

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
 Data File : BG054698.D
 Acq On : 23 Aug 2022 2:35
 Operator : CG/JU
 Sample : PB147159BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147159BS

Quant Time: Aug 23 05:24:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	57278	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	240756	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	153559	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	329787	20.000	ng	0.00
76) Chrysene-d12	21.827	240	299177	20.000	ng	0.00
86) Perylene-d12	25.194	264	320415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	462566	152.182	ng	0.00
7) Phenol-d6	7.303	99	603523	141.704	ng	0.00
23) Nitrobenzene-d5	9.330	82	348973	82.605	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	201704	164.018	ng	0.00
45) 2-Fluorobiphenyl	13.414	172	803529	77.167	ng	0.00
79) Terphenyl-d14	20.135	244	1288716	85.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.543	88	52233	33.423	ng	98
3) Pyridine	3.948	79	145677	33.295	ng	97
4) n-Nitrosodimethylamine	3.866	42	85835	44.783	ng	97
6) Aniline	7.479	93	236920	44.588	ng	98
8) 2-Chlorophenol	7.720	128	173696	53.653	ng	99
9) Benzaldehyde	7.291	77	96588	32.802	ng	98
10) Phenol	7.332	94	222535	50.443	ng	98
11) bis(2-Chloroethyl)ether	7.567	93	172620	45.778	ng	99
12) 1,3-Dichlorobenzene	8.049	146	187939	45.224	ng	99
13) 1,4-Dichlorobenzene	8.196	146	191144	45.643	ng	99
14) 1,2-Dichlorobenzene	8.513	146	184903	46.817	ng	98
15) Benzyl Alcohol	8.396	79	157426	53.040	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.684	45	274504	46.919	ng	99
17) 2-Methylphenol	8.590	107	153104	51.475	ng	99
18) Hexachloroethane	9.254	117	66750	48.263	ng	99
19) n-Nitroso-di-n-propyla...	8.966	70	138722	46.294	ng	97
20) 3+4-Methylphenols	8.919	107	203490	51.249	ng	96
22) Acetophenone	8.989	105	265890	43.851	ng	# 100
24) Nitrobenzene	9.377	77	191941	44.192	ng	99
25) Isophorone	9.894	82	377660	46.904	ng	100
26) 2-Nitrophenol	10.088	139	70839	52.420	ng	97
27) 2,4-Dimethylphenol	10.135	122	169746	57.794	ng	98
28) bis(2-Chloroethoxy)met...	10.376	93	233693	49.132	ng	100
29) 2,4-Dichlorophenol	10.623	162	162864	51.680	ng	100
30) 1,2,4-Trichlorobenzene	10.840	180	175167	41.712	ng	98
31) Naphthalene	11.034	128	538990	41.598	ng	99
32) Benzoic acid	10.270	122	86970	52.780	ng	95
33) 4-Chloroaniline	11.134	127	141875	27.741	ng	98
34) Hexachlorobutadiene	11.310	225	110145	41.546	ng	97
35) Caprolactam	11.909	113	30418	30.914	ng	96
36) 4-Chloro-3-methylphenol	12.238	107	172191	51.419	ng	99
37) 2-Methylnaphthalene	12.626	142	374558	42.078	ng	99
38) 1-Methylnaphthalene	12.844	142	361199	41.959	ng	99
40) 1,2,4,5-Tetrachloroben...	12.991	216	197534	41.666	ng	98
41) Hexachlorocyclopentadiene	12.967	237	242803	123.213	ng	99
43) 2,4,6-Trichlorophenol	13.220	196	129850	52.134	ng	98

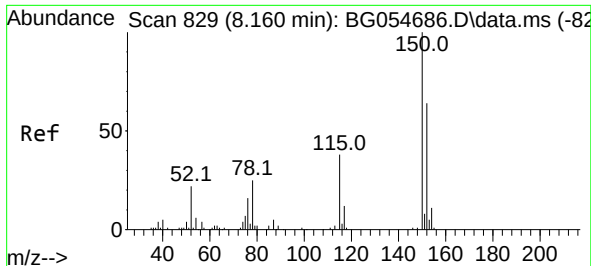
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.296	196	140871	49.973	ng	99
46) 1,1'-Biphenyl	13.625	154	500280	43.056	ng	99
47) 2-Chloronaphthalene	13.672	162	369287	41.663	ng	98
48) 2-Nitroaniline	13.872	65	105274	48.067	ng	99
49) Acenaphthylene	14.512	152	609246	42.288	ng	100
50) Dimethylphthalate	14.236	163	480987	46.516	ng	98
51) 2,6-Dinitrotoluene	14.360	165	95028	50.530	ng	97
52) Acenaphthene	14.853	154	404620	45.808	ng	98
53) 3-Nitroaniline	14.689	138	82651	38.111	ng	98
54) 2,4-Dinitrophenol	14.888	184	82040	122.312	ng	95
55) Dibenzofuran	15.188	168	558983	41.759	ng	100
56) 4-Nitrophenol	14.982	139	177864	110.341	ng	100
57) 2,4-Dinitrotoluene	15.141	165	131165	46.783	ng	96
58) Fluorene	15.834	166	465029	42.023	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.405	232	121158	51.624	ng	95
60) Diethylphthalate	15.593	149	479169	47.507	ng	98
61) 4-Chlorophenyl-phenyle...	15.823	204	239035	43.621	ng	99
62) 4-Nitroaniline	15.852	138	110103	46.588	ng	99
63) Azobenzene	16.116	77	470378	41.990	ng	99
65) 4,6-Dinitro-2-methylph...	15.899	198	53546	53.153	ng	98
66) n-Nitrosodiphenylamine	16.034	169	419670	44.781	ng	99
67) 4-Bromophenyl-phenylether	16.716	248	141882	44.693	ng	98
68) Hexachlorobenzene	16.833	284	175898	43.913	ng	100
69) Atrazine	16.980	200	151388	54.512	ng	99
70) Pentachlorophenol	17.174	266	205378	91.164	ng	98
71) Phenanthrene	17.579	178	748474	42.579	ng	99
72) Anthracene	17.667	178	758843	44.549	ng	100
73) Carbazole	17.932	167	703527	46.423	ng	99
74) Di-n-butylphthalate	18.484	149	833355	51.545	ng	100
75) Fluoranthene	19.577	202	916714	44.234	ng	100
77) Benzidine	19.753	184	457787	70.474	ng	98
78) Pyrene	19.941	202	917400	43.472	ng	98
80) Butylbenzylphthalate	20.823	149	341263	49.061	ng	96
81) Benzo(a)anthracene	21.810	228	880543	43.336	ng	100
82) 3,3'-Dichlorobenzidine	21.716	252	251806	41.011	ng	98
83) Chrysene	21.874	228	823009	42.562	ng	99
84) Bis(2-ethylhexyl)phtha...	21.698	149	512381	48.549	ng	100
85) Di-n-octyl phthalate	22.967	149	838276	53.502	ng	98
87) Indeno(1,2,3-cd)pyrene	29.072	276	1039493	43.475	ng	100
88) Benzo(b)fluoranthene	24.125	252	943856	47.440	ng	98
89) Benzo(k)fluoranthene	24.195	252	893683	43.528	ng	99
90) Benzo(a)pyrene	25.041	252	822720	48.178	ng	98
91) Dibenzo(a,h)anthracene	29.148	278	893998	45.514	ng	98
92) Benzo(g,h,i)perylene	30.294	276	876245	45.632	ng	100

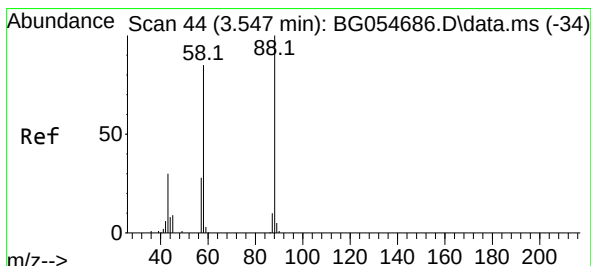
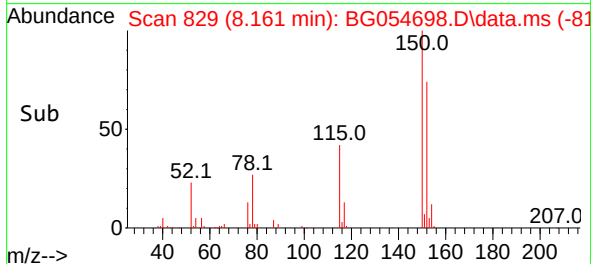
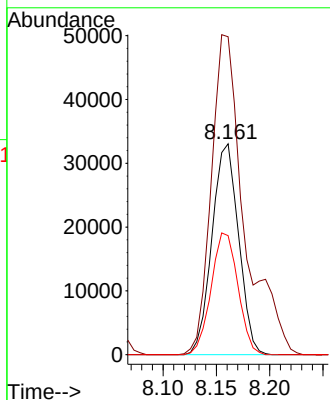
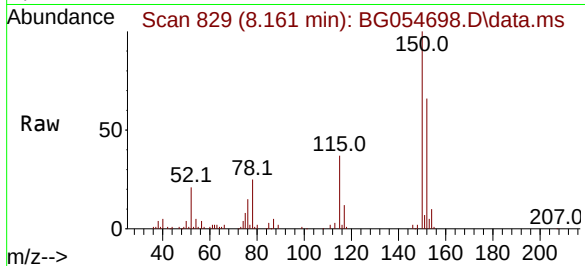
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.161 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG054698.D
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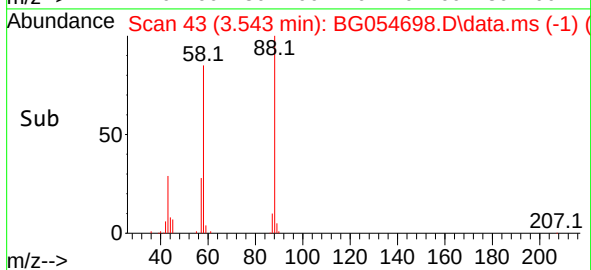
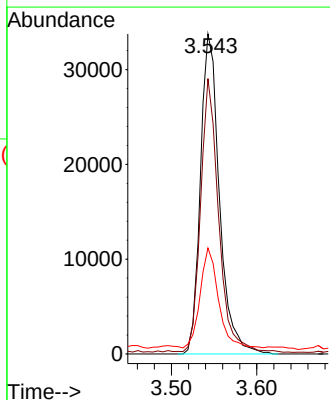
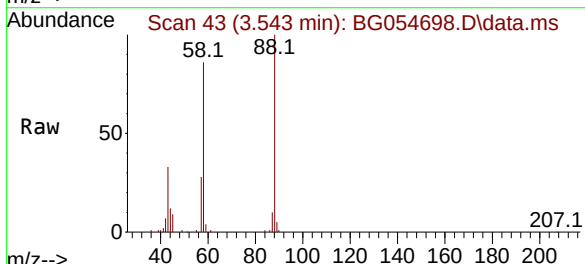
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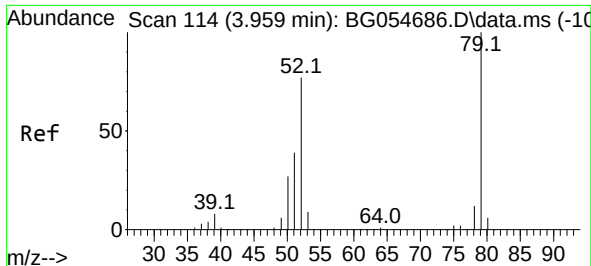
Tgt Ion:152 Resp: 57278
 Ion Ratio Lower Upper
 152 100
 150 150.8 125.2 187.8
 115 56.5 47.9 71.9



#2
 1,4-Dioxane
 Concen: 33.423 ng
 RT: 3.543 min Scan# 43
 Delta R.T. -0.005 min
 Lab File: BG054698.D
 Acq: 23 Aug 2022 2:35

Tgt Ion: 88 Resp: 52233
 Ion Ratio Lower Upper
 88 100
 58 81.3 65.9 98.9
 43 29.9 22.7 34.1

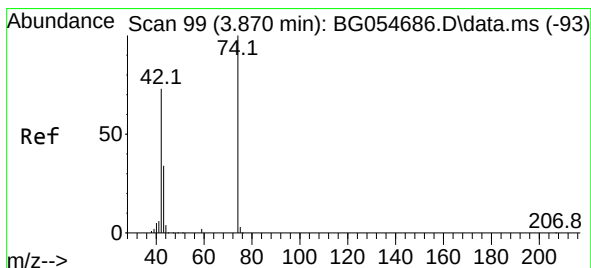
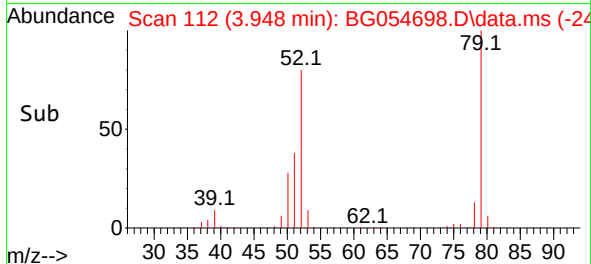
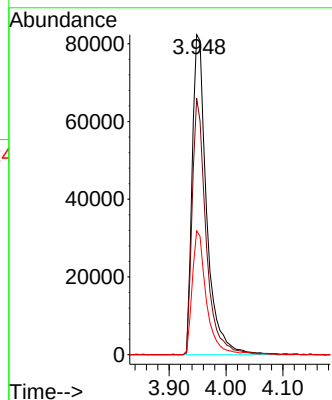
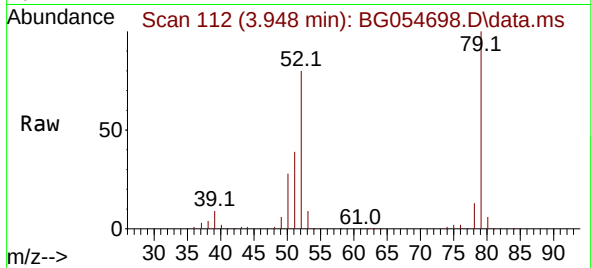




#3
Pyridine
Concen: 33.295 ng
RT: 3.948 min Scan# 114
Delta R.T. -0.010 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

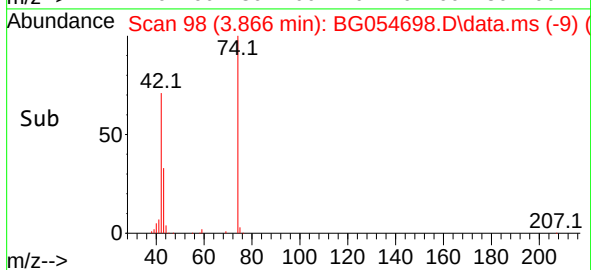
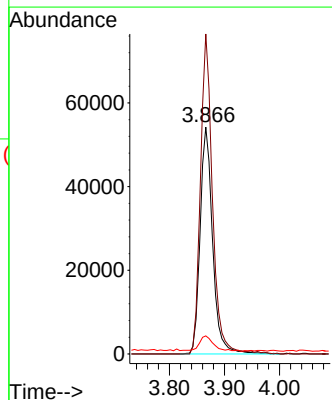
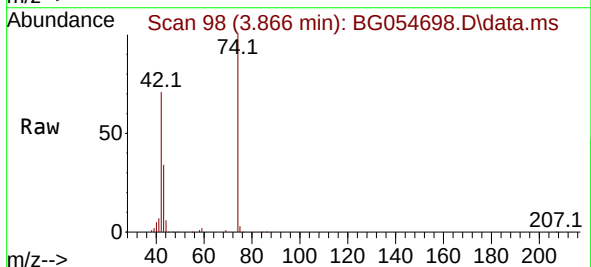
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ClientSampleId :
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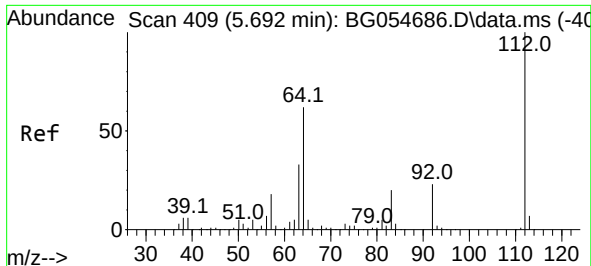
Tgt Ion: 79 Resp: 145677
Ion Ratio Lower Upper
79 100
52 80.1 61.4 92.0
51 38.7 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 44.783 ng
RT: 3.866 min Scan# 98
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 42 Resp: 85835
Ion Ratio Lower Upper
42 100
74 141.0 109.6 164.4
44 8.0 5.5 8.3

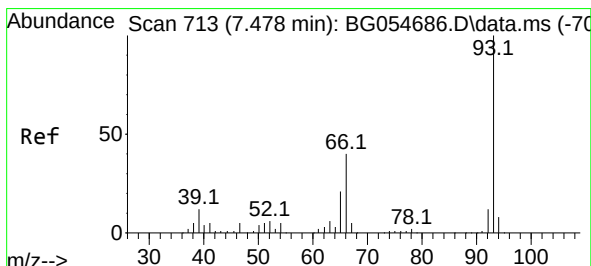
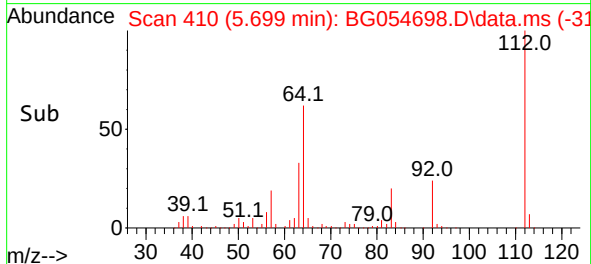
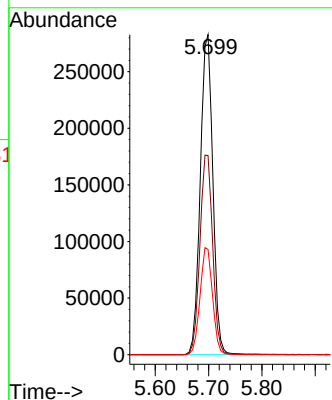
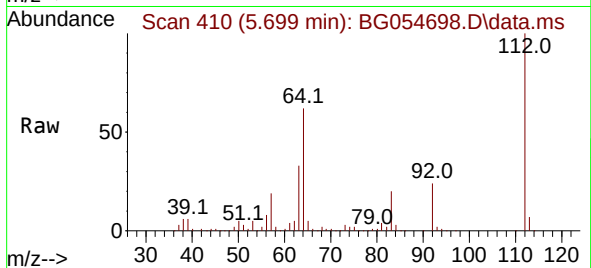




#5
2-Fluorophenol
Concen: 152.182 ng
RT: 5.699 min Scan# 410
Delta R.T. 0.007 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

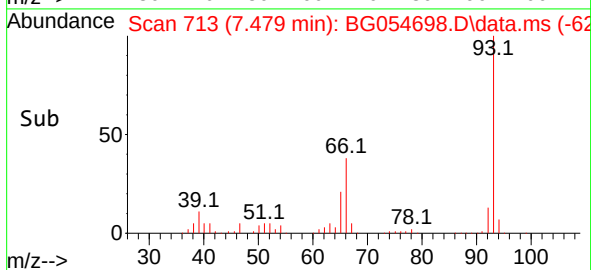
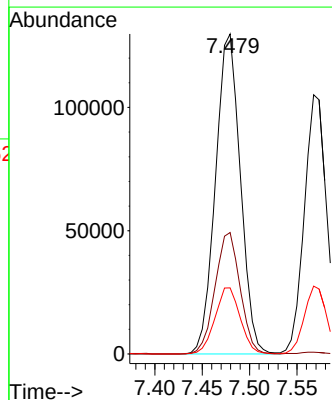
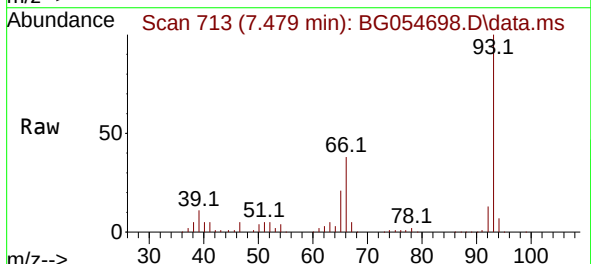
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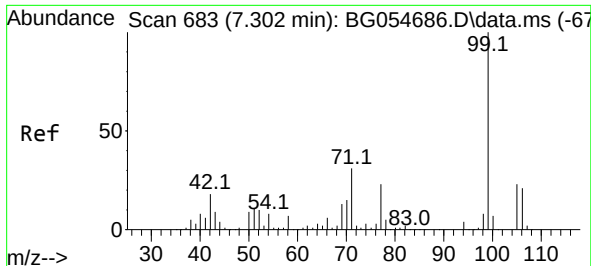
Tgt Ion:112 Resp: 462566
Ion Ratio Lower Upper
112 100
64 62.3 49.3 73.9
63 32.9 26.3 39.5



#6
Aniline
Concen: 44.588 ng
RT: 7.479 min Scan# 713
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 93 Resp: 236920
Ion Ratio Lower Upper
93 100
66 38.0 31.8 47.8
65 20.7 16.6 25.0

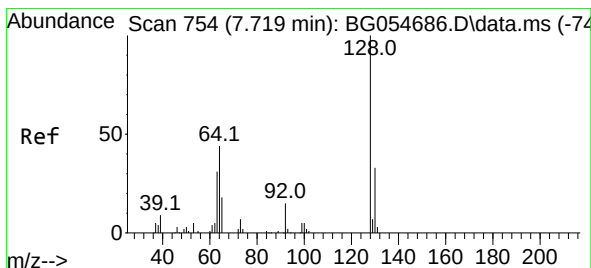
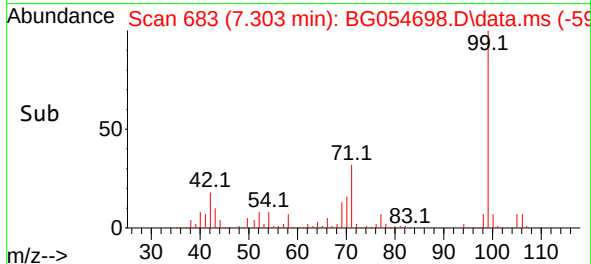
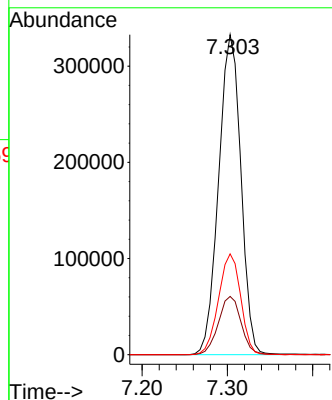
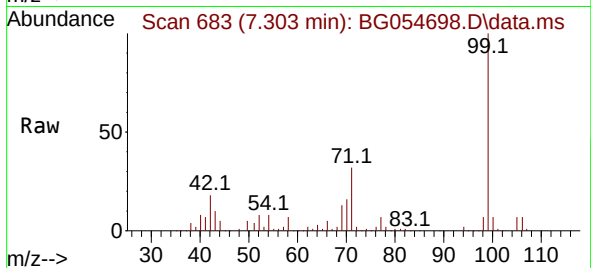




#7
Phenol-d6
Concen: 141.704 ng
RT: 7.303 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

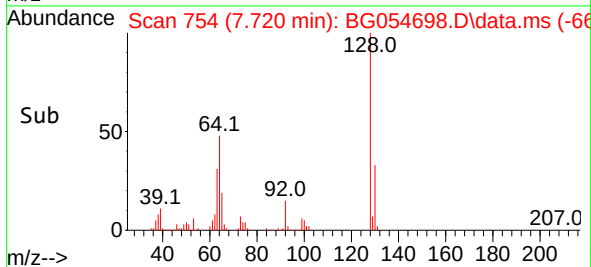
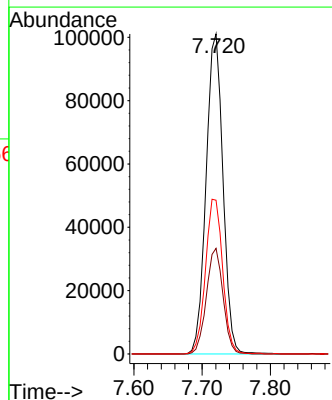
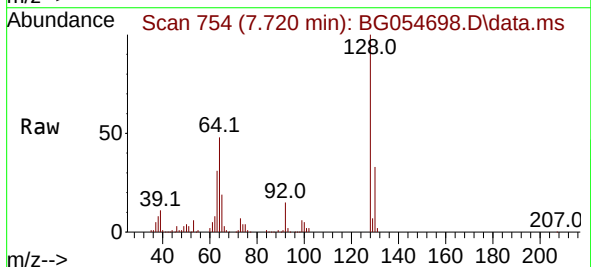
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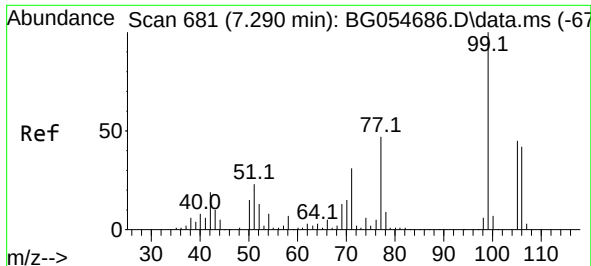
Tgt Ion: 99 Resp: 603523
Ion Ratio Lower Upper
99 100
42 18.2 14.6 22.0
71 31.5 24.6 37.0



#8
2-Chlorophenol
Concen: 53.653 ng
RT: 7.720 min Scan# 754
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 128 Resp: 173696
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 48.1 28.6 68.6

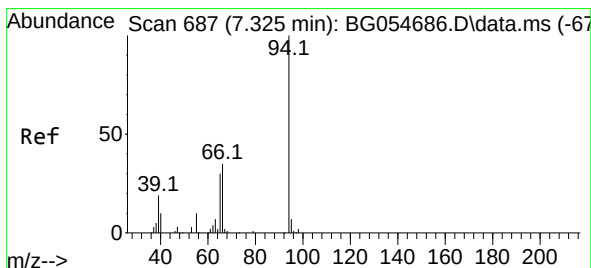
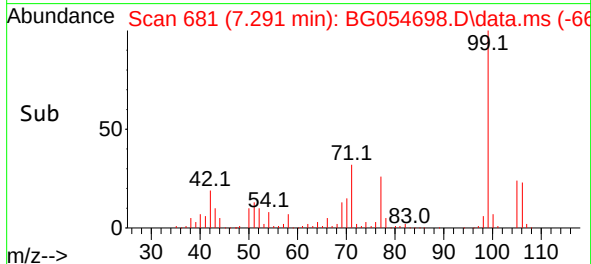
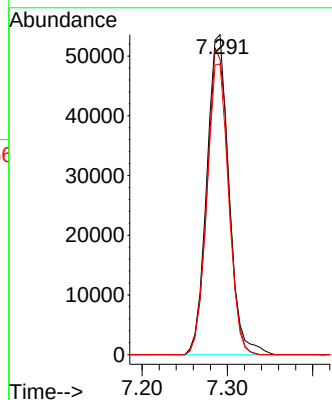
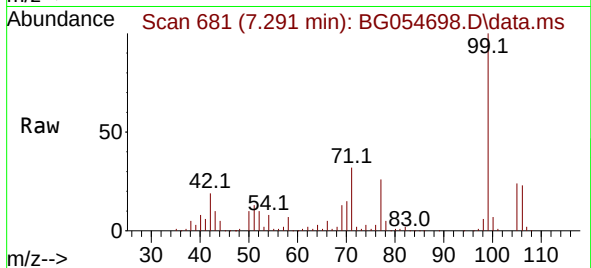




#9
Benzaldehyde
Concen: 32.802 ng
RT: 7.291 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

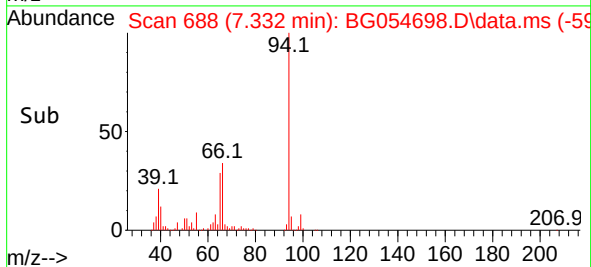
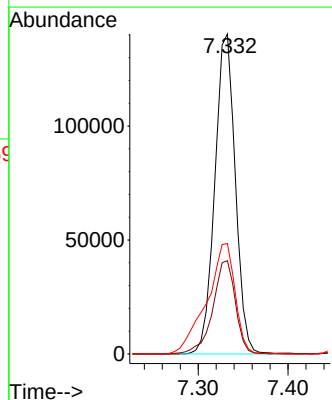
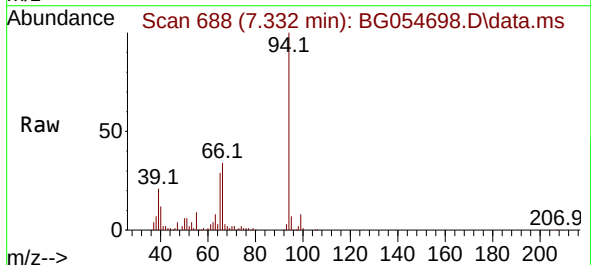
Instrument :
BNA_G
ClientSampleId :
PB147159BS

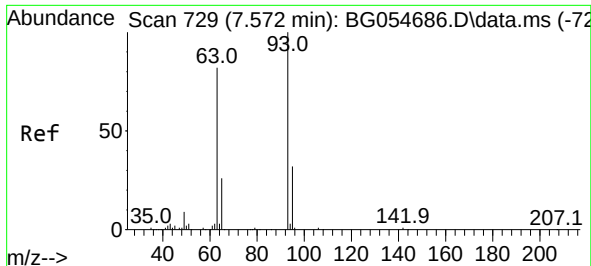
Tgt Ion: 77 Resp: 96588
Ion Ratio Lower Upper
77 100
105 92.3 75.3 115.3
106 90.9 70.2 110.2



#10
Phenol
Concen: 50.443 ng
RT: 7.332 min Scan# 688
Delta R.T. 0.007 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 94 Resp: 222535
Ion Ratio Lower Upper
94 100
65 29.1 9.9 49.9
66 34.5 16.4 56.4

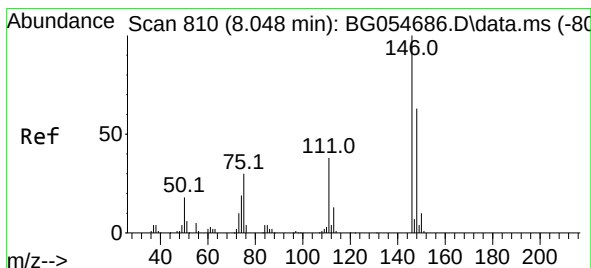
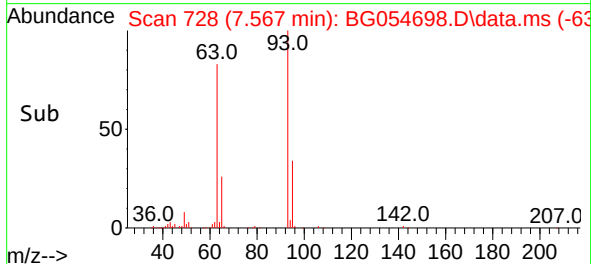
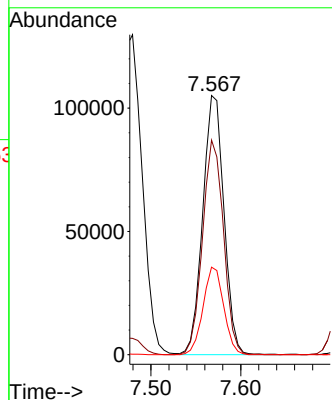
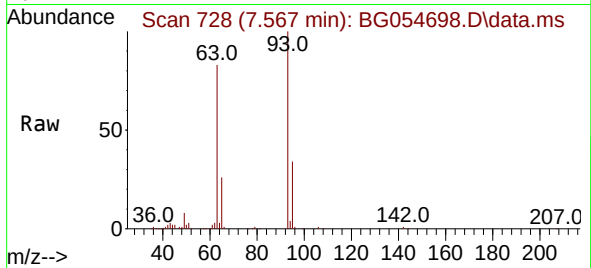




#11
bis(2-Chloroethyl)ether
Concen: 45.778 ng
RT: 7.567 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

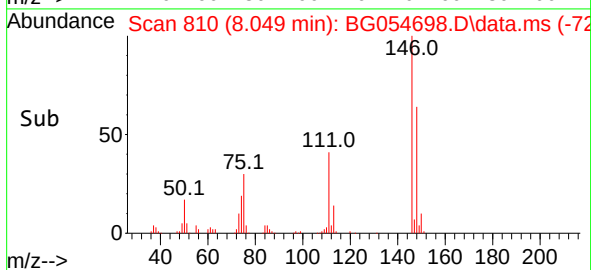
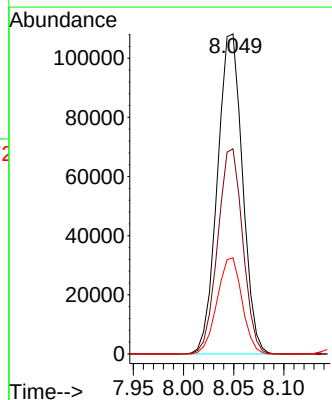
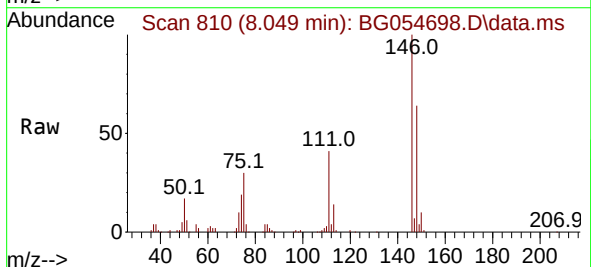
Instrument :
BNA_G
ClientSampleId :
PB147159BS

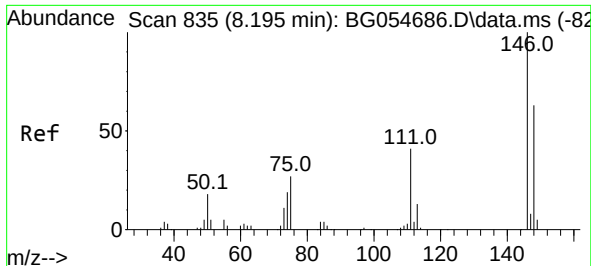
Tgt Ion: 93 Resp: 172620
Ion Ratio Lower Upper
93 100
63 82.7 62.1 102.1
95 33.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.224 ng
RT: 8.049 min Scan# 810
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 146 Resp: 187939
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
75 30.0 24.3 36.5

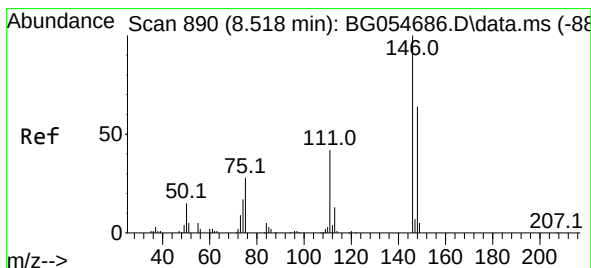
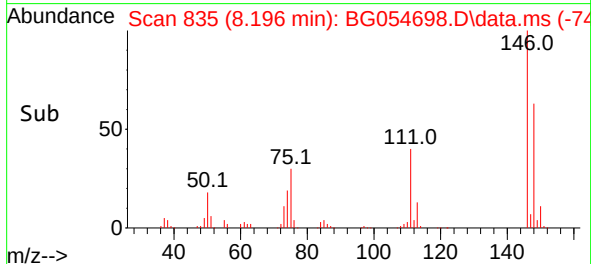
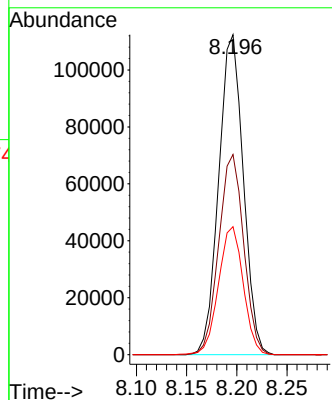
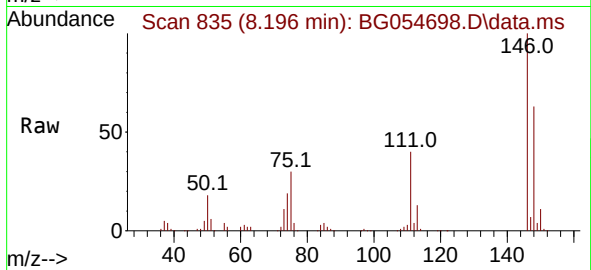




#13
1,4-Dichlorobenzene
Concen: 45.643 ng
RT: 8.196 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

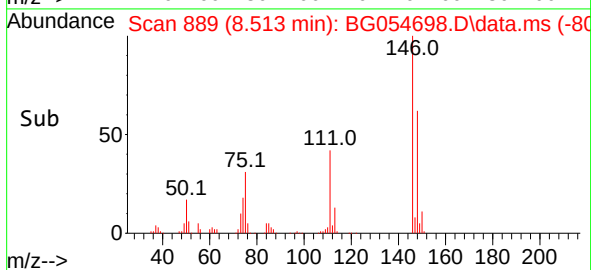
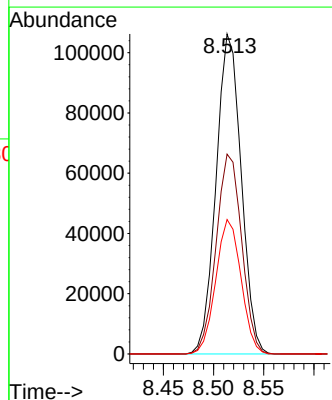
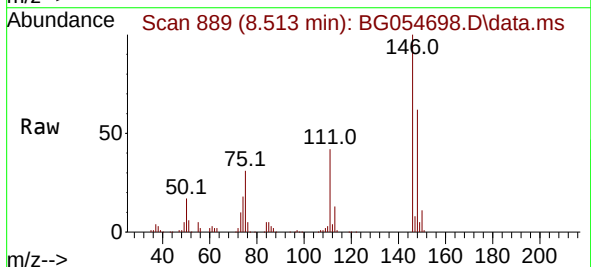
Instrument :
BNA_G
ClientSampleId :
PB147159BS

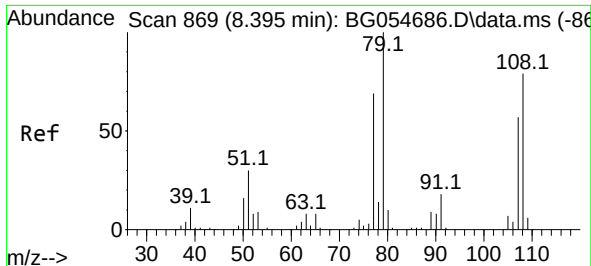
Tgt Ion:146 Resp: 191144
Ion Ratio Lower Upper
146 100
148 62.6 50.4 75.6
111 40.0 33.0 49.4



#14
1,2-Dichlorobenzene
Concen: 46.817 ng
RT: 8.513 min Scan# 889
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:146 Resp: 184903
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 42.0 34.3 51.5

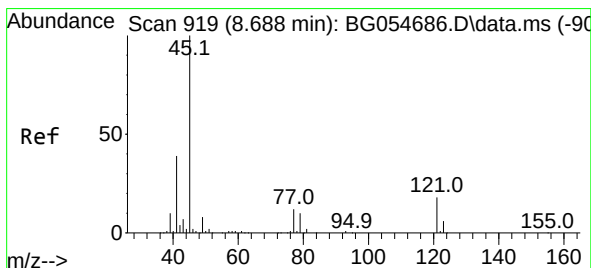
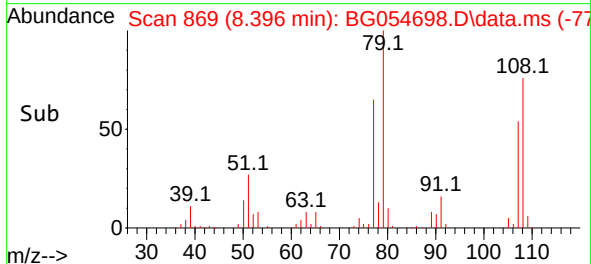
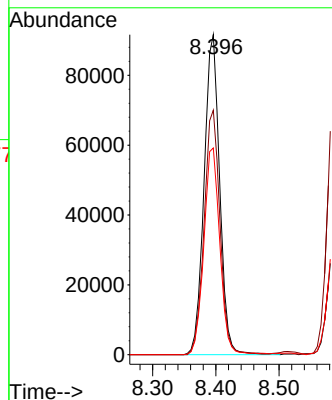
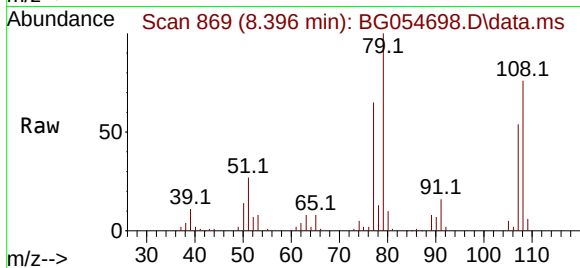




#15
Benzyl Alcohol
Concen: 53.040 ng
RT: 8.396 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

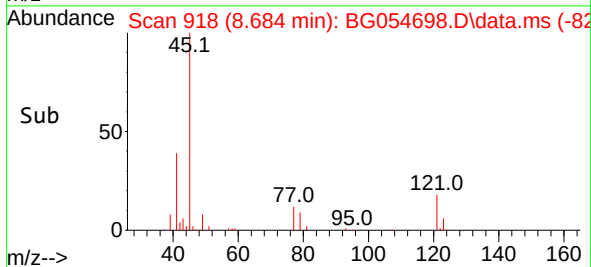
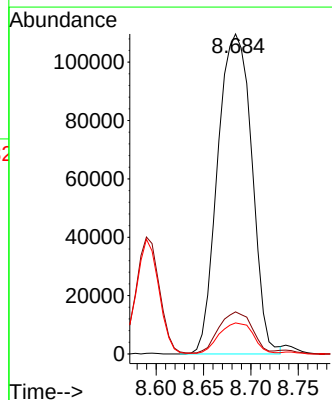
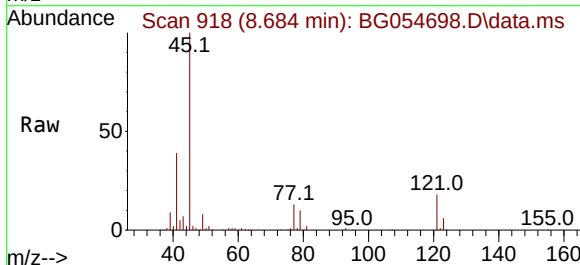
Instrument :
BNA_G
ClientSampleId :
PB147159BS

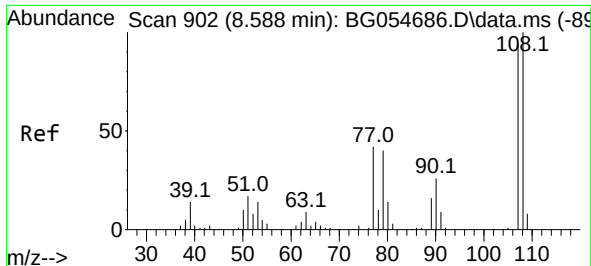
Tgt Ion: 79 Resp: 157426
Ion Ratio Lower Upper
79 100
108 76.4 63.4 95.0
77 64.6 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.919 ng
RT: 8.684 min Scan# 918
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 45 Resp: 274504
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.8
79 9.7 0.0 30.4

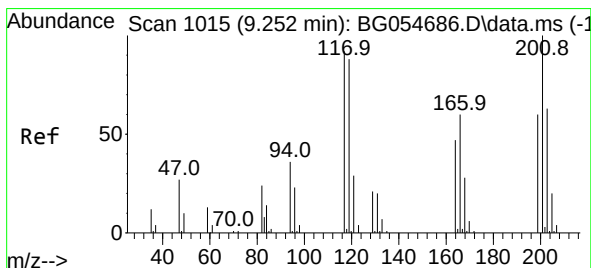
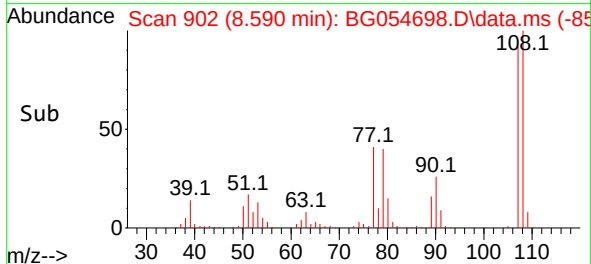
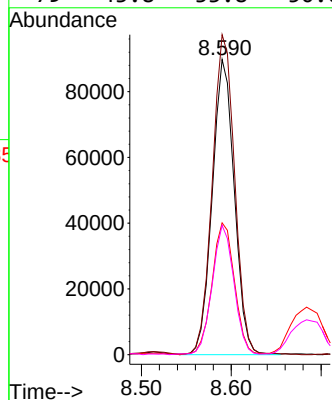
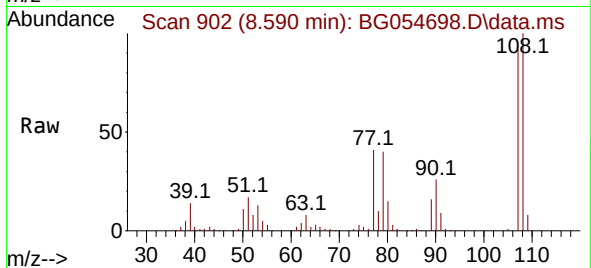




#17
2-Methylphenol
Concen: 51.475 ng
RT: 8.590 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

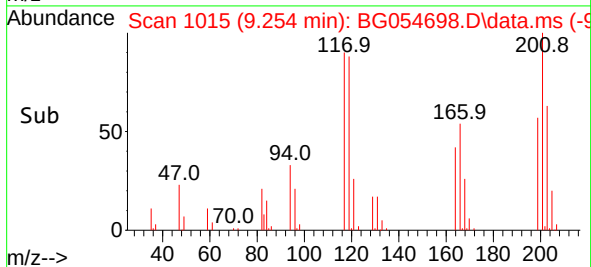
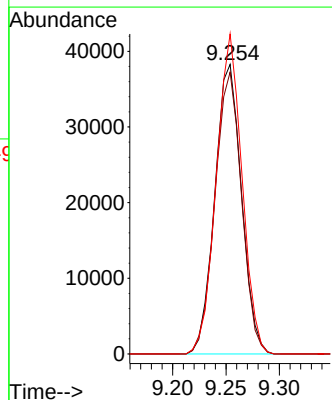
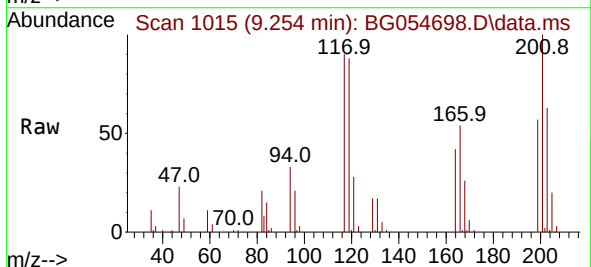
Instrument :
BNA_G
ClientSampleId :
PB147159BS

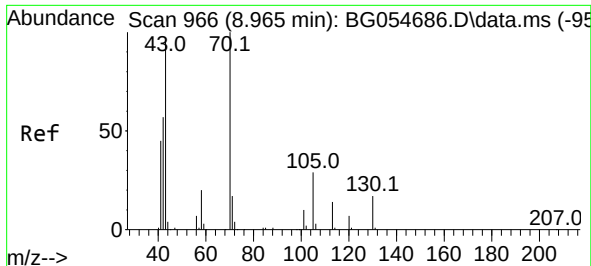
Tgt Ion:	107	Resp:	153104
Ion	Ratio	Lower	Upper
107	100		
108	108.4	85.6	128.4
77	44.6	35.8	53.8
79	43.8	33.8	50.6



#18
Hexachloroethane
Concen: 48.263 ng
RT: 9.254 min Scan# 1015
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:	117	Resp:	66750
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.0	115.6
201	110.5	87.2	130.8



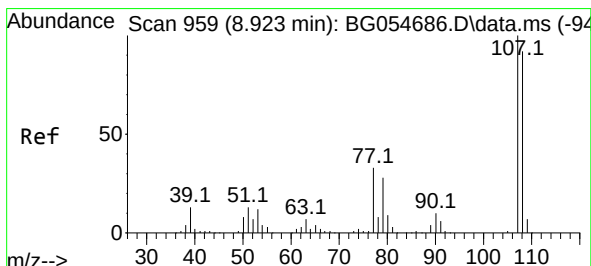
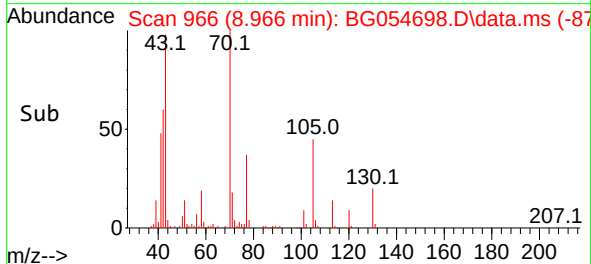
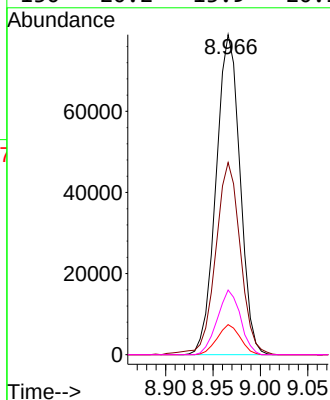
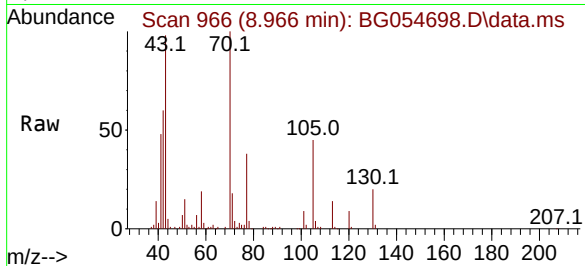


#19
n-Nitroso-di-n-propylamine
Concen: 46.294 ng
RT: 8.966 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Instrument :
BNA_G
ClientSampleId :
PB147159BS

Tgt Ion: 70 Resp: 138722

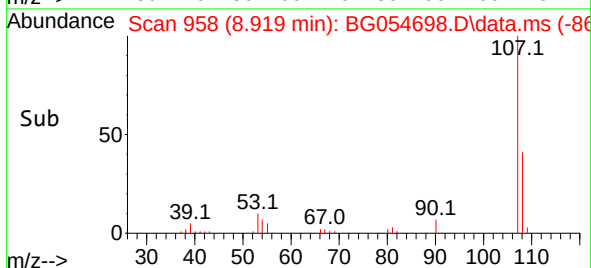
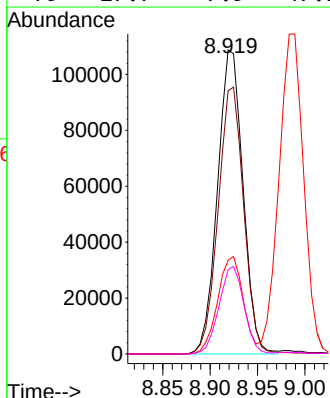
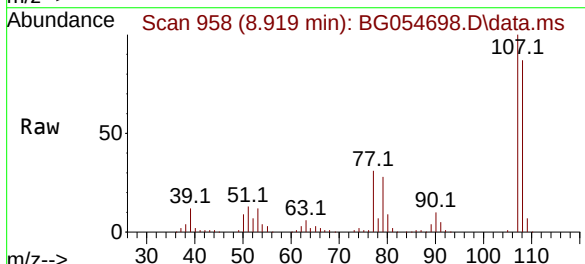
Ion	Ratio	Lower	Upper
70	100		
42	60.1	46.6	69.8
101	9.4	7.7	11.5
130	20.2	13.9	20.9

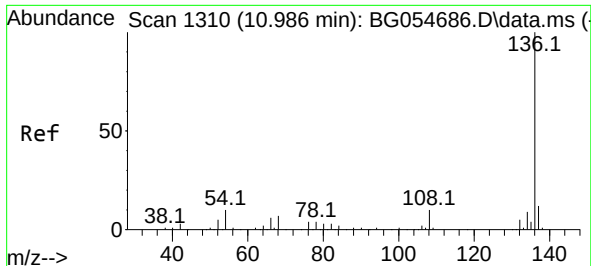


#20
3+4-Methylphenols
Concen: 51.249 ng
RT: 8.919 min Scan# 958
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 107 Resp: 203490

Ion	Ratio	Lower	Upper
107	100		
108	86.6	71.6	111.6
77	30.8	13.1	53.1
79	27.7	7.9	47.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

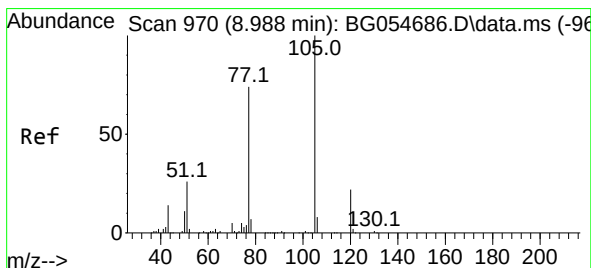
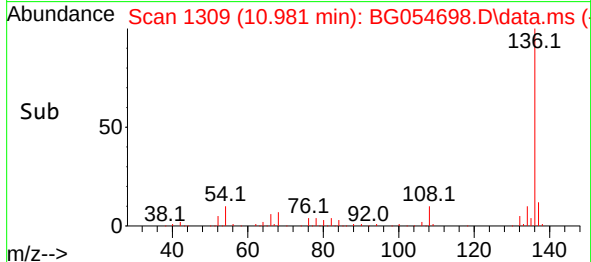
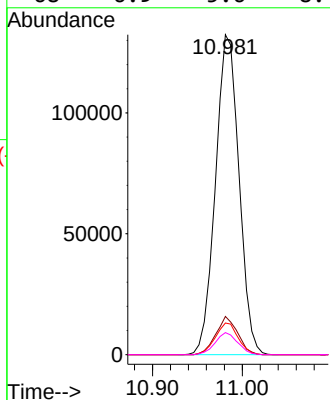
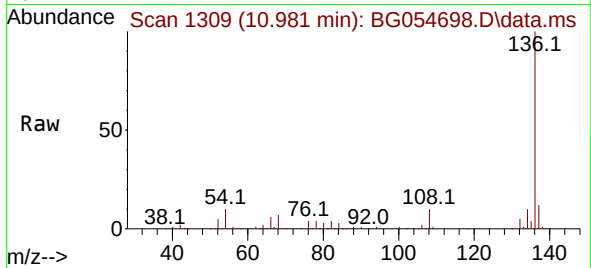
Instrument :

BNA_G

ClientSampleId :

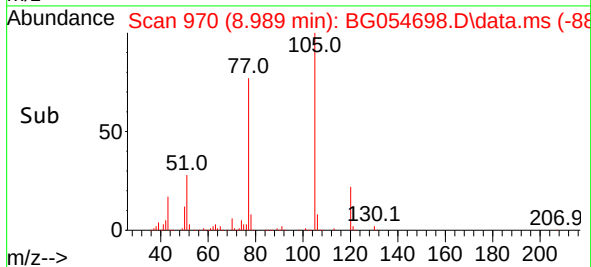
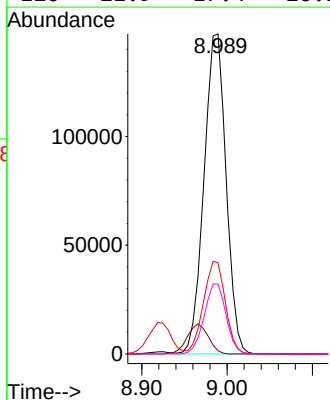
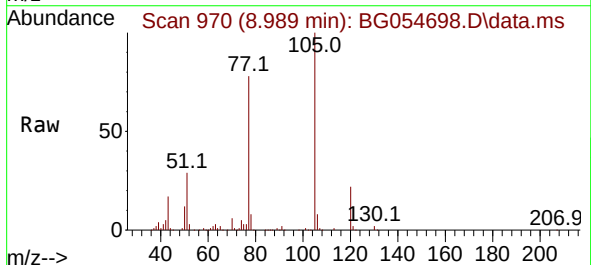
PB147159BS

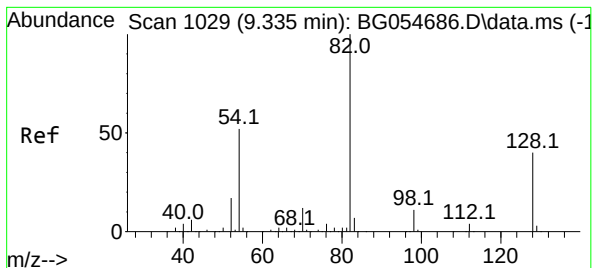
Tgt Ion:136 Resp: 240756
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 9.9 7.7 11.5
68 6.9 5.6 8.4



#22
Acetophenone
Concen: 43.851 ng
RT: 8.989 min Scan# 970
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:105 Resp: 265890
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 28.5 22.9 34.3
120 21.9 17.4 26.2





#23

Nitrobenzene-d5

Concen: 82.605 ng

RT: 9.330 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

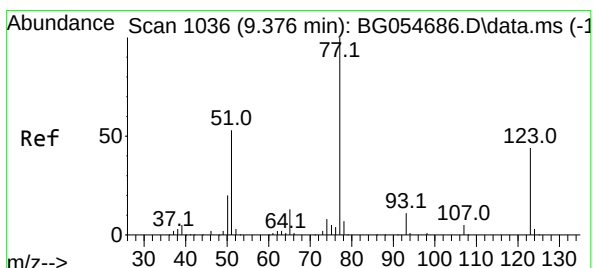
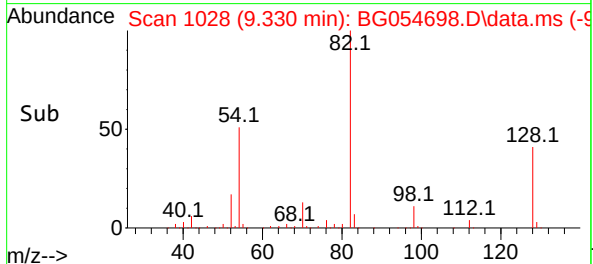
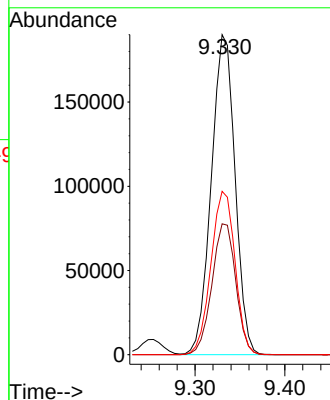
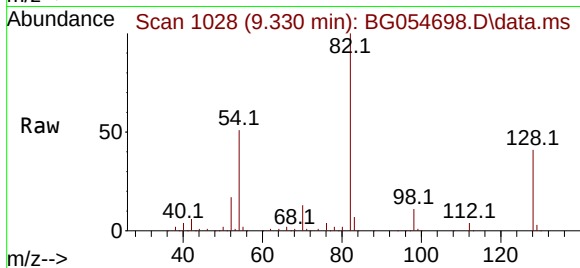
Tgt Ion: 82 Resp: 348973

Ion Ratio Lower Upper

82 100

128 40.9 32.2 48.2

54 51.0 41.4 62.0



#24

Nitrobenzene

Concen: 44.192 ng

RT: 9.377 min Scan# 1036

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

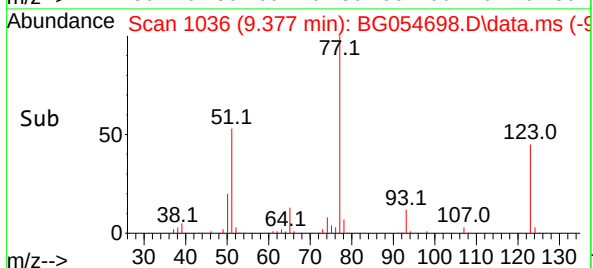
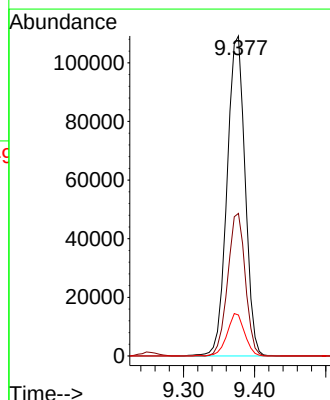
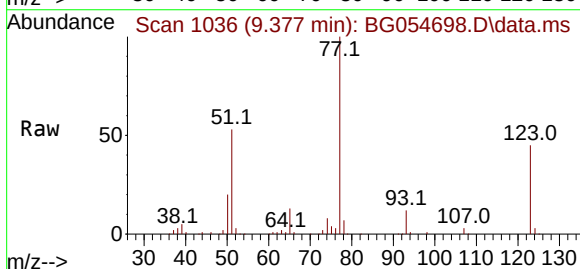
Tgt Ion: 77 Resp: 191941

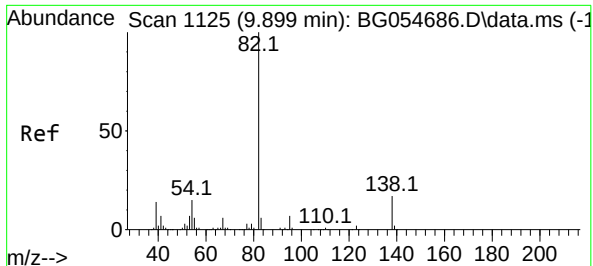
Ion Ratio Lower Upper

77 100

123 44.5 35.0 52.6

65 12.8 10.2 15.2

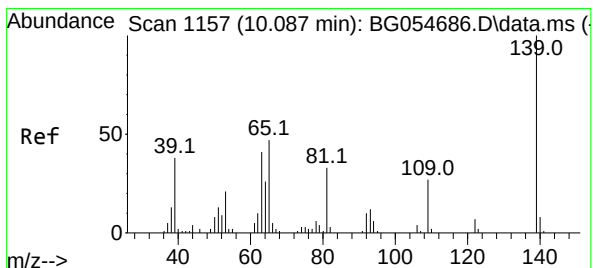
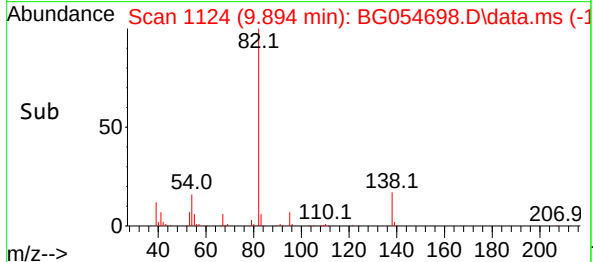
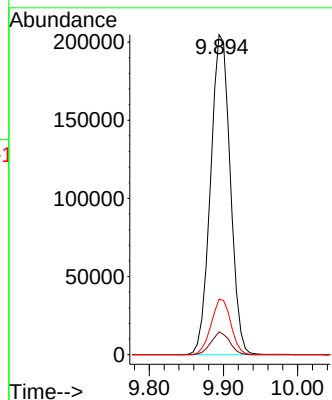
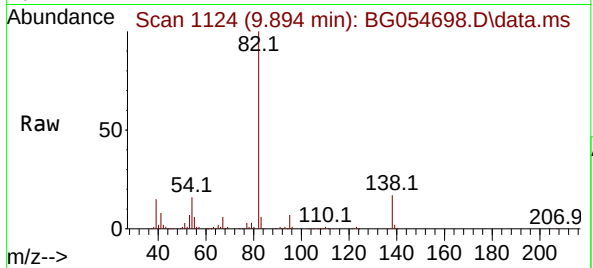




#25
Isophorone
Concen: 46.904 ng
RT: 9.894 min Scan# 1124
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

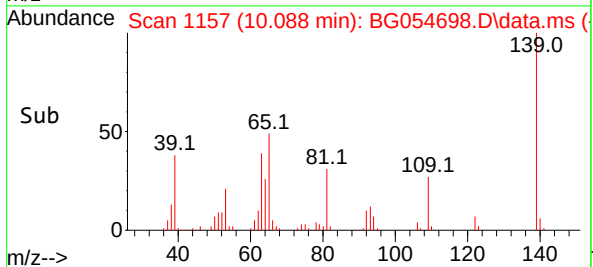
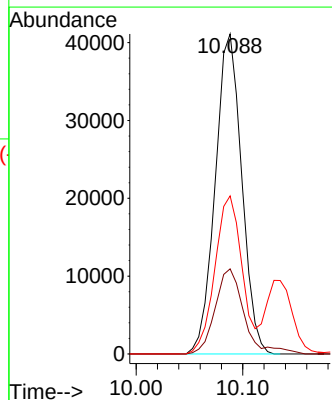
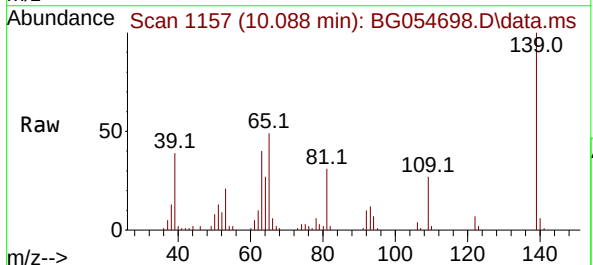
Instrument :
BNA_G
ClientSampleId :
PB147159BS

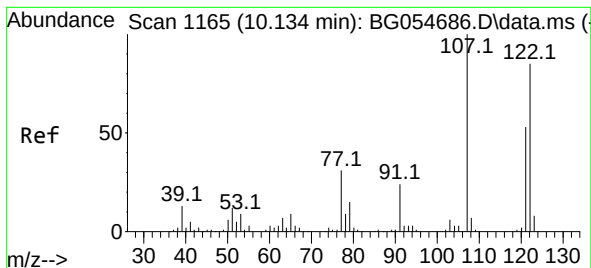
Tgt Ion: 82 Resp: 377660
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 52.420 ng
RT: 10.088 min Scan# 1157
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 139 Resp: 70839
Ion Ratio Lower Upper
139 100
109 26.6 21.8 32.6
65 49.4 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 57.794 ng

RT: 10.135 min Scan# 1165

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

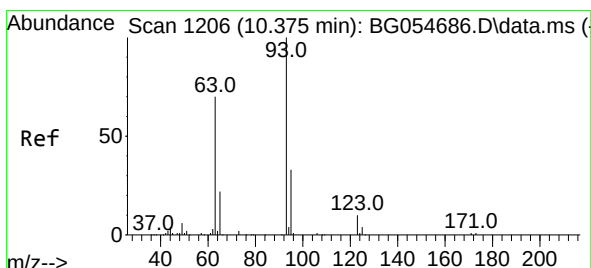
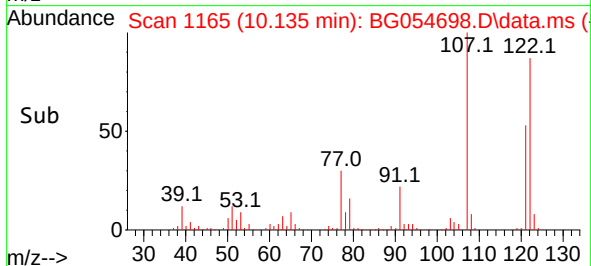
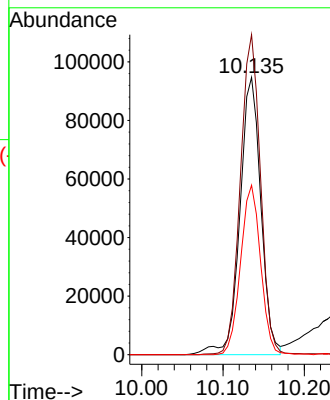
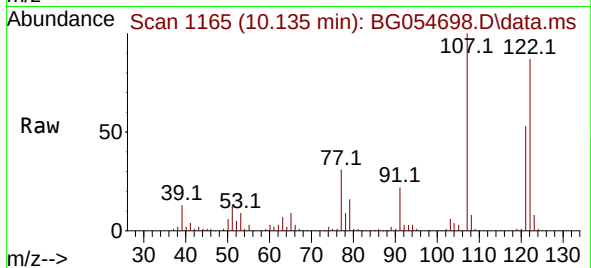
Tgt Ion:122 Resp: 169746

Ion Ratio Lower Upper

122 100

107 115.4 94.6 142.0

121 61.1 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 49.132 ng

RT: 10.376 min Scan# 1206

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

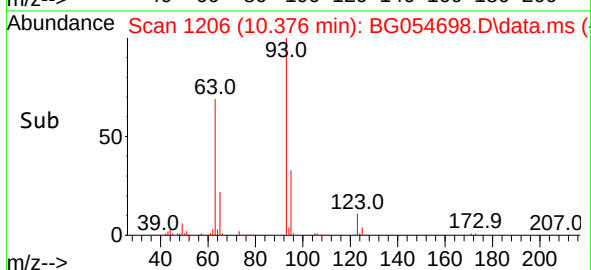
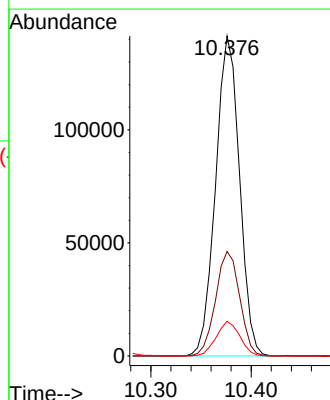
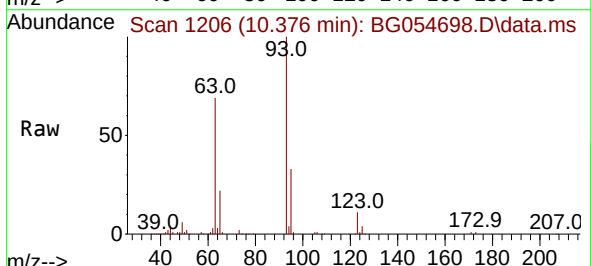
Tgt Ion: 93 Resp: 233693

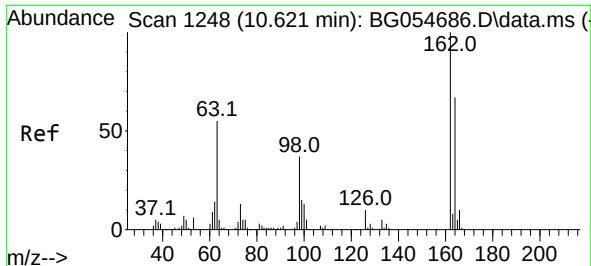
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 10.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 51.680 ng

RT: 10.623 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

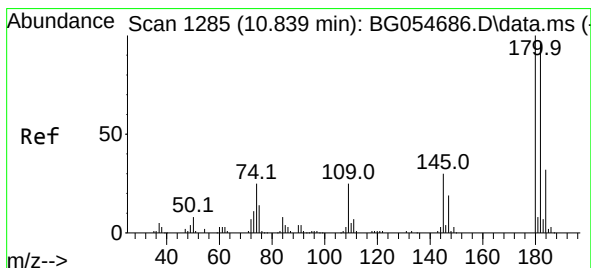
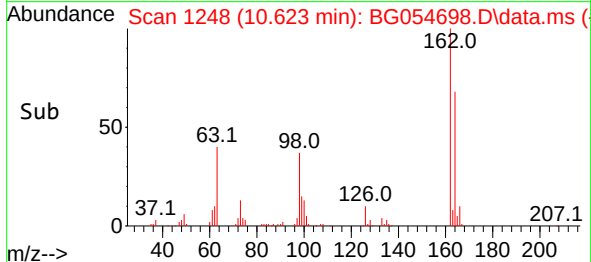
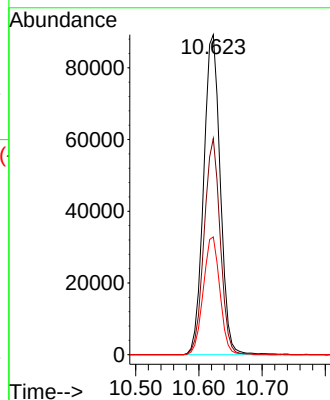
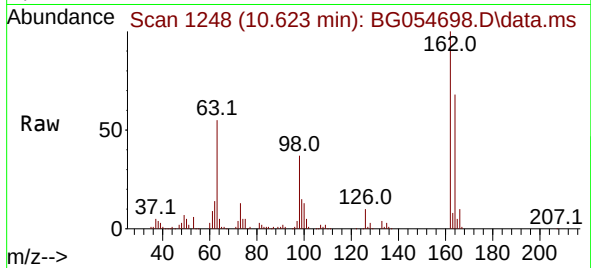
Tgt Ion:162 Resp: 162864

Ion Ratio Lower Upper

162 100

164 67.5 47.2 87.2

98 36.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 41.712 ng

RT: 10.840 min Scan# 1285

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

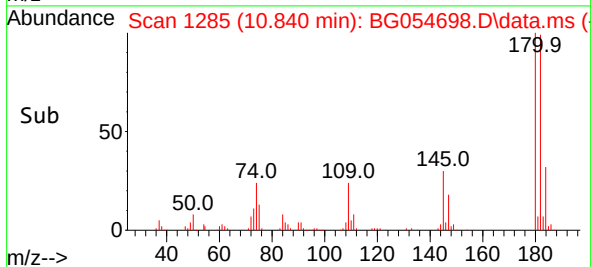
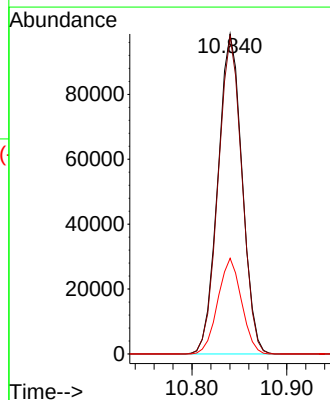
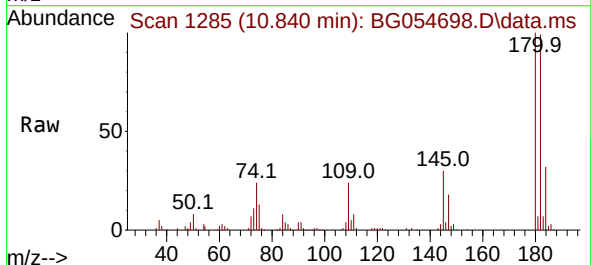
Tgt Ion:180 Resp: 175167

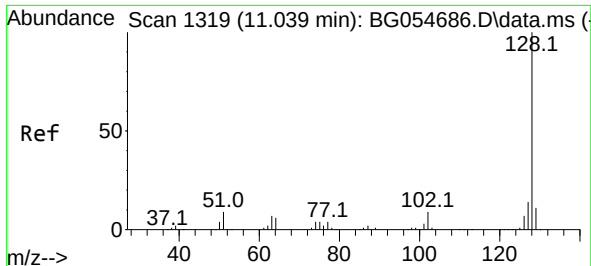
Ion Ratio Lower Upper

180 100

182 99.3 77.0 115.6

145 29.9 24.0 36.0

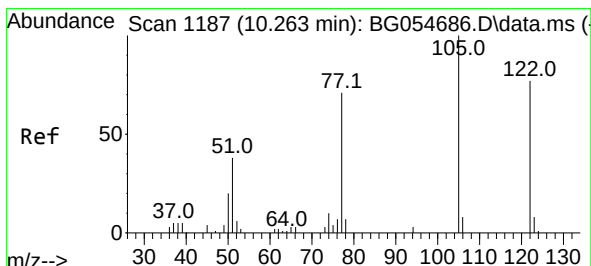
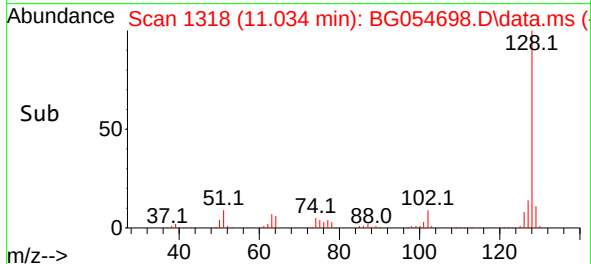
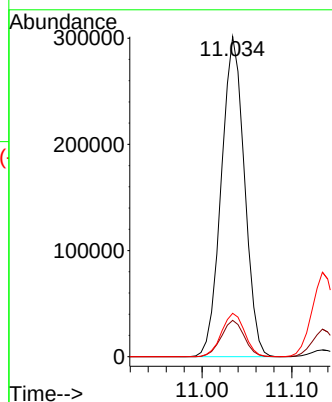
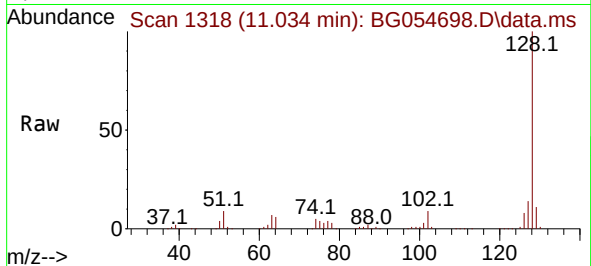




#31
Naphthalene
Concen: 41.598 ng
RT: 11.034 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

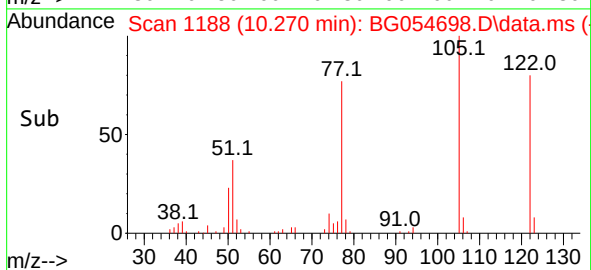
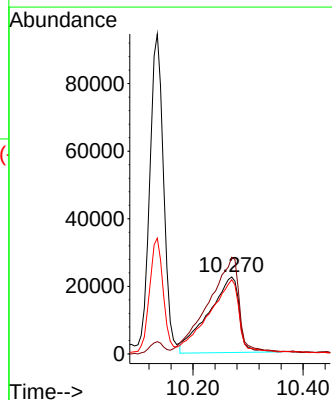
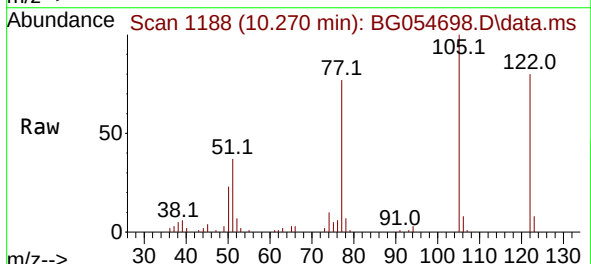
Instrument :
BNA_G
ClientSampleId :
PB147159BS

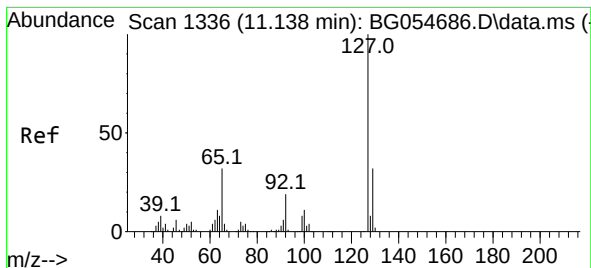
Tgt Ion:128 Resp: 538990
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 52.780 ng
RT: 10.270 min Scan# 1188
Delta R.T. 0.007 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:122 Resp: 86970
Ion Ratio Lower Upper
122 100
105 125.5 101.5 141.5
77 96.4 69.3 109.3

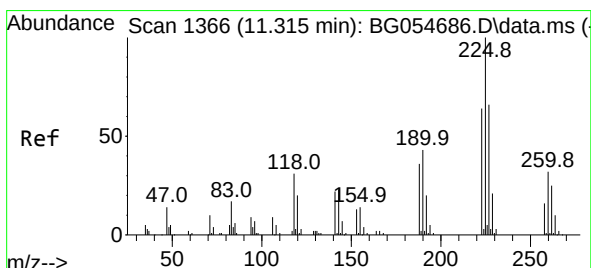
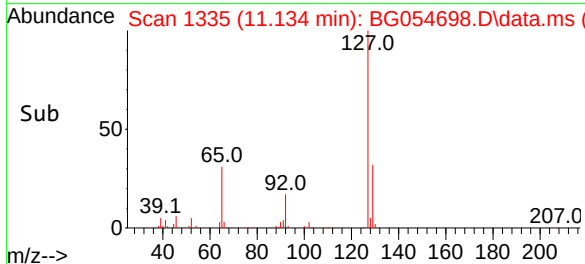
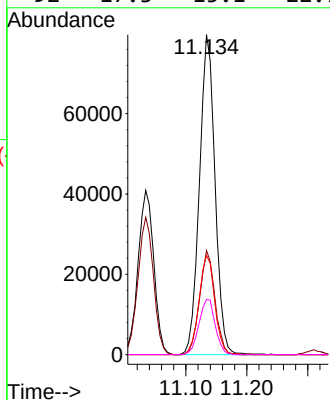
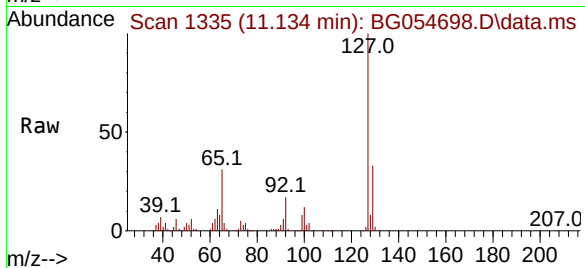




#33
4-Chloroaniline
Concen: 27.741 ng
RT: 11.134 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

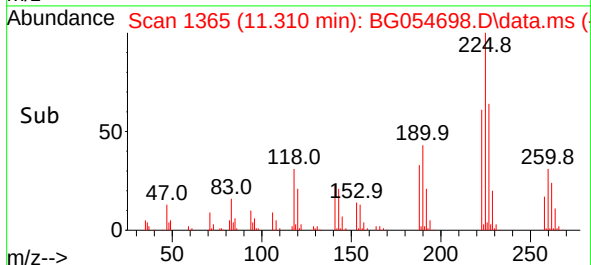
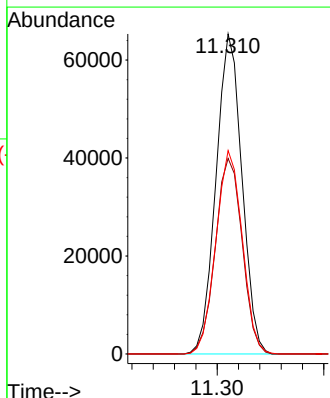
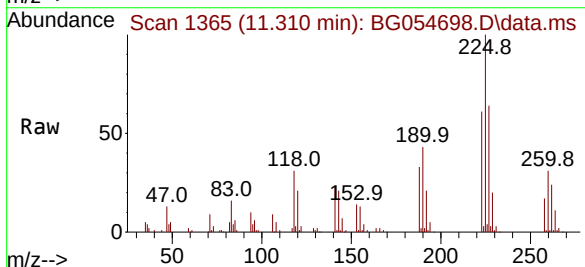
Instrument :
BNA_G
ClientSampleId :
PB147159BS

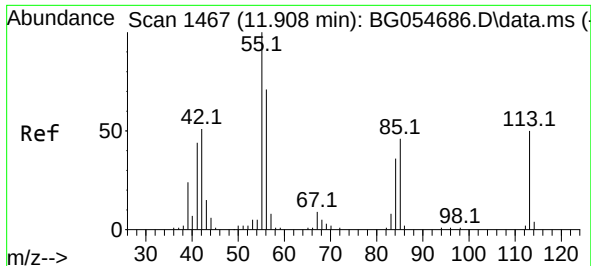
Tgt Ion:127	Resp: 141875
Ion Ratio	Lower Upper
127 100	
129 32.6	26.0 39.0
65 31.0	25.8 38.8
92 17.3	15.1 22.7



#34
Hexachlorobutadiene
Concen: 41.546 ng
RT: 11.310 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:225	Resp: 110145
Ion Ratio	Lower Upper
225 100	
223 61.1	51.4 77.0
227 63.5	52.6 79.0

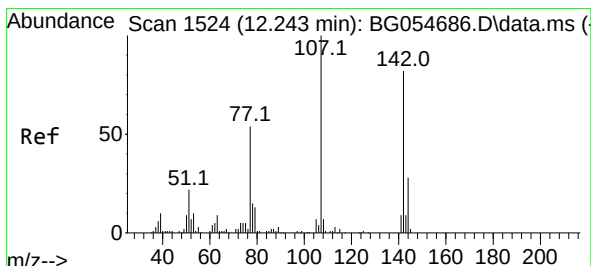
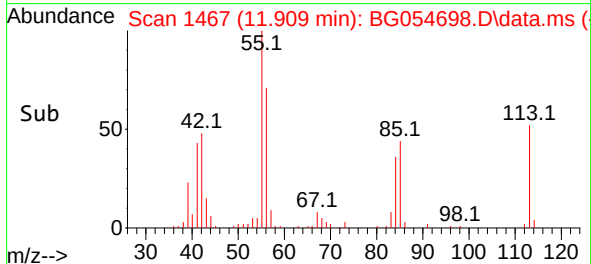
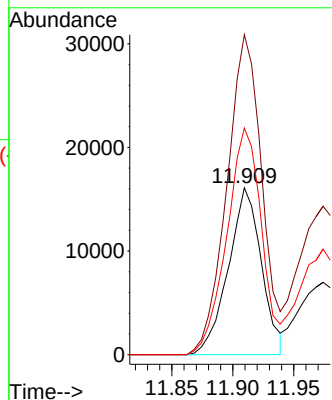
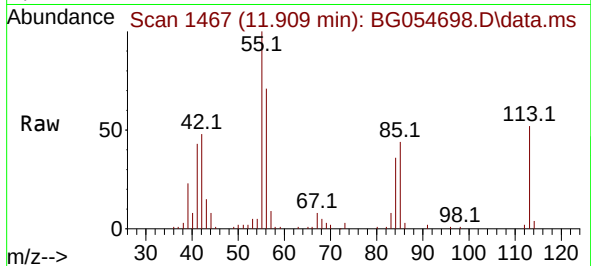




#35
Caprolactam
Concen: 30.914 ng
RT: 11.909 min Scan# 1467
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

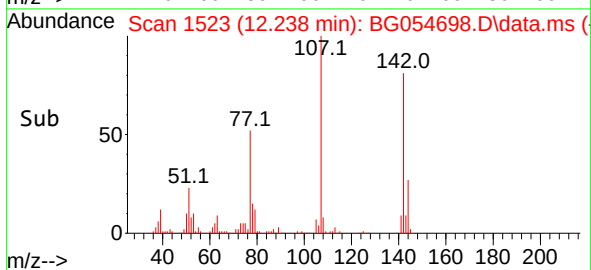
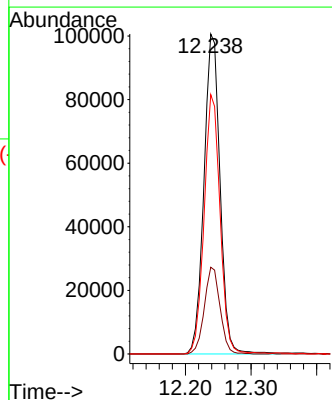
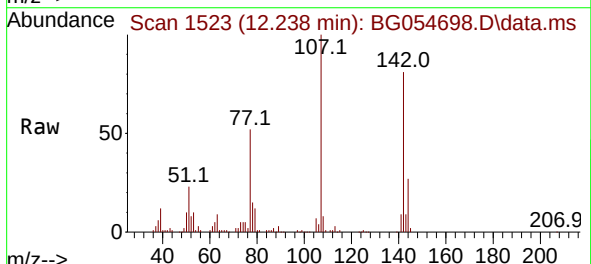
Instrument :
BNA_G
ClientSampleId :
PB147159BS

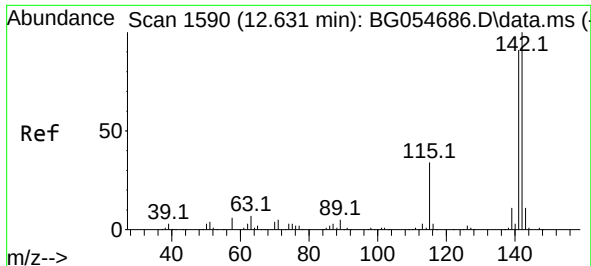
Tgt Ion:113 Resp: 30418
Ion Ratio Lower Upper
113 100
55 191.8 179.1 219.1
56 135.9 120.8 160.8



#36
4-Chloro-3-methylphenol
Concen: 51.419 ng
RT: 12.238 min Scan# 1523
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:107 Resp: 172191
Ion Ratio Lower Upper
107 100
144 27.1 22.4 33.6
142 81.0 65.8 98.8

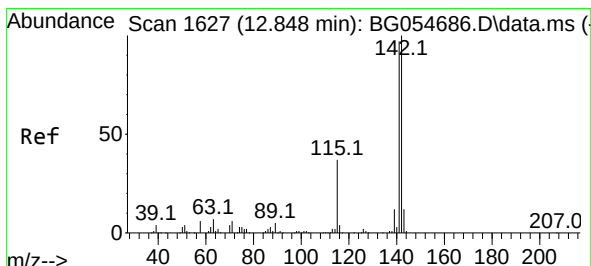
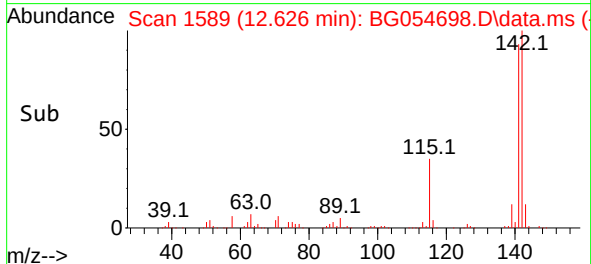
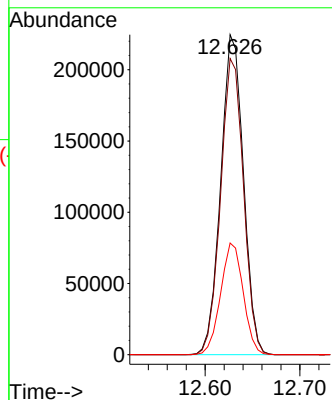
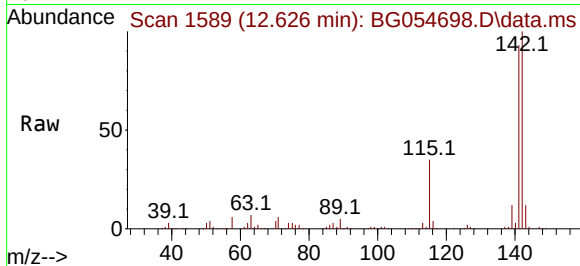




#37
2-Methylnaphthalene
Concen: 42.078 ng
RT: 12.626 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

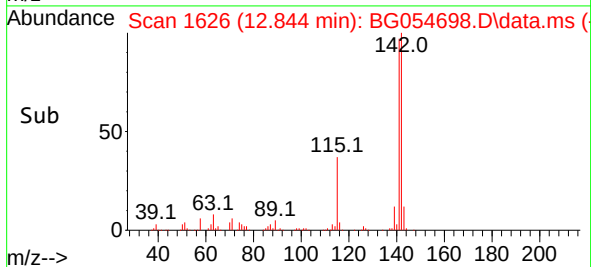
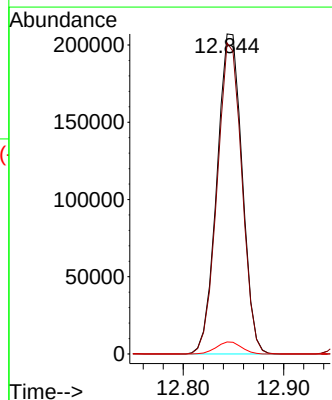
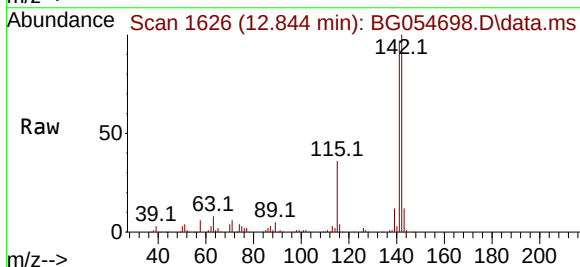
Instrument :
BNA_G
ClientSampleId :
PB147159BS

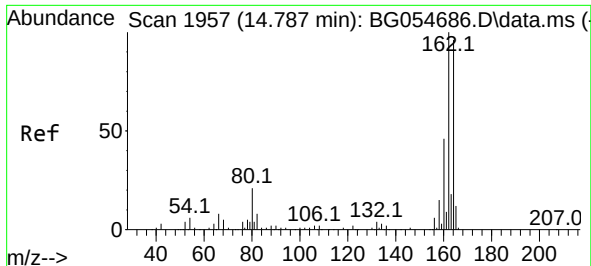
Tgt Ion:142 Resp: 374558
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.4
115 34.9 27.3 40.9



#38
1-Methylnaphthalene
Concen: 41.959 ng
RT: 12.844 min Scan# 1626
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:142 Resp: 361199
Ion Ratio Lower Upper
142 100
141 97.2 77.4 116.0
116 3.7 3.0 4.4

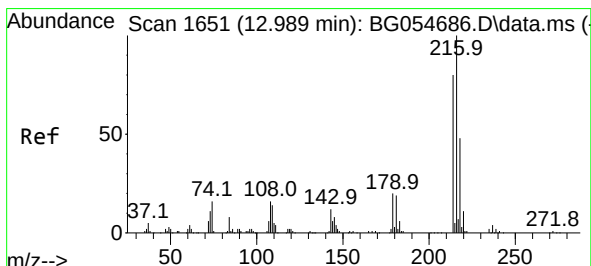
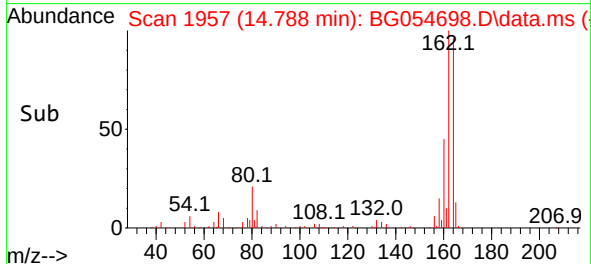
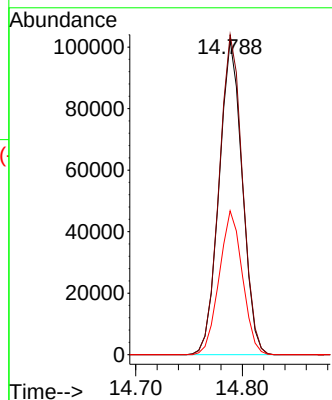
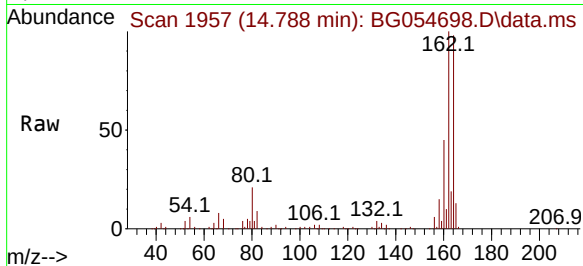




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

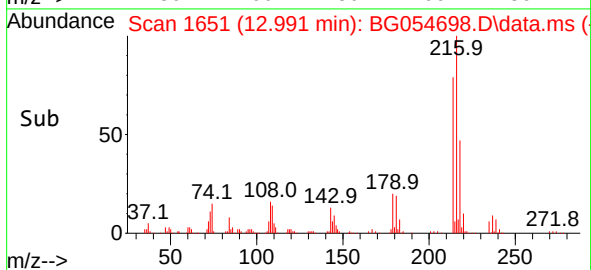
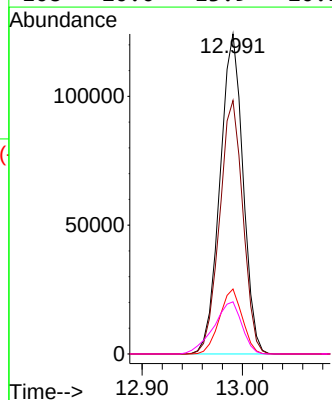
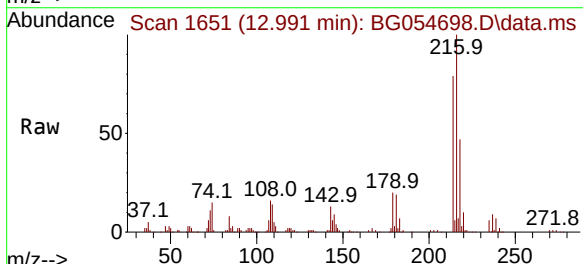
Instrument :
BNA_G
ClientSampleId :
PB147159BS

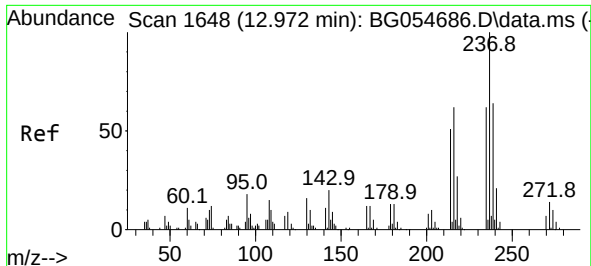
Tgt Ion:164 Resp: 153559
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.4
160 45.8 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.666 ng
RT: 12.991 min Scan# 1651
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

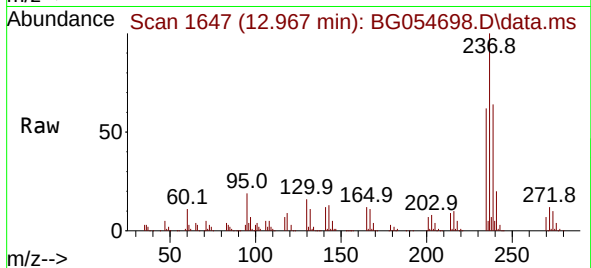
Tgt Ion:216 Resp: 197534
Ion Ratio Lower Upper
216 100
214 80.0 63.2 94.8
179 20.2 16.5 24.7
108 20.0 13.9 20.9



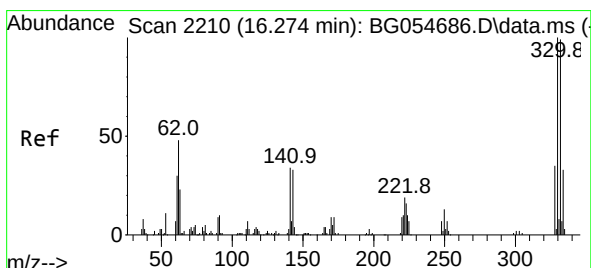
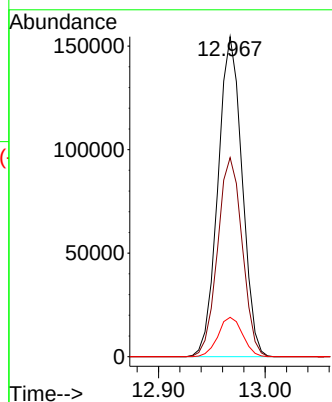
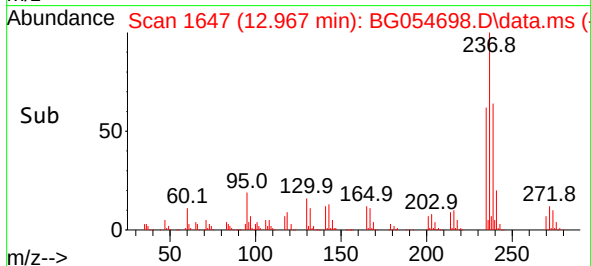


#41
Hexachlorocyclopentadiene
Concen: 123.213 ng
RT: 12.967 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

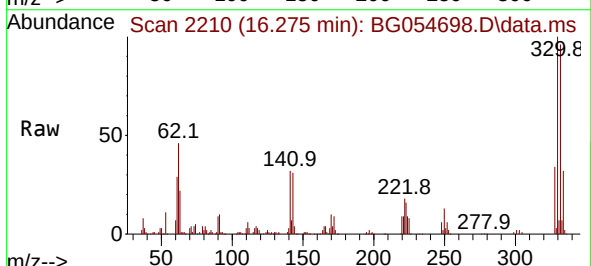
Instrument :
BNA_G
ClientSampleId :
PB147159BS



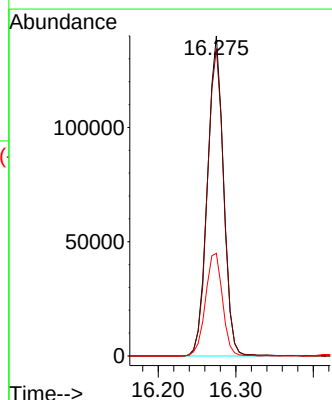
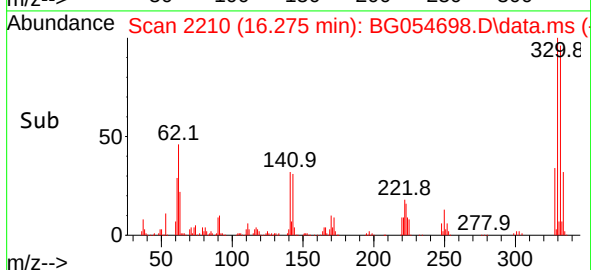
Tgt Ion:237 Resp: 242803
Ion Ratio Lower Upper
237 100
235 62.2 42.2 82.2
272 12.3 0.0 34.0

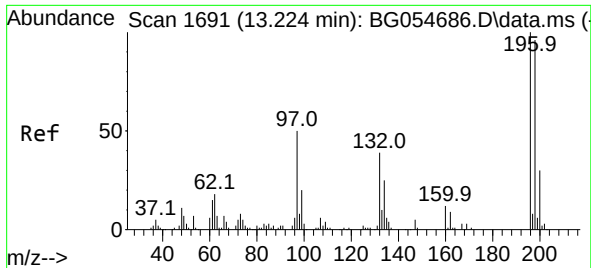


#42
2,4,6-Tribromophenol
Concen: 164.018 ng
RT: 16.275 min Scan# 2210
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35



Tgt Ion:330 Resp: 201704
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 33.9 26.8 40.2

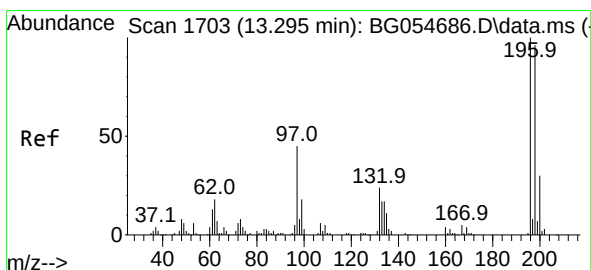
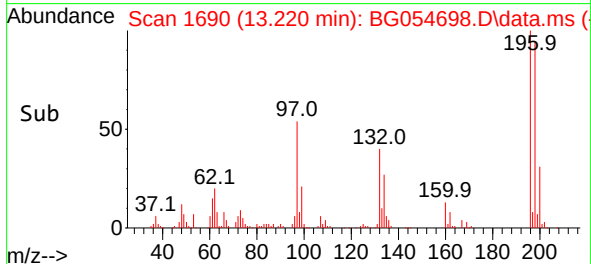
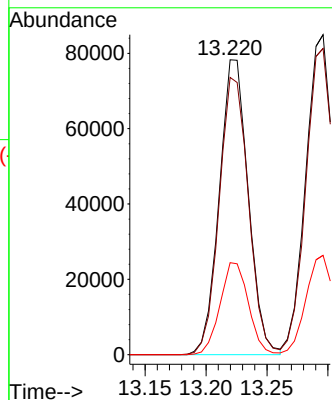
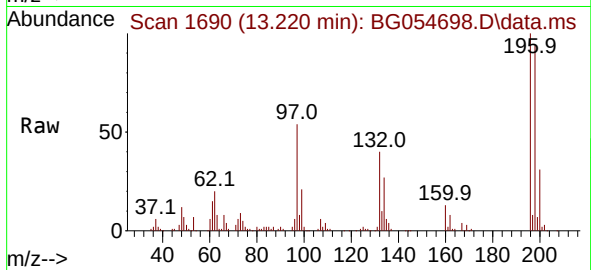




#43
2,4,6-Trichlorophenol
Concen: 52.134 ng
RT: 13.220 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

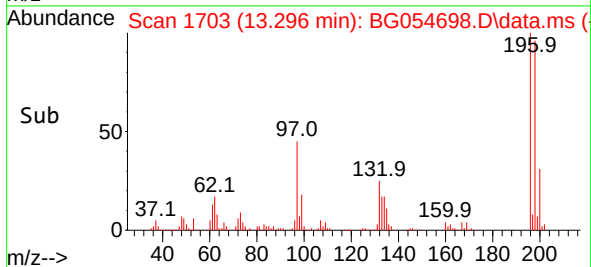
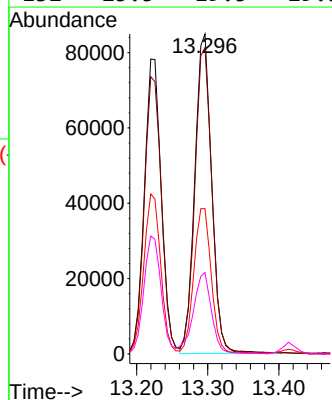
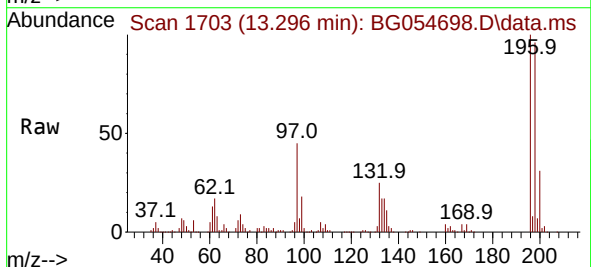
Instrument :
BNA_G
ClientSampleId :
PB147159BS

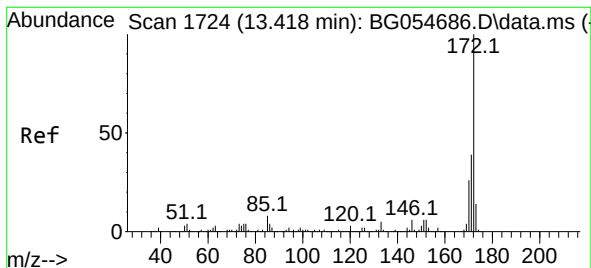
Tgt Ion:196 Resp: 129850
Ion Ratio Lower Upper
196 100
198 94.0 77.1 115.7
200 31.2 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 49.973 ng
RT: 13.296 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:196 Resp: 140871
Ion Ratio Lower Upper
196 100
198 95.7 76.7 115.1
97 45.4 36.6 55.0
132 25.5 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 77.167 ng

RT: 13.414 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

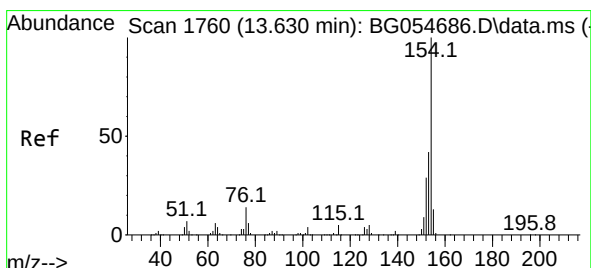
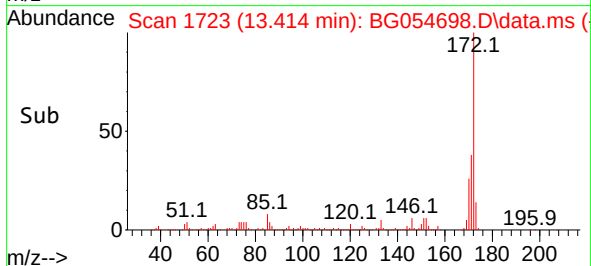
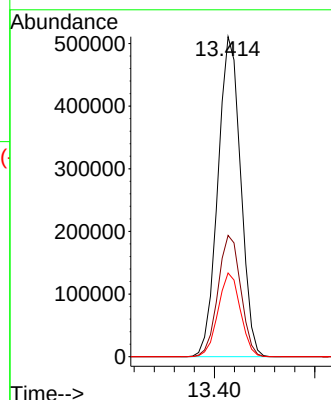
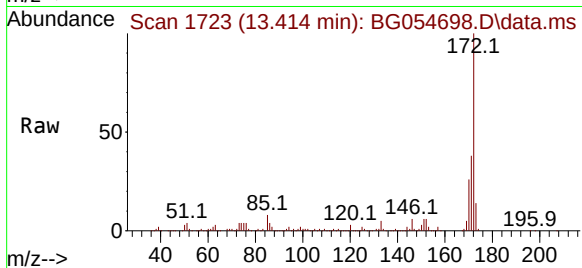
Tgt Ion:172 Resp: 803529

Ion Ratio Lower Upper

172 100

171 37.9 31.2 46.8

170 26.1 20.6 30.8



#46

1,1'-Biphenyl

Concen: 43.056 ng

RT: 13.625 min Scan# 1759

Delta R.T. -0.005 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

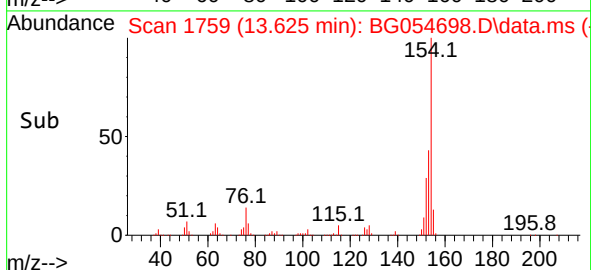
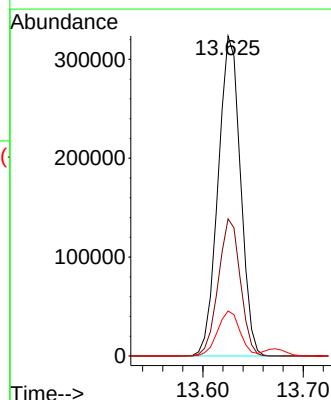
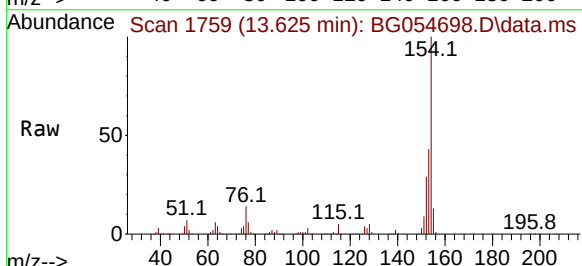
Tgt Ion:154 Resp: 500280

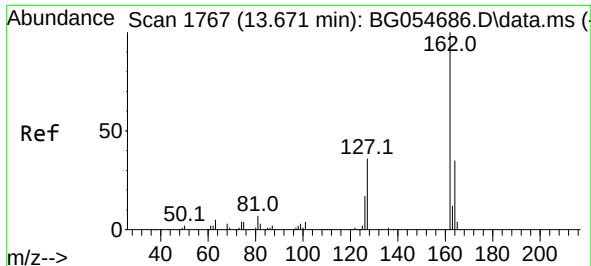
Ion Ratio Lower Upper

154 100

153 42.9 22.2 62.2

76 14.0 0.0 34.0

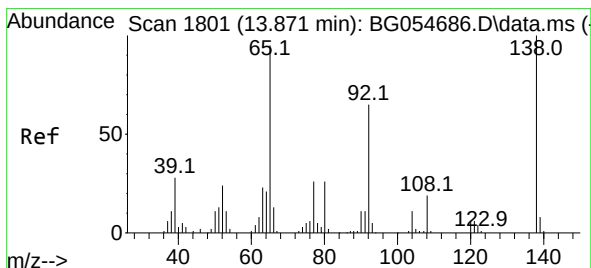
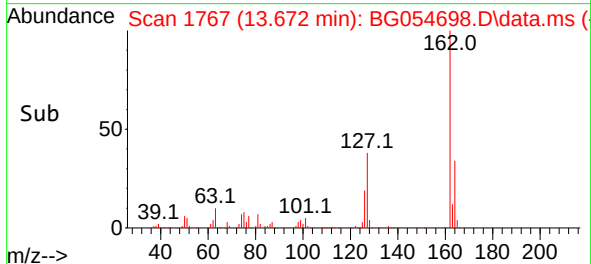
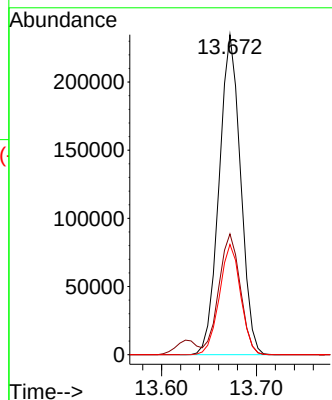
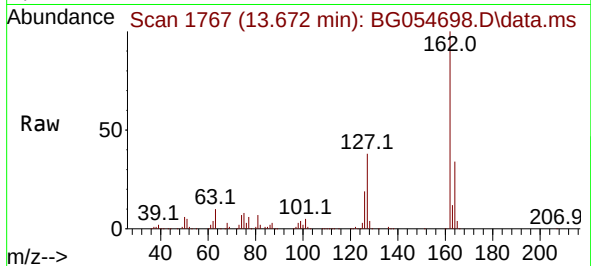




#47
2-Chloronaphthalene
Concen: 41.663 ng
RT: 13.672 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

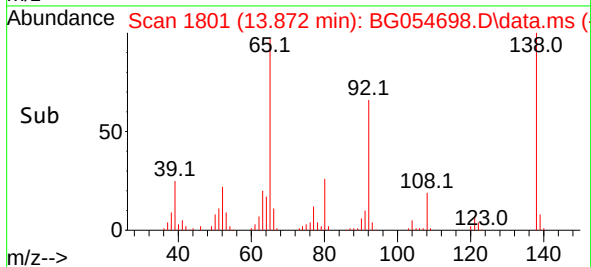
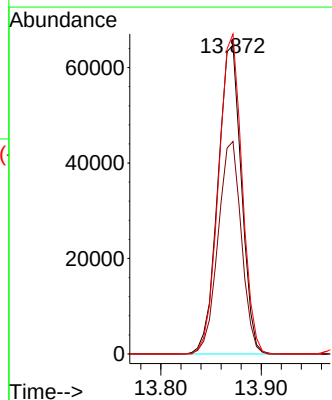
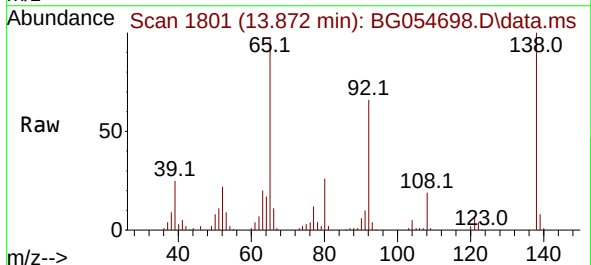
Instrument :
BNA_G
ClientSampleId :
PB147159BS

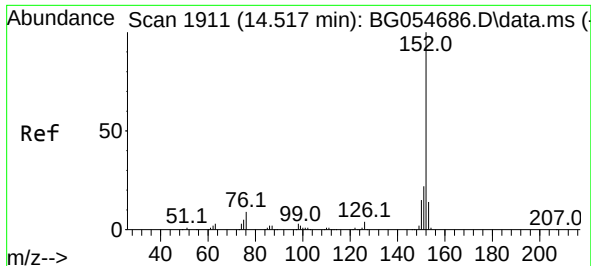
Tgt Ion:162 Resp: 369287
Ion Ratio Lower Upper
162 100
127 37.8 31.5 47.3
164 34.4 27.8 41.6



#48
2-Nitroaniline
Concen: 48.067 ng
RT: 13.872 min Scan# 1801
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion: 65 Resp: 105274
Ion Ratio Lower Upper
65 100
92 68.7 54.7 82.1
138 103.5 84.1 126.1

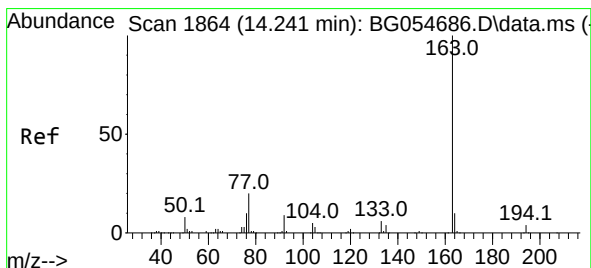
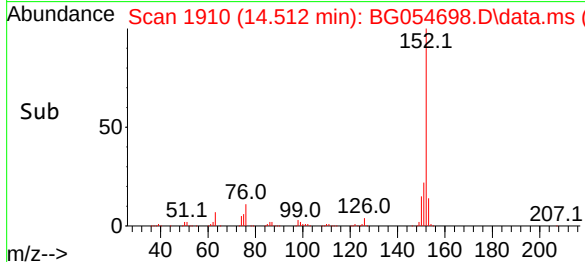
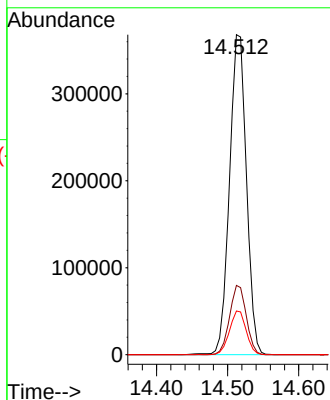
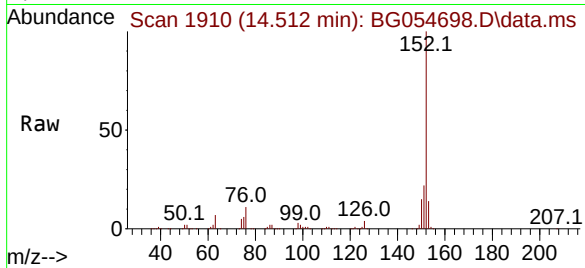




#49
Acenaphthylene
Concen: 42.288 ng
RT: 14.512 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

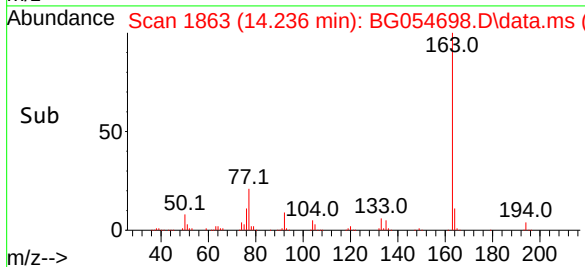
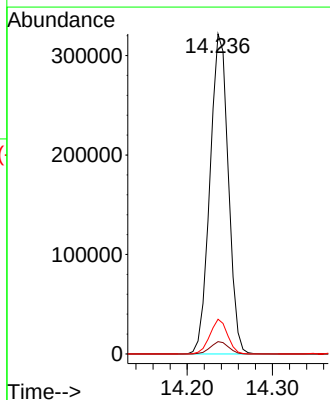
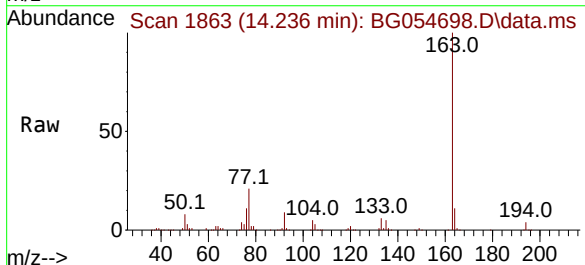
Instrument :
BNA_G
ClientSampleId :
PB147159BS

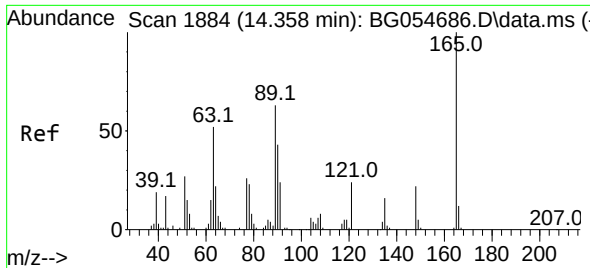
Tgt Ion:152 Resp: 609246
Ion Ratio Lower Upper
152 100
151 21.7 17.3 25.9
153 13.7 10.8 16.2



#50
Dimethylphthalate
Concen: 46.516 ng
RT: 14.236 min Scan# 1863
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:163 Resp: 480987
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.8 8.0 12.0

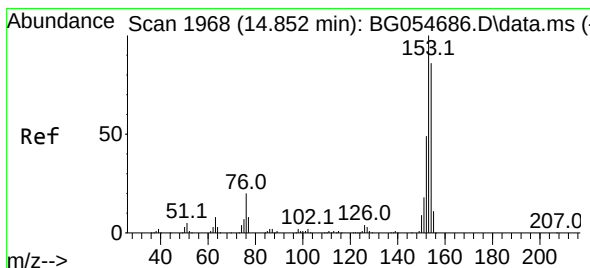
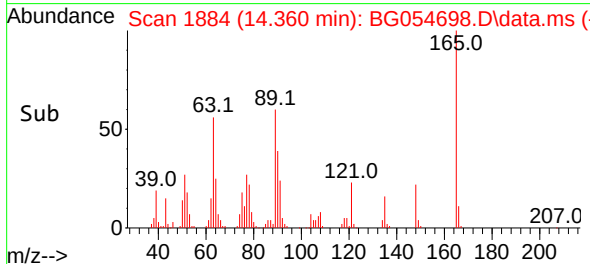
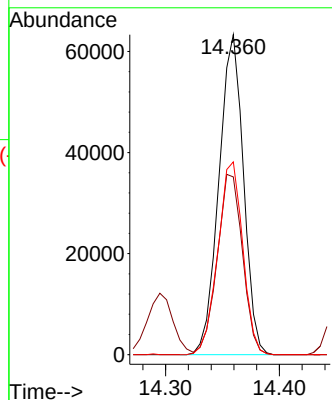
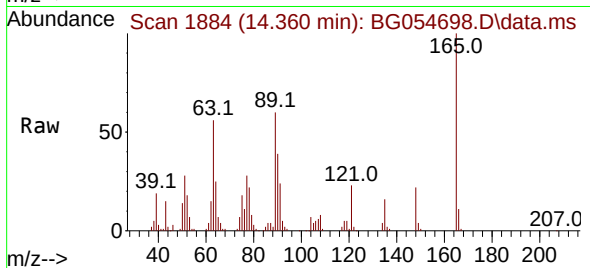




#51
2,6-Dinitrotoluene
Concen: 50.530 ng
RT: 14.360 min Scan# 1884
Delta R.T. 0.002 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

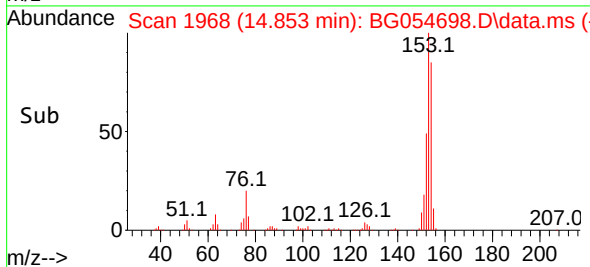
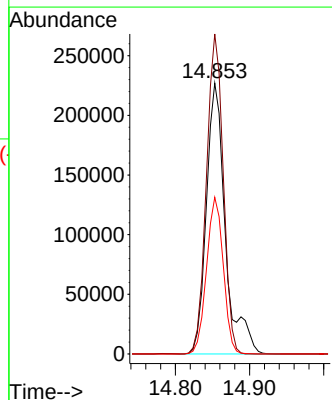
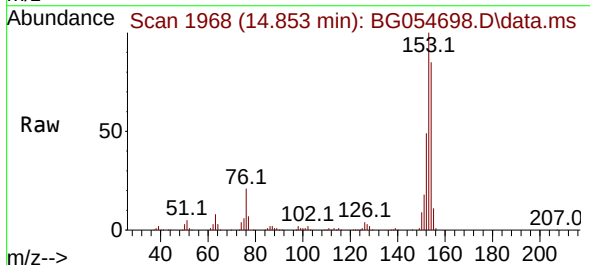
Instrument :
BNA_G
ClientSampleId :
PB147159BS

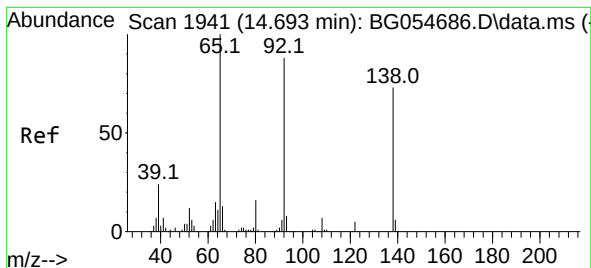
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.5	46.0	69.0
89	60.2	50.3	75.5



#52
Acenaphthene
Concen: 45.808 ng
RT: 14.853 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.2	92.8	139.2
152	57.8	45.4	68.2

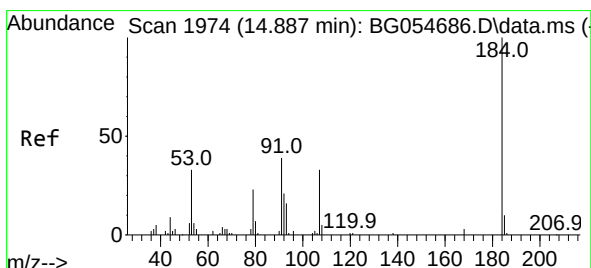
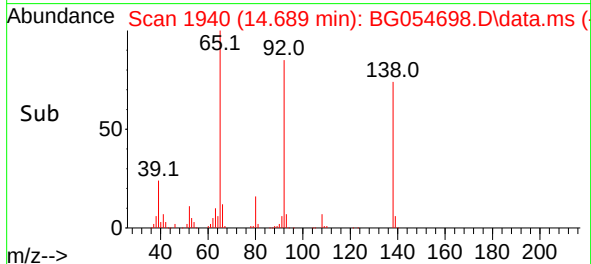
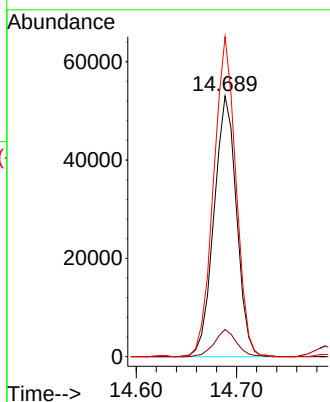
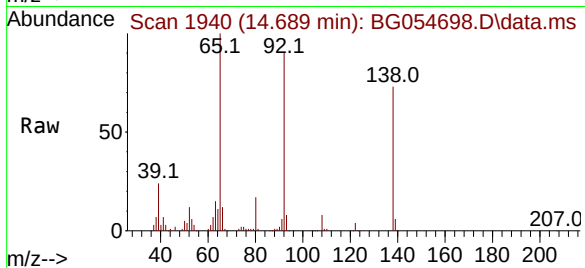




#53
3-Nitroaniline
Concen: 38.111 ng
RT: 14.689 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

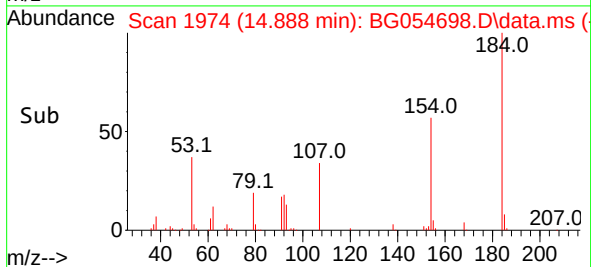
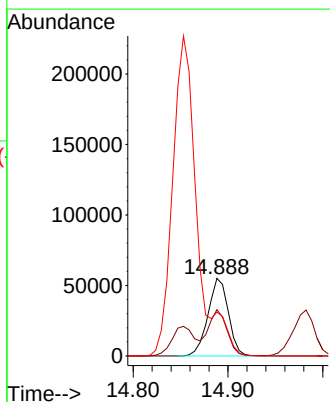
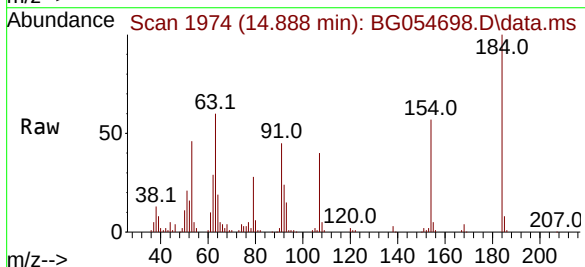
Instrument :
BNA_G
ClientSampleId :
PB147159BS

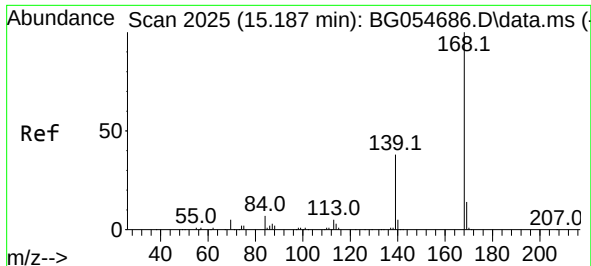
Tgt Ion:138 Resp: 82651
Ion Ratio Lower Upper
138 100
108 10.4 7.6 11.4
92 122.7 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 122.312 ng
RT: 14.888 min Scan# 1974
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:184 Resp: 82040
Ion Ratio Lower Upper
184 100
63 59.7 41.8 62.8
154 56.6 45.2 67.8

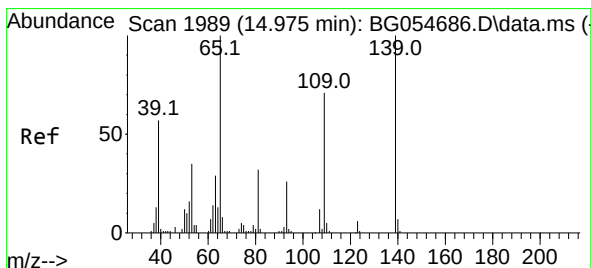
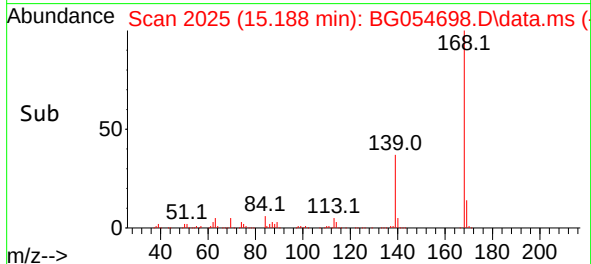
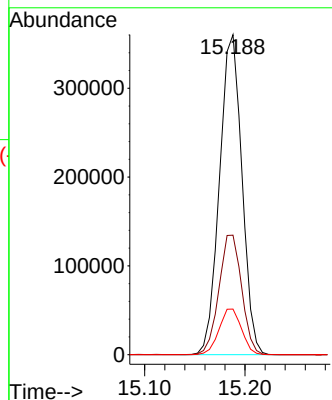
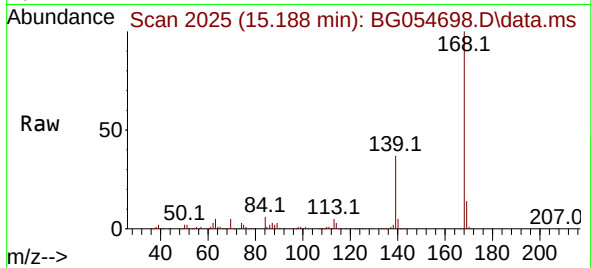




#55
Dibenzofuran
Concen: 41.759 ng
RT: 15.188 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

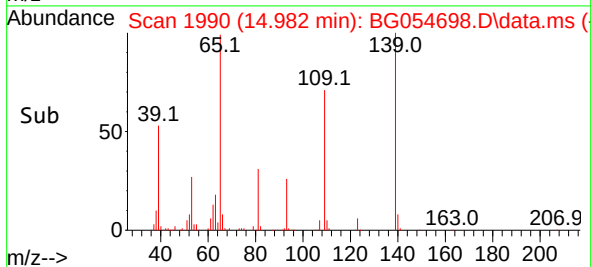
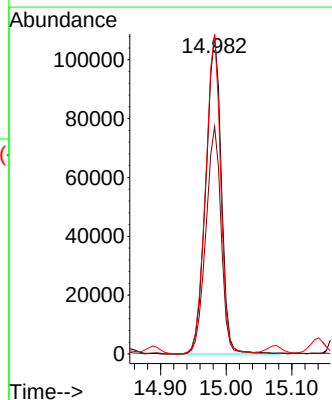
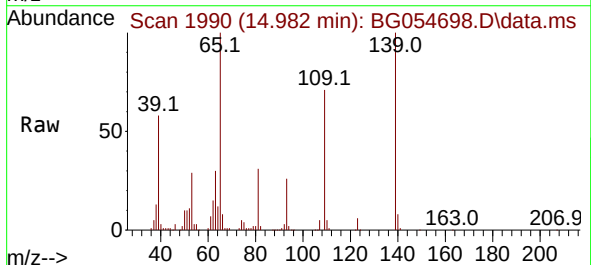
Instrument :
BNA_G
ClientSampleId :
PB147159BS

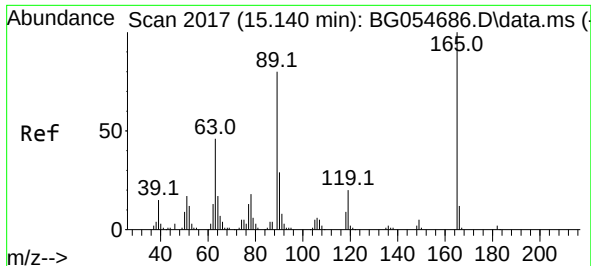
Tgt Ion:168 Resp: 558983
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 110.341 ng
RT: 14.982 min Scan# 1990
Delta R.T. 0.007 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:139 Resp: 177864
Ion Ratio Lower Upper
139 100
109 71.1 50.5 90.5
65 100.1 79.9 119.9

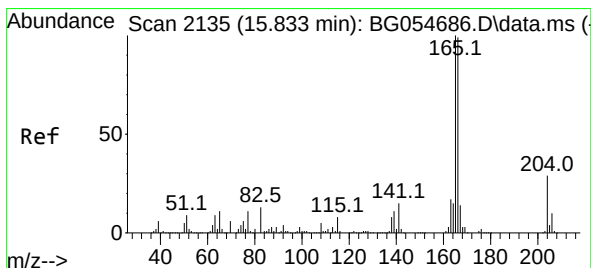
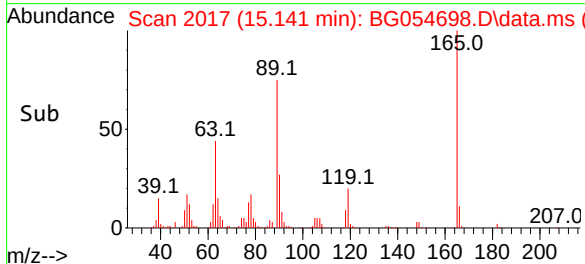
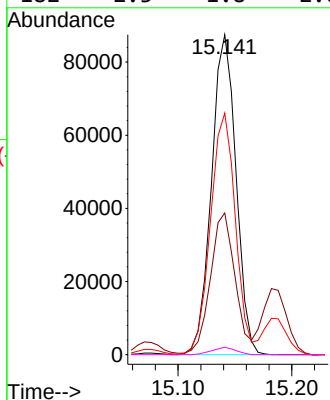
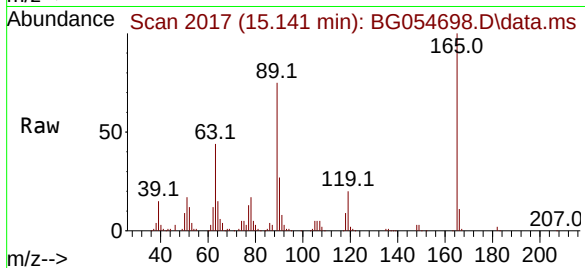




#57
2,4-Dinitrotoluene
Concen: 46.783 ng
RT: 15.141 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

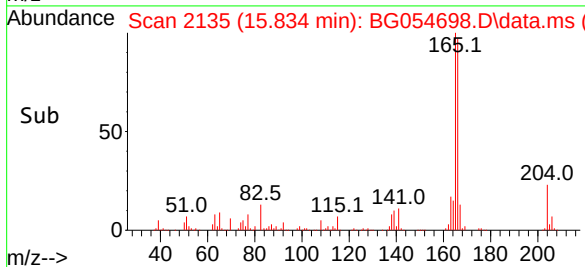
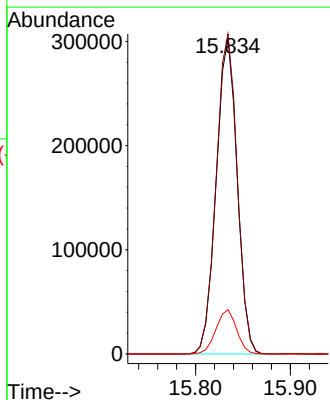
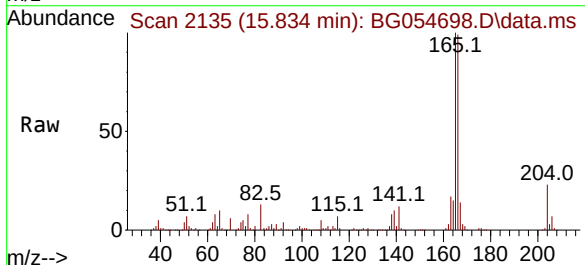
Instrument :
BNA_G
ClientSampleId :
PB147159BS

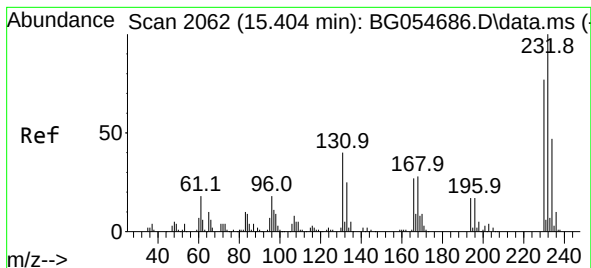
Tgt Ion:165 Resp: 131165
Ion Ratio Lower Upper
165 100
63 44.3 36.8 55.2
89 75.5 64.3 96.5
182 2.3 1.8 2.6



#58
Fluorene
Concen: 42.023 ng
RT: 15.834 min Scan# 2135
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:166 Resp: 465029
Ion Ratio Lower Upper
166 100
165 101.2 80.8 121.2
167 14.0 11.4 17.0

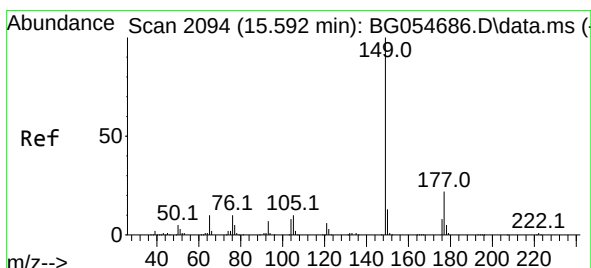
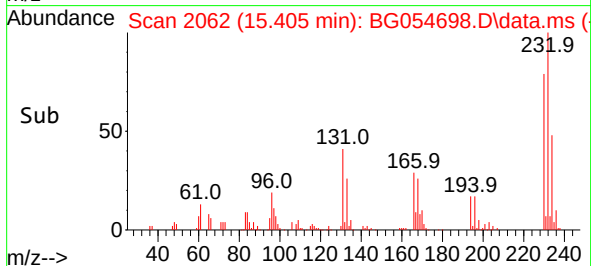
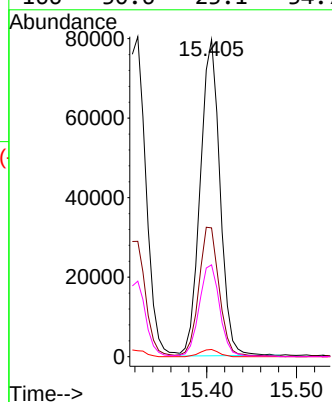
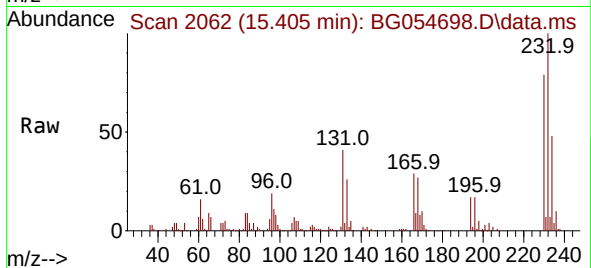




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.624 ng
RT: 15.405 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

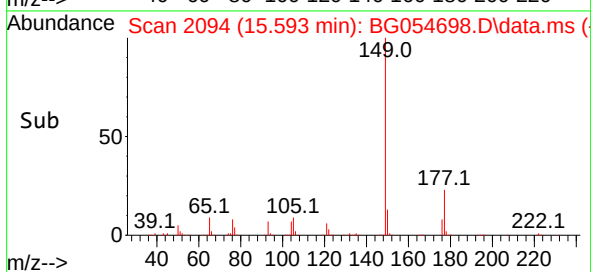
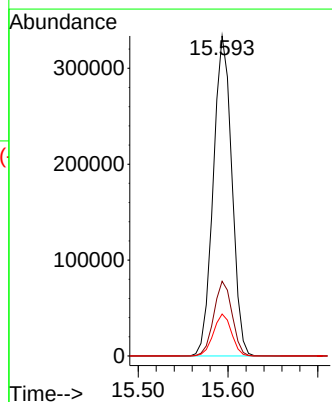
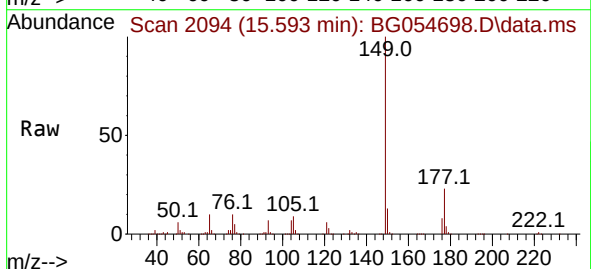
Instrument :
BNA_G
ClientSampleId :
PB147159BS

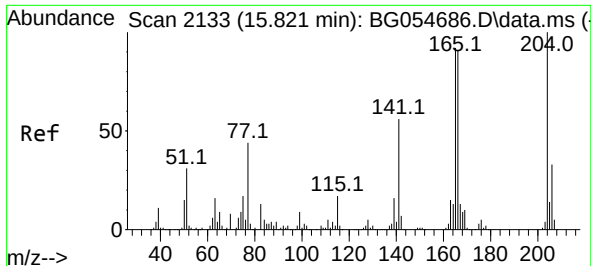
Tgt Ion:	232	Resp:	121158
Ion Ratio	Lower	Upper	
232	100		
131	42.8	31.3	46.9
130	2.2	1.8	2.6
166	30.6	23.1	34.7



#60
Diethylphthalate
Concen: 47.507 ng
RT: 15.593 min Scan# 2094
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:	149	Resp:	479169
Ion Ratio	Lower	Upper	
149	100		
177	23.4	17.8	26.6
150	13.1	10.1	15.1

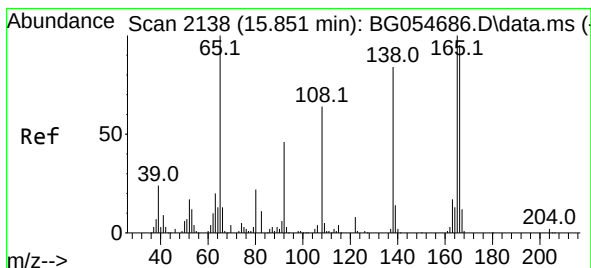
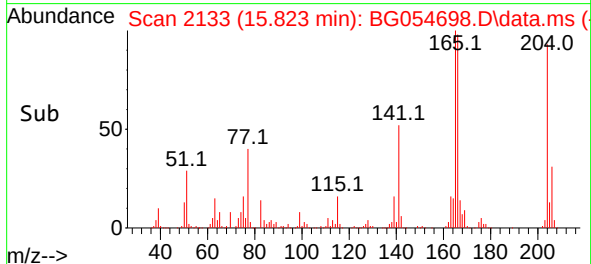
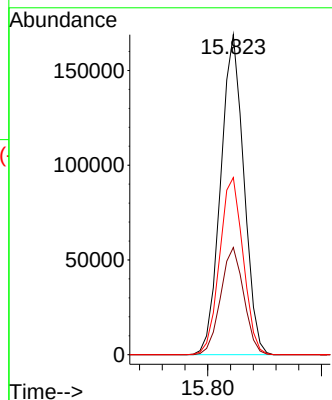
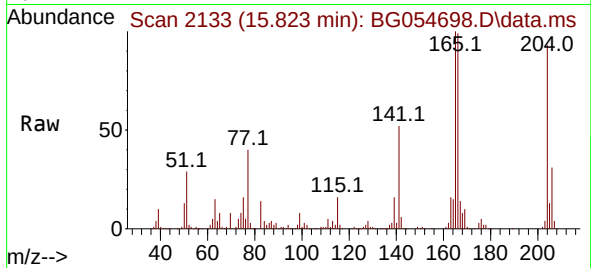




#61
4-Chlorophenyl-phenylether
Concen: 43.621 ng
RT: 15.823 min Scan# 2133
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

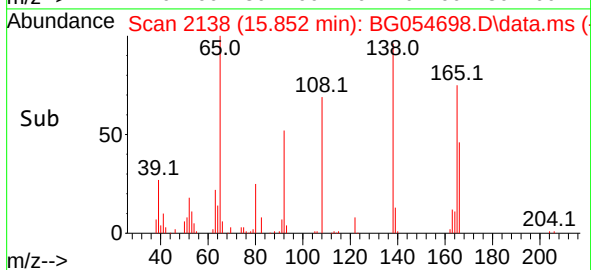
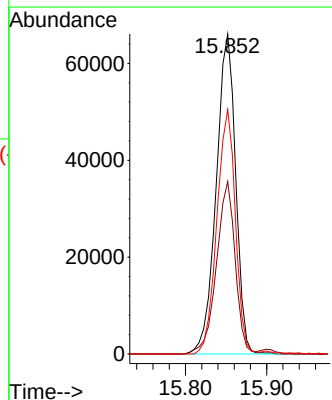
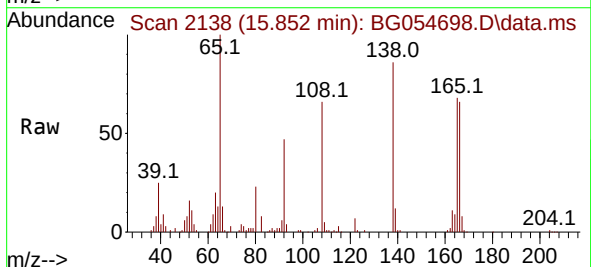
Instrument :
BNA_G
ClientSampleId :
PB147159BS

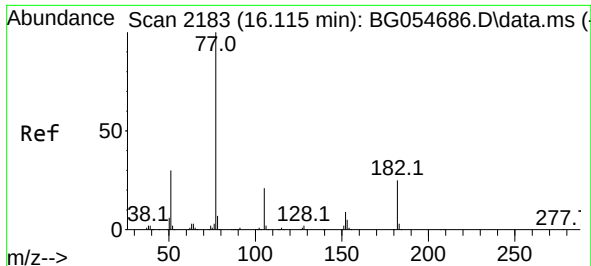
Tgt Ion:204 Resp: 239035
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 55.3 44.9 67.3



#62
4-Nitroaniline
Concen: 46.588 ng
RT: 15.852 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:138 Resp: 110103
Ion Ratio Lower Upper
138 100
92 53.9 34.7 74.7
108 76.3 56.2 96.2

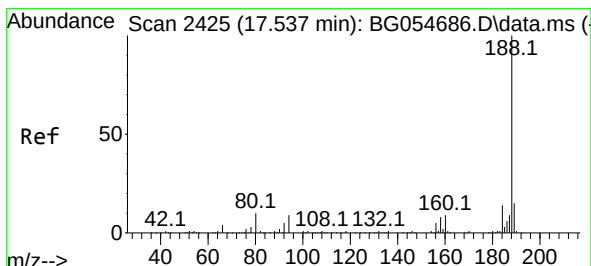
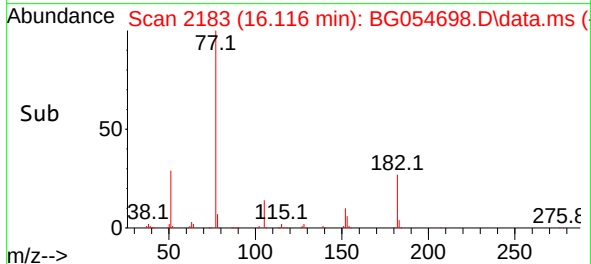
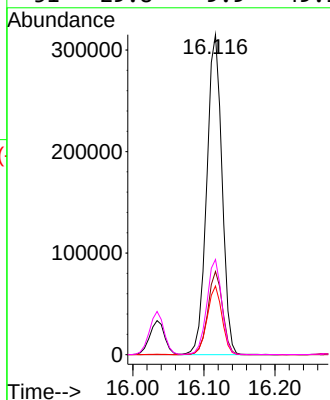
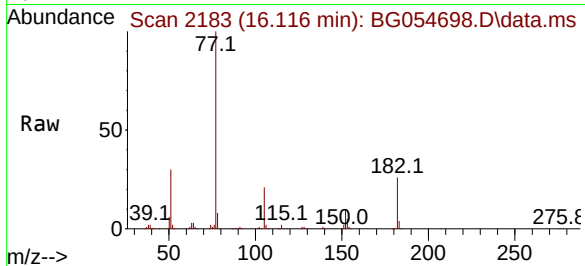




#63
Azobenzene
Concen: 41.990 ng
RT: 16.116 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

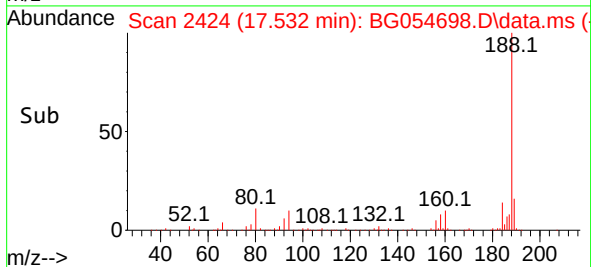
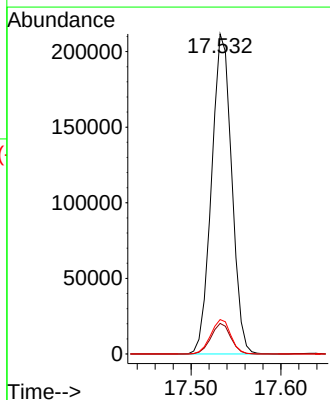
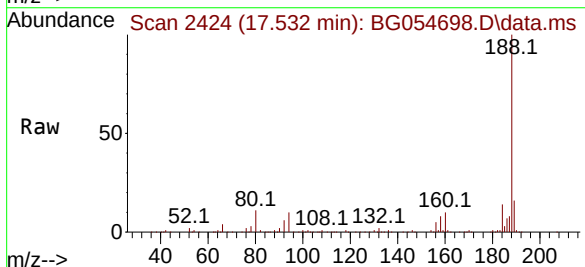
Instrument :
BNA_G
ClientSampleId :
PB147159BS

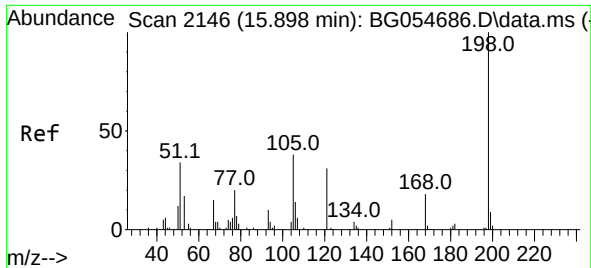
Tgt Ion: 77	Resp: 470378
Ion Ratio	Lower Upper
77 100	
182 26.0	5.1 45.1
105 21.4	0.7 40.7
51 29.8	9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:188	Resp: 329787		
Ion Ratio	Lower	Upper	
188 100			
94 9.5	7.0	10.4	
80 10.8	7.9	11.9	





#65
4,6-Dinitro-2-methylphenol
Concen: 53.153 ng
RT: 15.899 min Scan# 2146
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

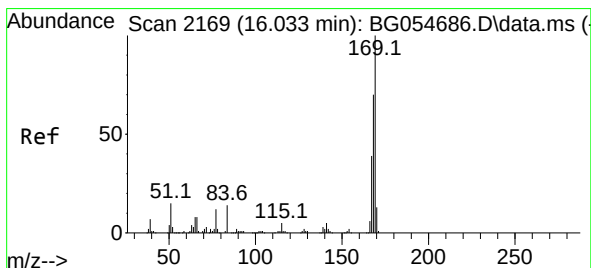
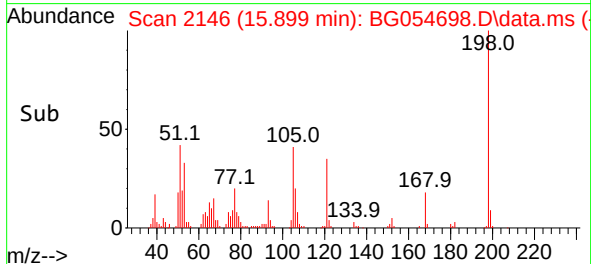
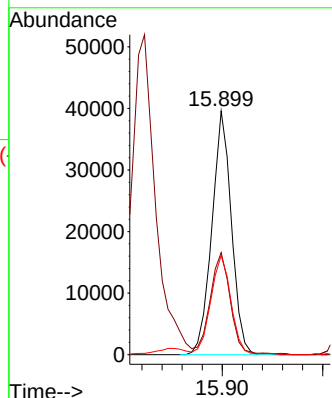
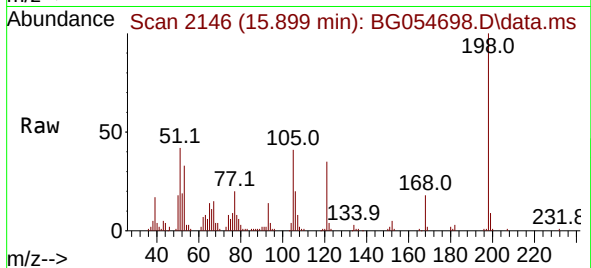
Instrument :

BNA_G

ClientSampleId :

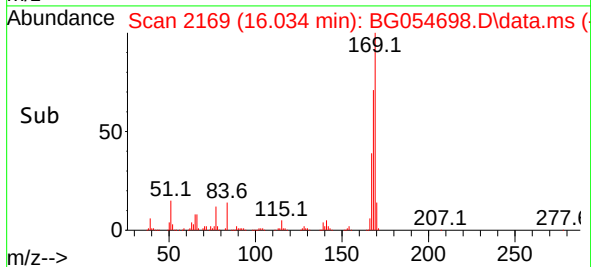
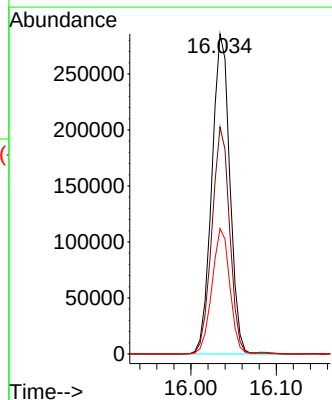
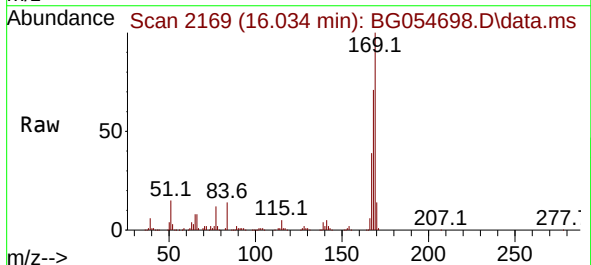
PB147159BS

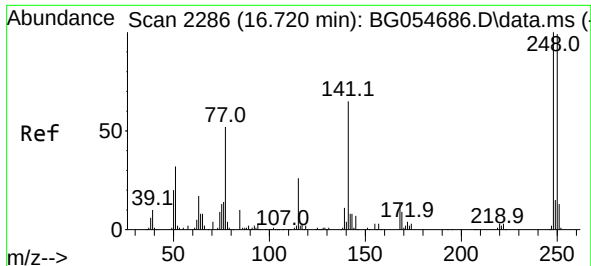
Tgt Ion:198 Resp: 53546
Ion Ratio Lower Upper
198 100
51 41.9 19.9 59.9
105 40.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 44.781 ng
RT: 16.034 min Scan# 2169
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:169 Resp: 419670
Ion Ratio Lower Upper
169 100
168 70.9 55.6 83.4
167 39.2 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 44.693 ng
RT: 16.716 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

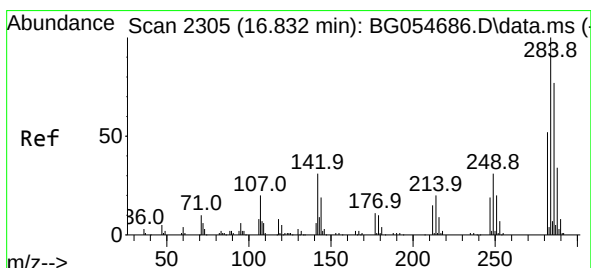
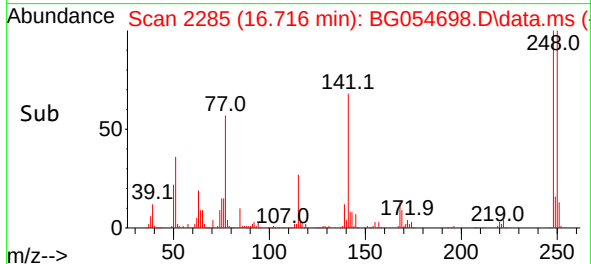
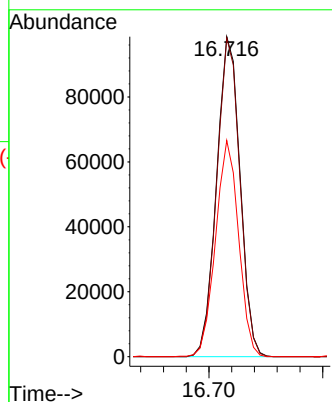
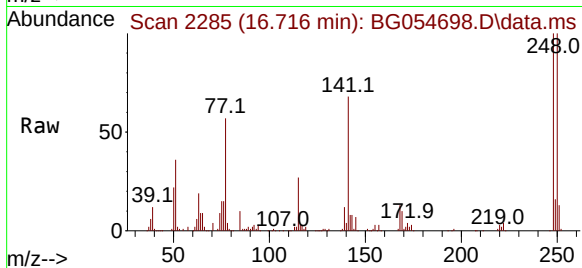
Instrument :

BNA_G

ClientSampleId :

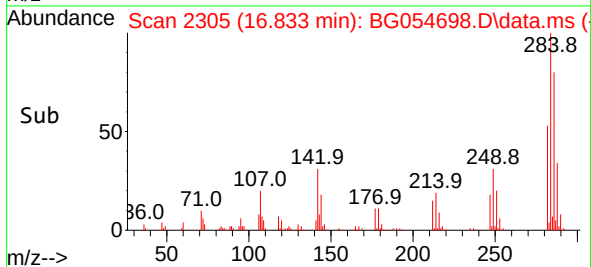
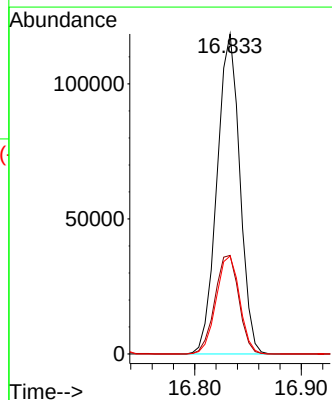
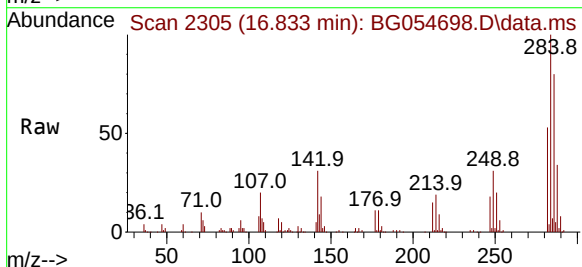
PB147159BS

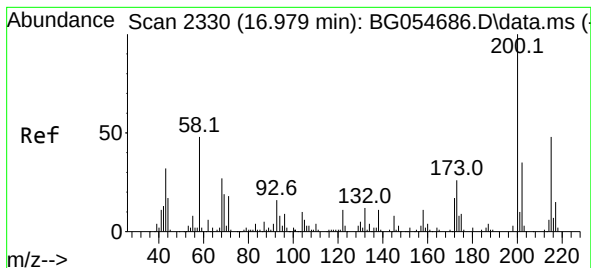
Tgt Ion:248 Resp: 141882
Ion Ratio Lower Upper
248 100
250 99.6 78.8 118.2
141 67.6 51.9 77.9



#68
Hexachlorobenzene
Concen: 43.913 ng
RT: 16.833 min Scan# 2305
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:284 Resp: 175898
Ion Ratio Lower Upper
284 100
142 30.8 25.0 37.6
249 30.6 24.5 36.7





#69

Atrazine

Concen: 54.512 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

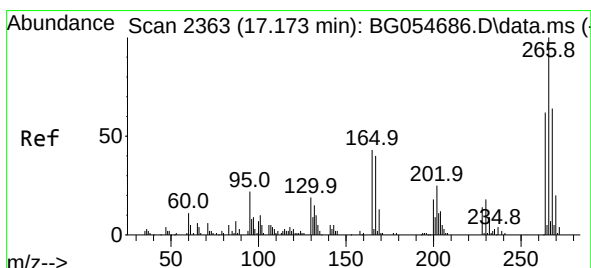
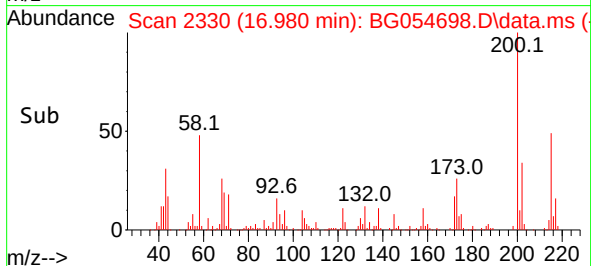
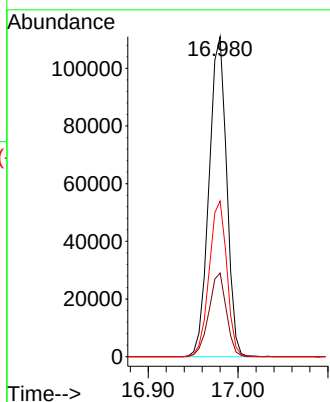
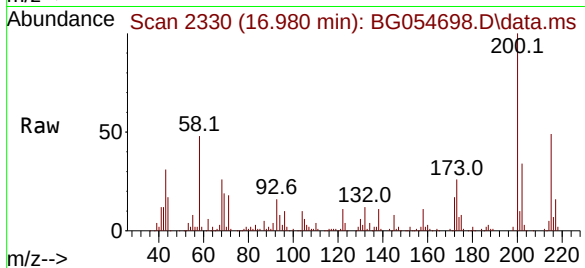
Tgt Ion:200 Resp: 151388

Ion Ratio Lower Upper

200 100

173 26.1 5.6 45.6

215 48.7 28.2 68.2



#70

Pentachlorophenol

Concen: 91.164 ng

RT: 17.174 min Scan# 2363

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

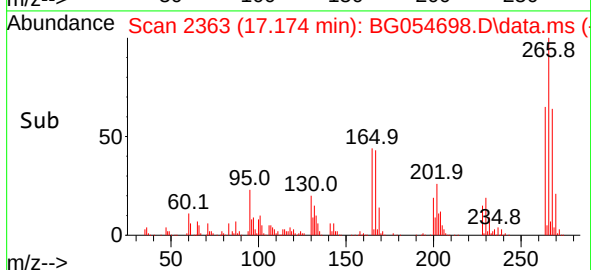
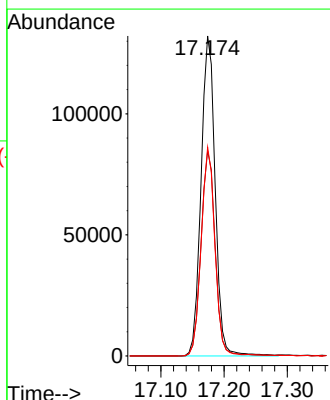
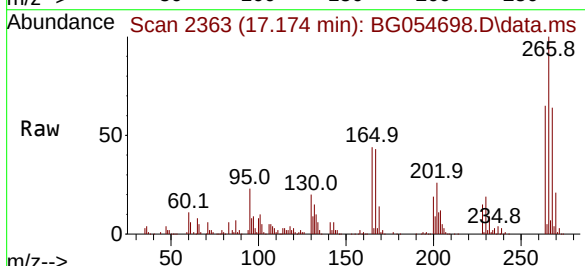
Tgt Ion:266 Resp: 205378

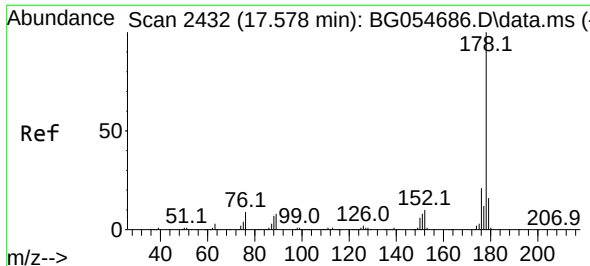
Ion Ratio Lower Upper

266 100

268 64.1 51.2 76.8

264 65.2 49.4 74.0

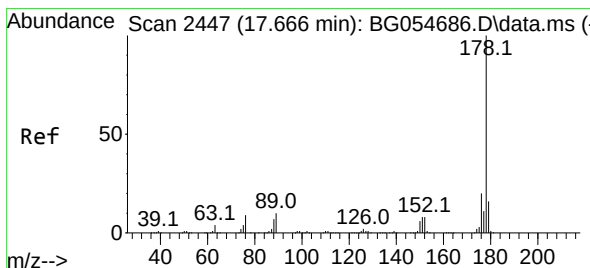
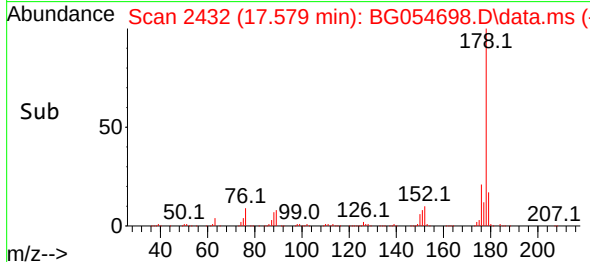
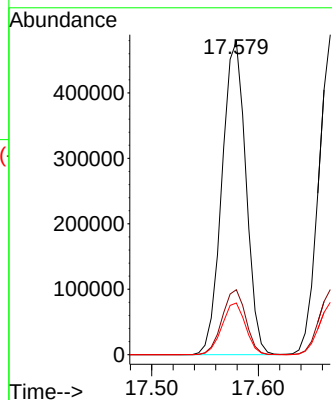
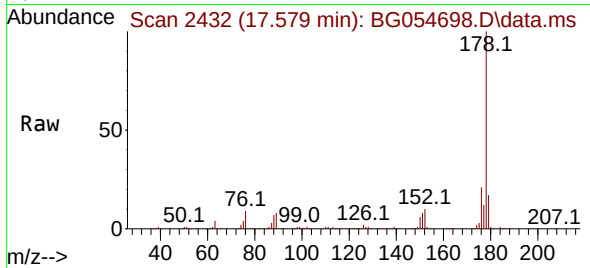




#71
Phenanthrene
Concen: 42.579 ng
RT: 17.579 min Scan# 2432
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

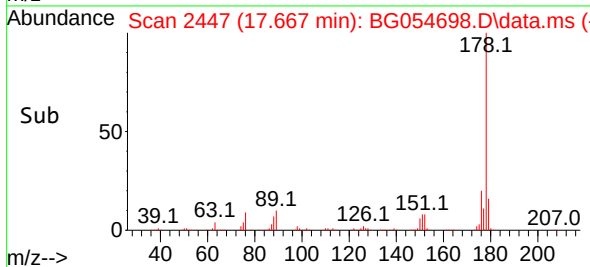
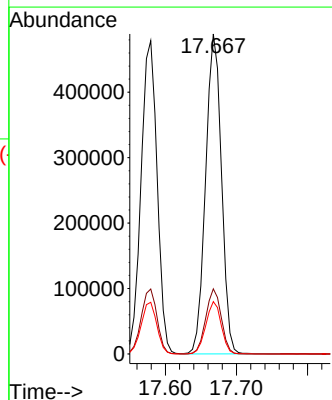
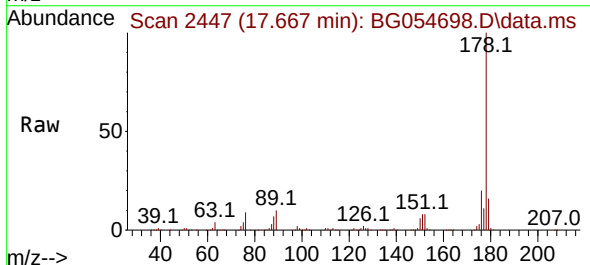
Instrument :
BNA_G
ClientSampleId :
PB147159BS

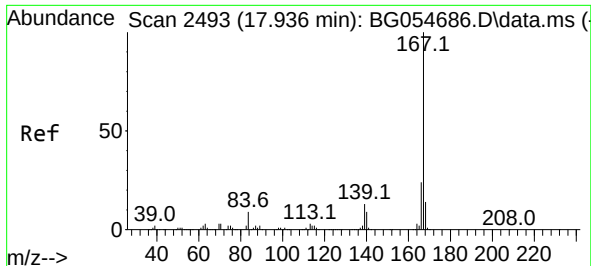
Tgt Ion:178 Resp: 748474
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.5 12.8 19.2



#72
Anthracene
Concen: 44.549 ng
RT: 17.667 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:178 Resp: 758843
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.4 12.9 19.3

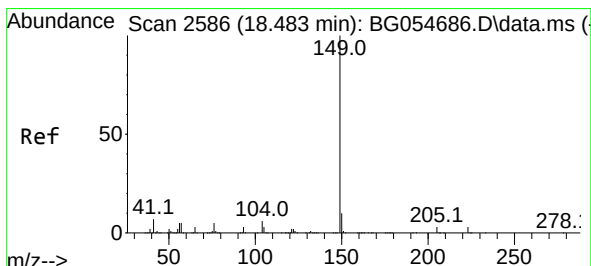
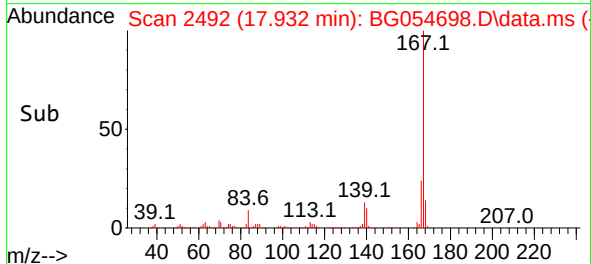
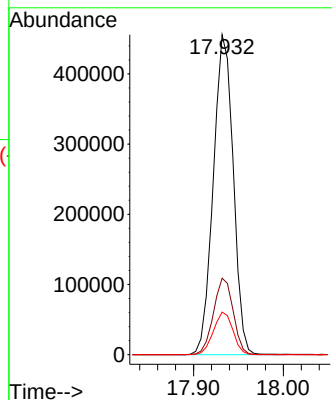
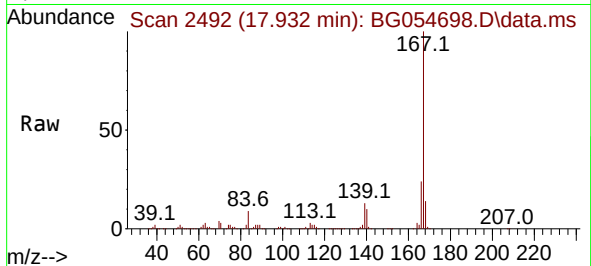




#73
Carbazole
Concen: 46.423 ng
RT: 17.932 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

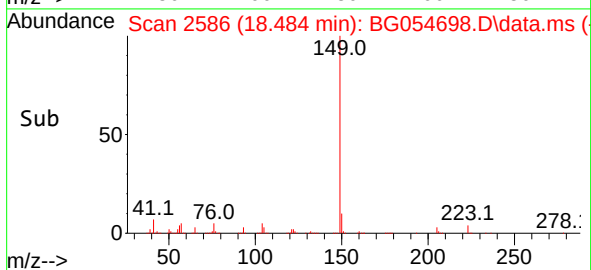
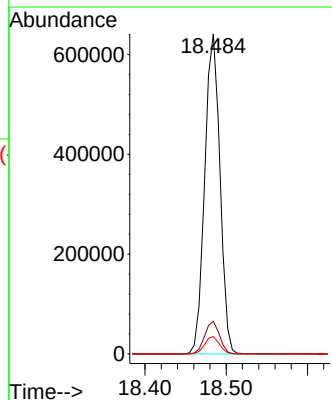
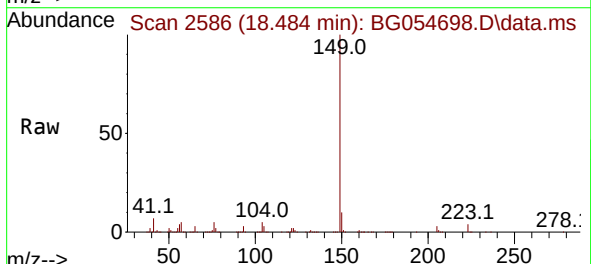
Instrument :
BNA_G
ClientSampleId :
PB147159BS

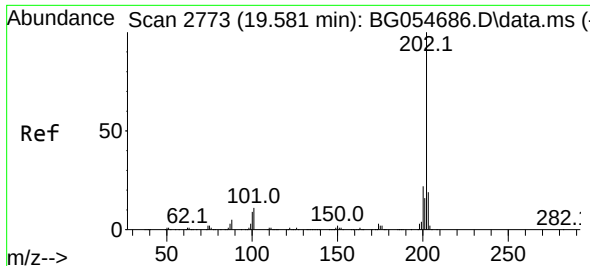
Tgt Ion:167 Resp: 703527
Ion Ratio Lower Upper
167 100
166 23.9 18.8 28.2
139 13.3 10.2 15.4



#74
Di-n-butylphthalate
Concen: 51.545 ng
RT: 18.484 min Scan# 2586
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:149 Resp: 833355
Ion Ratio Lower Upper
149 100
150 10.2 8.0 12.0
104 5.5 4.4 6.6

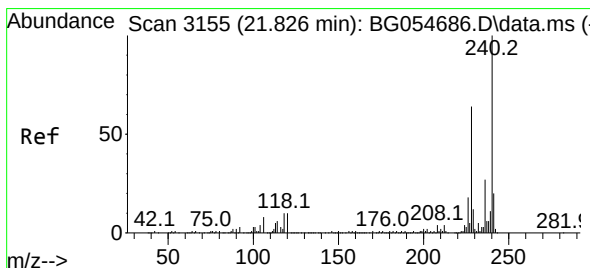
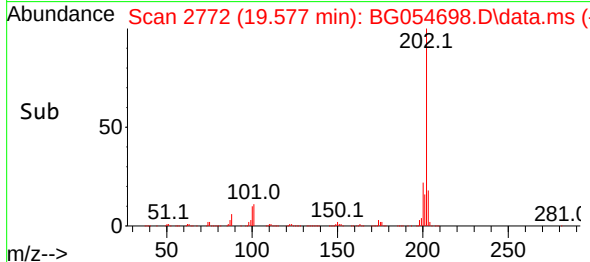
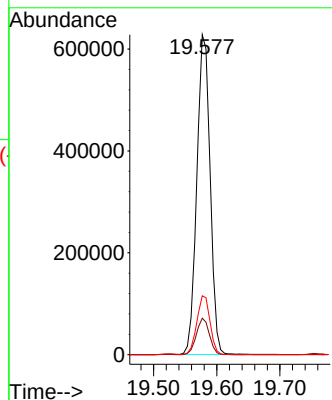
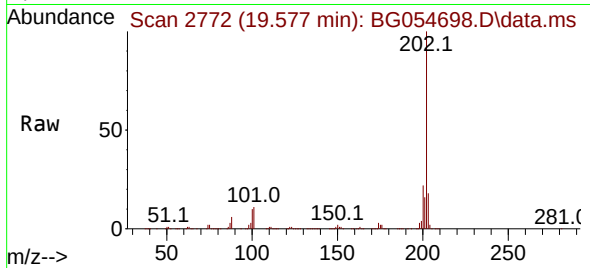




#75
Fluoranthene
Concen: 44.234 ng
RT: 19.577 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

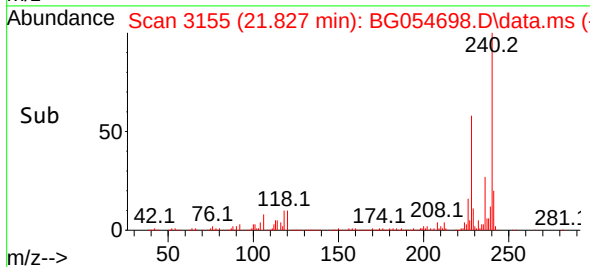
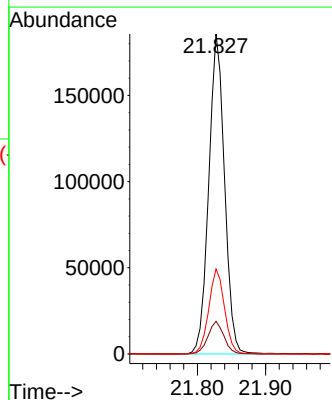
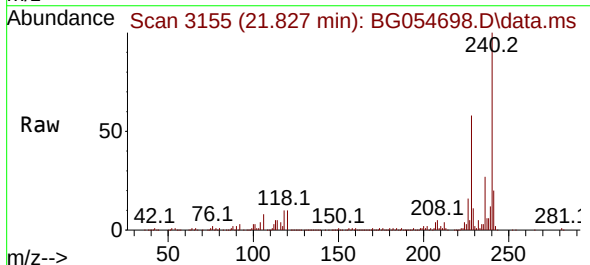
Instrument :
BNA_G
ClientSampleId :
PB147159BS

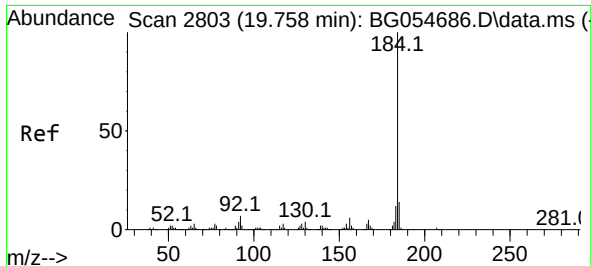
Tgt Ion:202 Resp: 916714
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.4 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:240 Resp: 299177
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 26.6 21.2 31.8

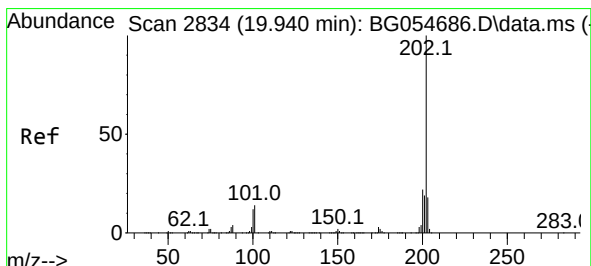
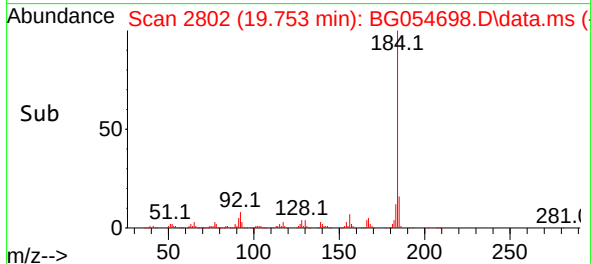
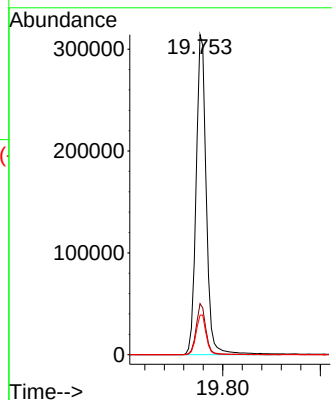
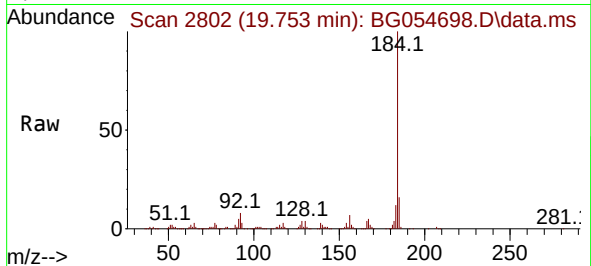




#77
Benzidine
Concen: 70.474 ng
RT: 19.753 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

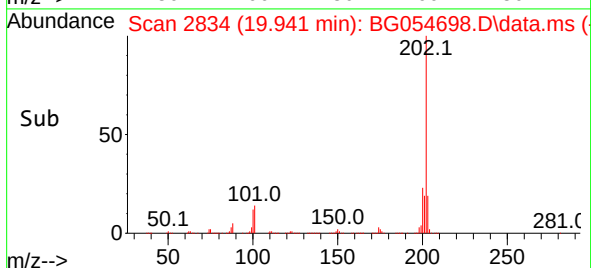
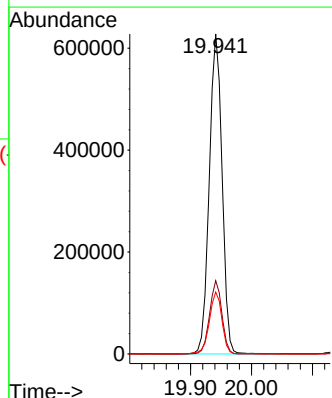
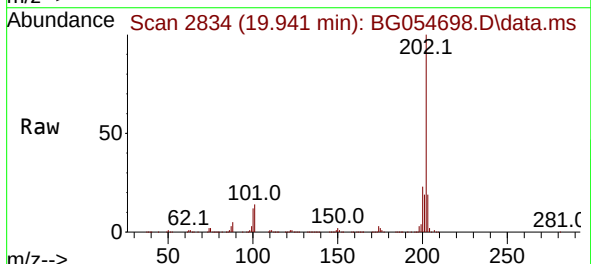
Instrument :
BNA_G
ClientSampleId :
PB147159BS

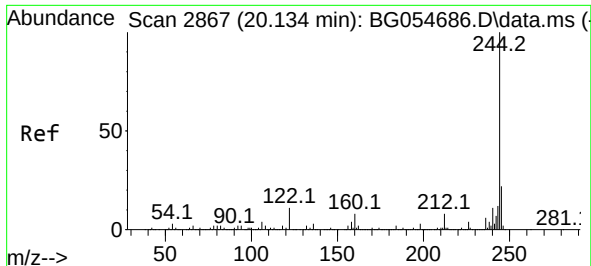
Tgt Ion:184 Resp: 457787
Ion Ratio Lower Upper
184 100
185 16.0 11.4 17.0
183 12.3 9.8 14.8



#78
Pyrene
Concen: 43.472 ng
RT: 19.941 min Scan# 2834
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:202 Resp: 917400
Ion Ratio Lower Upper
202 100
200 22.9 17.8 26.6
203 19.4 14.6 21.8

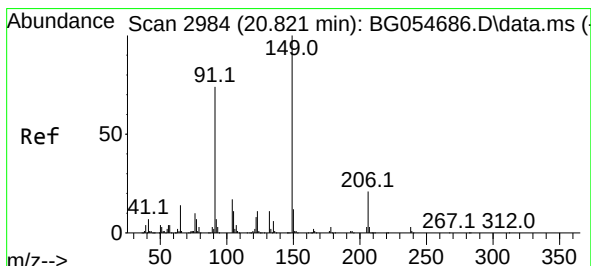
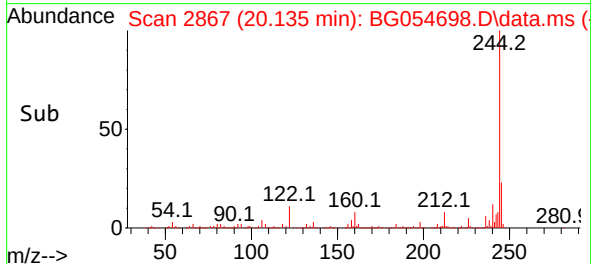
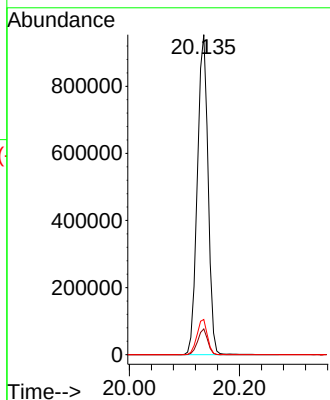
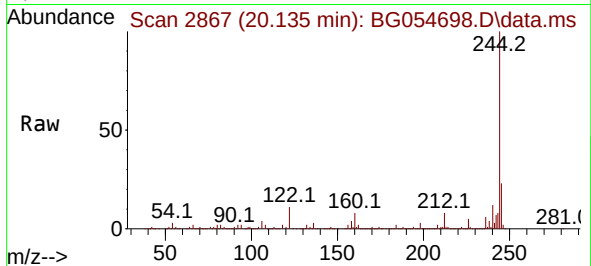




#79
 Terphenyl-d14
 Concen: 85.568 ng
 RT: 20.135 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054698.D
 Acq: 23 Aug 2022 2:35

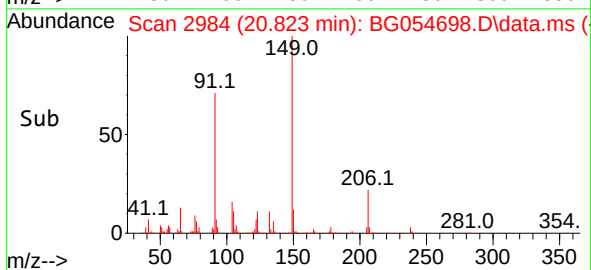
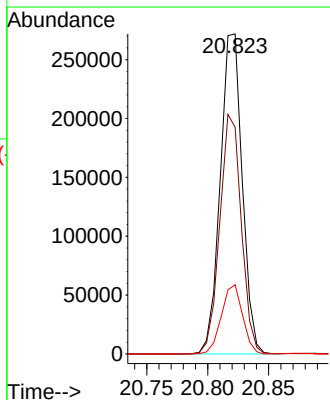
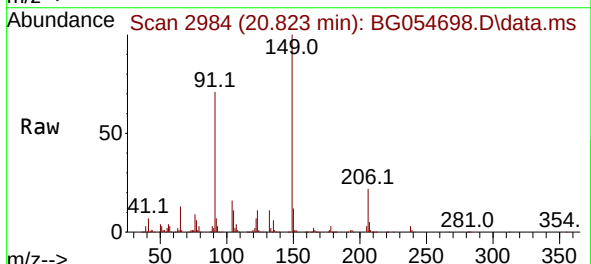
Instrument :
 BNA_G
 ClientSampleId :
 PB147159BS

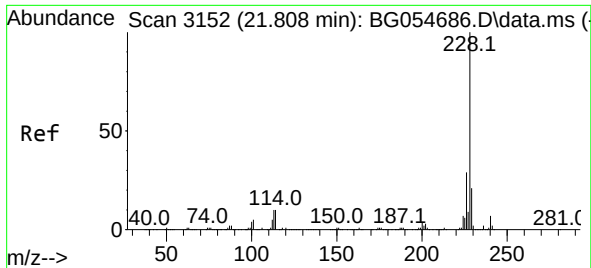
Tgt Ion:244 Resp: 1288716
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 11.0 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 49.061 ng
 RT: 20.823 min Scan# 2984
 Delta R.T. 0.002 min
 Lab File: BG054698.D
 Acq: 23 Aug 2022 2:35

Tgt Ion:149 Resp: 341263
 Ion Ratio Lower Upper
 149 100
 91 70.8 59.5 89.3
 206 21.7 16.6 25.0

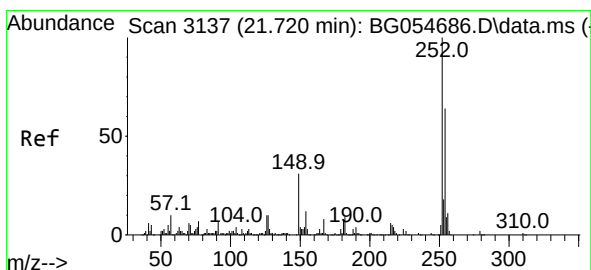
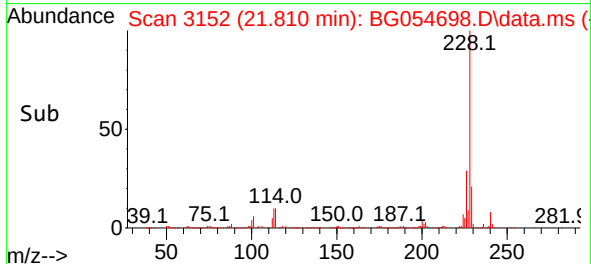
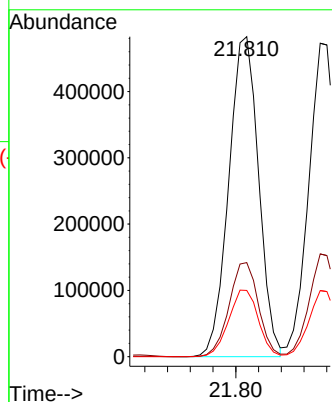
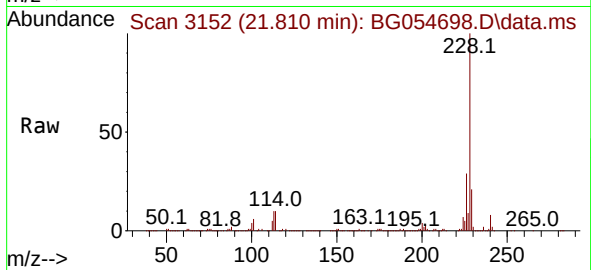




#81
Benzo(a)anthracene
Concen: 43.336 ng
RT: 21.810 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

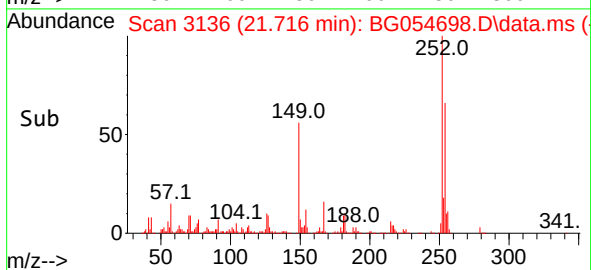
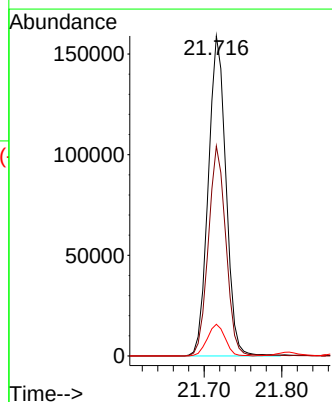
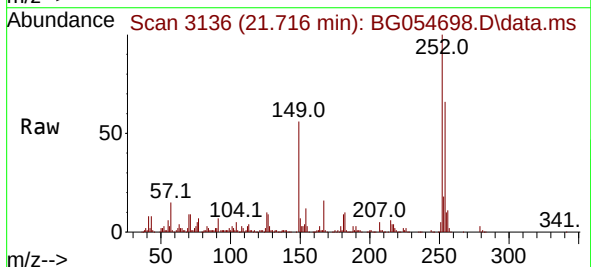
Instrument :
BNA_G
ClientSampleId :
PB147159BS

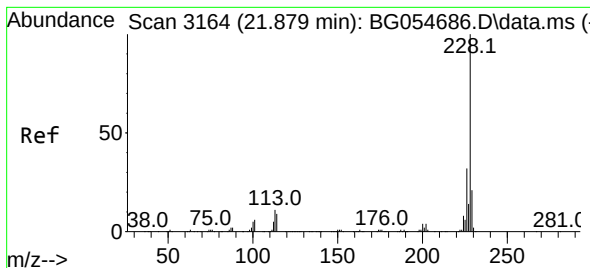
Tgt Ion:228 Resp: 880543
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 20.7 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 41.011 ng
RT: 21.716 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:252 Resp: 251806
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.2
126 9.9 8.2 12.2





#83

Chrysene

Concen: 42.562 ng

RT: 21.874 min Scan# 3164

Delta R.T. -0.005 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

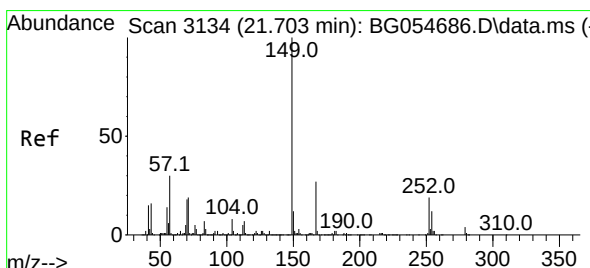
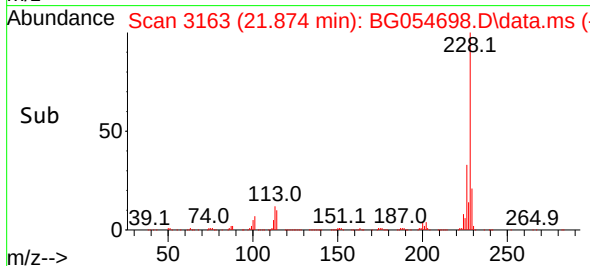
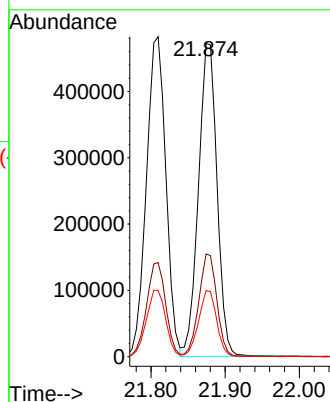
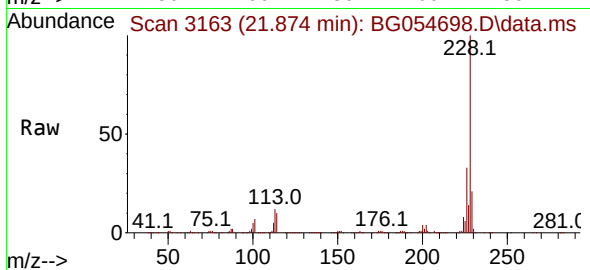
Tgt Ion:228 Resp: 823009

Ion Ratio Lower Upper

228 100

226 32.7 25.5 38.3

229 21.1 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.549 ng

RT: 21.698 min Scan# 3133

Delta R.T. -0.005 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

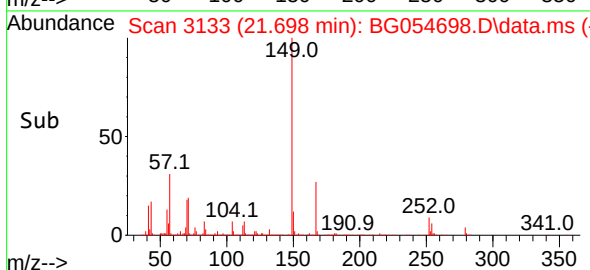
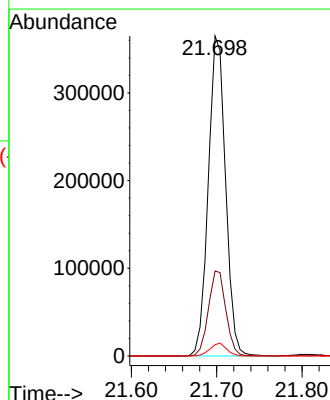
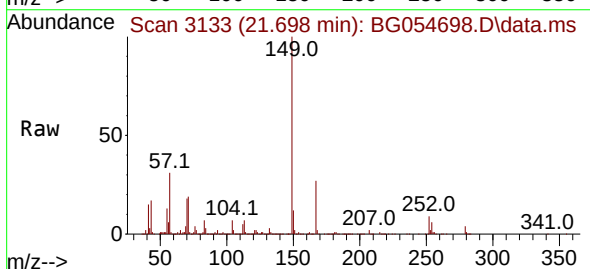
Tgt Ion:149 Resp: 512381

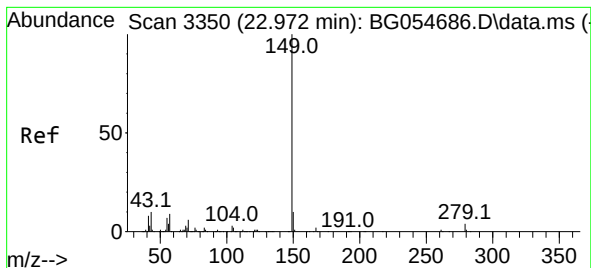
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 3.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.502 ng

RT: 22.967 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

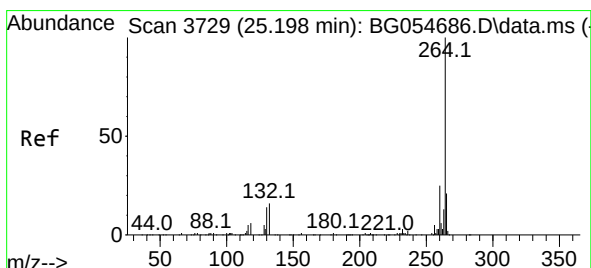
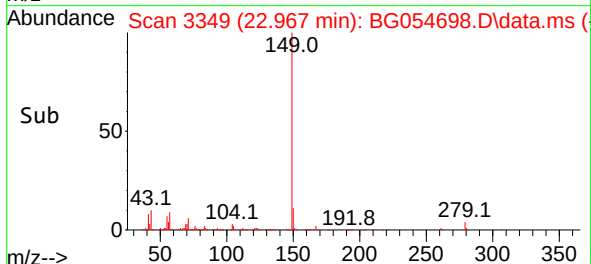
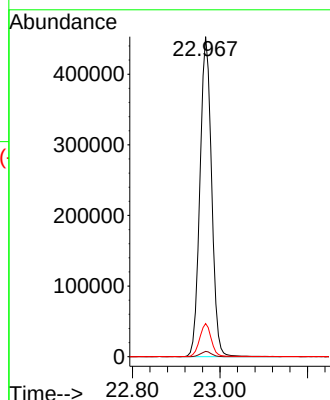
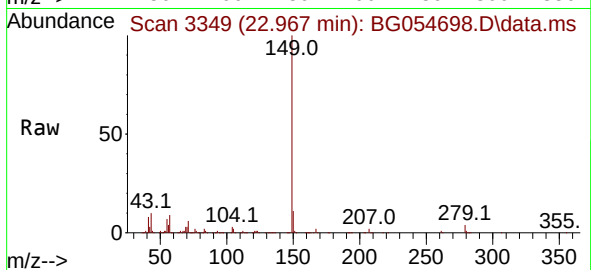
Tgt Ion:149 Resp: 838276

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.194 min Scan# 3728

Delta R.T. -0.005 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

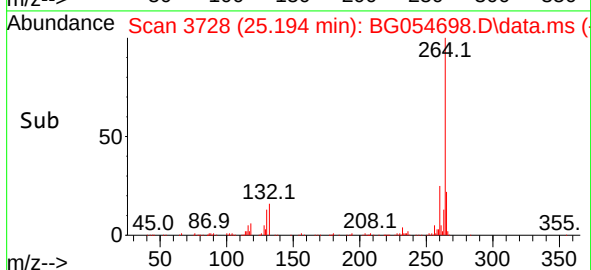
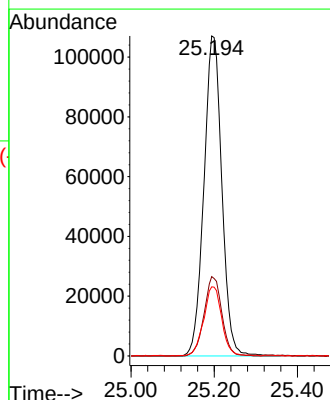
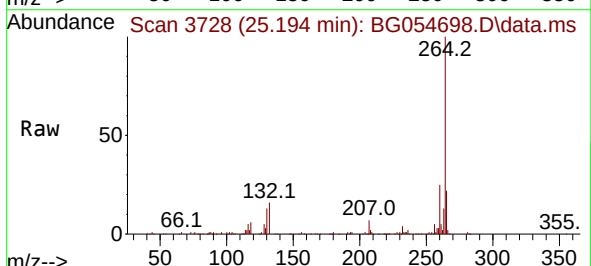
Tgt Ion:264 Resp: 320415

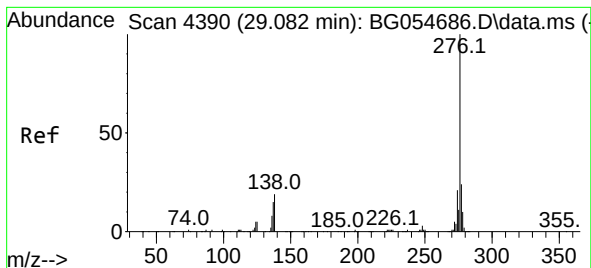
Ion Ratio Lower Upper

264 100

260 24.8 19.9 29.9

265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.475 ng

RT: 29.072 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

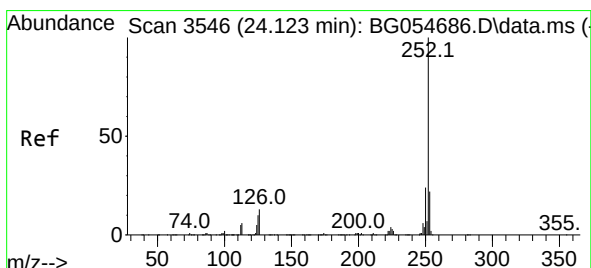
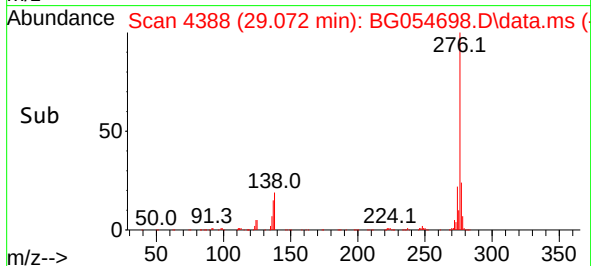
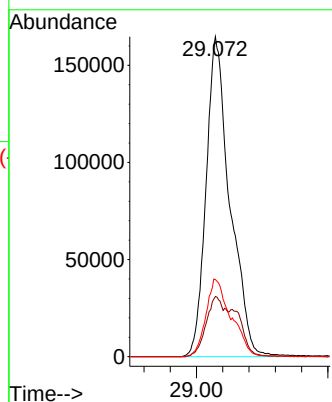
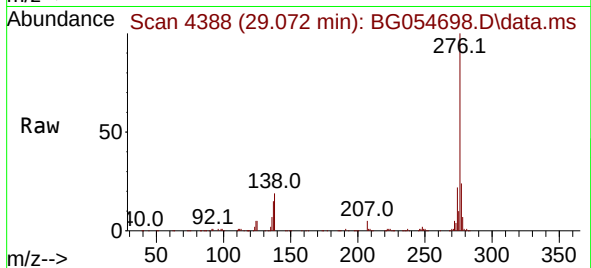
Tgt Ion:276 Resp: 1039493

Ion Ratio Lower Upper

276 100

138 15.0 12.0 18.0

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.440 ng

RT: 24.125 min Scan# 3546

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

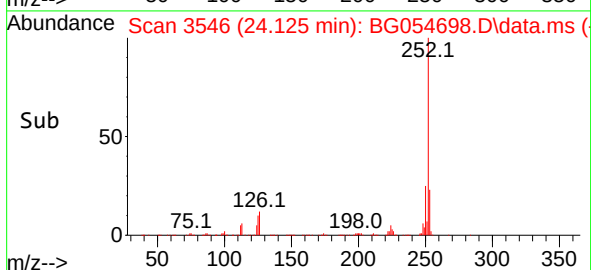
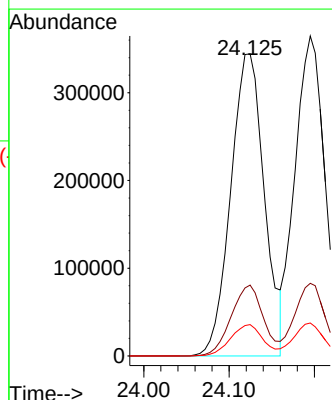
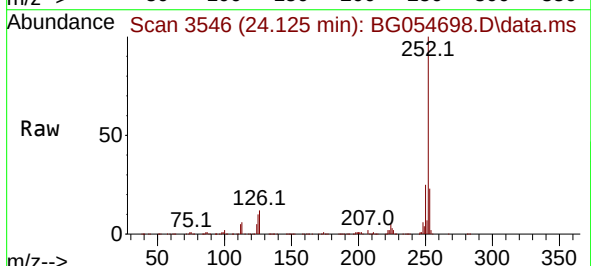
Tgt Ion:252 Resp: 943856

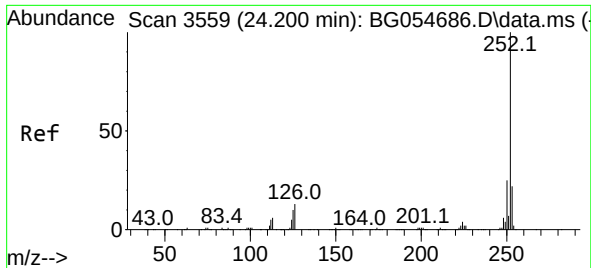
Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.528 ng

RT: 24.195 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

Instrument :

BNA_G

ClientSampleId :

PB147159BS

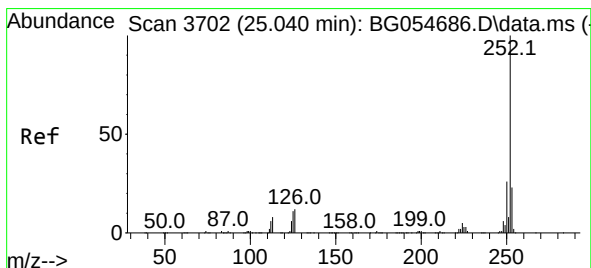
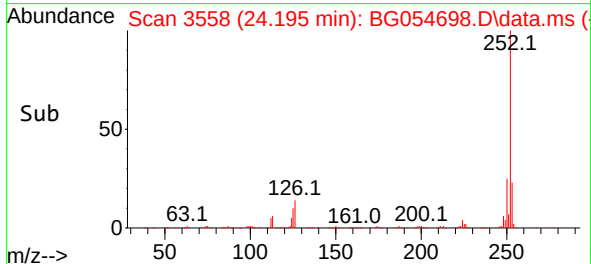
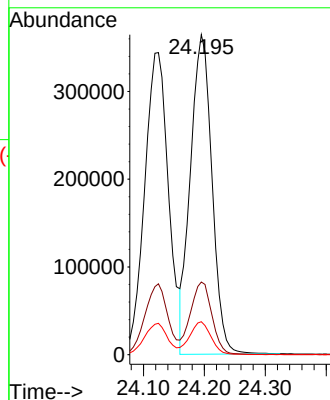
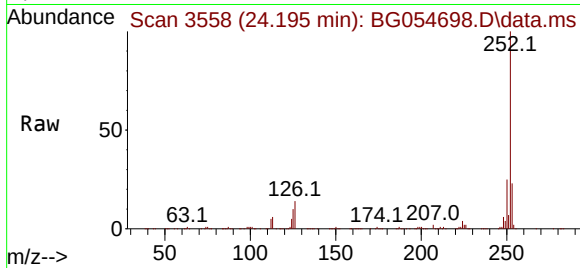
Tgt Ion:252 Resp: 893683

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 10.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 48.178 ng

RT: 25.041 min Scan# 3702

Delta R.T. 0.001 min

Lab File: BG054698.D

Acq: 23 Aug 2022 2:35

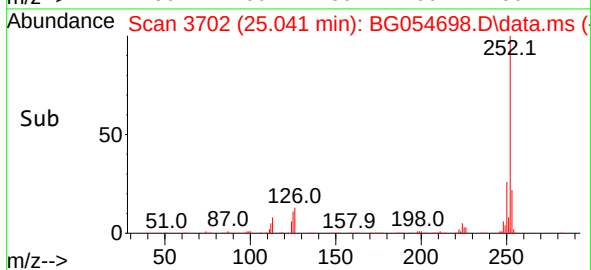
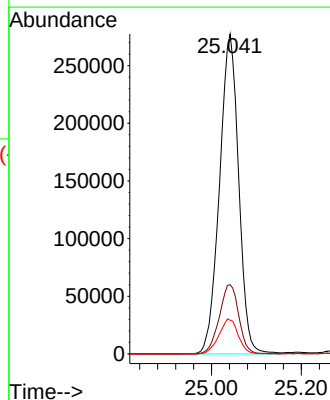
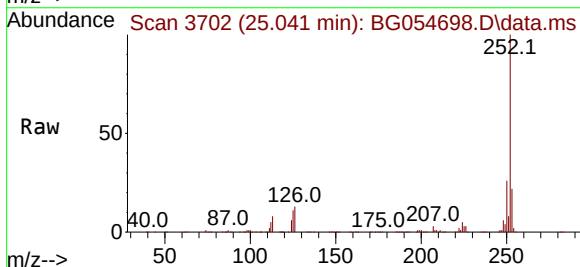
Tgt Ion:252 Resp: 822720

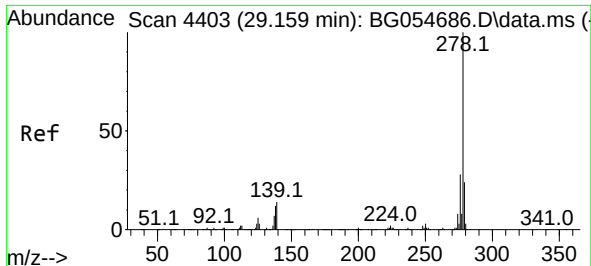
Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

125 10.5 8.8 13.2

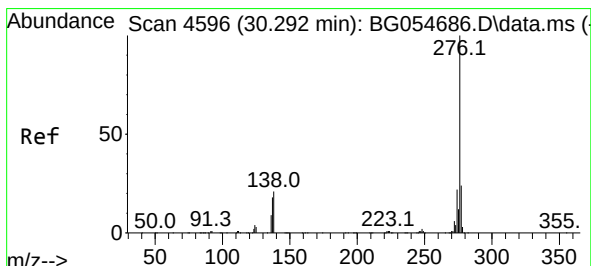
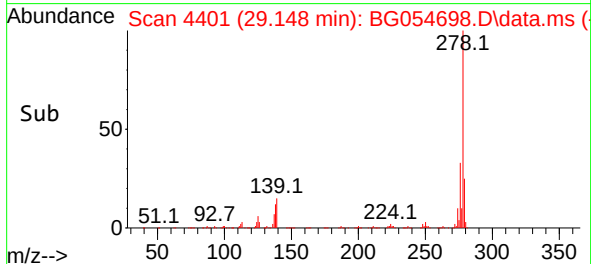
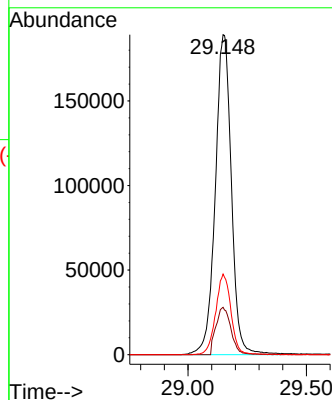
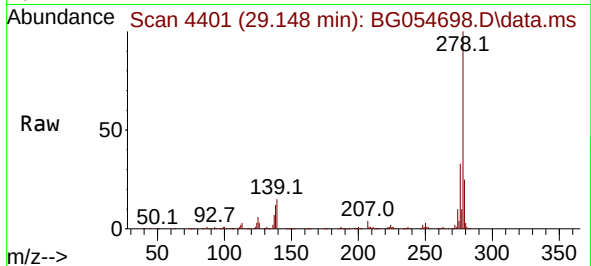




#91
Dibenzo(a,h)anthracene
Concen: 45.514 ng
RT: 29.148 min Scan# 4403
Delta R.T. -0.010 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Instrument :
BNA_G
ClientSampleId :
PB147159BS

Tgt Ion:278 Resp: 893998
Ion Ratio Lower Upper
278 100
139 14.8 11.4 17.2
279 25.2 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 45.632 ng
RT: 30.294 min Scan# 4596
Delta R.T. 0.001 min
Lab File: BG054698.D
Acq: 23 Aug 2022 2:35

Tgt Ion:276 Resp: 876245
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 20.6 16.6 25.0

