

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058757.D
 Acq On : 17 Aug 2023 11:13
 Operator : MA/JU
 Sample : PB154866BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154866BS

Quant Time: Aug 18 01:50:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	23013	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	100803	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	75199	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	189457	20.000	ng	0.00
76) Chrysene-d12	21.452	240	161284	20.000	ng	0.00
86) Perylene-d12	24.519	264	202390	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	221997	147.444	ng	0.00
7) Phenol-d6	6.987	99	304330	145.260	ng	0.00
23) Nitrobenzene-d5	8.979	82	188900	92.058	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	161374	130.925	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	445110	88.703	ng	0.00
79) Terphenyl-d14	19.825	244	833132	97.141	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.262	88	26136	35.823	ng	# 87
3) Pyridine	3.655	79	68216	34.295	ng	# 81
4) n-Nitrosodimethylamine	3.579	42	44299	52.562	ng	# 76
6) Aniline	7.134	93	96699	37.488	ng	95
8) 2-Chlorophenol	7.375	128	83379	56.449	ng	97
9) Benzaldehyde	6.946	77	38110	33.481	ng	96
10) Phenol	7.010	94	114622	56.007	ng	92
11) bis(2-Chloroethyl)ether	7.234	93	76872	47.645	ng	91
12) 1,3-Dichlorobenzene	7.698	146	80991	51.350	ng	97
13) 1,4-Dichlorobenzene	7.845	146	82936	52.369	ng	99
14) 1,2-Dichlorobenzene	8.162	146	80194	52.964	ng	99
15) Benzyl Alcohol	8.050	79	82578	62.152	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.338	45	162031	61.824	ng	94
17) 2-Methylphenol	8.256	107	78520	52.473	ng	98
18) Hexachloroethane	8.885	117	30349	52.724	ng	93
19) n-Nitroso-di-n-propyla...	8.614	70	66892	49.430	ng	89
20) 3+4-Methylphenols	8.591	107	105824	52.282	ng	98
22) Acetophenone	8.632	105	130386	48.307	ng	# 94
24) Nitrobenzene	9.020	77	100521	48.186	ng	94
25) Isophorone	9.537	82	194003	45.758	ng	99
26) 2-Nitrophenol	9.731	139	44705	49.231	ng	98
27) 2,4-Dimethylphenol	9.789	122	75802	50.325	ng	97
28) bis(2-Chloroethoxy)met...	10.018	93	109619	47.510	ng	99
29) 2,4-Dichlorophenol	10.265	162	84263	53.879	ng	97
30) 1,2,4-Trichlorobenzene	10.477	180	90185	50.003	ng	95
31) Naphthalene	10.659	128	250169	47.087	ng	98
32) Benzoic acid	9.960	122	39954	36.006	ng	94
33) 4-Chloroaniline	10.776	127	72016	32.082	ng	99
34) Hexachlorobutadiene	10.941	225	57641	49.626	ng	98
35) Caprolactam	11.558	113	21458	37.156	ng	# 74
36) 4-Chloro-3-methylphenol	11.910	107	102958	53.219	ng	97
37) 2-Methylnaphthalene	12.275	142	178747	47.034	ng	96
38) 1-Methylnaphthalene	12.498	142	171371	47.437	ng	98
40) 1,2,4,5-Tetrachloroben...	12.651	216	106421	46.096	ng	99
41) Hexachlorocyclopentadiene	12.621	237	92059	85.352	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	76184	47.976	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	84524	45.191	ng	95
46) 1,1'-Biphenyl	13.291	154	241833	46.828	ng	98
47) 2-Chloronaphthalene	13.332	162	196218	48.730	ng	99
48) 2-Nitroaniline	13.544	65	78355	50.981	ng	96
49) Acenaphthylene	14.184	152	326328	48.406	ng	99
50) Dimethylphthalate	13.920	163	273036	48.345	ng	100
51) 2,6-Dinitrotoluene	14.043	165	61247	49.425	ng	96
52) Acenaphthene	14.525	154	185672	47.665	ng	99
53) 3-Nitroaniline	14.372	138	43856	35.373	ng	95
54) 2,4-Dinitrophenol	14.595	184	62529	88.622	ng	93
55) Dibenzofuran	14.860	168	317953	47.502	ng	96
56) 4-Nitrophenol	14.695	139	85964	93.008	ng	87
57) 2,4-Dinitrotoluene	14.836	165	89103	51.865	ng	94
58) Fluorene	15.506	166	260573	49.004	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	77166	48.349	ng	98
60) Diethylphthalate	15.277	149	287288	49.932	ng	100
61) 4-Chlorophenyl-phenyle...	15.500	204	141604	47.767	ng	97
62) 4-Nitroaniline	15.541	138	61321	52.212	ng	87
63) Azobenzene	15.794	77	266880	47.093	ng	96
65) 4,6-Dinitro-2-methylph...	15.606	198	51380	49.184	ng	97
66) n-Nitrosodiphenylamine	15.718	169	233488	47.351	ng	97
67) 4-Bromophenyl-phenylether	16.393	248	98134	45.668	ng	97
68) Hexachlorobenzene	16.511	284	110715	48.622	ng	98
69) Atrazine	16.670	200	97569	58.614	ng	97
70) Pentachlorophenol	16.863	266	98367	71.371	ng	98
71) Phenanthrene	17.251	178	429736	47.829	ng	99
72) Anthracene	17.339	178	440431	47.773	ng	99
73) Carbazole	17.615	167	401916	49.438	ng	99
74) Di-n-butylphthalate	18.162	149	500726	49.173	ng	99
75) Fluoranthene	19.266	202	522280	48.392	ng	96
77) Benzidine	19.449	184	199137	81.423	ng	97
78) Pyrene	19.625	202	538986	49.105	ng	98
80) Butylbenzylphthalate	20.512	149	222251	49.295	ng	98
81) Benzo(a)anthracene	21.429	228	540914	48.734	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	167383	44.602	ng	99
83) Chrysene	21.493	228	502297	47.199	ng	99
84) Bis(2-ethylhexyl)phtha...	21.335	149	324097	49.191	ng	99
85) Di-n-octyl phthalate	22.480	149	570955	49.290	ng	97
87) Indeno(1,2,3-cd)pyrene	28.027	276	668379	49.641	ng	98
88) Benzo(b)fluoranthene	23.550	252	567562	51.704	ng	99
89) Benzo(k)fluoranthene	23.614	252	550778	49.945	ng	99
90) Benzo(a)pyrene	24.378	252	506525	46.986	ng	99
91) Dibenzo(a,h)anthracene	28.080	278	553931	49.755	ng	98
92) Benzo(g,h,i)perylene	29.120	276	528459	47.337	ng	99

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

BNA G

ClientSampleId :
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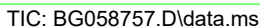
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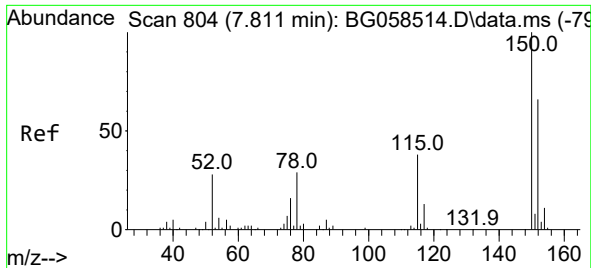
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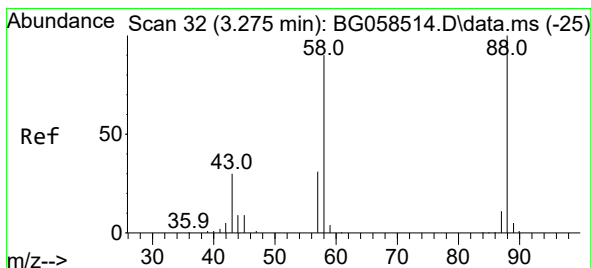
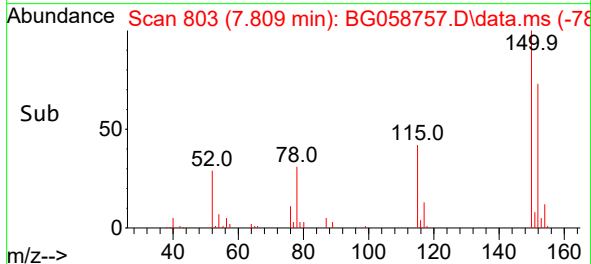
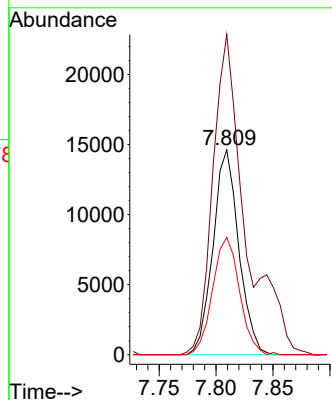
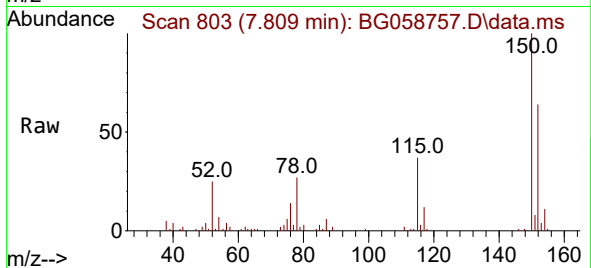




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.809 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

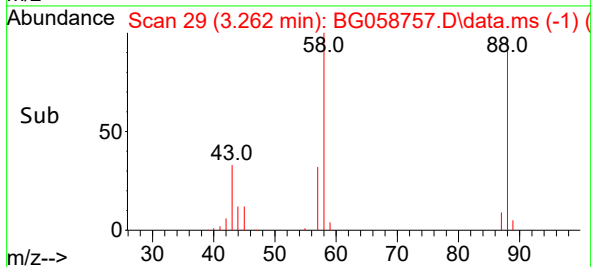
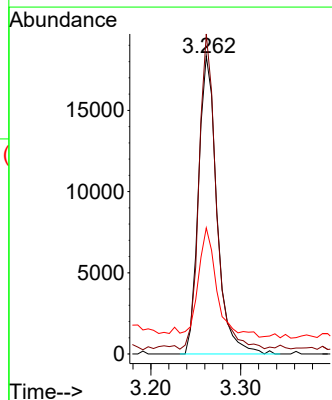
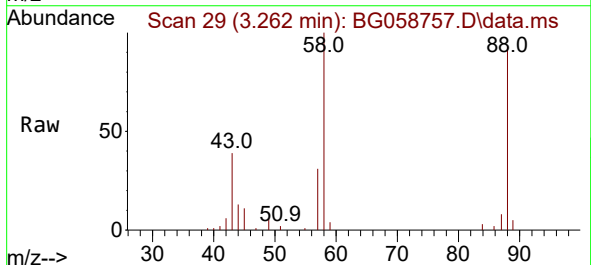
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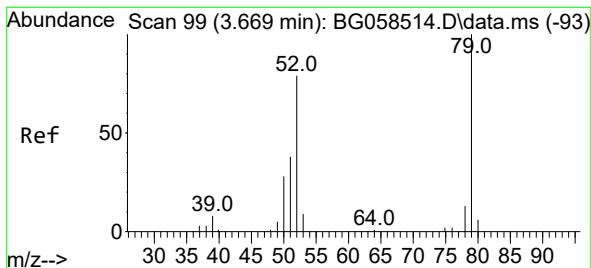
Tgt Ion:152 Resp: 23013
 Ion Ratio Lower Upper
 152 100
 150 156.2 120.5 180.7
 115 57.2 45.9 68.9



#2
 1,4-Dioxane
 Concen: 35.823 ng
 RT: 3.262 min Scan# 29
 Delta R.T. -0.014 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

Tgt Ion: 88 Resp: 26136
 Ion Ratio Lower Upper
 88 100
 58 98.0 68.9 103.3
 43 35.7 22.9 34.3#





#3

Pyridine

Concen: 34.295 ng

RT: 3.655 min Scan# 90

Delta R.T. -0.014 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

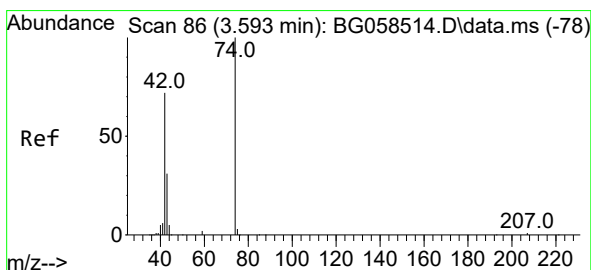
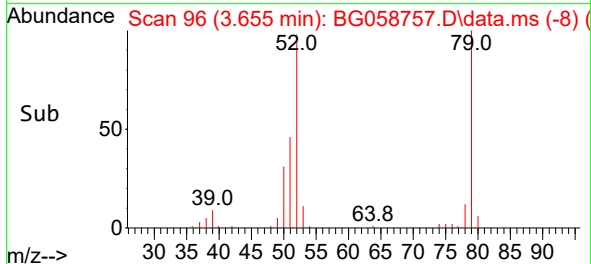
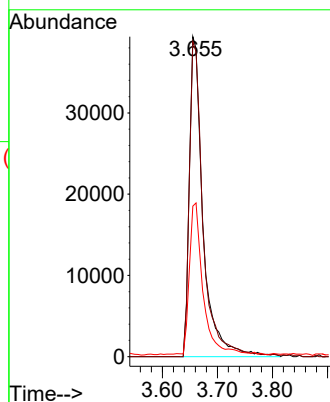
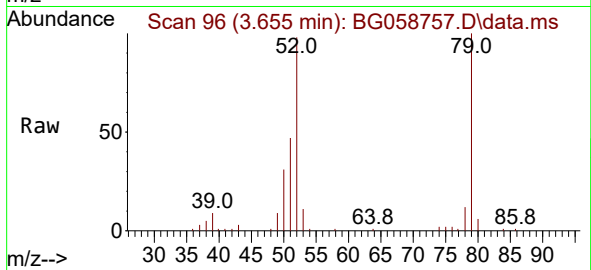
Tgt Ion: 79 Resp: 68216

Ion Ratio Lower Upper

79 100

52 98.4 63.2 94.8#

51 47.1 31.9 47.9



#4

n-Nitrosodimethylamine

Concen: 52.562 ng

RT: 3.579 min Scan# 83

Delta R.T. -0.014 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

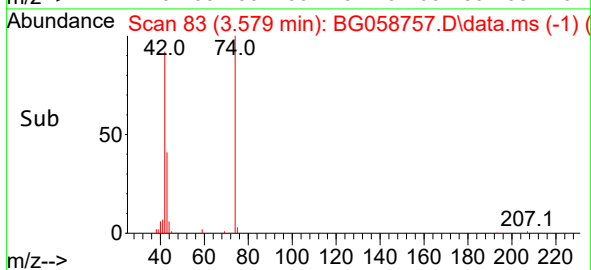
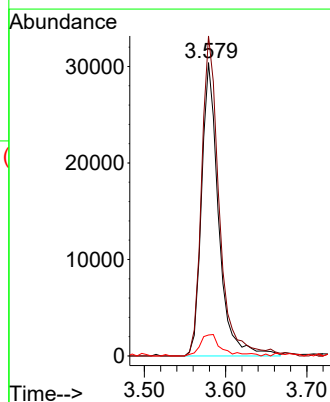
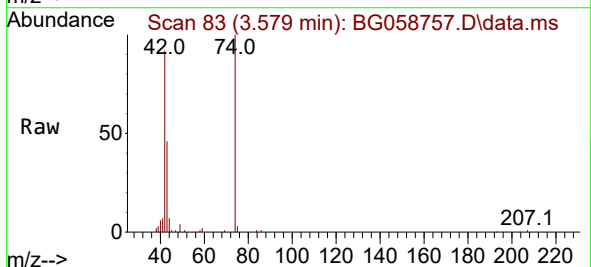
Tgt Ion: 42 Resp: 44299

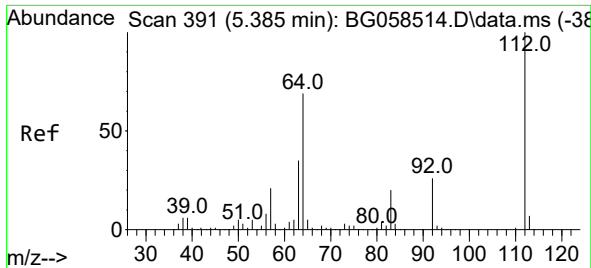
Ion Ratio Lower Upper

42 100

74 109.1 111.5 167.3#

44 7.2 5.4 8.2

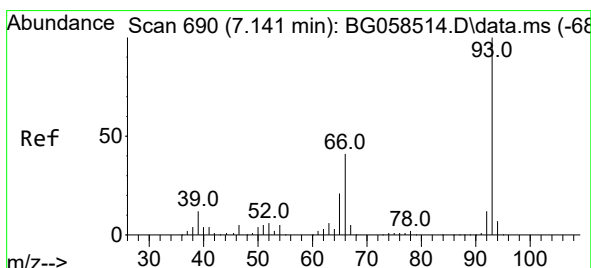
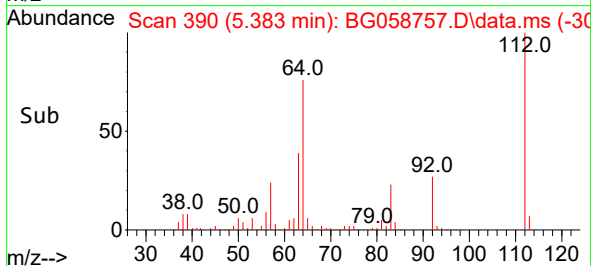
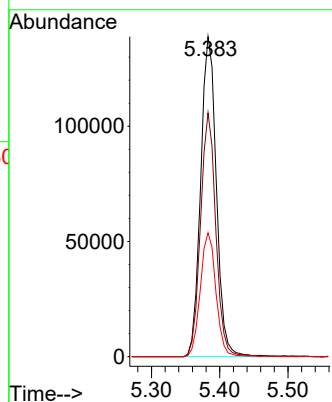
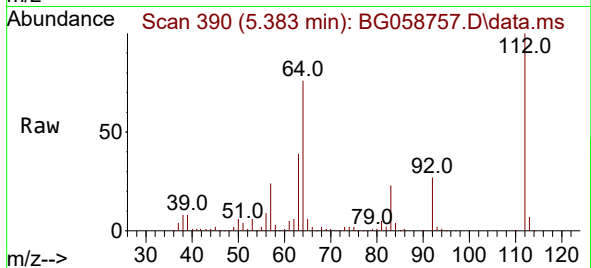




#5
2-Fluorophenol
Concen: 147.444 ng
RT: 5.383 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

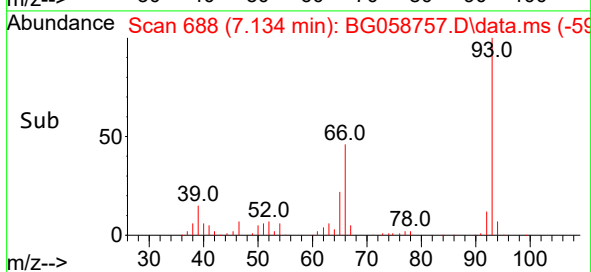
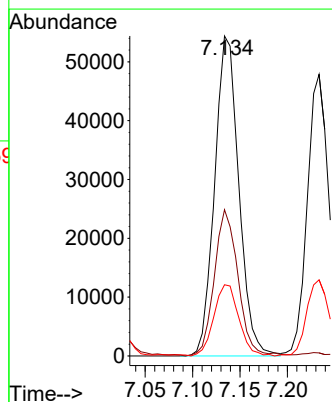
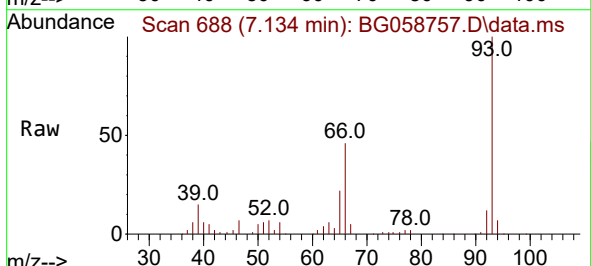
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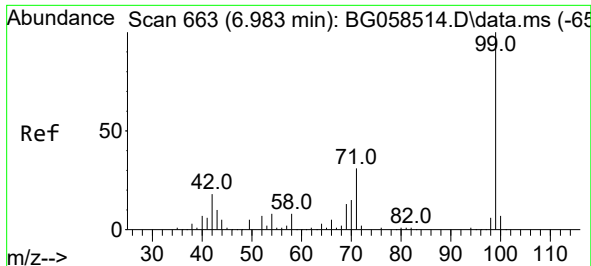
Tgt Ion:112 Resp: 221997
Ion Ratio Lower Upper
112 100
64 76.2 55.3 82.9
63 38.7 28.3 42.5



#6
Aniline
Concen: 37.488 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion: 93 Resp: 96699
Ion Ratio Lower Upper
93 100
66 45.7 33.1 49.7
65 22.2 17.0 25.4

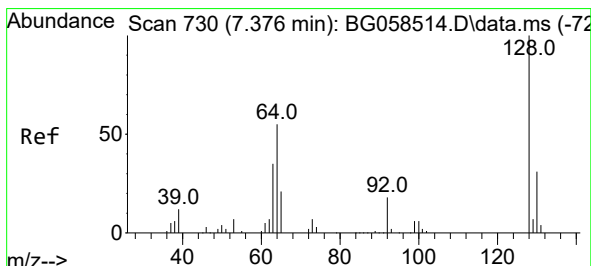
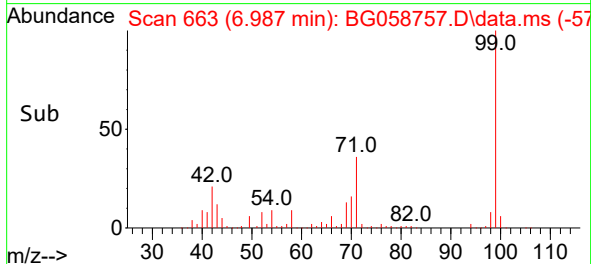
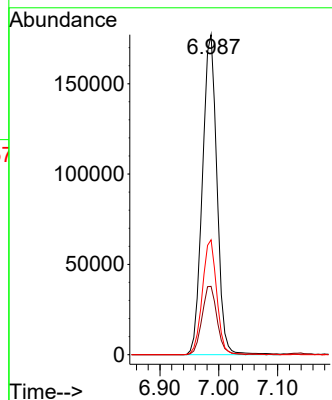
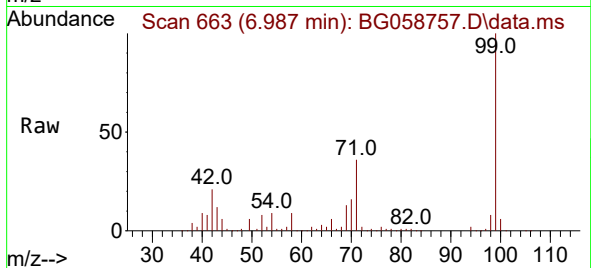




#7
Phenol-d6
Concen: 145.260 ng
RT: 6.987 min Scan# 609
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

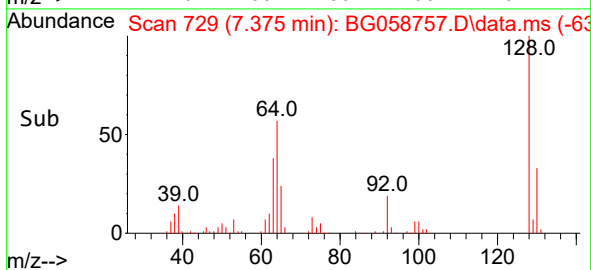
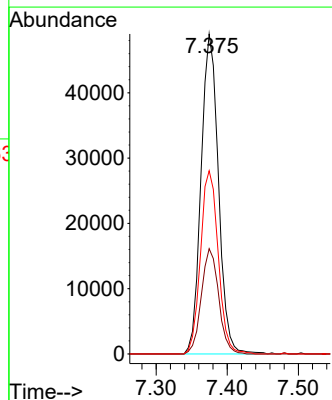
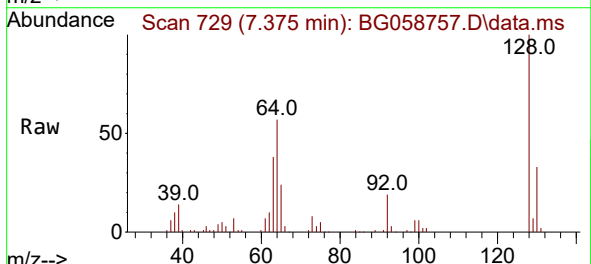
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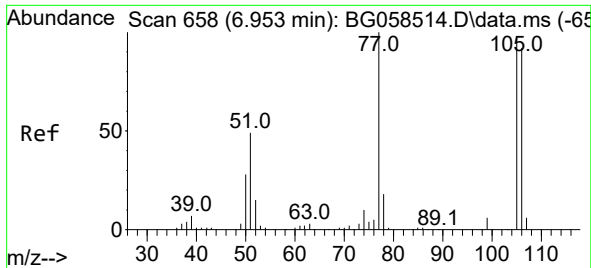
Tgt Ion: 99 Resp: 304330
Ion Ratio Lower Upper
99 100
42 21.4 14.6 21.8
71 35.9 25.0 37.4



#8
2-Chlorophenol
Concen: 56.449 ng
RT: 7.375 min Scan# 729
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:128 Resp: 83379
Ion Ratio Lower Upper
128 100
130 32.9 10.9 50.9
64 57.2 39.0 79.0

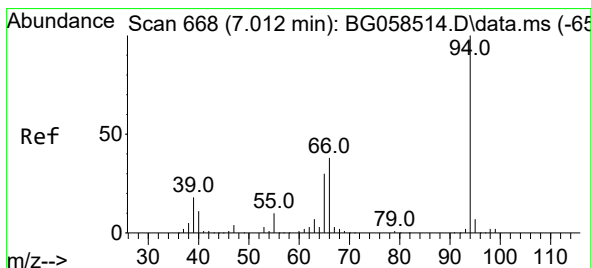
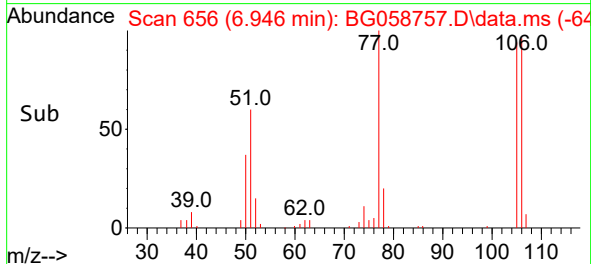
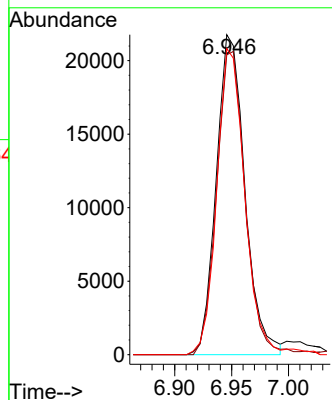
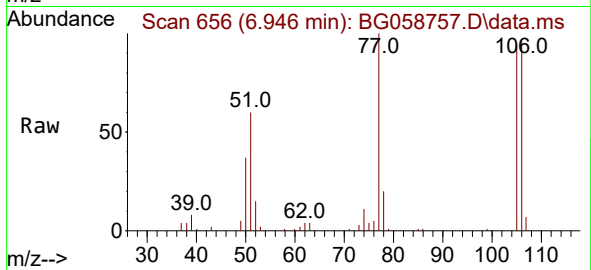




#9
Benzaldehyde
Concen: 33.481 ng
RT: 6.946 min Scan# 658
Delta R.T. -0.007 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

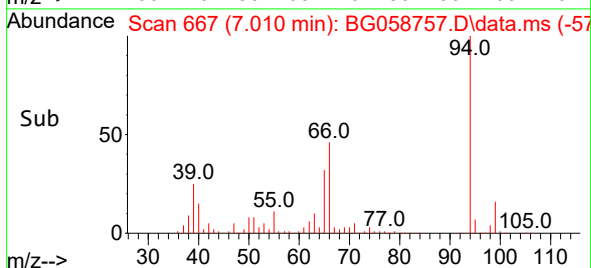
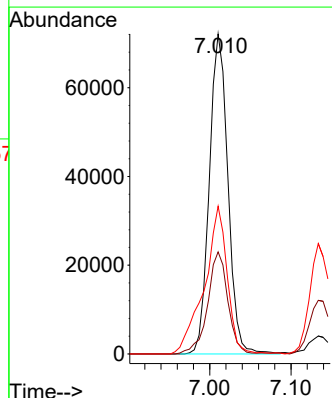
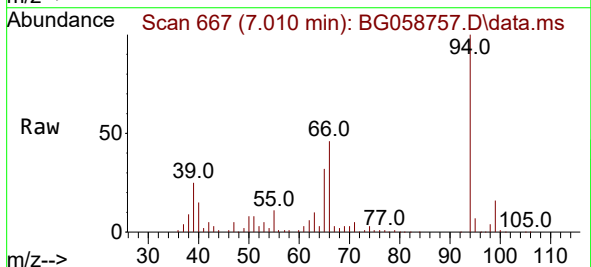
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ClientSampleId :
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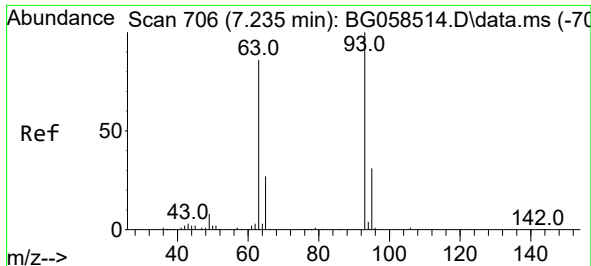
Tgt Ion: 77 Resp: 38110
Ion Ratio Lower Upper
77 100
105 93.7 77.1 117.1
106 95.6 71.6 111.6



#10
Phenol
Concen: 56.007 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion: 94 Resp: 114622
Ion Ratio Lower Upper
94 100
65 31.9 10.4 50.4
66 46.1 18.7 58.7

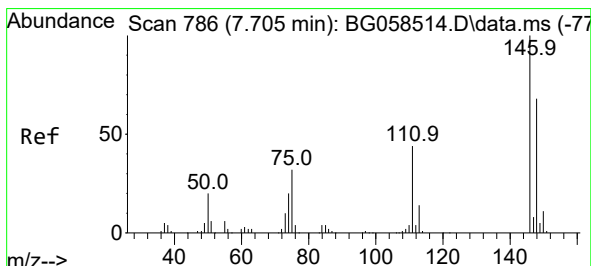
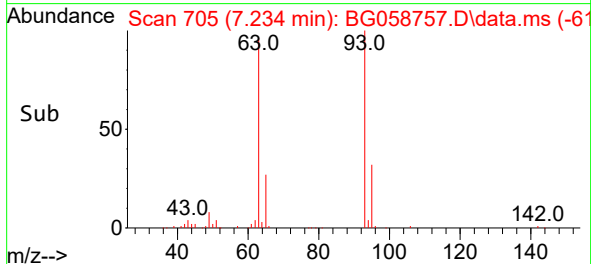
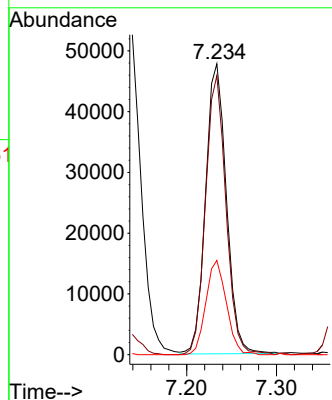
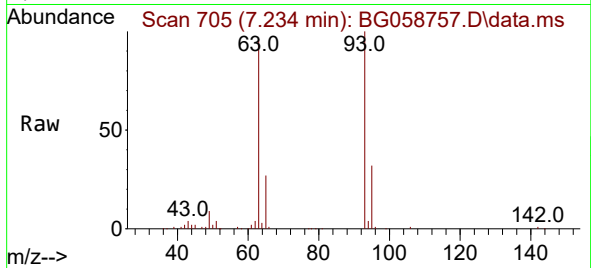




#11
bis(2-Chloroethyl)ether
Concen: 47.645 ng
RT: 7.234 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

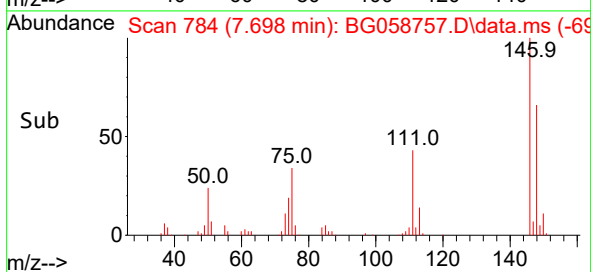
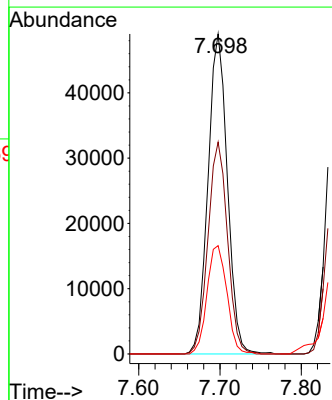
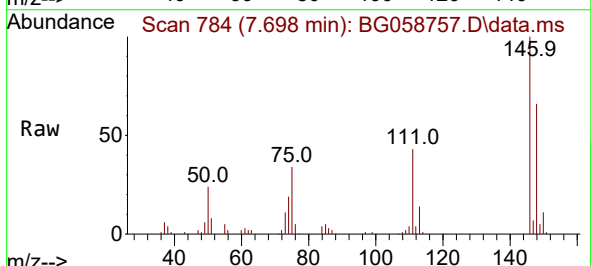
Instrument :
BNA_G
ClientSampleId :
PB154866BS

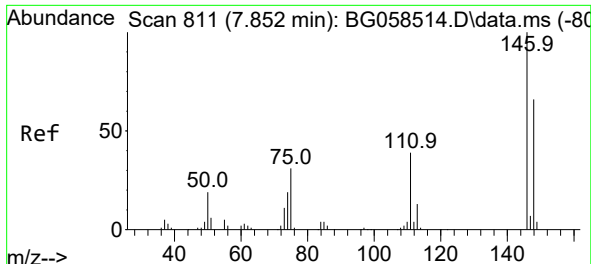
Tgt Ion: 93 Resp: 76872
Ion Ratio Lower Upper
93 100
63 95.9 65.5 105.5
95 32.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 51.350 ng
RT: 7.698 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:146 Resp: 80991
Ion Ratio Lower Upper
146 100
148 66.2 54.7 82.1
75 33.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 52.369 ng

RT: 7.845 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

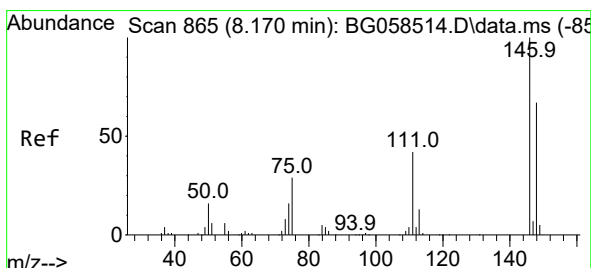
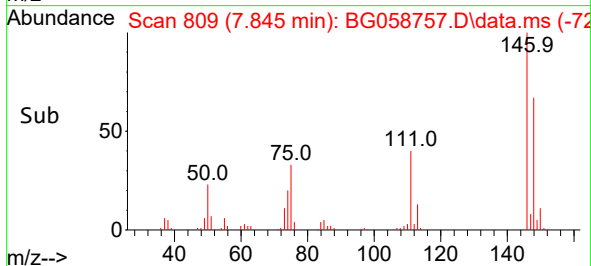
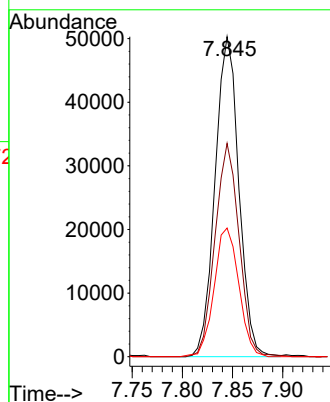
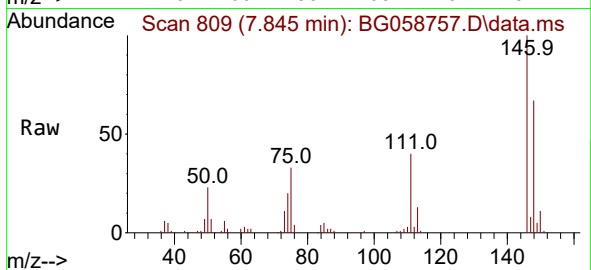
Tgt Ion:146 Resp: 82936

Ion Ratio Lower Upper

146 100

148 66.7 52.8 79.2

111 40.2 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 52.964 ng

RT: 8.162 min Scan# 863

Delta R.T. -0.008 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

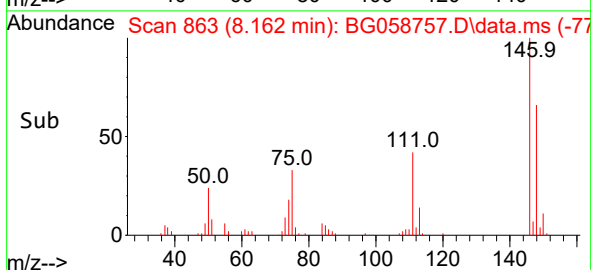
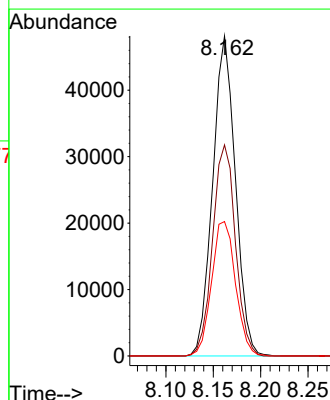
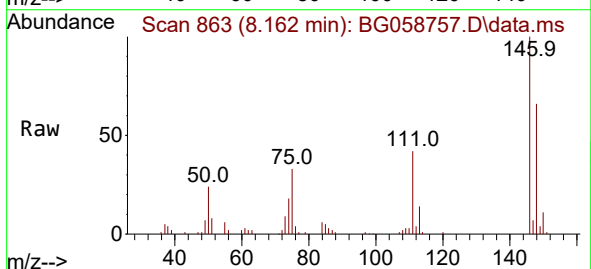
Tgt Ion:146 Resp: 80194

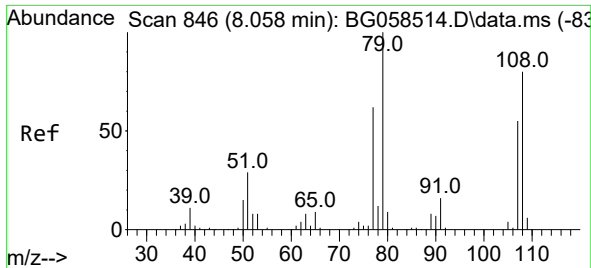
Ion Ratio Lower Upper

146 100

148 66.0 53.4 80.2

111 42.0 34.2 51.2

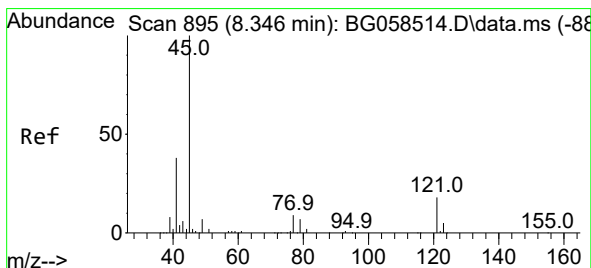
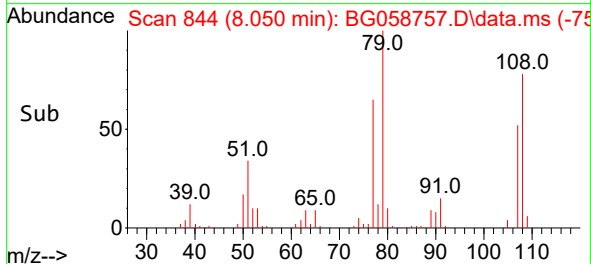
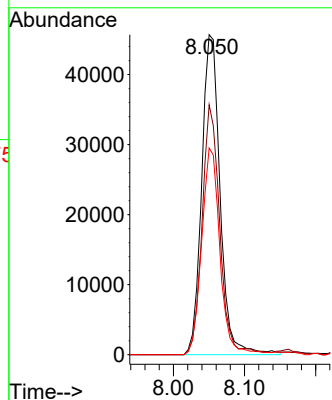
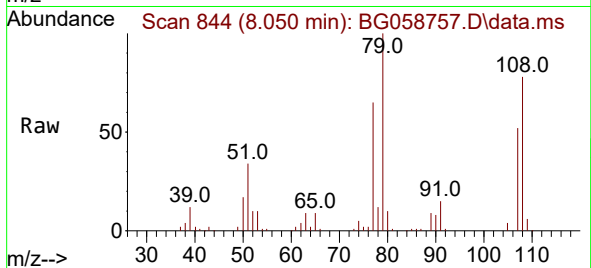




#15
Benzyl Alcohol
Concen: 62.152 ng
RT: 8.050 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

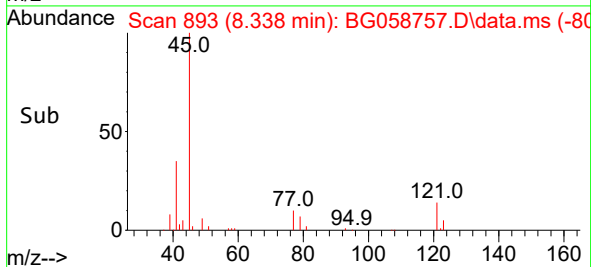
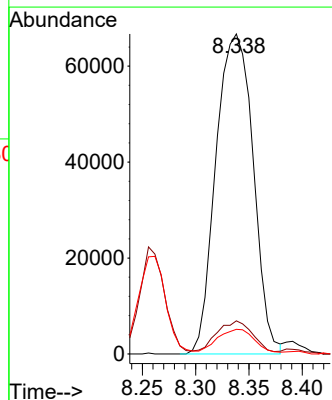
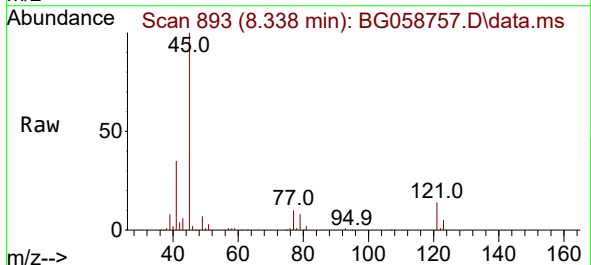
Instrument :
BNA_G
ClientSampleId :
PB154866BS

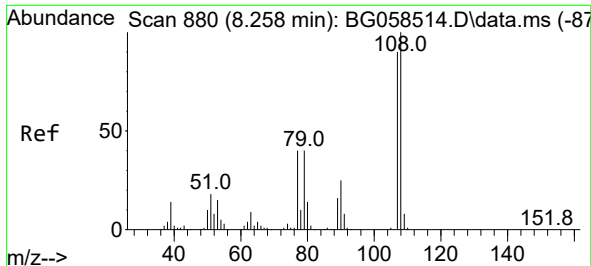
Tgt Ion: 79 Resp: 82578
Ion Ratio Lower Upper
79 100
108 78.1 63.8 95.6
77 64.6 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 61.824 ng
RT: 8.338 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion: 45 Resp: 162031
Ion Ratio Lower Upper
45 100
77 10.4 0.0 32.6
79 7.7 0.0 30.2

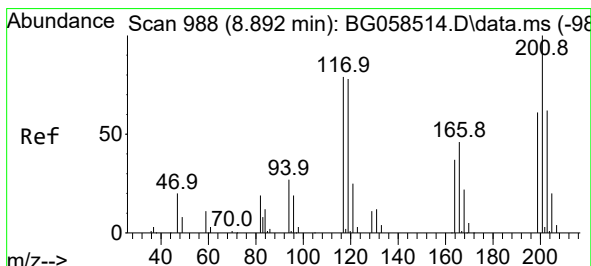
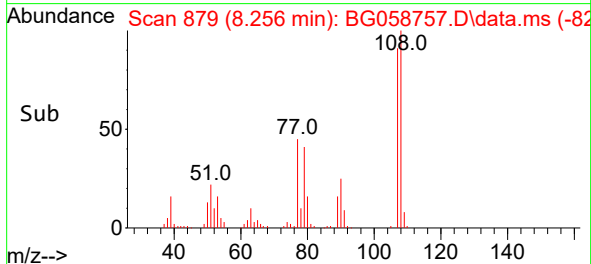
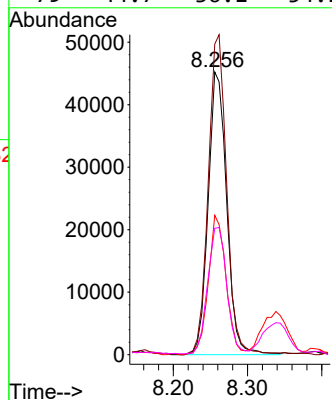
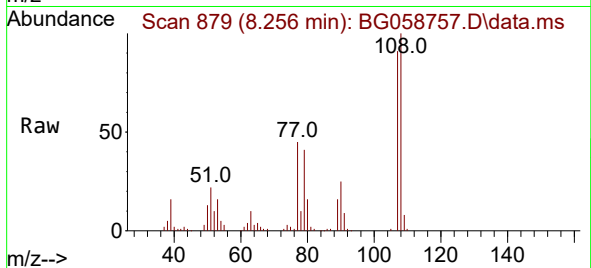




#17
2-Methylphenol
Concen: 52.473 ng
RT: 8.256 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

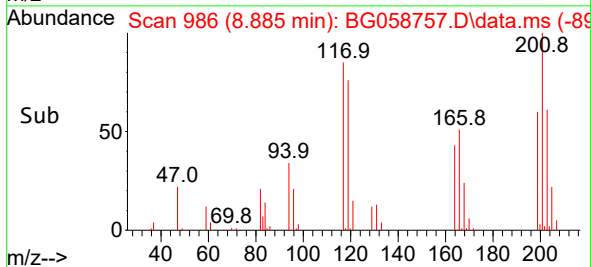
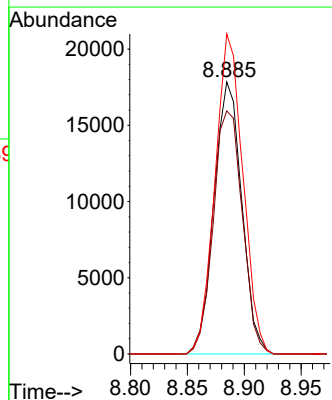
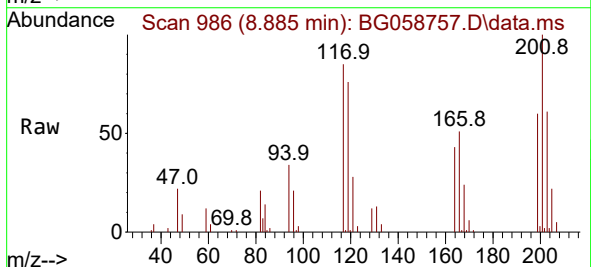
Instrument :
BNA_G
ClientSampleId :
PB154866BS

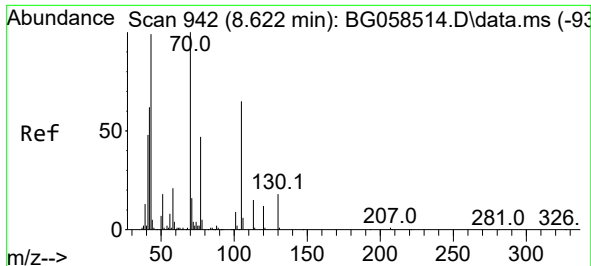
Tgt Ion:	107	Resp:	78520
Ion	Ratio	Lower	Upper
107	100		
108	109.8	89.1	133.7
77	49.3	36.2	54.4
79	44.7	36.1	54.1



#18
Hexachloroethane
Concen: 52.724 ng
RT: 8.885 min Scan# 986
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:	117	Resp:	30349
Ion	Ratio	Lower	Upper
117	100		
119	89.3	78.6	117.8
201	120.4	101.4	152.0

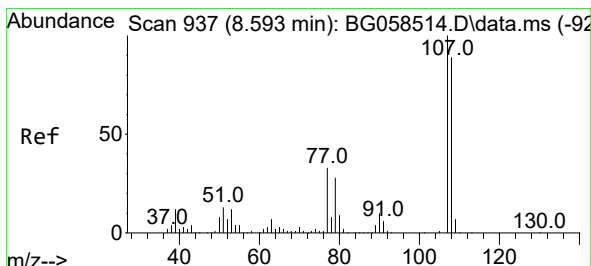
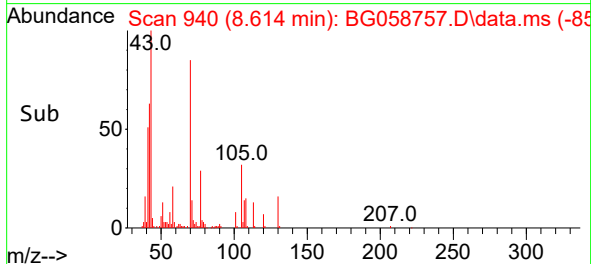
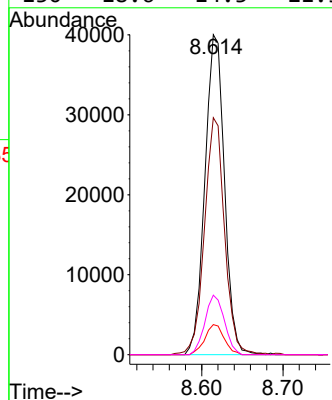
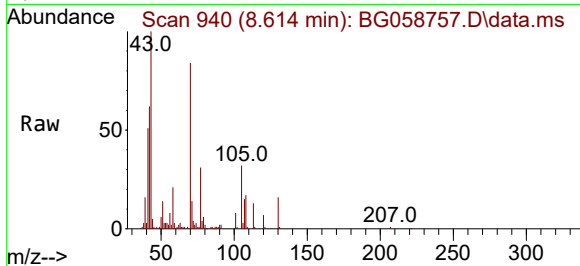




#19
n-Nitroso-di-n-propylamine
Concen: 49.430 ng
RT: 8.614 min Scan# 94
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

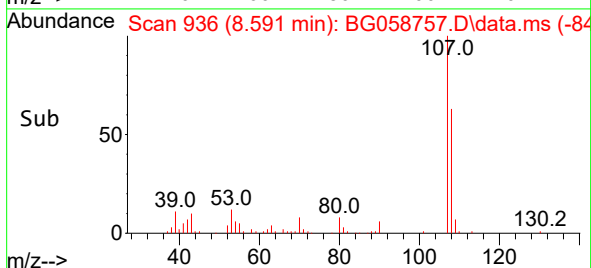
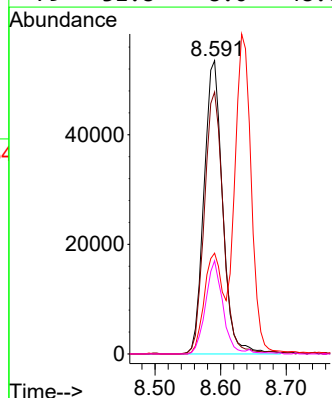
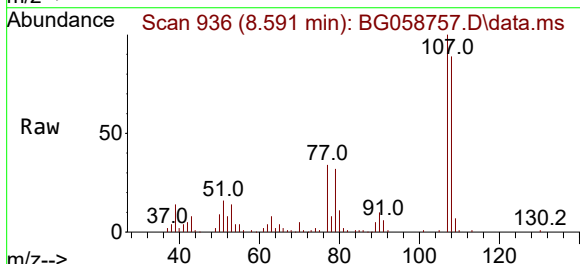
Instrument :
BNA_G
ClientSampleId :
PB154866BS

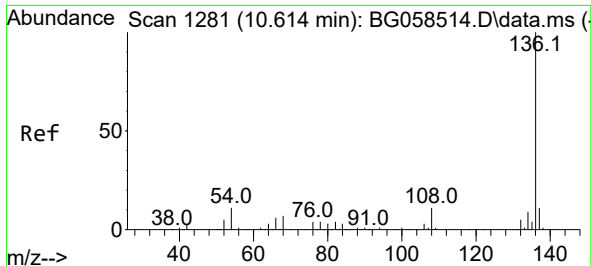
Tgt Ion:	70	Resp:	66892
Ion	Ratio	Lower	Upper
70	100		
42	74.0	49.7	74.5
101	9.4	7.0	10.4
130	18.6	14.3	21.5



#20
3+4-Methylphenols
Concen: 52.282 ng
RT: 8.591 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:	107	Resp:	105824
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.4	109.4
77	34.4	13.0	53.0
79	31.8	8.0	48.0

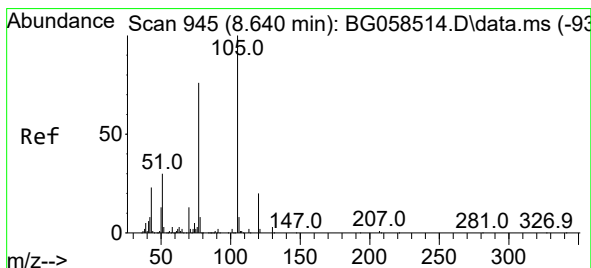
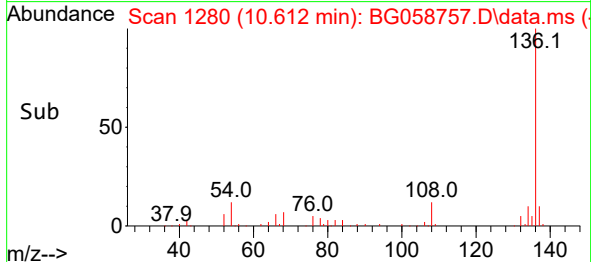
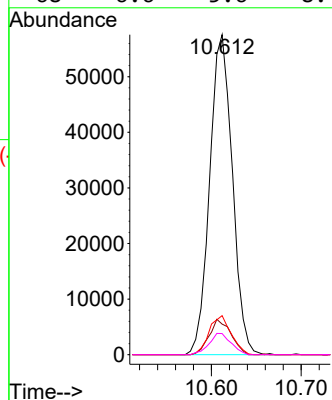
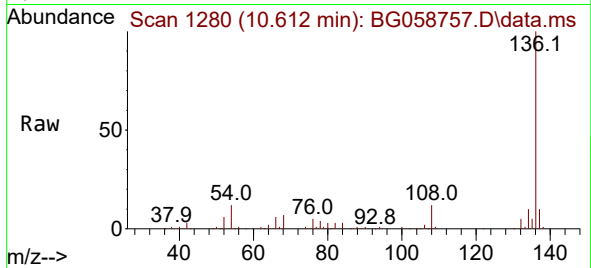




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

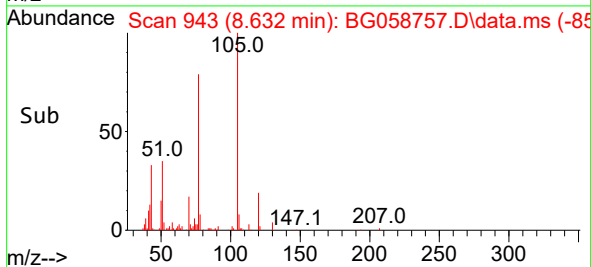
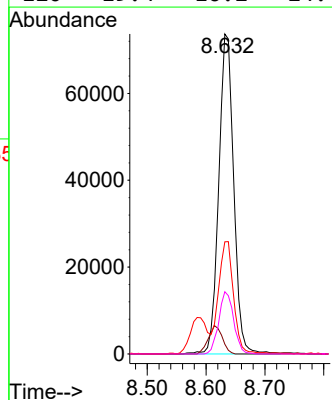
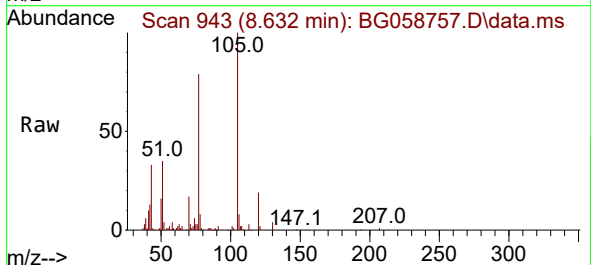
Instrument :
BNA_G
ClientSampleId :
PB154866BS

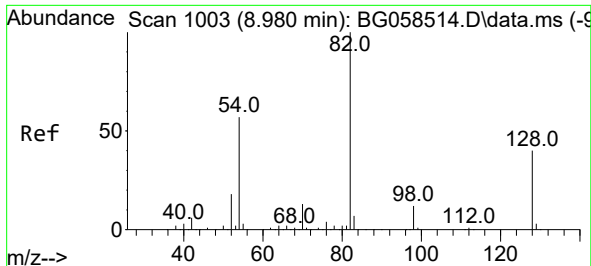
Tgt Ion:	136	Resp:	100803
Ion Ratio	Lower	Upper	
136	100		
137	9.6	8.6	13.0
54	12.2	8.9	13.3
68	6.6	5.6	8.4



#22
Acetophenone
Concen: 48.307 ng
RT: 8.632 min Scan# 943
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:	105	Resp:	130386
Ion Ratio	Lower	Upper	
105	100		
71	3.1	1.8	2.6#
51	35.1	24.2	36.2
120	19.4	16.2	24.4

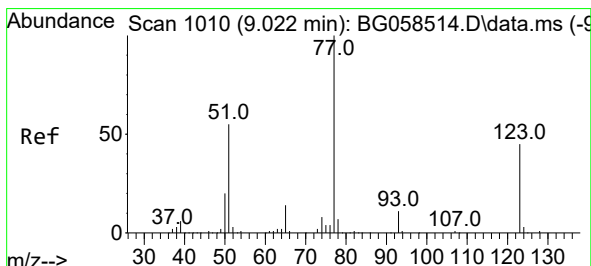
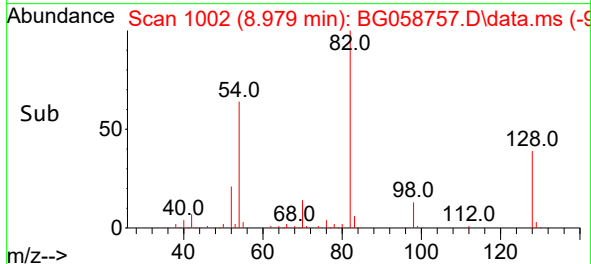
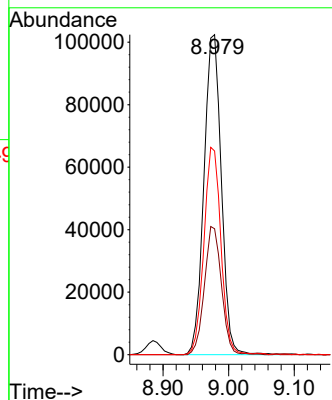
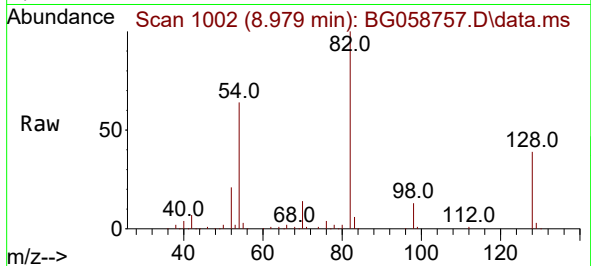




#23
Nitrobenzene-d5
Concen: 92.058 ng
RT: 8.979 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

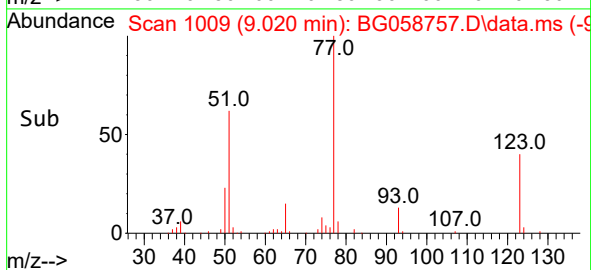
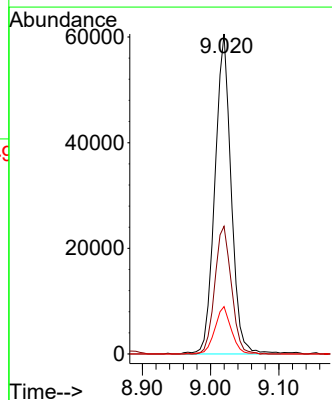
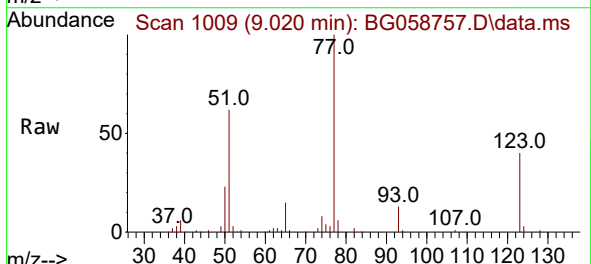
Instrument :
BNA_G
ClientSampleId :
PB154866BS

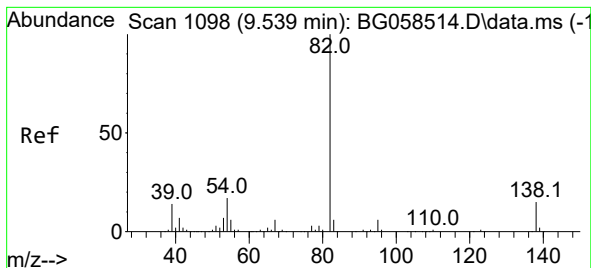
Tgt Ion: 82 Resp: 188900
Ion Ratio Lower Upper
82 100
128 39.4 32.2 48.2
54 63.7 46.0 69.0



#24
Nitrobenzene
Concen: 48.186 ng
RT: 9.020 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion: 77 Resp: 100521
Ion Ratio Lower Upper
77 100
123 39.9 35.6 53.4
65 14.8 11.4 17.0





#25

Isophorone

Concen: 45.758 ng

RT: 9.537 min Scan# 1100

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

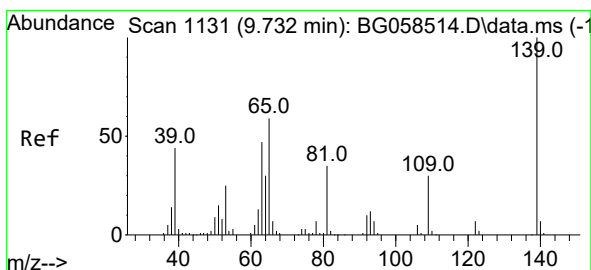
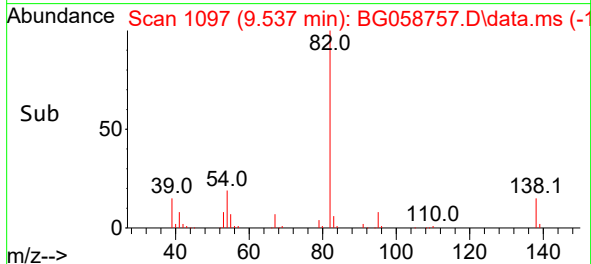
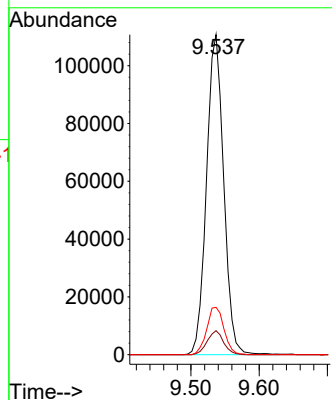
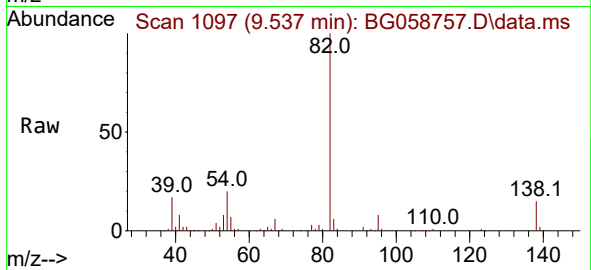
Tgt Ion: 82 Resp: 194003

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

138 14.8 11.9 17.9



#26

2-Nitrophenol

Concen: 49.231 ng

RT: 9.731 min Scan# 1130

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

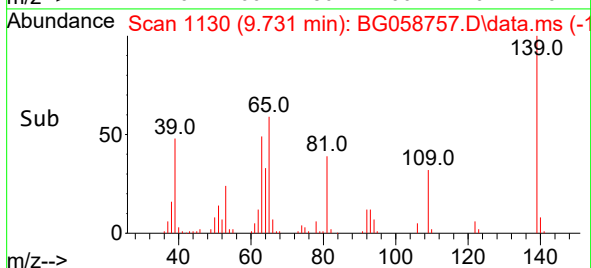
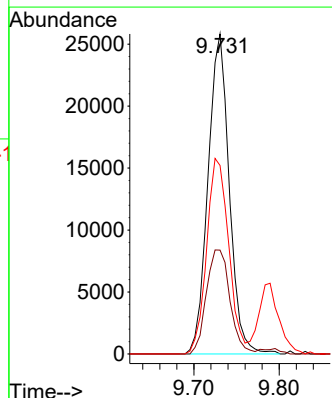
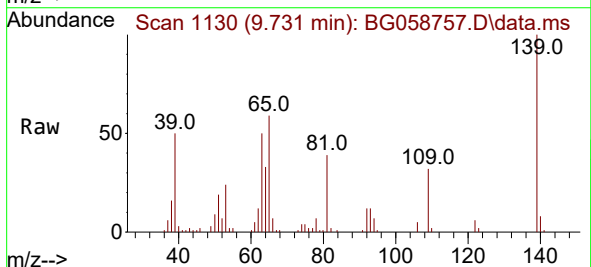
Tgt Ion:139 Resp: 44705

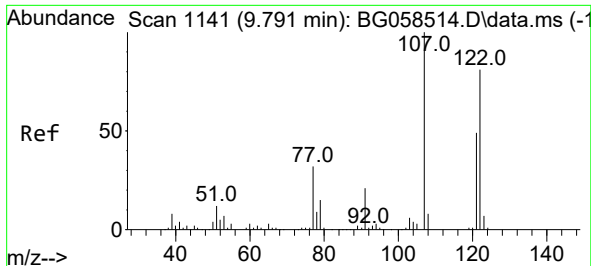
Ion Ratio Lower Upper

139 100

109 32.5 24.2 36.2

65 58.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 50.325 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

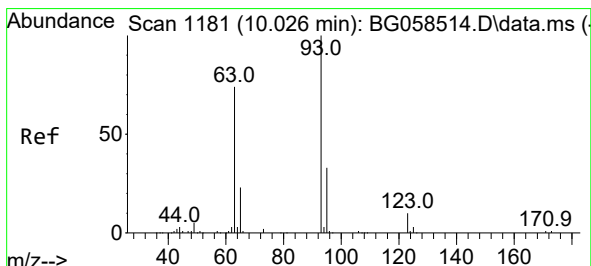
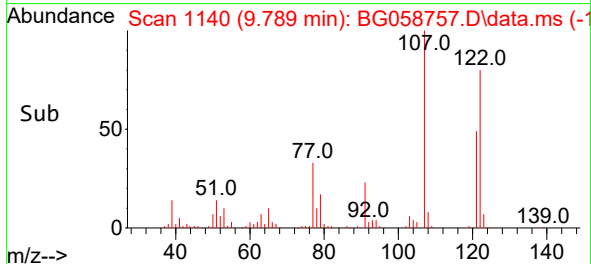
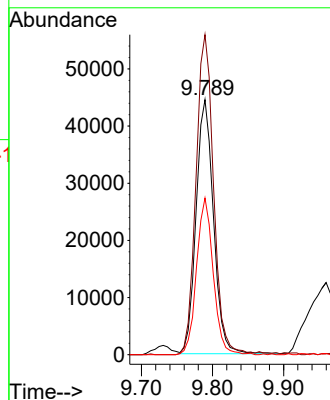
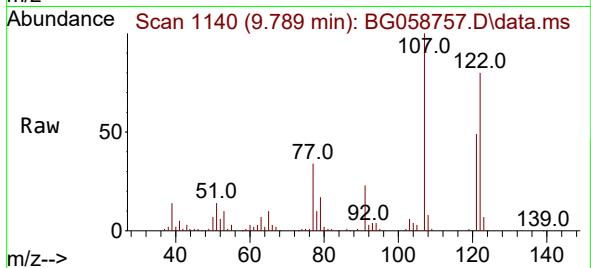
Tgt Ion:122 Resp: 75802

Ion Ratio Lower Upper

122 100

107 125.5 98.0 147.0

121 61.4 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.510 ng

RT: 10.018 min Scan# 1179

Delta R.T. -0.008 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

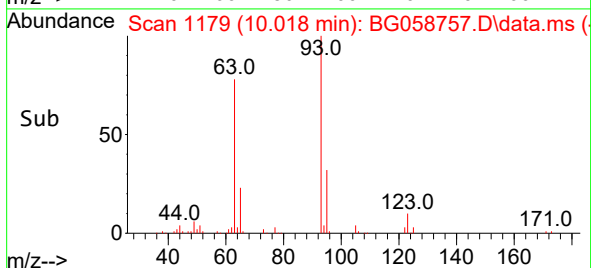
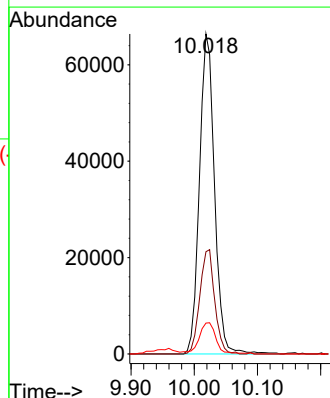
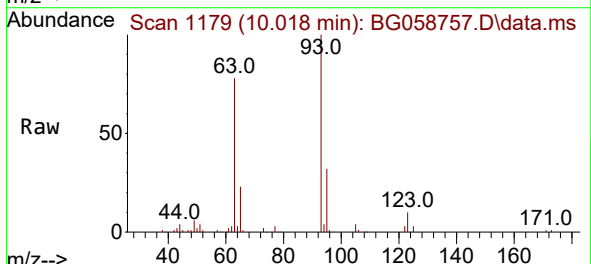
Tgt Ion: 93 Resp: 109619

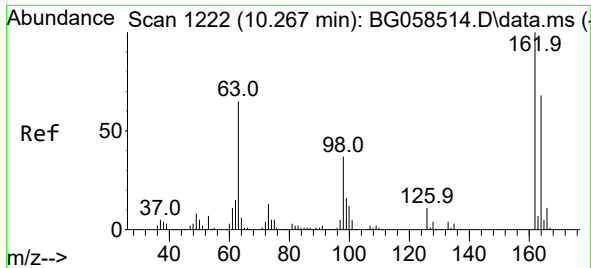
Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

123 9.7 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 53.879 ng

RT: 10.265 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

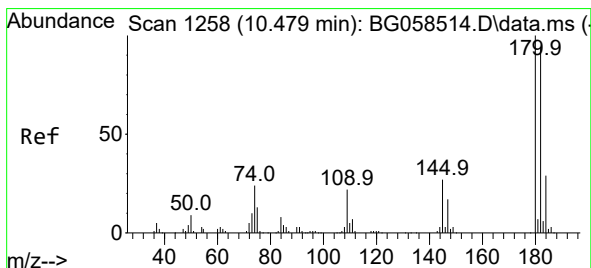
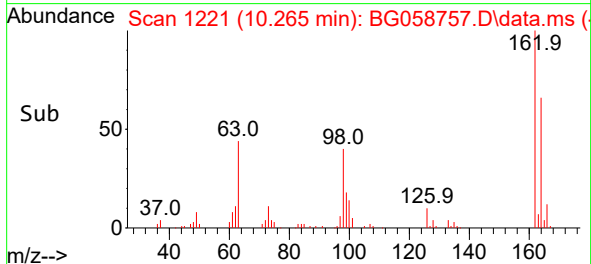
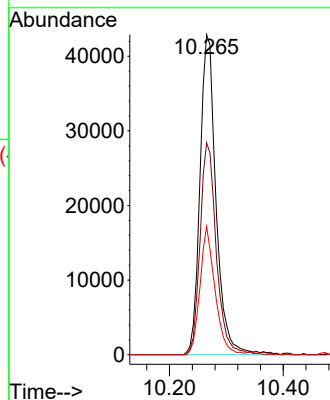
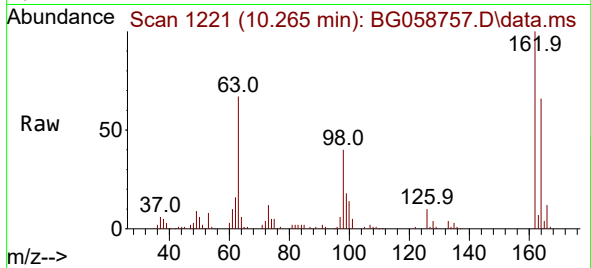
Tgt Ion:162 Resp: 84263

Ion Ratio Lower Upper

162 100

164 66.2 47.6 87.6

98 40.0 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 50.003 ng

RT: 10.477 min Scan# 1257

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

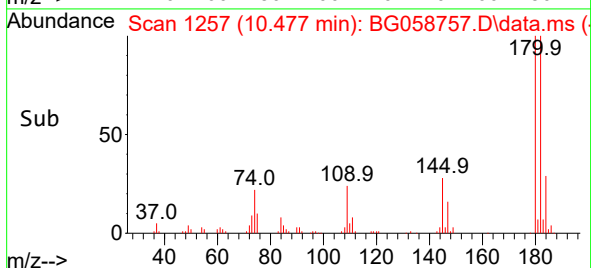
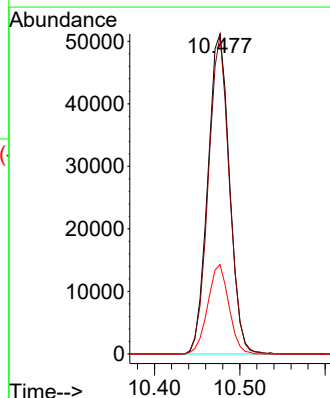
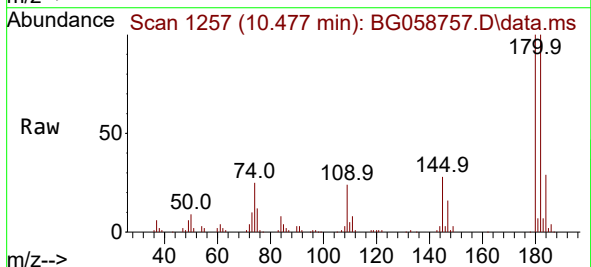
Tgt Ion:180 Resp: 90185

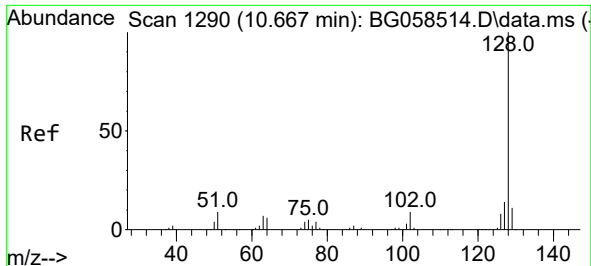
Ion Ratio Lower Upper

180 100

182 99.6 75.0 112.4

145 28.0 21.9 32.9

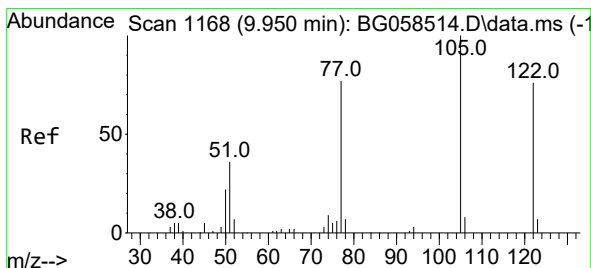
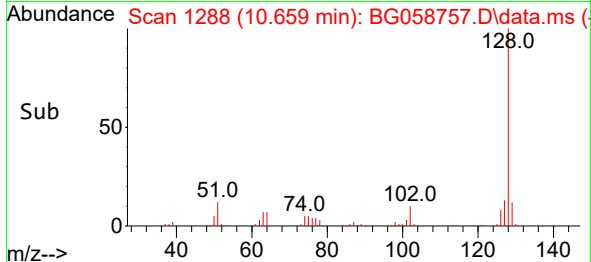
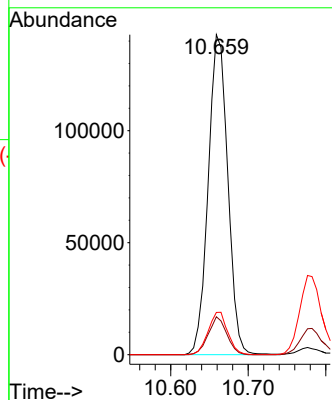
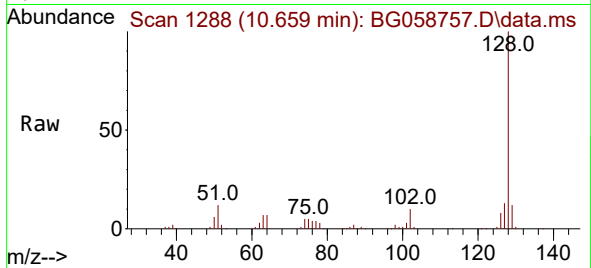




#31
Naphthalene
Concen: 47.087 ng
RT: 10.659 min Scan# 1169
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

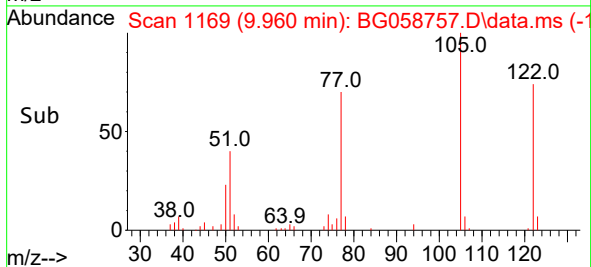
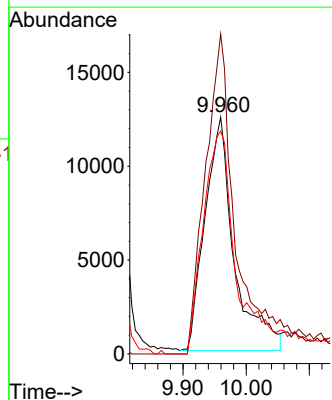
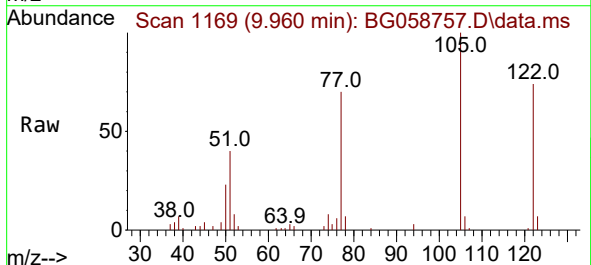
Instrument :
BNA_G
ClientSampleId :
PB154866BS

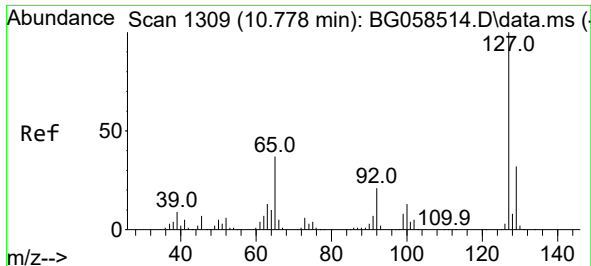
Tgt Ion:128 Resp: 250169
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 36.006 ng
RT: 9.960 min Scan# 1169
Delta R.T. 0.010 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:122 Resp: 39954
Ion Ratio Lower Upper
122 100
105 135.1 106.5 146.5
77 94.1 78.1 118.1

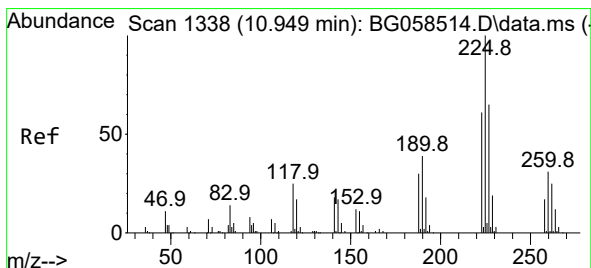
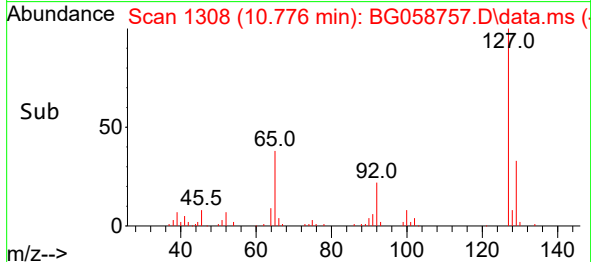
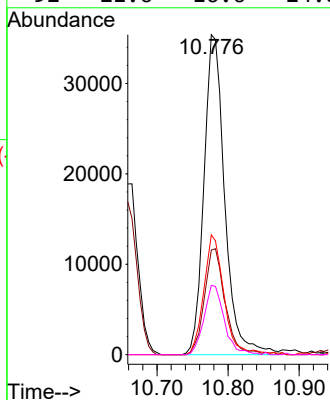
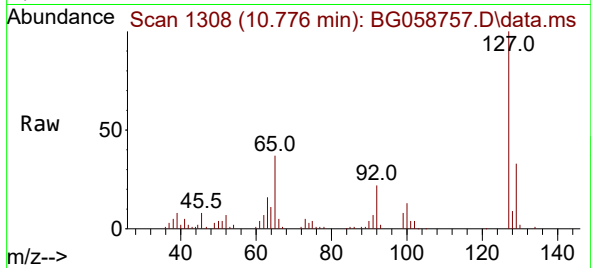




#33
4-Chloroaniline
Concen: 32.082 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

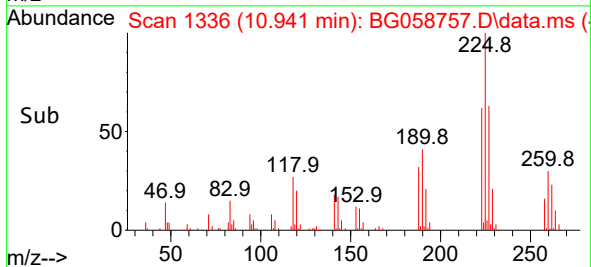
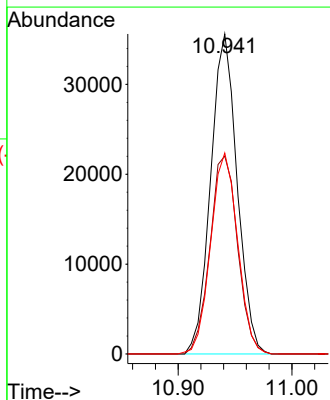
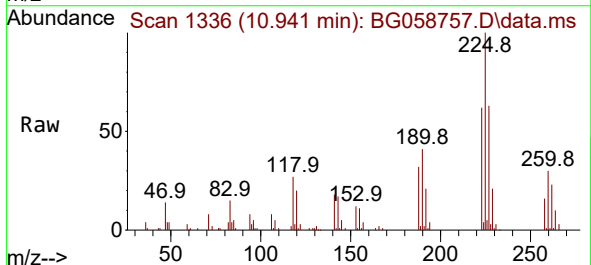
Instrument :
BNA_G
ClientSampleId :
PB154866BS

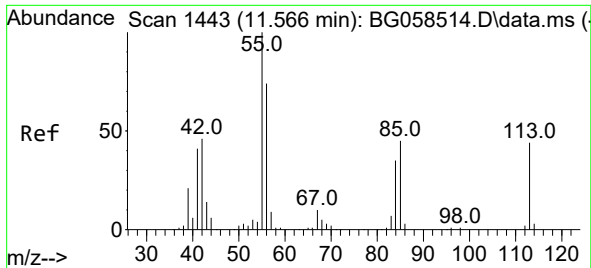
Tgt Ion:127	Resp:	72016
Ion	Ratio	Lower Upper
127	100	
129	32.7	25.4 38.2
65	37.4	29.5 44.3
92	21.6	16.6 24.8



#34
Hexachlorobutadiene
Concen: 49.626 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:225	Resp:	57641
Ion	Ratio	Lower Upper
225	100	
223	61.9	49.0 73.6
227	62.8	51.7 77.5

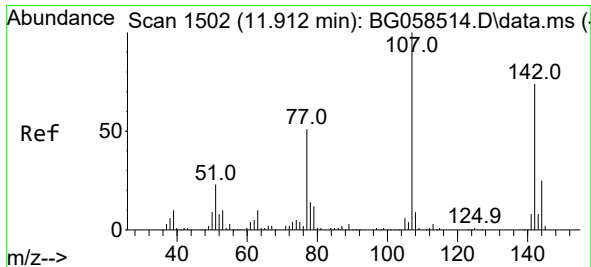
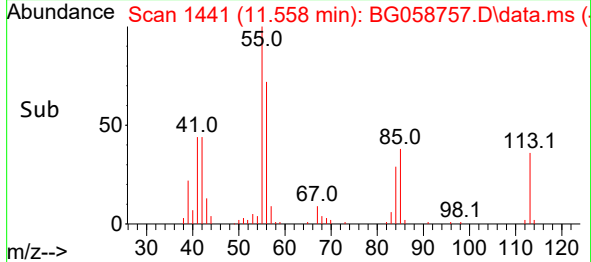
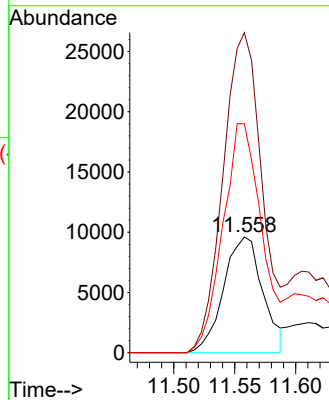
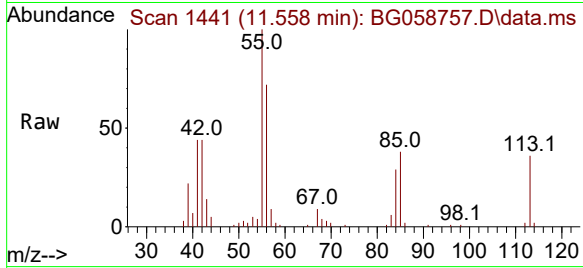




#35
Caprolactam
Concen: 37.156 ng
RT: 11.558 min Scan# 1443
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

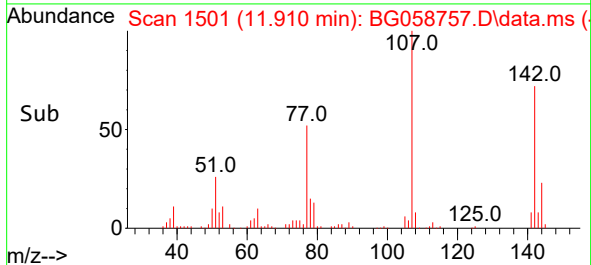
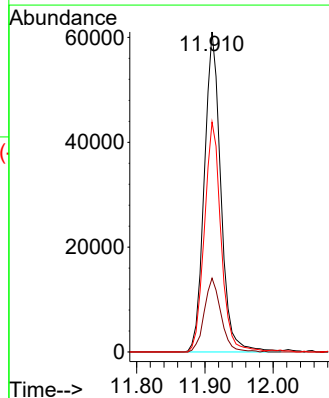
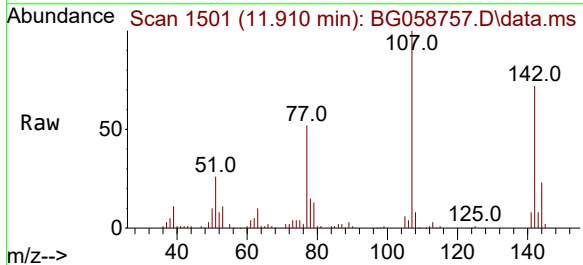
Instrument :
BNA_G
ClientSampleId :
PB154866BS

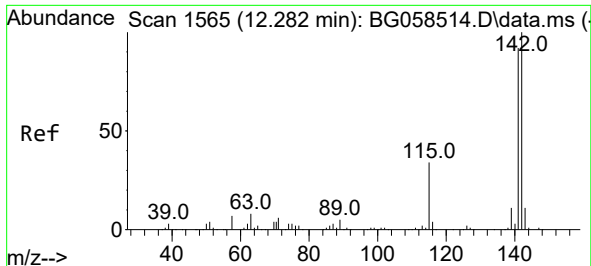
Tgt Ion:113 Resp: 21458
Ion Ratio Lower Upper
113 100
55 276.7 208.0 248.0#
56 198.0 148.6 188.6#



#36
4-Chloro-3-methylphenol
Concen: 53.219 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:107 Resp: 102958
Ion Ratio Lower Upper
107 100
144 23.0 19.6 29.4
142 71.9 59.3 88.9





#37

2-Methylnaphthalene

Concen: 47.034 ng

RT: 12.275 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

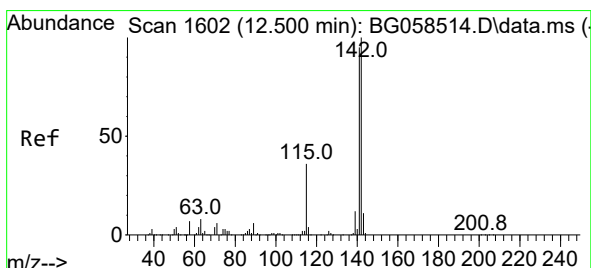
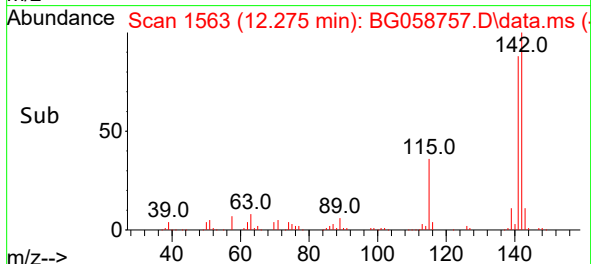
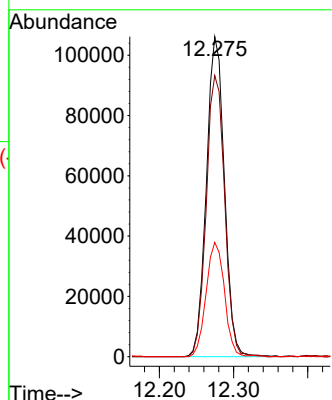
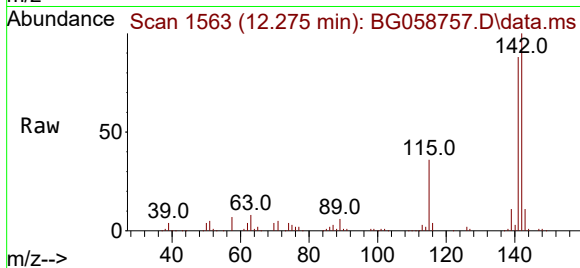
Tgt Ion:142 Resp: 178747

Ion Ratio Lower Upper

142 100

141 87.9 73.5 110.3

115 35.7 27.4 41.0



#38

1-Methylnaphthalene

Concen: 47.437 ng

RT: 12.498 min Scan# 1601

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

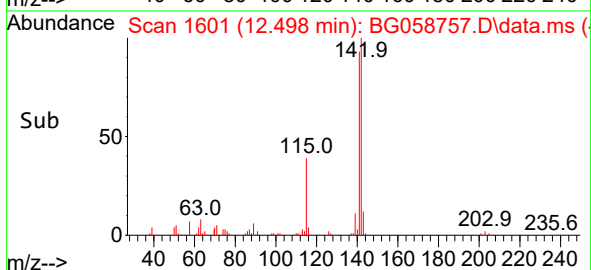
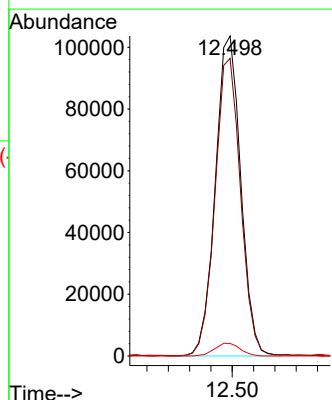
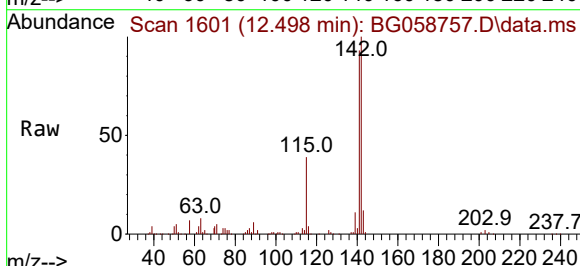
Tgt Ion:142 Resp: 171371

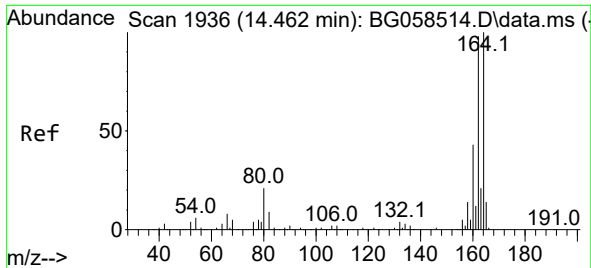
Ion Ratio Lower Upper

142 100

141 93.0 75.7 113.5

116 3.9 3.2 4.8

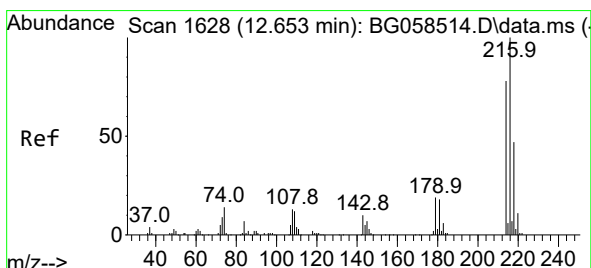
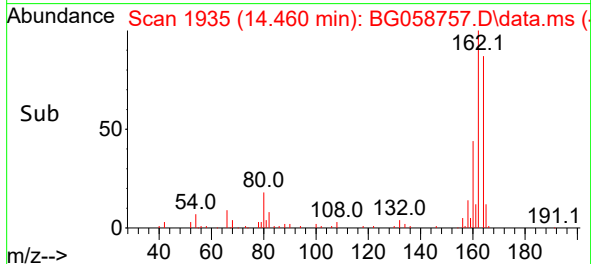
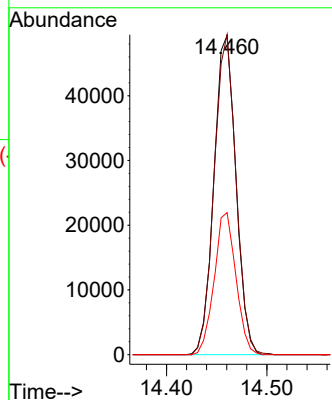
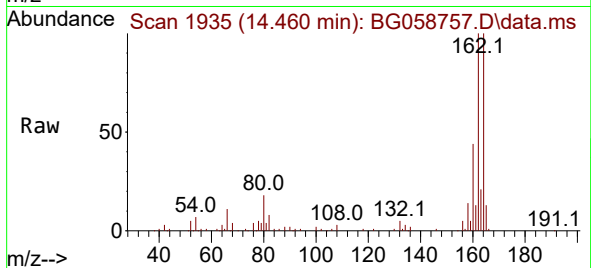




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

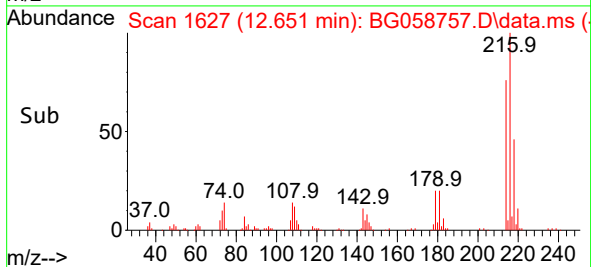
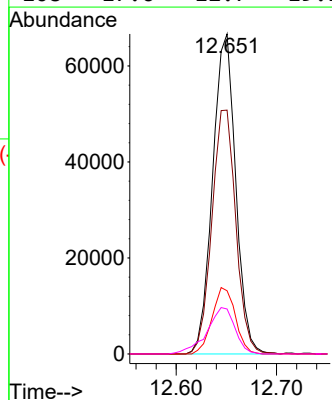
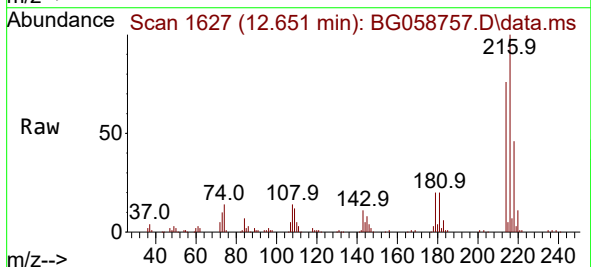
Instrument :
BNA_G
ClientSampleId :
PB154866BS

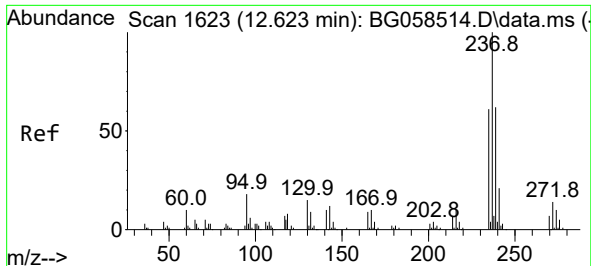
Tgt Ion:164 Resp: 75199
Ion Ratio Lower Upper
164 100
162 100.2 78.3 117.5
160 44.5 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.096 ng
RT: 12.651 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

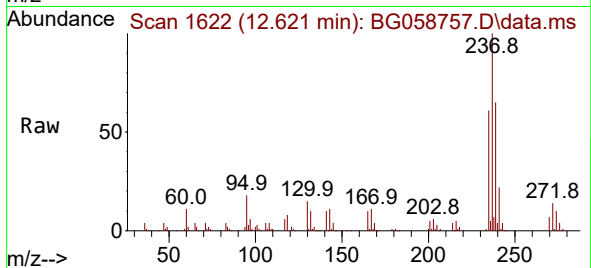
Tgt Ion:216 Resp: 106421
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 20.9 15.6 23.4
108 17.6 12.7 19.1



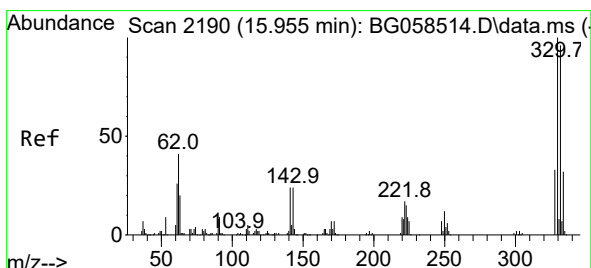
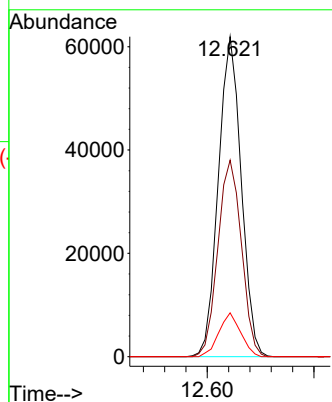
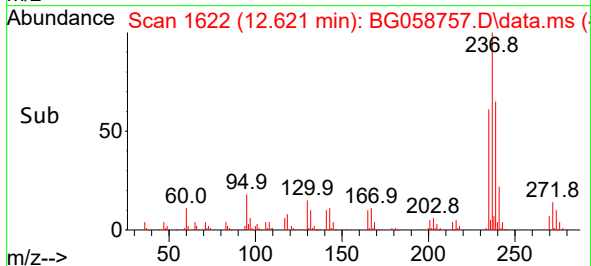


#41
Hexachlorocyclopentadiene
Concen: 85.352 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

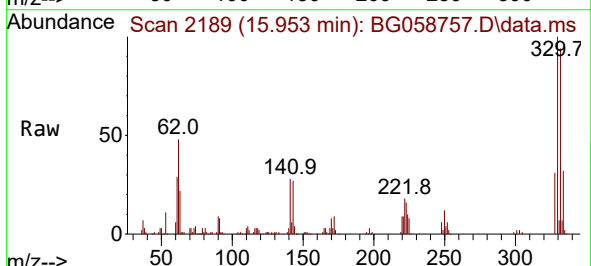
Instrument :
BNA_G
ClientSampleId :
PB154866BS



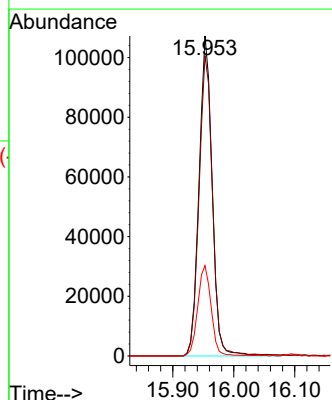
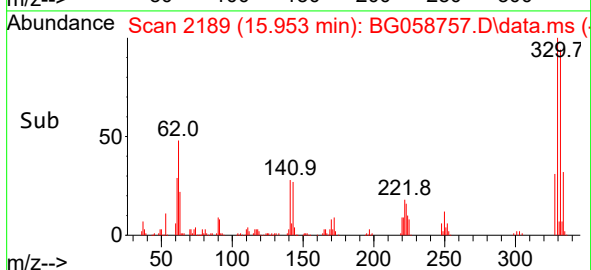
Tgt Ion:237 Resp: 92059
Ion Ratio Lower Upper
237 100
235 61.4 41.0 81.0
272 13.7 0.0 33.6

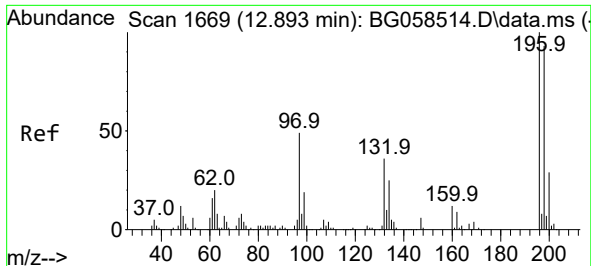


#42
2,4,6-Tribromophenol
Concen: 130.925 ng
RT: 15.953 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion:330 Resp: 161374
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 28.7 20.7 31.1

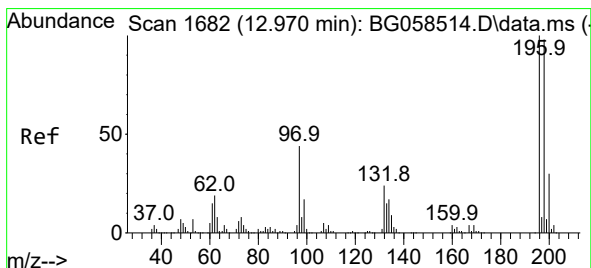
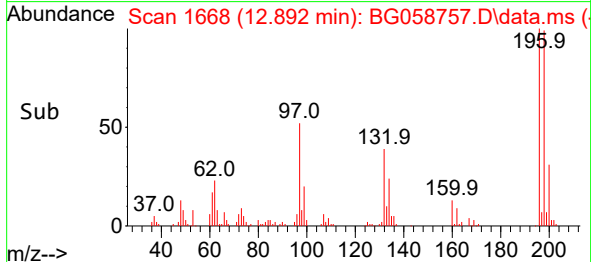
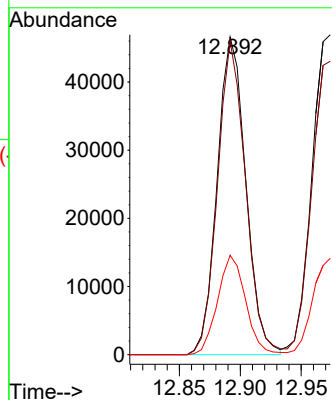
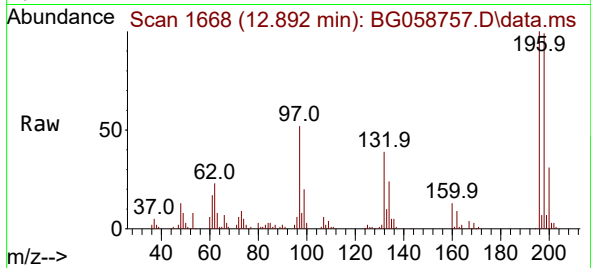




#43
2,4,6-Trichlorophenol
Concen: 47.976 ng
RT: 12.892 min Scan# 1668
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

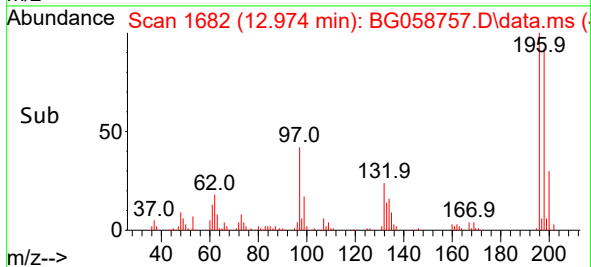
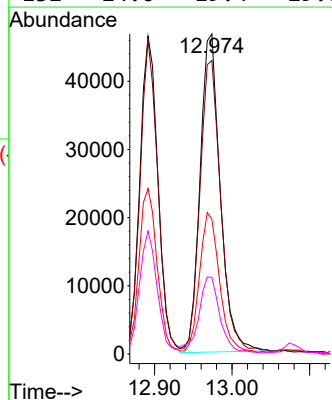
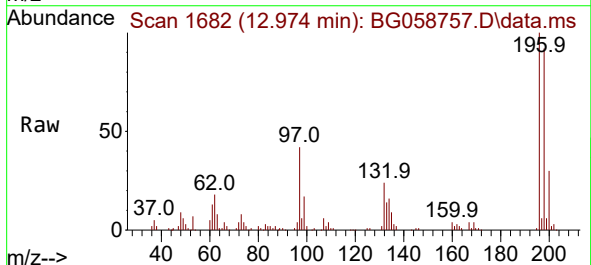
Instrument :
BNA_G
ClientSampleId :
PB154866BS

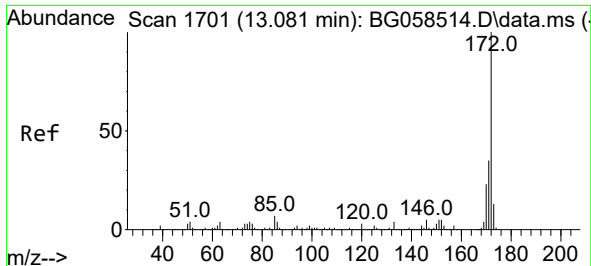
Tgt Ion:196 Resp: 76184
Ion Ratio Lower Upper
196 100
198 98.8 74.2 111.4
200 31.3 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 45.191 ng
RT: 12.974 min Scan# 1682
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:196 Resp: 84524
Ion Ratio Lower Upper
196 100
198 91.7 78.3 117.5
97 42.1 35.2 52.8
132 24.0 19.4 29.0

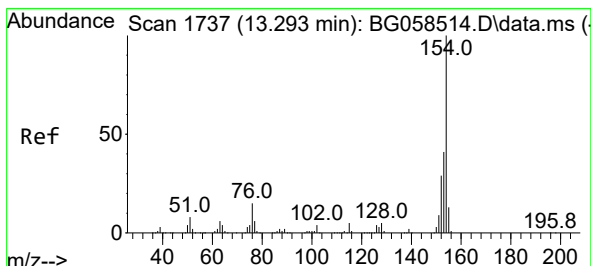
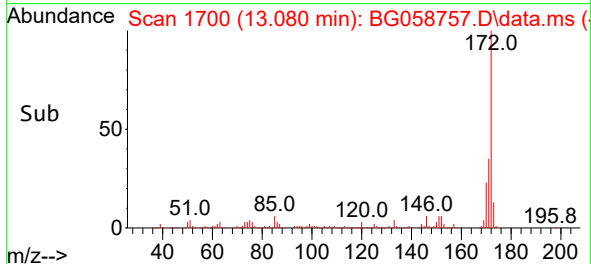
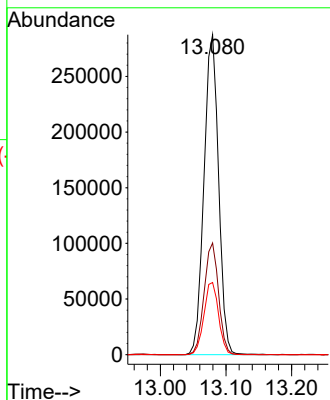
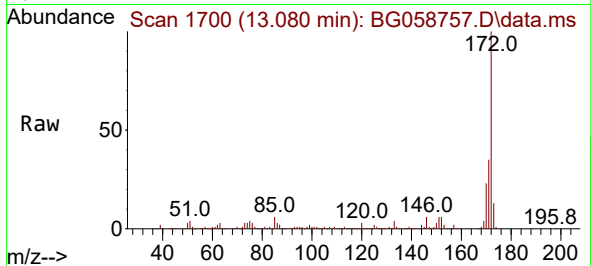




#45
2-Fluorobiphenyl
Concen: 88.703 ng
RT: 13.080 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

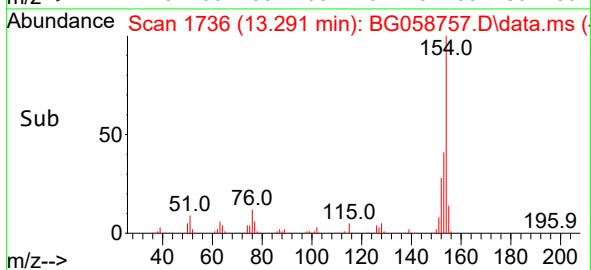
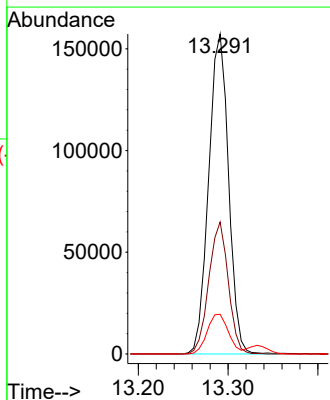
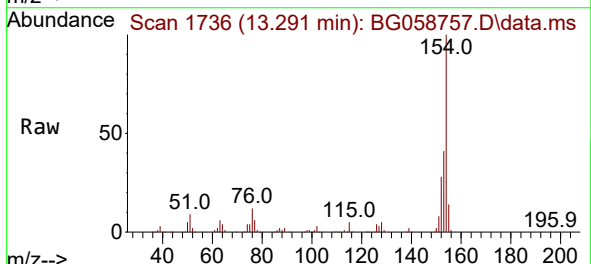
Instrument :
BNA_G
ClientSampleId :
PB154866BS

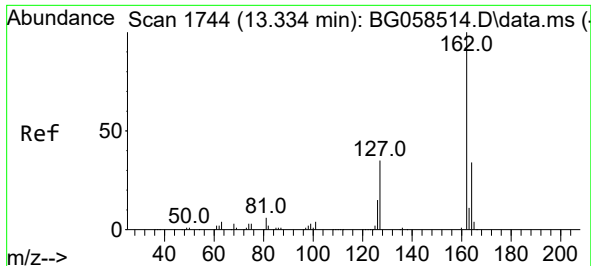
Tgt Ion:172 Resp: 445110
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.6 18.4 27.6



#46
1,1'-Biphenyl
Concen: 46.828 ng
RT: 13.291 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:154 Resp: 241833
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 12.4 0.0 34.7





#47

2-Chloronaphthalene

Concen: 48.730 ng

RT: 13.332 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

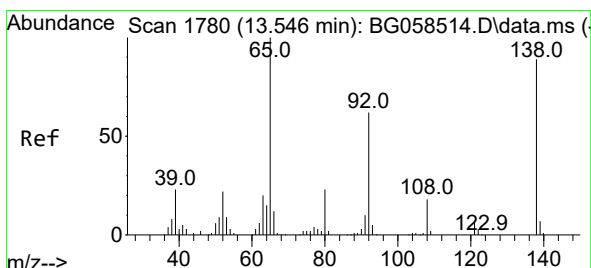
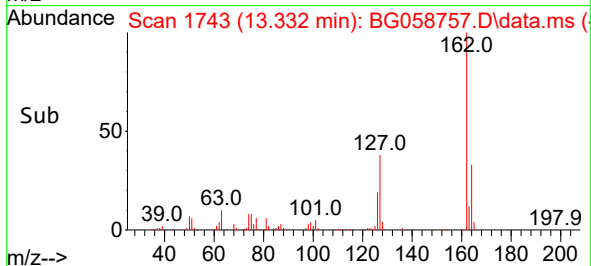
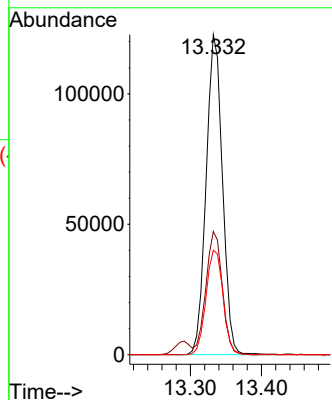
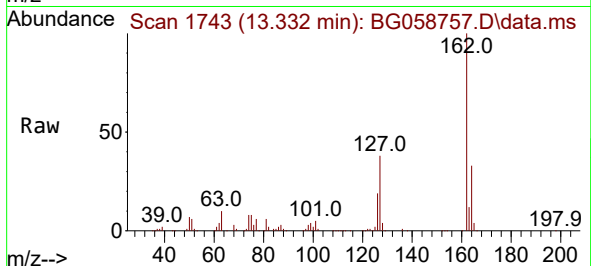
Tgt Ion:162 Resp: 196218

Ion Ratio Lower Upper

162 100

127 38.5 30.9 46.3

164 32.7 27.2 40.8



#48

2-Nitroaniline

Concen: 50.981 ng

RT: 13.544 min Scan# 1779

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

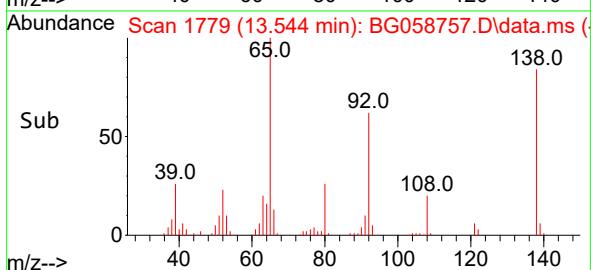
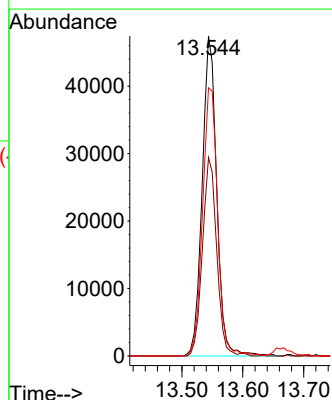
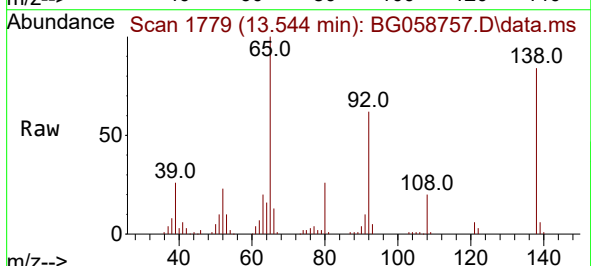
Tgt Ion: 65 Resp: 78355

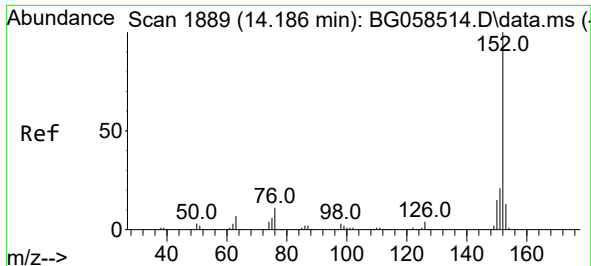
Ion Ratio Lower Upper

65 100

92 62.0 49.2 73.8

138 83.8 71.5 107.3

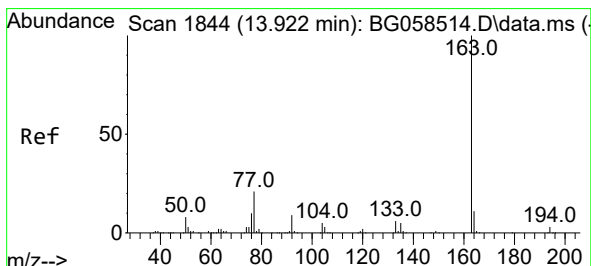
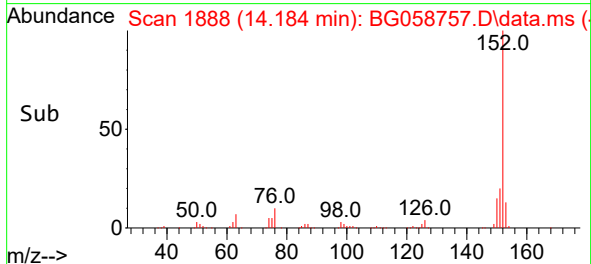
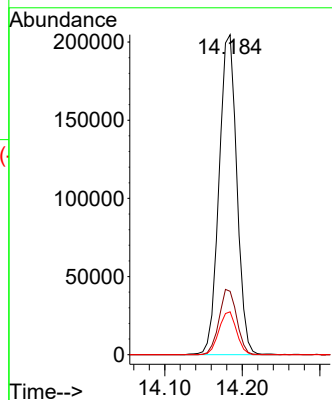
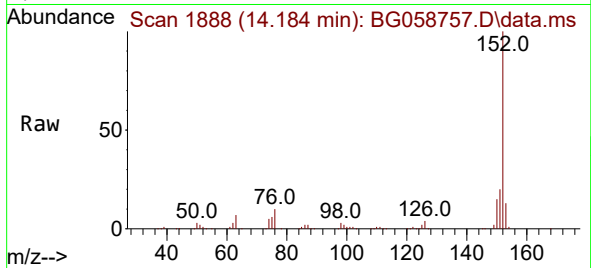




#49
Acenaphthylene
Concen: 48.406 ng
RT: 14.184 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

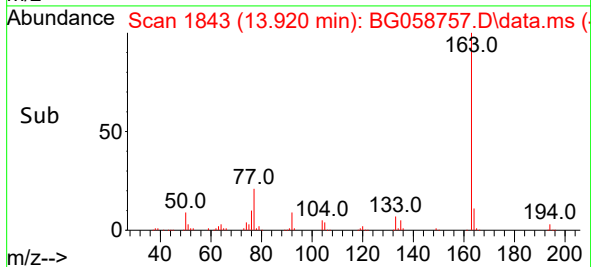
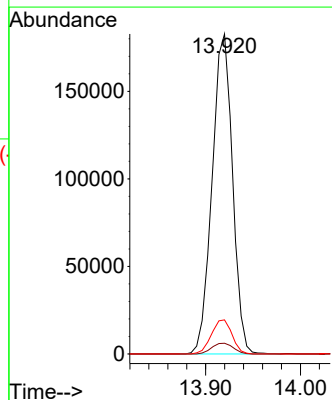
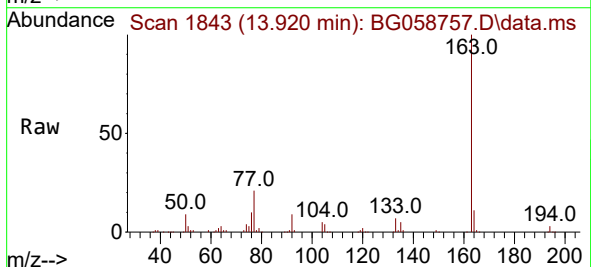
Instrument :
BNA_G
ClientSampleId :
PB154866BS

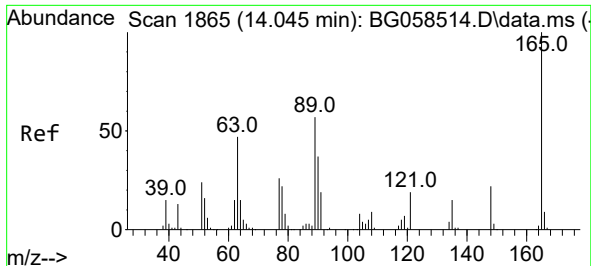
Tgt Ion:152 Resp: 326328
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 48.345 ng
RT: 13.920 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:163 Resp: 273036
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.6 12.8

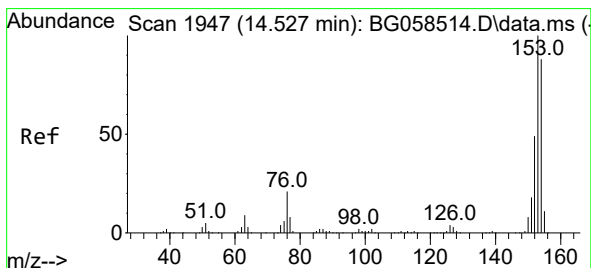
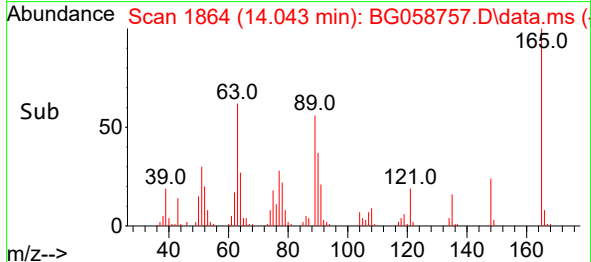
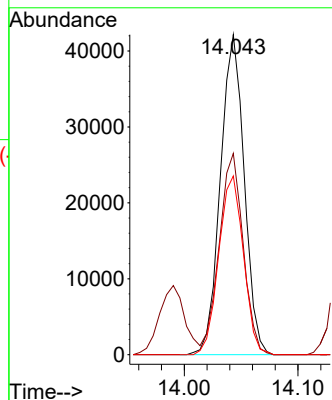
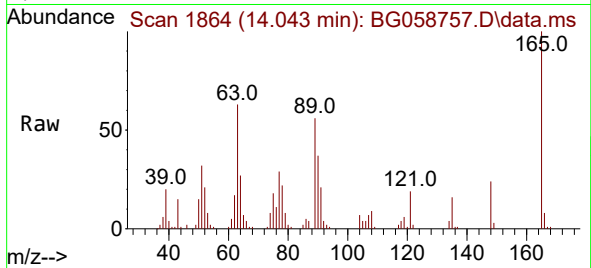




#51
2,6-Dinitrotoluene
Concen: 49.425 ng
RT: 14.043 min Scan# 1864
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

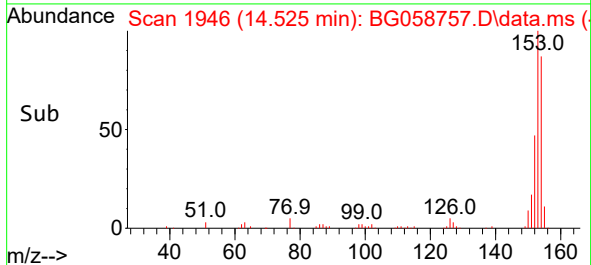
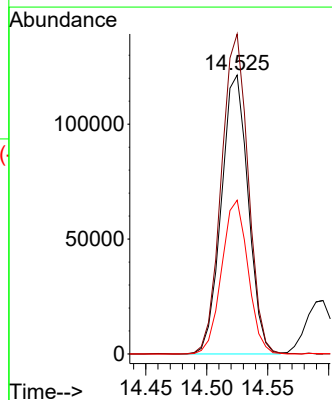
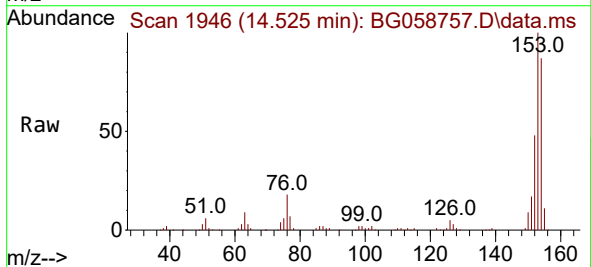
Instrument :
BNA_G
ClientSampleId :
PB154866BS

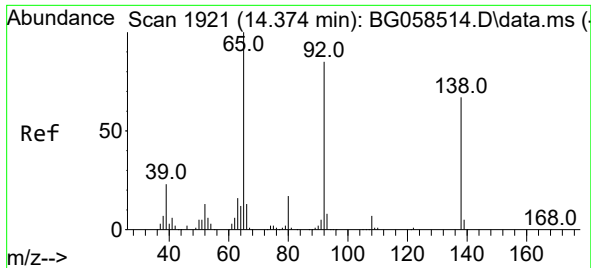
Tgt Ion:165 Resp: 61247
Ion Ratio Lower Upper
165 100
63 62.9 46.4 69.6
89 55.9 45.3 67.9



#52
Acenaphthene
Concen: 47.665 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:154 Resp: 185672
Ion Ratio Lower Upper
154 100
153 114.7 91.1 136.7
152 55.1 44.6 66.8

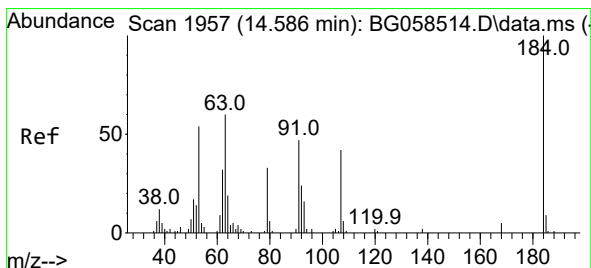
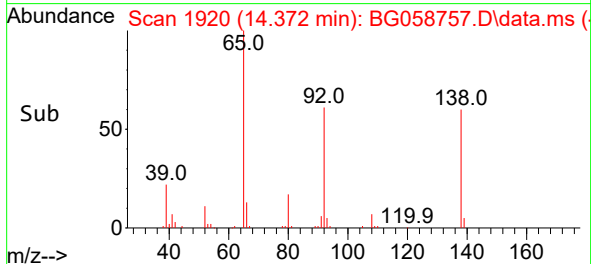
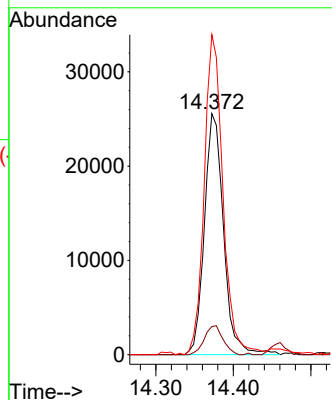
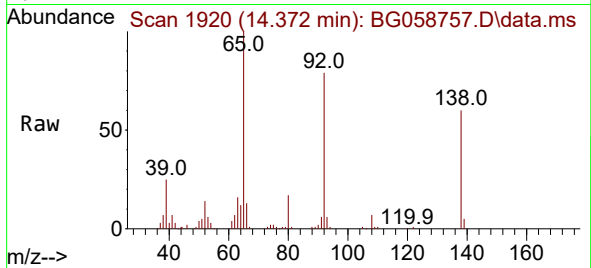




#53
3-Nitroaniline
Concen: 35.373 ng
RT: 14.372 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

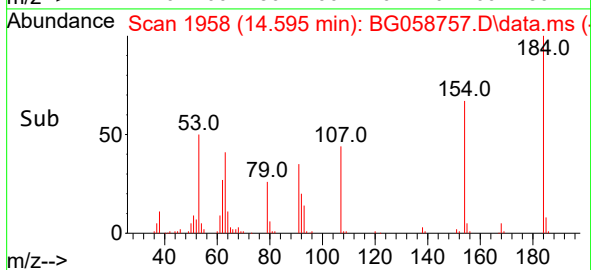
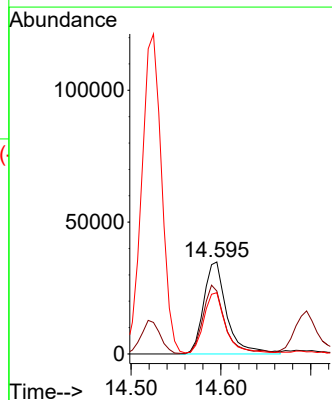
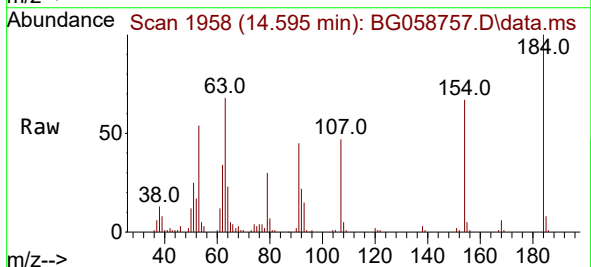
Instrument :
BNA_G
ClientSampleId :
PB154866BS

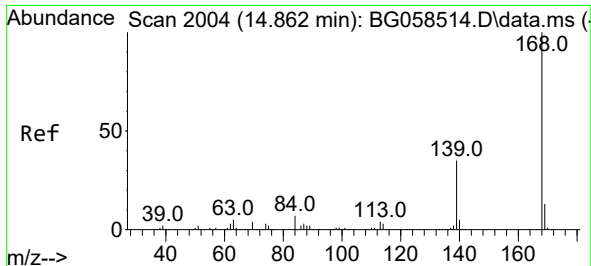
Tgt Ion:138 Resp: 43856
Ion Ratio Lower Upper
138 100
108 11.7 8.3 12.5
92 132.8 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 88.622 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.009 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:184 Resp: 62529
Ion Ratio Lower Upper
184 100
63 68.3 56.7 85.1
154 66.6 46.1 69.1

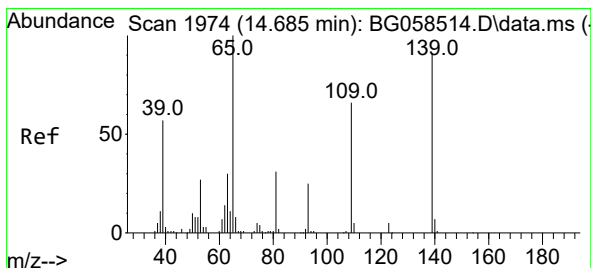
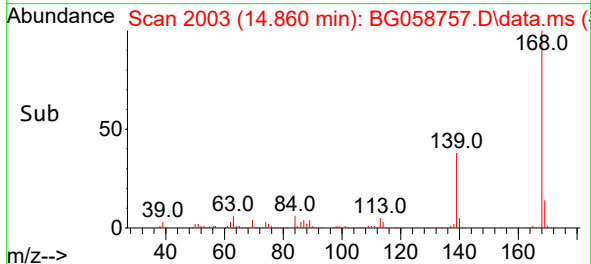
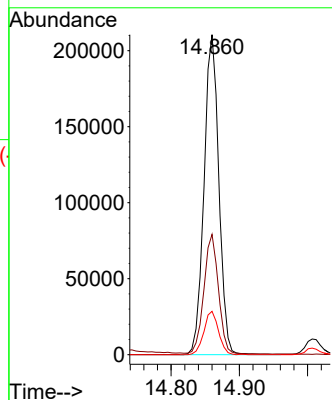
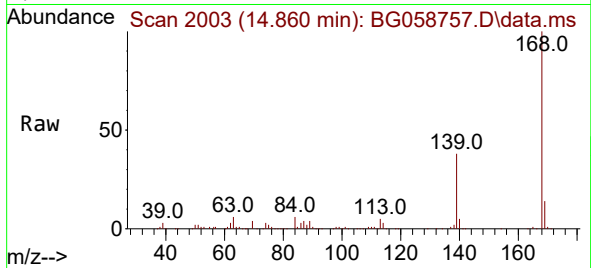




#55
Dibenzofuran
Concen: 47.502 ng
RT: 14.860 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

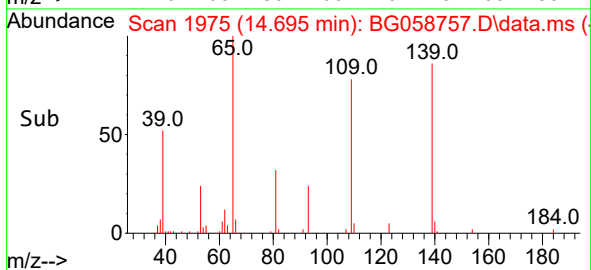
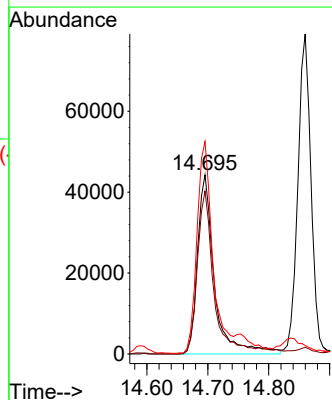
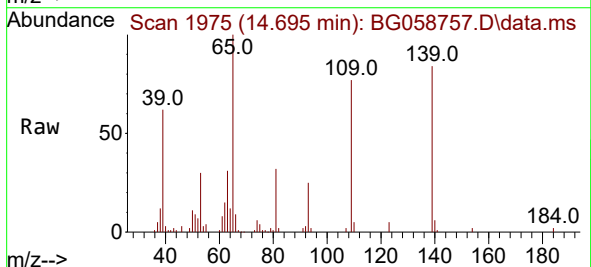
Instrument :
BNA_G
ClientSampleId :
PB154866BS

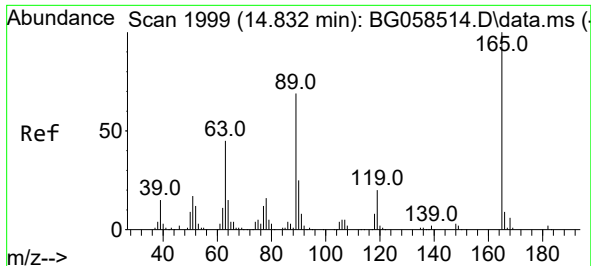
Tgt Ion:168 Resp: 317953
Ion Ratio Lower Upper
168 100
139 37.6 27.8 41.8
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 93.008 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:139 Resp: 85964
Ion Ratio Lower Upper
139 100
109 90.9 52.5 92.5
65 118.6 90.5 130.5





#57

2,4-Dinitrotoluene

Concen: 51.865 ng

RT: 14.836 min Scan# 1999

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

Tgt Ion:165 Resp: 89103

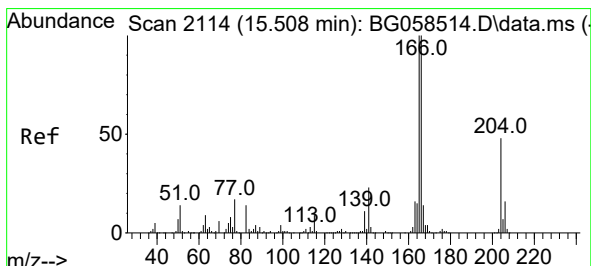
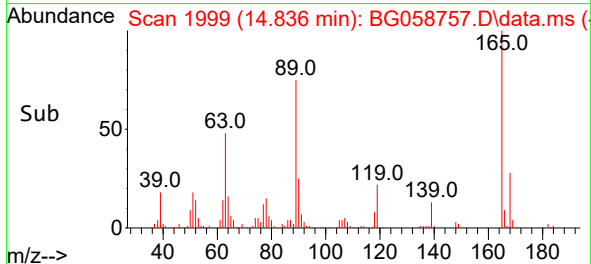
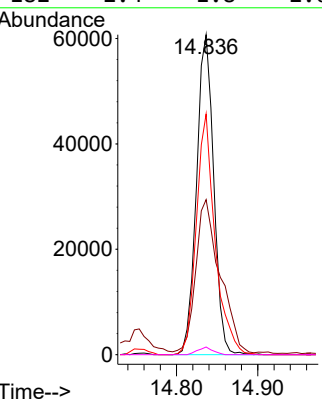
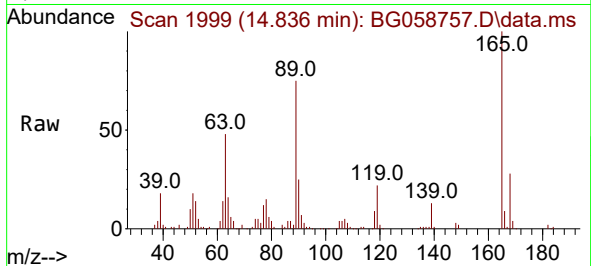
Ion Ratio Lower Upper

165 100

63 48.4 36.6 54.8

89 75.2 55.4 83.0

182 2.4 1.8 2.6



#58

Fluorene

Concen: 49.004 ng

RT: 15.506 min Scan# 2113

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

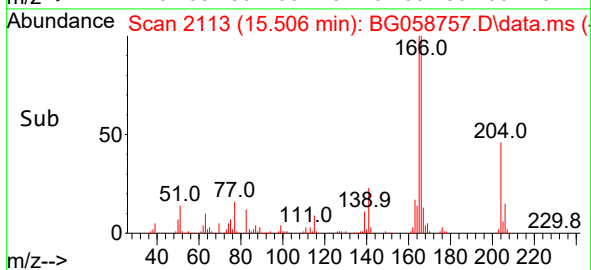
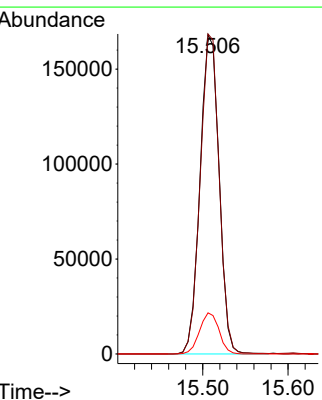
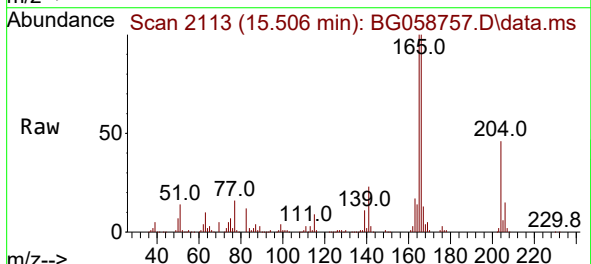
Tgt Ion:166 Resp: 260573

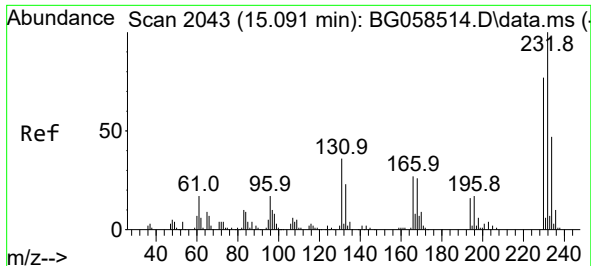
Ion Ratio Lower Upper

166 100

165 100.3 80.0 120.0

167 12.9 11.3 16.9

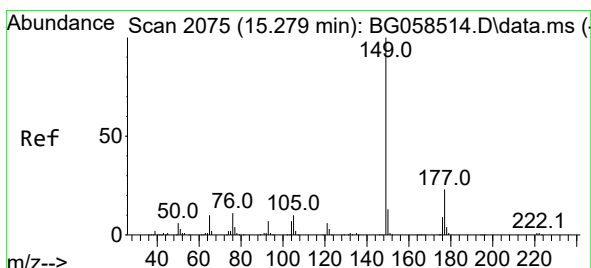
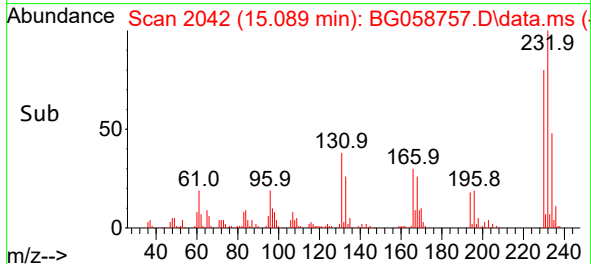
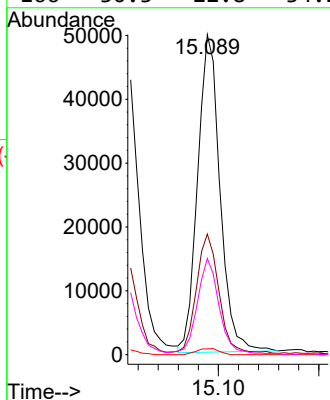
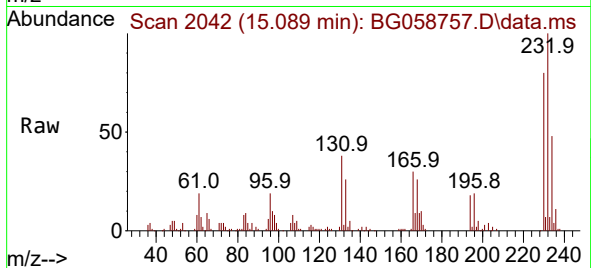




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.349 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

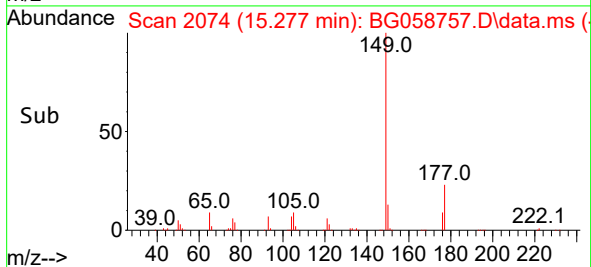
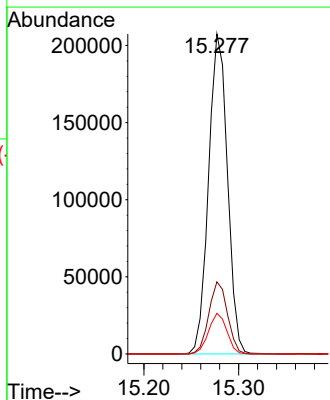
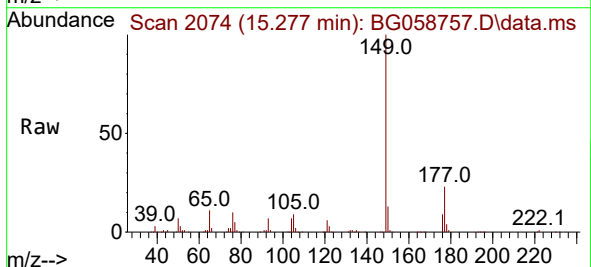
Instrument :
BNA_G
ClientSampleId :
PB154866BS

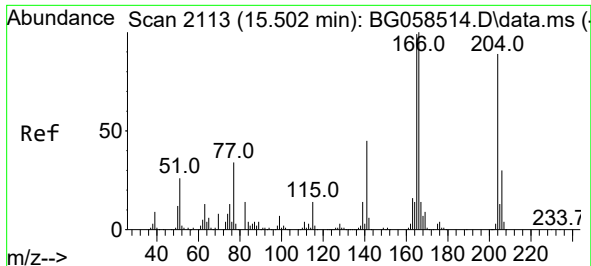
Tgt Ion:232 Resp: 77166
Ion Ratio Lower Upper
232 100
131 38.1 30.0 45.0
130 1.9 1.5 2.3
166 30.3 22.8 34.2



#60
Diethylphthalate
Concen: 49.932 ng
RT: 15.277 min Scan# 2074
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:149 Resp: 287288
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.7 10.2 15.4

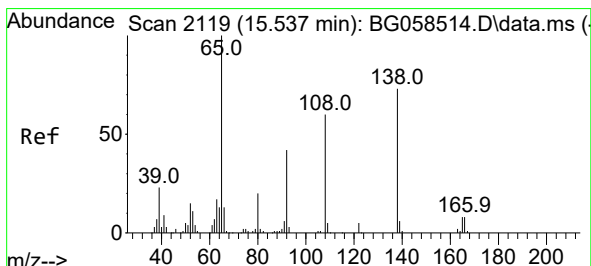
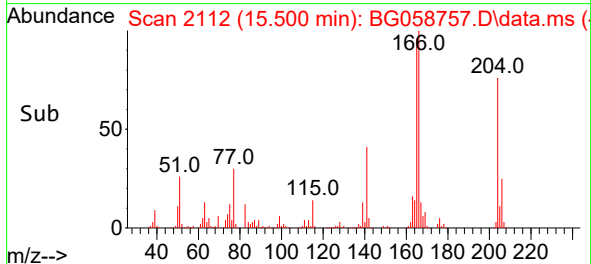
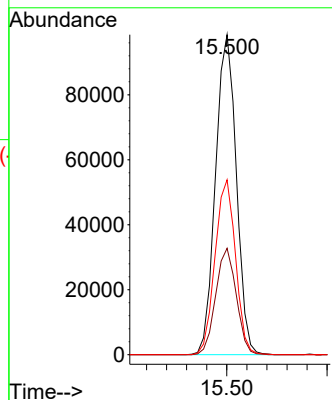
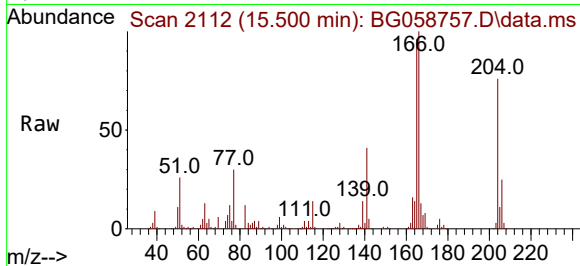




#61
4-Chlorophenyl-phenylether
Concen: 47.767 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

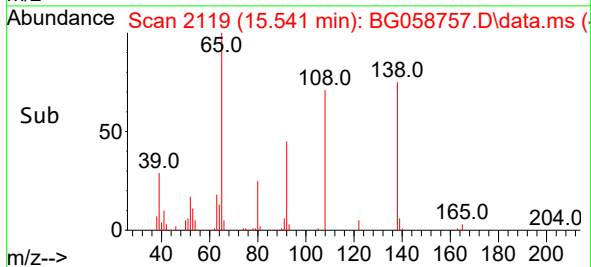
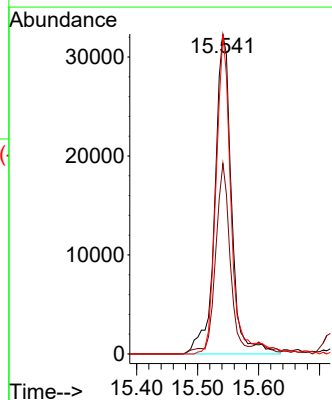
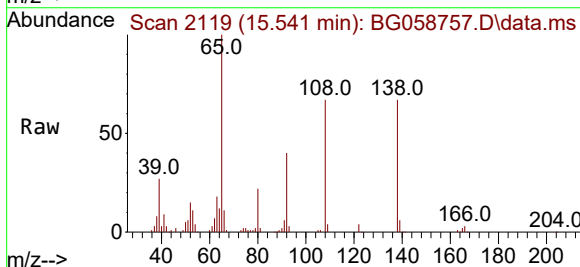
Instrument :
BNA_G
ClientSampleId :
PB154866BS

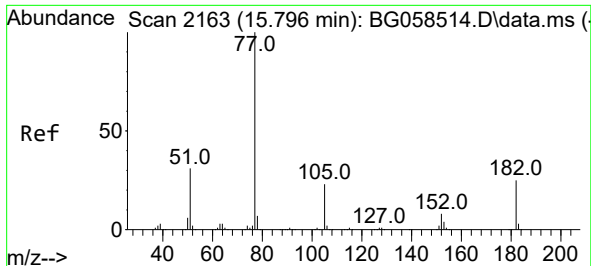
Tgt Ion:204 Resp: 141604
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 54.6 40.8 61.2



#62
4-Nitroaniline
Concen: 52.212 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:138 Resp: 61321
Ion Ratio Lower Upper
138 100
92 59.7 37.3 77.3
108 100.2 62.6 102.6

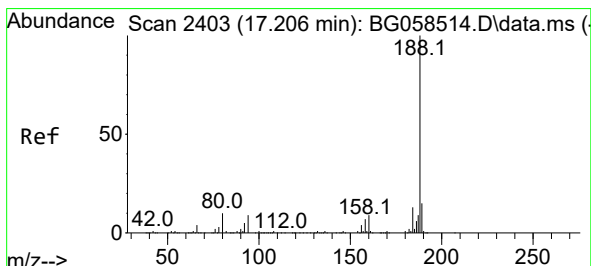
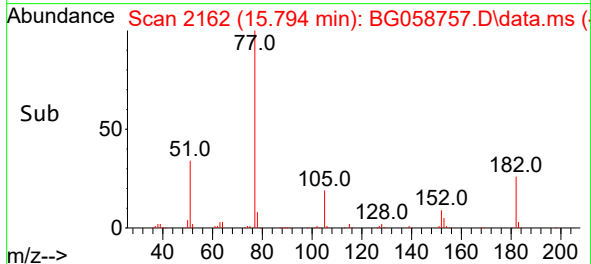
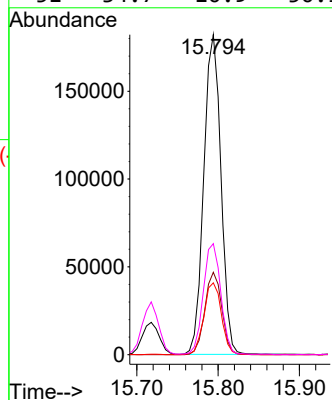
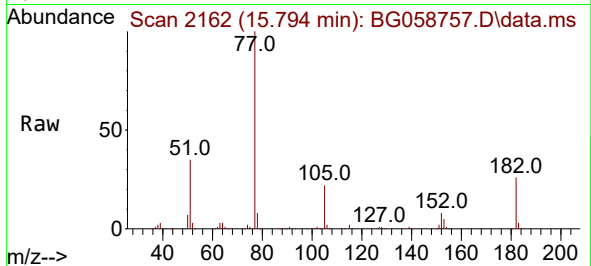




#63
Azobenzene
Concen: 47.093 ng
RT: 15.794 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

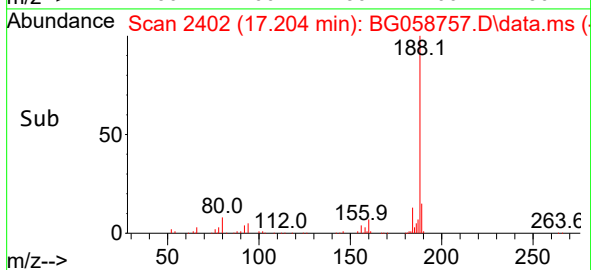
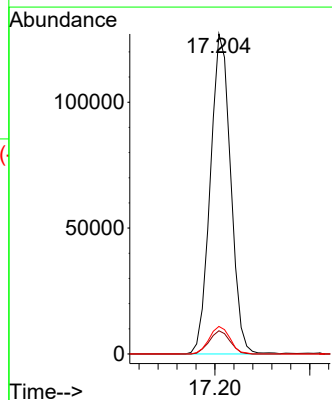
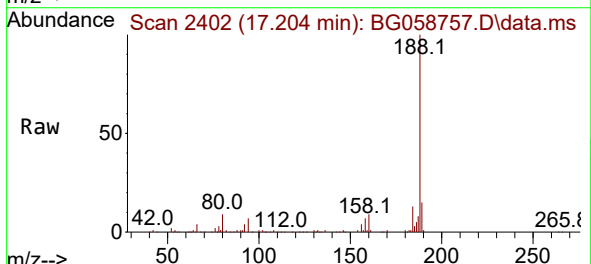
Instrument :
BNA_G
ClientSampleId :
PB154866BS

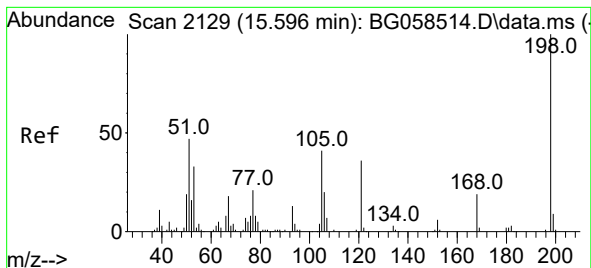
Tgt Ion: 77 Resp: 266880
Ion Ratio Lower Upper
77 100
182 25.8 4.6 44.6
105 22.5 3.3 43.3
51 34.7 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:188 Resp: 189457
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.6 8.1 12.1

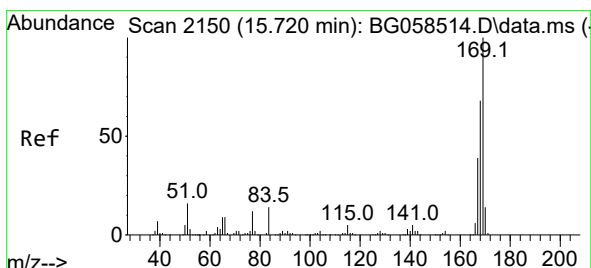
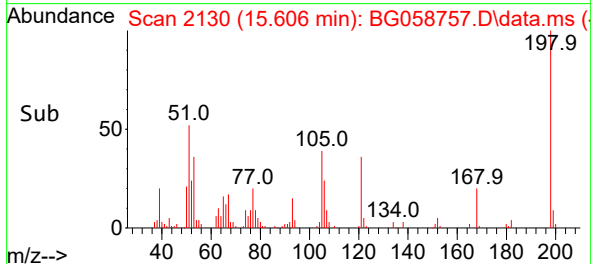
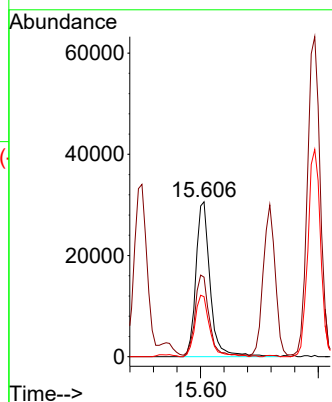
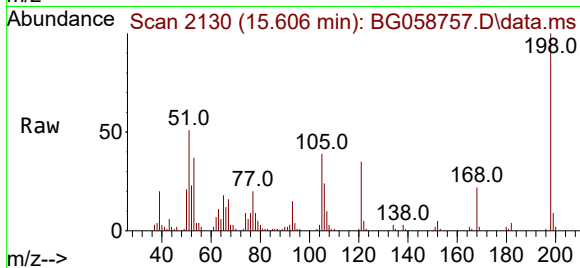




#65
4,6-Dinitro-2-methylphenol
Concen: 49.184 ng
RT: 15.606 min Scan# 2119
Delta R.T. 0.010 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

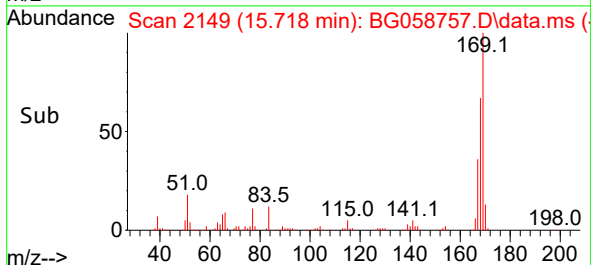
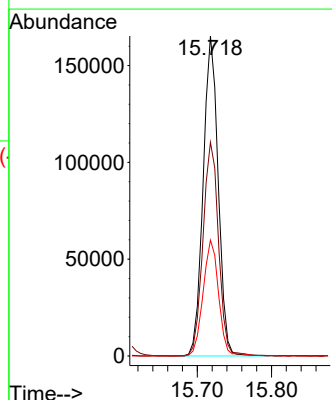
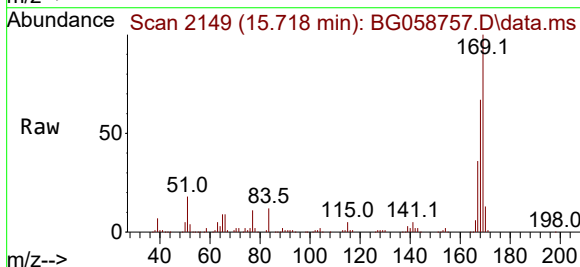
Instrument :
BNA_G
ClientSampleId :
PB154866BS

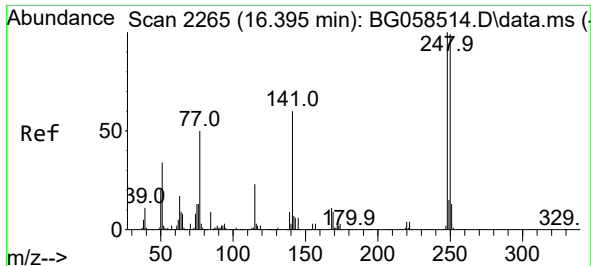
Tgt Ion:198 Resp: 51380
Ion Ratio Lower Upper
198 100
51 51.3 29.3 69.3
105 38.7 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 47.351 ng
RT: 15.718 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:169 Resp: 233488
Ion Ratio Lower Upper
169 100
168 66.8 54.6 82.0
167 36.2 31.3 46.9

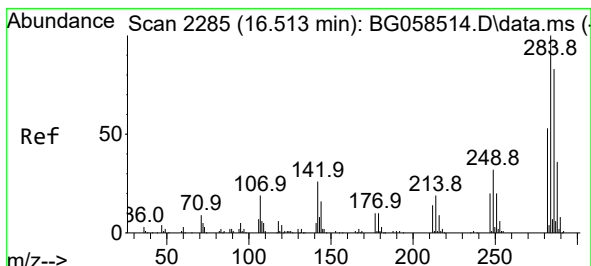
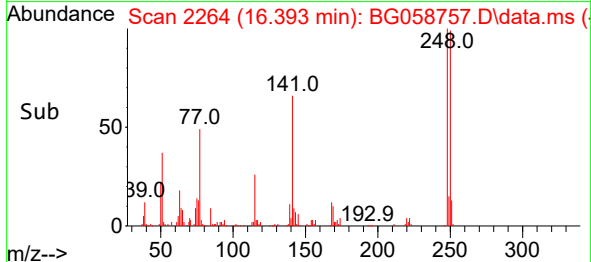
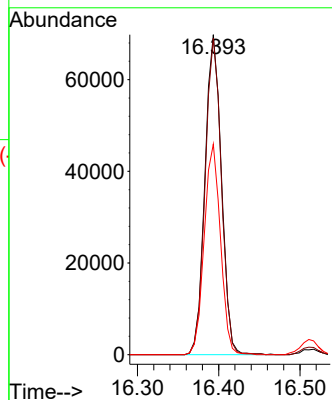
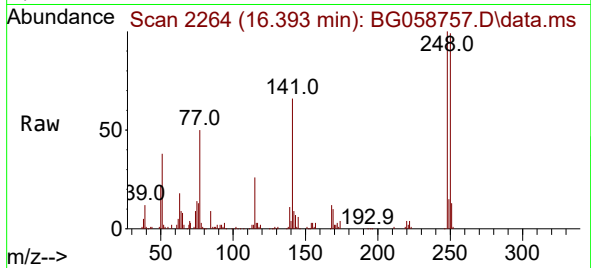




#67
4-Bromophenyl-phenylether
Concen: 45.668 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

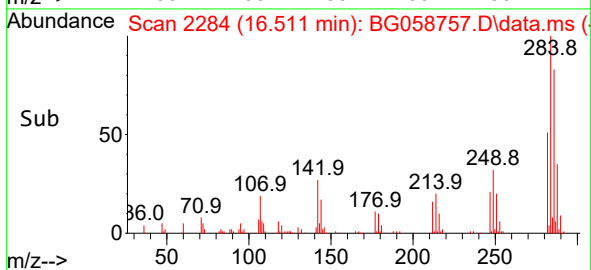
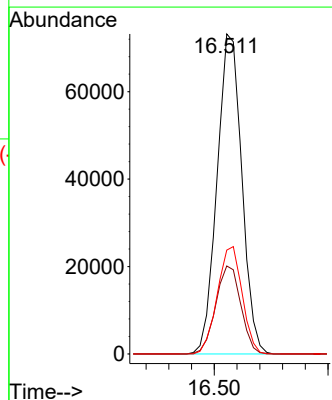
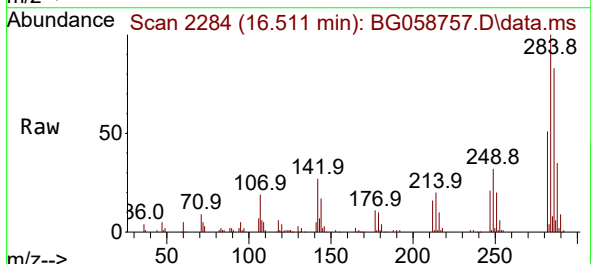
Instrument :
BNA_G
ClientSampleId :
PB154866BS

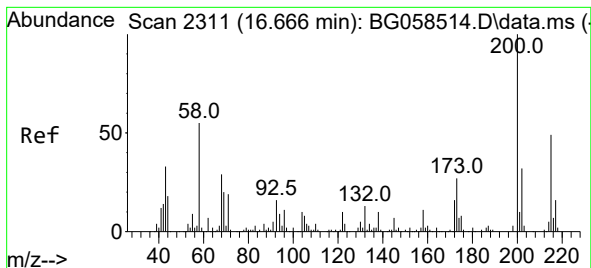
Tgt Ion:248 Resp: 98134
Ion Ratio Lower Upper
248 100
250 98.9 79.5 119.3
141 65.8 48.2 72.2



#68
Hexachlorobenzene
Concen: 48.622 ng
RT: 16.511 min Scan# 2284
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:284 Resp: 110715
Ion Ratio Lower Upper
284 100
142 27.5 21.0 31.4
249 32.5 25.5 38.3





#69

Atrazine

Concen: 58.614 ng

RT: 16.670 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

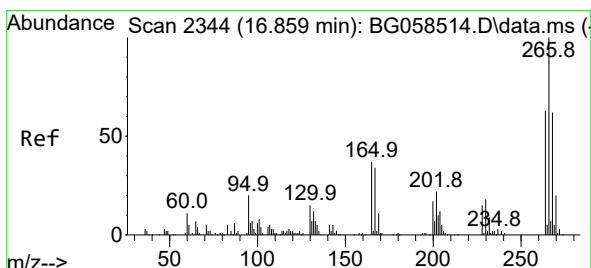
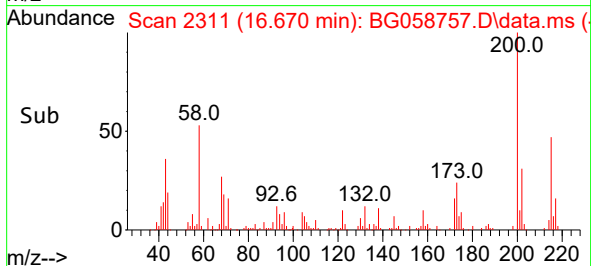
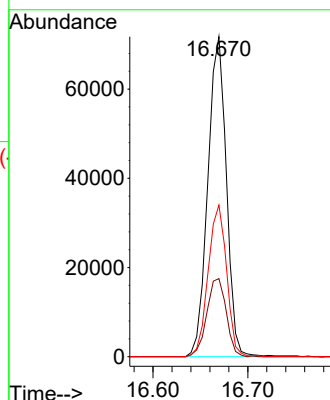
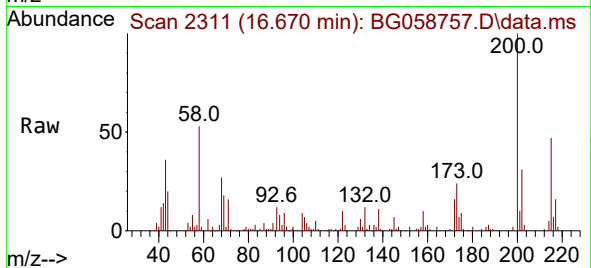
Tgt Ion:200 Resp: 97569

Ion Ratio Lower Upper

200 100

173 24.4 6.5 46.5

215 47.4 28.9 68.9



#70

Pentachlorophenol

Concen: 71.371 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

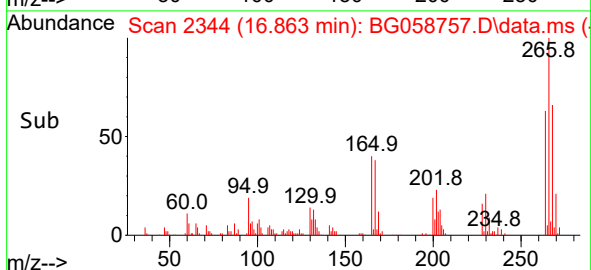
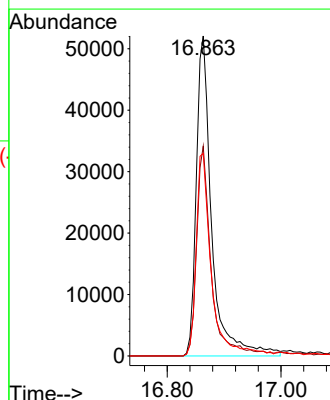
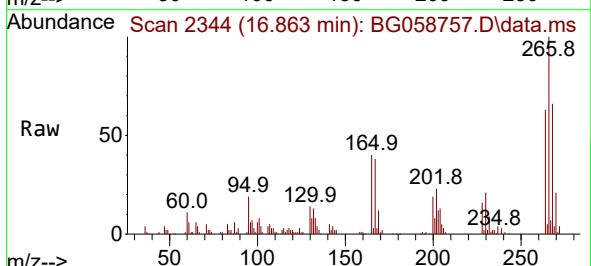
Tgt Ion:266 Resp: 98367

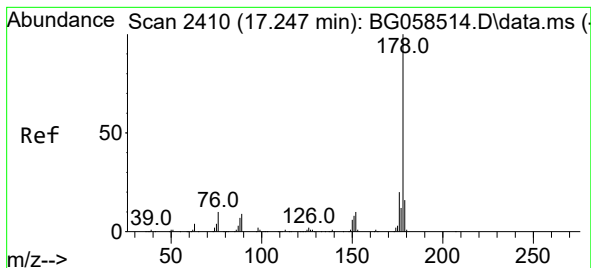
Ion Ratio Lower Upper

266 100

268 65.6 49.9 74.9

264 63.3 50.2 75.4





#71

Phenanthrene

Concen: 47.829 ng

RT: 17.251 min Scan# 2410

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

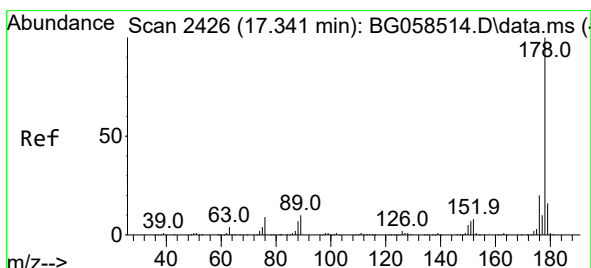
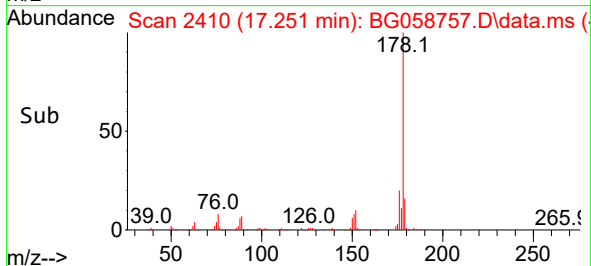
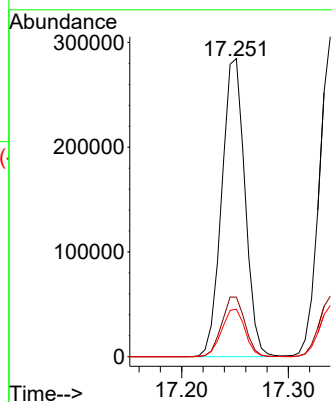
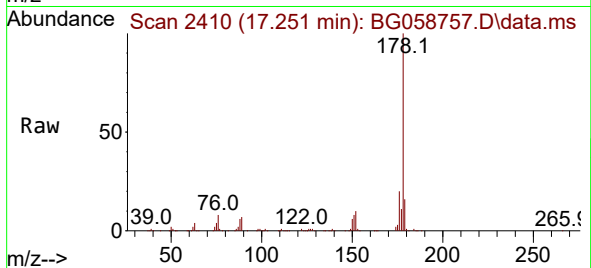
Tgt Ion:178 Resp: 429736

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

179 15.9 13.1 19.7



#72

Anthracene

Concen: 47.773 ng

RT: 17.339 min Scan# 2425

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

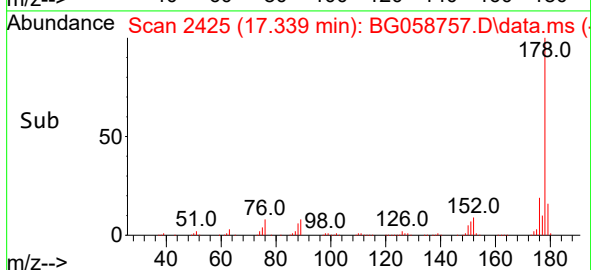
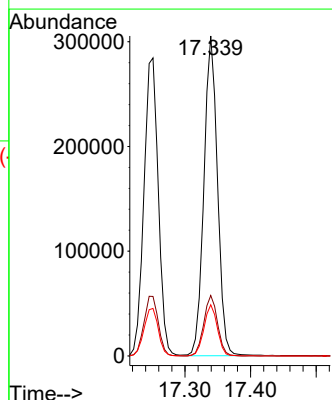
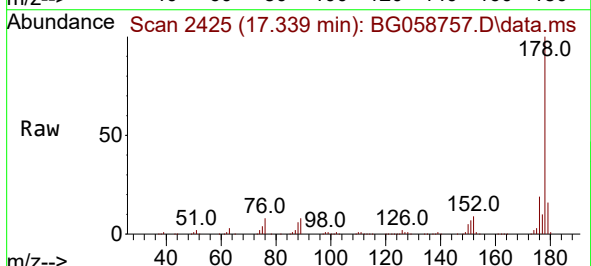
Tgt Ion:178 Resp: 440431

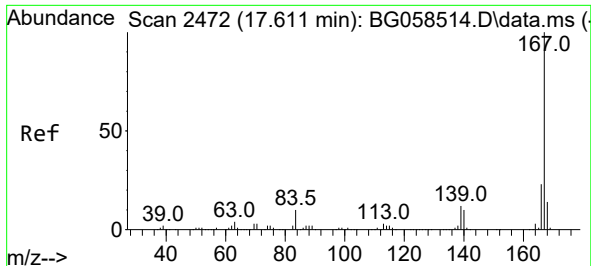
Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

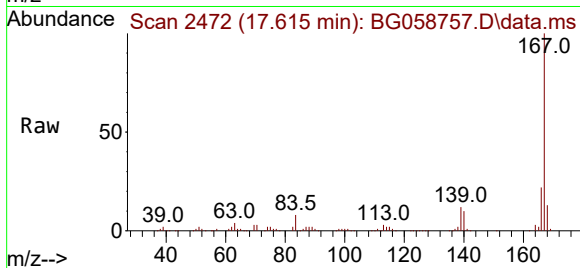
179 16.0 12.9 19.3



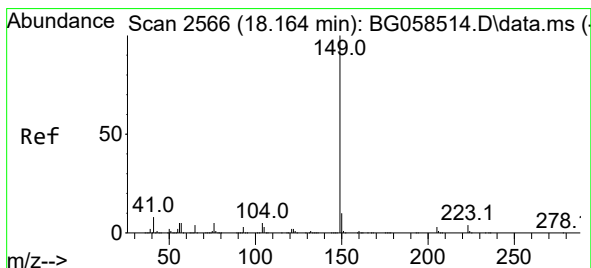
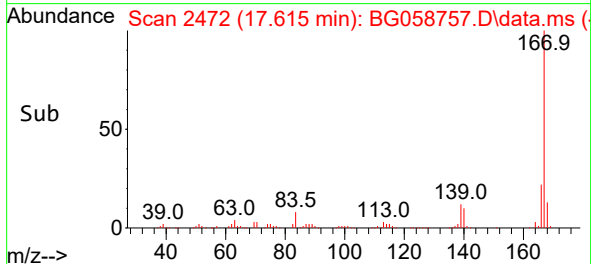
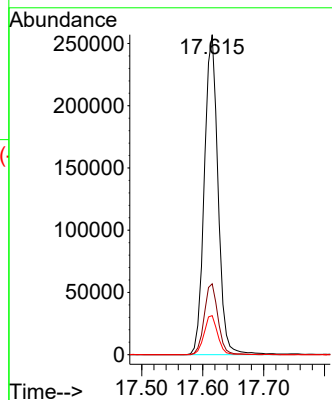


#73
 Carbazole
 Concen: 49.438 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.004 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

Instrument :
 BNA_G
 ClientSampleId :
 PB154866BS

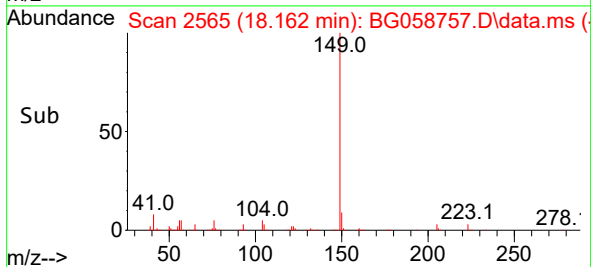
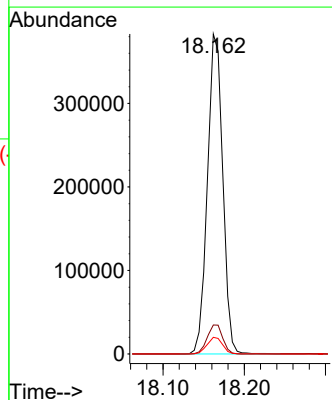
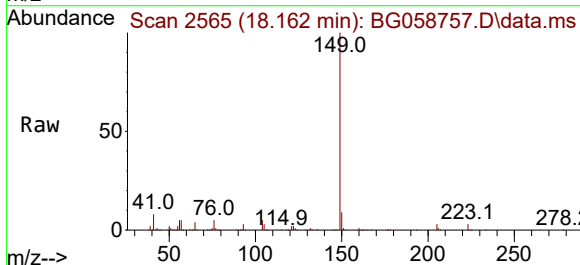


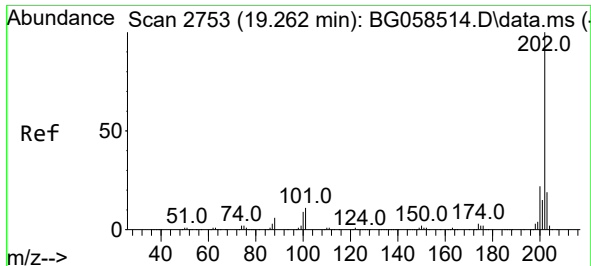
Tgt Ion:	167	Resp:	401916
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.4	27.6
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 49.173 ng
 RT: 18.162 min Scan# 2565
 Delta R.T. -0.002 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

Tgt Ion:	149	Resp:	500726
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	5.2	4.0	6.0

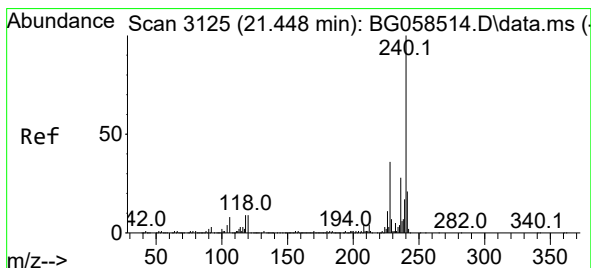
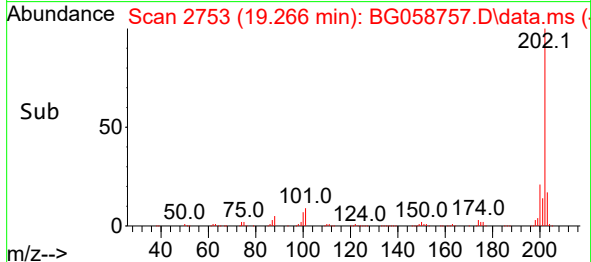
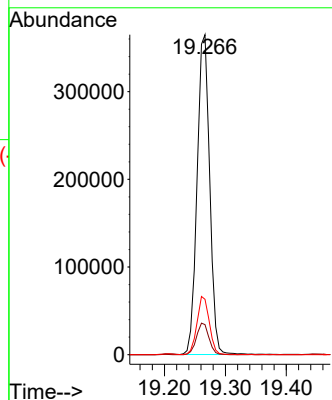
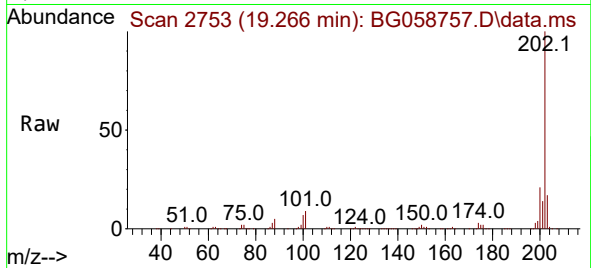




#75
Fluoranthene
Concen: 48.392 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

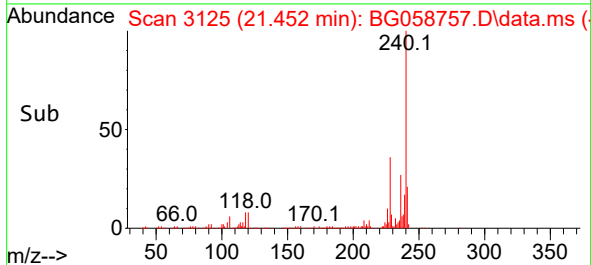
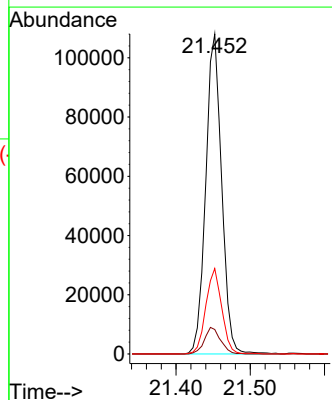
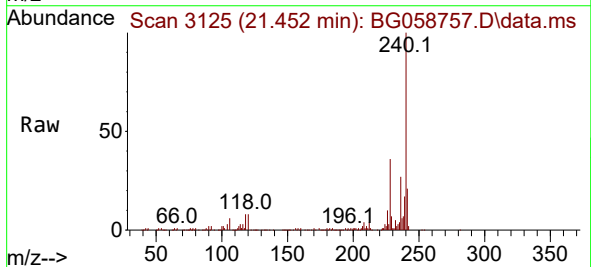
Instrument :
BNA_G
ClientSampleId :
PB154866BS

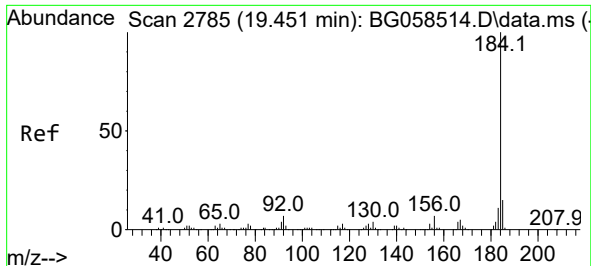
Tgt Ion:202 Resp: 522280
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 17.3 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:240 Resp: 161284
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 26.7 22.2 33.4

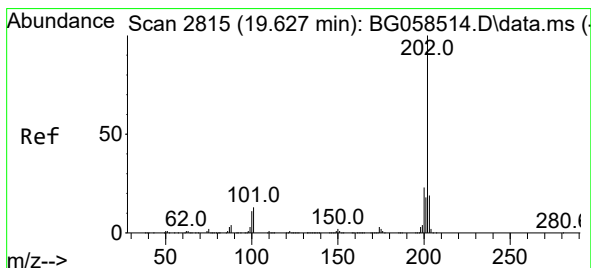
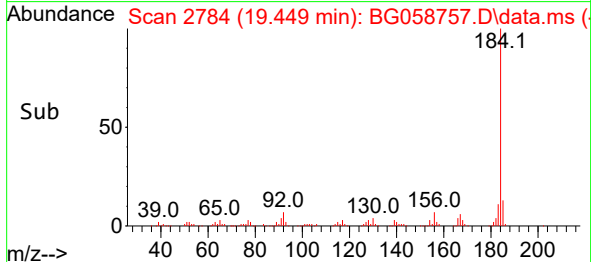
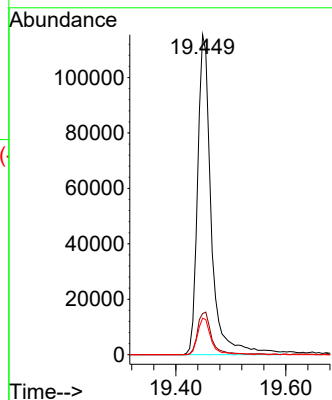
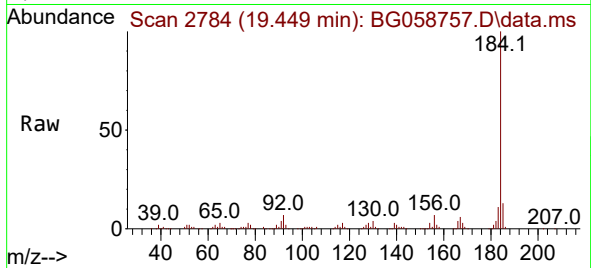




#77
Benzidine
Concen: 81.423 ng
RT: 19.449 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

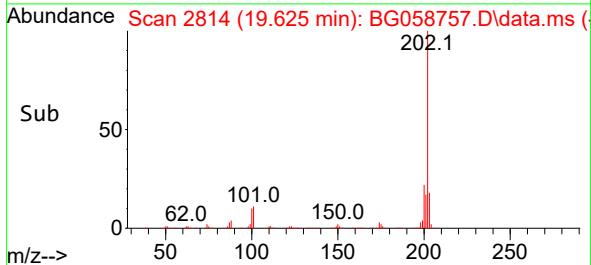
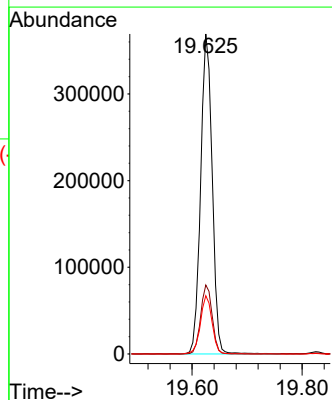
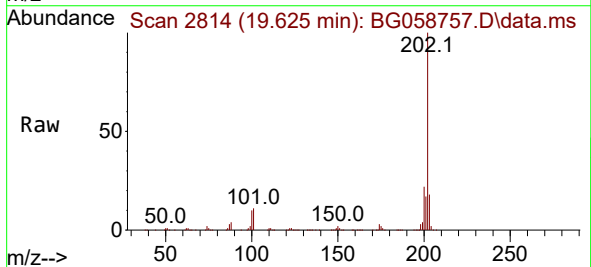
Instrument :
BNA_G
ClientSampleId :
PB154866BS

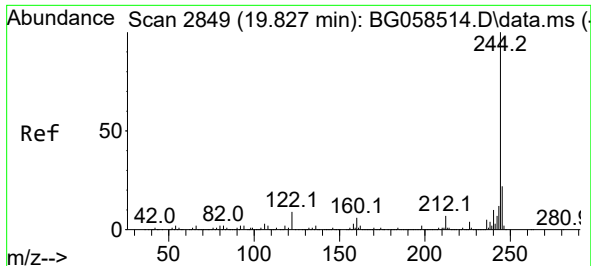
Tgt Ion:184 Resp: 199137
Ion Ratio Lower Upper
184 100
185 12.9 11.9 17.9
183 11.4 8.7 13.1



#78
Pyrene
Concen: 49.105 ng
RT: 19.625 min Scan# 2814
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:202 Resp: 538986
Ion Ratio Lower Upper
202 100
200 21.6 18.2 27.2
203 18.2 15.1 22.7

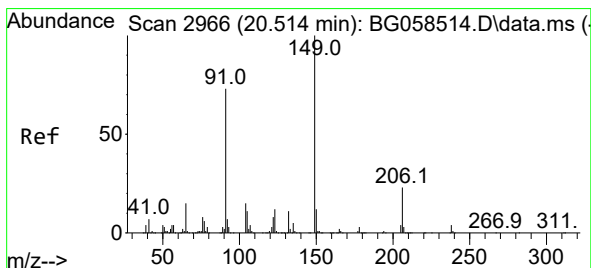
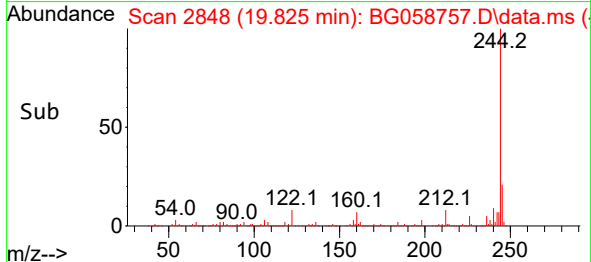
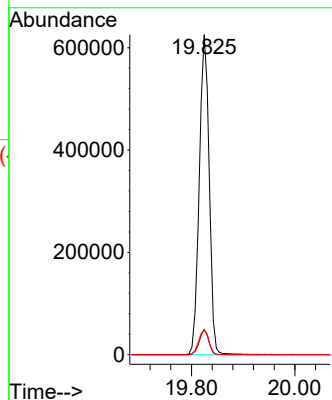
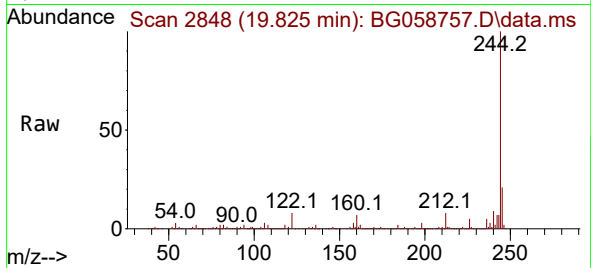




#79
 Terphenyl-d14
 Concen: 97.141 ng
 RT: 19.825 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

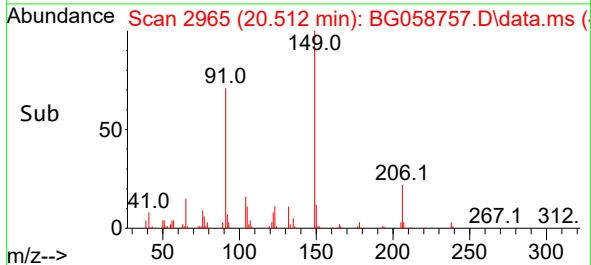
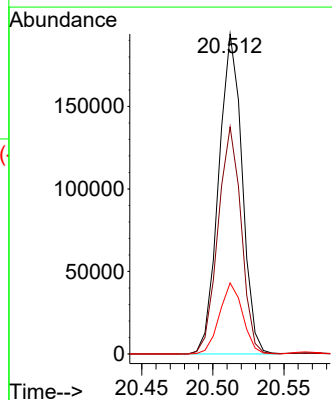
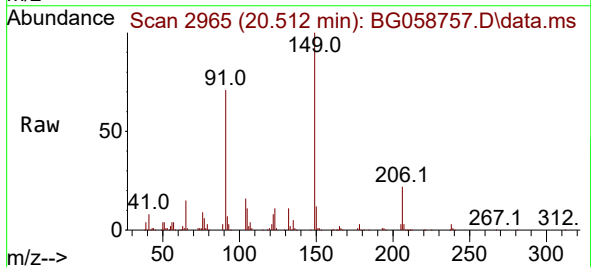
Instrument :
 BNA_G
 ClientSampleId :
 PB154866BS

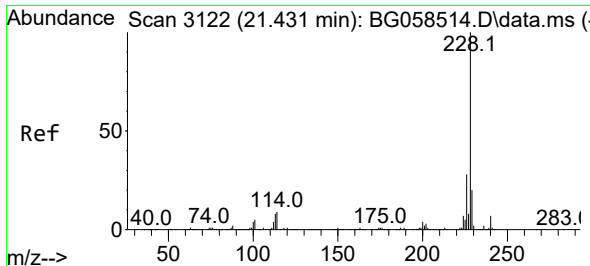
Tgt Ion:244 Resp: 833132
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 7.9 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 49.295 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

Tgt Ion:149 Resp: 222251
 Ion Ratio Lower Upper
 149 100
 91 71.0 58.4 87.6
 206 22.2 18.3 27.5

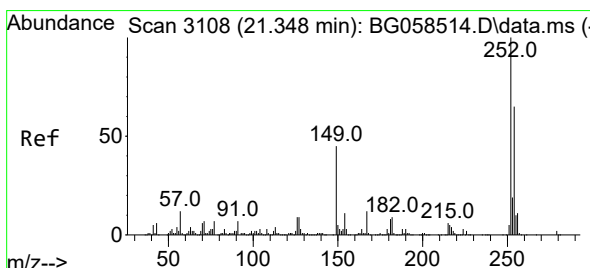
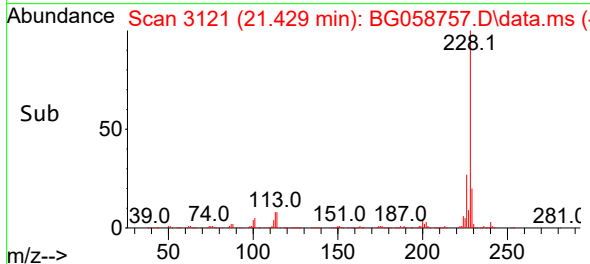
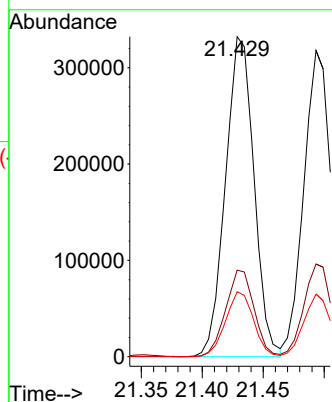
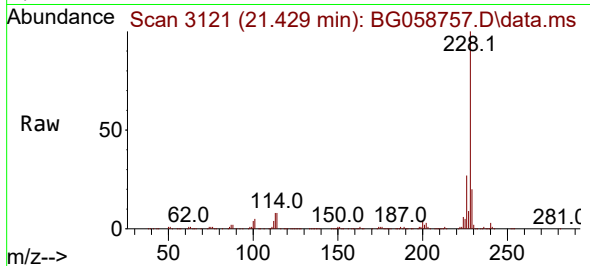




#81
 Benzo(a)anthracene
 Concen: 48.734 ng
 RT: 21.429 min Scan# 3122
 Delta R.T. -0.002 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

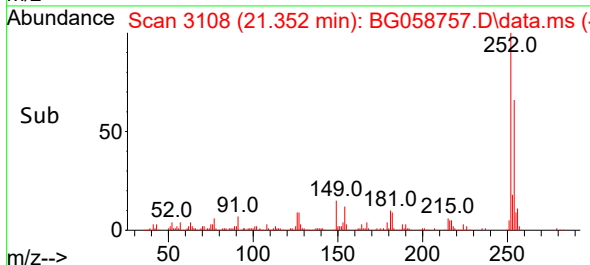
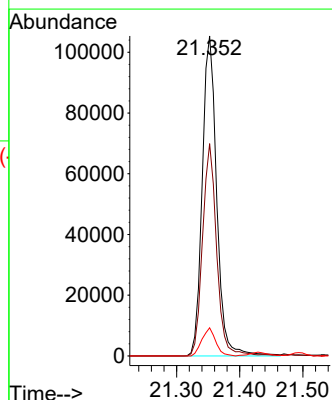
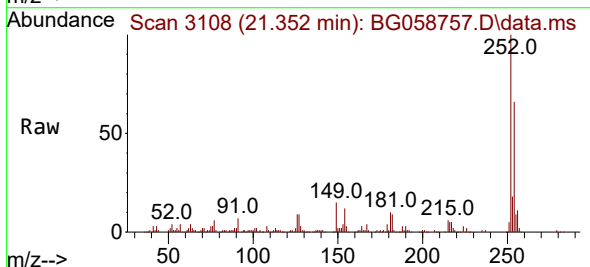
Instrument :
 BNA_G
 ClientSampleId :
 PB154866BS

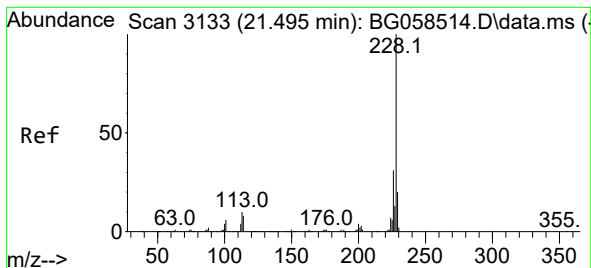
Tgt Ion:228 Resp: 540914
 Ion Ratio Lower Upper
 228 100
 226 27.1 22.6 33.8
 229 20.3 16.3 24.5



#82
 3,3'-Dichlorobenzidine
 Concen: 44.602 ng
 RT: 21.352 min Scan# 3108
 Delta R.T. 0.004 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

Tgt Ion:252 Resp: 167383
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.2 78.4
 126 8.8 7.2 10.8





#83

Chrysene

Concen: 47.199 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

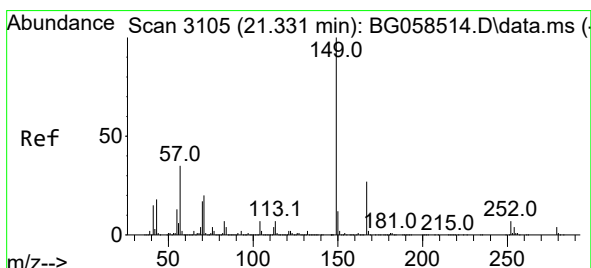
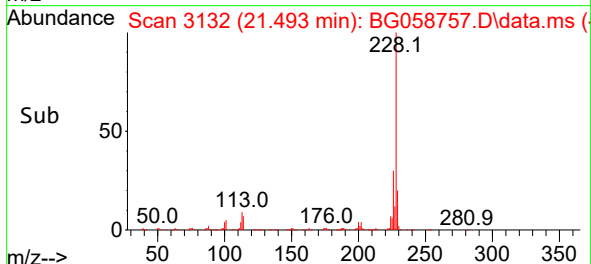
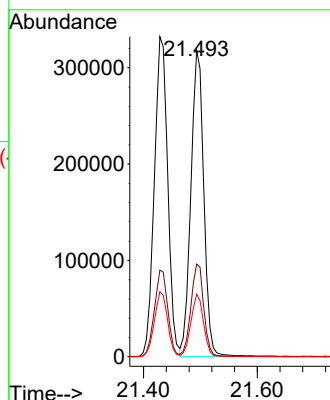
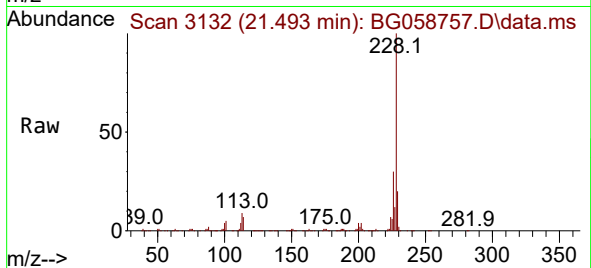
Tgt Ion:228 Resp: 502297

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 20.4 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.191 ng

RT: 21.335 min Scan# 3105

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

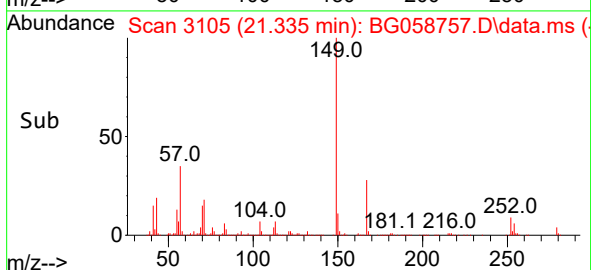
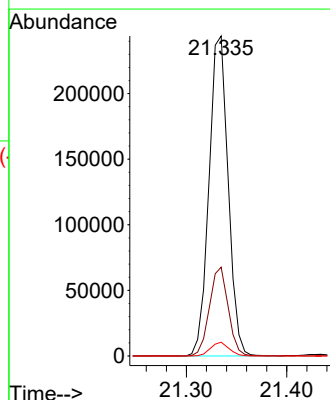
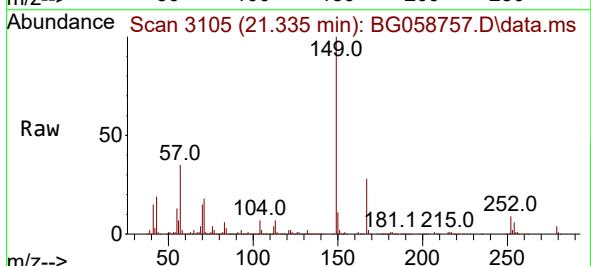
Tgt Ion:149 Resp: 324097

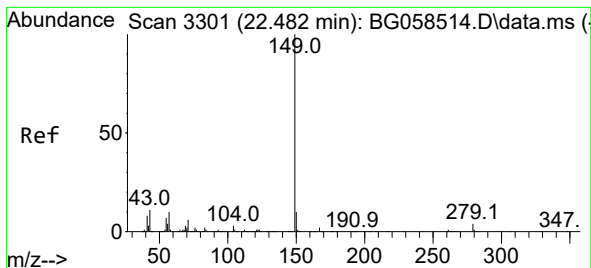
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 49.290 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

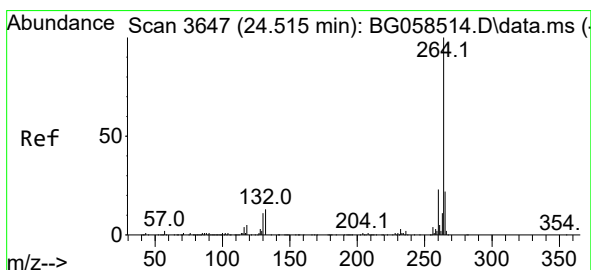
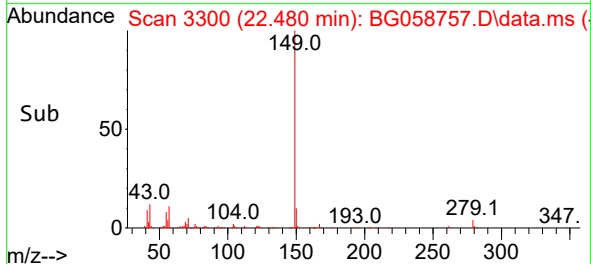
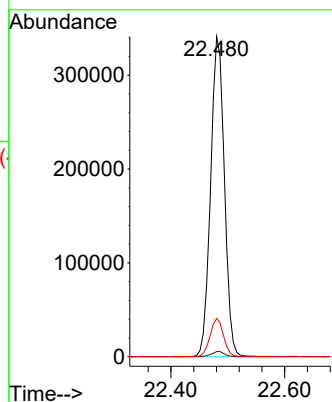
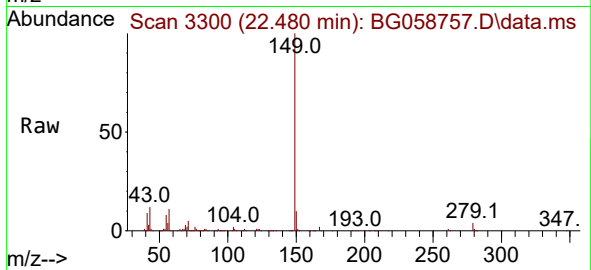
Tgt Ion:149 Resp: 570955

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.519 min Scan# 3647

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

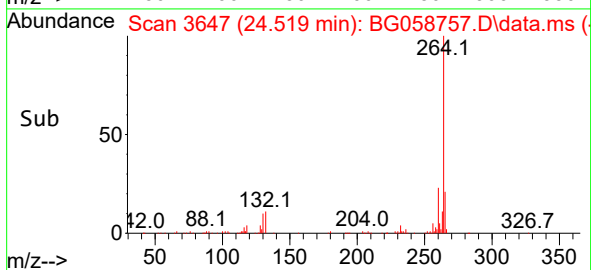
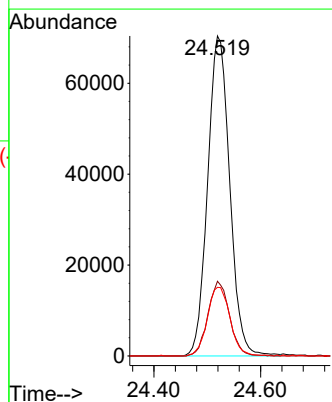
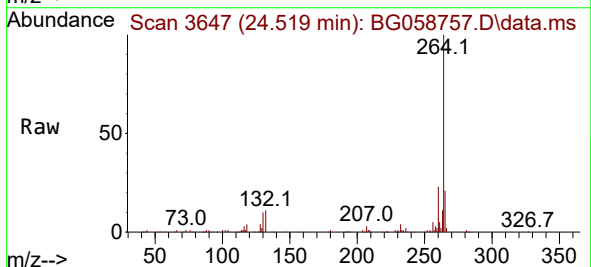
Tgt Ion:264 Resp: 202390

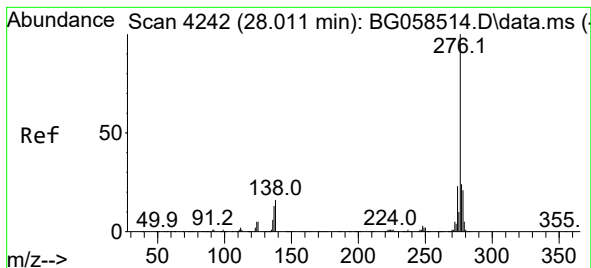
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.5 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.641 ng

RT: 28.027 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

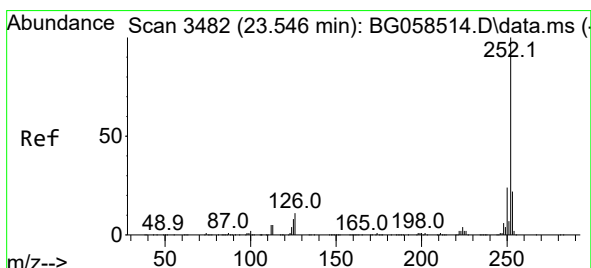
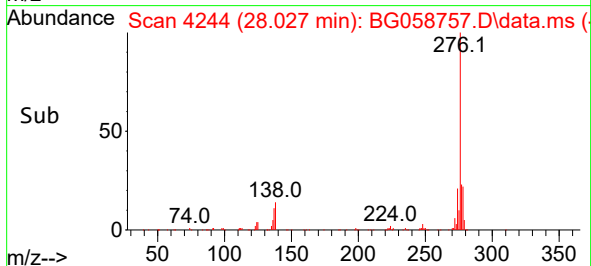
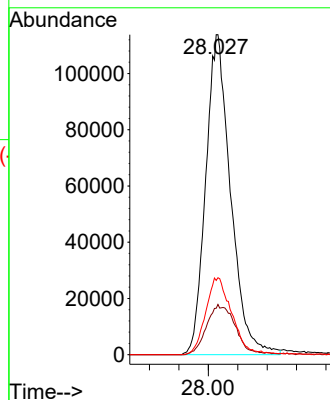
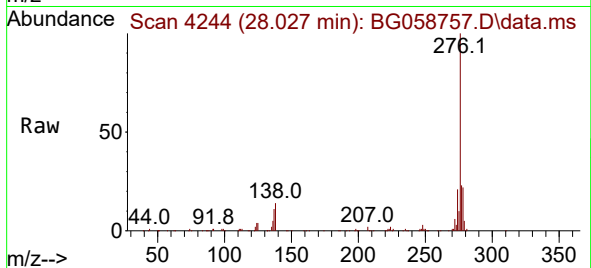
Tgt Ion:276 Resp: 668379

Ion Ratio Lower Upper

276 100

138 17.9 16.0 24.0

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 51.704 ng

RT: 23.550 min Scan# 3482

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

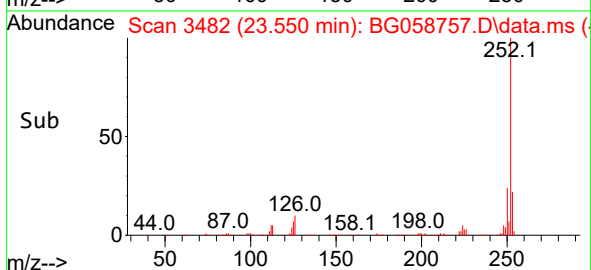
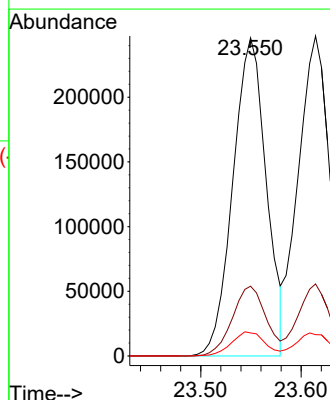
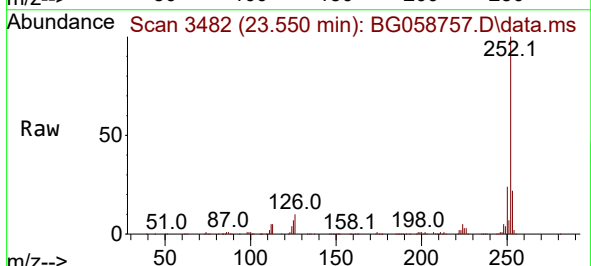
Tgt Ion:252 Resp: 567562

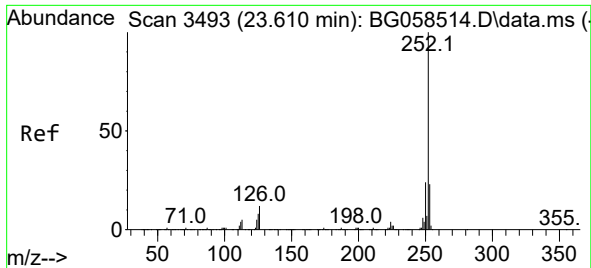
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.3 6.6 9.8

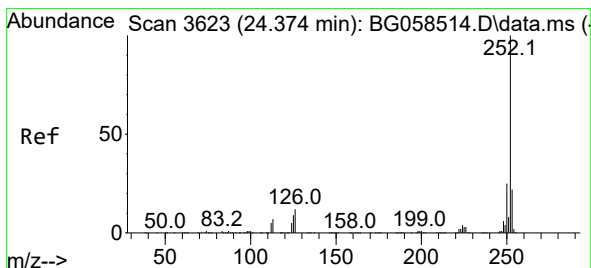
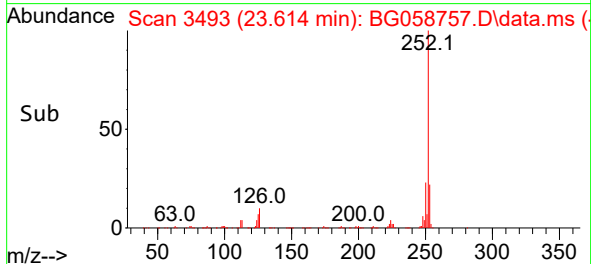
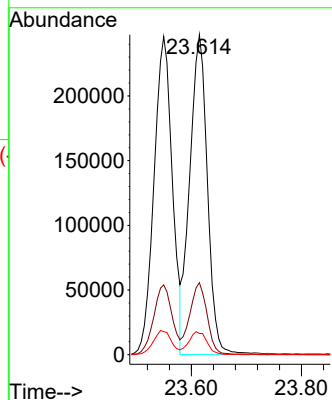
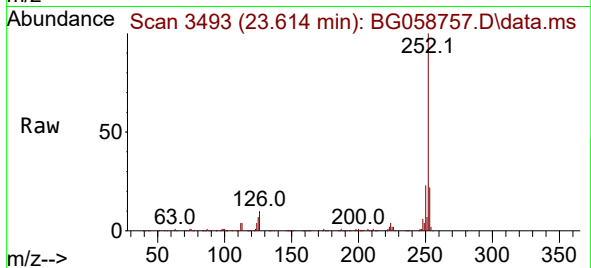




#89
Benzo(k)fluoranthene
Concen: 49.945 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

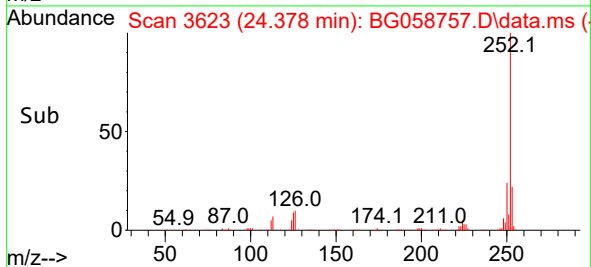
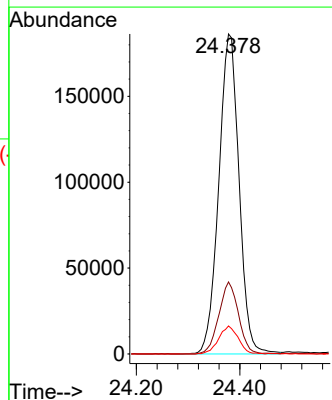
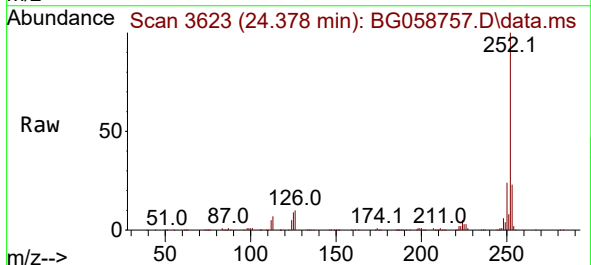
Instrument :
BNA_G
ClientSampleId :
PB154866BS

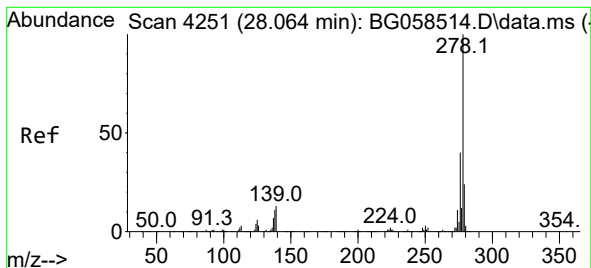
Tgt Ion:252 Resp: 550778
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 6.7 6.6 10.0



#90
Benzo(a)pyrene
Concen: 46.986 ng
RT: 24.378 min Scan# 3623
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:252 Resp: 506525
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.8 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 49.755 ng

RT: 28.080 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

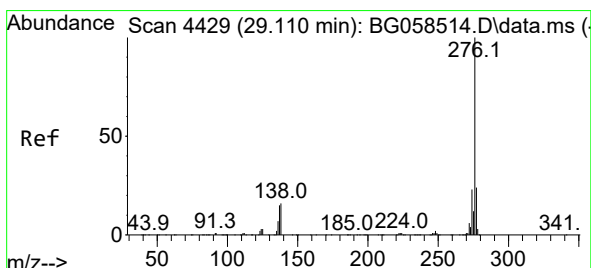
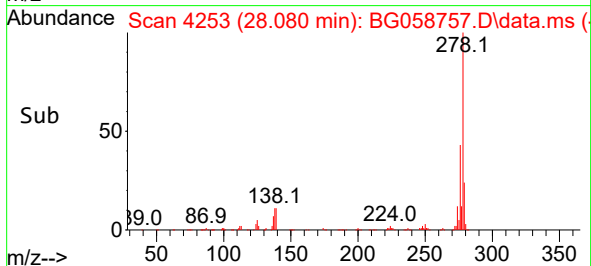
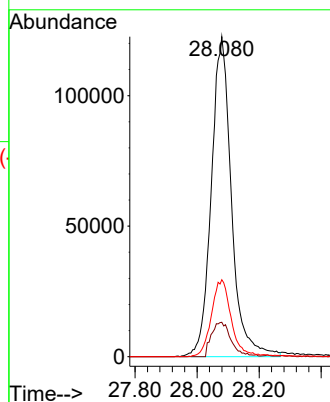
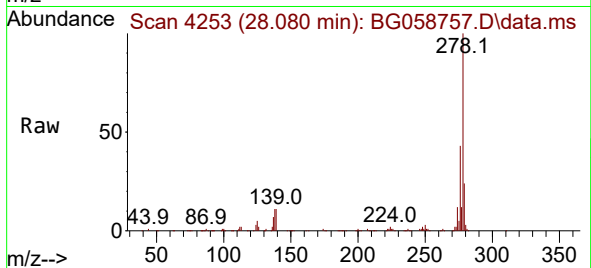
Tgt Ion:278 Resp: 553931

Ion Ratio Lower Upper

278 100

139 10.8 10.4 15.6

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 47.337 ng

RT: 29.120 min Scan# 4430

Delta R.T. 0.010 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Tgt Ion:276 Resp: 528459

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 15.6 13.0 19.4

