

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022823\
 Data File : BG056754.D
 Acq On : 28 Feb 2023 14:17
 Operator : CG/JU
 Sample : 01648-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBZT0MSD

Quant Time: Mar 01 00:01:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 28 23:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.422	152	16568	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.260	136	69484	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.020	164	54661	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.758	188	134802	20.000	ng/ul	0.00
79) Chrysene-d12	22.071	240	123625	20.000	ng/ul	0.00
88) Perylene-d12	25.596	264	134732	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.704	96	1749	5.856	ng/uL	0.00
4) Pyridine-d5	4.133	84	26570	22.040	ng/ul	0.00
7) Phenol-d5	7.541	99	46816	28.237	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.723	67	28673	28.352	ng/ul	0.00
11) 2-Chlorophenol-d4	7.940	132	29963	27.214	ng/ul	0.00
15) 4-Methylphenol-d8	9.110	113	34001	26.840	ng/ul	0.00
21) Nitrobenzene-d5	9.591	128	16808	28.865	ng/ul	0.00
24) 2-Nitrophenol-d4	10.320	143	20584	29.697	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	40281	30.847	ng/ul	0.00
31) 4-Chloroaniline-d4	11.378	131	43518	25.551	ng/ul	0.00
46) Dimethylphthalate-d6	14.409	166	128738	29.191	ng/ul	0.00
49) Acenaphthylene-d8	14.721	160	144985	28.925	ng/ul	0.00
54) 4-Nitrophenol-d4	15.179	143	20968	27.576	ng/ul	0.00
60) Fluorene-d10	16.007	176	119048	29.182	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.107	200	25698	28.494	ng/ul	0.00
73) Anthracene-d10	17.858	188	186964	28.589	ng/ul	0.00
81) Pyrene-d10	20.114	212	224593	26.848	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.349	264	214150	29.447	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.739	88	4958	13.463	ng/uL#	70
5) Pyridine	4.157	79	41700	32.662	ng/ul	89
6) Benzaldehyde	7.541	77	35867	41.293	ng/ul	97
8) Phenol	7.570	94	58725	34.725	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.817	93	40972	34.099	ng/ul	97
12) 2-Chlorophenol	7.976	128	37484	34.378	ng/ul	97
13) 2-Methylphenol	8.845	108	43513	34.112	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.939	45	53825	33.336	ng/ul	99
16) Acetophenone	9.245	105	73462	33.863	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.221	70	41033	32.965	ng/ul	93
18) 4-Methylphenol	9.174	108	47123	33.998	ng/ul	90
19) Hexachloroethane	9.521	117	15480	33.387	ng/ul	90
22) Nitrobenzene	9.638	77	60334	35.731	ng/ul	99
23) Isophorone	10.155	82	114356	34.640	ng/ul#	97
25) 2-Nitrophenol	10.355	139	25261	36.920	ng/ul	95
26) 2,4-Dimethylphenol	10.390	107	52903	34.621	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.631	93	59078	35.405	ng/ul#	98
29) 2,4-Dichlorophenol	10.890	162	45680	36.125	ng/ul	97
30) Naphthalene	11.313	128	133090	34.798	ng/ul	97
32) 4-Chloroaniline	11.401	127	47633	28.233	ng/ul	98
33) Hexachlorobutadiene	11.589	225	35956	35.678	ng/ul	91
34) Caprolactam	12.147	113	15493	36.040	ng/ul	89
35) 4-Chloro-3-methylphenol	12.482	107	50976	35.090	ng/ul	93
36) 2-Methylnaphthalene	12.882	142	97035	35.426	ng/ul	97

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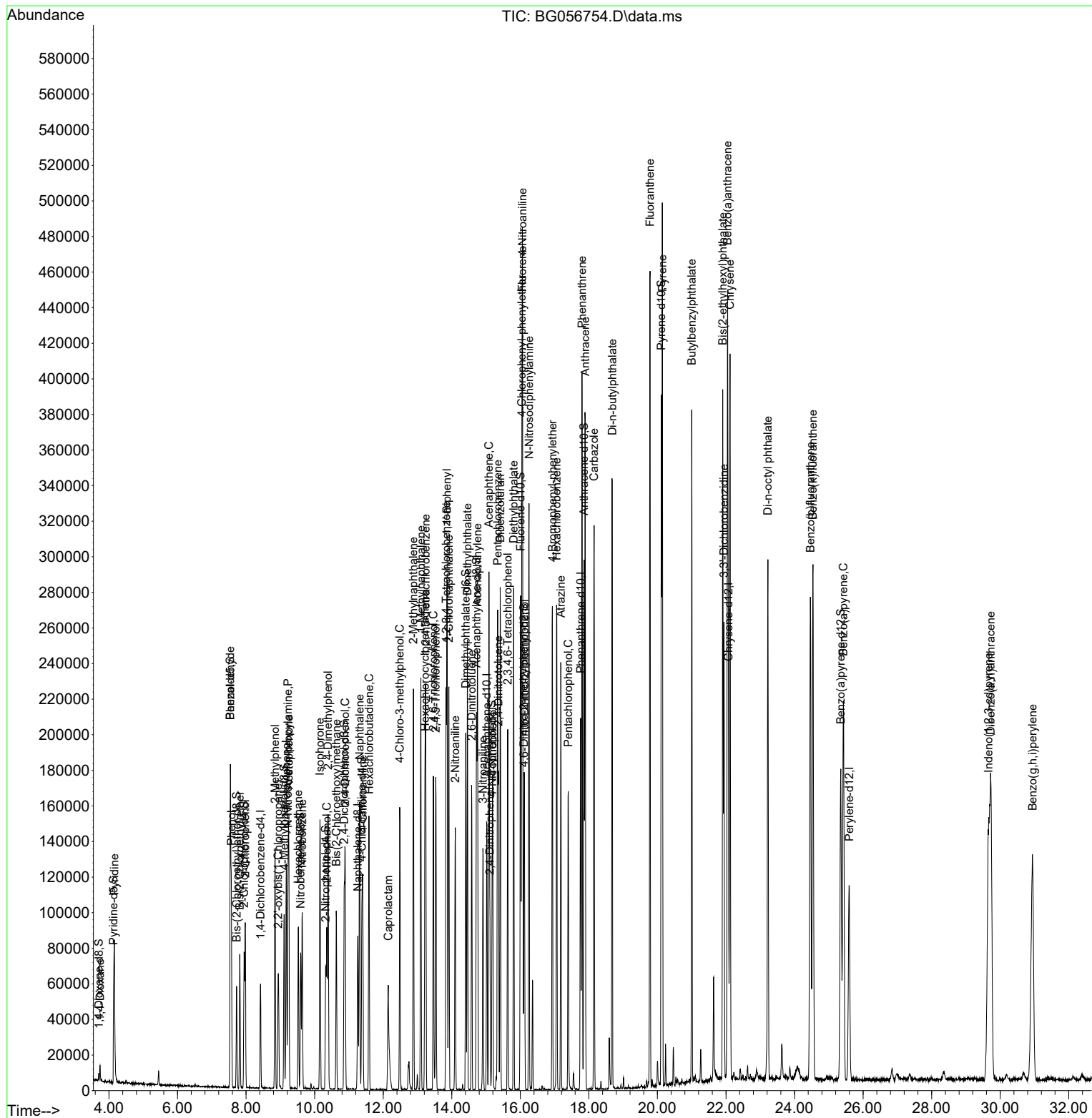
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.099	142	99143	36.711	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.240	216	72475	37.397	ng/ul	93
40) Hexachlorocyclopentadiene	13.217	237	43504	31.328	ng/ul	98
41) 2,4,6-Trichlorophenol	13.463	196	45545	35.172	ng/ul	98
42) 2,4,5-Trichlorophenol	13.534	196	51182	36.401	ng/ul	94
43) 1,1'-Biphenyl	13.863	154	141344	35.165	ng/ul	98
44) 2-Chloronaphthalene	13.916	162	116740	35.103	ng/ul	94
45) 2-Nitroaniline	14.104	65	41596	36.034	ng/ul	96
47) Dimethylphthalate	14.456	163	152974	34.108	ng/ul#	99
48) 2,6-Dinitrotoluene	14.580	165	32842	35.722	ng/ul	93
50) Acenaphthylene	14.750	152	175126	34.585	ng/ul	97
51) 3-Nitroaniline	14.909	138	30402	36.948	ng/ul#	94
52) Acenaphthene	15.085	153	120995	34.783	ng/ul	99
53) 2,4-Dinitrophenol	15.114	184	21374	36.290	ng/ul	91
55) 4-Nitrophenol	15.197	109	30115	34.216	ng/ul	100
56) Dibenzofuran	15.414	168	181484	34.369	ng/ul	94
57) 2,4-Dinitrotoluene	15.361	165	46326	35.147	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.631	232	45633	34.875	ng/ul	97
59) Diethylphthalate	15.808	149	153735	34.244	ng/ul	99
61) Fluorene	16.060	166	147363	34.852	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.043	204	88197	35.216	ng/ul	96
63) 4-Nitroaniline	16.066	138	31161	38.760	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.119	198	32049	36.912	ng/ul	99
67) N-Nitrosodiphenylamine	16.254	169	128830	34.368	ng/ul	97
68) 4-Bromophenyl-phenylether	16.936	248	61006	35.711	ng/ul	98
69) Hexachlorobenzene	17.059	284	65079	35.460	ng/ul	100
70) Atrazine	17.183	200	48076	29.530	ng/ul	99
71) Pentachlorophenol	17.400	266	34857	33.448	ng/ul	92
72) Phenanthrene	17.799	178	254097	34.798	ng/ul	99
74) Anthracene	17.893	178	253032	34.290	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.839	216	72311	35.064	ng/ul	96
76) Pentachlorobenzene	15.338	250	73143	34.970	ng/ul	96
77) Carbazole	18.152	167	213715	34.614	ng/ul	98
78) Di-n-butylphthalate	18.681	149	245068	34.439	ng/ul	99
80) Fluoranthene	19.785	202	316436	31.284	ng/ul	97
82) Pyrene	20.144	202	317790	31.891	ng/ul	99
83) Butylbenzylphthalate	21.002	149	107634	34.048	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.942	252	101089	32.614	ng/ul	100
85) Benzo(a)anthracene	22.047	228	316599	35.187	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.906	149	155132	34.933	ng/ul	99
87) Chrysene	22.118	228	291502	34.785	ng/ul	99
89) Di-n-octyl phthalate	23.222	149	262037	35.774	ng/ul	100
90) Benzo(b)fluoranthene	24.462	252	319110	35.380	ng/ul	99
91) Benzo(k)fluoranthene	24.539	252	309202	35.195	ng/ul	99
93) Benzo(a)pyrene	25.426	252	274320	34.600	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.662	276	379689	35.254	ng/ul	98
95) Dibenzo(a,h)anthracene	29.727	278	308719	34.282	ng/ul#	93
96) Benzo(g,h,i)perylene	30.943	276	305059	35.459	ng/ul	94

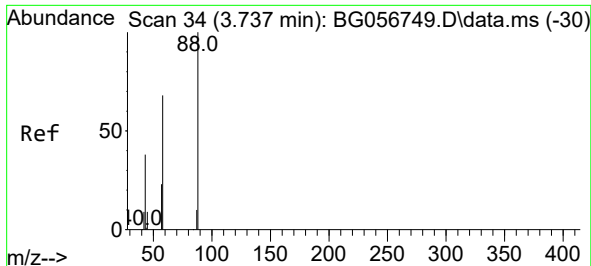
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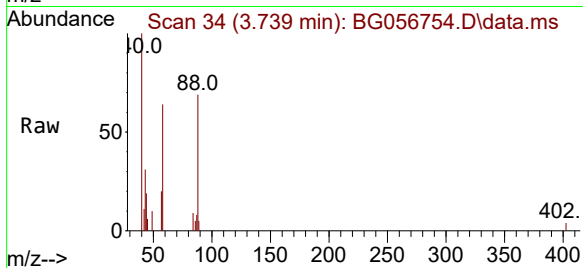
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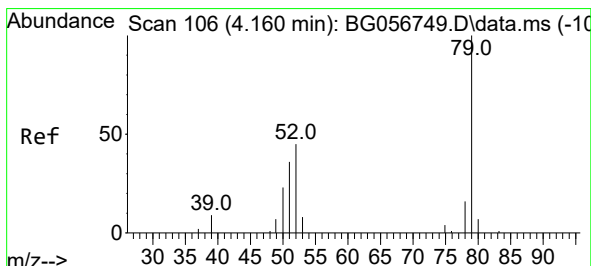
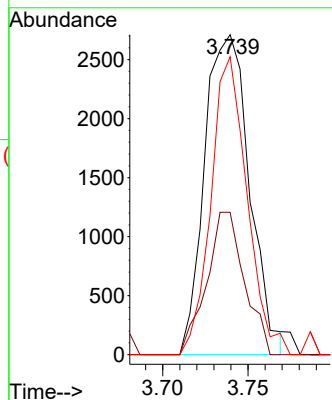
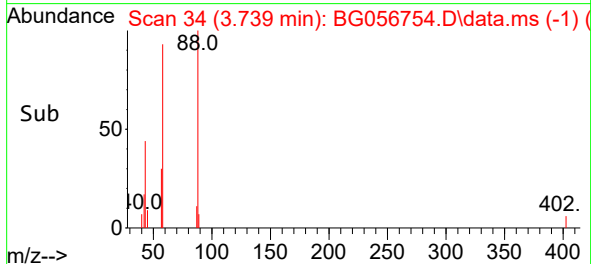


#2
1,4-Dioxane
Concen: 13.463 ng/uL
RT: 3.739 min Scan# 34
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Instrument :
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ClientSampleId :
DBZT0MSD

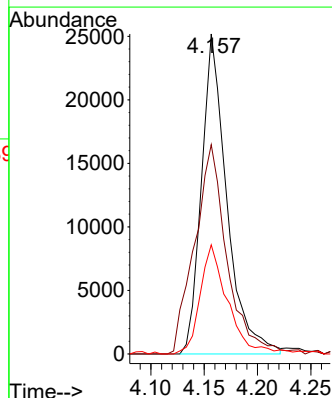
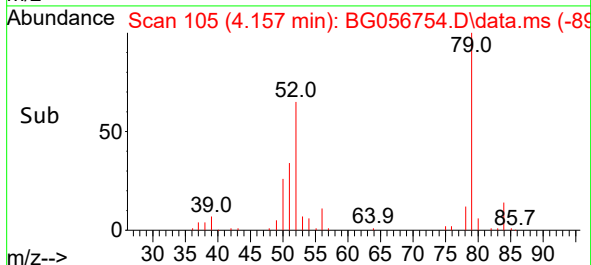
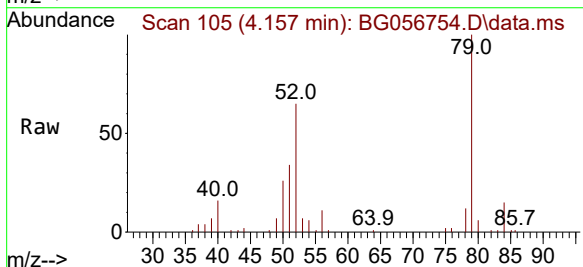


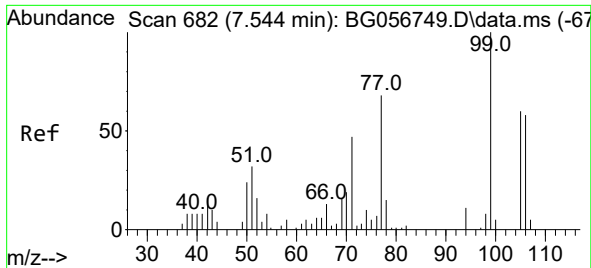
Tgt Ion: 88 Resp: 4958
Ion Ratio Lower Upper
88 100
43 44.5 28.3 42.5#
58 93.1 50.6 75.8#



#5
Pyridine
Concen: 32.662 ng/uL
RT: 4.157 min Scan# 105
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion: 79 Resp: 41700
Ion Ratio Lower Upper
79 100
52 65.4 60.6 91.0
51 34.1 31.9 47.9

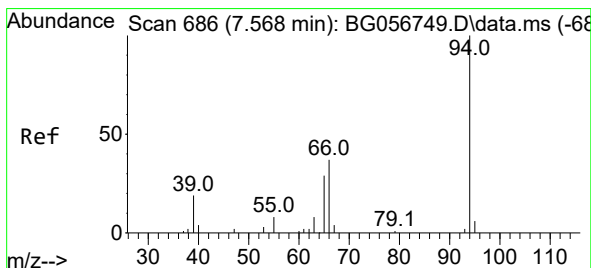
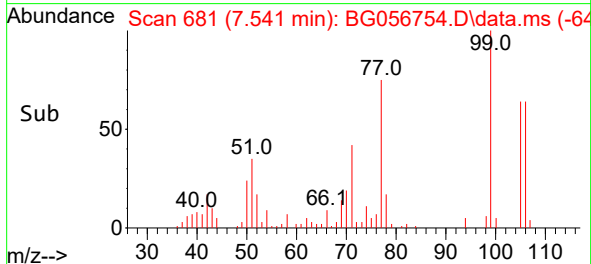
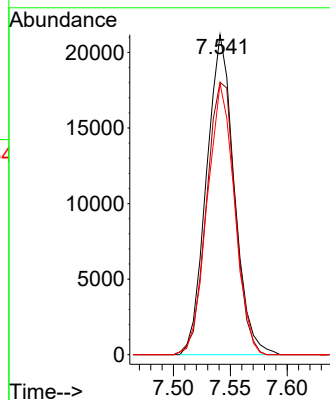
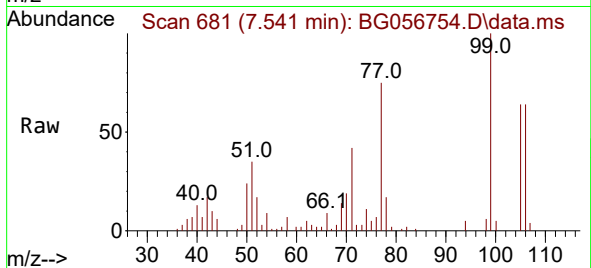




#6
Benzaldehyde
Concen: 41.293 ng/ul
RT: 7.541 min Scan# 682
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

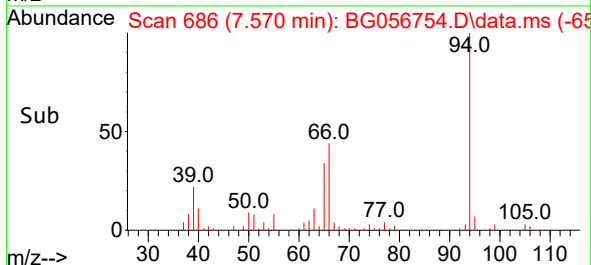
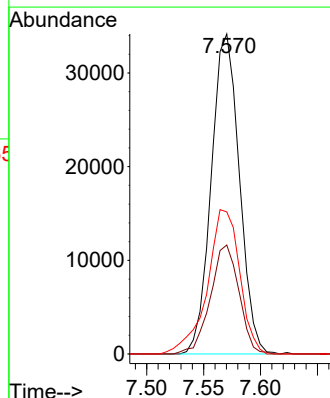
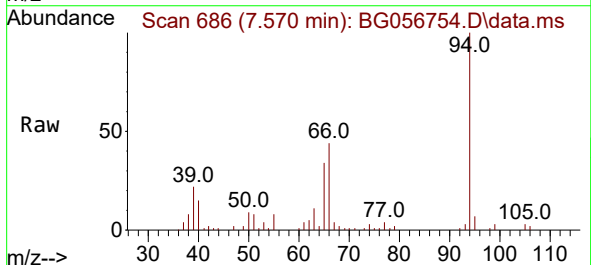
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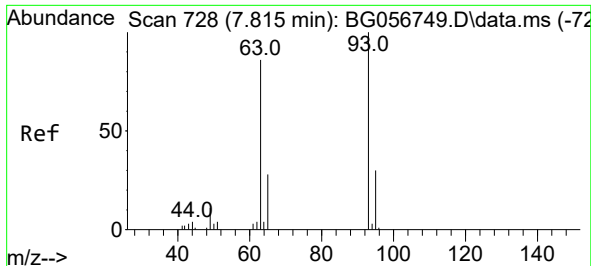
Tgt Ion: 77 Resp: 35867
Ion Ratio Lower Upper
77 100
105 85.1 72.2 108.4
106 84.7 67.4 101.2



#8
Phenol
Concen: 34.725 ng/ul
RT: 7.570 min Scan# 686
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion: 94 Resp: 58725
Ion Ratio Lower Upper
94 100
65 34.0 25.7 38.5
66 44.4 38.9 58.3

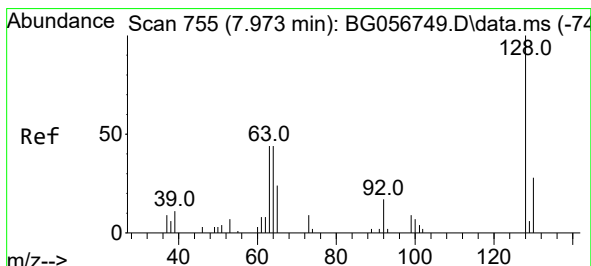
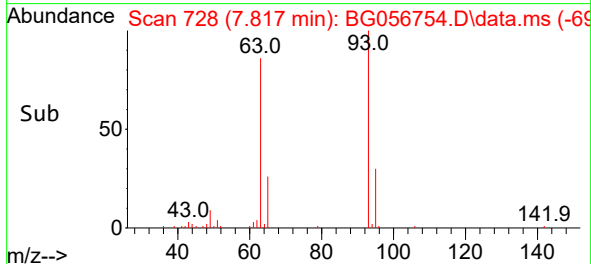
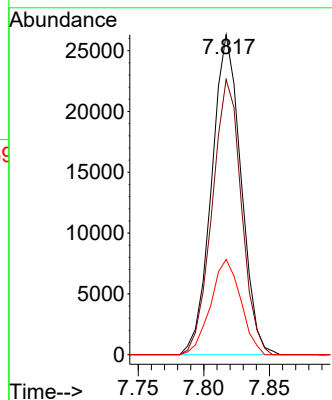
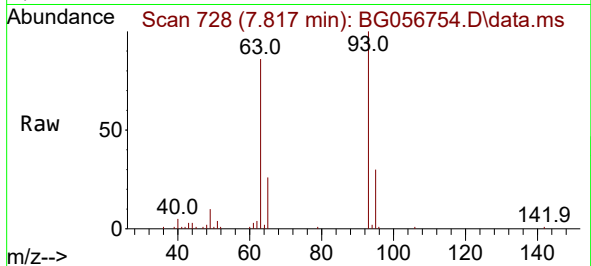




#10
Bis(2-Chloroethyl)ether
Concen: 34.099 ng/ul
RT: 7.817 min Scan# 710
Delta R.T. 0.002 min
Lab File: BG056754.D
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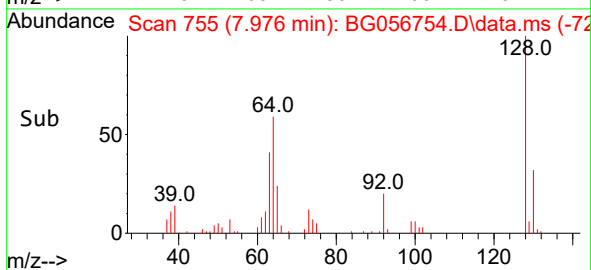
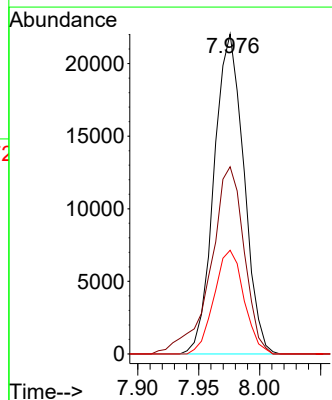
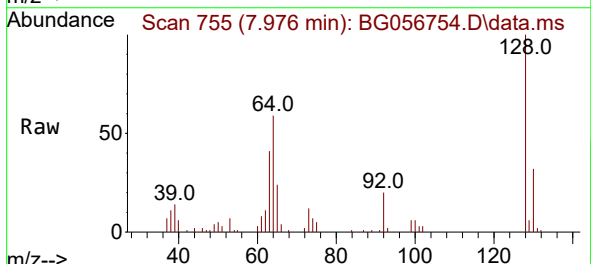
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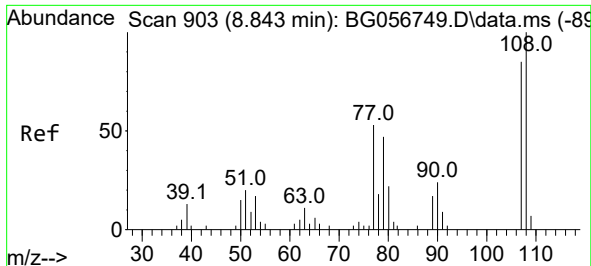
Tgt Ion: 93 Resp: 40972
Ion Ratio Lower Upper
93 100
63 86.0 66.6 100.0
95 29.8 25.0 37.4



#12
2-Chlorophenol
Concen: 34.378 ng/ul
RT: 7.976 min Scan# 755
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:128 Resp: 37484
Ion Ratio Lower Upper
128 100
64 58.5 45.5 68.3
130 32.4 27.7 41.5

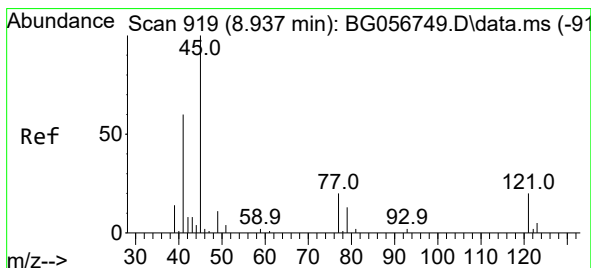
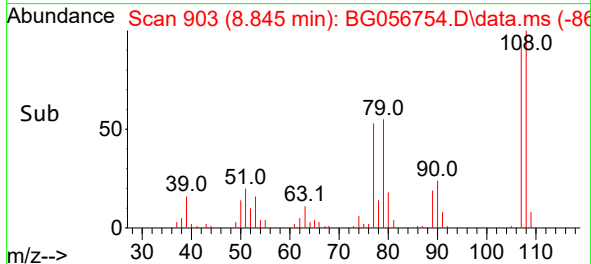
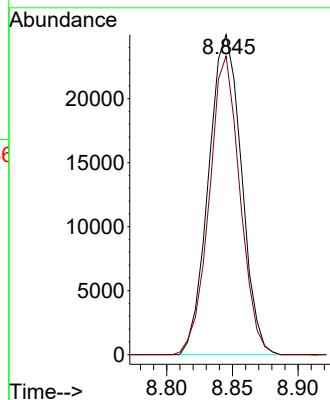
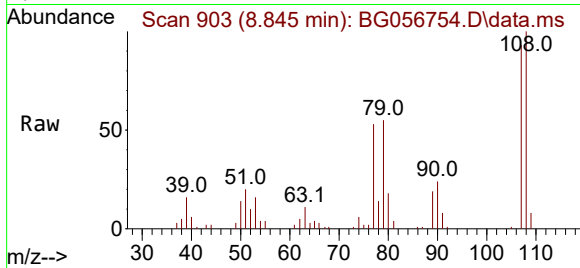




#13
2-Methylphenol
Concen: 34.112 ng/ul
RT: 8.845 min Scan# 903
Delta R.T. 0.002 min
Lab File: BG056754.D
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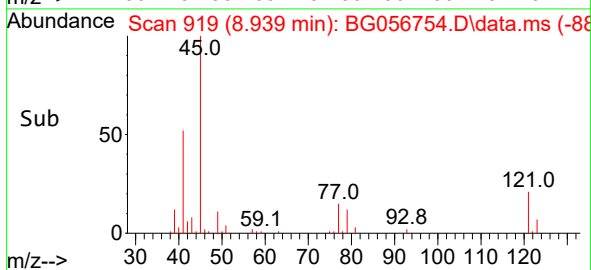
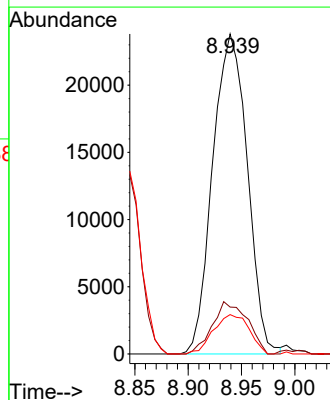
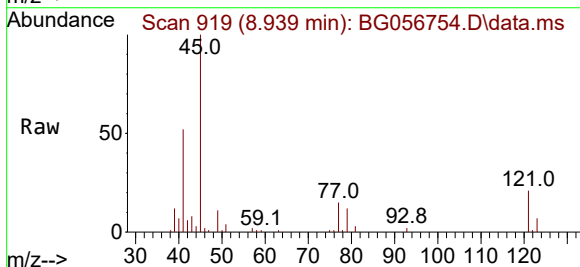
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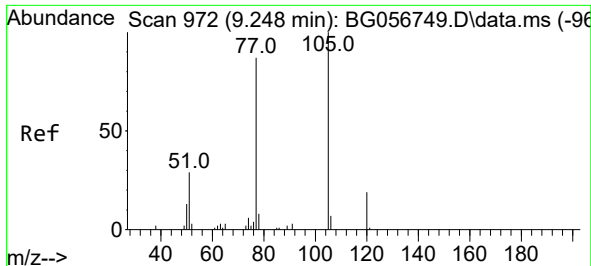
Tgt Ion:108 Resp: 43513
Ion Ratio Lower Upper
108 100
107 93.4 73.4 110.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 33.336 ng/ul
RT: 8.939 min Scan# 919
Delta R.T. 0.002 min
Lab File: BG056754.D
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Tgt Ion: 45 Resp: 53825
Ion Ratio Lower Upper
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79 12.3 9.8 14.6

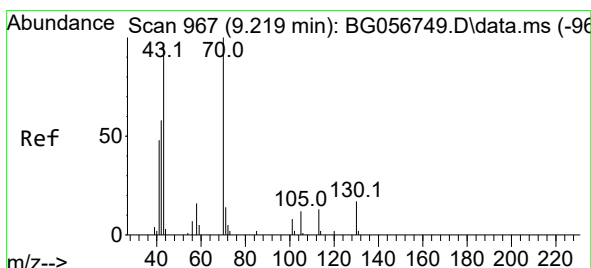
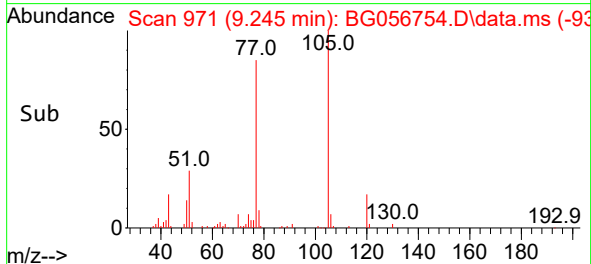
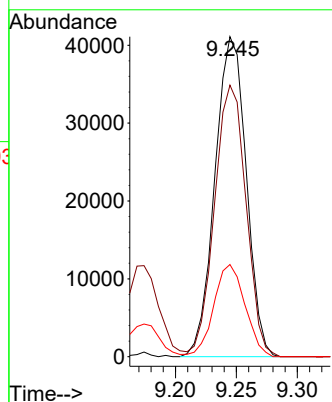
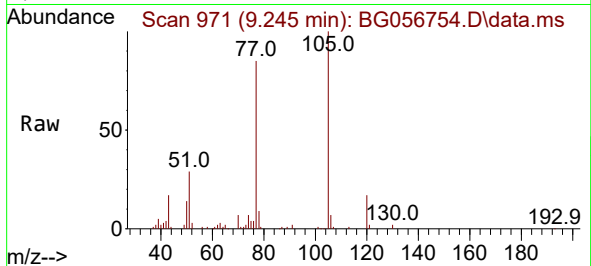




#16
Acetophenone
Concen: 33.863 ng/ul
RT: 9.245 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056754.D
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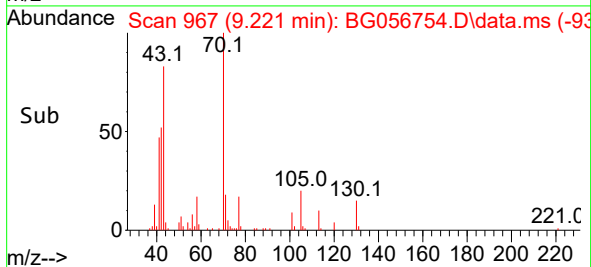
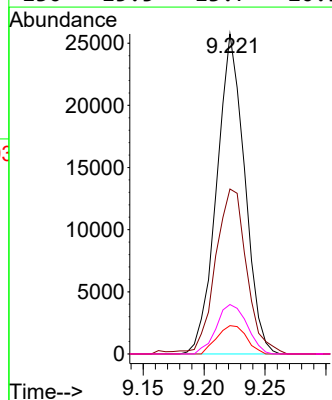
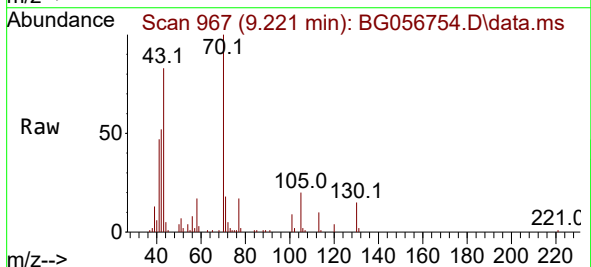
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

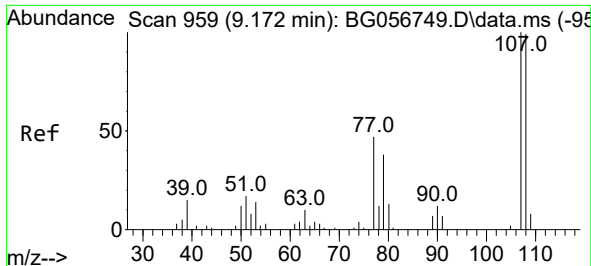
Tgt Ion:105 Resp: 73462
Ion Ratio Lower Upper
105 100
77 84.8 71.4 107.0
51 28.8 23.6 35.4



#17
N-Nitroso-di-n-propylamine
Concen: 32.965 ng/ul
RT: 9.221 min Scan# 967
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion: 70 Resp: 41033
Ion Ratio Lower Upper
70 100
42 51.5 46.6 70.0
101 8.9 7.3 10.9
130 15.5 13.7 20.5





#18

4-Methylphenol

Concen: 33.998 ng/ul

RT: 9.174 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

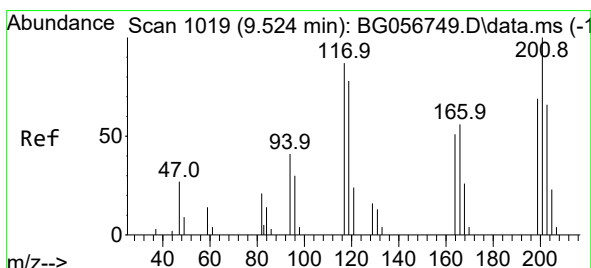
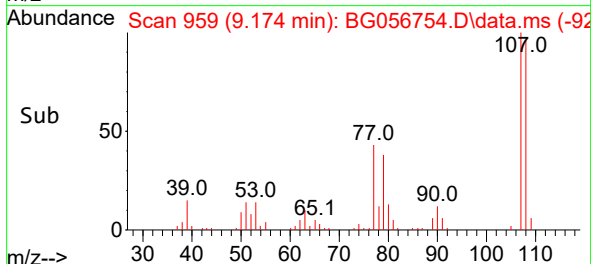
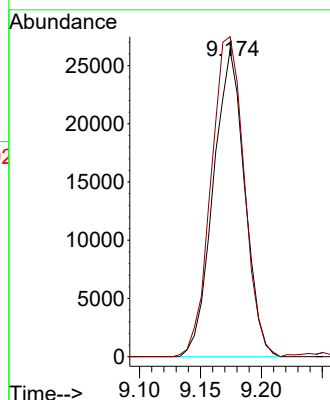
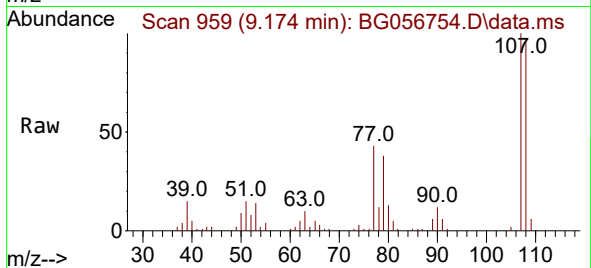
DBZT0MSD

Tgt Ion:108 Resp: 47123

Ion Ratio Lower Upper

108 100

107 104.3 92.1 138.1



#19

Hexachloroethane

Concen: 33.387 ng/ul

RT: 9.521 min Scan# 1018

Delta R.T. -0.004 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

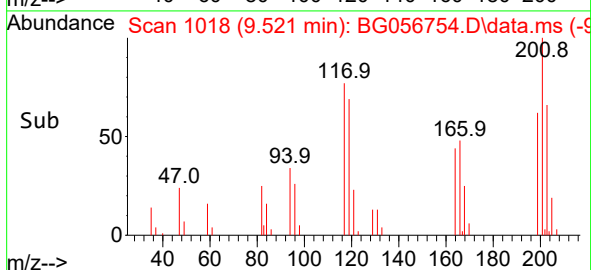
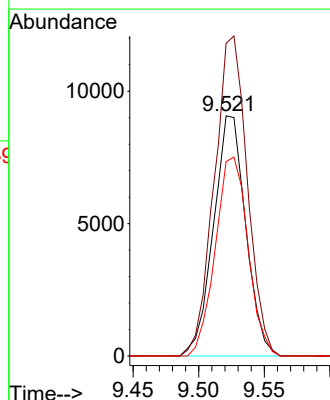
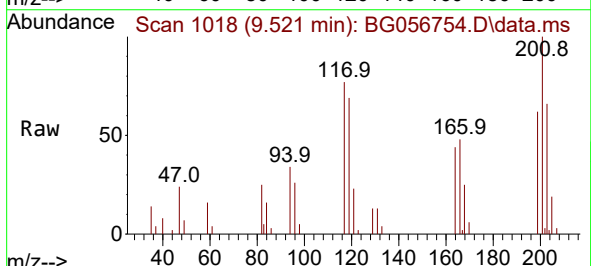
Tgt Ion:117 Resp: 15480

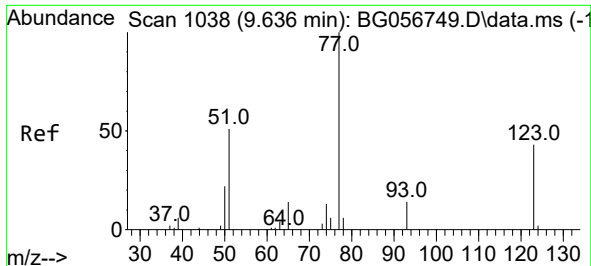
Ion Ratio Lower Upper

117 100

201 130.1 95.2 142.8

199 80.9 57.9 86.9





#22

Nitrobenzene

Concen: 35.731 ng/ul

RT: 9.638 min Scan# 1038

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

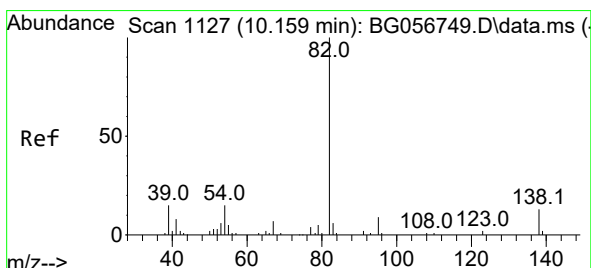
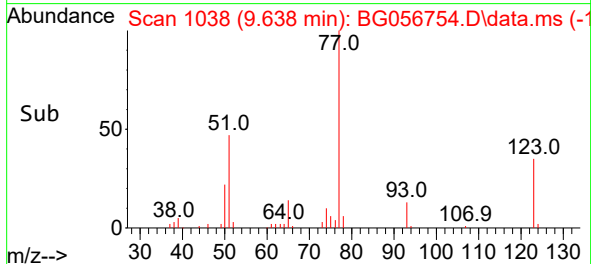
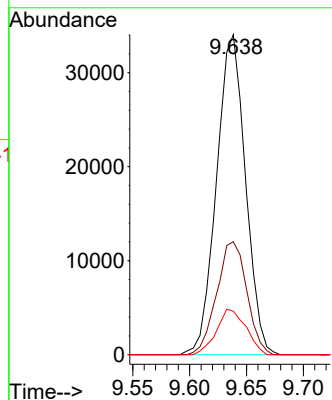
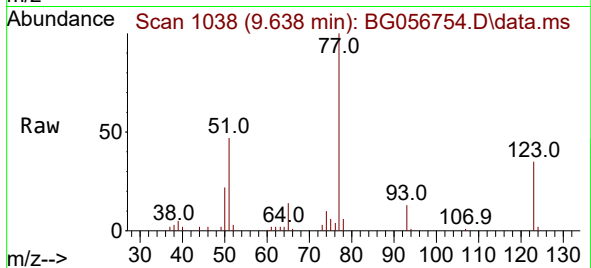
Tgt Ion: 77 Resp: 60334

Ion Ratio Lower Upper

77 100

123 35.3 27.8 41.6

65 13.6 10.6 16.0



#23

Isophorone

Concen: 34.640 ng/ul

RT: 10.155 min Scan# 1126

Delta R.T. -0.004 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

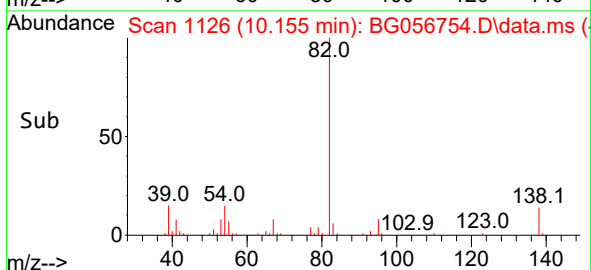
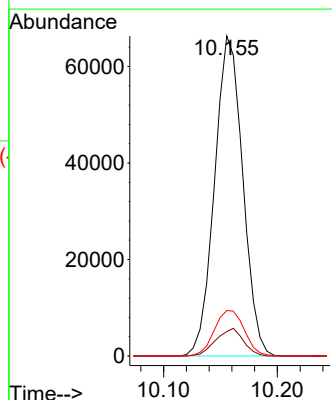
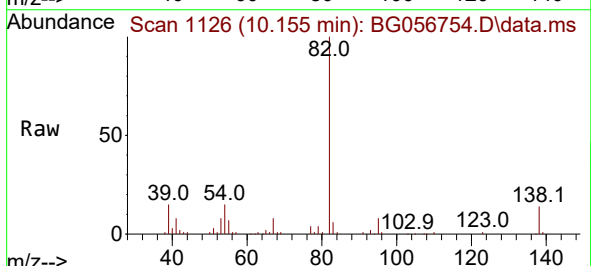
Tgt Ion: 82 Resp: 114356

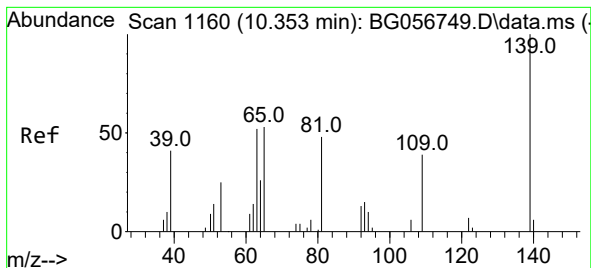
Ion Ratio Lower Upper

82 100

95 7.6 7.7 11.5#

138 14.2 12.1 18.1

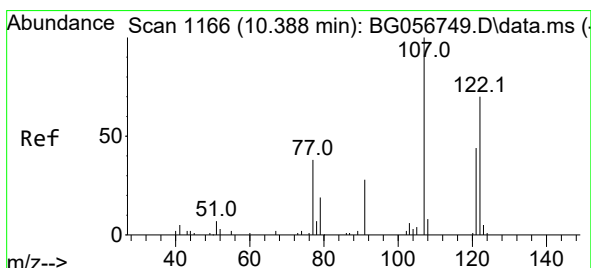
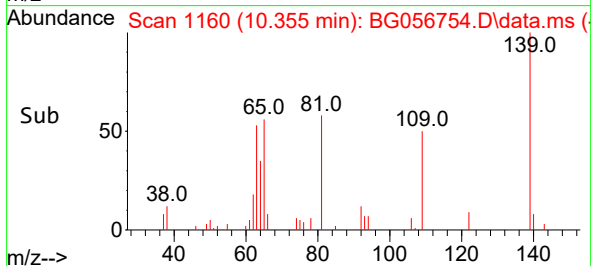
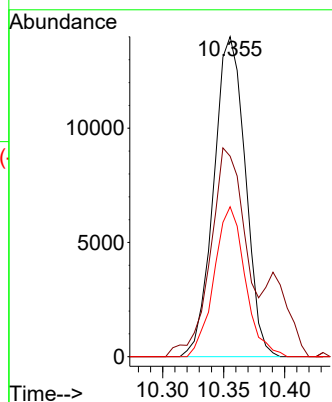
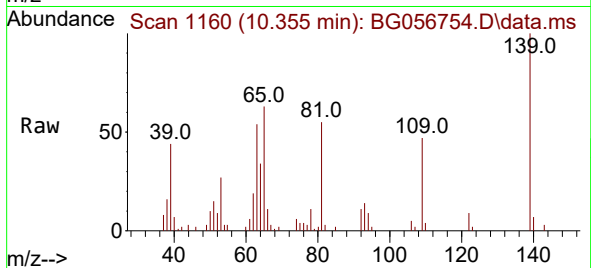




#25
2-Nitrophenol
Concen: 36.920 ng/ul
RT: 10.355 min Scan# 1160
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

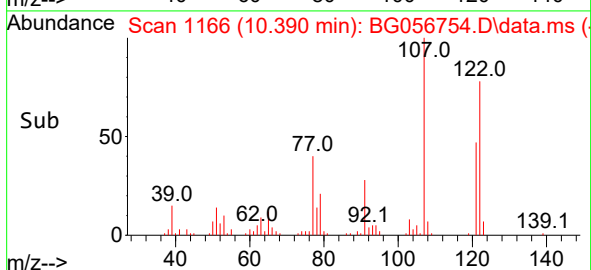
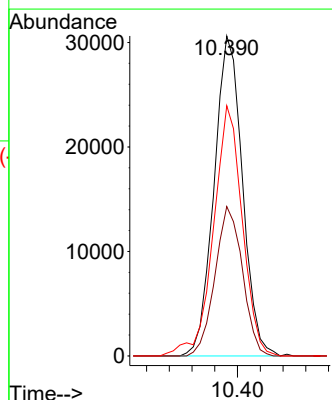
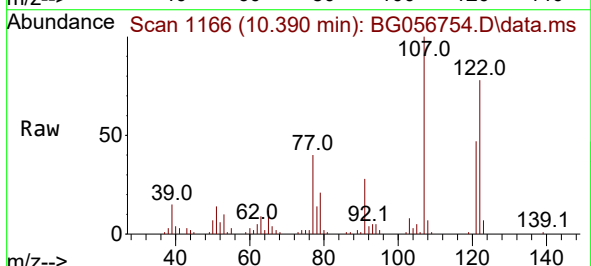
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

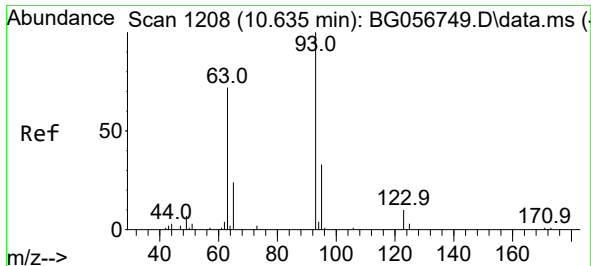
Tgt Ion:139 Resp: 25261
Ion Ratio Lower Upper
139 100
65 62.7 49.4 74.2
109 46.9 31.6 47.4



#26
2,4-Dimethylphenol
Concen: 34.621 ng/ul
RT: 10.390 min Scan# 1166
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:107 Resp: 52903
Ion Ratio Lower Upper
107 100
121 46.7 40.2 60.4
122 78.2 63.1 94.7





#27

Bis(2-Chloroethoxy)methane

Concen: 35.405 ng/ul

RT: 10.631 min Scan# 1207

Delta R.T. -0.004 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

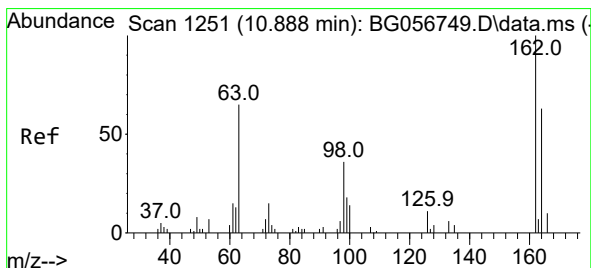
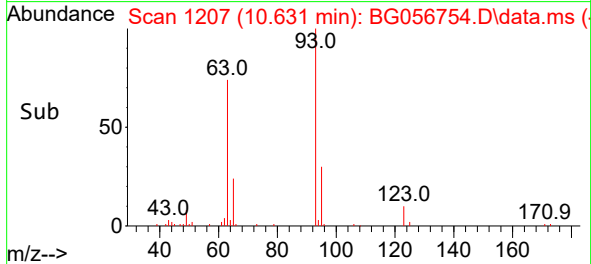
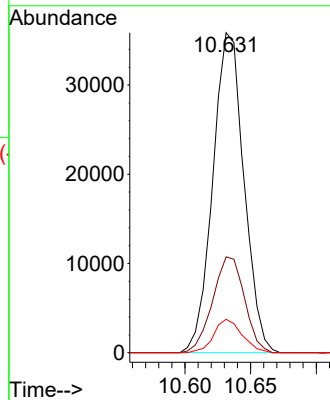
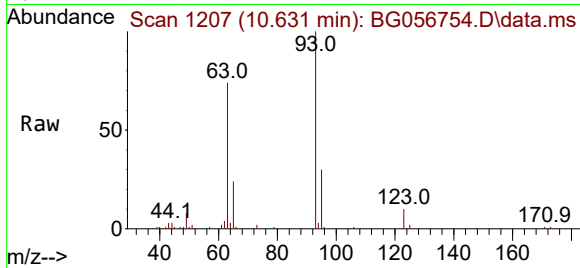
Tgt Ion: 93 Resp: 59078

Ion Ratio Lower Upper

93 100

95 30.0 24.6 37.0

123 10.5 6.6 10.0#



#29

2,4-Dichlorophenol

Concen: 36.125 ng/ul

RT: 10.890 min Scan# 1251

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

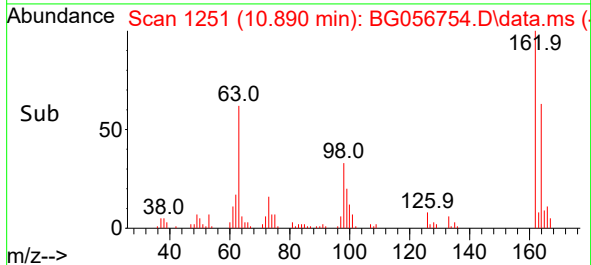
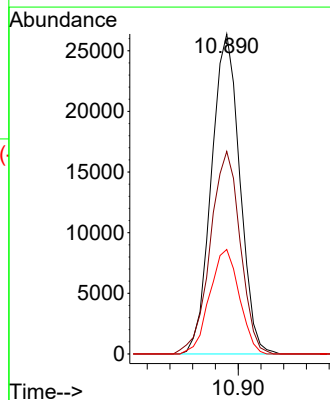
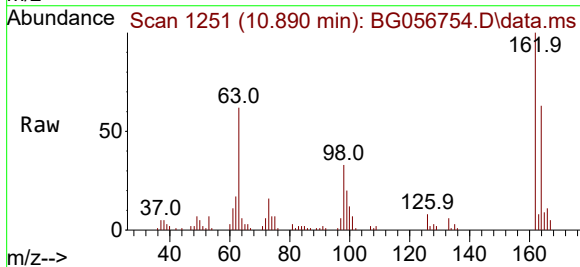
Tgt Ion:162 Resp: 45680

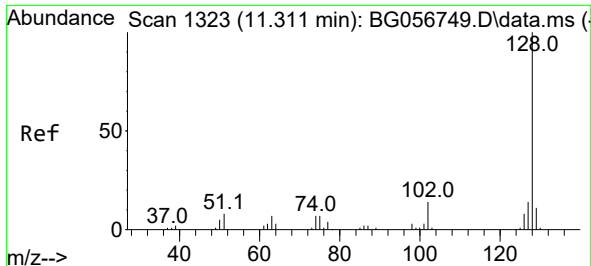
Ion Ratio Lower Upper

162 100

164 63.3 53.3 79.9

98 32.7 25.5 38.3

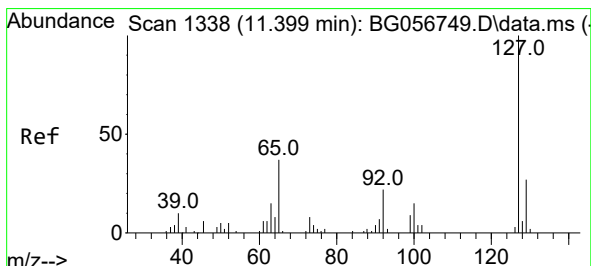
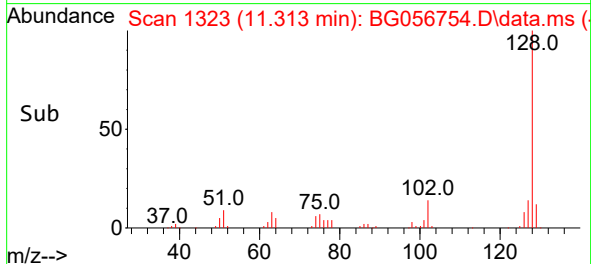
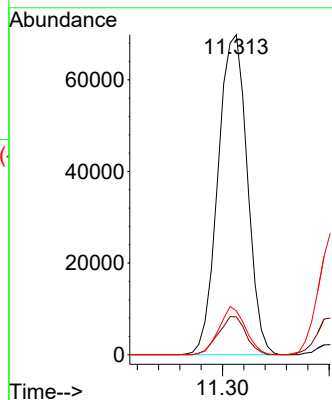
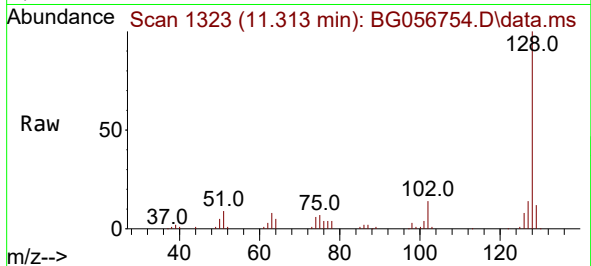




#30
Naphthalene
Concen: 34.798 ng/ul
RT: 11.313 min Scan# 11313
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

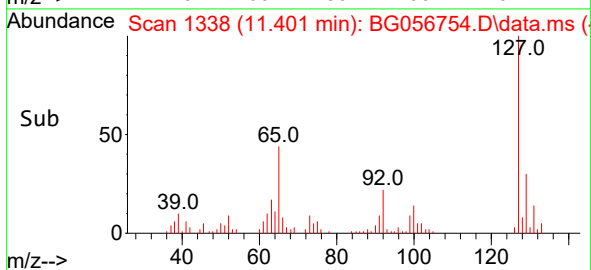
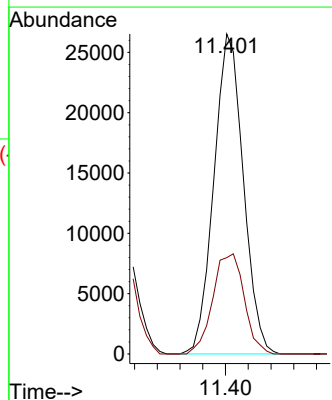
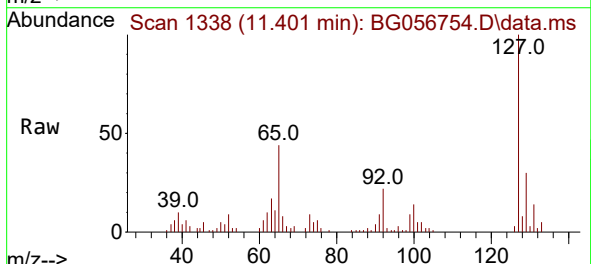
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

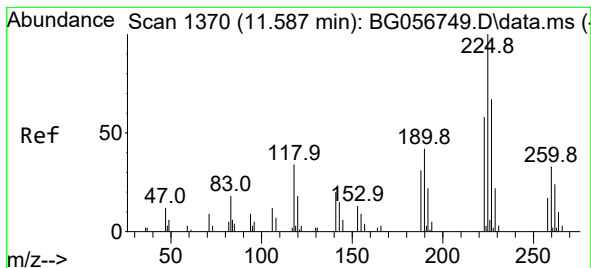
Tgt Ion:128 Resp: 133090
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.7 9.8 14.8



#32
4-Chloroaniline
Concen: 28.233 ng/ul
RT: 11.401 min Scan# 1338
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:127 Resp: 47633
Ion Ratio Lower Upper
127 100
129 30.1 23.4 35.0





#33

Hexachlorobutadiene

Concen: 35.678 ng/ul

RT: 11.589 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

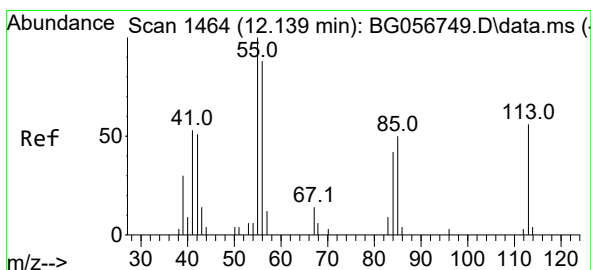
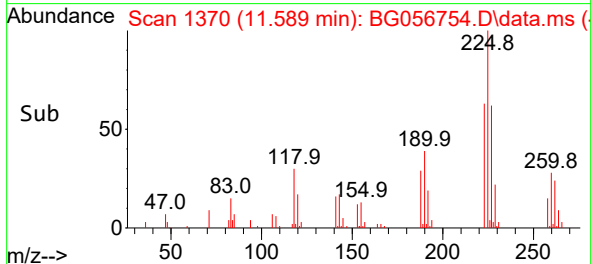
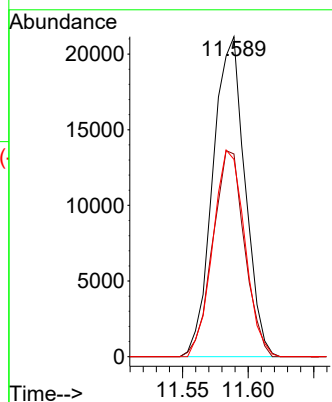
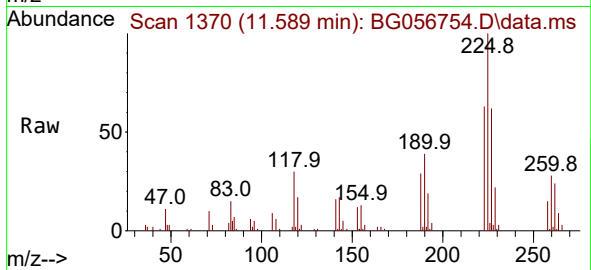
Tgt Ion:225 Resp: 35956

Ion Ratio Lower Upper

225 100

223 63.4 53.5 80.3

227 61.6 58.2 87.2



#34

Caprolactam

Concen: 36.040 ng/ul

RT: 12.147 min Scan# 1465

Delta R.T. 0.008 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

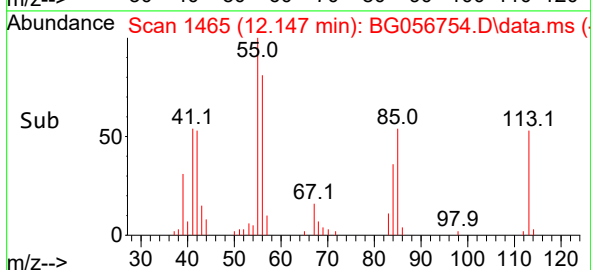
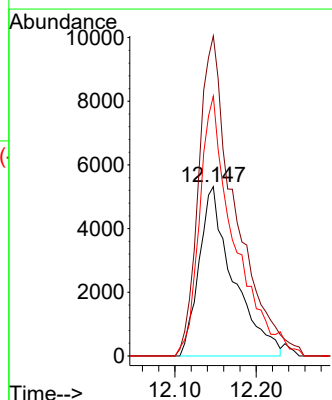
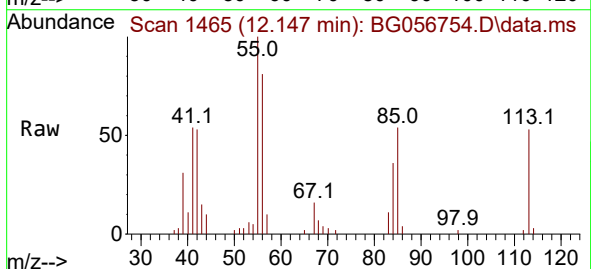
Tgt Ion:113 Resp: 15493

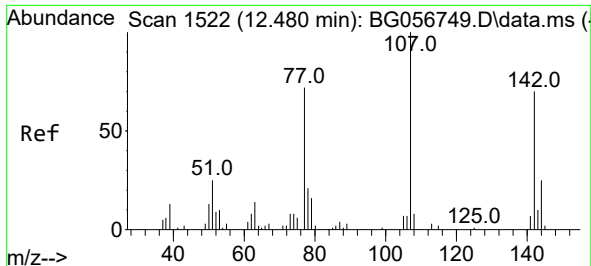
Ion Ratio Lower Upper

113 100

55 189.1 167.0 250.6

56 153.5 113.5 170.3

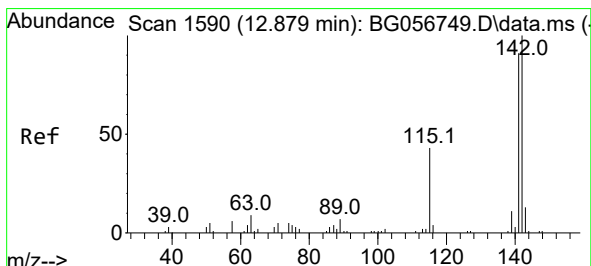
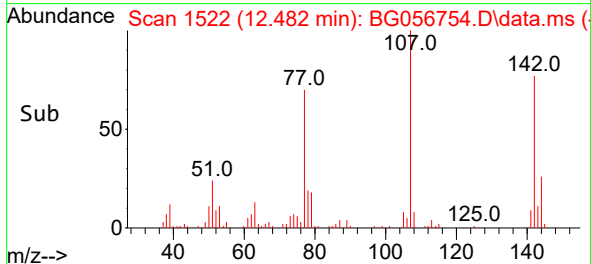
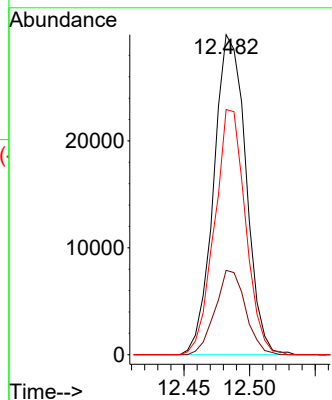
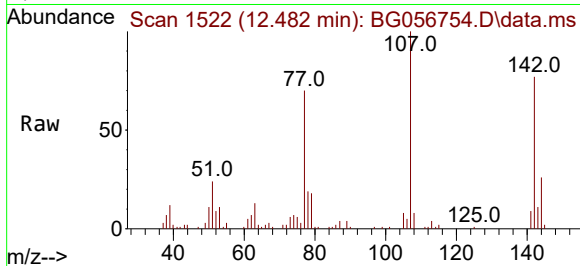




#35
4-Chloro-3-methylphenol
Concen: 35.090 ng/ul
RT: 12.482 min Scan# 1522
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

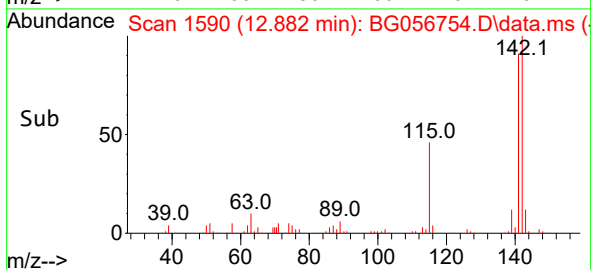
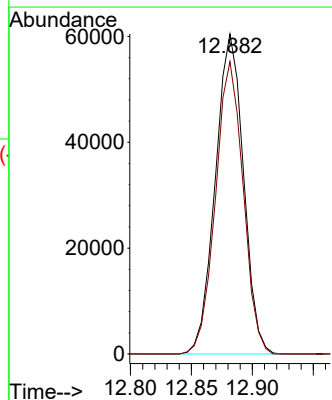
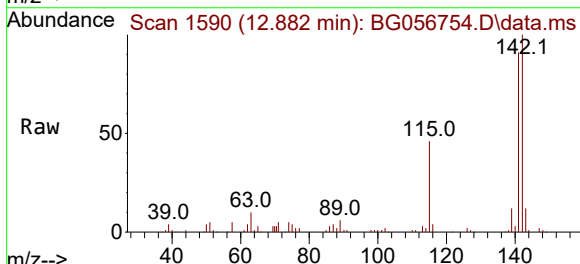
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

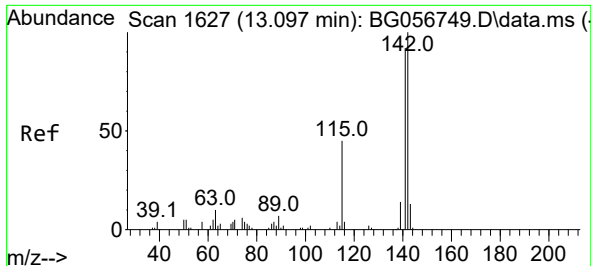
Tgt Ion:107 Resp: 50976
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 76.6 55.8 83.6



#36
2-Methylnaphthalene
Concen: 35.426 ng/ul
RT: 12.882 min Scan# 1590
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:142 Resp: 97035
Ion Ratio Lower Upper
142 100
141 91.3 71.0 106.6





#37

1-Methylnaphthalene

Concen: 36.711 ng/ul

RT: 13.099 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

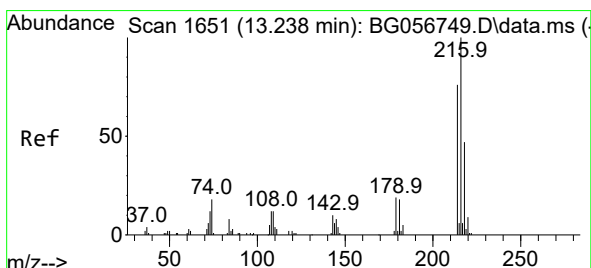
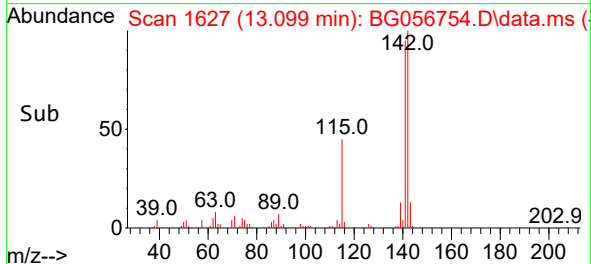
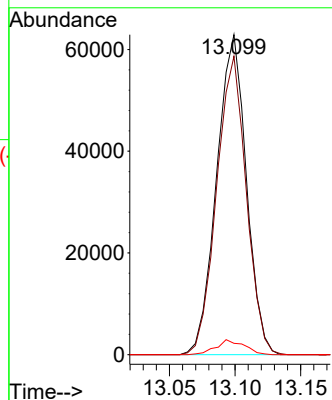
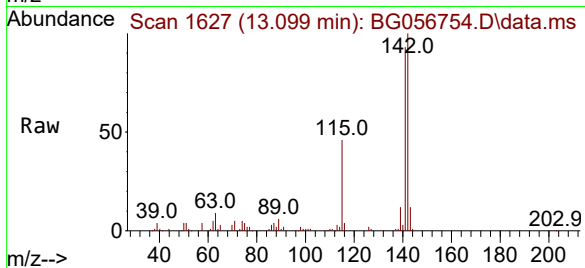
Tgt Ion:142 Resp: 99143

Ion Ratio Lower Upper

142 100

141 93.2 73.5 110.3

116 3.5 4.0 6.0#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.397 ng/ul

RT: 13.240 min Scan# 1651

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Tgt Ion:216 Resp: 72475

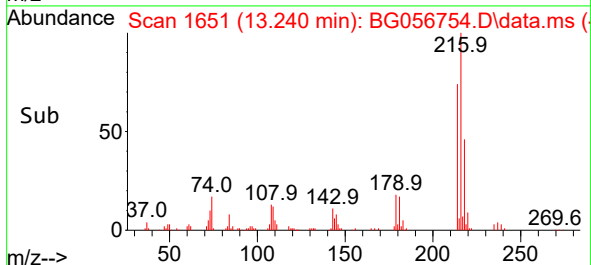
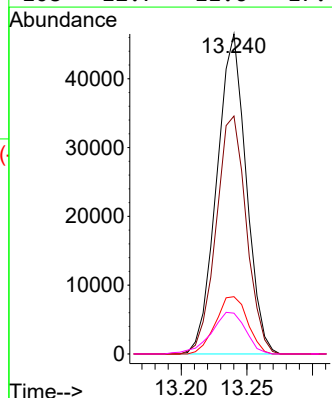
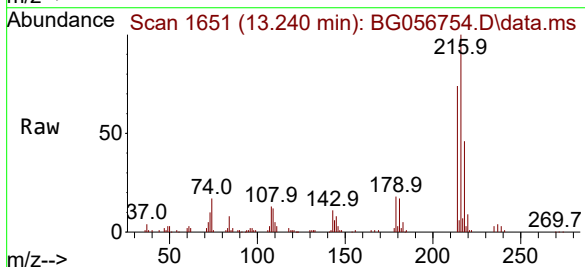
Ion Ratio Lower Upper

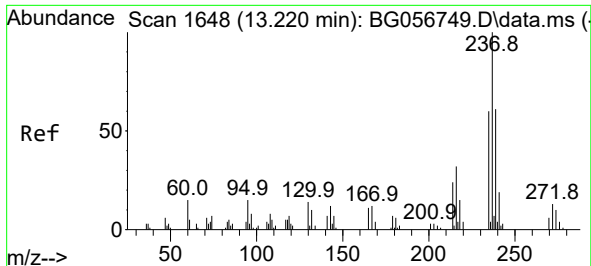
216 100

214 74.4 64.4 96.6

179 17.9 16.9 25.3

108 12.7 11.6 17.4

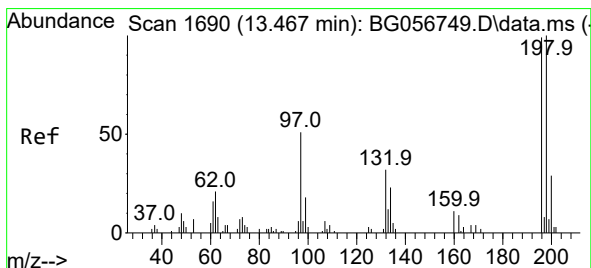
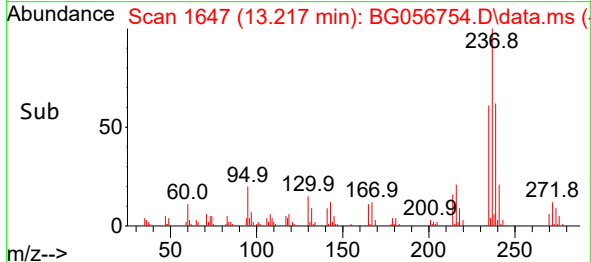
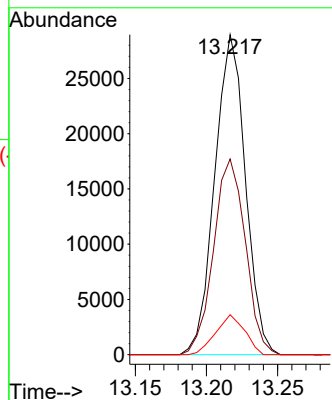
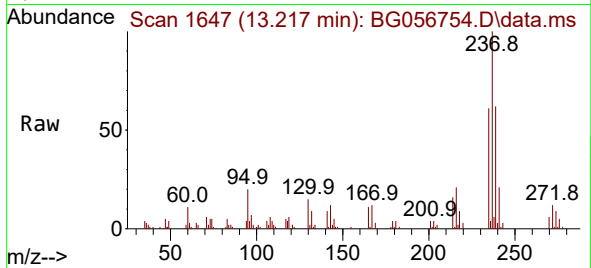




#40
Hexachlorocyclopentadiene
Concen: 31.328 ng/ul
RT: 13.217 min Scan# 1647
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

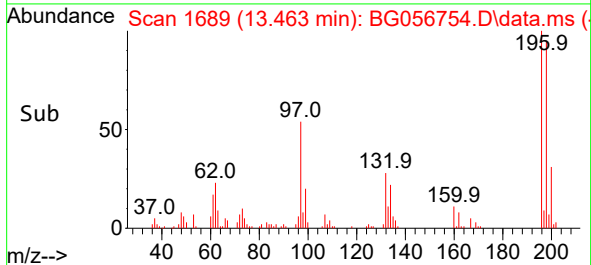
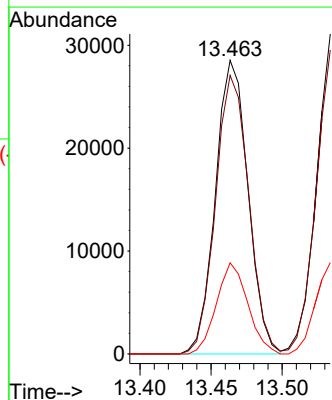
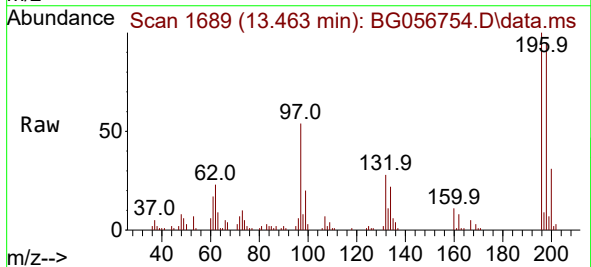
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

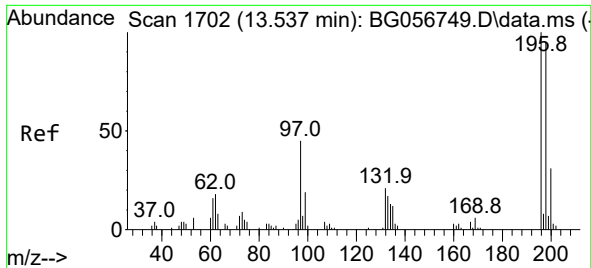
Tgt Ion:237 Resp: 43504
Ion Ratio Lower Upper
237 100
235 61.1 47.8 71.8
272 12.5 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 35.172 ng/ul
RT: 13.463 min Scan# 1689
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:196 Resp: 45545
Ion Ratio Lower Upper
196 100
198 94.9 75.0 112.6
200 31.1 22.1 33.1

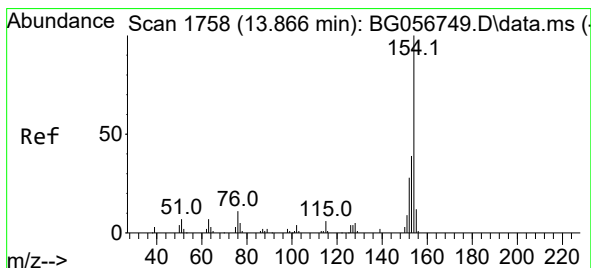
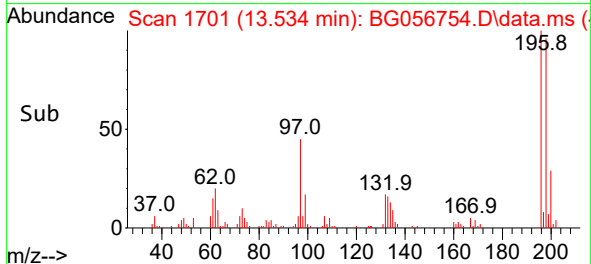
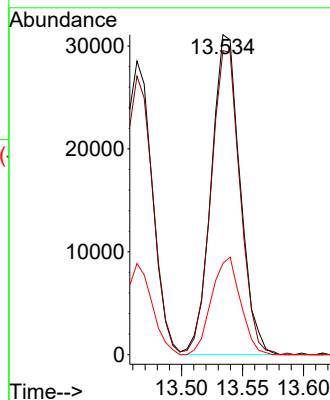
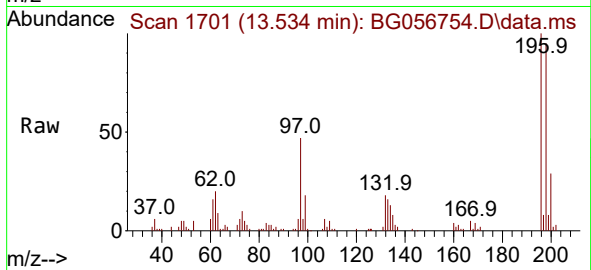




#42
 2,4,5-Trichlorophenol
 Concen: 36.401 ng/ul
 RT: 13.534 min Scan# 1702
 Delta R.T. -0.004 min
 Lab File: BG056754.D
 Acq: 28 Feb 2023 14:17

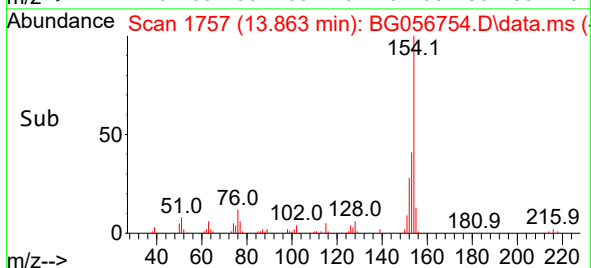
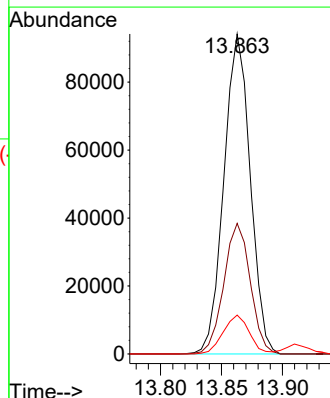
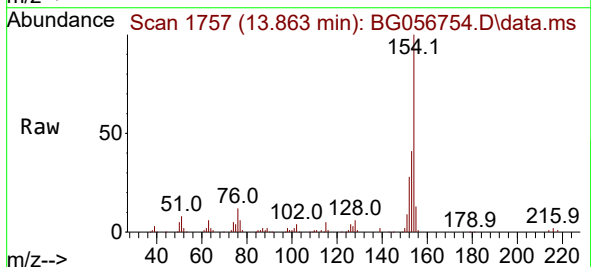
Instrument :
 BNA_G
 ClientSampleId :
 DBZT0MSD

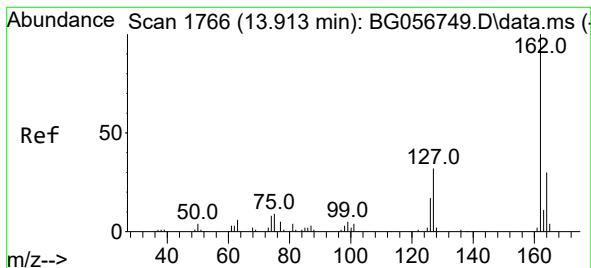
Tgt Ion:196 Resp: 51182
 Ion Ratio Lower Upper
 196 100
 198 95.0 80.1 120.1
 200 28.6 26.7 40.1



#43
 1,1'-Biphenyl
 Concen: 35.165 ng/ul
 RT: 13.863 min Scan# 1757
 Delta R.T. -0.004 min
 Lab File: BG056754.D
 Acq: 28 Feb 2023 14:17

Tgt Ion:154 Resp: 141344
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.0 48.0
 76 12.1 9.0 13.4





#44

2-Chloronaphthalene

Concen: 35.103 ng/ul

RT: 13.916 min Scan# 1766

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

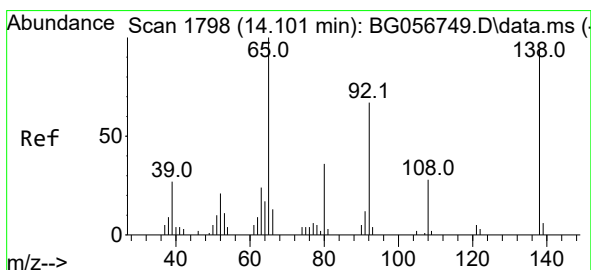
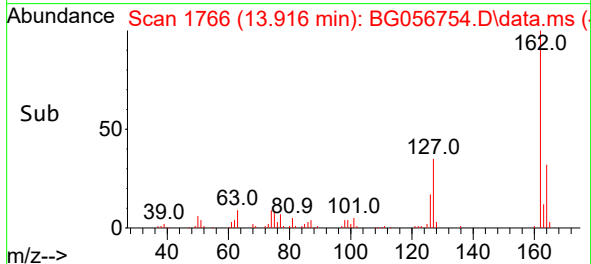
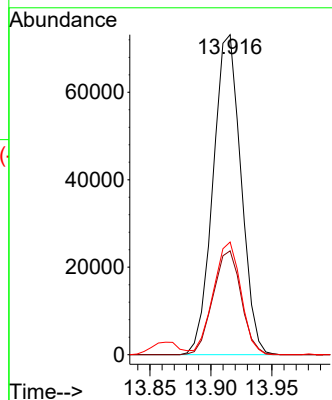
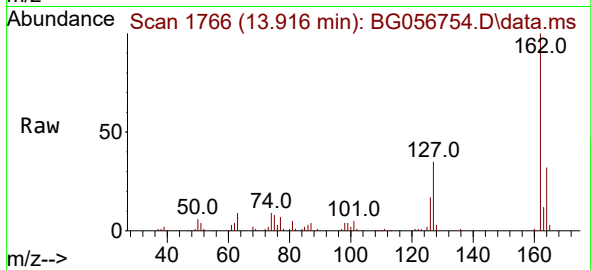
Tgt Ion:162 Resp: 116740

Ion Ratio Lower Upper

162 100

164 32.5 23.3 34.9

127 35.2 25.8 38.8



#45

2-Nitroaniline

Concen: 36.034 ng/ul

RT: 14.104 min Scan# 1798

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

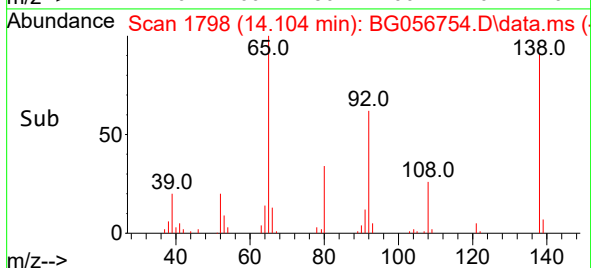
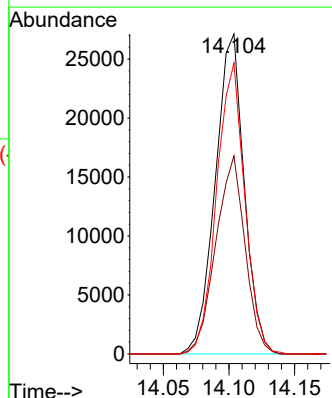
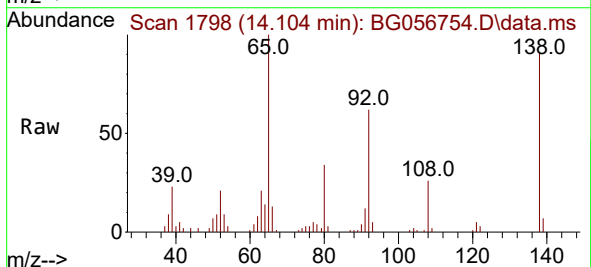
Tgt Ion: 65 Resp: 41596

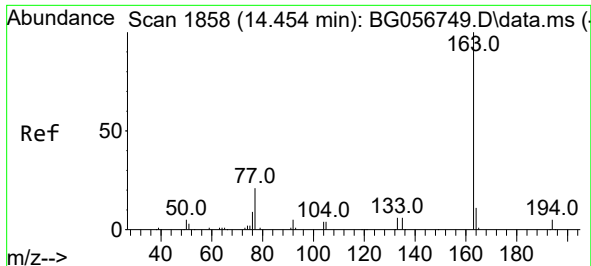
Ion Ratio Lower Upper

65 100

92 61.9 53.9 80.9

138 90.9 73.8 110.6





#47

Dimethylphthalate

Concen: 34.108 ng/ul

RT: 14.456 min Scan# 1858

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

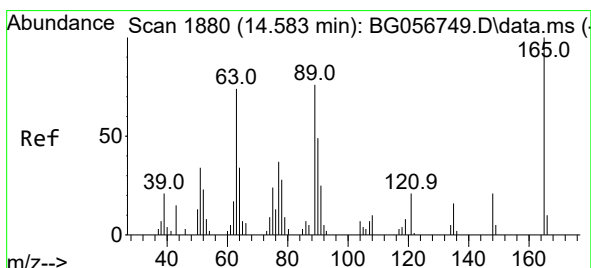
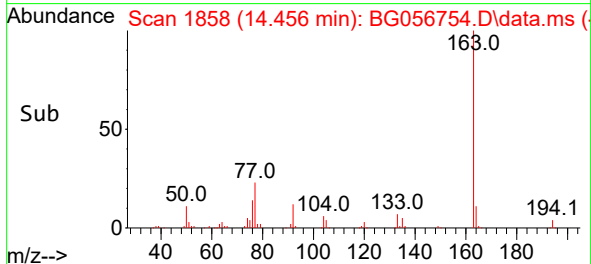
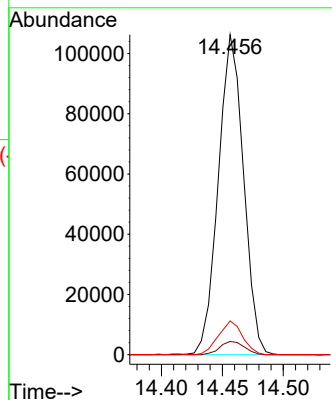
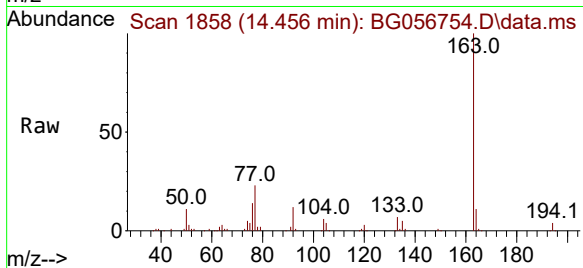
Tgt Ion:163 Resp: 152974

Ion Ratio Lower Upper

163 100

194 4.1 2.5 3.7#

164 10.5 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 35.722 ng/ul

RT: 14.580 min Scan# 1879

Delta R.T. -0.004 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

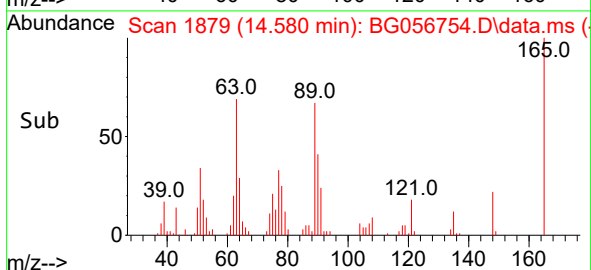
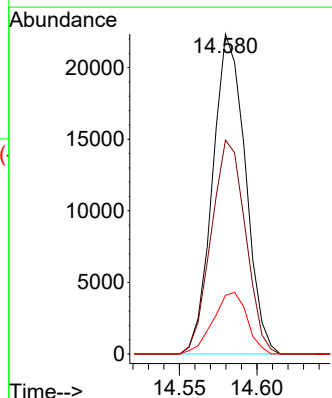
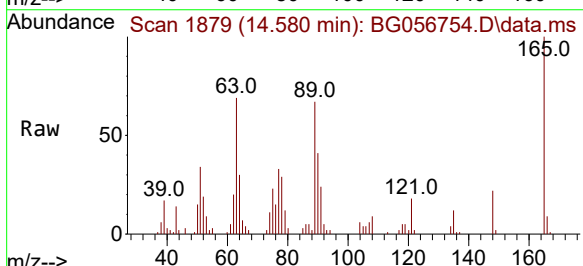
Tgt Ion:165 Resp: 32842

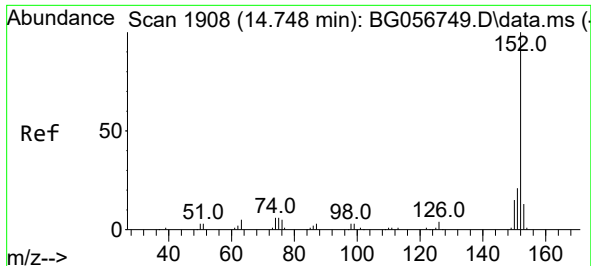
Ion Ratio Lower Upper

165 100

89 66.8 48.4 72.6

121 18.3 15.5 23.3

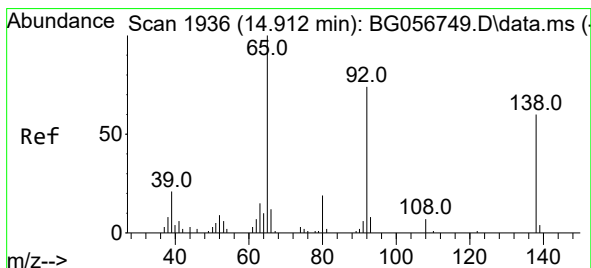
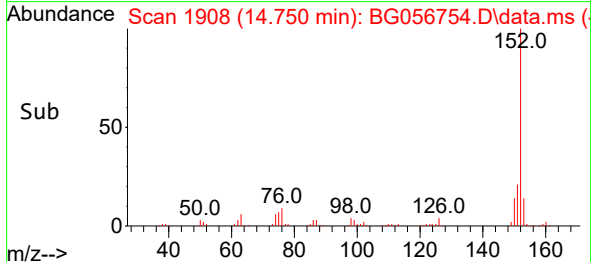
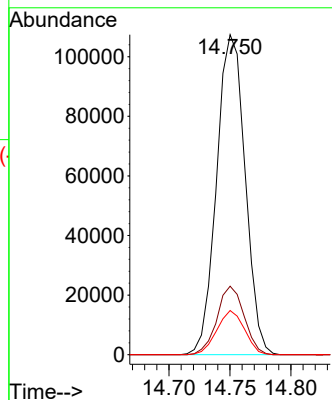
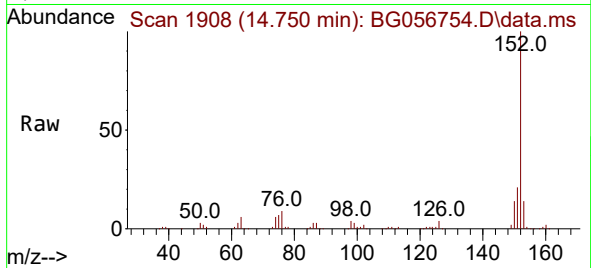




#50
Acenaphthylene
Concen: 34.585 ng/ul
RT: 14.750 min Scan# 1908
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

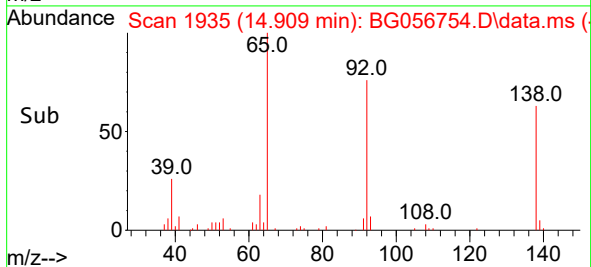
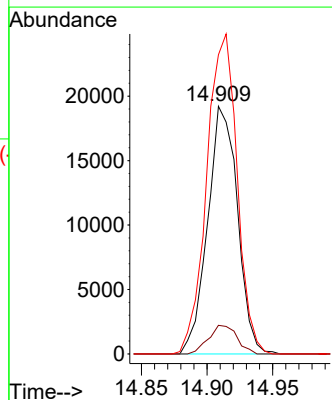
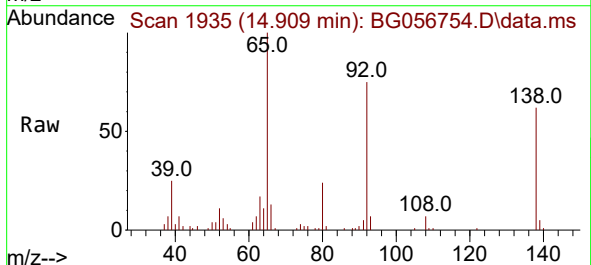
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

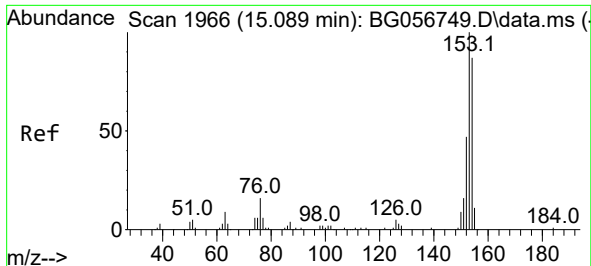
Tgt Ion:152 Resp: 175126
Ion Ratio Lower Upper
152 100
151 21.4 15.8 23.6
153 13.8 10.6 16.0



#51
3-Nitroaniline
Concen: 36.948 ng/ul
RT: 14.909 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:138 Resp: 30402
Ion Ratio Lower Upper
138 100
108 11.6 6.5 9.7#
92 120.8 102.2 153.2

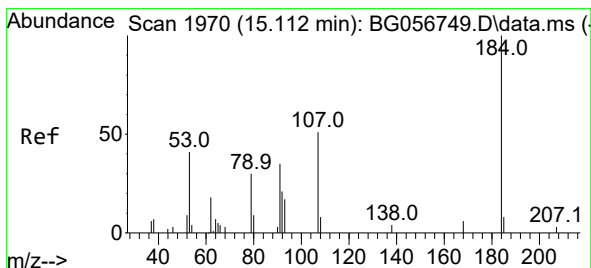
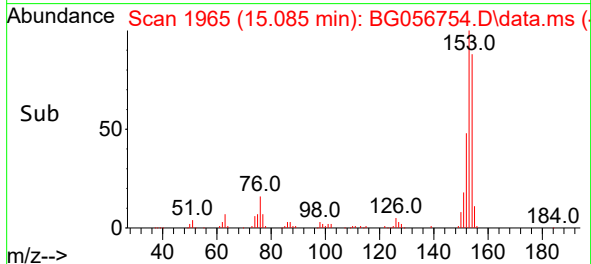
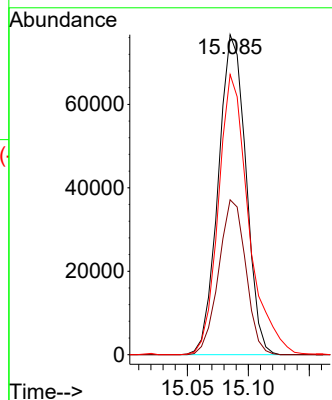
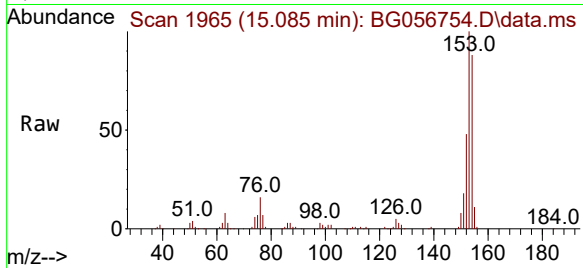




#52
Acenaphthene
Concen: 34.783 ng/ul
RT: 15.085 min Scan# 1966
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

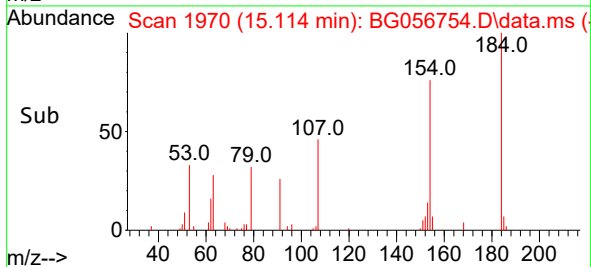
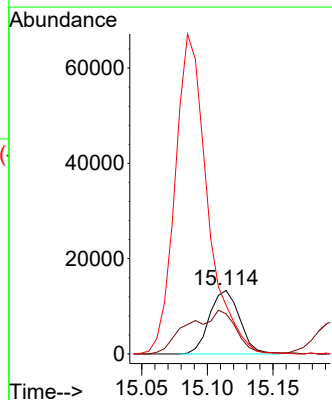
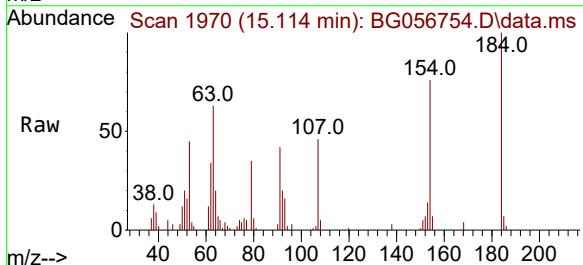
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

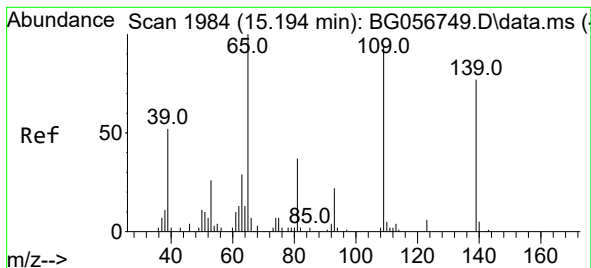
Tgt Ion:153 Resp: 120995
Ion Ratio Lower Upper
153 100
152 48.4 38.6 58.0
154 87.6 70.9 106.3



#53
2,4-Dinitrophenol
Concen: 36.290 ng/ul
RT: 15.114 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:184 Resp: 21374
Ion Ratio Lower Upper
184 100
63 63.1 43.8 65.6
154 76.4 66.8 100.2

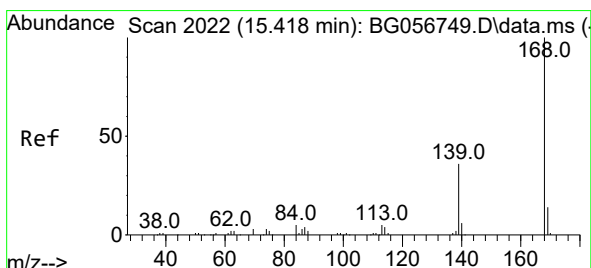
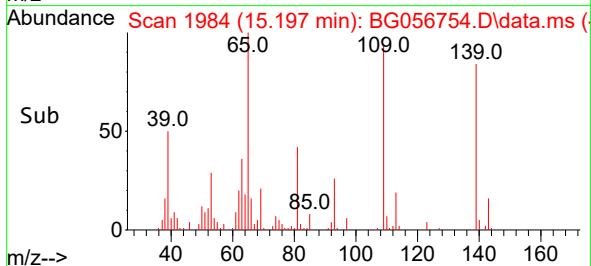
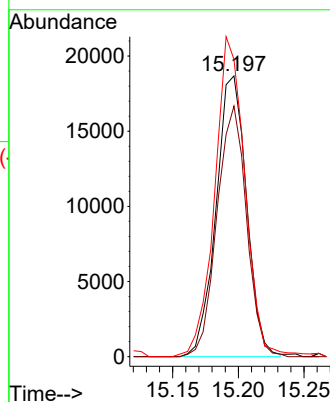
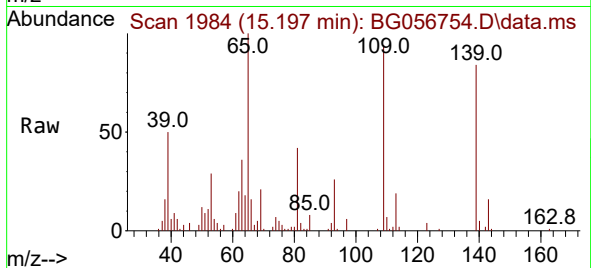




#55
4-Nitrophenol
Concen: 34.216 ng/ul
RT: 15.197 min Scan# 1984
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

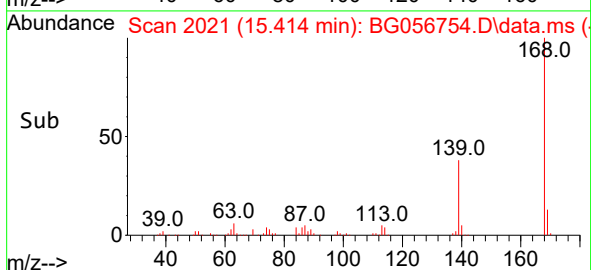
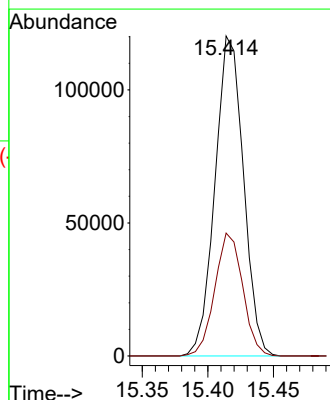
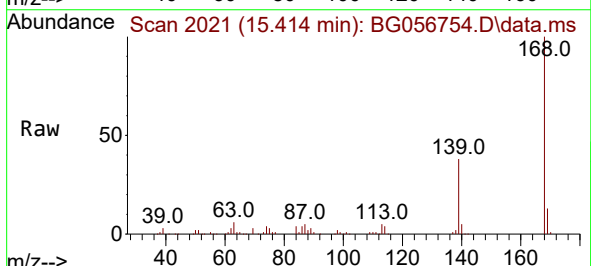
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

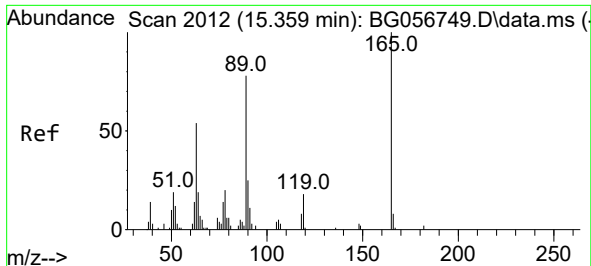
Tgt Ion:109 Resp: 30115
Ion Ratio Lower Upper
109 100
139 89.2 71.2 106.8
65 105.9 85.1 127.7



#56
Dibenzofuran
Concen: 34.369 ng/ul
RT: 15.414 min Scan# 2021
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:168 Resp: 181484
Ion Ratio Lower Upper
168 100
139 38.4 28.2 42.2





#57

2,4-Dinitrotoluene

Concen: 35.147 ng/ul

RT: 15.361 min Scan# 2012

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

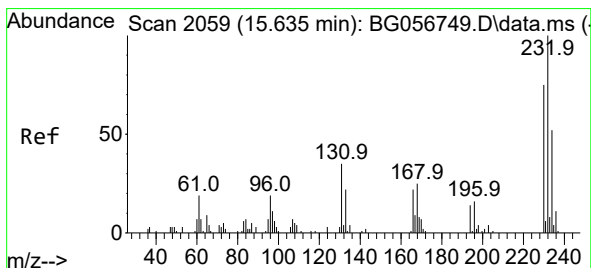
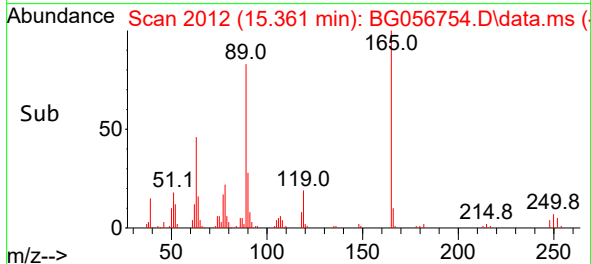
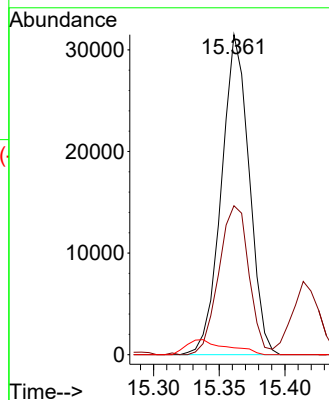
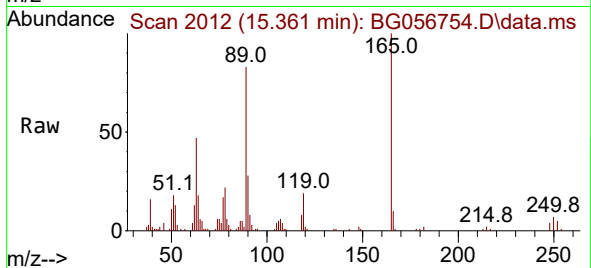
Tgt Ion:165 Resp: 46326

Ion Ratio Lower Upper

165 100

63 46.5 38.6 58.0

182 2.2 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.875 ng/ul

RT: 15.631 min Scan# 2058

Delta R.T. -0.004 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Tgt Ion:232 Resp: 45633

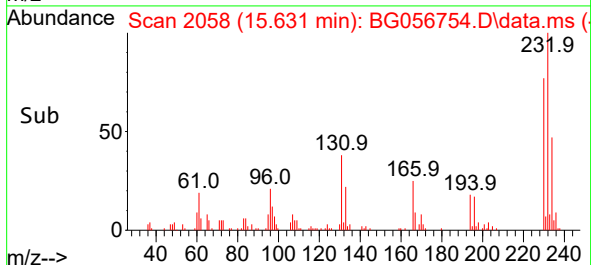
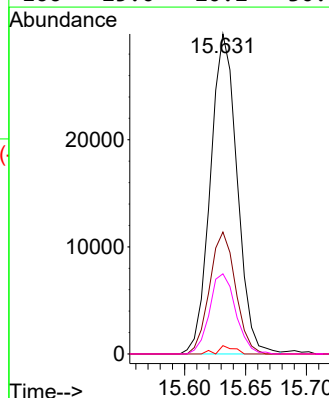
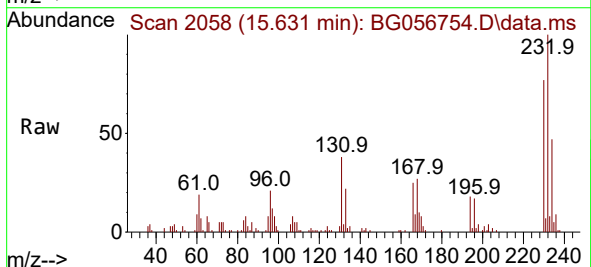
Ion Ratio Lower Upper

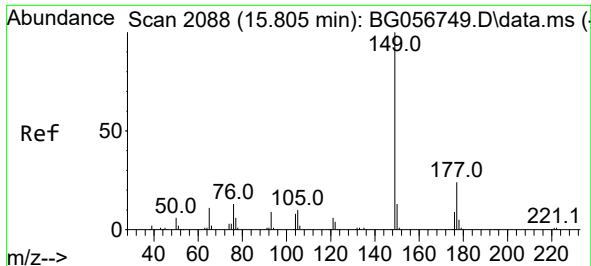
232 100

131 38.1 27.8 41.8

130 2.6 1.8 2.6

166 25.0 20.2 30.4

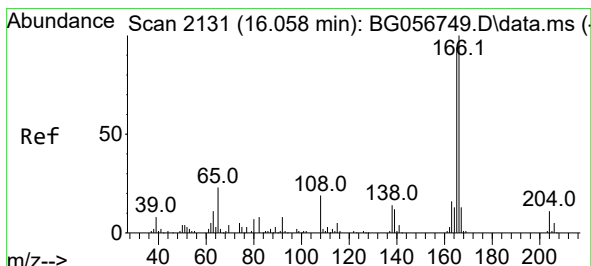
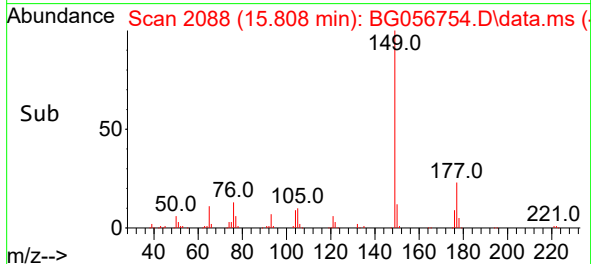
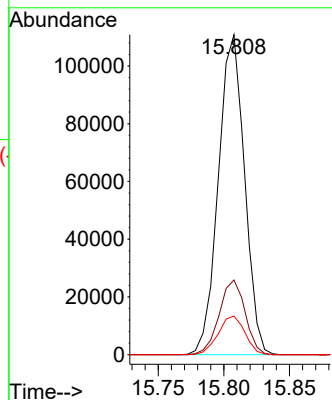
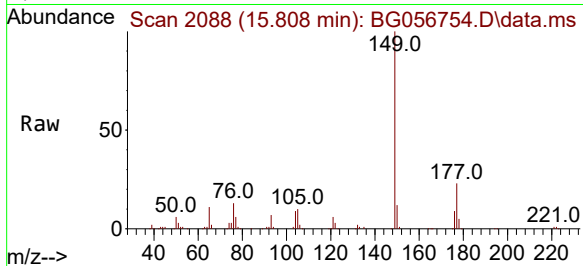




#59
Diethylphthalate
Concen: 34.244 ng/ul
RT: 15.808 min Scan# 2088
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

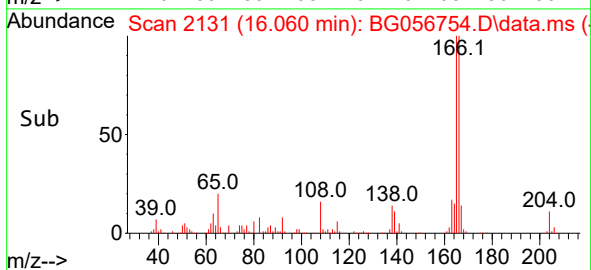
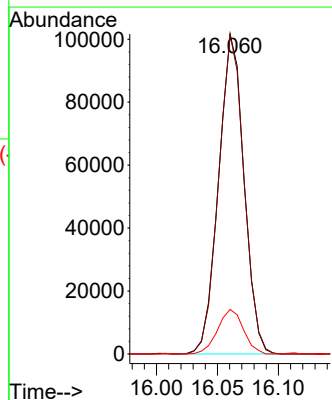
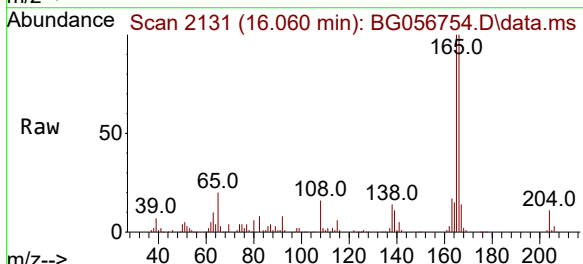
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

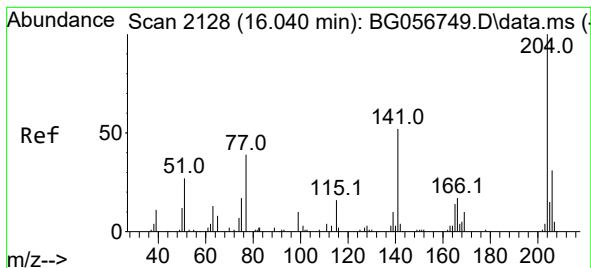
Tgt Ion:149 Resp: 153735
Ion Ratio Lower Upper
149 100
177 23.3 18.6 28.0
150 12.1 10.7 16.1



#61
Fluorene
Concen: 34.852 ng/ul
RT: 16.060 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:166 Resp: 147363
Ion Ratio Lower Upper
166 100
165 99.7 78.4 117.6
167 13.9 10.5 15.7

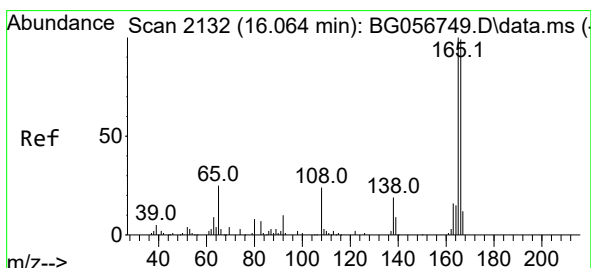
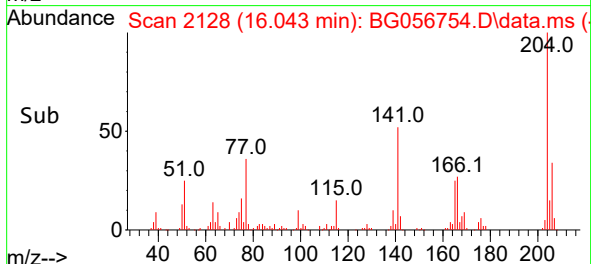
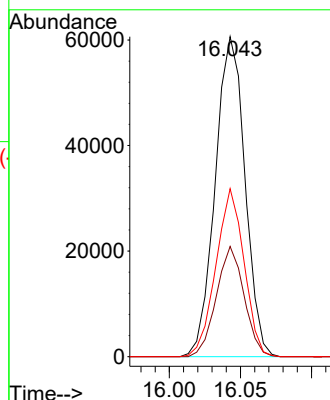
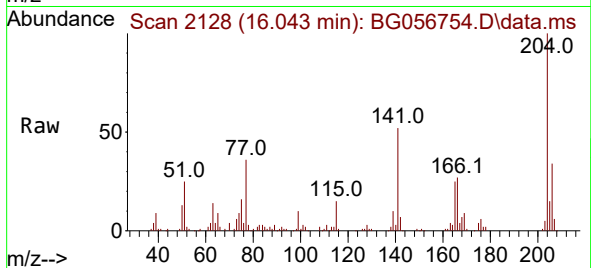




#62
4-Chlorophenyl-phenylether
Concen: 35.216 ng/ul
RT: 16.043 min Scan# 2128
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

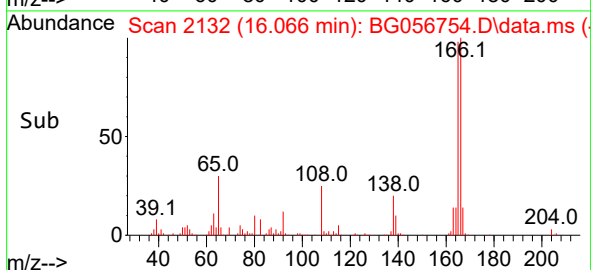
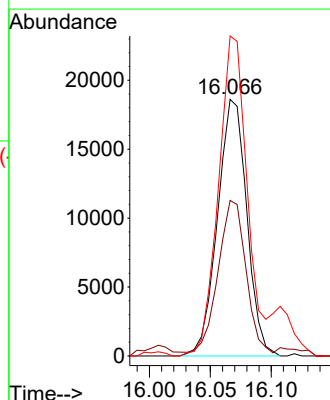
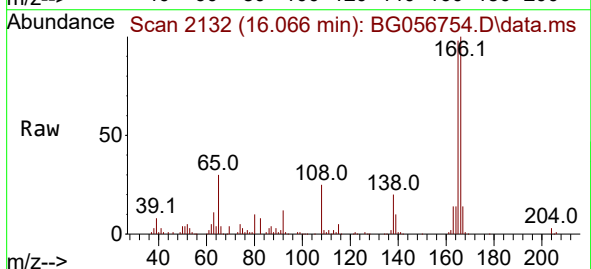
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

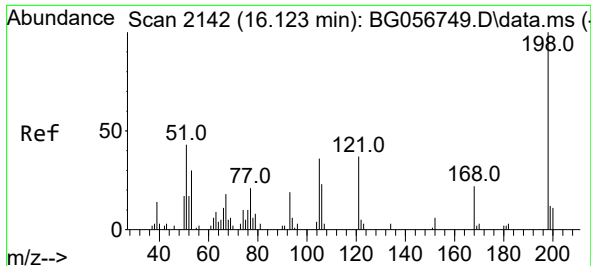
Tgt Ion:204 Resp: 88197
Ion Ratio Lower Upper
204 100
206 34.5 26.1 39.1
141 52.5 39.7 59.5



#63
4-Nitroaniline
Concen: 38.760 ng/ul
RT: 16.066 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:138 Resp: 31161
Ion Ratio Lower Upper
138 100
92 60.6 48.6 73.0
108 124.7 93.0 139.6

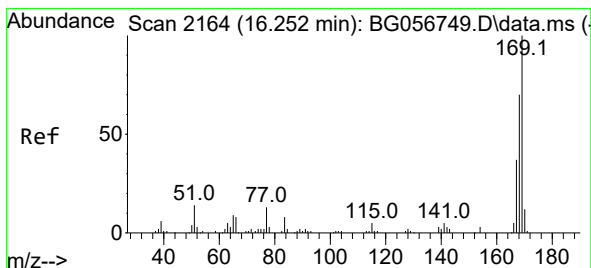
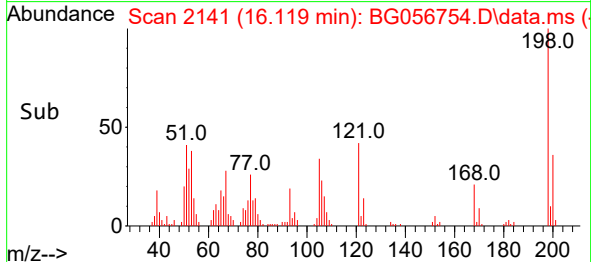
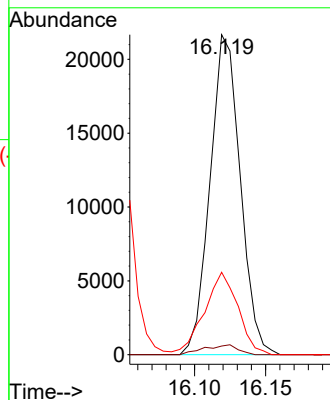
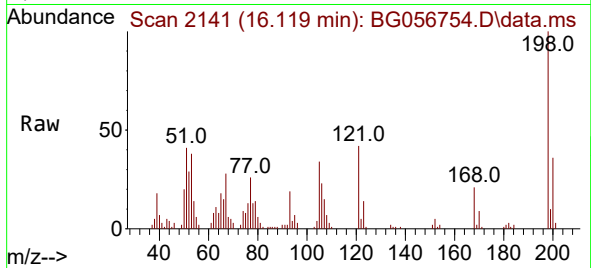




#66
4,6-Dinitro-2-methylphenol
Concen: 36.912 ng/ul
RT: 16.119 min Scan# 2141
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

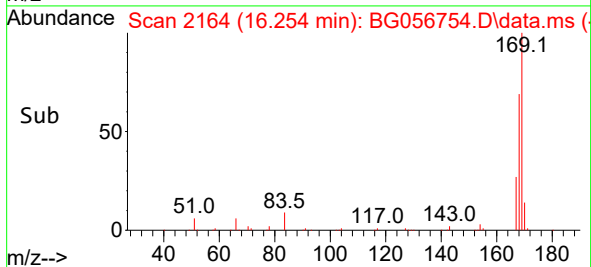
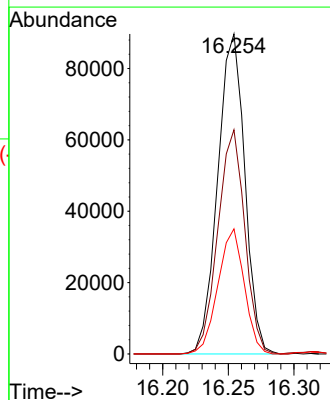
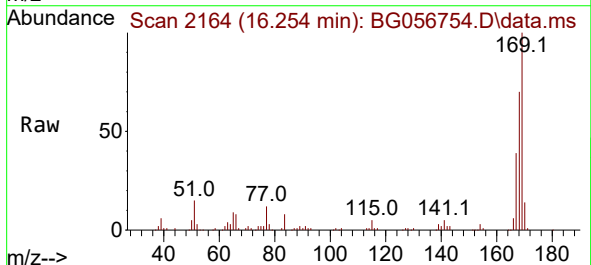
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

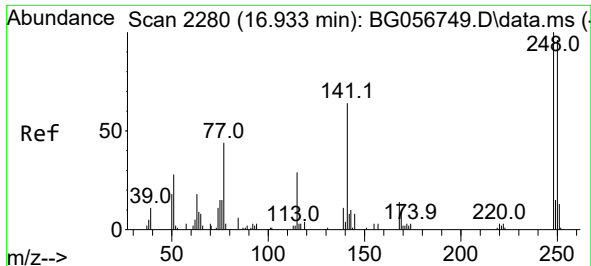
Tgt Ion:198 Resp: 32049
Ion Ratio Lower Upper
198 100
182 2.7 2.4 3.6
77 25.8 21.0 31.6



#67
N-Nitrosodiphenylamine
Concen: 34.368 ng/ul
RT: 16.254 min Scan# 2164
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:169 Resp: 128830
Ion Ratio Lower Upper
169 100
168 70.0 55.1 82.7
167 39.1 28.3 42.5

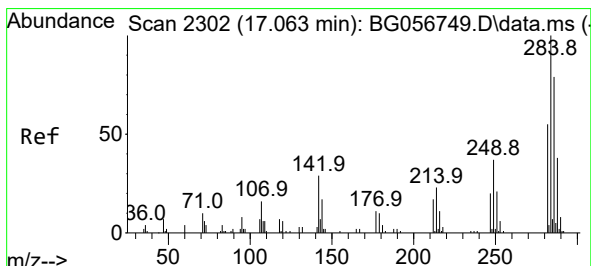
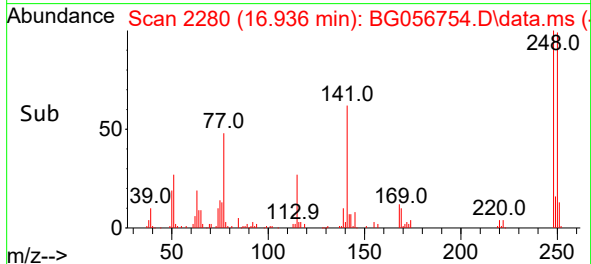
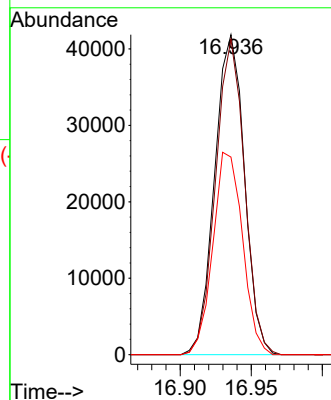
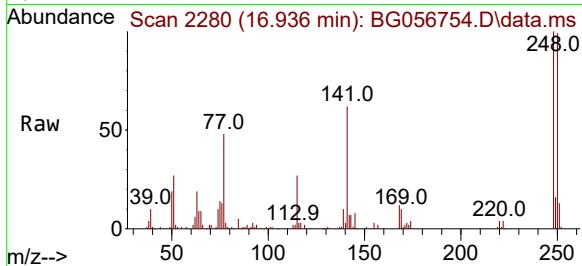




#68
4-Bromophenyl-phenylether
Concen: 35.711 ng/ul
RT: 16.936 min Scan# 210
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

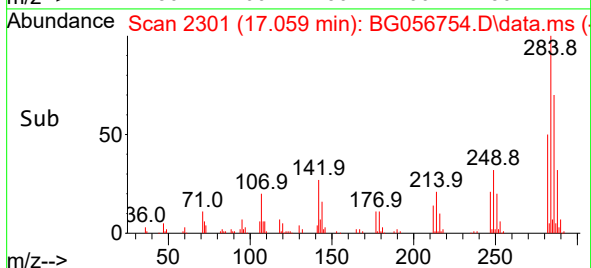
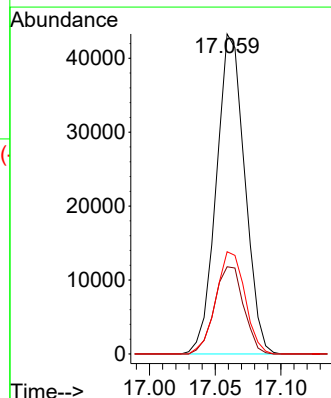
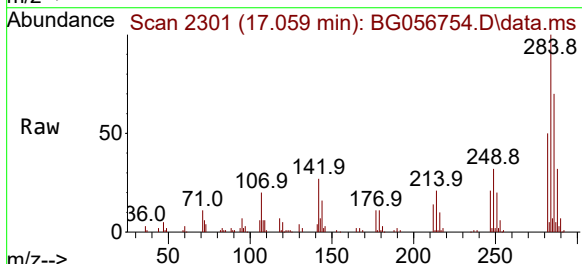
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

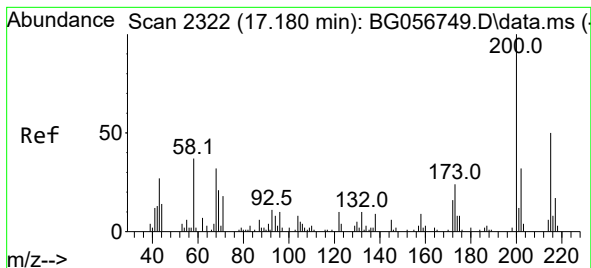
Tgt Ion:248 Resp: 61006
Ion Ratio Lower Upper
248 100
250 98.6 80.4 120.6
141 61.8 47.6 71.4



#69
Hexachlorobenzene
Concen: 35.460 ng/ul
RT: 17.059 min Scan# 2301
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:284 Resp: 65079
Ion Ratio Lower Upper
284 100
142 27.2 21.8 32.6
249 32.0 25.9 38.9





#70

Atrazine

Concen: 29.530 ng/ul

RT: 17.183 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

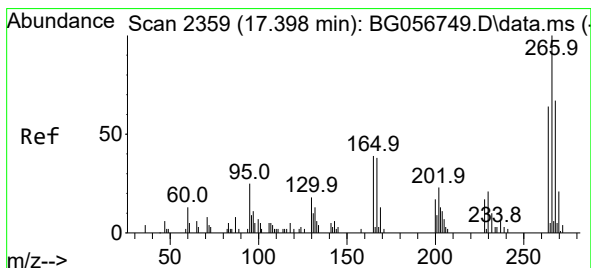
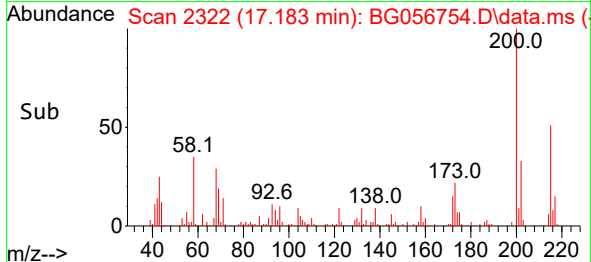
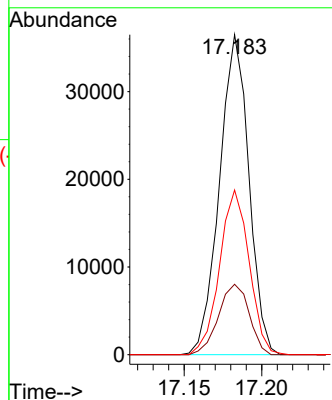
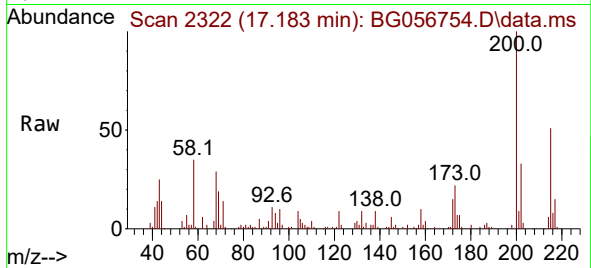
Tgt Ion:200 Resp: 48076

Ion Ratio Lower Upper

200 100

173 22.0 17.4 26.0

215 51.4 41.7 62.5



#71

Pentachlorophenol

Concen: 33.448 ng/ul

RT: 17.400 min Scan# 2359

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

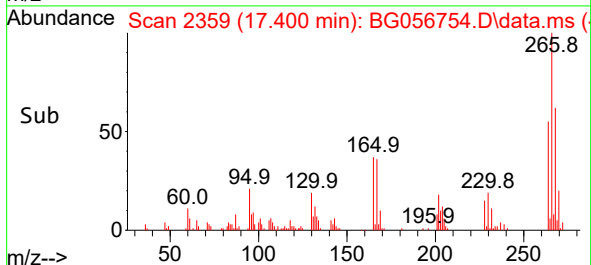
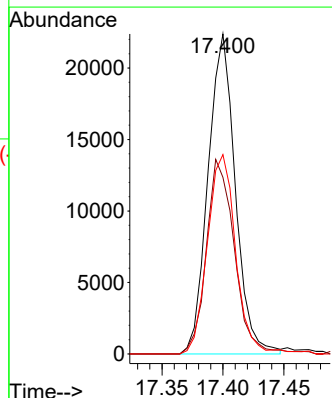
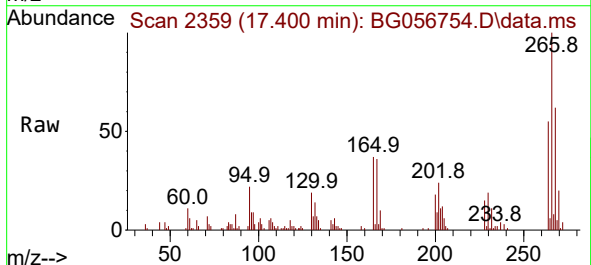
Tgt Ion:266 Resp: 34857

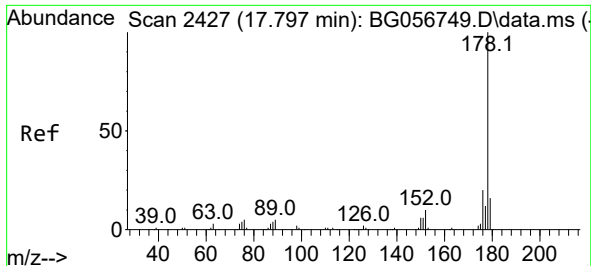
Ion Ratio Lower Upper

266 100

264 55.2 49.9 74.9

268 62.3 54.5 81.7

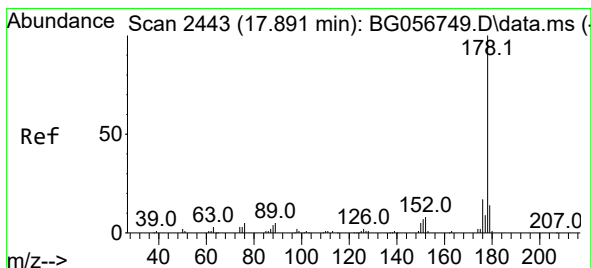
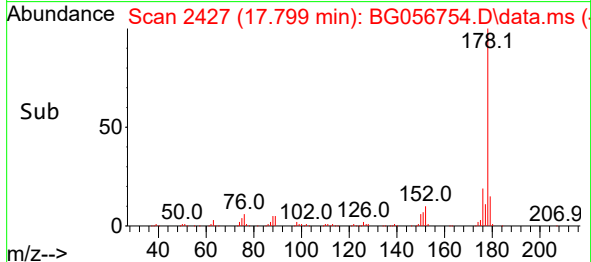
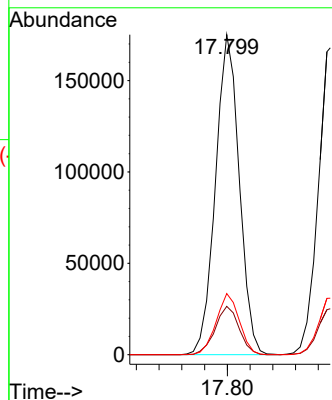
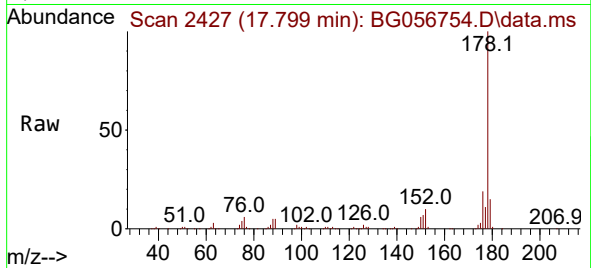




#72
Phenanthrene
Concen: 34.798 ng/ul
RT: 17.799 min Scan# 2427
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

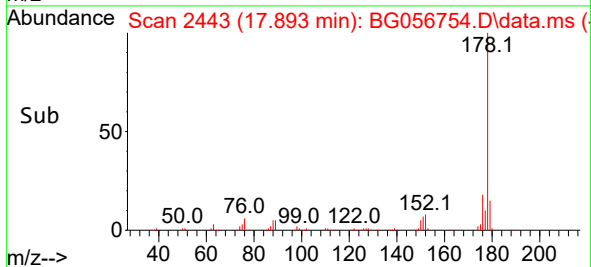
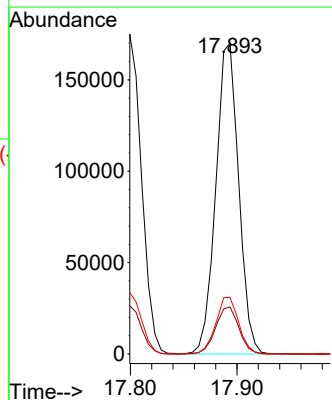
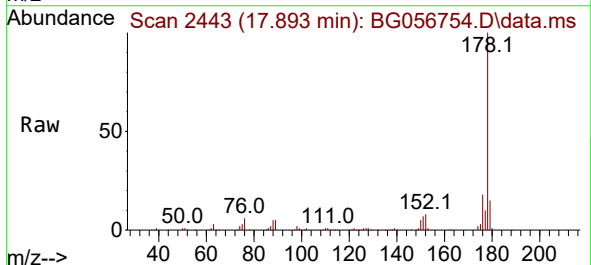
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

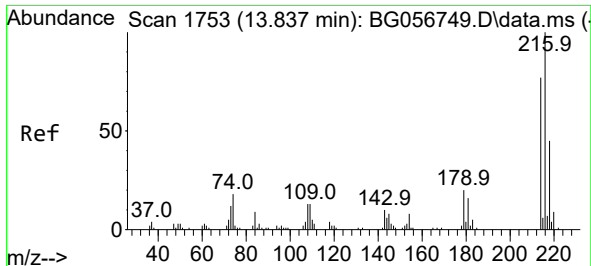
Tgt Ion:178 Resp: 254097
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 19.1 14.4 21.6



#74
Anthracene
Concen: 34.290 ng/ul
RT: 17.893 min Scan# 2443
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:178 Resp: 253032
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.2 14.1 21.1

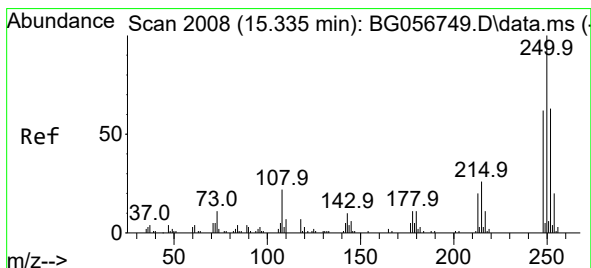
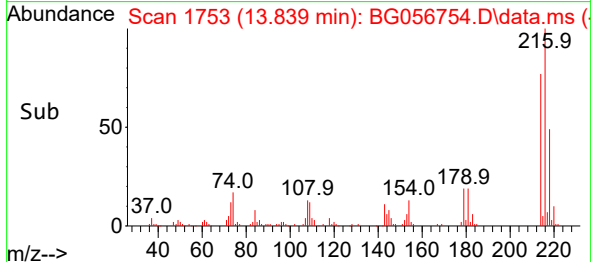
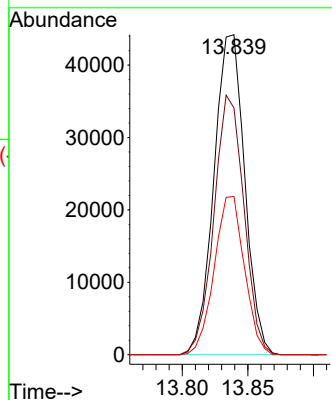
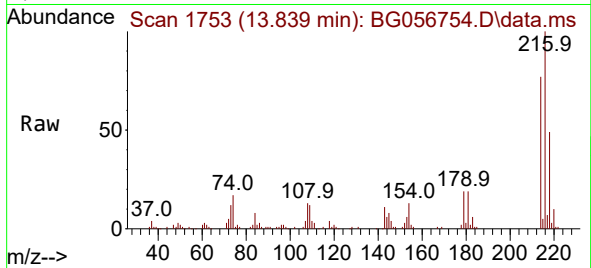




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.064 ng/uL
RT: 13.839 min Scan# 1753
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

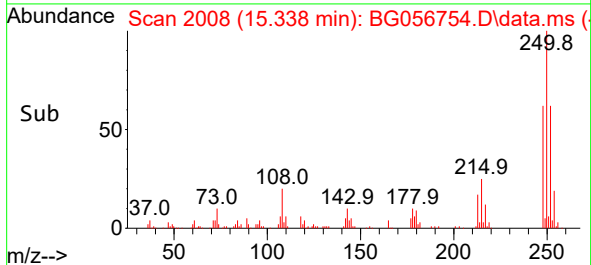
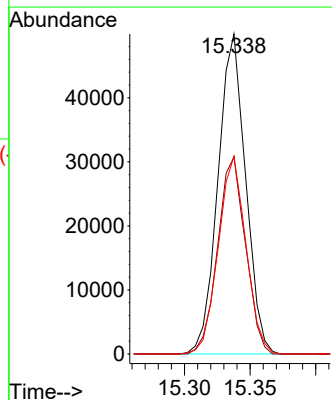
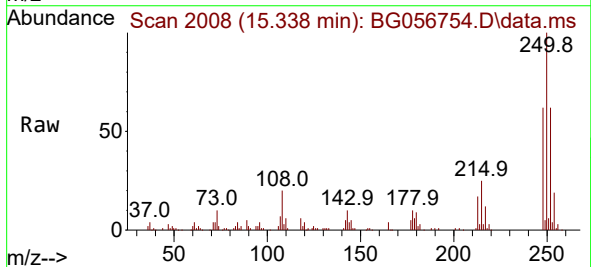
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

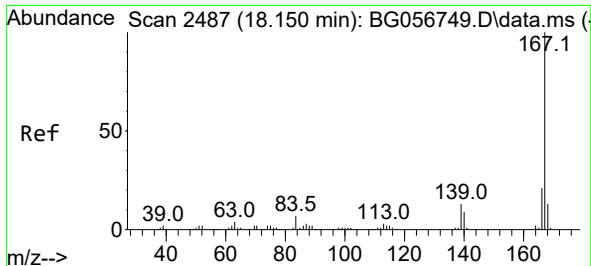
Tgt Ion:216 Resp: 72311
Ion Ratio Lower Upper
216 100
214 77.1 64.2 96.2
218 49.4 36.6 54.8



#76
Pentachlorobenzene
Concen: 34.970 ng/uL
RT: 15.338 min Scan# 2008
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:250 Resp: 73143
Ion Ratio Lower Upper
250 100
248 61.5 47.1 70.7
252 61.8 52.4 78.6

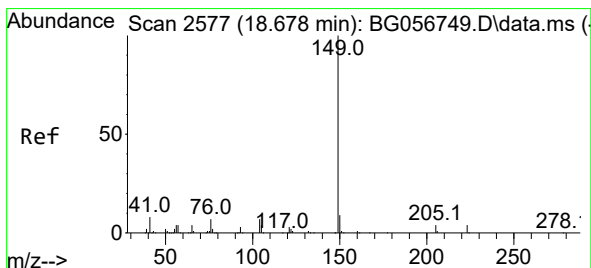
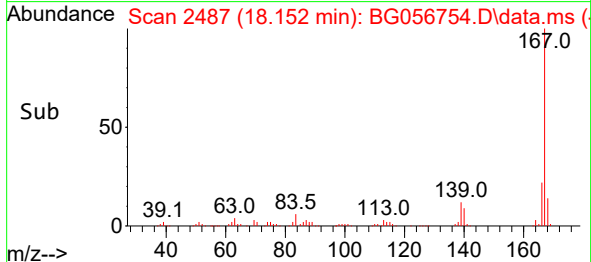
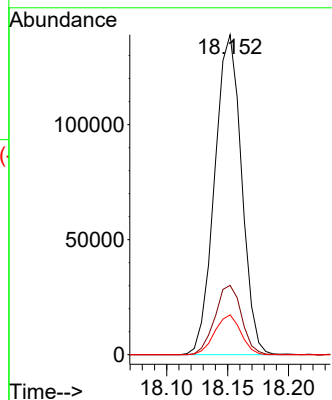
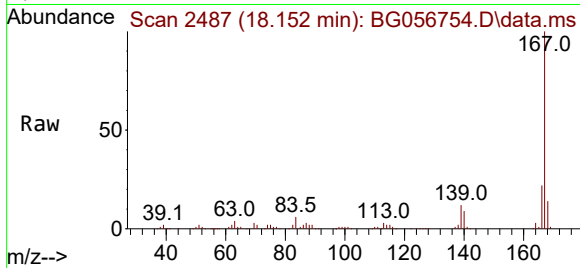




#77
 Carbazole
 Concen: 34.614 ng/ul
 RT: 18.152 min Scan# 2487
 Delta R.T. 0.002 min
 Lab File: BG056754.D
 Acq: 28 Feb 2023 14:17

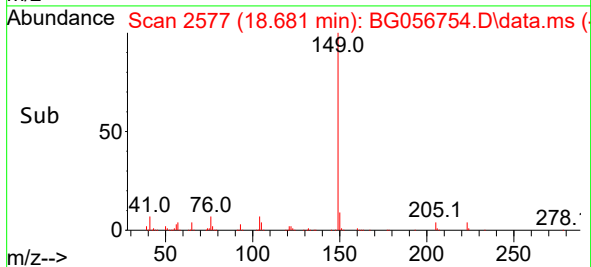
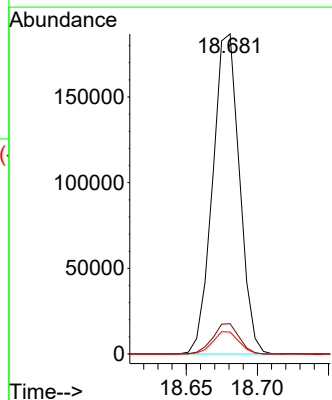
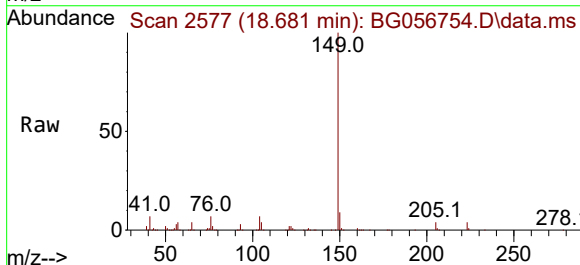
Instrument :
 BNA_G
 ClientSampleId :
 DBZT0MSD

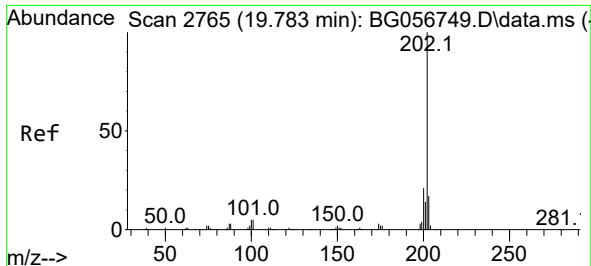
Tgt Ion:167 Resp: 213715
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.2
 139 12.5 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 34.439 ng/ul
 RT: 18.681 min Scan# 2577
 Delta R.T. 0.002 min
 Lab File: BG056754.D
 Acq: 28 Feb 2023 14:17

Tgt Ion:149 Resp: 245068
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 6.9 5.4 8.2

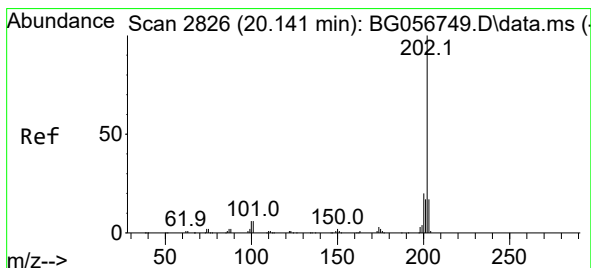
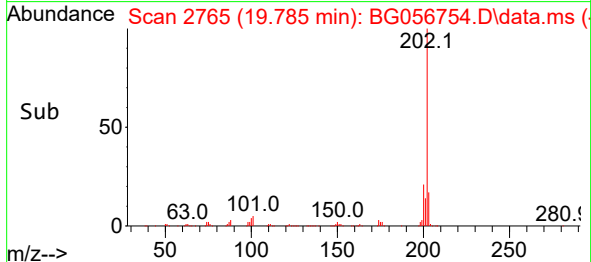
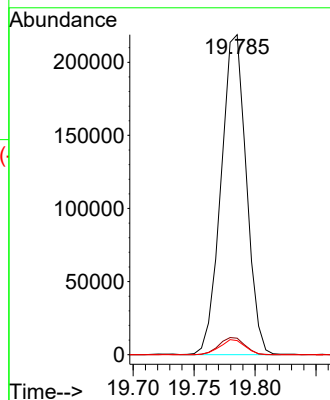
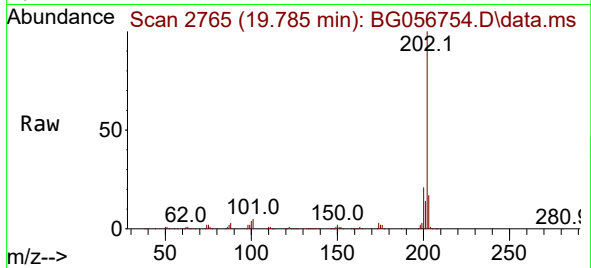




#80
Fluoranthene
Concen: 31.284 ng/ul
RT: 19.785 min Scan# 2765
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

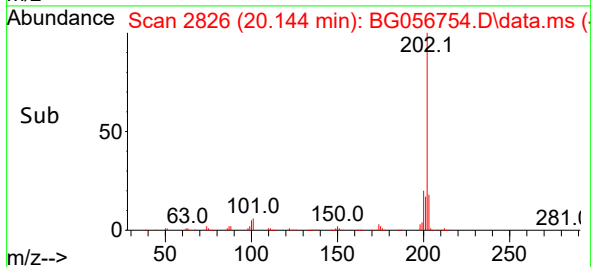
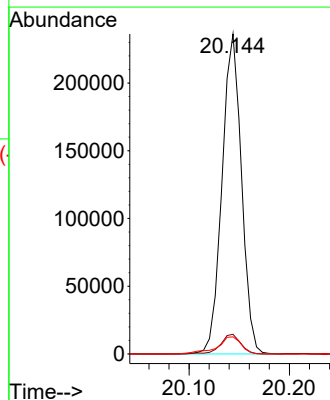
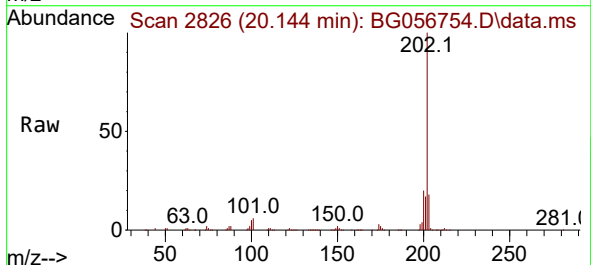
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

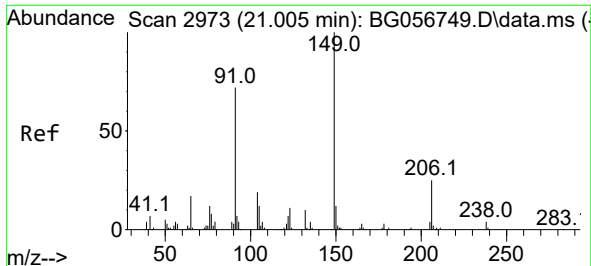
Tgt Ion:202 Resp: 316436
Ion Ratio Lower Upper
202 100
101 5.2 4.7 7.1
100 4.4 4.4 6.6



#82
Pyrene
Concen: 31.891 ng/ul
RT: 20.144 min Scan# 2826
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:202 Resp: 317790
Ion Ratio Lower Upper
202 100
101 6.1 5.3 7.9
100 5.4 4.6 7.0

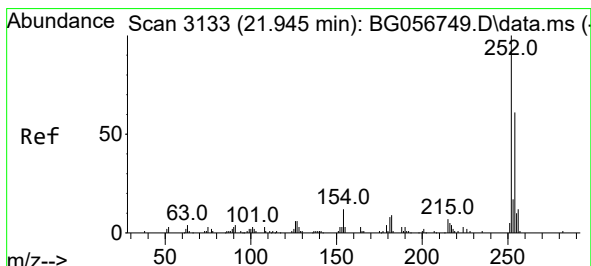
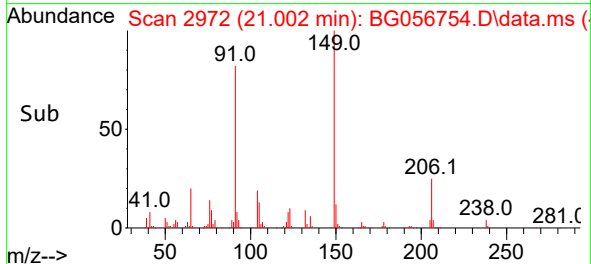
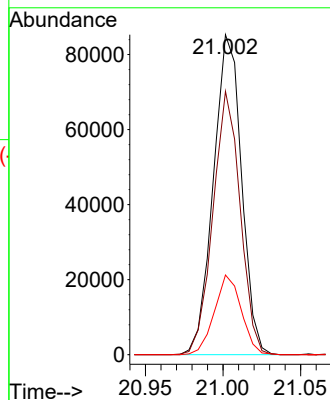
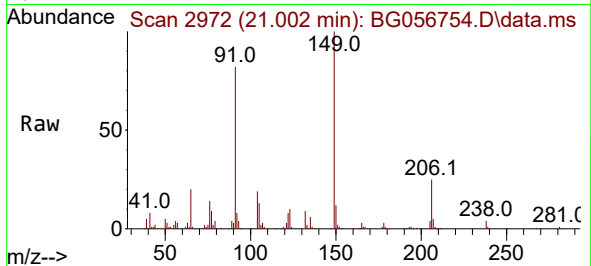




#83
 Butylbenzylphthalate
 Concen: 34.048 ng/ul
 RT: 21.002 min Scan# 2972
 Delta R.T. -0.004 min
 Lab File: BG056754.D
 Acq: 28 Feb 2023 14:17

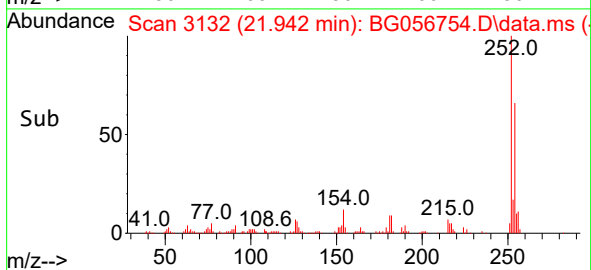
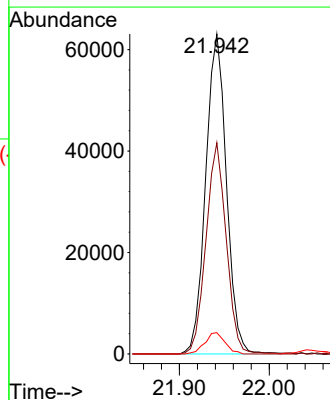
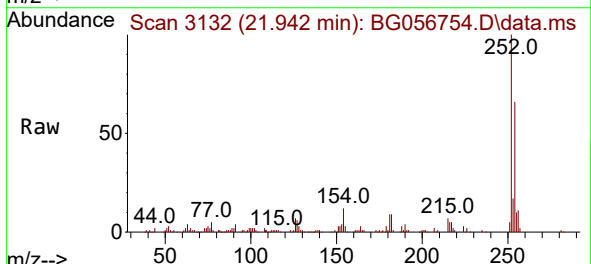
Instrument :
 BNA_G
 ClientSampleId :
 DBZT0MSD

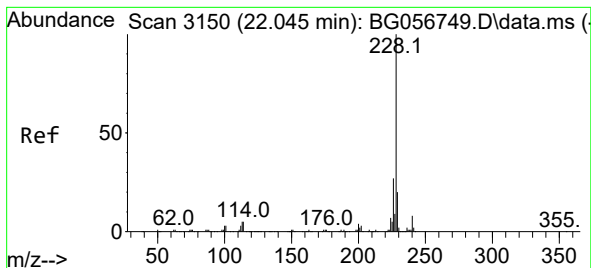
Tgt Ion:149 Resp: 107634
 Ion Ratio Lower Upper
 149 100
 91 82.3 59.3 88.9
 206 24.9 19.7 29.5



#84
 3,3'-Dichlorobenzidine
 Concen: 32.614 ng/ul
 RT: 21.942 min Scan# 3132
 Delta R.T. -0.004 min
 Lab File: BG056754.D
 Acq: 28 Feb 2023 14:17

Tgt Ion:252 Resp: 101089
 Ion Ratio Lower Upper
 252 100
 254 66.0 52.6 78.8
 126 6.6 5.0 7.6





#85

Benzo(a)anthracene

Concen: 35.187 ng/ul

RT: 22.047 min Scan# 3150

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

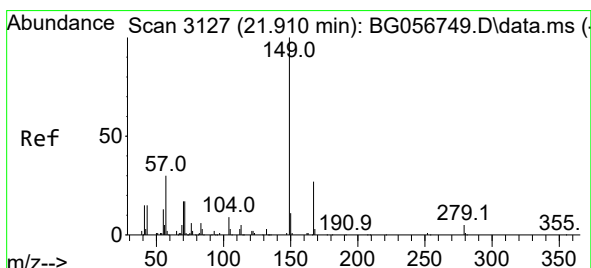
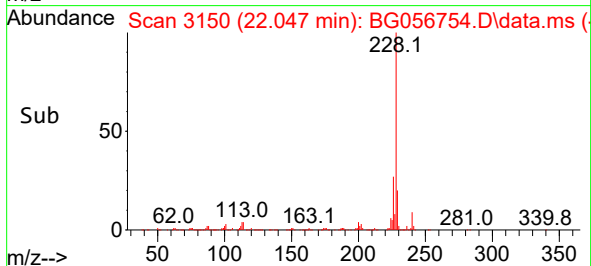
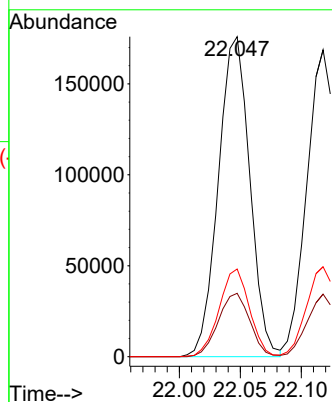
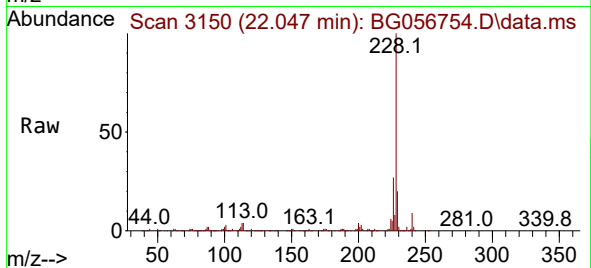
Tgt Ion:228 Resp: 316599

Ion Ratio Lower Upper

228 100

229 19.8 16.2 24.4

226 27.4 20.6 31.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.933 ng/ul

RT: 21.906 min Scan# 3126

Delta R.T. -0.004 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

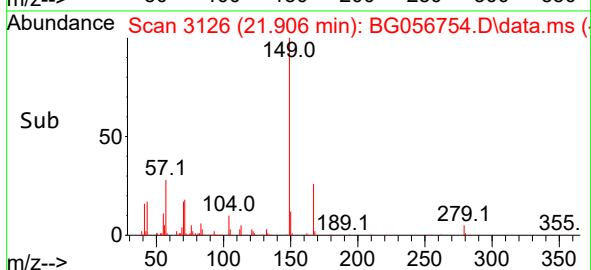
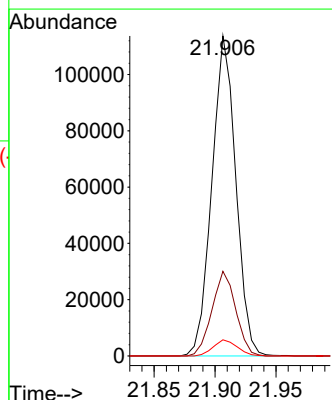
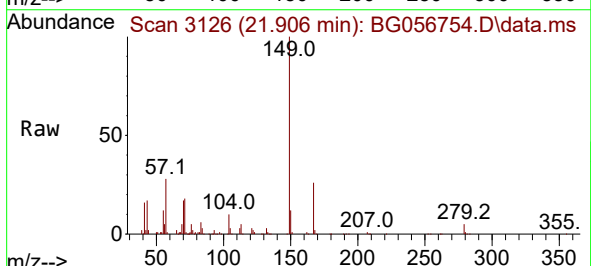
Tgt Ion:149 Resp: 155132

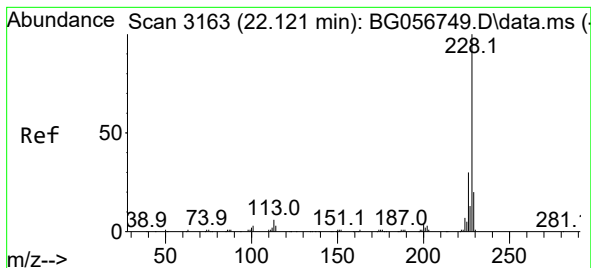
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 5.0 4.2 6.2





#87

Chrysene

Concen: 34.785 ng/ul

RT: 22.118 min Scan# 3162

Delta R.T. -0.004 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

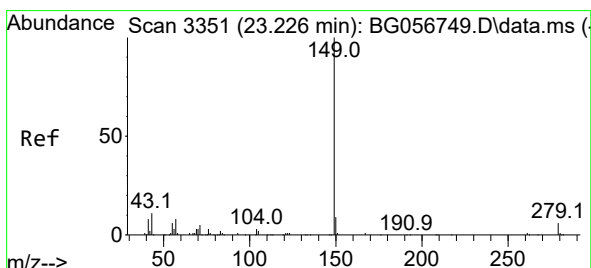
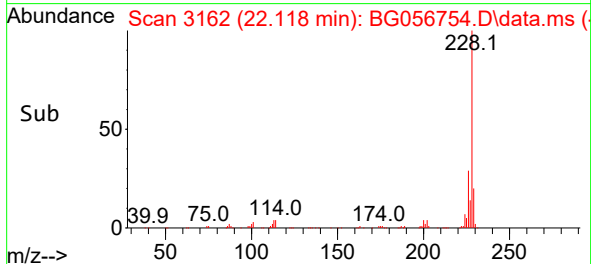
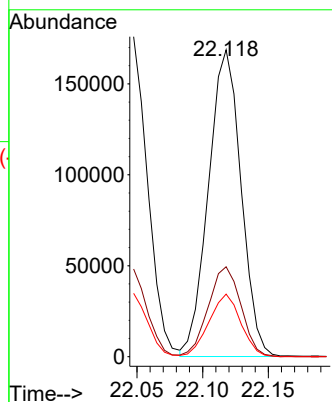
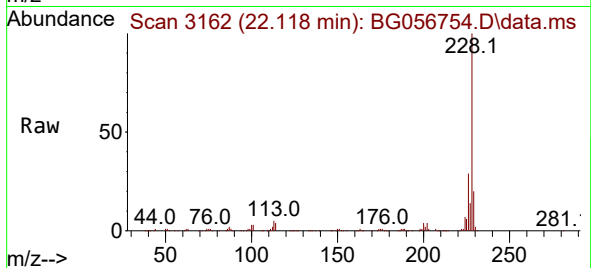
Tgt Ion:228 Resp: 291502

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

229 20.4 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 35.774 ng/ul

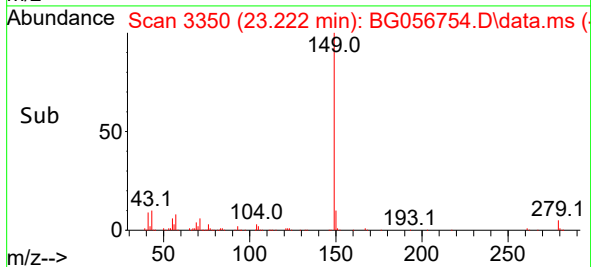
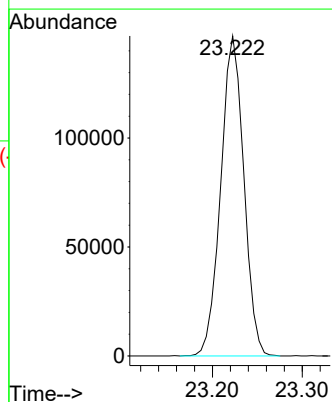
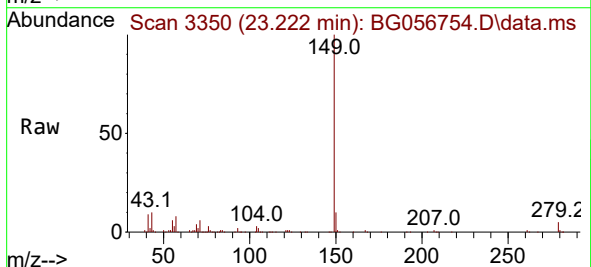
RT: 23.222 min Scan# 3350

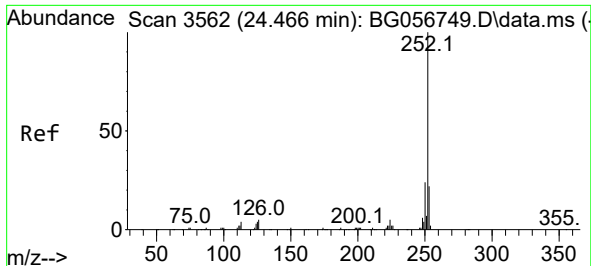
Delta R.T. -0.004 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Tgt Ion:149 Resp: 262037

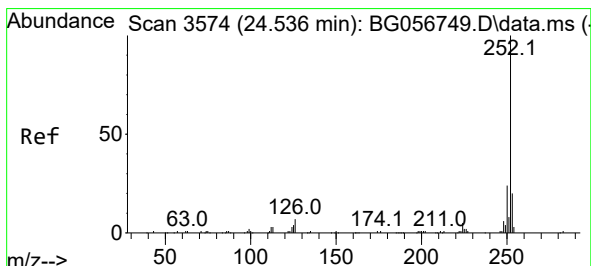
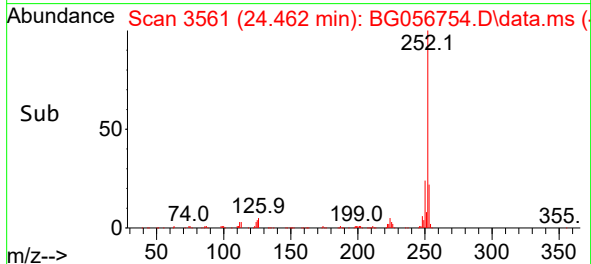
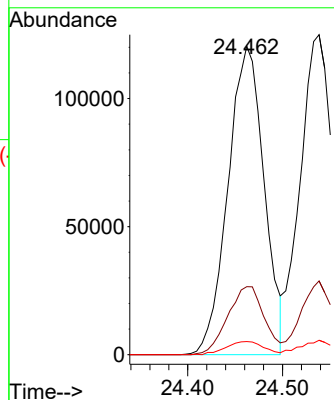
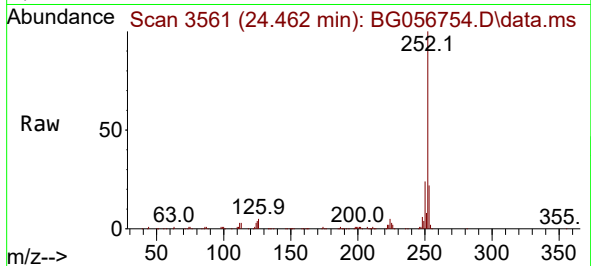




#90
Benzo(b)fluoranthene
Concen: 35.380 ng/ul
RT: 24.462 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

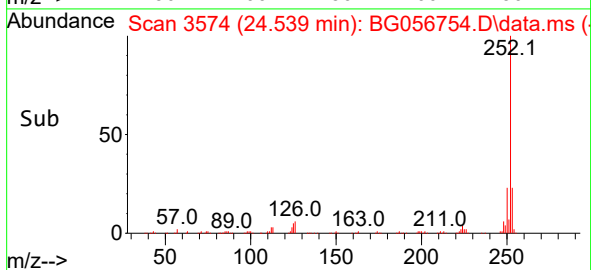
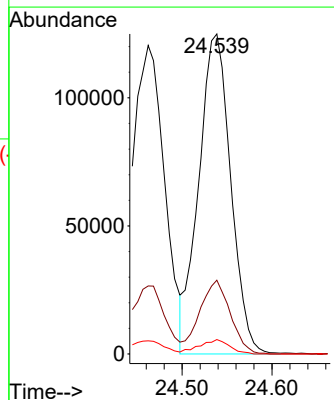
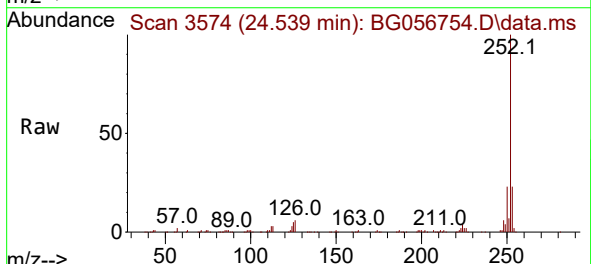
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

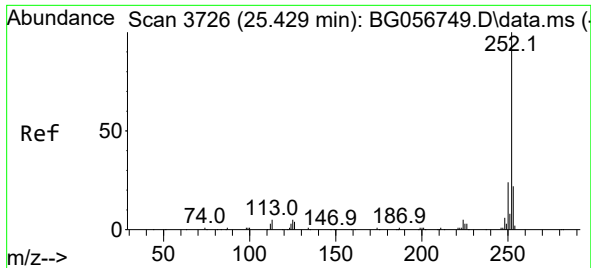
Tgt Ion:252 Resp: 319110
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.3 3.0 4.6



#91
Benzo(k)fluoranthene
Concen: 35.195 ng/ul
RT: 24.539 min Scan# 3574
Delta R.T. 0.002 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:252 Resp: 309202
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 4.5 3.4 5.2

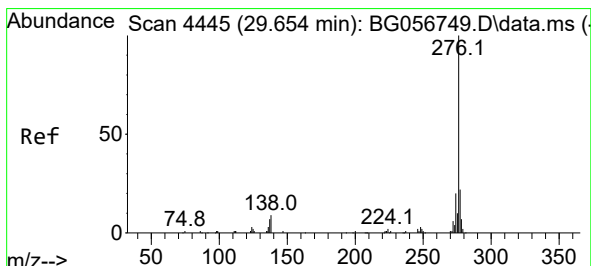
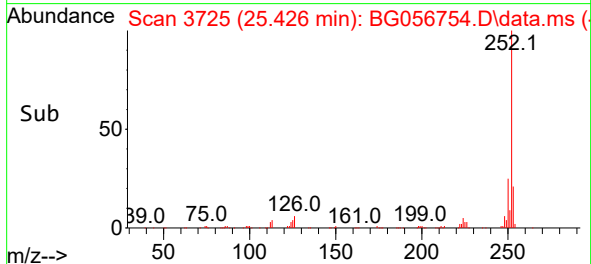
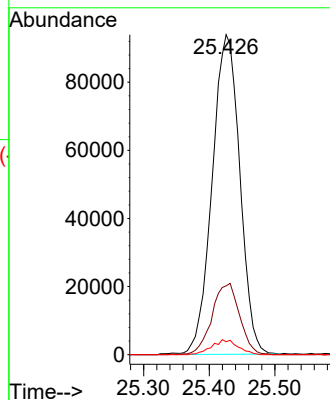
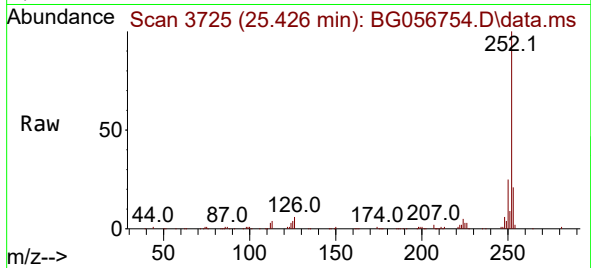




#93
Benzo(a)pyrene
Concen: 34.600 ng/ul
RT: 25.426 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

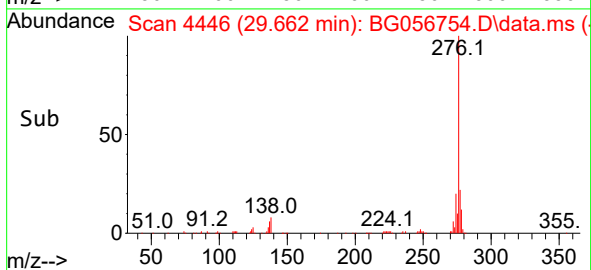
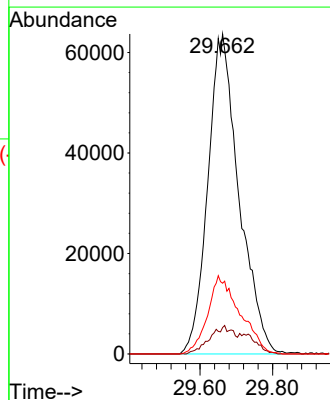
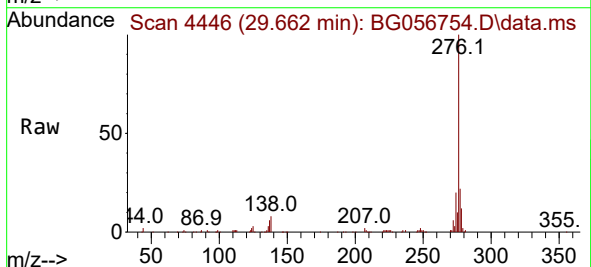
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

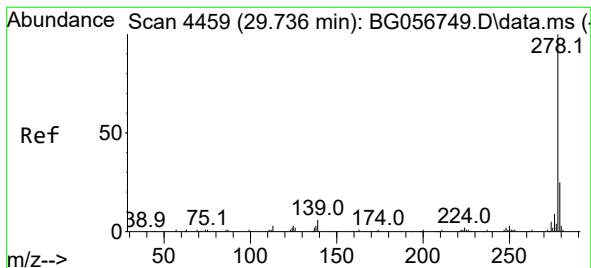
Tgt Ion:252 Resp: 274320
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 4.0 3.6 5.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 35.254 ng/ul
RT: 29.662 min Scan# 4446
Delta R.T. 0.008 min
Lab File: BG056754.D
Acq: 28 Feb 2023 14:17

Tgt Ion:276 Resp: 379689
Ion Ratio Lower Upper
276 100
138 8.3 5.7 8.5
277 22.1 18.1 27.1





#95

Dibenzo(a,h)anthracene

Concen: 34.282 ng/ul

RT: 29.727 min Scan# 4457

Delta R.T. -0.009 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Instrument :

BNA_G

ClientSampleId :

DBZT0MSD

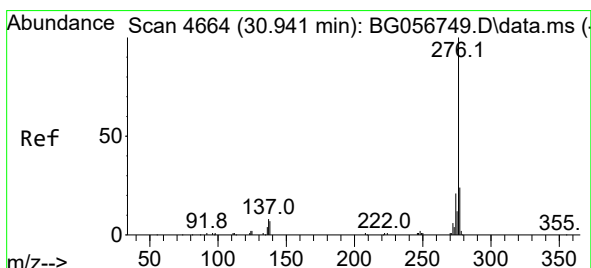
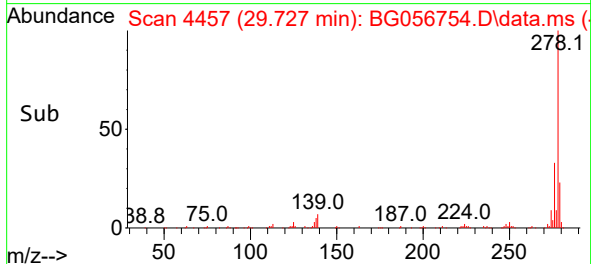
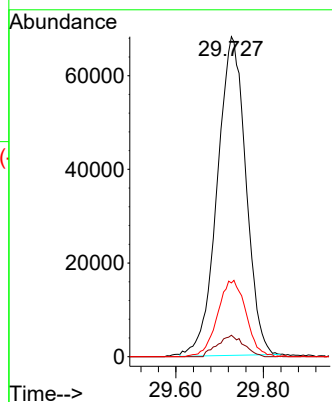
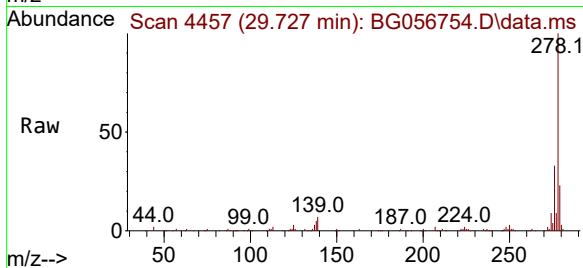
Tgt Ion:278 Resp: 308719

Ion Ratio Lower Upper

278 100

139 6.7 4.3 6.5#

279 23.0 21.7 32.5



#96

Benzo(g,h,i)perylene

Concen: 35.459 ng/ul

RT: 30.943 min Scan# 4664

Delta R.T. 0.002 min

Lab File: BG056754.D

Acq: 28 Feb 2023 14:17

Tgt Ion:276 Resp: 305059

Ion Ratio Lower Upper

276 100

138 7.8 6.5 9.7

277 22.2 20.7 31.1

