

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056553.D
 Acq On : 6 Feb 2023 13:31
 Operator : CG/JU
 Sample : PB150681BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150681BS

Quant Time: Feb 07 04:32:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	36703	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	151161	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	123717	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	318118	20.000	ng	0.00
76) Chrysene-d12	21.931	240	287032	20.000	ng	0.00
86) Perylene-d12	25.356	264	307306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	321127	160.951	ng	0.00
7) Phenol-d6	7.425	99	447025	151.216	ng	0.00
23) Nitrobenzene-d5	9.452	82	227757	85.559	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	218786	133.021	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	754097	84.507	ng	0.00
79) Terphenyl-d14	20.215	244	1460901	89.393	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.588	88	27654	33.287	ng	# 92
3) Pyridine	4.011	79	76114	30.734	ng	97
4) n-Nitrosodimethylamine	3.923	42	20868	39.624	ng	91
6) Aniline	7.583	93	137503	35.526	ng	95
8) 2-Chlorophenol	7.836	128	110845	50.572	ng	97
9) Benzaldehyde	7.401	77	40769	27.430	ng	# 84
10) Phenol	7.448	94	155658	51.806	ng	98
11) bis(2-Chloroethyl)ether	7.677	93	94394	45.706	ng	99
12) 1,3-Dichlorobenzene	8.159	146	113309	44.900	ng	96
13) 1,4-Dichlorobenzene	8.312	146	117241	45.875	ng	98
14) 1,2-Dichlorobenzene	8.635	146	116184	46.856	ng	98
15) Benzyl Alcohol	8.511	79	97934	48.285	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.793	45	21966	50.198	ng	95
17) 2-Methylphenol	8.717	107	108096	47.290	ng	95
18) Hexachloroethane	9.369	117	35409	45.809	ng	97
19) n-Nitroso-di-n-propyla...	9.081	70	73233	42.987	ng	98
20) 3+4-Methylphenols	9.046	107	150144	46.871	ng	97
22) Acetophenone	9.105	105	171212	42.629	ng	# 99
24) Nitrobenzene	9.493	77	110508	43.038	ng	98
25) Isophorone	10.016	82	224102	40.807	ng	98
26) 2-Nitrophenol	10.210	139	68094	43.709	ng	98
27) 2,4-Dimethylphenol	10.257	122	119834	45.962	ng	99
28) bis(2-Chloroethoxy)met...	10.492	93	132088	43.539	ng	99
29) 2,4-Dichlorophenol	10.750	162	138311	47.128	ng	98
30) 1,2,4-Trichlorobenzene	10.967	180	141924	43.518	ng	99
31) Naphthalene	11.161	128	340747	42.709	ng	100
32) Benzoic acid	10.421	122	60763	41.656	ng	95
33) 4-Chloroaniline	11.261	127	122365	32.857	ng	99
34) Hexachlorobutadiene	11.432	225	95068	41.529	ng	98
35) Caprolactam	12.043	113	25165	25.425	ng	94
36) 4-Chloro-3-methylphenol	12.372	107	132022	46.582	ng	94
37) 2-Methylnaphthalene	12.748	142	269705	41.004	ng	97
38) 1-Methylnaphthalene	12.959	142	251039	40.866	ng	96
40) 1,2,4,5-Tetrachloroben...	13.106	216	190770	42.208	ng	99
41) Hexachlorocyclopentadiene	13.077	237	169302	71.405	ng	100
43) 2,4,6-Trichlorophenol	13.341	196	129986	44.628	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056553.D
 Acq On : 6 Feb 2023 13:31
 Operator : CG/JU
 Sample : PB150681BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150681BS

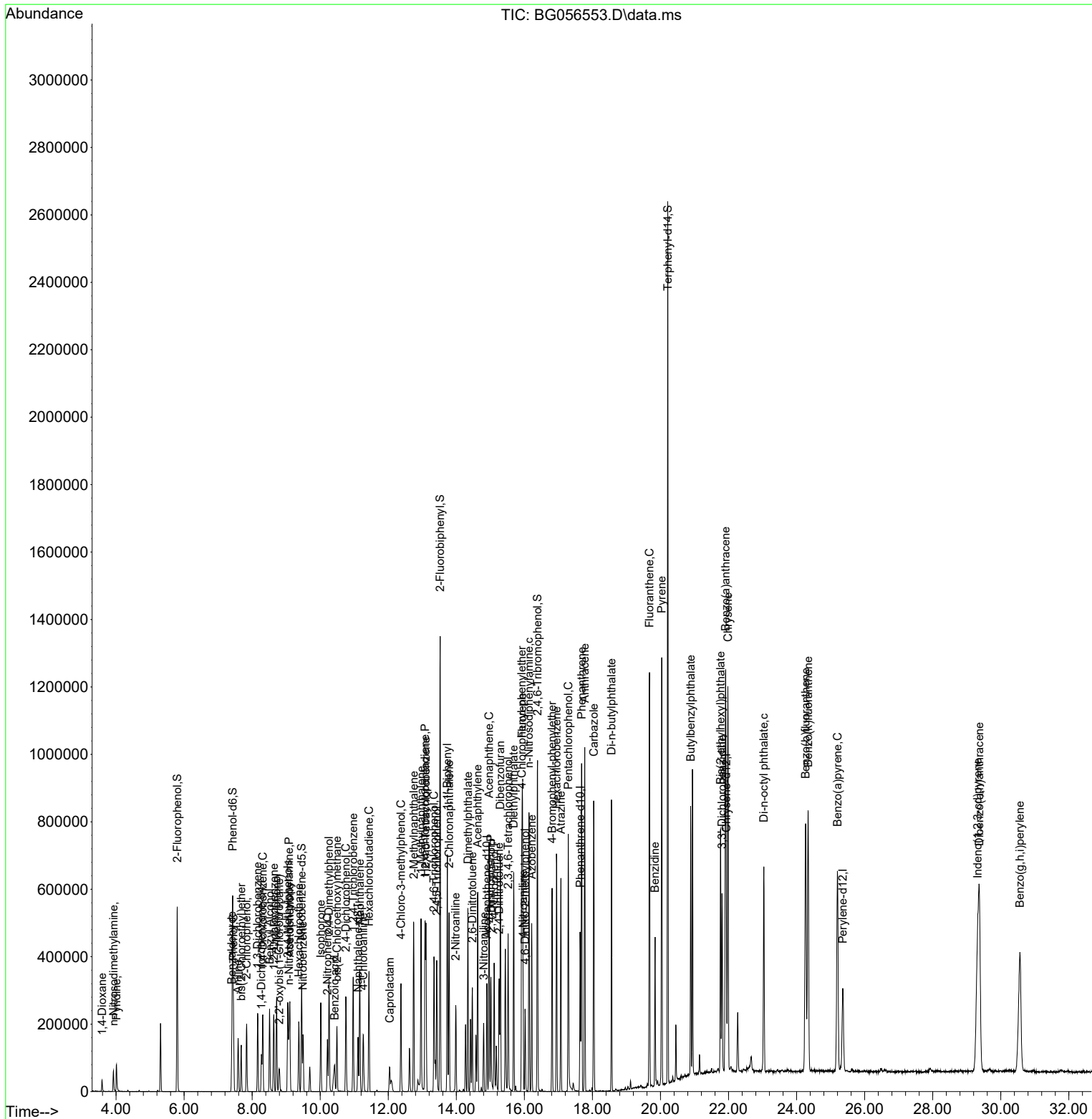
Quant Time: Feb 07 04:32:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

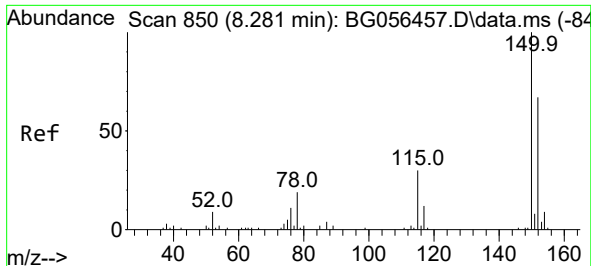
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	139026	40.768	ng	99
46) 1,1'-Biphenyl	13.735	154	388421	43.286	ng	100
47) 2-Chloronaphthalene	13.788	162	308034	43.917	ng	98
48) 2-Nitroaniline	13.982	65	65794	45.376	ng	92
49) Acenaphthylene	14.628	152	486769	42.656	ng	98
50) Dimethylphthalate	14.340	163	425175	42.479	ng	99
51) 2,6-Dinitrotoluene	14.469	165	93389	42.785	ng	98
52) Acenaphthene	14.963	154	288013	42.560	ng	99
53) 3-Nitroaniline	14.804	138	71022	33.563	ng	98
54) 2,4-Dinitrophenol	15.016	184	128805	94.128	ng	98
55) Dibenzofuran	15.292	168	510768	42.086	ng	99
56) 4-Nitrophenol	15.110	139	131514	90.954	ng	95
57) 2,4-Dinitrotoluene	15.257	165	135196	43.973	ng	99
58) Fluorene	15.938	166	413453	42.814	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.521	232	133676	44.087	ng	99
60) Diethylphthalate	15.685	149	401110	42.677	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	248010	42.088	ng	98
62) 4-Nitroaniline	15.962	138	91290	43.114	ng	95
63) Azobenzene	16.214	77	283186	43.789	ng	97
65) 4,6-Dinitro-2-methylph...	16.020	198	91979	41.126	ng	97
66) n-Nitrosodiphenylamine	16.132	169	381613	42.369	ng	100
67) 4-Bromophenyl-phenylether	16.814	248	169445	41.607	ng	98
68) Hexachlorobenzene	16.943	284	178958	44.867	ng	97
69) Atrazine	17.072	200	162551	46.781	ng	98
70) Pentachlorophenol	17.289	266	181816	75.333	ng	99
71) Phenanthrene	17.683	178	716893	43.057	ng	99
72) Anthracene	17.771	178	725160	42.428	ng	99
73) Carbazole	18.036	167	636460	43.723	ng	100
74) Di-n-butylphthalate	18.559	149	666842	43.629	ng	100
75) Fluoranthene	19.675	202	865474	41.186	ng	100
77) Benzidine	19.839	184	285916	36.810	ng	98
78) Pyrene	20.033	202	879434	43.079	ng	100
80) Butylbenzylphthalate	20.885	149	270291	43.353	ng	98
81) Benzo(a)anthracene	21.908	228	858879	42.801	ng	100
82) 3,3'-Dichlorobenzidine	21.808	252	231201	31.994	ng	98
83) Chrysene	21.978	228	799792	42.424	ng	100
84) Bis(2-ethylhexyl)phtha...	21.767	149	387860	43.391	ng	100
85) Di-n-octyl phthalate	23.036	149	650643	43.708	ng	99
87) Indeno(1,2,3-cd)pyrene	29.317	276	1002502	44.565	ng	# 96
88) Benzo(b)fluoranthene	24.264	252	890318	46.676	ng	99
89) Benzo(k)fluoranthene	24.340	252	868173	45.081	ng	100
90) Benzo(a)pyrene	25.198	252	789377	42.012	ng	97
91) Dibenzo(a,h)anthracene	29.369	278	853456	45.199	ng	99
92) Benzo(g,h,i)perylene	30.562	276	816565	44.818	ng	97

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

Instrument :
BNA_G
ClientSampleId :
PB150681BS

Quant Time: Feb 07 04:32:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:30:04 2023
Response via : Initial Calibration

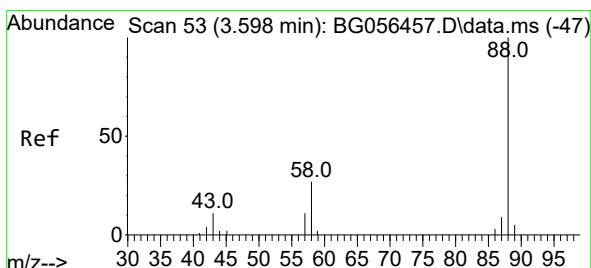
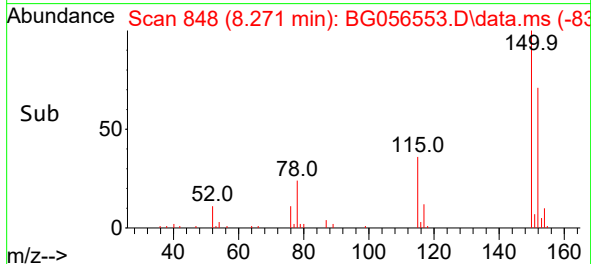
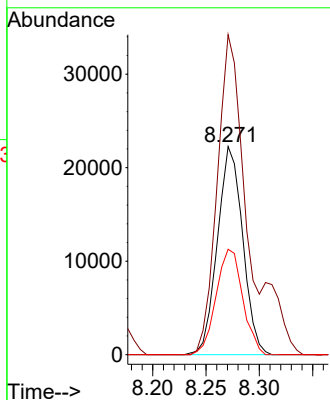
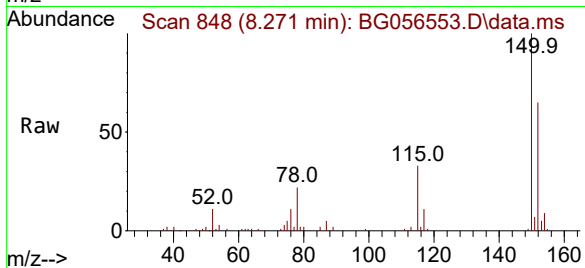




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

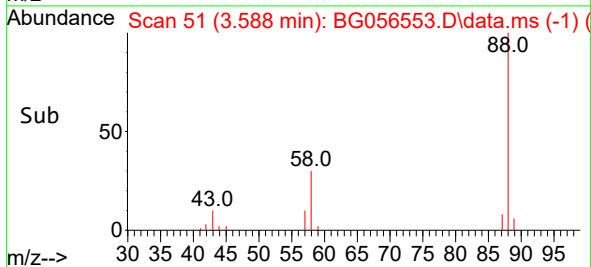
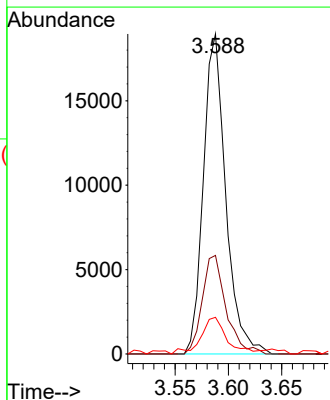
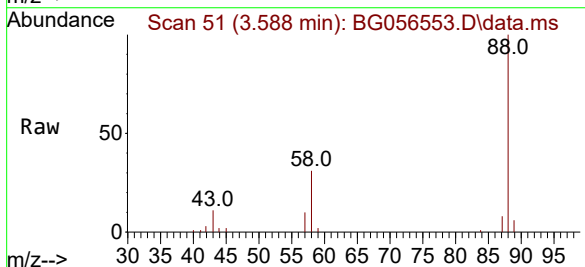
Instrument :
BNA_G
ClientSampleId :
PB150681BS

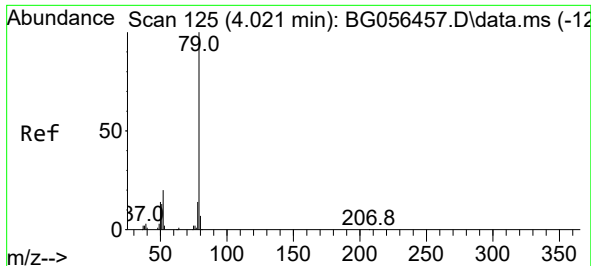
Tgt Ion:152 Resp: 36703
Ion Ratio Lower Upper
152 100
150 153.7 120.2 180.4
115 50.7 36.3 54.5



#2
1,4-Dioxane
Concen: 33.287 ng
RT: 3.588 min Scan# 51
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion: 88 Resp: 27654
Ion Ratio Lower Upper
88 100
58 32.7 23.0 34.4
43 13.3 8.0 12.0#

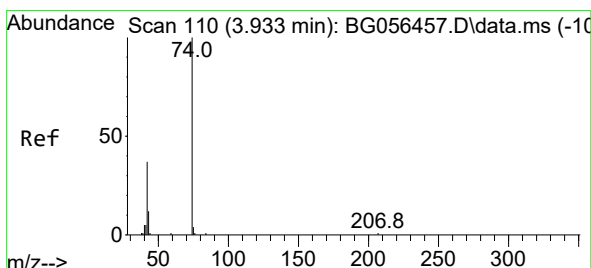
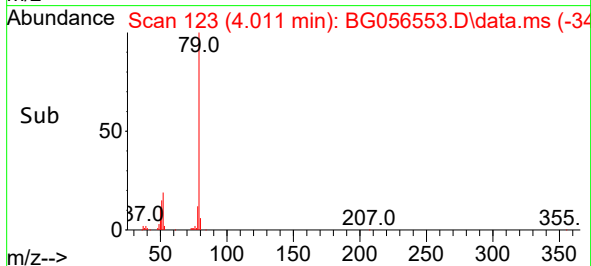
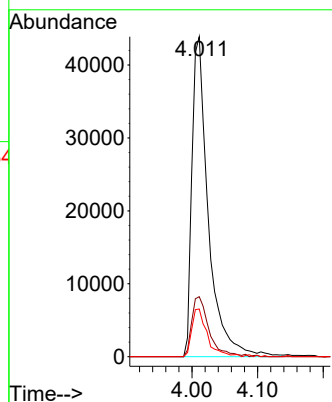
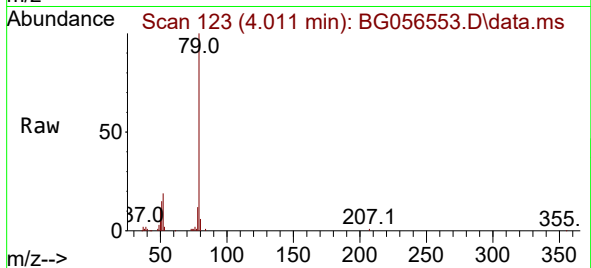




#3
 Pyridine
 Concen: 30.734 ng
 RT: 4.011 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

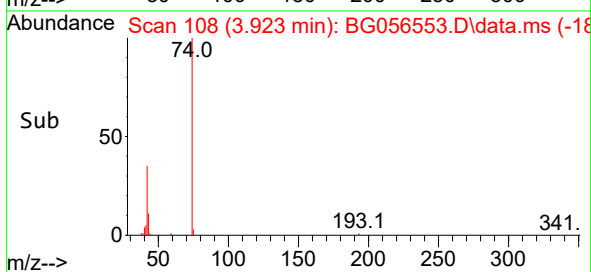
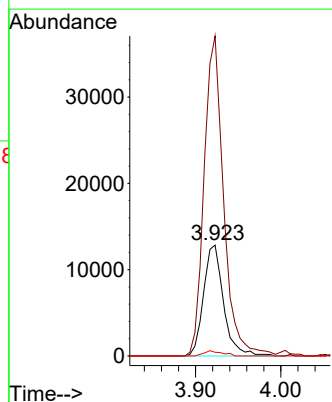
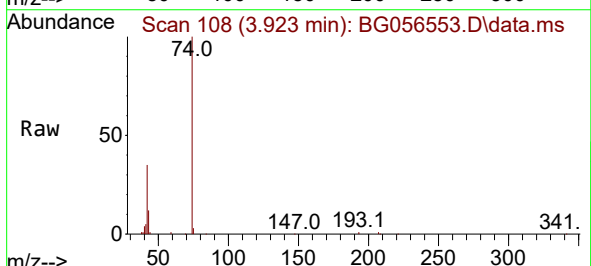
Instrument :
 BNA_G
 ClientSampleId :
 PB150681BS

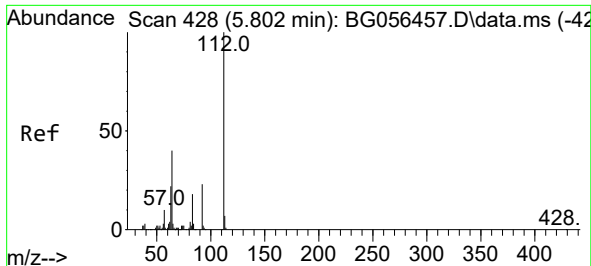
Tgt Ion: 79 Resp: 76114
 Ion Ratio Lower Upper
 79 100
 52 18.7 16.1 24.1
 51 14.9 10.7 16.1



#4
 n-Nitrosodimethylamine
 Concen: 39.624 ng
 RT: 3.923 min Scan# 108
 Delta R.T. 0.001 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

Tgt Ion: 42 Resp: 20868
 Ion Ratio Lower Upper
 42 100
 74 288.8 217.9 326.9
 44 3.4 3.0 4.6

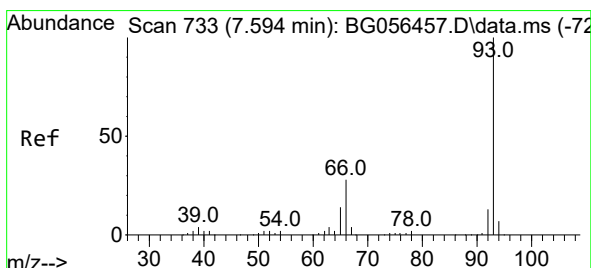
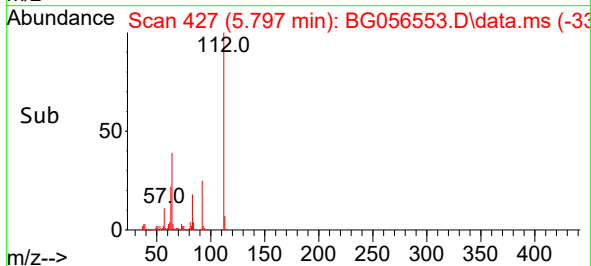
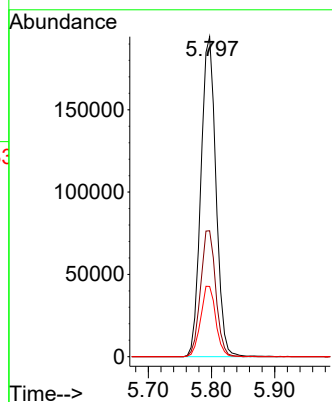
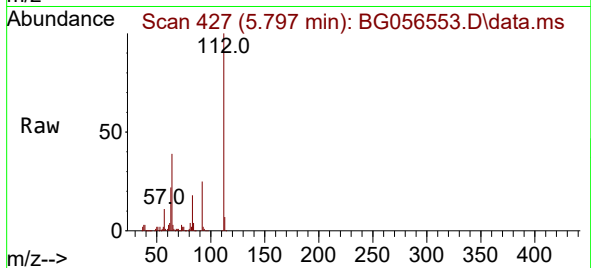




#5
2-Fluorophenol
Concen: 160.951 ng
RT: 5.797 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

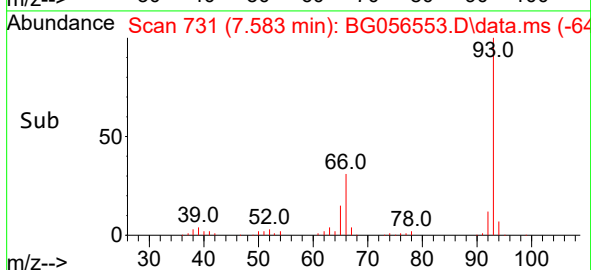
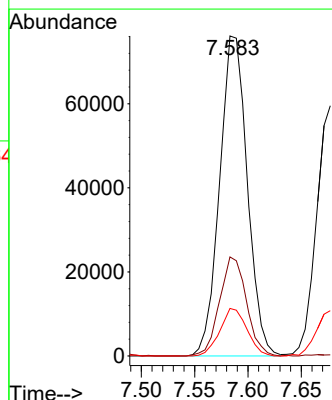
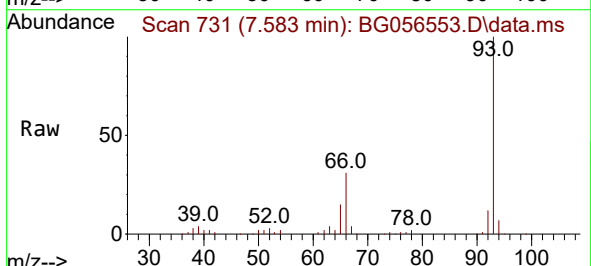
Instrument :
BNA_G
ClientSampleId :
PB150681BS

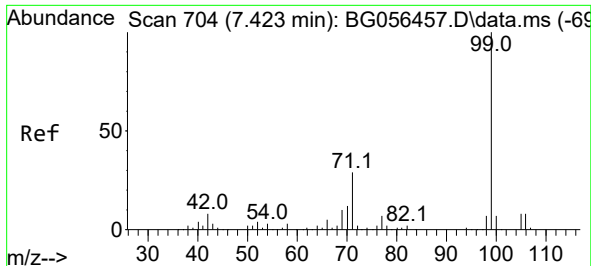
Tgt Ion:112 Resp: 321127
Ion Ratio Lower Upper
112 100
64 39.4 31.9 47.9
63 22.0 17.4 26.0



#6
Aniline
Concen: 35.526 ng
RT: 7.583 min Scan# 731
Delta R.T. -0.005 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion: 93 Resp: 137503
Ion Ratio Lower Upper
93 100
66 31.0 22.2 33.2
65 14.8 11.3 16.9

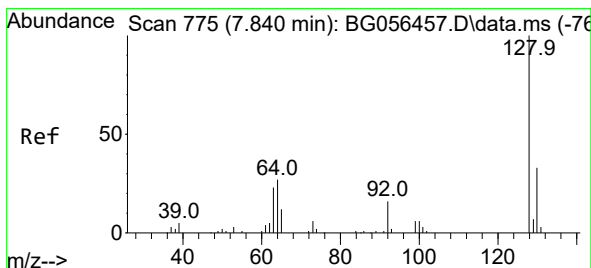
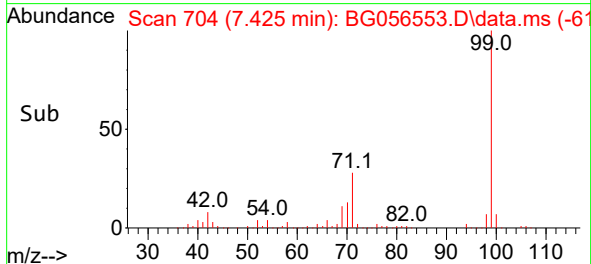
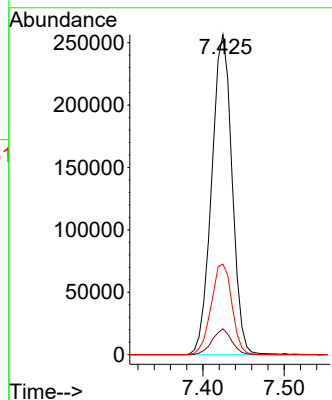
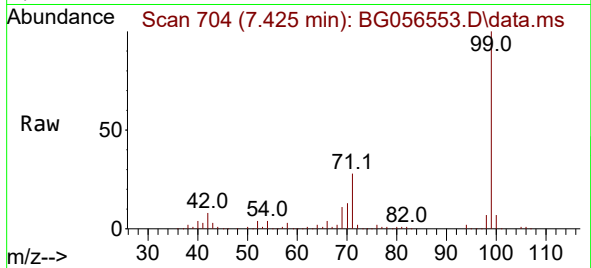




#7
Phenol-d6
Concen: 151.216 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

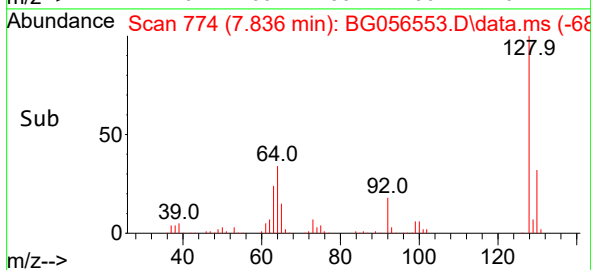
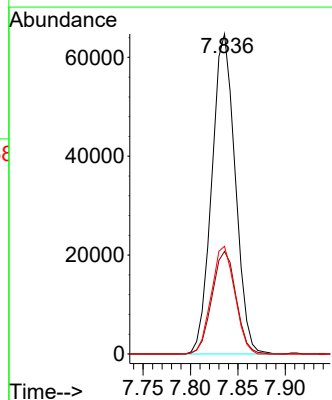
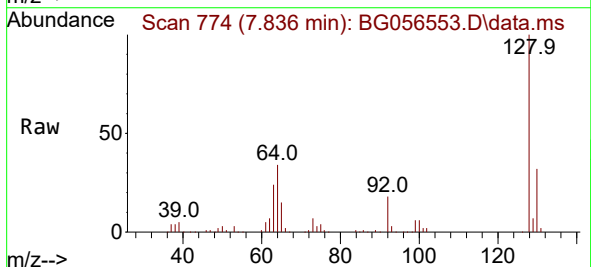
Instrument :
BNA_G
ClientSampleId :
PB150681BS

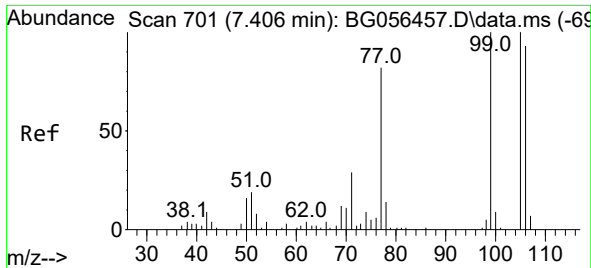
Tgt Ion: 99 Resp: 447025
Ion Ratio Lower Upper
99 100
42 8.1 6.6 10.0
71 28.3 23.4 35.0



#8
2-Chlorophenol
Concen: 50.572 ng
RT: 7.836 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:128 Resp: 110845
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 33.7 11.3 51.3

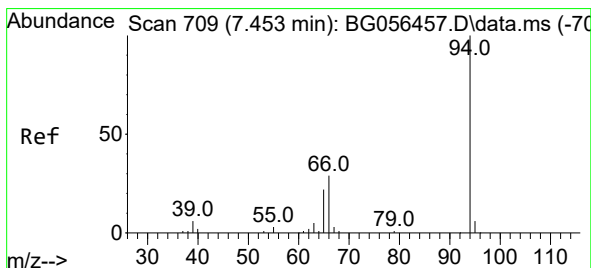
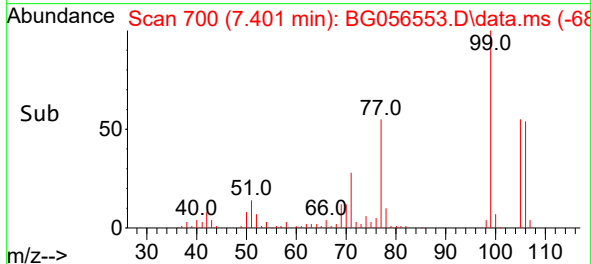
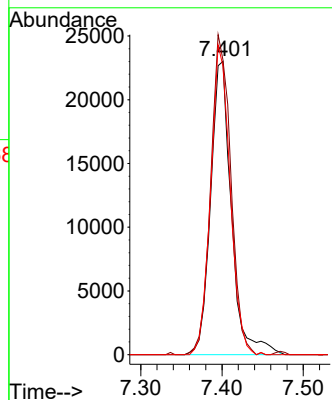
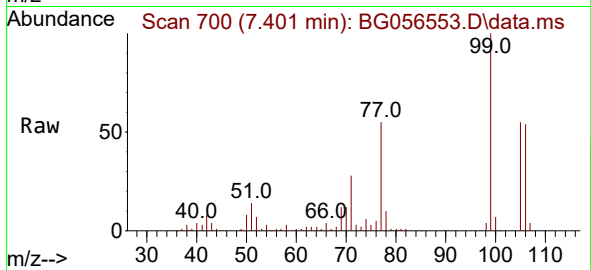




#9
Benzaldehyde
Concen: 27.430 ng
RT: 7.401 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

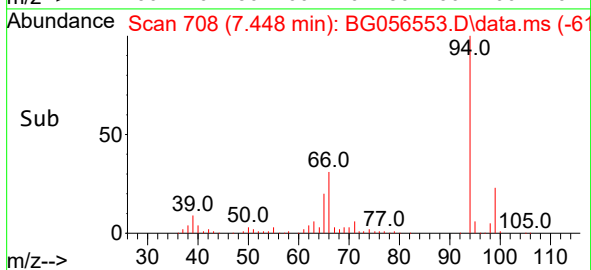
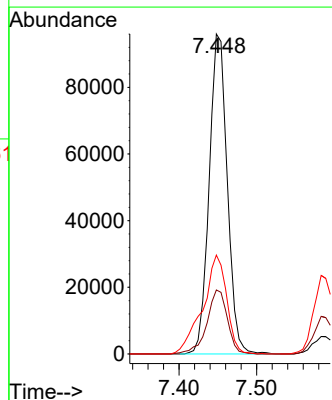
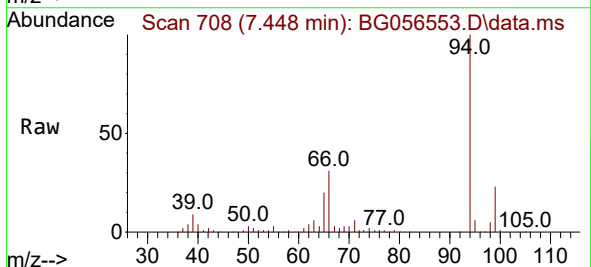
Instrument :
BNA_G
ClientSampleId :
PB150681BS

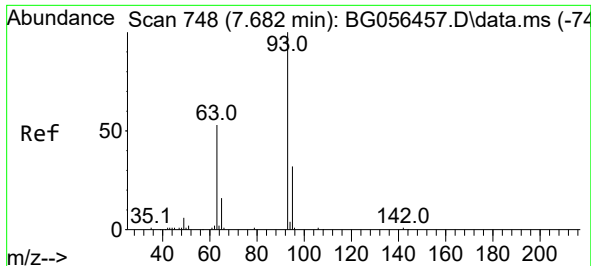
Tgt Ion: 77 Resp: 40769
Ion Ratio Lower Upper
77 100
105 100.5 101.8 141.8#
106 98.4 93.0 133.0



#10
Phenol
Concen: 51.806 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion: 94 Resp: 155658
Ion Ratio Lower Upper
94 100
65 20.0 2.3 42.3
66 30.9 11.2 51.2

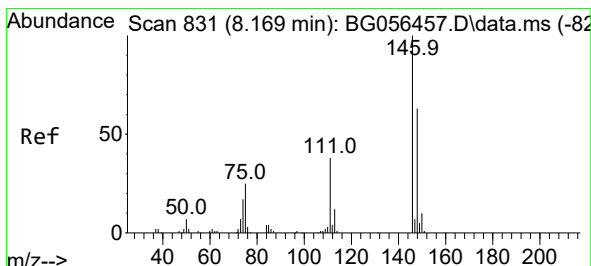
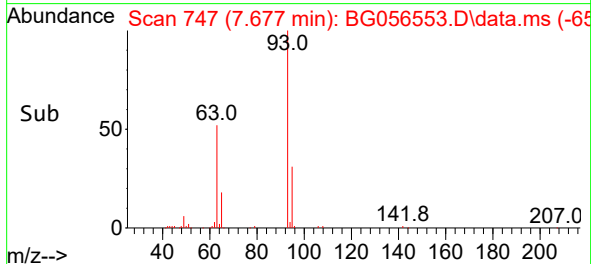
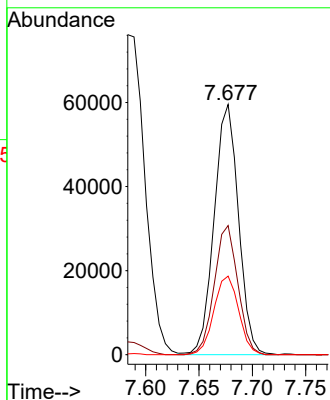
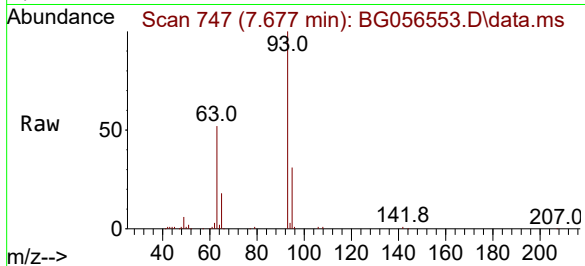




#11
bis(2-Chloroethyl)ether
Concen: 45.706 ng
RT: 7.677 min Scan# 748
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

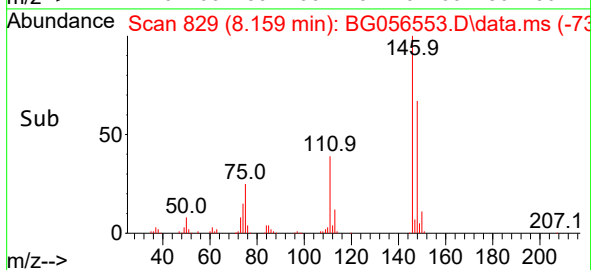
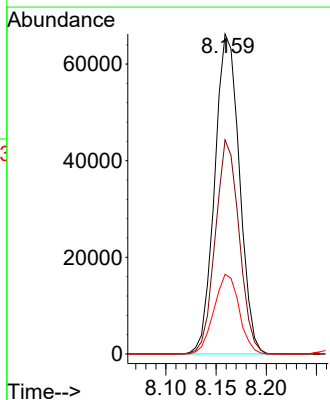
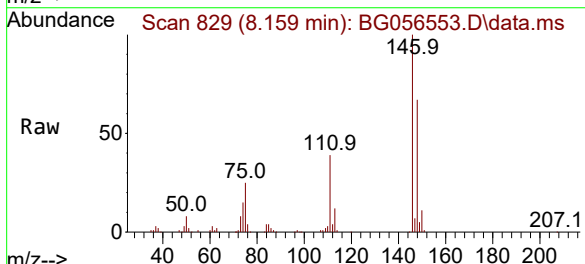
Instrument :
BNA_G
ClientSampleId :
PB150681BS

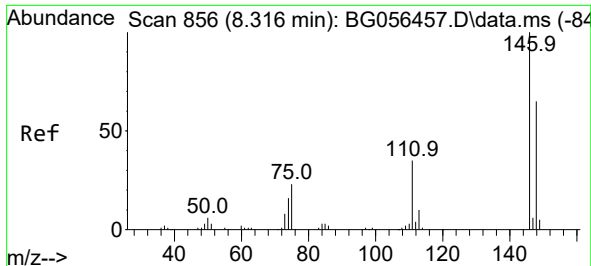
Tgt Ion: 93 Resp: 94394
Ion Ratio Lower Upper
93 100
63 51.6 32.4 72.4
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.900 ng
RT: 8.159 min Scan# 829
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion: 146 Resp: 113309
Ion Ratio Lower Upper
146 100
148 66.9 50.6 75.8
75 24.9 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 45.875 ng

RT: 8.312 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

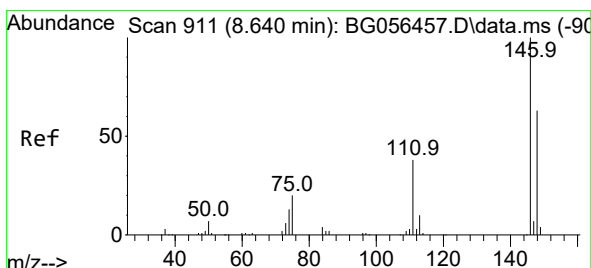
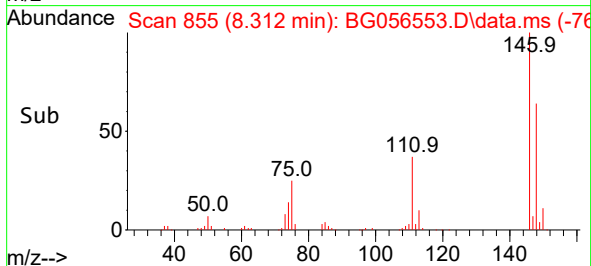
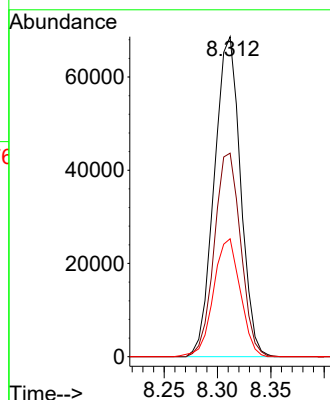
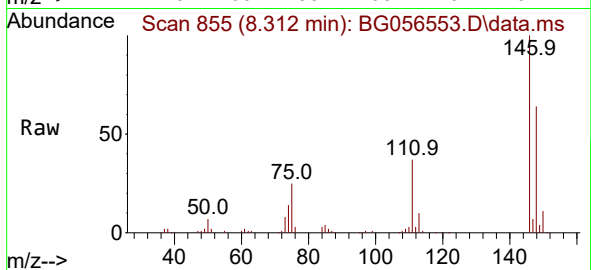
Tgt Ion:146 Resp: 117241

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

111 36.9 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 46.856 ng

RT: 8.635 min Scan# 910

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

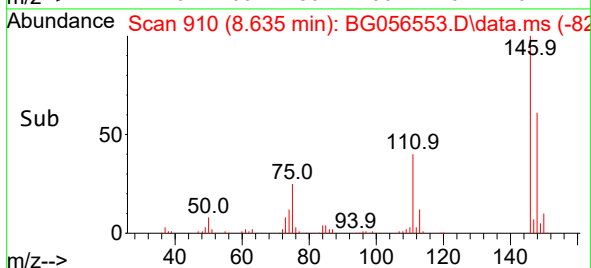
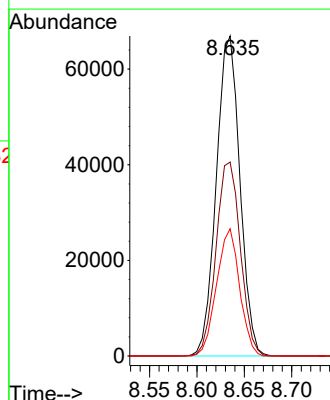
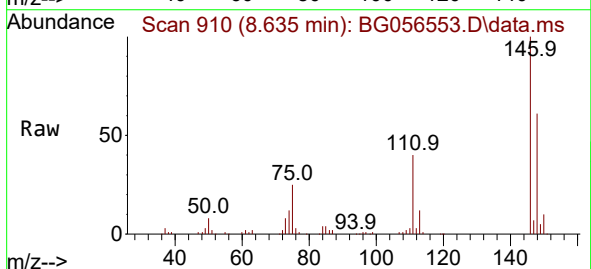
Tgt Ion:146 Resp: 116184

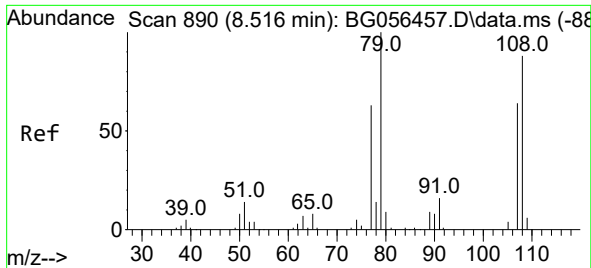
Ion Ratio Lower Upper

146 100

148 60.6 50.1 75.1

111 39.7 30.9 46.3

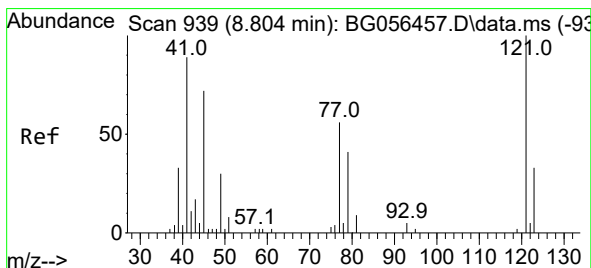
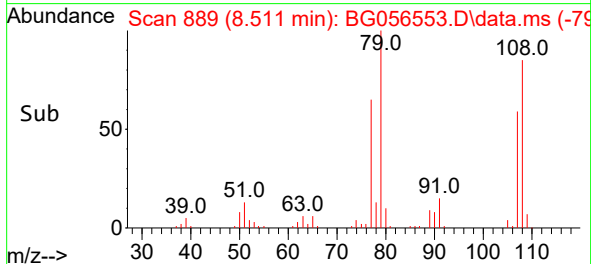
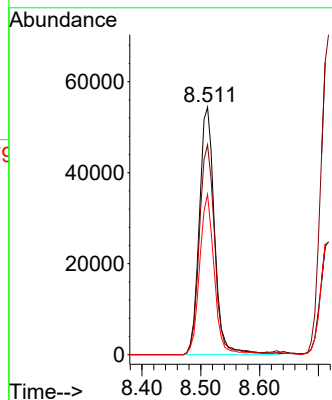
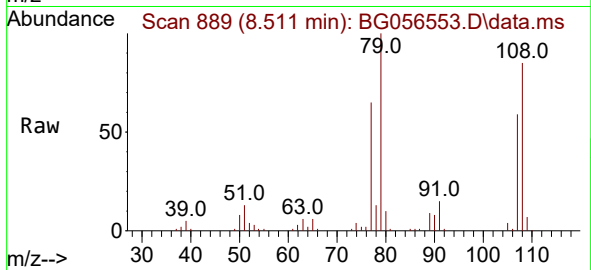




#15
Benzyl Alcohol
Concen: 48.285 ng
RT: 8.511 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

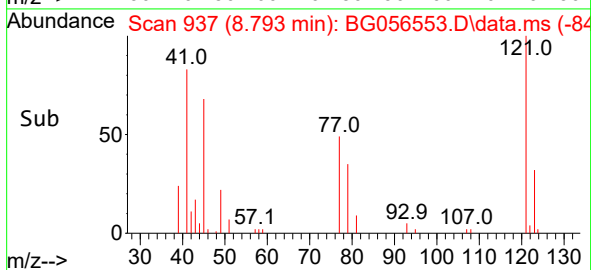
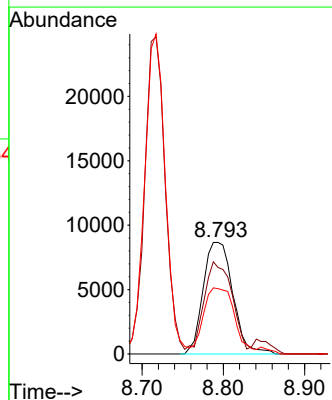
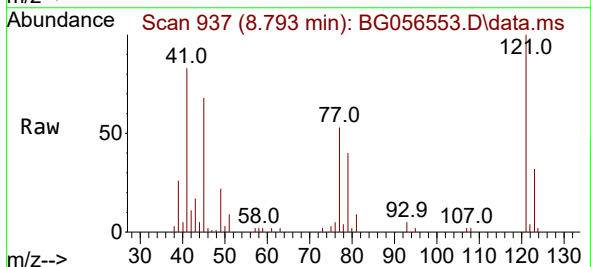
Instrument :
BNA_G
ClientSampleId :
PB150681BS

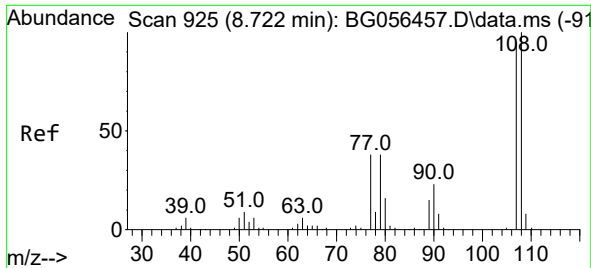
Tgt Ion: 79 Resp: 97934
Ion Ratio Lower Upper
79 100
108 84.8 70.1 105.1
77 64.8 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 50.198 ng
RT: 8.793 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion: 45 Resp: 21966
Ion Ratio Lower Upper
45 100
77 77.4 62.1 102.1
79 58.5 42.7 82.7

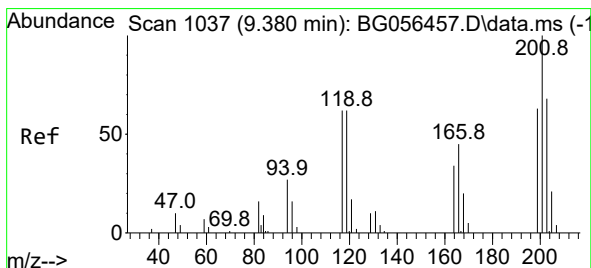
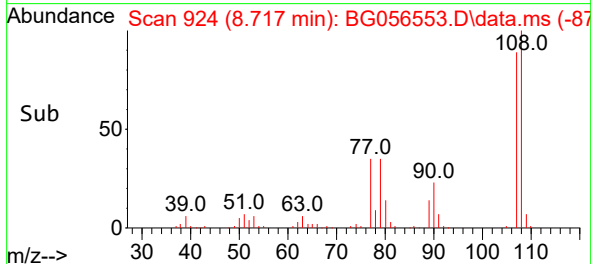
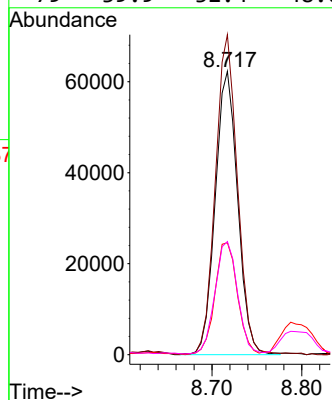
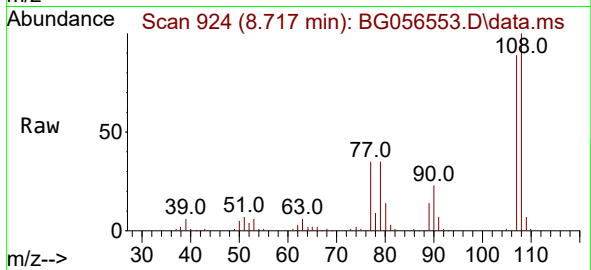




#17
2-Methylphenol
Concen: 47.290 ng
RT: 8.717 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

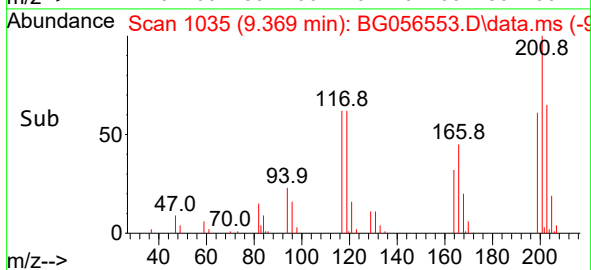
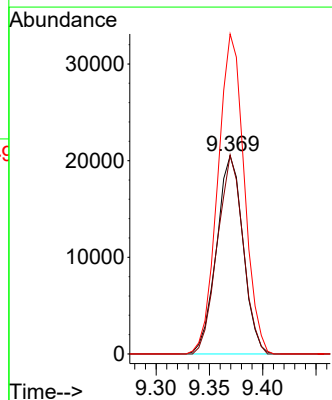
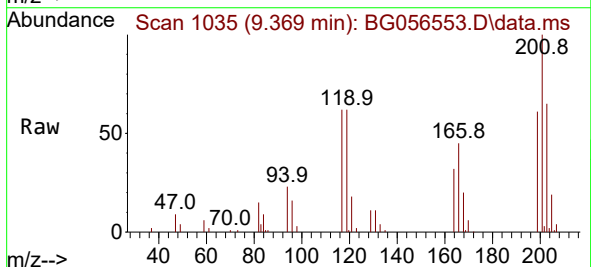
Instrument :
BNA_G
ClientSampleId :
PB150681BS

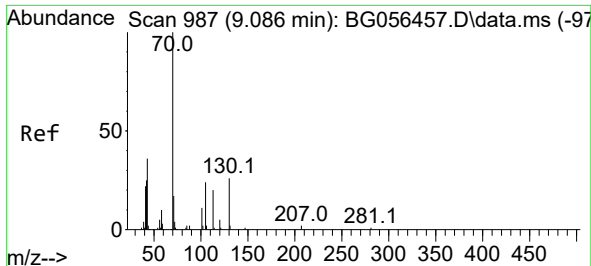
Tgt Ion:	107	Resp:	108096
Ion	Ratio	Lower	Upper
107	100		
108	112.9	83.9	125.9
77	39.5	31.6	47.4
79	39.9	32.4	48.6



#18
Hexachloroethane
Concen: 45.809 ng
RT: 9.369 min Scan# 1035
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:	117	Resp:	35409
Ion	Ratio	Lower	Upper
117	100		
119	101.6	79.4	119.0
201	166.0	128.5	192.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.987 ng

RT: 9.081 min Scan# 9

Delta R.T. 0.007 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

Tgt Ion: 70 Resp: 73233

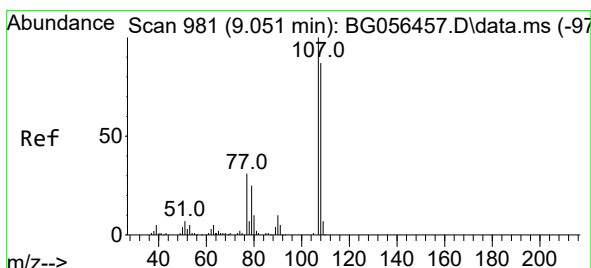
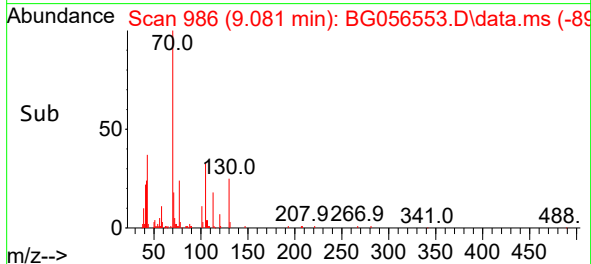
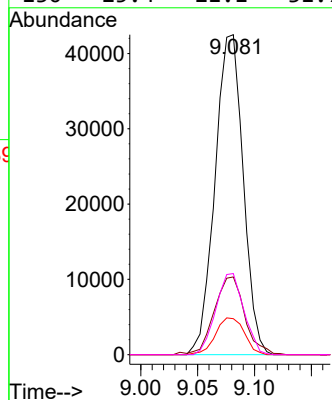
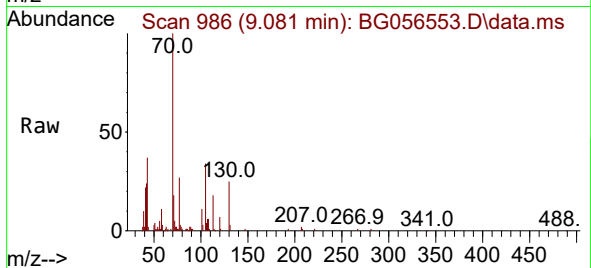
Ion Ratio Lower Upper

70 100

42 24.3 20.2 30.4

101 11.3 9.1 13.7

130 25.4 21.1 31.7



#20

3+4-Methylphenols

Concen: 46.871 ng

RT: 9.046 min Scan# 980

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Tgt Ion:107 Resp: 150144

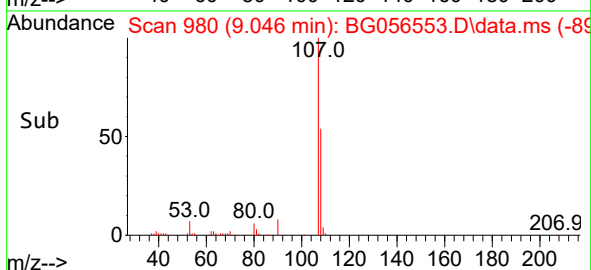
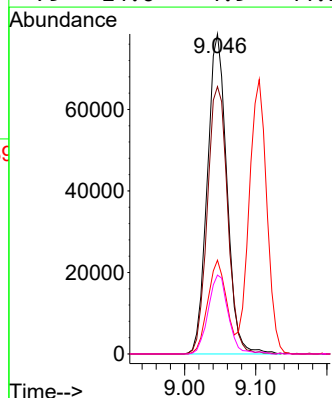
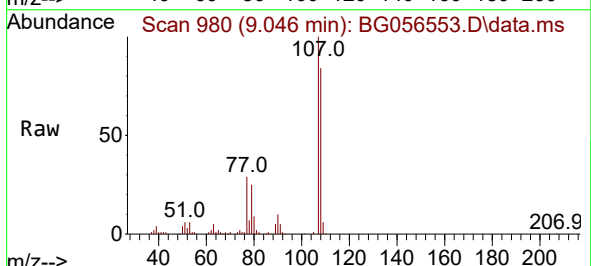
Ion Ratio Lower Upper

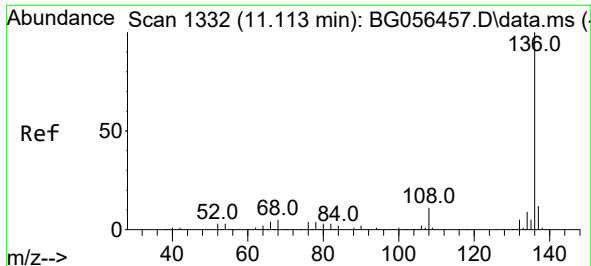
107 100

108 83.5 66.7 106.7

77 29.3 10.6 50.6

79 24.6 4.9 44.9

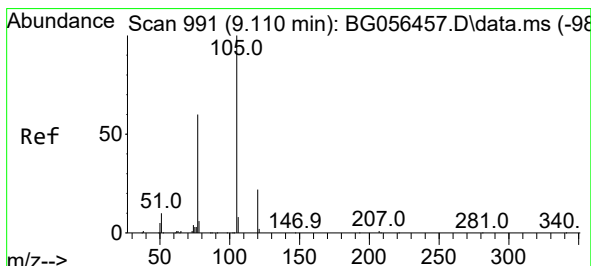
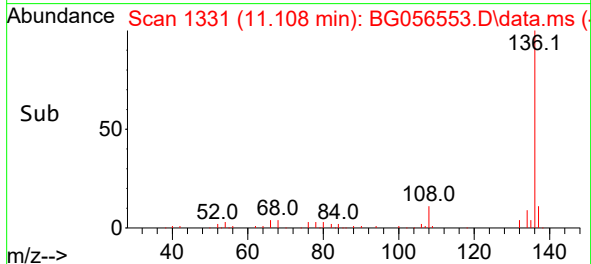
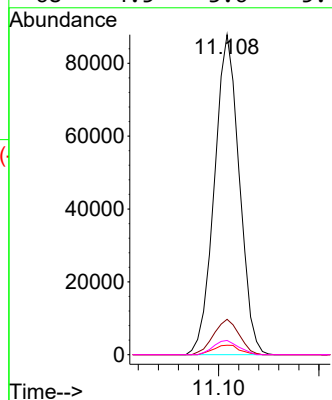
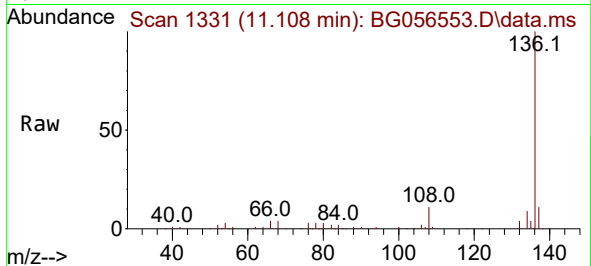




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

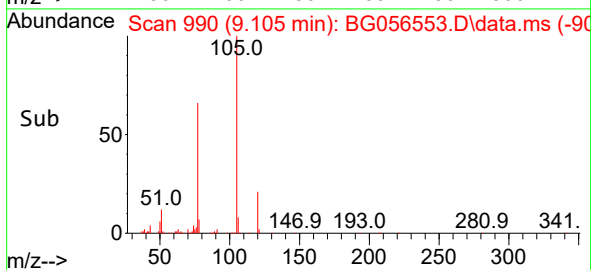
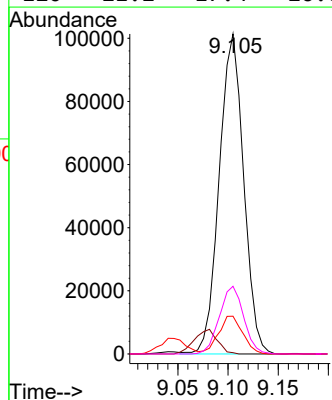
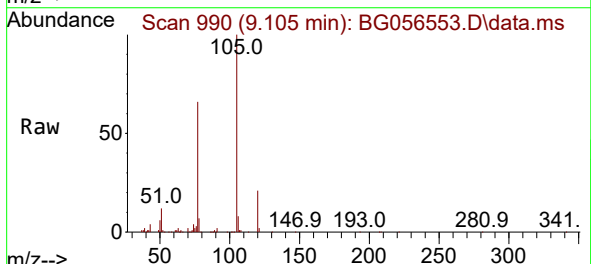
Instrument :
BNA_G
ClientSampleId :
PB150681BS

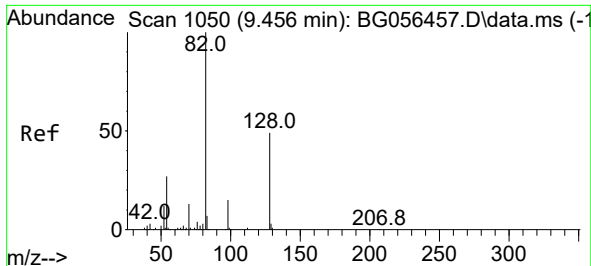
Tgt Ion:136 Resp: 151161
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 3.0 2.2 3.4
68 4.5 3.6 5.4



#22
Acetophenone
Concen: 42.629 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:105 Resp: 171212
Ion Ratio Lower Upper
105 100
71 0.4 0.6 0.8#
51 11.8 9.2 13.8
120 21.2 17.4 26.0

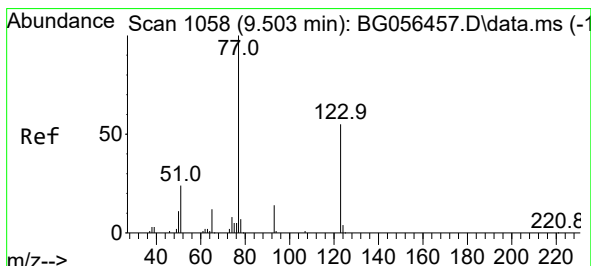
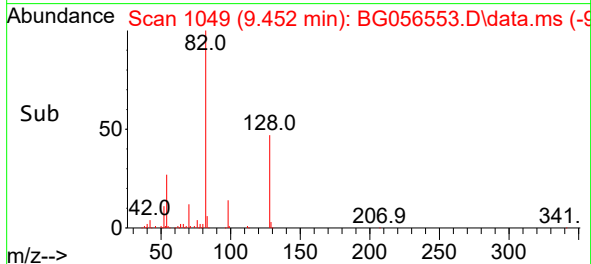
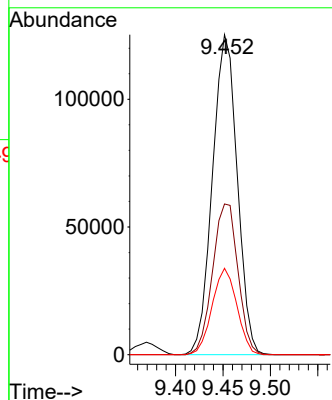
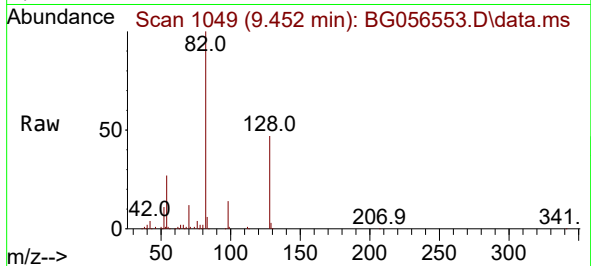




#23
Nitrobenzene-d5
Concen: 85.559 ng
RT: 9.452 min Scan# 1049
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

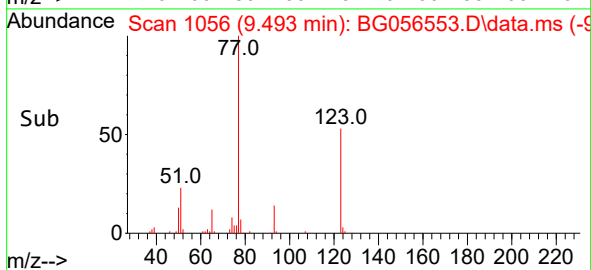
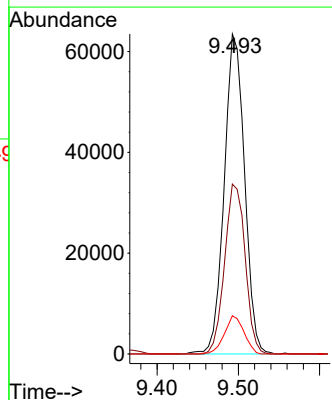
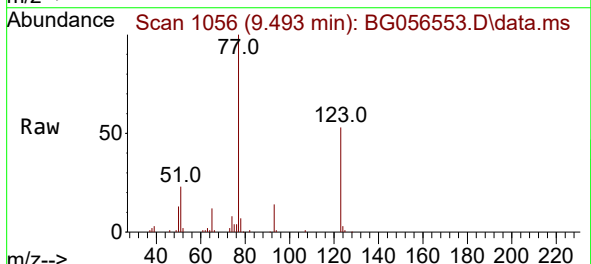
Instrument :
BNA_G
ClientSampleId :
PB150681BS

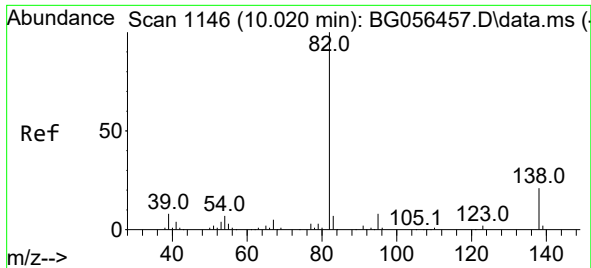
Tgt Ion: 82 Resp: 227757
Ion Ratio Lower Upper
82 100
128 47.1 39.4 59.2
54 27.0 21.4 32.2



#24
Nitrobenzene
Concen: 43.038 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion: 77 Resp: 110508
Ion Ratio Lower Upper
77 100
123 53.1 44.0 66.0
65 12.0 9.7 14.5

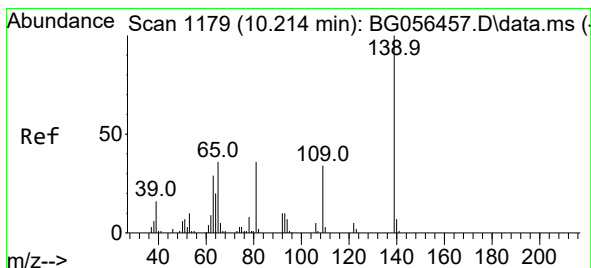
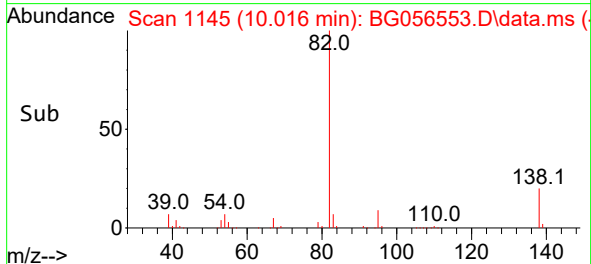
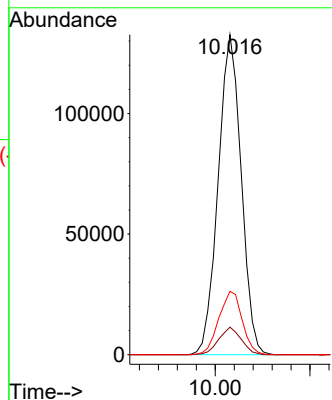
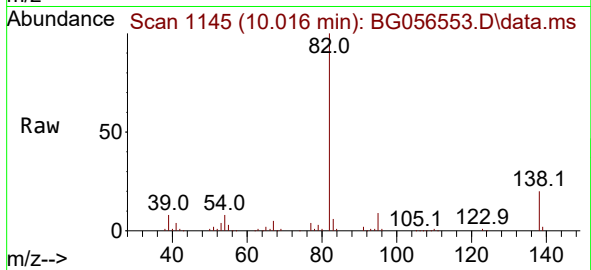




#25
Isophorone
Concen: 40.807 ng
RT: 10.016 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

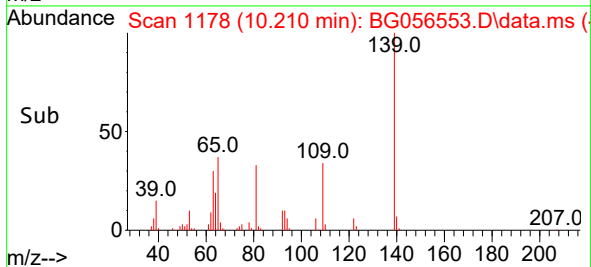
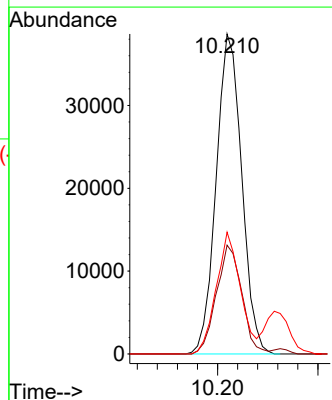
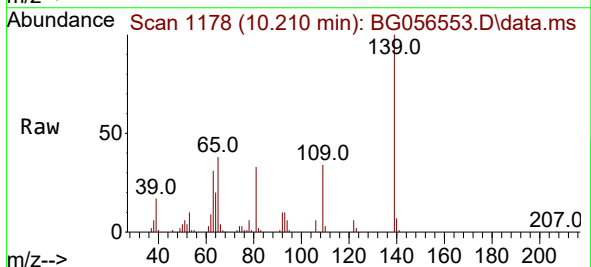
Instrument :
BNA_G
ClientSampleId :
PB150681BS

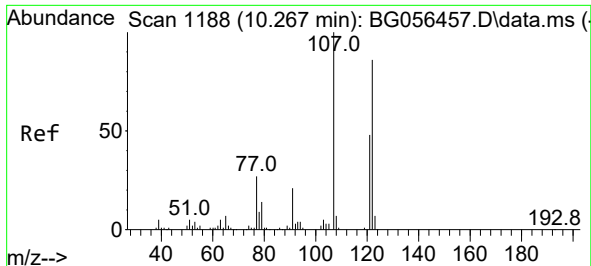
Tgt Ion: 82 Resp: 224102
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 19.8 16.6 25.0



#26
2-Nitrophenol
Concen: 43.709 ng
RT: 10.210 min Scan# 1178
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:139 Resp: 68094
Ion Ratio Lower Upper
139 100
109 34.0 26.9 40.3
65 38.1 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 45.962 ng

RT: 10.257 min Scan# 1186

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

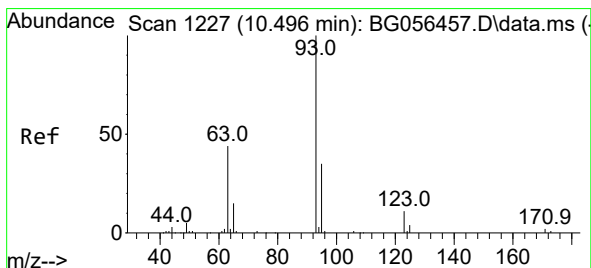
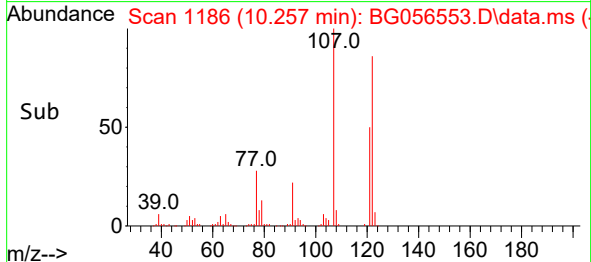
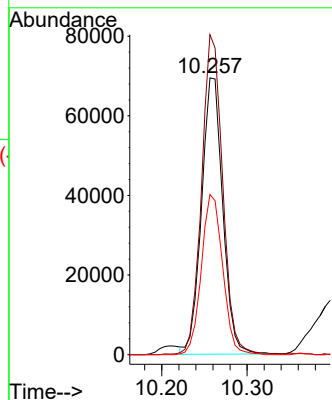
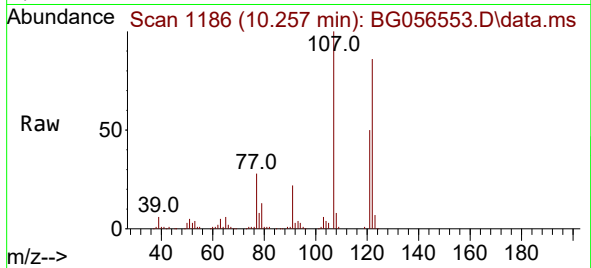
Tgt Ion:122 Resp: 119834

Ion Ratio Lower Upper

122 100

107 115.6 92.9 139.3

121 57.8 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.539 ng

RT: 10.492 min Scan# 1226

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

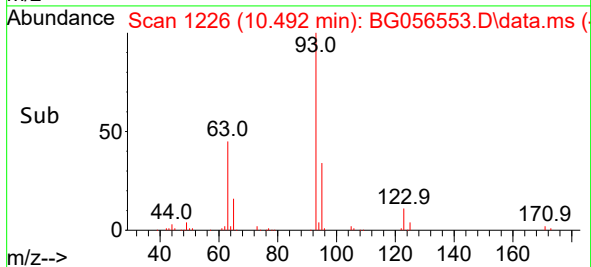
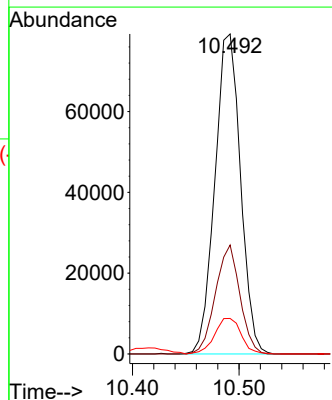
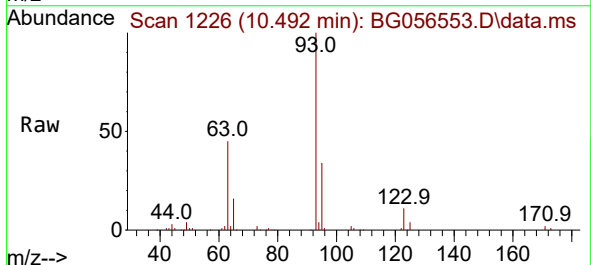
Tgt Ion: 93 Resp: 132088

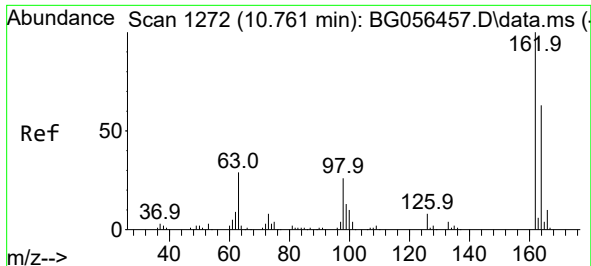
Ion Ratio Lower Upper

93 100

95 34.0 27.9 41.9

123 11.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.128 ng

RT: 10.750 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

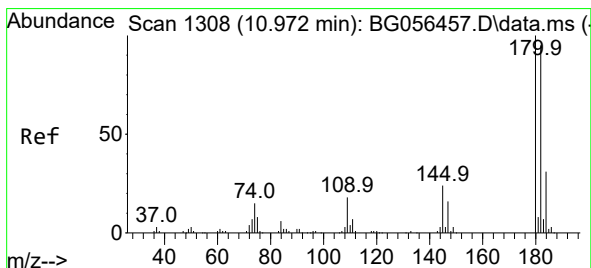
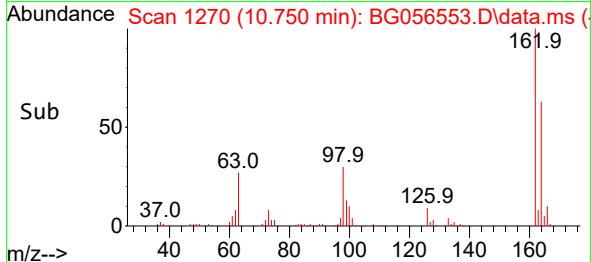
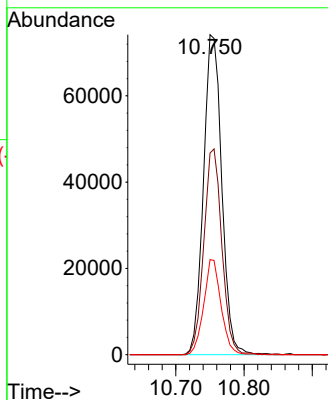
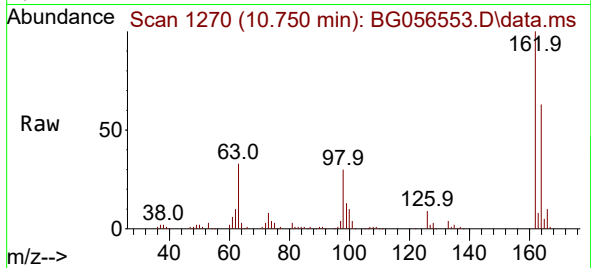
Tgt Ion:162 Resp: 138311

Ion Ratio Lower Upper

162 100

164 63.0 42.8 82.8

98 29.7 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 43.518 ng

RT: 10.967 min Scan# 1307

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

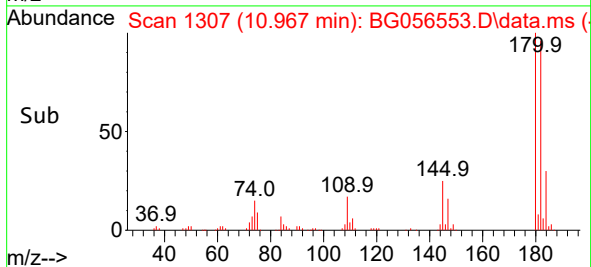
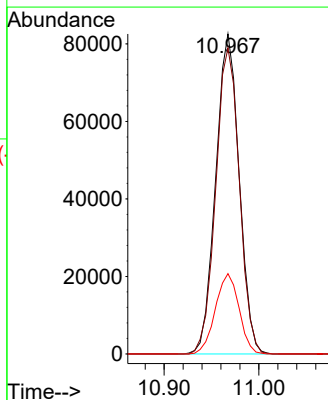
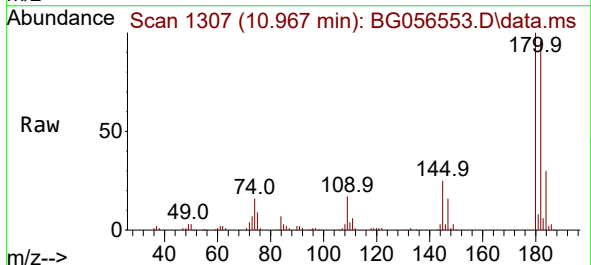
Tgt Ion:180 Resp: 141924

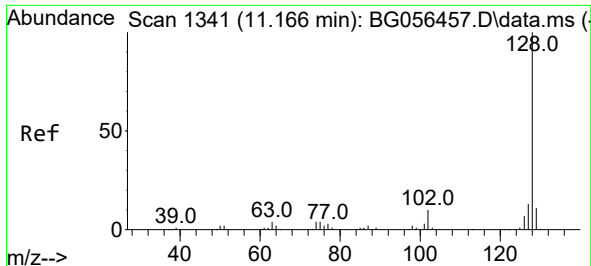
Ion Ratio Lower Upper

180 100

182 95.6 75.9 113.9

145 25.1 19.4 29.0

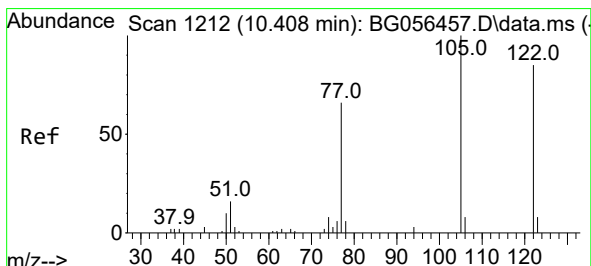
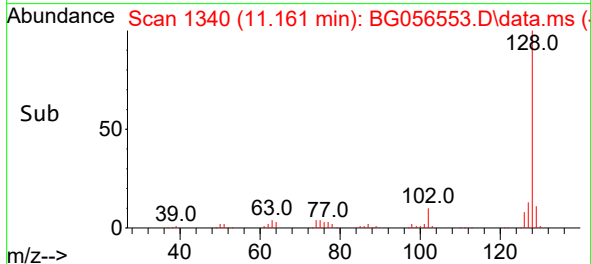
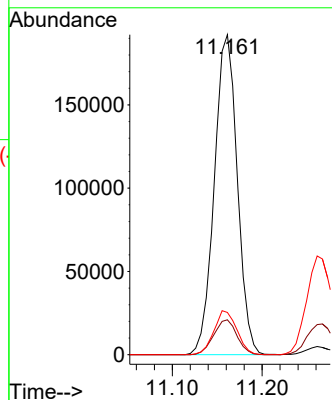
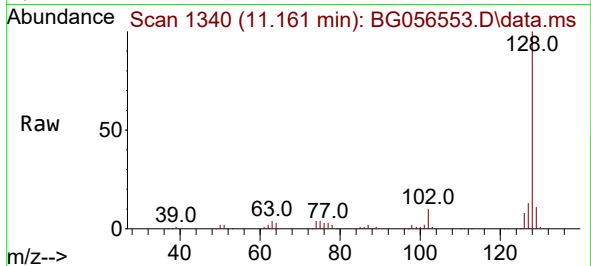




#31
Naphthalene
Concen: 42.709 ng
RT: 11.161 min Scan# 11161
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

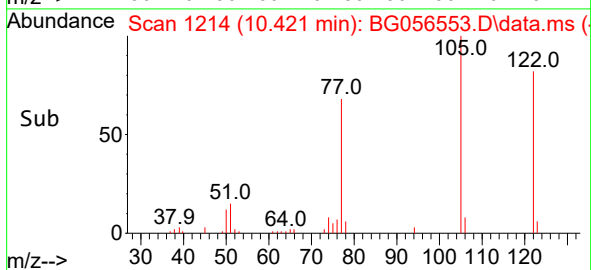
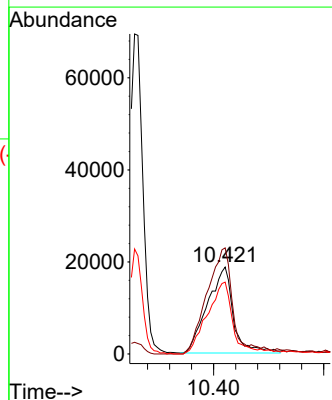
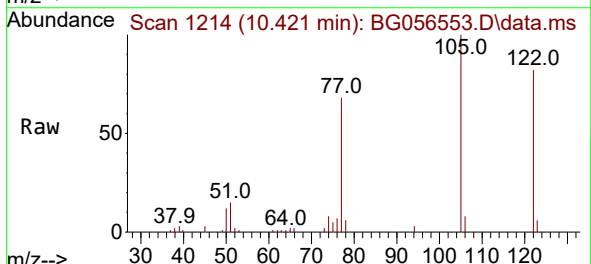
Instrument :
BNA_G
ClientSampleId :
PB150681BS

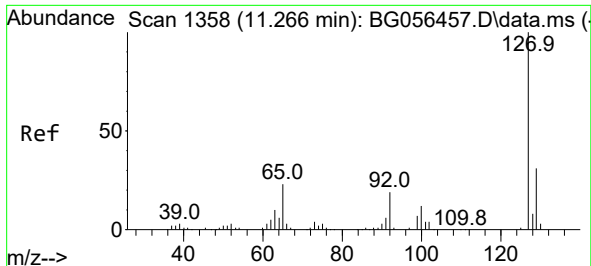
Tgt Ion:128 Resp: 340747
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 41.656 ng
RT: 10.421 min Scan# 1214
Delta R.T. 0.013 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:122 Resp: 60763
Ion Ratio Lower Upper
122 100
105 122.1 96.5 136.5
77 82.6 57.3 97.3

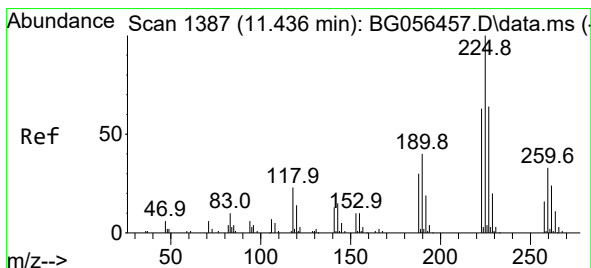
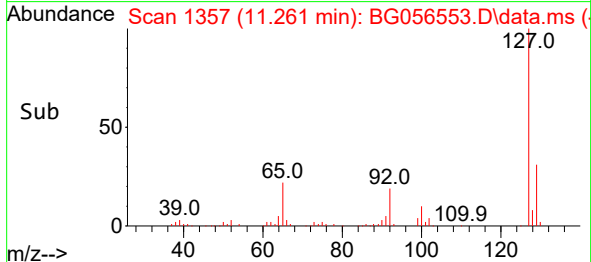
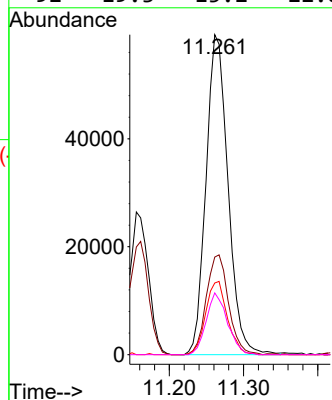
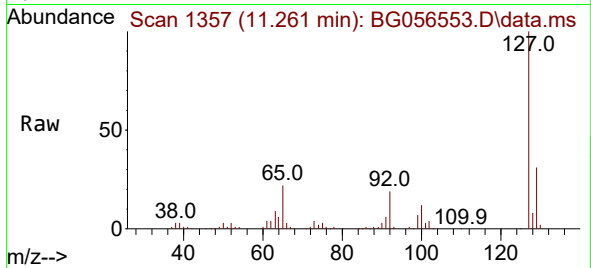




#33
4-Chloroaniline
Concen: 32.857 ng
RT: 11.261 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

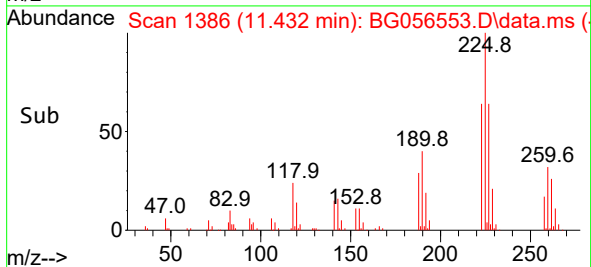
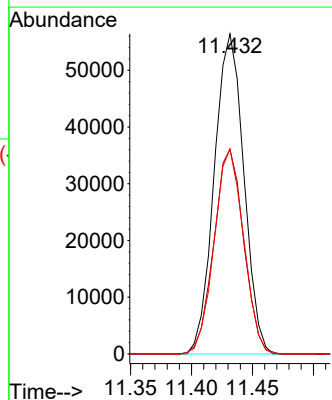
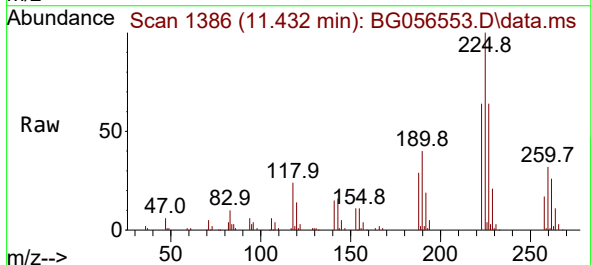
Instrument :
BNA_G
ClientSampleId :
PB150681BS

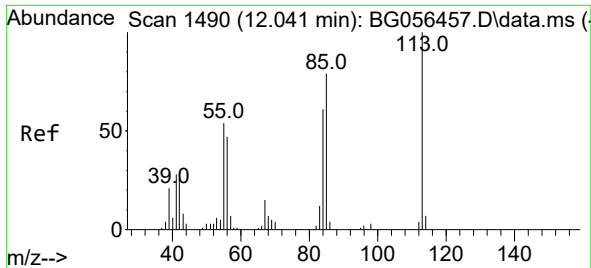
Tgt Ion:	127	Resp:	122365
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.0	37.6
65	22.4	18.5	27.7
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.529 ng
RT: 11.432 min Scan# 1386
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:	225	Resp:	95068
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	75.8
227	64.0	53.7	80.5

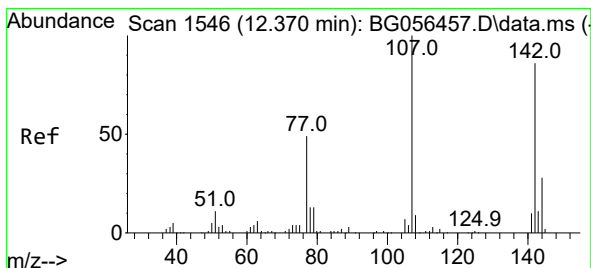
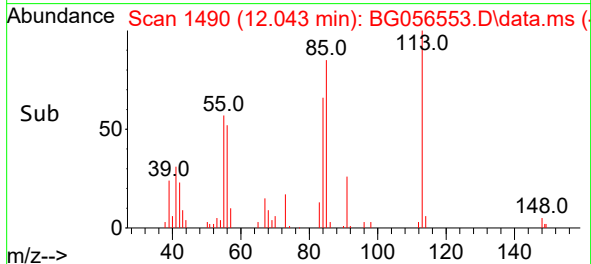
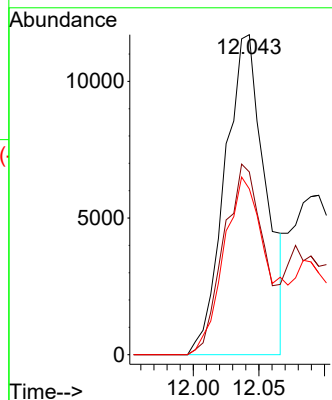
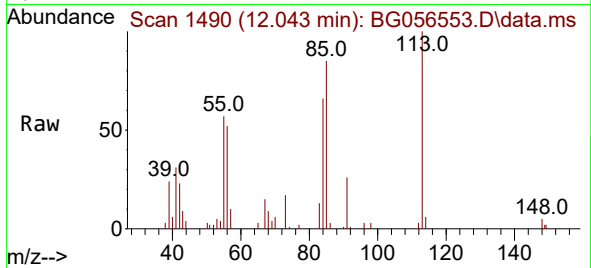




#35
 Caprolactam
 Concen: 25.425 ng
 RT: 12.043 min Scan# 1490
 Delta R.T. 0.001 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

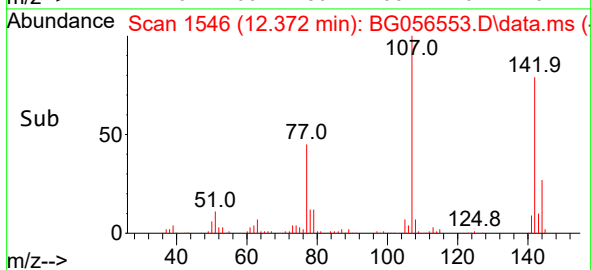
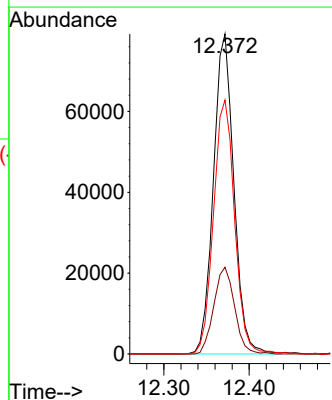
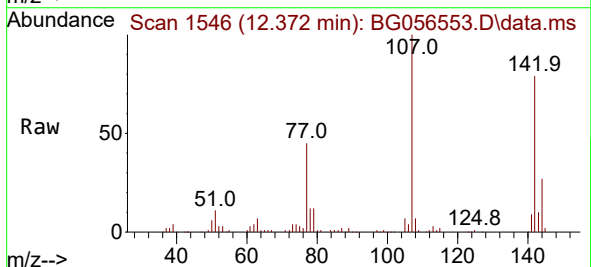
Instrument :
 BNA_G
 ClientSampleId :
 PB150681BS

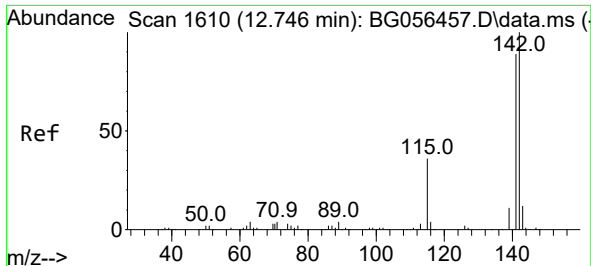
Tgt Ion:113 Resp: 25165
 Ion Ratio Lower Upper
 113 100
 55 57.1 33.7 73.7
 56 51.8 27.1 67.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.582 ng
 RT: 12.372 min Scan# 1546
 Delta R.T. 0.001 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

Tgt Ion:107 Resp: 132022
 Ion Ratio Lower Upper
 107 100
 144 27.1 22.3 33.5
 142 79.3 68.9 103.3





#37

2-Methylnaphthalene

Concen: 41.004 ng

RT: 12.748 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

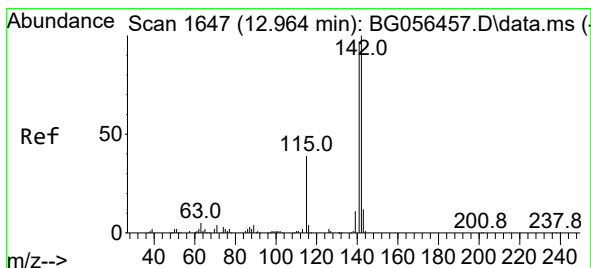
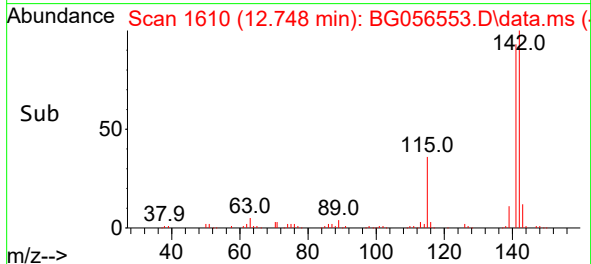
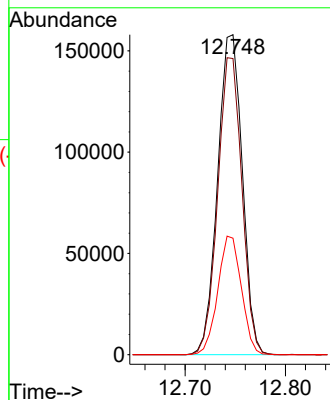
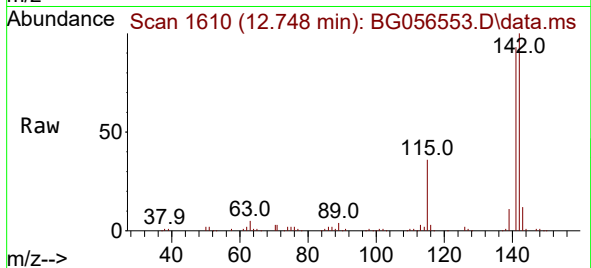
Tgt Ion:142 Resp: 269705

Ion Ratio Lower Upper

142 100

141 92.5 71.4 107.0

115 36.4 28.4 42.6



#38

1-Methylnaphthalene

Concen: 40.866 ng

RT: 12.959 min Scan# 1646

Delta R.T. -0.005 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

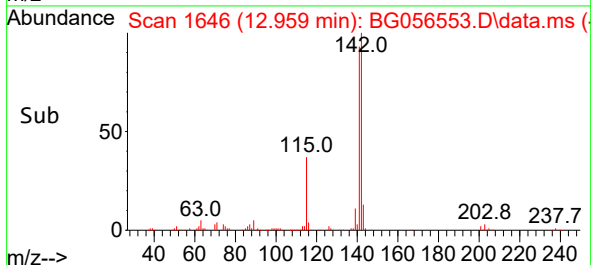
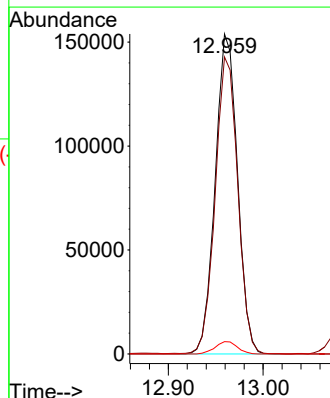
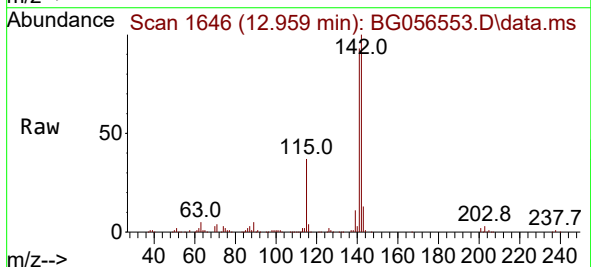
Tgt Ion:142 Resp: 251039

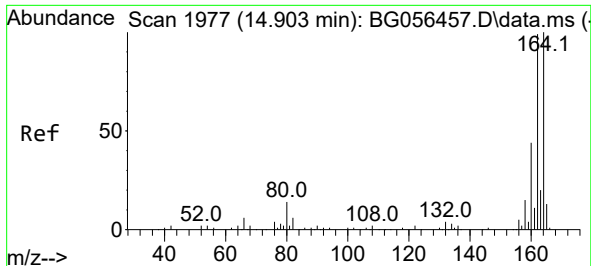
Ion Ratio Lower Upper

142 100

141 92.8 77.7 116.5

116 3.8 3.4 5.2

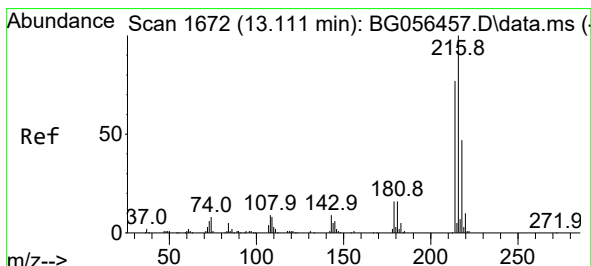
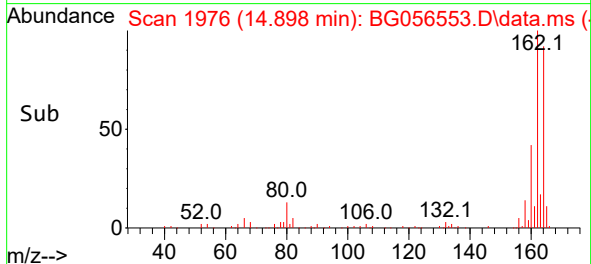
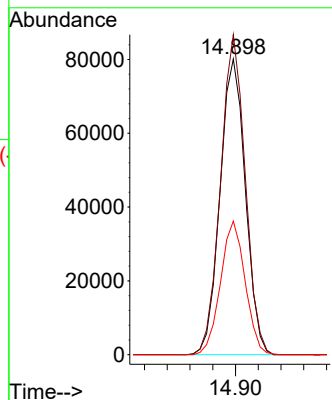
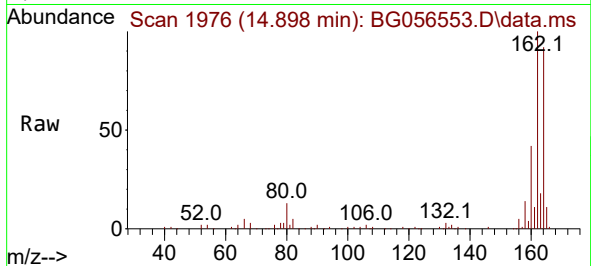




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

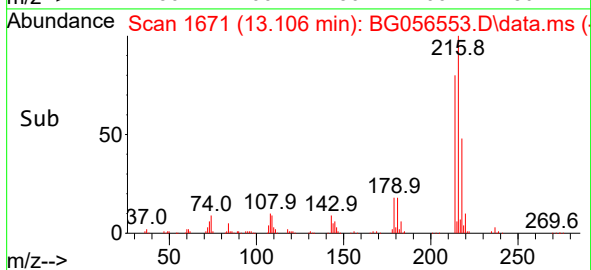
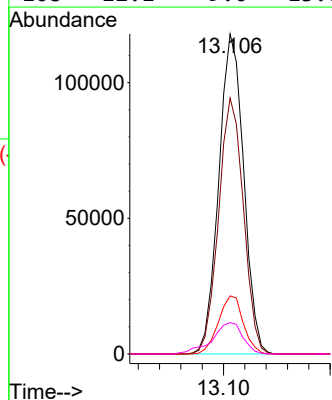
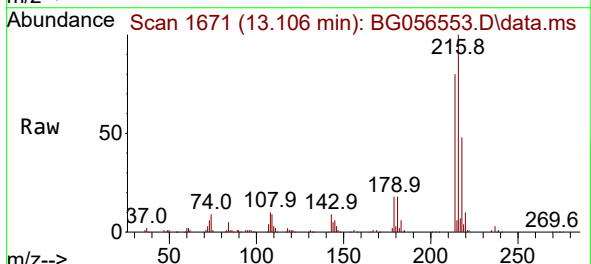
Instrument :
BNA_G
ClientSampleId :
PB150681BS

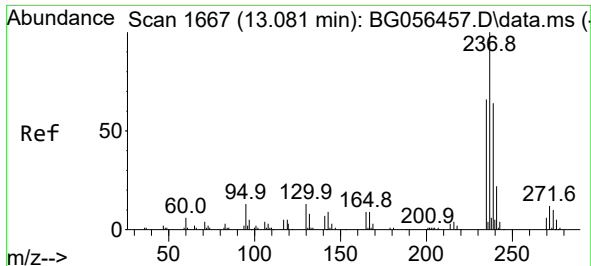
Tgt Ion:164 Resp: 123717
Ion Ratio Lower Upper
164 100
162 108.2 79.6 119.4
160 45.1 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.208 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:216 Resp: 190770
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 18.1 14.1 21.1
108 12.1 9.0 13.6

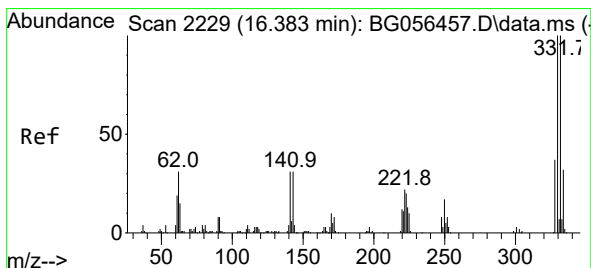
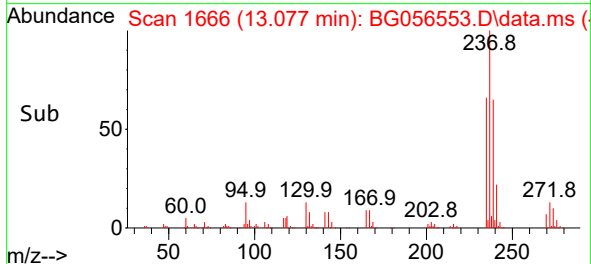
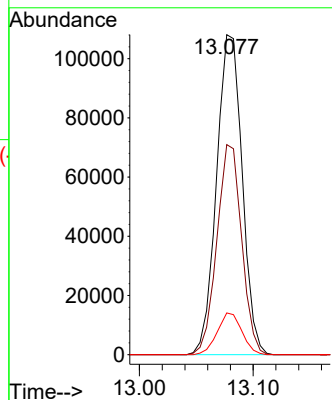
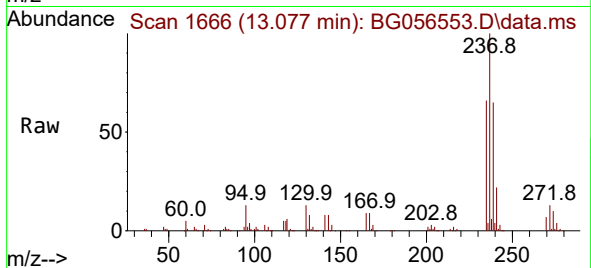




#41
Hexachlorocyclopentadiene
Concen: 71.405 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

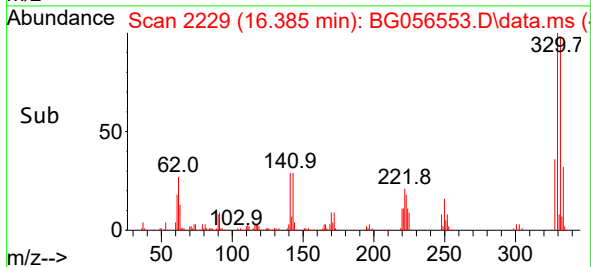
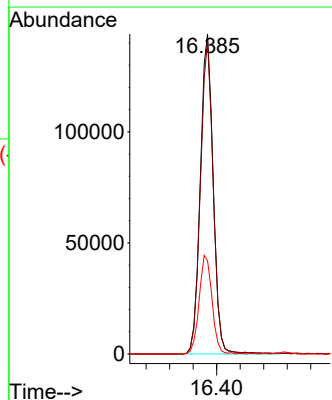
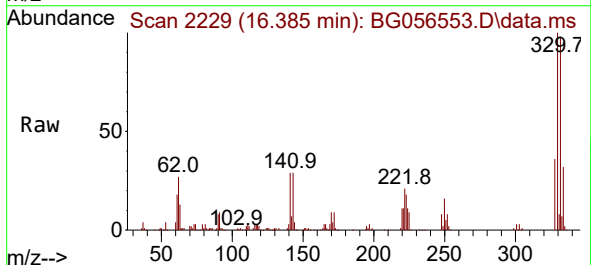
Instrument :
BNA_G
ClientSampleId :
PB150681BS

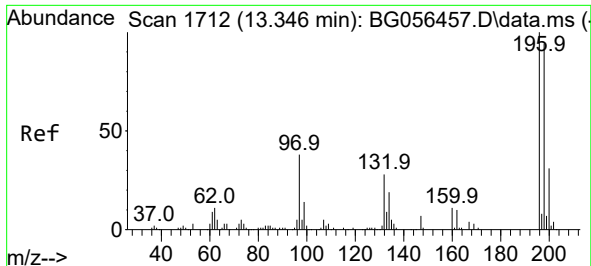
Tgt Ion:237 Resp: 169302
Ion Ratio Lower Upper
237 100
235 65.7 45.6 85.6
272 13.0 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 133.021 ng
RT: 16.385 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:330 Resp: 218786
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.6
141 30.8 24.2 36.4





#43

2,4,6-Trichlorophenol

Concen: 44.628 ng

RT: 13.341 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

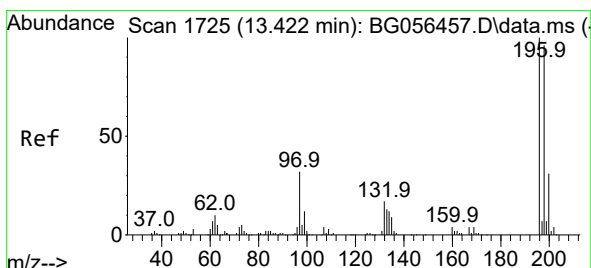
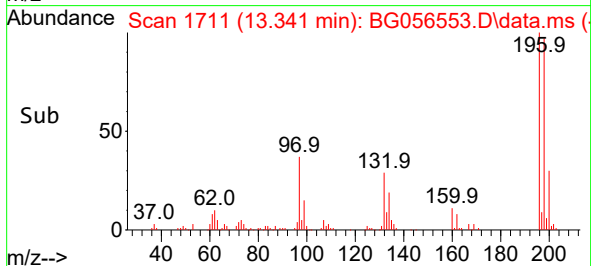
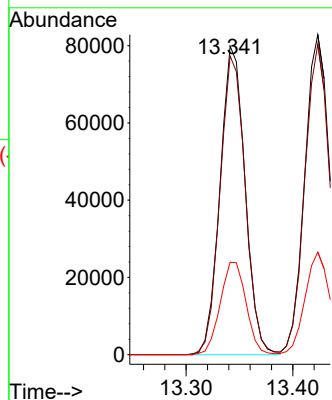
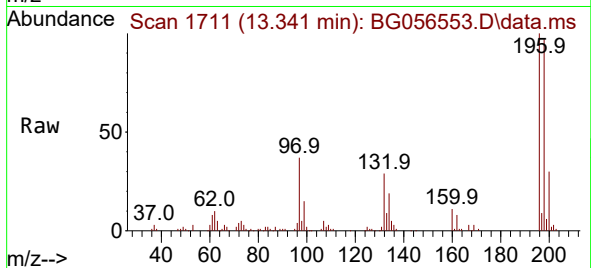
Tgt Ion:196 Resp: 129986

Ion Ratio Lower Upper

196 100

198 96.8 75.4 113.0

200 29.9 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 40.768 ng

RT: 13.423 min Scan# 1725

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Tgt Ion:196 Resp: 139026

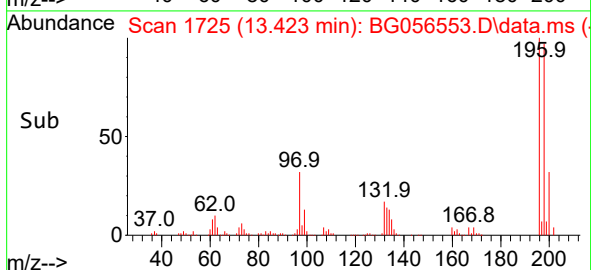
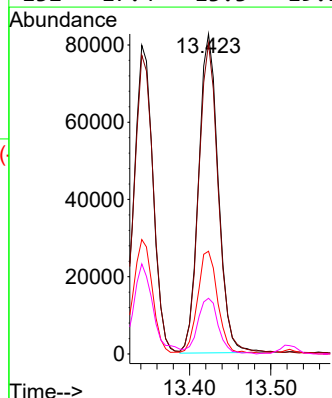
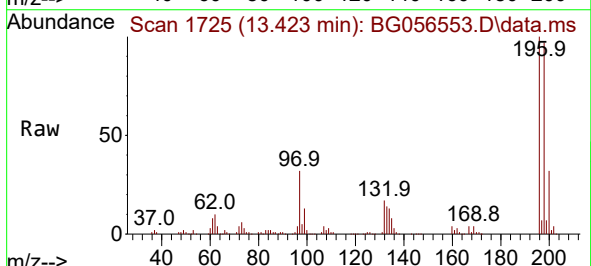
Ion Ratio Lower Upper

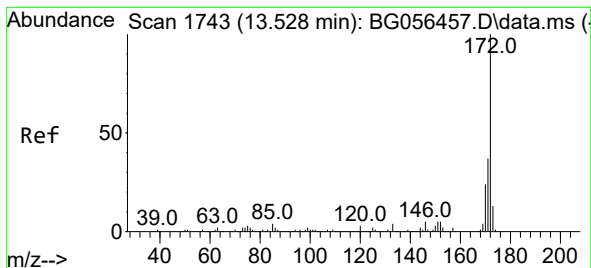
196 100

198 97.1 76.9 115.3

97 32.1 25.8 38.6

132 17.4 13.3 19.9





#45

2-Fluorobiphenyl

Concen: 84.507 ng

RT: 13.523 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

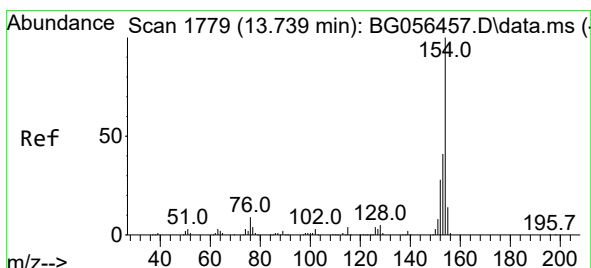
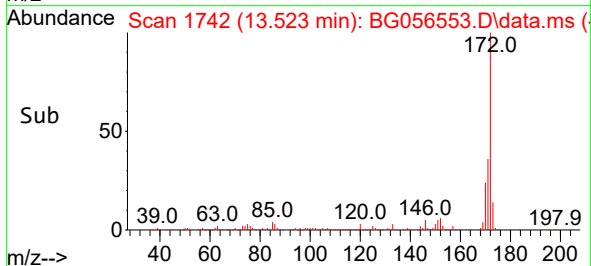
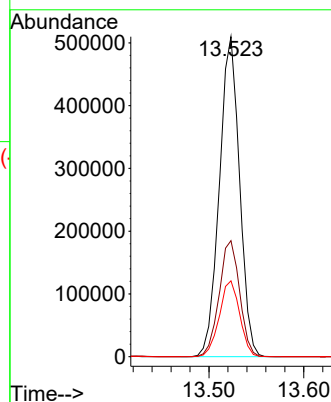
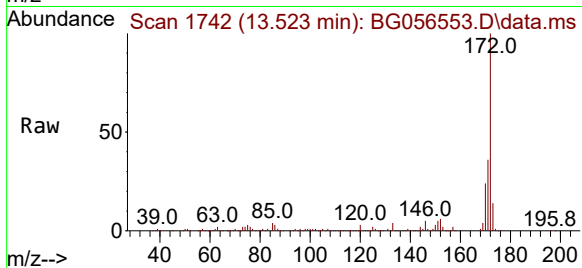
Tgt Ion:172 Resp: 754097

Ion Ratio Lower Upper

172 100

171 36.3 29.5 44.3

170 23.7 19.2 28.8



#46

1,1'-Biphenyl

Concen: 43.286 ng

RT: 13.735 min Scan# 1778

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

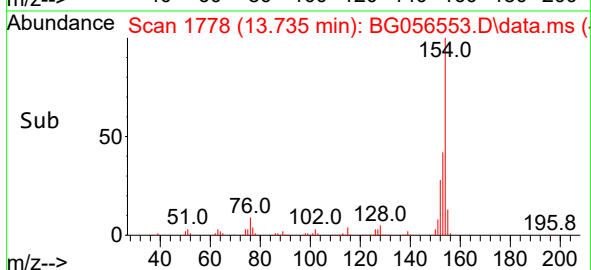
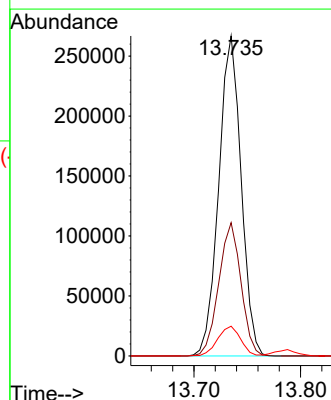
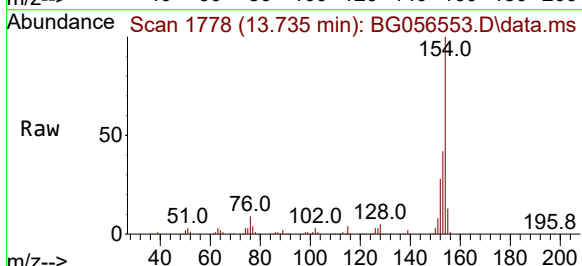
Tgt Ion:154 Resp: 388421

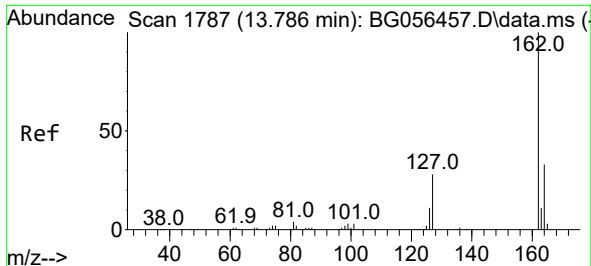
Ion Ratio Lower Upper

154 100

153 41.6 21.5 61.5

76 9.3 0.0 28.8

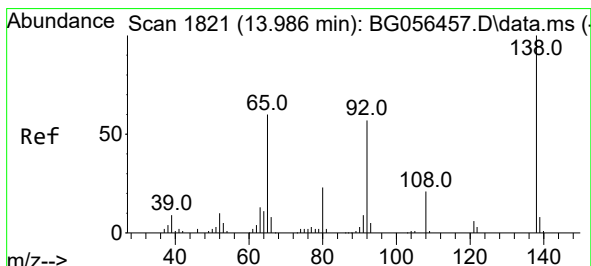
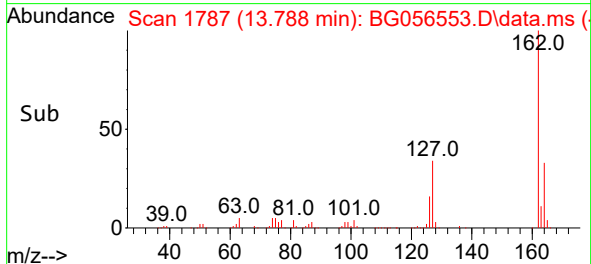
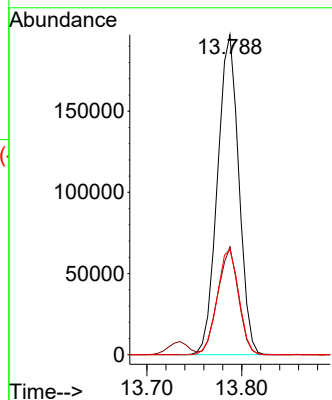
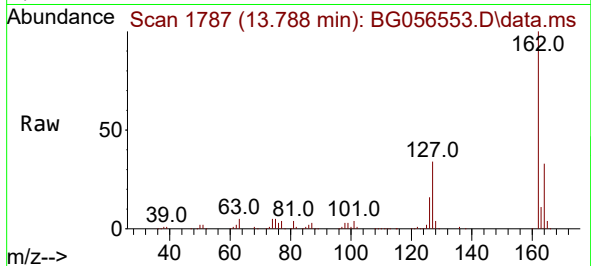




#47
2-Chloronaphthalene
Concen: 43.917 ng
RT: 13.788 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

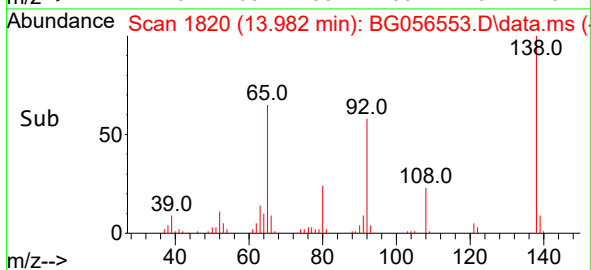
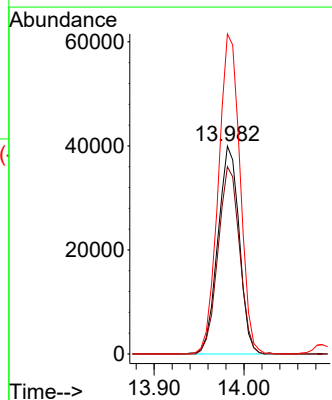
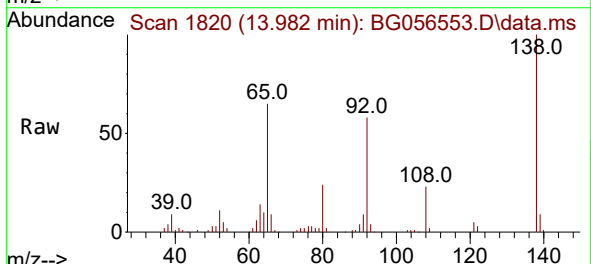
Instrument :
BNA_G
ClientSampleId :
PB150681BS

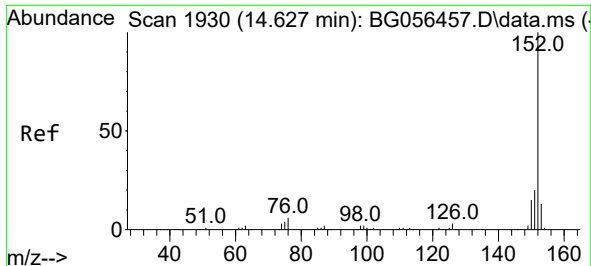
Tgt Ion:162 Resp: 308034
Ion Ratio Lower Upper
162 100
127 33.7 25.2 37.8
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 45.376 ng
RT: 13.982 min Scan# 1820
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion: 65 Resp: 65794
Ion Ratio Lower Upper
65 100
92 90.1 75.8 113.6
138 154.0 133.2 199.8

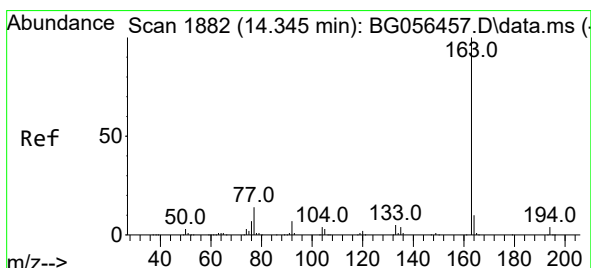
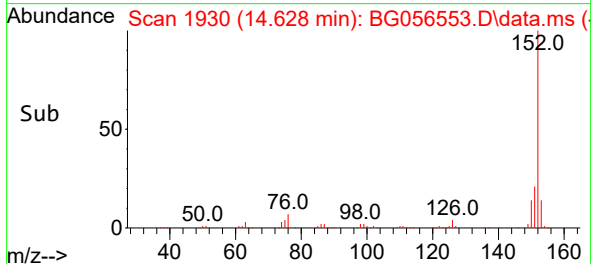
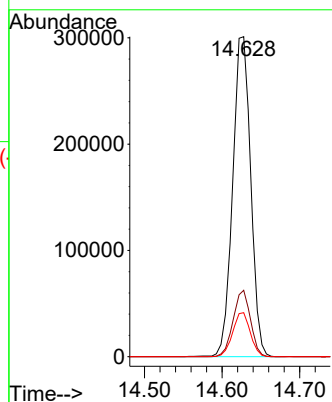
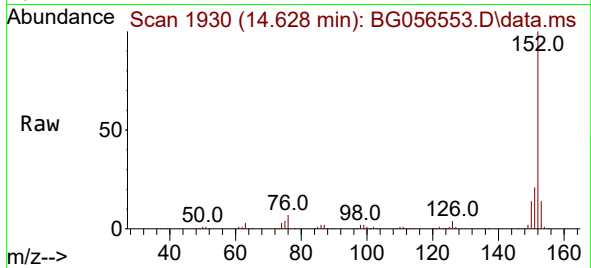




#49
Acenaphthylene
Concen: 42.656 ng
RT: 14.628 min Scan# 1930
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

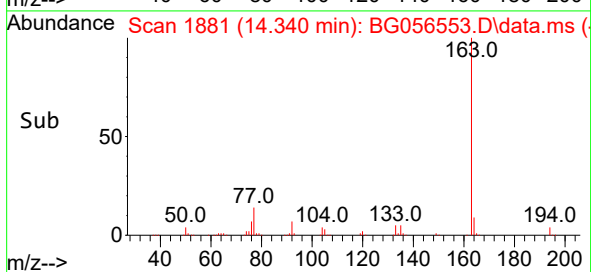
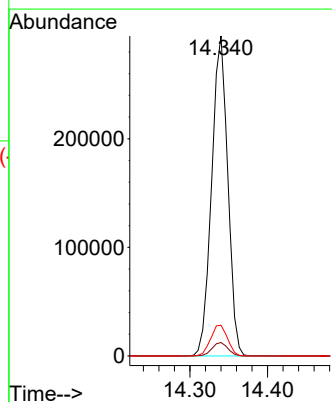
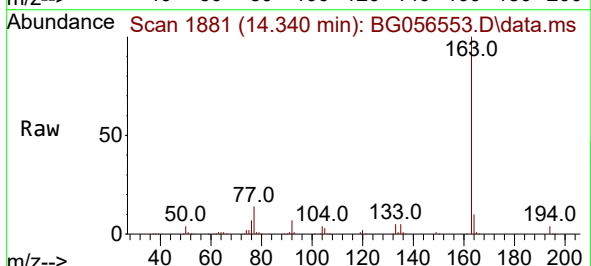
Instrument :
BNA_G
ClientSampleId :
PB150681BS

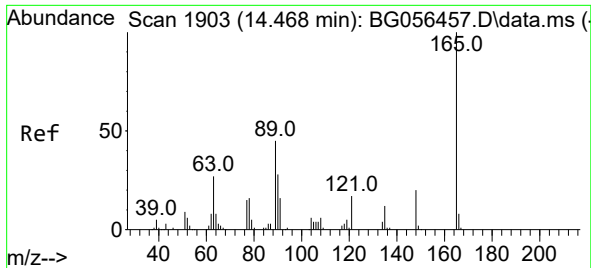
Tgt Ion:152 Resp: 486769
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.8 10.5 15.7



#50
Dimethylphthalate
Concen: 42.479 ng
RT: 14.340 min Scan# 1881
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:163 Resp: 425175
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.6 8.1 12.1

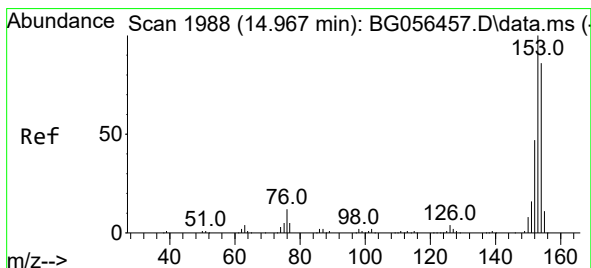
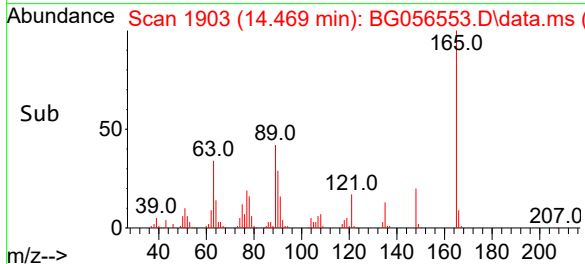
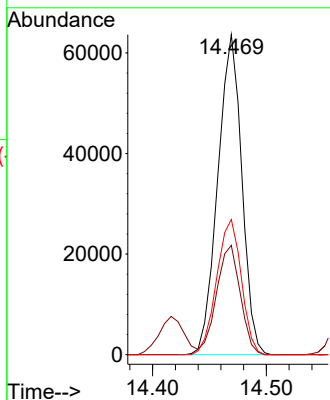
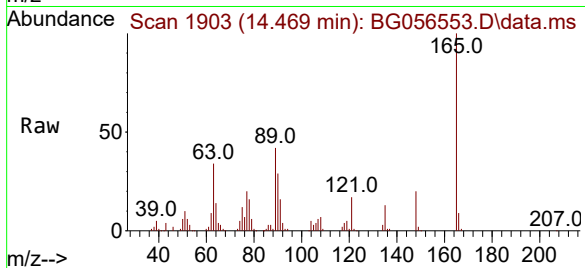




#51
2,6-Dinitrotoluene
Concen: 42.785 ng
RT: 14.469 min Scan# 1903
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

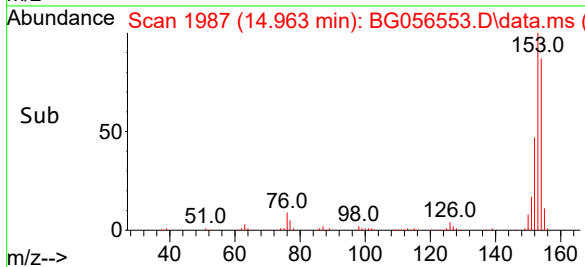
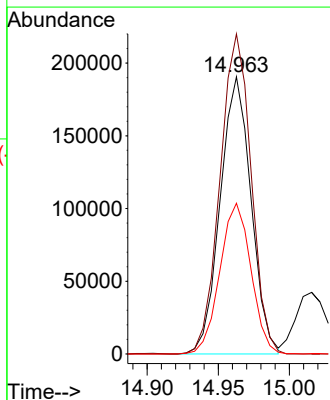
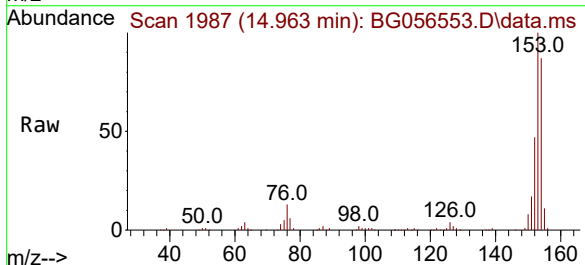
Instrument :
BNA_G
ClientSampleId :
PB150681BS

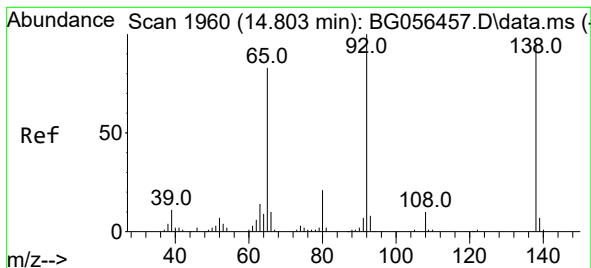
Tgt Ion:165 Resp: 93389
Ion Ratio Lower Upper
165 100
63 34.1 26.9 40.3
89 42.3 35.6 53.4



#52
Acenaphthene
Concen: 42.560 ng
RT: 14.963 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:154 Resp: 288013
Ion Ratio Lower Upper
154 100
153 115.4 93.4 140.0
152 54.4 43.4 65.2

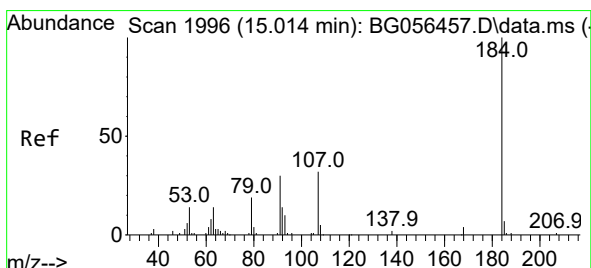
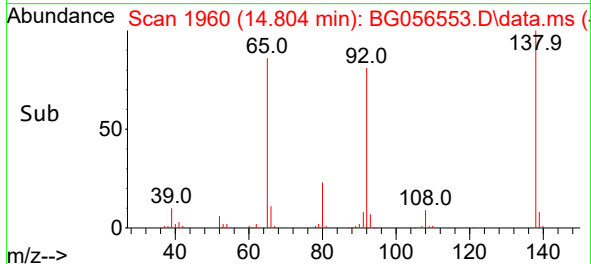
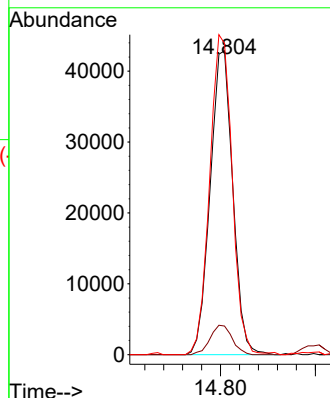
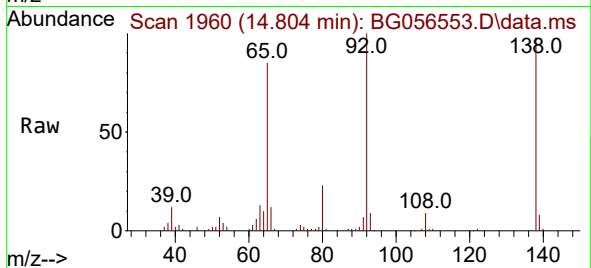




#53
3-Nitroaniline
Concen: 33.563 ng
RT: 14.804 min Scan# 1960
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

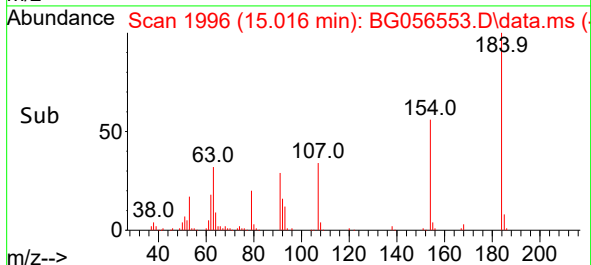
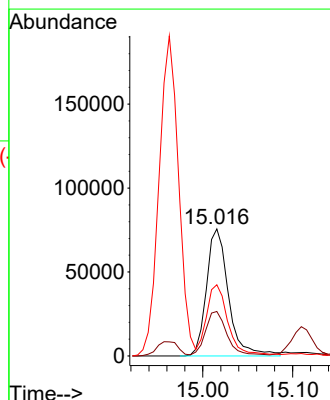
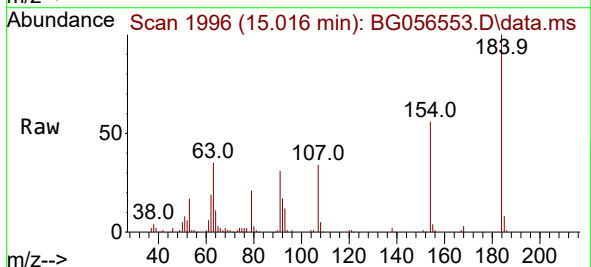
Instrument :
BNA_G
ClientSampleId :
PB150681BS

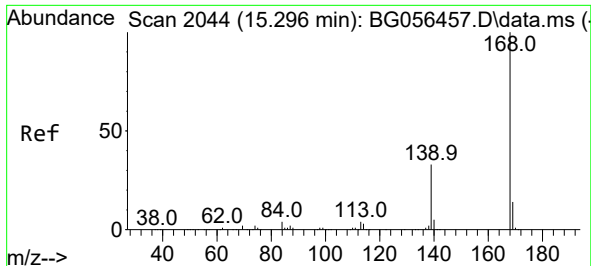
Tgt Ion:138 Resp: 71022
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 102.4 84.1 126.1



#54
2,4-Dinitrophenol
Concen: 94.128 ng
RT: 15.016 min Scan# 1996
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:184 Resp: 128805
Ion Ratio Lower Upper
184 100
63 35.0 25.1 37.7
154 56.0 44.8 67.2

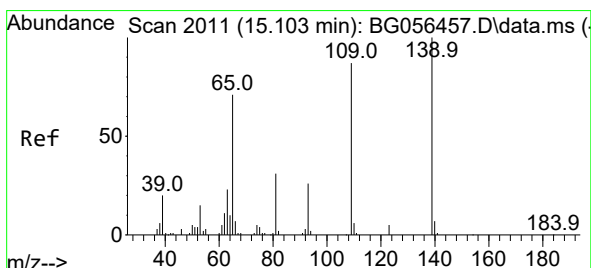
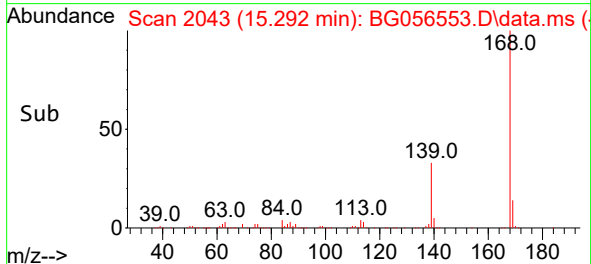
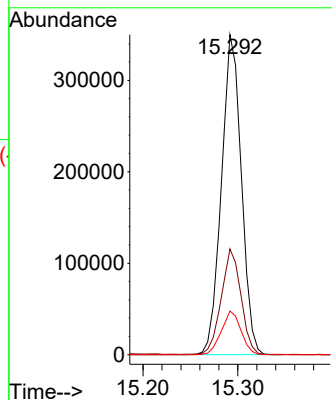
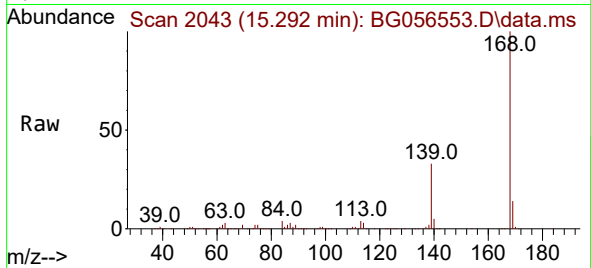




#55
Dibenzofuran
Concen: 42.086 ng
RT: 15.292 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

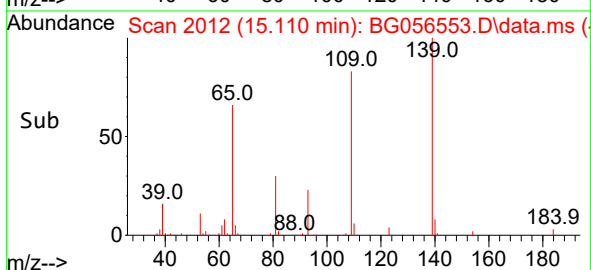
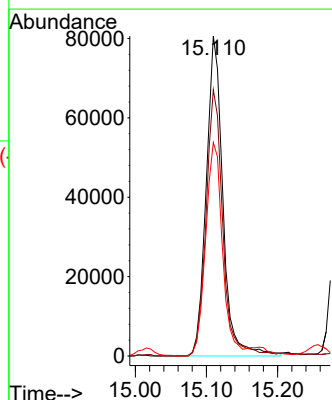
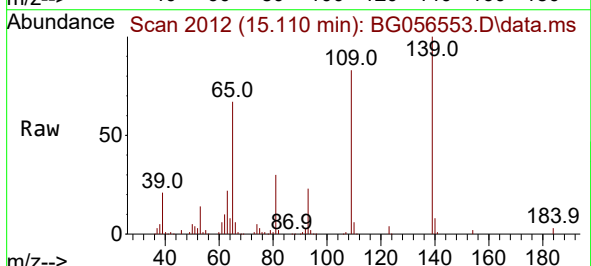
Instrument :
BNA_G
ClientSampleId :
PB150681BS

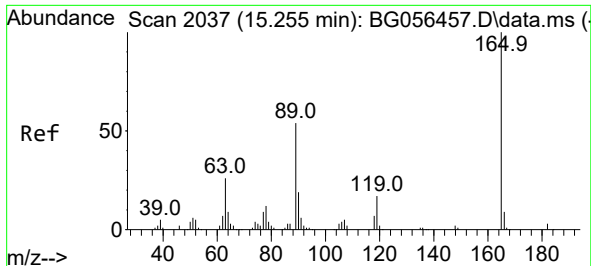
Tgt Ion:168 Resp: 510768
Ion Ratio Lower Upper
168 100
139 33.0 26.2 39.2
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 90.954 ng
RT: 15.110 min Scan# 2012
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:139 Resp: 131514
Ion Ratio Lower Upper
139 100
109 83.2 67.5 107.5
65 66.7 50.7 90.7

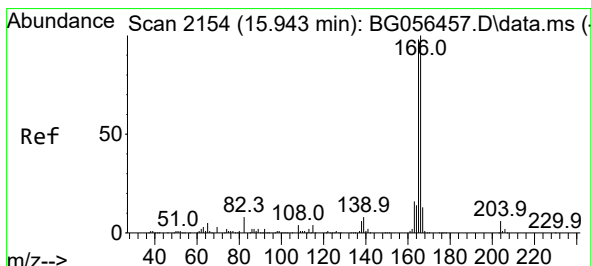
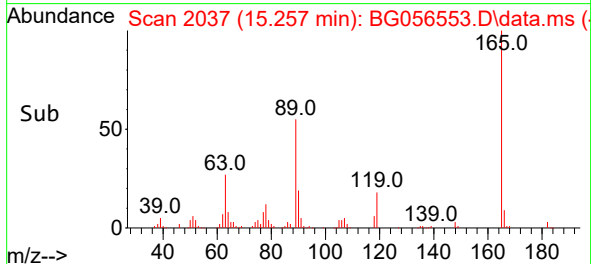
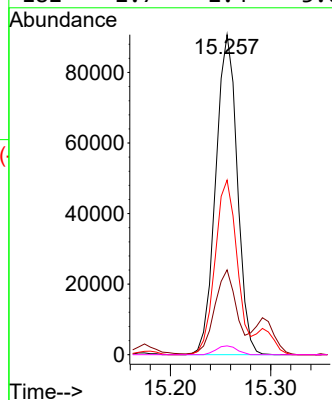
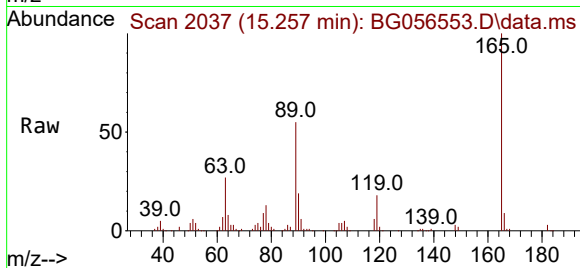




#57
2,4-Dinitrotoluene
Concen: 43.973 ng
RT: 15.257 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

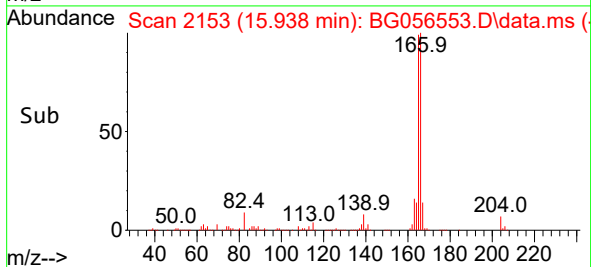
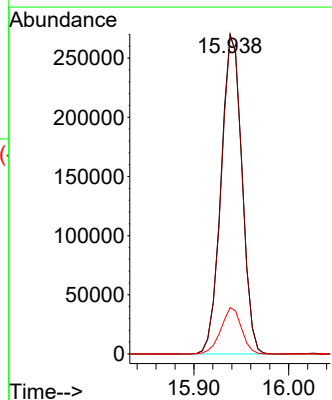
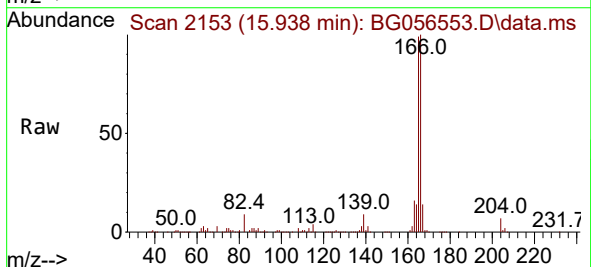
Instrument :
BNA_G
ClientSampleId :
PB150681BS

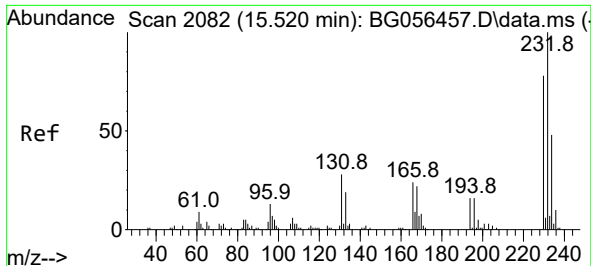
Tgt Ion:165 Resp: 135196
Ion Ratio Lower Upper
165 100
63 26.5 20.6 31.0
89 54.6 43.1 64.7
182 2.7 2.4 3.6



#58
Fluorene
Concen: 42.814 ng
RT: 15.938 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:166 Resp: 413453
Ion Ratio Lower Upper
166 100
165 99.3 78.8 118.2
167 14.5 10.6 15.8

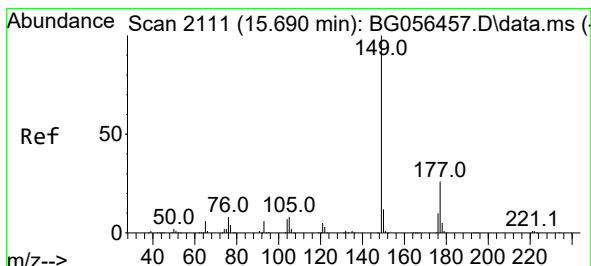
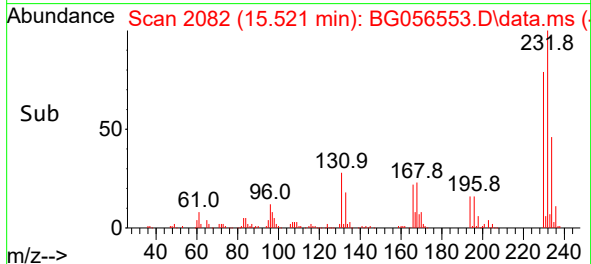
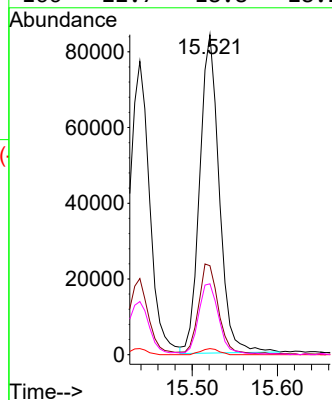
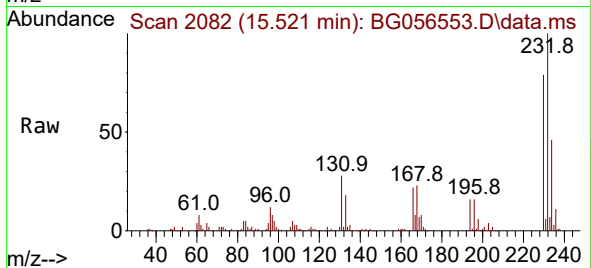




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.087 ng
RT: 15.521 min Scan# 2082
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

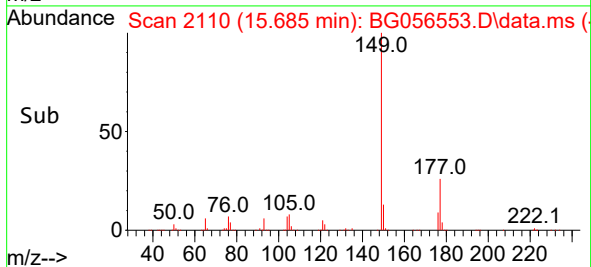
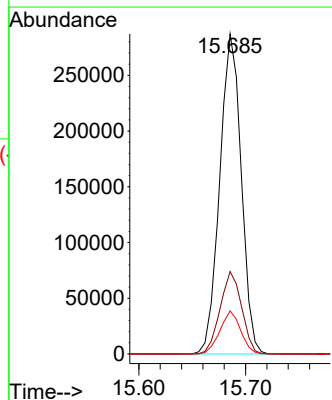
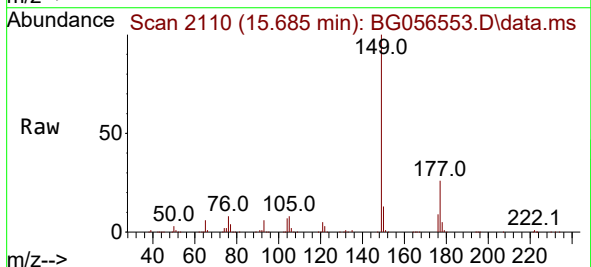
Instrument :
BNA_G
ClientSampleId :
PB150681BS

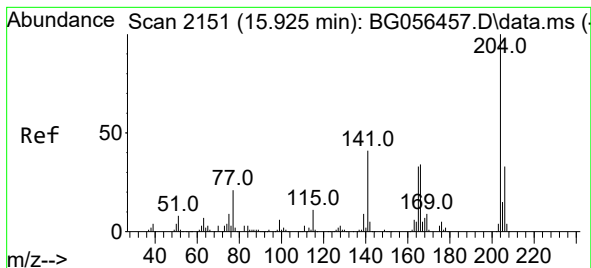
Tgt Ion:232 Resp: 133676
Ion Ratio Lower Upper
232 100
131 28.2 22.8 34.2
130 1.8 1.4 2.0
166 22.7 18.8 28.2



#60
Diethylphthalate
Concen: 42.677 ng
RT: 15.685 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:149 Resp: 401110
Ion Ratio Lower Upper
149 100
177 25.7 21.0 31.4
150 13.4 9.9 14.9

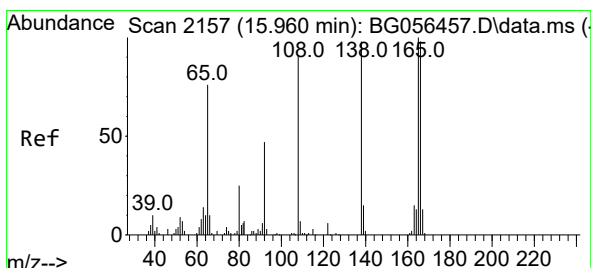
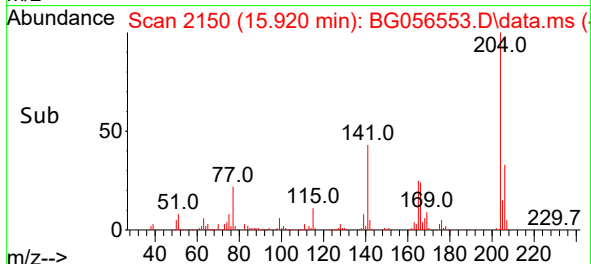
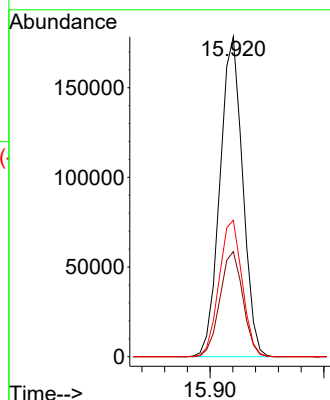
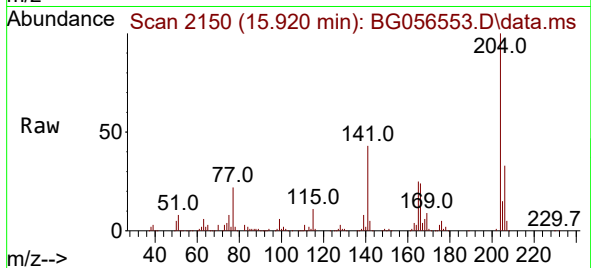




#61
4-Chlorophenyl-phenylether
Concen: 42.088 ng
RT: 15.920 min Scan# 2151
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

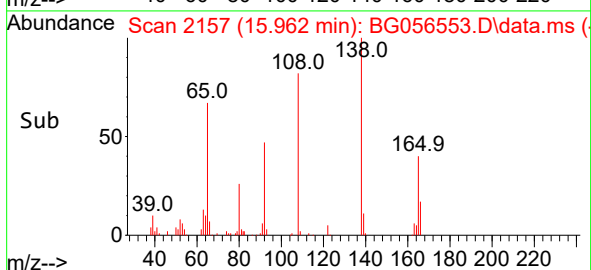
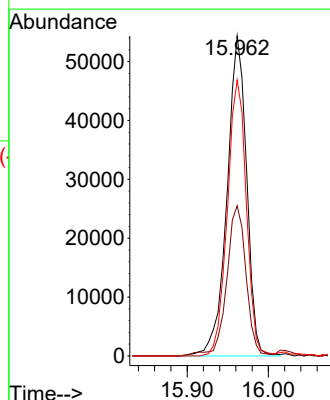
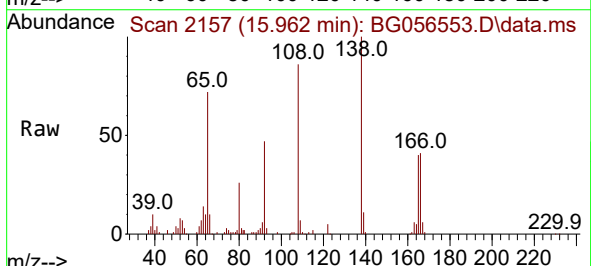
Instrument :
BNA_G
ClientSampleId :
PB150681BS

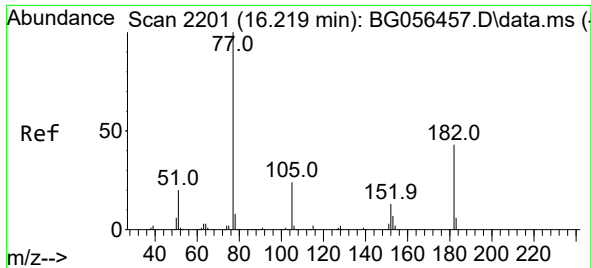
Tgt Ion:204 Resp: 248010
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 42.6 32.7 49.1



#62
4-Nitroaniline
Concen: 43.114 ng
RT: 15.962 min Scan# 2157
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:138 Resp: 91290
Ion Ratio Lower Upper
138 100
92 47.0 27.8 67.8
108 86.3 72.6 112.6

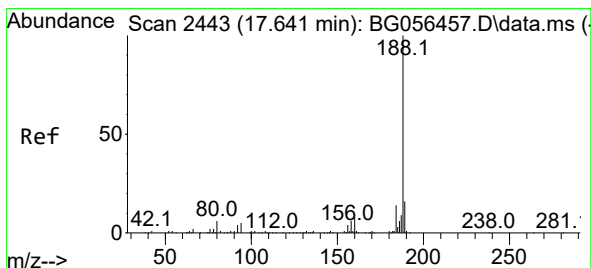
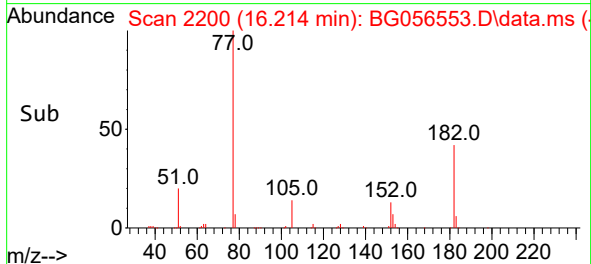
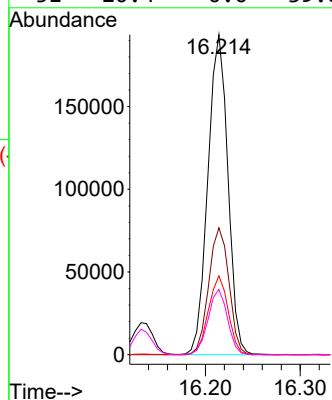
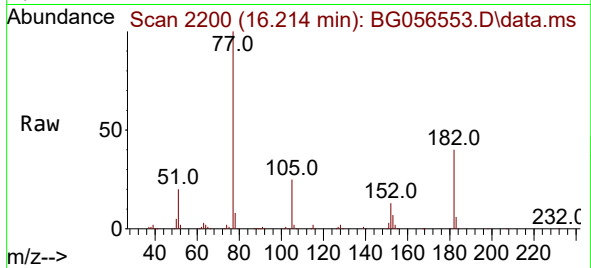




#63
Azobenzene
Concen: 43.789 ng
RT: 16.214 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

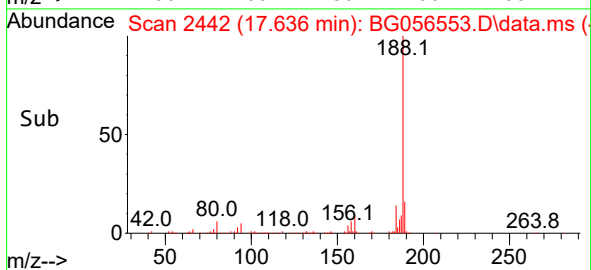
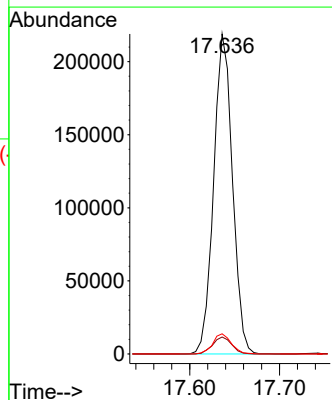
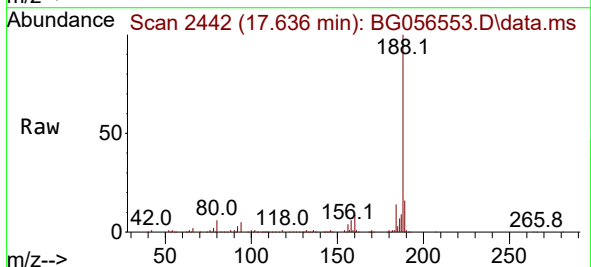
Instrument :
BNA_G
ClientSampleId :
PB150681BS

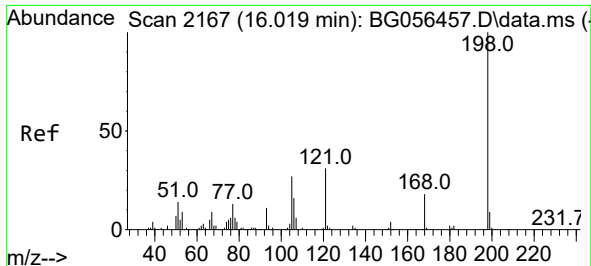
Tgt Ion: 77 Resp: 283186
Ion Ratio Lower Upper
77 100
182 39.7 23.1 63.1
105 24.7 4.2 44.2
51 20.4 0.0 39.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.636 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:188 Resp: 318118
Ion Ratio Lower Upper
188 100
94 5.3 4.1 6.1
80 6.3 5.0 7.4

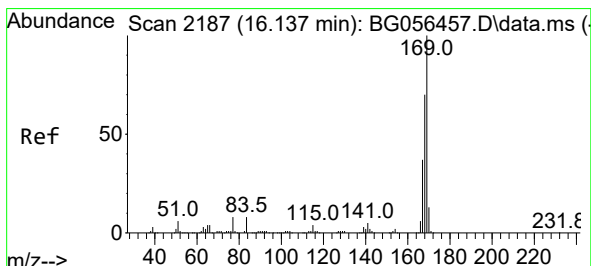
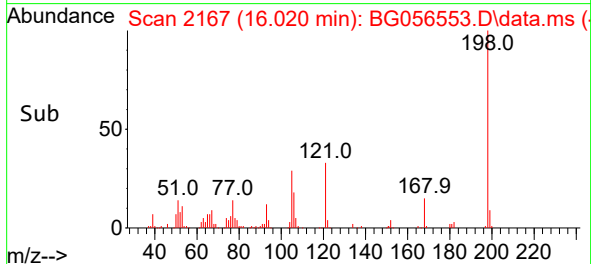
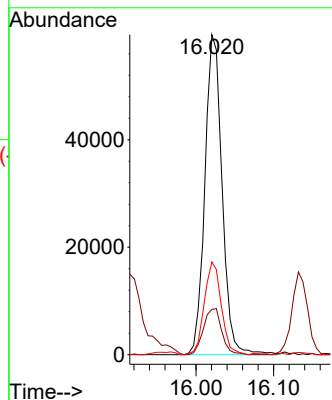
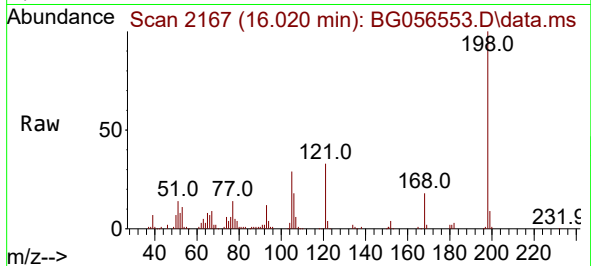




#65
4,6-Dinitro-2-methylphenol
Concen: 41.126 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

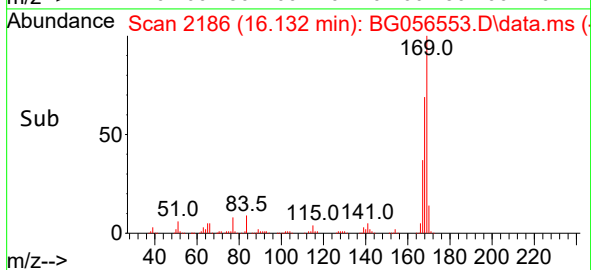
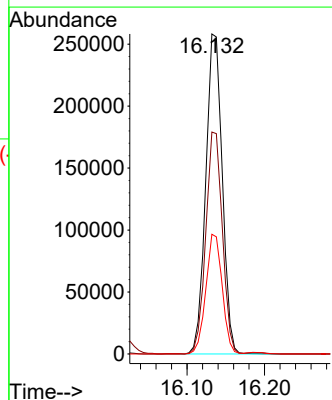
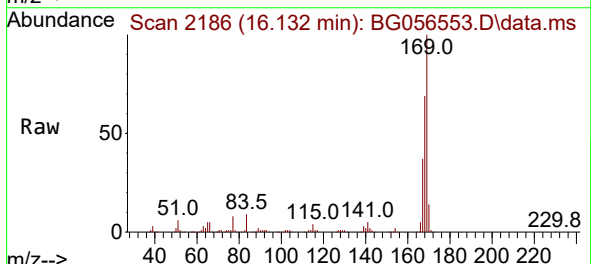
Instrument :
BNA_G
ClientSampleId :
PB150681BS

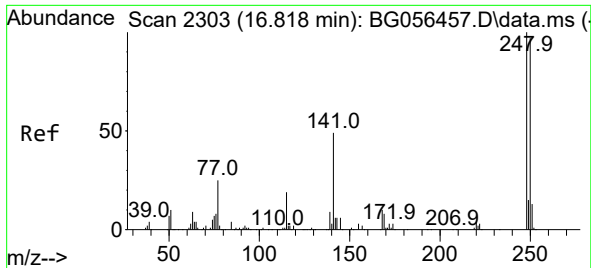
Tgt Ion:198 Resp: 91979
Ion Ratio Lower Upper
198 100
51 14.2 0.0 35.0
105 28.9 7.4 47.4



#66
n-Nitrosodiphenylamine
Concen: 42.369 ng
RT: 16.132 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

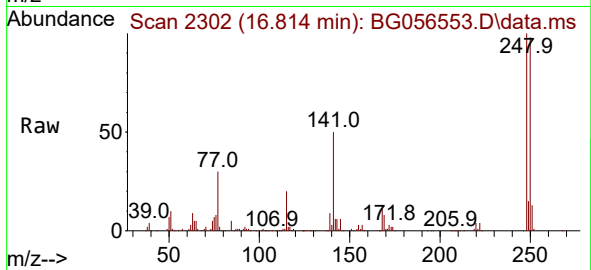
Tgt Ion:169 Resp: 381613
Ion Ratio Lower Upper
169 100
168 69.3 55.8 83.6
167 37.4 29.8 44.8



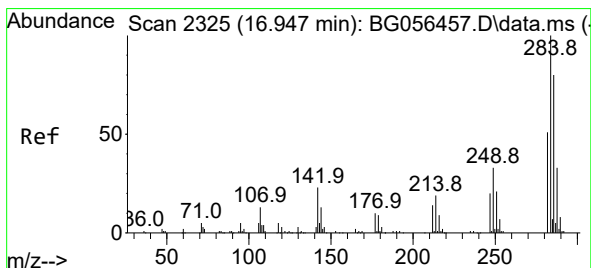
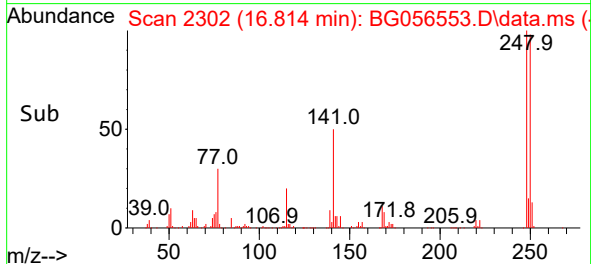
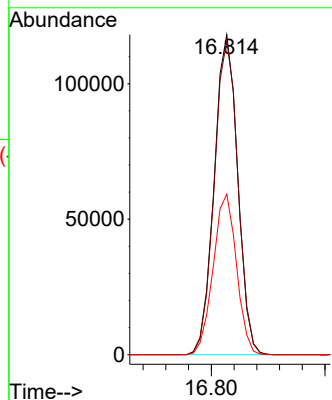


#67
4-Bromophenyl-phenylether
Concen: 41.607 ng
RT: 16.814 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Instrument :
BNA_G
ClientSampleId :
PB150681BS

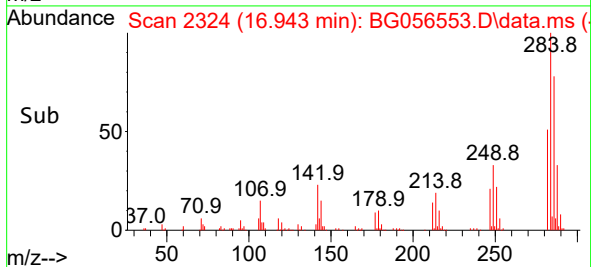
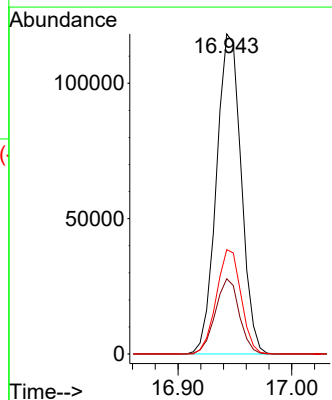
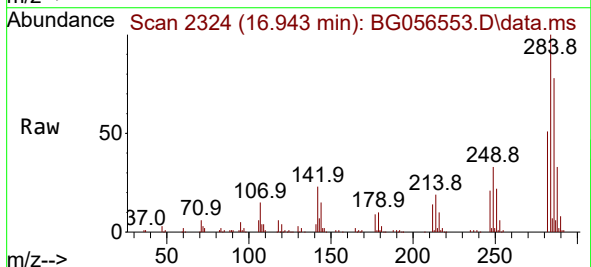


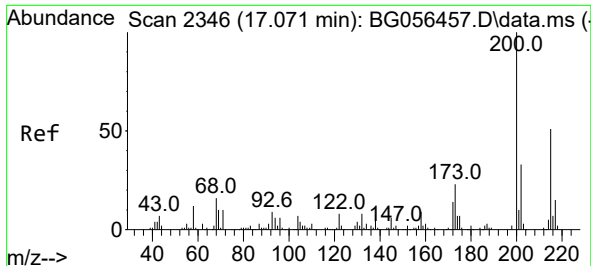
Tgt Ion:248 Resp: 169445
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 50.1 39.0 58.4



#68
Hexachlorobenzene
Concen: 44.867 ng
RT: 16.943 min Scan# 2324
Delta R.T. -0.005 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:284 Resp: 178958
Ion Ratio Lower Upper
284 100
142 23.5 18.0 27.0
249 35.0 26.7 40.1

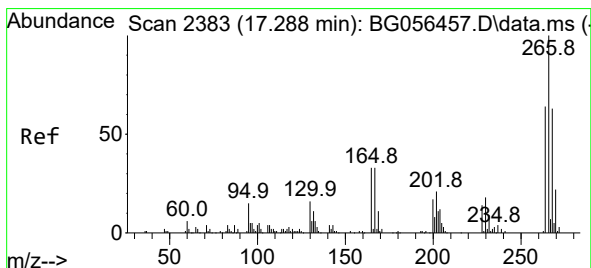
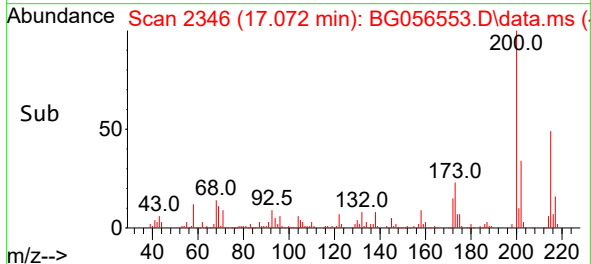
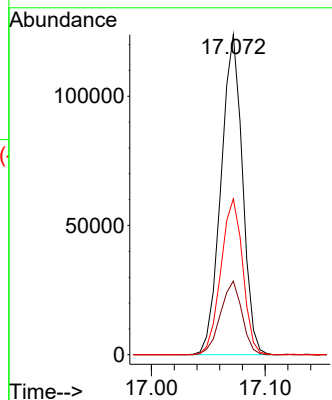
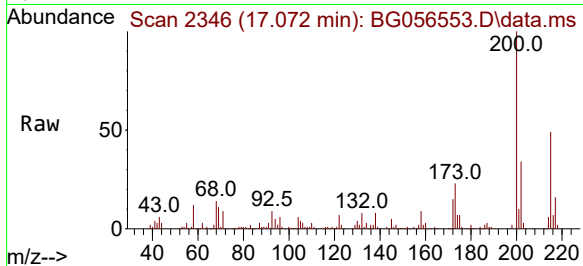




#69
 Atrazine
 Concen: 46.781 ng
 RT: 17.072 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

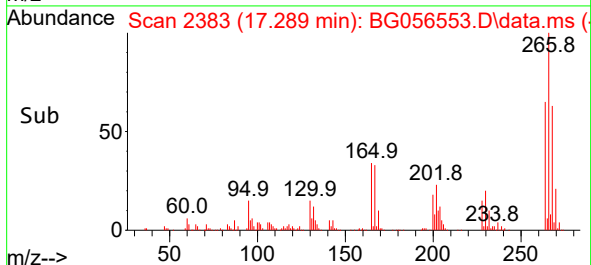
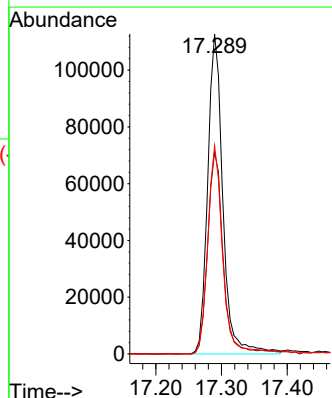
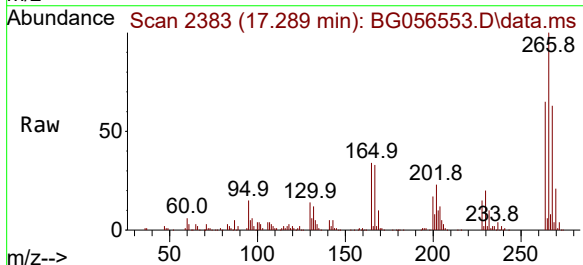
Instrument :
 BNA_G
 ClientSampleId :
 PB150681BS

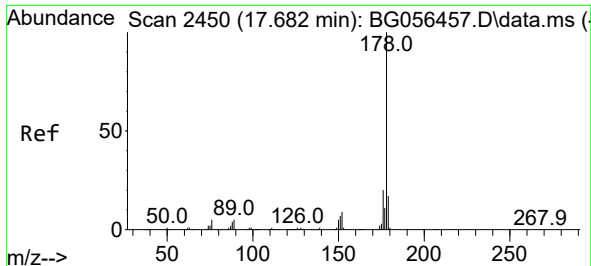
Tgt Ion:200 Resp: 162551
 Ion Ratio Lower Upper
 200 100
 173 23.0 3.2 43.2
 215 48.7 30.7 70.7



#70
 Pentachlorophenol
 Concen: 75.333 ng
 RT: 17.289 min Scan# 2383
 Delta R.T. 0.001 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

Tgt Ion:266 Resp: 181816
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.2 75.4
 264 65.1 51.4 77.0

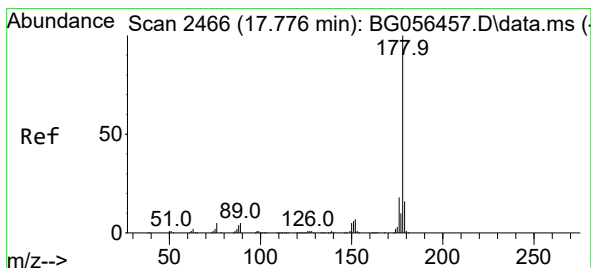
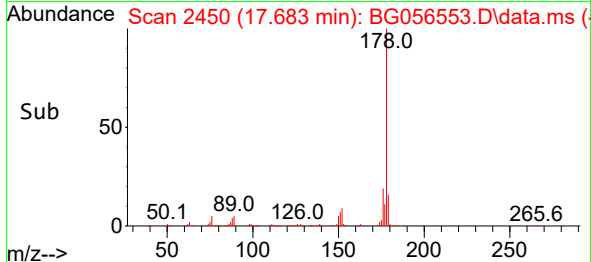
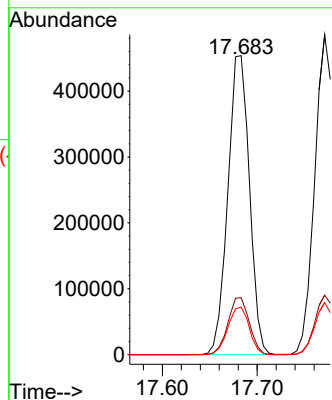
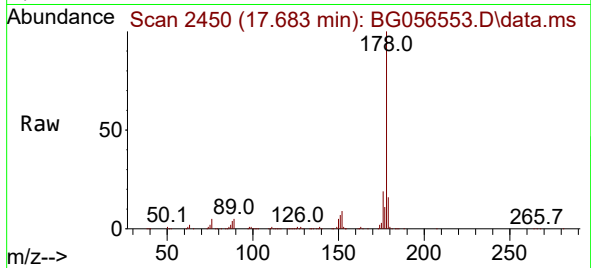




#71
Phenanthrene
Concen: 43.057 ng
RT: 17.683 min Scan# 2450
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

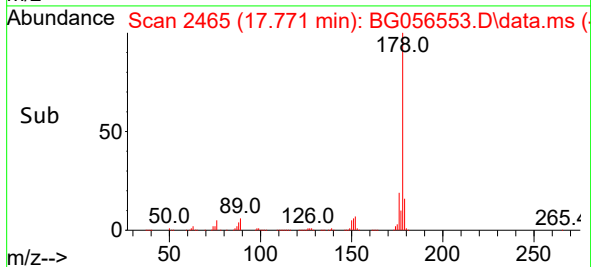
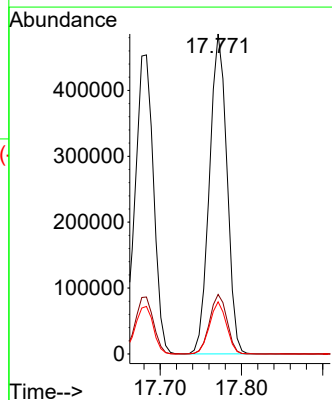
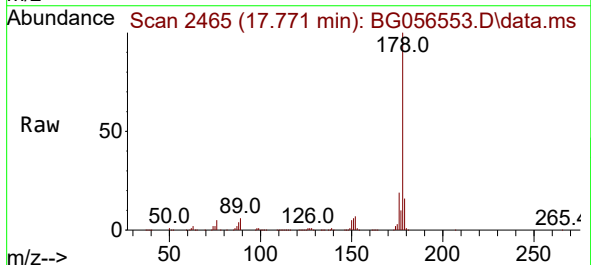
Instrument :
BNA_G
ClientSampleId :
PB150681BS

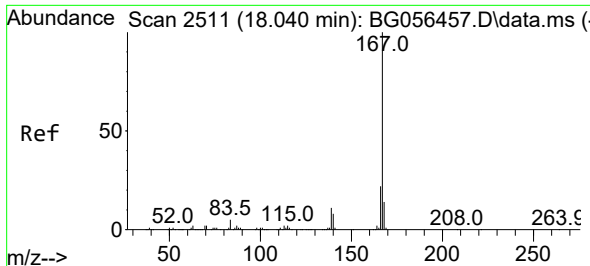
Tgt Ion:178 Resp: 716893
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.9 13.3 19.9



#72
Anthracene
Concen: 42.428 ng
RT: 17.771 min Scan# 2465
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:178 Resp: 725160
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 16.3 12.5 18.7

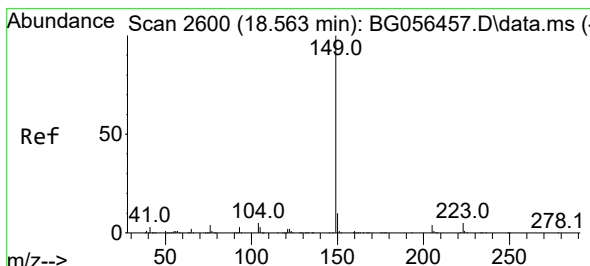
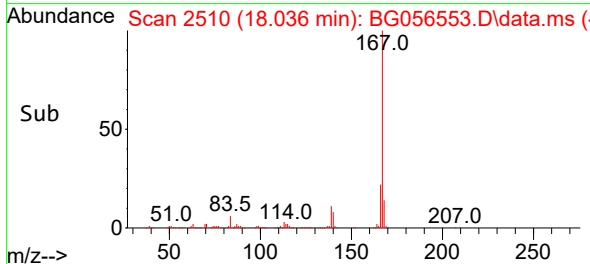
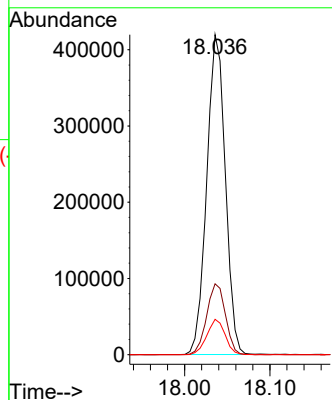
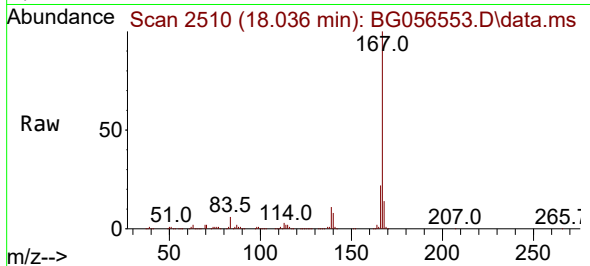




#73
 Carbazole
 Concen: 43.723 ng
 RT: 18.036 min Scan# 2511
 Delta R.T. -0.005 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

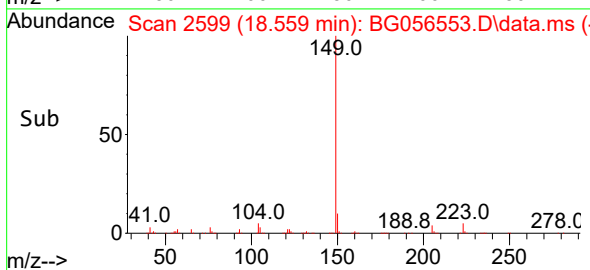
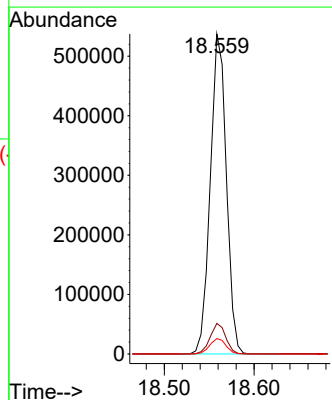
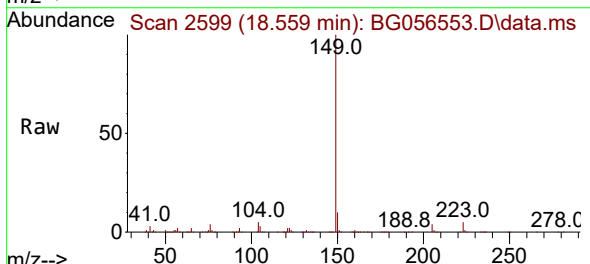
Instrument :
 BNA_G
 ClientSampleId :
 PB150681BS

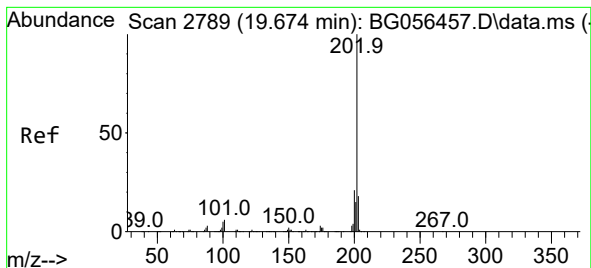
Tgt Ion:167 Resp: 636460
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 11.0 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 43.629 ng
 RT: 18.559 min Scan# 2599
 Delta R.T. -0.005 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

Tgt Ion:149 Resp: 666842
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 41.186 ng

RT: 19.675 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

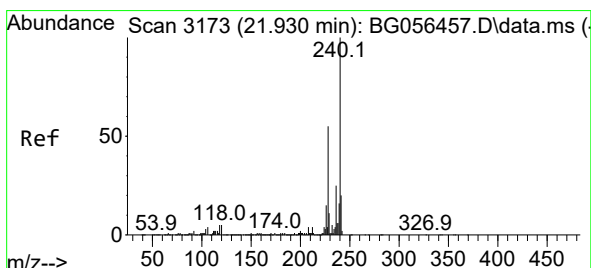
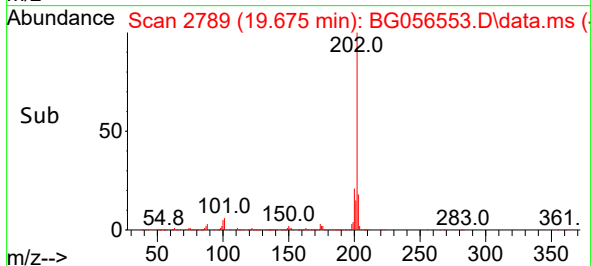
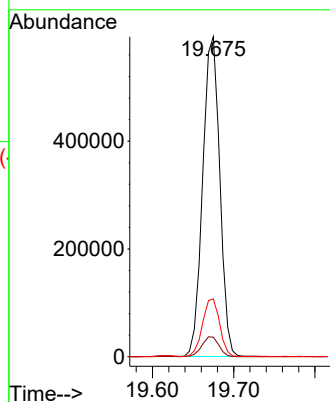
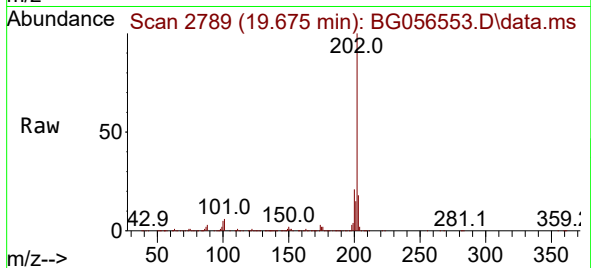
Tgt Ion:202 Resp: 865474

Ion Ratio Lower Upper

202 100

101 6.1 0.0 25.6

203 18.1 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.931 min Scan# 3173

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

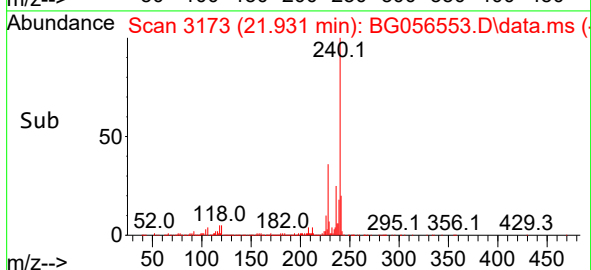
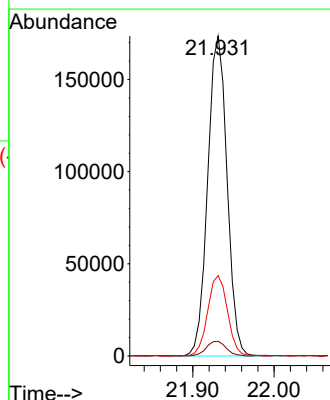
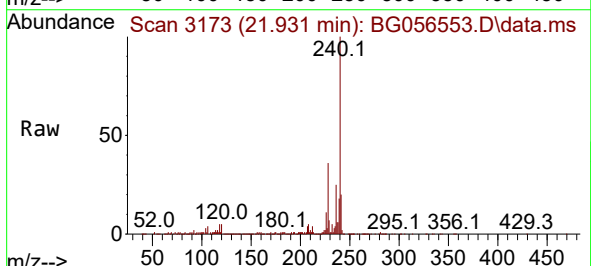
Tgt Ion:240 Resp: 287032

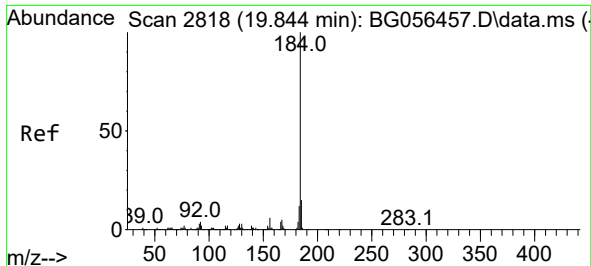
Ion Ratio Lower Upper

240 100

120 4.6 3.8 5.8

236 25.1 20.2 30.2

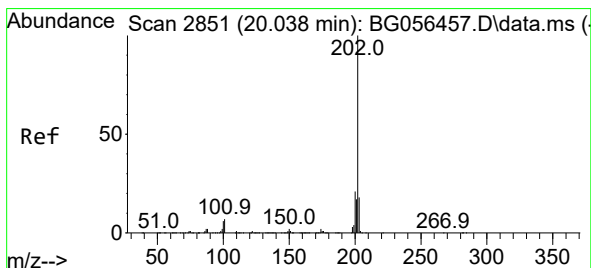
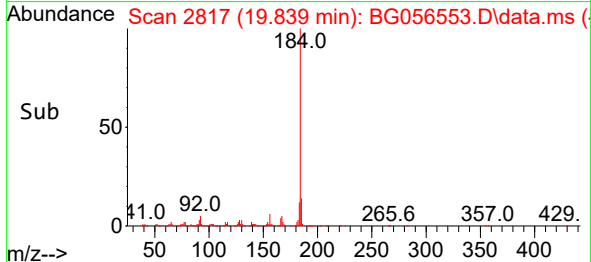
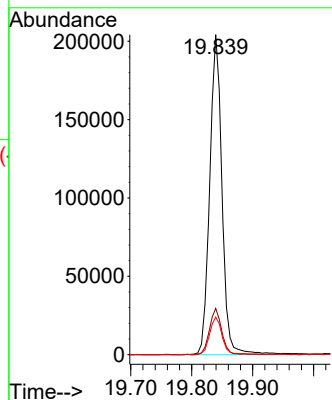
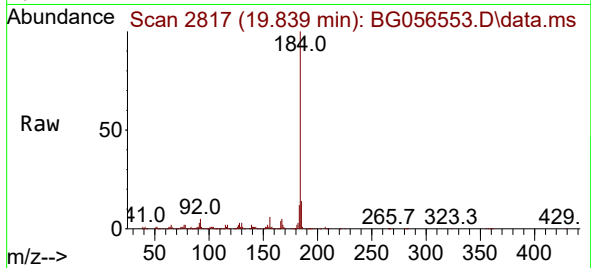




#77
Benzidine
Concen: 36.810 ng
RT: 19.839 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

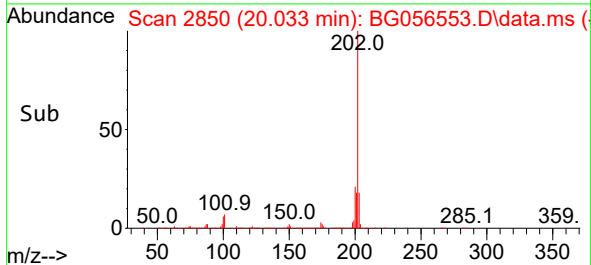
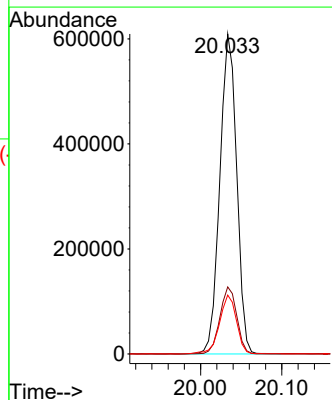
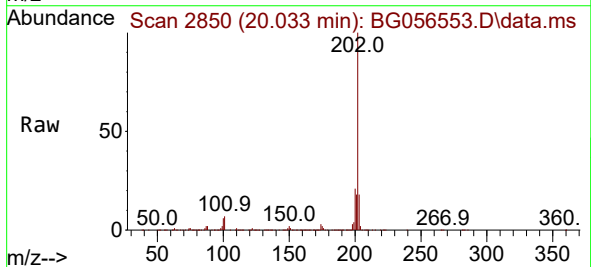
Instrument :
BNA_G
ClientSampleId :
PB150681BS

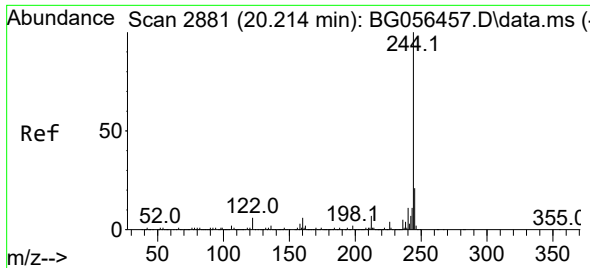
Tgt Ion:184 Resp: 285916
Ion Ratio Lower Upper
184 100
185 14.4 12.3 18.5
183 11.8 9.8 14.8



#78
Pyrene
Concen: 43.079 ng
RT: 20.033 min Scan# 2850
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:202 Resp: 879434
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 18.4 14.4 21.6

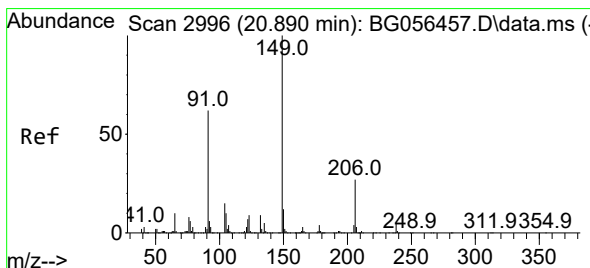
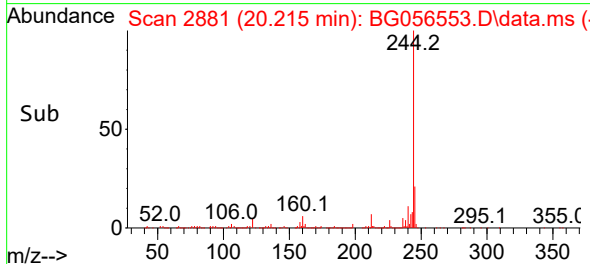
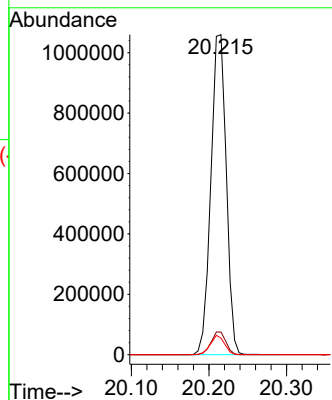
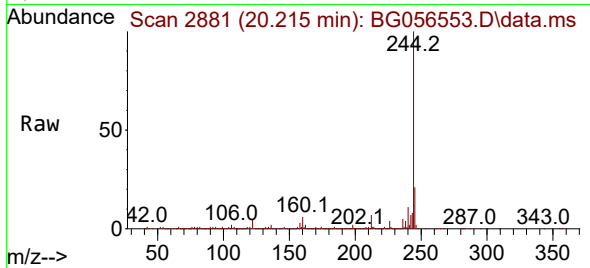




#79
 Terphenyl-d14
 Concen: 89.393 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

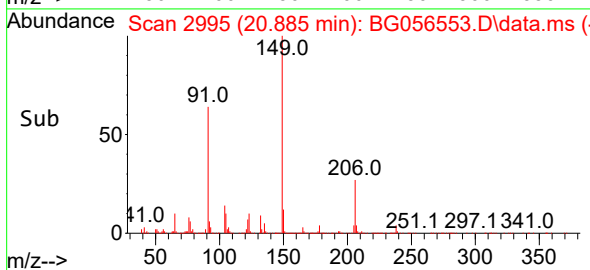
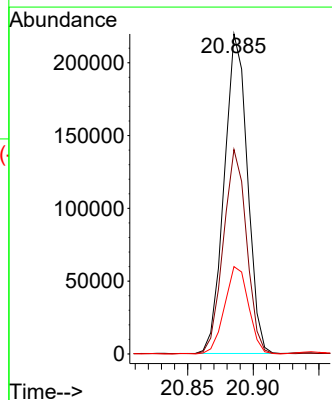
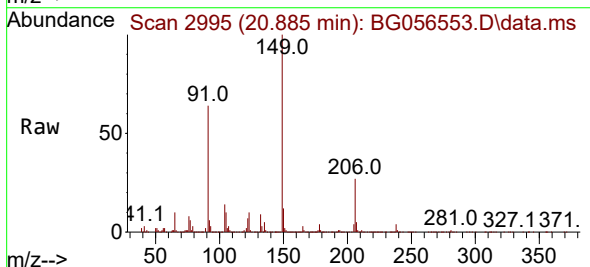
Instrument :
 BNA_G
 ClientSampleId :
 PB150681BS

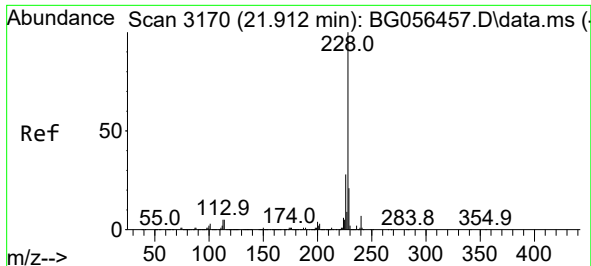
Tgt Ion:244 Resp: 1460901
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.2 4.4 6.6



#80
 Butylbenzylphthalate
 Concen: 43.353 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. -0.005 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

Tgt Ion:149 Resp: 270291
 Ion Ratio Lower Upper
 149 100
 91 63.9 49.4 74.0
 206 27.3 22.0 33.0

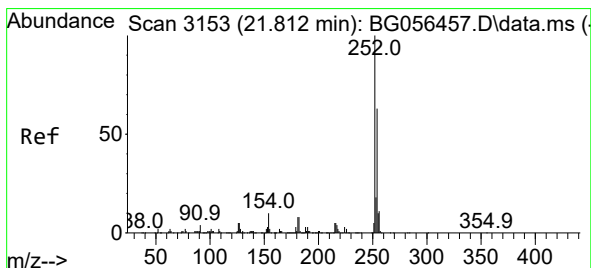
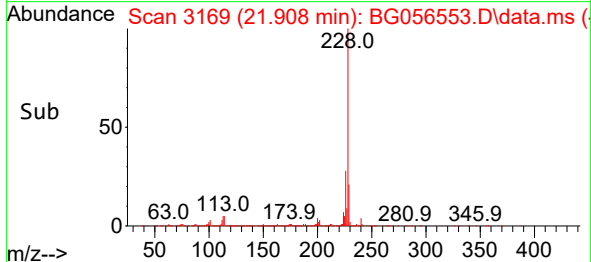
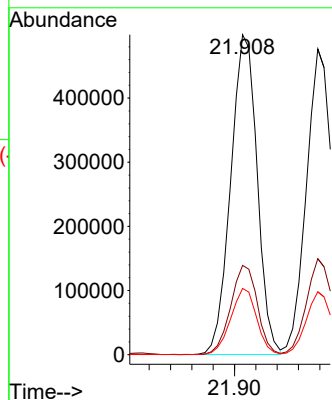
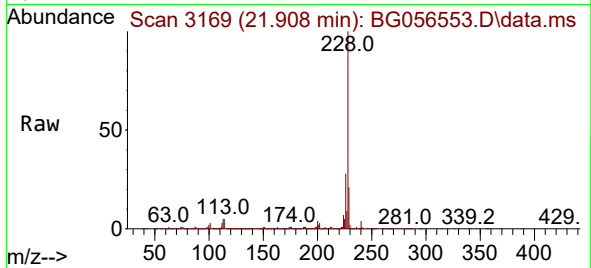




#81
Benzo(a)anthracene
Concen: 42.801 ng
RT: 21.908 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

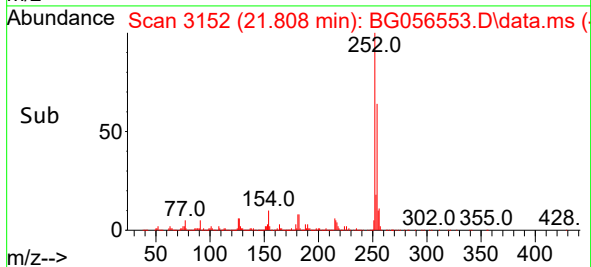
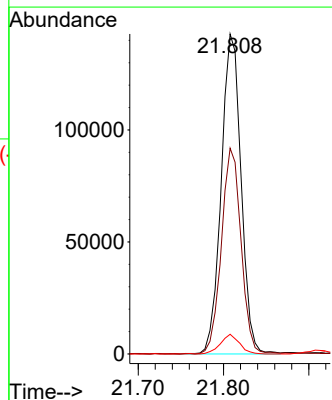
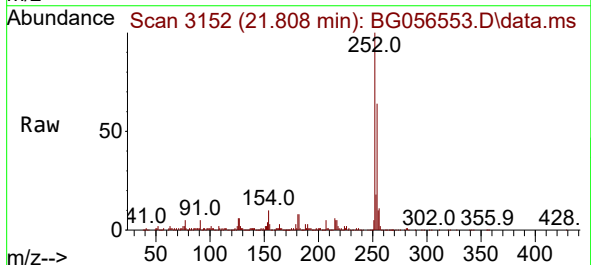
Instrument :
BNA_G
ClientSampleId :
PB150681BS

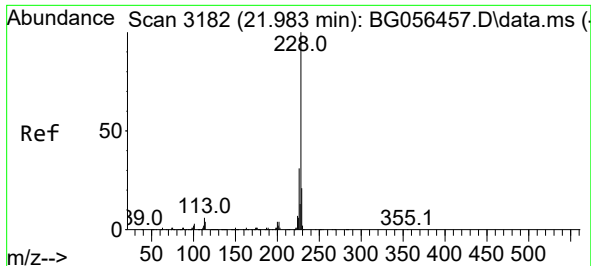
Tgt Ion:228 Resp: 858879
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.7 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 31.994 ng
RT: 21.808 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:252 Resp: 231201
Ion Ratio Lower Upper
252 100
254 64.3 50.0 75.0
126 6.2 4.3 6.5





#83

Chrysene

Concen: 42.424 ng

RT: 21.978 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

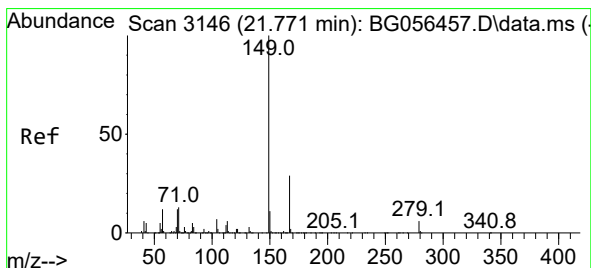
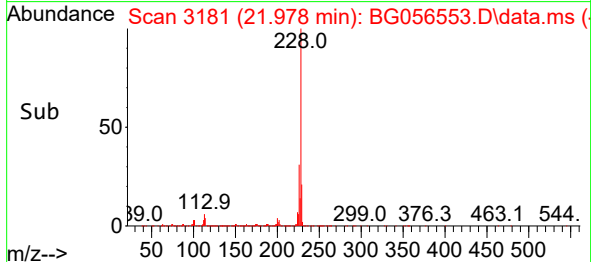
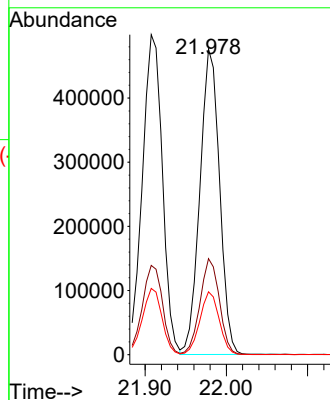
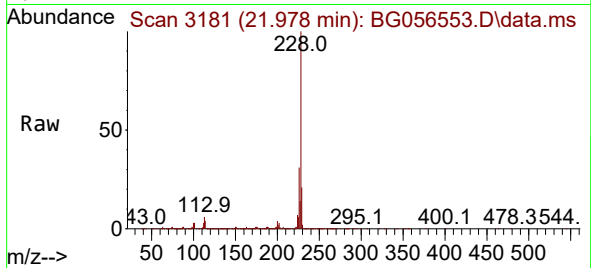
Tgt Ion:228 Resp: 799792

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

229 20.6 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.391 ng

RT: 21.767 min Scan# 3145

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

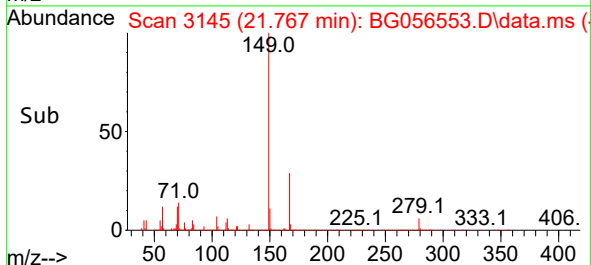
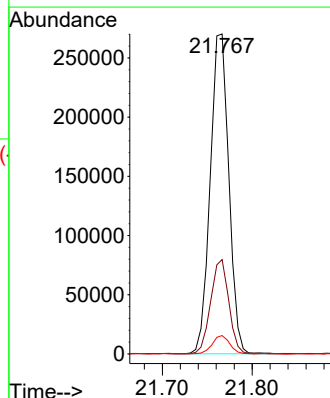
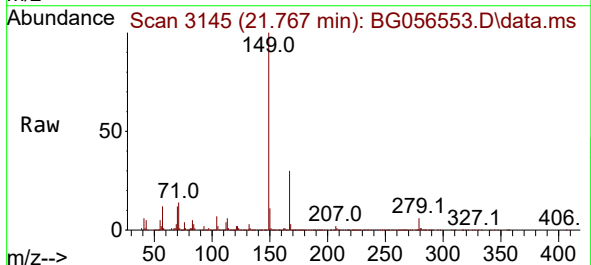
Tgt Ion:149 Resp: 387860

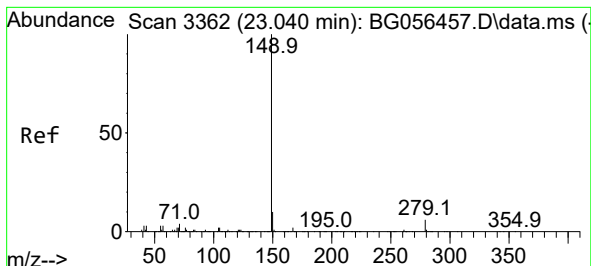
Ion Ratio Lower Upper

149 100

167 29.5 23.4 35.2

279 5.8 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 43.708 ng

RT: 23.036 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

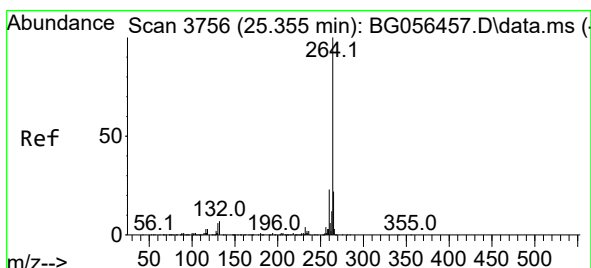
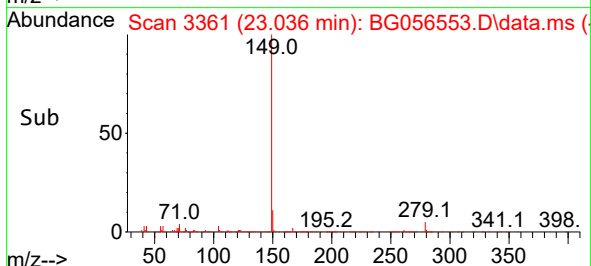
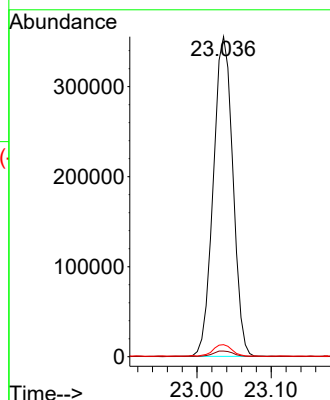
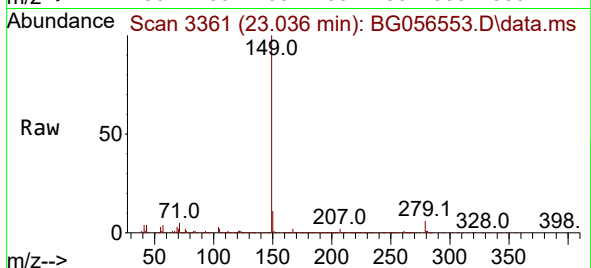
Tgt Ion:149 Resp: 650643

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 3.6 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.356 min Scan# 3756

Delta R.T. -0.005 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

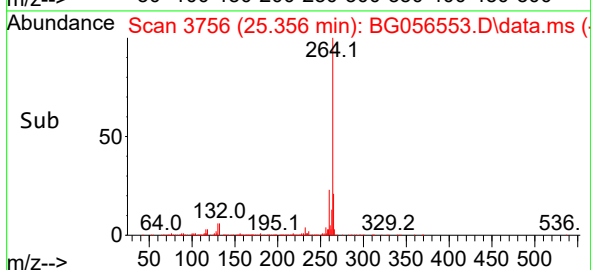
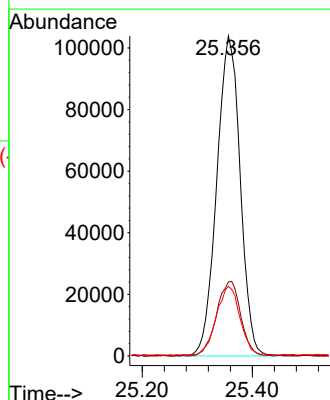
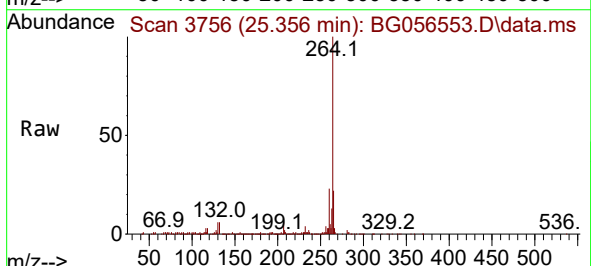
Tgt Ion:264 Resp: 307306

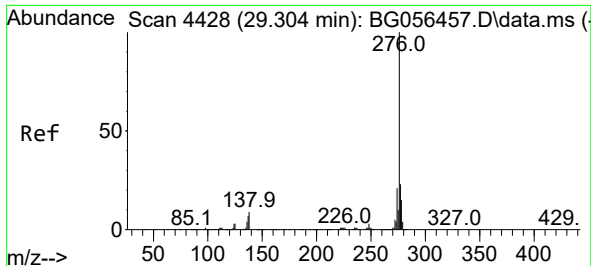
Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.7 18.1 27.1

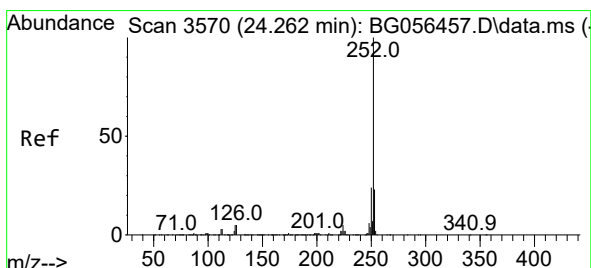
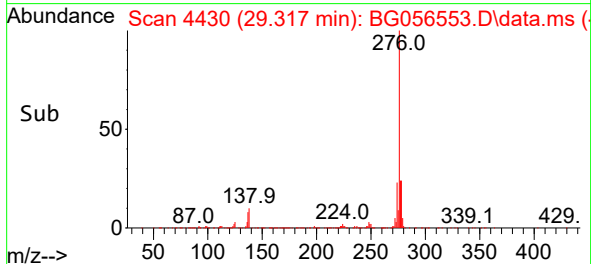
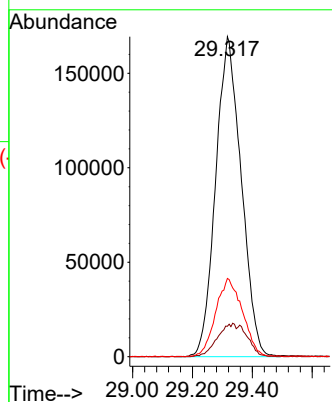
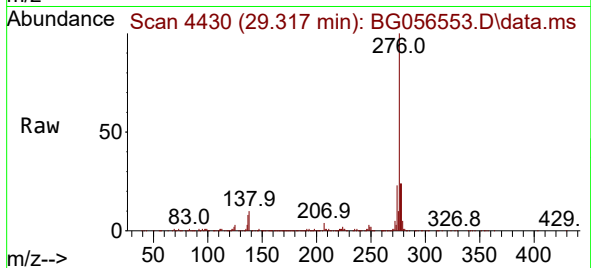




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.565 ng
 RT: 29.317 min Scan# 4428
 Delta R.T. -0.005 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

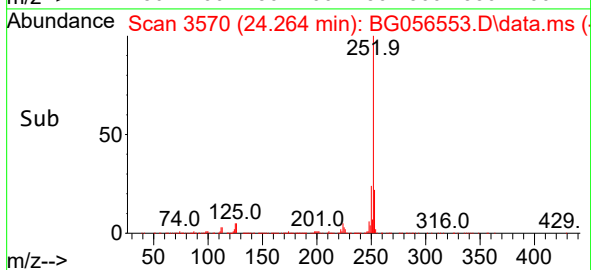
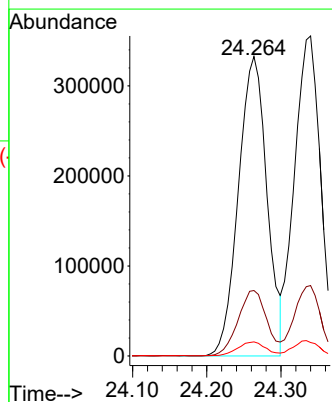
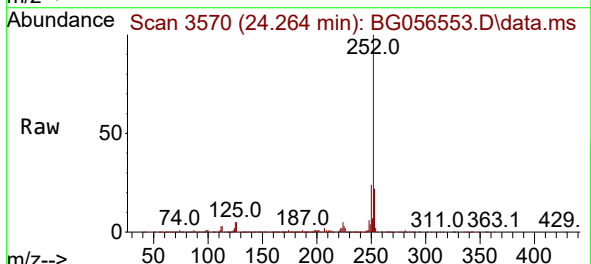
Instrument :
 BNA_G
 ClientSampleId :
 PB150681BS

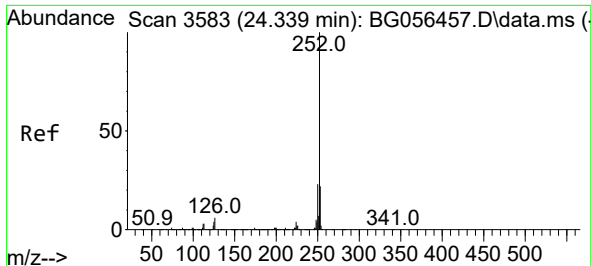
Tgt Ion:276 Resp: 1002502
 Ion Ratio Lower Upper
 276 100
 138 7.5 9.4 14.2#
 277 25.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 46.676 ng
 RT: 24.264 min Scan# 3570
 Delta R.T. 0.001 min
 Lab File: BG056553.D
 Acq: 6 Feb 2023 13:31

Tgt Ion:252 Resp: 890318
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.1 27.1
 125 4.7 3.9 5.9

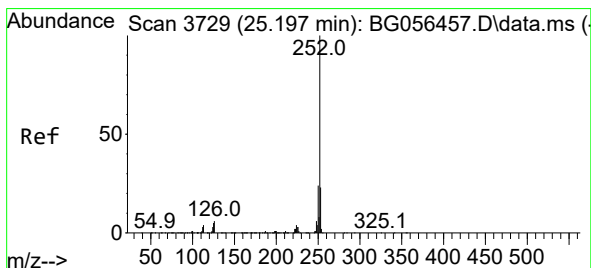
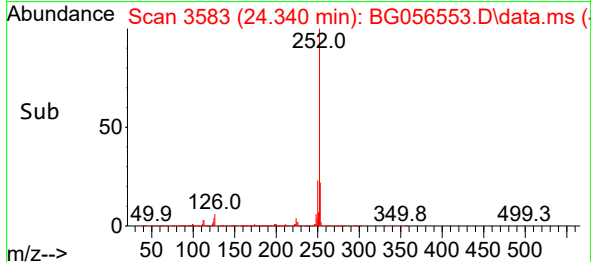
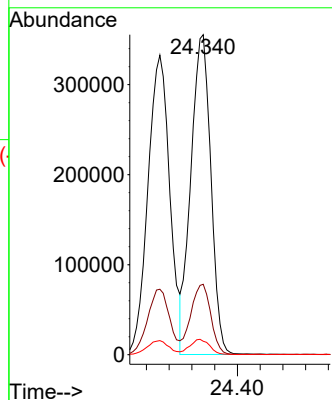
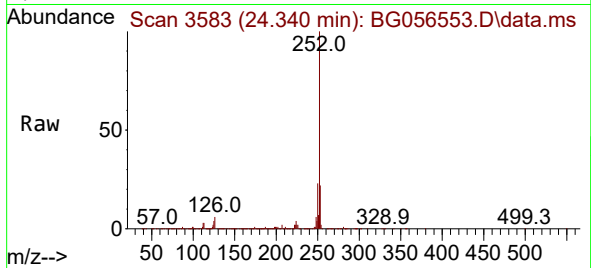




#89
Benzo(k)fluoranthene
Concen: 45.081 ng
RT: 24.340 min Scan# 3583
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

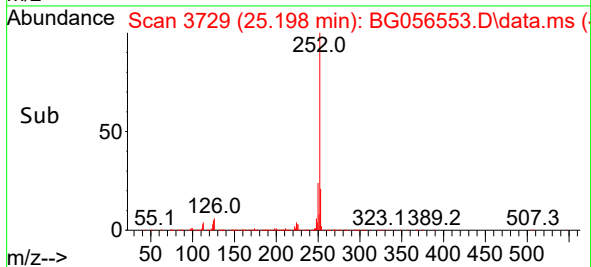
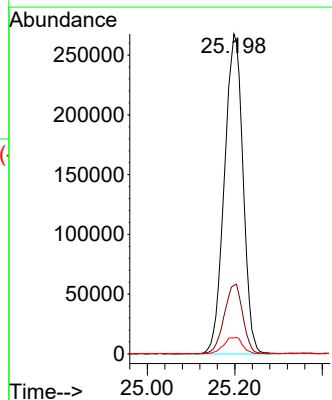
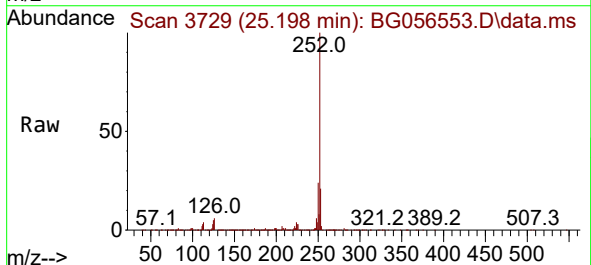
Instrument :
BNA_G
ClientSampleId :
PB150681BS

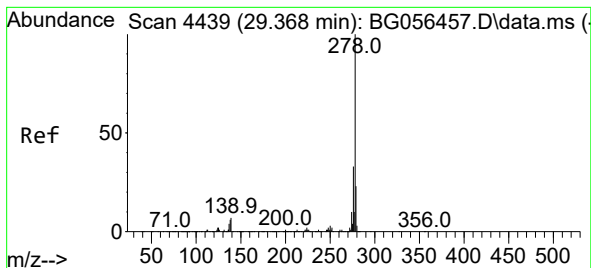
Tgt Ion:252 Resp: 868173
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 4.2 3.4 5.0



#90
Benzo(a)pyrene
Concen: 42.012 ng
RT: 25.198 min Scan# 3729
Delta R.T. 0.001 min
Lab File: BG056553.D
Acq: 6 Feb 2023 13:31

Tgt Ion:252 Resp: 789377
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 5.0 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 45.199 ng

RT: 29.369 min Scan# 4439

Delta R.T. -0.005 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Instrument :

BNA_G

ClientSampleId :

PB150681BS

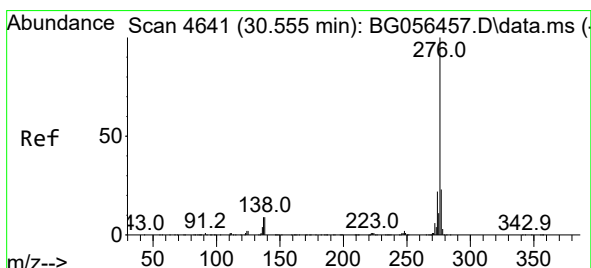
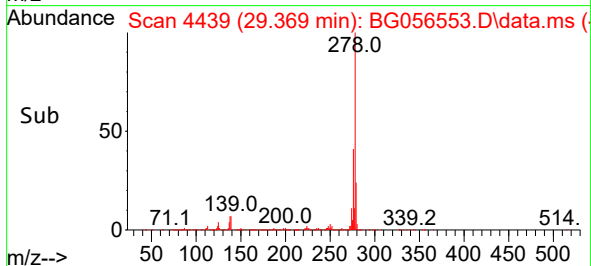
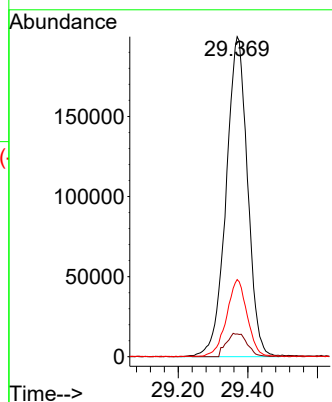
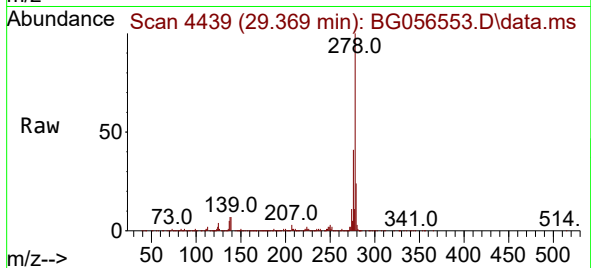
Tgt Ion:278 Resp: 853456

Ion Ratio Lower Upper

278 100

139 7.1 5.5 8.3

279 24.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 44.818 ng

RT: 30.562 min Scan# 4642

Delta R.T. -0.005 min

Lab File: BG056553.D

Acq: 6 Feb 2023 13:31

Tgt Ion:276 Resp: 816565

Ion Ratio Lower Upper

276 100

277 24.2 18.5 27.7

138 10.6 7.4 11.0

