

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058699.D
 Acq On : 11 Aug 2023 11:46
 Operator : MA/JU
 Sample : PB154732BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154732BS

Quant Time: Aug 11 12:20:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	41513	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	180403	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	130277	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	323662	20.000	ng	0.00
76) Chrysene-d12	21.451	240	286430	20.000	ng	0.00
86) Perylene-d12	24.524	264	363719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	367037	135.139	ng	0.00
7) Phenol-d6	6.986	99	502365	132.926	ng	0.00
23) Nitrobenzene-d5	8.978	82	304307	82.865	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	263320	123.316	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	686078	78.920	ng	0.00
79) Terphenyl-d14	19.830	244	1349279	88.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	46053	34.992	ng	99
3) Pyridine	3.660	79	116890	32.577	ng	95
4) n-Nitrosodimethylamine	3.578	42	71810	47.234	ng	93
6) Aniline	7.139	93	176628	37.960	ng	97
8) 2-Chlorophenol	7.380	128	144178	54.111	ng	98
9) Benzaldehyde	6.951	77	79691	38.811	ng	99
10) Phenol	7.015	94	203031	54.996	ng	98
11) bis(2-Chloroethyl)ether	7.233	93	138351	47.536	ng	98
12) 1,3-Dichlorobenzene	7.697	146	136832	48.093	ng	98
13) 1,4-Dichlorobenzene	7.844	146	139917	48.977	ng	97
14) 1,2-Dichlorobenzene	8.161	146	136968	50.147	ng	98
15) Benzyl Alcohol	8.055	79	140518	58.629	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.343	45	240669	50.906	ng	99
17) 2-Methylphenol	8.261	107	136349	50.512	ng	98
18) Hexachloroethane	8.890	117	51431	49.531	ng	94
19) n-Nitroso-di-n-propyla...	8.619	70	118003	48.339	ng	99
20) 3+4-Methylphenols	8.590	107	186952	51.202	ng	98
22) Acetophenone	8.637	105	229143	47.437	ng	99
24) Nitrobenzene	9.019	77	173583	46.495	ng	98
25) Isophorone	9.536	82	342254	45.107	ng	100
26) 2-Nitrophenol	9.730	139	78004	47.999	ng	97
27) 2,4-Dimethylphenol	9.789	122	128787	47.776	ng	96
28) bis(2-Chloroethoxy)met...	10.024	93	193036	46.749	ng	99
29) 2,4-Dichlorophenol	10.265	162	141331	50.495	ng	98
30) 1,2,4-Trichlorobenzene	10.476	180	151636	46.978	ng	96
31) Naphthalene	10.664	128	434924	45.742	ng	99
32) Benzoic acid	9.959	122	79475	39.511	ng	98
33) 4-Chloroaniline	10.782	127	115935	28.859	ng	99
34) Hexachlorobutadiene	10.940	225	95366	45.878	ng	97
35) Caprolactam	11.563	113	31542	30.518	ng	95
36) 4-Chloro-3-methylphenol	11.916	107	176310	50.923	ng	99
37) 2-Methylnaphthalene	12.280	142	303454	44.616	ng	98
38) 1-Methylnaphthalene	12.497	142	293529	45.401	ng	100
40) 1,2,4,5-Tetrachloroben...	12.650	216	177847	44.466	ng	100
41) Hexachlorocyclopentadiene	12.626	237	151691	81.514	ng	99
43) 2,4,6-Trichlorophenol	12.891	196	129061	46.914	ng	97

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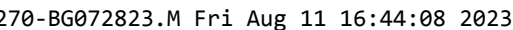
Instrument :
 BNA_G
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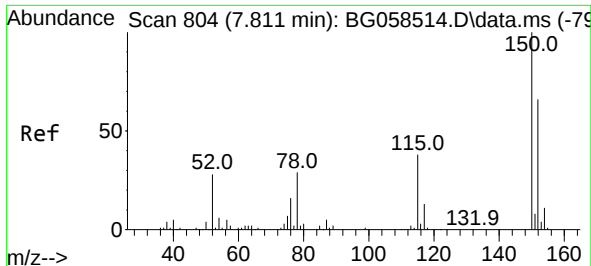
Quant Time: Aug 11 12:20:46 2023
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 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	141663	43.719	ng	97
46) 1,1'-Biphenyl	13.290	154	403010	45.045	ng	99
47) 2-Chloronaphthalene	13.337	162	325771	46.700	ng	99
48) 2-Nitroaniline	13.549	65	130506	49.014	ng	97
49) Acenaphthylene	14.183	152	543811	46.562	ng	100
50) Dimethylphthalate	13.919	163	457762	46.786	ng	99
51) 2,6-Dinitrotoluene	14.042	165	103092	48.021	ng	95
52) Acenaphthene	14.524	154	305805	45.315	ng	98
53) 3-Nitroaniline	14.377	138	74006	34.456	ng	96
54) 2,4-Dinitrophenol	14.595	184	115691	94.137	ng	96
55) Dibenzofuran	14.859	168	524288	45.213	ng	98
56) 4-Nitrophenol	14.700	139	158207	98.597	ng	97
57) 2,4-Dinitrotoluene	14.836	165	149993	50.396	ng	91
58) Fluorene	15.511	166	426361	46.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	135138	48.875	ng	97
60) Diethylphthalate	15.282	149	469806	47.133	ng	100
61) 4-Chlorophenyl-phenyle...	15.500	204	237225	46.191	ng	98
62) 4-Nitroaniline	15.547	138	106481	52.333	ng	97
63) Azobenzene	15.793	77	456510	46.499	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	90221	50.554	ng	97
66) n-Nitrosodiphenylamine	15.723	169	386347	45.863	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	165779	45.159	ng	95
68) Hexachlorobenzene	16.516	284	187433	48.183	ng	99
69) Atrazine	16.669	200	162579	57.171	ng	98
70) Pentachlorophenol	16.863	266	187532	79.647	ng	99
71) Phenanthrene	17.250	178	714284	46.535	ng	99
72) Anthracene	17.344	178	732087	46.482	ng	99
73) Carbazole	17.615	167	693179	49.910	ng	99
74) Di-n-butylphthalate	18.167	149	838793	48.217	ng	99
75) Fluoranthene	19.266	202	883697	47.928	ng	99
77) Benzidine	19.454	184	303144	69.794	ng	98
78) Pyrene	19.630	202	913851	46.881	ng	99
80) Butylbenzylphthalate	20.517	149	374271	46.743	ng	98
81) Benzo(a)anthracene	21.434	228	938549	47.613	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	279423	41.926	ng	99
83) Chrysene	21.498	228	876749	46.390	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	544230	46.512	ng	99
85) Di-n-octyl phthalate	22.485	149	979780	47.628	ng	100
87) Indeno(1,2,3-cd)pyrene	28.032	276	1200309	49.606	ng	99
88) Benzo(b)fluoranthene	23.549	252	989173	50.142	ng	99
89) Benzo(k)fluoranthene	23.619	252	951027	47.988	ng	100
90) Benzo(a)pyrene	24.383	252	884755	45.668	ng	98
91) Dibenzo(a,h)anthracene	28.091	278	991007	49.532	ng	98
92) Benzo(g,h,i)perylene	29.137	276	962664	47.983	ng	99

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

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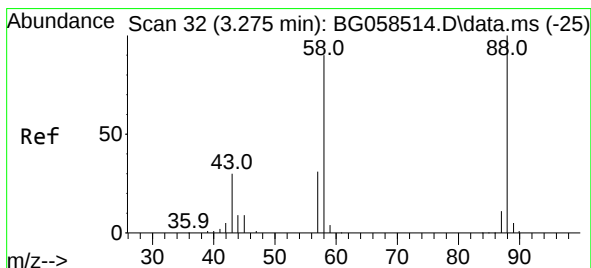
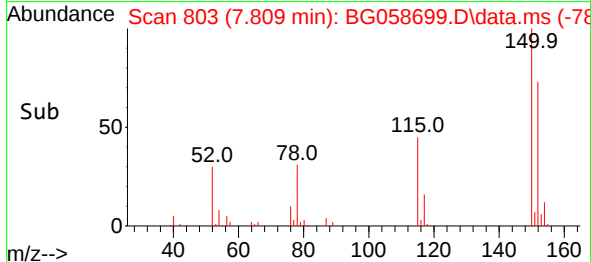
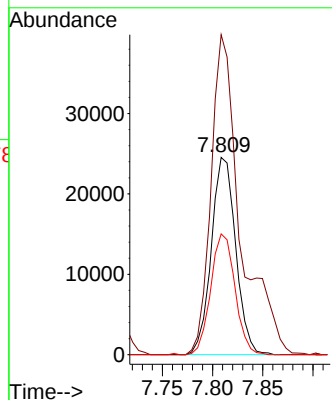
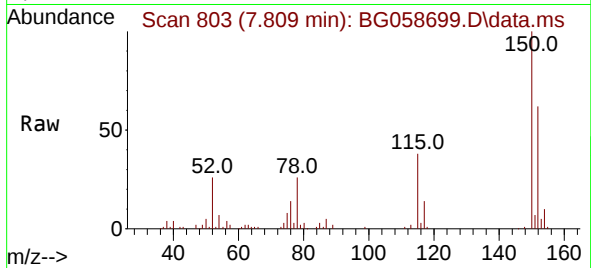




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.809 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

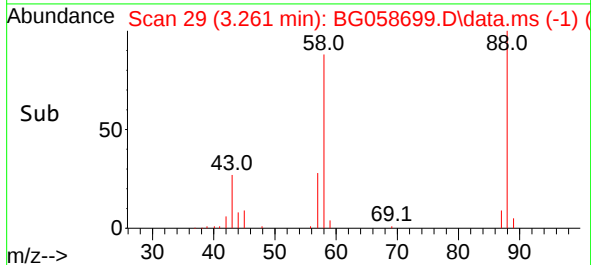
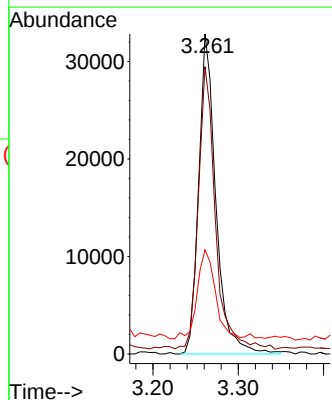
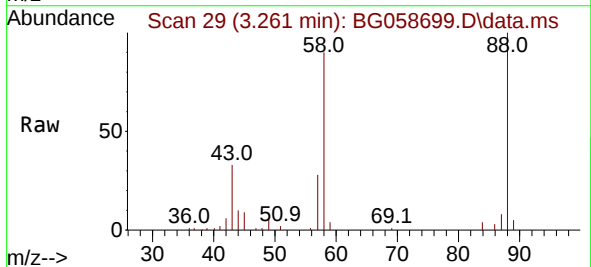
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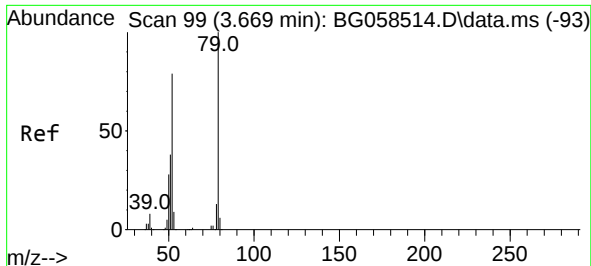
Tgt Ion:152 Resp: 41513
 Ion Ratio Lower Upper
 152 100
 150 162.2 120.5 180.7
 115 61.2 45.9 68.9



#2
 1,4-Dioxane
 Concen: 34.992 ng
 RT: 3.261 min Scan# 29
 Delta R.T. -0.014 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

Tgt Ion: 88 Resp: 46053
 Ion Ratio Lower Upper
 88 100
 58 86.5 68.9 103.3
 43 29.1 22.9 34.3

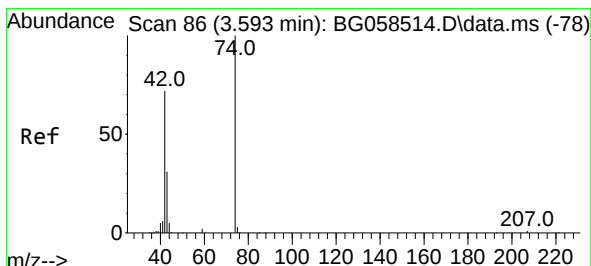
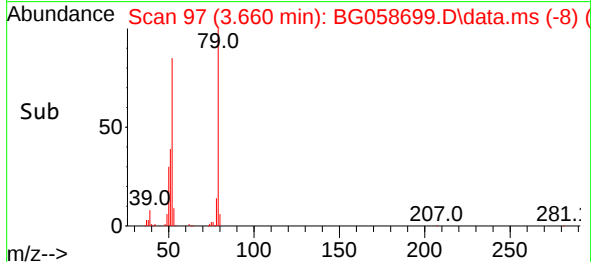
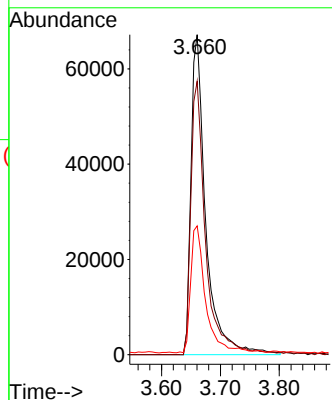
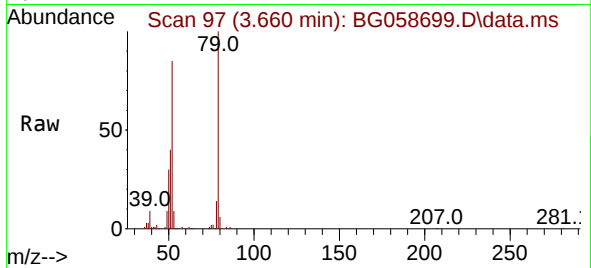




#3
 Pyridine
 Concen: 32.577 ng
 RT: 3.660 min Scan# 91
 Delta R.T. -0.009 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

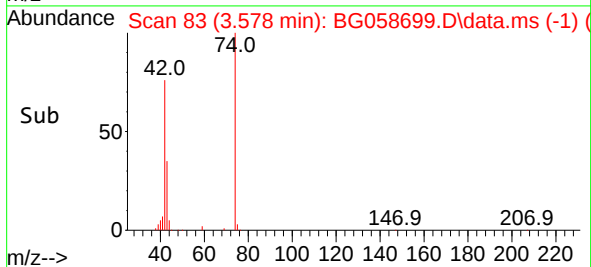
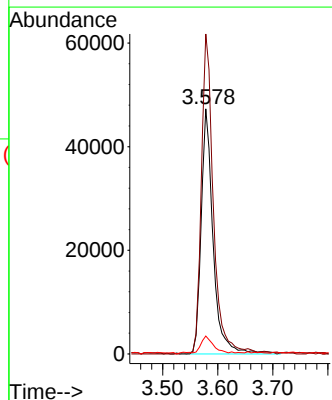
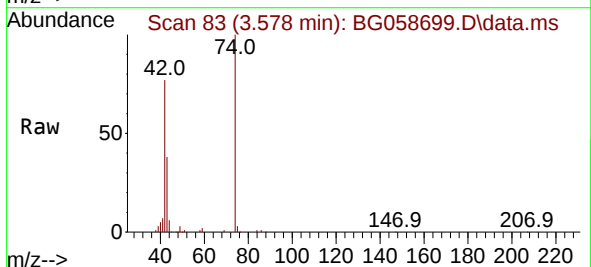
Instrument :
 BNA_G
 ClientSampleId :
 PB154732BS

Tgt Ion: 79 Resp: 116890
 Ion Ratio Lower Upper
 79 100
 52 85.4 63.2 94.8
 51 40.2 31.9 47.9



#4
 n-Nitrosodimethylamine
 Concen: 47.234 ng
 RT: 3.578 min Scan# 83
 Delta R.T. -0.014 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

Tgt Ion: 42 Resp: 71810
 Ion Ratio Lower Upper
 42 100
 74 130.5 111.5 167.3
 44 7.3 5.4 8.2

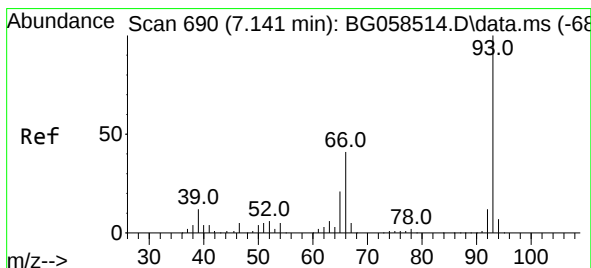
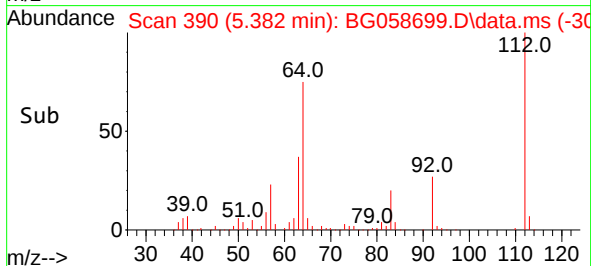
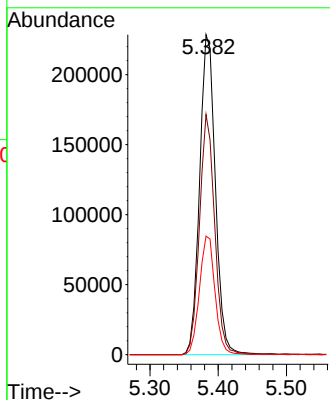
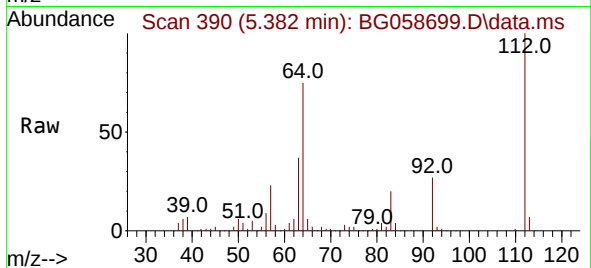




#5
2-Fluorophenol
Concen: 135.139 ng
RT: 5.382 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

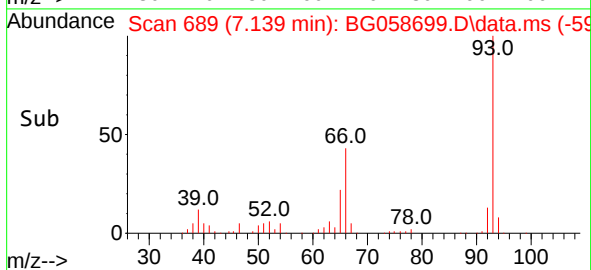
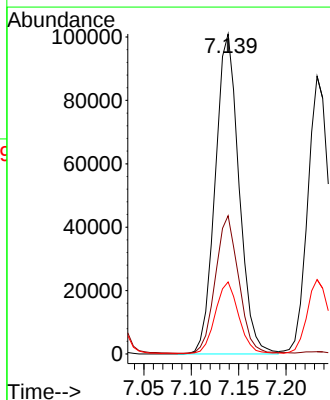
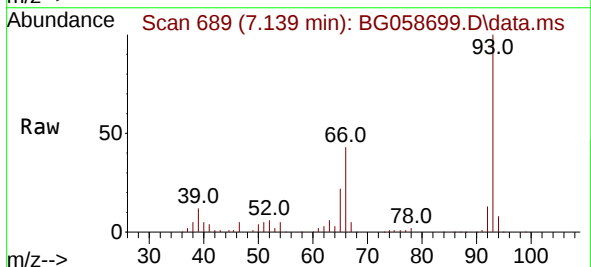
Instrument :
BNA_G
ClientSampleId :
PB154732BS

Tgt Ion:112 Resp: 367037
Ion Ratio Lower Upper
112 100
64 75.0 55.3 82.9
63 37.1 28.3 42.5



#6
Aniline
Concen: 37.960 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion: 93 Resp: 176628
Ion Ratio Lower Upper
93 100
66 43.2 33.1 49.7
65 22.5 17.0 25.4

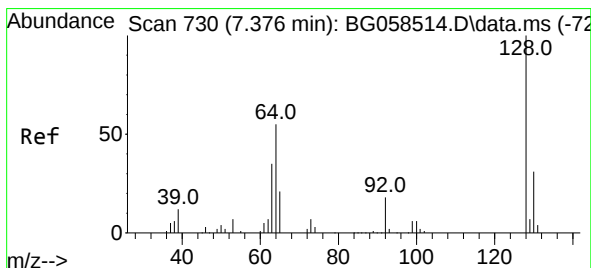
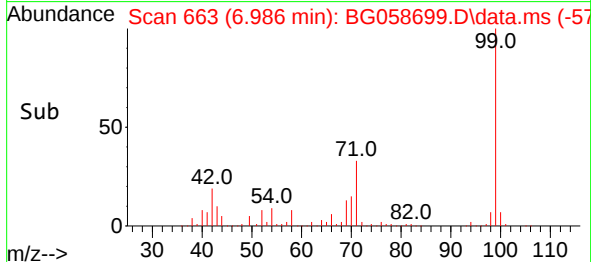
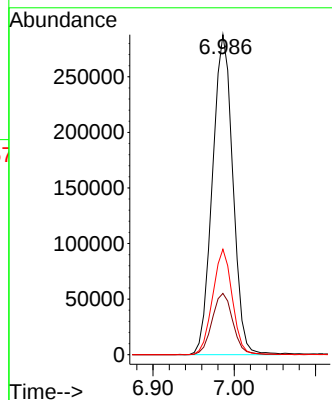
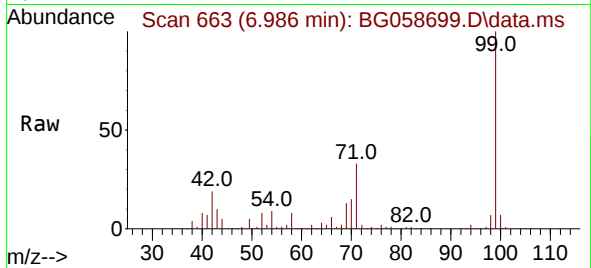




#7
Phenol-d6
Concen: 132.926 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

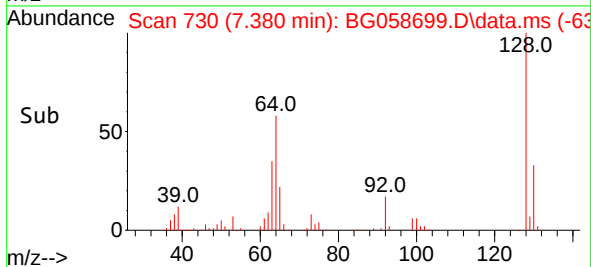
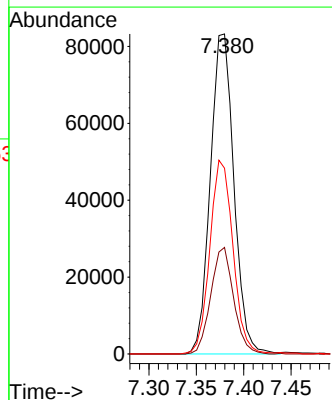
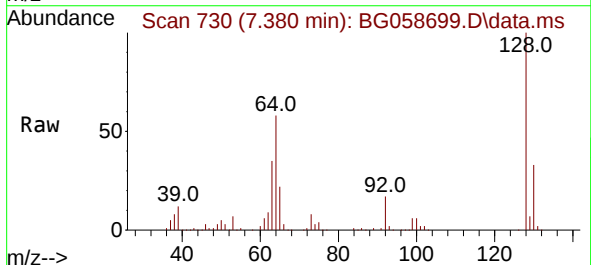
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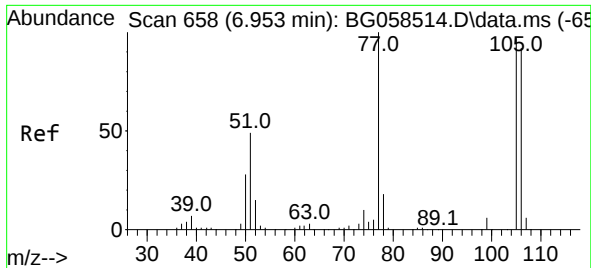
Tgt Ion: 99 Resp: 502365
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 33.0 25.0 37.4



#8
2-Chlorophenol
Concen: 54.111 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:128 Resp: 144178
Ion Ratio Lower Upper
128 100
130 33.3 10.9 50.9
64 58.1 39.0 79.0

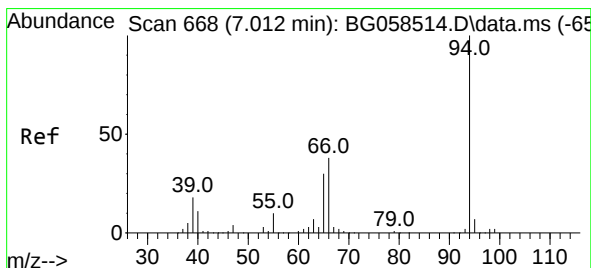
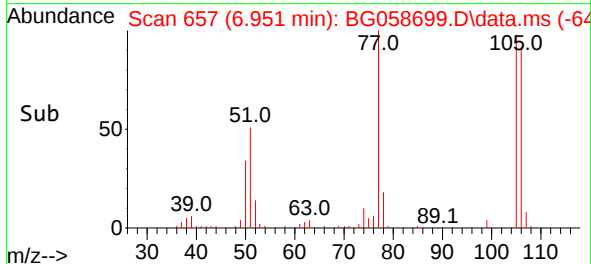
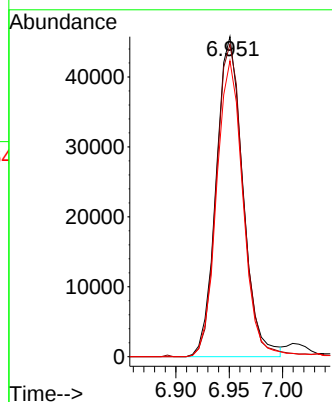
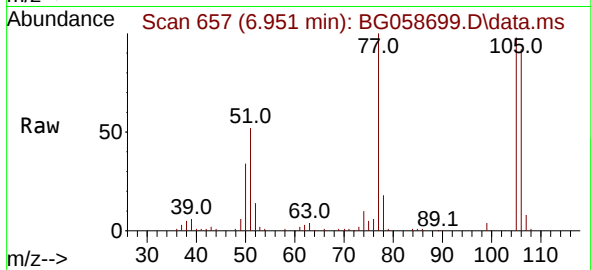




#9
Benzaldehyde
Concen: 38.811 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

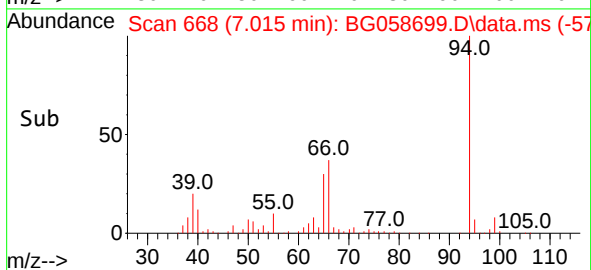
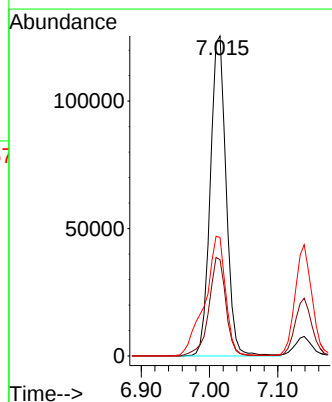
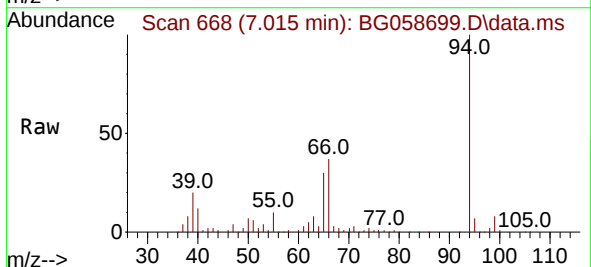
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Tgt Ion: 77	Resp: 79691
Ion Ratio	Lower Upper
77 100	
105 97.6	77.1 117.1
106 92.5	71.6 111.6



#10
Phenol
Concen: 54.996 ng
RT: 7.015 min Scan# 668
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion: 94	Resp: 203031
Ion Ratio	Lower Upper
94 100	
65 30.1	10.4 50.4
66 37.0	18.7 58.7

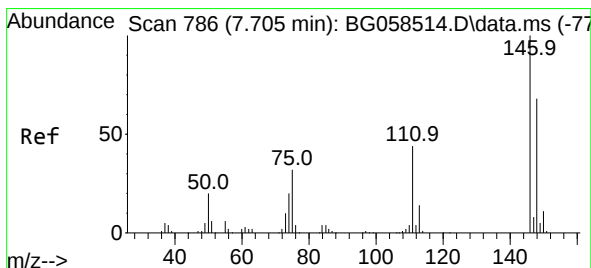
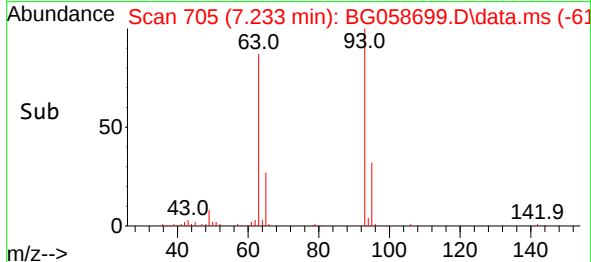
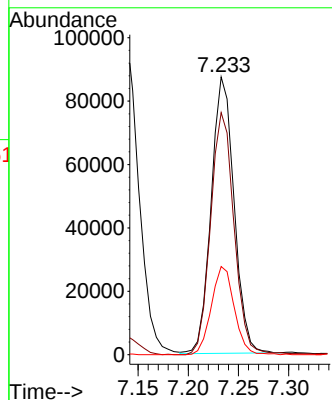
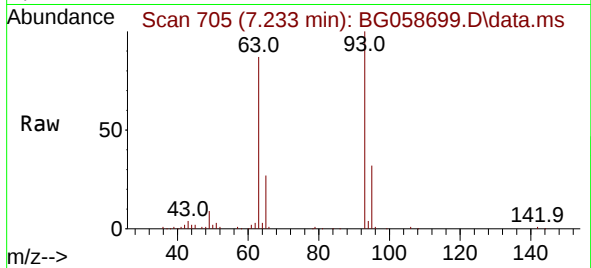




#11
bis(2-Chloroethyl)ether
Concen: 47.536 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

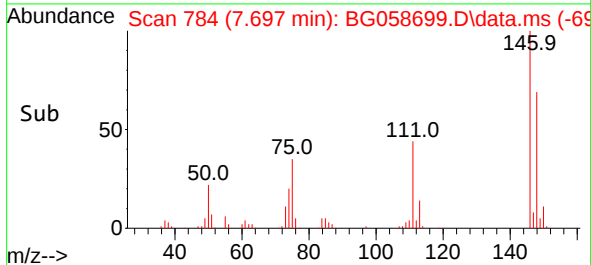
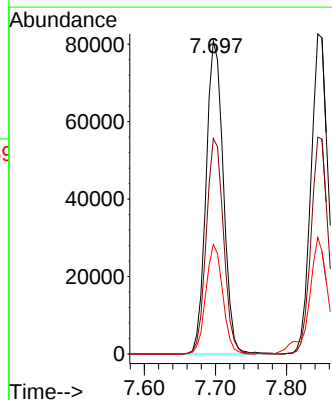
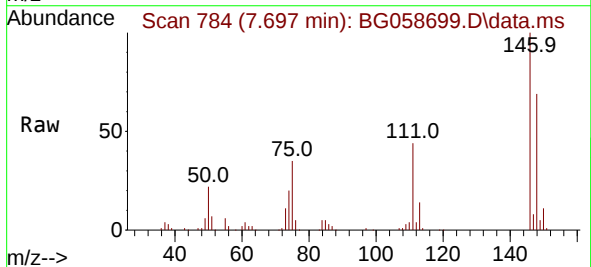
Instrument :
BNA_G
ClientSampleId :
PB154732BS

Tgt Ion: 93 Resp: 138351
Ion Ratio Lower Upper
93 100
63 87.2 65.5 105.5
95 31.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 48.093 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:146 Resp: 136832
Ion Ratio Lower Upper
146 100
148 68.9 54.7 82.1
75 35.0 25.8 38.8

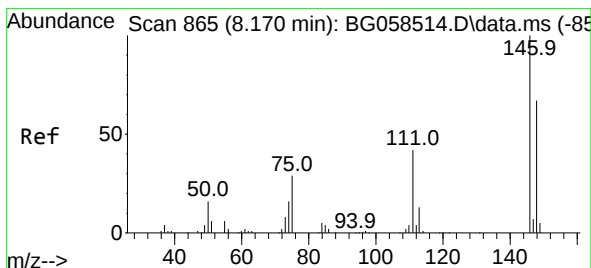
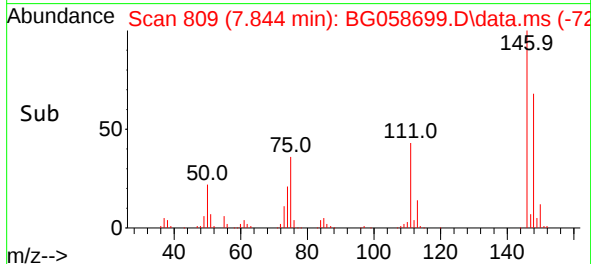
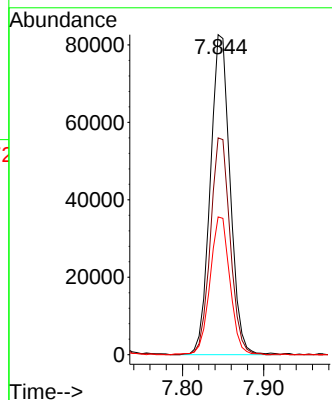
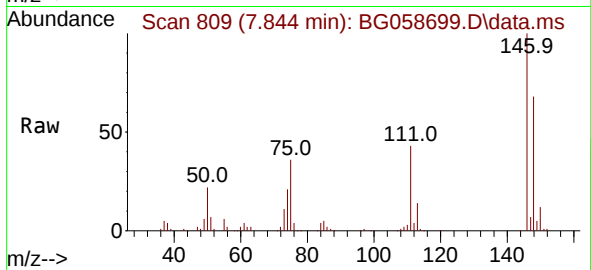




#13
1,4-Dichlorobenzene
Concen: 48.977 ng
RT: 7.844 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

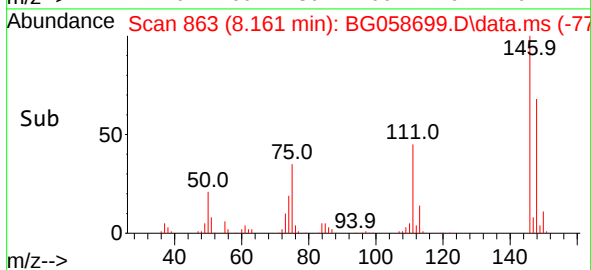
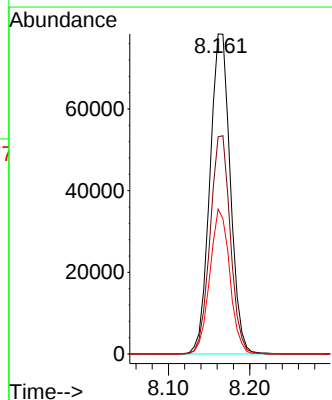
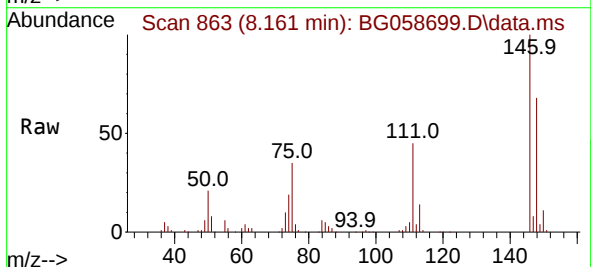
Instrument :
BNA_G
ClientSampleId :
PB154732BS

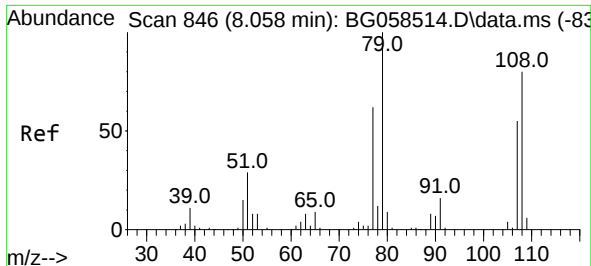
Tgt Ion:146 Resp: 139917
Ion Ratio Lower Upper
146 100
148 67.8 52.8 79.2
111 43.0 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 50.147 ng
RT: 8.161 min Scan# 863
Delta R.T. -0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:146 Resp: 136968
Ion Ratio Lower Upper
146 100
148 67.8 53.4 80.2
111 45.3 34.2 51.2

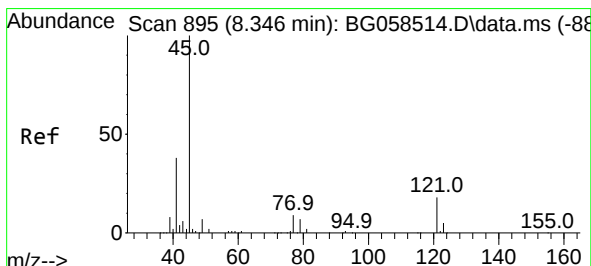
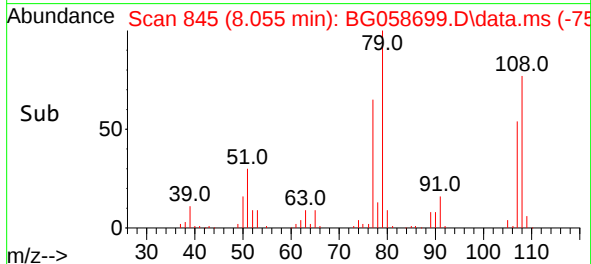
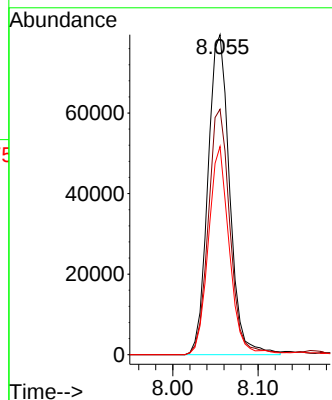
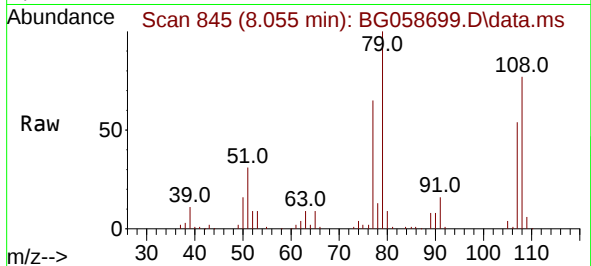




#15
Benzyl Alcohol
Concen: 58.629 ng
RT: 8.055 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

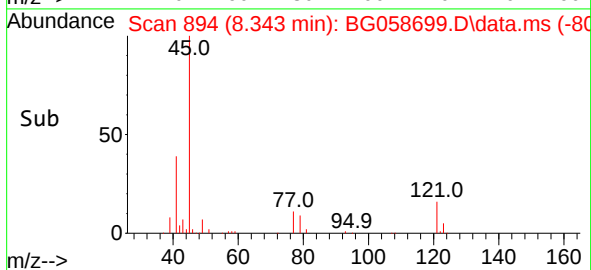
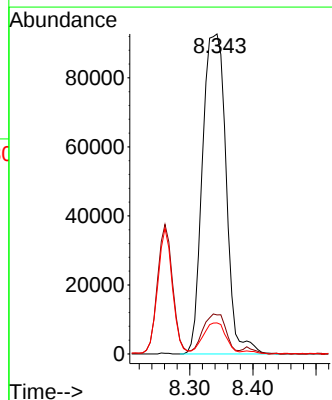
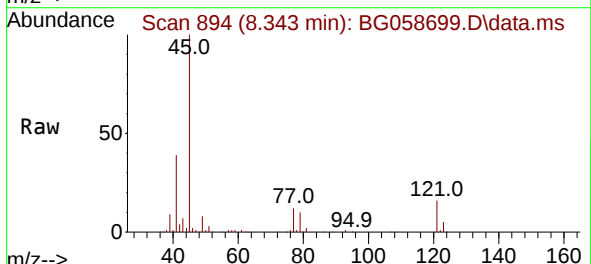
Instrument :
BNA_G
ClientSampleId :
PB154732BS

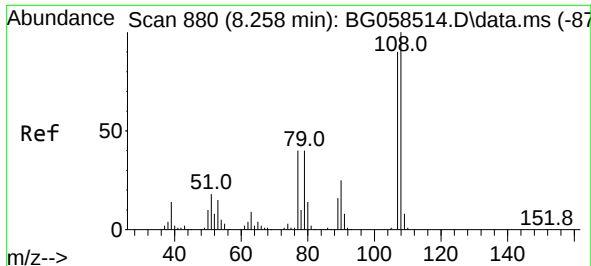
Tgt Ion: 79 Resp: 140518
Ion Ratio Lower Upper
79 100
108 76.7 63.8 95.6
77 65.0 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.906 ng
RT: 8.343 min Scan# 894
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion: 45 Resp: 240669
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.6
79 9.7 0.0 30.2

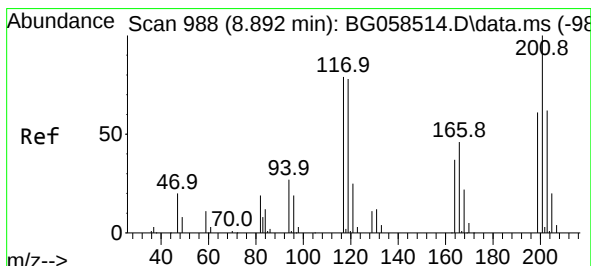
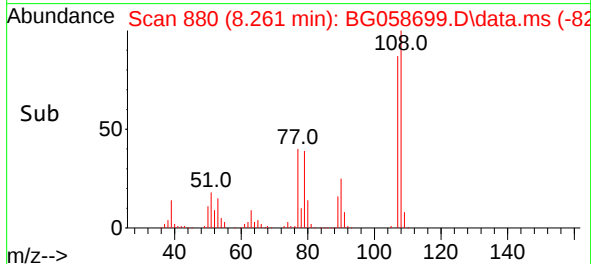
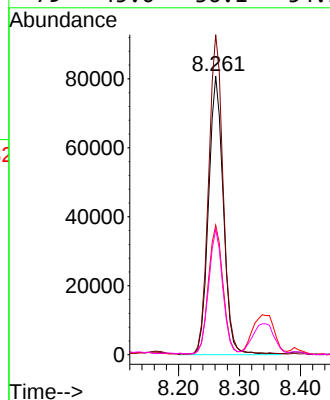
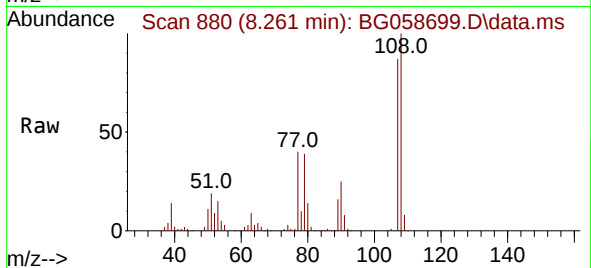




#17
2-Methylphenol
Concen: 50.512 ng
RT: 8.261 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

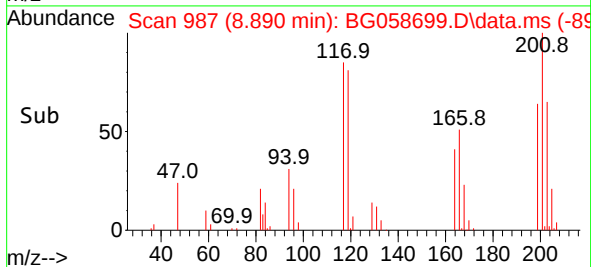
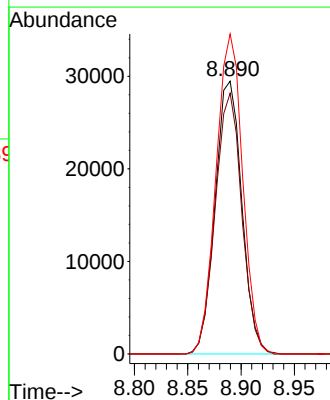
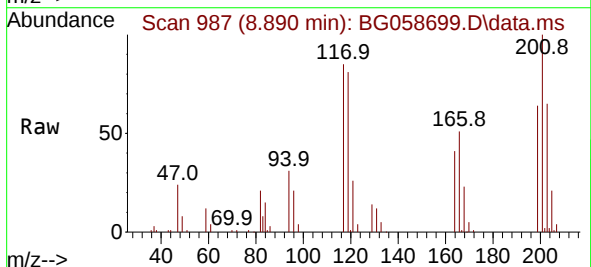
Instrument :
BNA_G
ClientSampleId :
PB154732BS

Tgt Ion:107 Resp: 136349
Ion Ratio Lower Upper
107 100
108 115.0 89.1 133.7
77 46.5 36.2 54.4
79 45.0 36.1 54.1



#18
Hexachloroethane
Concen: 49.531 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:117 Resp: 51431
Ion Ratio Lower Upper
117 100
119 95.6 78.6 117.8
201 117.3 101.4 152.0

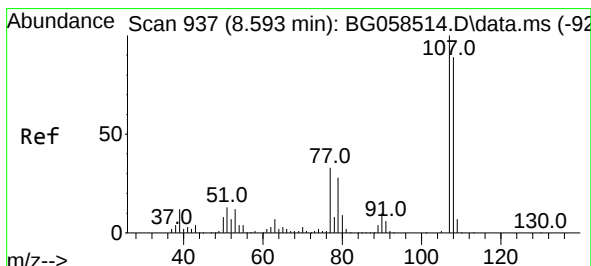
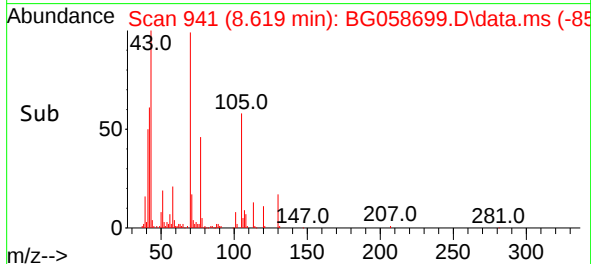
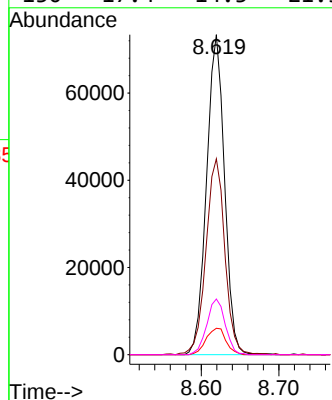
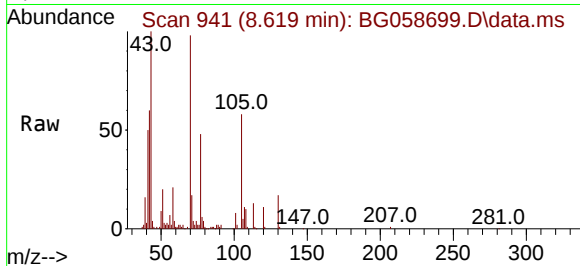




#19
n-Nitroso-di-n-propylamine
Concen: 48.339 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

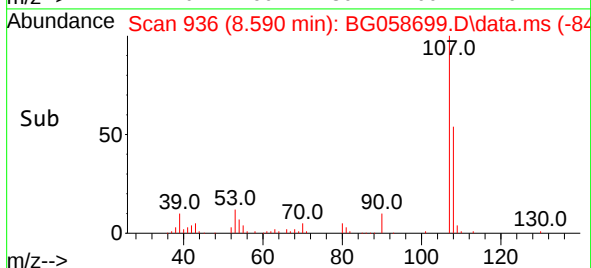
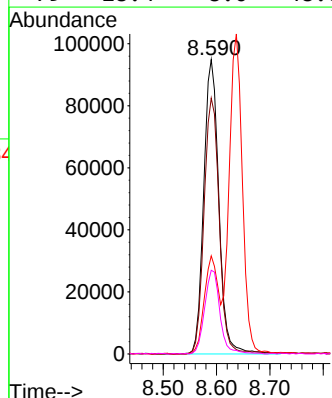
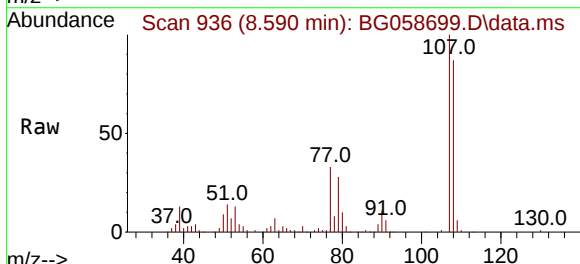
Instrument :
BNA_G
ClientSampleId :
PB154732BS

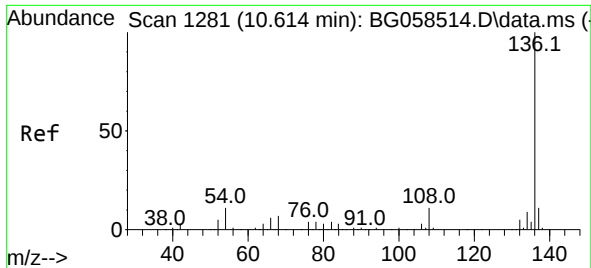
Tgt Ion: 70 Resp: 118003
Ion Ratio Lower Upper
70 100
42 61.2 49.7 74.5
101 8.3 7.0 10.4
130 17.4 14.3 21.5



#20
3+4-Methylphenols
Concen: 51.202 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion: 107 Resp: 186952
Ion Ratio Lower Upper
107 100
108 86.9 69.4 109.4
77 33.3 13.0 53.0
79 28.4 8.0 48.0

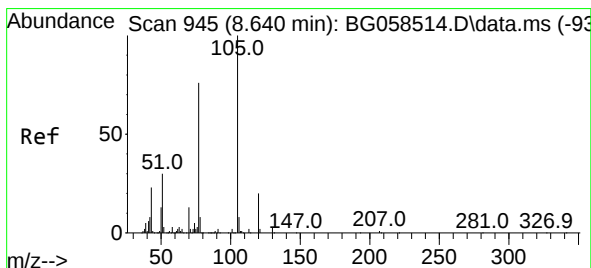
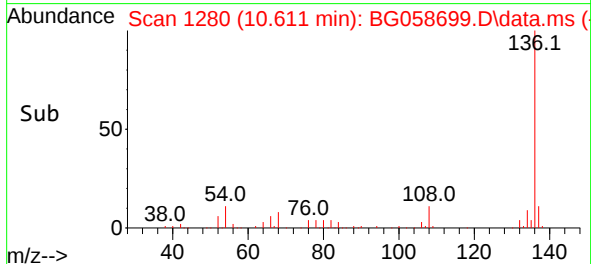
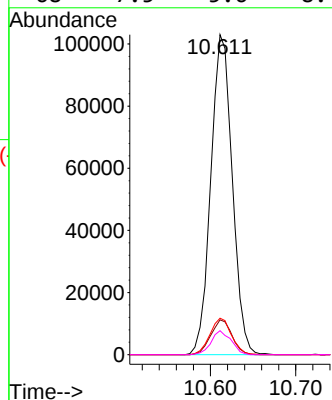
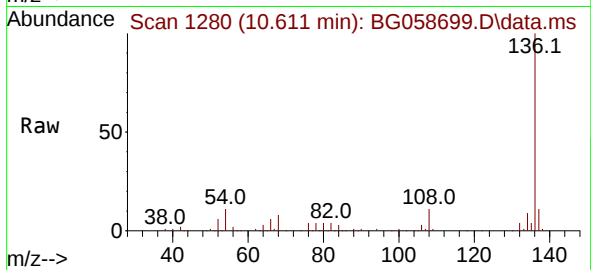




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

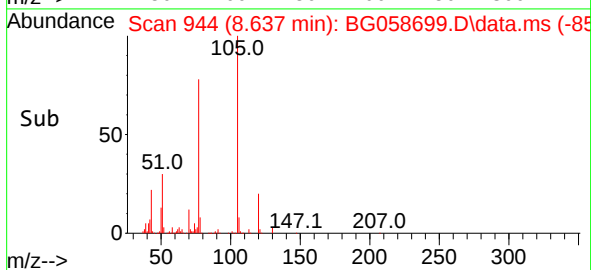
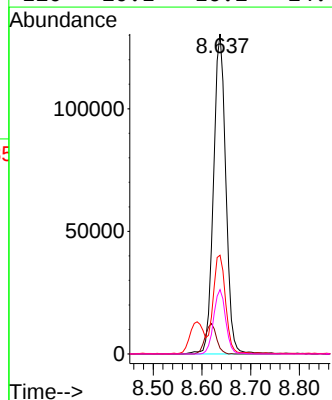
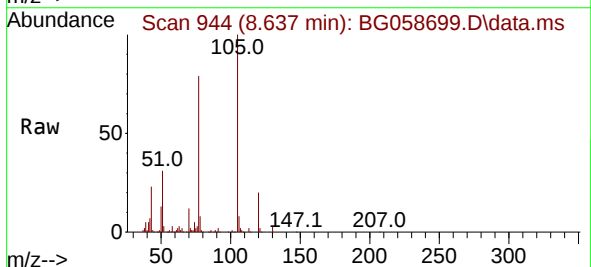
Instrument :
BNA_G
ClientSampleId :
PB154732BS

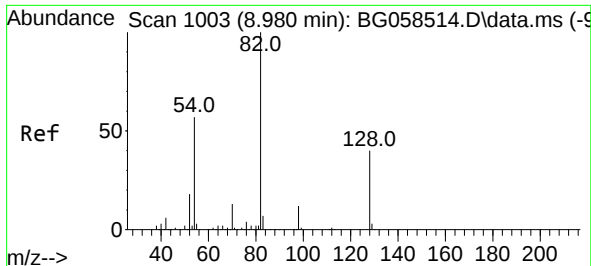
Tgt Ion:	136	Resp:	180403
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	11.4	8.9	13.3
68	7.5	5.6	8.4



#22
Acetophenone
Concen: 47.437 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:	105	Resp:	229143
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.8	2.6
51	30.8	24.2	36.2
120	20.1	16.2	24.4

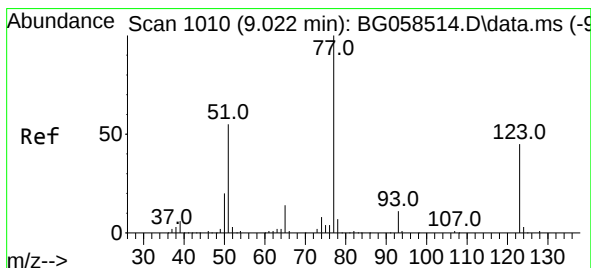
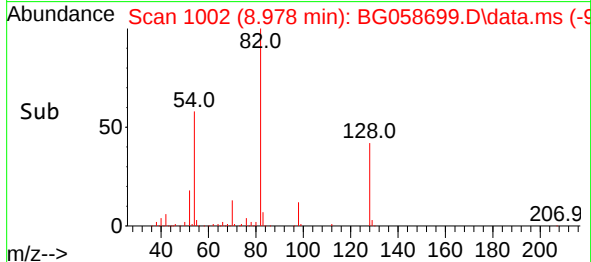
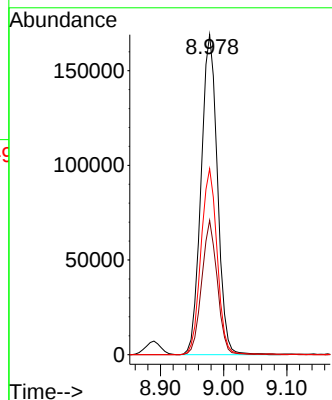
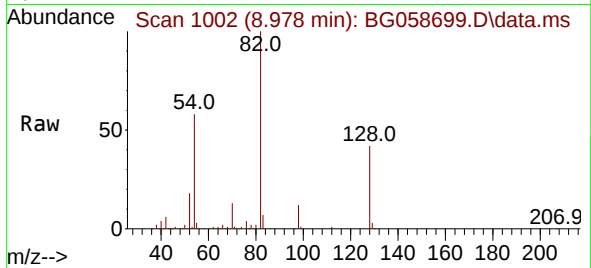




#23
Nitrobenzene-d5
Concen: 82.865 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

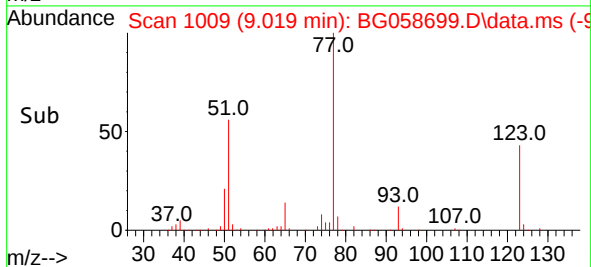
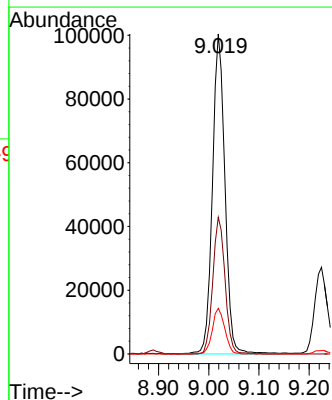
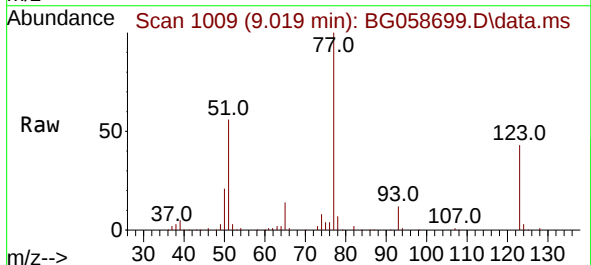
Instrument :
BNA_G
ClientSampleId :
PB154732BS

Tgt Ion: 82 Resp: 304307
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 58.1 46.0 69.0



#24
Nitrobenzene
Concen: 46.495 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion: 77 Resp: 173583
Ion Ratio Lower Upper
77 100
123 42.7 35.6 53.4
65 14.2 11.4 17.0

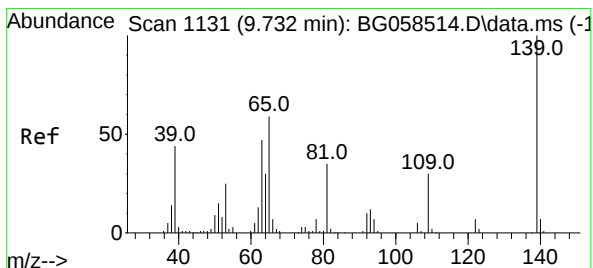
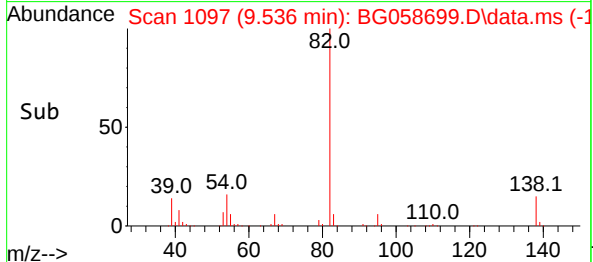
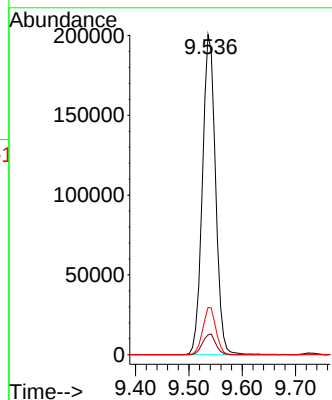
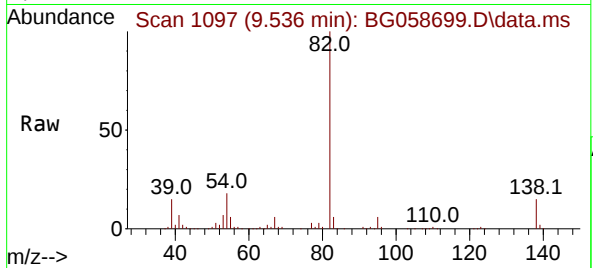




#25
Isophorone
Concen: 45.107 ng
RT: 9.536 min Scan# 1100
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

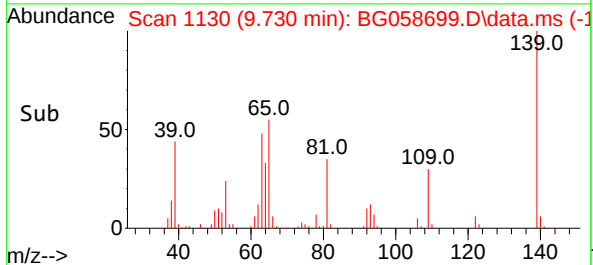
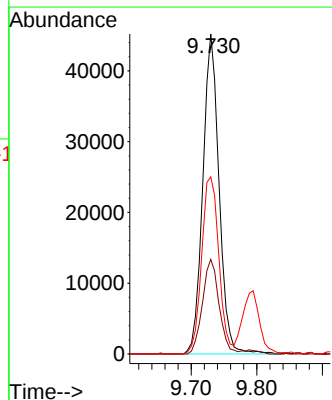
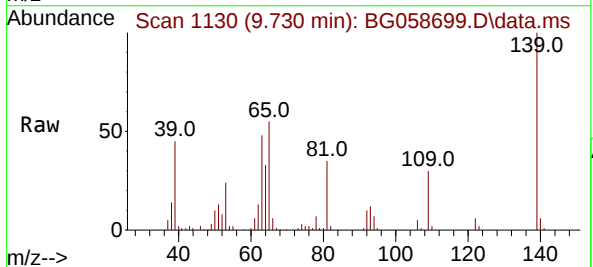
Instrument :
BNA_G
ClientSampleId :
PB154732BS

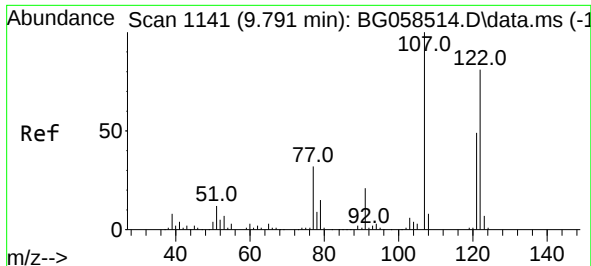
Tgt Ion: 82 Resp: 342254
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 14.8 11.9 17.9



#26
2-Nitrophenol
Concen: 47.999 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion: 139 Resp: 78004
Ion Ratio Lower Upper
139 100
109 29.5 24.2 36.2
65 55.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.776 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

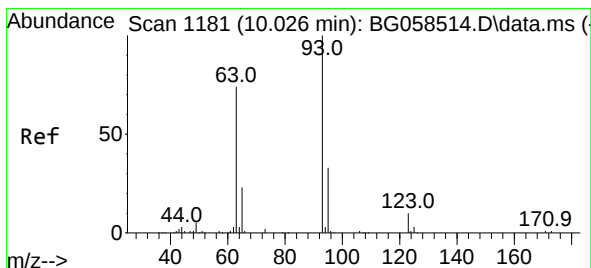
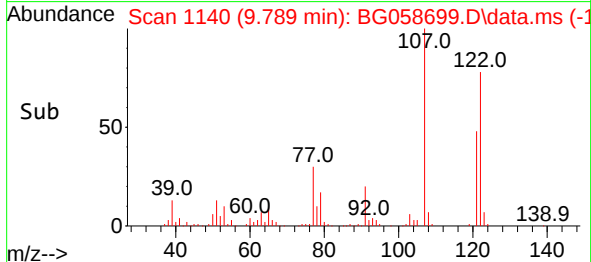
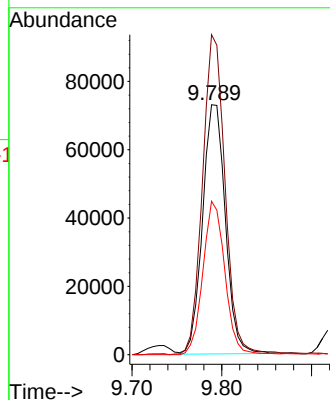
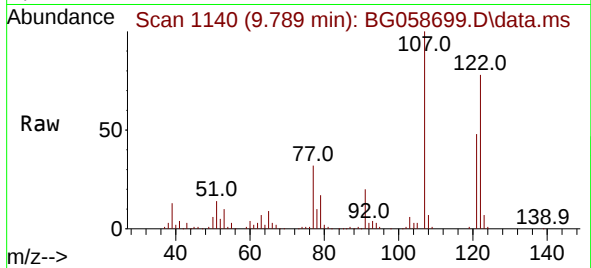
Tgt Ion:122 Resp: 128787

Ion Ratio Lower Upper

122 100

107 128.1 98.0 147.0

121 61.4 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.749 ng

RT: 10.024 min Scan# 1180

Delta R.T. -0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

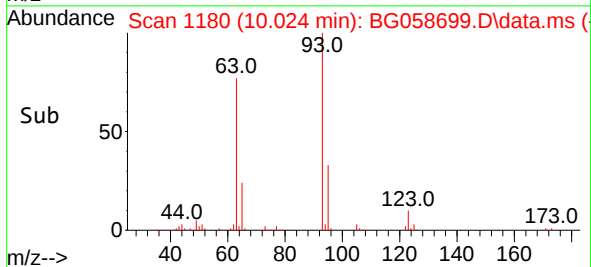
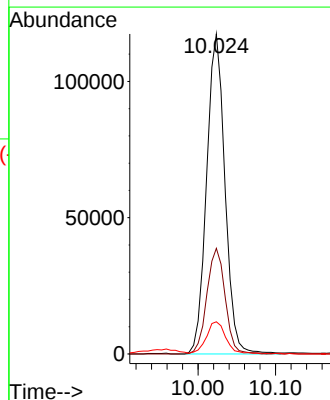
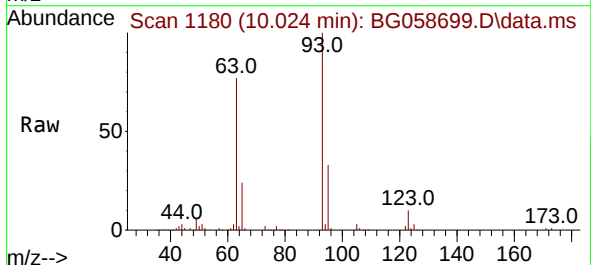
Tgt Ion: 93 Resp: 193036

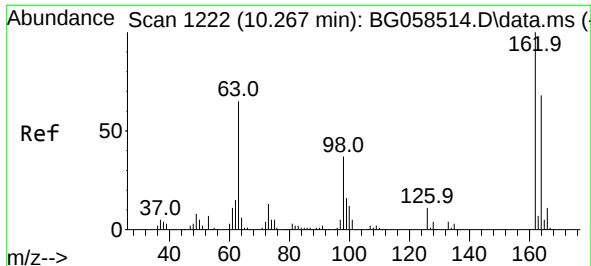
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 10.1 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 50.495 ng

RT: 10.265 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

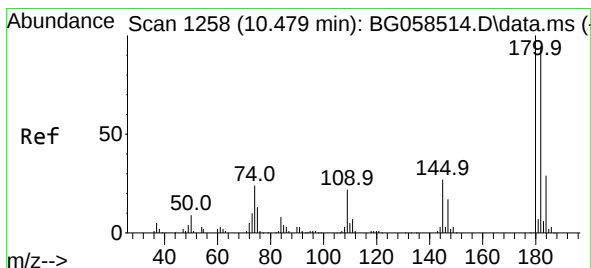
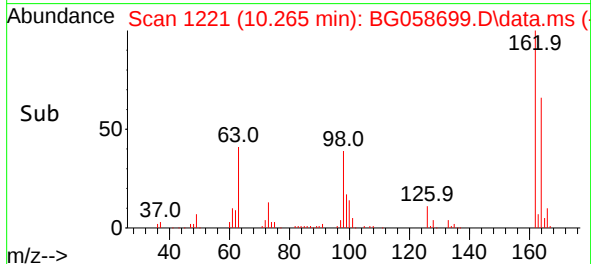
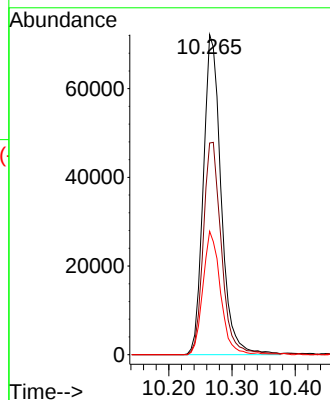
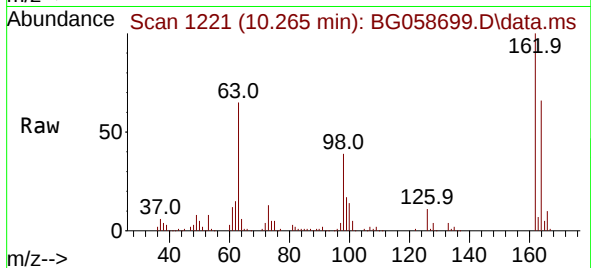
Tgt Ion:162 Resp: 141331

Ion Ratio Lower Upper

162 100

164 66.1 47.6 87.6

98 38.6 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 46.978 ng

RT: 10.476 min Scan# 1257

Delta R.T. -0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

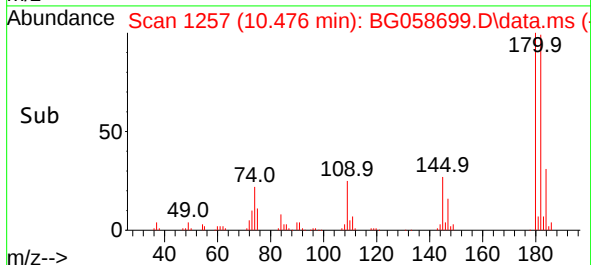
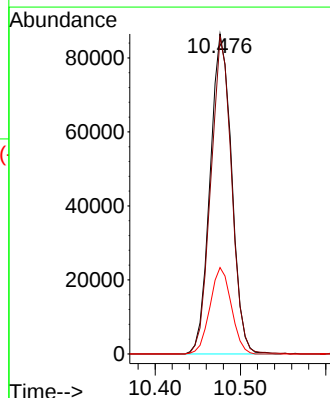
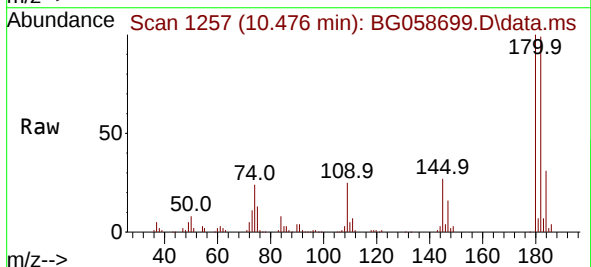
Tgt Ion:180 Resp: 151636

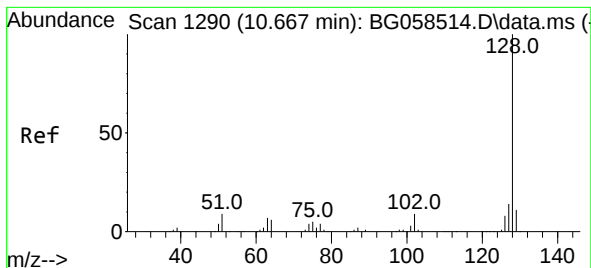
Ion Ratio Lower Upper

180 100

182 99.1 75.0 112.4

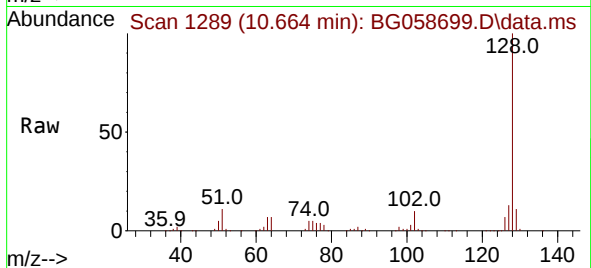
145 27.0 21.9 32.9



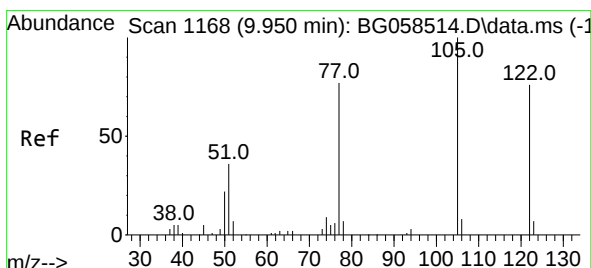
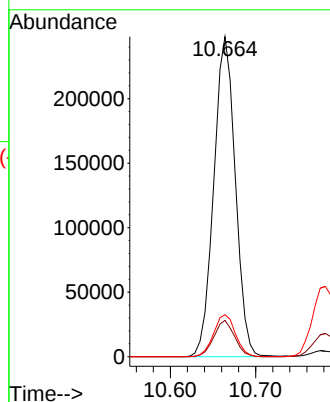
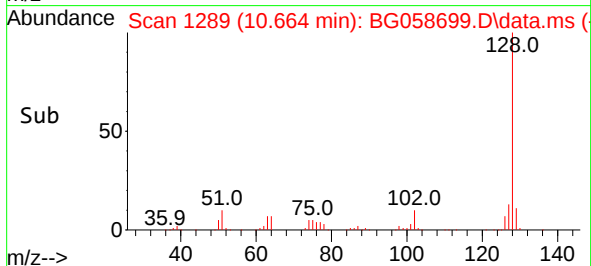


#31
Naphthalene
Concen: 45.742 ng
RT: 10.664 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Instrument :
BNA_G
ClientSampleId :
PB154732BS

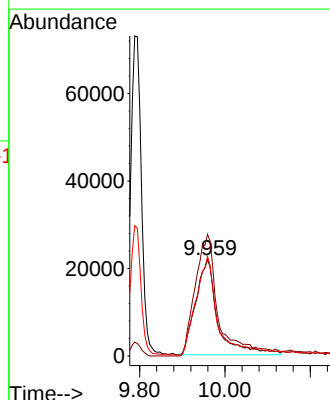
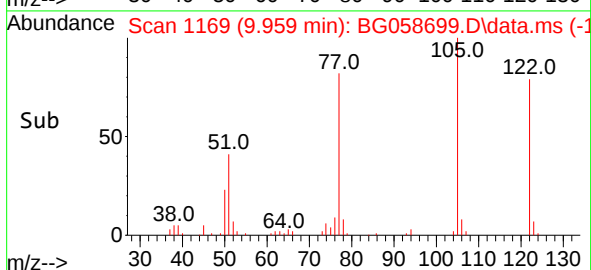
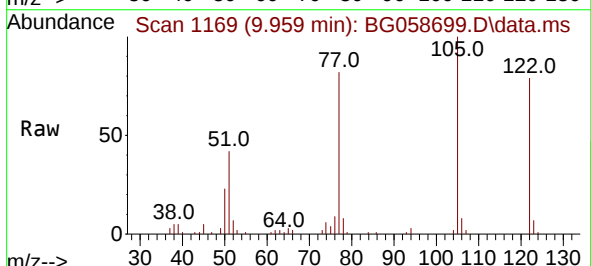


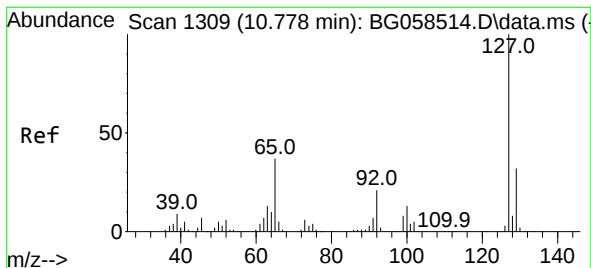
Tgt Ion:128 Resp: 434924
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 39.511 ng
RT: 9.959 min Scan# 1169
Delta R.T. 0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:122 Resp: 79475
Ion Ratio Lower Upper
122 100
105 126.5 106.5 146.5
77 103.3 78.1 118.1

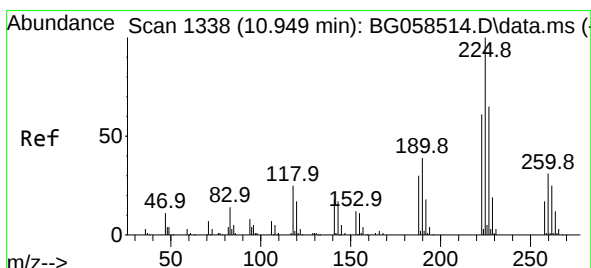
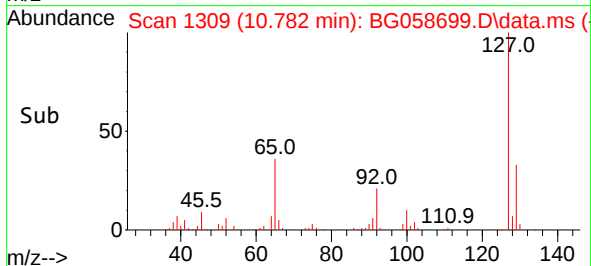
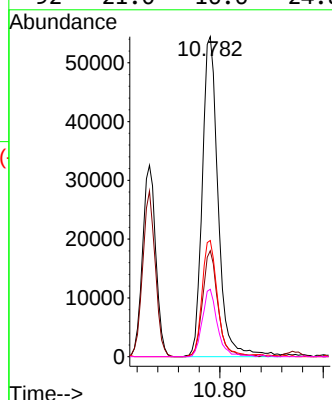
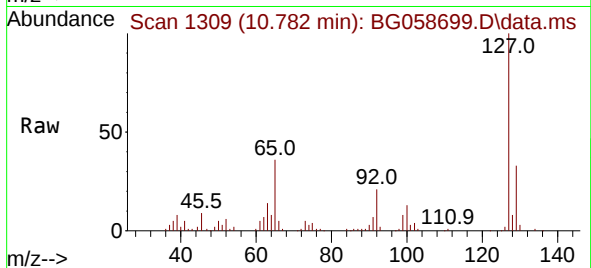




#33
4-Chloroaniline
Concen: 28.859 ng
RT: 10.782 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

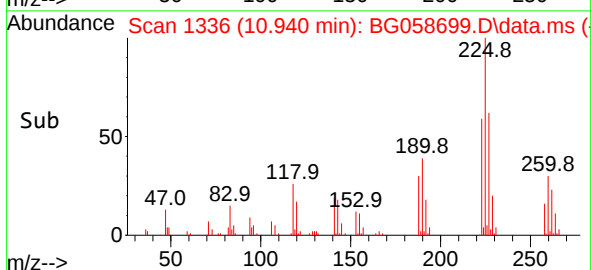
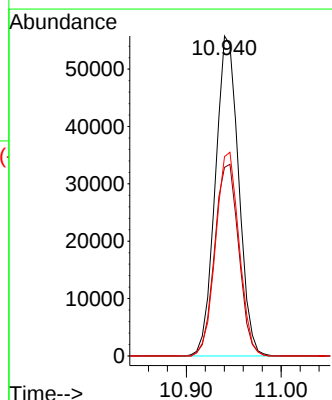
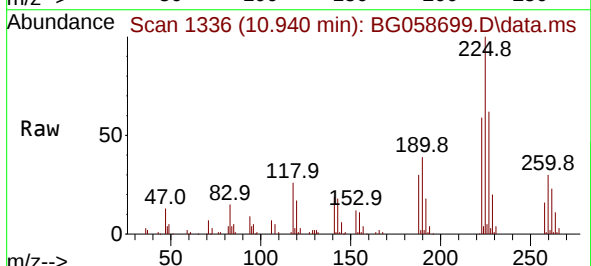
Instrument :
BNA_G
ClientSampleId :
PB154732BS

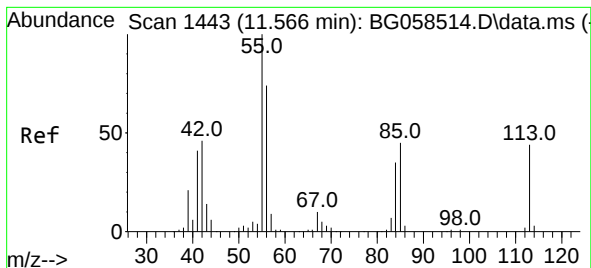
Tgt Ion:	127	Resp:	115935
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	36.3	29.5	44.3
92	21.0	16.6	24.8



#34
Hexachlorobutadiene
Concen: 45.878 ng
RT: 10.940 min Scan# 1336
Delta R.T. -0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:	225	Resp:	95366
Ion	Ratio	Lower	Upper
225	100		
223	58.9	49.0	73.6
227	62.3	51.7	77.5





#35

Caprolactam

Concen: 30.518 ng

RT: 11.563 min Scan# 1442

Delta R.T. -0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

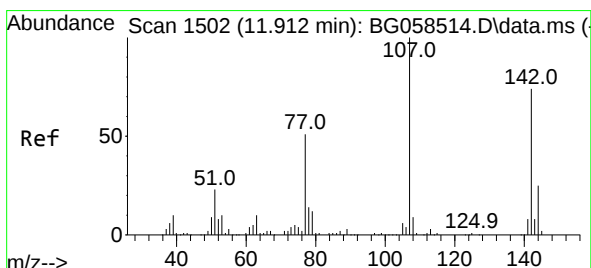
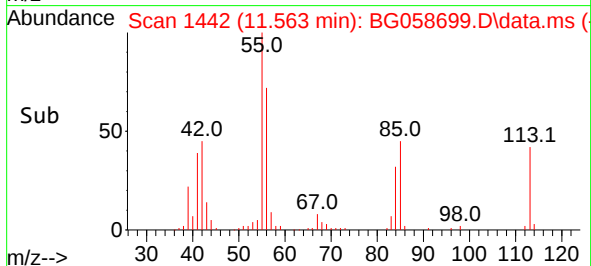
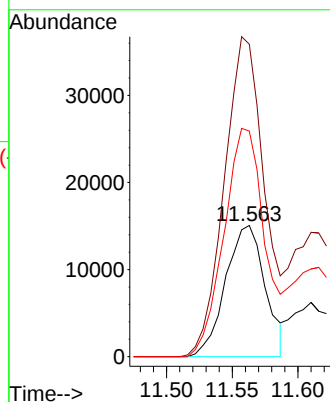
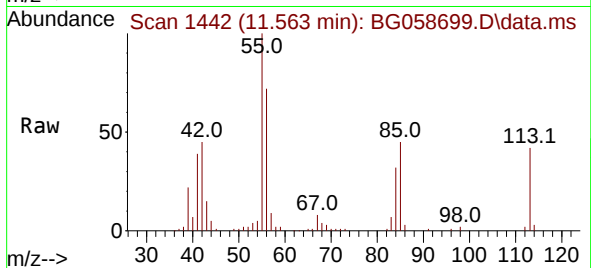
Tgt Ion:113 Resp: 31542

Ion Ratio Lower Upper

113 100

55 238.1 208.0 248.0

56 171.8 148.6 188.6



#36

4-Chloro-3-methylphenol

Concen: 50.923 ng

RT: 11.916 min Scan# 1502

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

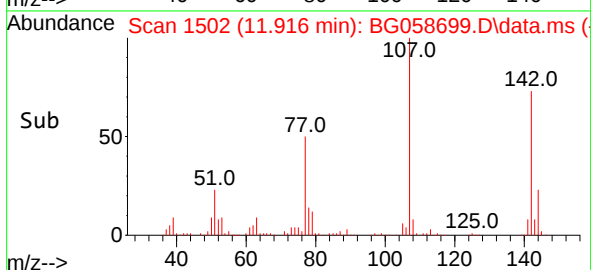
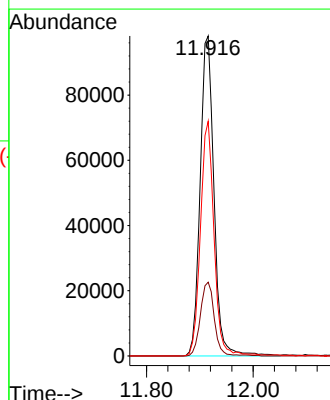
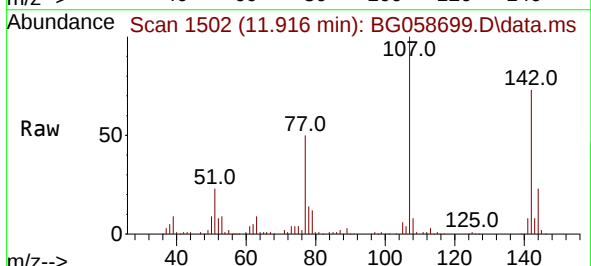
Tgt Ion:107 Resp: 176310

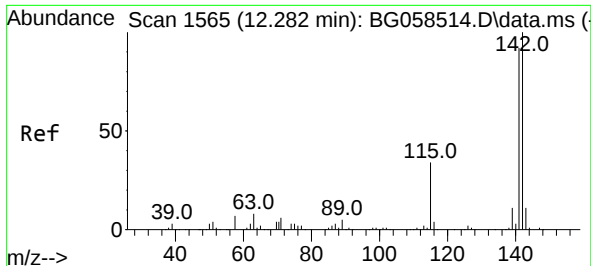
Ion Ratio Lower Upper

107 100

144 23.0 19.6 29.4

142 73.4 59.3 88.9

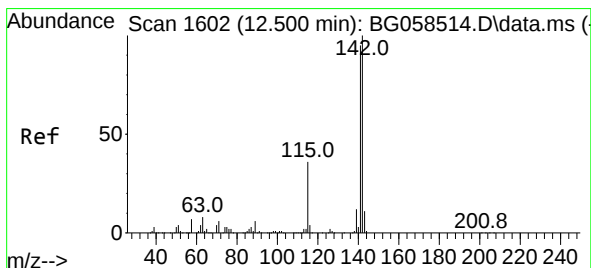
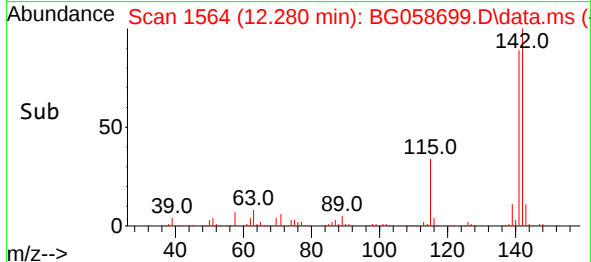
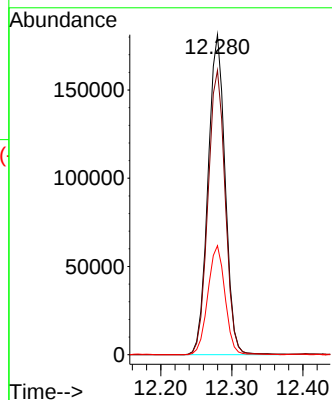
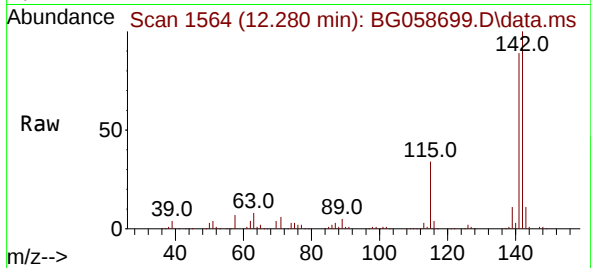




#37
2-Methylnaphthalene
Concen: 44.616 ng
RT: 12.280 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

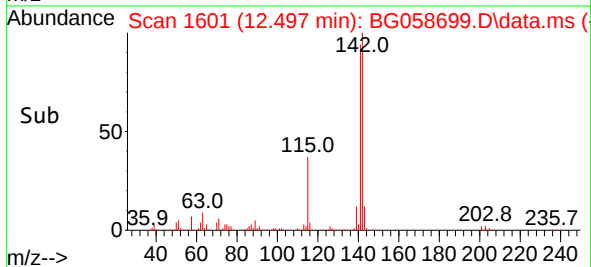
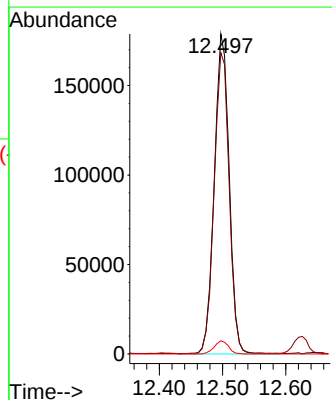
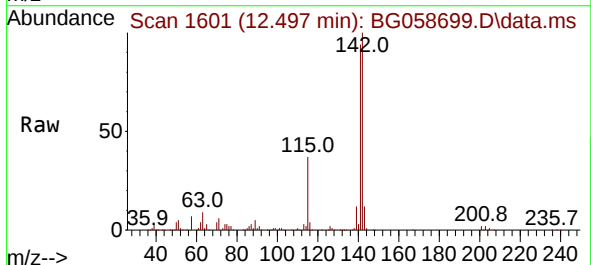
Instrument :
BNA_G
ClientSampleId :
PB154732BS

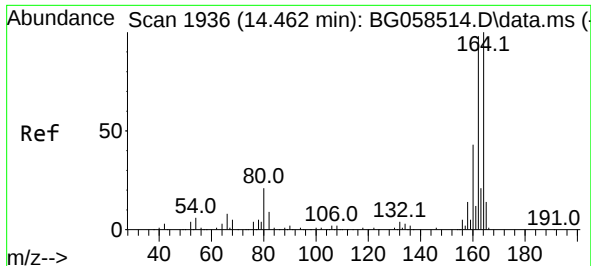
Tgt Ion:142 Resp: 303454
Ion Ratio Lower Upper
142 100
141 88.8 73.5 110.3
115 34.0 27.4 41.0



#38
1-Methylnaphthalene
Concen: 45.401 ng
RT: 12.497 min Scan# 1601
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:142 Resp: 293529
Ion Ratio Lower Upper
142 100
141 94.1 75.7 113.5
116 4.2 3.2 4.8

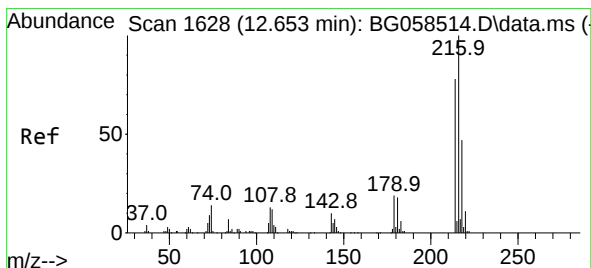
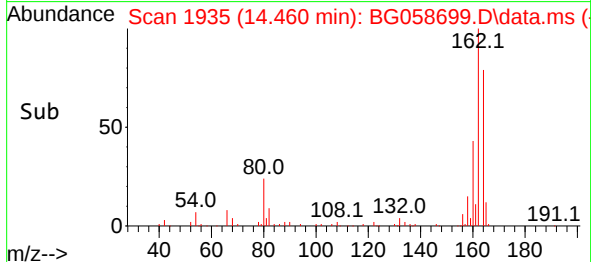
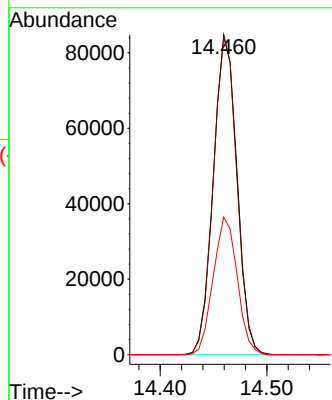
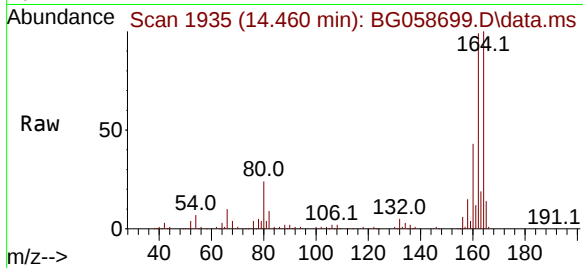




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

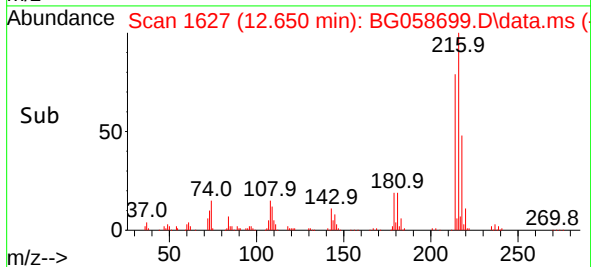
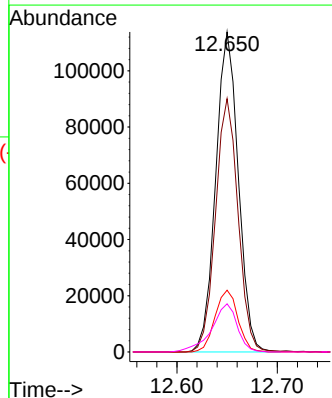
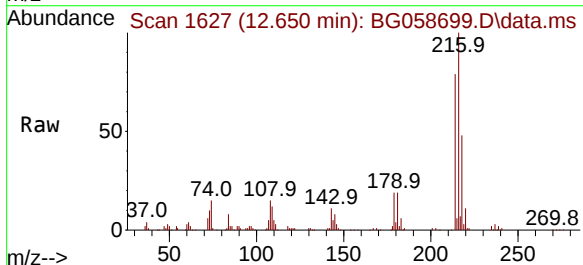
Instrument :
BNA_G
ClientSampleId :
PB154732BS

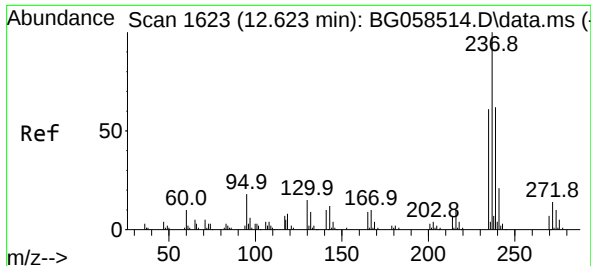
Tgt Ion:164 Resp: 130277
Ion Ratio Lower Upper
164 100
162 99.3 78.3 117.5
160 43.0 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.466 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

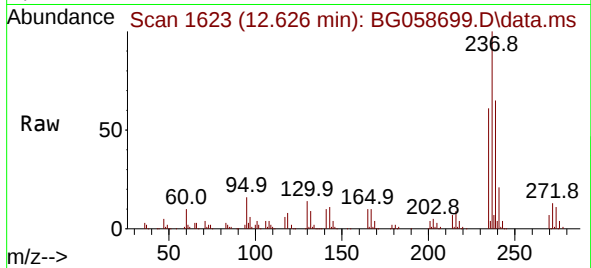
Tgt Ion:216 Resp: 177847
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 19.5 15.6 23.4
108 17.1 12.7 19.1



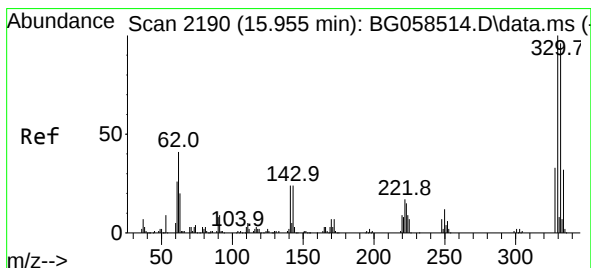
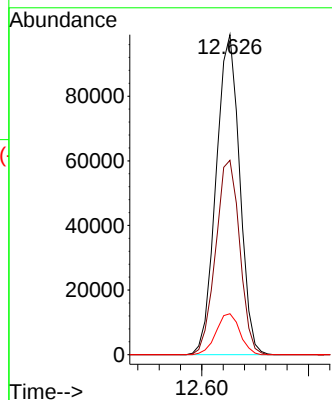
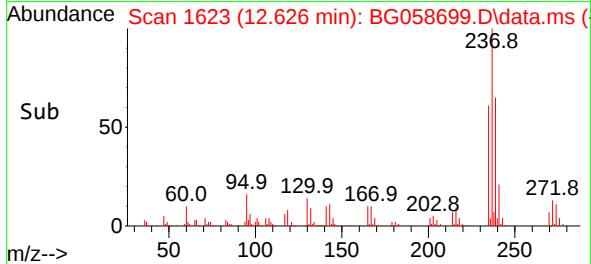


#41
Hexachlorocyclopentadiene
Concen: 81.514 ng
RT: 12.626 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

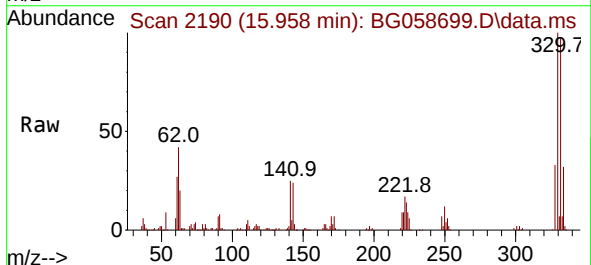
Instrument :
BNA_G
ClientSampleId :
PB154732BS



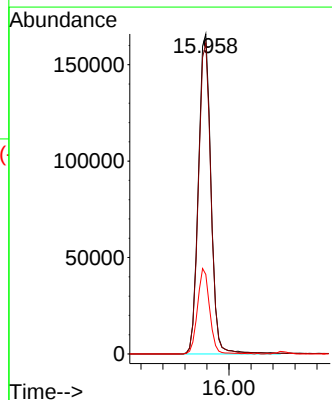
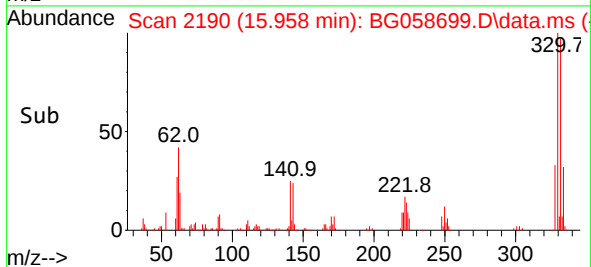
Tgt Ion:237 Resp: 151691
Ion Ratio Lower Upper
237 100
235 60.7 41.0 81.0
272 12.8 0.0 33.6

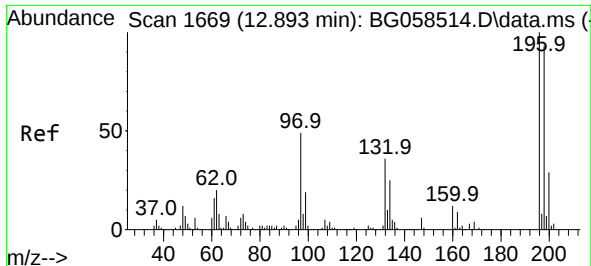


#42
2,4,6-Tribromophenol
Concen: 123.316 ng
RT: 15.958 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46



Tgt Ion:330 Resp: 263320
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 25.8 20.7 31.1

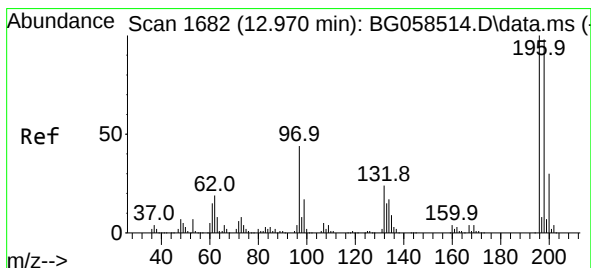
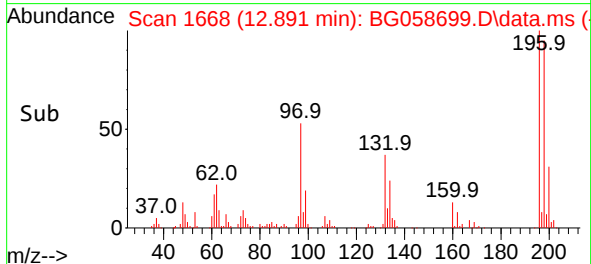
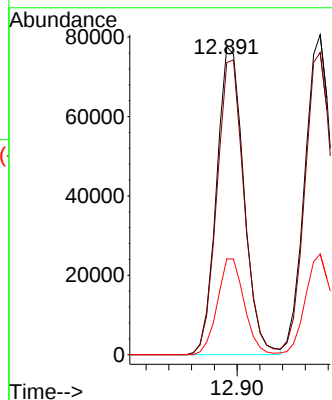
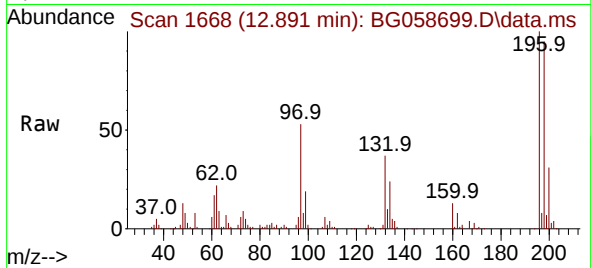




#43
2,4,6-Trichlorophenol
Concen: 46.914 ng
RT: 12.891 min Scan# 1669
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

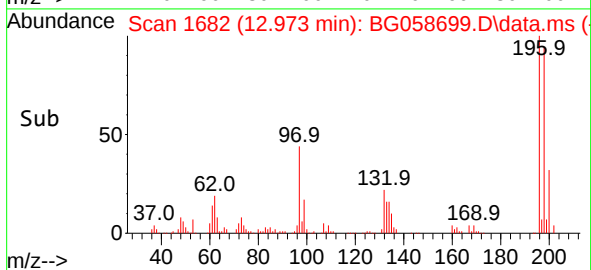
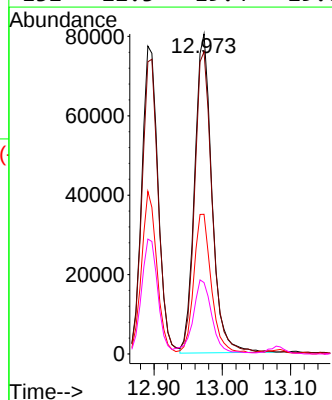
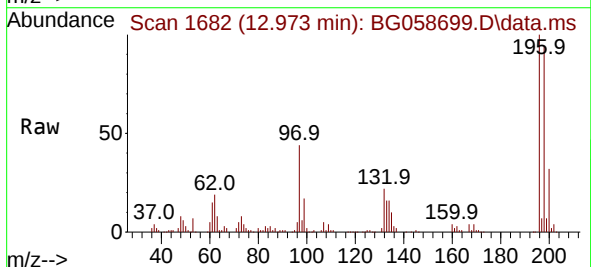
Instrument :
BNA_G
ClientSampleId :
PB154732BS

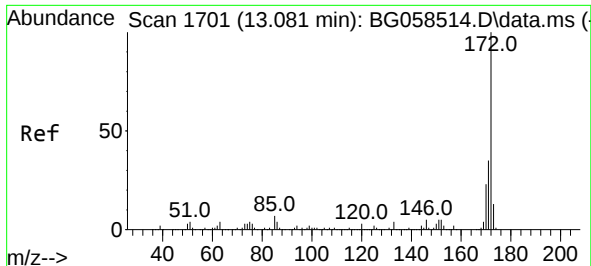
Tgt Ion:196 Resp: 129061
Ion Ratio Lower Upper
196 100
198 94.9 74.2 111.4
200 31.1 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 43.719 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:196 Resp: 141663
Ion Ratio Lower Upper
196 100
198 94.5 78.3 117.5
97 43.7 35.2 52.8
132 22.3 19.4 29.0

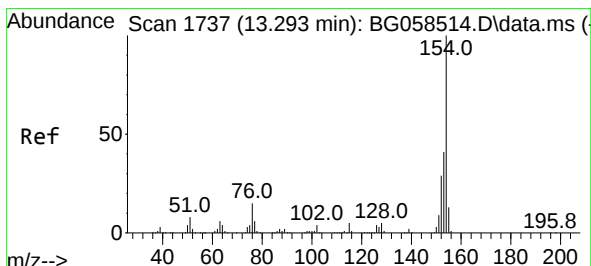
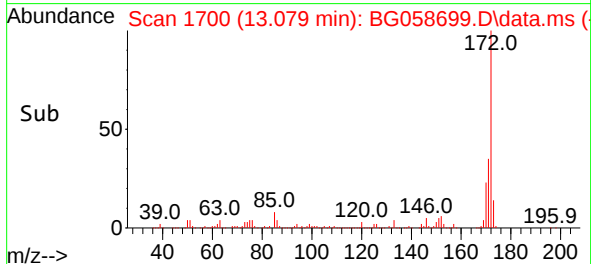
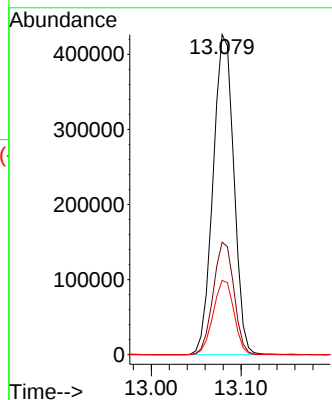
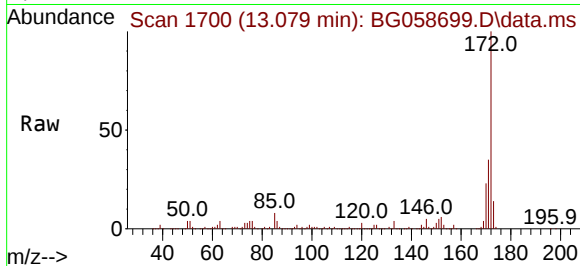




#45
2-Fluorobiphenyl
Concen: 78.920 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

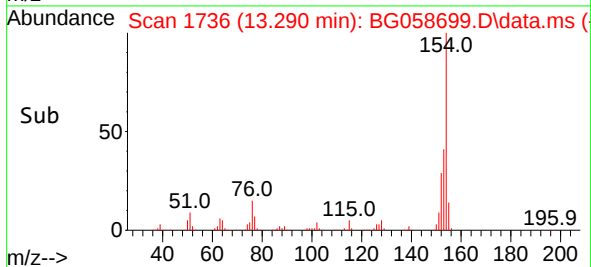
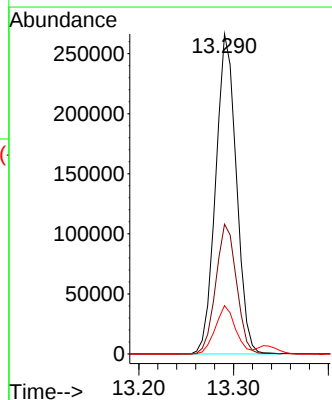
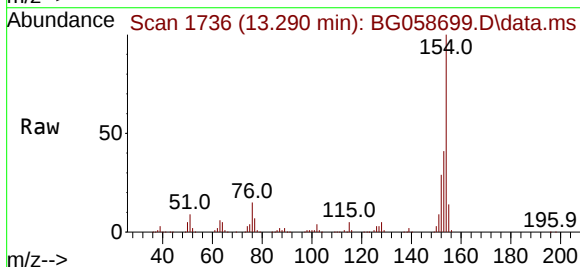
Instrument :
BNA_G
ClientSampleId :
PB154732BS

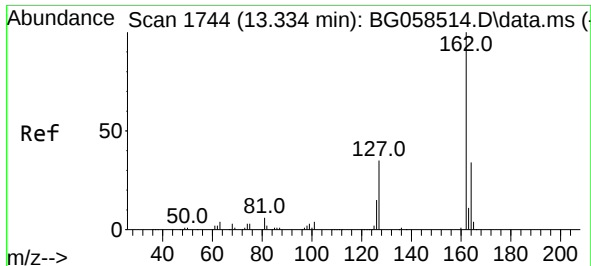
Tgt Ion:172 Resp: 686078
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.4 27.6



#46
1,1'-Biphenyl
Concen: 45.045 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:154 Resp: 403010
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 15.1 0.0 34.7

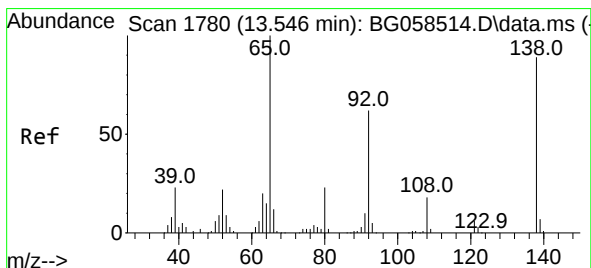
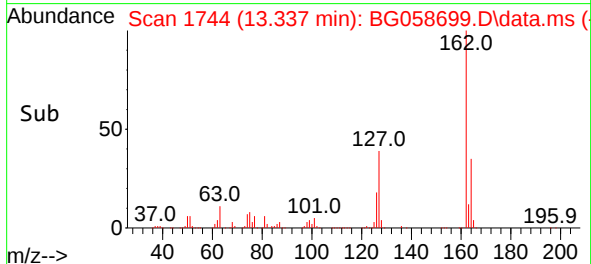
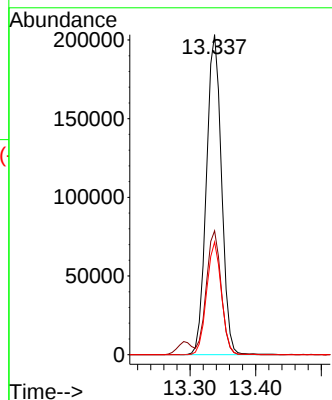
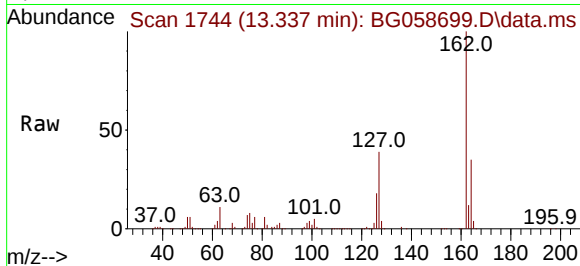




#47
2-Chloronaphthalene
Concen: 46.700 ng
RT: 13.337 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

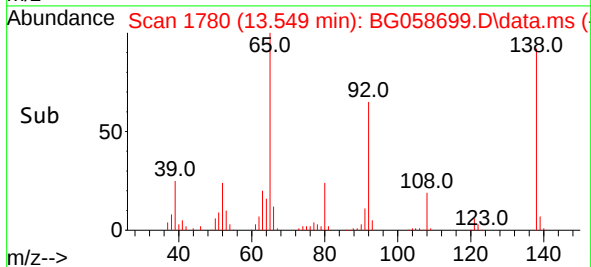
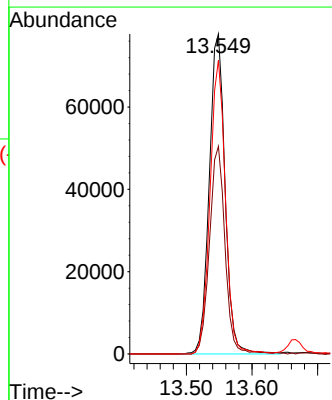
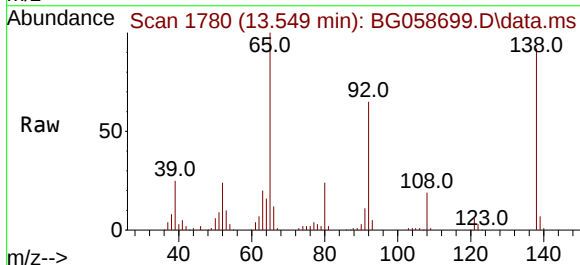
Instrument :
BNA_G
ClientSampleId :
PB154732BS

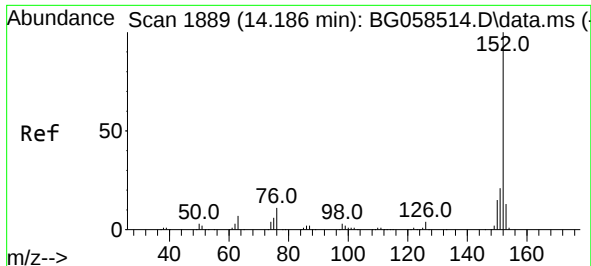
Tgt Ion:162 Resp: 325771
Ion Ratio Lower Upper
162 100
127 38.7 30.9 46.3
164 35.2 27.2 40.8



#48
2-Nitroaniline
Concen: 49.014 ng
RT: 13.549 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion: 65 Resp: 130506
Ion Ratio Lower Upper
65 100
92 64.9 49.2 73.8
138 91.9 71.5 107.3

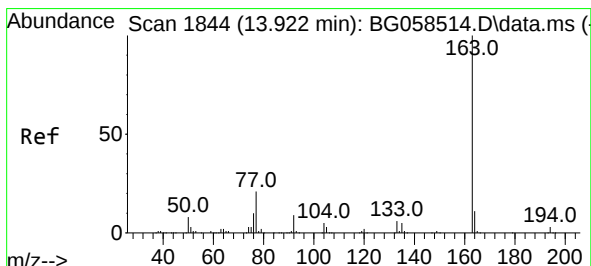
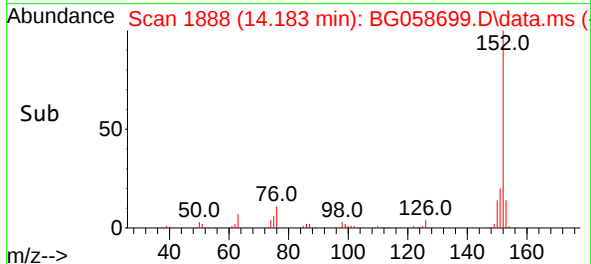
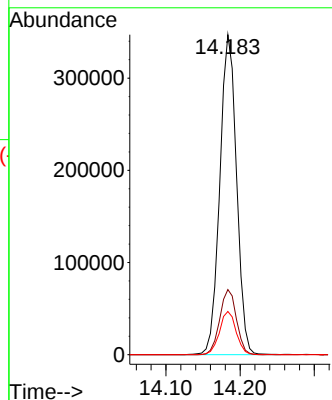
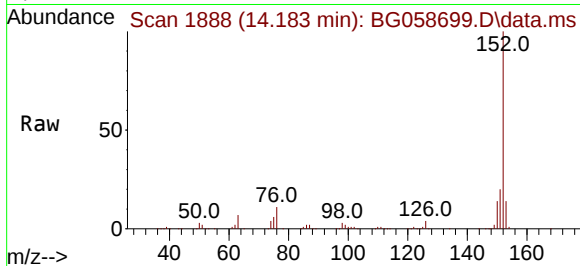




#49
Acenaphthylene
Concen: 46.562 ng
RT: 14.183 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

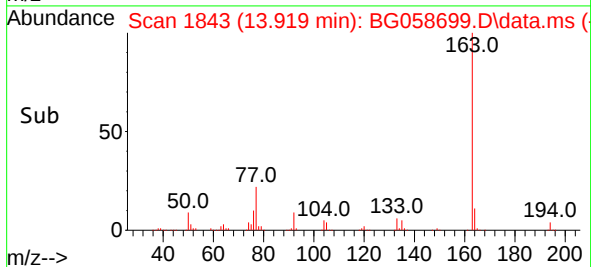
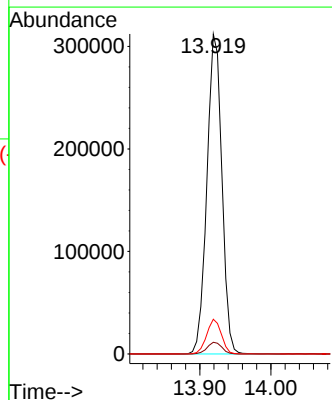
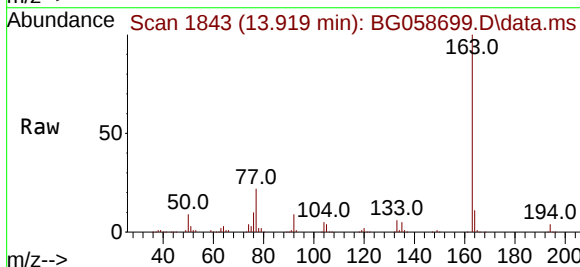
Instrument :
BNA_G
ClientSampleId :
PB154732BS

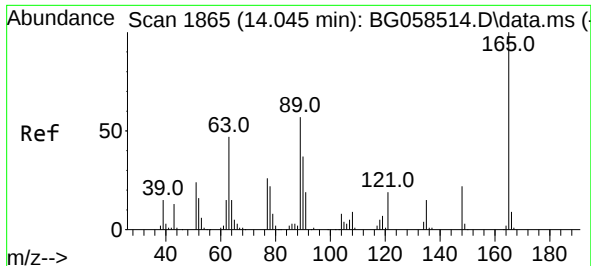
Tgt Ion:152 Resp: 543811
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.5 10.7 16.1



#50
Dimethylphthalate
Concen: 46.786 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:163 Resp: 457762
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.9 8.6 12.8

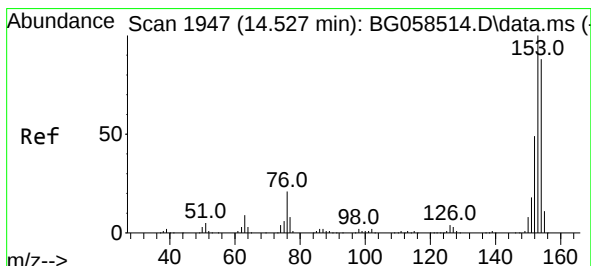
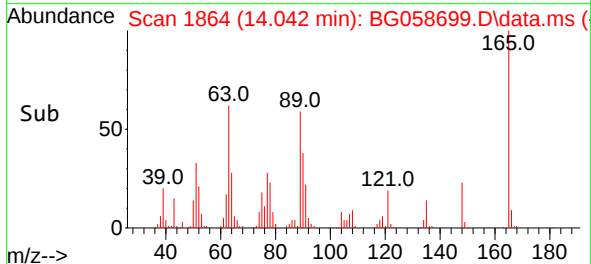
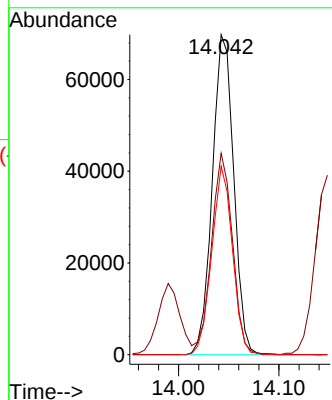
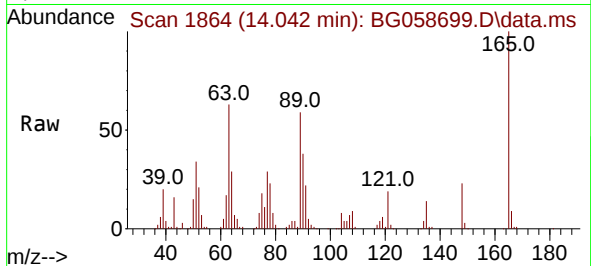




#51
2,6-Dinitrotoluene
Concen: 48.021 ng
RT: 14.042 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

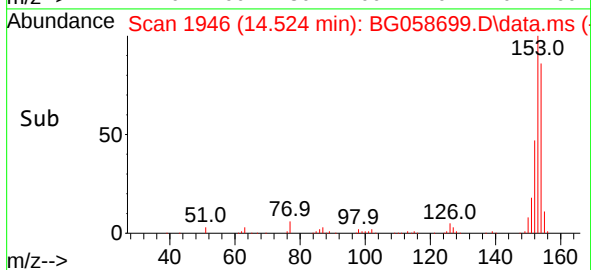
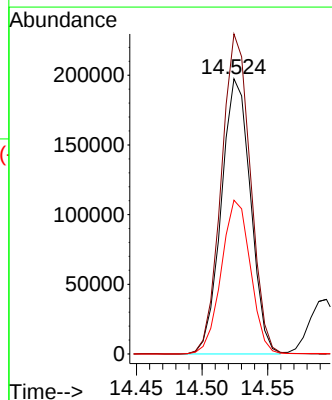
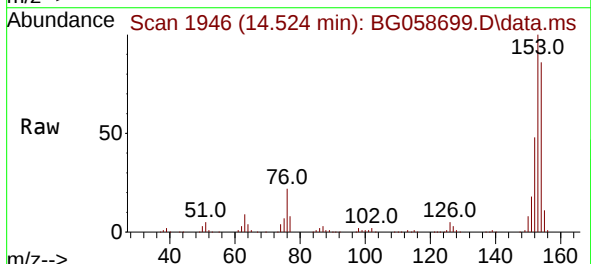
Instrument :
BNA_G
ClientSampleId :
PB154732BS

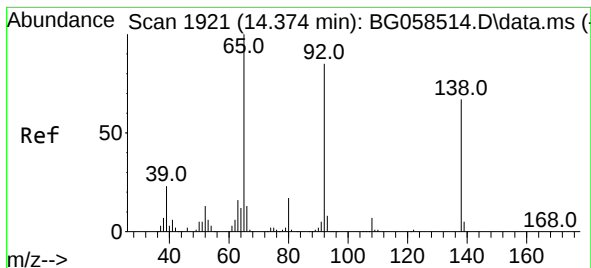
Tgt Ion:165 Resp: 103092
Ion Ratio Lower Upper
165 100
63 62.9 46.4 69.6
89 58.9 45.3 67.9



#52
Acenaphthene
Concen: 45.315 ng
RT: 14.524 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:154 Resp: 305805
Ion Ratio Lower Upper
154 100
153 116.3 91.1 136.7
152 55.8 44.6 66.8

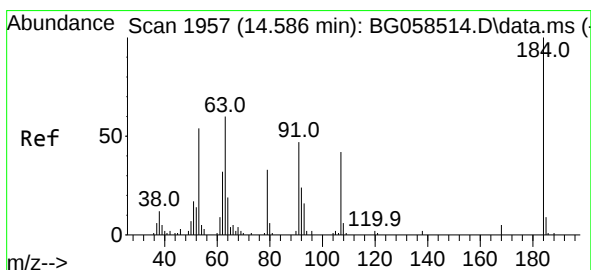
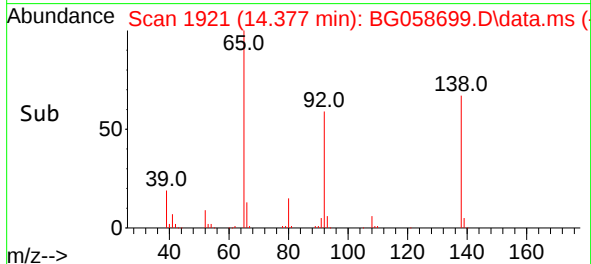
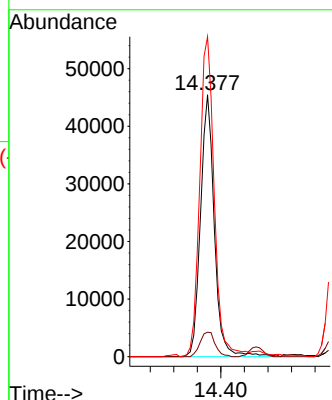
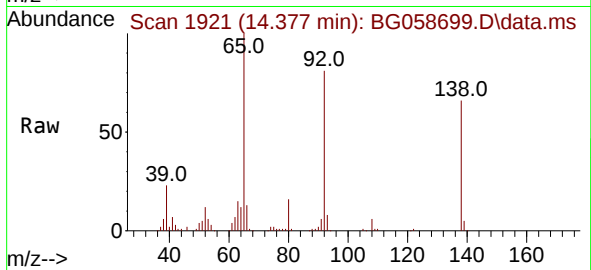




#53
3-Nitroaniline
Concen: 34.456 ng
RT: 14.377 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

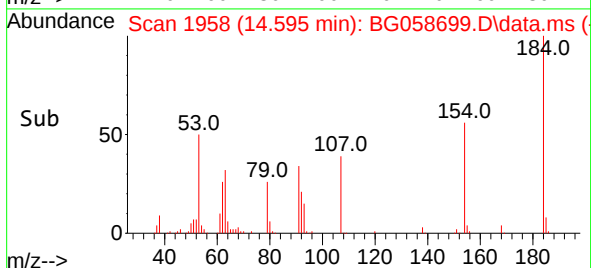
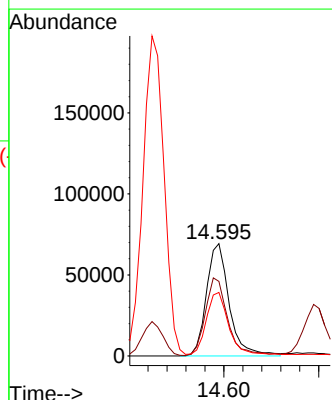
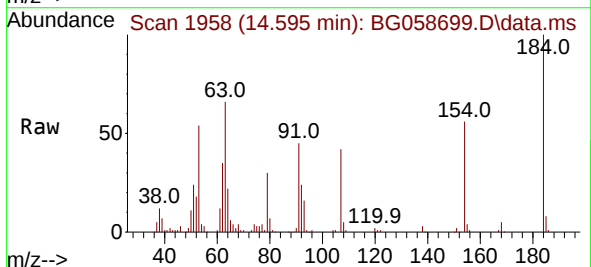
Instrument :
BNA_G
ClientSampleId :
PB154732BS

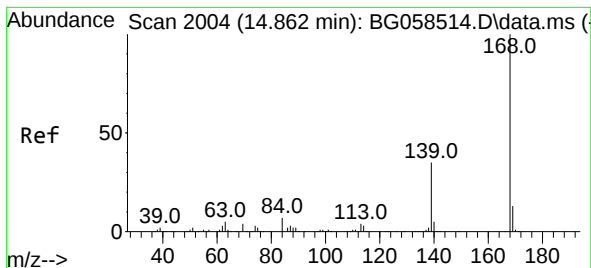
Tgt Ion:138 Resp: 74006
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 122.2 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 94.137 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:184 Resp: 115691
Ion Ratio Lower Upper
184 100
63 66.3 56.7 85.1
154 56.5 46.1 69.1





#55

Dibenzenofuran

Concen: 45.213 ng

RT: 14.859 min Scan# 2004

Delta R.T. -0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

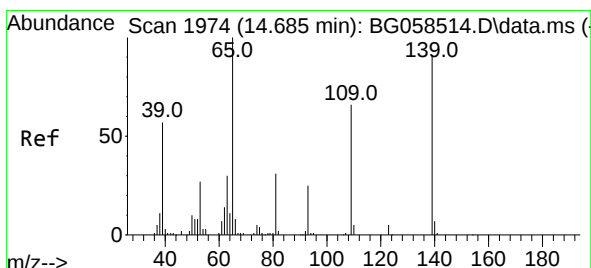
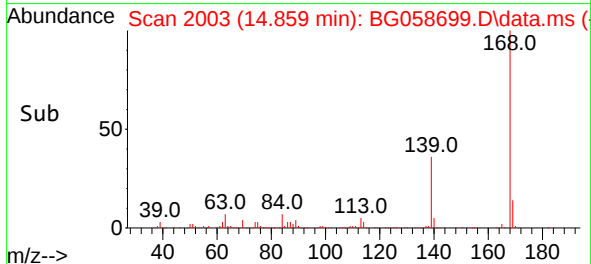
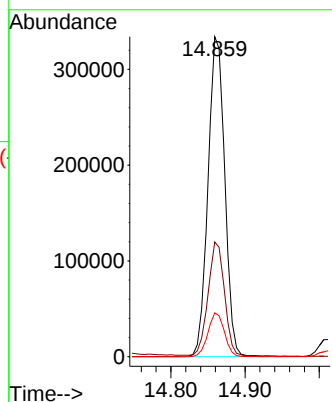
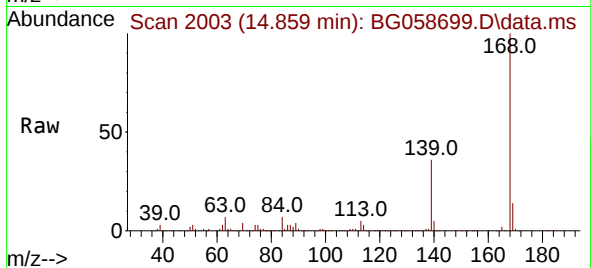
Tgt Ion:168 Resp: 524288

Ion Ratio Lower Upper

168 100

139 35.9 27.8 41.8

169 13.7 10.6 16.0



#56

4-Nitrophenol

Concen: 98.597 ng

RT: 14.700 min Scan# 1976

Delta R.T. 0.015 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

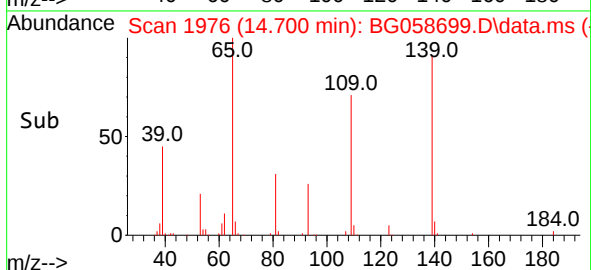
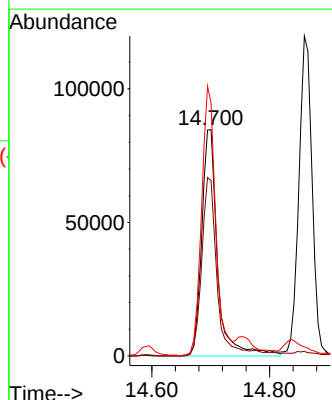
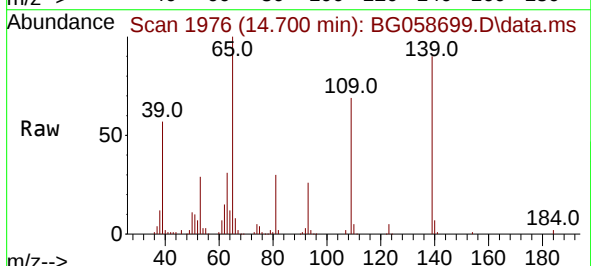
Tgt Ion:139 Resp: 158207

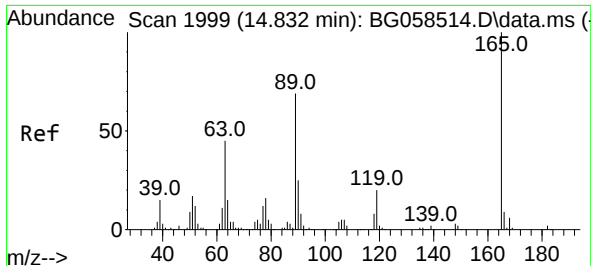
Ion Ratio Lower Upper

139 100

109 77.5 52.5 92.5

65 111.6 90.5 130.5

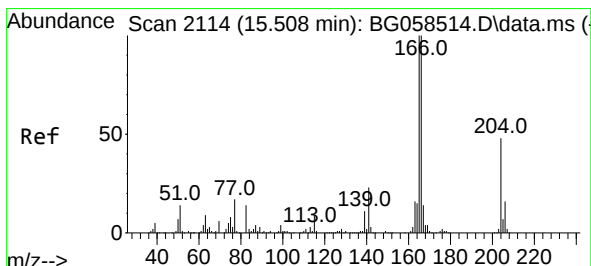
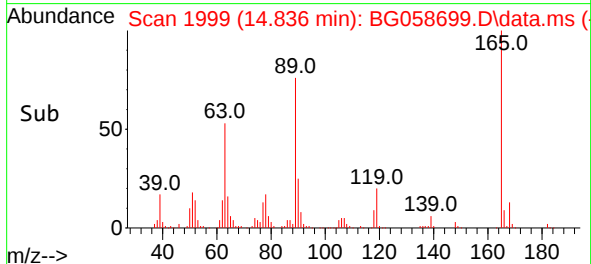
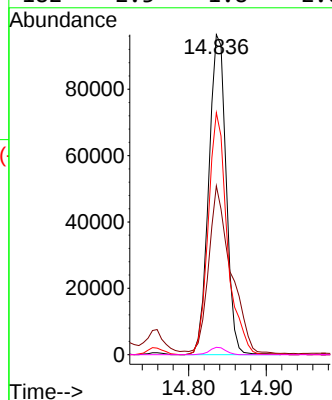
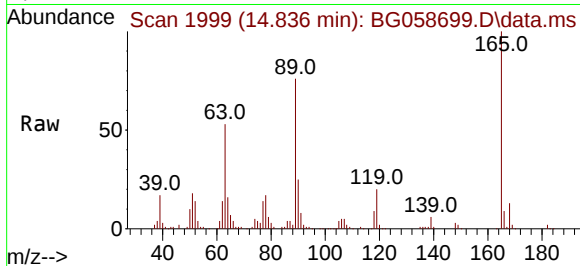




#57
2,4-Dinitrotoluene
Concen: 50.396 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

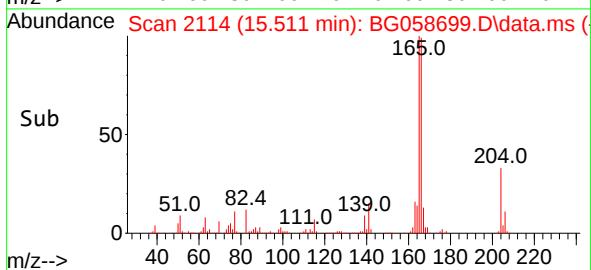
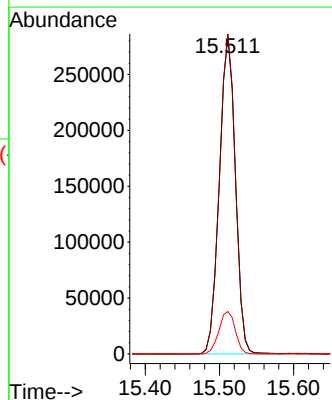
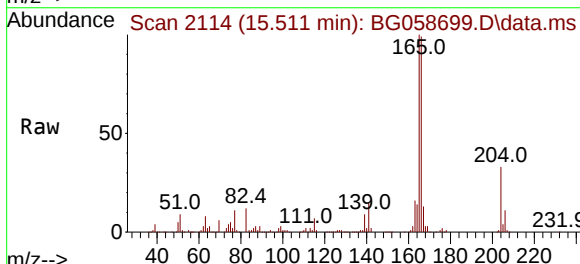
Instrument :
BNA_G
ClientSampleId :
PB154732BS

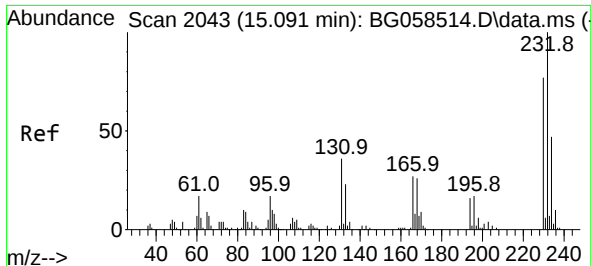
Tgt Ion:	165	Resp:	149993
Ion	Ratio	Lower	Upper
165	100		
63	52.7	36.6	54.8
89	75.6	55.4	83.0
182	2.3	1.8	2.6



#58
Fluorene
Concen: 46.283 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:	166	Resp:	426361
Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.0	120.0
167	13.4	11.3	16.9

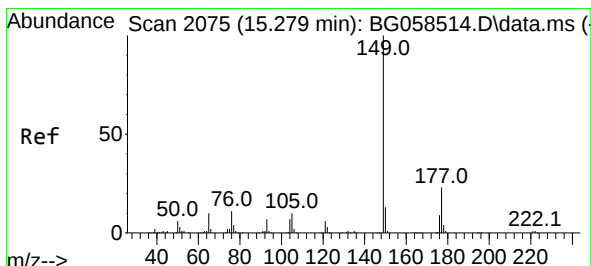
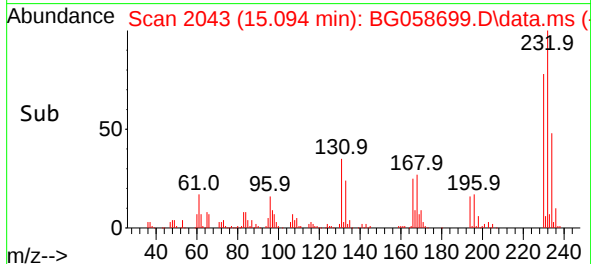
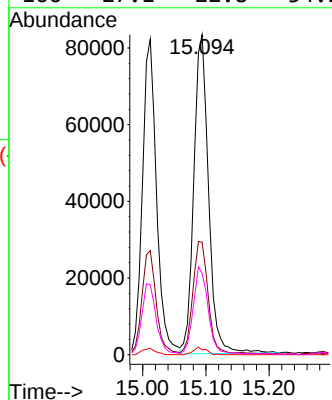
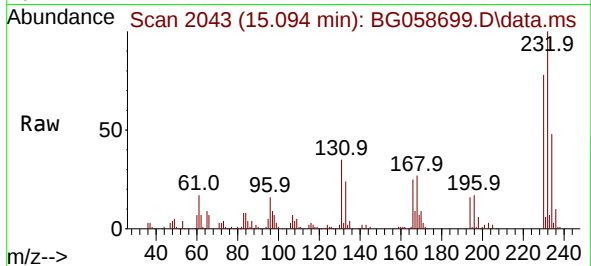




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.875 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

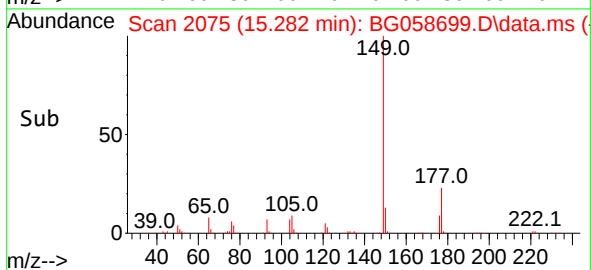
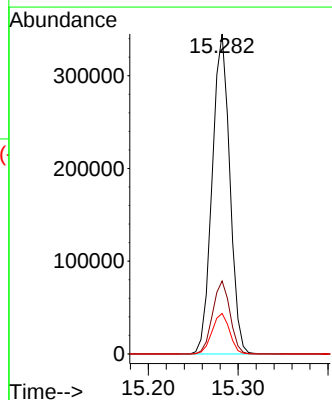
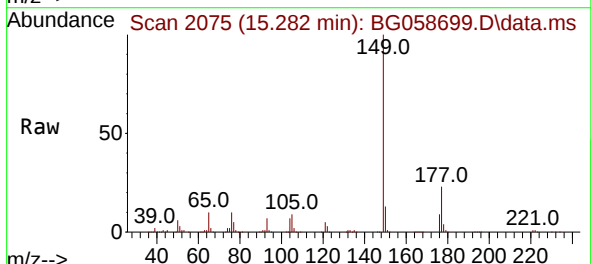
Instrument :
BNA_G
ClientSampleId :
PB154732BS

Tgt Ion:232 Resp: 135138
Ion Ratio Lower Upper
232 100
131 35.5 30.0 45.0
130 2.0 1.5 2.3
166 27.1 22.8 34.2



#60
Diethylphthalate
Concen: 47.133 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:149 Resp: 469806
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.6 10.2 15.4

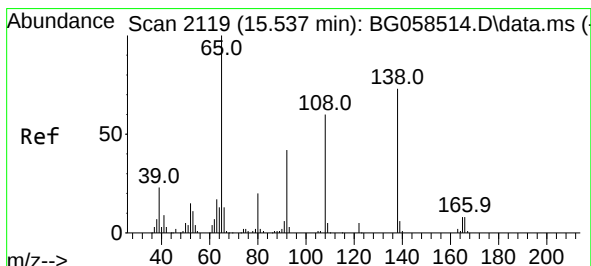
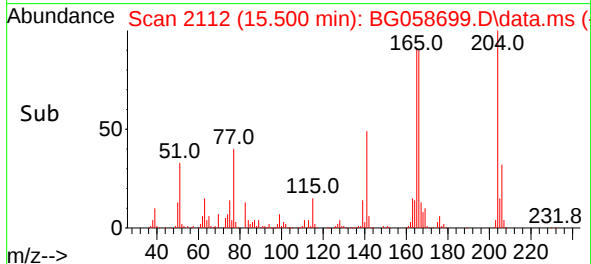
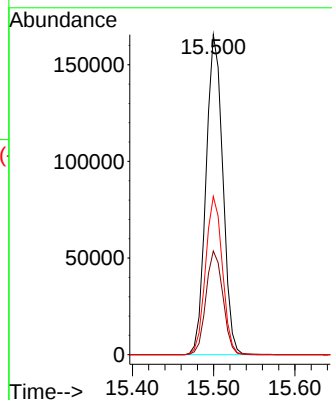
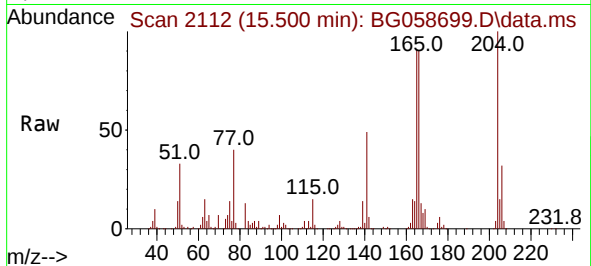




#61
4-Chlorophenyl-phenylether
Concen: 46.191 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

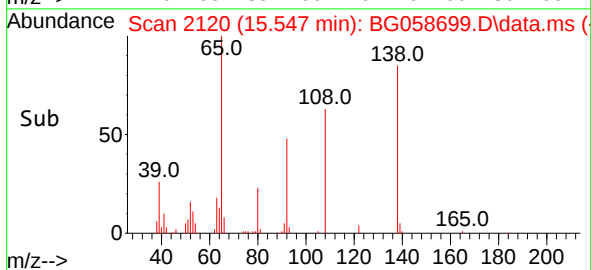
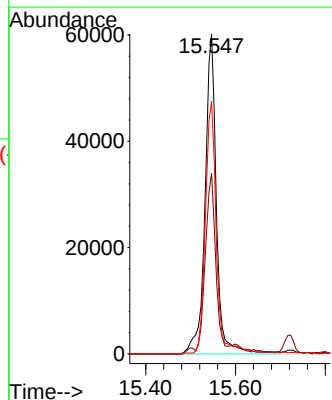
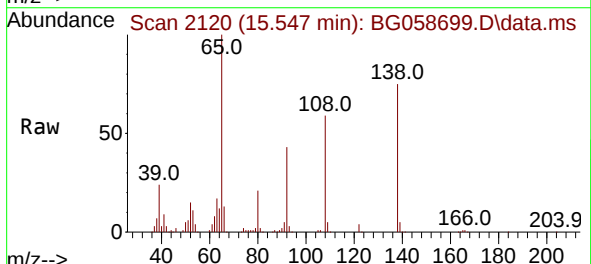
Instrument :
BNA_G
ClientSampleId :
PB154732BS

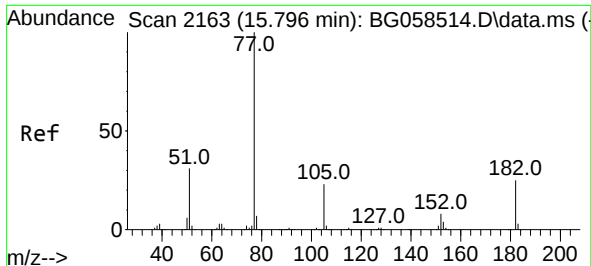
Tgt Ion:204 Resp: 237225
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 49.5 40.8 61.2



#62
4-Nitroaniline
Concen: 52.333 ng
RT: 15.547 min Scan# 2120
Delta R.T. 0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:138 Resp: 106481
Ion Ratio Lower Upper
138 100
92 56.5 37.3 77.3
108 78.9 62.6 102.6



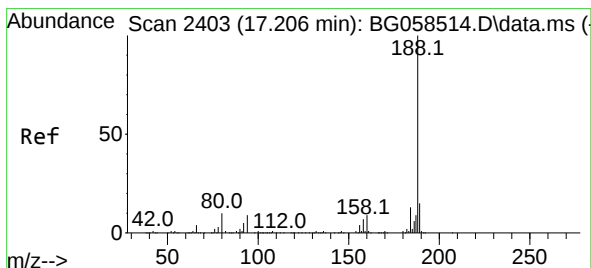
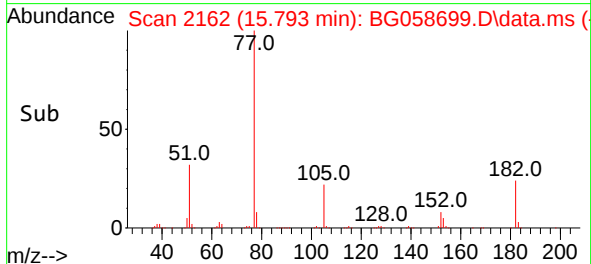
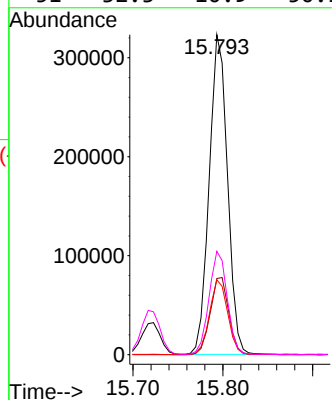
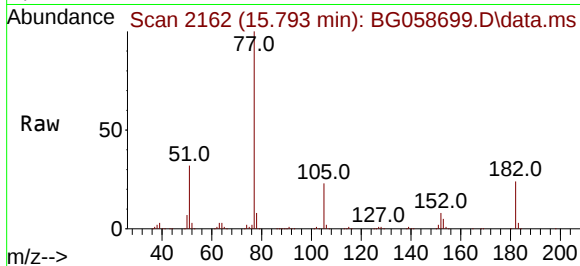


#63
 Azobenzene
 Concen: 46.499 ng
 RT: 15.793 min Scan# 2162
 Delta R.T. -0.003 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

Instrument :
 BNA_G
 ClientSampleId :
 PB154732BS

Tgt Ion: 77 Resp: 456510

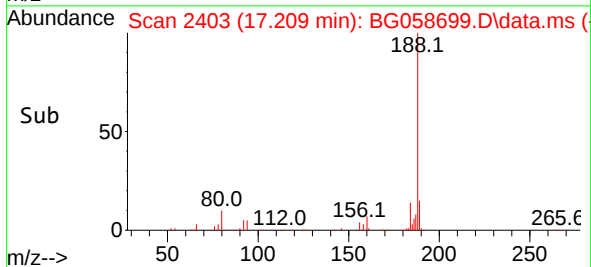
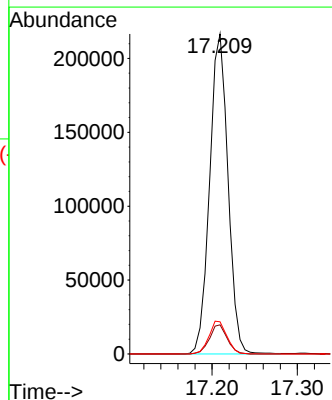
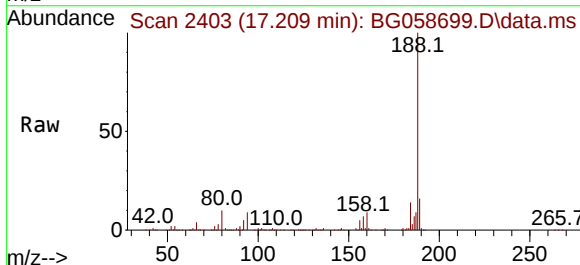
Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.6	44.6
105	23.4	3.3	43.3
51	32.3	10.9	50.9

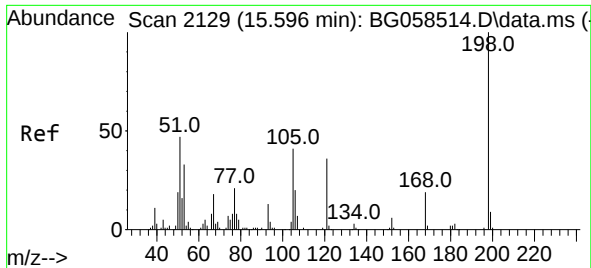


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.209 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

Tgt Ion: 188 Resp: 323662

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	10.0	8.1	12.1

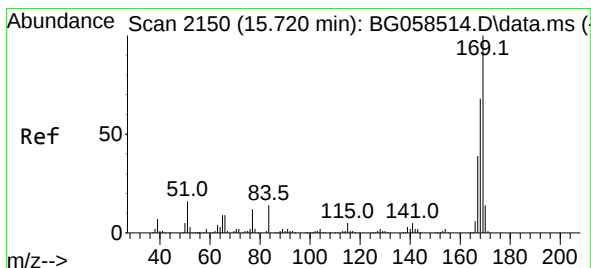
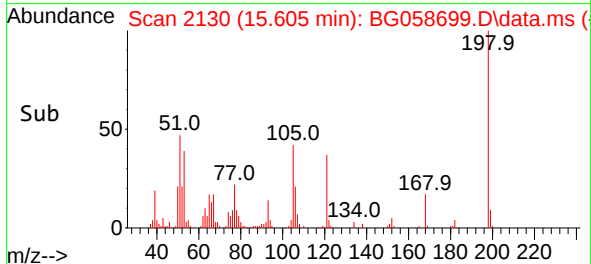
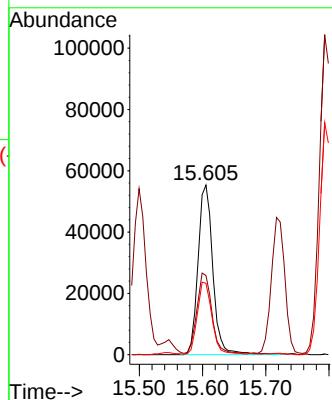
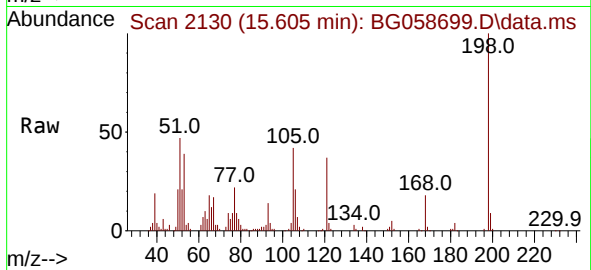




#65
4,6-Dinitro-2-methylphenol
Concen: 50.554 ng
RT: 15.605 min Scan# 2129
Delta R.T. 0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

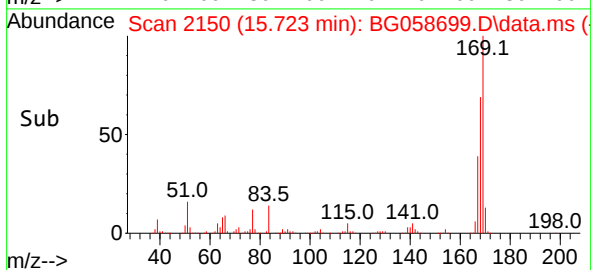
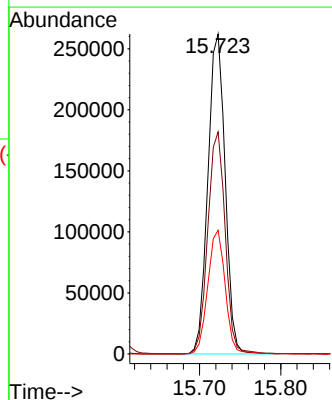
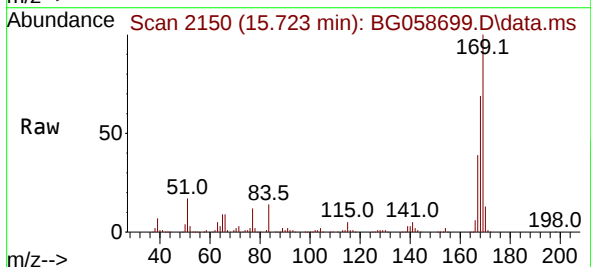
Instrument :
BNA_G
ClientSampleId :
PB154732BS

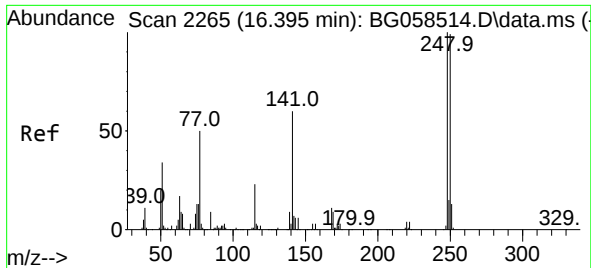
Tgt Ion:198 Resp: 90221
Ion Ratio Lower Upper
198 100
51 46.7 29.3 69.3
105 42.1 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 45.863 ng
RT: 15.723 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:169 Resp: 386347
Ion Ratio Lower Upper
169 100
168 69.4 54.6 82.0
167 38.7 31.3 46.9

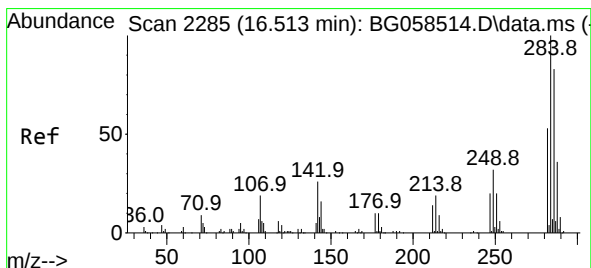
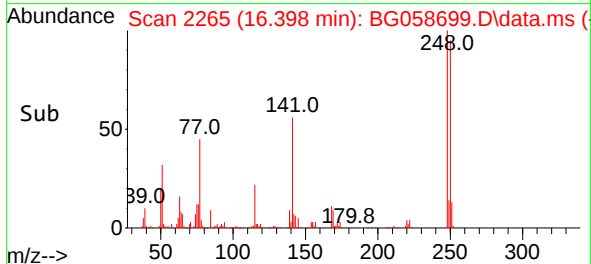
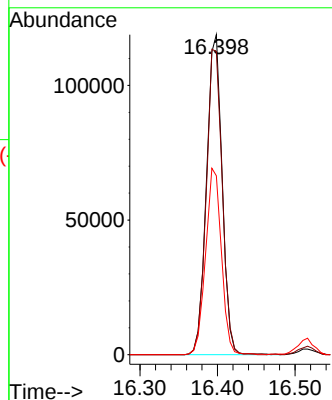
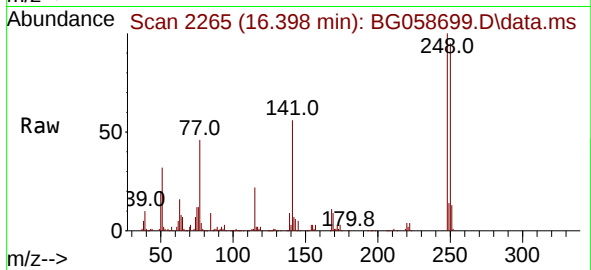




#67
4-Bromophenyl-phenylether
Concen: 45.159 ng
RT: 16.398 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

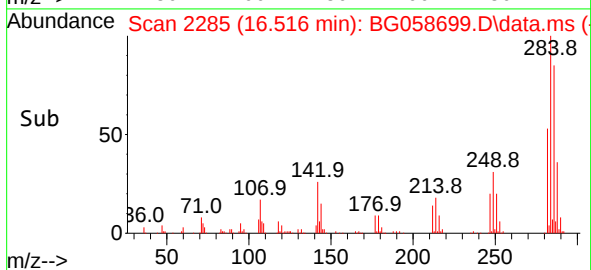
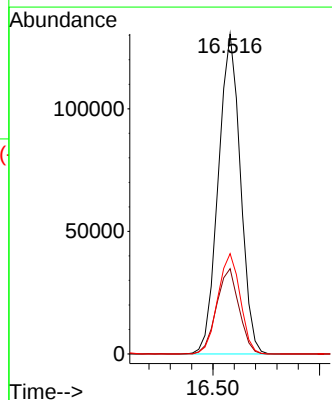
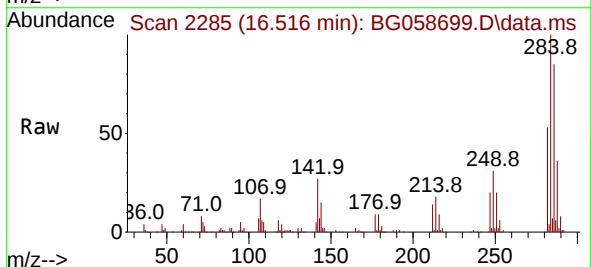
Instrument :
BNA_G
ClientSampleId :
PB154732BS

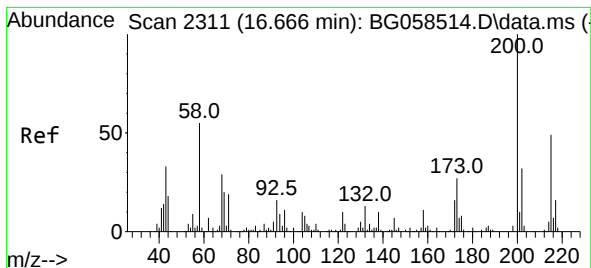
Tgt Ion:248 Resp: 165779
Ion Ratio Lower Upper
248 100
250 94.7 79.5 119.3
141 55.9 48.2 72.2



#68
Hexachlorobenzene
Concen: 48.183 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:284 Resp: 187433
Ion Ratio Lower Upper
284 100
142 26.7 21.0 31.4
249 31.3 25.5 38.3





#69

Atrazine

Concen: 57.171 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

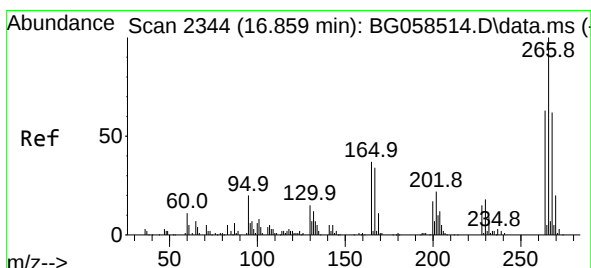
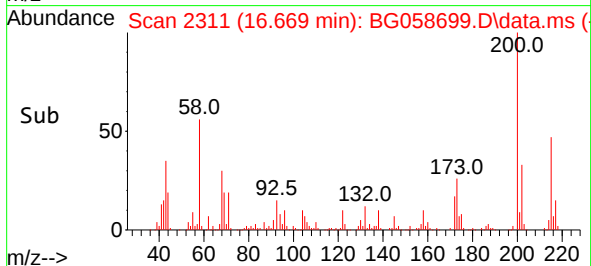
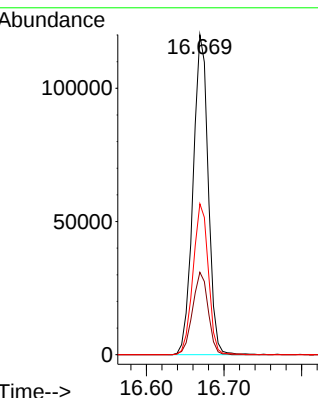
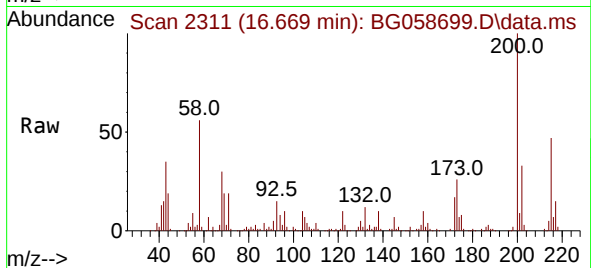
Tgt Ion:200 Resp: 162579

Ion Ratio Lower Upper

200 100

173 25.7 6.5 46.5

215 47.1 28.9 68.9



#70

Pentachlorophenol

Concen: 79.647 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.004 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

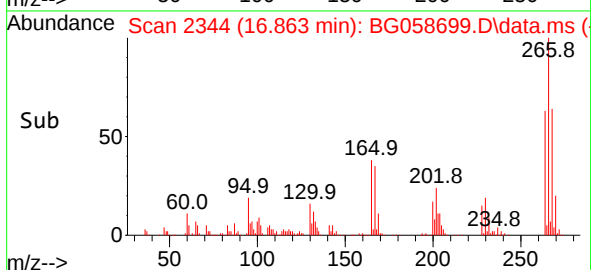
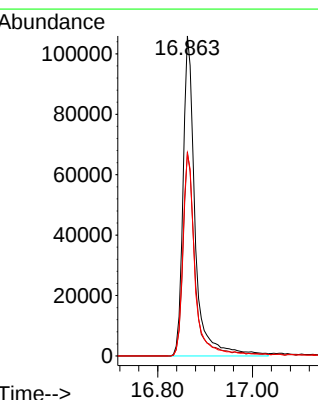
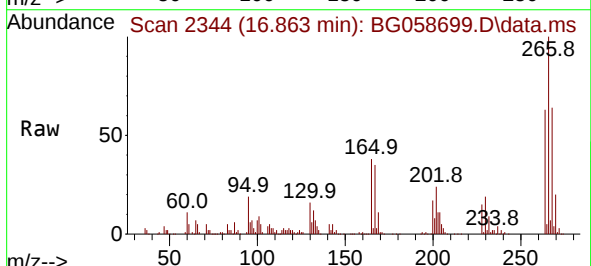
Tgt Ion:266 Resp: 187532

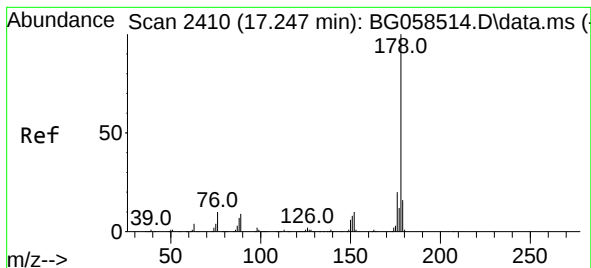
Ion Ratio Lower Upper

266 100

268 63.8 49.9 74.9

264 63.2 50.2 75.4





#71

Phenanthrene

Concen: 46.535 ng

RT: 17.250 min Scan# 2410

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

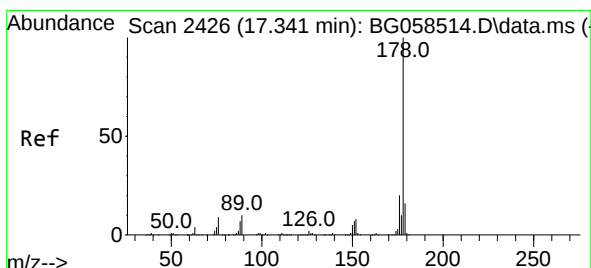
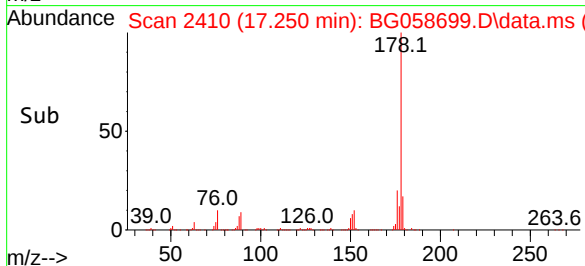
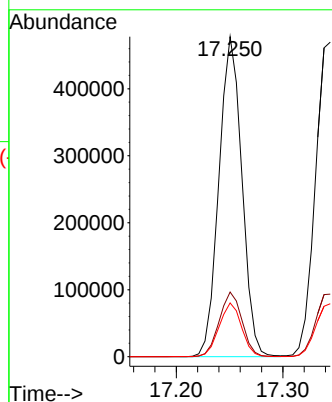
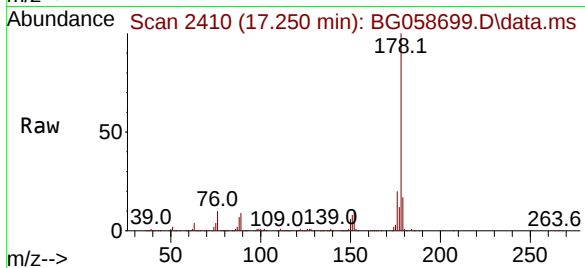
Tgt Ion:178 Resp: 714284

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

179 16.8 13.1 19.7



#72

Anthracene

Concen: 46.482 ng

RT: 17.344 min Scan# 2426

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

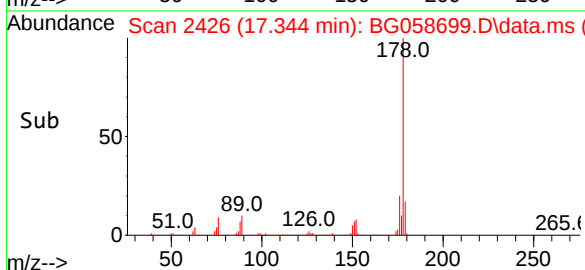
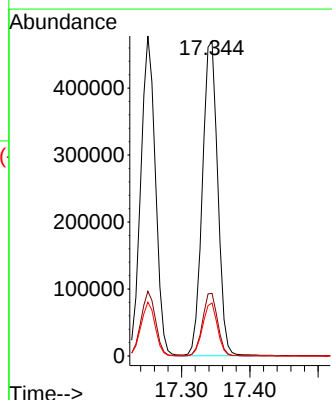
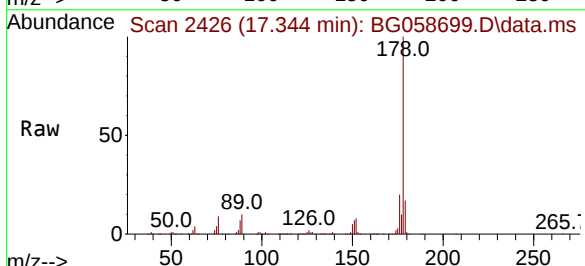
Tgt Ion:178 Resp: 732087

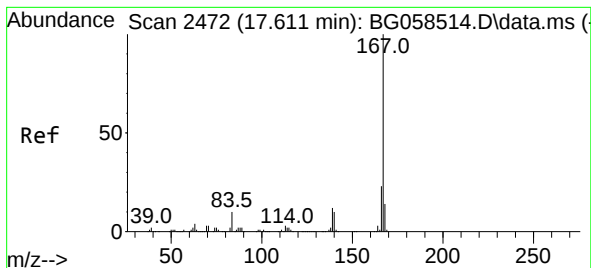
Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 16.9 12.9 19.3





#73

Carbazole

Concen: 49.910 ng

RT: 17.615 min Scan# 2472

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

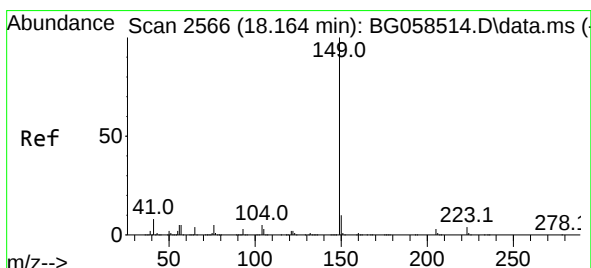
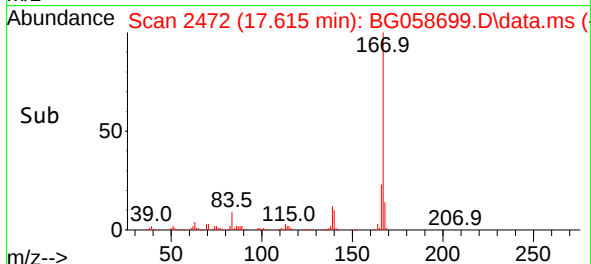
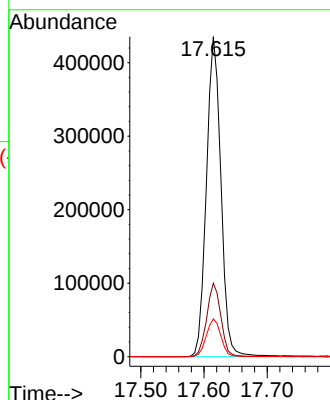
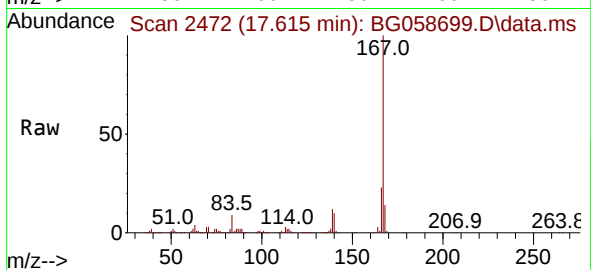
Tgt Ion:167 Resp: 693179

Ion Ratio Lower Upper

167 100

166 22.9 18.4 27.6

139 11.8 10.0 15.0



#74

Di-n-butylphthalate

Concen: 48.217 ng

RT: 18.167 min Scan# 2566

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

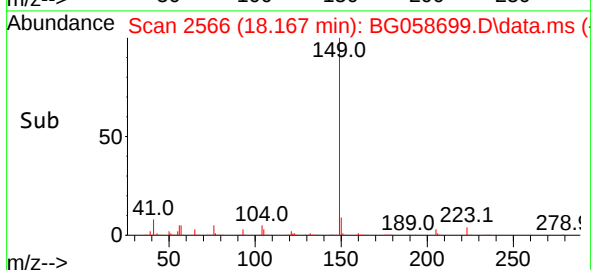
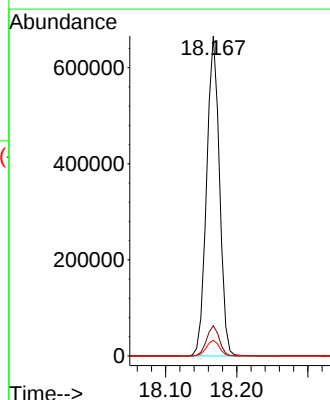
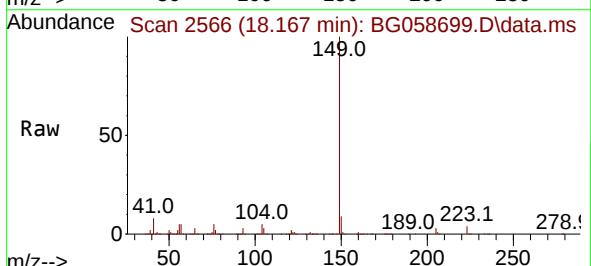
Tgt Ion:149 Resp: 838793

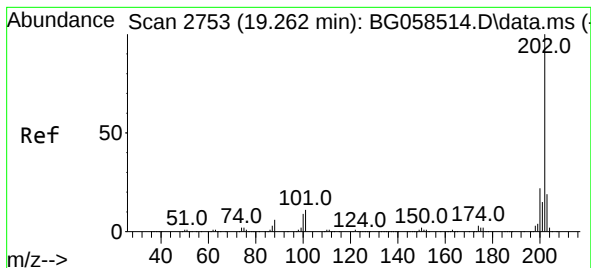
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 47.928 ng

RT: 19.266 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

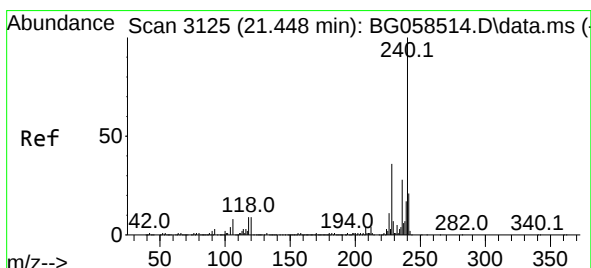
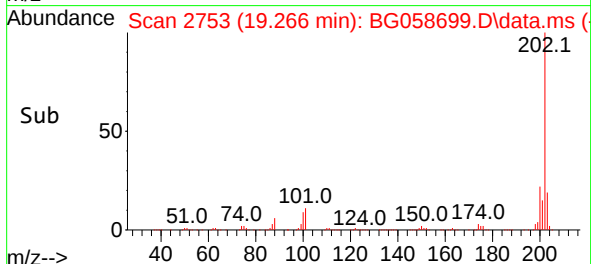
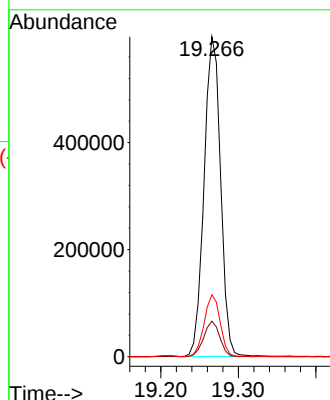
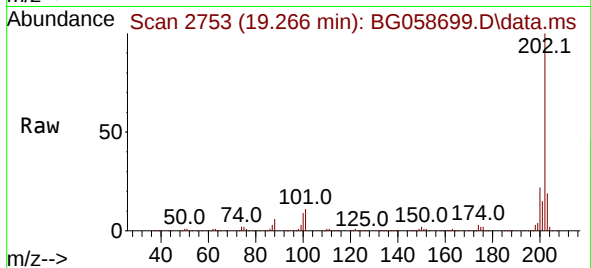
Tgt Ion:202 Resp: 883697

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.4

203 19.4 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 3125

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

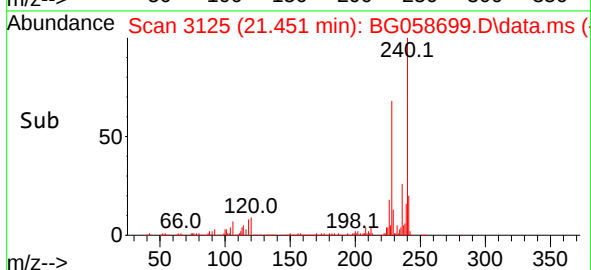
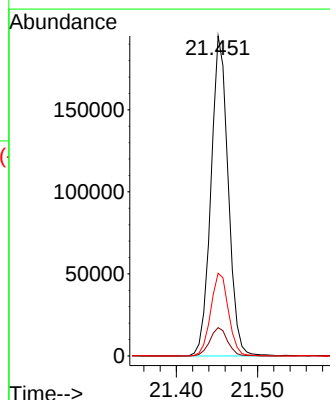
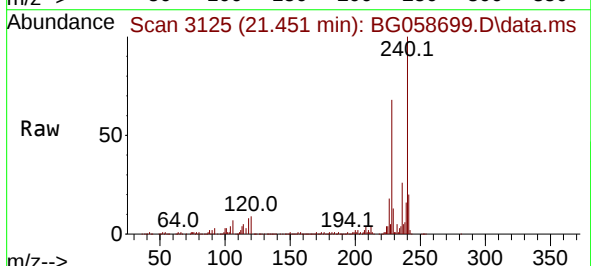
Tgt Ion:240 Resp: 286430

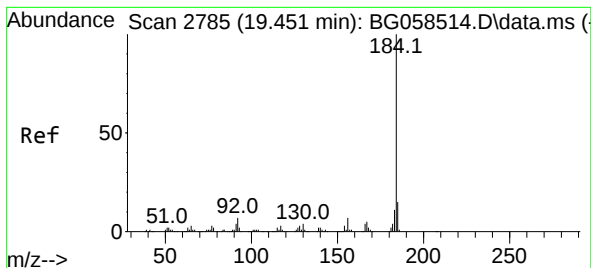
Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 25.9 22.2 33.4





#77

Benzidine

Concen: 69.794 ng

RT: 19.454 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

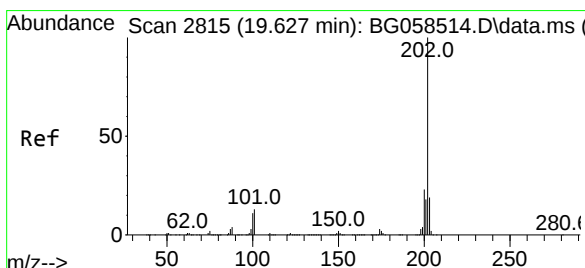
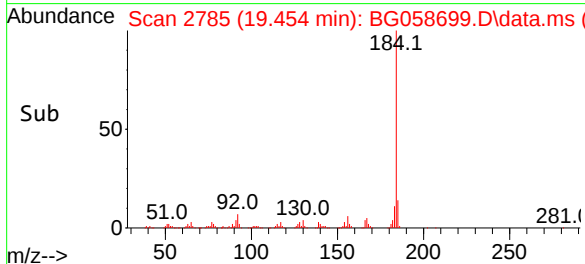
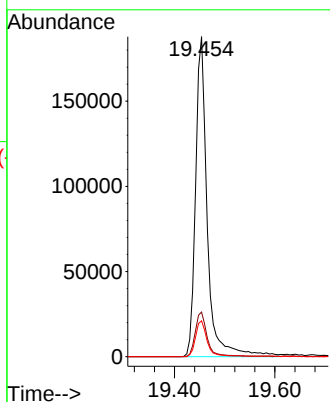
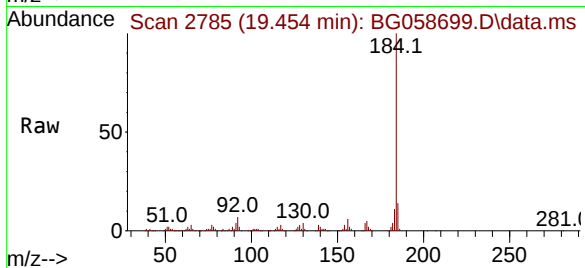
Tgt Ion:184 Resp: 303144

Ion Ratio Lower Upper

184 100

185 14.0 11.9 17.9

183 11.2 8.7 13.1



#78

Pyrene

Concen: 46.881 ng

RT: 19.630 min Scan# 2815

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

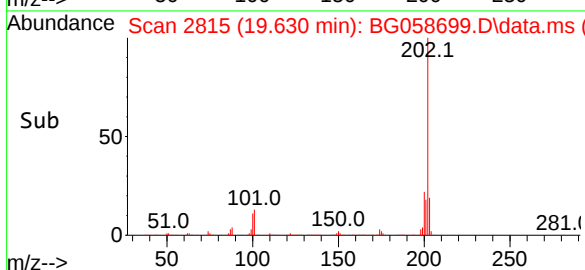
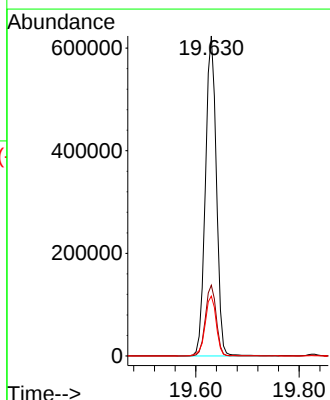
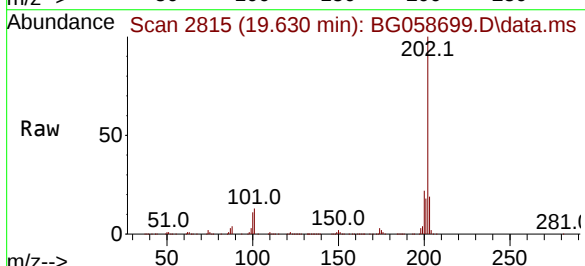
Tgt Ion:202 Resp: 913851

Ion Ratio Lower Upper

202 100

200 22.1 18.2 27.2

203 18.7 15.1 22.7

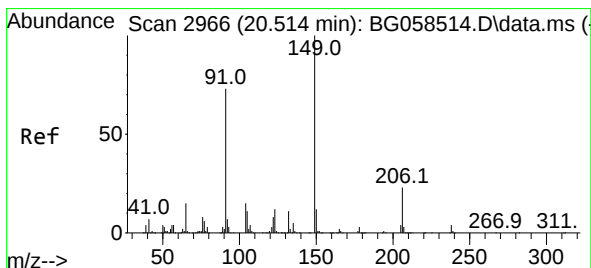
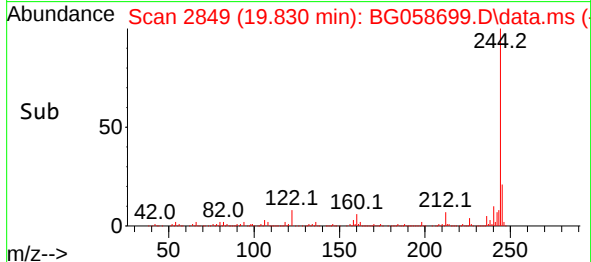
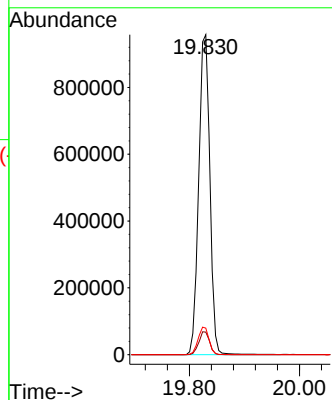
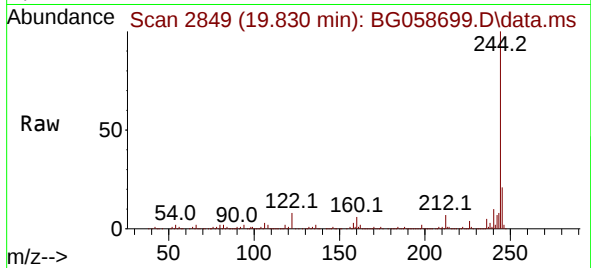




#79
 Terphenyl-d14
 Concen: 88.586 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

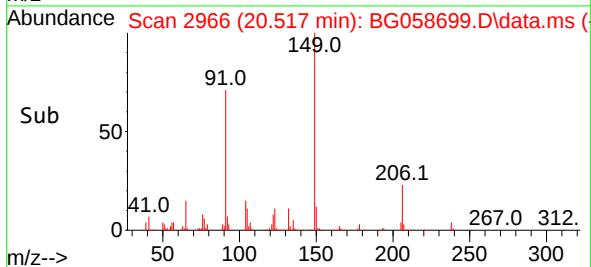
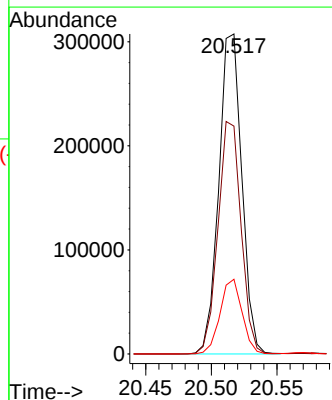
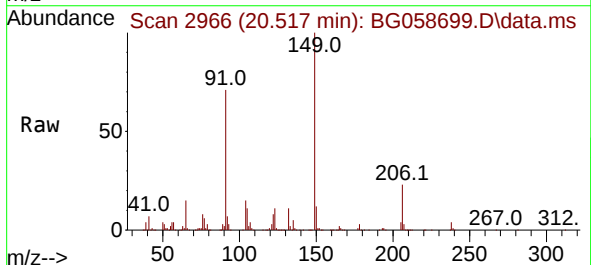
Instrument :
 BNA_G
 ClientSampleId :
 PB154732BS

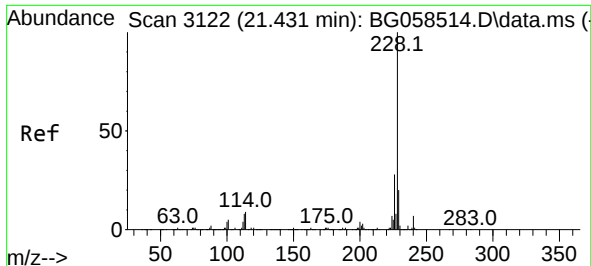
Tgt Ion:244 Resp: 1349279
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.3 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 46.743 ng
 RT: 20.517 min Scan# 2966
 Delta R.T. 0.003 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

Tgt Ion:149 Resp: 374271
 Ion Ratio Lower Upper
 149 100
 91 71.2 58.4 87.6
 206 23.3 18.3 27.5

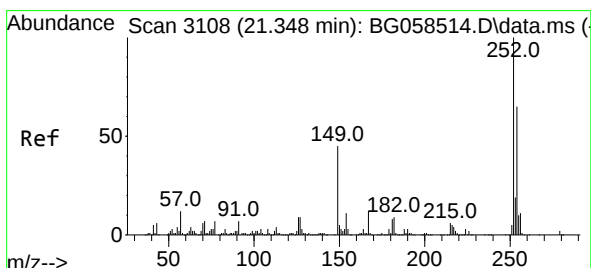
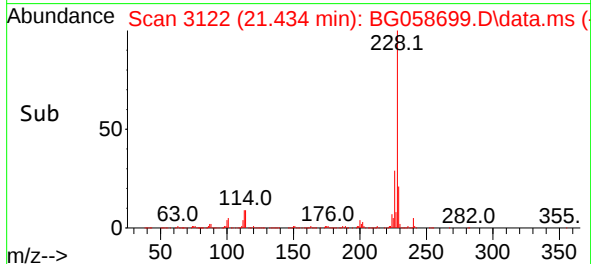
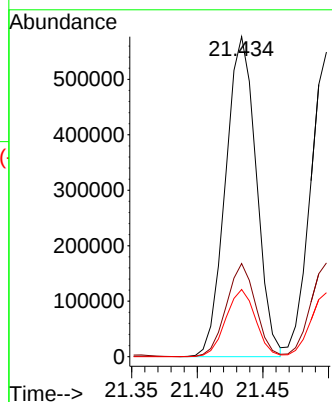
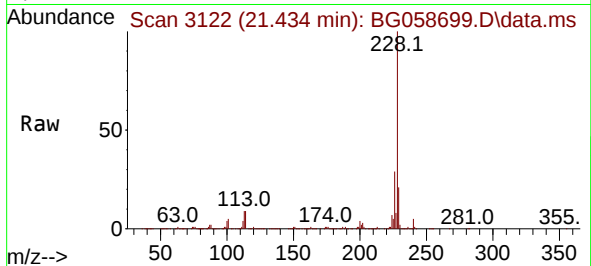




#81
Benzo(a)anthracene
Concen: 47.613 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

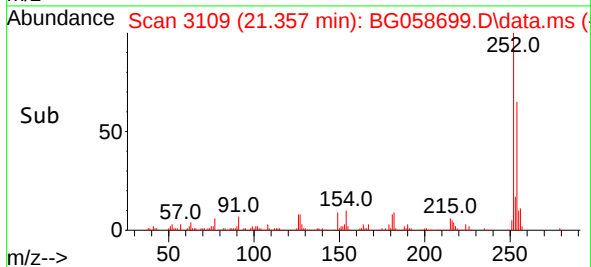
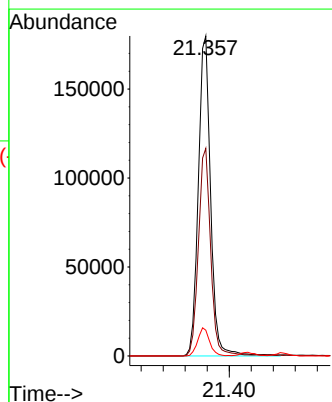
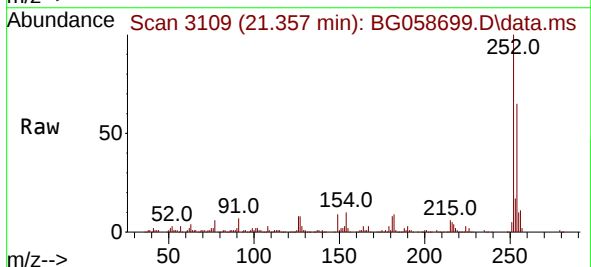
Instrument :
BNA_G
ClientSampleId :
PB154732BS

Tgt Ion:228 Resp: 938549
Ion Ratio Lower Upper
228 100
226 29.1 22.6 33.8
229 21.0 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 41.926 ng
RT: 21.357 min Scan# 3109
Delta R.T. 0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:252 Resp: 279423
Ion Ratio Lower Upper
252 100
254 64.8 52.2 78.4
126 8.1 7.2 10.8





#83

Chrysene

Concen: 46.390 ng

RT: 21.498 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

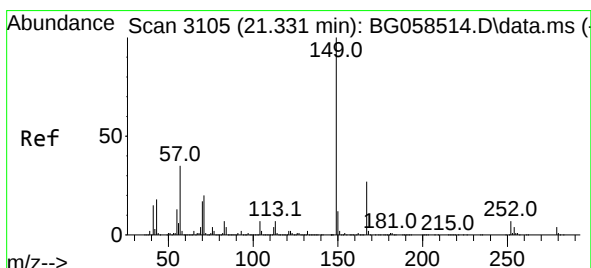
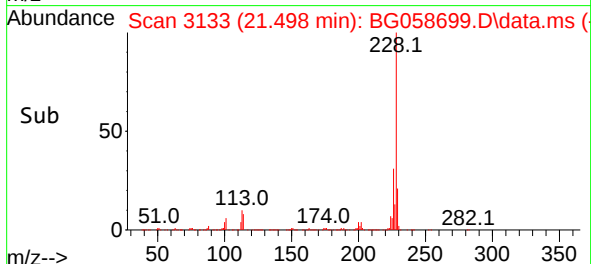
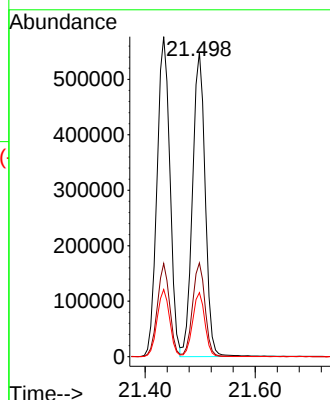
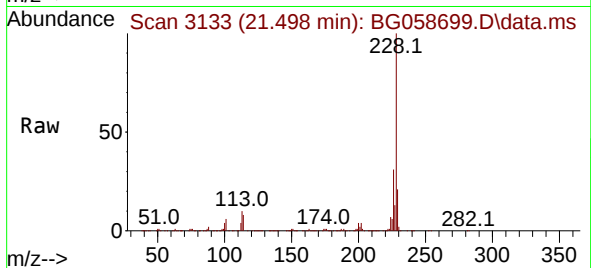
Tgt Ion:228 Resp: 876749

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 21.0 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.512 ng

RT: 21.334 min Scan# 3105

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

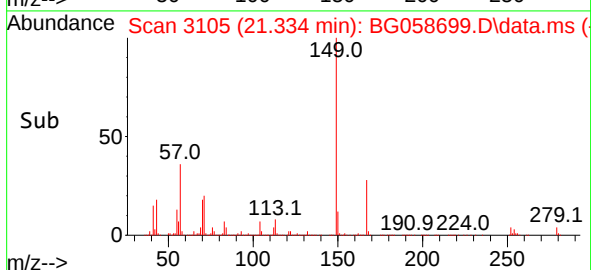
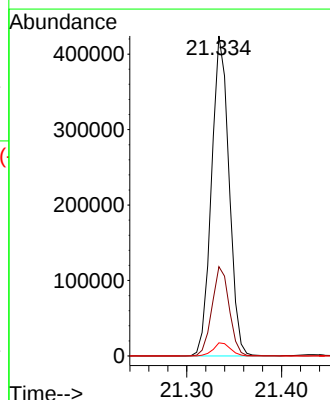
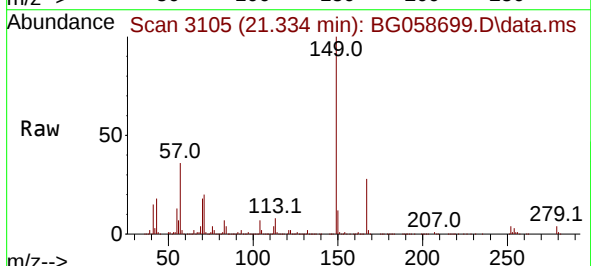
Tgt Ion:149 Resp: 544230

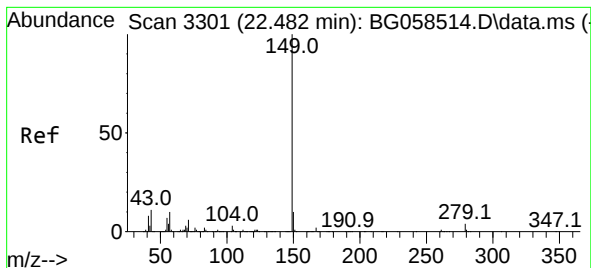
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.628 ng

RT: 22.485 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB154732BS

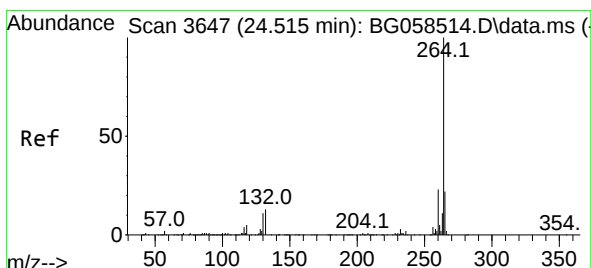
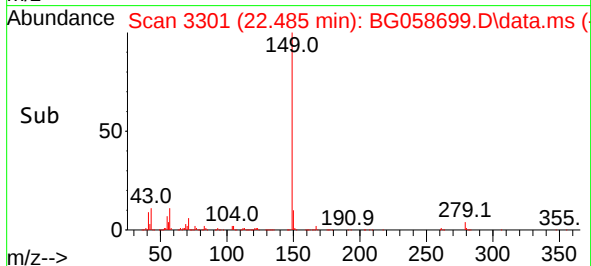
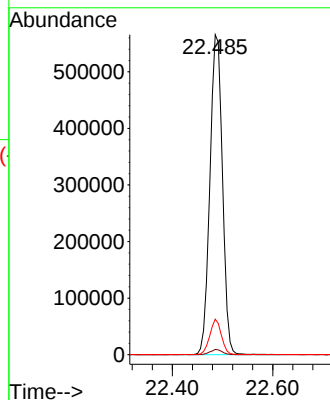
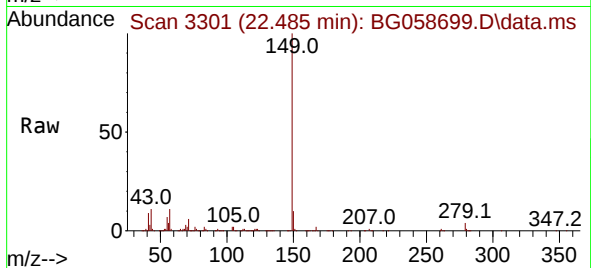
Tgt Ion:149 Resp: 979780

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: 24.524 min Scan# 3648

Delta R.T. 0.009 min

Lab File: BG058699.D

Acq: 11 Aug 2023 11:46

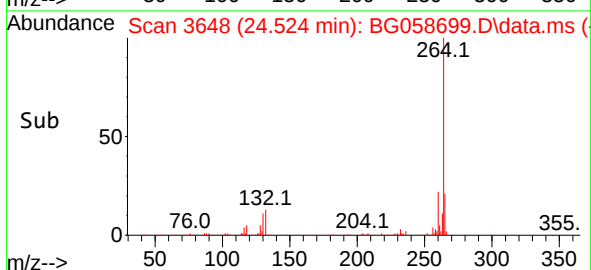
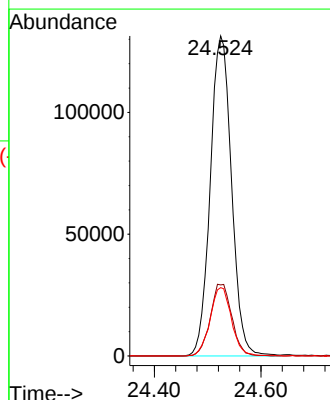
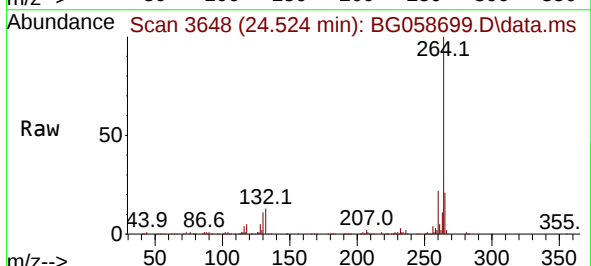
Tgt Ion:264 Resp: 363719

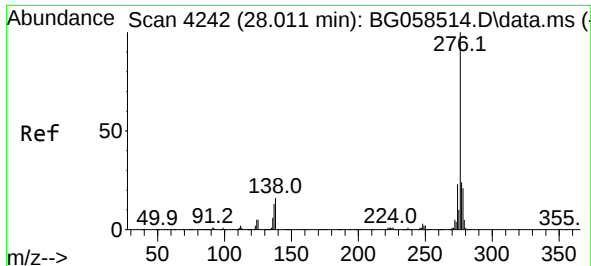
Ion Ratio Lower Upper

264 100

260 22.2 18.4 27.6

265 21.3 17.9 26.9

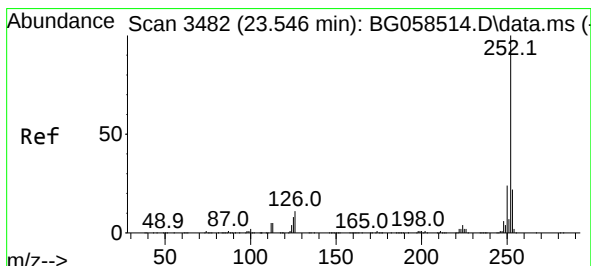
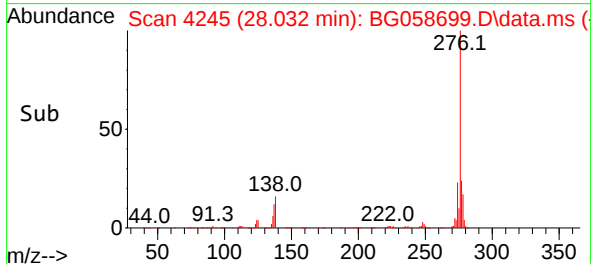
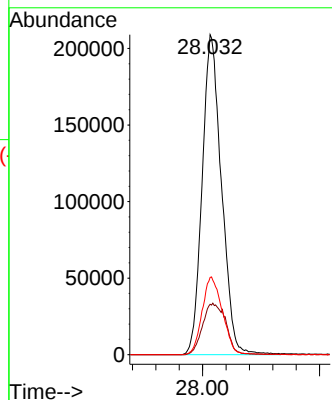
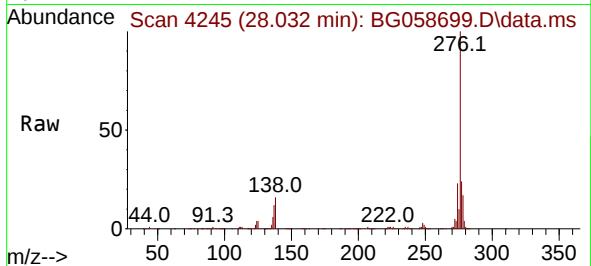




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.606 ng
 RT: 28.032 min Scan# 41
 Delta R.T. 0.021 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

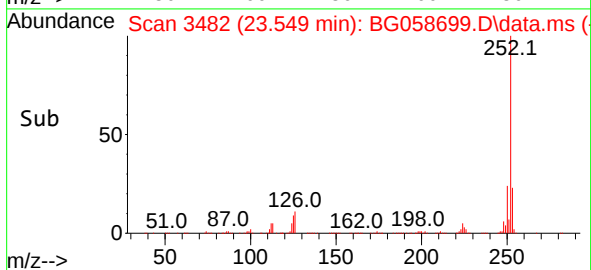
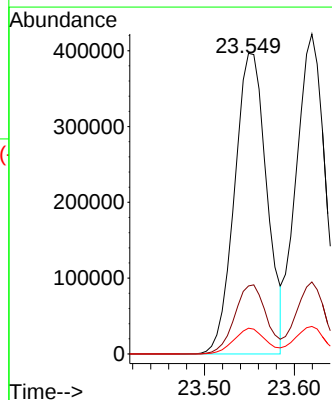
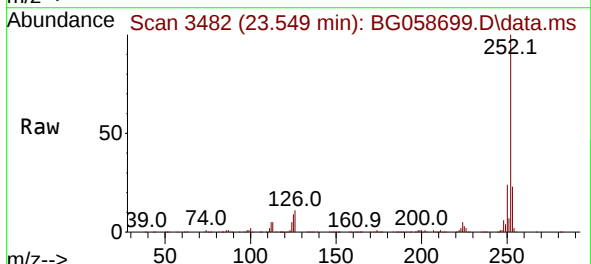
Instrument :
 BNA_G
 ClientSampleId :
 PB154732BS

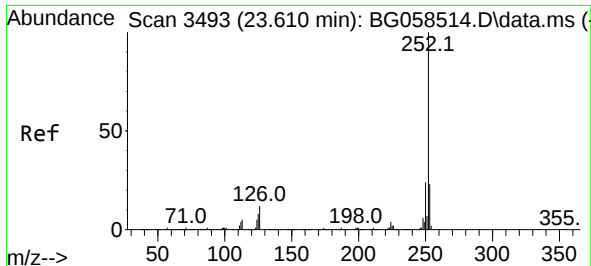
Tgt Ion:276 Resp: 1200309
 Ion Ratio Lower Upper
 276 100
 138 19.2 16.0 24.0
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 50.142 ng
 RT: 23.549 min Scan# 3482
 Delta R.T. 0.003 min
 Lab File: BG058699.D
 Acq: 11 Aug 2023 11:46

Tgt Ion:252 Resp: 989173
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 8.6 6.6 9.8

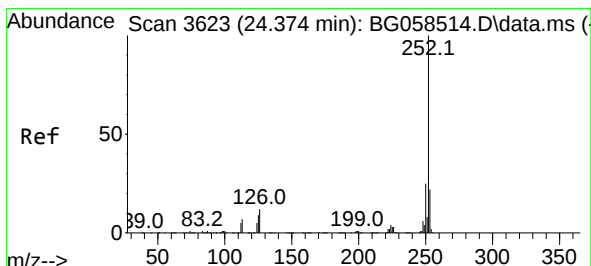
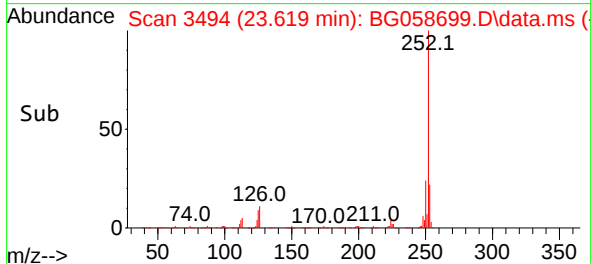
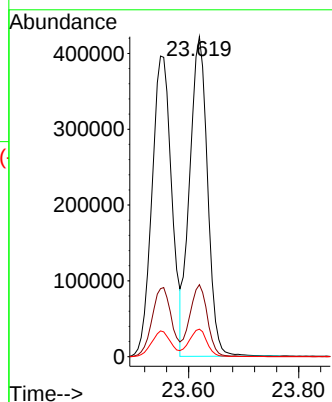
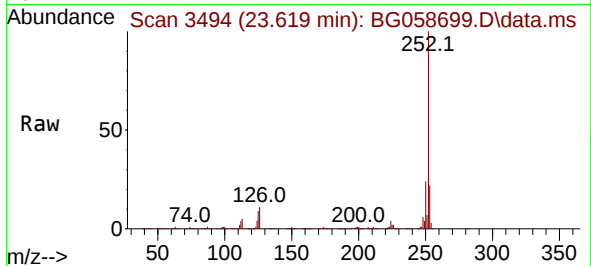




#89
Benzo(k)fluoranthene
Concen: 47.988 ng
RT: 23.619 min Scan# 3493
Delta R.T. 0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

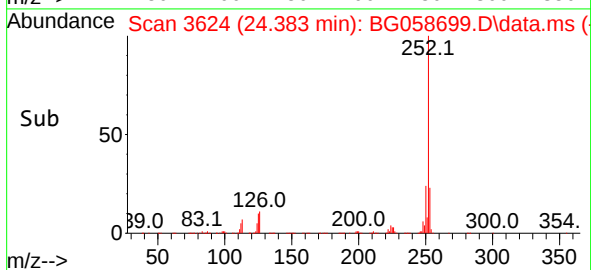
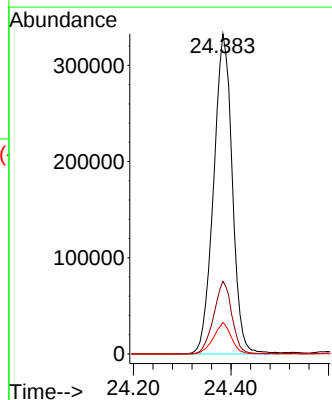
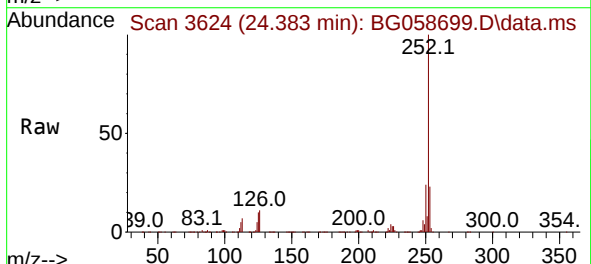
Instrument :
BNA_G
ClientSampleId :
PB154732BS

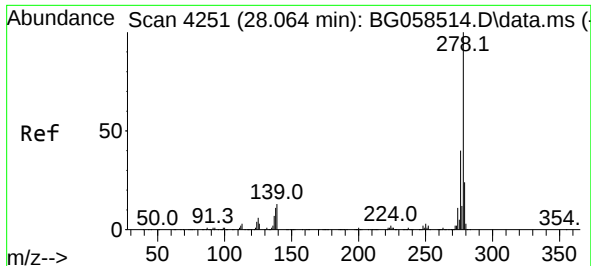
Tgt Ion:252 Resp: 951027
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.6 6.6 10.0



#90
Benzo(a)pyrene
Concen: 45.668 ng
RT: 24.383 min Scan# 3624
Delta R.T. 0.009 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:252 Resp: 884755
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 9.8 7.4 11.2

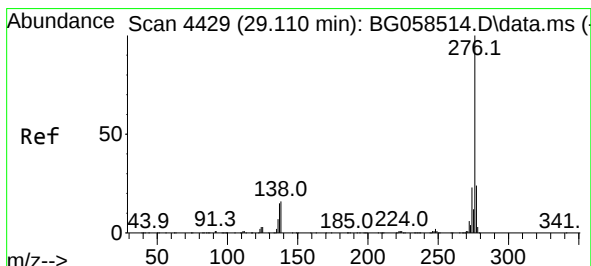
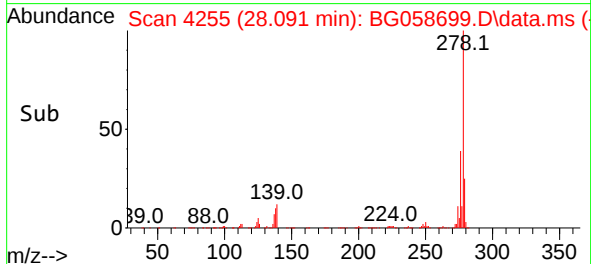
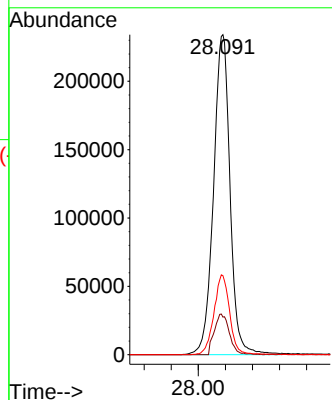
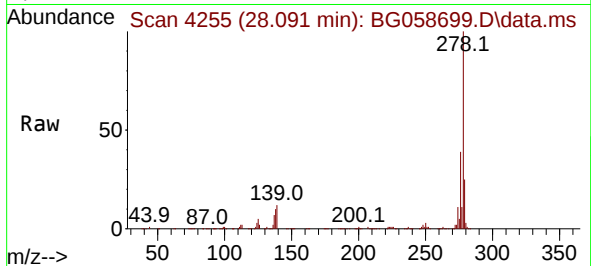




#91
Dibenzo(a,h)anthracene
Concen: 49.532 ng
RT: 28.091 min Scan# 41
Delta R.T. 0.027 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Instrument :
BNA_G
ClientSampleId :
PB154732BS

Tgt Ion:278 Resp: 991007
Ion Ratio Lower Upper
278 100
139 11.8 10.4 15.6
279 24.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.983 ng
RT: 29.137 min Scan# 4433
Delta R.T. 0.027 min
Lab File: BG058699.D
Acq: 11 Aug 2023 11:46

Tgt Ion:276 Resp: 962664
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 17.0 13.0 19.4

