

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053698.D
 Acq On : 25 May 2022 17:52
 Operator : CG/JU
 Sample : N2923-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01MSD

Quant Time: May 26 02:52:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	22056	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	92384	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	74576	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	195602	20.000	ng	0.00
76) Chrysene-d12	21.639	240	190907	20.000	ng	0.00
86) Perylene-d12	24.841	264	197405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	133499	102.723	ng	0.00
7) Phenol-d6	7.165	99	203792	103.325	ng	0.00
23) Nitrobenzene-d5	9.150	82	134227	61.849	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	111589	101.453	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	317307	62.175	ng	0.00
79) Terphenyl-d14	19.977	244	689670	67.284	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	24356	35.719	ng	# 91
3) Pyridine	3.805	79	63415	38.081	ng	97
4) n-Nitrosodimethylamine	3.716	42	36048	44.438	ng	91
6) Aniline	7.312	93	78807	36.075	ng	99
8) 2-Chlorophenol	7.558	128	71314	52.490	ng	94
9) Benzaldehyde	7.118	77	55625	44.393	ng	97
10) Phenol	7.188	94	103652	53.733	ng	97
11) bis(2-Chloroethyl)ether	7.400	93	67006	46.575	ng	99
12) 1,3-Dichlorobenzene	7.876	146	73729	46.001	ng	97
13) 1,4-Dichlorobenzene	8.022	146	76361	47.213	ng	97
14) 1,2-Dichlorobenzene	8.340	146	73210	48.203	ng	99
15) Benzyl Alcohol	8.228	79	82740	50.177	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	107493	45.907	ng	97
17) 2-Methylphenol	8.445	107	67955	52.121	ng	96
18) Hexachloroethane	9.074	117	27397	44.607	ng	93
19) n-Nitroso-di-n-propyla...	8.792	70	65720	46.441	ng	99
20) 3+4-Methylphenols	8.768	107	93710	50.891	ng	97
22) Acetophenone	8.810	105	116673	46.145	ng	# 95
24) Nitrobenzene	9.197	77	100210	47.707	ng	98
25) Isophorone	9.720	82	183755	50.310	ng	100
26) 2-Nitrophenol	9.908	139	41671	48.981	ng	95
27) 2,4-Dimethylphenol	9.973	122	73106	57.100	ng	99
28) bis(2-Chloroethoxy)met...	10.196	93	95262	45.349	ng	99
29) 2,4-Dichlorophenol	10.454	162	80667	52.204	ng	94
30) 1,2,4-Trichlorobenzene	10.666	180	80261	45.715	ng	98
31) Naphthalene	10.848	128	221546	47.144	ng	98
32) Benzoic acid	10.155	122	31084	40.459	ng	93
33) 4-Chloroaniline	10.960	127	52202	26.525	ng	97
34) Hexachlorobutadiene	11.136	225	58229	44.727	ng	97
35) Caprolactam	11.741	113	16718	29.772	ng	96
36) 4-Chloro-3-methylphenol	12.093	107	95415	51.621	ng	96
37) 2-Methylnaphthalene	12.452	142	163643	46.662	ng	100
38) 1-Methylnaphthalene	12.675	142	155395	45.415	ng	97
40) 1,2,4,5-Tetrachloroben...	12.828	216	106253	45.200	ng	98
41) Hexachlorocyclopentadiene	12.804	237	82267	85.264	ng	96
43) 2,4,6-Trichlorophenol	13.069	196	74108	48.296	ng	93

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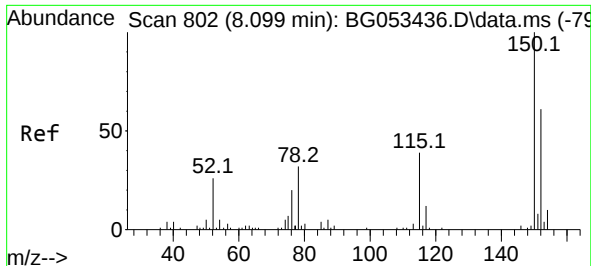
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.151	196	81734	50.048	ng	97
46) 1,1'-Biphenyl	13.456	154	229796	45.205	ng	98
47) 2-Chloronaphthalene	13.503	162	180259	45.260	ng	99
48) 2-Nitroaniline	13.709	65	73614	49.604	ng	96
49) Acenaphthylene	14.349	152	310496	48.856	ng	99
50) Dimethylphthalate	14.079	163	260549	45.976	ng	99
51) 2,6-Dinitrotoluene	14.202	165	55098	47.722	ng	96
52) Acenaphthene	14.690	154	174639	46.110	ng	96
53) 3-Nitroaniline	14.537	138	39786	31.893	ng	94
54) 2,4-Dinitrophenol	14.754	184	64944	87.942	ng	96
55) Dibenzofuran	15.025	168	305533	44.911	ng	100
56) 4-Nitrophenol	14.866	139	90016	101.026	ng	96
57) 2,4-Dinitrotoluene	14.995	165	83505	49.897	ng	92
58) Fluorene	15.671	166	254620	46.639	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.260	232	79306	47.862	ng	96
60) Diethylphthalate	15.436	149	274312	46.860	ng	99
61) 4-Chlorophenyl-phenyle...	15.659	204	140419	46.094	ng	99
62) 4-Nitroaniline	15.700	138	62656	48.424	ng	92
63) Azobenzene	15.953	77	274195	45.742	ng	99
65) 4,6-Dinitro-2-methylph...	15.765	198	53403	45.818	ng	98
66) n-Nitrosodiphenylamine	15.876	169	233069	45.383	ng	98
67) 4-Bromophenyl-phenylether	16.552	248	100778	44.116	ng	95
68) Hexachlorobenzene	16.687	284	113979	45.558	ng	98
69) Atrazine	16.822	200	103610	47.924	ng	98
70) Pentachlorophenol	17.034	266	109459	81.169	ng	93
71) Phenanthrene	17.416	178	453805	45.627	ng	97
72) Anthracene	17.504	178	461366	47.193	ng	98
73) Carbazole	17.774	167	431724	45.060	ng	99
74) Di-n-butylphthalate	18.326	149	498641	46.275	ng	98
75) Fluoranthene	19.425	202	582148	45.204	ng	98
77) Benzidine	19.601	184	251219	61.053	ng	98
78) Pyrene	19.789	202	580898	47.004	ng	100
80) Butylbenzylphthalate	20.664	149	218849	48.292	ng	99
81) Benzo(a)anthracene	21.616	228	567847	46.635	ng	99
82) 3,3'-Dichlorobenzidine	21.528	252	124315	40.260	ng	96
83) Chrysene	21.686	228	519734	45.702	ng	98
84) Bis(2-ethylhexyl)phtha...	21.510	149	308357	49.299	ng	97
85) Di-n-octyl phthalate	22.708	149	512535	48.458	ng	99
87) Indeno(1,2,3-cd)pyrene	28.524	276	621128	45.177	ng #	55
88) Benzo(b)fluoranthene	23.825	252	588421	50.358	ng	99
89) Benzo(k)fluoranthene	23.889	252	541915	47.196	ng	100
90) Benzo(a)pyrene	24.694	252	547839	55.084	ng #	99
91) Dibenzo(a,h)anthracene	28.565	278	544917	48.099	ng	100
92) Benzo(g,h,i)perylene	29.658	276	528223	47.038	ng	97

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

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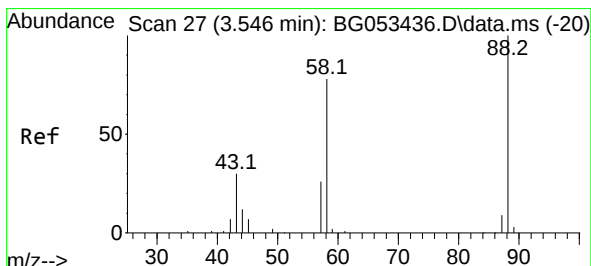
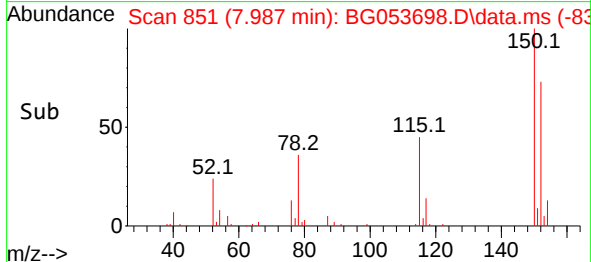
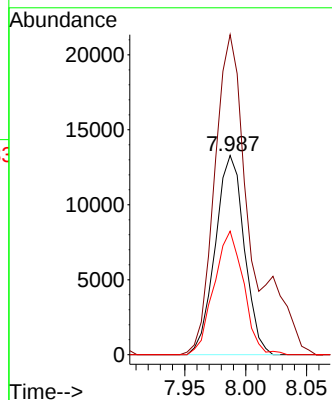
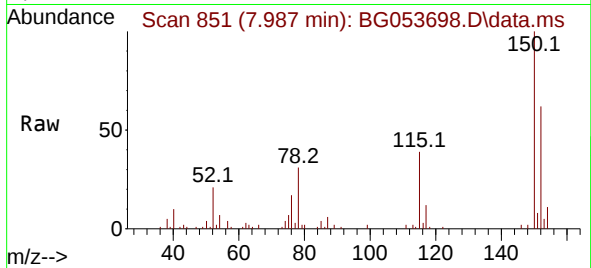
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053698.D
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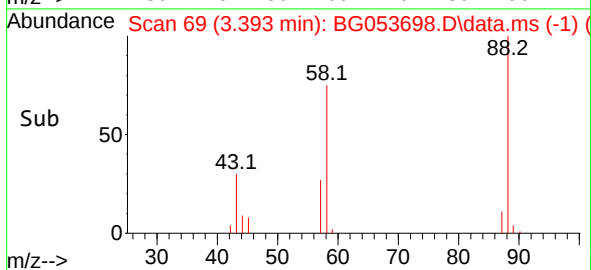
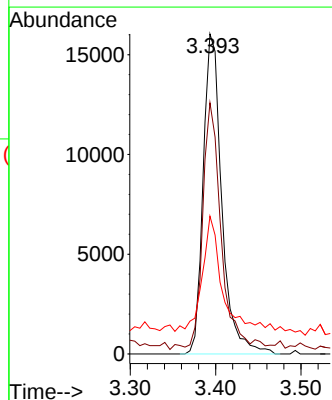
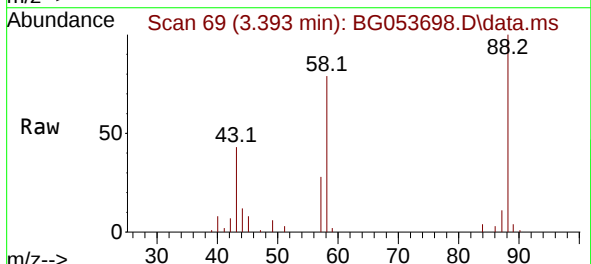
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BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

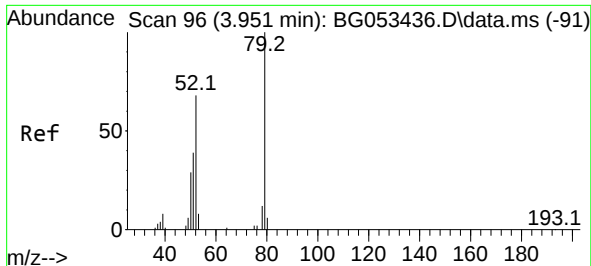
Tgt Ion:152 Resp: 22056
Ion Ratio Lower Upper
152 100
150 160.7 131.6 197.4
115 62.0 50.9 76.3



#2
1,4-Dioxane
Concen: 35.719 ng
RT: 3.393 min Scan# 69
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 88 Resp: 24356
Ion Ratio Lower Upper
88 100
58 73.7 59.2 88.8
43 45.9 24.3 36.5#





#3

Pyridine

Concen: 38.081 ng

RT: 3.805 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG053698.D

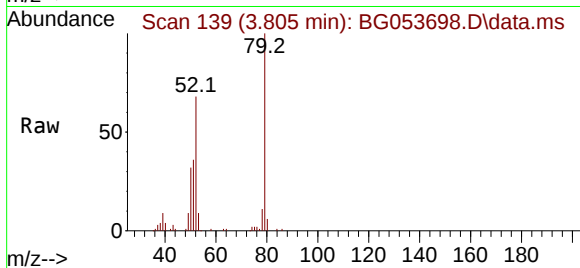
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Instrument :

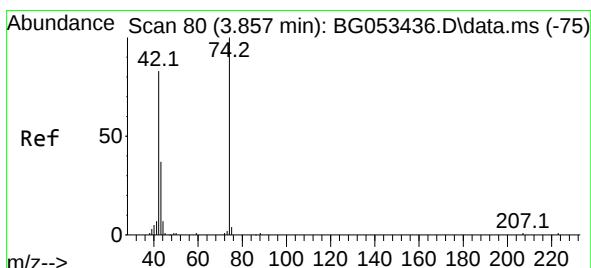
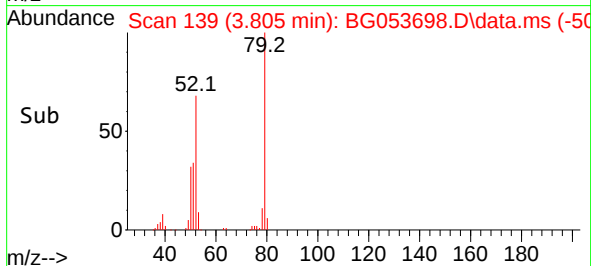
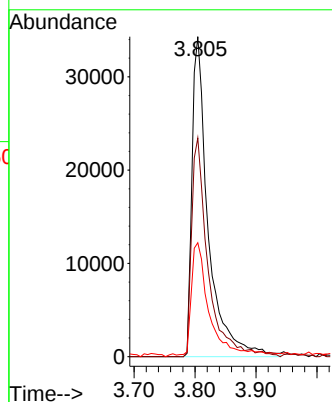
BNA_G

ClientSampleId :

P024-SS007-0006-01MSD



Tgt Ion: 79	Resp: 63415
Ion Ratio	Lower Upper
79	100
52	68.4 54.6 81.8
51	35.6 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 44.438 ng

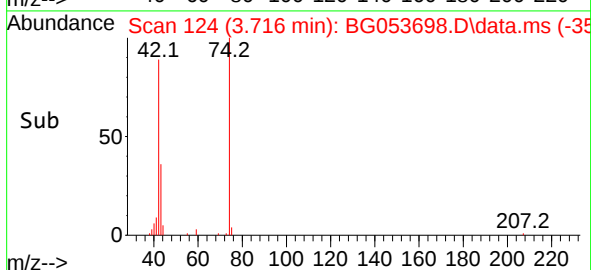
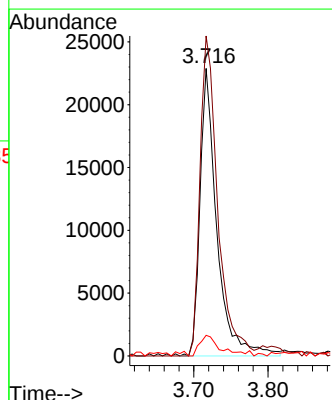
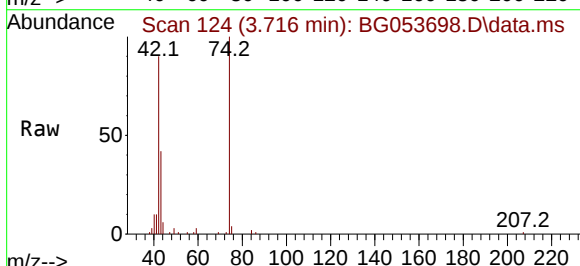
RT: 3.716 min Scan# 124

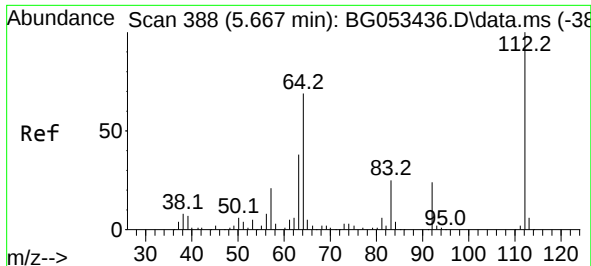
Delta R.T. -0.005 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Tgt Ion: 42	Resp: 36048
Ion Ratio	Lower Upper
42	100
74	111.3 97.0 145.4
44	7.2 7.0 10.4

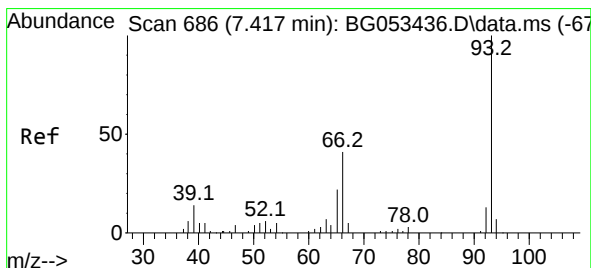
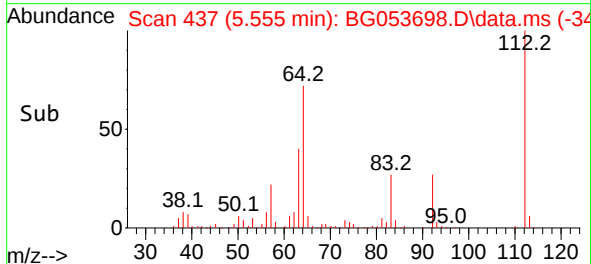
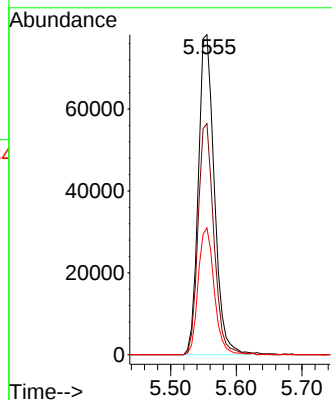
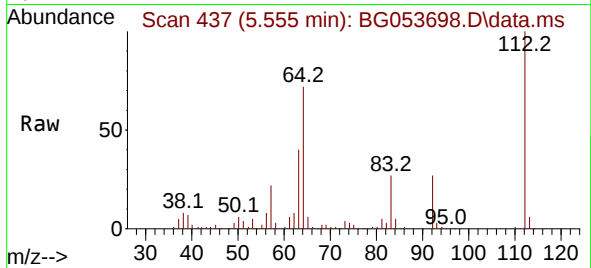




#5
2-Fluorophenol
Concen: 102.723 ng
RT: 5.555 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

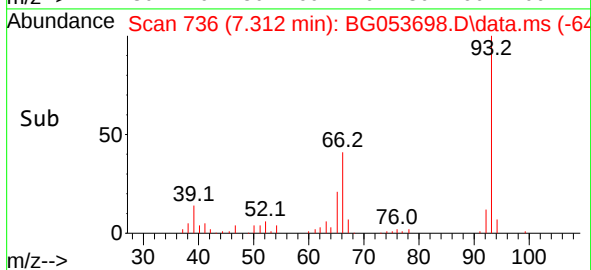
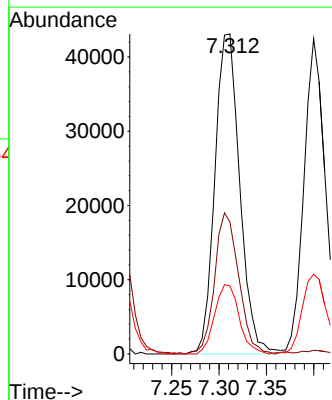
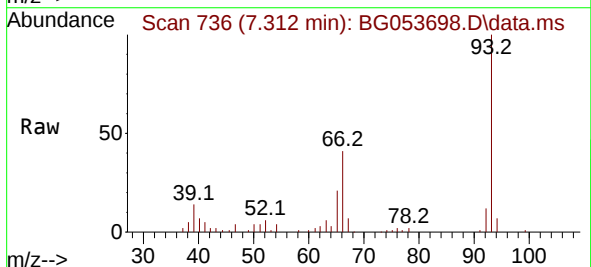
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Tgt Ion:112 Resp: 133499
Ion Ratio Lower Upper
112 100
64 72.2 55.1 82.7
63 39.7 30.4 45.6



#6
Aniline
Concen: 36.075 ng
RT: 7.312 min Scan# 736
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 93 Resp: 78807
Ion Ratio Lower Upper
93 100
66 41.1 32.9 49.3
65 21.2 17.8 26.8

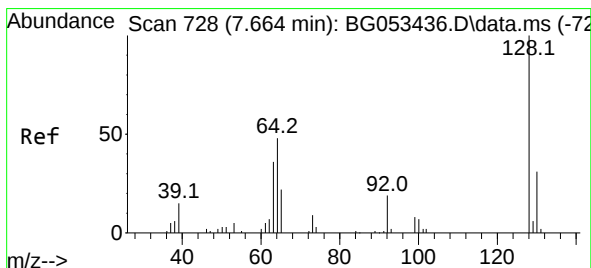
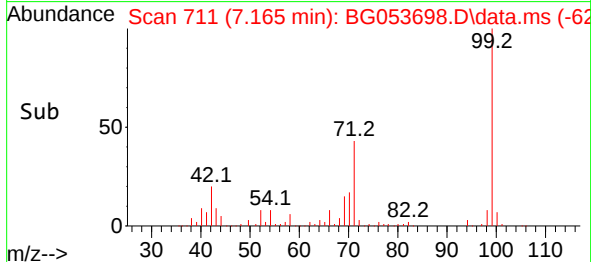
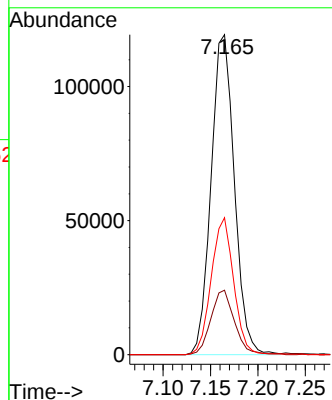
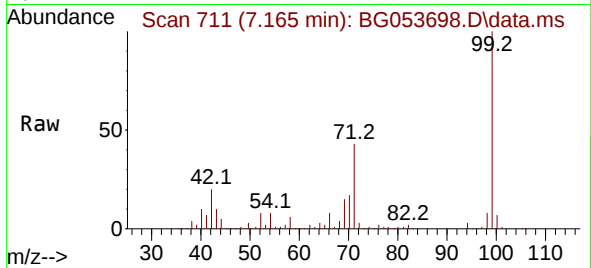




#7
Phenol-d6
Concen: 103.325 ng
RT: 7.165 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

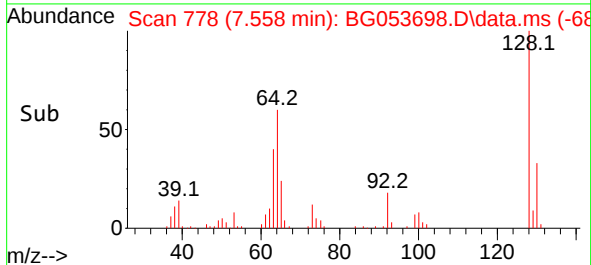
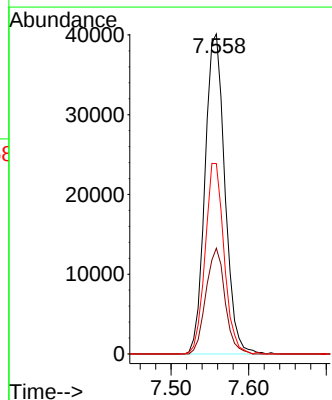
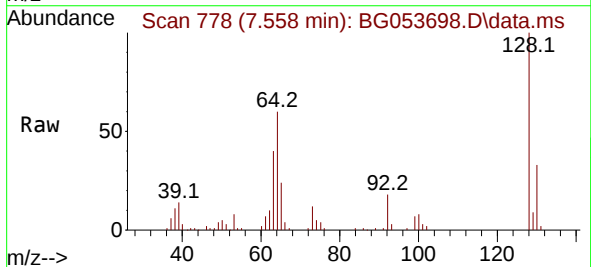
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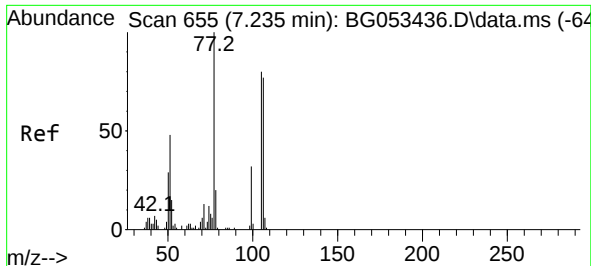
Tgt Ion: 99 Resp: 203792
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 42.8 33.8 50.8



#8
2-Chlorophenol
Concen: 52.490 ng
RT: 7.558 min Scan# 778
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 128 Resp: 71314
Ion Ratio Lower Upper
128 100
130 33.1 10.5 50.5
64 59.5 35.1 75.1

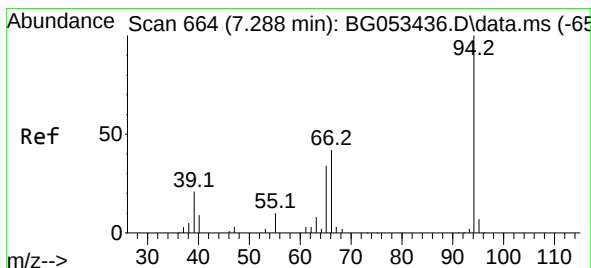
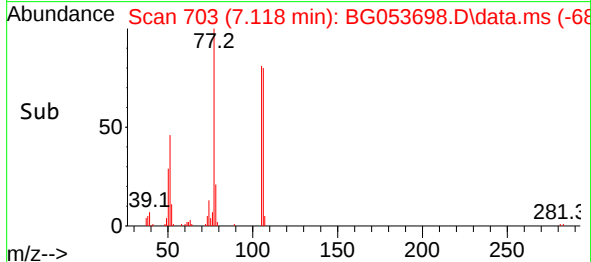
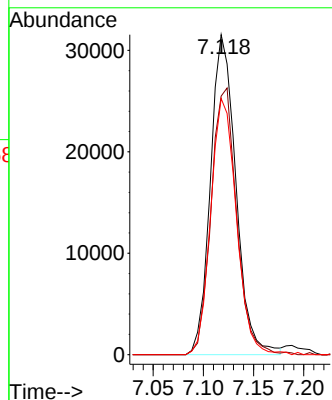
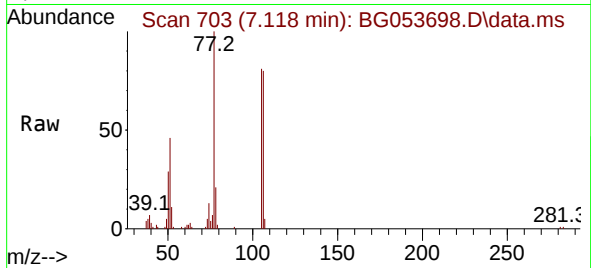




#9
Benzaldehyde
Concen: 44.393 ng
RT: 7.118 min Scan# 703
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

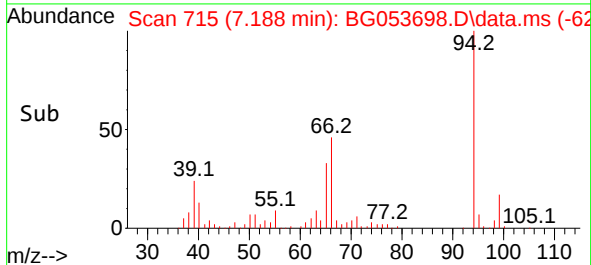
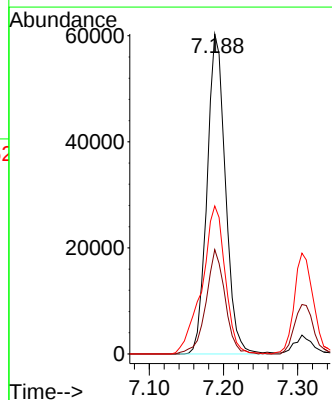
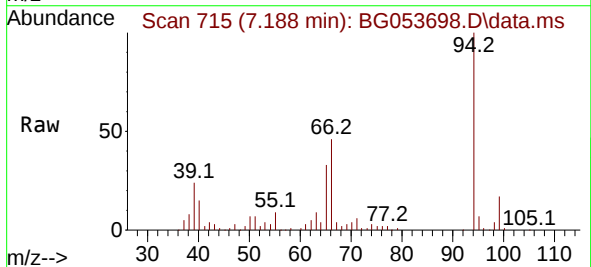
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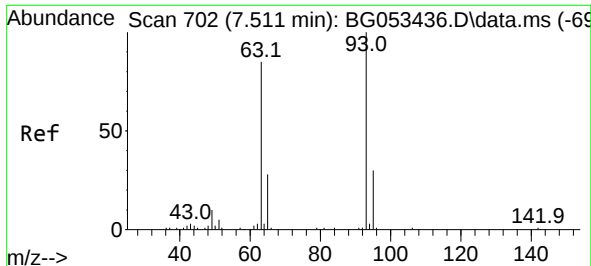
Tgt Ion: 77 Resp: 55625
Ion Ratio Lower Upper
77 100
105 80.8 59.6 99.6
106 80.0 56.8 96.8



#10
Phenol
Concen: 53.733 ng
RT: 7.188 min Scan# 715
Delta R.T. 0.001 min
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Tgt Ion: 94 Resp: 103652
Ion Ratio Lower Upper
94 100
65 32.6 14.8 54.8
66 46.2 25.2 65.2

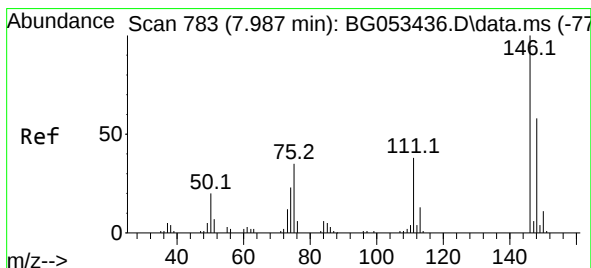
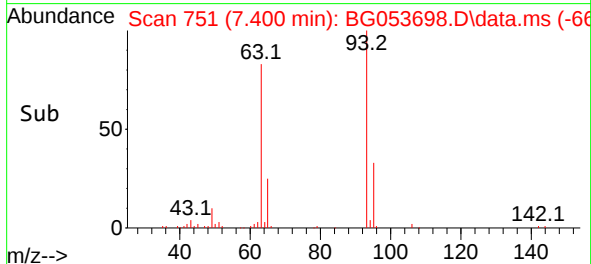
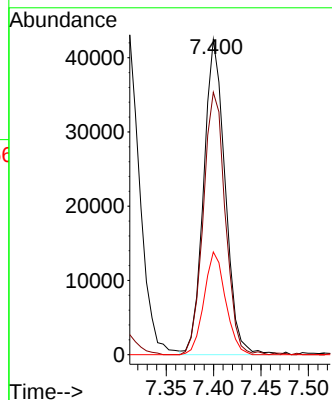
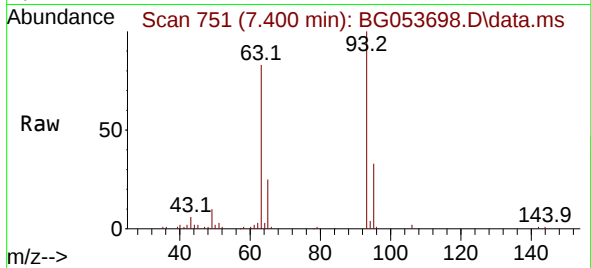




#11
bis(2-Chloroethyl)ether
Concen: 46.575 ng
RT: 7.400 min Scan# 702
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

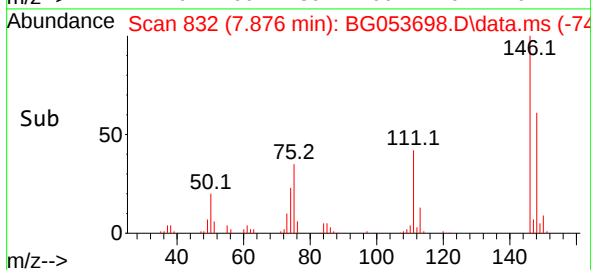
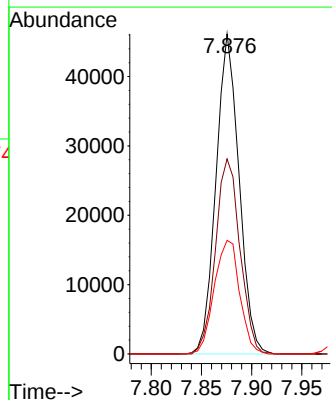
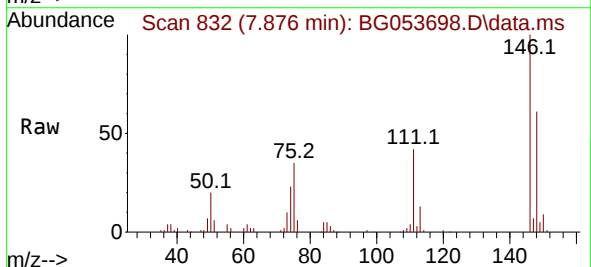
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

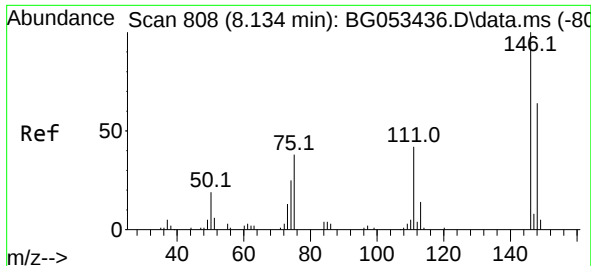
Tgt Ion: 93 Resp: 67006
Ion Ratio Lower Upper
93 100
63 83.3 63.6 103.6
95 32.6 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 46.001 ng
RT: 7.876 min Scan# 832
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:146 Resp: 73729
Ion Ratio Lower Upper
146 100
148 61.0 46.1 69.1
75 35.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.213 ng

RT: 8.022 min Scan# 811

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

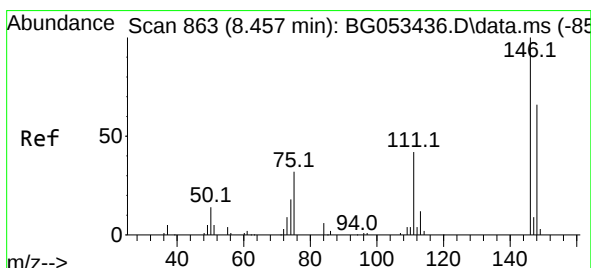
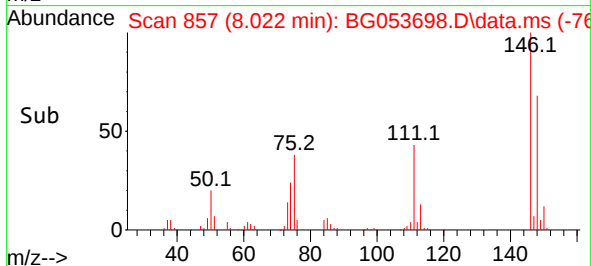
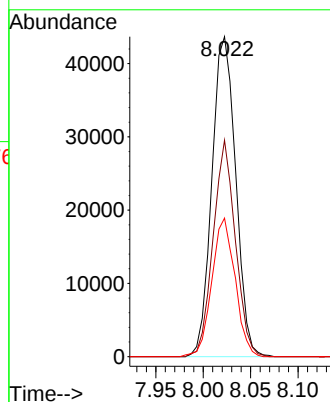
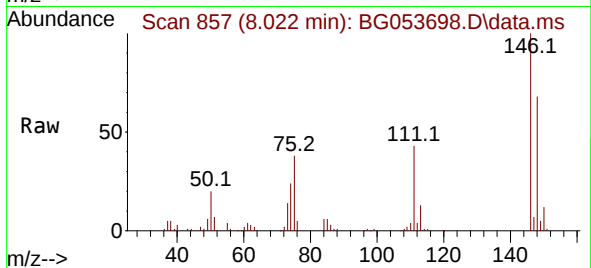
Tgt Ion:146 Resp: 76361

Ion Ratio Lower Upper

146 100

148 67.6 51.5 77.3

111 43.3 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 48.203 ng

RT: 8.340 min Scan# 911

Delta R.T. -0.005 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

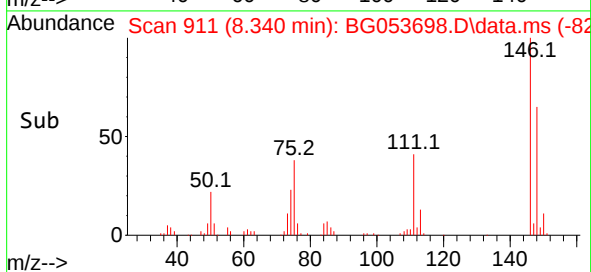
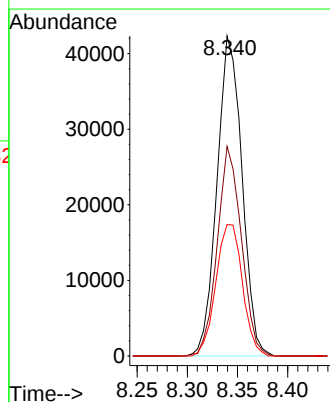
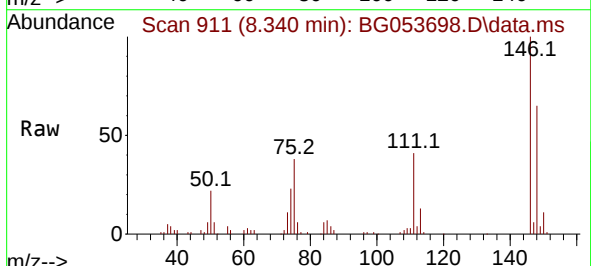
Tgt Ion:146 Resp: 73210

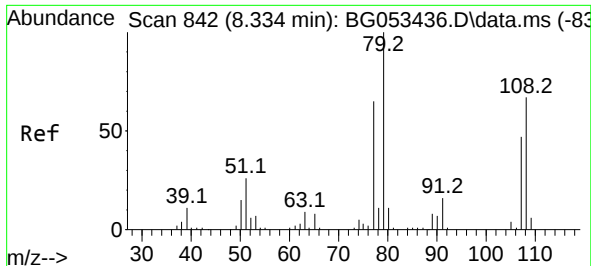
Ion Ratio Lower Upper

146 100

148 65.5 52.6 78.8

111 41.1 34.5 51.7

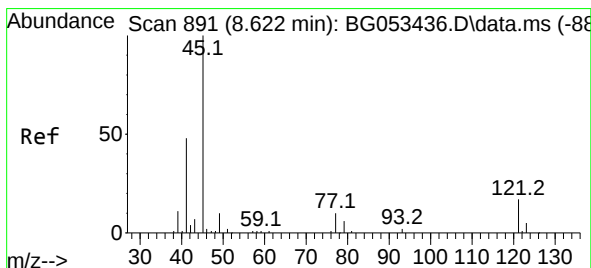
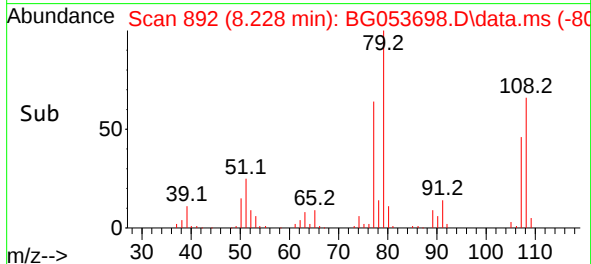
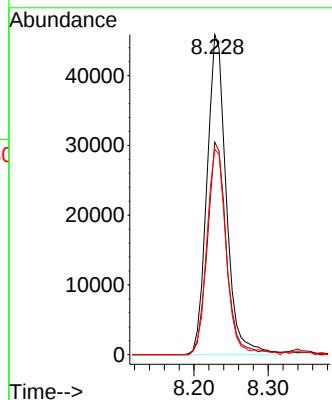
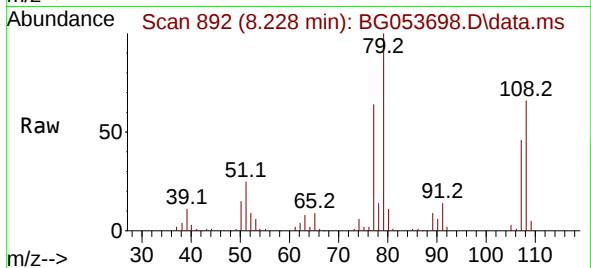




#15
Benzyl Alcohol
Concen: 50.177 ng
RT: 8.228 min Scan# 842
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

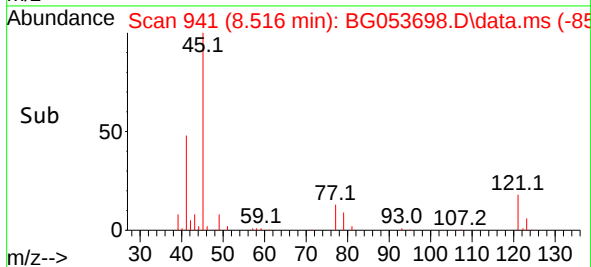
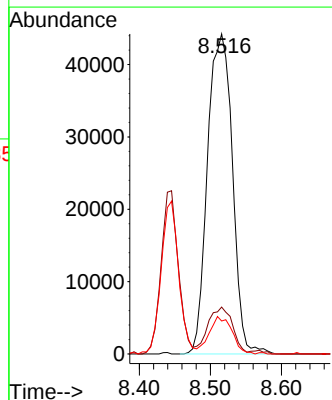
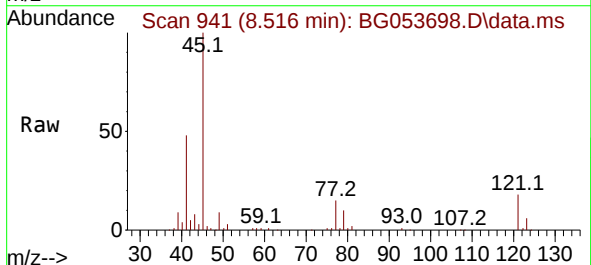
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

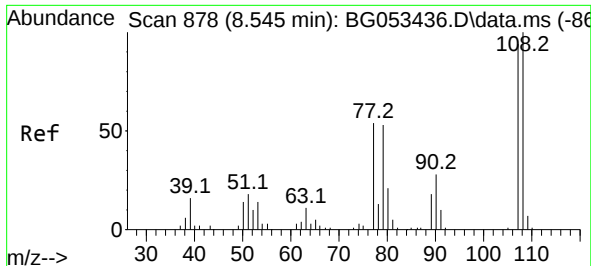
Tgt Ion: 79 Resp: 82740
Ion Ratio Lower Upper
79 100
108 66.4 53.7 80.5
77 64.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.907 ng
RT: 8.516 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 45 Resp: 107493
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.7
79 10.3 0.0 29.7

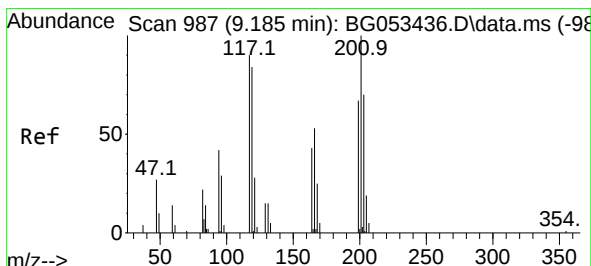
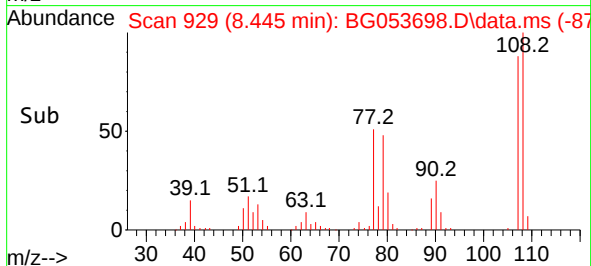
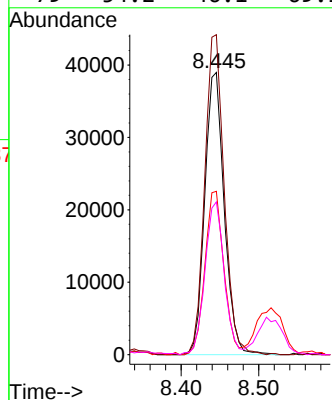
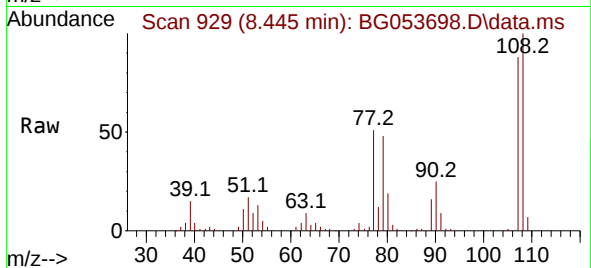




#17
2-Methylphenol
Concen: 52.121 ng
RT: 8.445 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

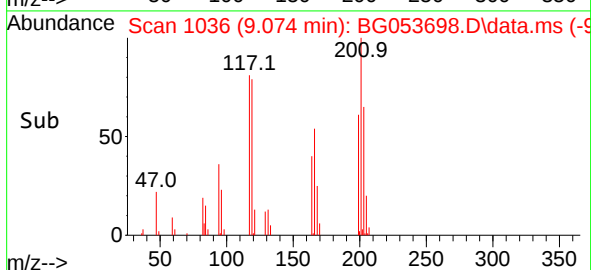
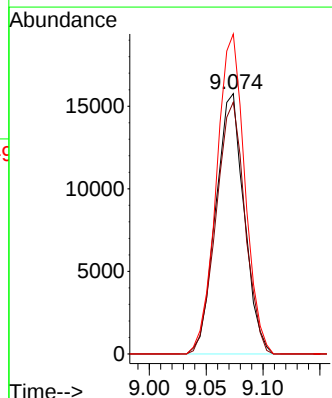
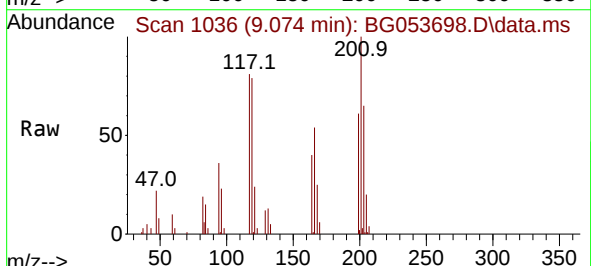
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

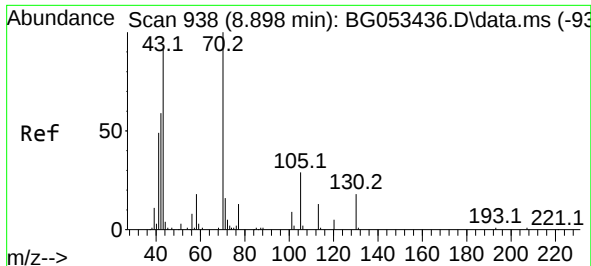
Tgt Ion:	107	Resp:	67955
Ion	Ratio	Lower	Upper
107	100		
108	113.4	85.4	128.0
77	57.9	46.2	69.2
79	54.2	46.1	69.1



#18
Hexachloroethane
Concen: 44.607 ng
RT: 9.074 min Scan# 1036
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:	117	Resp:	27397
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.0	112.6
201	123.0	89.0	133.6

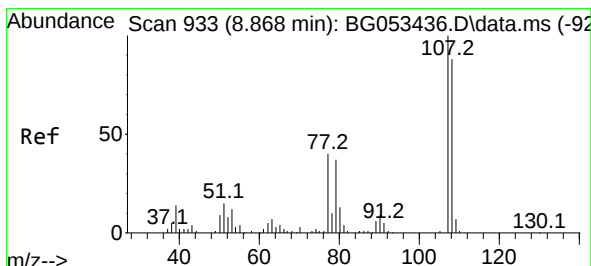
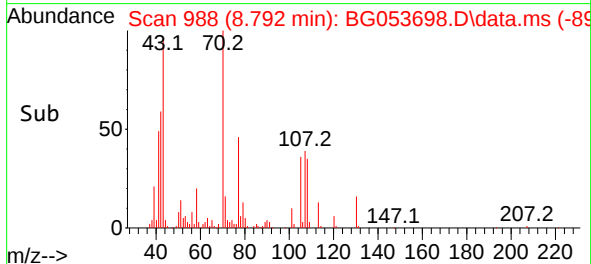
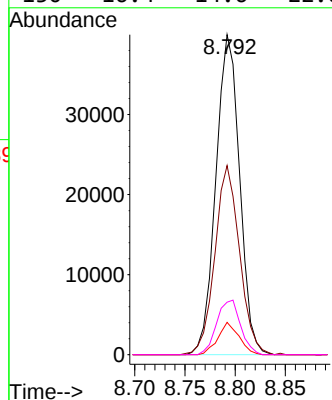
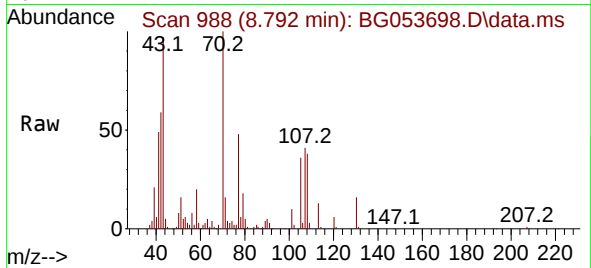




#19
n-Nitroso-di-n-propylamine
Concen: 46.441 ng
RT: 8.792 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

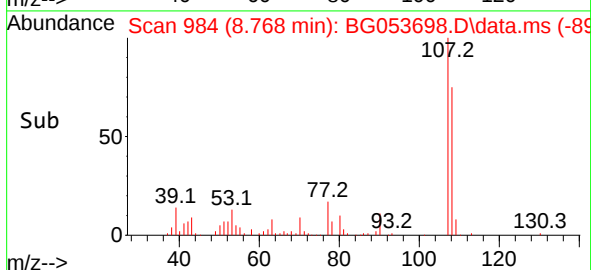
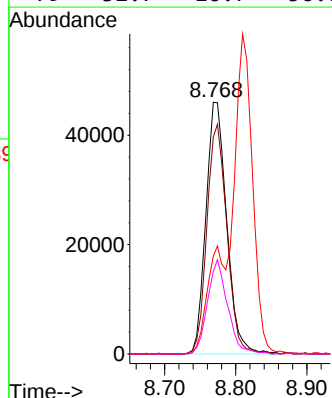
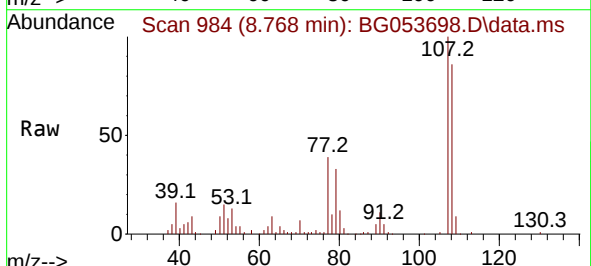
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

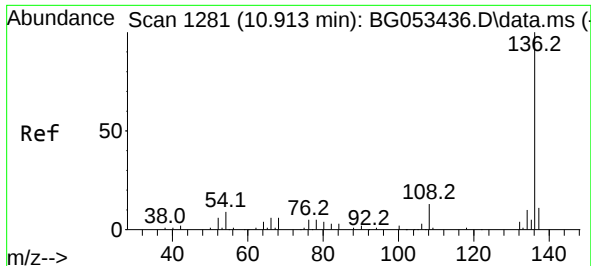
Tgt Ion: 70 Resp: 65720
Ion Ratio Lower Upper
70 100
42 59.1 47.3 70.9
101 10.1 7.0 10.4
130 16.4 14.6 22.0



#20
3+4-Methylphenols
Concen: 50.891 ng
RT: 8.768 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 107 Resp: 93710
Ion Ratio Lower Upper
107 100
108 86.1 67.5 107.5
77 38.9 20.3 60.3
79 32.7 16.7 56.7

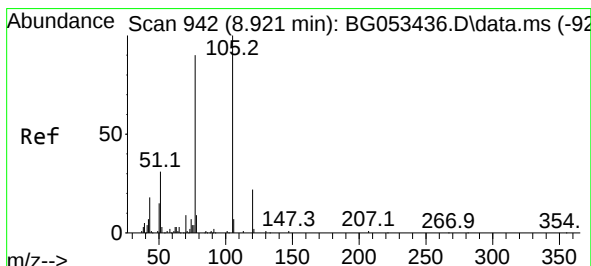
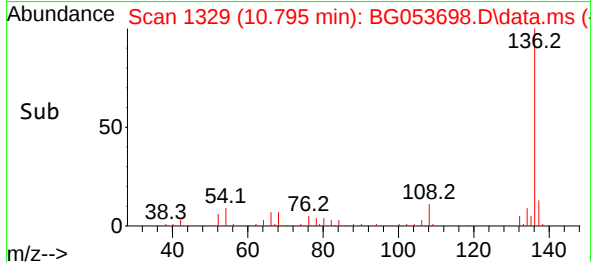
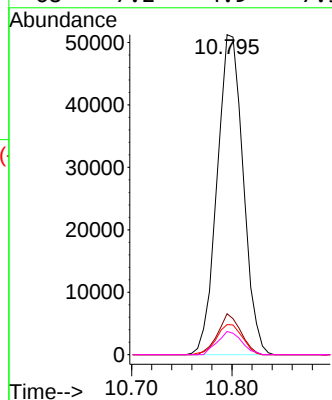
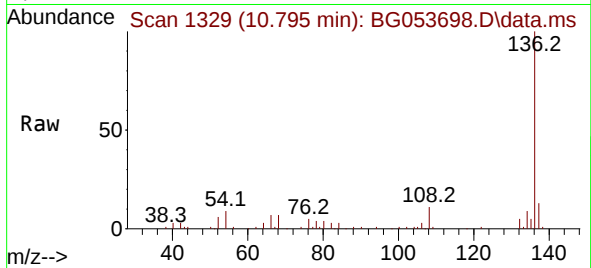




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

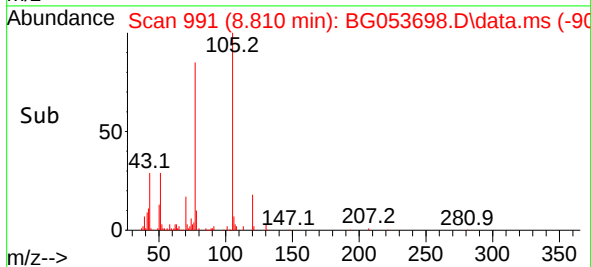
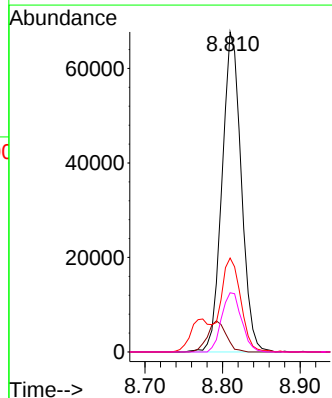
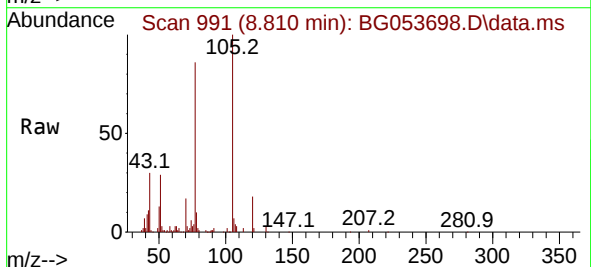
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

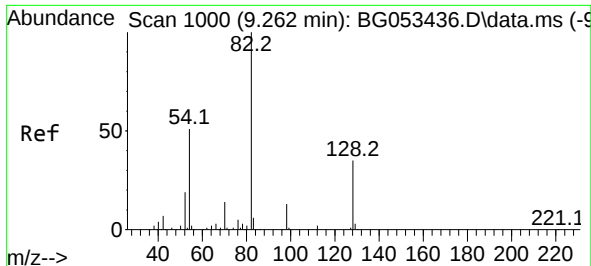
Tgt Ion:136 Resp: 92384
Ion Ratio Lower Upper
136 100
137 12.8 8.5 12.7#
54 9.4 7.4 11.2
68 7.2 4.9 7.3



#22
Acetophenone
Concen: 46.145 ng
RT: 8.810 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:105 Resp: 116673
Ion Ratio Lower Upper
105 100
71 3.1 1.1 1.7#
51 29.4 25.4 38.0
120 18.5 17.3 25.9

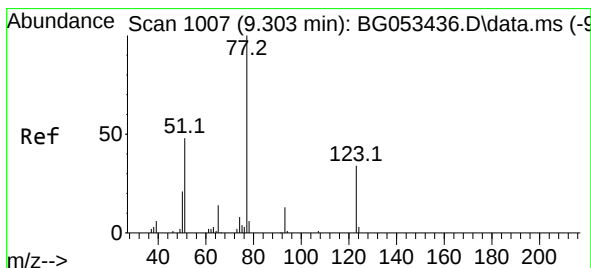
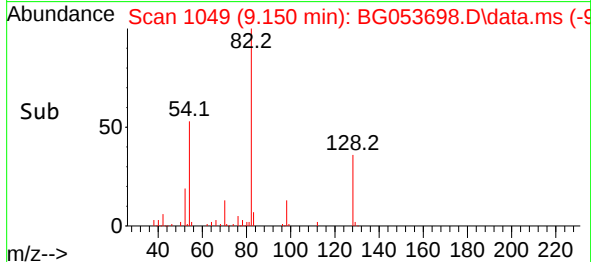
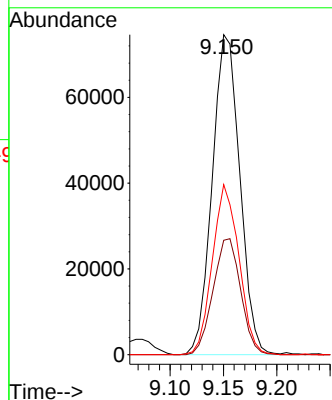
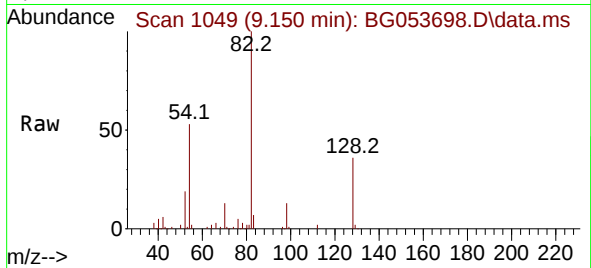




#23
Nitrobenzene-d5
Concen: 61.849 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

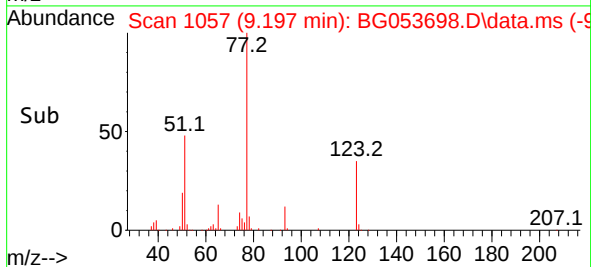
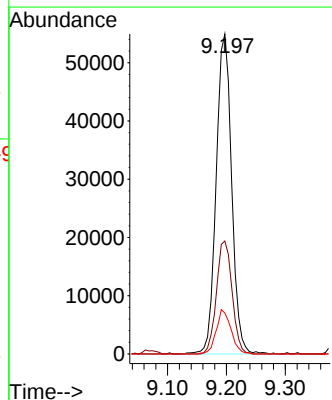
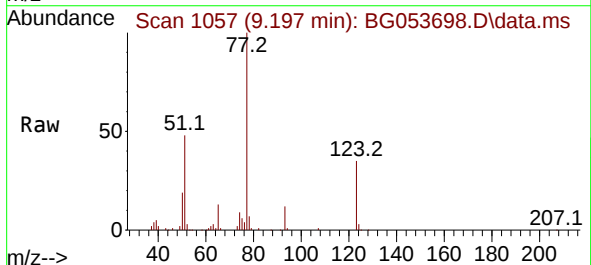
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

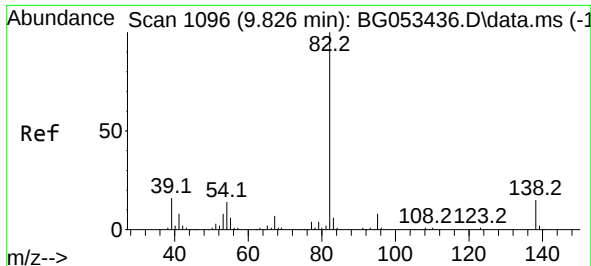
Tgt Ion: 82 Resp: 134227
Ion Ratio Lower Upper
82 100
128 35.7 27.9 41.9
54 53.1 41.2 61.8



#24
Nitrobenzene
Concen: 47.707 ng
RT: 9.197 min Scan# 1057
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 77 Resp: 100210
Ion Ratio Lower Upper
77 100
123 35.3 27.4 41.0
65 12.8 11.4 17.0

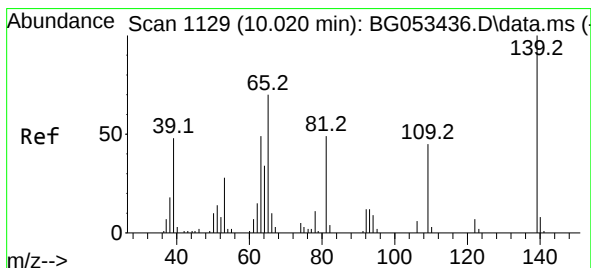
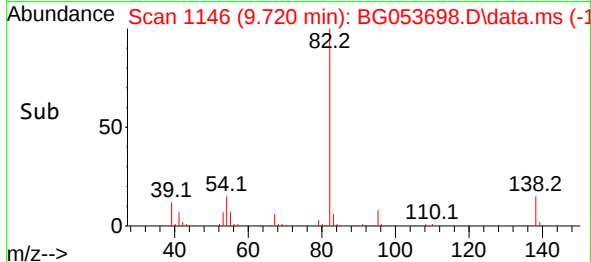
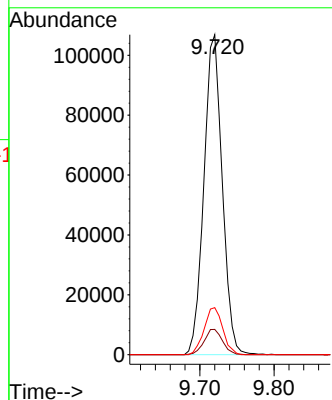
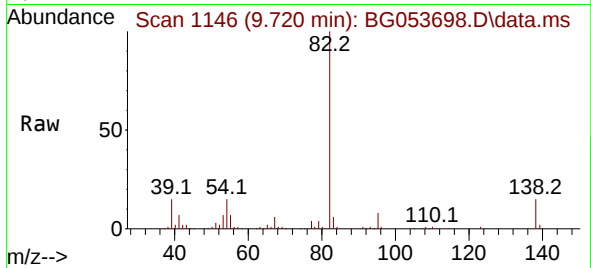




#25
Isophorone
Concen: 50.310 ng
RT: 9.720 min Scan# 111
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

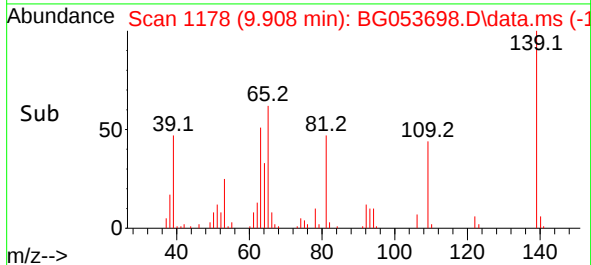
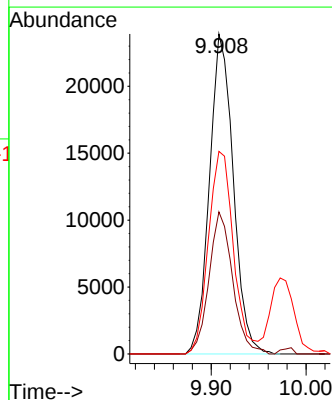
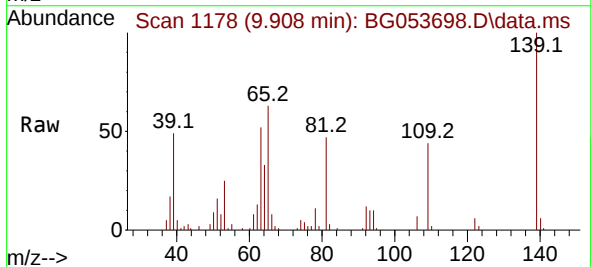
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

Tgt Ion: 82 Resp: 183755
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 14.7 11.6 17.4



#26
2-Nitrophenol
Concen: 48.981 ng
RT: 9.908 min Scan# 1178
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:139 Resp: 41671
Ion Ratio Lower Upper
139 100
109 44.4 36.1 54.1
65 63.3 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 57.100 ng

RT: 9.973 min Scan# 1138

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

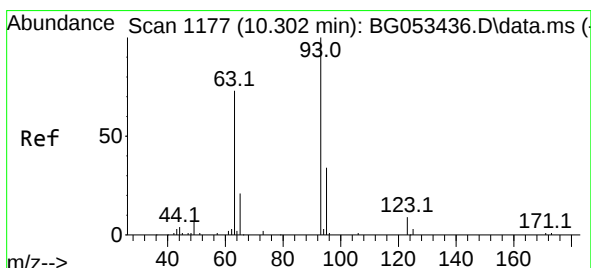
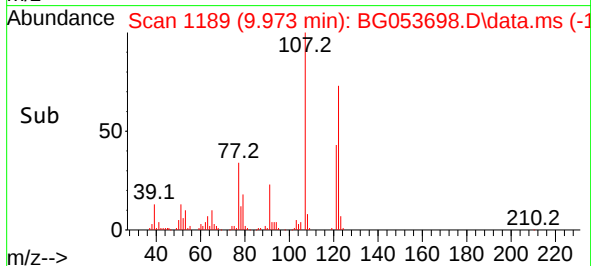
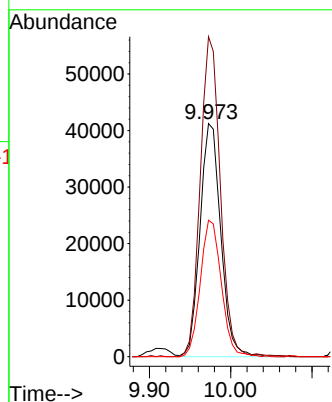
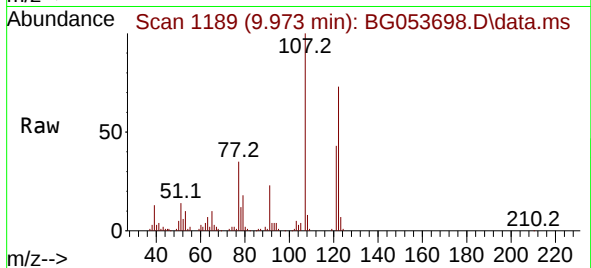
Tgt Ion:122 Resp: 73106

Ion Ratio Lower Upper

122 100

107 137.2 109.4 164.0

121 58.5 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.349 ng

RT: 10.196 min Scan# 1227

Delta R.T. -0.005 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

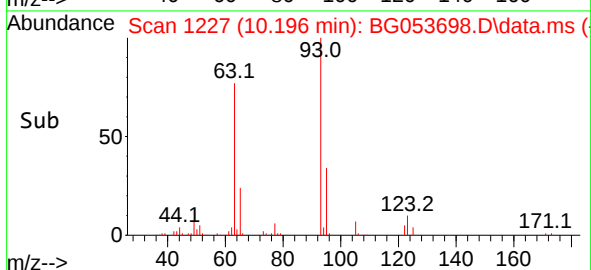
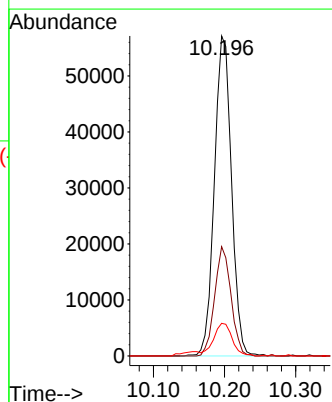
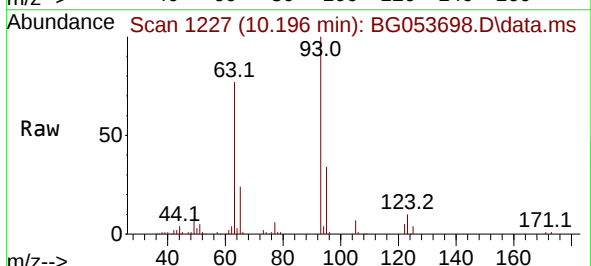
Tgt Ion: 93 Resp: 95262

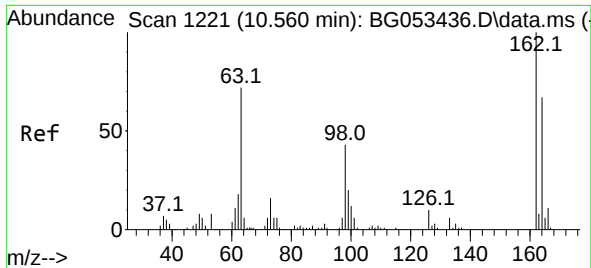
Ion Ratio Lower Upper

93 100

95 34.1 26.9 40.3

123 10.2 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.204 ng

RT: 10.454 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

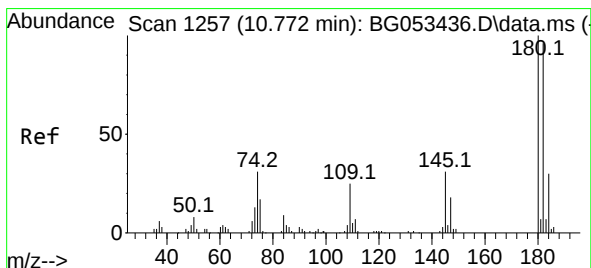
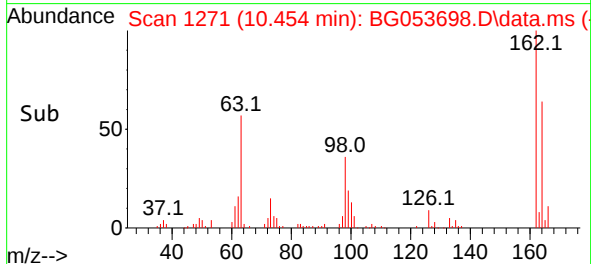
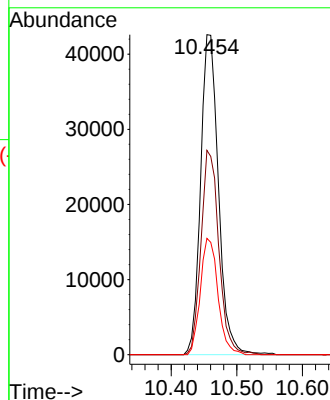
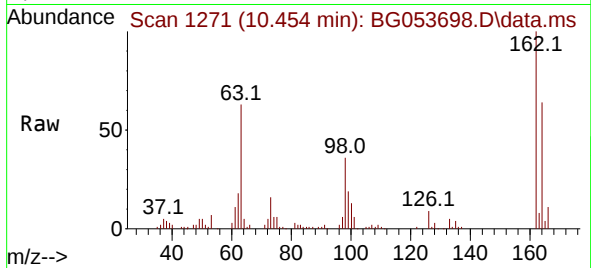
Tgt Ion:162 Resp: 80667

Ion Ratio Lower Upper

162 100

164 63.9 46.6 86.6

98 36.4 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 45.715 ng

RT: 10.666 min Scan# 1307

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

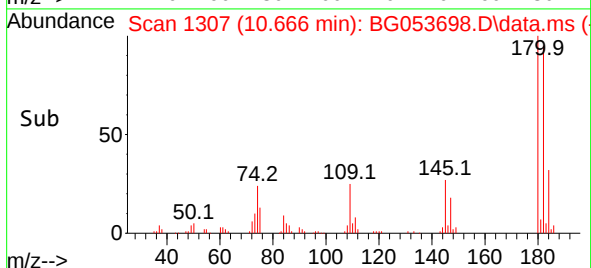
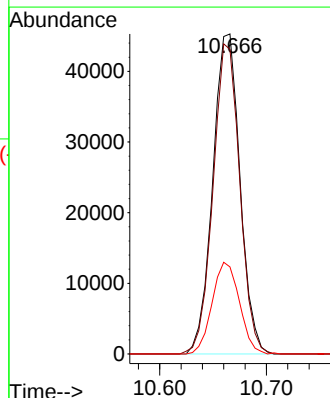
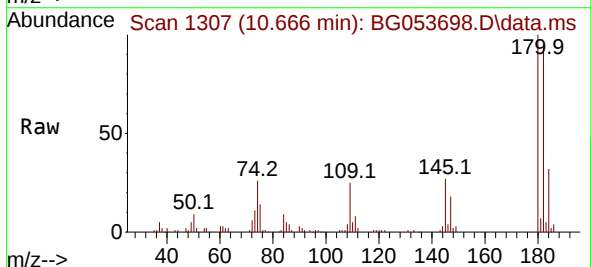
Tgt Ion:180 Resp: 80261

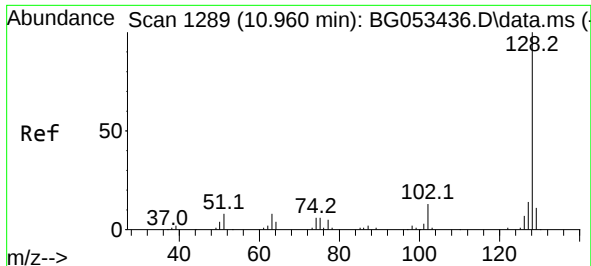
Ion Ratio Lower Upper

180 100

182 95.2 76.6 115.0

145 27.2 25.0 37.4

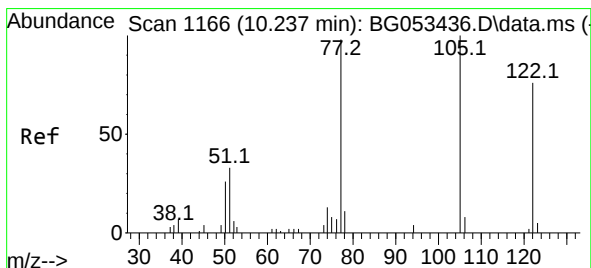
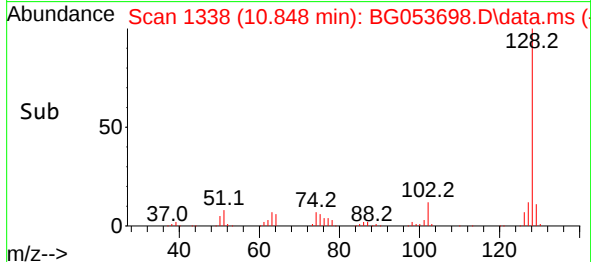
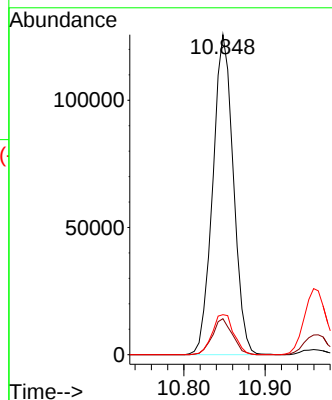
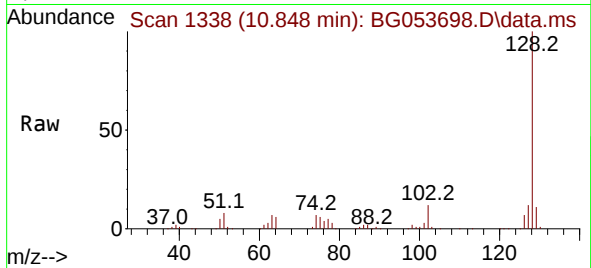




#31
Naphthalene
Concen: 47.144 ng
RT: 10.848 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

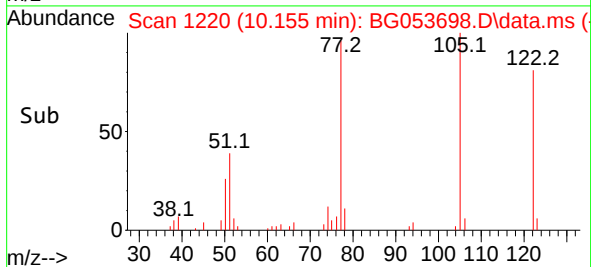
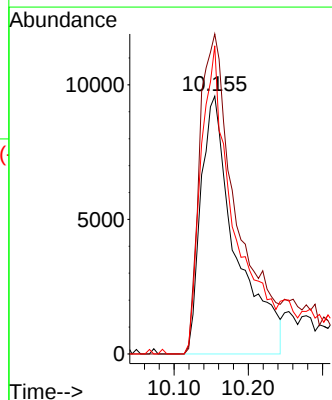
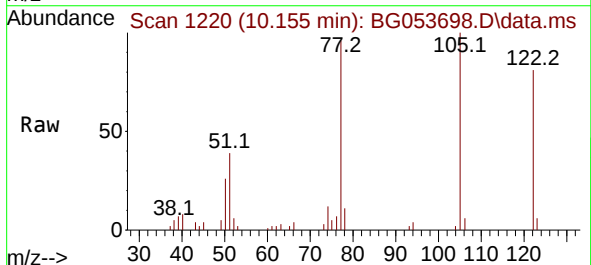
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

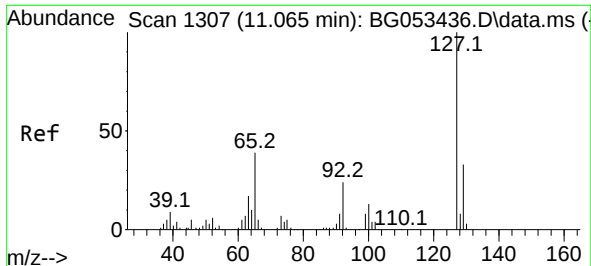
Tgt Ion:128 Resp: 221546
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.5 11.1 16.7



#32
Benzoic acid
Concen: 40.459 ng
RT: 10.155 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:122 Resp: 31084
Ion Ratio Lower Upper
122 100
105 124.2 111.8 151.8
77 119.6 109.4 149.4

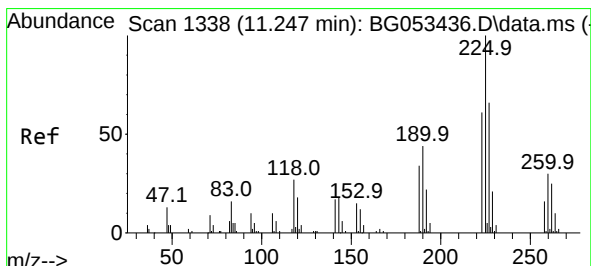
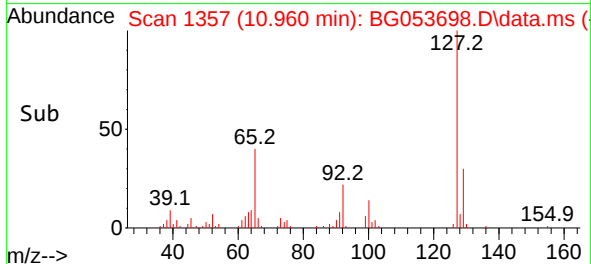
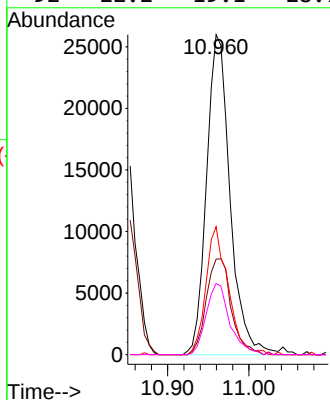
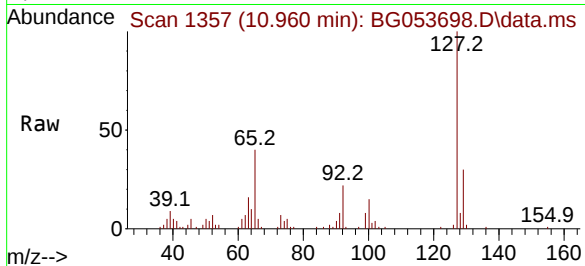




#33
4-Chloroaniline
Concen: 26.525 ng
RT: 10.960 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

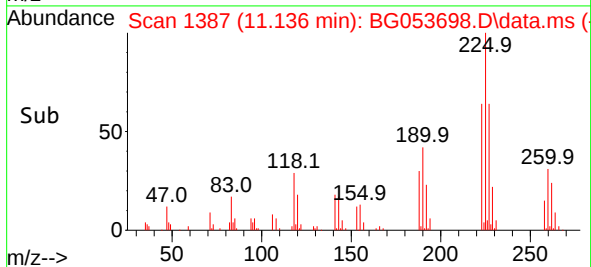
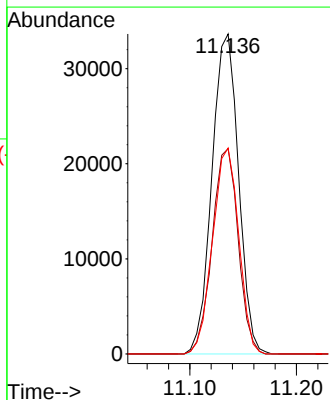
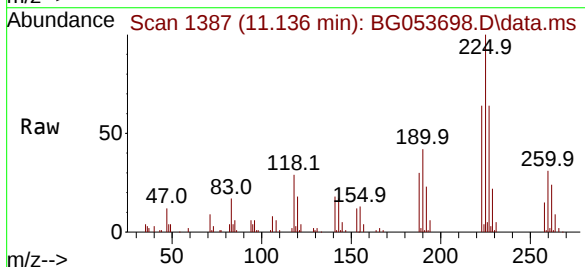
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

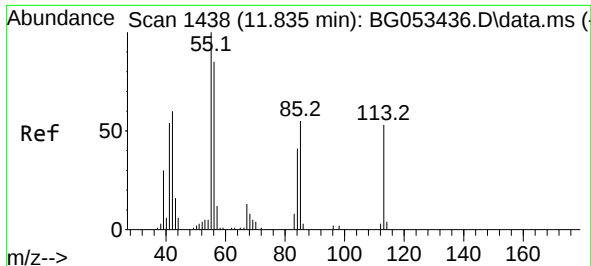
Tgt Ion:	127	Resp:	52202
Ion Ratio	Lower	Upper	
127	100		
129	29.8	26.3	39.5
65	40.0	31.1	46.7
92	22.2	19.1	28.7



#34
Hexachlorobutadiene
Concen: 44.727 ng
RT: 11.136 min Scan# 1387
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:	225	Resp:	58229
Ion Ratio	Lower	Upper	
225	100		
223	64.2	48.9	73.3
227	64.4	52.8	79.2

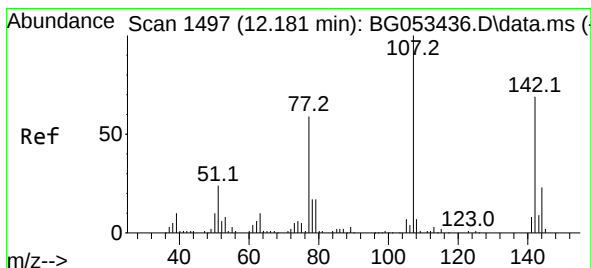
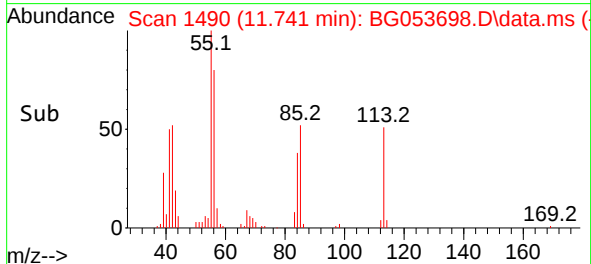
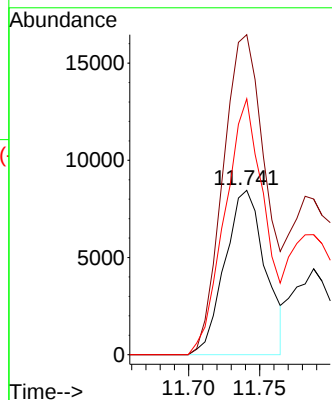
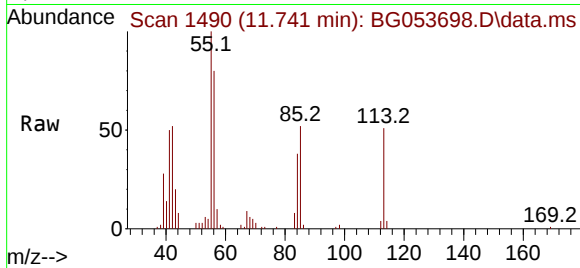




#35
 Caprolactam
 Concen: 29.772 ng
 RT: 11.741 min Scan# 1438
 Delta R.T. 0.001 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

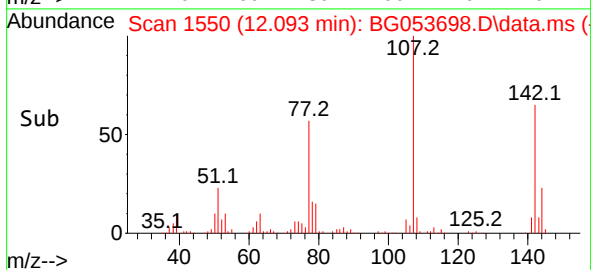
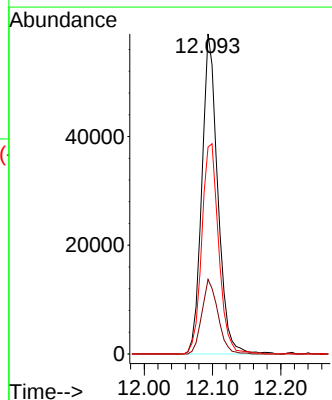
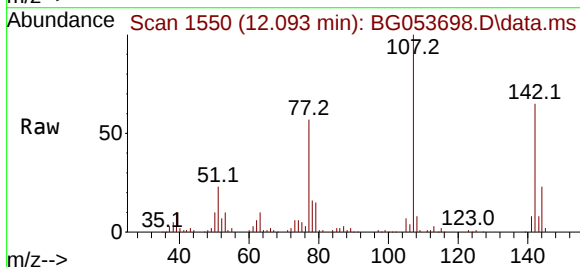
Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01MSD

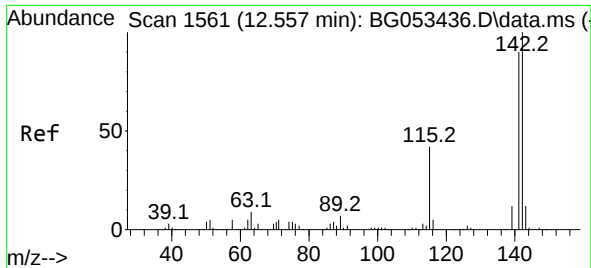
Tgt Ion:113 Resp: 16718
 Ion Ratio Lower Upper
 113 100
 55 194.7 169.8 209.8
 56 155.6 141.2 181.2



#36
 4-Chloro-3-methylphenol
 Concen: 51.621 ng
 RT: 12.093 min Scan# 1550
 Delta R.T. 0.001 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

Tgt Ion:107 Resp: 95415
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.5 27.7
 142 64.7 55.0 82.4

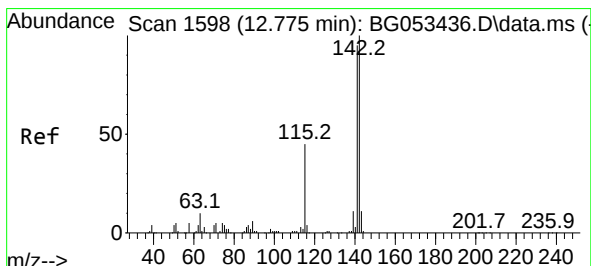
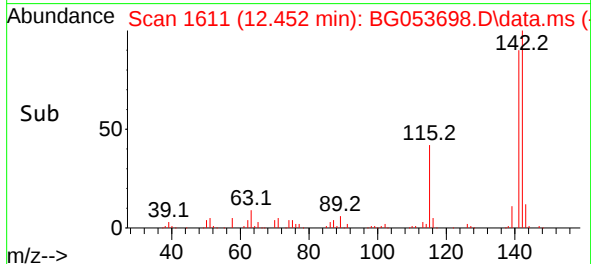
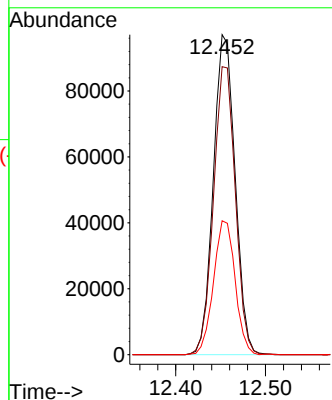
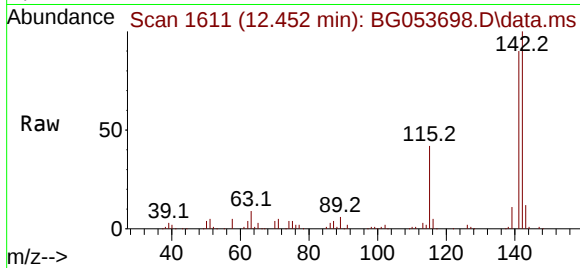




#37
2-Methylnaphthalene
Concen: 46.662 ng
RT: 12.452 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

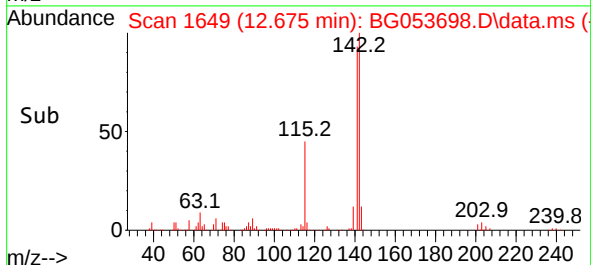
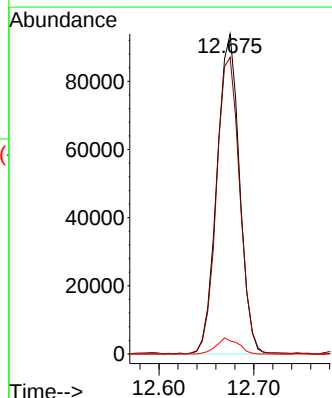
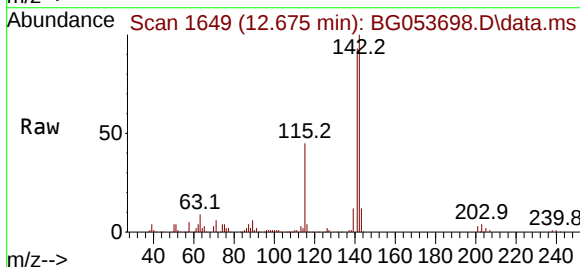
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

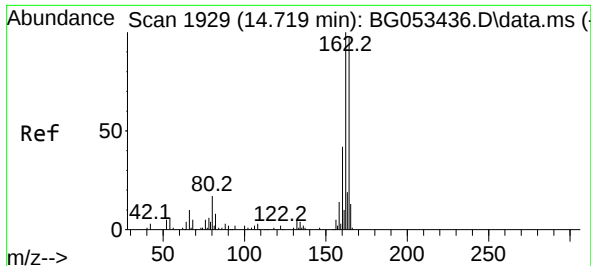
Tgt Ion:142 Resp: 163643
Ion Ratio Lower Upper
142 100
141 90.0 72.3 108.5
115 41.8 33.7 50.5



#38
1-Methylnaphthalene
Concen: 45.415 ng
RT: 12.675 min Scan# 1649
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:142 Resp: 155395
Ion Ratio Lower Upper
142 100
141 92.7 76.4 114.6
116 4.1 3.3 4.9

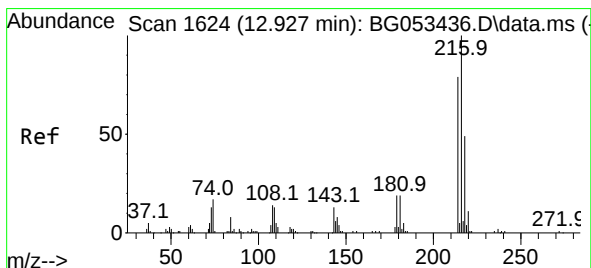
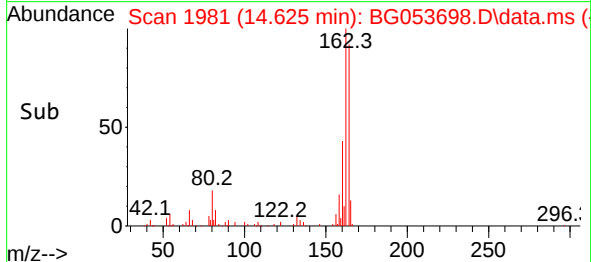
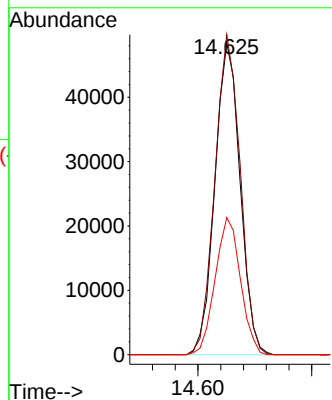
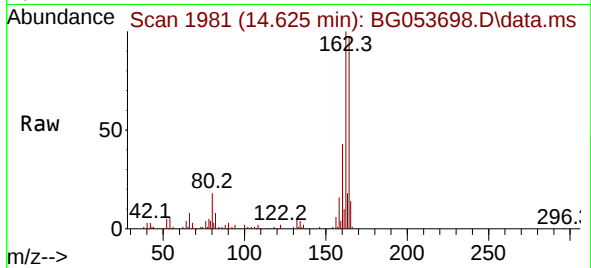




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1929
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

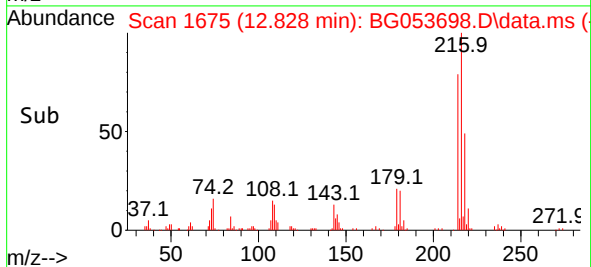
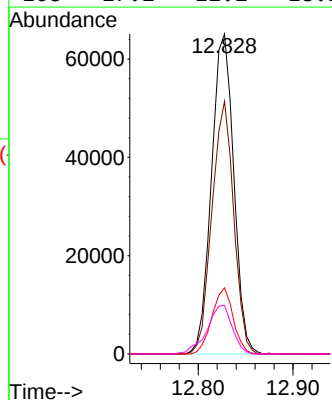
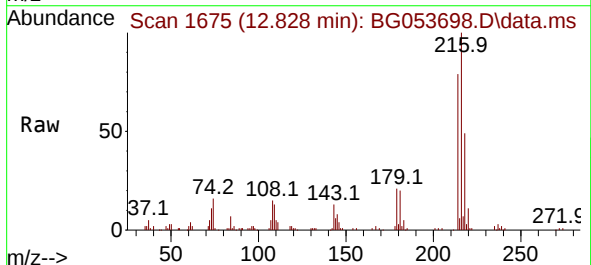
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

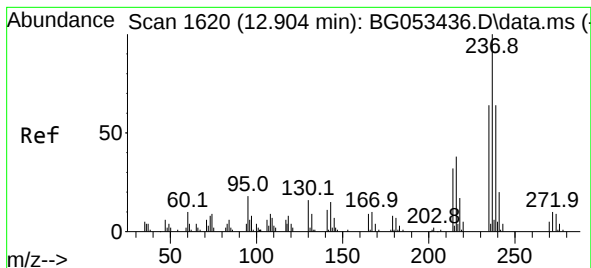
Tgt Ion:164 Resp: 74576
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 44.0 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.200 ng
RT: 12.828 min Scan# 1675
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:216 Resp: 106253
Ion Ratio Lower Upper
216 100
214 76.9 62.9 94.3
179 19.7 16.1 24.1
108 17.2 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 85.264 ng

RT: 12.804 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

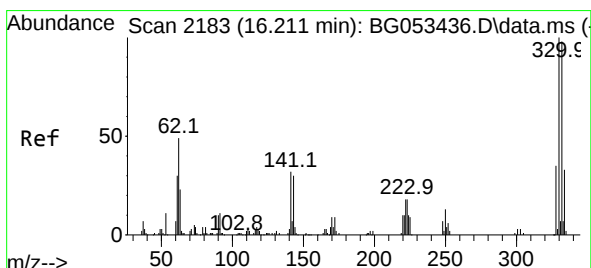
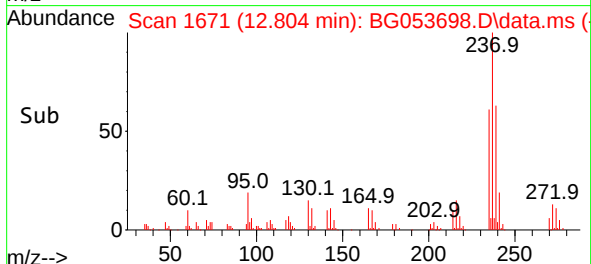
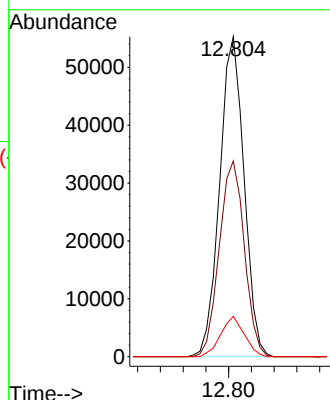
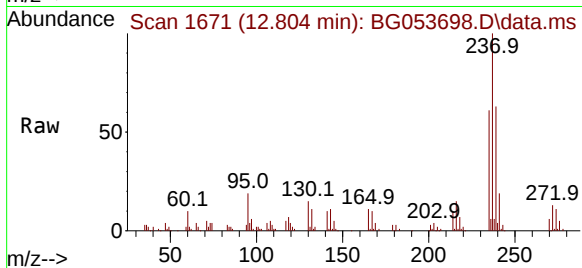
Tgt Ion:237 Resp: 82267

Ion Ratio Lower Upper

237 100

235 61.1 43.5 83.5

272 12.6 0.0 30.1



#42

2,4,6-Tribromophenol

Concen: 101.453 ng

RT: 16.117 min Scan# 2235

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

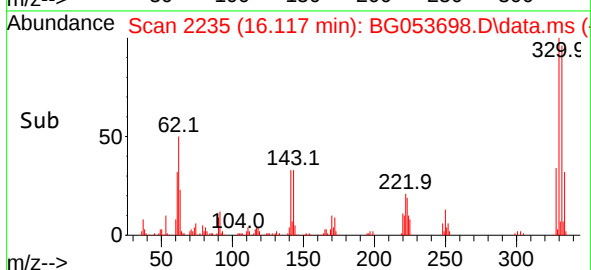
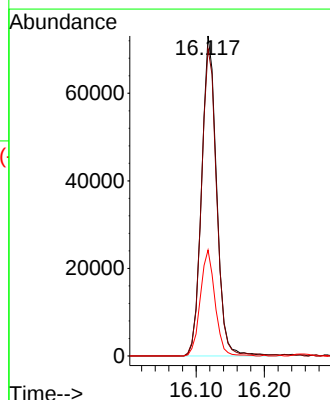
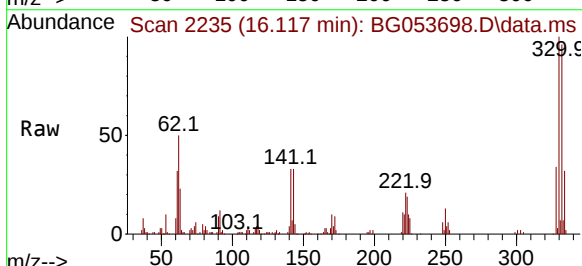
Tgt Ion:330 Resp: 111589

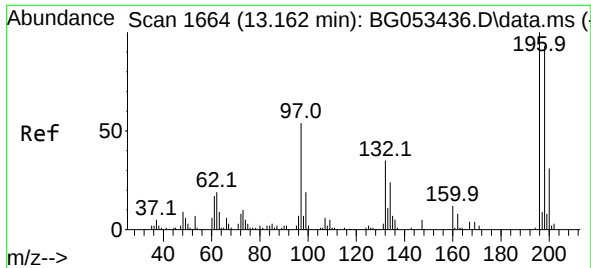
Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 32.5 27.1 40.7

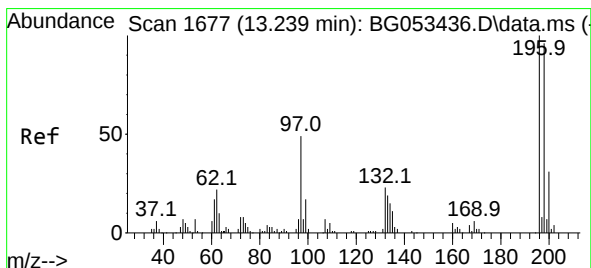
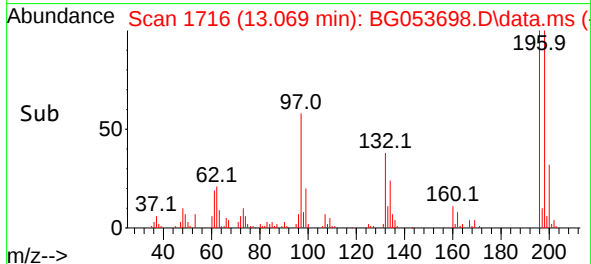
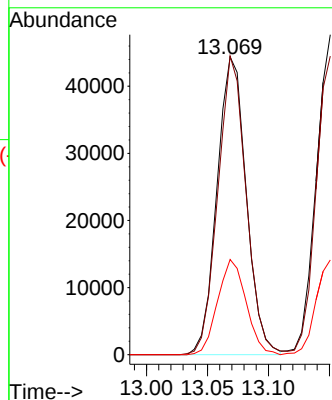
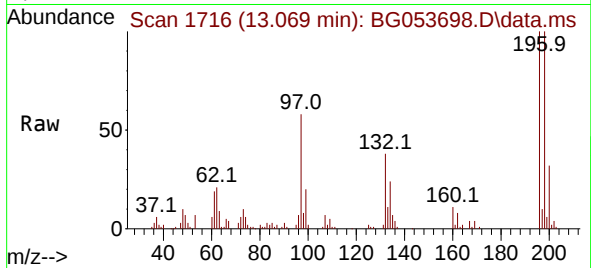




#43
2,4,6-Trichlorophenol
Concen: 48.296 ng
RT: 13.069 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

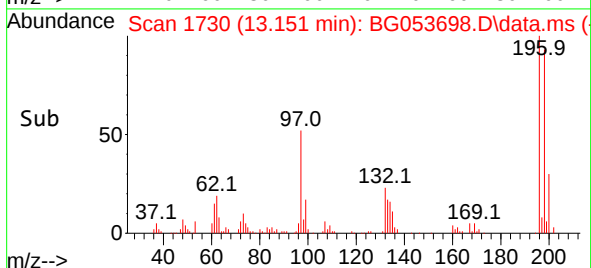
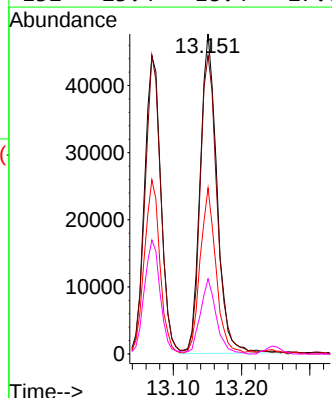
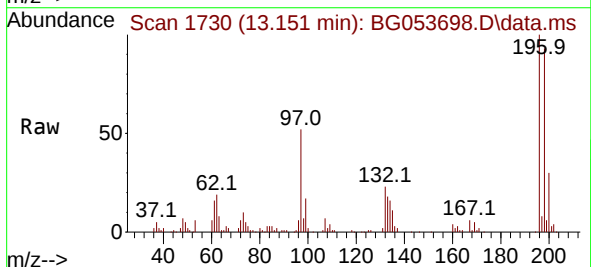
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

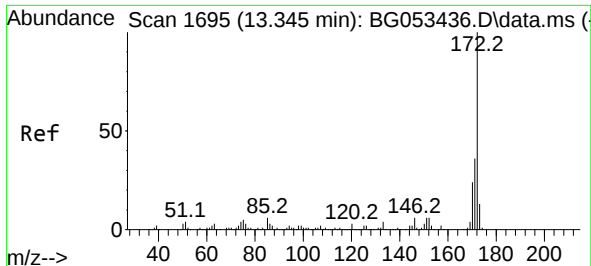
Tgt Ion:196 Resp: 74108
Ion Ratio Lower Upper
196 100
198 100.4 74.1 111.1
200 32.0 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.048 ng
RT: 13.151 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:196 Resp: 81734
Ion Ratio Lower Upper
196 100
198 93.3 76.8 115.2
97 51.8 39.8 59.6
132 23.4 18.4 27.6

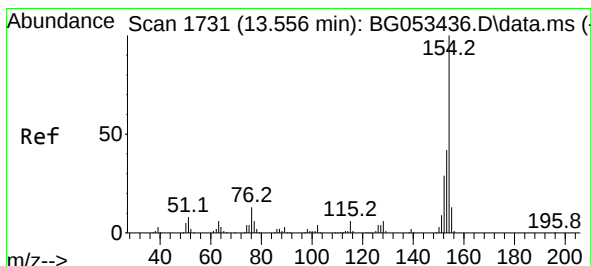
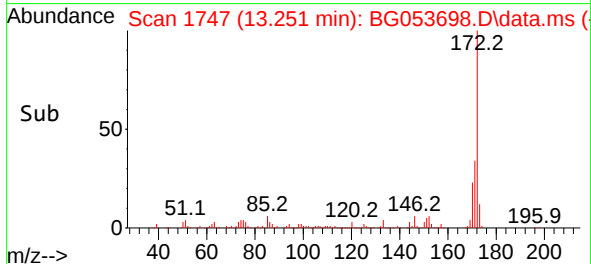
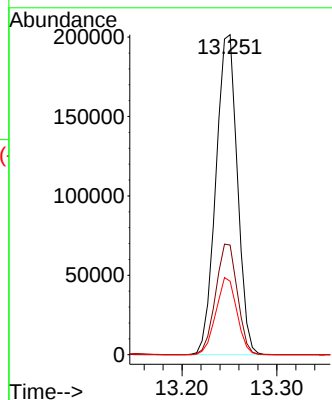
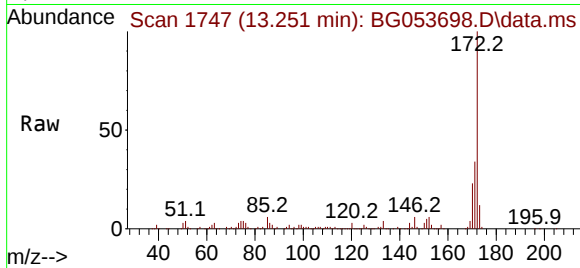




#45
2-Fluorobiphenyl
Concen: 62.175 ng
RT: 13.251 min Scan# 1747
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

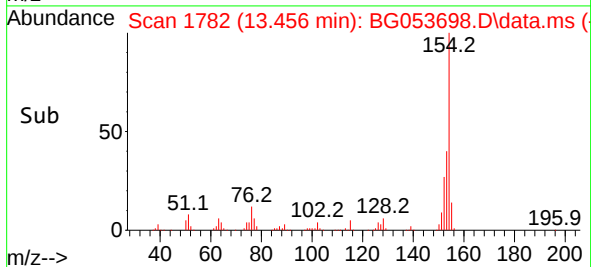
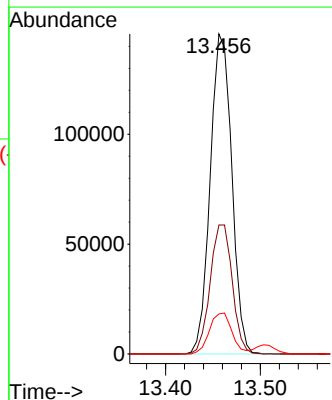
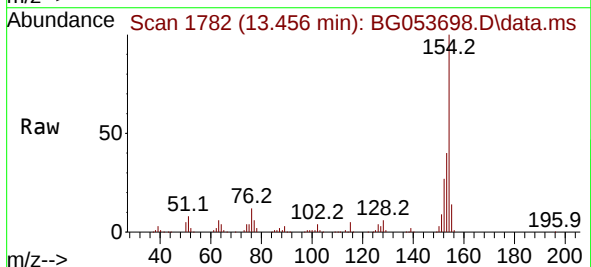
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

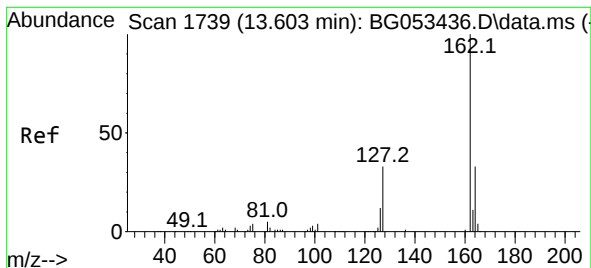
Tgt Ion:172 Resp: 317307
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.205 ng
RT: 13.456 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:154 Resp: 229796
Ion Ratio Lower Upper
154 100
153 40.3 21.6 61.6
76 12.5 0.0 32.6





#47

2-Chloronaphthalene

Concen: 45.260 ng

RT: 13.503 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

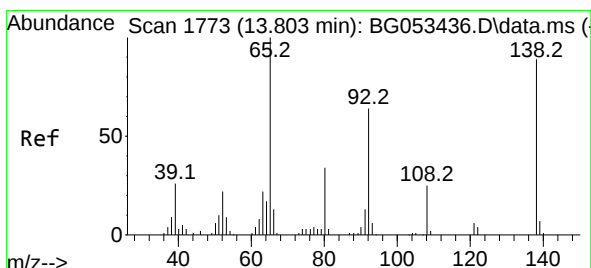
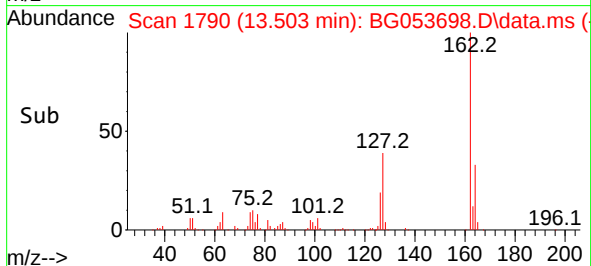
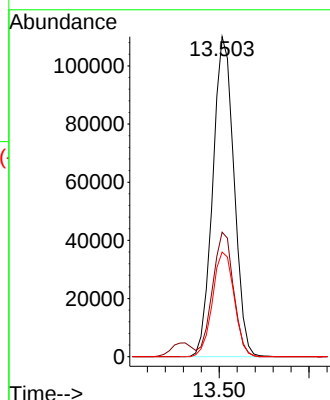
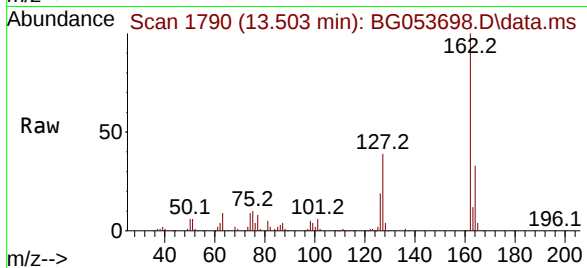
Tgt Ion:162 Resp: 180259

Ion Ratio Lower Upper

162 100

127 38.9 30.6 45.8

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 49.604 ng

RT: 13.709 min Scan# 1825

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

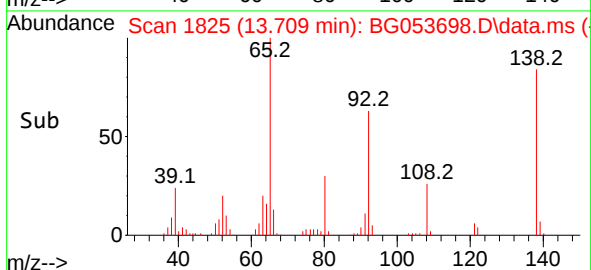
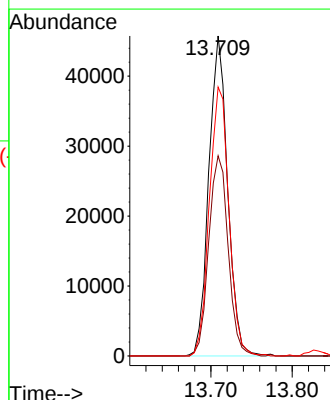
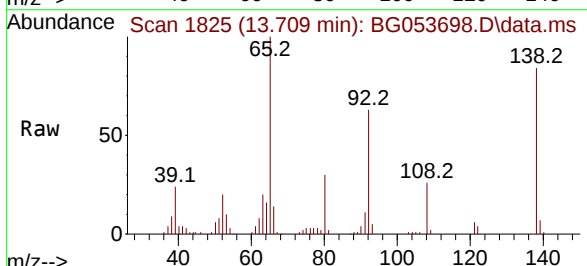
Tgt Ion: 65 Resp: 73614

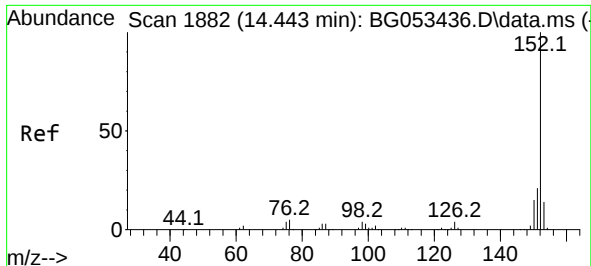
Ion Ratio Lower Upper

65 100

92 62.5 51.5 77.3

138 84.1 71.3 106.9

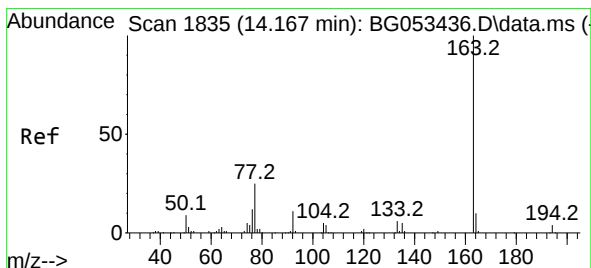
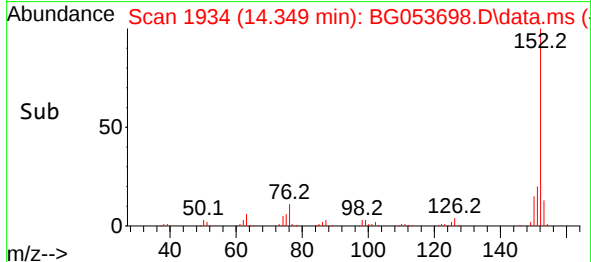
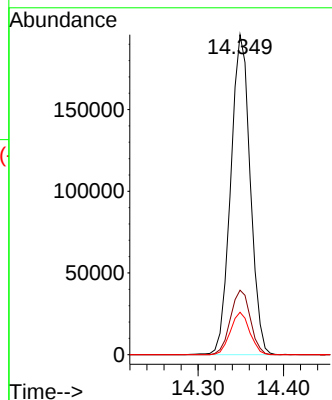
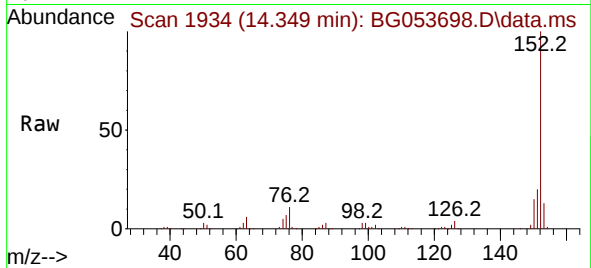




#49
Acenaphthylene
Concen: 48.856 ng
RT: 14.349 min Scan# 1934
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

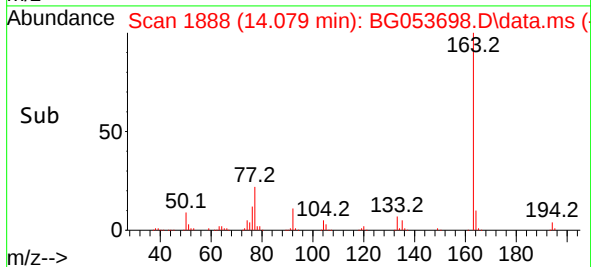
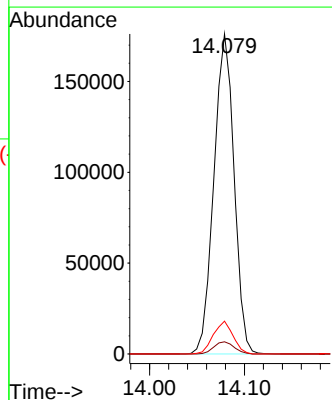
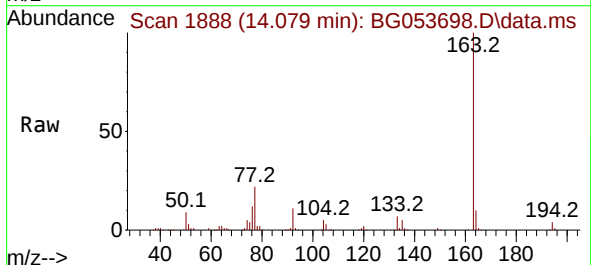
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

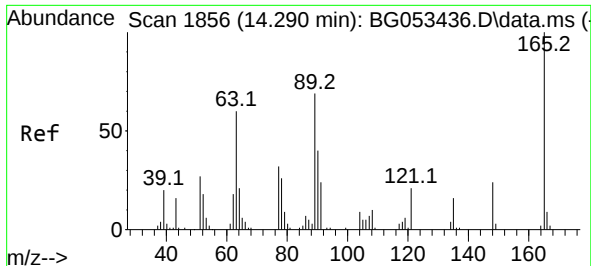
Tgt Ion:152 Resp: 310496
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 45.976 ng
RT: 14.079 min Scan# 1888
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:163 Resp: 260549
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0

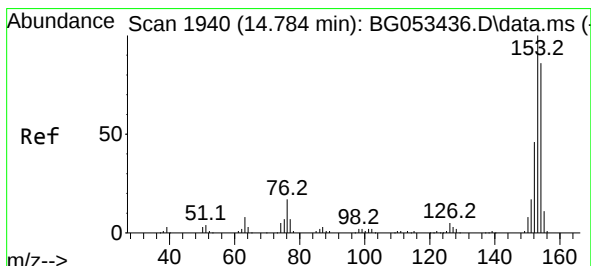
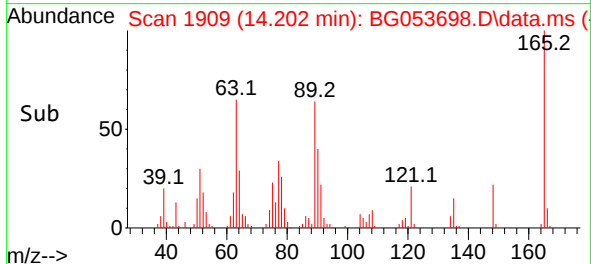
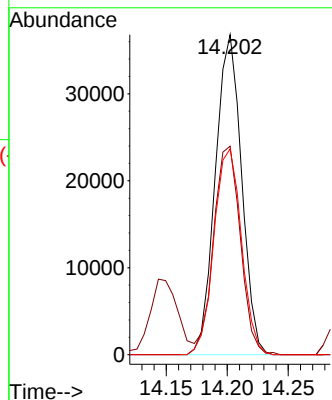
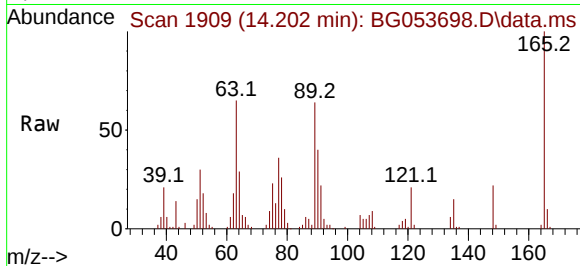




#51
2,6-Dinitrotoluene
Concen: 47.722 ng
RT: 14.202 min Scan# 1909
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

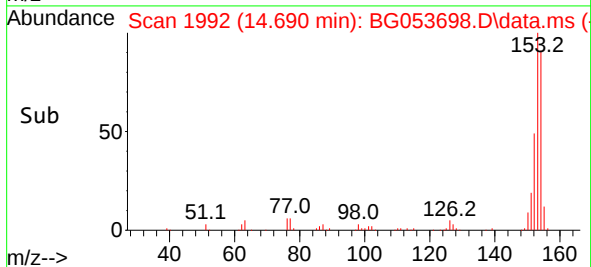
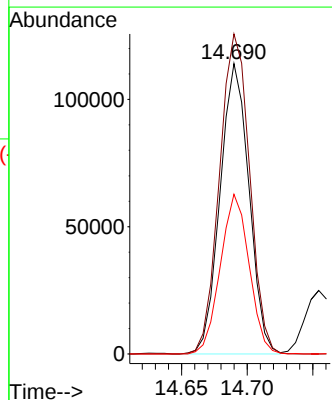
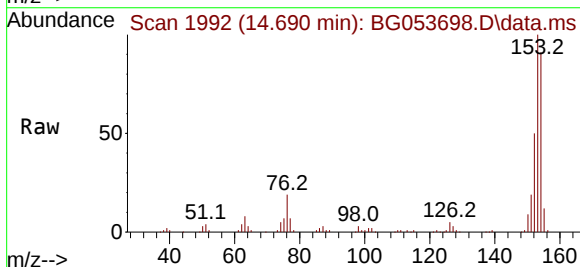
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

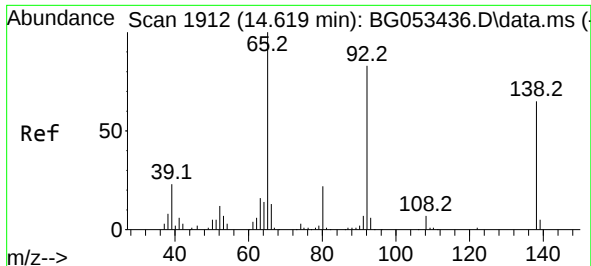
Tgt Ion:165 Resp: 55098
Ion Ratio Lower Upper
165 100
63 65.1 54.1 81.1
89 64.3 54.8 82.2



#52
Acenaphthene
Concen: 46.110 ng
RT: 14.690 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:154 Resp: 174639
Ion Ratio Lower Upper
154 100
153 110.2 92.7 139.1
152 55.0 42.6 64.0

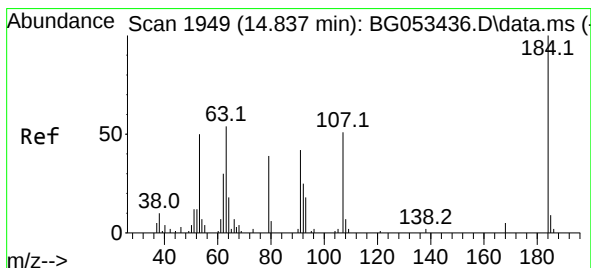
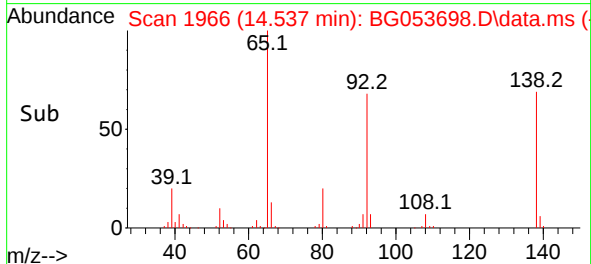
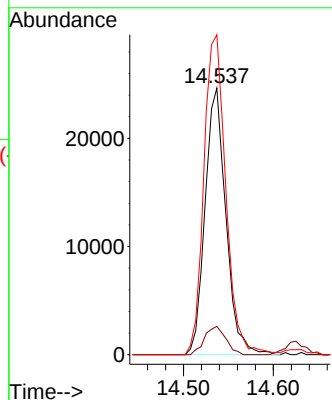
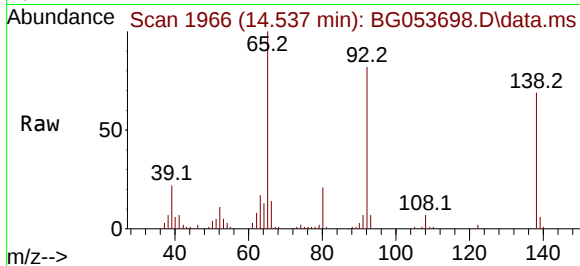




#53
3-Nitroaniline
Concen: 31.893 ng
RT: 14.537 min Scan# 1912
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

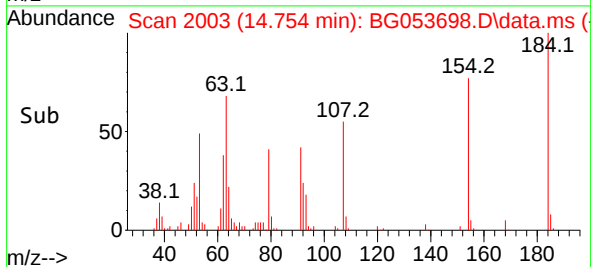
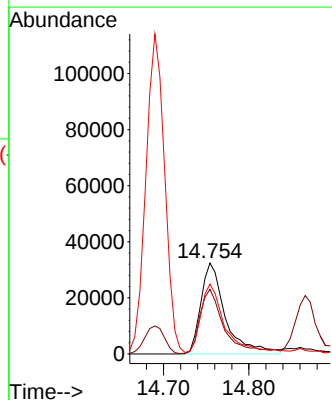
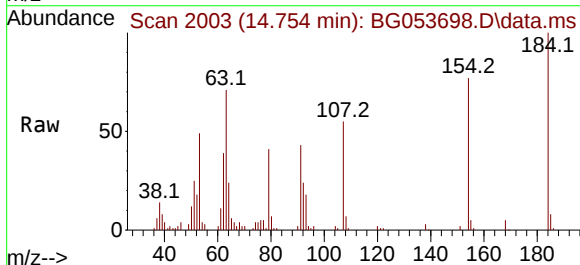
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

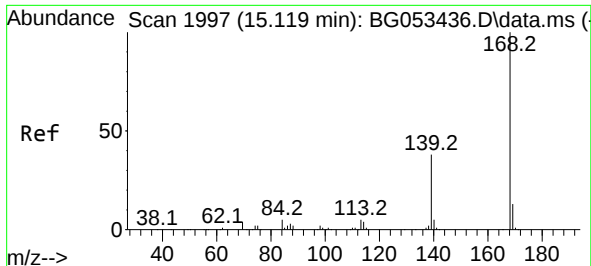
Tgt Ion:138 Resp: 39786
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 120.0 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 87.942 ng
RT: 14.754 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:184 Resp: 64944
Ion Ratio Lower Upper
184 100
63 71.2 61.1 91.7
154 77.0 60.6 91.0

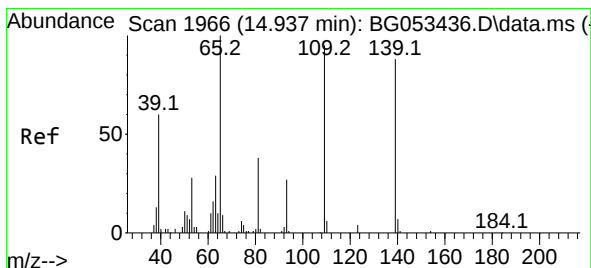
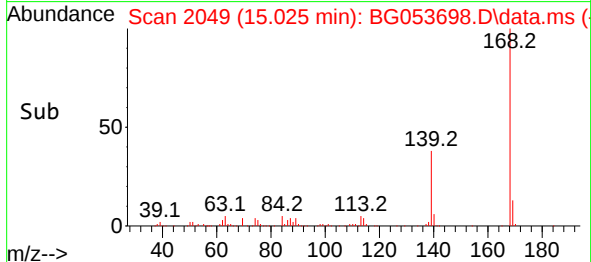
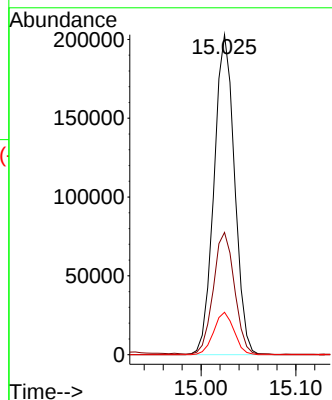
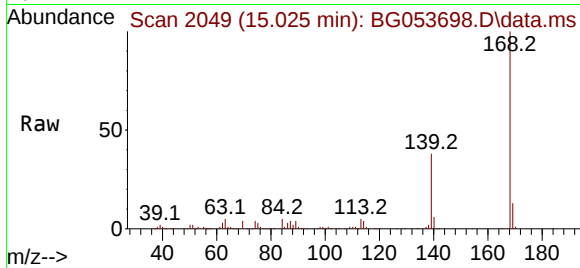




#55
Dibenzofuran
Concen: 44.911 ng
RT: 15.025 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

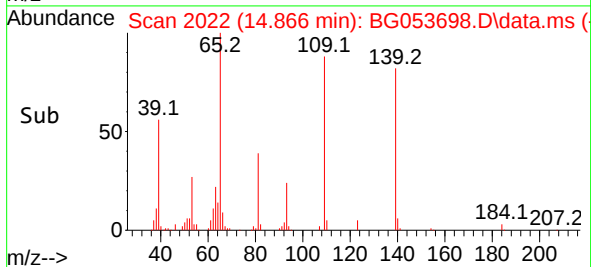
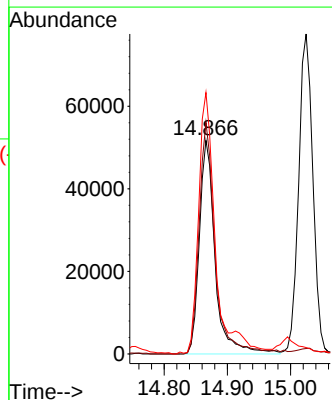
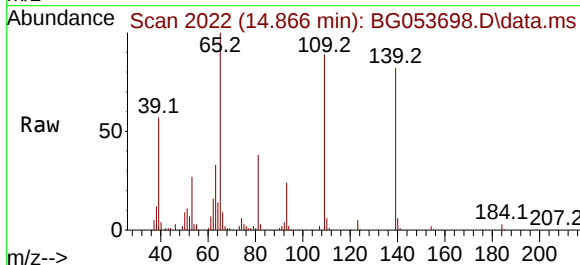
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

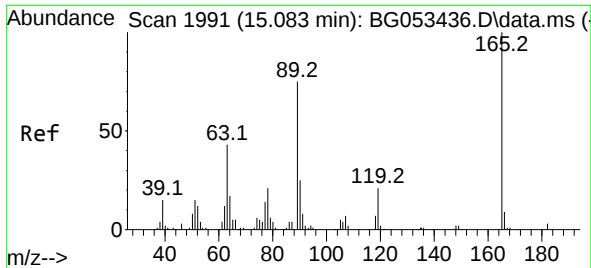
Tgt Ion:168 Resp: 305533
Ion Ratio Lower Upper
168 100
139 38.2 30.5 45.7
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 101.026 ng
RT: 14.866 min Scan# 2022
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:139 Resp: 90016
Ion Ratio Lower Upper
139 100
109 108.4 88.5 128.5
65 122.4 93.9 133.9

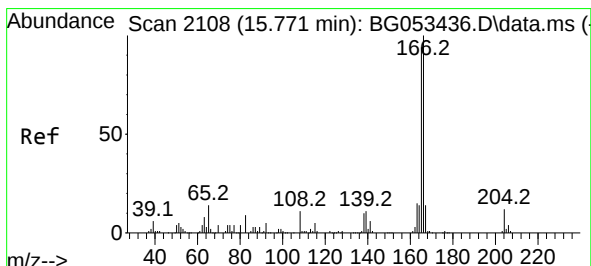
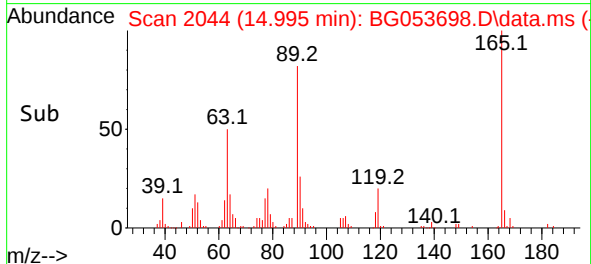
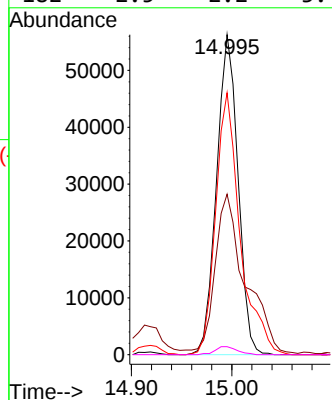
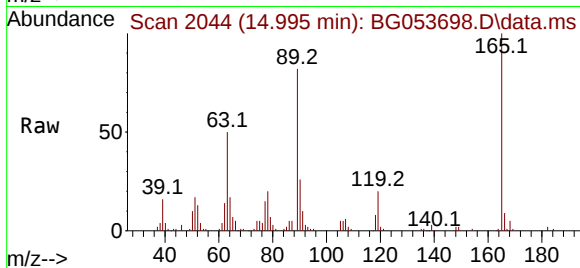




#57
2,4-Dinitrotoluene
Concen: 49.897 ng
RT: 14.995 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

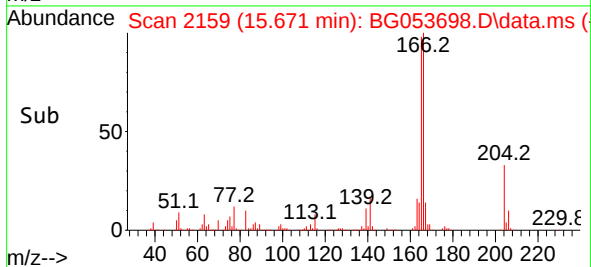
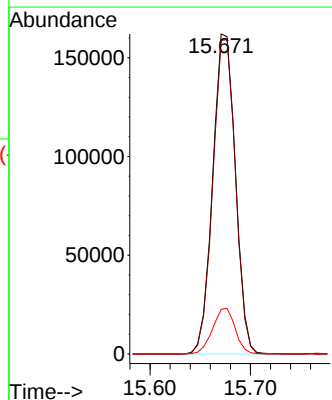
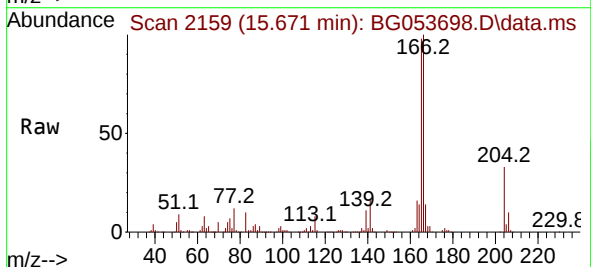
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

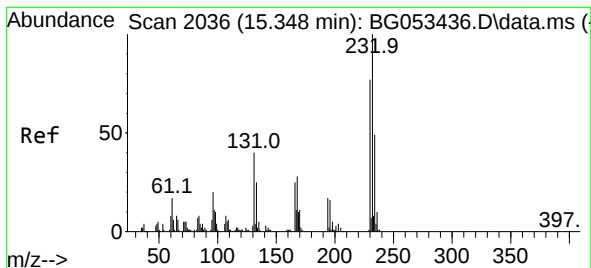
Tgt Ion:165	Resp:	83505
Ion Ratio	Lower	Upper
165	100	
63	50.1	34.6 52.0
89	81.8	60.3 90.5
182	2.5	2.2 3.4



#58
Fluorene
Concen: 46.639 ng
RT: 15.671 min Scan# 2159
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:166	Resp:	254620
Ion Ratio	Lower	Upper
166	100	
165	98.0	75.0 112.6
167	14.0	10.8 16.2

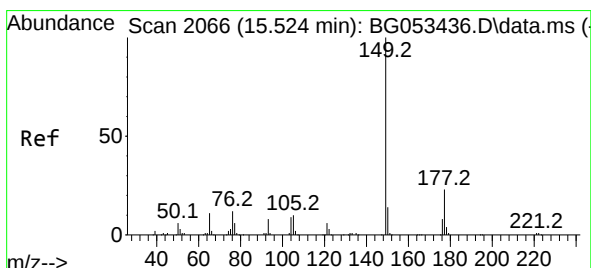
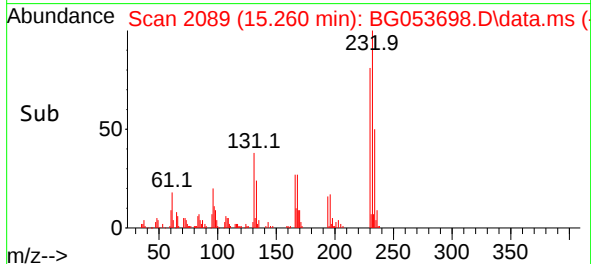
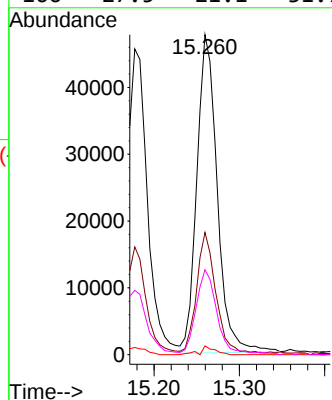
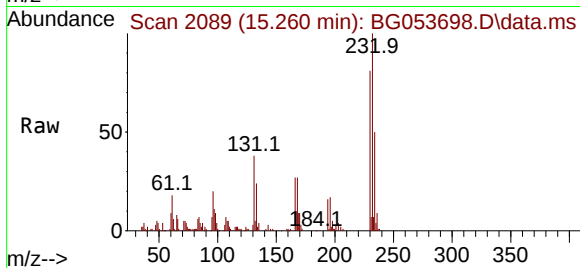




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.862 ng
RT: 15.260 min Scan# 2036
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

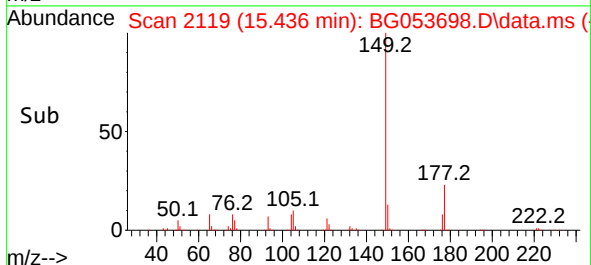
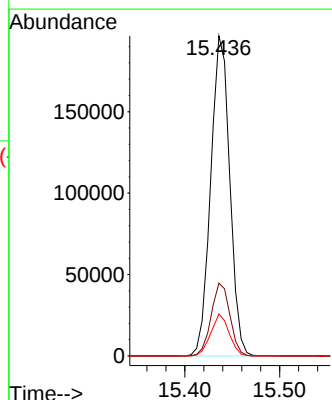
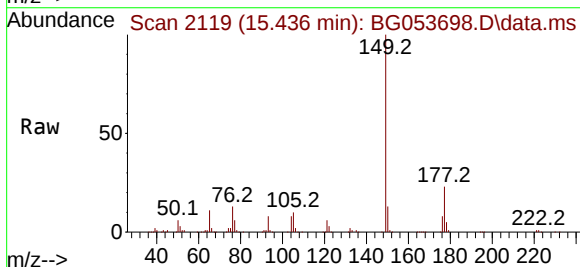
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

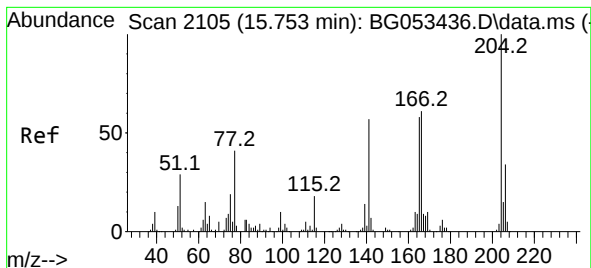
Tgt Ion:	232	Resp:	79306
Ion Ratio	Lower	Upper	
232	100		
131	35.5	30.6	46.0
130	1.9	1.8	2.8
166	27.5	21.1	31.7



#60
Diethylphthalate
Concen: 46.860 ng
RT: 15.436 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:	149	Resp:	274312
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.4	27.6
150	13.1	11.2	16.8

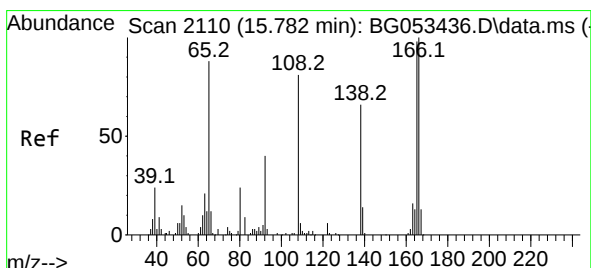
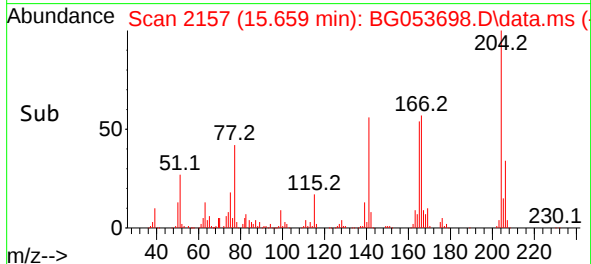
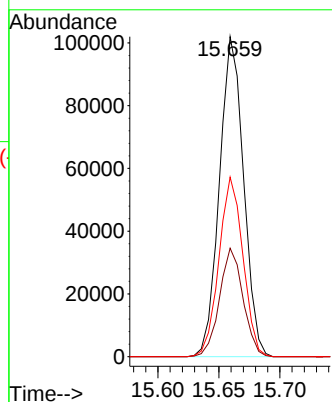
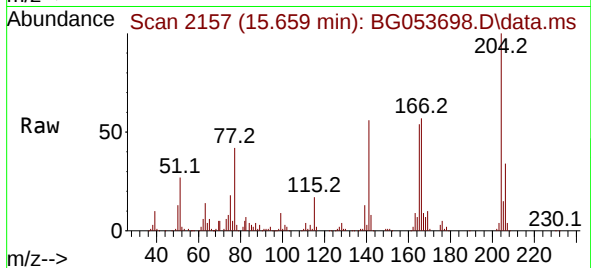




#61
4-Chlorophenyl-phenylether
Concen: 46.094 ng
RT: 15.659 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

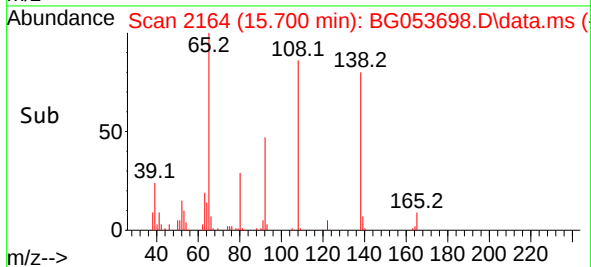
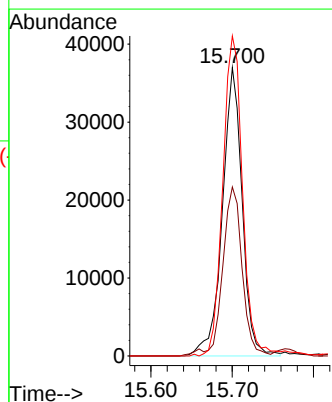
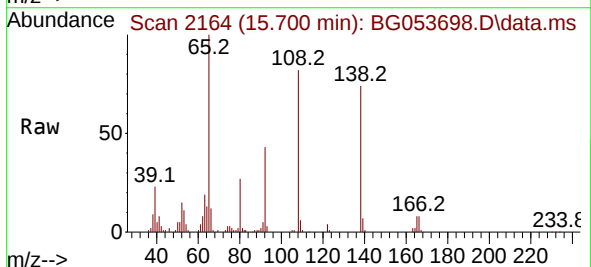
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

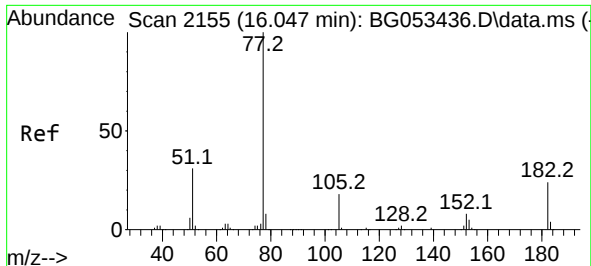
Tgt Ion:204 Resp: 140419
Ion Ratio Lower Upper
204 100
206 33.9 27.5 41.3
141 56.1 45.3 67.9



#62
4-Nitroaniline
Concen: 48.424 ng
RT: 15.700 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:138 Resp: 62656
Ion Ratio Lower Upper
138 100
92 58.6 40.5 80.5
108 111.0 103.7 143.7

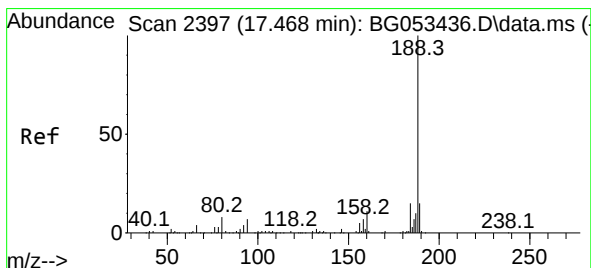
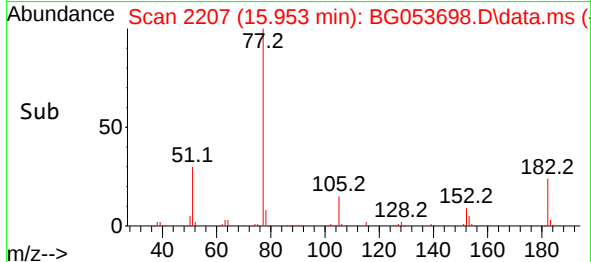
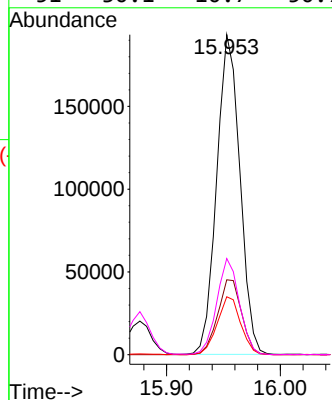
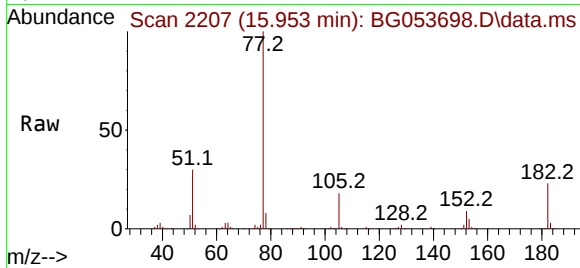




#63
Azobenzene
Concen: 45.742 ng
RT: 15.953 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

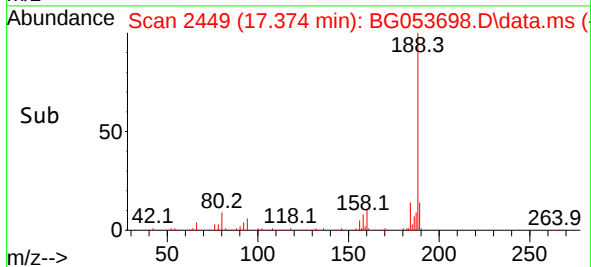
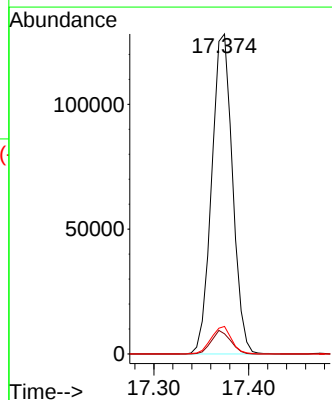
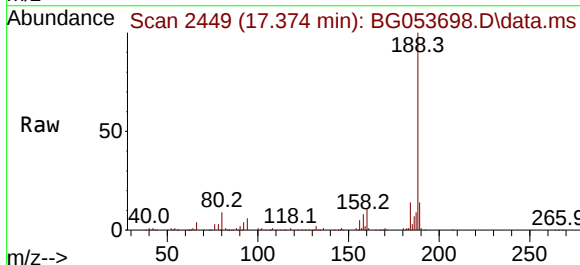
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

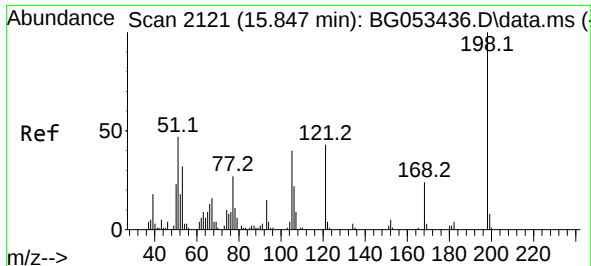
Tgt Ion:	77	Resp:	274195
Ion	Ratio	Lower	Upper
77	100		
182	23.4	3.8	43.8
105	18.1	0.0	37.8
51	30.1	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:	188	Resp:	195602
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.0
80	8.6	6.8	10.2

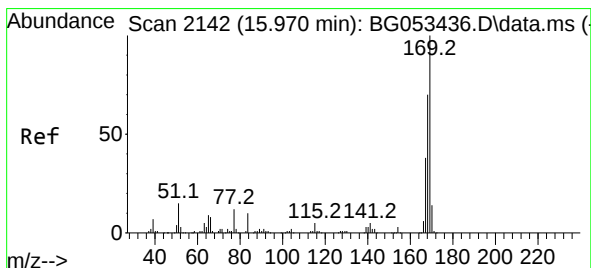
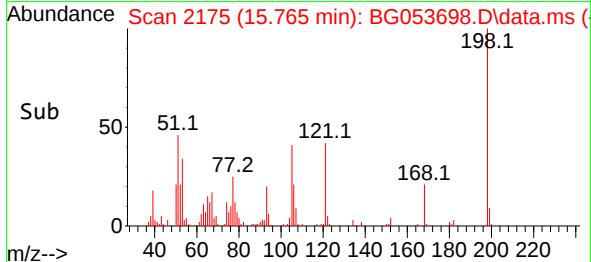
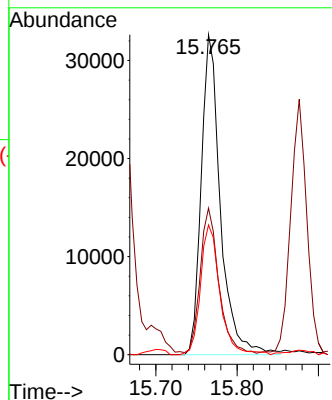
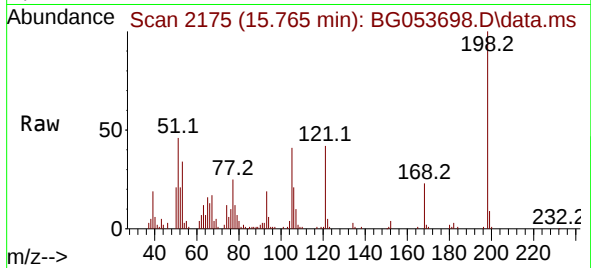




#65
4,6-Dinitro-2-methylphenol
Concen: 45.818 ng
RT: 15.765 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

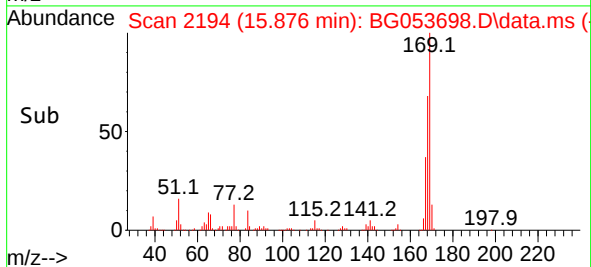
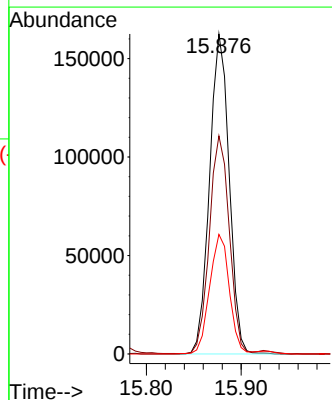
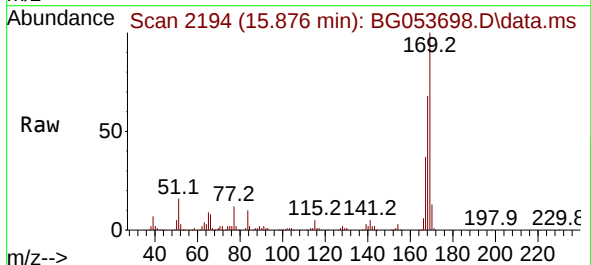
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

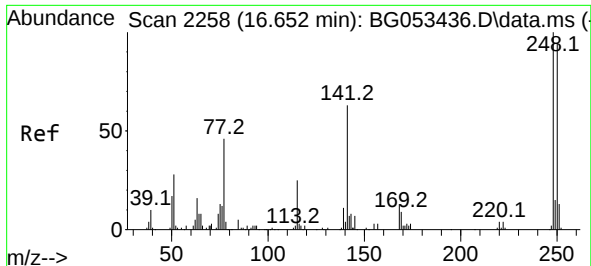
Tgt Ion:198 Resp: 53403
Ion Ratio Lower Upper
198 100
51 45.8 28.1 68.1
105 40.6 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 45.383 ng
RT: 15.876 min Scan# 2194
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:169 Resp: 233069
Ion Ratio Lower Upper
169 100
168 68.1 55.9 83.9
167 37.3 30.6 46.0

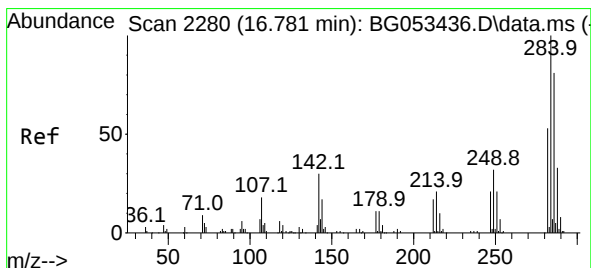
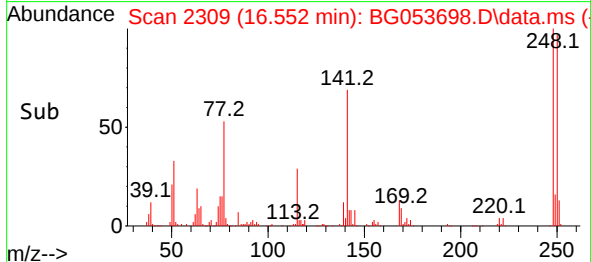
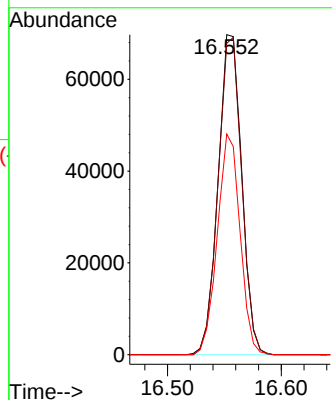
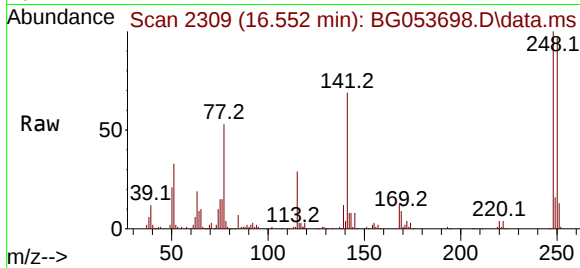




#67
4-Bromophenyl-phenylether
Concen: 44.116 ng
RT: 16.552 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

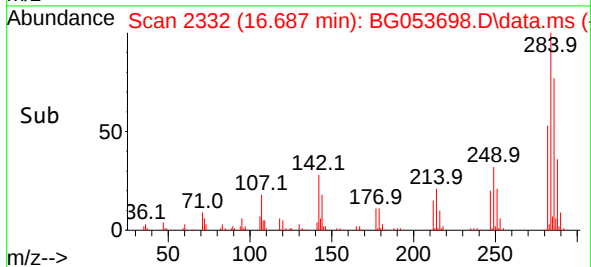
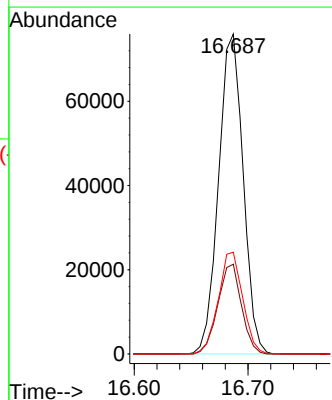
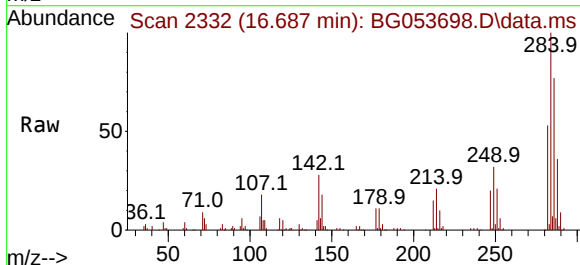
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

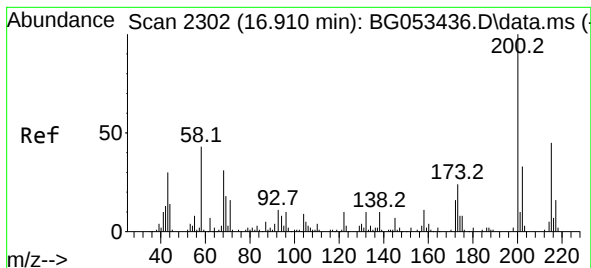
Tgt Ion:248 Resp: 100778
Ion Ratio Lower Upper
248 100
250 97.3 75.2 112.8
141 68.9 50.0 75.0



#68
Hexachlorobenzene
Concen: 45.558 ng
RT: 16.687 min Scan# 2332
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:284 Resp: 113979
Ion Ratio Lower Upper
284 100
142 28.0 23.6 35.4
249 31.8 25.8 38.6





#69

Atrazine

Concen: 47.924 ng

RT: 16.822 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

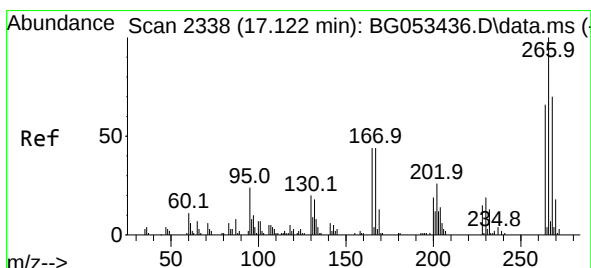
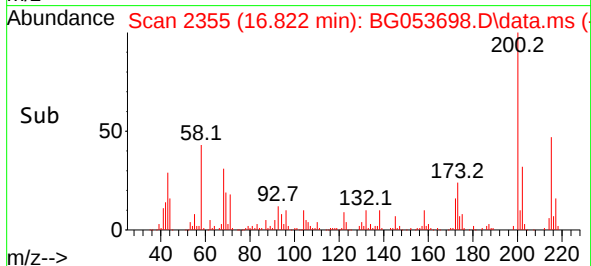
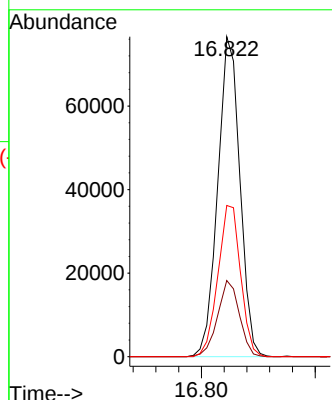
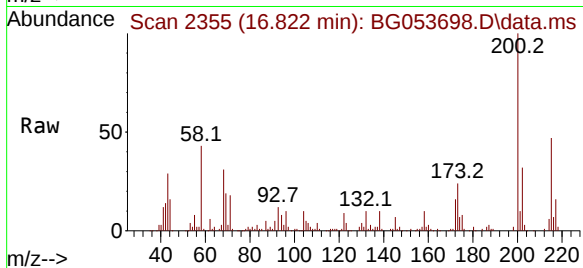
Tgt Ion:200 Resp: 103610

Ion Ratio Lower Upper

200 100

173 23.8 3.7 43.7

215 47.3 25.2 65.2



#70

Pentachlorophenol

Concen: 81.169 ng

RT: 17.034 min Scan# 2391

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

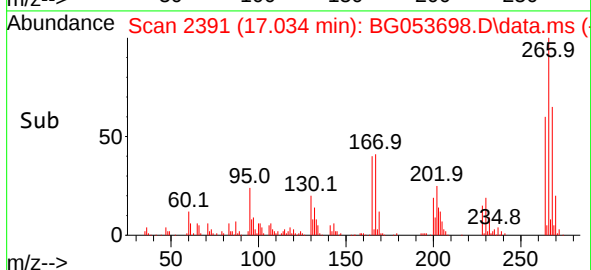
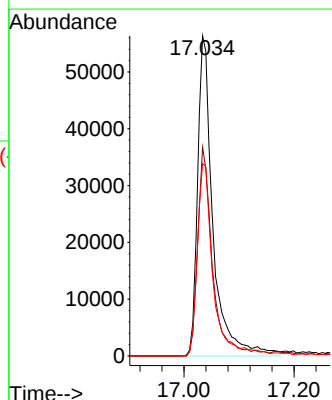
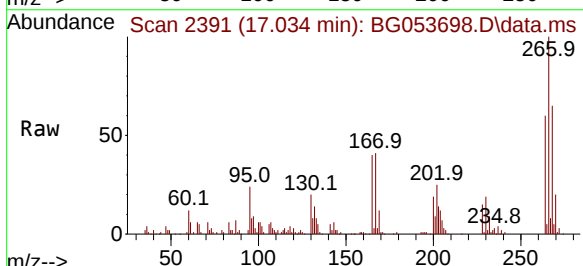
Tgt Ion:266 Resp: 109459

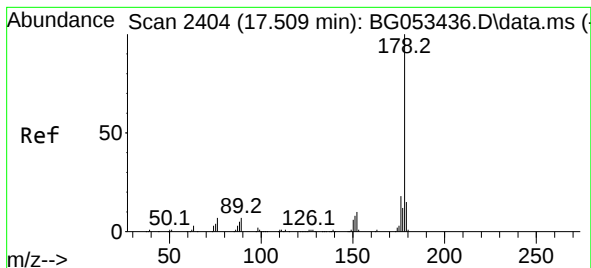
Ion Ratio Lower Upper

266 100

268 65.2 56.2 84.2

264 60.2 53.0 79.4





#71

Phenanthrene

Concen: 45.627 ng

RT: 17.416 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

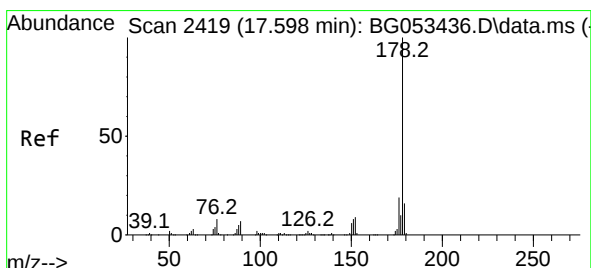
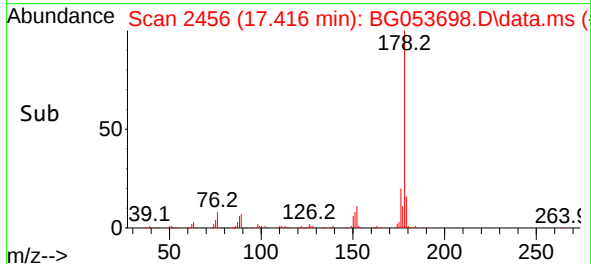
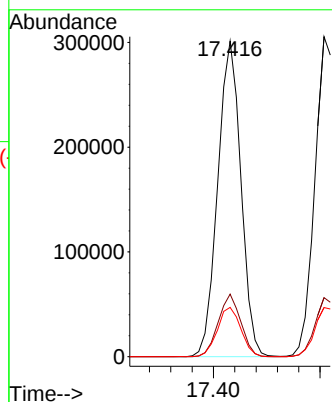
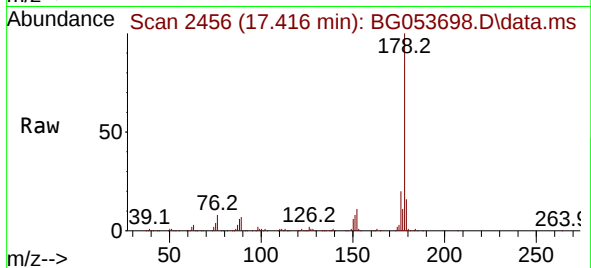
Tgt Ion:178 Resp: 453805

Ion Ratio Lower Upper

178 100

176 19.8 14.1 21.1

179 15.6 12.1 18.1



#72

Anthracene

Concen: 47.193 ng

RT: 17.504 min Scan# 2471

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

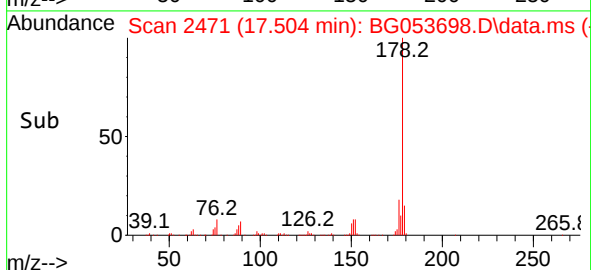
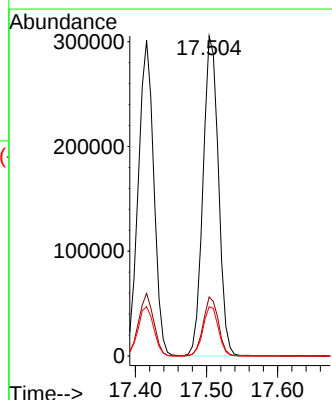
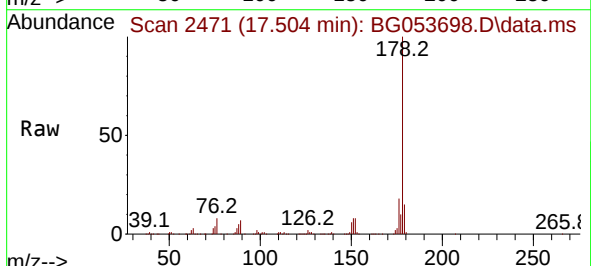
Tgt Ion:178 Resp: 461366

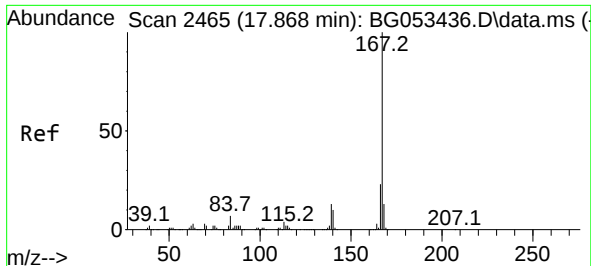
Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

179 15.4 13.0 19.4

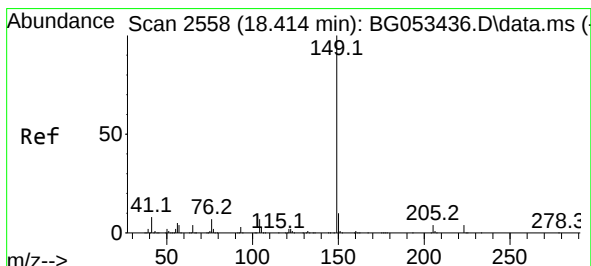
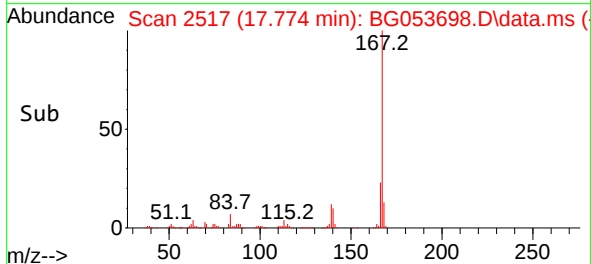
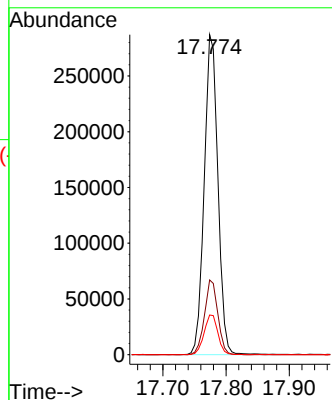
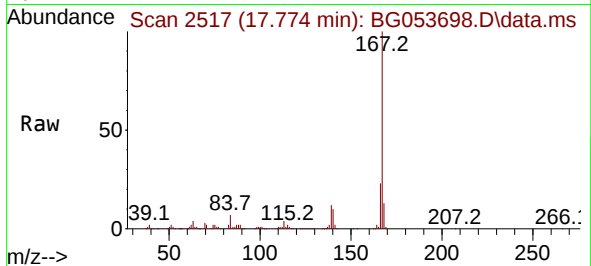




#73
 Carbazole
 Concen: 45.060 ng
 RT: 17.774 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

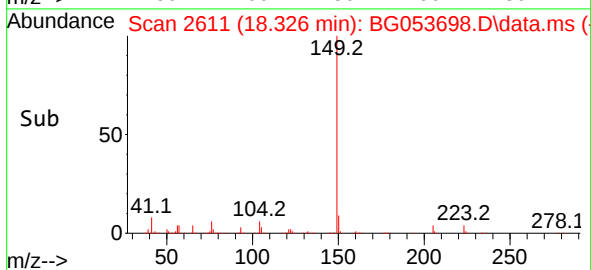
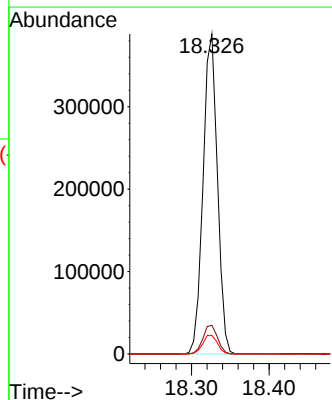
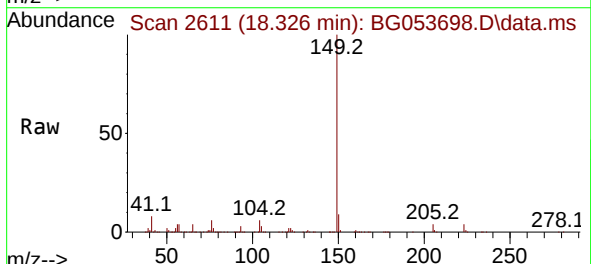
Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01MSD

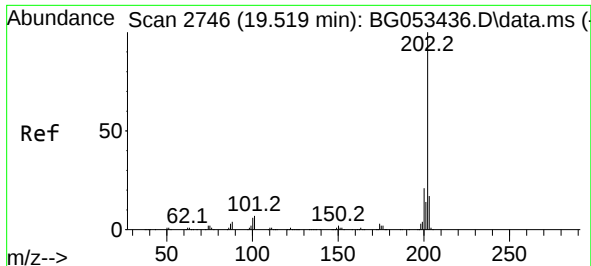
Tgt Ion:167 Resp: 431724
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.2
 139 12.4 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 46.275 ng
 RT: 18.326 min Scan# 2611
 Delta R.T. 0.001 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

Tgt Ion:149 Resp: 498641
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.8 5.4 8.0

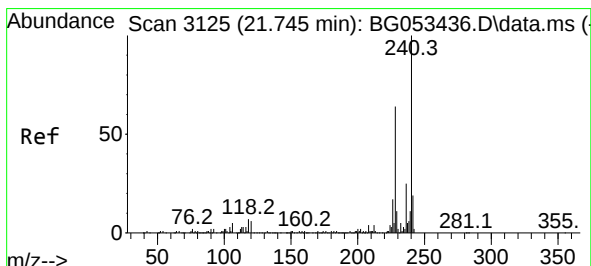
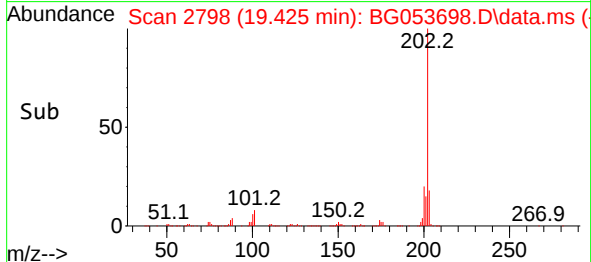
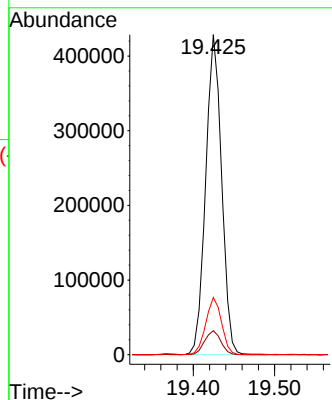
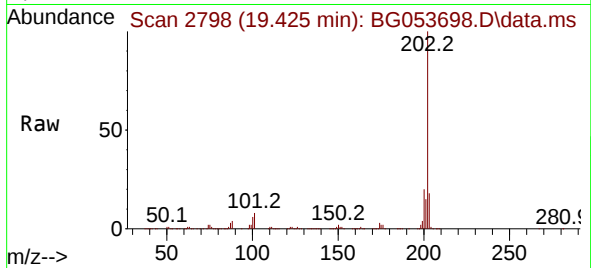




#75
Fluoranthene
Concen: 45.204 ng
RT: 19.425 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

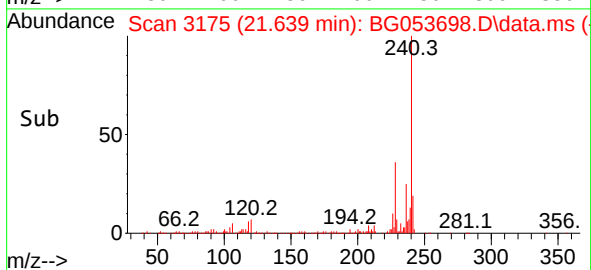
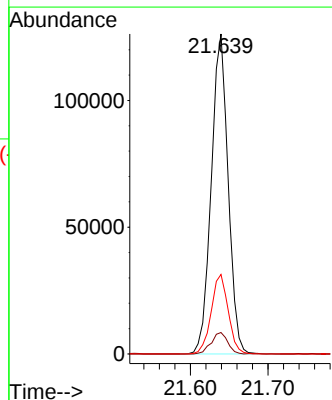
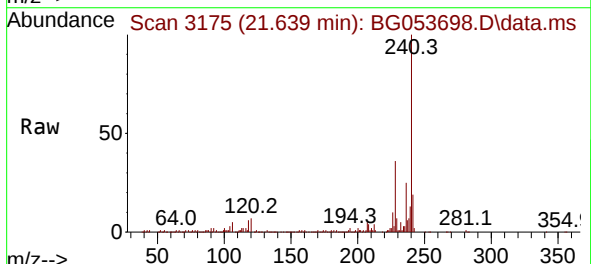
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

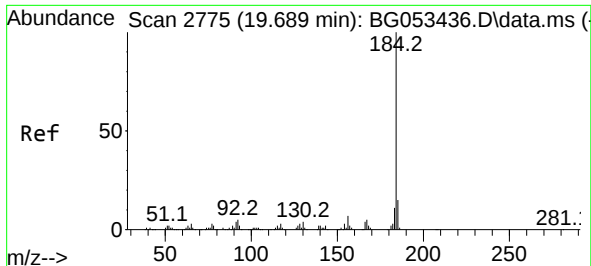
Tgt Ion:202 Resp: 582148
Ion Ratio Lower Upper
202 100
101 7.5 0.0 26.9
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:240 Resp: 190907
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 24.9 20.2 30.4

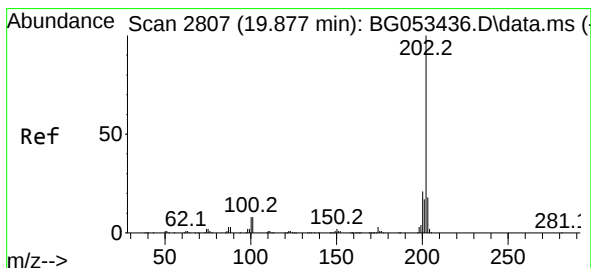
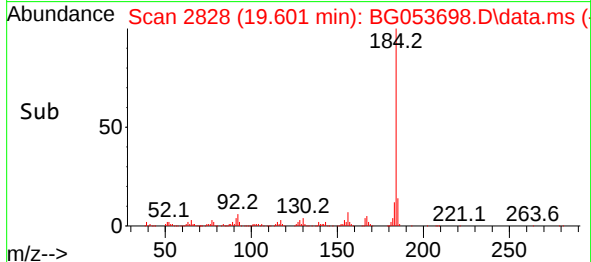
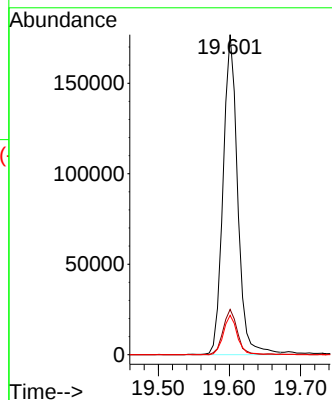
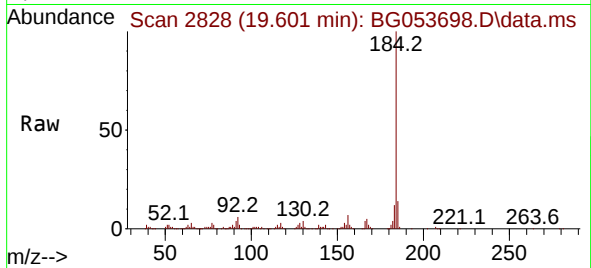




#77
Benzidine
Concen: 61.053 ng
RT: 19.601 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

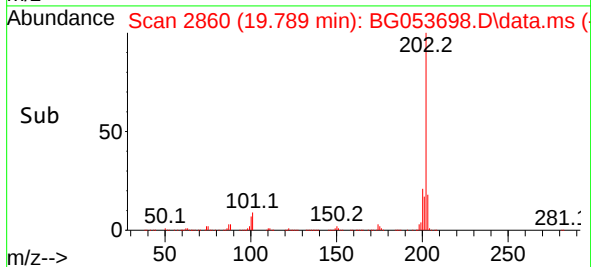
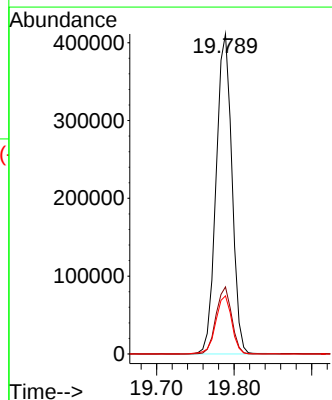
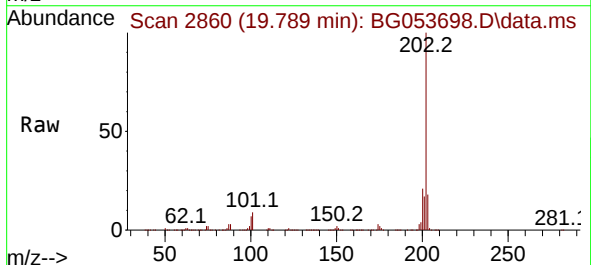
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

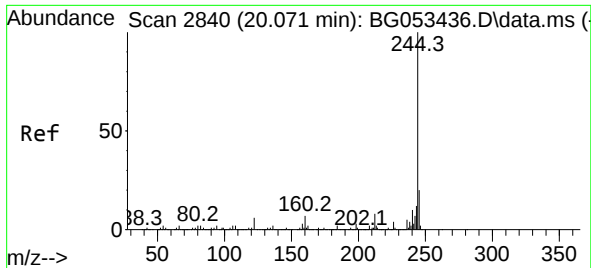
Tgt Ion:184 Resp: 251219
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 12.3 8.9 13.3



#78
Pyrene
Concen: 47.004 ng
RT: 19.789 min Scan# 2860
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:202 Resp: 580898
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 18.2 14.6 21.8

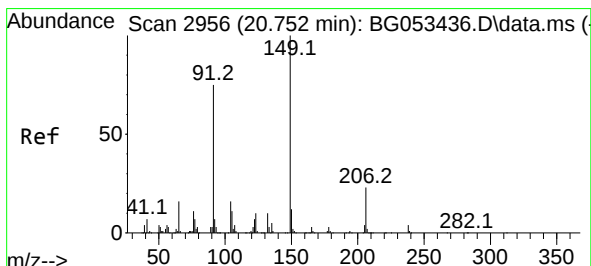
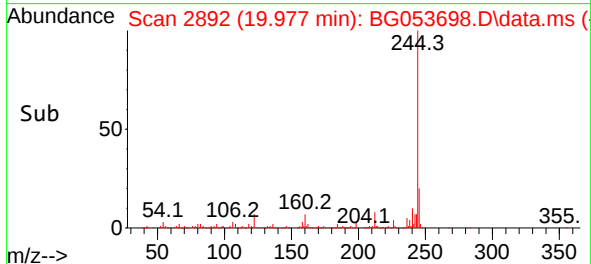
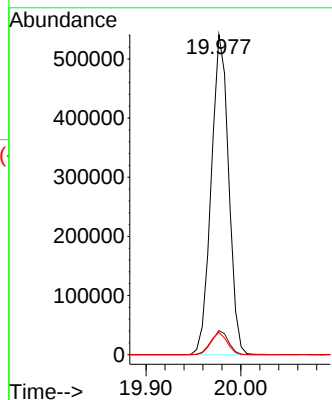
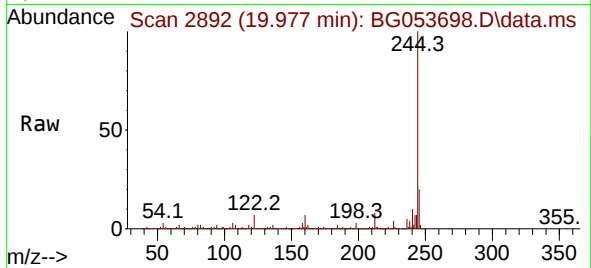




#79
 Terphenyl-d14
 Concen: 67.284 ng
 RT: 19.977 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

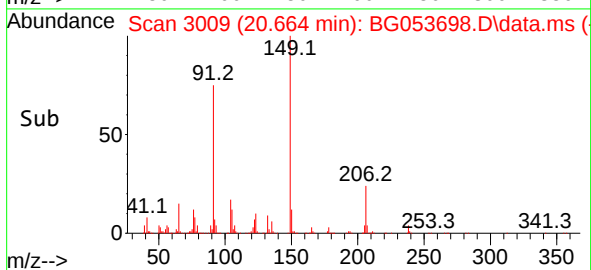
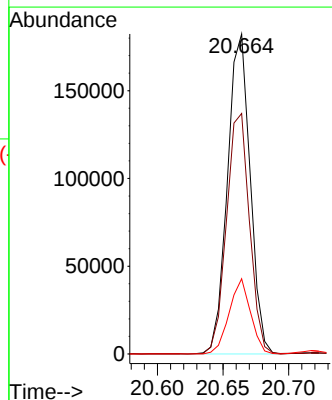
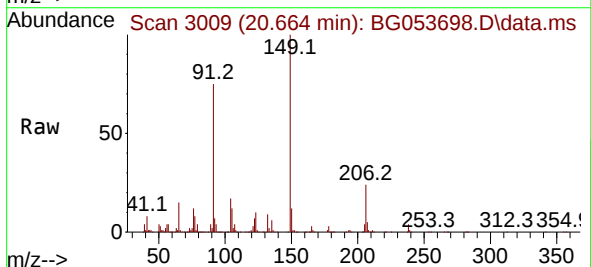
Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01MSD

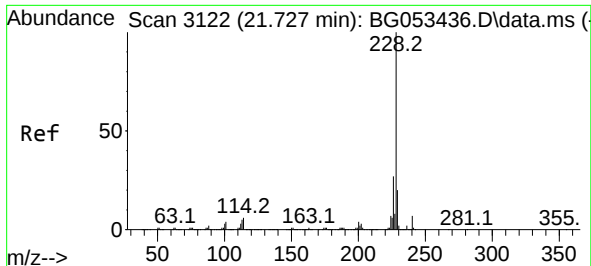
Tgt Ion:244 Resp: 689670
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.0 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 48.292 ng
 RT: 20.664 min Scan# 3009
 Delta R.T. 0.001 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

Tgt Ion:149 Resp: 218849
 Ion Ratio Lower Upper
 149 100
 91 75.1 59.6 89.4
 206 23.5 18.6 28.0

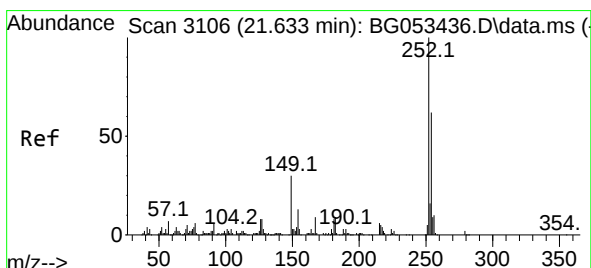
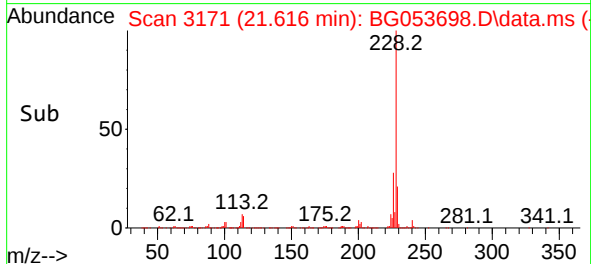
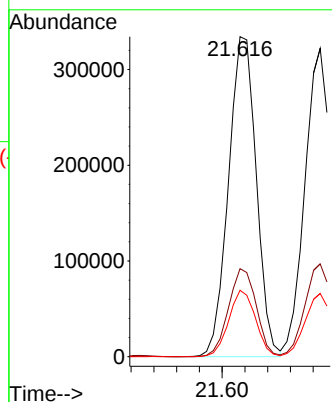
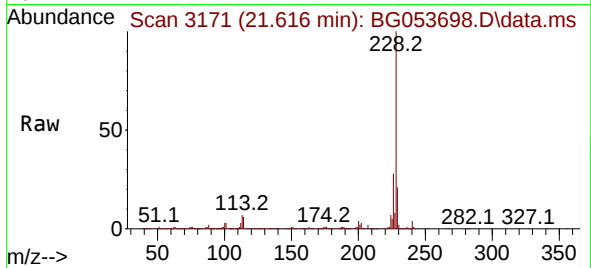




#81
Benzo(a)anthracene
Concen: 46.635 ng
RT: 21.616 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

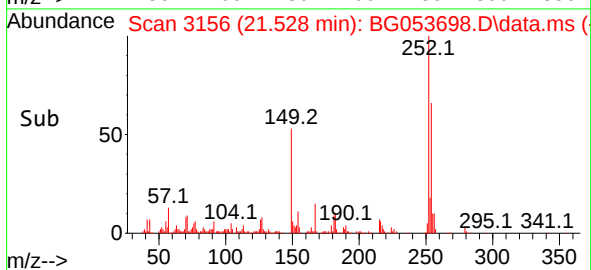
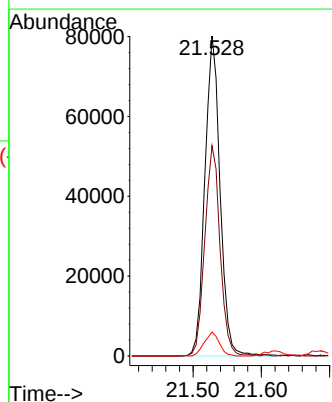
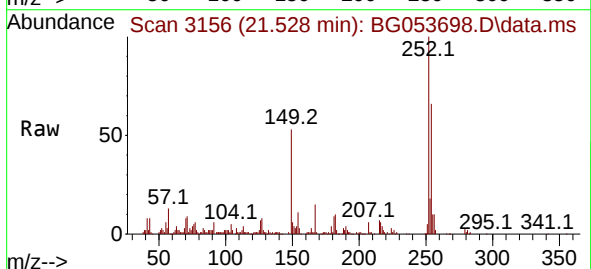
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

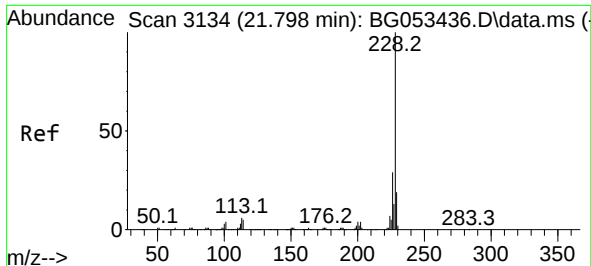
Tgt Ion:228 Resp: 567847
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 40.260 ng
RT: 21.528 min Scan# 3156
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:252 Resp: 124315
Ion Ratio Lower Upper
252 100
254 65.7 49.8 74.8
126 7.5 6.0 9.0





#83

Chrysene

Concen: 45.702 ng

RT: 21.686 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

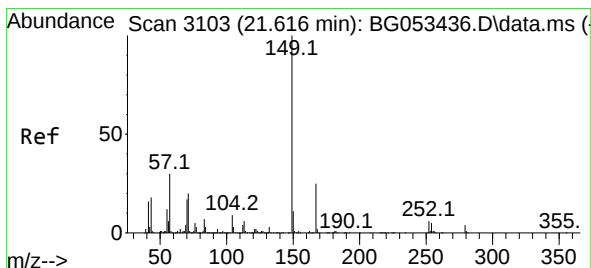
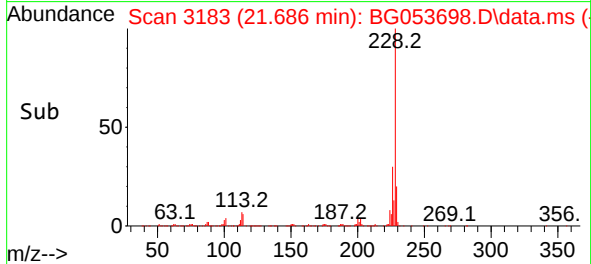
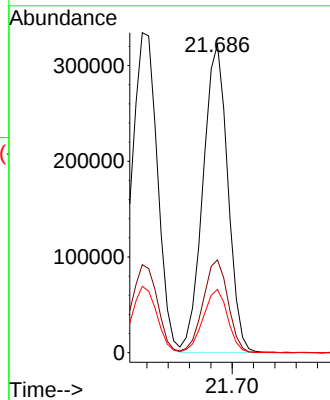
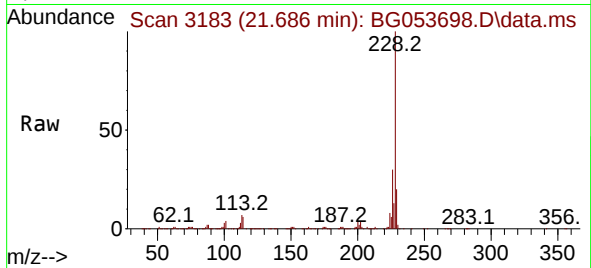
Tgt Ion:228 Resp: 519734

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

229 20.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.299 ng

RT: 21.510 min Scan# 3153

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

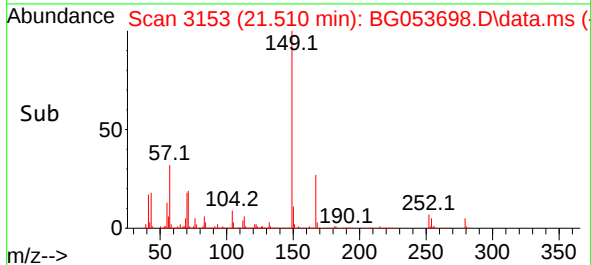
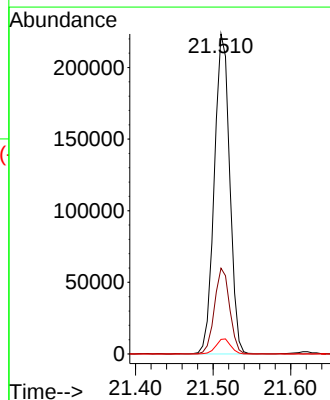
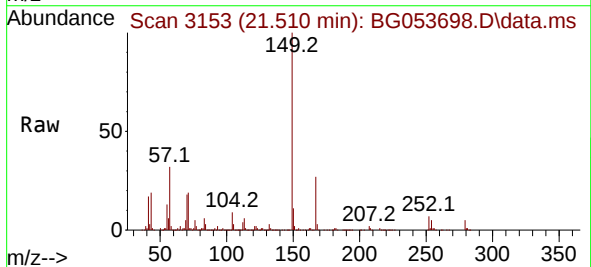
Tgt Ion:149 Resp: 308357

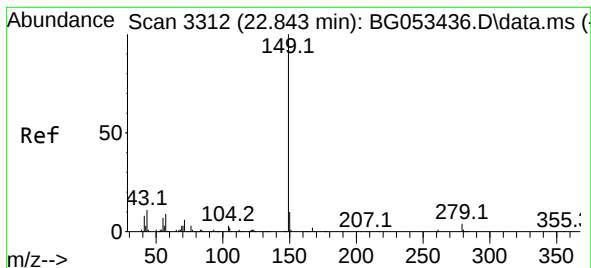
Ion Ratio Lower Upper

149 100

167 26.8 20.2 30.4

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.458 ng

RT: 22.708 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

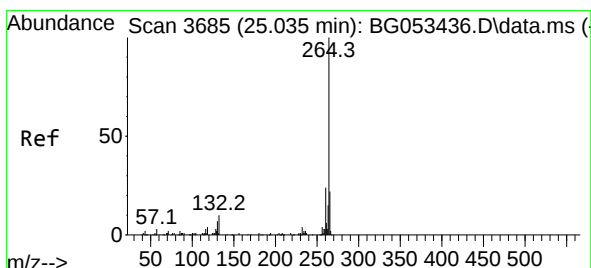
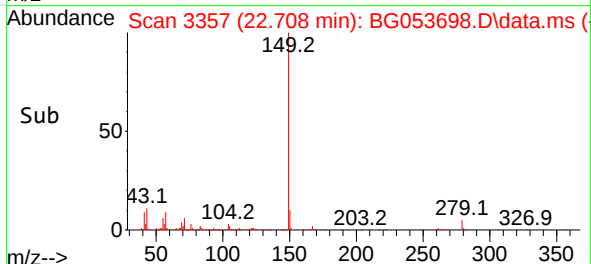
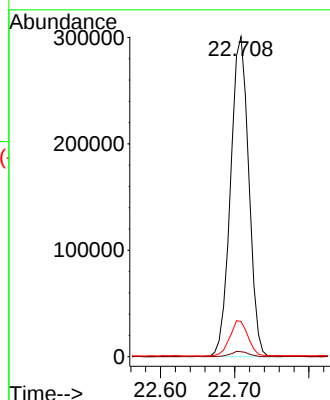
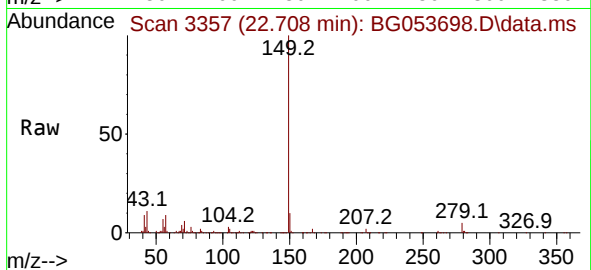
Tgt Ion:149 Resp: 512535

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.841 min Scan# 3720

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

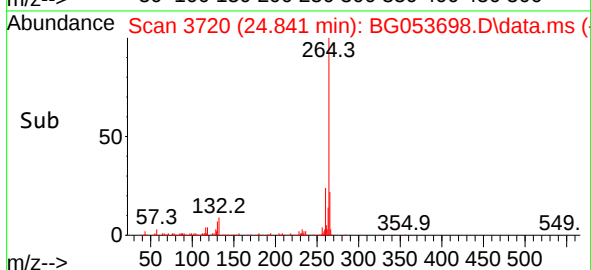
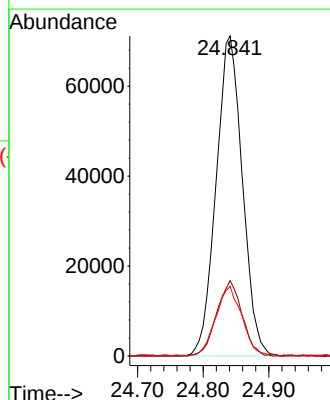
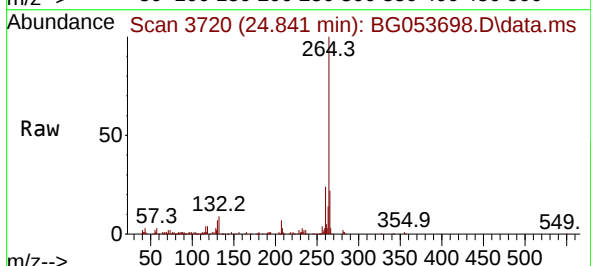
Tgt Ion:264 Resp: 197405

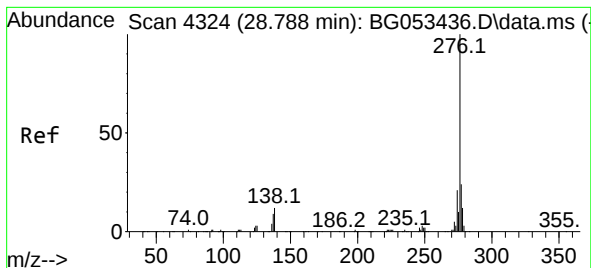
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.177 ng

RT: 28.524 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

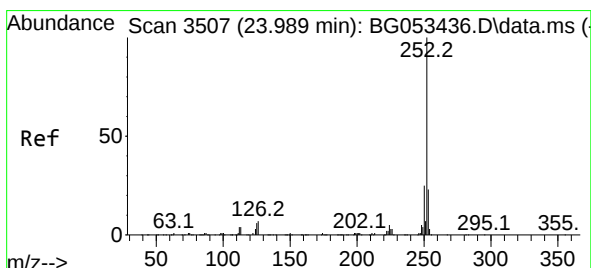
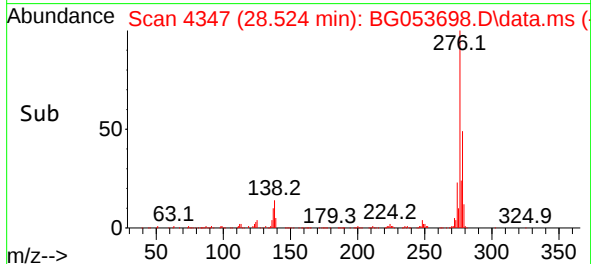
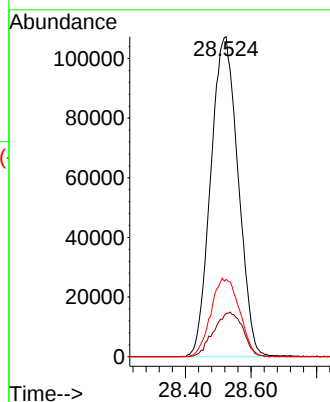
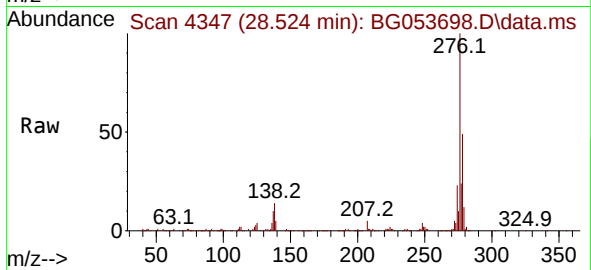
Tgt Ion:276 Resp: 621128

Ion Ratio Lower Upper

276 100

138 14.9 5.0 7.4#

277 0.0 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 50.358 ng

RT: 23.825 min Scan# 3547

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

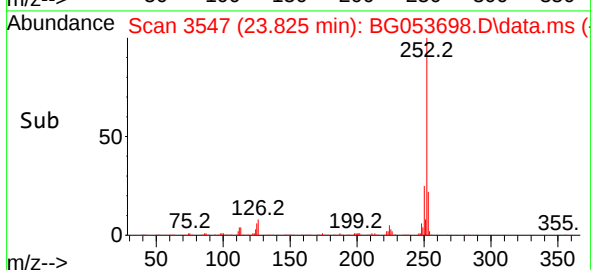
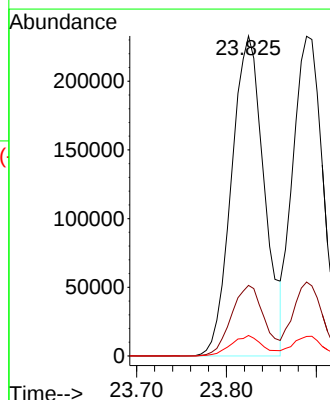
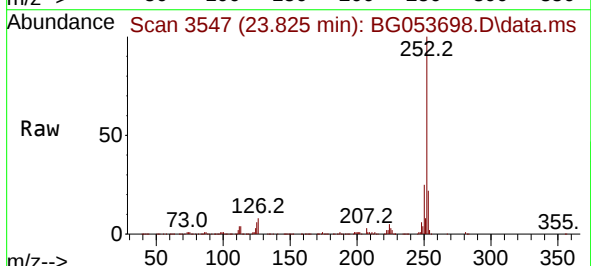
Tgt Ion:252 Resp: 588421

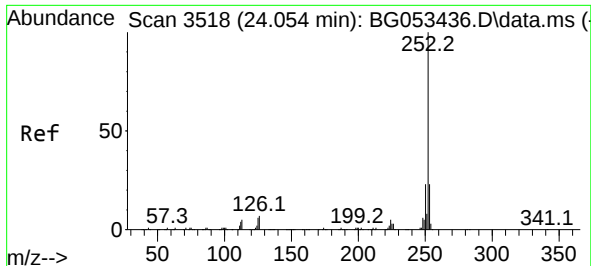
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 6.4 4.6 6.8

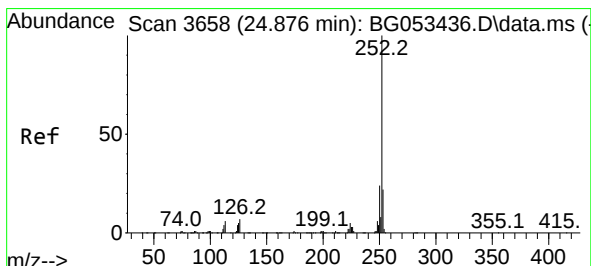
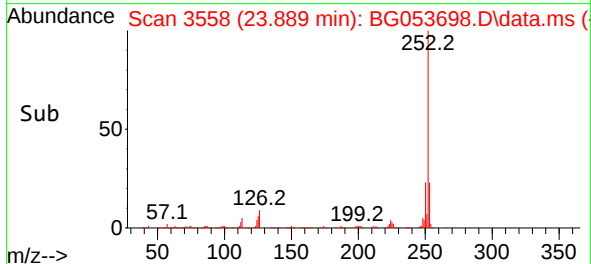
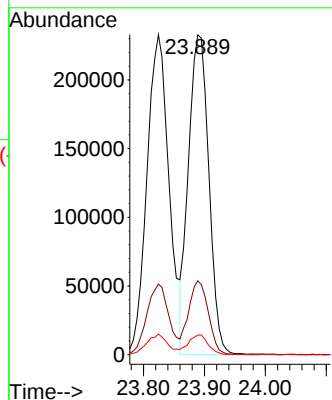
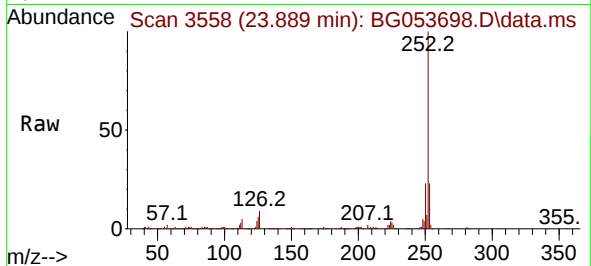




#89
Benzo(k)fluoranthene
Concen: 47.196 ng
RT: 23.889 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

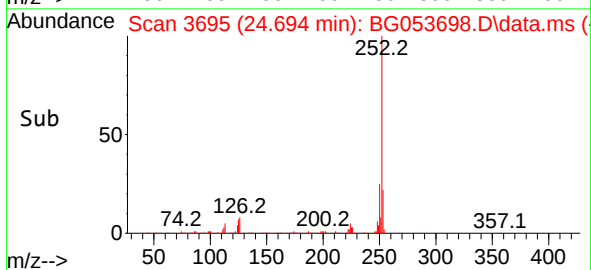
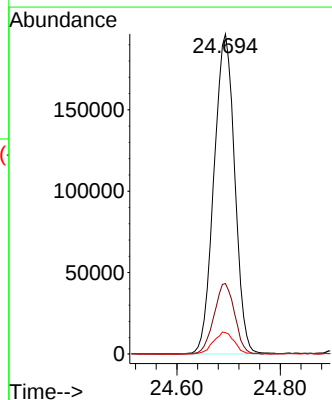
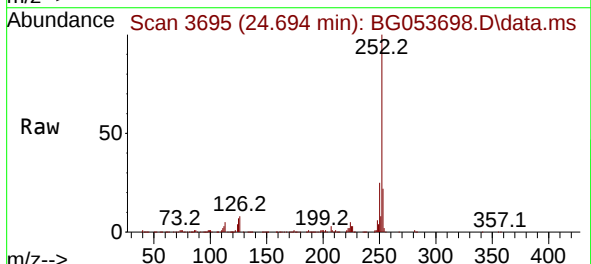
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

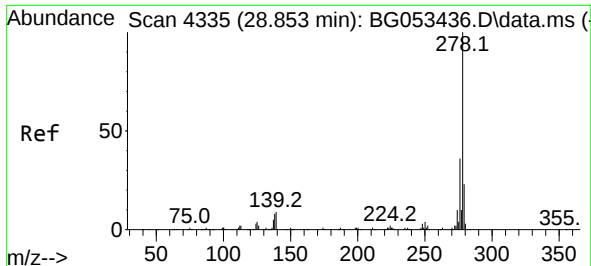
Tgt Ion:252 Resp: 541915
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 6.1 4.8 7.2



#90
Benzo(a)pyrene
Concen: 55.084 ng
RT: 24.694 min Scan# 3695
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:252 Resp: 547839
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.6 4.3 6.5#

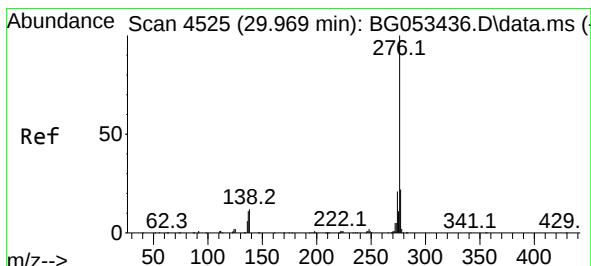
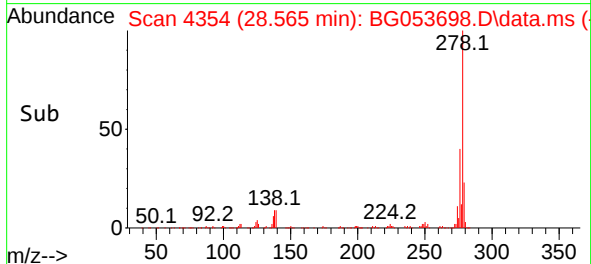
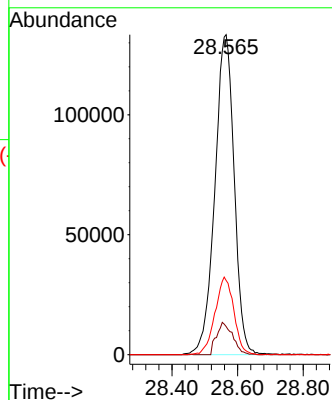
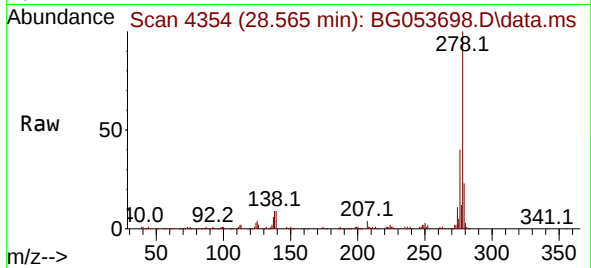




#91
 Dibenzo(a,h)anthracene
 Concen: 48.099 ng
 RT: 28.565 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01MSD

Tgt Ion:278 Resp: 544917
 Ion Ratio Lower Upper
 278 100
 139 8.8 7.2 10.8
 279 23.2 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 47.038 ng
 RT: 29.658 min Scan# 4540
 Delta R.T. 0.007 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

Tgt Ion:276 Resp: 528223
 Ion Ratio Lower Upper
 276 100
 277 23.3 17.3 25.9
 138 12.9 9.6 14.4

