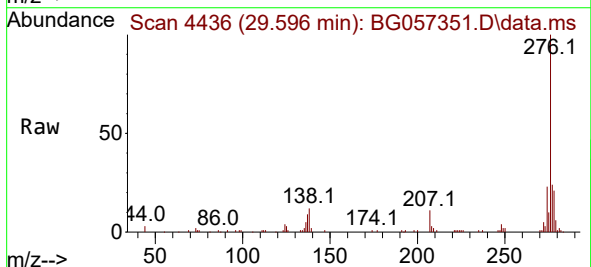
Tgt Ion:276 Resp: 206378

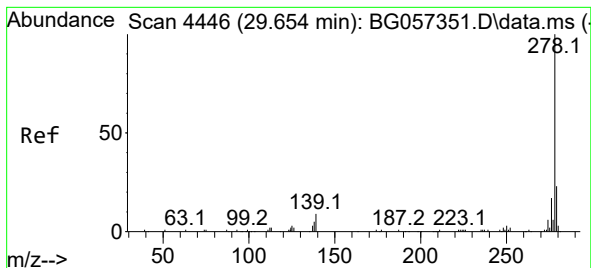
Ion Ratio Lower Upper

276 100

138 11.9 9.4 14.2

277 23.8 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 22.264 ng/ul

RT: 29.654 min Scan# 4446

Delta R.T. -0.032 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

Instrument :

BNA_G

ClientSampleId :

SSTD020481

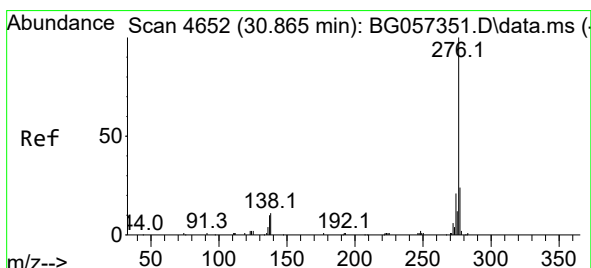
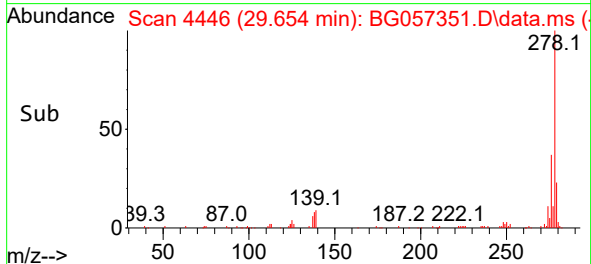
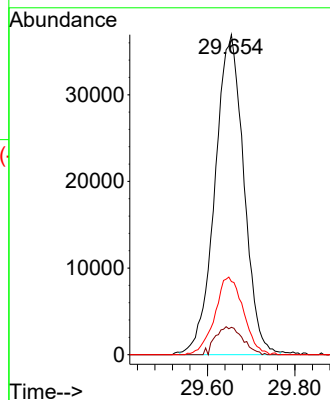
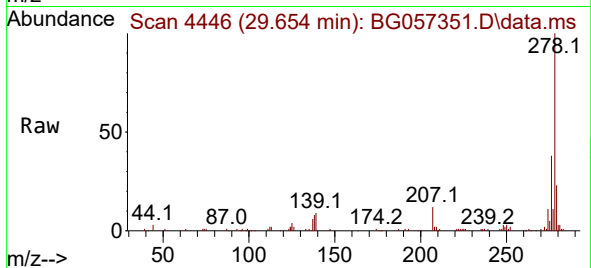
Tgt Ion:278 Resp: 169360

Ion Ratio Lower Upper

278 100

139 8.5 5.8 8.6

279 22.8 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 22.273 ng/ul

RT: 30.865 min Scan# 4652

Delta R.T. -0.038 min

Lab File: BG057351.D

Acq: 9 May 2023 13:48

Tgt Ion:276 Resp: 165364

Ion Ratio Lower Upper

276 100

138 10.9 8.7 13.1

277 23.8 18.4 27.6

