

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058652.D
 Acq On : 9 Aug 2023 9:48
 Operator : MA/JU
 Sample : PB154669BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154669BS

Quant Time: Aug 09 10:37:01 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	7.811	152	51649	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	219162	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	145724	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	348605	20.000	ng	0.00
76) Chrysene-d12	21.454	240	309016	20.000	ng	0.00
86) Perylene-d12	24.521	264	394752	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	486542	143.983	ng	0.00
7) Phenol-d6	6.989	99	651858	138.633	ng	0.00
23) Nitrobenzene-d5	8.980	82	393219	88.140	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	305341	127.837	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	851256	87.541	ng	0.00
79) Terphenyl-d14	19.826	244	1561656	95.035	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.263	88	57952	35.392	ng 98
3) Pyridine	3.663	79	151845	34.014	ng 99
4) n-Nitrosodimethylamine	3.581	42	90903	48.058	ng 95
6) Aniline	7.135	93	253106	43.721	ng 99
8) 2-Chlorophenol	7.376	128	181632	54.790	ng 98
9) Benzaldehyde	6.947	77	97832	38.296	ng 99
10) Phenol	7.018	94	243834	53.086	ng 97
11) bis(2-Chloroethyl)ether	7.235	93	177094	48.906	ng 97
12) 1,3-Dichlorobenzene	7.699	146	176415	49.837	ng 98
13) 1,4-Dichlorobenzene	7.846	146	179351	50.460	ng 99
14) 1,2-Dichlorobenzene	8.164	146	174654	51.396	ng 98
15) Benzyl Alcohol	8.052	79	169576	56.868	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	304981	51.849	ng 99
17) 2-Methylphenol	8.263	107	166109	49.460	ng 99
18) Hexachloroethane	8.886	117	65920	51.026	ng 94
19) n-Nitroso-di-n-propyla...	8.622	70	145103	47.776	ng 99
20) 3+4-Methylphenols	8.593	107	229147	50.442	ng 99
22) Acetophenone	8.640	105	283663	48.338	ng # 100
24) Nitrobenzene	9.021	77	210339	46.376	ng 96
25) Isophorone	9.538	82	418583	45.410	ng 100
26) 2-Nitrophenol	9.732	139	95341	48.291	ng 97
27) 2,4-Dimethylphenol	9.791	122	156590	47.817	ng 100
28) bis(2-Chloroethoxy)met...	10.026	93	238779	47.600	ng 99
29) 2,4-Dichlorophenol	10.267	162	170280	50.079	ng 99
30) 1,2,4-Trichlorobenzene	10.479	180	188518	48.076	ng 100
31) Naphthalene	10.667	128	531574	46.019	ng 99
32) Benzoic acid	9.967	122	117112	46.954	ng 97
33) 4-Chloroaniline	10.778	127	174490	35.753	ng 98
34) Hexachlorobutadiene	10.943	225	118014	46.733	ng 99
35) Caprolactam	11.566	113	33137	26.391	ng 96
36) 4-Chloro-3-methylphenol	11.912	107	203789	48.450	ng 99
37) 2-Methylnaphthalene	12.276	142	363784	44.027	ng 99
38) 1-Methylnaphthalene	12.500	142	351069	44.697	ng 99
40) 1,2,4,5-Tetrachloroben...	12.652	216	210392	47.027	ng 98
41) Hexachlorocyclopentadiene	12.623	237	227065	106.779	ng 99
43) 2,4,6-Trichlorophenol	12.893	196	152343	49.507	ng 96

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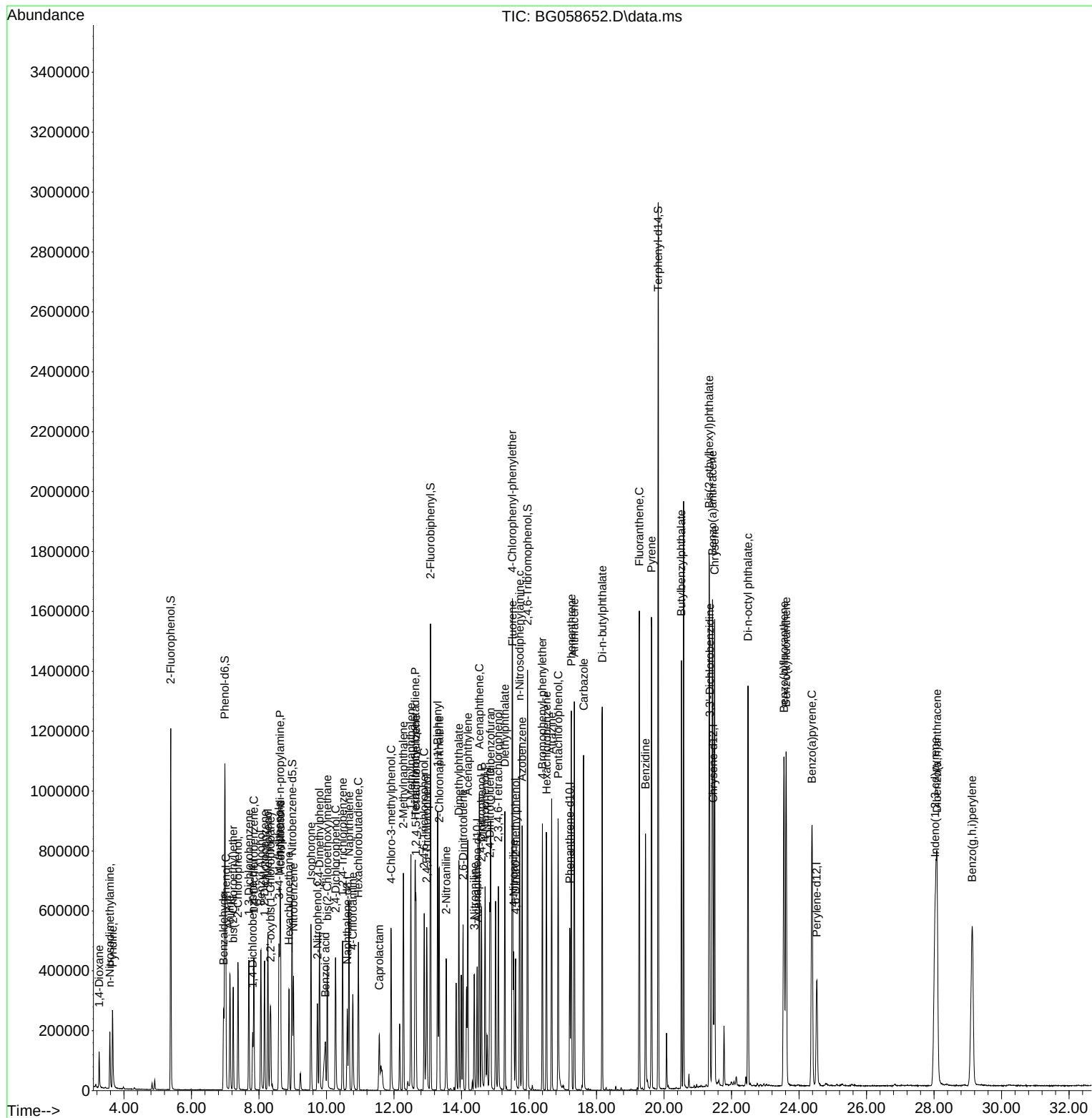
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	163307	45.057	ng	98
46) 1,1'-Biphenyl	13.293	154	477557	47.719	ng	98
47) 2-Chloronaphthalene	13.340	162	379255	48.604	ng	97
48) 2-Nitroaniline	13.546	65	147807	49.627	ng	96
49) Acenaphthylene	14.186	152	630182	48.238	ng	99
50) Dimethylphthalate	13.922	163	515784	47.128	ng	100
51) 2,6-Dinitrotoluene	14.045	165	115386	48.050	ng	95
52) Acenaphthene	14.527	154	354712	46.990	ng	99
53) 3-Nitroaniline	14.380	138	97244	40.475	ng	96
54) 2,4-Dinitrophenol	14.591	184	141617	102.312	ng	98
55) Dibenzofuran	14.862	168	596043	45.952	ng	99
56) 4-Nitrophenol	14.697	139	185133	102.994	ng	96
57) 2,4-Dinitrotoluene	14.838	165	168418	50.588	ng	97
58) Fluorene	15.514	166	475832	46.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	149027	48.185	ng	100
60) Diethylphthalate	15.285	149	526202	47.195	ng	100
61) 4-Chlorophenyl-phenyle...	15.502	204	266079	46.317	ng	98
62) 4-Nitroaniline	15.543	138	123730	54.365	ng	97
63) Azobenzene	15.796	77	516394	47.023	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	102825	53.494	ng	99
66) n-Nitrosodiphenylamine	15.719	169	435634	48.013	ng	98
67) 4-Bromophenyl-phenylether	16.395	248	183705	46.461	ng	99
68) Hexachlorobenzene	16.519	284	207586	49.546	ng	98
69) Atrazine	16.671	200	182284	59.513	ng	99
70) Pentachlorophenol	16.865	266	218136	86.016	ng	99
71) Phenanthrene	17.253	178	788505	47.695	ng	99
72) Anthracene	17.341	178	811039	47.811	ng	99
73) Carbazole	17.617	167	769111	51.415	ng	99
74) Di-n-butylphthalate	18.170	149	933134	49.802	ng	100
75) Fluoranthene	19.268	202	987312	49.716	ng	99
77) Benzidine	19.450	184	547031	116.739	ng	99
78) Pyrene	19.627	202	1013588	48.197	ng	100
80) Butylbenzylphthalate	20.514	149	422013	48.853	ng	99
81) Benzo(a)anthracene	21.436	228	1045896	49.181	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	339314	47.191	ng	99
83) Chrysene	21.501	228	976780	47.905	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	615328	48.745	ng	100
85) Di-n-octyl phthalate	22.488	149	1099530	49.542	ng	99
87) Indeno(1,2,3-cd)pyrene	28.029	276	1333195	50.766	ng	100
88) Benzo(b)fluoranthene	23.551	252	1131451	52.846	ng	99
89) Benzo(k)fluoranthene	23.616	252	1051159	48.871	ng	100
90) Benzo(a)pyrene	24.380	252	997176	47.425	ng	99
91) Dibenzo(a,h)anthracene	28.087	278	1105640	50.917	ng	98
92) Benzo(g,h,i)perylene	29.127	276	1084911	49.825	ng	99

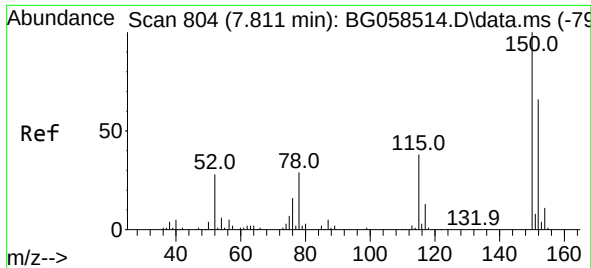
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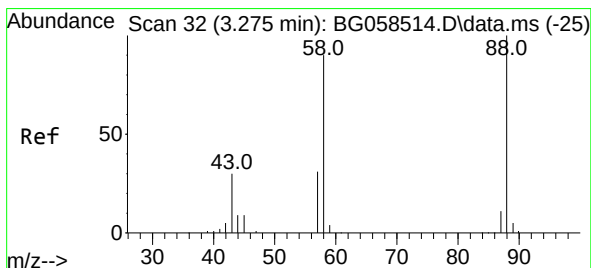
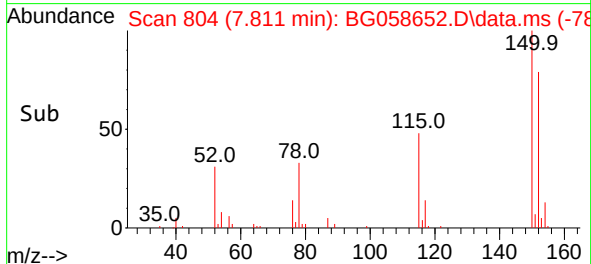
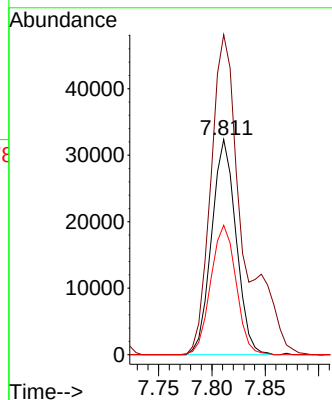
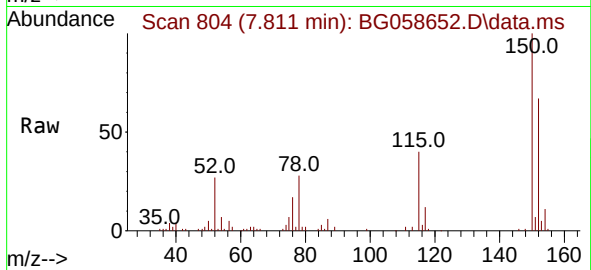




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

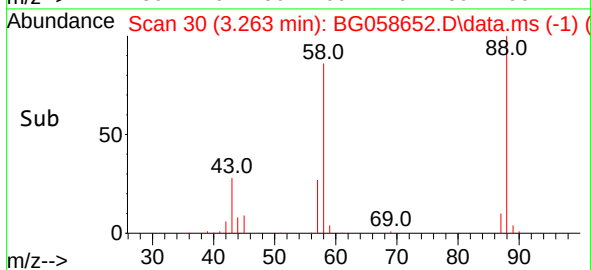
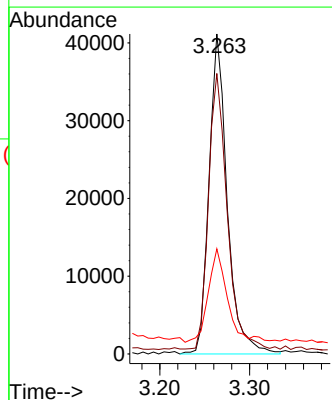
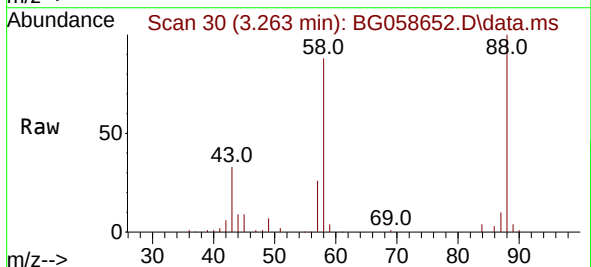
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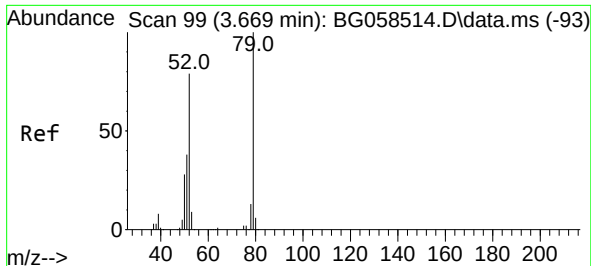
Tgt Ion:152 Resp: 51649
Ion Ratio Lower Upper
152 100
150 148.7 120.5 180.7
115 60.2 45.9 68.9



#2
1,4-Dioxane
Concen: 35.392 ng
RT: 3.263 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion: 88 Resp: 57952
Ion Ratio Lower Upper
88 100
58 87.6 68.9 103.3
43 30.8 22.9 34.3

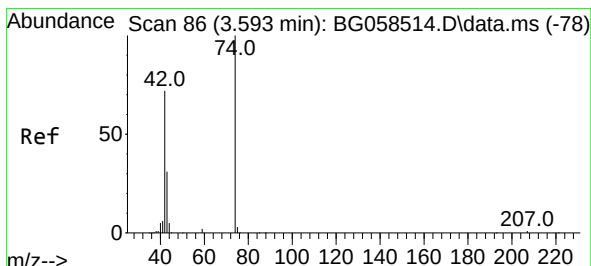
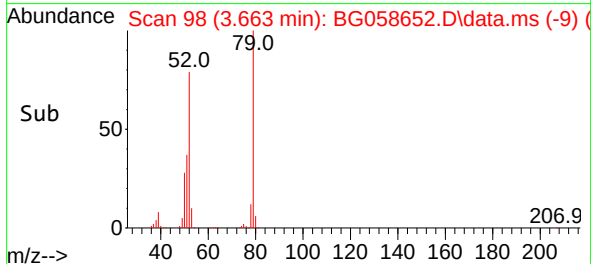
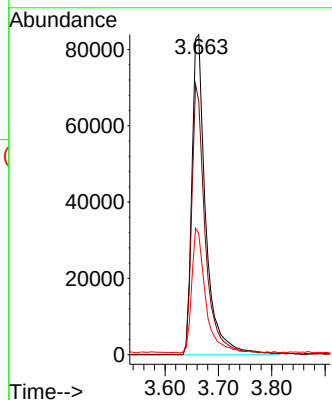
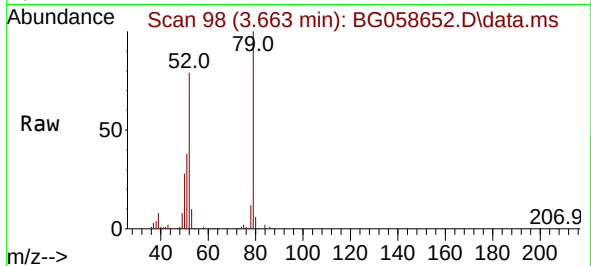




#3
Pyridine
Concen: 34.014 ng
RT: 3.663 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

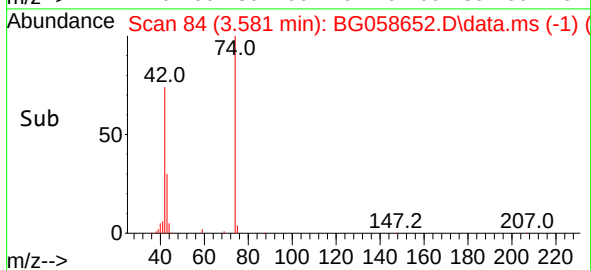
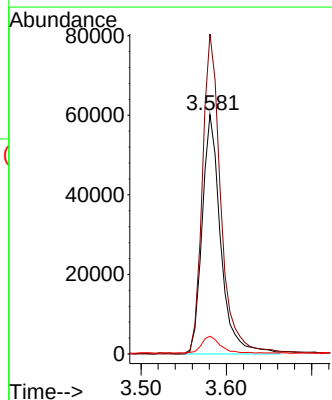
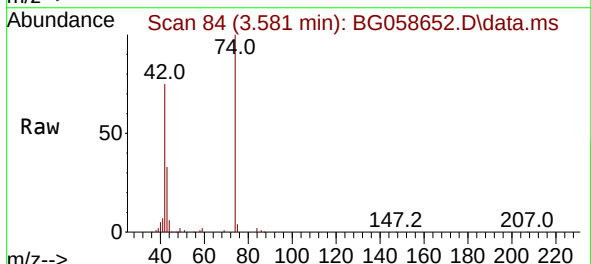
Instrument :
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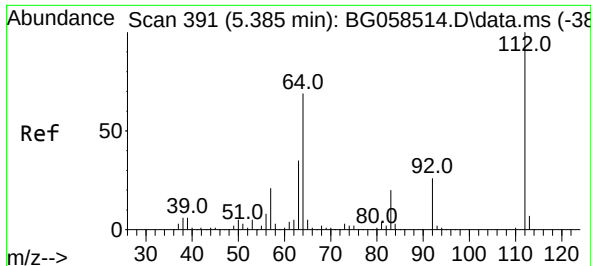
Tgt Ion: 79 Resp: 151845
Ion Ratio Lower Upper
79 100
52 79.2 63.2 94.8
51 37.8 31.9 47.9



#4
n-Nitrosodimethylamine
Concen: 48.058 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion: 42 Resp: 90903
Ion Ratio Lower Upper
42 100
74 133.7 111.5 167.3
44 7.5 5.4 8.2

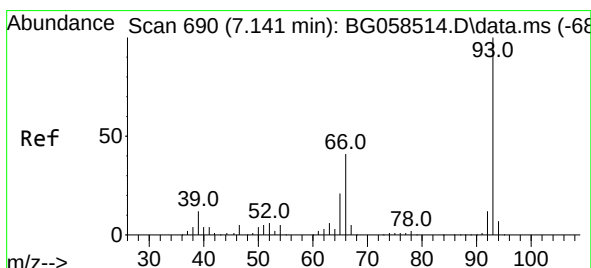
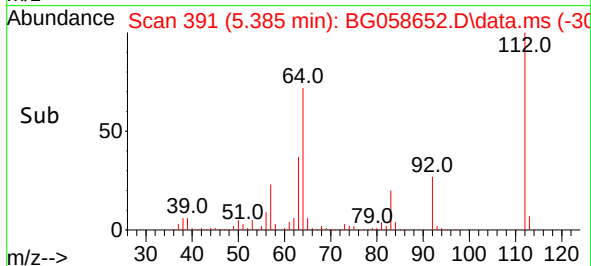
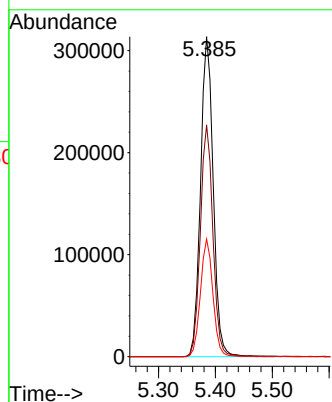
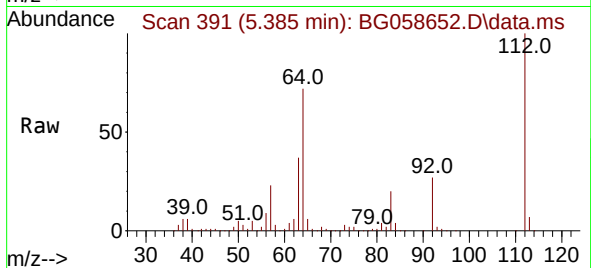




#5
2-Fluorophenol
Concen: 143.983 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

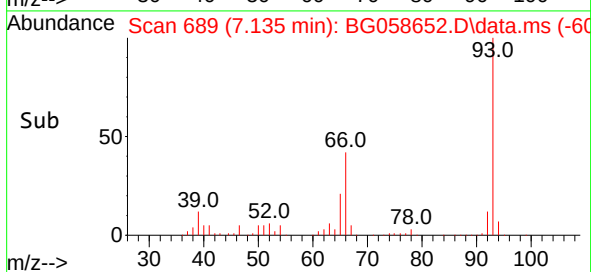
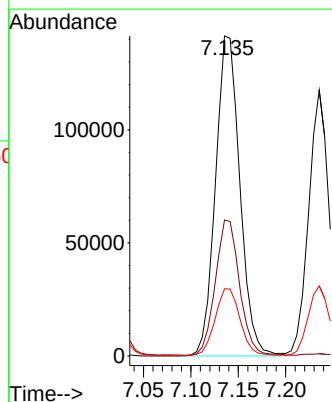
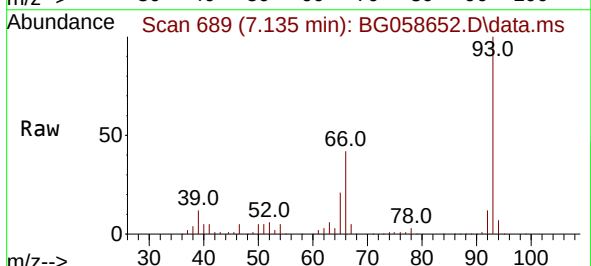
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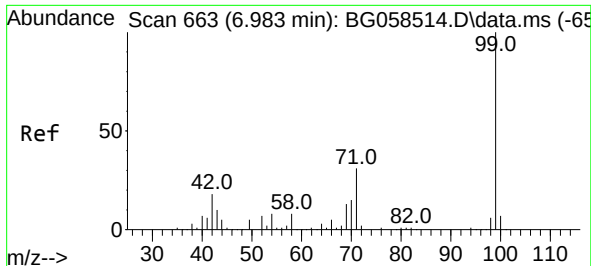
Tgt Ion:112 Resp: 486542
Ion Ratio Lower Upper
112 100
64 72.5 55.3 82.9
63 36.8 28.3 42.5



#6
Aniline
Concen: 43.721 ng
RT: 7.135 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion: 93 Resp: 253106
Ion Ratio Lower Upper
93 100
66 42.5 33.1 49.7
65 21.0 17.0 25.4

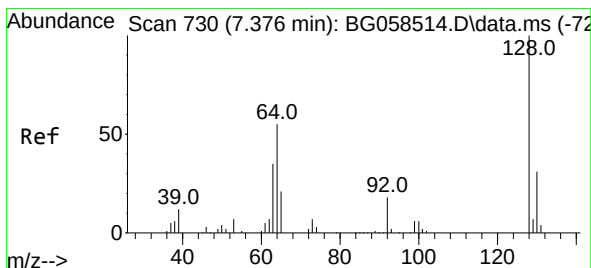
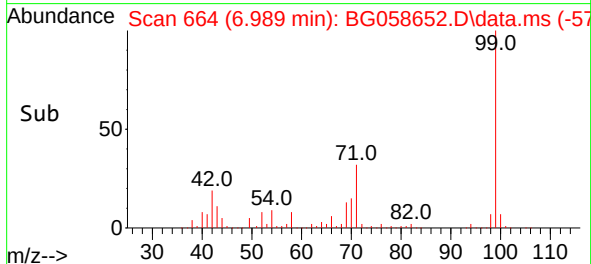
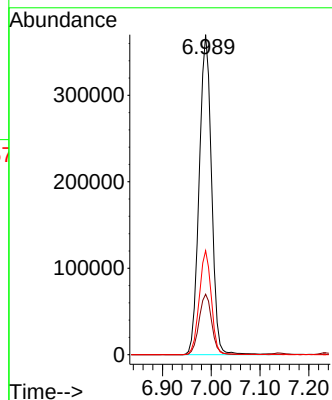
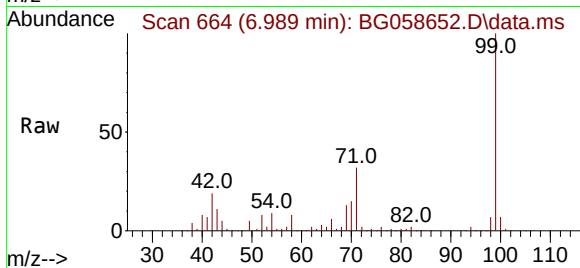




#7
Phenol-d6
Concen: 138.633 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058652.D
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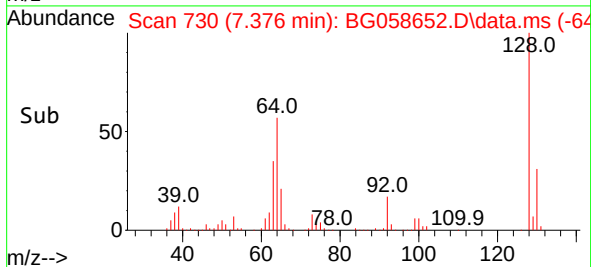
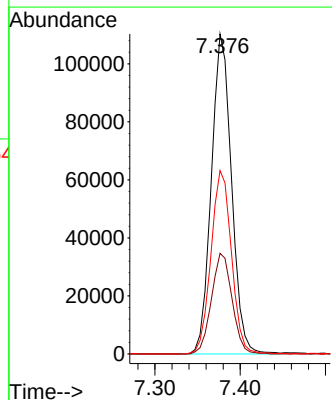
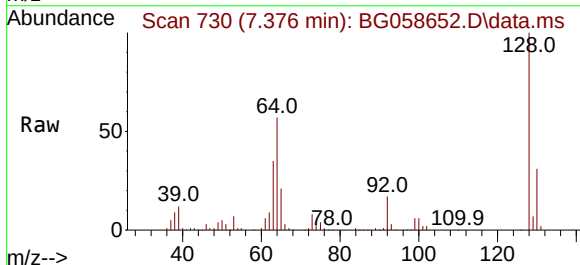
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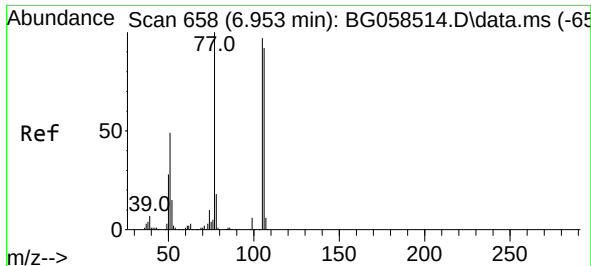
Tgt Ion: 99 Resp: 651858
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 32.5 25.0 37.4



#8
2-Chlorophenol
Concen: 54.790 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:128 Resp: 181632
Ion Ratio Lower Upper
128 100
130 31.5 10.9 50.9
64 57.3 39.0 79.0

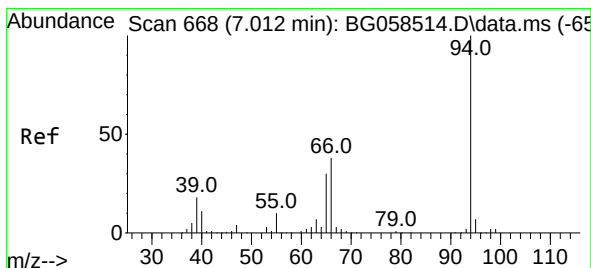
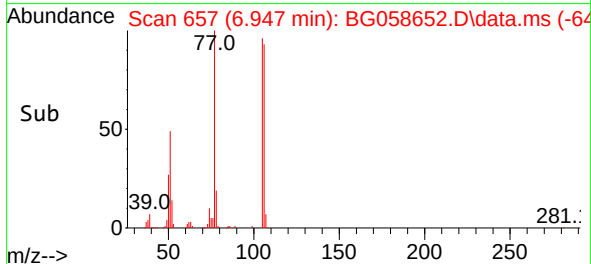
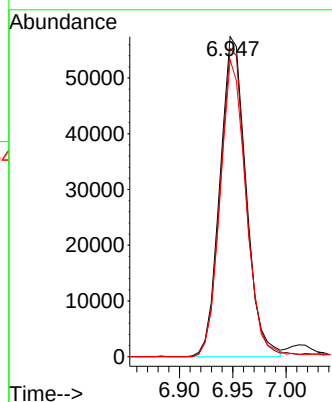
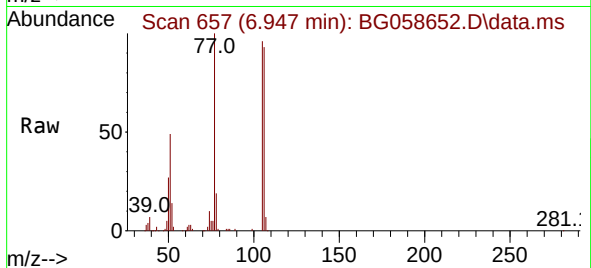




#9
Benzaldehyde
Concen: 38.296 ng
RT: 6.947 min Scan# 61
Delta R.T. -0.006 min
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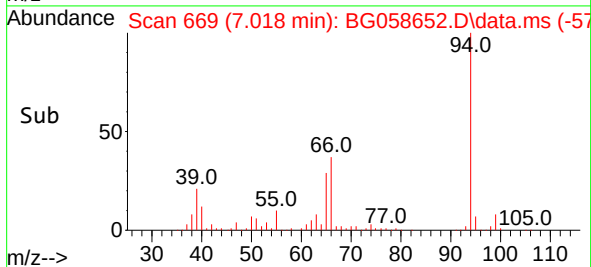
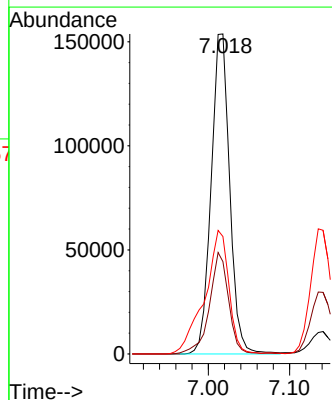
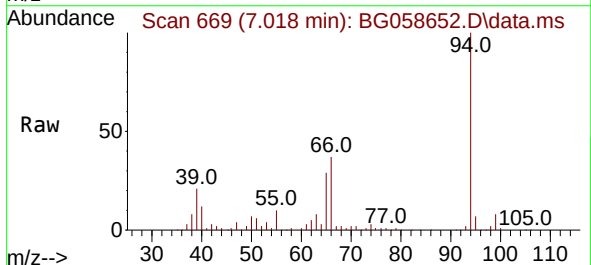
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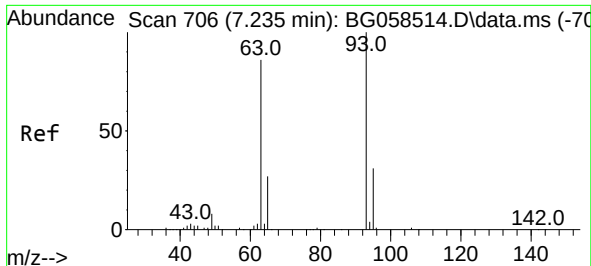
Tgt Ion: 77 Resp: 97832
Ion Ratio Lower Upper
77 100
105 96.2 77.1 117.1
106 92.7 71.6 111.6



#10
Phenol
Concen: 53.086 ng
RT: 7.018 min Scan# 669
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 243834
Ion Ratio Lower Upper
94 100
65 28.8 10.4 50.4
66 36.7 18.7 58.7

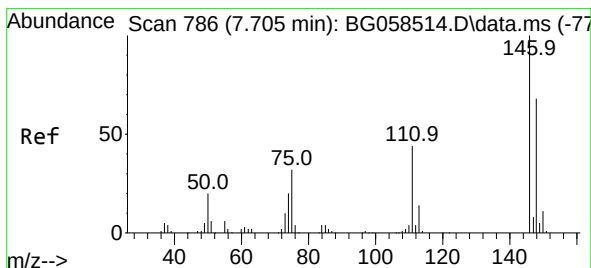
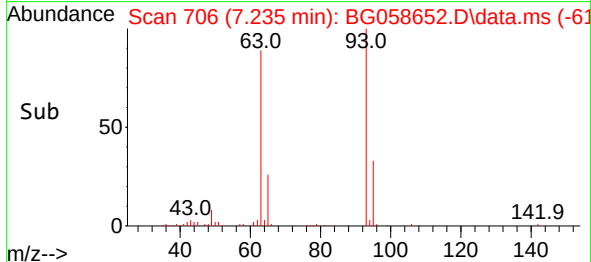
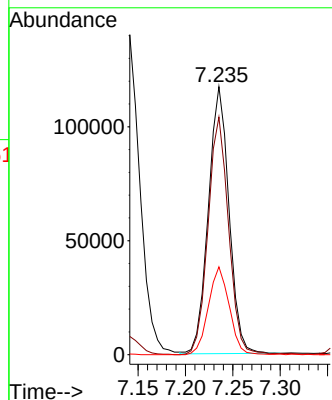
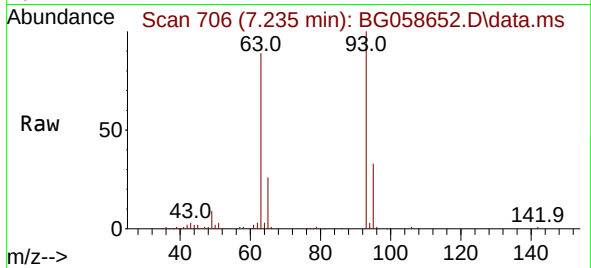




#11
bis(2-Chloroethyl)ether
Concen: 48.906 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

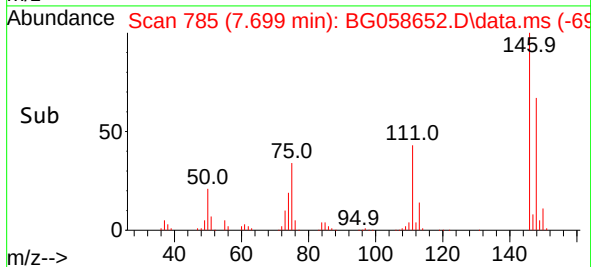
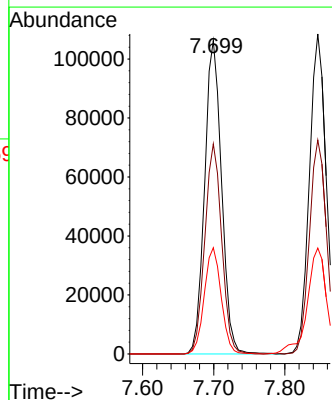
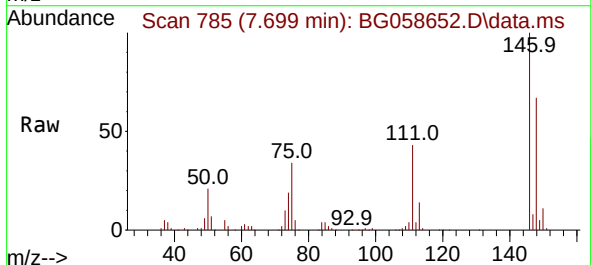
Instrument :
BNA_G
ClientSampleId :
PB154669BS

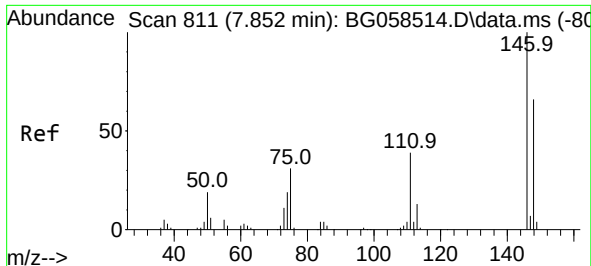
Tgt Ion: 93 Resp: 177094
Ion Ratio Lower Upper
93 100
63 88.7 65.5 105.5
95 32.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 49.837 ng
RT: 7.699 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:146 Resp: 176415
Ion Ratio Lower Upper
146 100
148 67.0 54.7 82.1
75 33.9 25.8 38.8

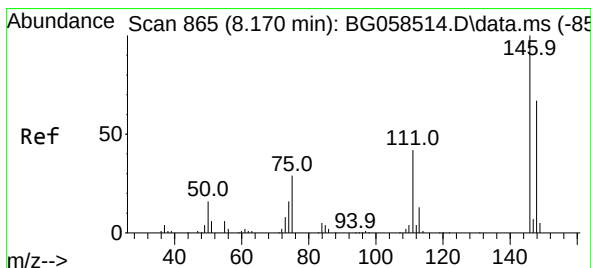
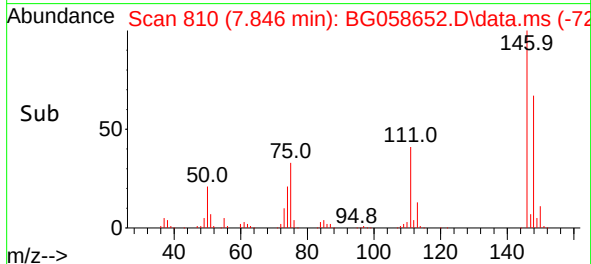
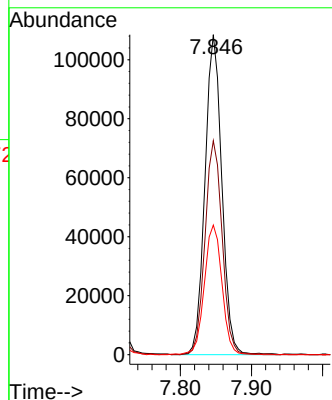
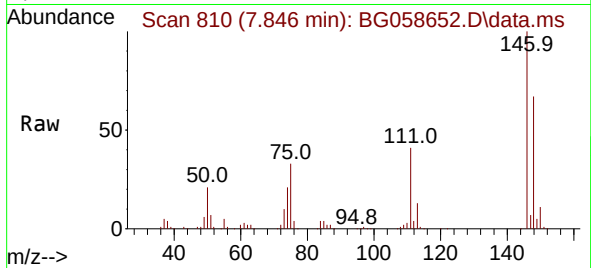




#13
1,4-Dichlorobenzene
Concen: 50.460 ng
RT: 7.846 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

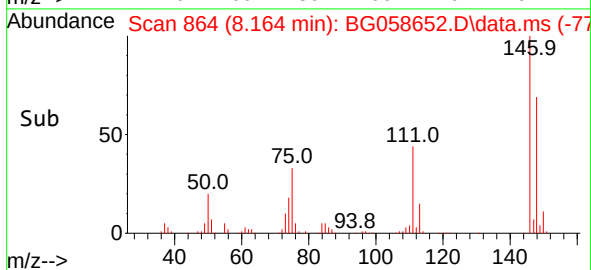
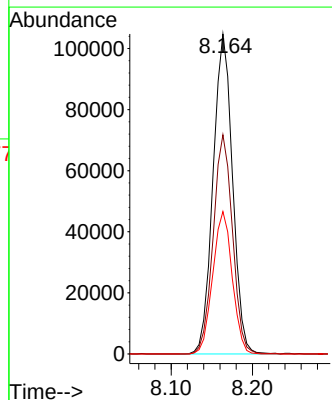
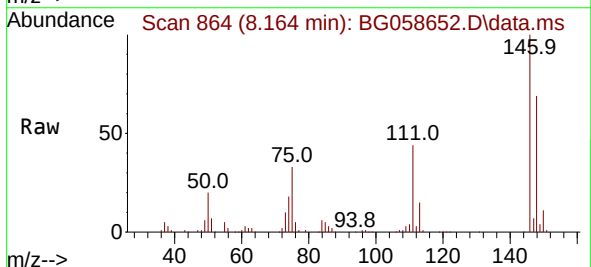
Instrument :
BNA_G
ClientSampleId :
PB154669BS

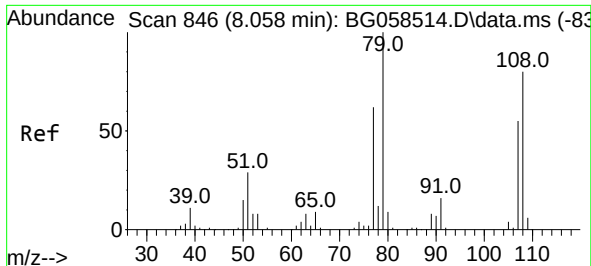
Tgt Ion:146 Resp: 179351
Ion Ratio Lower Upper
146 100
148 66.8 52.8 79.2
111 40.5 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 51.396 ng
RT: 8.164 min Scan# 864
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:146 Resp: 174654
Ion Ratio Lower Upper
146 100
148 68.5 53.4 80.2
111 44.5 34.2 51.2

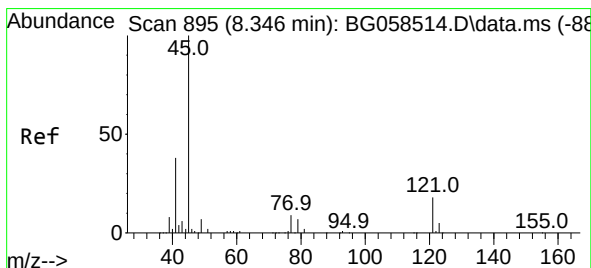
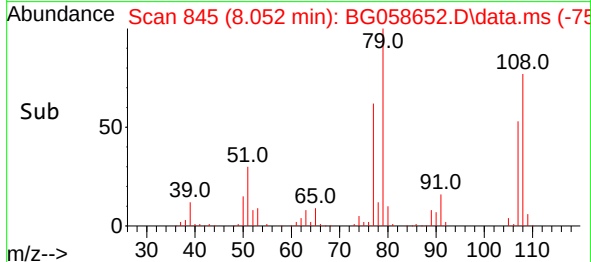
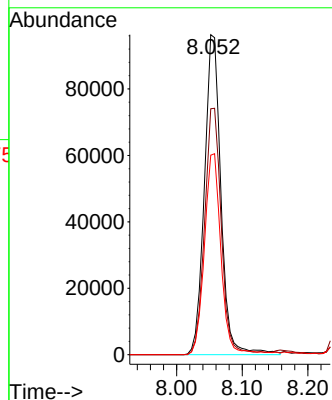
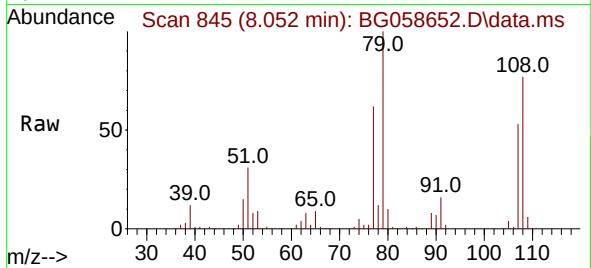




#15
Benzyl Alcohol
Concen: 56.868 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

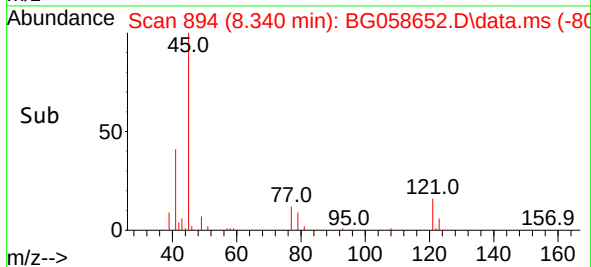
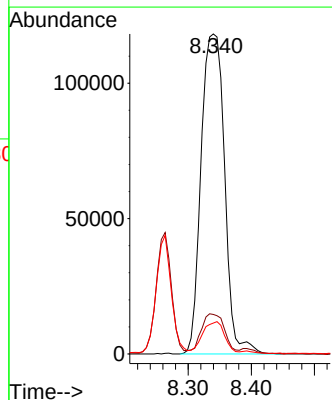
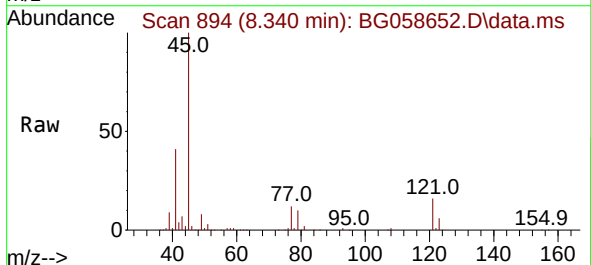
Instrument :
BNA_G
ClientSampleId :
PB154669BS

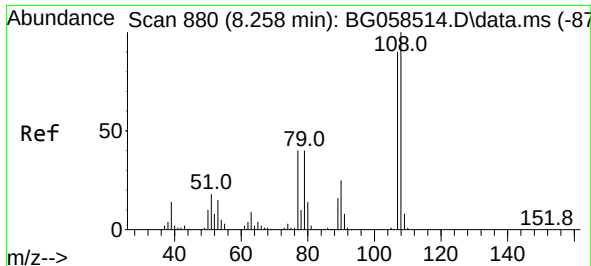
Tgt Ion: 79 Resp: 169576
Ion Ratio Lower Upper
79 100
108 76.9 63.8 95.6
77 62.3 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.849 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion: 45 Resp: 304981
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.6
79 9.7 0.0 30.2





#17

2-Methylphenol

Concen: 49.460 ng

RT: 8.263 min Scan# 81

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

Tgt Ion:107 Resp: 166109

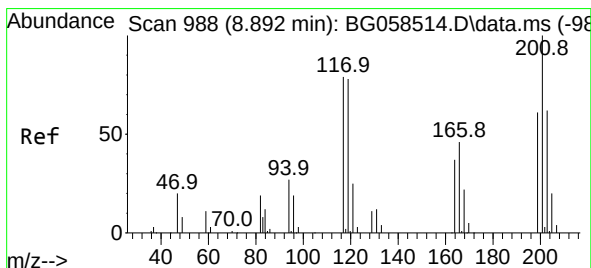
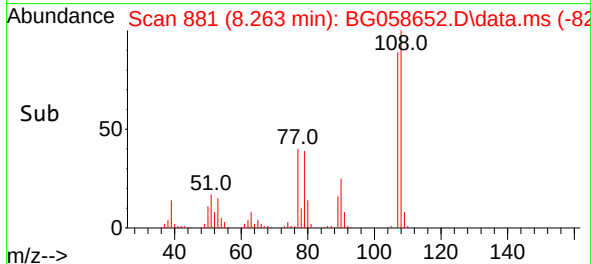
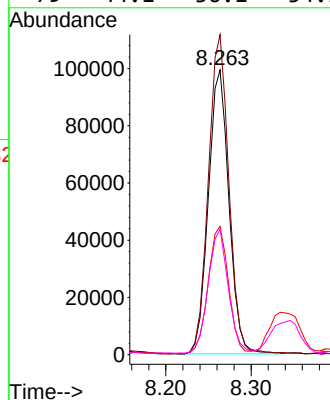
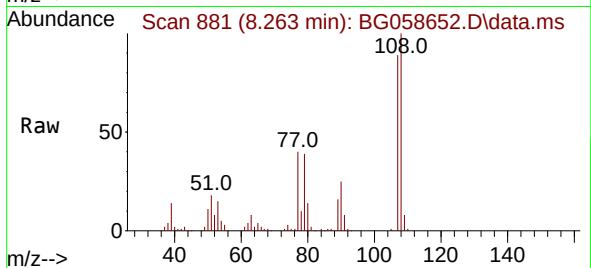
Ion Ratio Lower Upper

107 100

108 112.4 89.1 133.7

77 45.1 36.2 54.4

79 44.1 36.1 54.1



#18

Hexachloroethane

Concen: 51.026 ng

RT: 8.886 min Scan# 987

Delta R.T. -0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

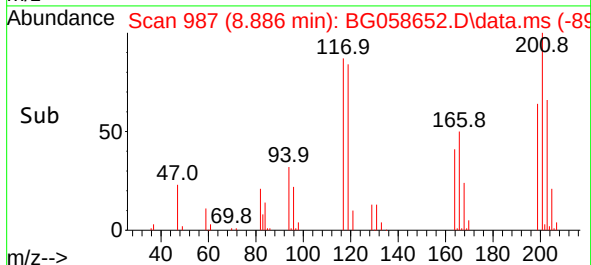
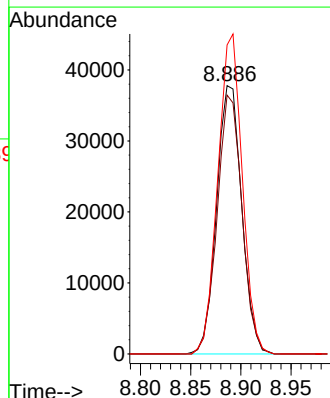
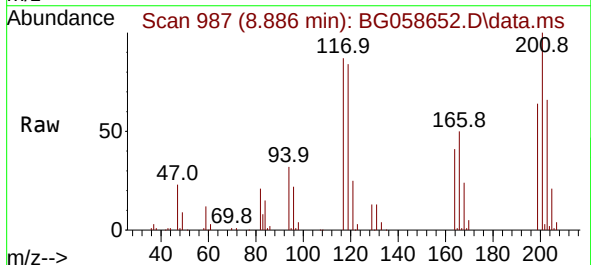
Tgt Ion:117 Resp: 65920

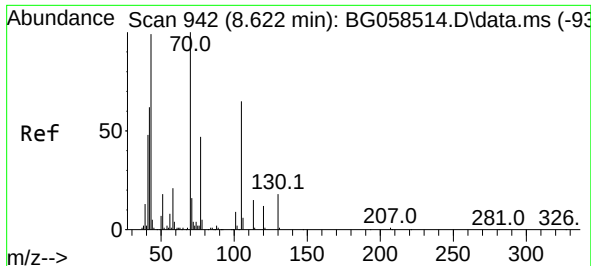
Ion Ratio Lower Upper

117 100

119 96.4 78.6 117.8

201 115.1 101.4 152.0

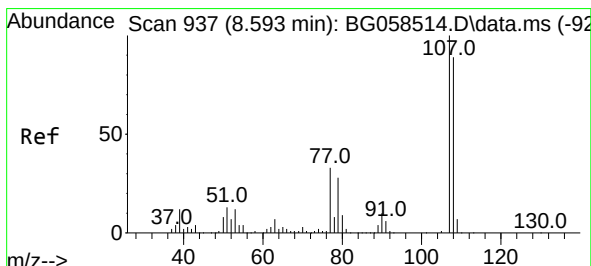
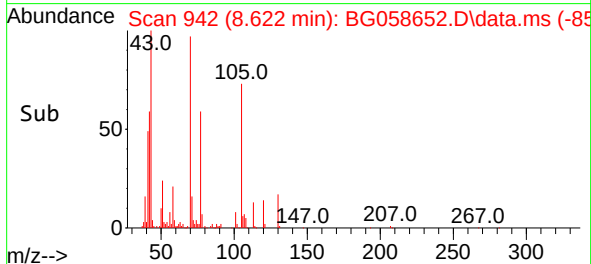
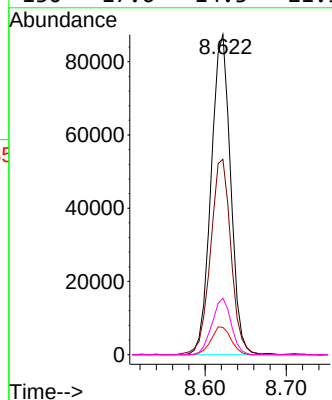
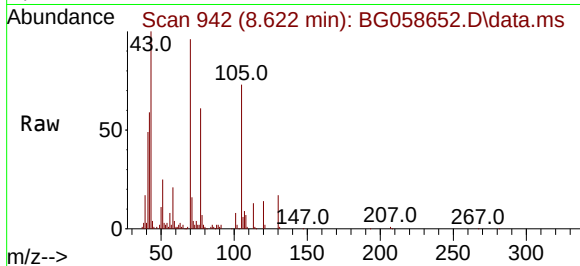




#19
n-Nitroso-di-n-propylamine
Concen: 47.776 ng
RT: 8.622 min Scan# 942
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

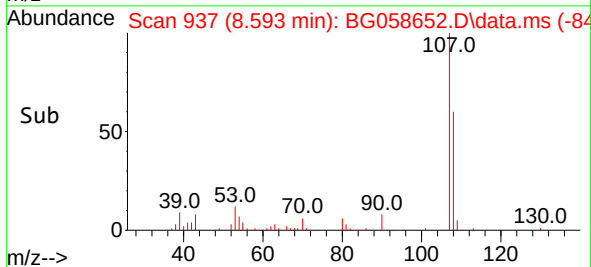
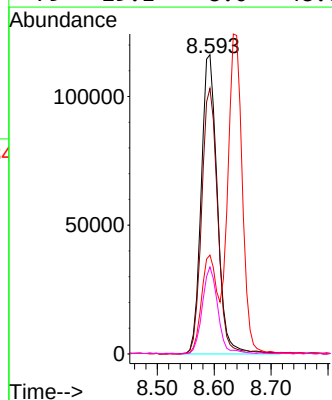
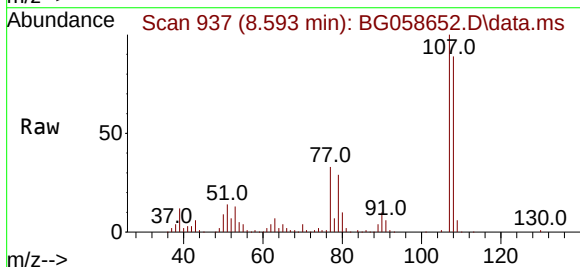
Instrument :
BNA_G
ClientSampleId :
PB154669BS

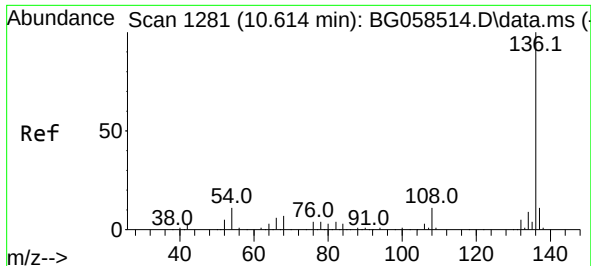
Tgt Ion: 70 Resp: 145103
Ion Ratio Lower Upper
70 100
42 61.0 49.7 74.5
101 8.5 7.0 10.4
130 17.6 14.3 21.5



#20
3+4-Methylphenols
Concen: 50.442 ng
RT: 8.593 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion: 107 Resp: 229147
Ion Ratio Lower Upper
107 100
108 88.7 69.4 109.4
77 33.0 13.0 53.0
79 29.1 8.0 48.0

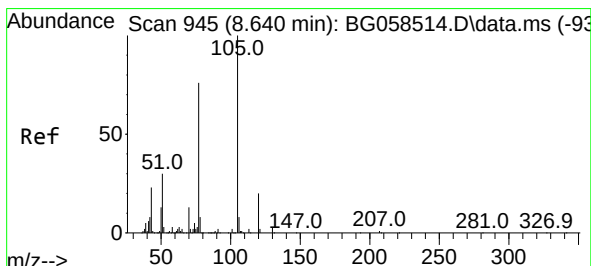
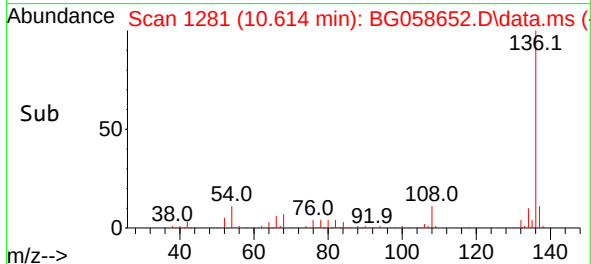
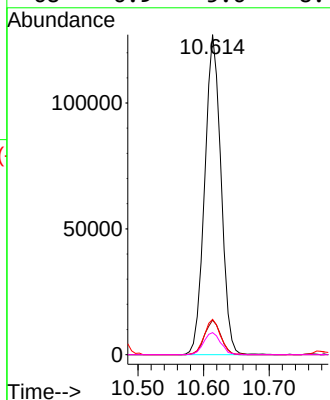
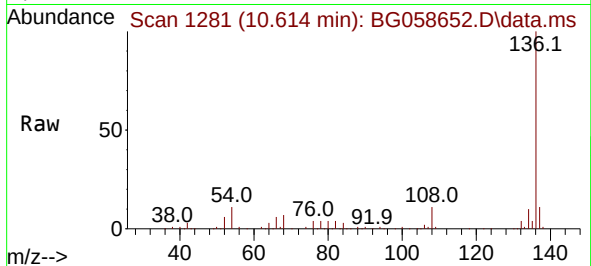




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

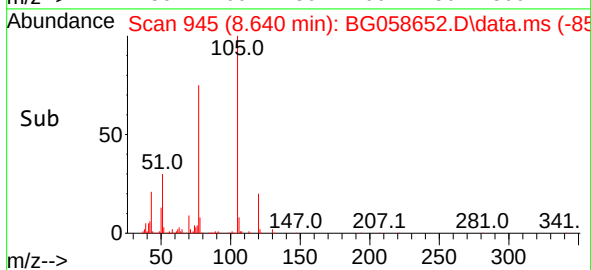
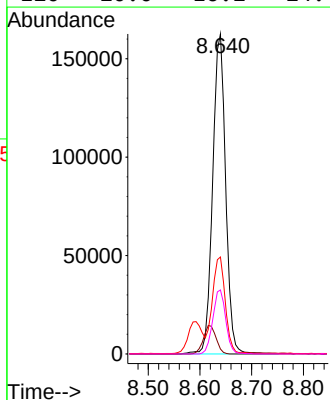
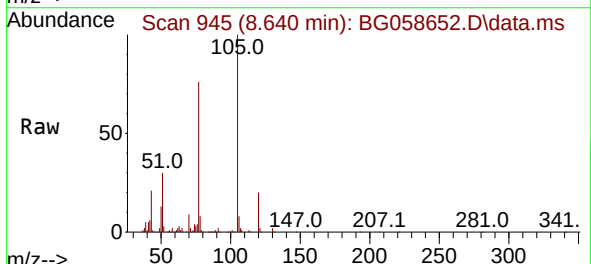
Instrument :
BNA_G
ClientSampleId :
PB154669BS

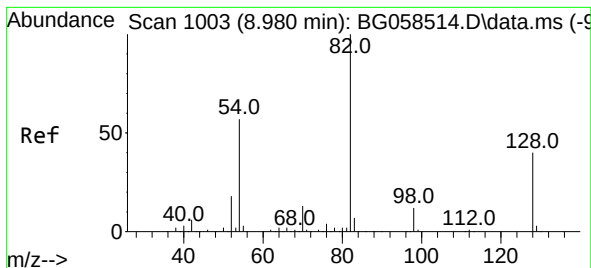
Tgt Ion:	136	Resp:	219162
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	11.0	8.9	13.3
68	6.9	5.6	8.4



#22
Acetophenone
Concen: 48.338 ng
RT: 8.640 min Scan# 945
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:	105	Resp:	283663
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.8	2.6
51	30.3	24.2	36.2
120	20.0	16.2	24.4





#23

Nitrobenzene-d5

Concen: 88.140 ng

RT: 8.980 min Scan# 10

Delta R.T. -0.000 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

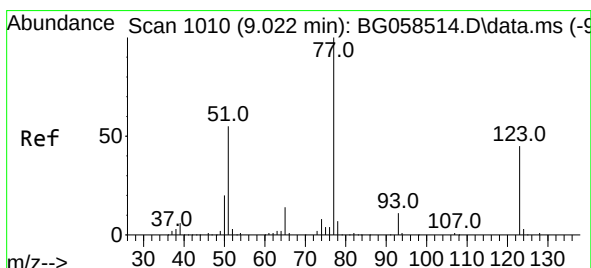
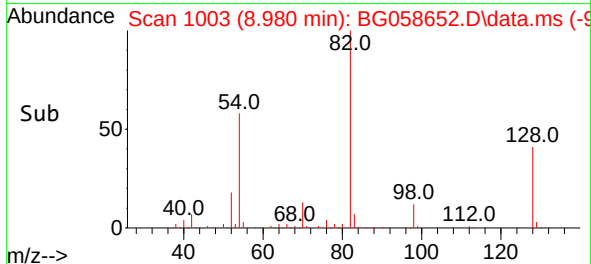
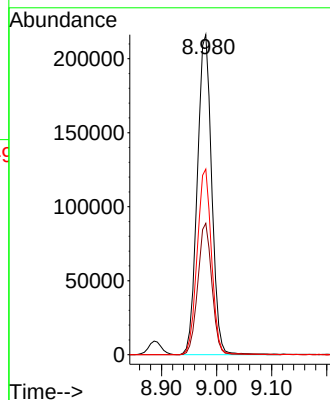
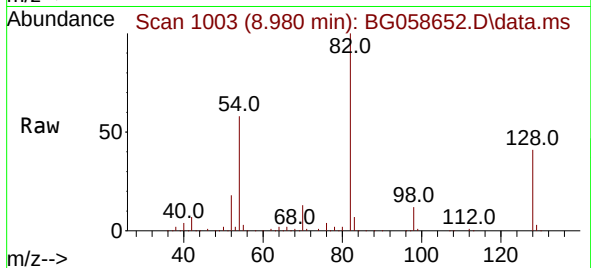
Tgt Ion: 82 Resp: 393219

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.2

54 58.0 46.0 69.0



#24

Nitrobenzene

Concen: 46.376 ng

RT: 9.021 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

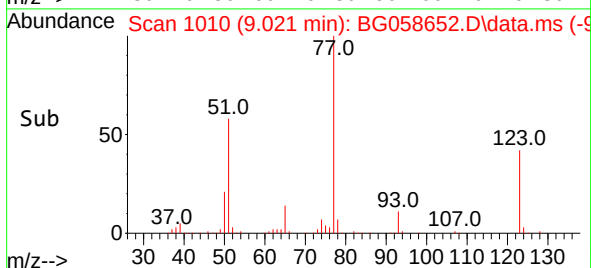
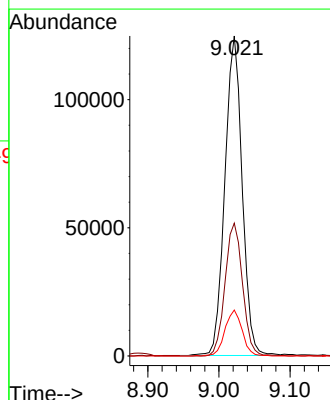
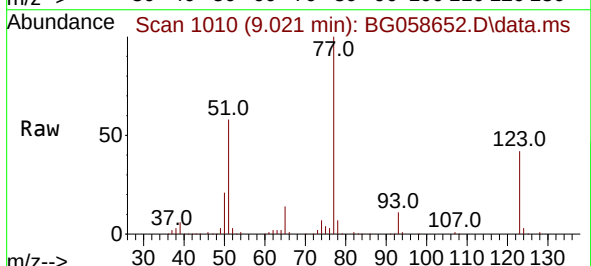
Tgt Ion: 77 Resp: 210339

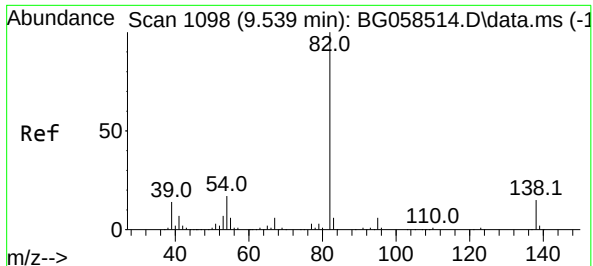
Ion Ratio Lower Upper

77 100

123 41.5 35.6 53.4

65 14.3 11.4 17.0

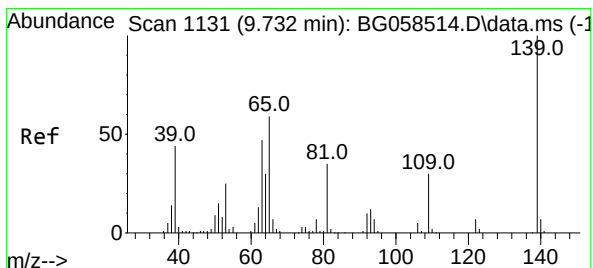
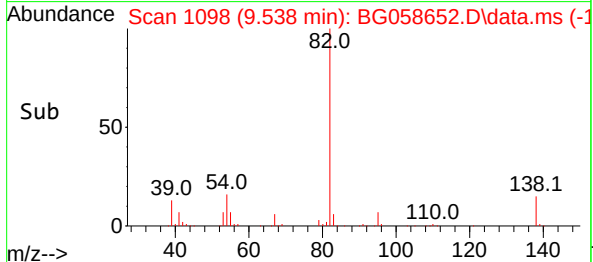
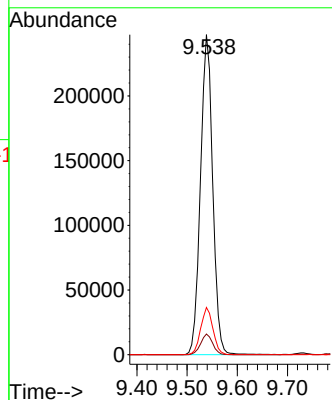
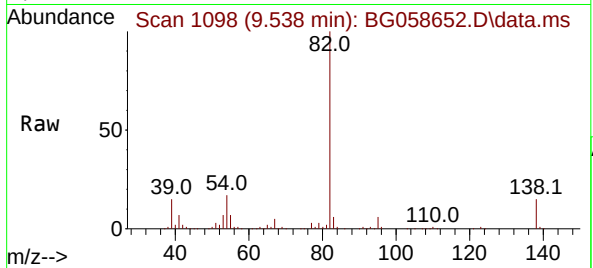




#25
Isophorone
Concen: 45.410 ng
RT: 9.538 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

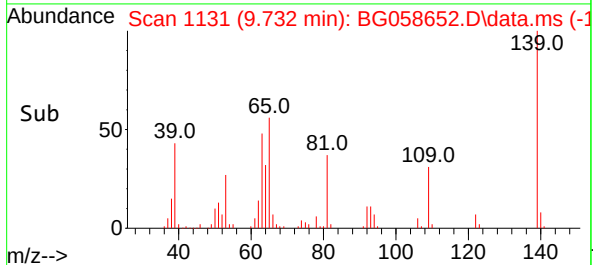
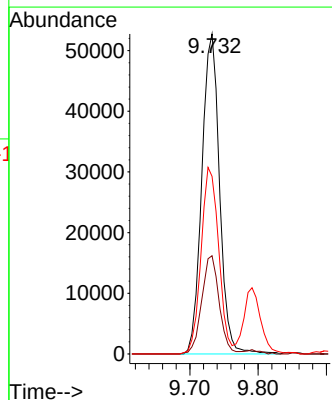
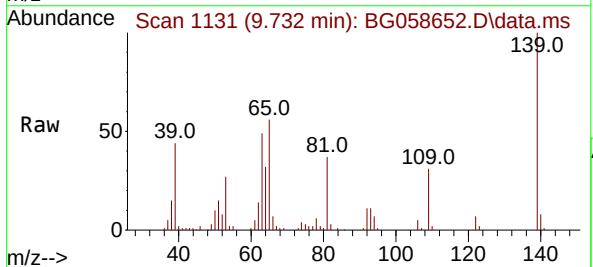
Instrument :
BNA_G
ClientSampleId :
PB154669BS

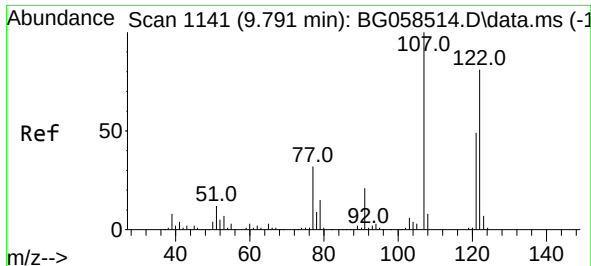
Tgt Ion: 82 Resp: 418583
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.8 11.9 17.9



#26
2-Nitrophenol
Concen: 48.291 ng
RT: 9.732 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:139 Resp: 95341
Ion Ratio Lower Upper
139 100
109 30.7 24.2 36.2
65 55.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.817 ng

RT: 9.791 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

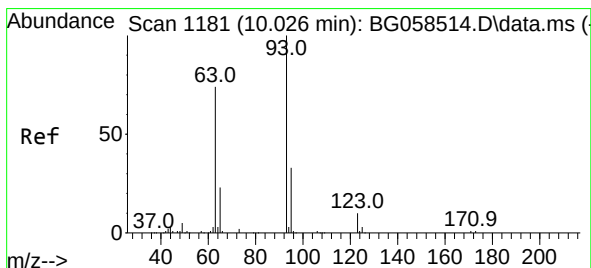
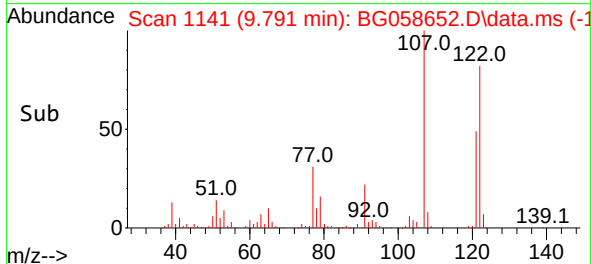
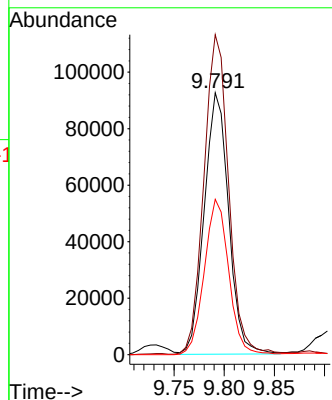
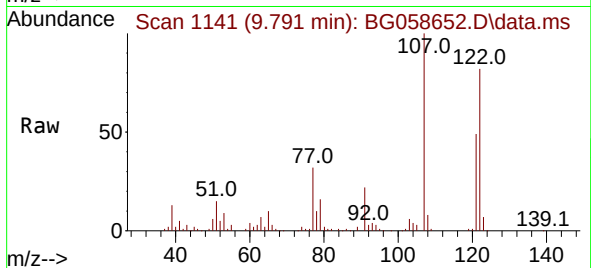
Tgt Ion:122 Resp: 156590

Ion Ratio Lower Upper

122 100

107 122.2 98.0 147.0

121 59.3 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.600 ng

RT: 10.026 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

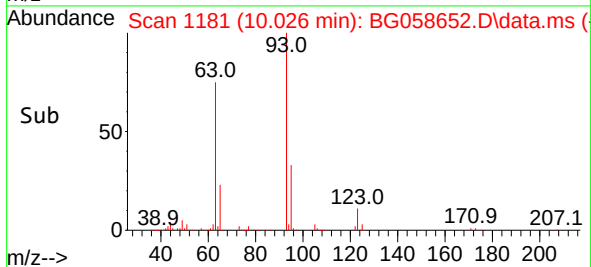
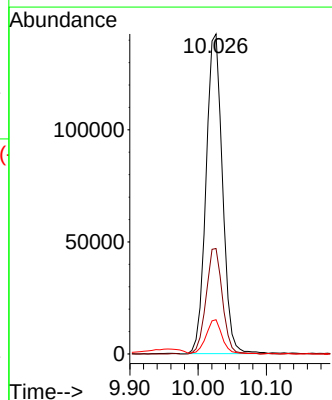
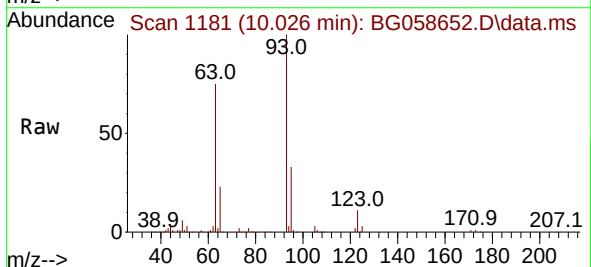
Tgt Ion: 93 Resp: 238779

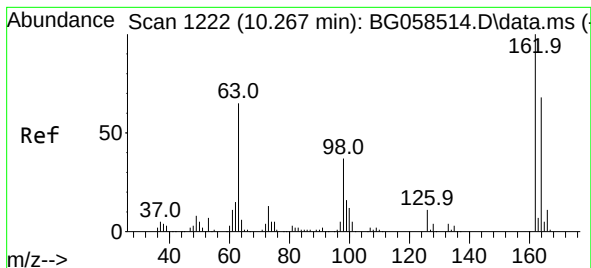
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 10.7 7.8 11.8

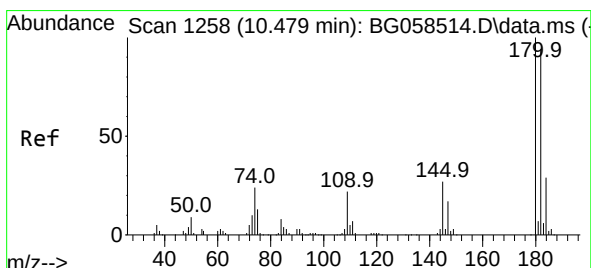
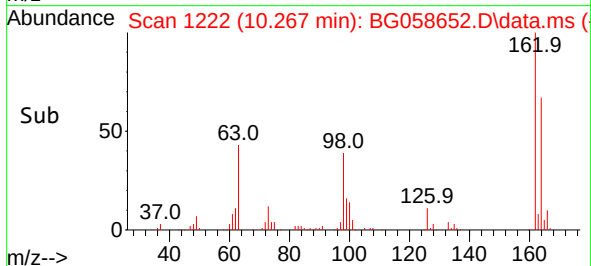
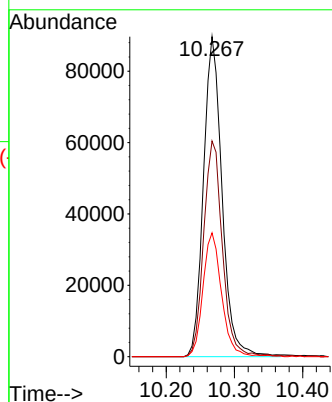
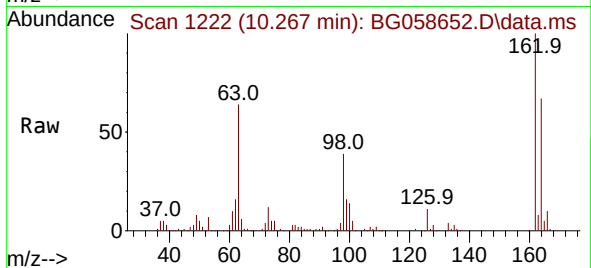




#29
2,4-Dichlorophenol
Concen: 50.079 ng
RT: 10.267 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

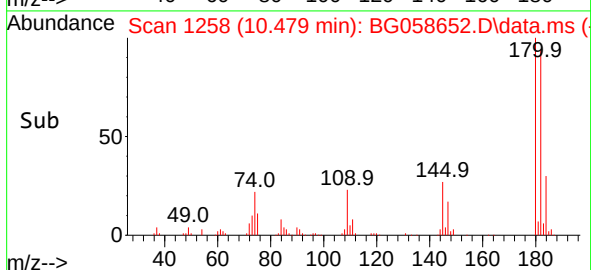
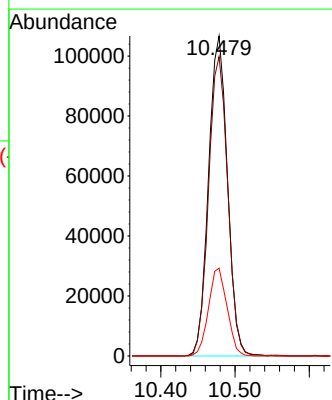
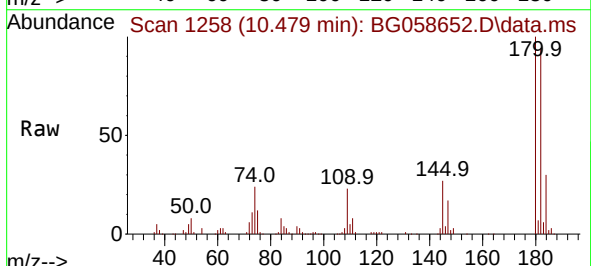
Instrument :
BNA_G
ClientSampleId :
PB154669BS

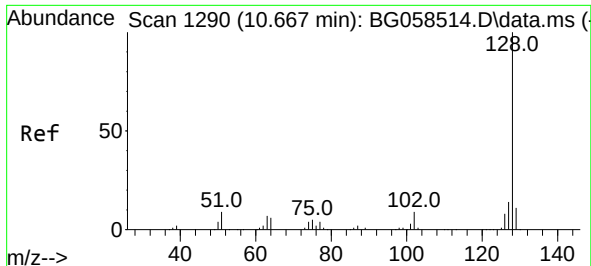
Tgt Ion:162 Resp: 170280
Ion Ratio Lower Upper
162 100
164 67.4 47.6 87.6
98 38.7 17.1 57.1



#30
1,2,4-Trichlorobenzene
Concen: 48.076 ng
RT: 10.479 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:180 Resp: 188518
Ion Ratio Lower Upper
180 100
182 93.6 75.0 112.4
145 27.5 21.9 32.9

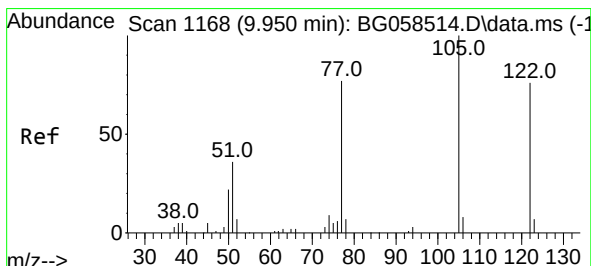
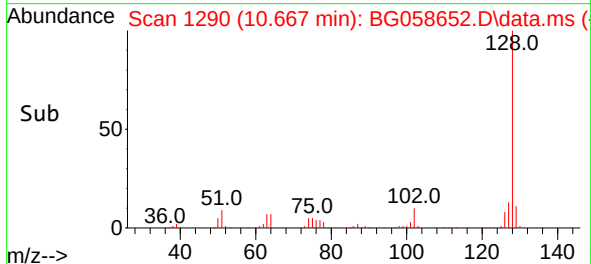
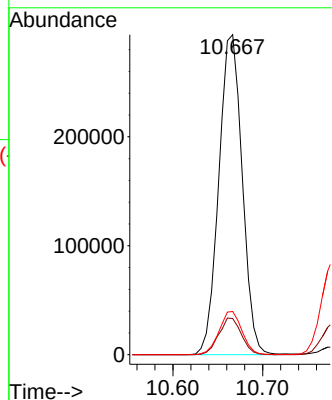
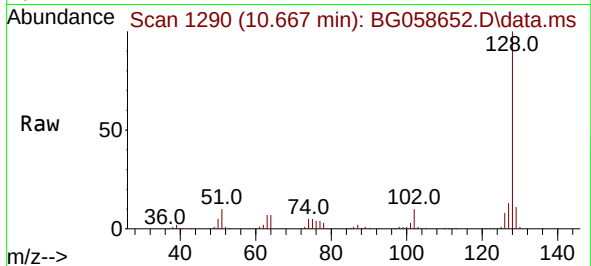




#31
Naphthalene
Concen: 46.019 ng
RT: 10.667 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

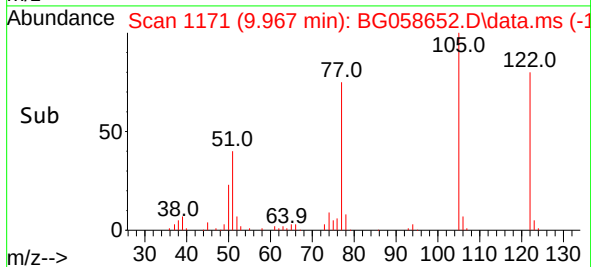
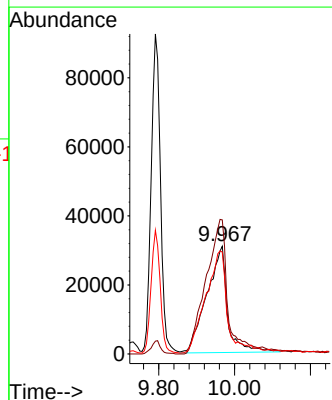
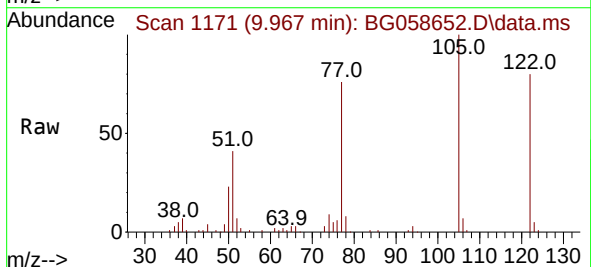
Instrument :
BNA_G
ClientSampleId :
PB154669BS

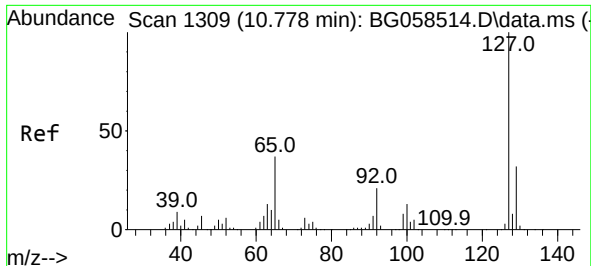
Tgt Ion:128 Resp: 531574
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 46.954 ng
RT: 9.967 min Scan# 1171
Delta R.T. 0.017 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:122 Resp: 117112
Ion Ratio Lower Upper
122 100
105 124.4 106.5 146.5
77 94.6 78.1 118.1

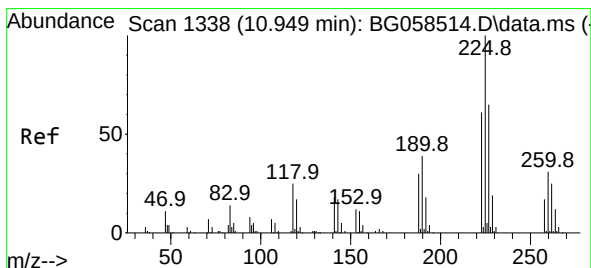
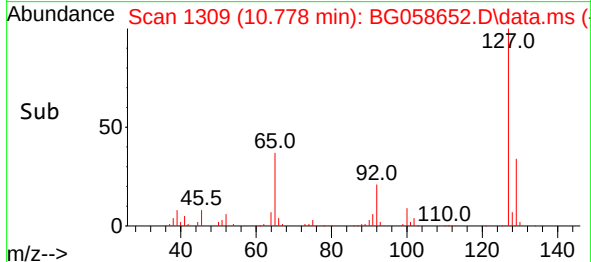
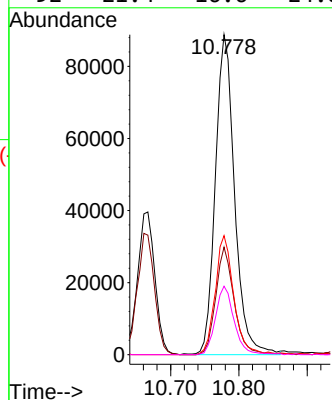
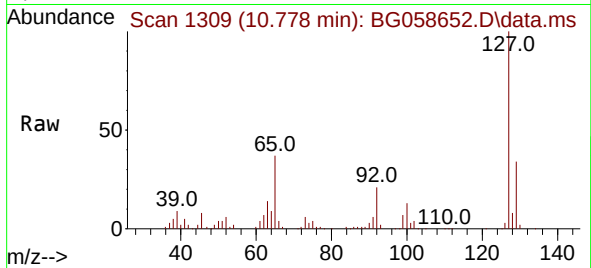




#33
4-Chloroaniline
Concen: 35.753 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

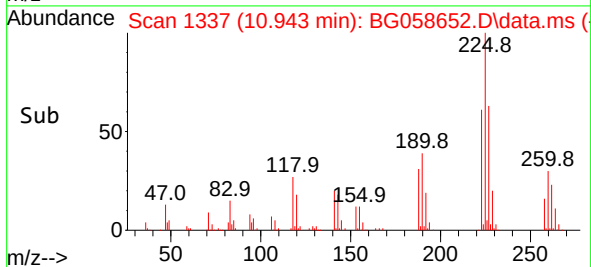
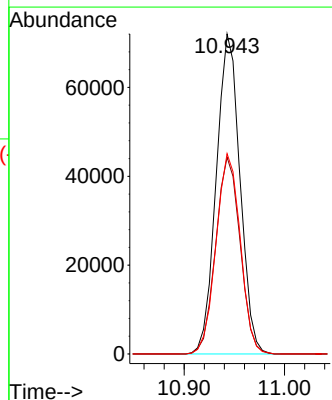
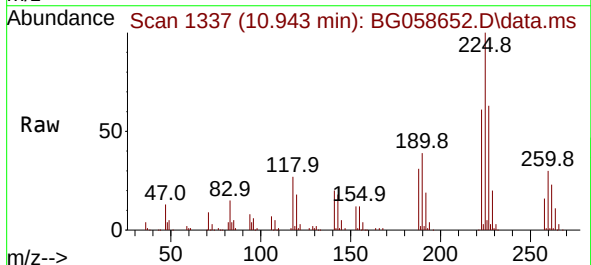
Instrument :
BNA_G
ClientSampleId :
PB154669BS

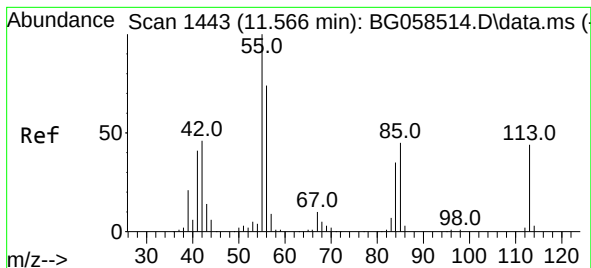
Tgt Ion:	127	Resp:	174490
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.4	38.2
65	37.2	29.5	44.3
92	21.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 46.733 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:	225	Resp:	118014
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.0	73.6
227	62.6	51.7	77.5

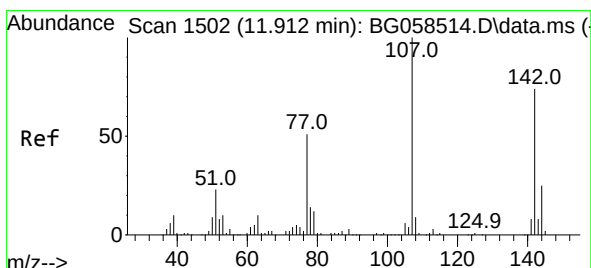
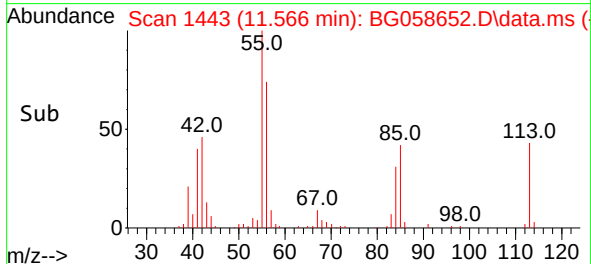
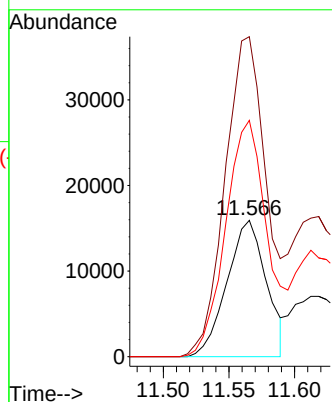
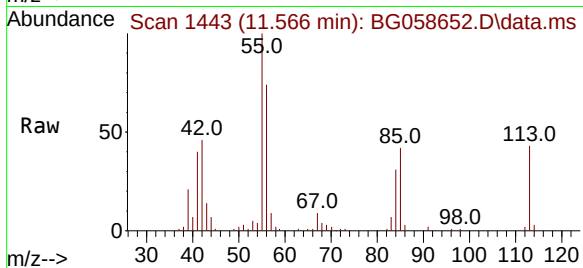




#35
Caprolactam
Concen: 26.391 ng
RT: 11.566 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

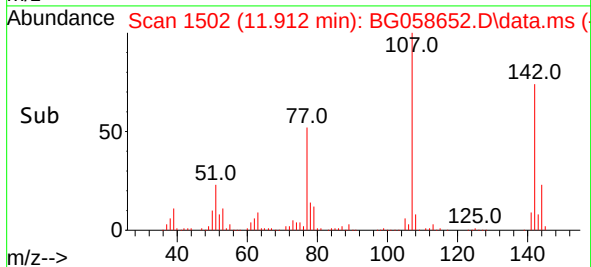
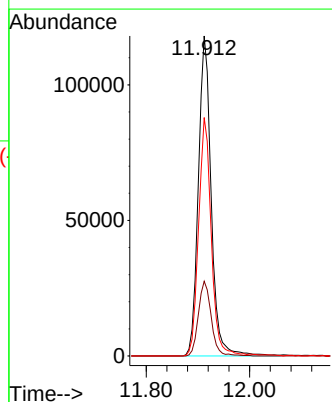
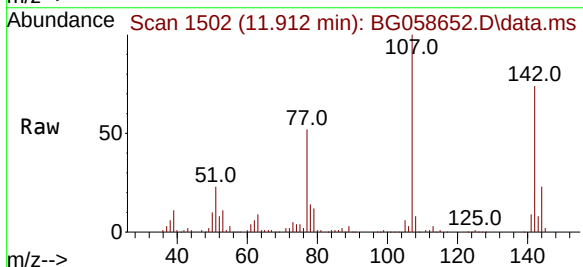
Instrument :
BNA_G
ClientSampleId :
PB154669BS

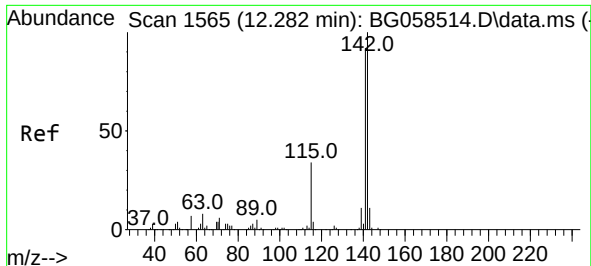
Tgt Ion:113 Resp: 33137
Ion Ratio Lower Upper
113 100
55 234.7 208.0 248.0
56 173.4 148.6 188.6



#36
4-Chloro-3-methylphenol
Concen: 48.450 ng
RT: 11.912 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:107 Resp: 203789
Ion Ratio Lower Upper
107 100
144 23.3 19.6 29.4
142 74.5 59.3 88.9

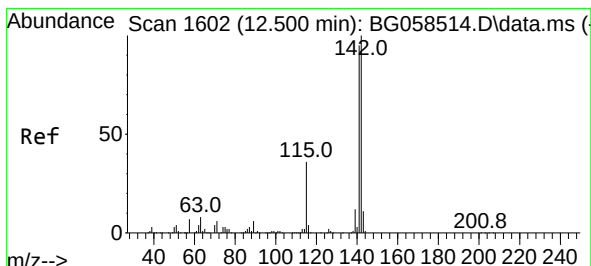
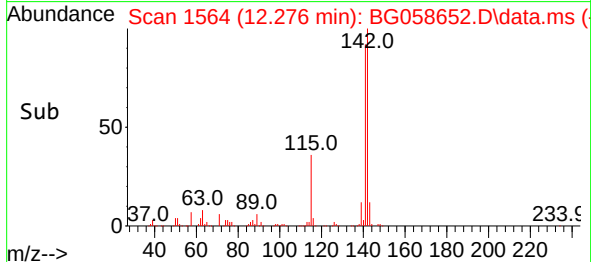
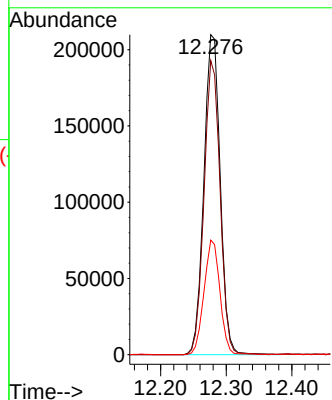
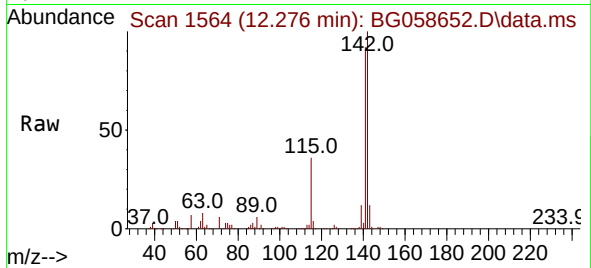




#37
2-Methylnaphthalene
Concen: 44.027 ng
RT: 12.276 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

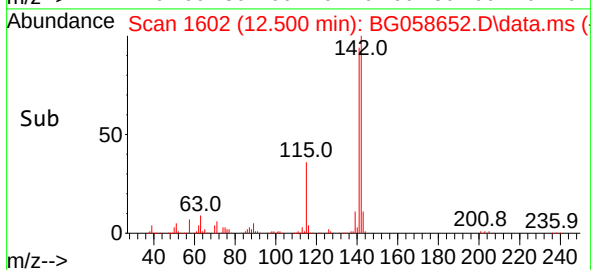
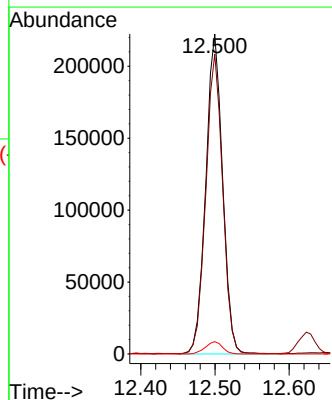
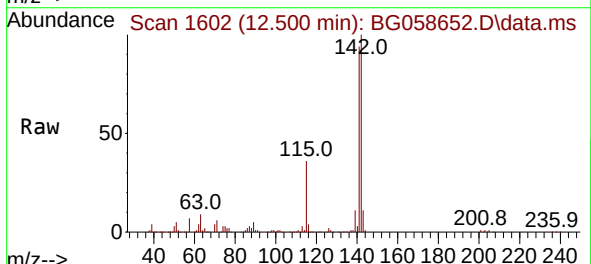
Instrument :
BNA_G
ClientSampleId :
PB154669BS

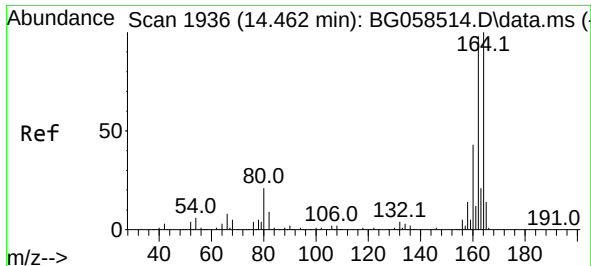
Tgt Ion:142 Resp: 363784
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3
115 35.8 27.4 41.0



#38
1-Methylnaphthalene
Concen: 44.697 ng
RT: 12.500 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:142 Resp: 351069
Ion Ratio Lower Upper
142 100
141 93.7 75.7 113.5
116 3.9 3.2 4.8

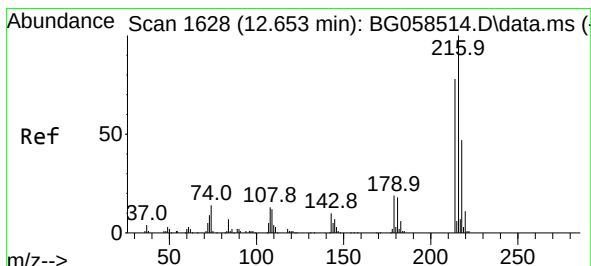
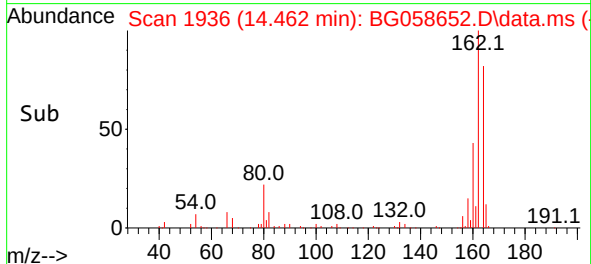
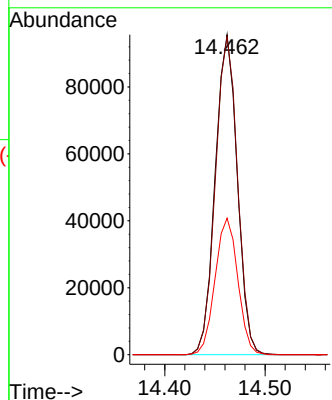
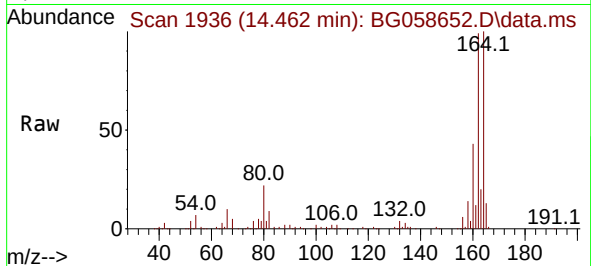




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

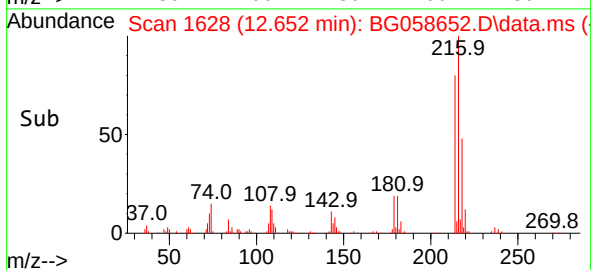
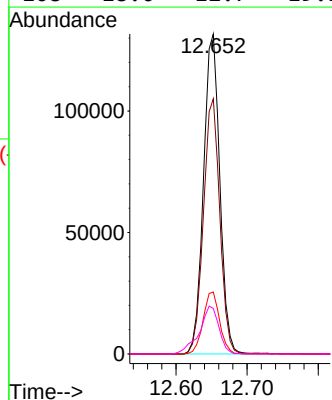
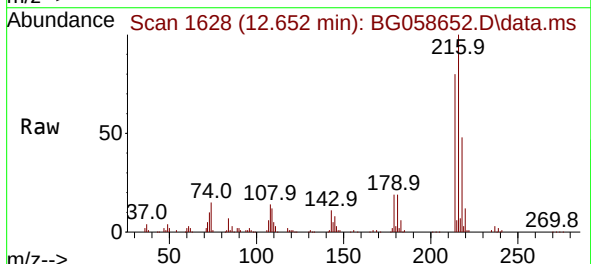
Instrument :
BNA_G
ClientSampleId :
PB154669BS

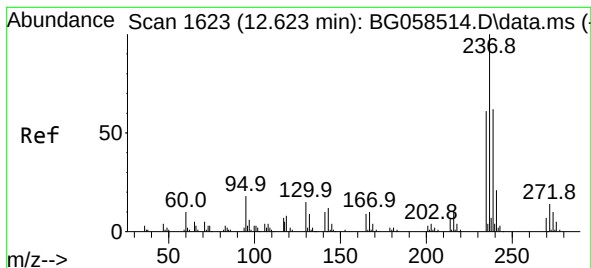
Tgt Ion:164 Resp: 145724
Ion Ratio Lower Upper
164 100
162 99.3 78.3 117.5
160 42.7 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.027 ng
RT: 12.652 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

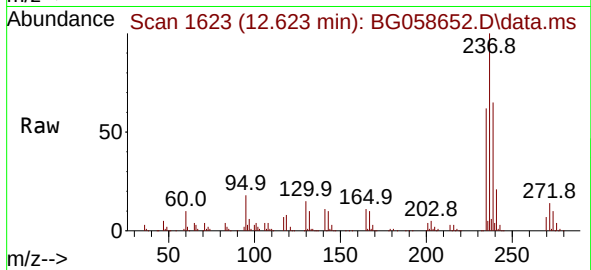
Tgt Ion:216 Resp: 210392
Ion Ratio Lower Upper
216 100
214 80.0 63.1 94.7
179 19.6 15.6 23.4
108 18.0 12.7 19.1



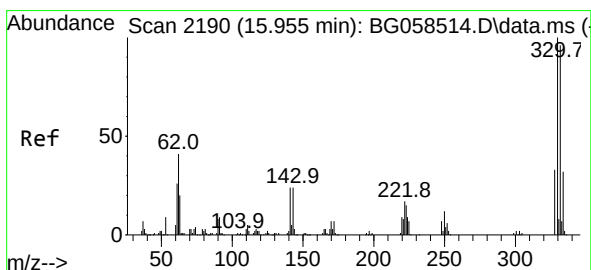
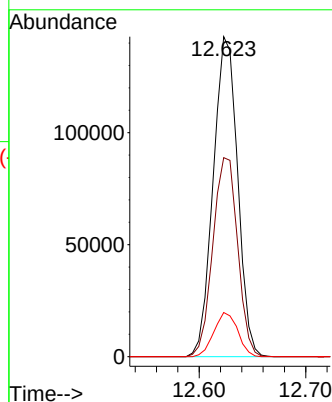
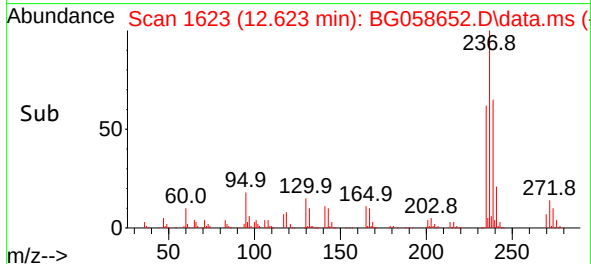


#41
Hexachlorocyclopentadiene
Concen: 106.779 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

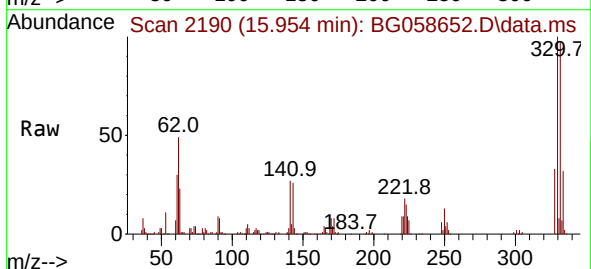
Instrument :
BNA_G
ClientSampleId :
PB154669BS



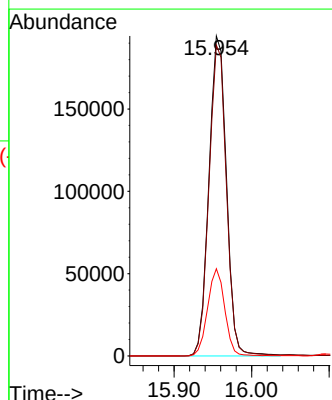
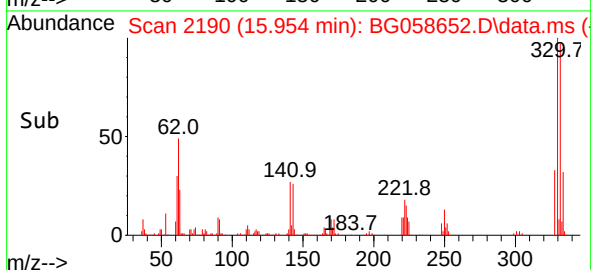
Tgt Ion:237 Resp: 227065
Ion Ratio Lower Upper
237 100
235 62.2 41.0 81.0
272 13.8 0.0 33.6

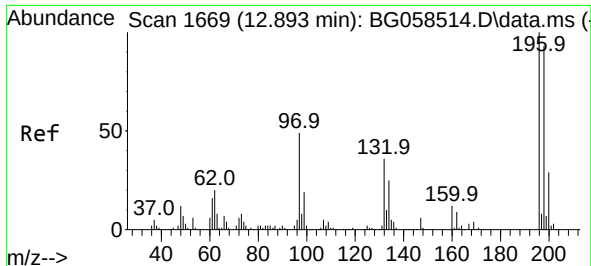


#42
2,4,6-Tribromophenol
Concen: 127.837 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48



Tgt Ion:330 Resp: 305341
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 26.6 20.7 31.1

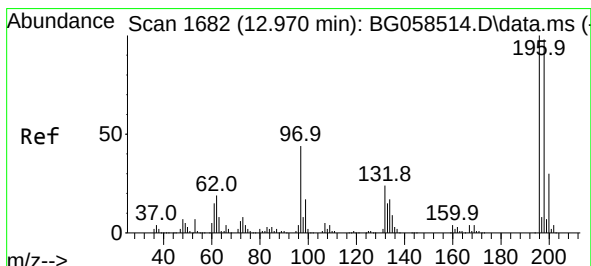
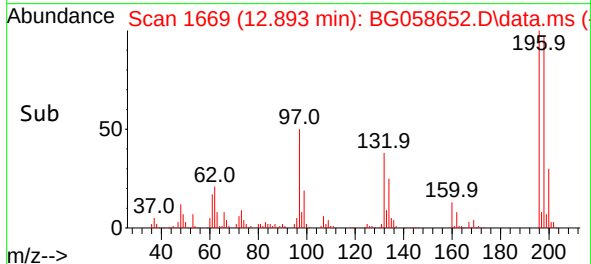
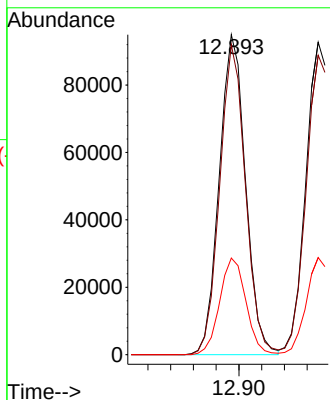
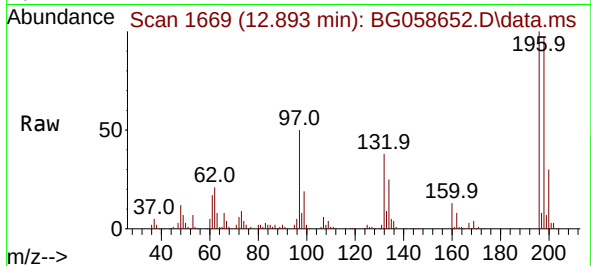




#43
2,4,6-Trichlorophenol
Concen: 49.507 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

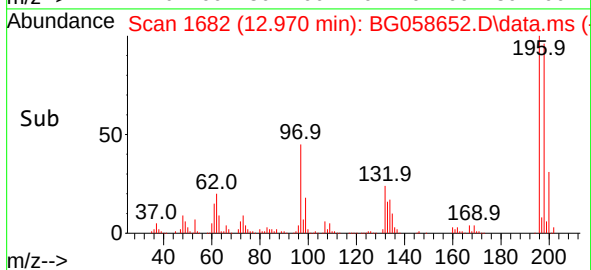
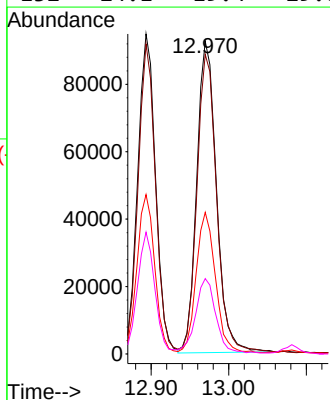
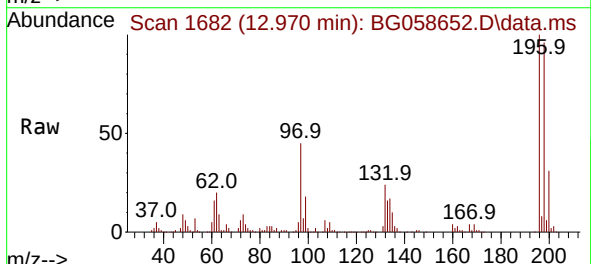
Instrument :
BNA_G
ClientSampleId :
PB154669BS

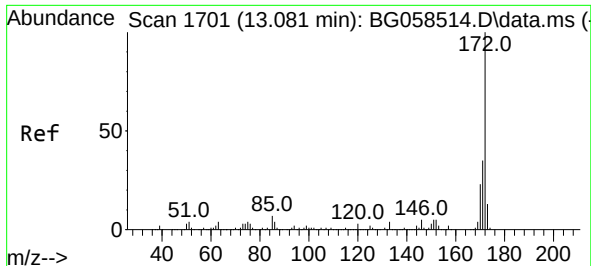
Tgt Ion:196 Resp: 152343
Ion Ratio Lower Upper
196 100
198 96.8 74.2 111.4
200 30.2 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 45.057 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:196 Resp: 163307
Ion Ratio Lower Upper
196 100
198 95.8 78.3 117.5
97 45.3 35.2 52.8
132 24.1 19.4 29.0

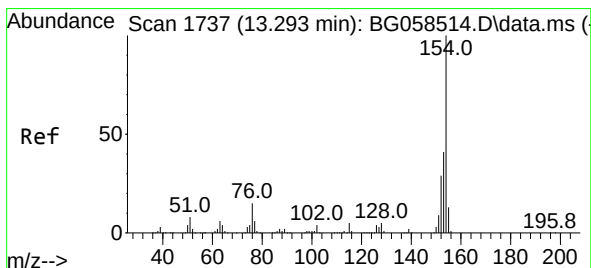
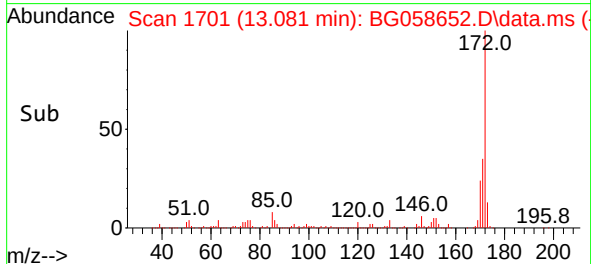
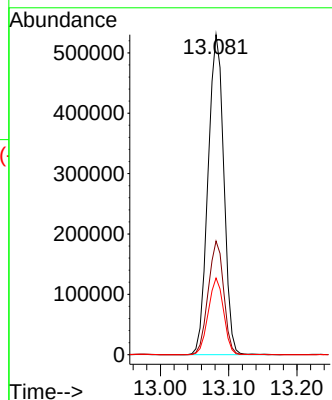
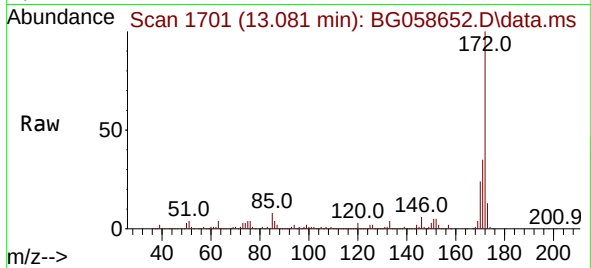




#45
2-Fluorobiphenyl
Concen: 87.541 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

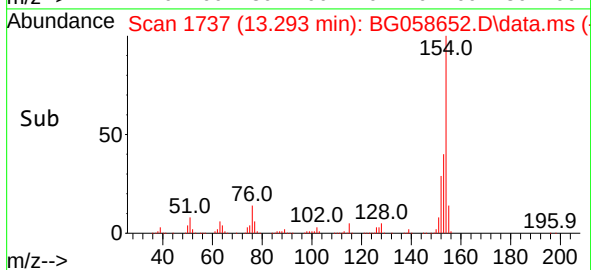
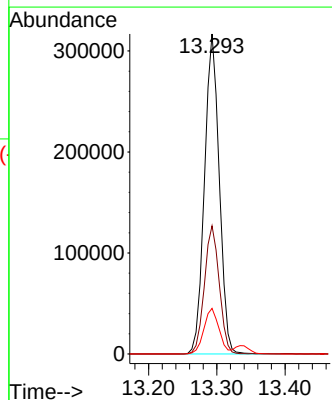
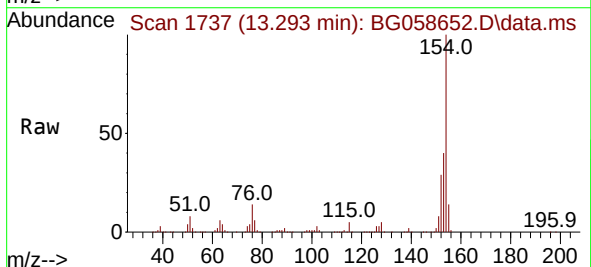
Instrument :
BNA_G
ClientSampleId :
PB154669BS

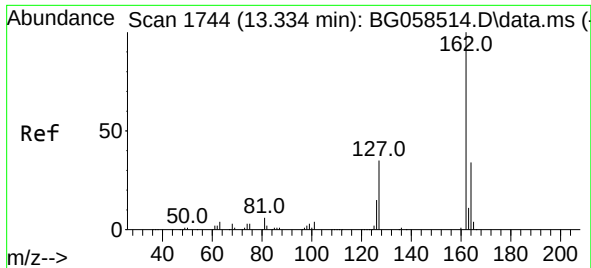
Tgt Ion:172 Resp: 851256
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.9 18.4 27.6



#46
1,1'-Biphenyl
Concen: 47.719 ng
RT: 13.293 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:154 Resp: 477557
Ion Ratio Lower Upper
154 100
153 40.1 21.2 61.2
76 14.2 0.0 34.7

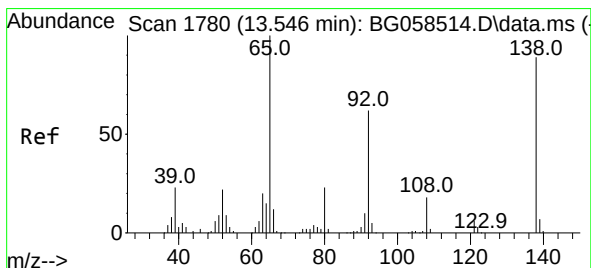
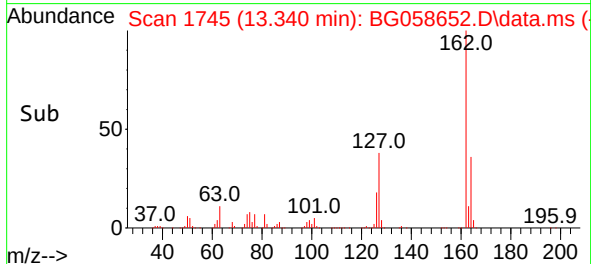
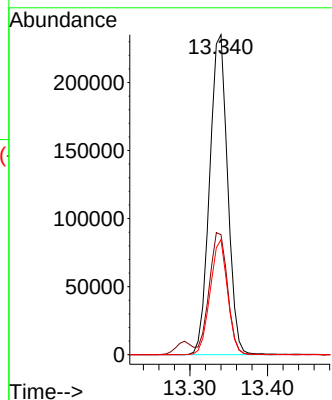
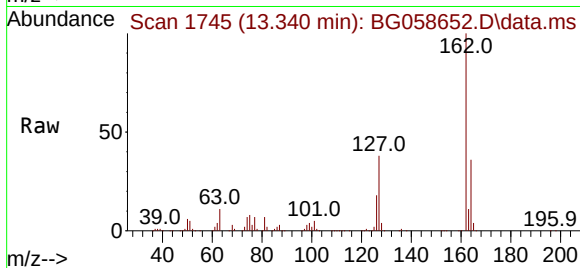




#47
2-Chloronaphthalene
Concen: 48.604 ng
RT: 13.340 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

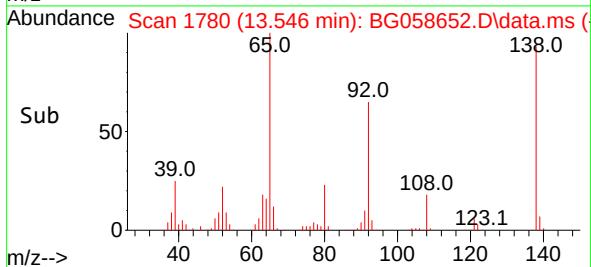
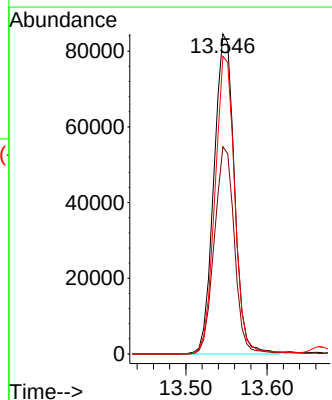
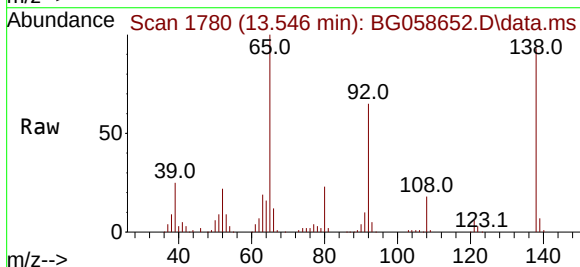
Instrument :
BNA_G
ClientSampleId :
PB154669BS

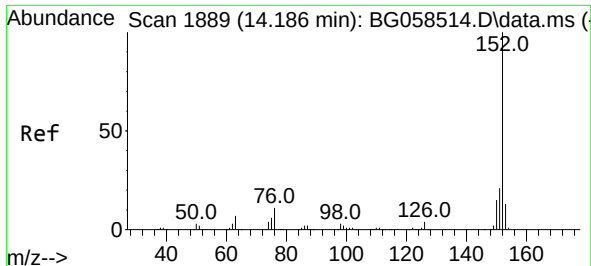
Tgt Ion:162 Resp: 379255
Ion Ratio Lower Upper
162 100
127 37.5 30.9 46.3
164 35.9 27.2 40.8



#48
2-Nitroaniline
Concen: 49.627 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

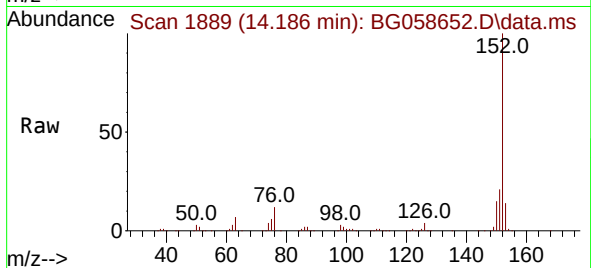
Tgt Ion: 65 Resp: 147807
Ion Ratio Lower Upper
65 100
92 64.8 49.2 73.8
138 93.0 71.5 107.3



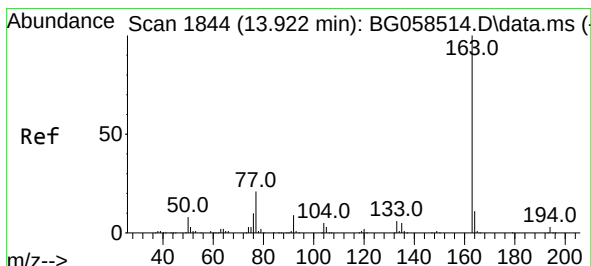
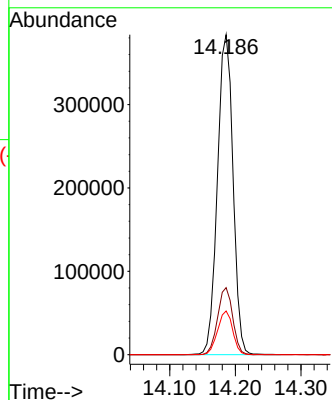
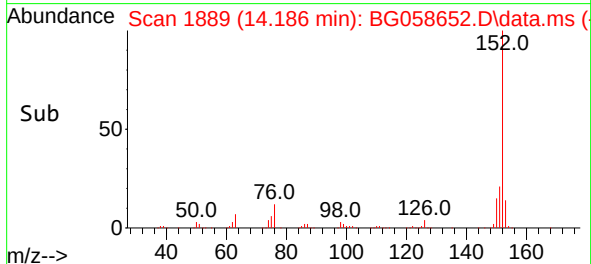


#49
Acenaphthylene
Concen: 48.238 ng
RT: 14.186 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

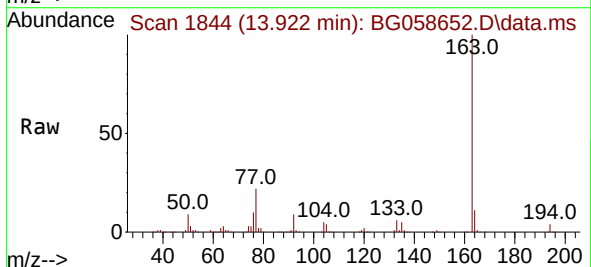
Instrument :
BNA_G
ClientSampleId :
PB154669BS



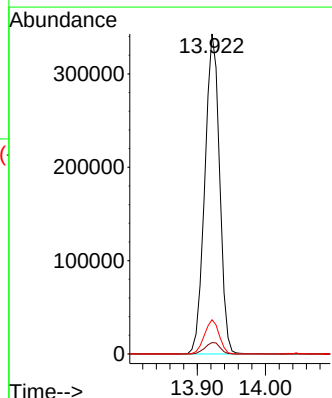
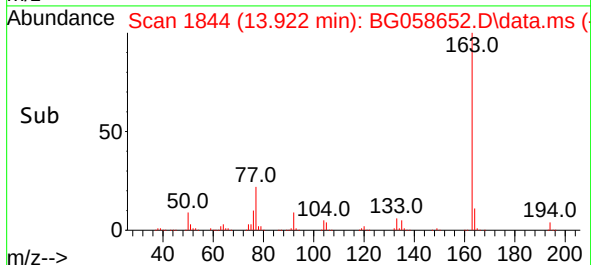
Tgt Ion:152 Resp: 630182
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.6 10.7 16.1

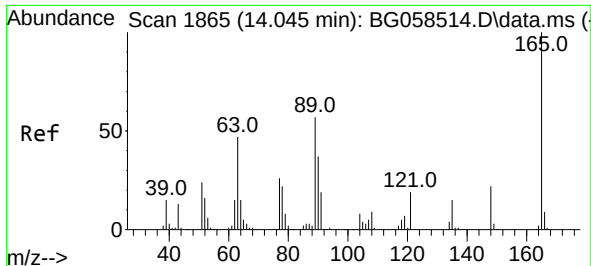


#50
Dimethylphthalate
Concen: 47.128 ng
RT: 13.922 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48



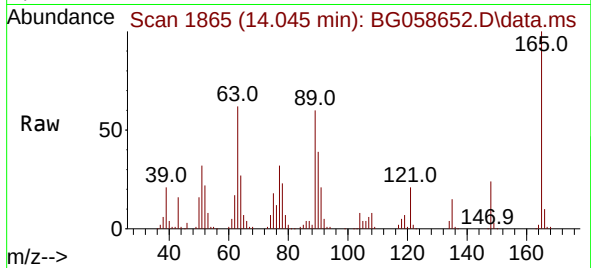
Tgt Ion:163 Resp: 515784
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.7 8.6 12.8



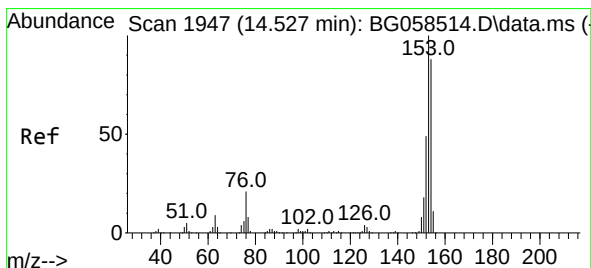
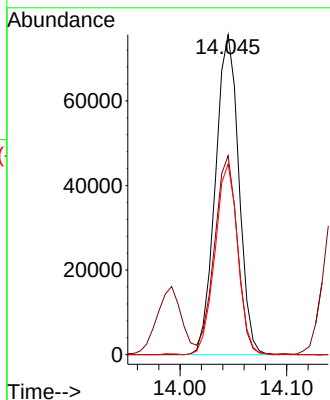
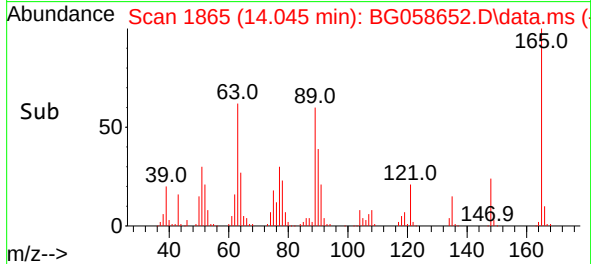


#51
2,6-Dinitrotoluene
Concen: 48.050 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Instrument :
BNA_G
ClientSampleId :
PB154669BS

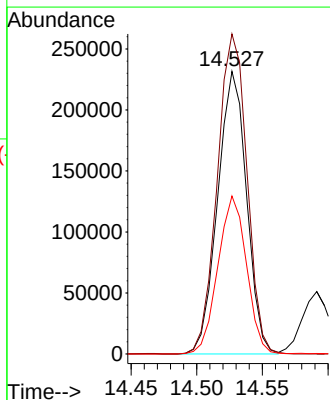
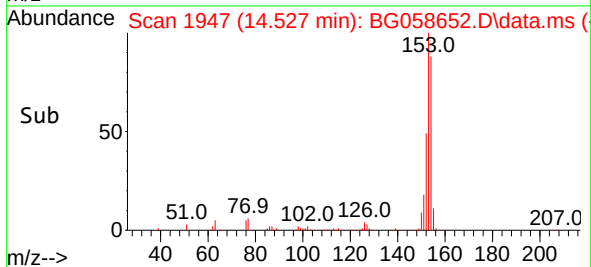
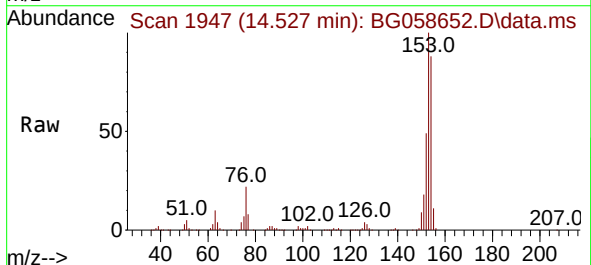


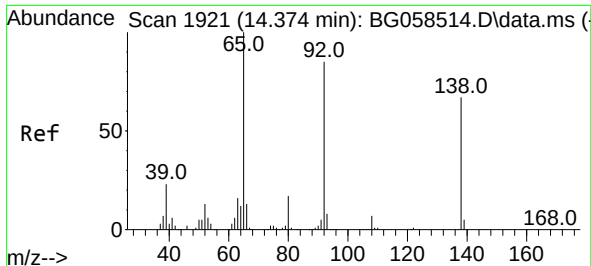
Tgt Ion:165 Resp: 115386
Ion Ratio Lower Upper
165 100
63 62.2 46.4 69.6
89 59.6 45.3 67.9



#52
Acenaphthene
Concen: 46.990 ng
RT: 14.527 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:154 Resp: 354712
Ion Ratio Lower Upper
154 100
153 113.2 91.1 136.7
152 55.9 44.6 66.8

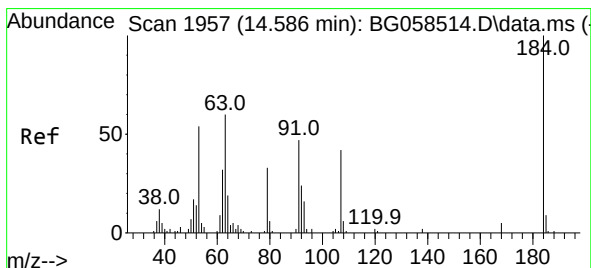
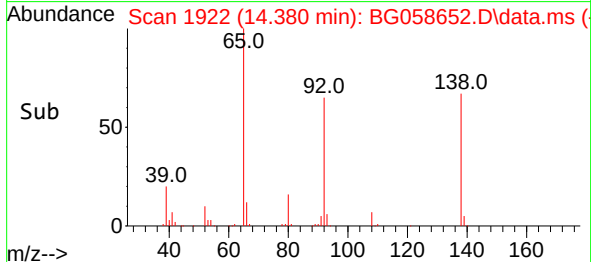
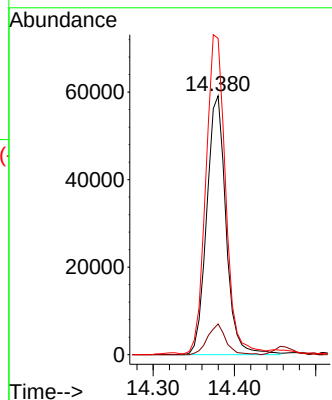
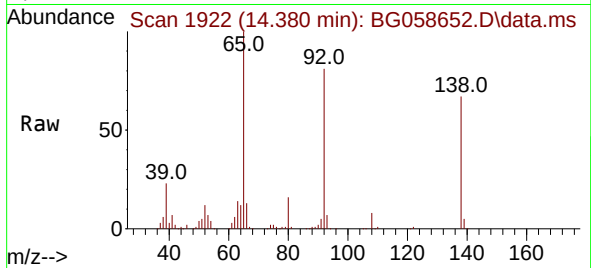




#53
3-Nitroaniline
Concen: 40.475 ng
RT: 14.380 min Scan# 1921
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

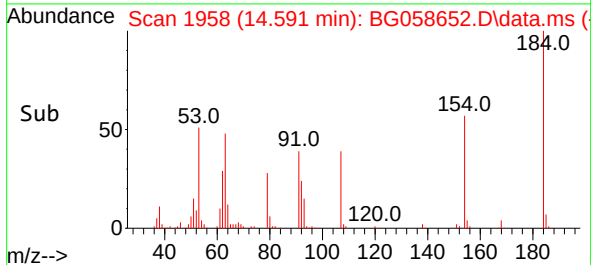
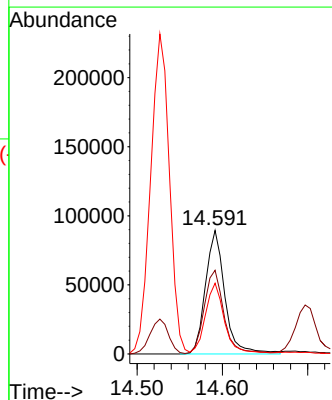
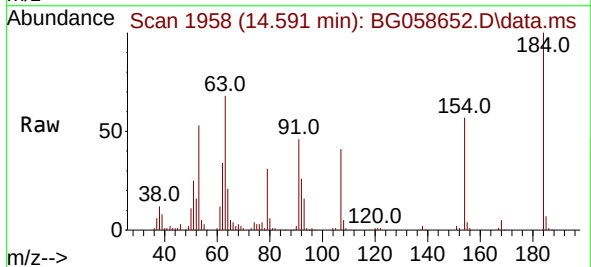
Instrument :
BNA_G
ClientSampleId :
PB154669BS

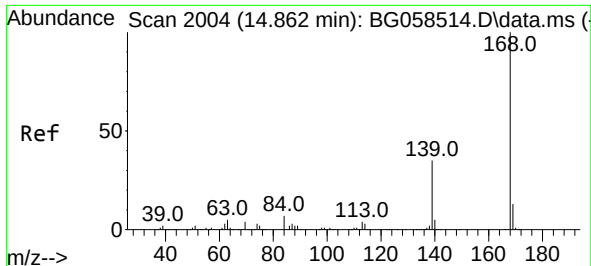
Tgt Ion:138 Resp: 97244
Ion Ratio Lower Upper
138 100
108 11.8 8.3 12.5
92 122.1 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 102.312 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:184 Resp: 141617
Ion Ratio Lower Upper
184 100
63 67.7 56.7 85.1
154 57.2 46.1 69.1

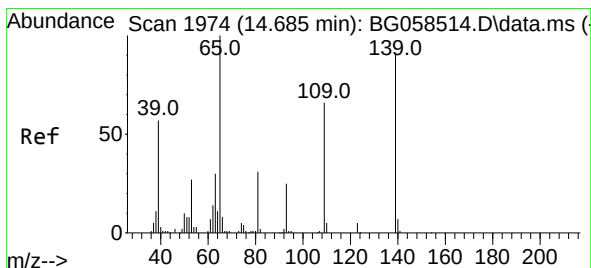
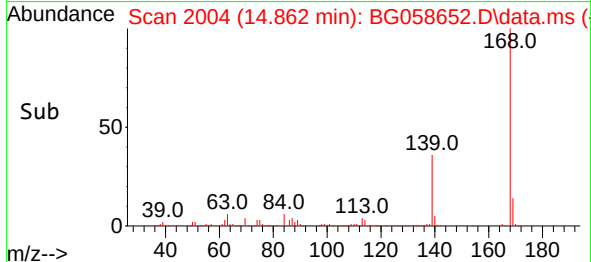
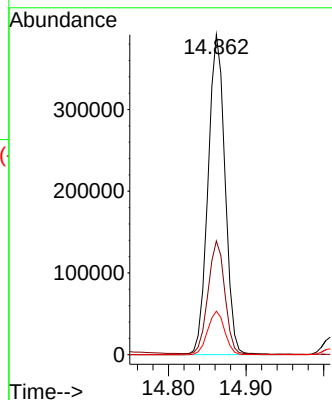
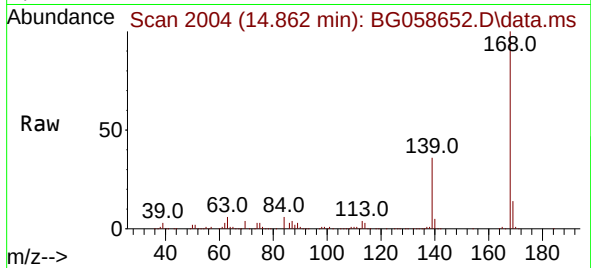




#55
Dibenzofuran
Concen: 45.952 ng
RT: 14.862 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

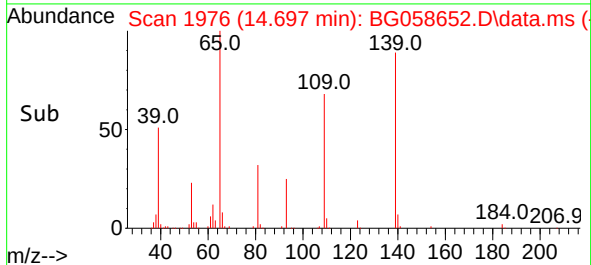
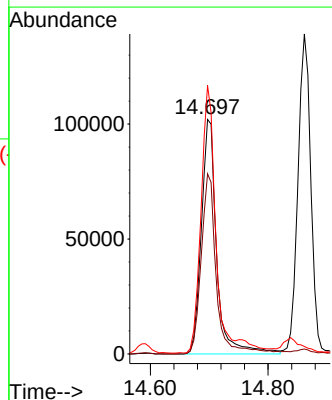
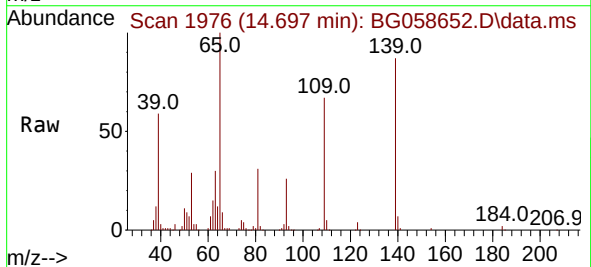
Instrument :
BNA_G
ClientSampleId :
PB154669BS

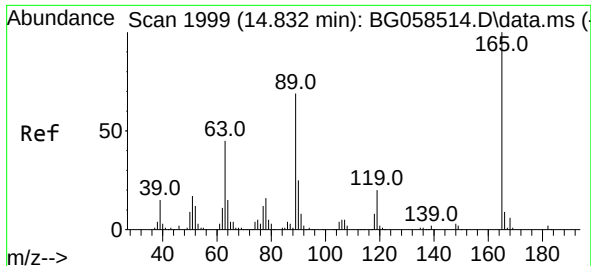
Tgt Ion:168 Resp: 596043
Ion Ratio Lower Upper
168 100
139 35.6 27.8 41.8
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 102.994 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:139 Resp: 185133
Ion Ratio Lower Upper
139 100
109 76.8 52.5 92.5
65 114.4 90.5 130.5

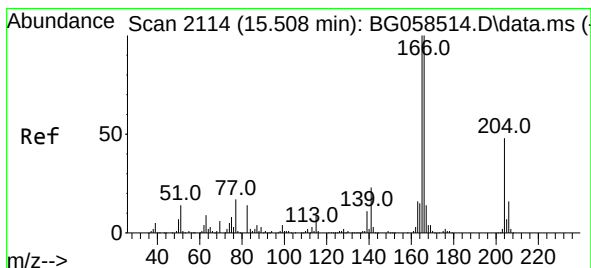
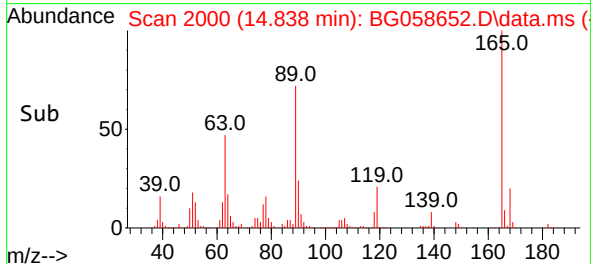
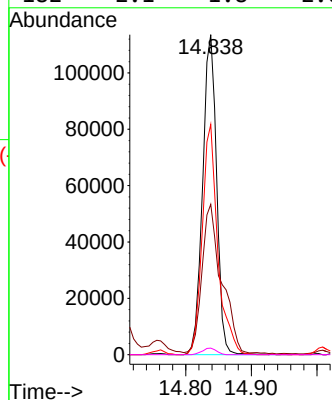
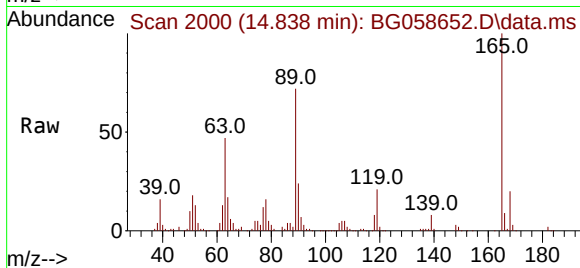




#57
2,4-Dinitrotoluene
Concen: 50.588 ng
RT: 14.838 min Scan# 20
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

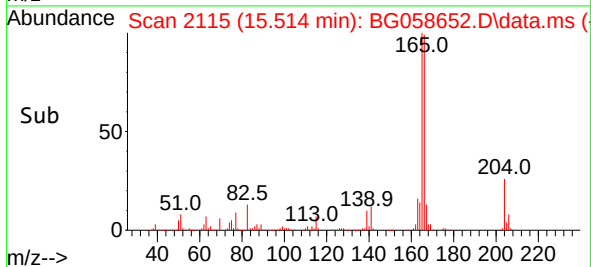
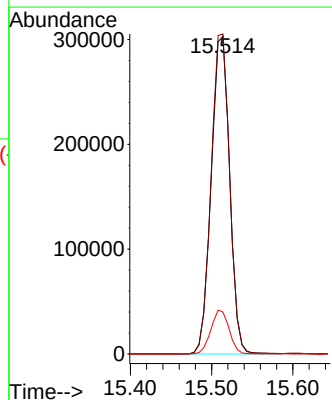
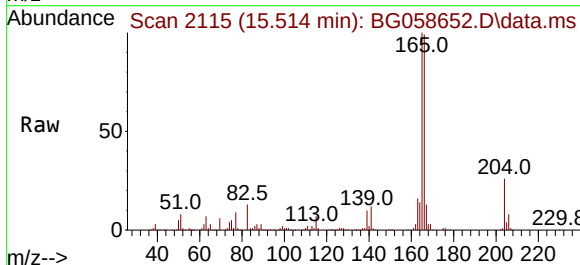
Instrument :
BNA_G
ClientSampleId :
PB154669BS

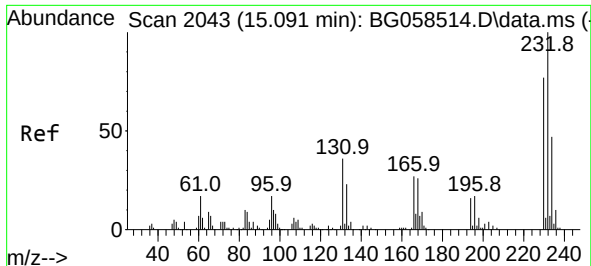
Tgt Ion:165 Resp: 168418
Ion Ratio Lower Upper
165 100
63 47.0 36.6 54.8
89 71.9 55.4 83.0
182 2.1 1.8 2.6



#58
Fluorene
Concen: 46.178 ng
RT: 15.514 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:166 Resp: 475832
Ion Ratio Lower Upper
166 100
165 100.8 80.0 120.0
167 13.2 11.3 16.9

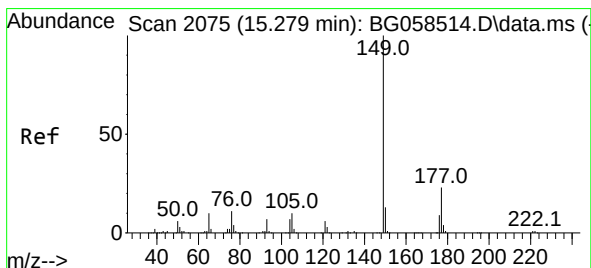
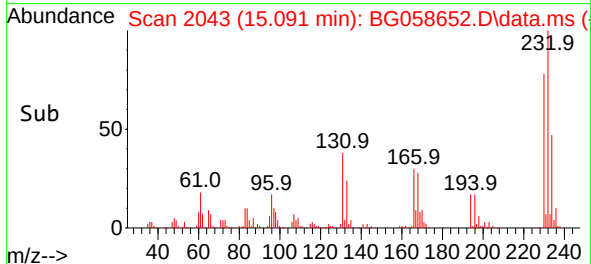
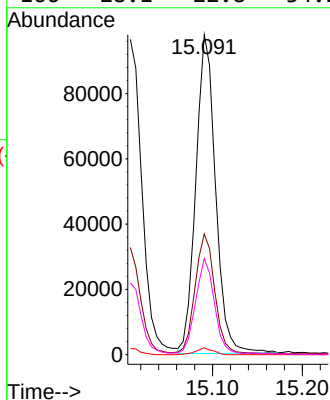
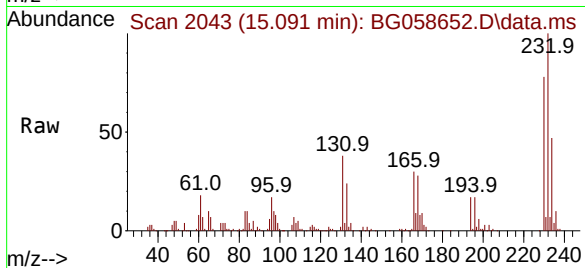




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.185 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

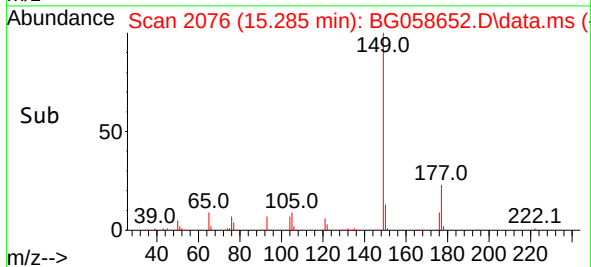
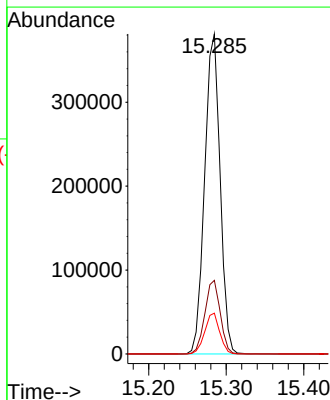
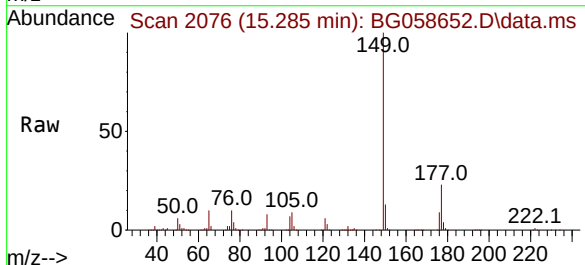
Instrument :
BNA_G
ClientSampleId :
PB154669BS

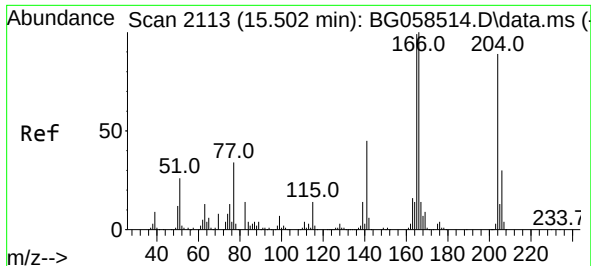
Tgt Ion:232 Resp: 149027
Ion Ratio Lower Upper
232 100
131 37.3 30.0 45.0
130 1.8 1.5 2.3
166 28.1 22.8 34.2



#60
Diethylphthalate
Concen: 47.195 ng
RT: 15.285 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:149 Resp: 526202
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.8 10.2 15.4

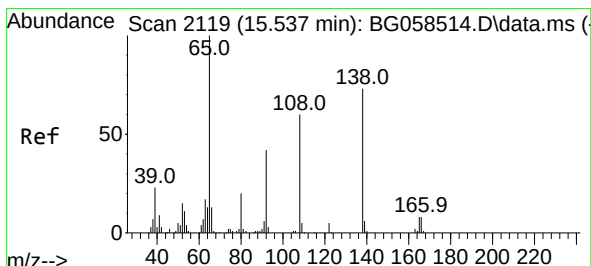
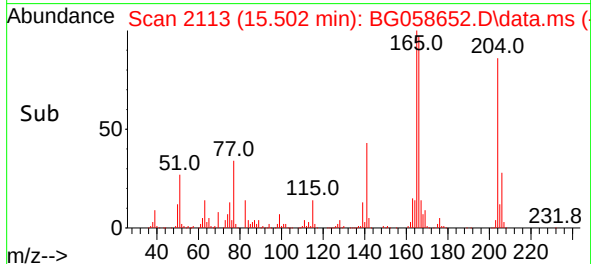
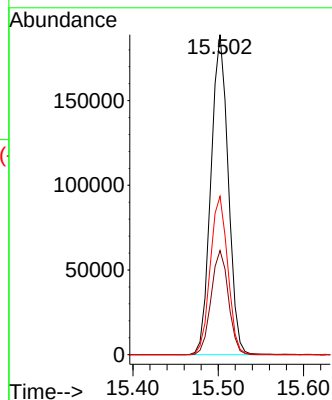
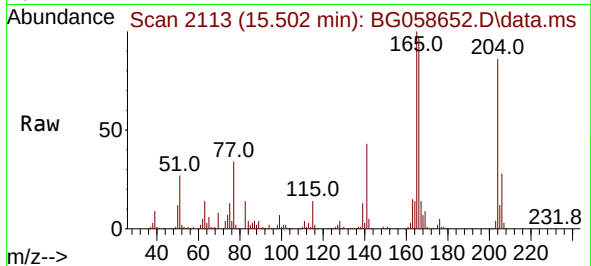




#61
4-Chlorophenyl-phenylether
Concen: 46.317 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

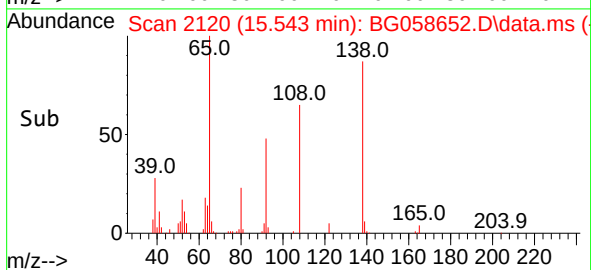
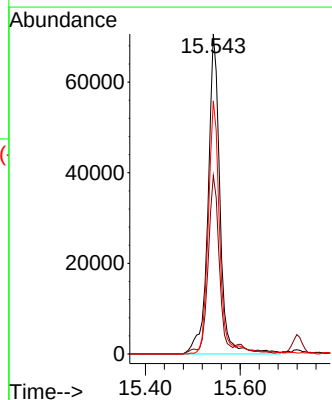
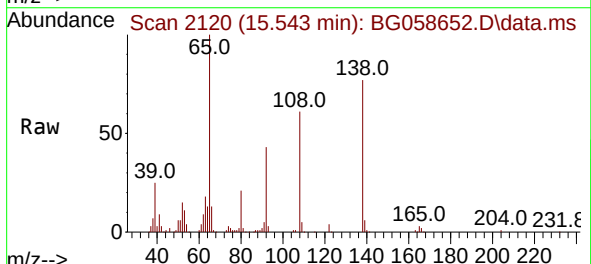
Instrument :
BNA_G
ClientSampleId :
PB154669BS

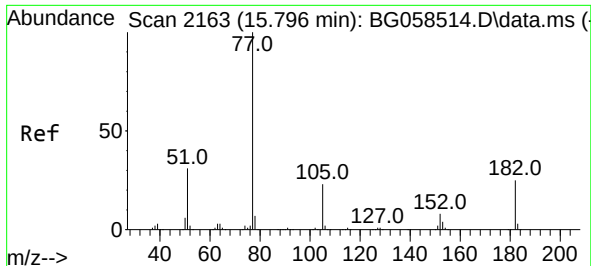
Tgt Ion:204 Resp: 266079
Ion Ratio Lower Upper
204 100
206 32.5 27.0 40.4
141 49.5 40.8 61.2



#62
4-Nitroaniline
Concen: 54.365 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:138 Resp: 123730
Ion Ratio Lower Upper
138 100
92 55.8 37.3 77.3
108 79.1 62.6 102.6





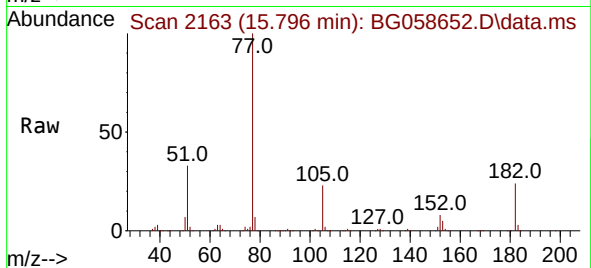
#63
Azobenzene
Concen: 47.023 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Instrument :

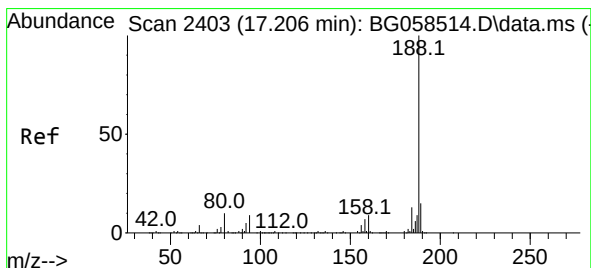
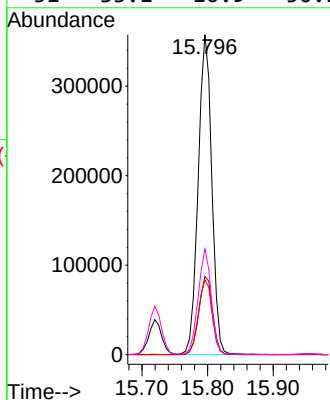
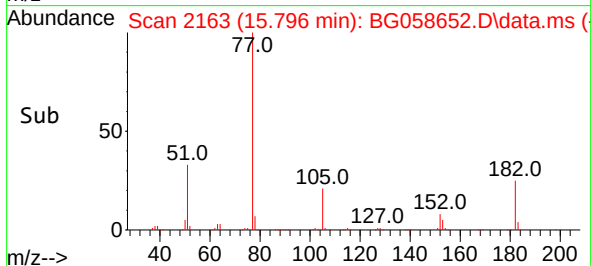
BNA_G

ClientSampleId :

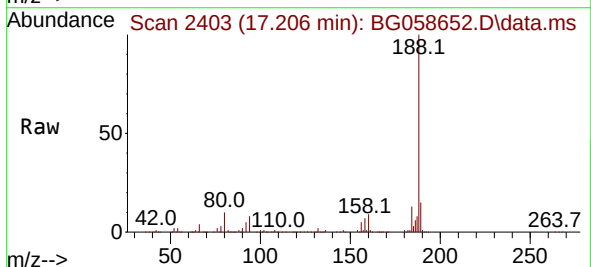
PB154669BS



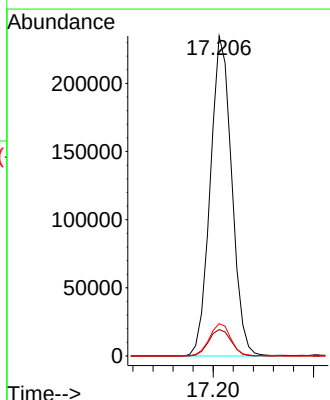
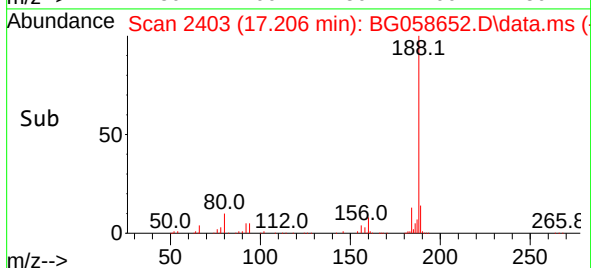
Tgt Ion:	77	Resp:	516394
Ion Ratio	100	Lower	Upper
182	24.4	4.6	44.6
105	23.4	3.3	43.3
51	33.1	10.9	50.9

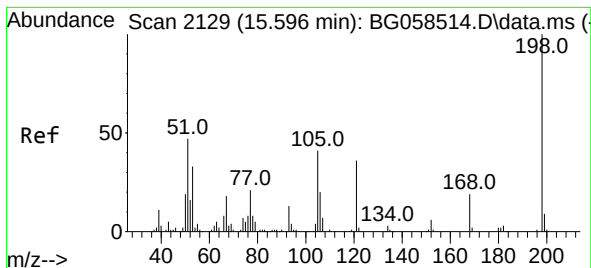


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48



Tgt Ion:	188	Resp:	348605
Ion Ratio	100	Lower	Upper
94	8.3	7.0	10.6
80	10.1	8.1	12.1

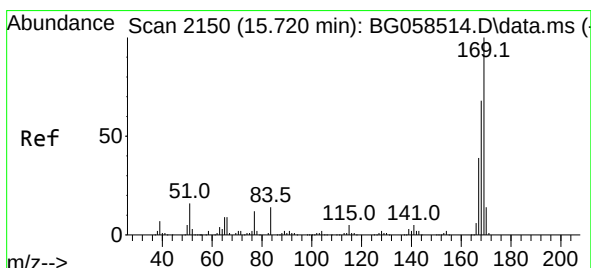
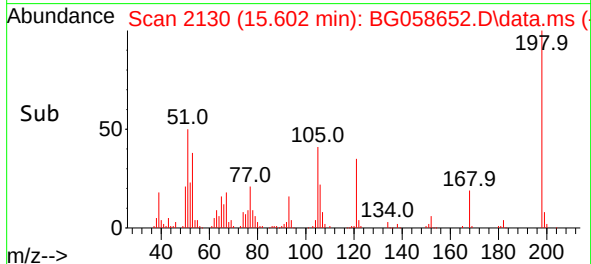
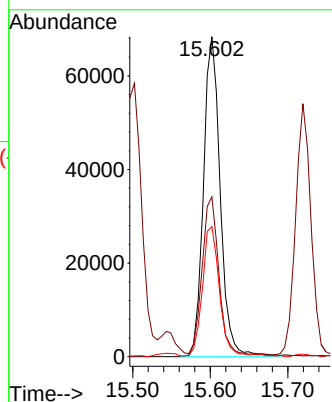
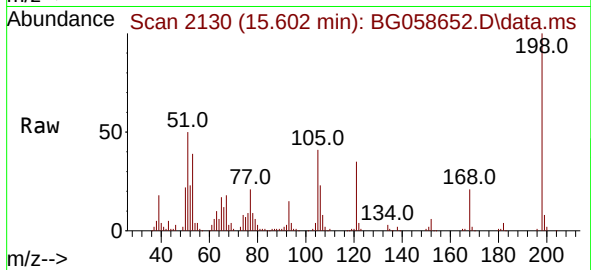




#65
4,6-Dinitro-2-methylphenol
Concen: 53.494 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

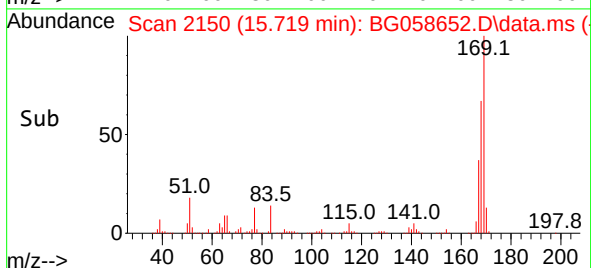
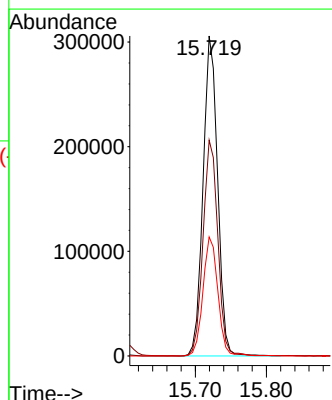
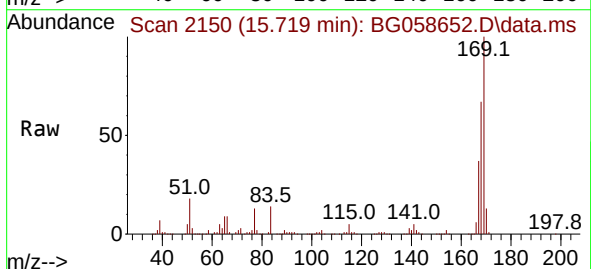
Instrument :
BNA_G
ClientSampleId :
PB154669BS

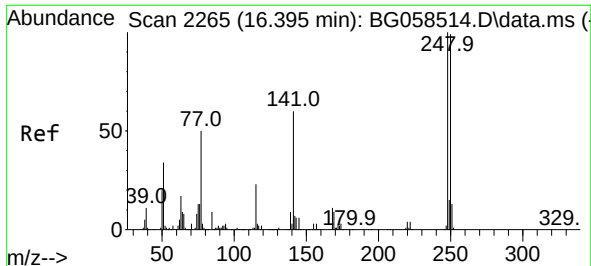
Tgt Ion:198 Resp: 102825
Ion Ratio Lower Upper
198 100
51 50.0 29.3 69.3
105 40.6 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 48.013 ng
RT: 15.719 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:169 Resp: 435634
Ion Ratio Lower Upper
169 100
168 67.4 54.6 82.0
167 37.2 31.3 46.9

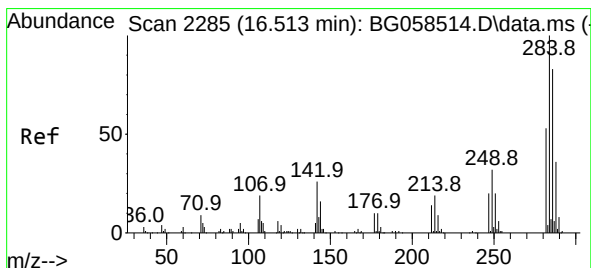
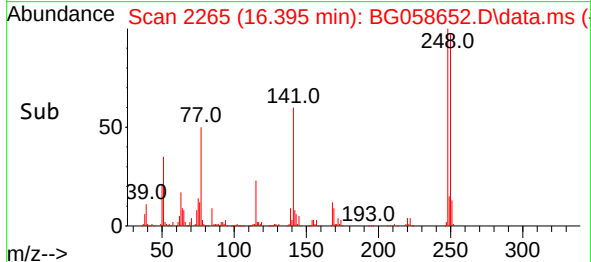
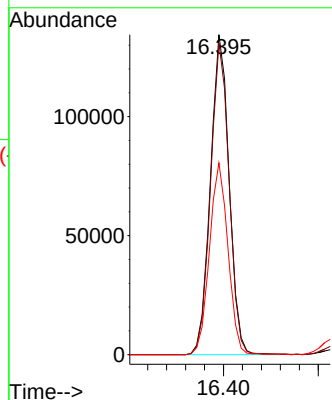
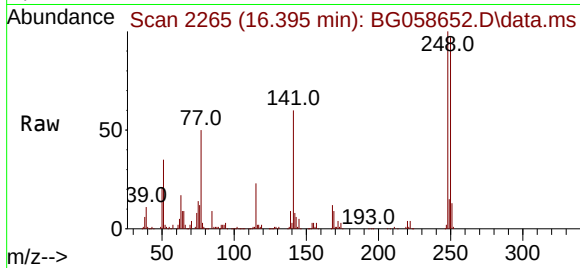




#67
4-Bromophenyl-phenylether
Concen: 46.461 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

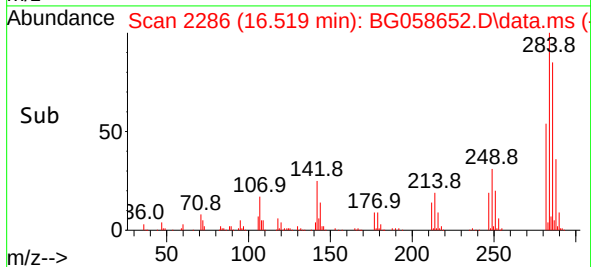
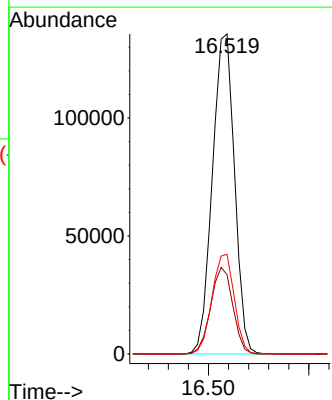
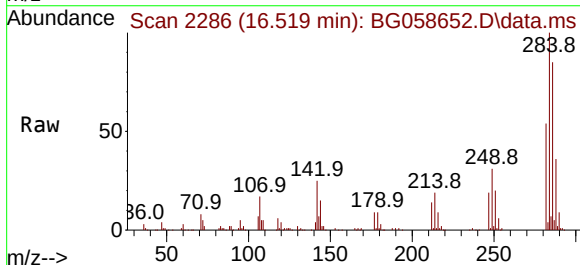
Instrument :
BNA_G
ClientSampleId :
PB154669BS

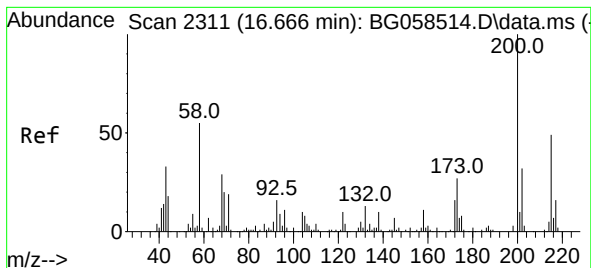
Tgt Ion:248 Resp: 183705
Ion Ratio Lower Upper
248 100
250 97.4 79.5 119.3
141 60.0 48.2 72.2



#68
Hexachlorobenzene
Concen: 49.546 ng
RT: 16.519 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:284 Resp: 207586
Ion Ratio Lower Upper
284 100
142 24.8 21.0 31.4
249 31.2 25.5 38.3





#69

Atrazine

Concen: 59.513 ng

RT: 16.671 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

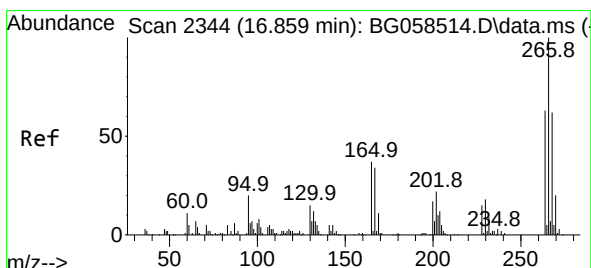
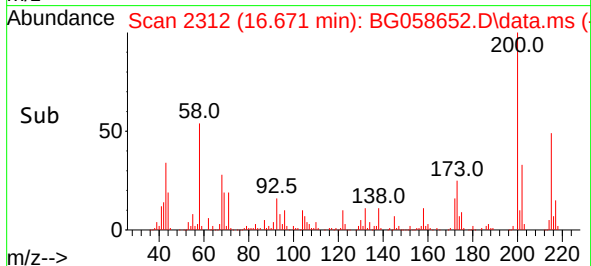
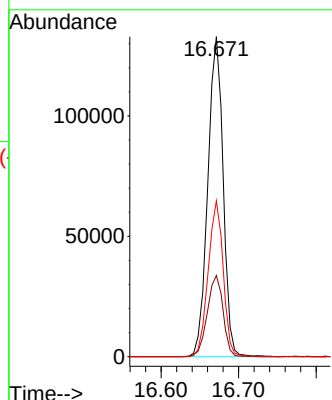
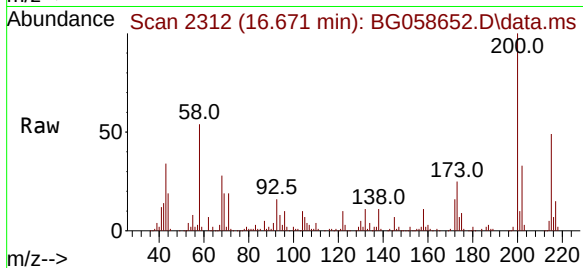
Tgt Ion:200 Resp: 182284

Ion Ratio Lower Upper

200 100

173 25.3 6.5 46.5

215 48.7 28.9 68.9



#70

Pentachlorophenol

Concen: 86.016 ng

RT: 16.865 min Scan# 2345

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

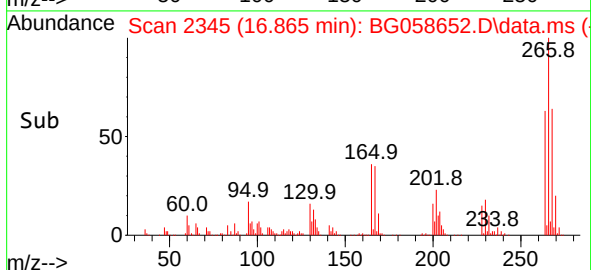
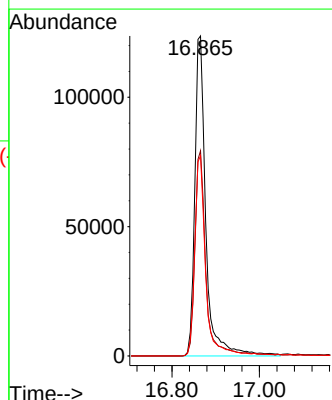
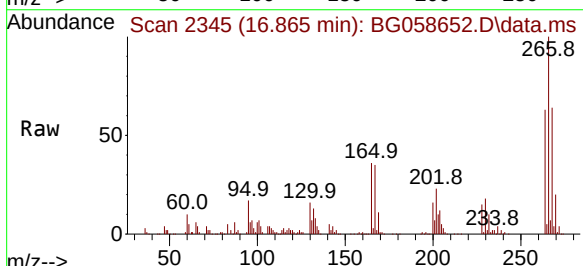
Tgt Ion:266 Resp: 218136

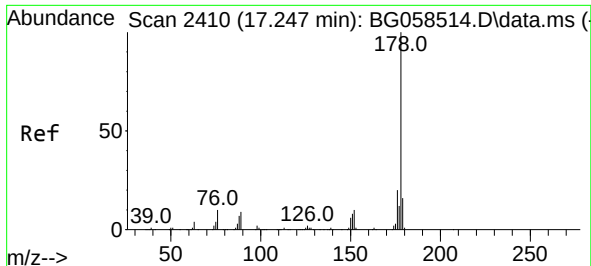
Ion Ratio Lower Upper

266 100

268 64.1 49.9 74.9

264 62.6 50.2 75.4

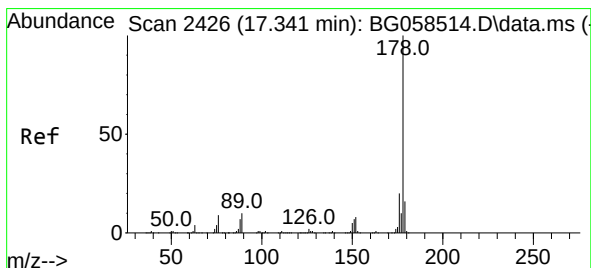
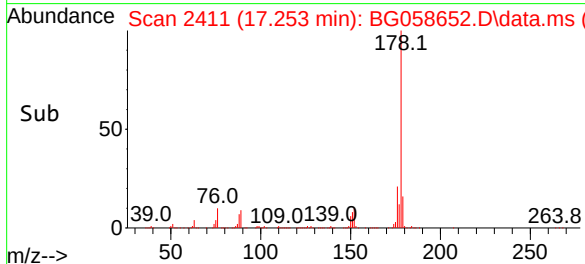
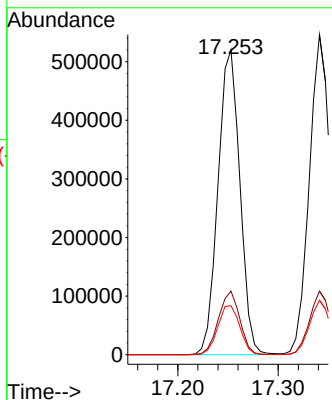
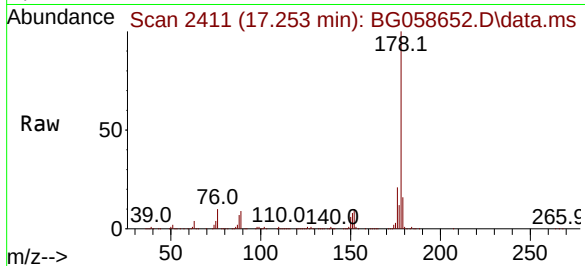




#71
Phenanthrene
Concen: 47.695 ng
RT: 17.253 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

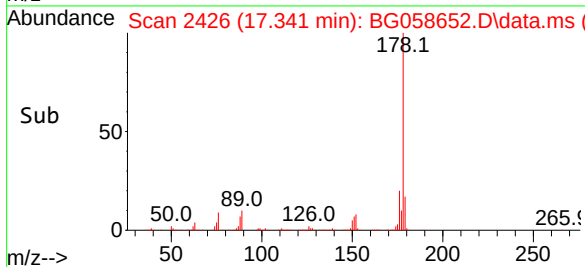
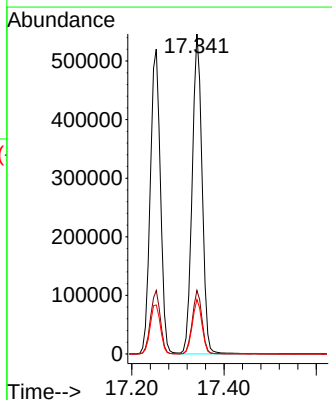
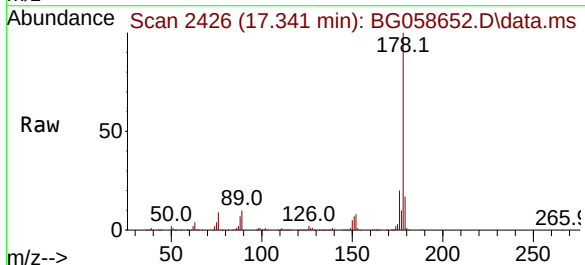
Instrument :
BNA_G
ClientSampleId :
PB154669BS

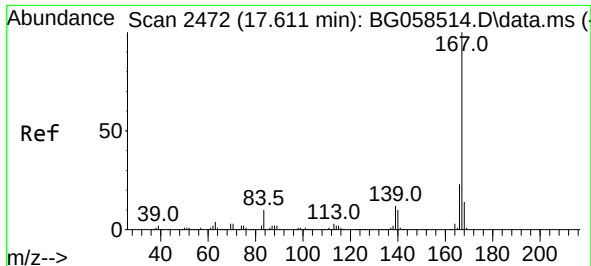
Tgt Ion:178 Resp: 788505
Ion Ratio Lower Upper
178 100
176 20.8 16.3 24.5
179 16.1 13.1 19.7



#72
Anthracene
Concen: 47.811 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:178 Resp: 811039
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 17.0 12.9 19.3

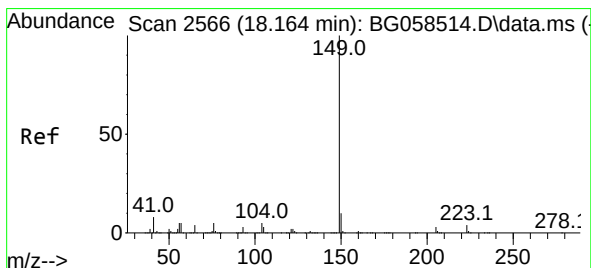
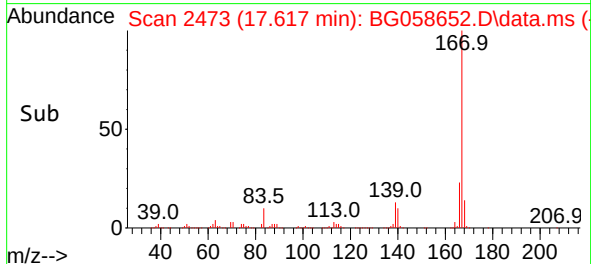
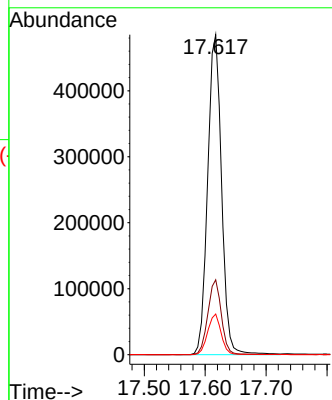
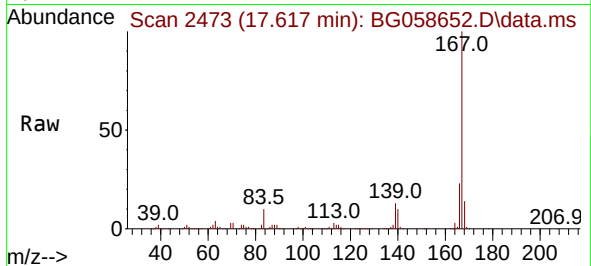




#73
 Carbazole
 Concen: 51.415 ng
 RT: 17.617 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BG058652.D
 Acq: 9 Aug 2023 9:48

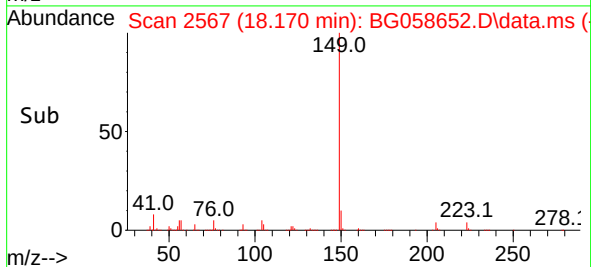
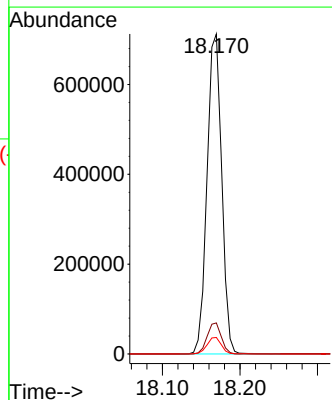
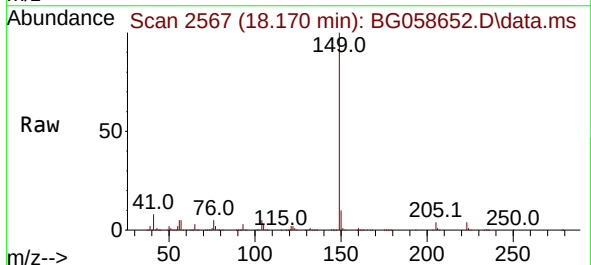
Instrument :
 BNA_G
 ClientSampleId :
 PB154669BS

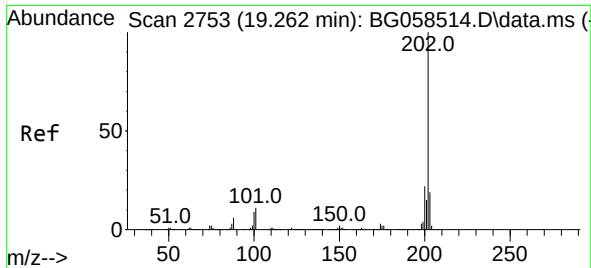
Tgt Ion:167 Resp: 769111
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.4 27.6
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 49.802 ng
 RT: 18.170 min Scan# 2567
 Delta R.T. 0.006 min
 Lab File: BG058652.D
 Acq: 9 Aug 2023 9:48

Tgt Ion:149 Resp: 933134
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.2 4.0 6.0

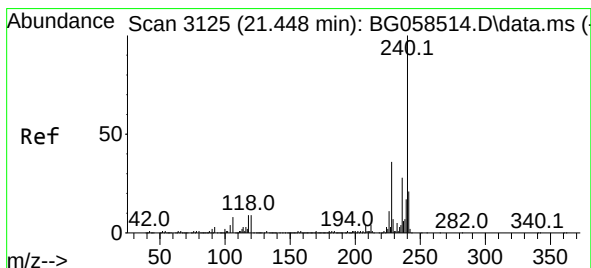
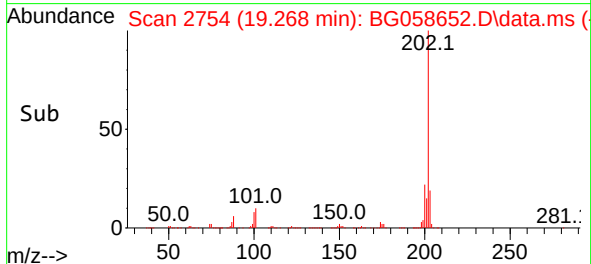
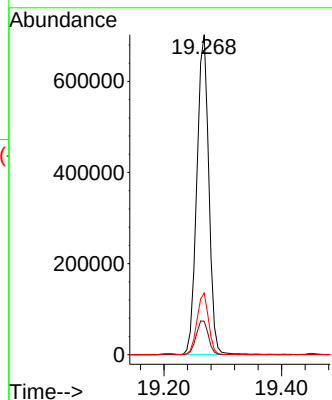
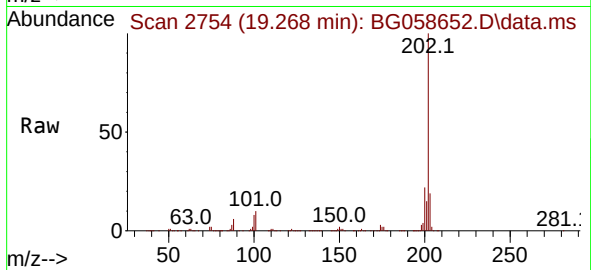




#75
Fluoranthene
Concen: 49.716 ng
RT: 19.268 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

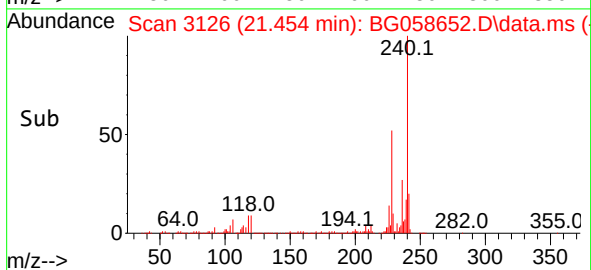
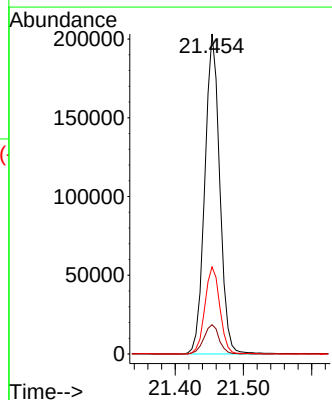
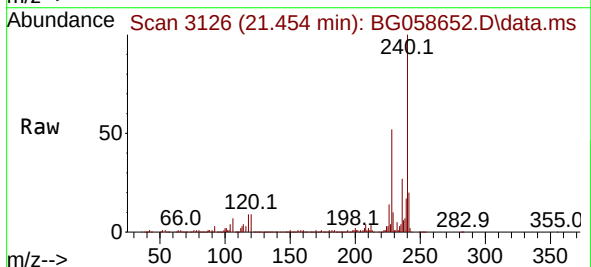
Instrument :
BNA_G
ClientSampleId :
PB154669BS

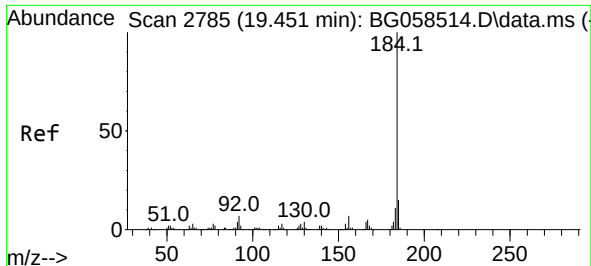
Tgt Ion:202 Resp: 987312
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 19.3 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:240 Resp: 309016
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.2 22.2 33.4

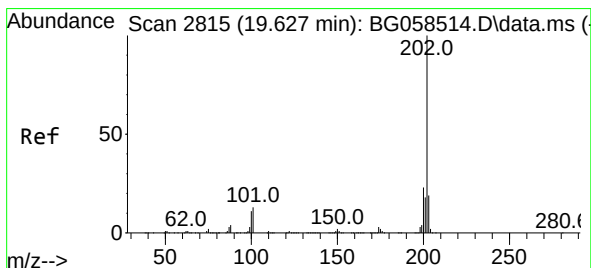
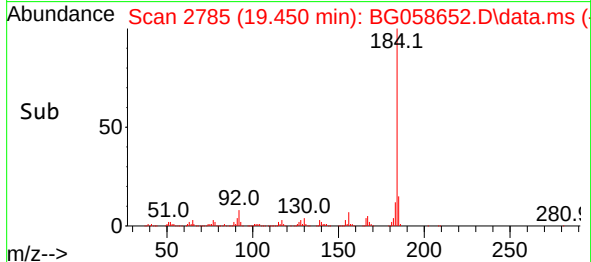
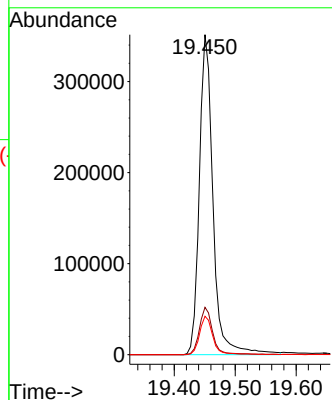
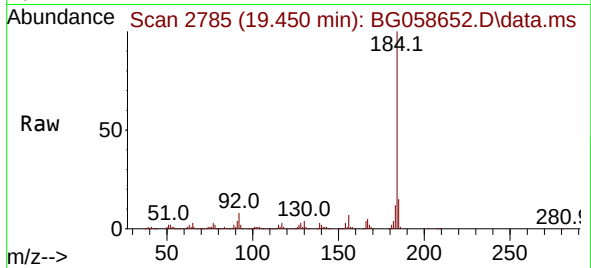




#77
Benzidine
Concen: 116.739 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

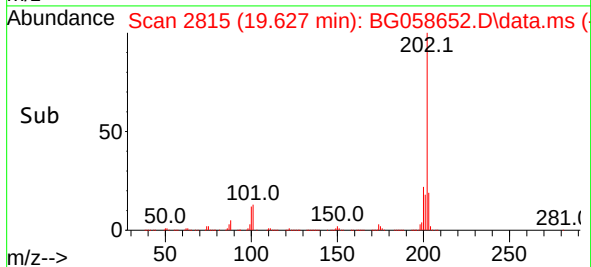
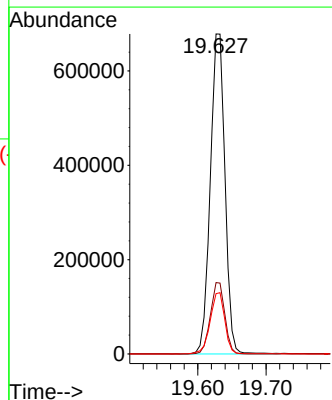
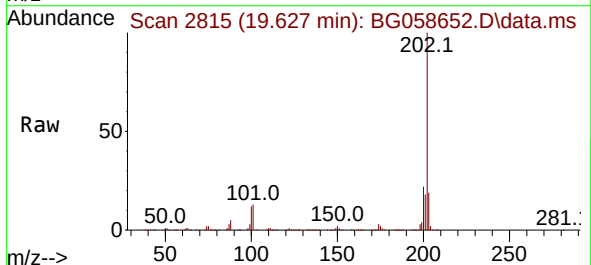
Instrument :
BNA_G
ClientSampleId :
PB154669BS

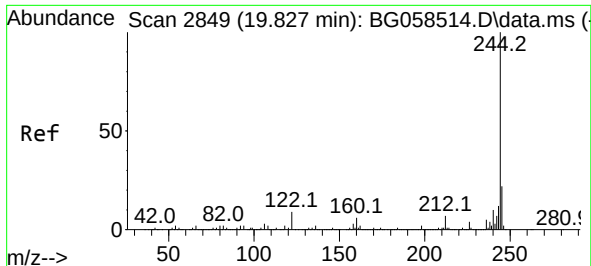
Tgt Ion:184 Resp: 547031
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 12.0 8.7 13.1



#78
Pyrene
Concen: 48.197 ng
RT: 19.627 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:202 Resp: 1013588
Ion Ratio Lower Upper
202 100
200 22.3 18.2 27.2
203 18.8 15.1 22.7

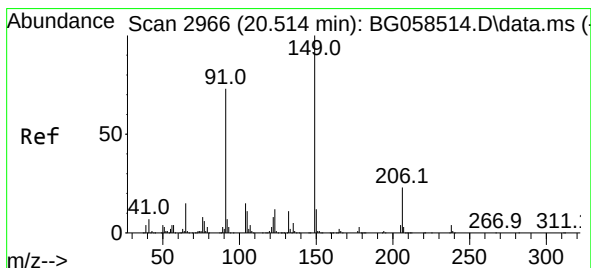
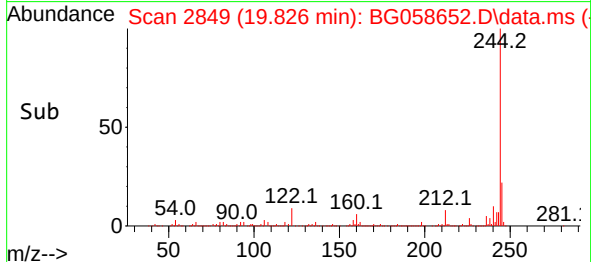
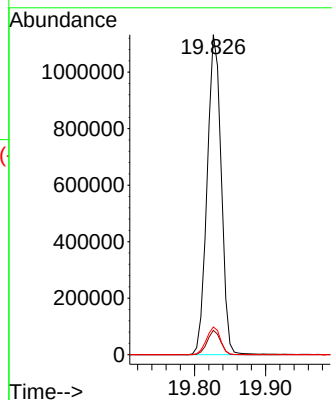
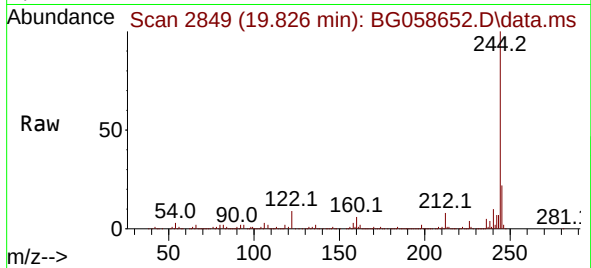




#79
 Terphenyl-d14
 Concen: 95.035 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058652.D
 Acq: 9 Aug 2023 9:48

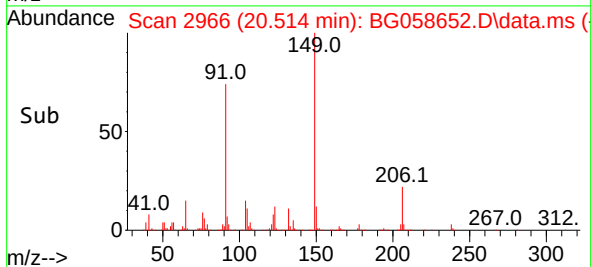
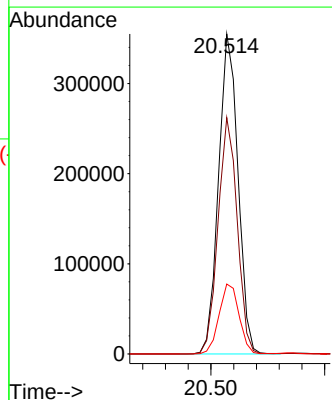
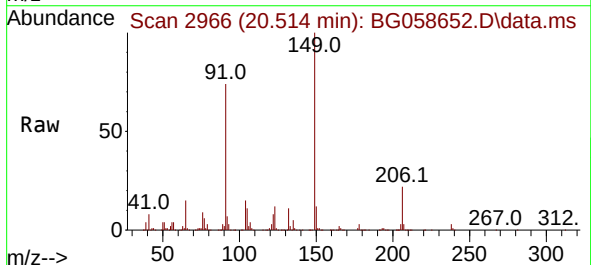
Instrument :
 BNA_G
 ClientSampleId :
 PB154669BS

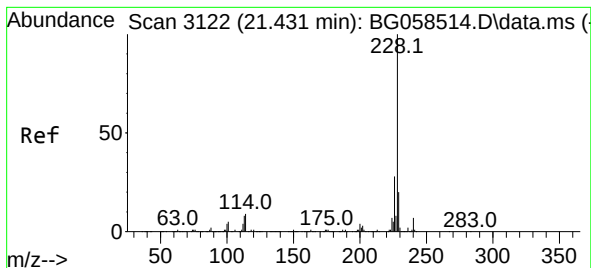
Tgt Ion:244 Resp: 1561656
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 8.6 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 48.853 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BG058652.D
 Acq: 9 Aug 2023 9:48

Tgt Ion:149 Resp: 422013
 Ion Ratio Lower Upper
 149 100
 91 73.9 58.4 87.6
 206 21.9 18.3 27.5





#81

Benzo(a)anthracene

Concen: 49.181 ng

RT: 21.436 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

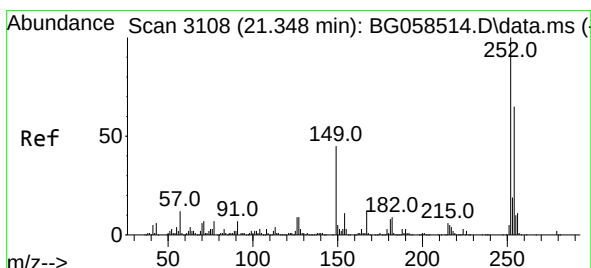
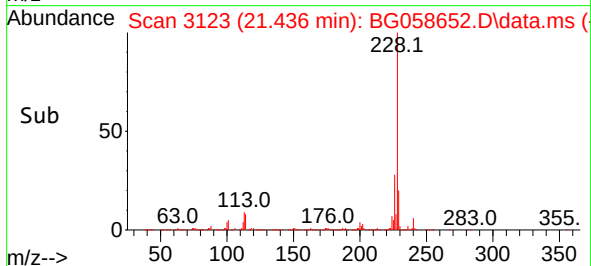
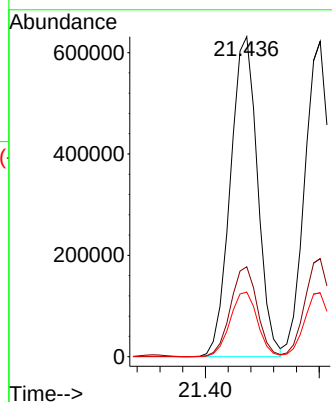
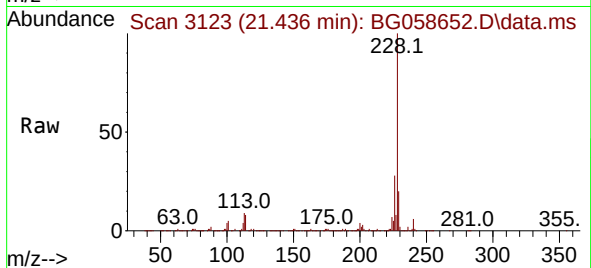
Tgt Ion:228 Resp: 1045896

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 20.2 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 47.191 ng

RT: 21.354 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

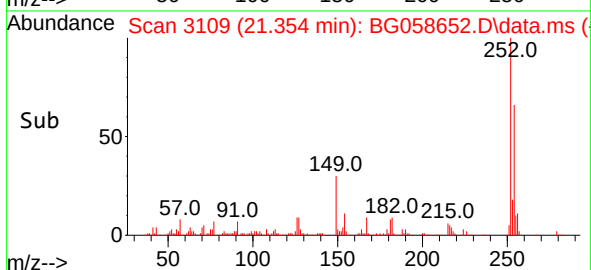
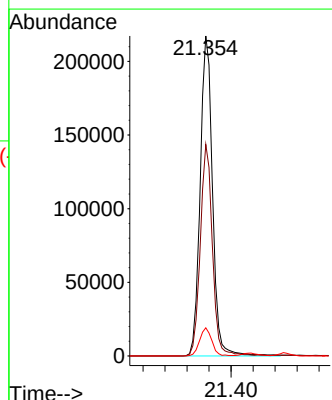
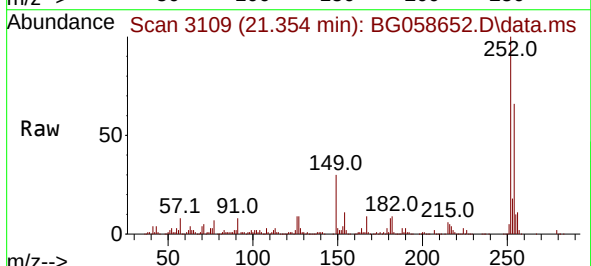
Tgt Ion:252 Resp: 339314

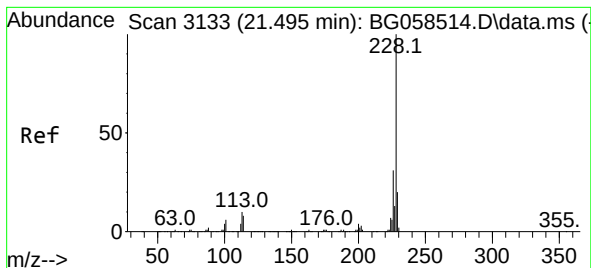
Ion Ratio Lower Upper

252 100

254 66.1 52.2 78.4

126 8.8 7.2 10.8





#83

Chrysene

Concen: 47.905 ng

RT: 21.501 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

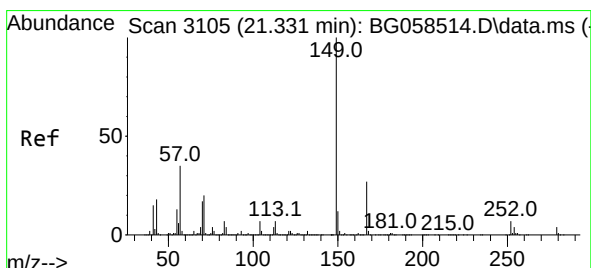
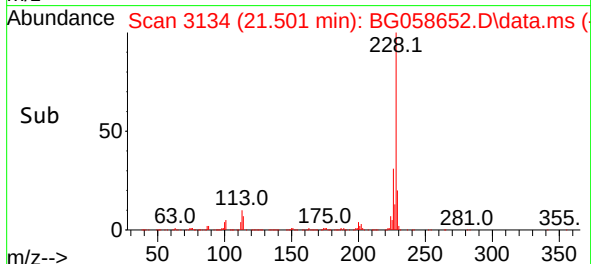
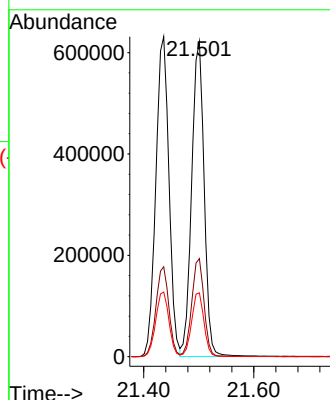
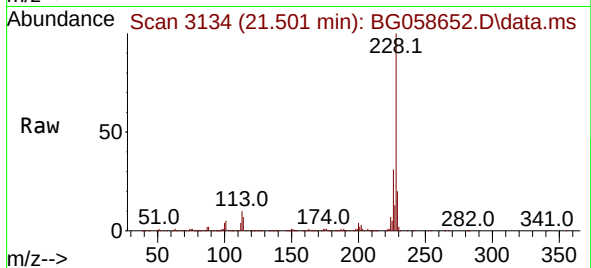
Tgt Ion:228 Resp: 976780

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

229 20.2 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.745 ng

RT: 21.336 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

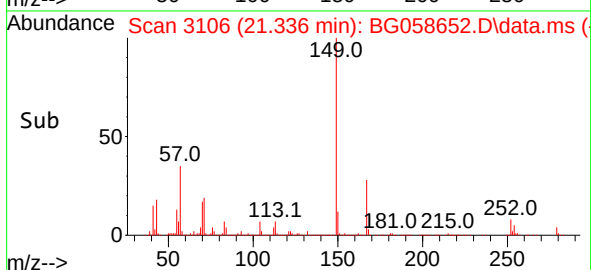
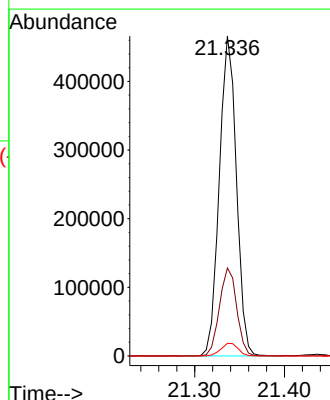
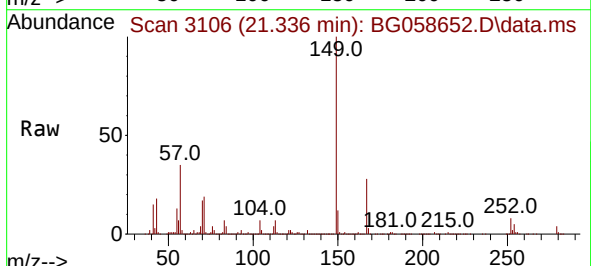
Tgt Ion:149 Resp: 615328

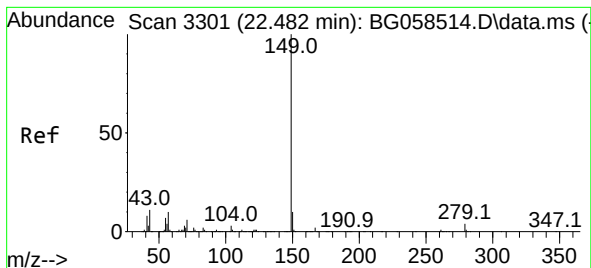
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 49.542 ng

RT: 22.488 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

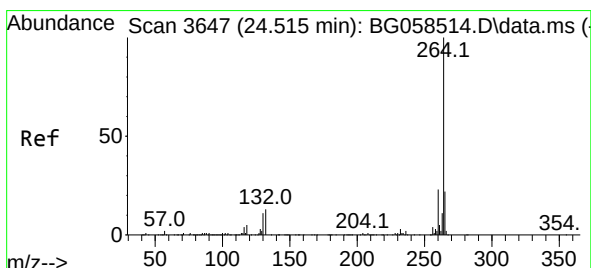
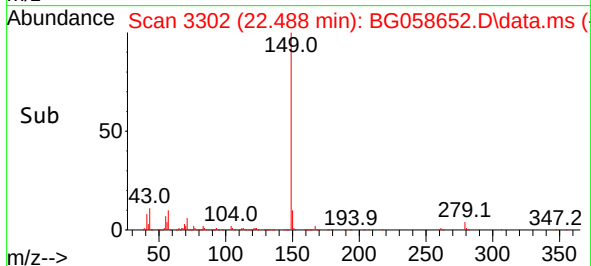
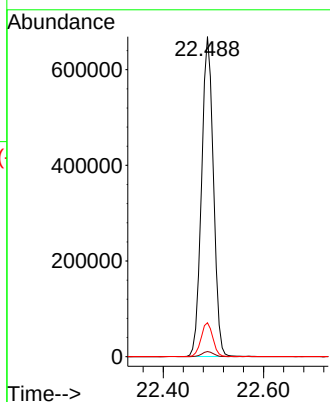
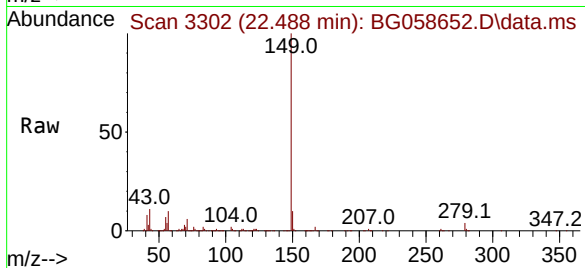
Tgt Ion:149 Resp: 1099530

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

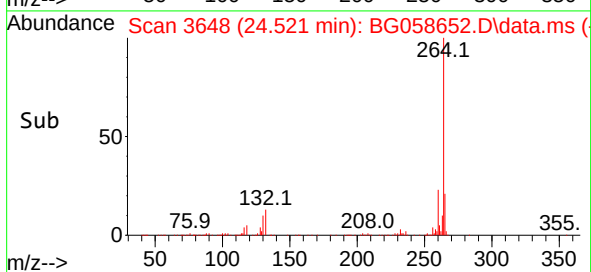
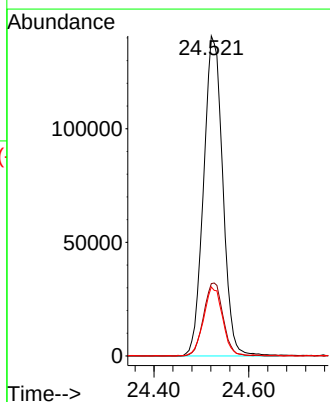
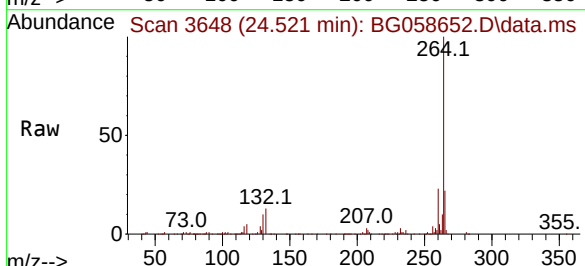
Tgt Ion:264 Resp: 394752

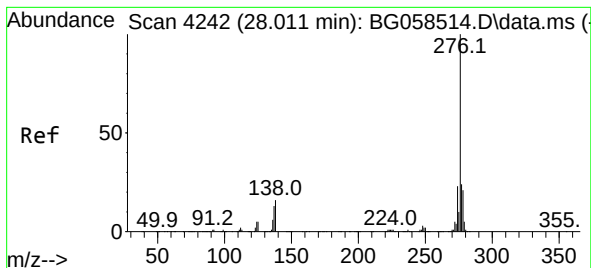
Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

265 21.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.766 ng

RT: 28.029 min Scan# 41

Delta R.T. 0.017 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

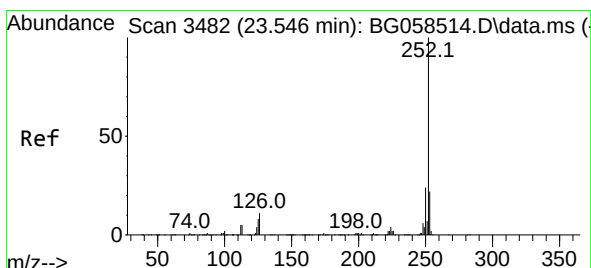
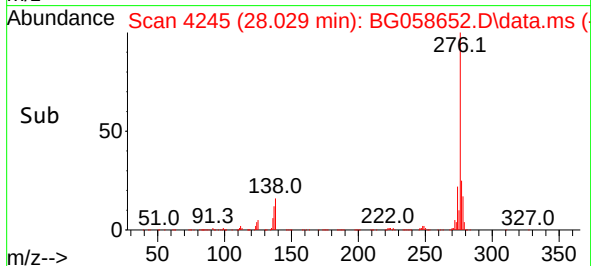
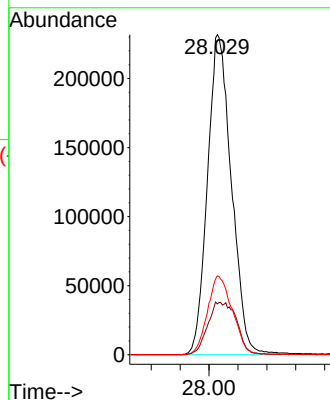
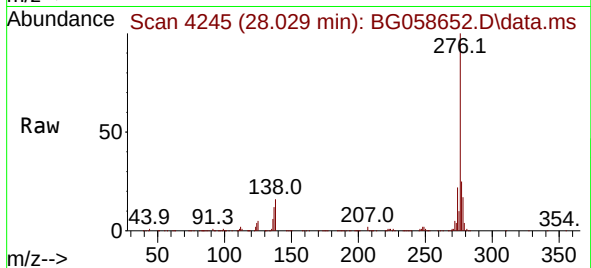
Tgt Ion:276 Resp: 1333195

Ion Ratio Lower Upper

276 100

138 19.7 16.0 24.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 52.846 ng

RT: 23.551 min Scan# 3483

Delta R.T. 0.006 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

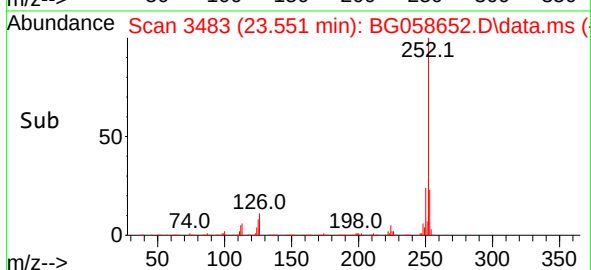
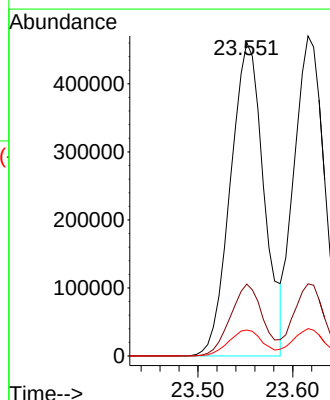
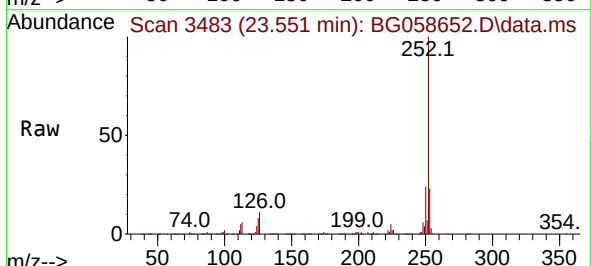
Tgt Ion:252 Resp: 1131451

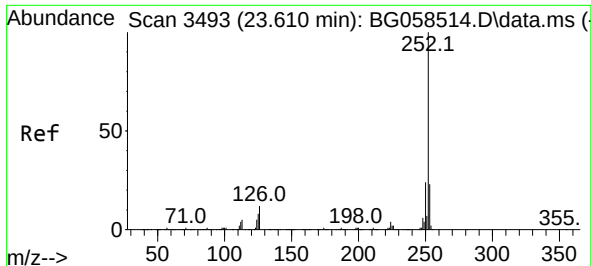
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 8.3 6.6 9.8

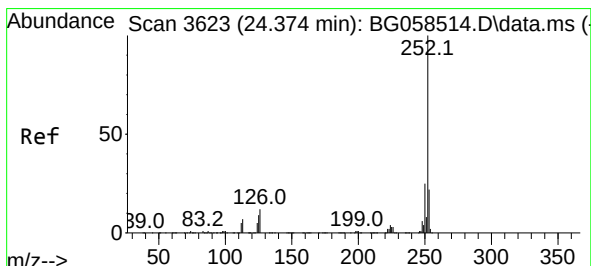
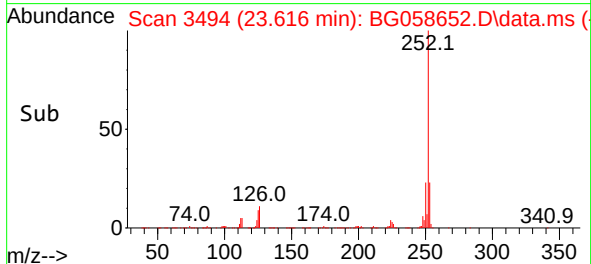
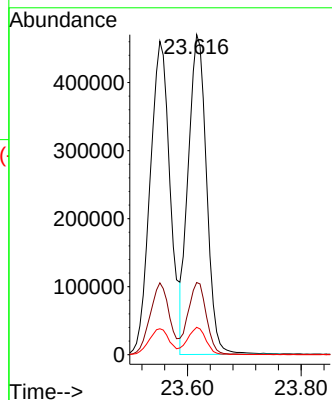
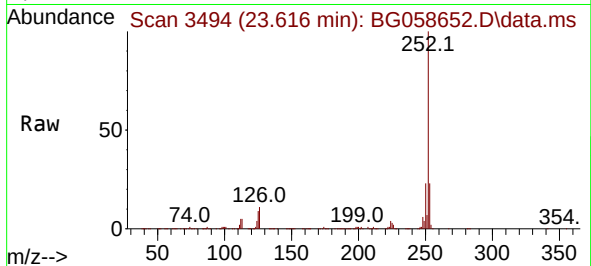




#89
Benzo(k)fluoranthene
Concen: 48.871 ng
RT: 23.616 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

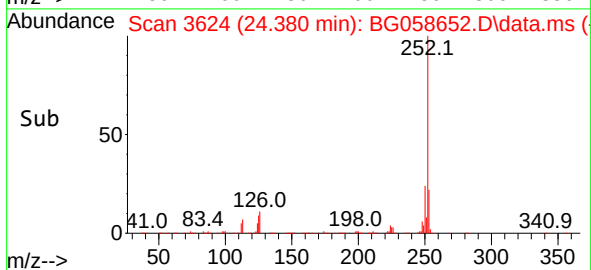
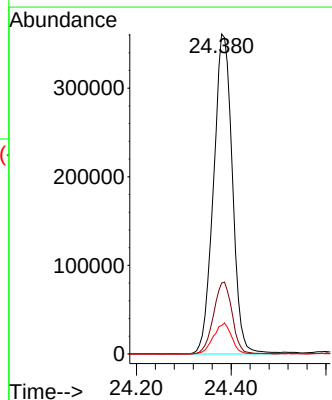
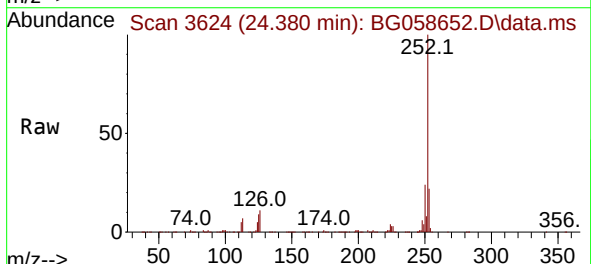
Instrument :
BNA_G
ClientSampleId :
PB154669BS

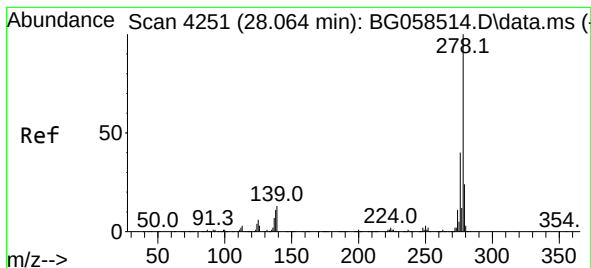
Tgt Ion:252 Resp: 1051159
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.6 6.6 10.0



#90
Benzo(a)pyrene
Concen: 47.425 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058652.D
Acq: 9 Aug 2023 9:48

Tgt Ion:252 Resp: 997176
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 50.917 ng

RT: 28.087 min Scan# 41

Delta R.T. 0.023 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Instrument :

BNA_G

ClientSampleId :

PB154669BS

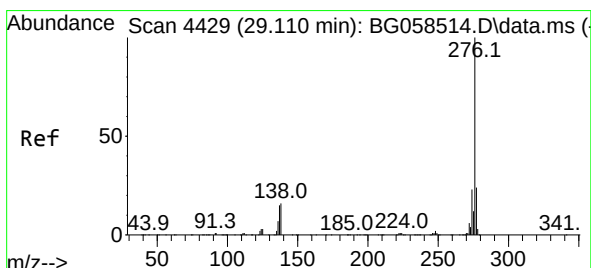
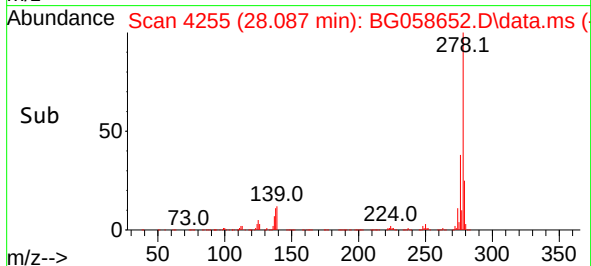
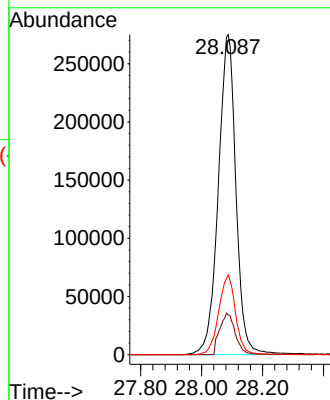
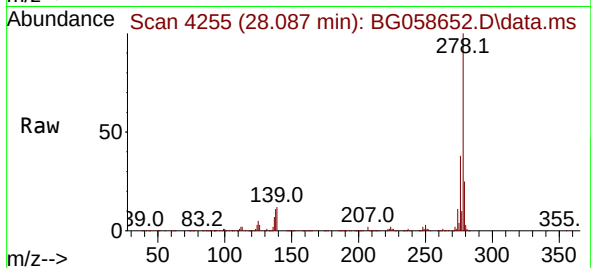
Tgt Ion:278 Resp: 1105640

Ion Ratio Lower Upper

278 100

139 12.5 10.4 15.6

279 24.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 49.825 ng

RT: 29.127 min Scan# 4432

Delta R.T. 0.018 min

Lab File: BG058652.D

Acq: 9 Aug 2023 9:48

Tgt Ion:276 Resp: 1084911

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 17.1 13.0 19.4

