

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056645.D
 Acq On : 15 Feb 2023 23:22
 Operator : CG/JU
 Sample : PB150808BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150808BS

Quant Time: Feb 16 01:56:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	13806	20.000	ng	0.00
21) Naphthalene-d8	11.279	136	53450	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	42607	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	115604	20.000	ng	0.00
76) Chrysene-d12	22.095	240	110527	20.000	ng	0.00
86) Perylene-d12	25.632	264	127028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	108300	127.634	ng	0.00
7) Phenol-d6	7.559	99	152802	121.911	ng	0.00
23) Nitrobenzene-d5	9.610	82	84603	81.043	ng	0.00
42) 2,4,6-Tribromophenol	16.520	330	71204	122.062	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	229449	72.112	ng	0.00
79) Terphenyl-d14	20.344	244	488570	72.322	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.752	88	18058	48.543	ng	99
3) Pyridine	4.169	79	49916	42.421	ng	97
4) n-Nitrosodimethylamine	4.075	42	24471	44.616	ng	93
6) Aniline	7.742	93	60125	34.516	ng	95
8) 2-Chlorophenol	7.994	128	44594	53.117	ng	98
9) Benzaldehyde	7.554	77	32093	48.417	ng	84
10) Phenol	7.583	94	68952	53.779	ng	99
11) bis(2-Chloroethyl)ether	7.836	93	44172	45.917	ng	98
12) 1,3-Dichlorobenzene	8.323	146	49285	49.272	ng	97
13) 1,4-Dichlorobenzene	8.476	146	49783	49.420	ng	92
14) 1,2-Dichlorobenzene	8.799	146	46999	48.539	ng	95
15) Benzyl Alcohol	8.664	79	56247	50.118	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.964	45	59127	45.781	ng	98
17) 2-Methylphenol	8.858	107	43484	48.261	ng	99
18) Hexachloroethane	9.539	117	17736	55.581	ng	94
19) n-Nitroso-di-n-propyla...	9.240	70	42333	45.115	ng	98
20) 3+4-Methylphenols	9.187	107	60633	48.987	ng	92
22) Acetophenone	9.263	105	76040	46.560	ng	# 97
24) Nitrobenzene	9.651	77	58903	48.418	ng	98
25) Isophorone	10.174	82	116271	45.765	ng	98
26) 2-Nitrophenol	10.374	139	22322	51.931	ng	97
27) 2,4-Dimethylphenol	10.409	122	51368	52.296	ng	97
28) bis(2-Chloroethoxy)met...	10.650	93	61798	47.729	ng	98
29) 2,4-Dichlorophenol	10.908	162	53102	54.547	ng	98
30) 1,2,4-Trichlorobenzene	11.132	180	57103	49.240	ng	95
31) Naphthalene	11.326	128	140539	47.442	ng	99
32) Benzoic acid	10.521	122	34317	54.206	ng	98
33) 4-Chloroaniline	11.420	127	29232	21.599	ng	94
34) Hexachlorobutadiene	11.608	225	39962	48.220	ng	98
35) Caprolactam	12.230	113	7010	22.388	ng	92
36) 4-Chloro-3-methylphenol	12.501	107	56741	52.852	ng	96
37) 2-Methylnaphthalene	12.900	142	105727	45.202	ng	99
38) 1-Methylnaphthalene	13.118	142	97912	44.861	ng	96
40) 1,2,4,5-Tetrachloroben...	13.259	216	75441	47.630	ng	99
41) Hexachlorocyclopentadiene	13.235	237	102446	119.251	ng	100
43) 2,4,6-Trichlorophenol	13.482	196	51988	54.098	ng	99

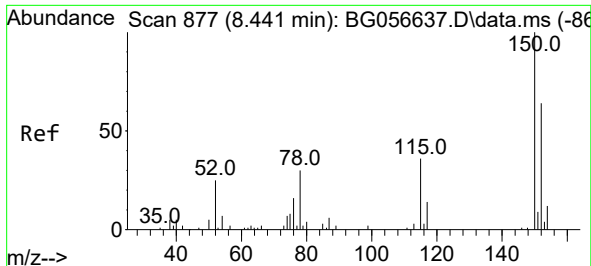
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
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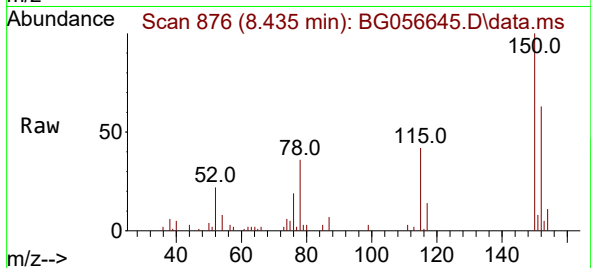
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.552	196	57564	49.979	ng	98
46) 1,1'-Biphenyl	13.881	154	151834	47.043	ng	96
47) 2-Chloronaphthalene	13.928	162	123931	48.523	ng	98
48) 2-Nitroaniline	14.116	65	36703	49.185	ng	92
49) Acenaphthylene	14.769	152	194413	46.846	ng	99
50) Dimethylphthalate	14.481	163	170849	48.506	ng	99
51) 2,6-Dinitrotoluene	14.598	165	33203	48.391	ng	92
52) Acenaphthene	15.104	154	132851	51.897	ng	99
53) 3-Nitroaniline	14.927	138	22158	32.409	ng #	92
54) 2,4-Dinitrophenol	15.127	184	43102	105.925	ng #	64
55) Dibenzofuran	15.433	168	201721	46.644	ng	98
56) 4-Nitrophenol	15.209	139	58994	112.621	ng	87
57) 2,4-Dinitrotoluene	15.380	165	47778	55.620	ng	95
58) Fluorene	16.079	166	162174	47.427	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.568	232	54168	53.661	ng	99
60) Diethylphthalate	15.832	149	171260	48.203	ng	100
61) 4-Chlorophenyl-phenyle...	16.061	204	97451	46.650	ng	99
62) 4-Nitroaniline	16.085	138	35631	50.005	ng	93
63) Azobenzene	16.355	77	165631	46.580	ng	98
65) 4,6-Dinitro-2-methylph...	16.138	198	27429	45.946	ng	97
66) n-Nitrosodiphenylamine	16.273	169	150778	44.833	ng	100
67) 4-Bromophenyl-phenylether	16.954	248	65480	44.117	ng	92
68) Hexachlorobenzene	17.078	284	72307	47.816	ng	98
69) Atrazine	17.207	200	66851	51.766	ng	97
70) Pentachlorophenol	17.413	266	92528	92.395	ng	93
71) Phenanthrene	17.818	178	291594	46.362	ng	99
72) Anthracene	17.912	178	298496	46.382	ng	99
73) Carbazole	18.171	167	259235	46.728	ng	99
74) Di-n-butylphthalate	18.705	149	299294	48.208	ng	99
75) Fluoranthene	19.804	202	383346	46.193	ng	99
77) Benzidine	19.963	184	169516	64.124	ng	97
78) Pyrene	20.162	202	383353	45.926	ng	99
80) Butylbenzylphthalate	21.032	149	124367	49.616	ng	96
81) Benzo(a)anthracene	22.072	228	382020	46.477	ng	99
82) 3,3'-Dichlorobenzidine	21.966	252	77178	28.940	ng	100
83) Chrysene	22.142	228	349950	45.542	ng	99
84) Bis(2-ethylhexyl)phtha...	21.948	149	184935	49.236	ng	99
85) Di-n-octyl phthalate	23.276	149	309712	49.610	ng	99
87) Indeno(1,2,3-cd)pyrene	29.733	276	466382	46.880	ng #	98
88) Benzo(b)fluoranthene	24.504	252	396164	47.737	ng	99
89) Benzo(k)fluoranthene	24.581	252	381177	46.708	ng	100
90) Benzo(a)pyrene	25.468	252	346413	43.426	ng	99
91) Dibenzo(a,h)anthracene	29.810	278	384001	46.605	ng #	97
92) Benzo(g,h,i)perylene	31.020	276	373758	46.424	ng	96

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

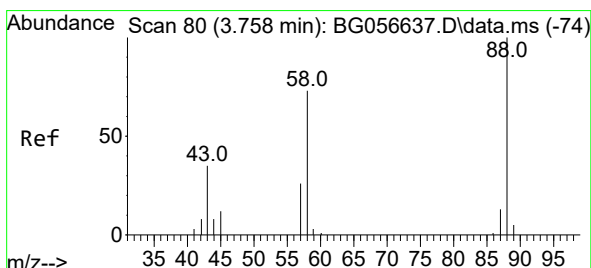
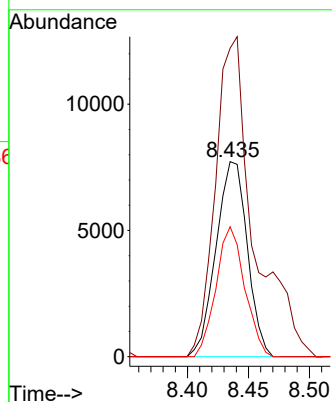
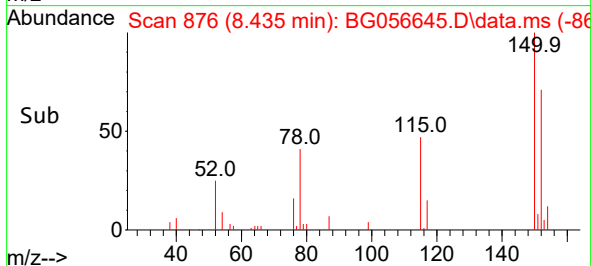


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.435 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG056645.D
 Acq: 15 Feb 2023 23:22

Instrument :
 BNA_G
 ClientSampleId :
 PB150808BS

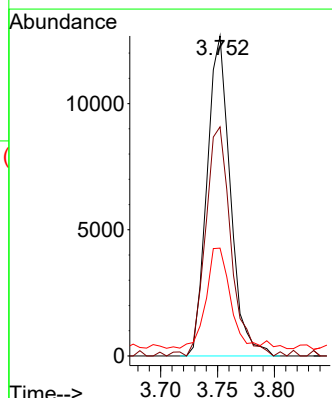
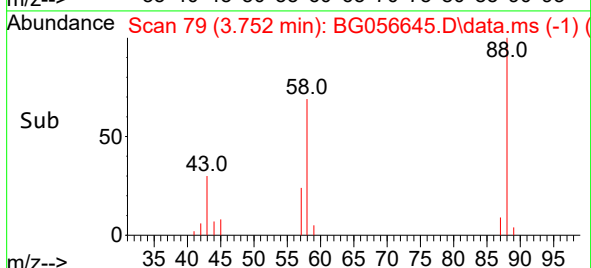
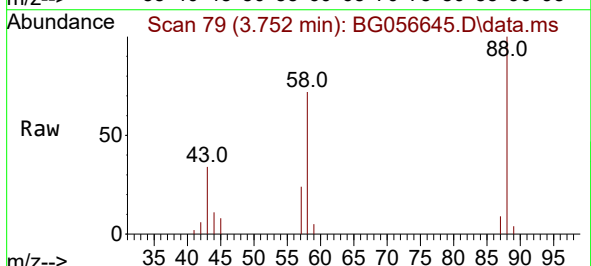


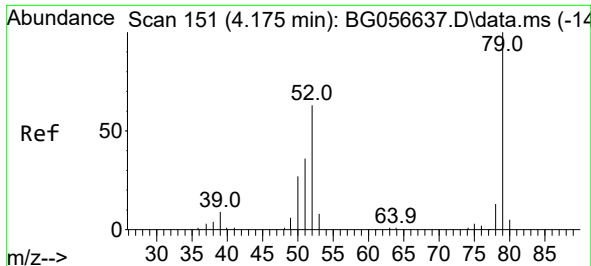
Tgt Ion:152 Resp: 13806
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.8 187.2
 115 66.6 44.7 67.1



#2
 1,4-Dioxane
 Concen: 48.543 ng
 RT: 3.752 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BG056645.D
 Acq: 15 Feb 2023 23:22

Tgt Ion: 88 Resp: 18058
 Ion Ratio Lower Upper
 88 100
 58 78.4 62.2 93.2
 43 31.9 26.6 40.0

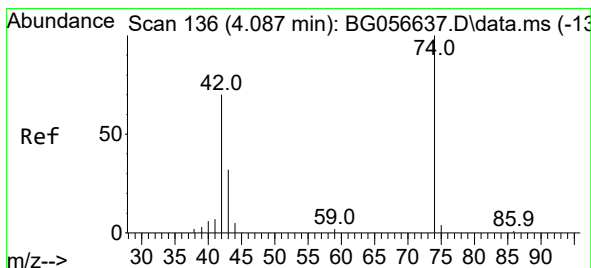
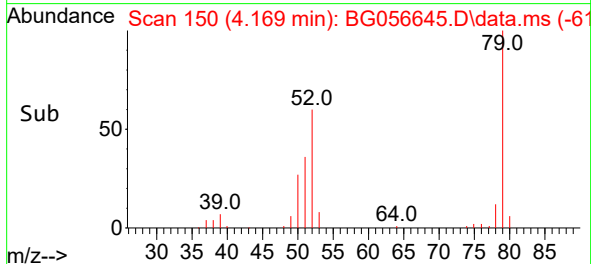
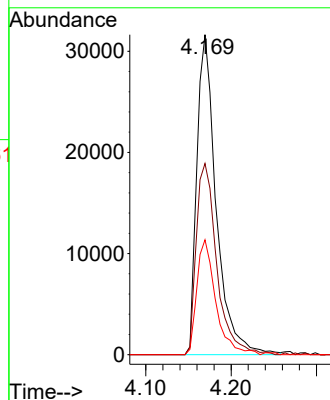
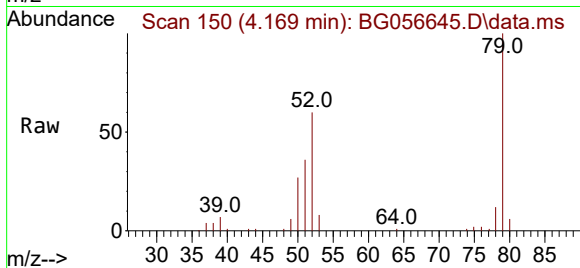




#3
Pyridine
Concen: 42.421 ng
RT: 4.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

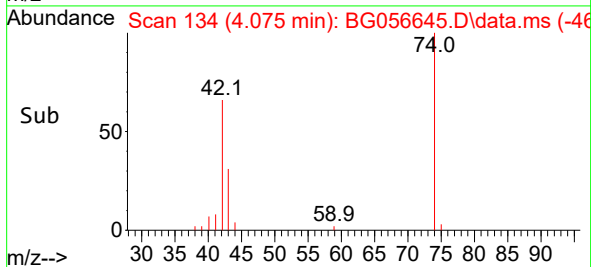
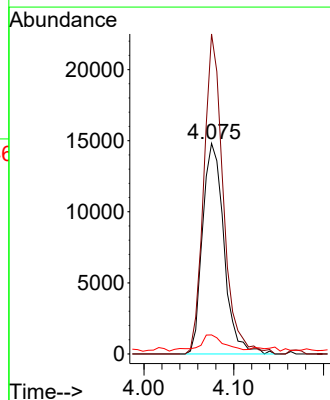
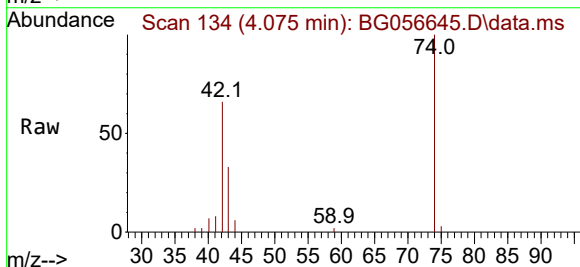
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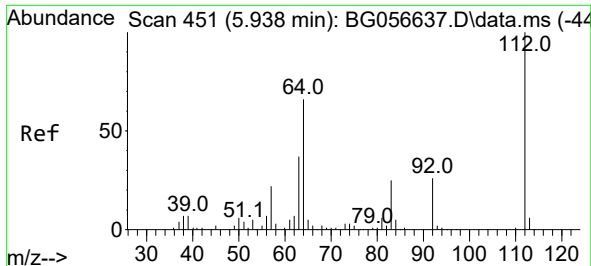
Tgt Ion: 79 Resp: 49916
Ion Ratio Lower Upper
79 100
52 59.7 50.8 76.2
51 35.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 44.616 ng
RT: 4.075 min Scan# 134
Delta R.T. -0.012 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 42 Resp: 24471
Ion Ratio Lower Upper
42 100
74 152.0 114.5 171.7
44 9.1 7.2 10.8

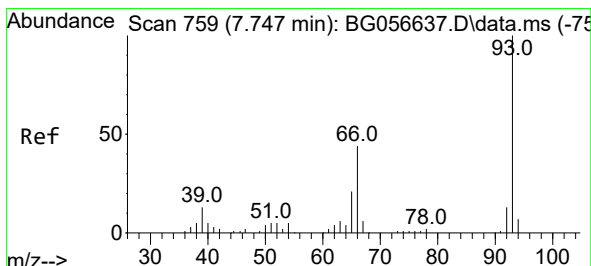
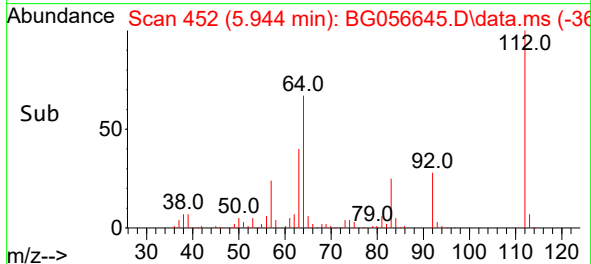
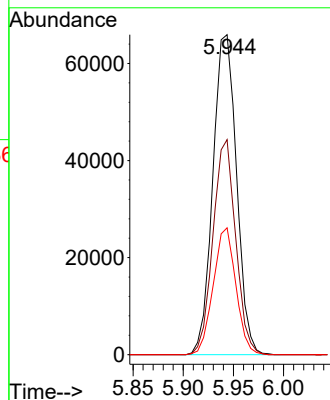
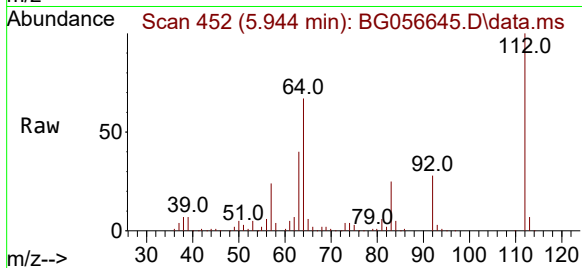




#5
2-Fluorophenol
Concen: 127.634 ng
RT: 5.944 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

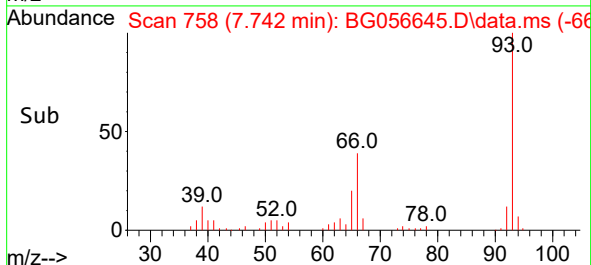
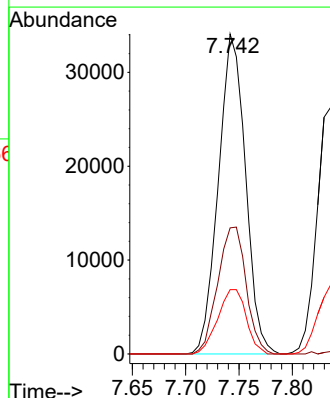
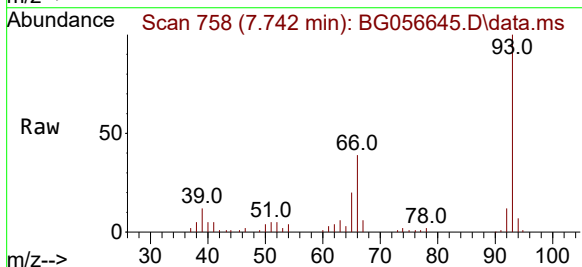
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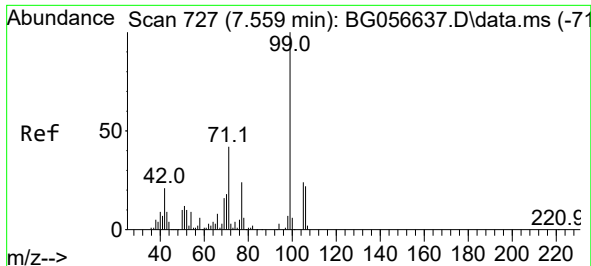
Tgt Ion:112 Resp: 108300
Ion Ratio Lower Upper
112 100
64 67.2 52.6 78.8
63 39.7 29.8 44.6



#6
Aniline
Concen: 34.516 ng
RT: 7.742 min Scan# 758
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 93 Resp: 60125
Ion Ratio Lower Upper
93 100
66 39.4 35.0 52.4
65 20.1 16.5 24.7

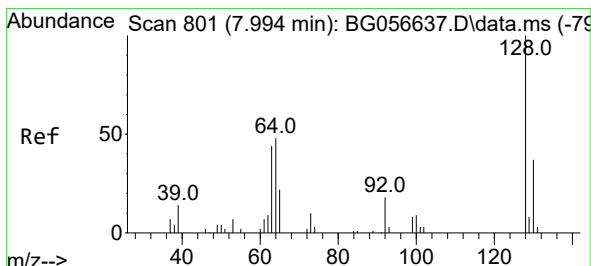
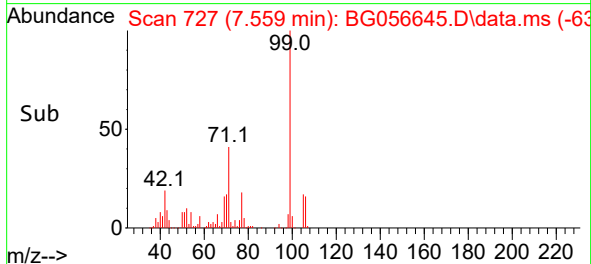
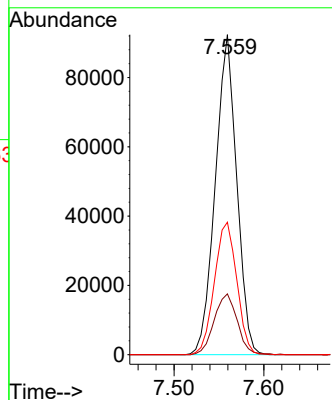
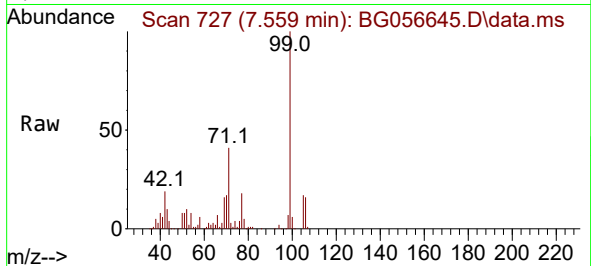




#7
Phenol-d6
Concen: 121.911 ng
RT: 7.559 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

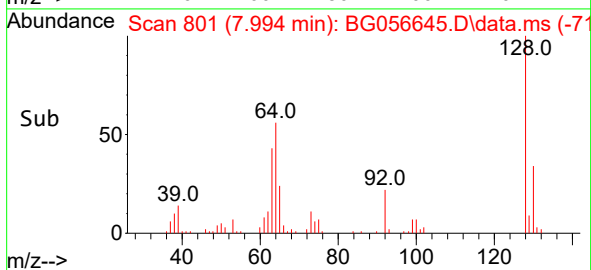
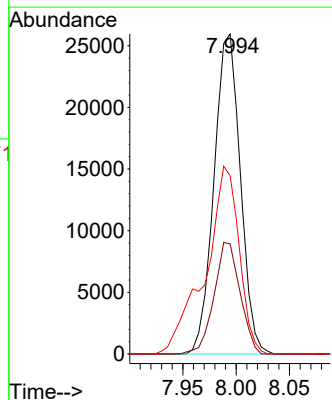
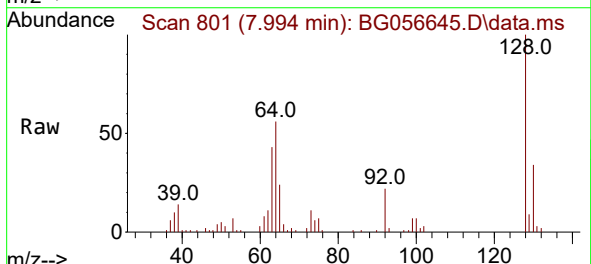
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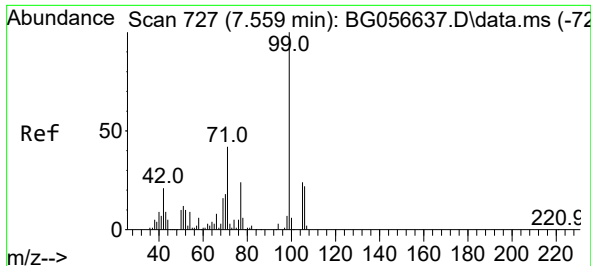
Tgt Ion: 99 Resp: 152802
Ion Ratio Lower Upper
99 100
42 19.0 16.8 25.2
71 41.4 33.9 50.9



#8
2-Chlorophenol
Concen: 53.117 ng
RT: 7.994 min Scan# 801
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 128 Resp: 44594
Ion Ratio Lower Upper
128 100
130 34.4 16.8 56.8
64 55.7 36.3 76.3

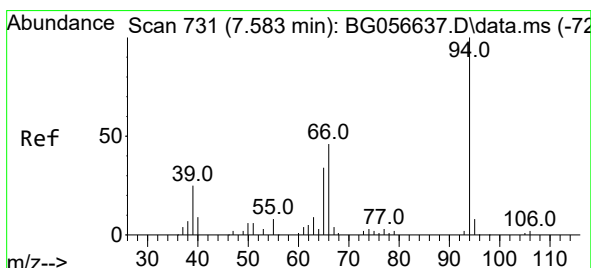
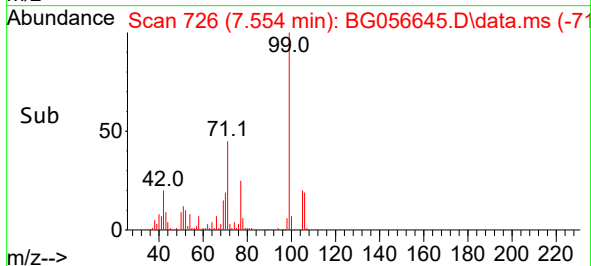
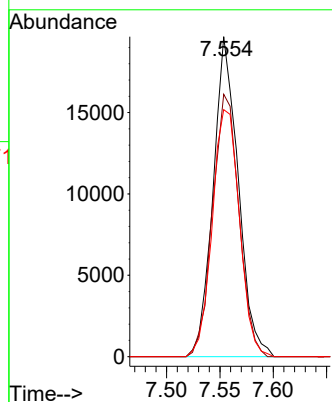
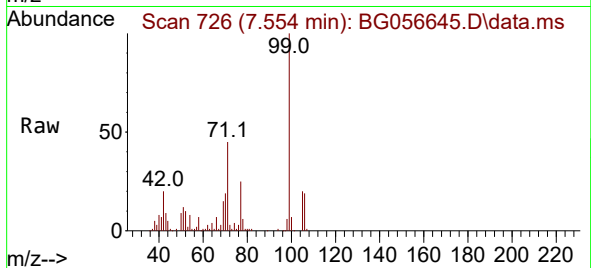




#9
Benzaldehyde
Concen: 48.417 ng
RT: 7.554 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

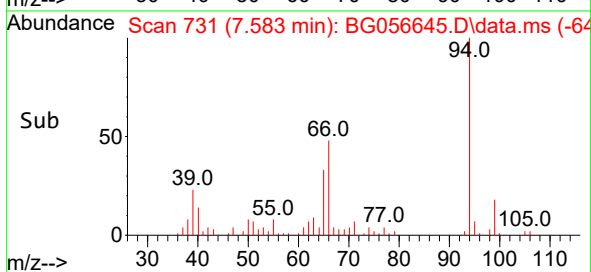
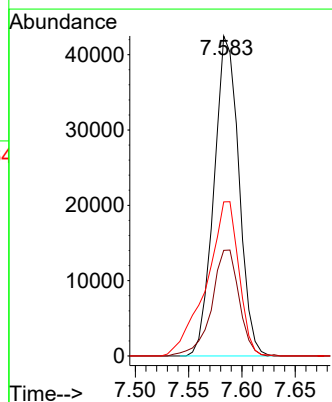
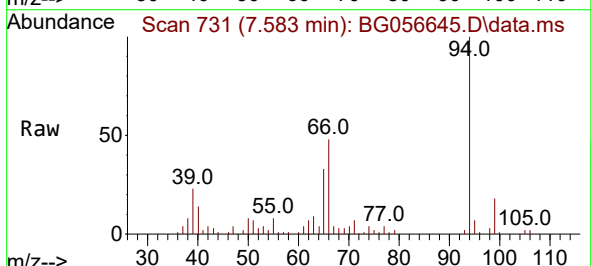
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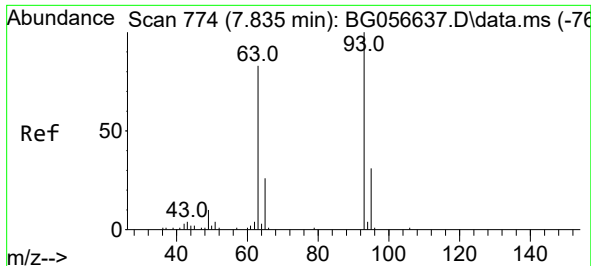
Tgt Ion: 77 Resp: 32093
Ion Ratio Lower Upper
77 100
105 82.0 78.4 118.4
106 77.2 71.3 111.3



#10
Phenol
Concen: 53.779 ng
RT: 7.583 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 94 Resp: 68952
Ion Ratio Lower Upper
94 100
65 33.0 14.2 54.2
66 48.2 27.9 67.9

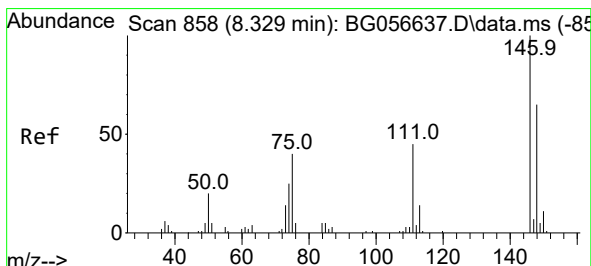
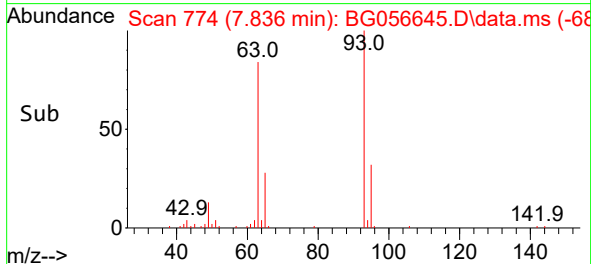
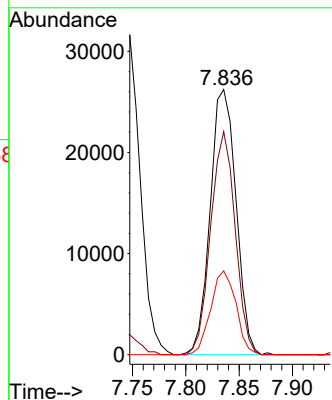
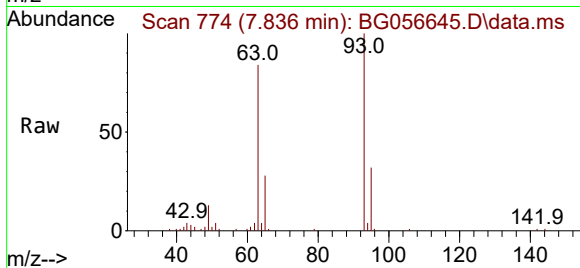




#11
bis(2-Chloroethyl)ether
Concen: 45.917 ng
RT: 7.836 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

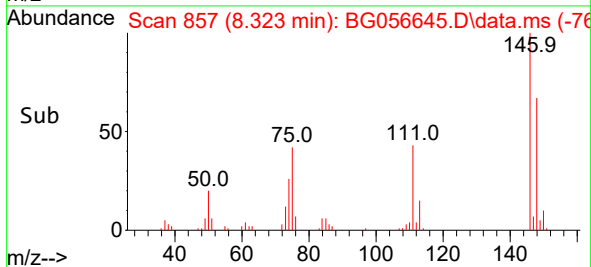
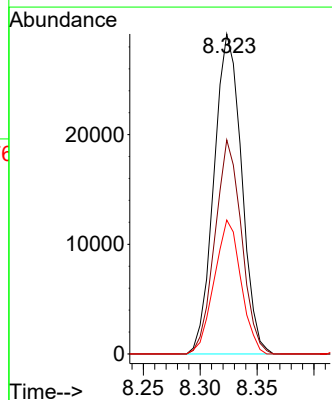
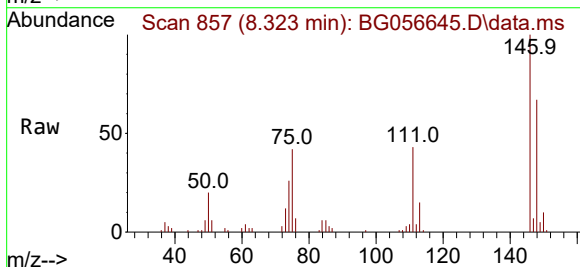
Instrument :
BNA_G
ClientSampleId :
PB150808BS

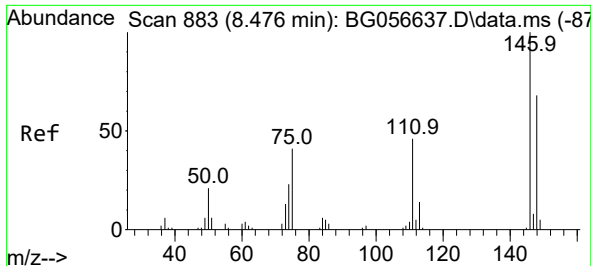
Tgt Ion: 93 Resp: 44172
Ion Ratio Lower Upper
93 100
63 84.1 62.8 102.8
95 31.6 10.8 50.8



#12
1,3-Dichlorobenzene
Concen: 49.272 ng
RT: 8.323 min Scan# 857
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 146 Resp: 49285
Ion Ratio Lower Upper
146 100
148 66.9 51.9 77.9
75 41.9 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 49.420 ng

RT: 8.476 min Scan# 883

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

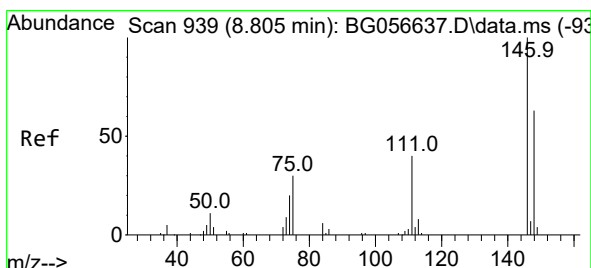
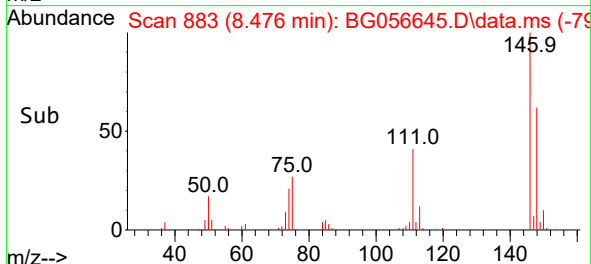
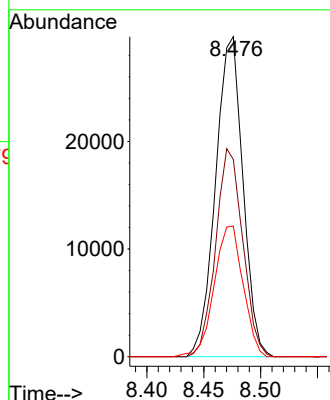
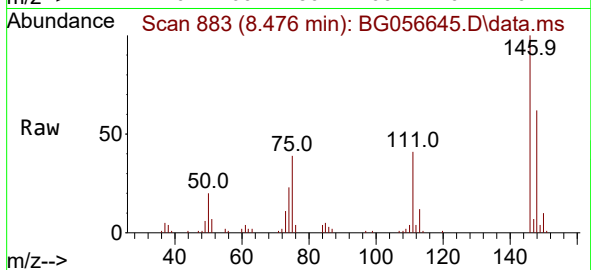
Tgt Ion:146 Resp: 49783

Ion Ratio Lower Upper

146 100

148 61.6 54.5 81.7

111 40.8 37.2 55.8



#14

1,2-Dichlorobenzene

Concen: 48.539 ng

RT: 8.799 min Scan# 938

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

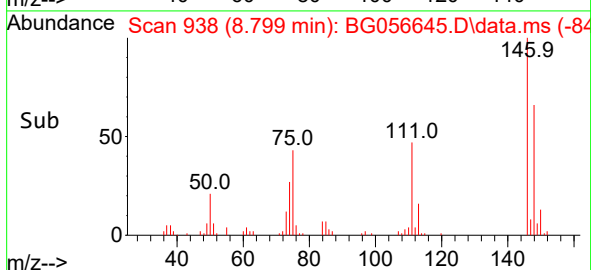
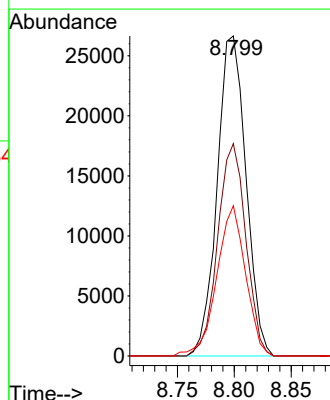
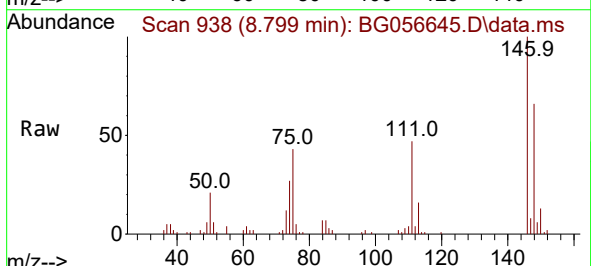
Tgt Ion:146 Resp: 46999

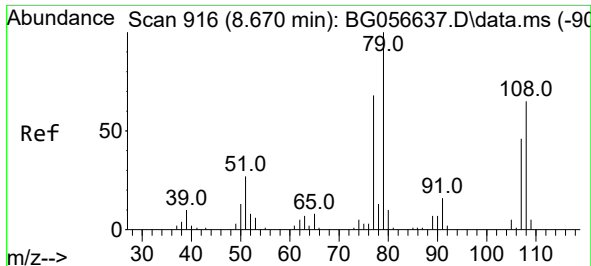
Ion Ratio Lower Upper

146 100

148 66.3 50.7 76.1

111 47.0 33.8 50.6

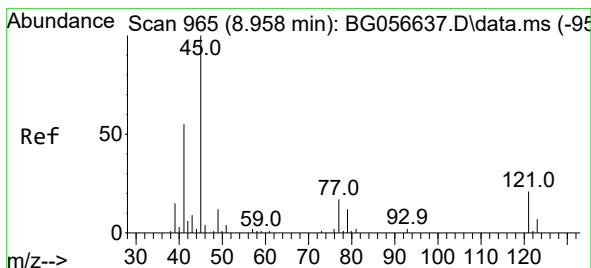
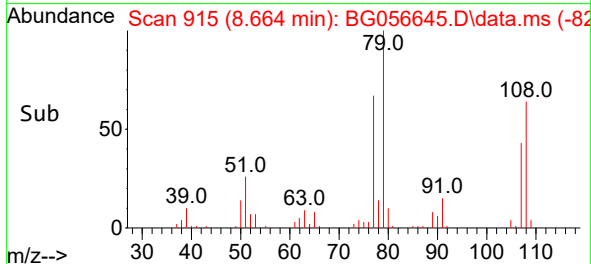
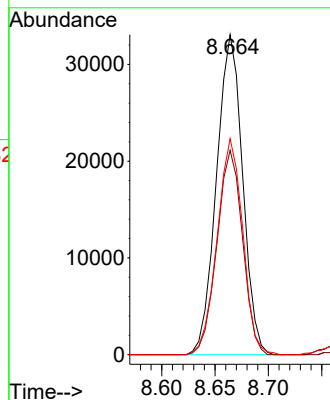
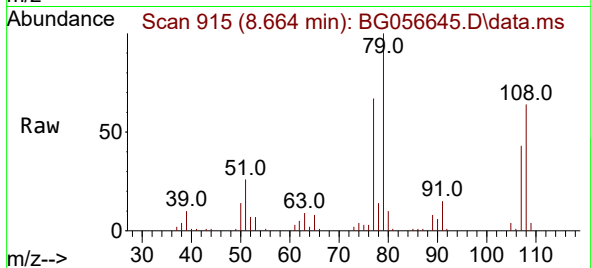




#15
Benzyl Alcohol
Concen: 50.118 ng
RT: 8.664 min Scan# 915
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

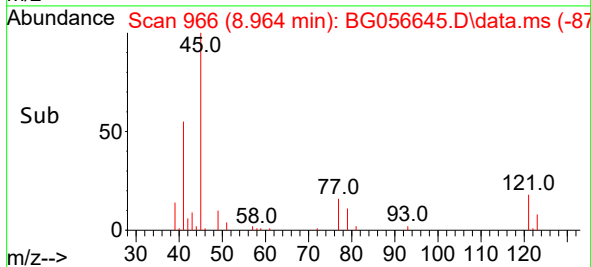
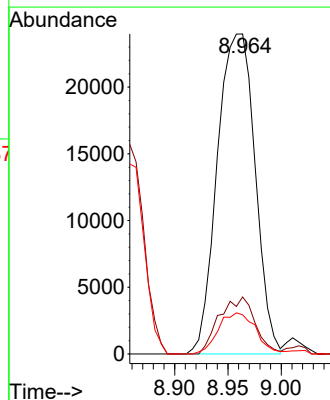
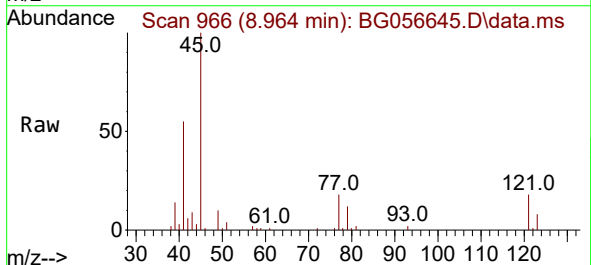
Instrument :
BNA_G
ClientSampleId :
PB150808BS

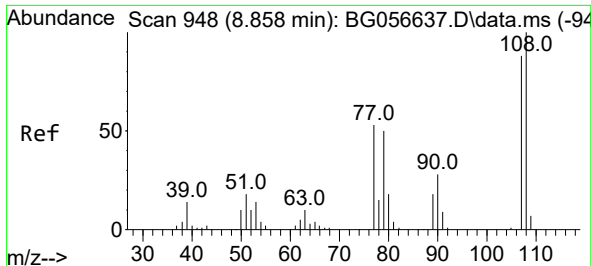
Tgt Ion: 79 Resp: 56247
Ion Ratio Lower Upper
79 100
108 63.8 52.0 78.0
77 67.5 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.781 ng
RT: 8.964 min Scan# 966
Delta R.T. 0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 45 Resp: 59127
Ion Ratio Lower Upper
45 100
77 17.8 0.0 36.5
79 12.2 0.0 31.6

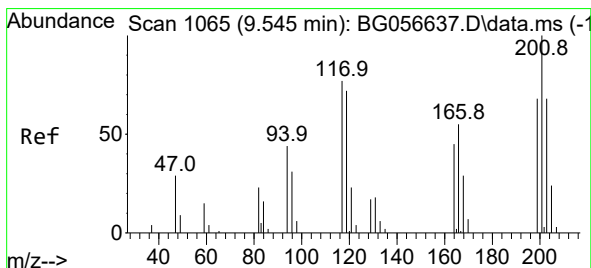
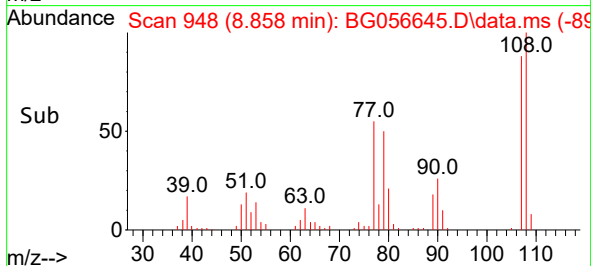
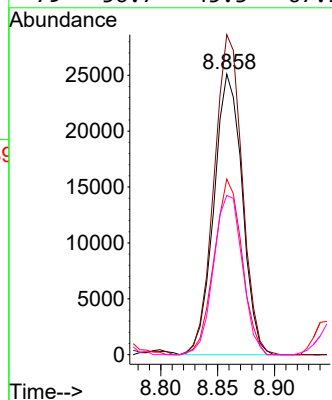
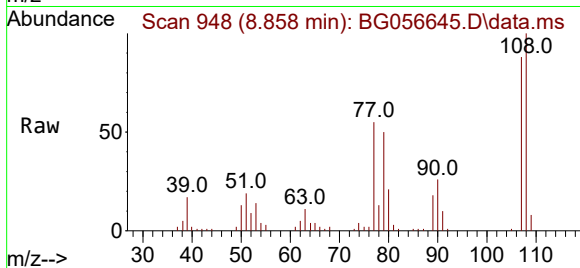




#17
2-Methylphenol
Concen: 48.261 ng
RT: 8.858 min Scan# 94
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

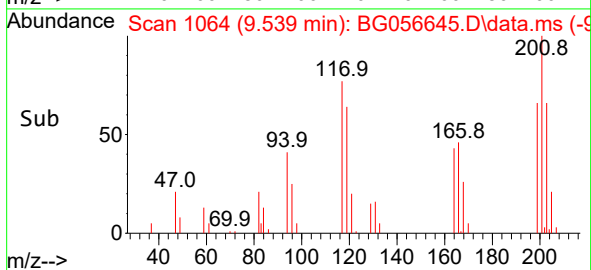
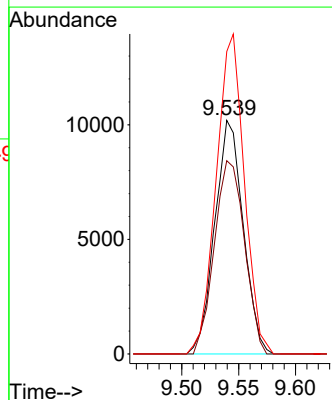
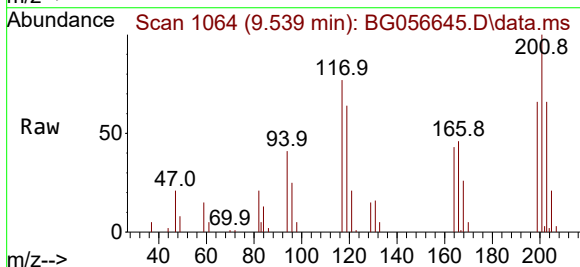
Instrument :
BNA_G
ClientSampleId :
PB150808BS

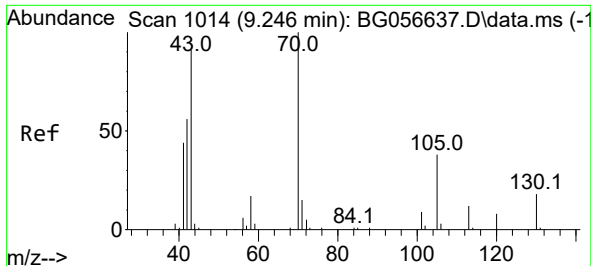
Tgt Ion:	107	Resp:	43484
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.3	136.9
77	62.6	48.5	72.7
79	56.7	45.3	67.9



#18
Hexachloroethane
Concen: 55.581 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:	117	Resp:	17736
Ion	Ratio	Lower	Upper
117	100		
119	82.7	74.1	111.1
201	129.4	106.4	159.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.115 ng

RT: 9.240 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

Tgt Ion: 70 Resp: 42333

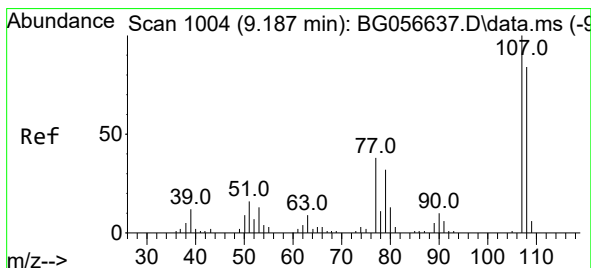
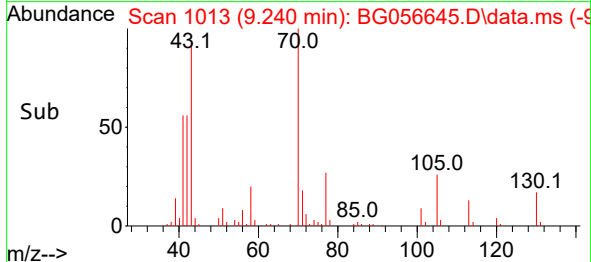
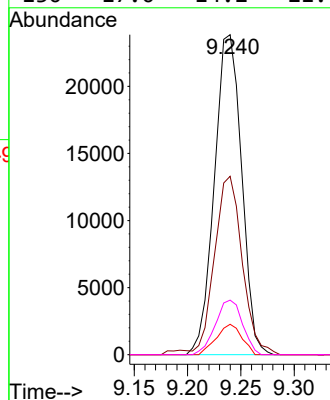
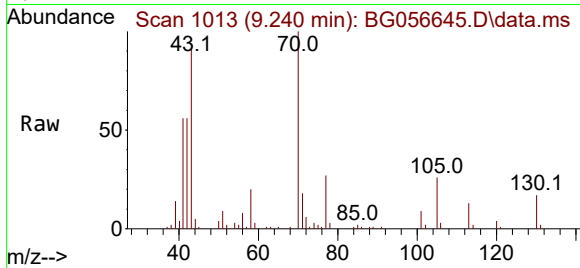
Ion Ratio Lower Upper

70 100

42 55.8 45.7 68.5

101 9.5 7.4 11.0

130 17.0 14.2 21.4



#20

3+4-Methylphenols

Concen: 48.987 ng

RT: 9.187 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Tgt Ion:107 Resp: 60633

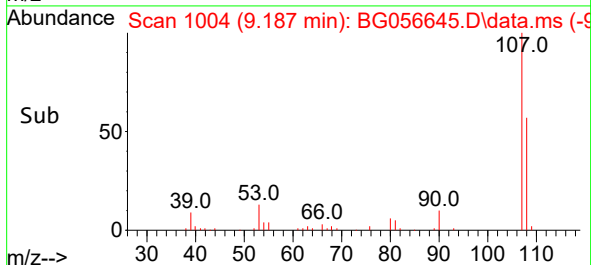
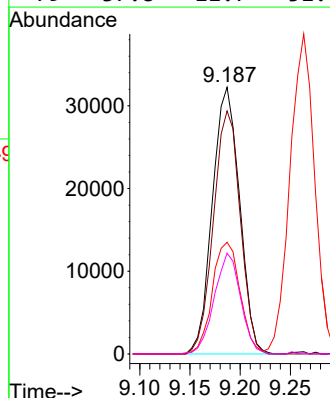
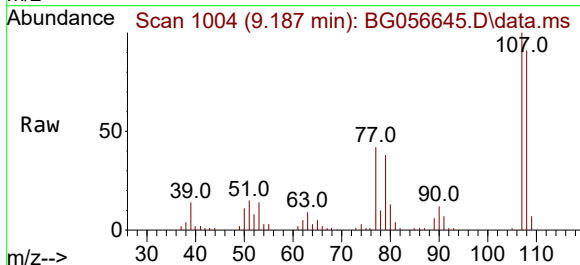
Ion Ratio Lower Upper

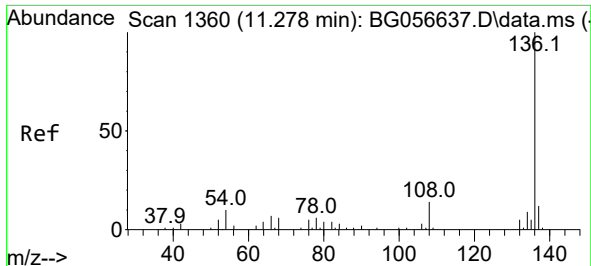
107 100

108 91.1 64.3 104.3

77 41.9 17.8 57.8

79 37.8 11.7 51.7

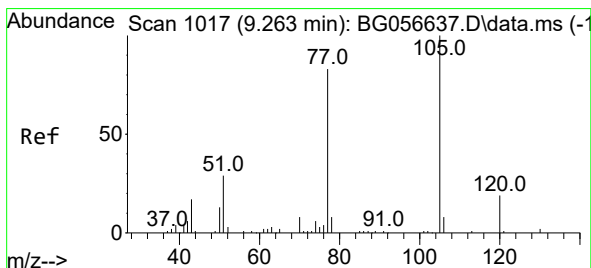
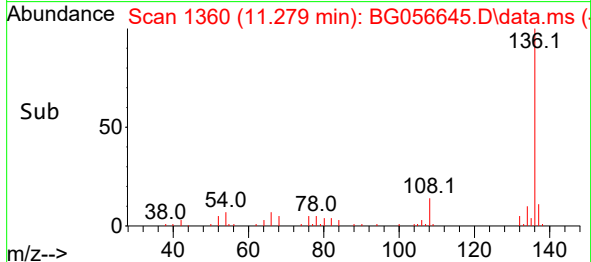
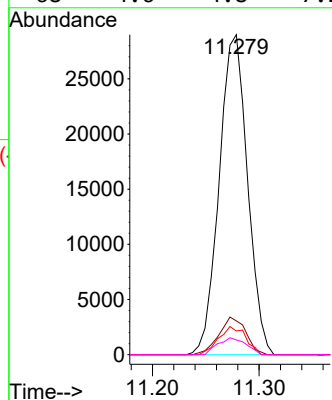
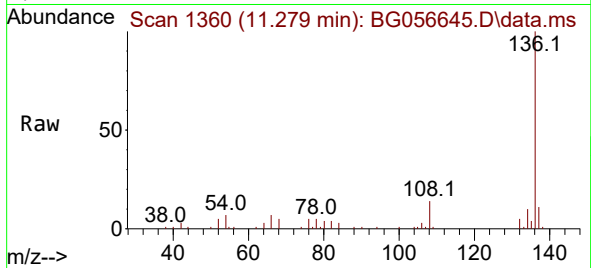




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.279 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

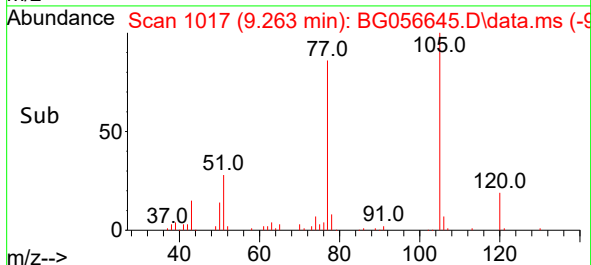
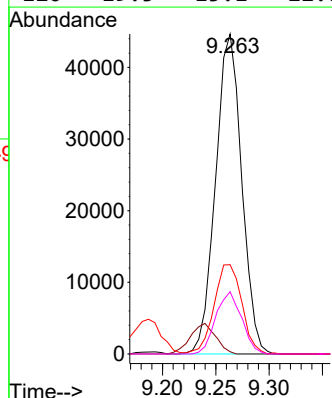
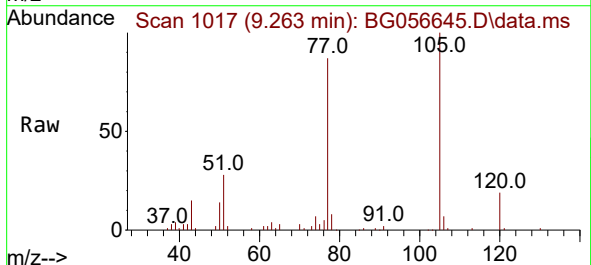
Instrument :
BNA_G
ClientSampleId :
PB150808BS

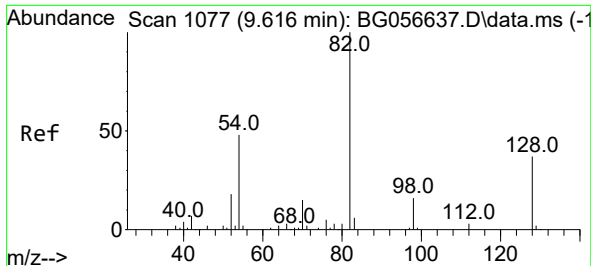
Tgt Ion:136 Resp: 53450
Ion Ratio Lower Upper
136 100
137 10.6 9.7 14.5
54 7.4 7.7 11.5#
68 4.6 4.8 7.2#



#22
Acetophenone
Concen: 46.560 ng
RT: 9.263 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:105 Resp: 76040
Ion Ratio Lower Upper
105 100
71 0.7 1.4 2.0#
51 27.9 23.9 35.9
120 19.5 15.1 22.7





#23
Nitrobenzene-d5
Concen: 81.043 ng
RT: 9.610 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

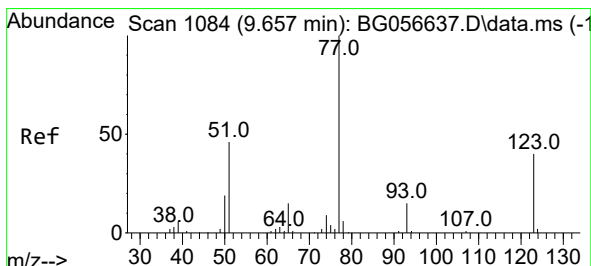
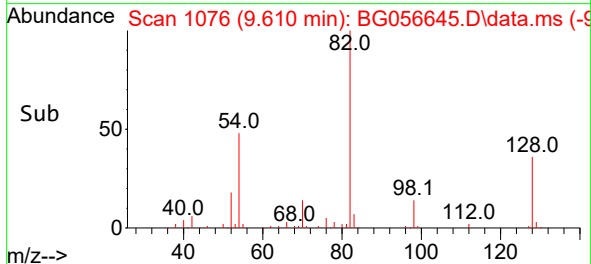
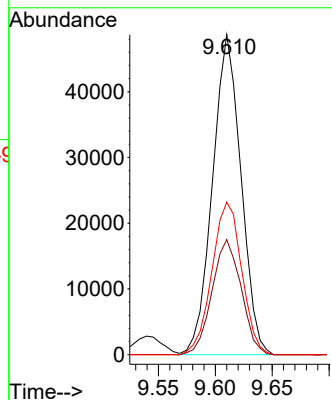
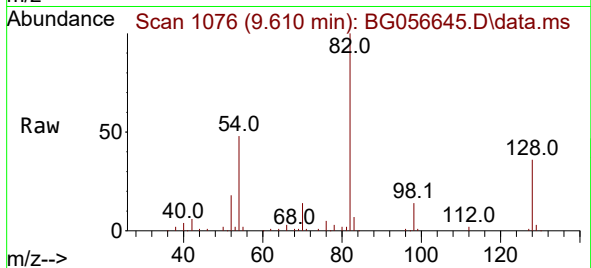
Instrument :

BNA_G

ClientSampleId :

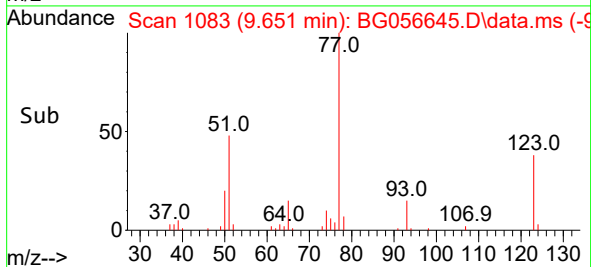
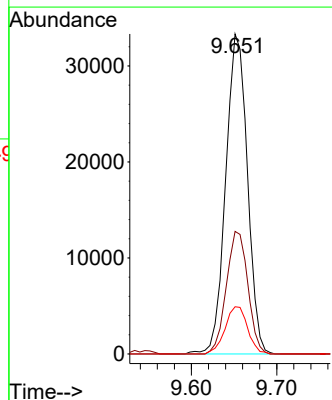
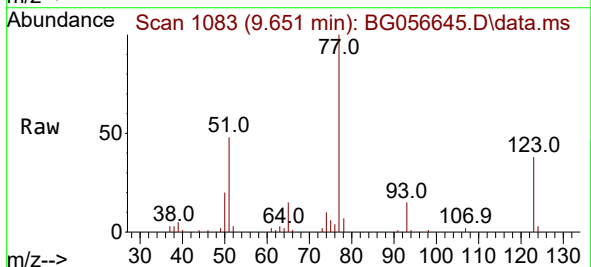
PB150808BS

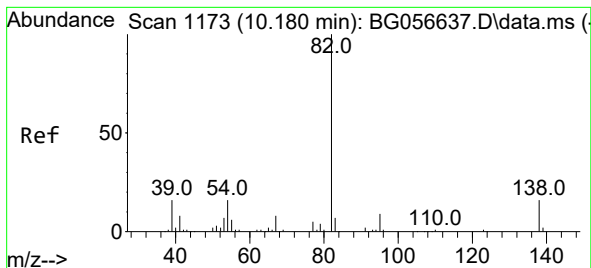
Tgt Ion: 82 Resp: 84603
Ion Ratio Lower Upper
82 100
128 35.9 29.4 44.2
54 47.7 37.8 56.6



#24
Nitrobenzene
Concen: 48.418 ng
RT: 9.651 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 77 Resp: 58903
Ion Ratio Lower Upper
77 100
123 38.3 31.8 47.8
65 14.8 12.0 18.0





#25

Isophorone

Concen: 45.765 ng

RT: 10.174 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

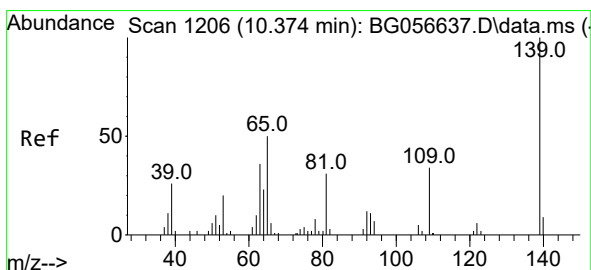
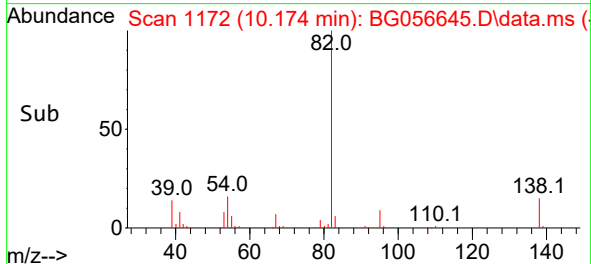
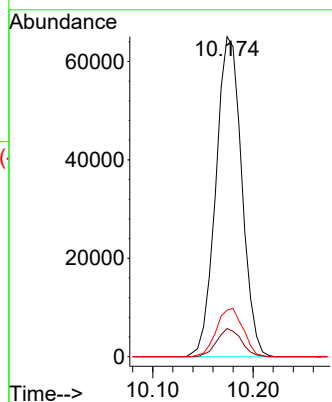
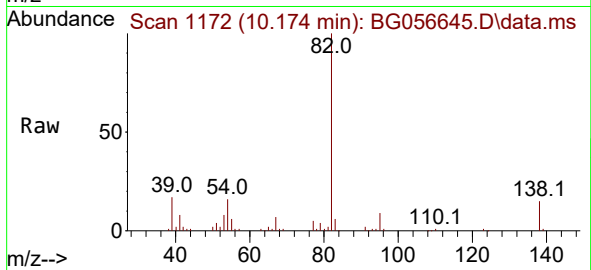
Tgt Ion: 82 Resp: 116271

Ion Ratio Lower Upper

82 100

95 8.8 7.0 10.4

138 14.6 12.9 19.3



#26

2-Nitrophenol

Concen: 51.931 ng

RT: 10.374 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

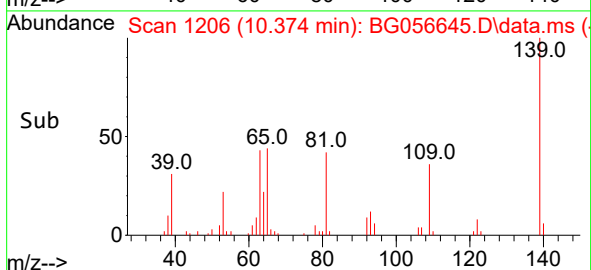
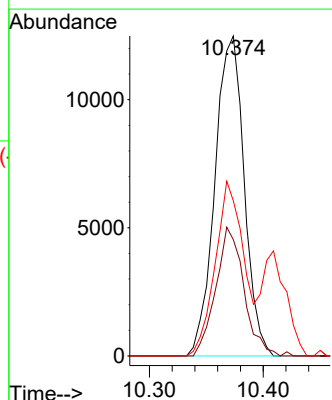
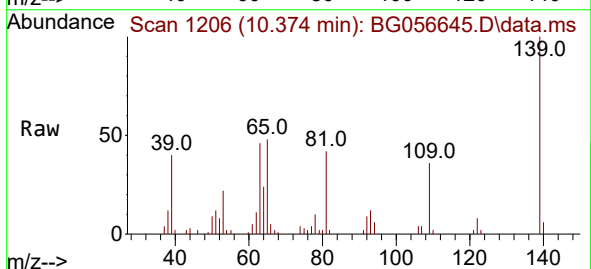
Tgt Ion:139 Resp: 22322

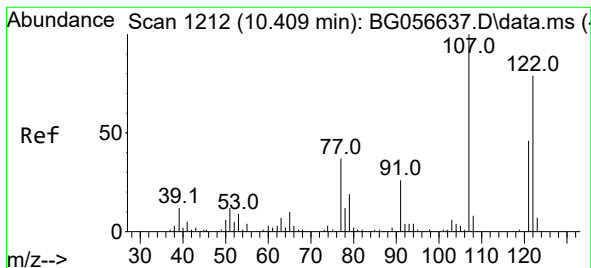
Ion Ratio Lower Upper

139 100

109 36.3 27.0 40.6

65 48.5 40.0 60.0

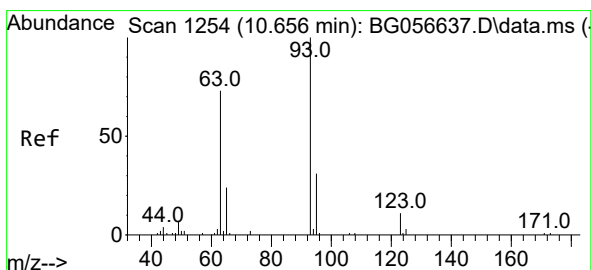
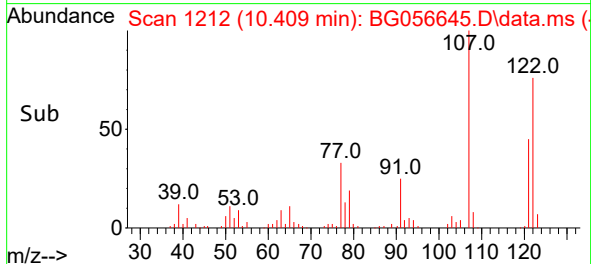
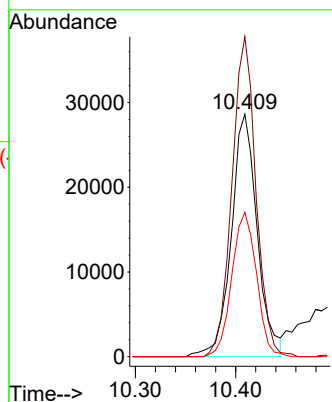
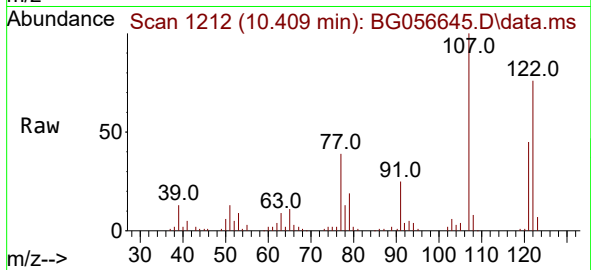




#27
2,4-Dimethylphenol
Concen: 52.296 ng
RT: 10.409 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

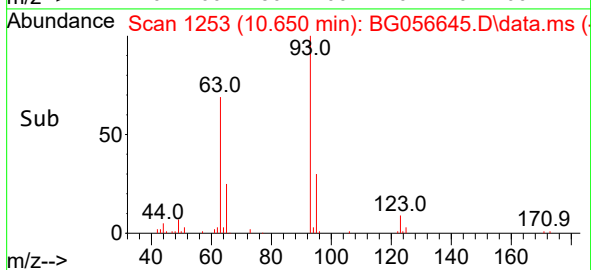
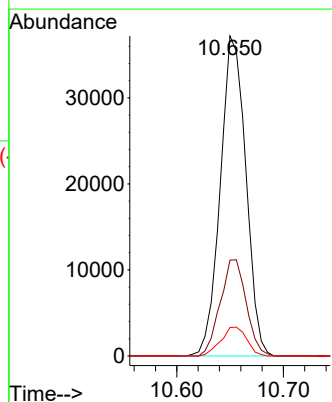
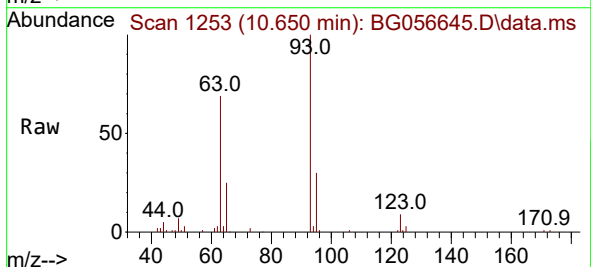
Instrument :
BNA_G
ClientSampleId :
PB150808BS

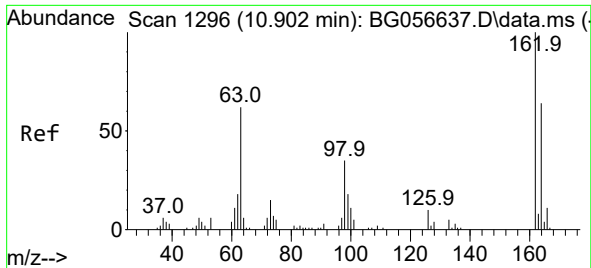
Tgt Ion:122 Resp: 51368
Ion Ratio Lower Upper
122 100
107 131.9 101.6 152.4
121 59.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.729 ng
RT: 10.650 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 93 Resp: 61798
Ion Ratio Lower Upper
93 100
95 29.9 24.5 36.7
123 8.9 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 54.547 ng

RT: 10.908 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

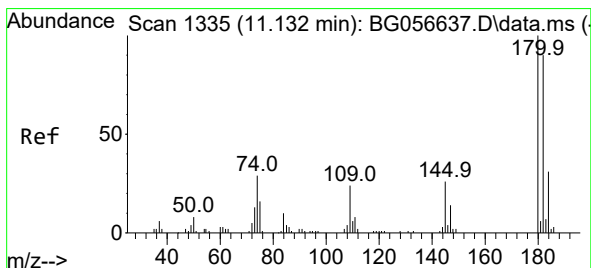
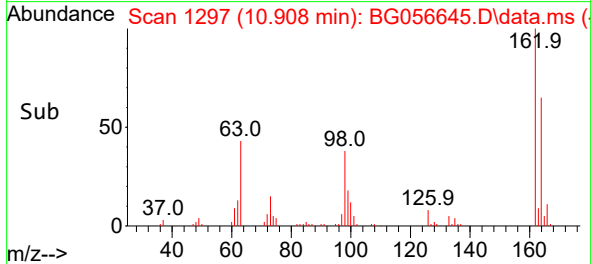
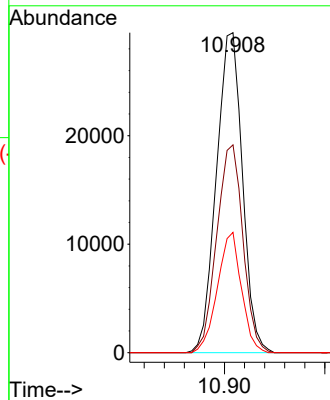
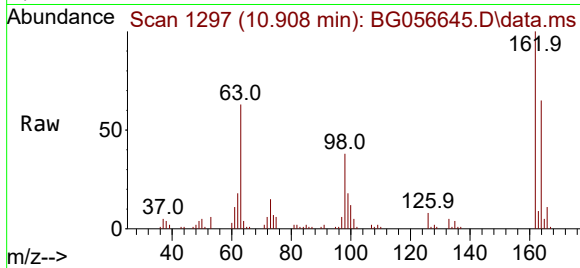
Tgt Ion:162 Resp: 53102

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

98 37.6 14.8 54.8



#30

1,2,4-Trichlorobenzene

Concen: 49.240 ng

RT: 11.132 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

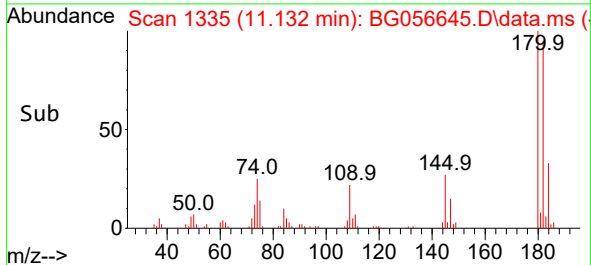
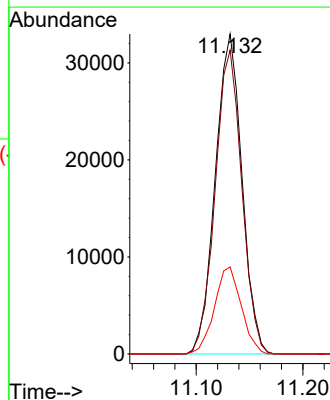
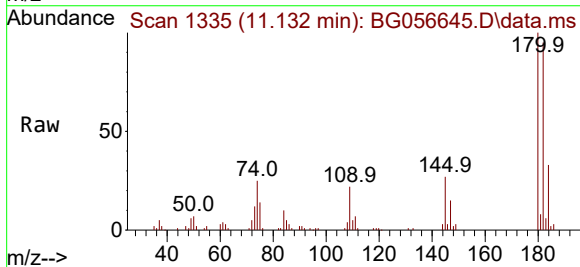
Tgt Ion:180 Resp: 57103

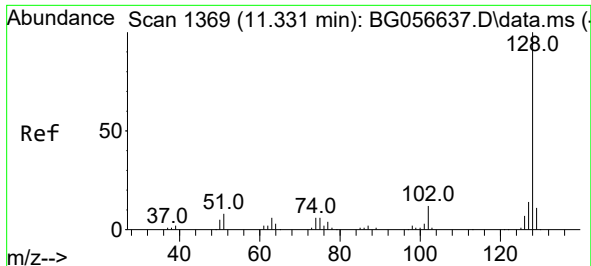
Ion Ratio Lower Upper

180 100

182 95.0 71.7 107.5

145 27.2 20.6 30.8

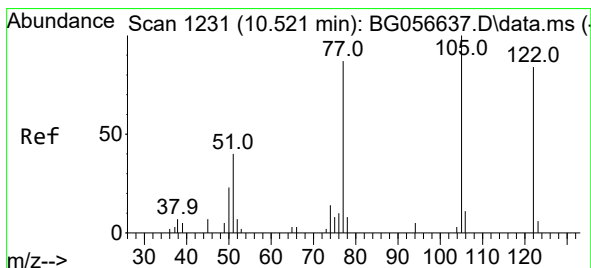
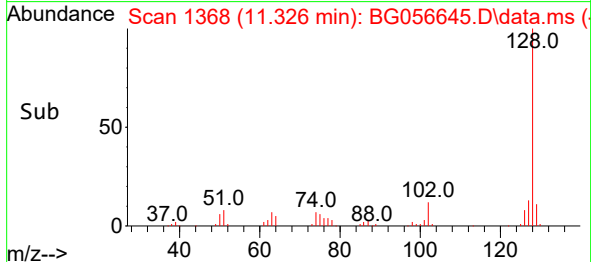
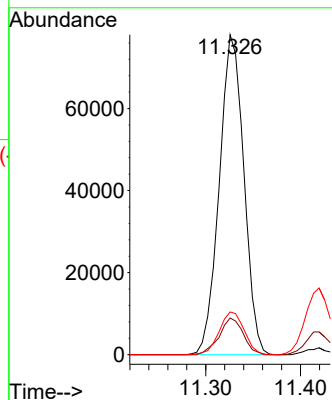
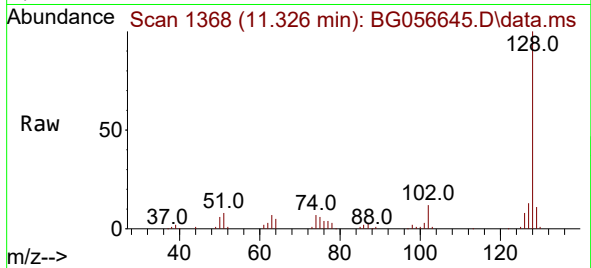




#31
Naphthalene
Concen: 47.442 ng
RT: 11.326 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

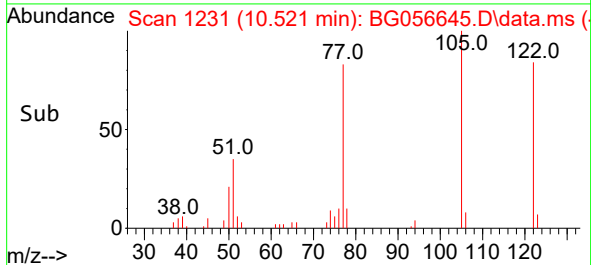
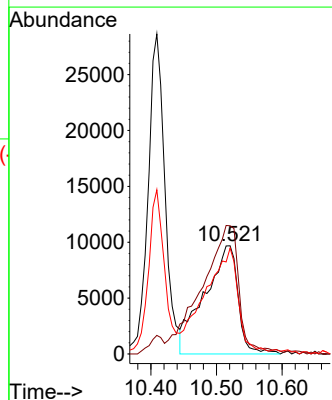
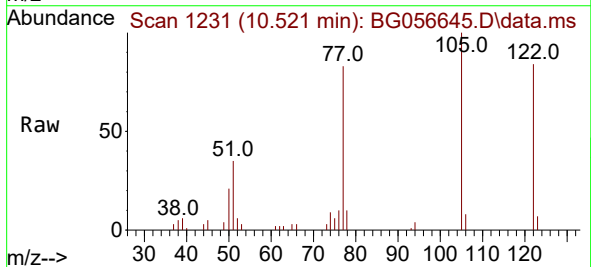
Instrument :
BNA_G
ClientSampleId :
PB150808BS

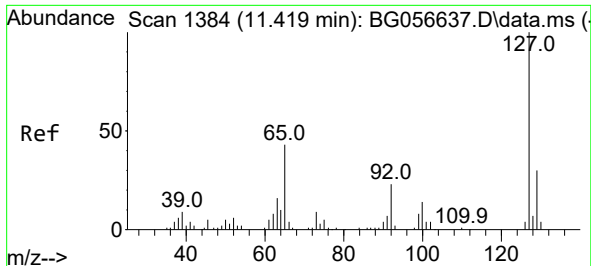
Tgt Ion:128 Resp: 140539
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 54.206 ng
RT: 10.521 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:122 Resp: 34317
Ion Ratio Lower Upper
122 100
105 118.5 100.5 140.5
77 98.0 80.8 120.8

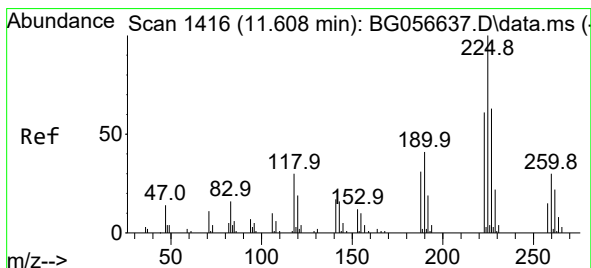
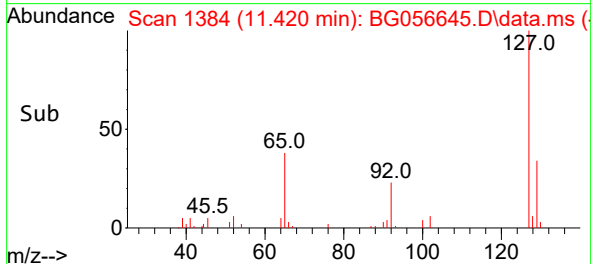
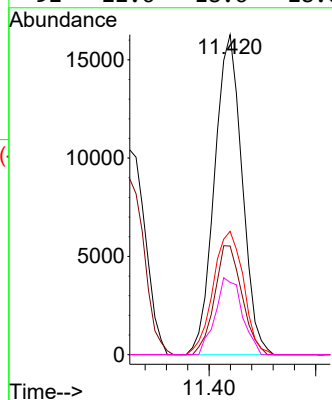
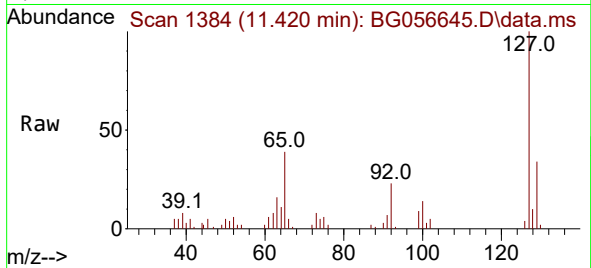




#33
4-Chloroaniline
Concen: 21.599 ng
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

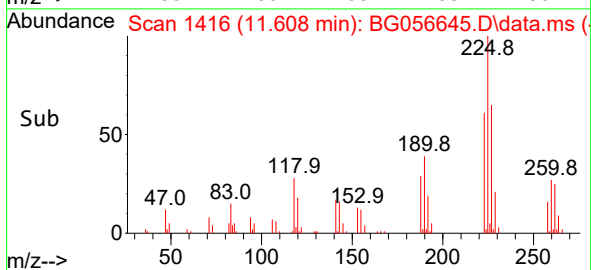
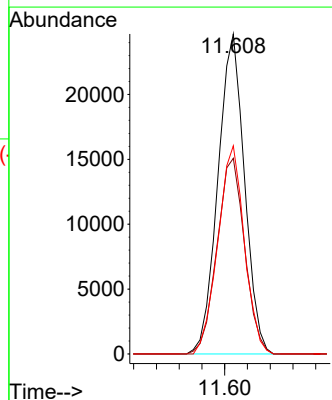
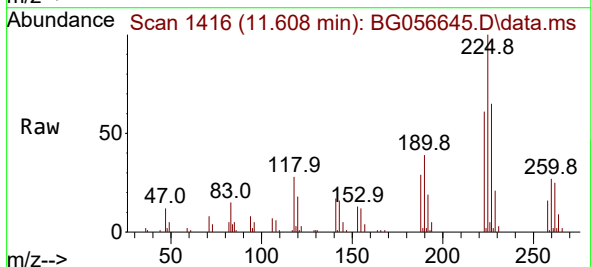
Instrument :
BNA_G
ClientSampleId :
PB150808BS

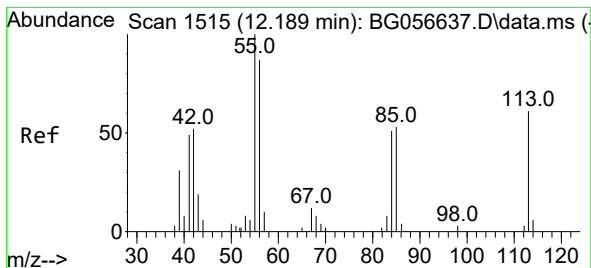
Tgt Ion:	127	Resp:	29232
Ion Ratio	Lower	Upper	
127	100		
129	33.9	24.1	36.1
65	38.6	34.3	51.5
92	22.6	18.6	28.0



#34
Hexachlorobutadiene
Concen: 48.220 ng
RT: 11.608 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:	225	Resp:	39962
Ion Ratio	Lower	Upper	
225	100		
223	61.2	48.5	72.7
227	65.1	50.2	75.4





#35

Caprolactam

Concen: 22.388 ng

RT: 12.230 min Scan# 1515

Delta R.T. 0.041 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

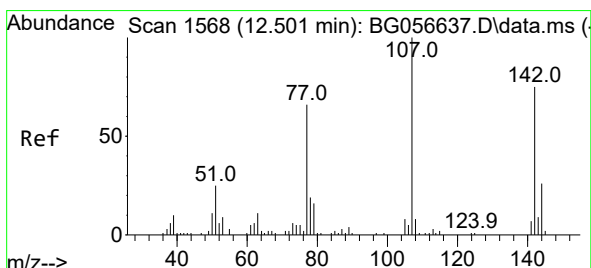
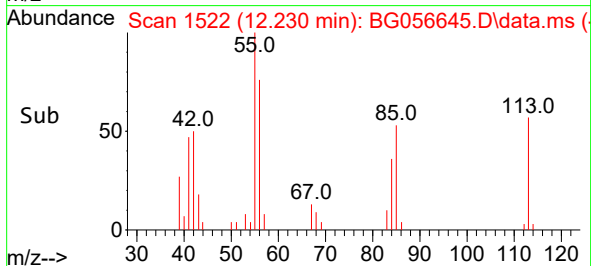
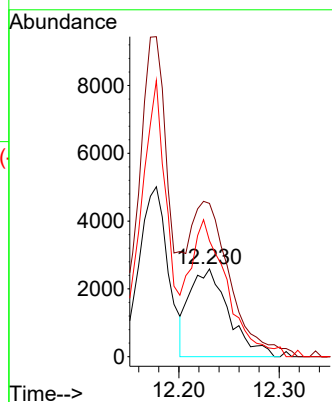
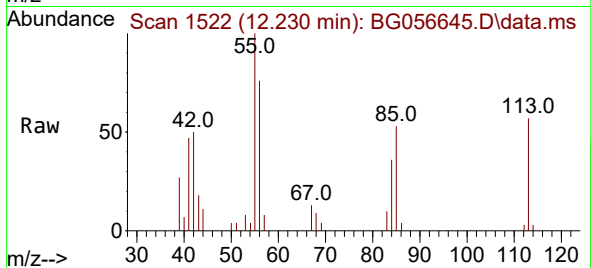
Tgt Ion:113 Resp: 7010

Ion Ratio Lower Upper

113 100

55 174.9 145.0 185.0

56 132.1 122.9 162.9



#36

4-Chloro-3-methylphenol

Concen: 52.852 ng

RT: 12.501 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

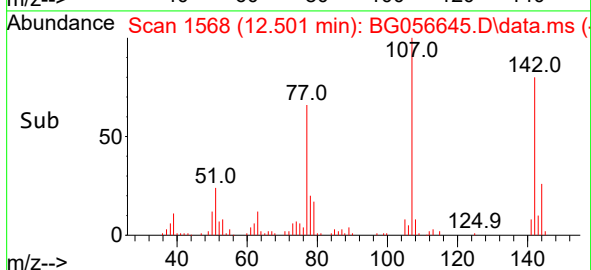
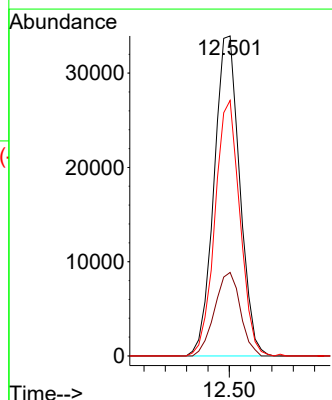
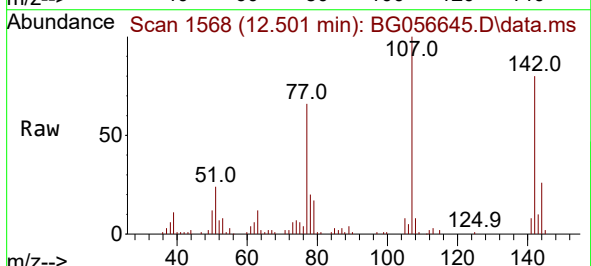
Tgt Ion:107 Resp: 56741

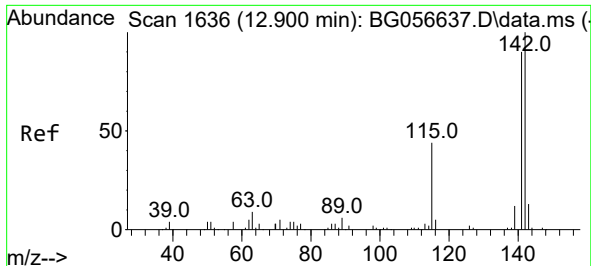
Ion Ratio Lower Upper

107 100

144 26.1 21.0 31.4

142 79.8 60.1 90.1

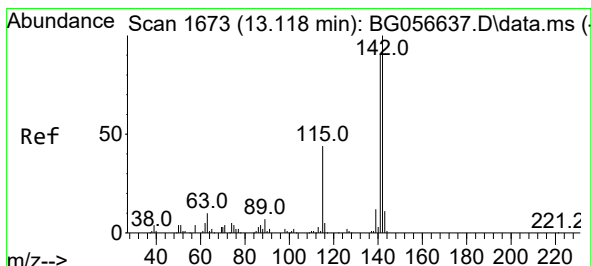
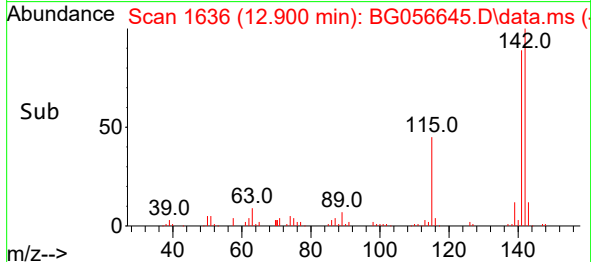
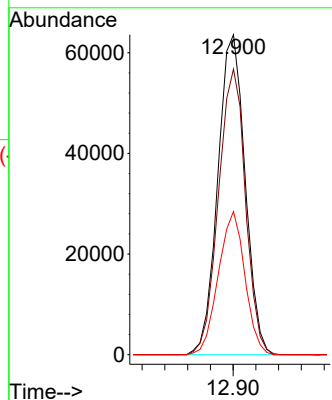
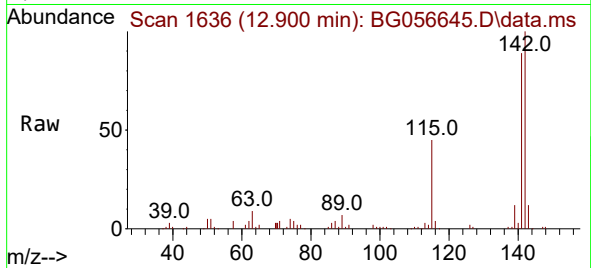




#37
2-Methylnaphthalene
Concen: 45.202 ng
RT: 12.900 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

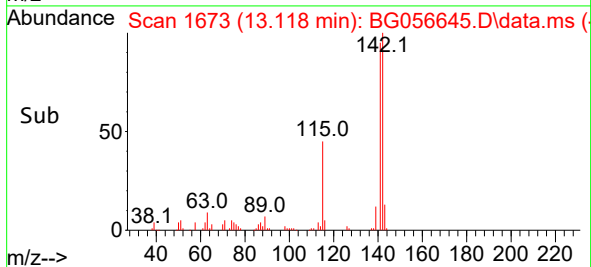
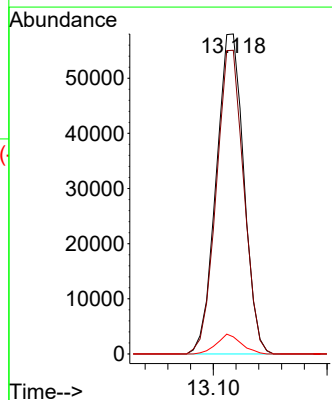
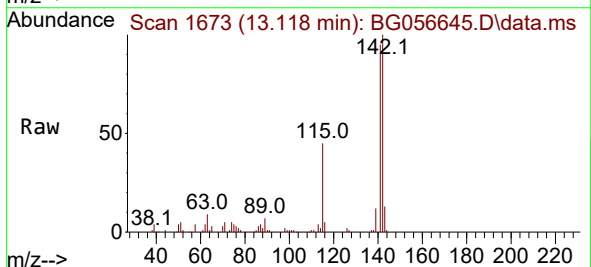
Instrument :
BNA_G
ClientSampleId :
PB150808BS

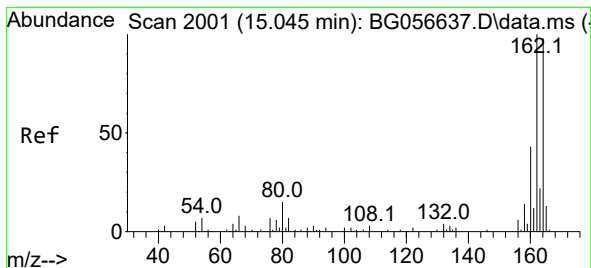
Tgt Ion:142 Resp: 105727
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9
115 44.8 35.1 52.7



#38
1-Methylnaphthalene
Concen: 44.861 ng
RT: 13.118 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:142 Resp: 97912
Ion Ratio Lower Upper
142 100
141 94.9 72.7 109.1
116 5.4 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.039 min Scan# 20

Delta R.T. -0.006 min

Lab File: BG056645.D

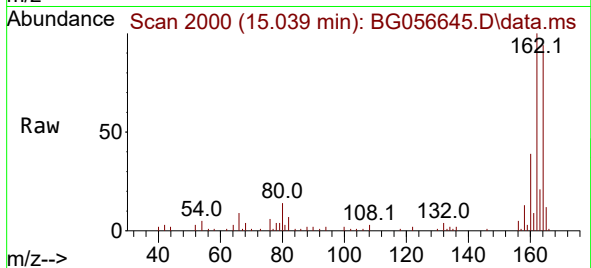
Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS



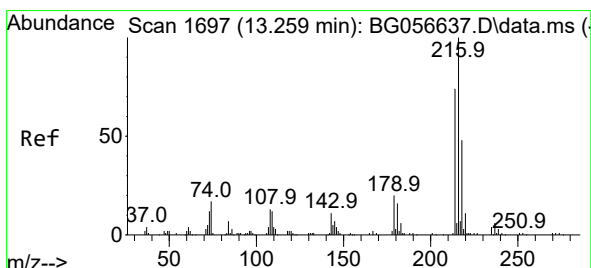
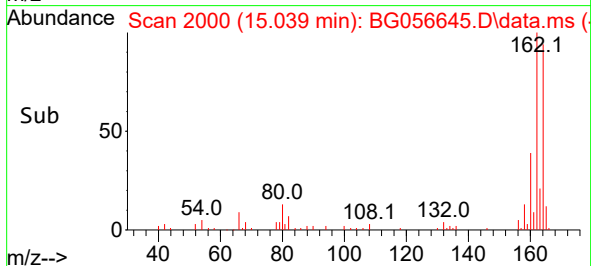
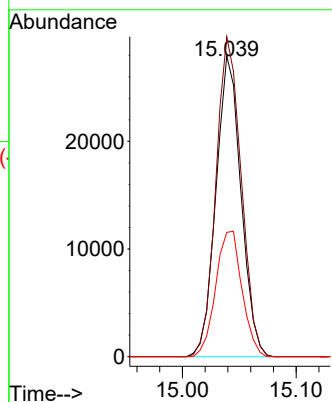
Tgt Ion:164 Resp: 42607

Ion Ratio Lower Upper

164 100

162 106.4 81.3 121.9

160 41.3 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.630 ng

RT: 13.259 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Tgt Ion:216 Resp: 75441

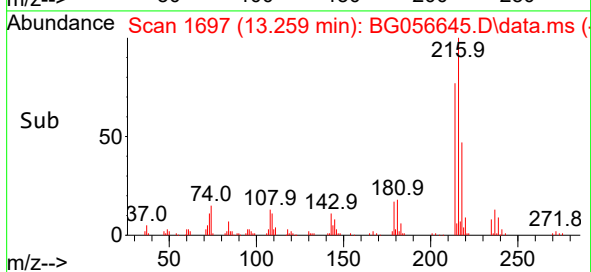
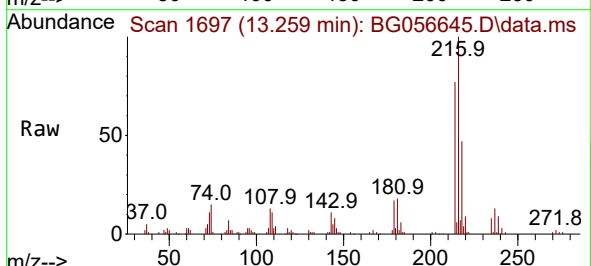
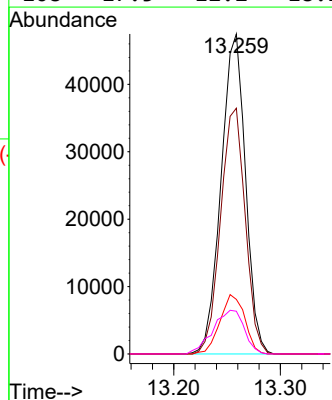
Ion Ratio Lower Upper

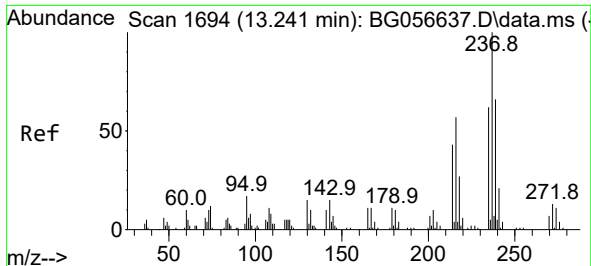
216 100

214 77.4 61.8 92.8

179 18.8 15.1 22.7

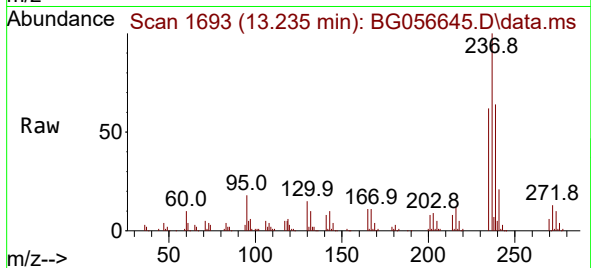
108 17.5 12.2 18.2



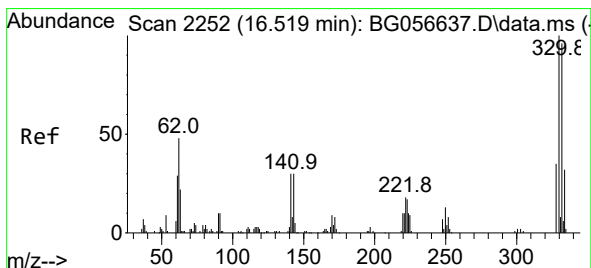
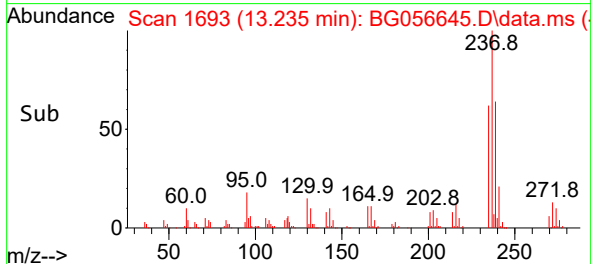
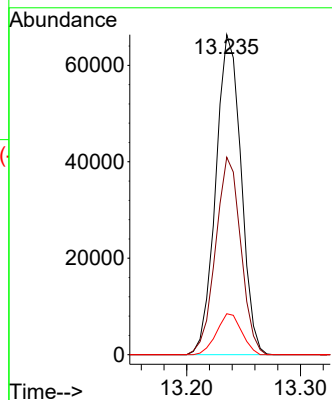


#41
Hexachlorocyclopentadiene
Concen: 119.251 ng
RT: 13.235 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Instrument :
BNA_G
ClientSampleId :
PB150808BS

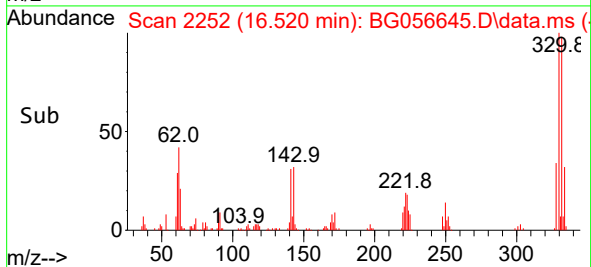
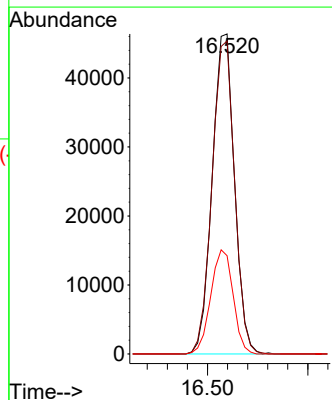
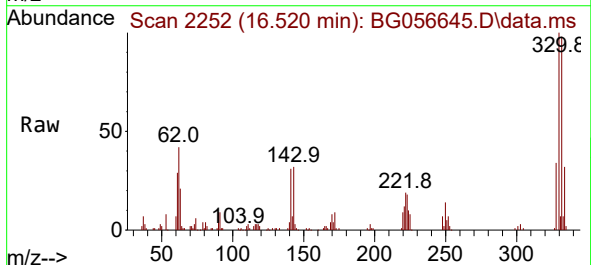


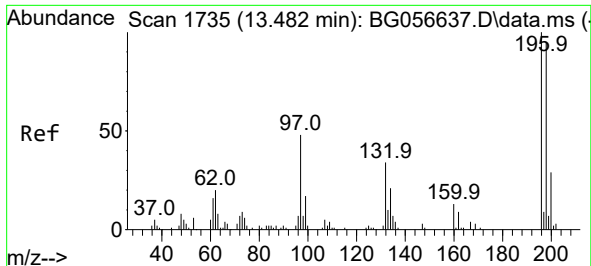
Tgt Ion:237 Resp: 102446
Ion Ratio Lower Upper
237 100
235 61.7 41.6 81.6
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 122.062 ng
RT: 16.520 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:330 Resp: 71204
Ion Ratio Lower Upper
330 100
332 99.1 75.7 113.5
141 32.7 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 54.098 ng

RT: 13.482 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

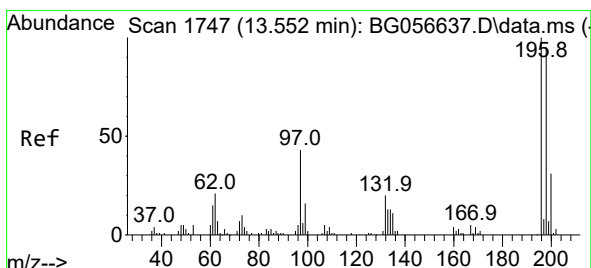
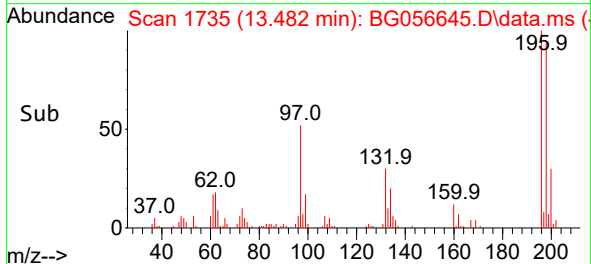
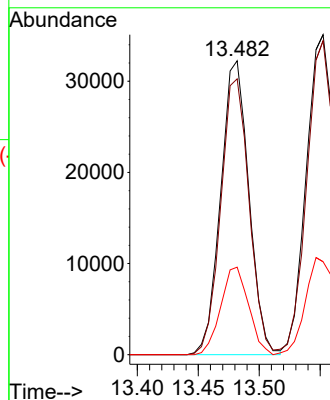
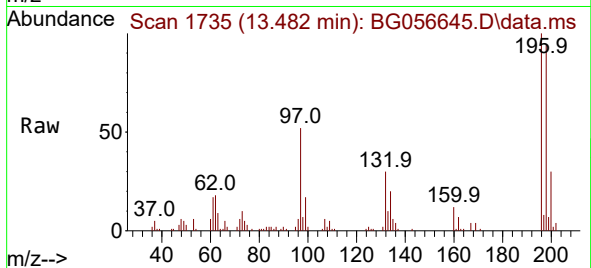
Tgt Ion:196 Resp: 51988

Ion Ratio Lower Upper

196 100

198 93.8 76.2 114.2

200 29.8 23.2 34.8



#44

2,4,5-Trichlorophenol

Concen: 49.979 ng

RT: 13.552 min Scan# 1747

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Tgt Ion:196 Resp: 57564

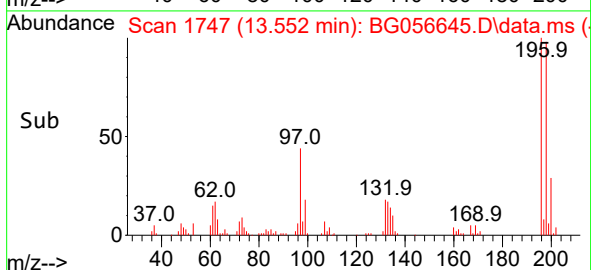
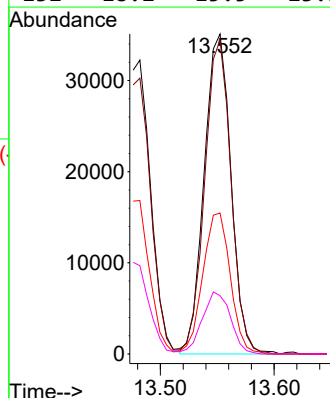
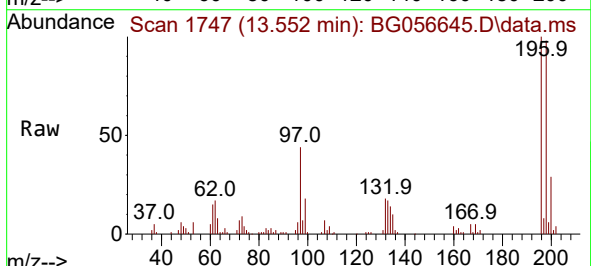
Ion Ratio Lower Upper

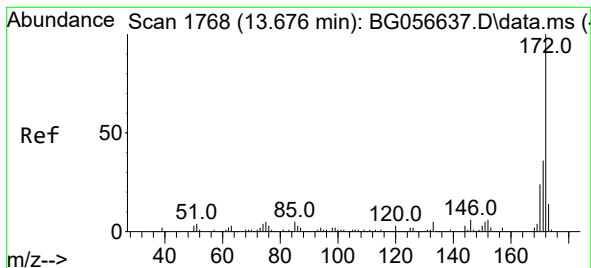
196 100

198 98.1 76.2 114.4

97 44.1 34.9 52.3

132 18.2 15.5 23.3





#45

2-Fluorobiphenyl

Concen: 72.112 ng

RT: 13.670 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

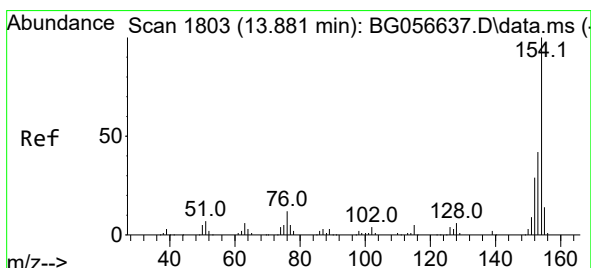
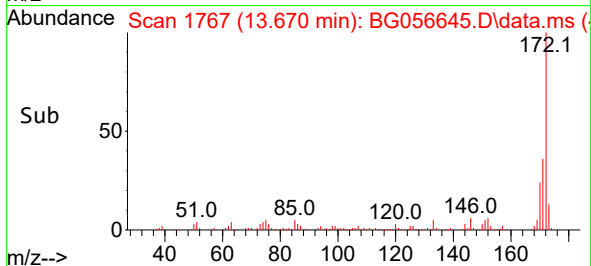
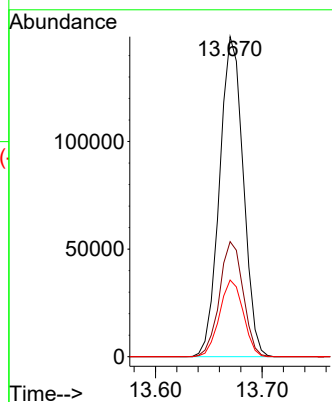
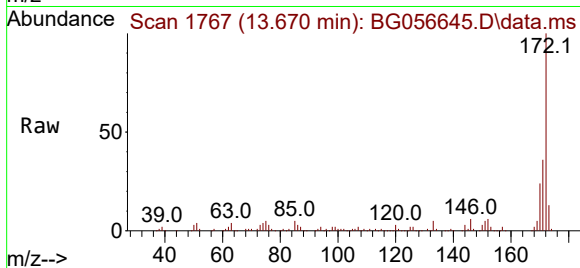
Tgt Ion:172 Resp: 229449

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 47.043 ng

RT: 13.881 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

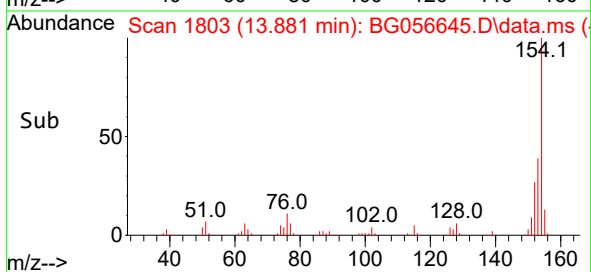
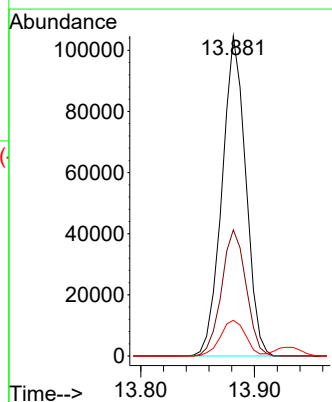
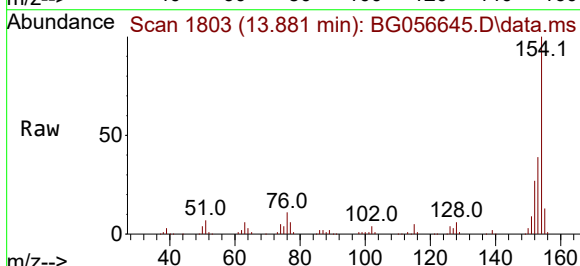
Tgt Ion:154 Resp: 151834

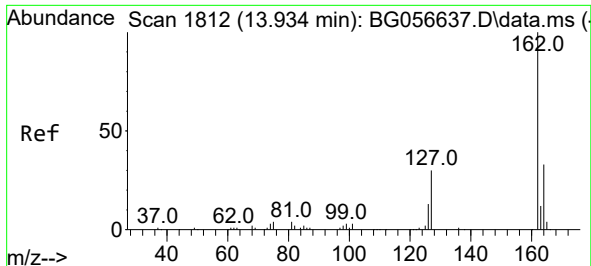
Ion Ratio Lower Upper

154 100

153 39.4 21.9 61.9

76 11.2 0.0 31.9

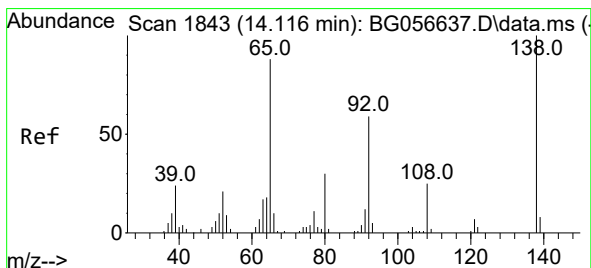
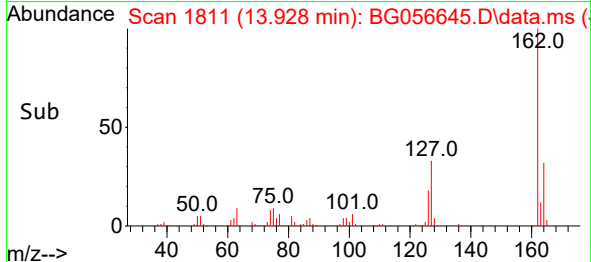
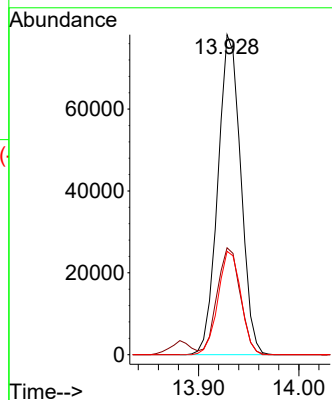
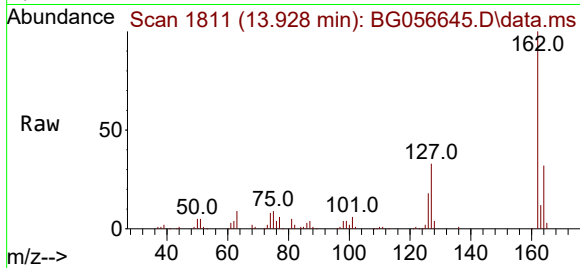




#47
2-Chloronaphthalene
Concen: 48.523 ng
RT: 13.928 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

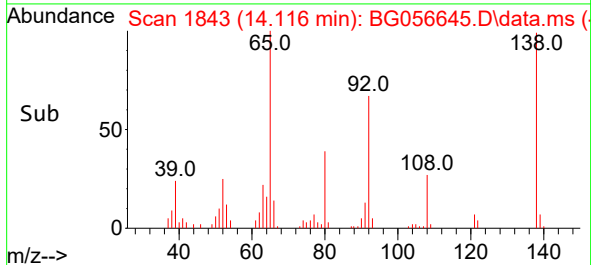
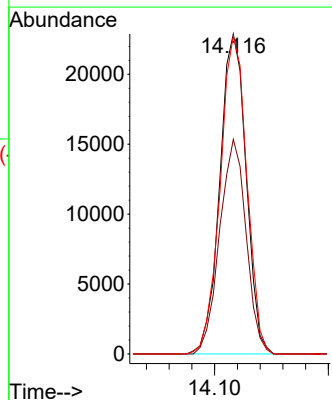
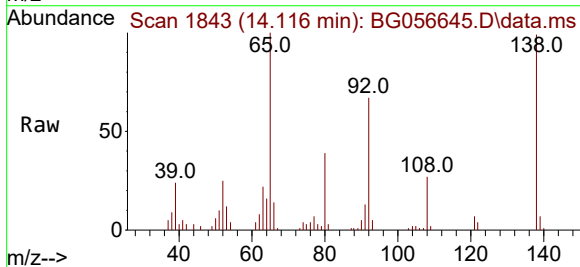
Instrument :
BNA_G
ClientSampleId :
PB150808BS

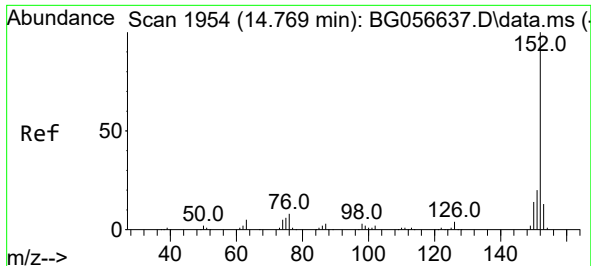
Tgt Ion:162 Resp: 123931
Ion Ratio Lower Upper
162 100
127 33.4 27.5 41.3
164 32.3 26.5 39.7



#48
2-Nitroaniline
Concen: 49.185 ng
RT: 14.116 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion: 65 Resp: 36703
Ion Ratio Lower Upper
65 100
92 67.0 53.8 80.6
138 99.3 90.6 135.8

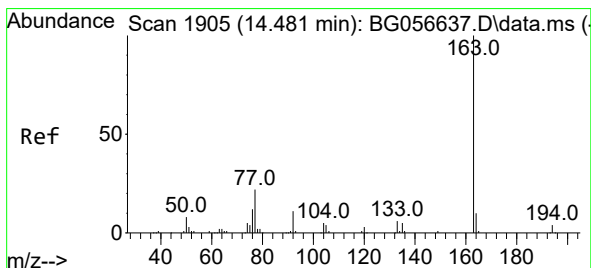
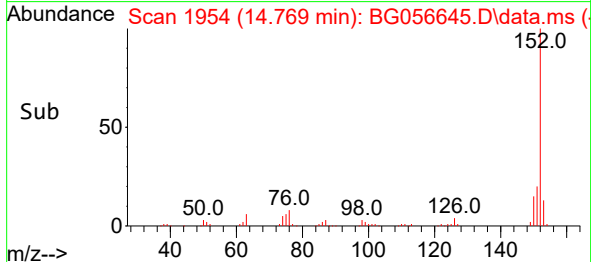
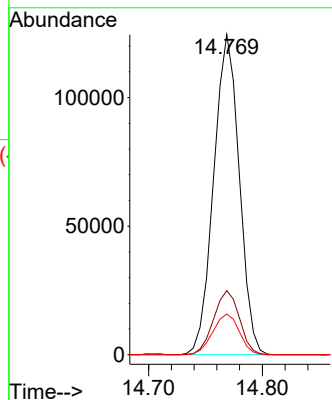
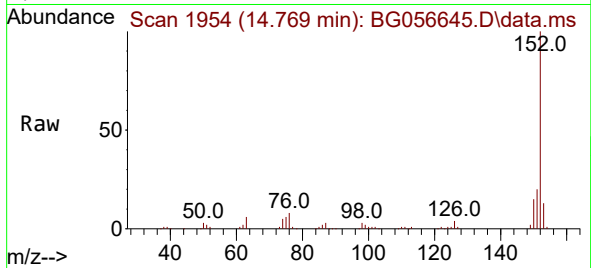




#49
Acenaphthylene
Concen: 46.846 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

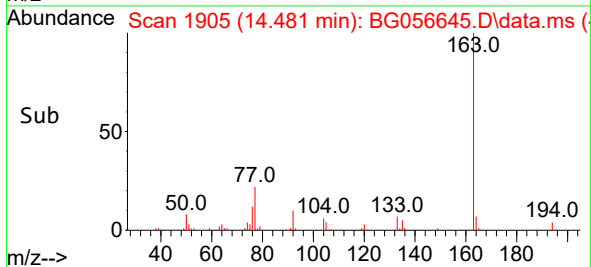
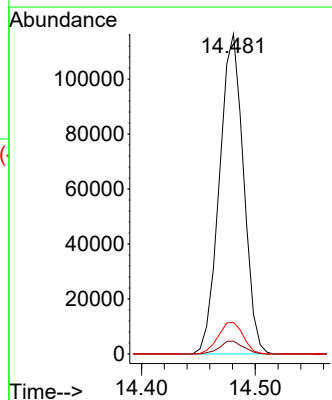
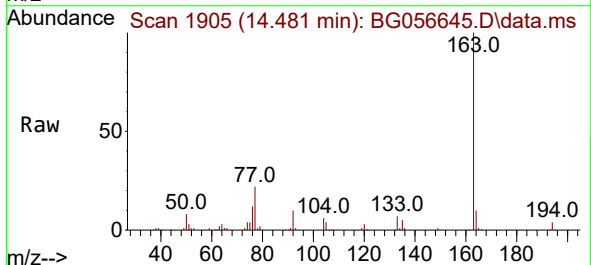
Instrument :
BNA_G
ClientSampleId :
PB150808BS

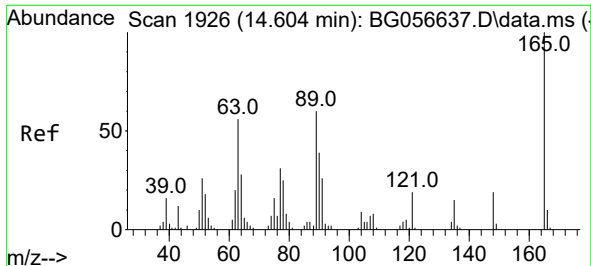
Tgt Ion:152 Resp: 194413
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 12.7 10.3 15.5



#50
Dimethylphthalate
Concen: 48.506 ng
RT: 14.481 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:163 Resp: 170849
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.9 8.2 12.2

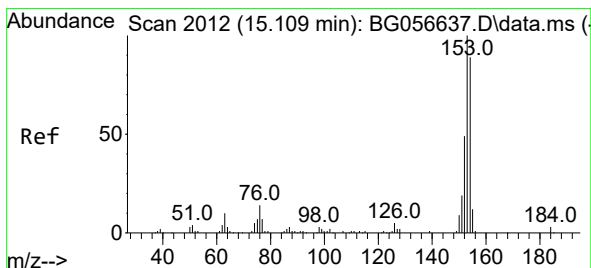
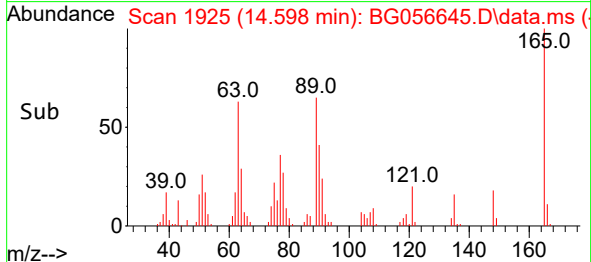
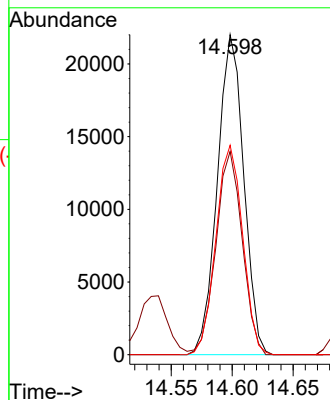
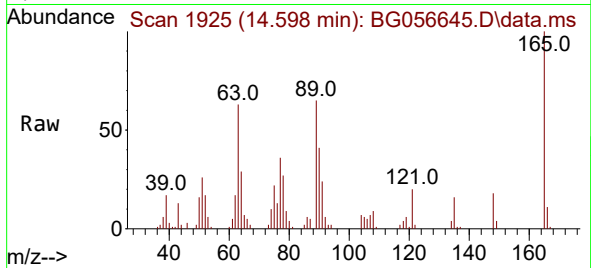




#51
2,6-Dinitrotoluene
Concen: 48.391 ng
RT: 14.598 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

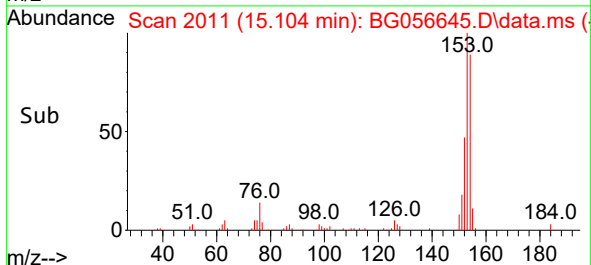
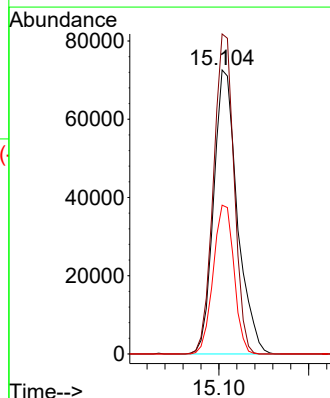
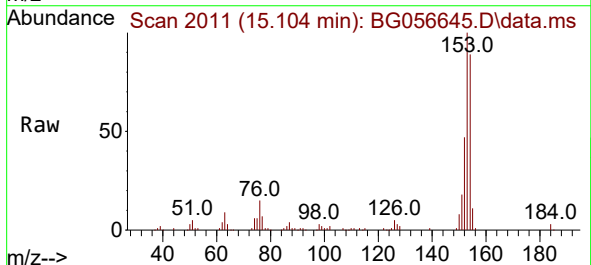
Instrument :
BNA_G
ClientSampleId :
PB150808BS

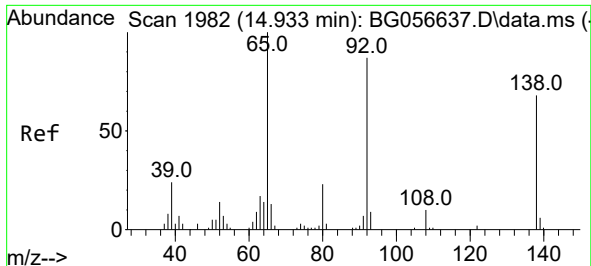
Tgt Ion:165 Resp: 33203
Ion Ratio Lower Upper
165 100
63 63.5 45.8 68.8
89 65.5 48.2 72.2



#52
Acenaphthene
Concen: 51.897 ng
RT: 15.104 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:154 Resp: 132851
Ion Ratio Lower Upper
154 100
153 112.7 89.5 134.3
152 52.4 43.7 65.5

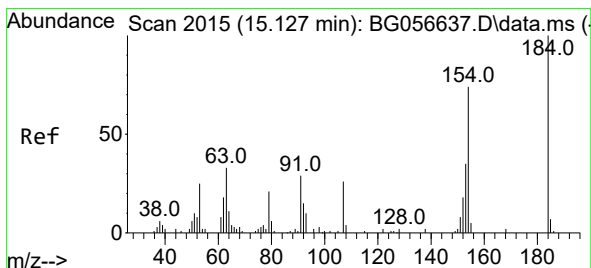
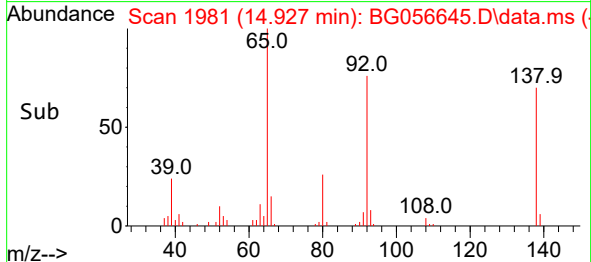
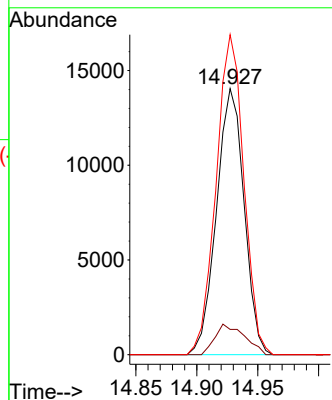
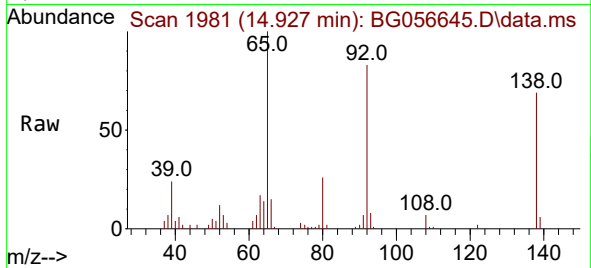




#53
3-Nitroaniline
Concen: 32.409 ng
RT: 14.927 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

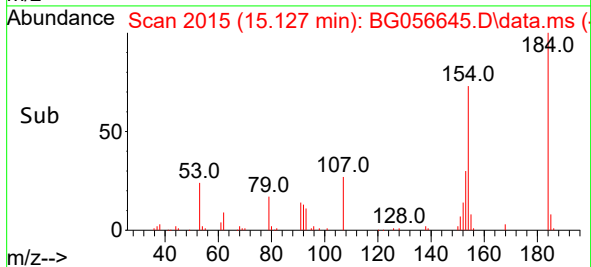
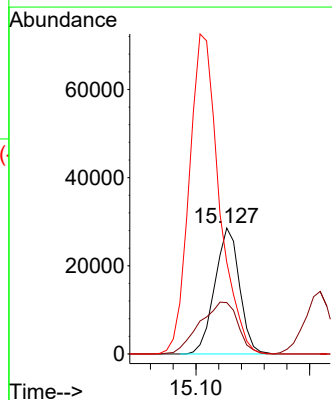
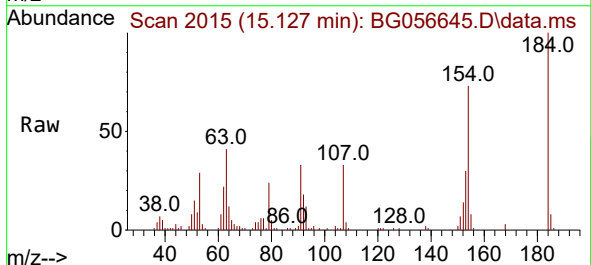
Instrument :
BNA_G
ClientSampleId :
PB150808BS

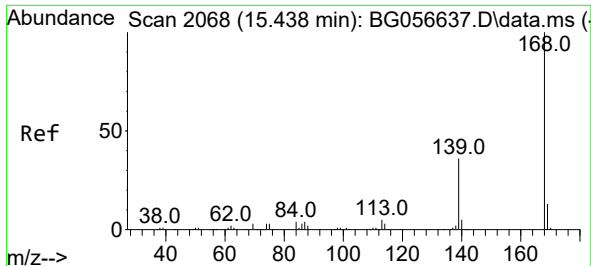
Tgt Ion:138 Resp: 22158
Ion Ratio Lower Upper
138 100
108 9.5 11.4 17.2#
92 120.3 103.1 154.7



#54
2,4-Dinitrophenol
Concen: 105.925 ng
RT: 15.127 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:184 Resp: 43102
Ion Ratio Lower Upper
184 100
63 40.8 31.0 46.6
154 72.7 99.8 149.8#

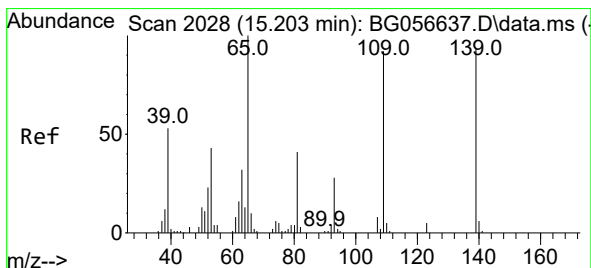
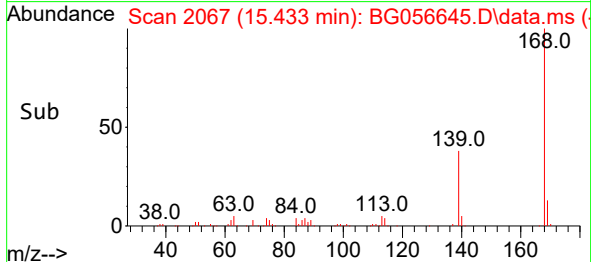
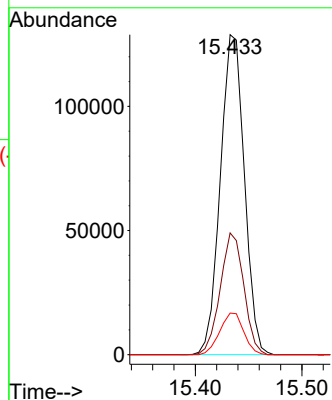
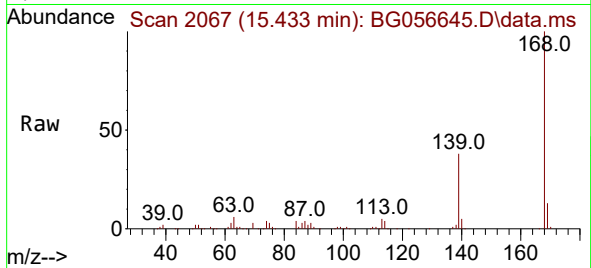




#55
Dibenzenofuran
Concen: 46.644 ng
RT: 15.433 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

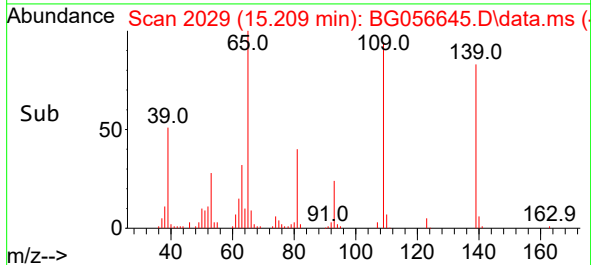
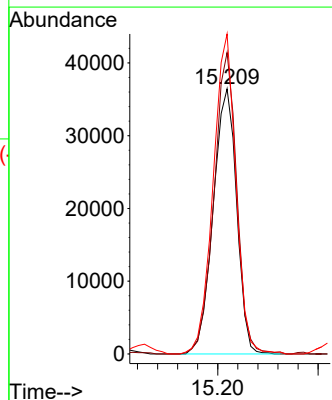
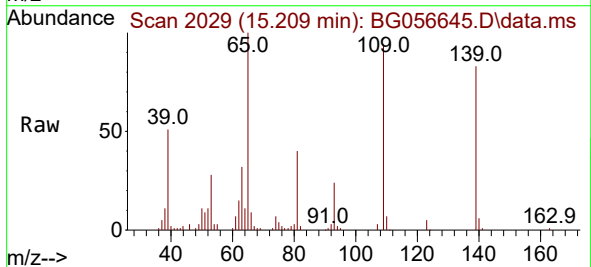
Instrument :
BNA_G
ClientSampleId :
PB150808BS

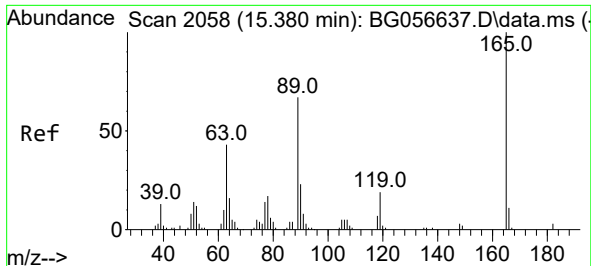
Tgt Ion:168 Resp: 201721
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 112.621 ng
RT: 15.209 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:139 Resp: 58994
Ion Ratio Lower Upper
139 100
109 113.7 79.3 119.3
65 120.7 87.6 127.6

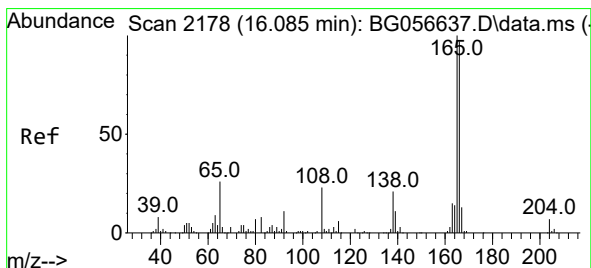
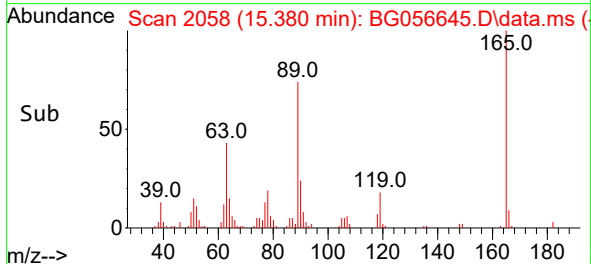
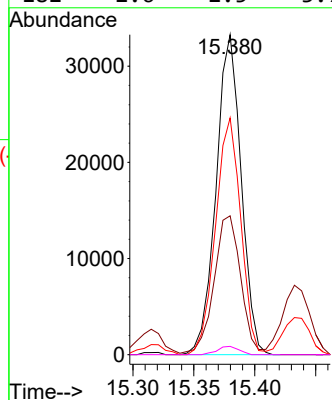
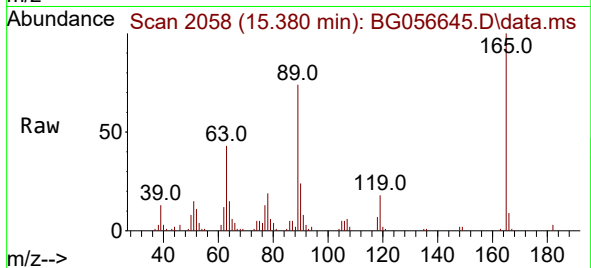




#57
2,4-Dinitrotoluene
Concen: 55.620 ng
RT: 15.380 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

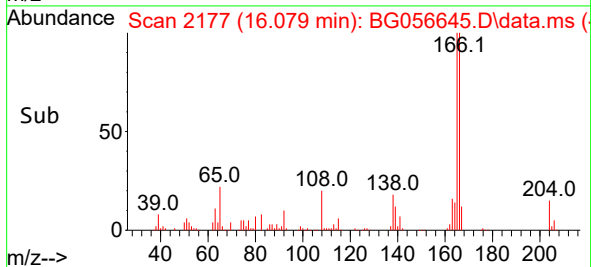
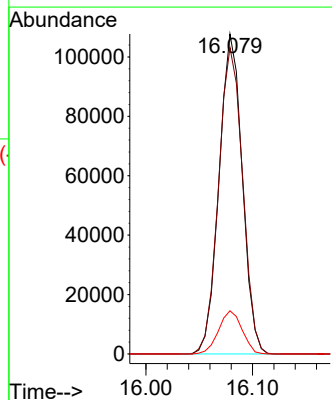
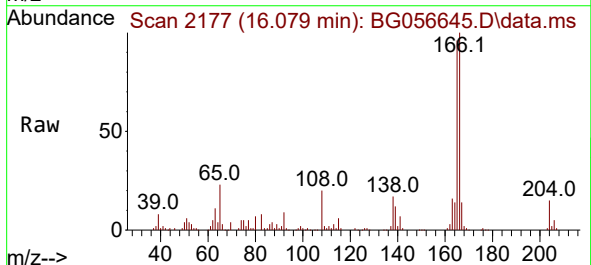
Instrument :
BNA_G
ClientSampleId :
PB150808BS

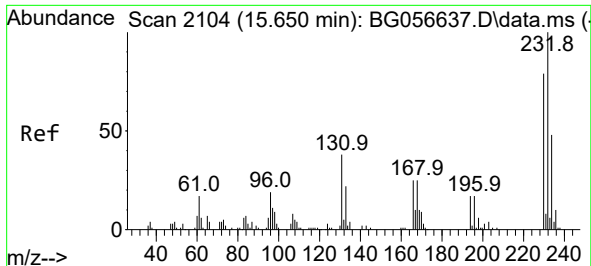
Tgt Ion:165 Resp: 47778
Ion Ratio Lower Upper
165 100
63 43.4 34.6 52.0
89 74.0 53.8 80.8
182 2.6 2.5 3.7



#58
Fluorene
Concen: 47.427 ng
RT: 16.079 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:166 Resp: 162174
Ion Ratio Lower Upper
166 100
165 95.8 82.9 124.3
167 13.5 11.1 16.7

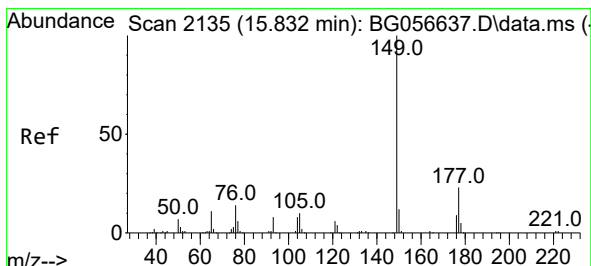
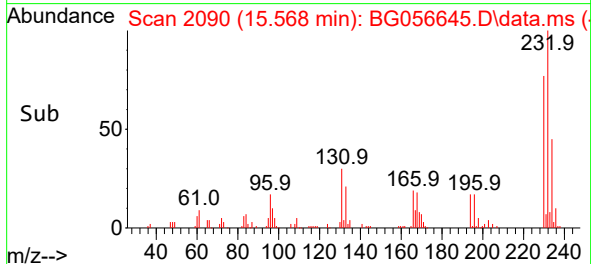
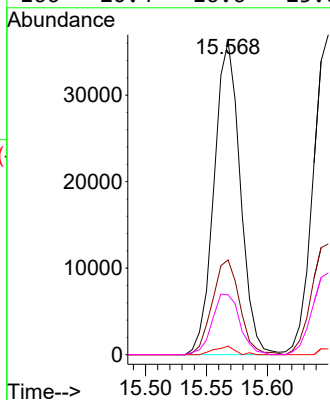
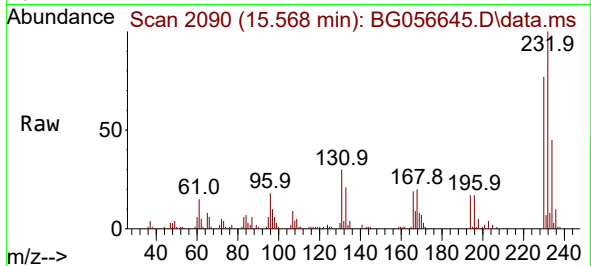




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.661 ng
RT: 15.568 min Scan# 2090
Delta R.T. -0.082 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

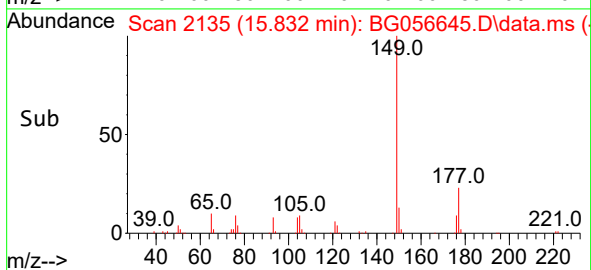
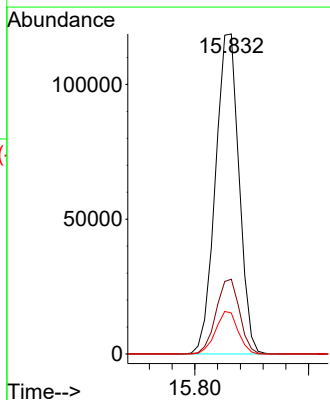
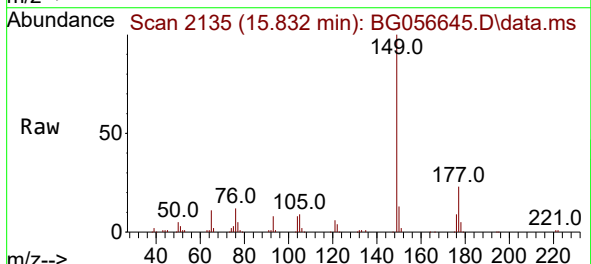
Instrument :
BNA_G
ClientSampleId :
PB150808BS

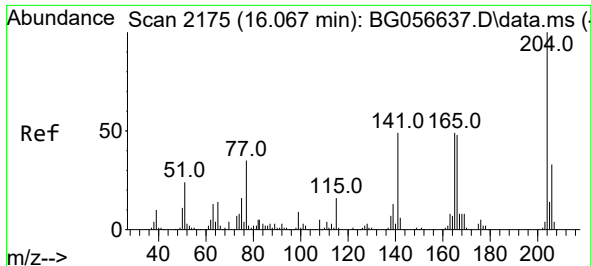
Tgt Ion:232 Resp: 54168
Ion Ratio Lower Upper
232 100
131 31.6 24.7 37.1
130 2.1 1.4 2.2
166 20.4 16.6 25.0



#60
Diethylphthalate
Concen: 48.203 ng
RT: 15.832 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:149 Resp: 171260
Ion Ratio Lower Upper
149 100
177 23.4 18.7 28.1
150 12.8 9.9 14.9

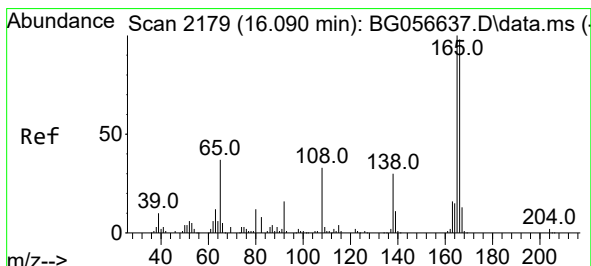
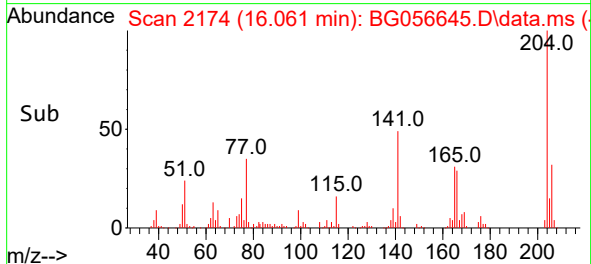
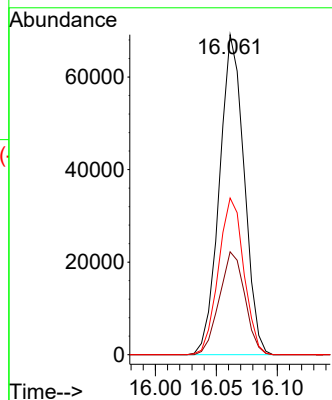
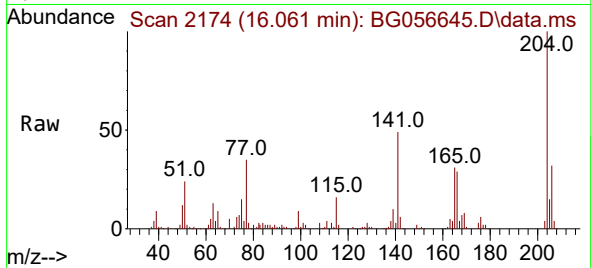




#61
4-Chlorophenyl-phenylether
Concen: 46.650 ng
RT: 16.061 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

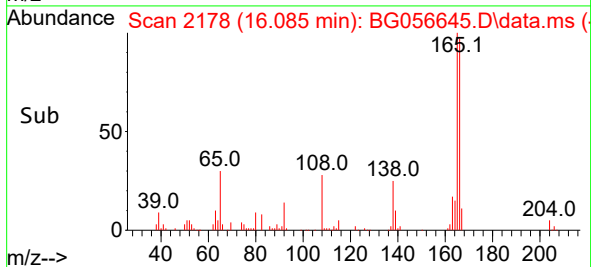
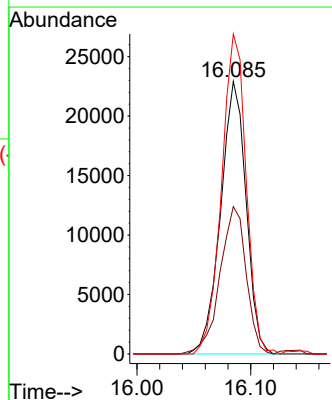
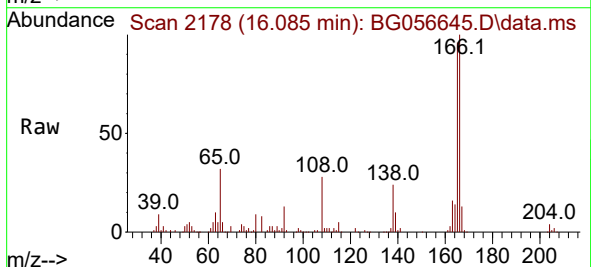
Instrument :
BNA_G
ClientSampleId :
PB150808BS

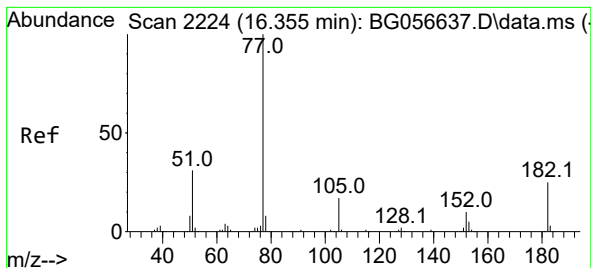
Tgt Ion:204 Resp: 97451
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 49.0 38.9 58.3



#62
4-Nitroaniline
Concen: 50.005 ng
RT: 16.085 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:138 Resp: 35631
Ion Ratio Lower Upper
138 100
92 54.1 31.5 71.5
108 117.4 88.6 128.6





#63

Azobenzene

Concen: 46.580 ng

RT: 16.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

Tgt Ion: 77 Resp: 165631

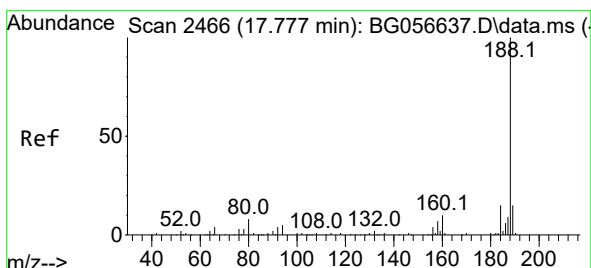
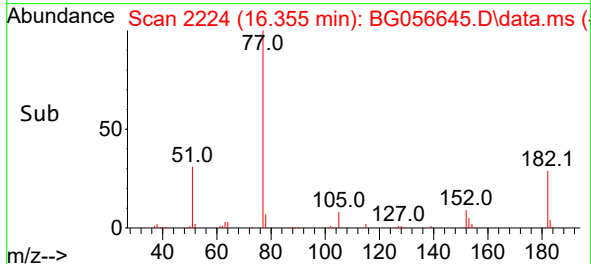
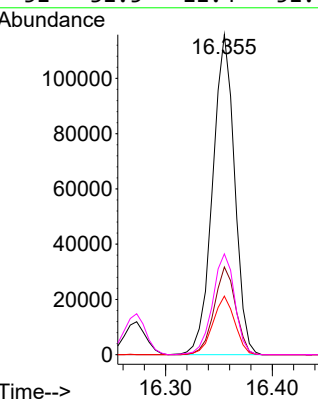
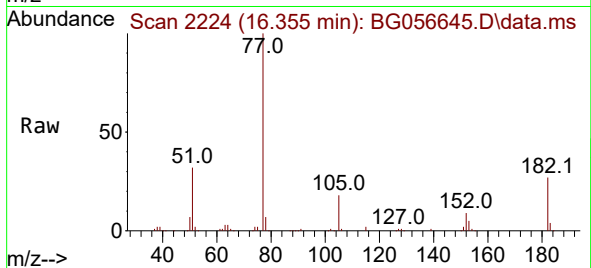
Ion Ratio Lower Upper

77 100

182 27.4 5.2 45.2

105 18.3 0.0 37.3

51 31.5 11.4 51.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.777 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

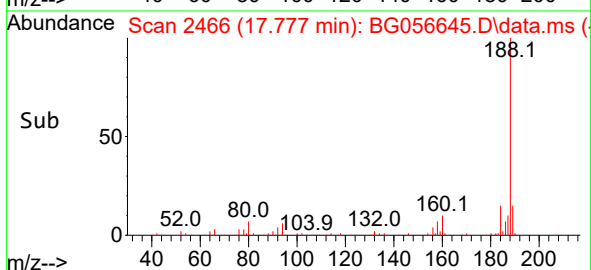
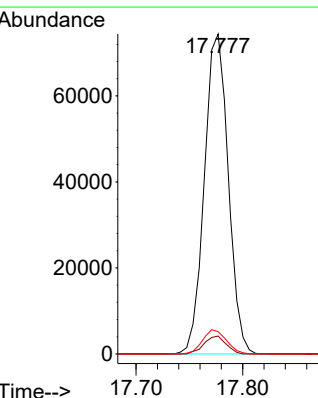
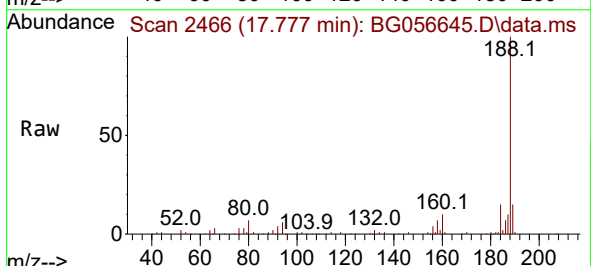
Tgt Ion:188 Resp: 115604

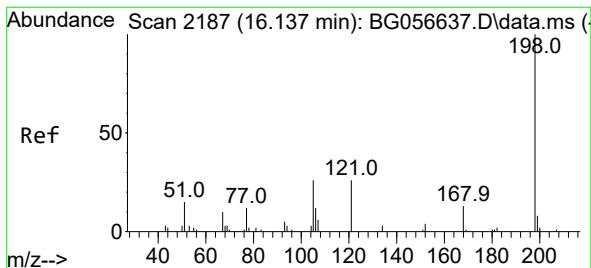
Ion Ratio Lower Upper

188 100

94 5.6 4.0 6.0

80 7.0 6.3 9.5

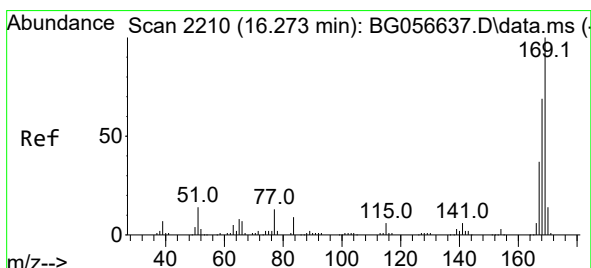
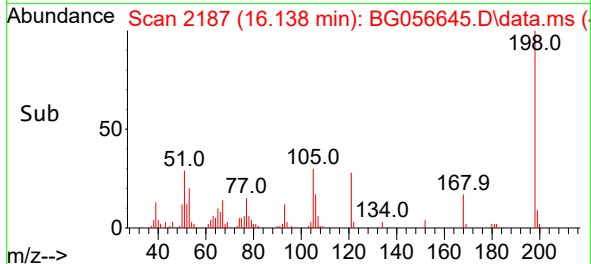
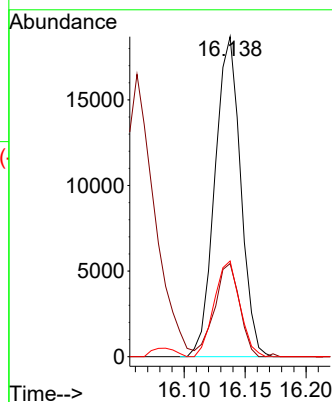
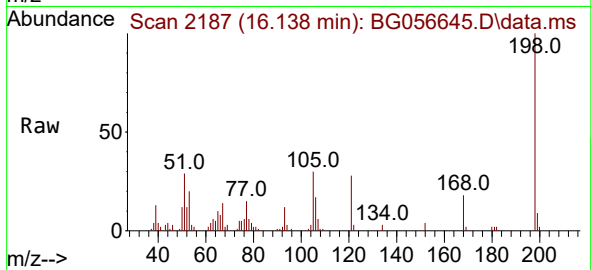




#65
4,6-Dinitro-2-methylphenol
Concen: 45.946 ng
RT: 16.138 min Scan# 2187
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

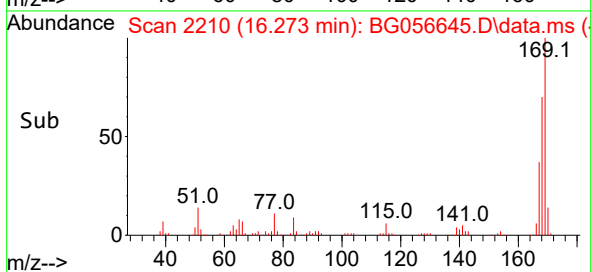
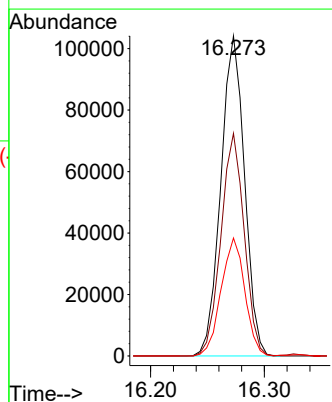
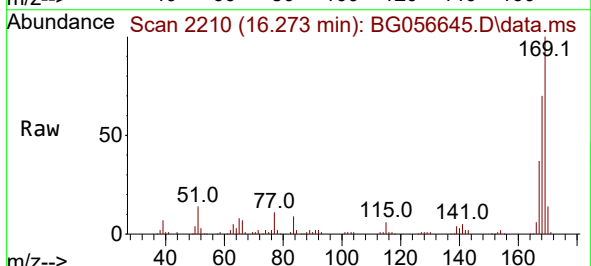
Instrument :
BNA_G
ClientSampleId :
PB150808BS

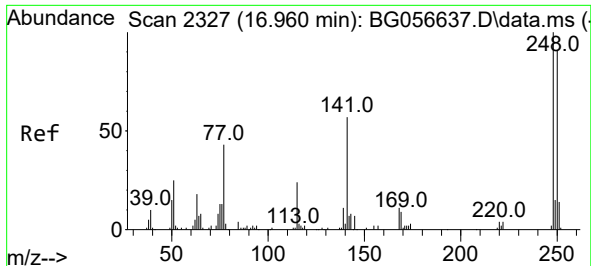
Tgt Ion:198 Resp: 27429
Ion Ratio Lower Upper
198 100
51 29.1 7.4 47.4
105 29.9 8.2 48.2



#66
n-Nitrosodiphenylamine
Concen: 44.833 ng
RT: 16.273 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:169 Resp: 150778
Ion Ratio Lower Upper
169 100
168 69.5 55.5 83.3
167 36.9 29.5 44.3

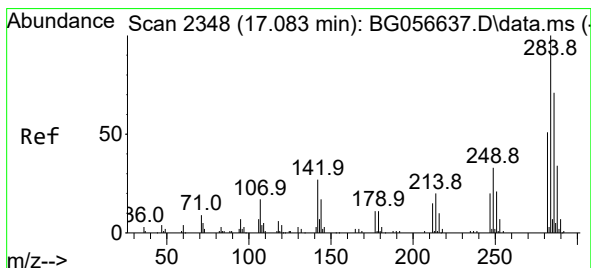
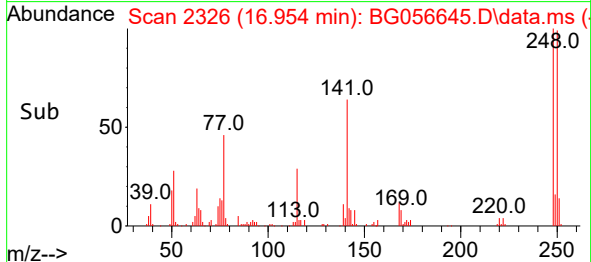
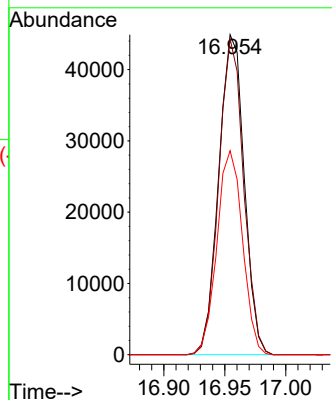
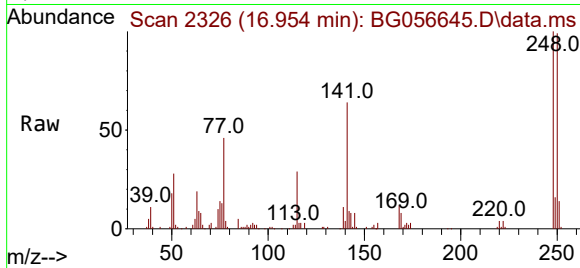




#67
4-Bromophenyl-phenylether
Concen: 44.117 ng
RT: 16.954 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

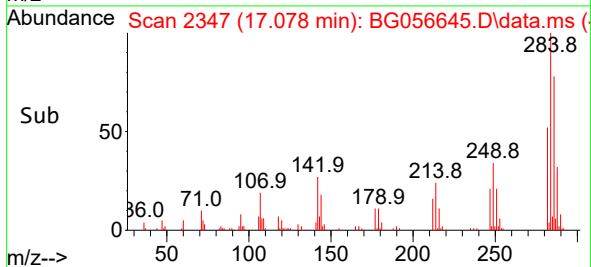
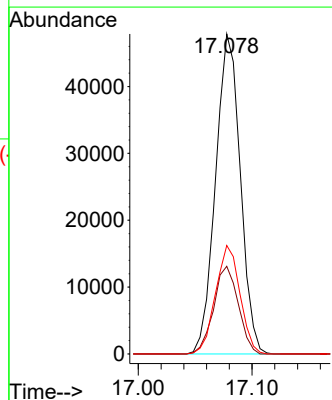
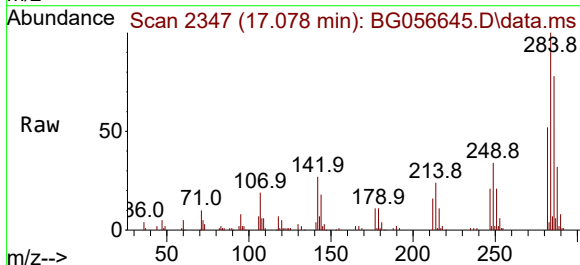
Instrument :
BNA_G
ClientSampleId :
PB150808BS

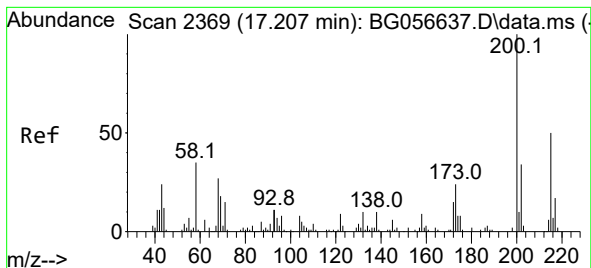
Tgt Ion:248 Resp: 65480
Ion Ratio Lower Upper
248 100
250 98.7 73.0 109.6
141 63.7 45.6 68.4



#68
Hexachlorobenzene
Concen: 47.816 ng
RT: 17.078 min Scan# 2347
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:284 Resp: 72307
Ion Ratio Lower Upper
284 100
142 27.4 21.4 32.2
249 33.9 26.1 39.1





#69

Atrazine

Concen: 51.766 ng

RT: 17.207 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

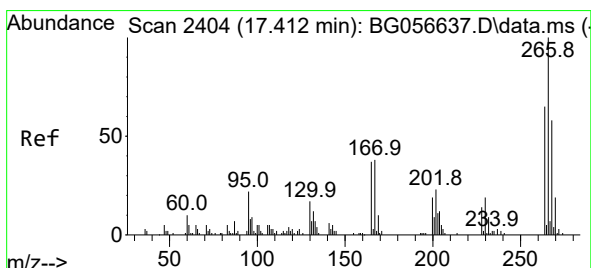
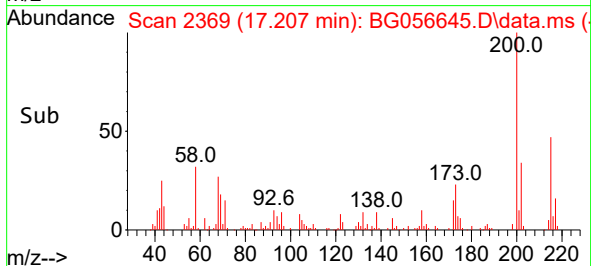
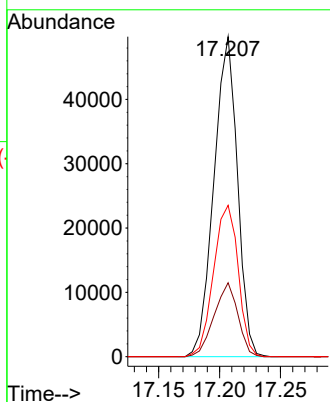
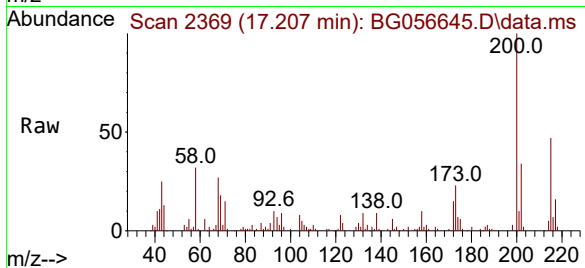
Tgt Ion:200 Resp: 66851

Ion Ratio Lower Upper

200 100

173 23.1 4.4 44.4

215 47.3 29.6 69.6



#70

Pentachlorophenol

Concen: 92.395 ng

RT: 17.413 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

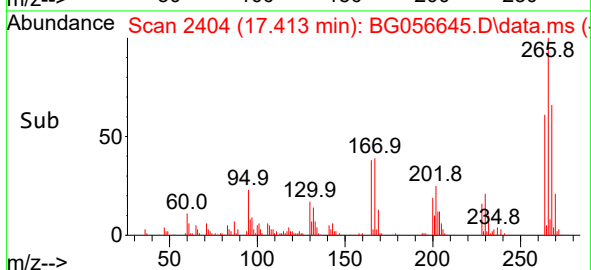
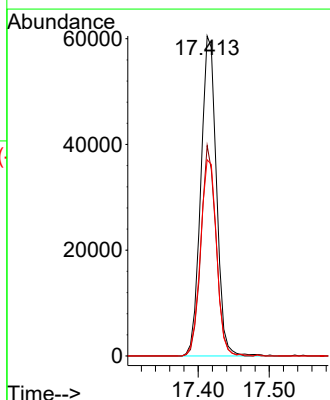
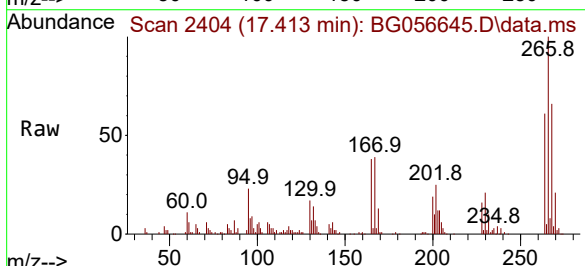
Tgt Ion:266 Resp: 92528

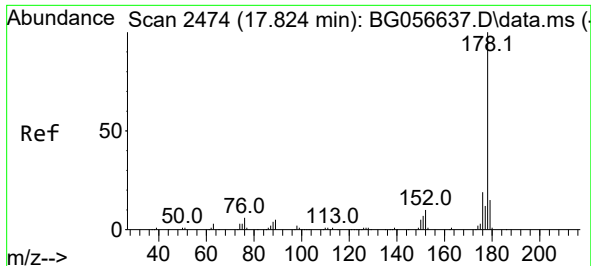
Ion Ratio Lower Upper

266 100

268 65.7 46.7 70.1

264 61.3 51.8 77.6

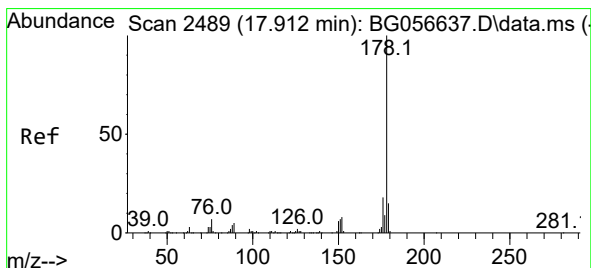
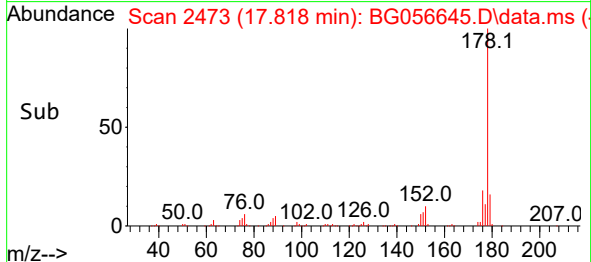
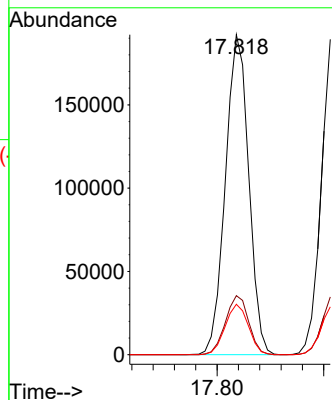
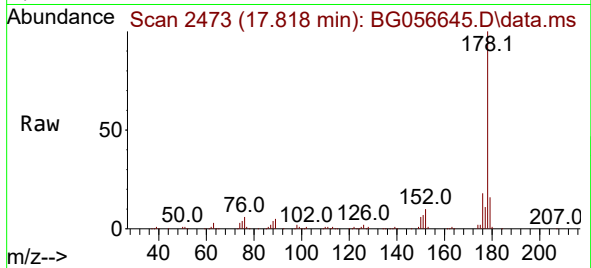




#71
Phenanthrene
Concen: 46.362 ng
RT: 17.818 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

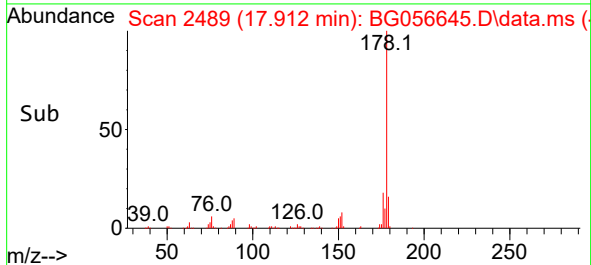
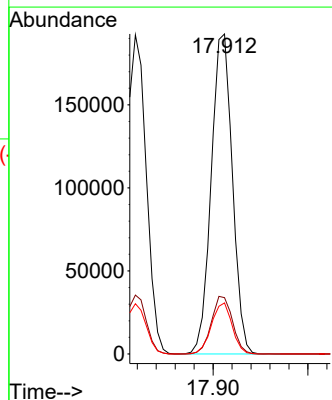
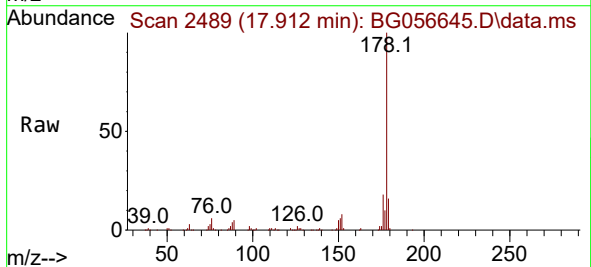
Instrument :
BNA_G
ClientSampleId :
PB150808BS

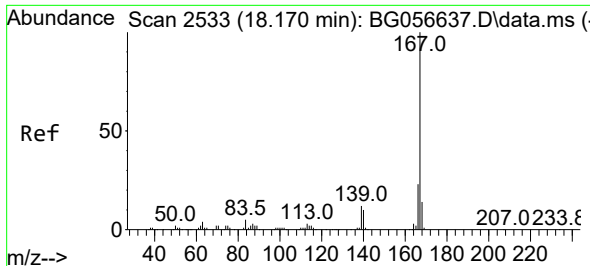
Tgt Ion:178 Resp: 291594
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.7 12.2 18.4



#72
Anthracene
Concen: 46.382 ng
RT: 17.912 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:178 Resp: 298496
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 16.0 12.2 18.4

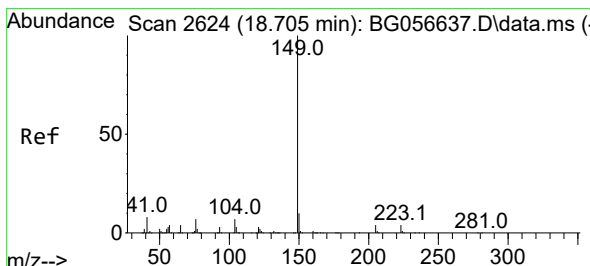
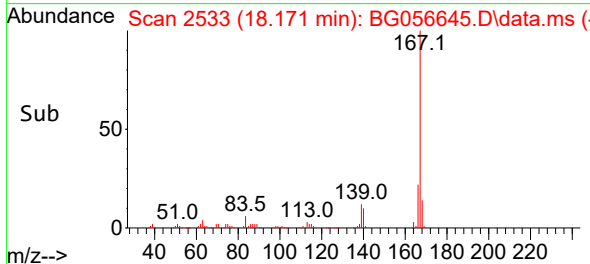
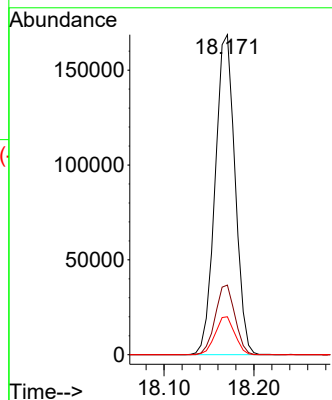
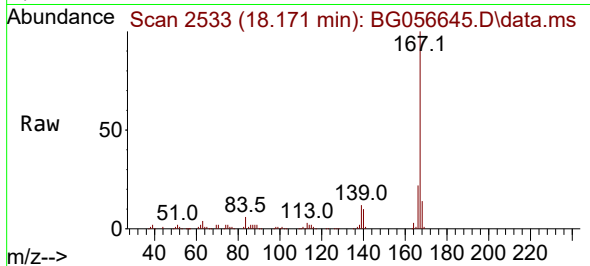




#73
 Carbazole
 Concen: 46.728 ng
 RT: 18.171 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056645.D
 Acq: 15 Feb 2023 23:22

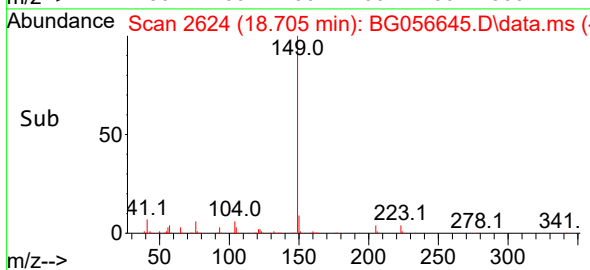
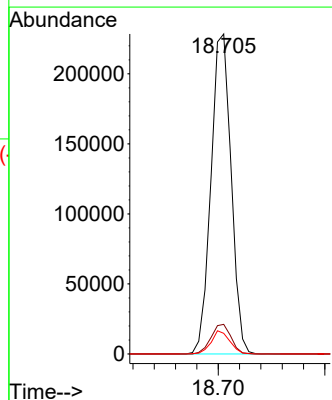
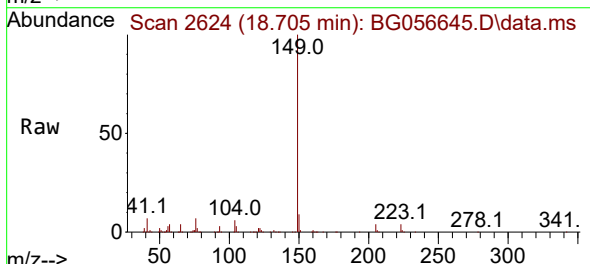
Instrument :
 BNA_G
 ClientSampleId :
 PB150808BS

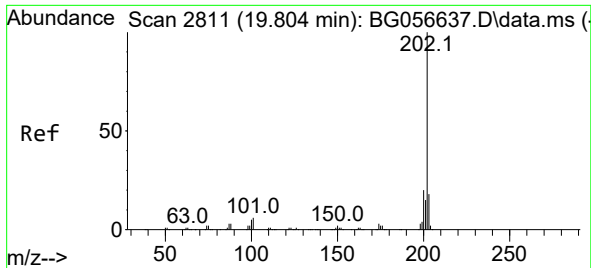
Tgt Ion:167 Resp: 259235
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 11.9 9.4 14.0



#74
 Di-n-butylphthalate
 Concen: 48.208 ng
 RT: 18.705 min Scan# 2624
 Delta R.T. 0.000 min
 Lab File: BG056645.D
 Acq: 15 Feb 2023 23:22

Tgt Ion:149 Resp: 299294
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 6.4 5.4 8.0

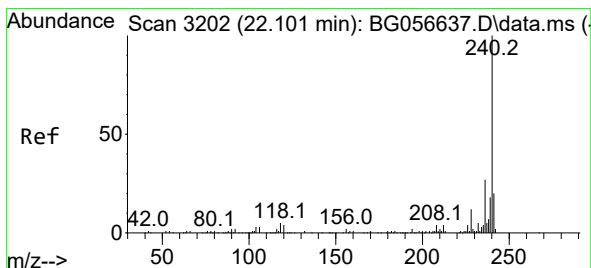
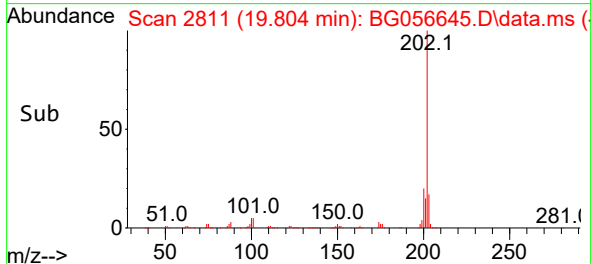
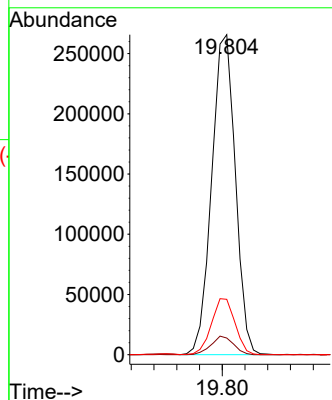
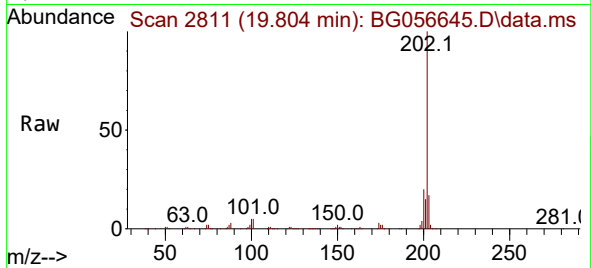




#75
Fluoranthene
Concen: 46.193 ng
RT: 19.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

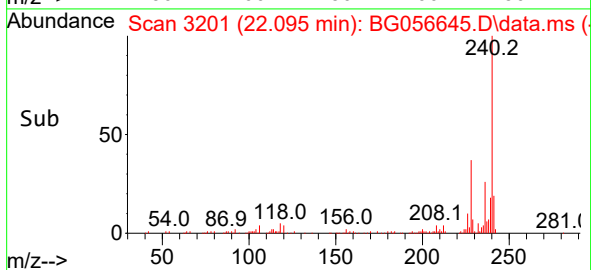
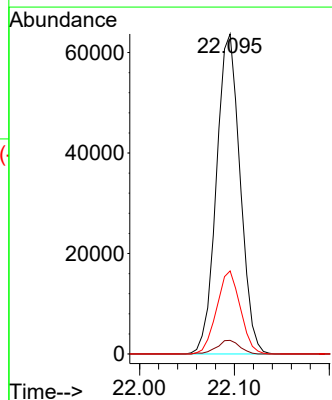
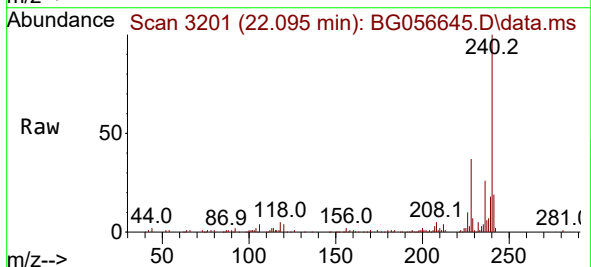
Instrument :
BNA_G
ClientSampleId :
PB150808BS

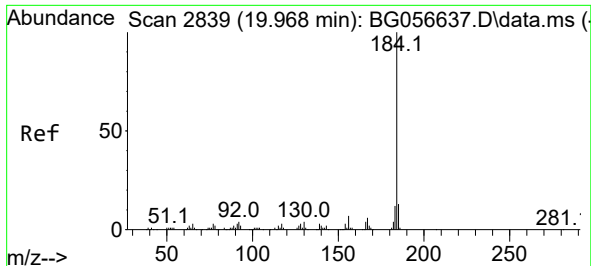
Tgt Ion:202 Resp: 383346
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.8
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3201
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:240 Resp: 110527
Ion Ratio Lower Upper
240 100
120 4.3 3.5 5.3
236 25.9 21.5 32.3





#77

Benzidine

Concen: 64.124 ng

RT: 19.963 min Scan# 2838

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

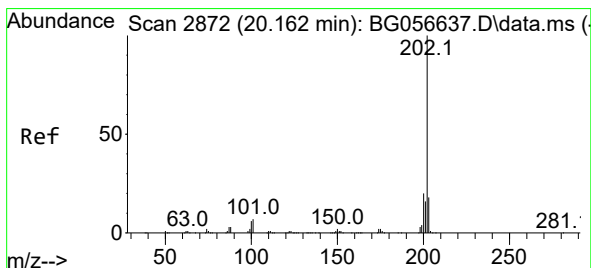
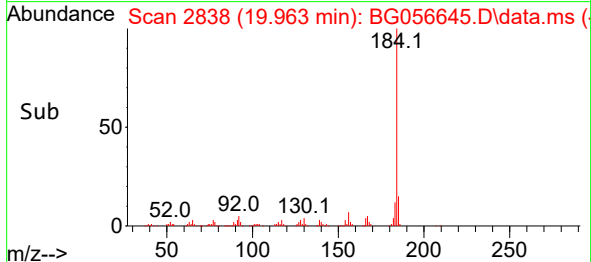
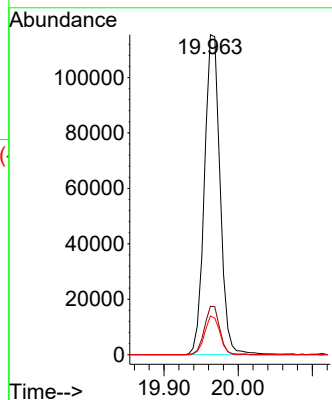
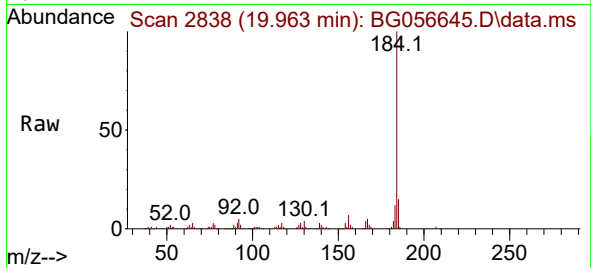
Tgt Ion:184 Resp: 169516

Ion Ratio Lower Upper

184 100

185 15.1 10.6 15.8

183 12.0 9.4 14.0



#78

Pyrene

Concen: 45.926 ng

RT: 20.162 min Scan# 2872

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

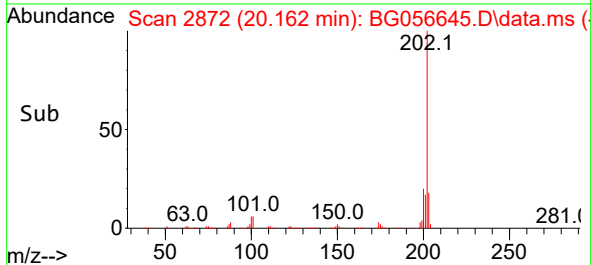
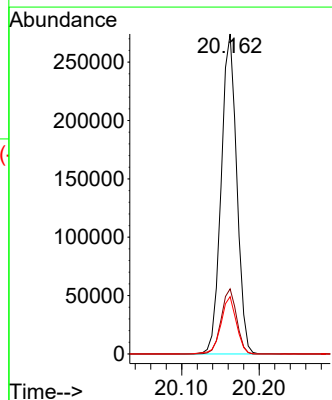
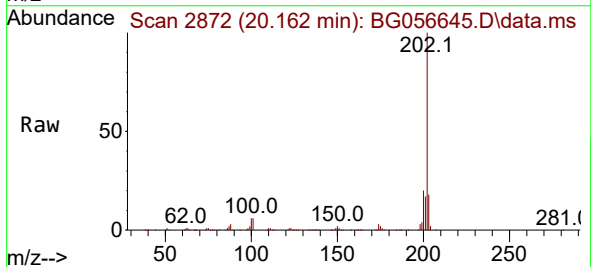
Tgt Ion:202 Resp: 383353

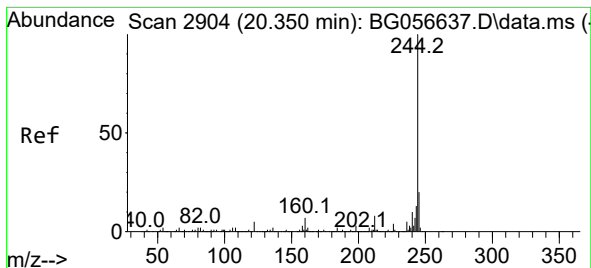
Ion Ratio Lower Upper

202 100

200 20.3 15.8 23.8

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 72.322 ng

RT: 20.344 min Scan# 2904

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

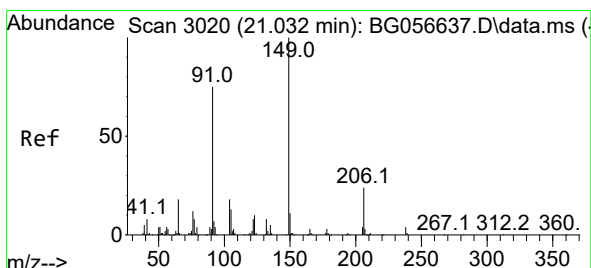
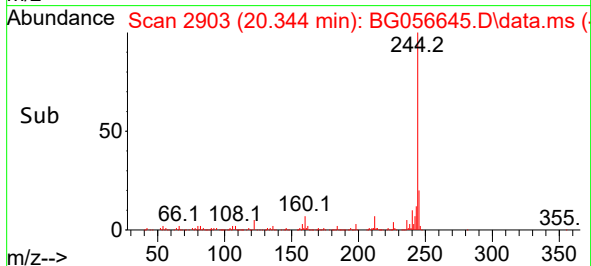
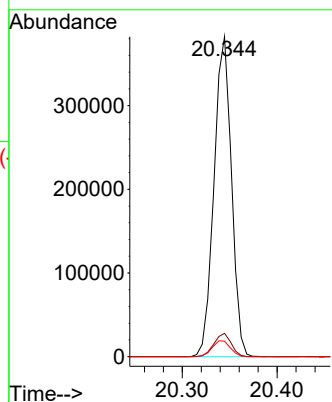
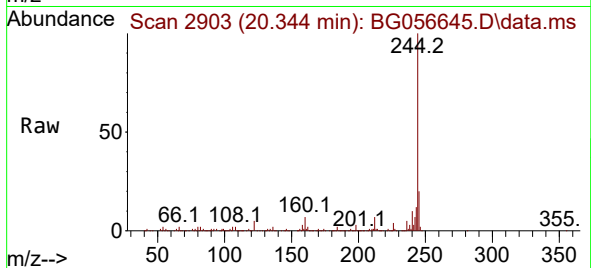
Tgt Ion:244 Resp: 488570

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 4.9 3.8 5.8



#80

Butylbenzylphthalate

Concen: 49.616 ng

RT: 21.032 min Scan# 3020

Delta R.T. 0.000 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

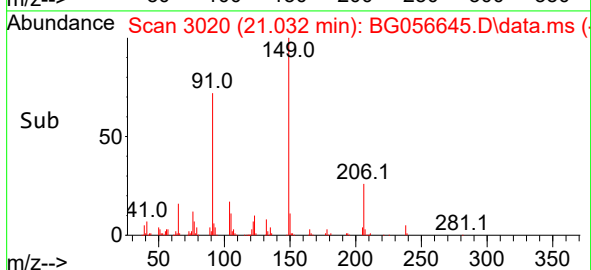
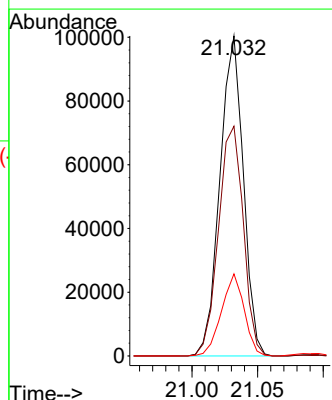
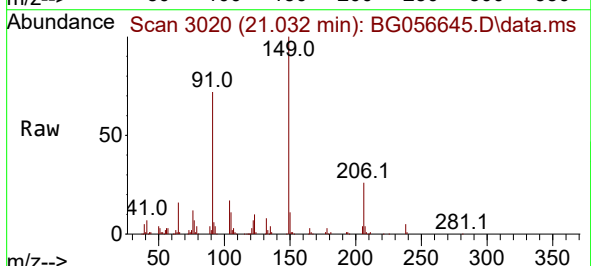
Tgt Ion:149 Resp: 124367

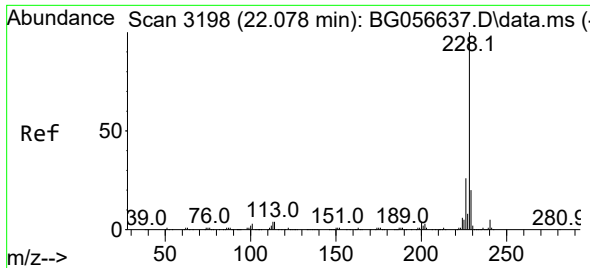
Ion Ratio Lower Upper

149 100

91 71.8 60.3 90.5

206 25.7 19.0 28.6

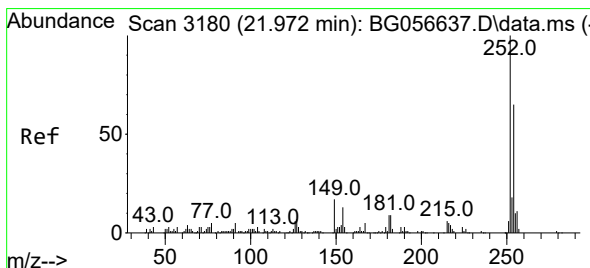
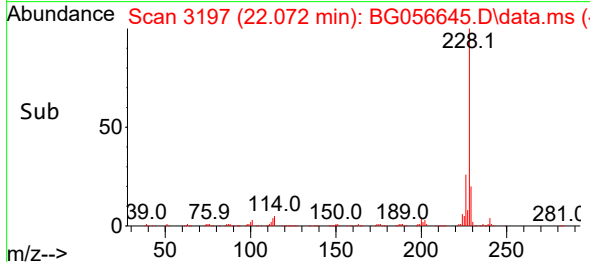
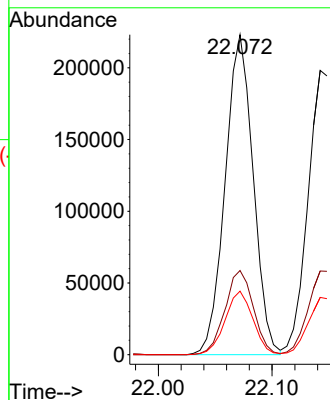
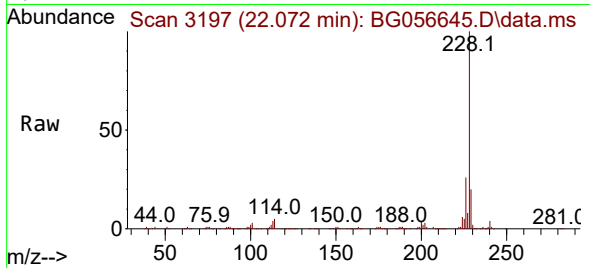




#81
Benzo(a)anthracene
Concen: 46.477 ng
RT: 22.072 min Scan# 3197
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

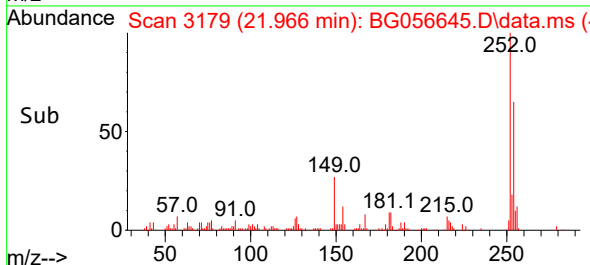
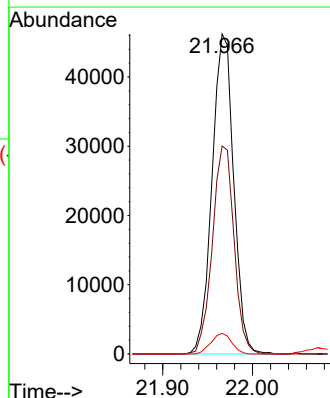
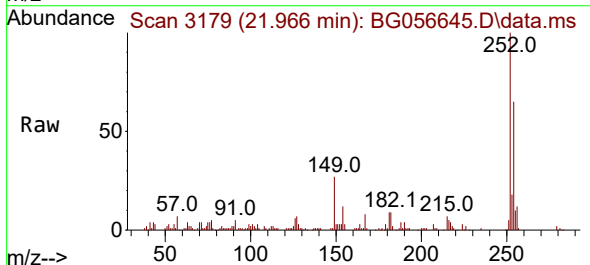
Instrument :
BNA_G
ClientSampleId :
PB150808BS

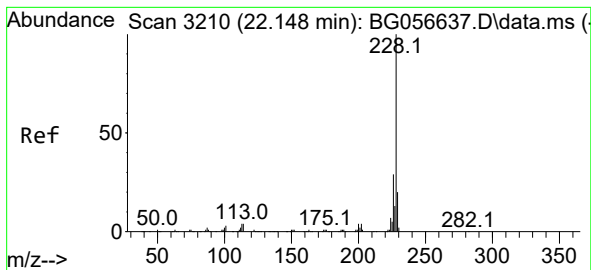
Tgt Ion:228 Resp: 382020
Ion Ratio Lower Upper
228 100
226 26.3 20.4 30.6
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 28.940 ng
RT: 21.966 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:252 Resp: 77178
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.2
126 6.4 4.9 7.3





#83

Chrysene

Concen: 45.542 ng

RT: 22.142 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

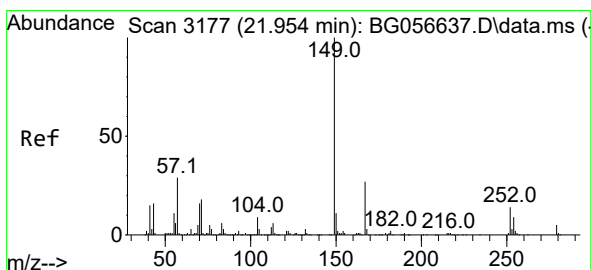
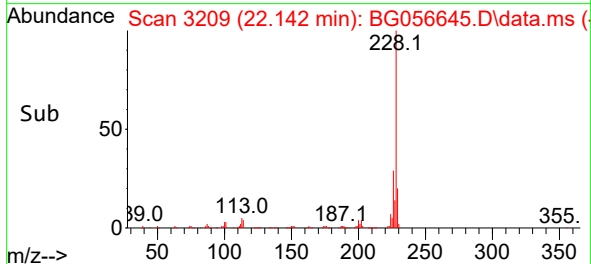
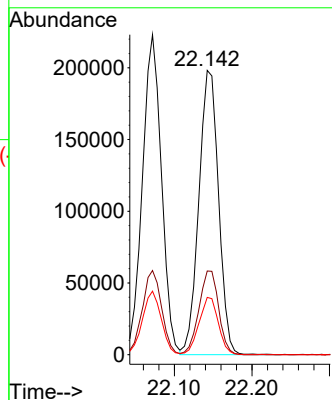
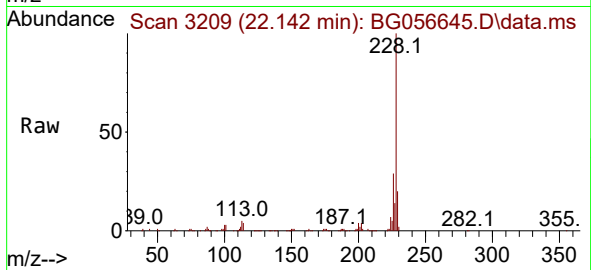
Tgt Ion:228 Resp: 349950

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.6

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.236 ng

RT: 21.948 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

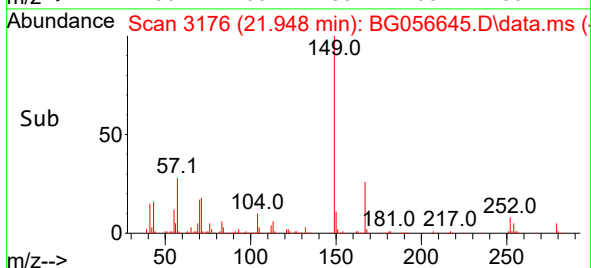
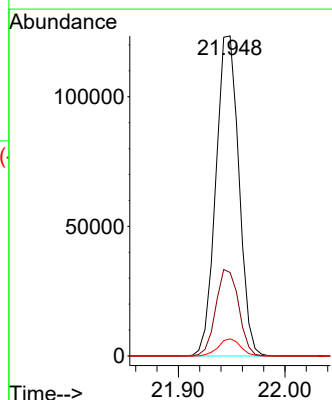
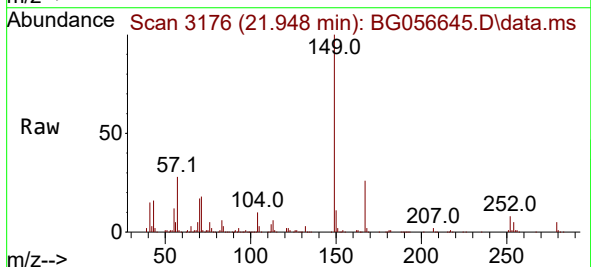
Tgt Ion:149 Resp: 184935

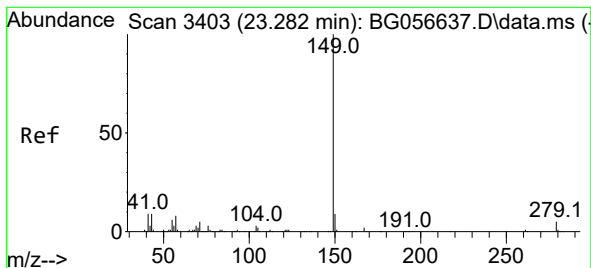
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.0

279 5.3 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 49.610 ng

RT: 23.276 min Scan# 3403

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

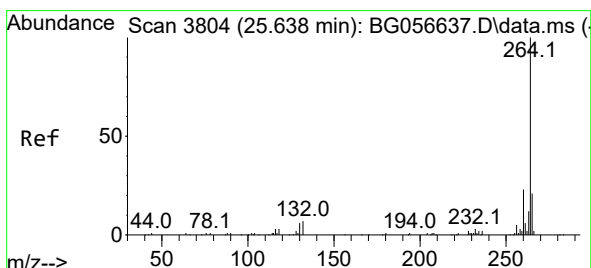
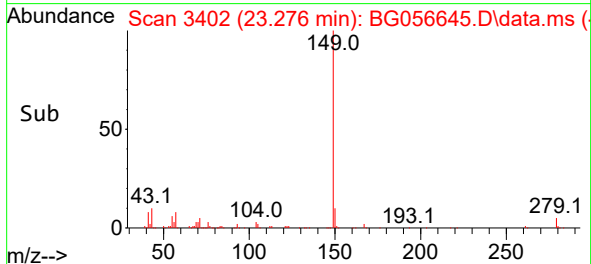
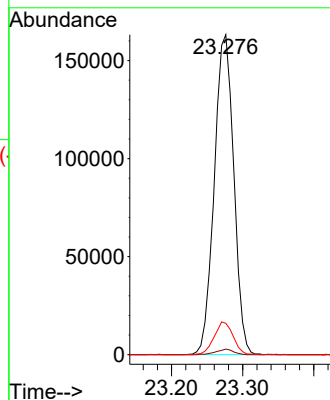
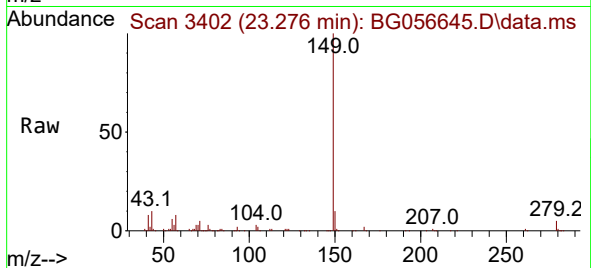
Tgt Ion:149 Resp: 309712

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.632 min Scan# 3803

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

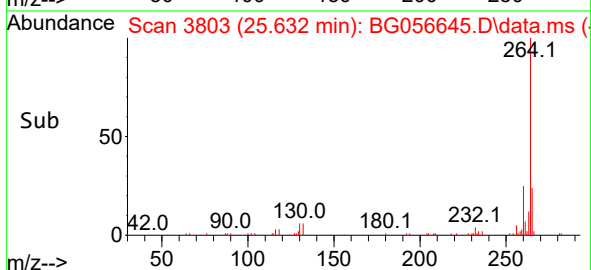
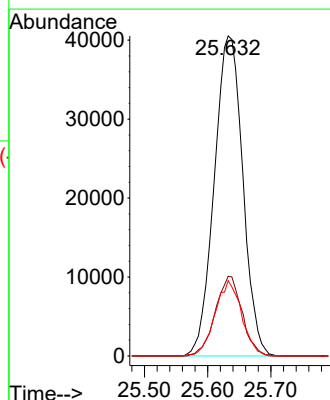
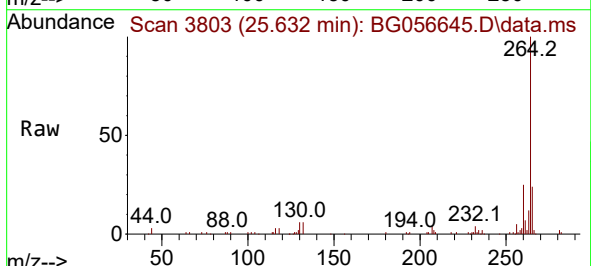
Tgt Ion:264 Resp: 127028

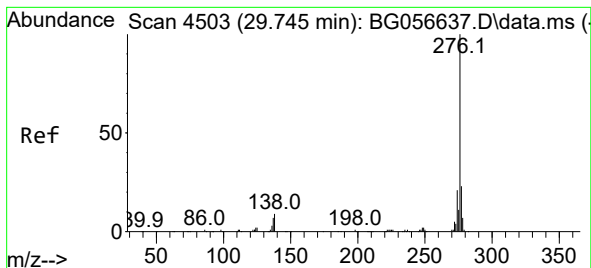
Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 23.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.880 ng

RT: 29.733 min Scan# 4

Delta R.T. -0.012 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

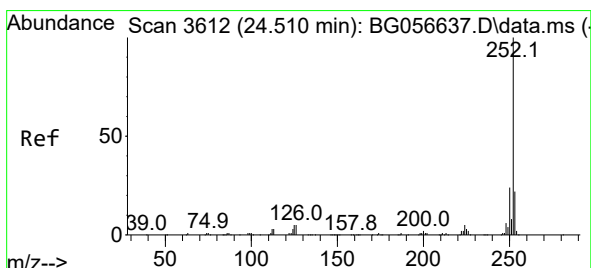
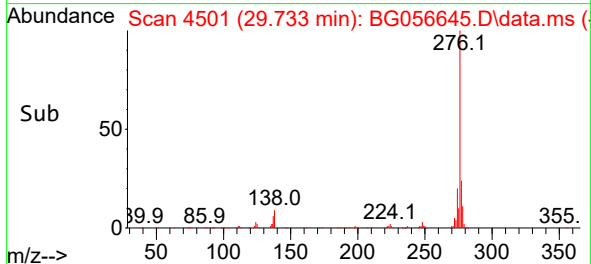
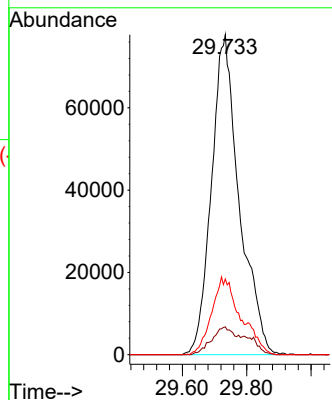
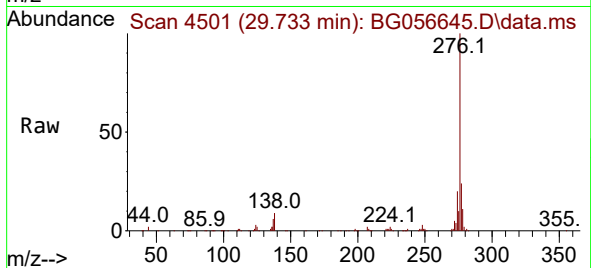
Tgt Ion:276 Resp: 466382

Ion Ratio Lower Upper

276 100

138 7.9 3.8 5.8#

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.737 ng

RT: 24.504 min Scan# 3611

Delta R.T. -0.006 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

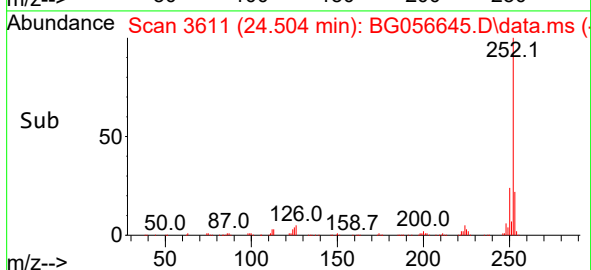
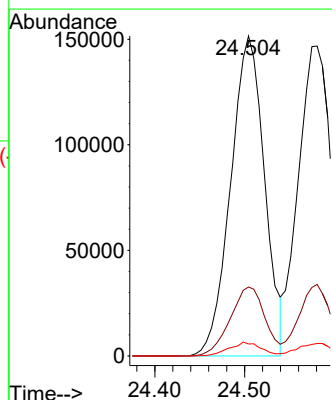
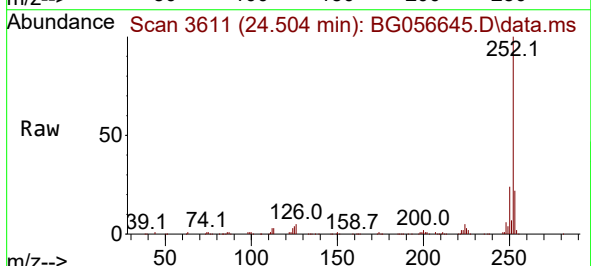
Tgt Ion:252 Resp: 396164

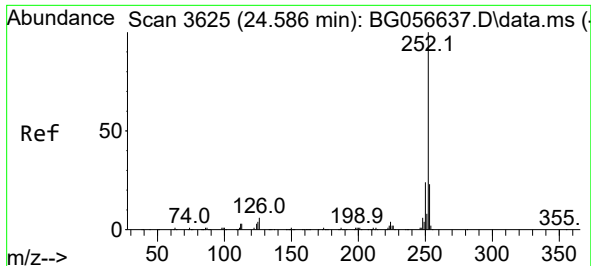
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 3.8 3.7 5.5

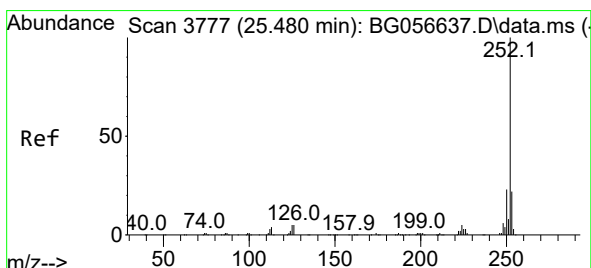
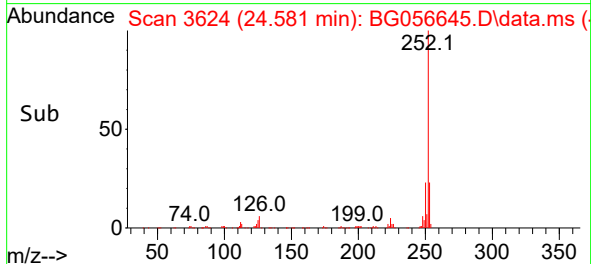
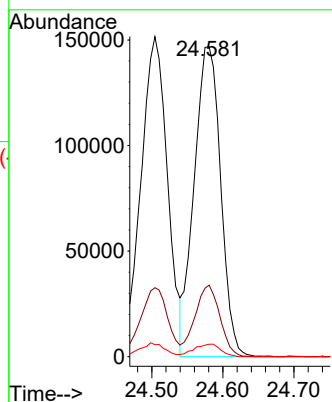
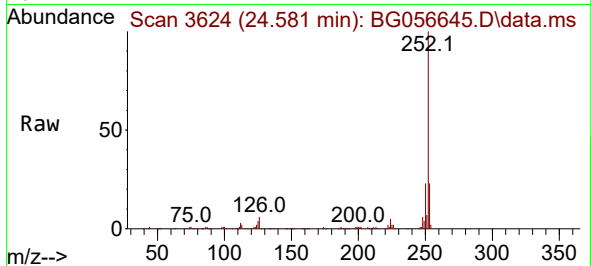




#89
Benzo(k)fluoranthene
Concen: 46.708 ng
RT: 24.581 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

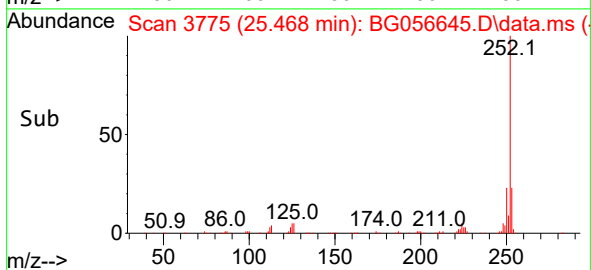
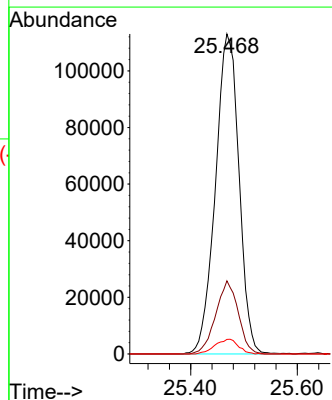
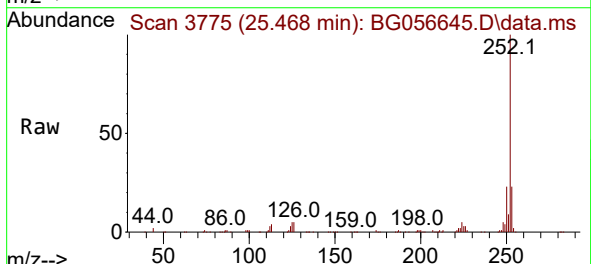
Instrument :
BNA_G
ClientSampleId :
PB150808BS

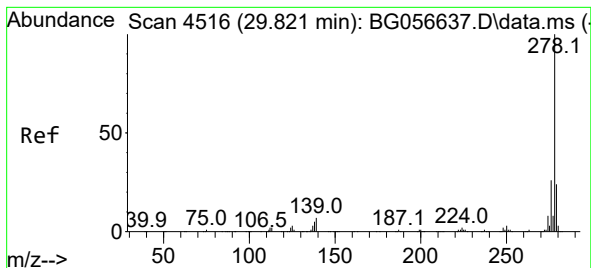
Tgt Ion:252 Resp: 381177
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 4.0 3.4 5.0



#90
Benzo(a)pyrene
Concen: 43.426 ng
RT: 25.468 min Scan# 3775
Delta R.T. -0.012 min
Lab File: BG056645.D
Acq: 15 Feb 2023 23:22

Tgt Ion:252 Resp: 346413
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 4.6 4.0 6.0





#91

Dibenzo(a,h)anthracene

Concen: 46.605 ng

RT: 29.810 min Scan# 4

Delta R.T. -0.012 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Instrument :

BNA_G

ClientSampleId :

PB150808BS

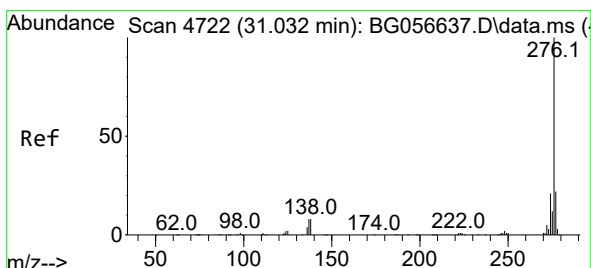
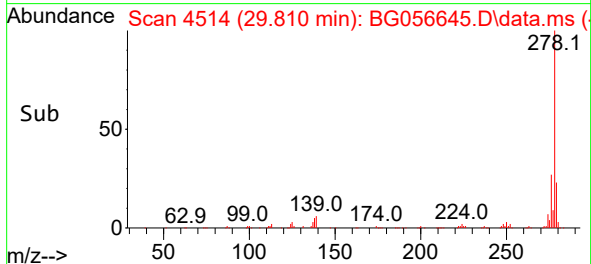
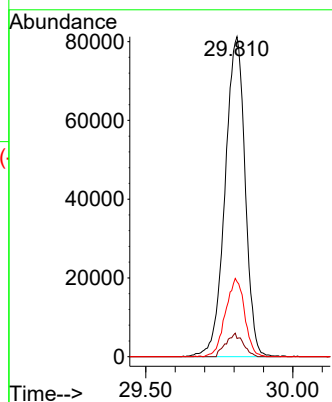
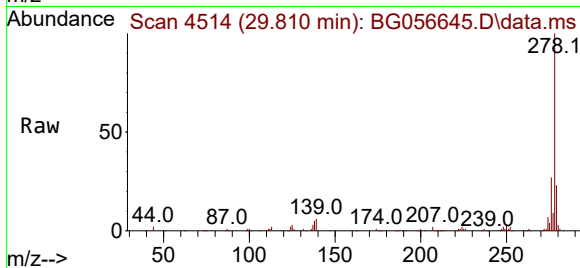
Tgt Ion:278 Resp: 384001

Ion Ratio Lower Upper

278 100

139 5.7 5.8 8.8#

279 23.5 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 46.424 ng

RT: 31.020 min Scan# 4720

Delta R.T. -0.012 min

Lab File: BG056645.D

Acq: 15 Feb 2023 23:22

Tgt Ion:276 Resp: 373758

Ion Ratio Lower Upper

276 100

277 23.8 17.5 26.3

138 7.1 6.4 9.6

