

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053723.D
 Acq On : 26 May 2022 19:03
 Operator : CG/JU
 Sample : N2985-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS005-0006-01

Quant Time: May 27 05:00:50 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	7.981	152	28475	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	114160	20.000	ng	0.00
39) Acenaphthene-d10	14.619	164	80311	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	163644	20.000	ng	0.00
76) Chrysene-d12	21.633	240	154314	20.000	ng	0.00
86) Perylene-d12	24.835	264	155140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	170107	101.385	ng	0.00
7) Phenol-d6	7.164	99	258294	101.436	ng	0.00
23) Nitrobenzene-d5	9.144	82	181475	67.669	ng	-0.01
42) 2,4,6-Tribromophenol	16.117	330	111164	93.849	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	393057	71.518	ng	0.00
79) Terphenyl-d14	19.977	244	562302	67.866	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	179	0.203	ng	# 70
4) n-Nitrosodimethylamine	3.704	42	61	0.058	ng	# 1
6) Aniline	6.959	93	77	0.027	ng	# 41
9) Benzaldehyde	7.170	77	511	0.316	ng	# 10
10) Phenol	7.188	94	60	0.024	ng	# 1
11) bis(2-Chloroethyl)ether	6.959	93	77	0.041	ng	# 17
15) Benzyl Alcohol	8.204	79	400	0.188	ng	# 17
18) Hexachloroethane	8.692	117	58	0.073	ng	# 1
19) n-Nitroso-di-n-propyla...	9.150	70	25603	14.014	ng	# 81
22) Acetophenone	9.238	105	57	0.018	ng	# 49
24) Nitrobenzene	9.138	77	665	0.256	ng	# 48
25) Isophorone	9.320	82	157	0.035	ng	# 69
46) 1,1'-Biphenyl	13.239	154	533	0.097	ng	# 1
47) 2-Chloronaphthalene	13.791	162	55	0.013	ng	# 39
48) 2-Nitroaniline	13.938	65	58	0.036	ng	# 10
51) 2,6-Dinitrotoluene	14.619	165	10139	8.155	ng	# 19
52) Acenaphthene	14.619	154	248	0.061	ng	# 3
57) 2,4-Dinitrotoluene	14.619	165	10139	5.626	ng	# 24
58) Fluorene	16.111	166	2678	0.456	ng	# 79
60) Diethylphthalate	15.430	149	54	0.009	ng	# 57
61) 4-Chlorophenyl-phenyle...	16.058	204	155	0.047	ng	# 29
63) Azobenzene	15.935	77	73	0.011	ng	# 50
65) 4,6-Dinitro-2-methylph...	16.111	198	396	0.406	ng	# 61
66) n-Nitrosodiphenylamine	16.117	169	3447	0.802	ng	# 35
67) 4-Bromophenyl-phenylether	16.111	248	7386	3.865	ng	# 1
69) Atrazine	17.122	200	53	0.029	ng	# 38
71) Phenanthrene	17.503	178	62	0.007	ng	# 62
72) Anthracene	17.503	178	62	0.008	ng	# 60
73) Carbazole	17.791	167	59	0.007	ng	# 58
74) Di-n-butylphthalate	18.320	149	2179	0.242	ng	# 77
75) Fluoranthene	19.736	202	67	0.006	ng	# 66
77) Benzo(a)pyrene	19.971	184	9796	2.945	ng	# 95
78) Pyrene	19.794	202	412	0.041	ng	# 44
80) Butylbenzylphthalate	20.658	149	1333	0.364	ng	# 41
81) Benzo(a)anthracene	21.621	228	1590	0.162	ng	# 41
82) 3,3'-Dichlorobenzidine	21.527	252	57	0.023	ng	# 26

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

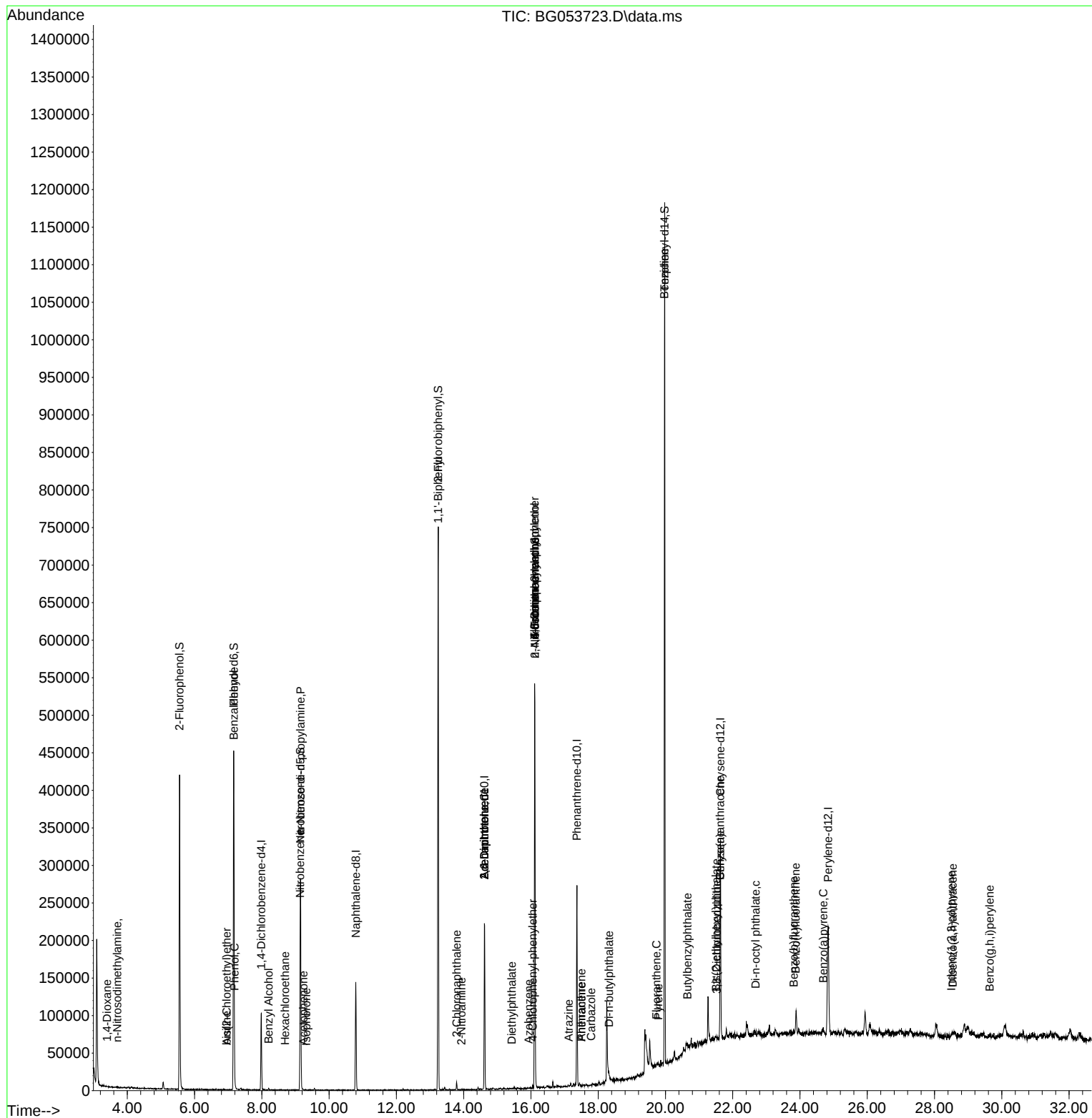
83) Chrysene	21.621	228	1590	0.173	ng	# 44
84) Bis(2-ethylhexyl)phtha...	21.504	149	2338	0.462	ng	# 97
85) Di-n-octyl phthalate	22.685	149	402	0.047	ng	# 1
87) Indeno(1,2,3-cd)pyrene	28.500	276	361	0.033	ng	# 43
88) Benzo(b)fluoranthene	23.813	252	1092	0.119	ng	# 22
89) Benzo(k)fluoranthene	23.871	252	512	0.057	ng	# 1
90) Benzo(a)pyrene	24.694	252	480	0.061	ng	# 1
91) Dibenzo(a,h)anthracene	28.541	278	183	0.021	ng	# 2
92) Benzo(g,h,i)perylene	29.640	276	892	0.101	ng	# 46

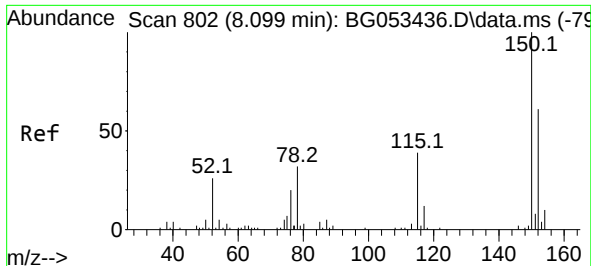
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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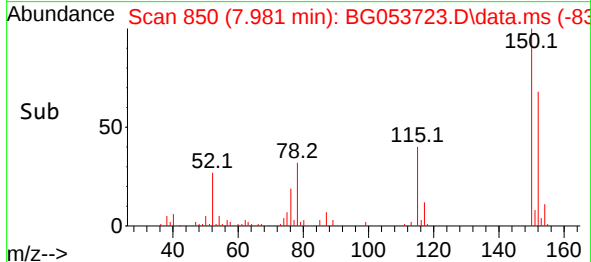
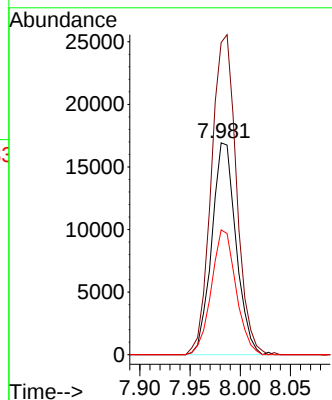
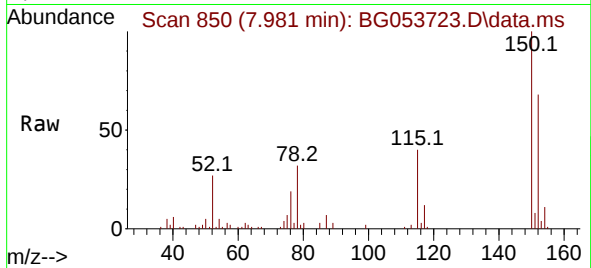




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

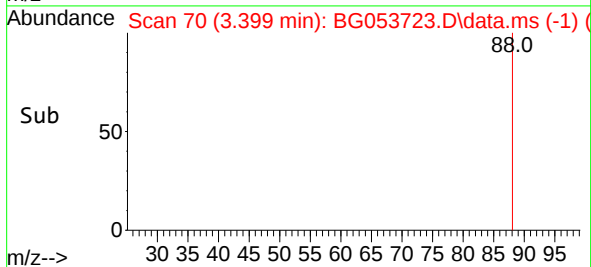
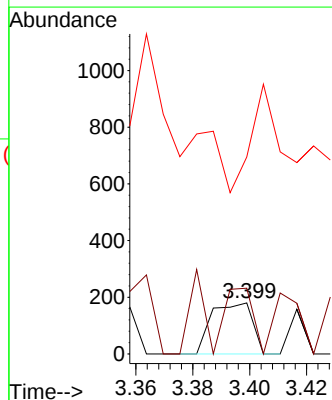
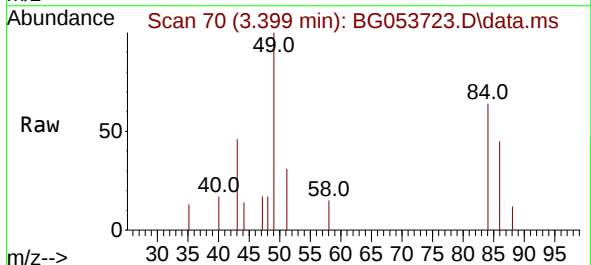
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

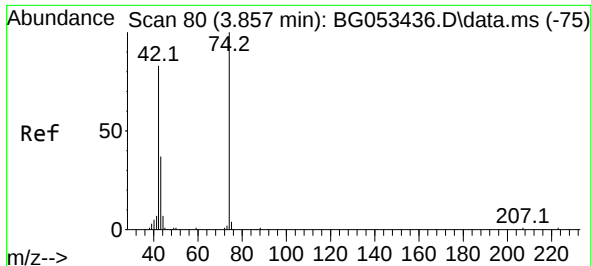
Tgt Ion:152 Resp: 28475
Ion Ratio Lower Upper
152 100
150 147.4 131.6 197.4
115 58.9 50.9 76.3



#2
1,4-Dioxane
Concen: 0.203 ng
RT: 3.399 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 88 Resp: 179
Ion Ratio Lower Upper
88 100
58 90.5 59.2 88.8#
43 0.0 24.3 36.5#

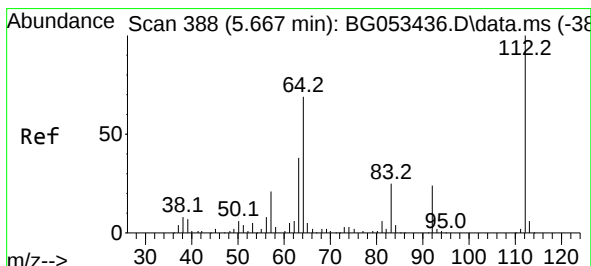
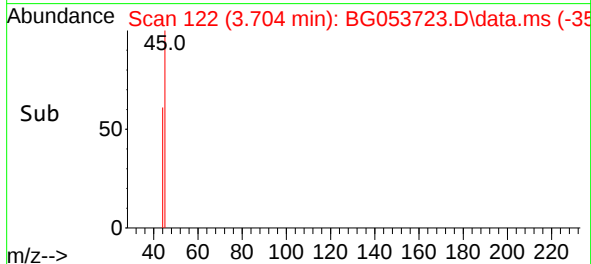
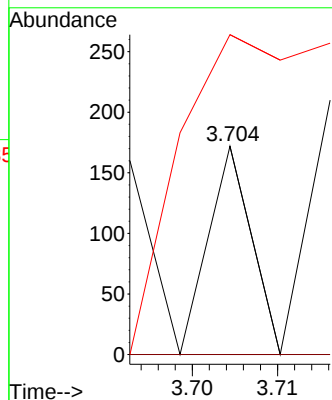
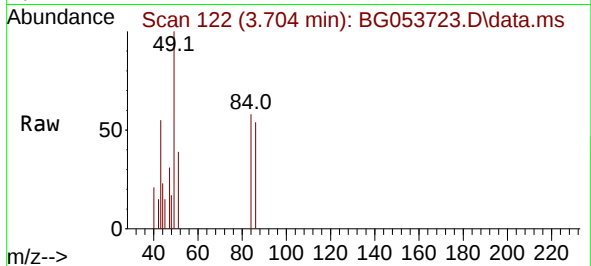




#4
n-Nitrosodimethylamine
Concen: 0.058 ng
RT: 3.704 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

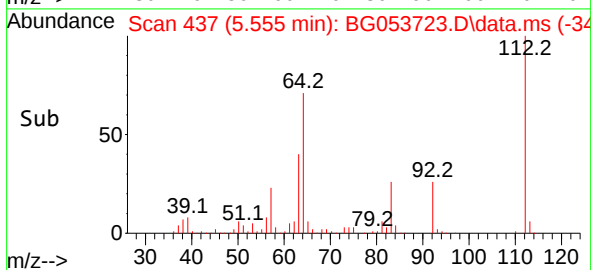
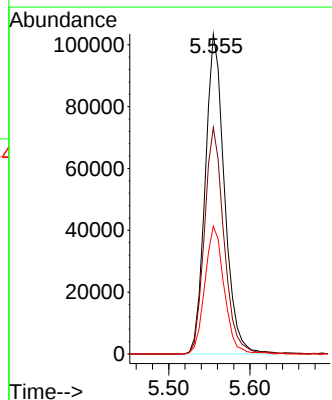
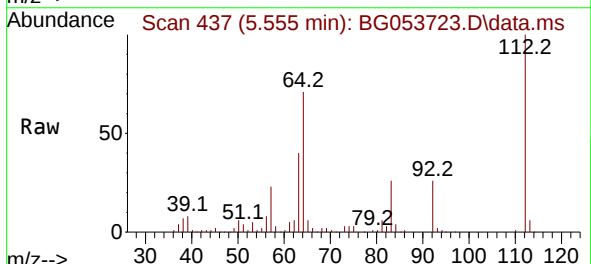
Instrument :
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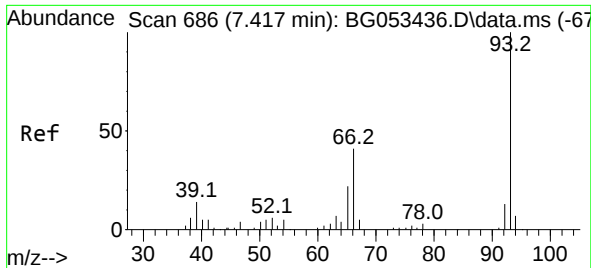
Tgt Ion: 42 Resp: 61
Ion Ratio Lower Upper
42 100
74 0.0 97.0 145.4#
44 153.5 7.0 10.4#



#5
2-Fluorophenol
Concen: 101.385 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.001 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 112 Resp: 170107
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 39.9 30.4 45.6

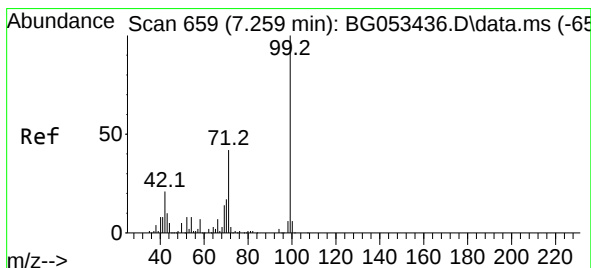
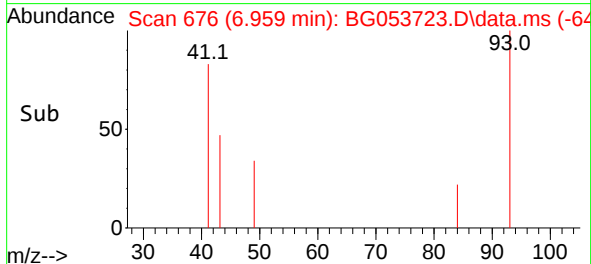
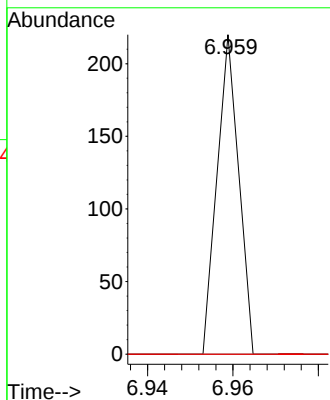
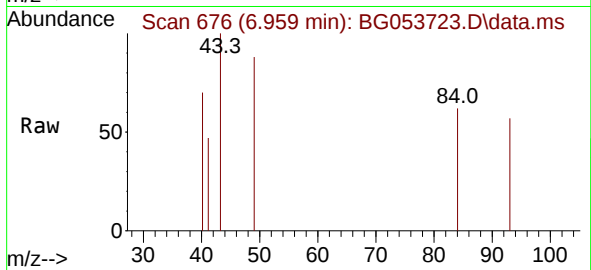




#6
Aniline
Concen: 0.027 ng
RT: 6.959 min Scan# 61
Delta R.T. -0.352 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

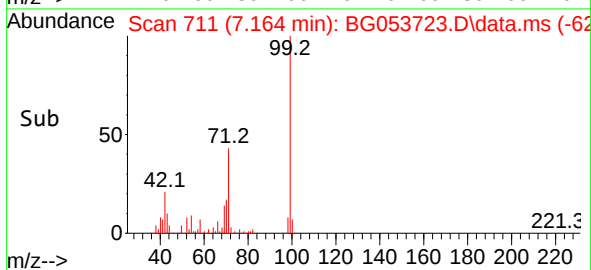
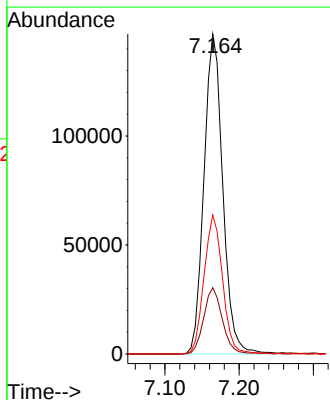
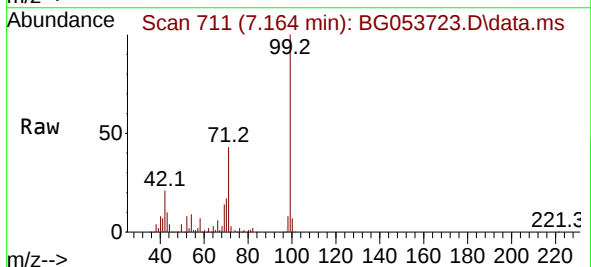
Instrument :
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ClientSampleId :
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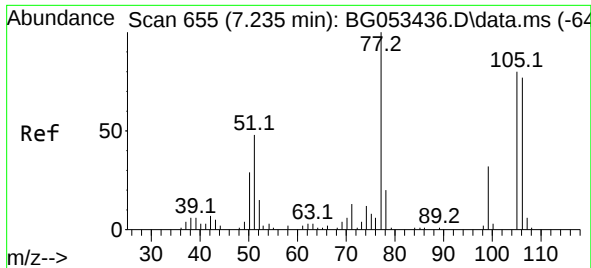
Tgt Ion: 93 Resp: 77
Ion Ratio Lower Upper
93 100
66 0.0 32.9 49.3#
65 0.0 17.8 26.8#



#7
Phenol-d6
Concen: 101.436 ng
RT: 7.164 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 99 Resp: 258294
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 43.5 33.8 50.8

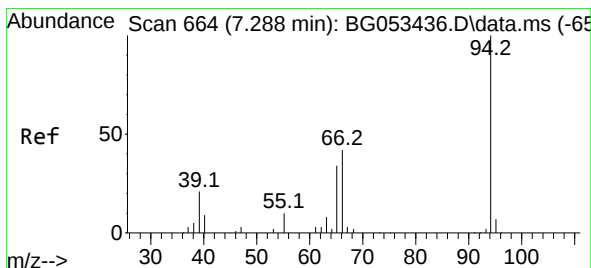
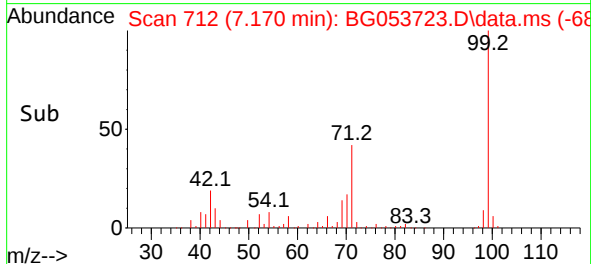
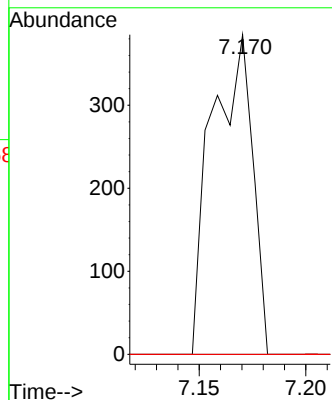
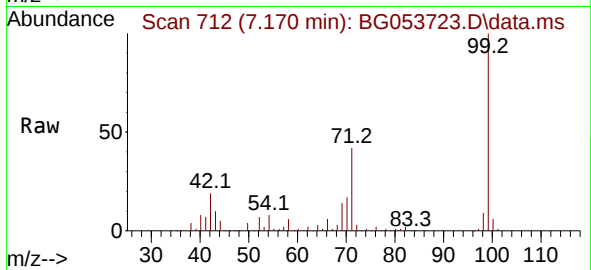




#9
Benzaldehyde
Concen: 0.316 ng
RT: 7.170 min Scan# 710
Delta R.T. 0.048 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

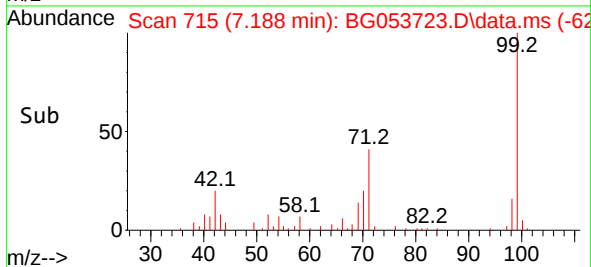
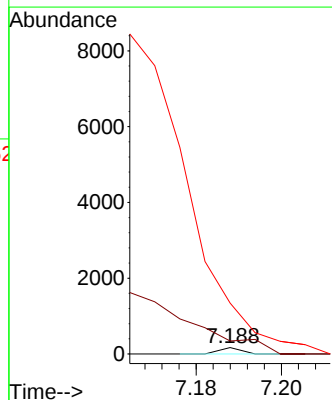
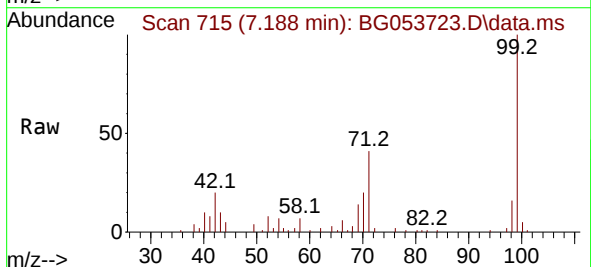
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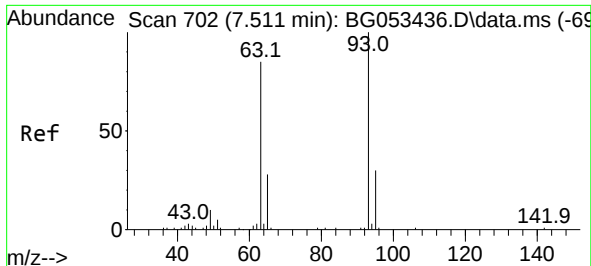
Tgt Ion: 77 Resp: 511
Ion Ratio Lower Upper
77 100
105 0.0 59.6 99.6#
106 0.0 56.8 96.8#



#10
Phenol
Concen: 0.024 ng
RT: 7.188 min Scan# 715
Delta R.T. 0.001 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 94 Resp: 60
Ion Ratio Lower Upper
94 100
65 201.8 14.8 54.8#
66 789.4 25.2 65.2#

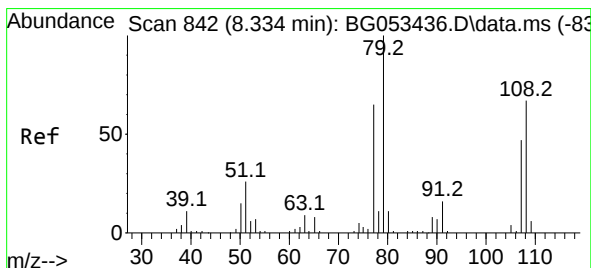
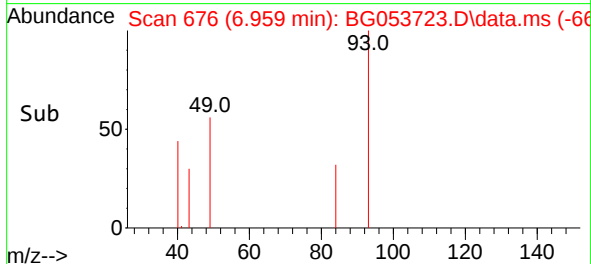
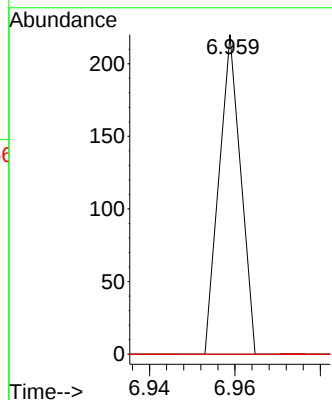
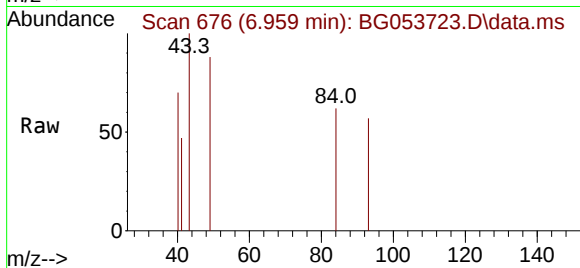




#11
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 6.959 min Scan# 61
Delta R.T. -0.446 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

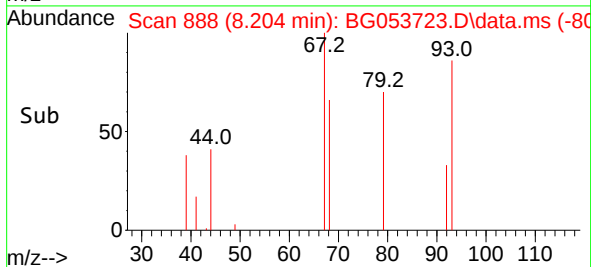
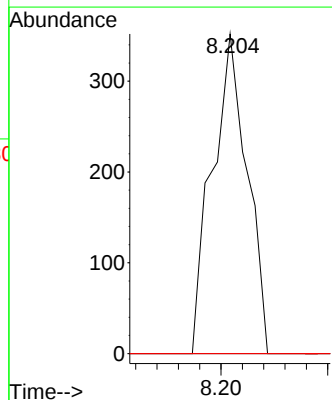
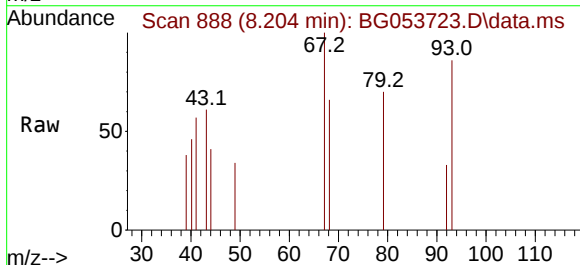
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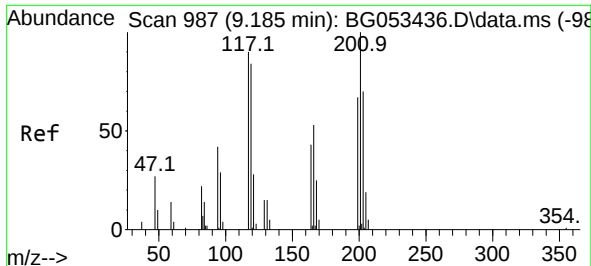
Tgt Ion: 93 Resp: 77
Ion Ratio Lower Upper
93 100
63 0.0 63.6 103.6#
95 0.0 10.1 50.1#



#15
Benzyl Alcohol
Concen: 0.188 ng
RT: 8.204 min Scan# 888
Delta R.T. -0.023 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 79 Resp: 400
Ion Ratio Lower Upper
79 100
108 0.0 53.7 80.5#
77 0.0 52.2 78.4#

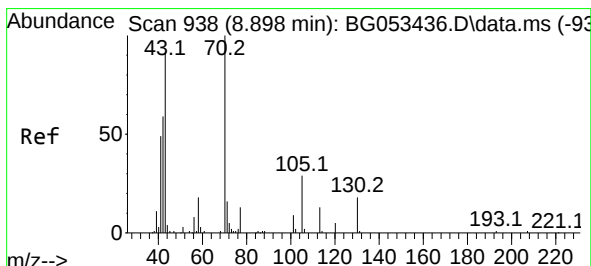
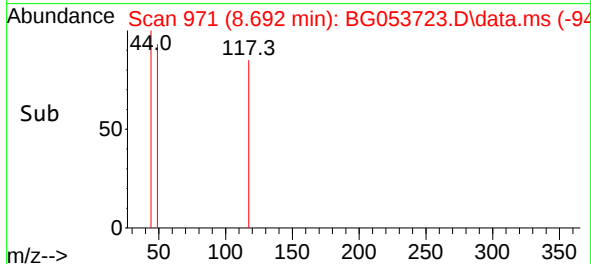
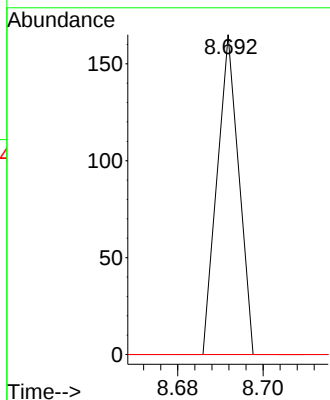
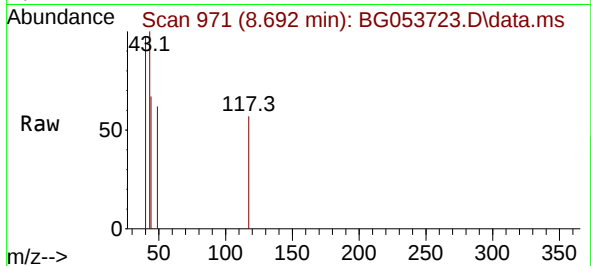




#18
Hexachloroethane
Concen: 0.073 ng
RT: 8.692 min Scan# 91
Delta R.T. -0.375 min
Lab File: BG053723.D
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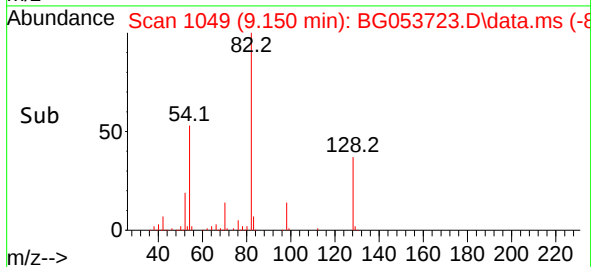
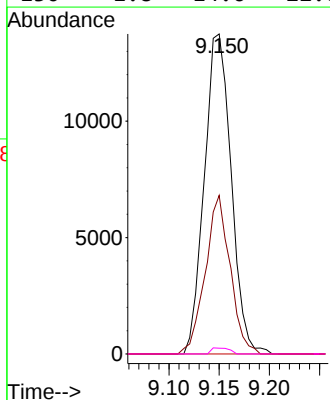
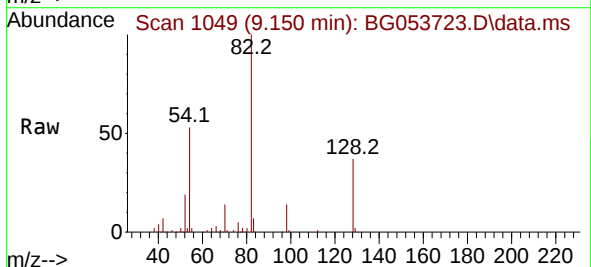
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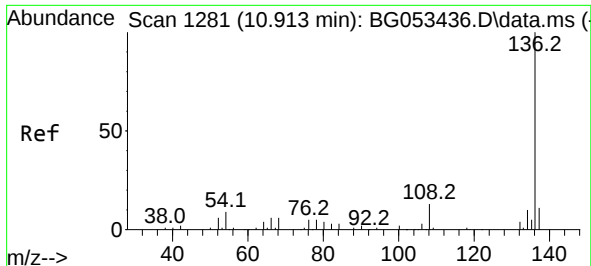
Tgt Ion:117 Resp: 58
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 89.0 133.6#



#19
n-Nitroso-di-n-propylamine
Concen: 14.014 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.353 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 70 Resp: 25603
Ion Ratio Lower Upper
70 100
42 49.5 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

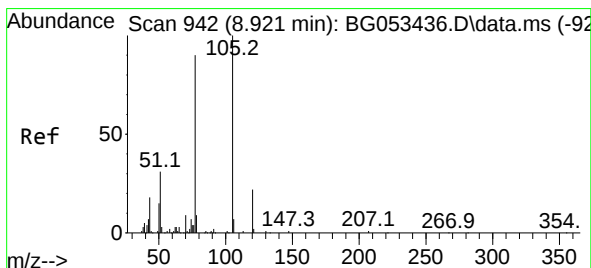
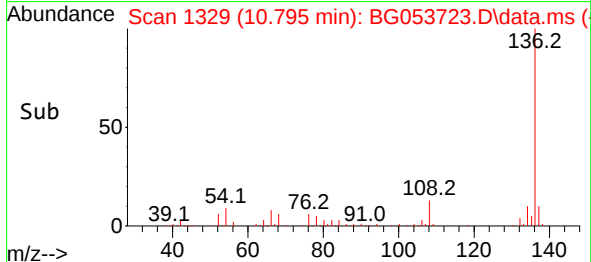
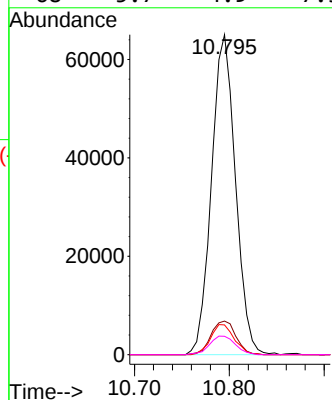
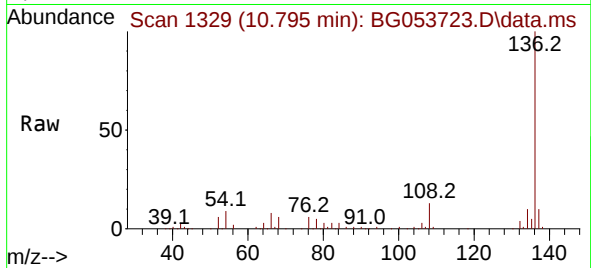




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

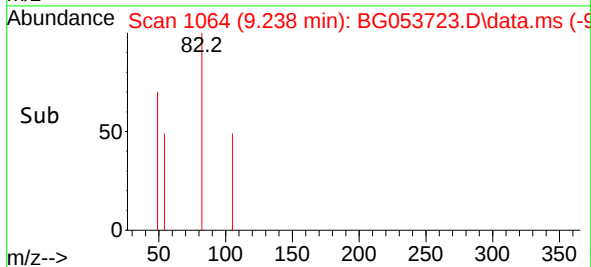
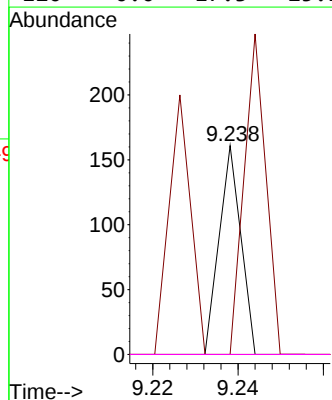
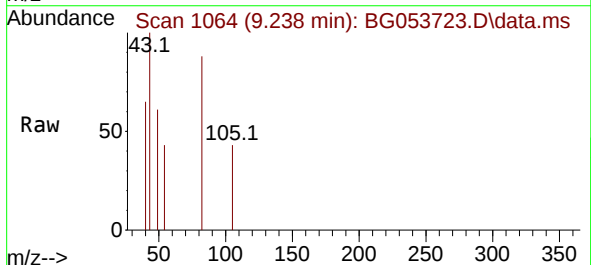
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

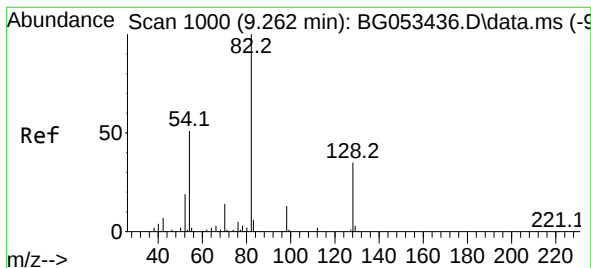
Tgt Ion:	136	Resp:	114160
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	9.3	7.4	11.2
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 0.018 ng
RT: 9.238 min Scan# 1064
Delta R.T. 0.424 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion:	105	Resp:	57
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	0.0	25.4	38.0#
120	0.0	17.3	25.9#





#23

Nitrobenzene-d5

Concen: 67.669 ng

RT: 9.144 min Scan# 1048

Delta R.T. -0.011 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

Instrument :

BNA_G

ClientSampleId :

P021-SS005-0006-01

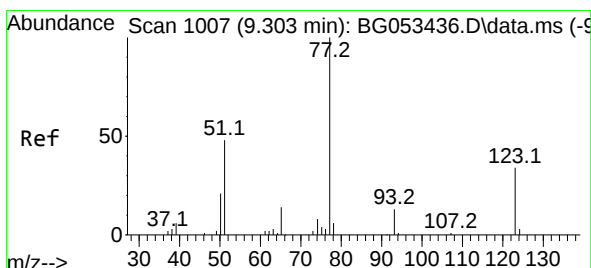
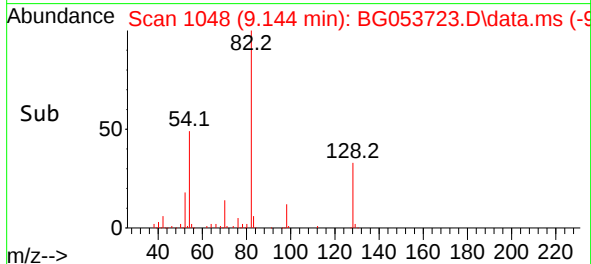
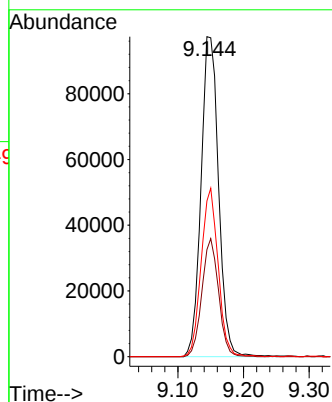
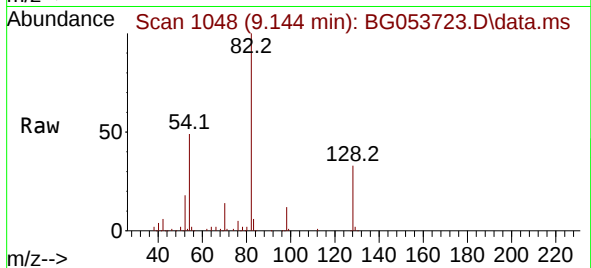
Tgt Ion: 82 Resp: 181475

Ion Ratio Lower Upper

82 100

128 33.5 27.9 41.9

54 48.7 41.2 61.8



#24

Nitrobenzene

Concen: 0.256 ng

RT: 9.138 min Scan# 1047

Delta R.T. -0.058 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

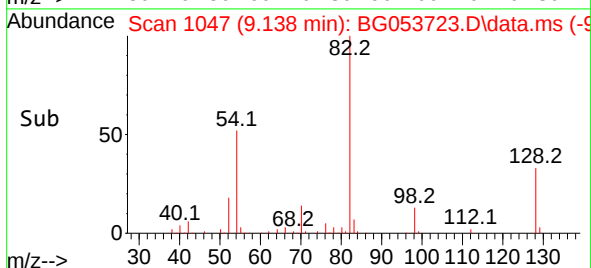
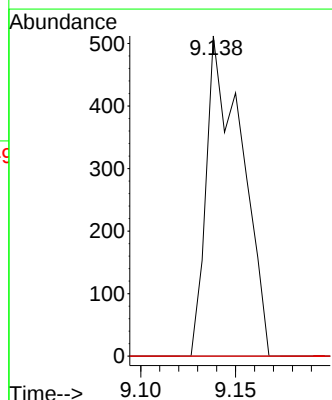
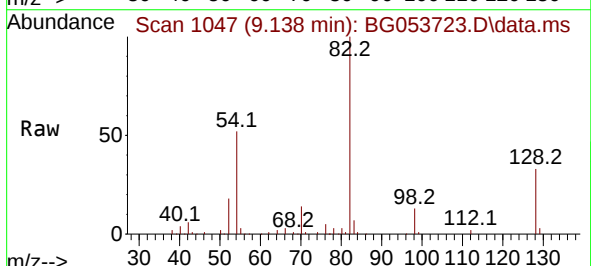
Tgt Ion: 77 Resp: 665

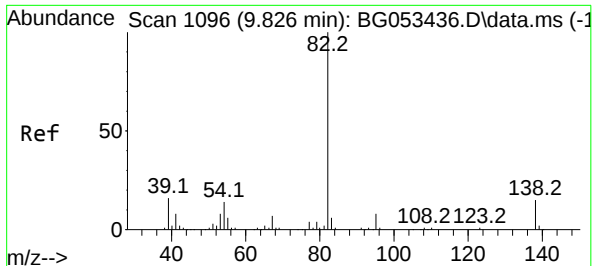
Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

65 0.0 11.4 17.0#

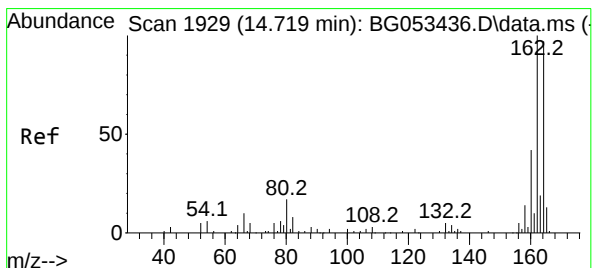
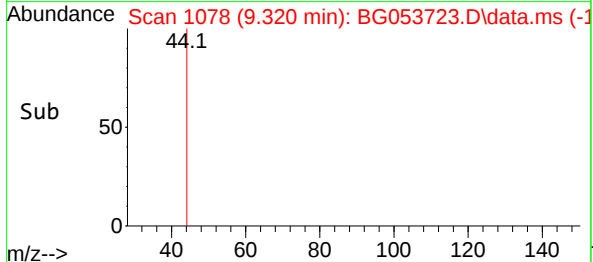
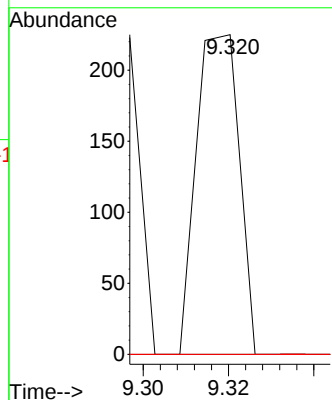
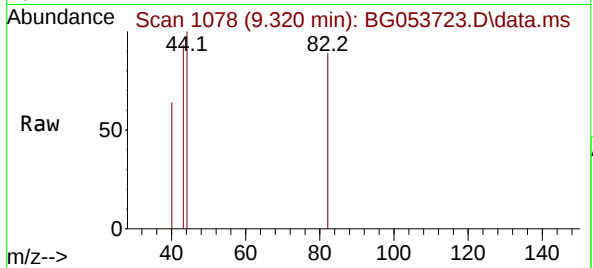




#25
Isophorone
Concen: 0.035 ng
RT: 9.320 min Scan# 1096
Delta R.T. -0.399 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

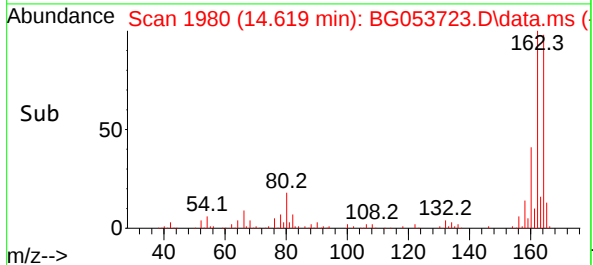
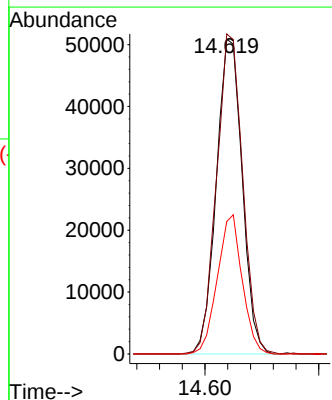
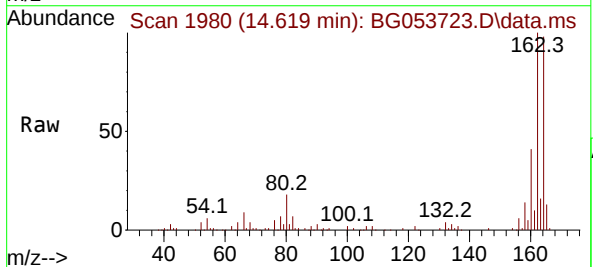
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

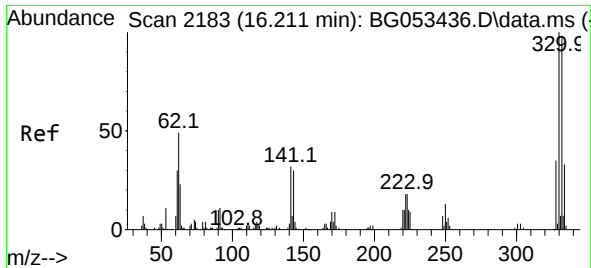
Tgt Ion: 82 Resp: 157
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 164 Resp: 80311
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 42.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 93.849 ng

RT: 16.117 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

Instrument :

BNA_G

ClientSampleId :

P021-SS005-0006-01

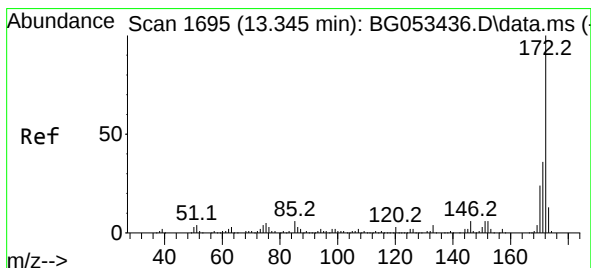
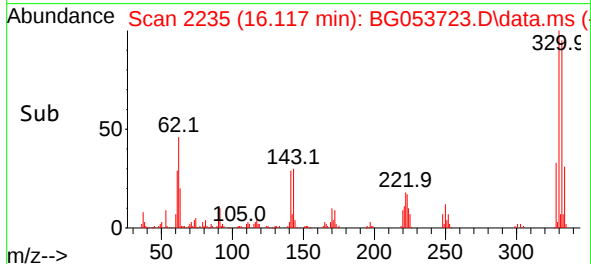
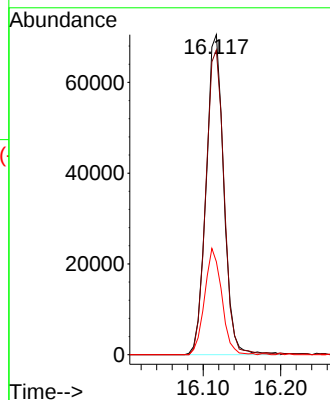
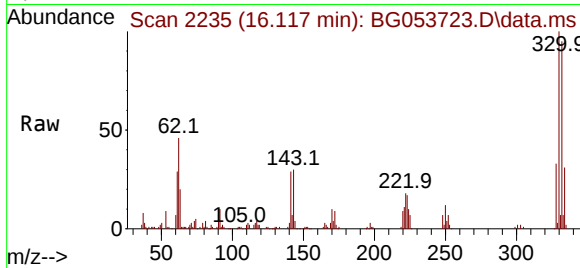
Tgt Ion:330 Resp: 111164

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 32.4 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 71.518 ng

RT: 13.244 min Scan# 1746

Delta R.T. 0.001 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

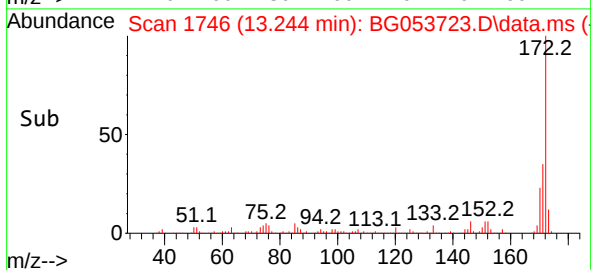
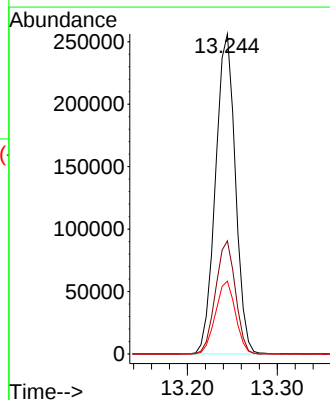
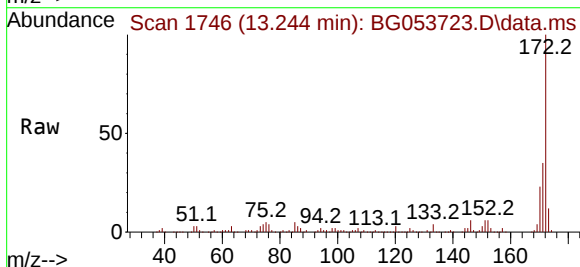
Tgt Ion:172 Resp: 393057

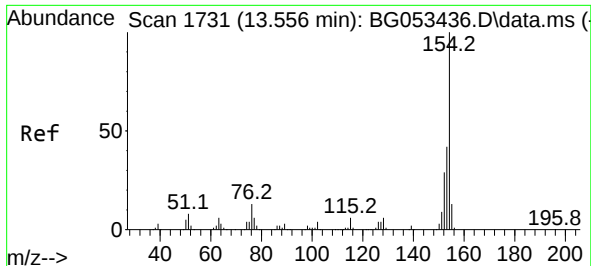
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 22.7 18.9 28.3





#46

1,1'-Biphenyl

Concen: 0.097 ng

RT: 13.239 min Scan# 1

Delta R.T. -0.223 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

Instrument :

BNA_G

ClientSampleId :

P021-SS005-0006-01

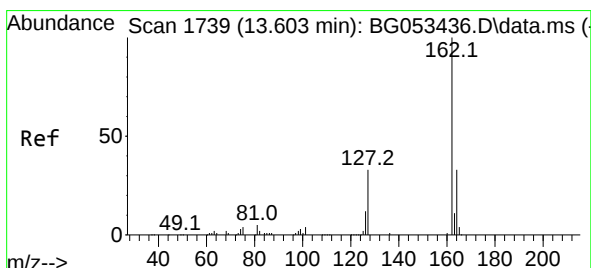
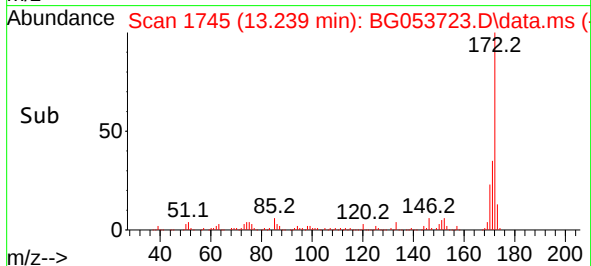
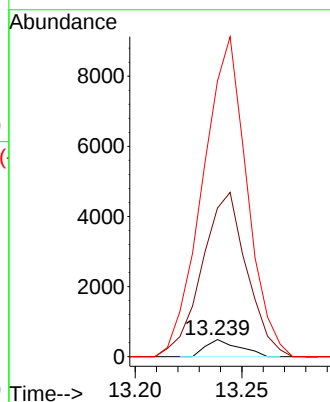
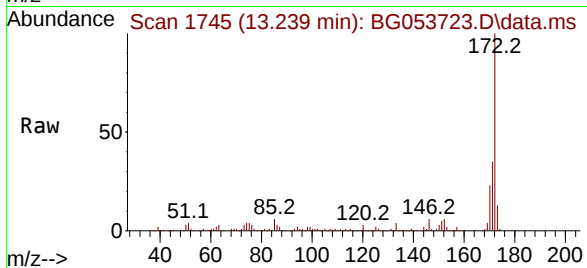
Tgt Ion:154 Resp: 533

Ion Ratio Lower Upper

154 100

153 868.9 21.6 61.6#

76 1611.7 0.0 32.6#



#47

2-Chloronaphthalene

Concen: 0.013 ng

RT: 13.791 min Scan# 1839

Delta R.T. 0.289 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

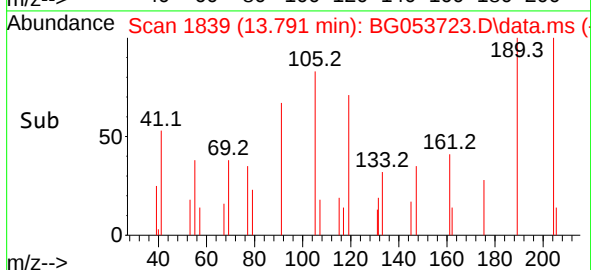
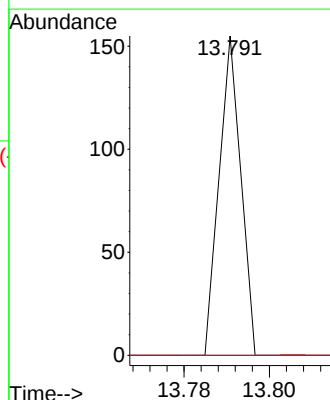
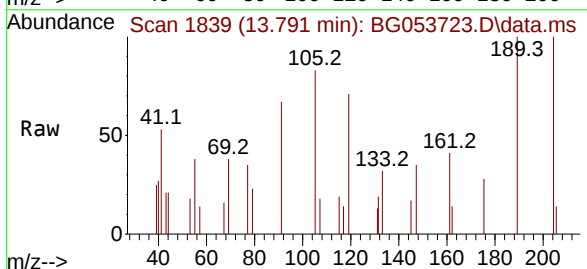
Tgt Ion:162 Resp: 55

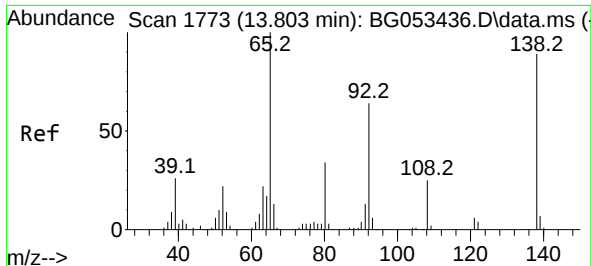
Ion Ratio Lower Upper

162 100

127 0.0 30.6 45.8#

164 0.0 26.5 39.7#

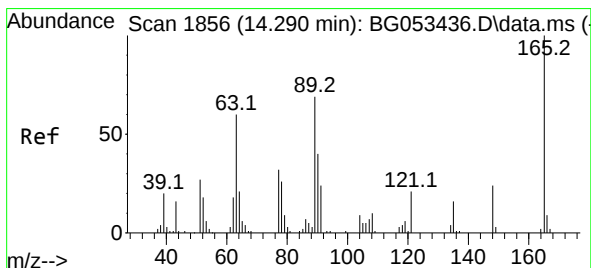
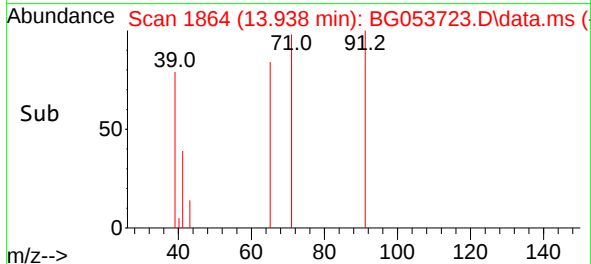
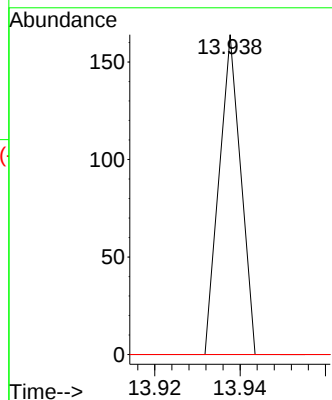
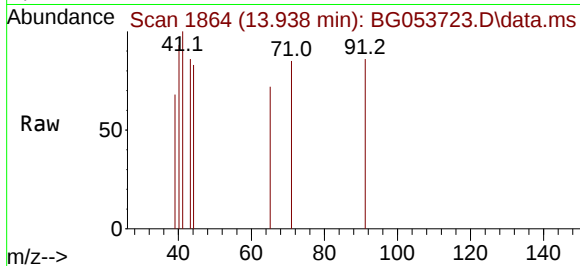




#48
2-Nitroaniline
Concen: 0.036 ng
RT: 13.938 min Scan# 11
Delta R.T. 0.230 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

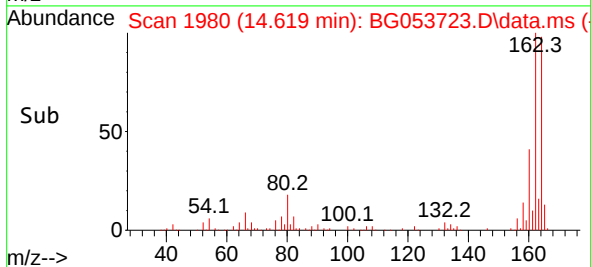
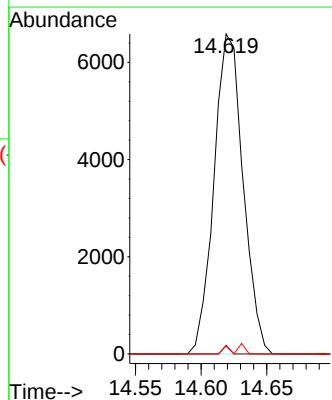
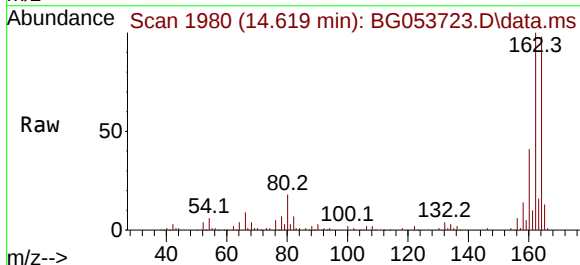
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

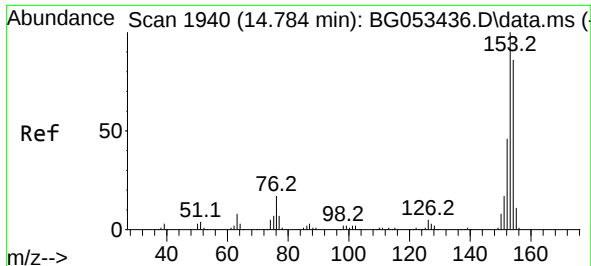
Tgt Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 8.155 ng
RT: 14.619 min Scan# 1980
Delta R.T. 0.418 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 165 Resp: 10139
Ion Ratio Lower Upper
165 100
63 2.6 54.1 81.1#
89 2.7 54.8 82.2#

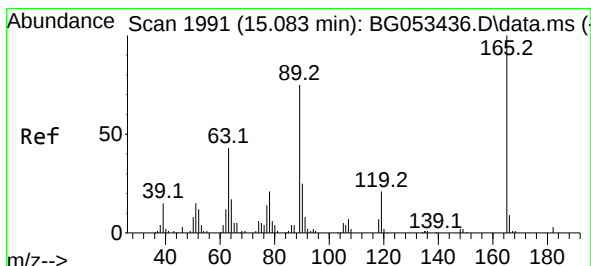
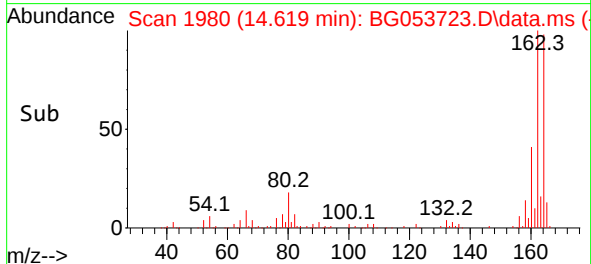
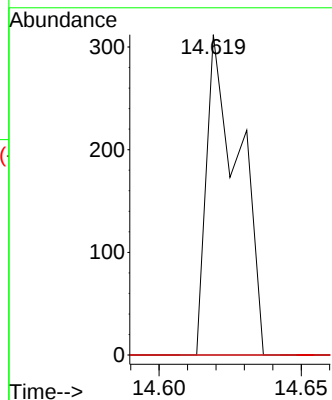
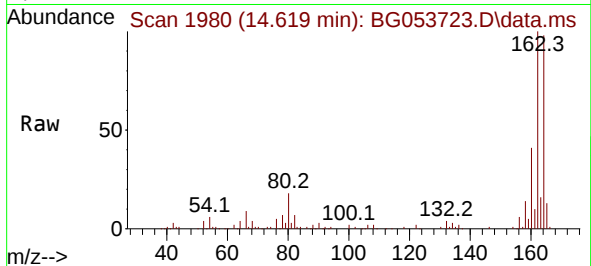




#52
Acenaphthene
Concen: 0.061 ng
RT: 14.619 min Scan# 1980
Delta R.T. -0.070 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

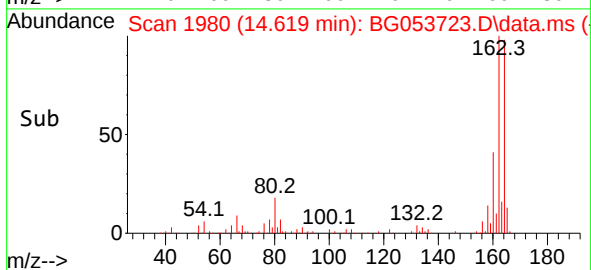
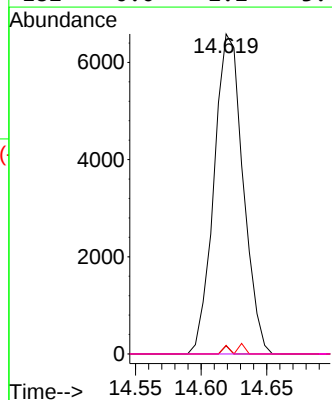
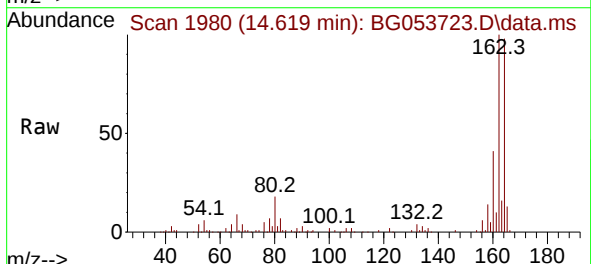
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

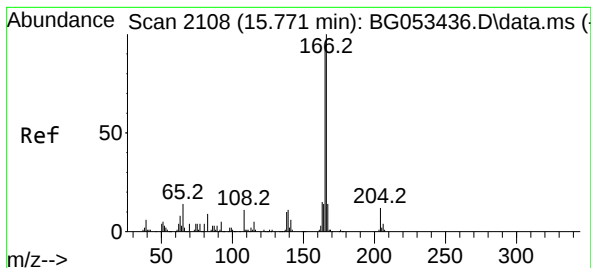
Tgt Ion:154 Resp: 248
Ion Ratio Lower Upper
154 100
153 0.0 92.7 139.1#
152 0.0 42.6 64.0#



#57
2,4-Dinitrotoluene
Concen: 5.626 ng
RT: 14.619 min Scan# 1980
Delta R.T. -0.375 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion:165 Resp: 10139
Ion Ratio Lower Upper
165 100
63 2.6 34.6 52.0#
89 2.7 60.3 90.5#
182 0.0 2.2 3.4#





#58

Fluorene

Concen: 0.456 ng

RT: 16.111 min Scan# 2118

Delta R.T. 0.435 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

Instrument :

BNA_G

ClientSampleId :

P021-SS005-0006-01

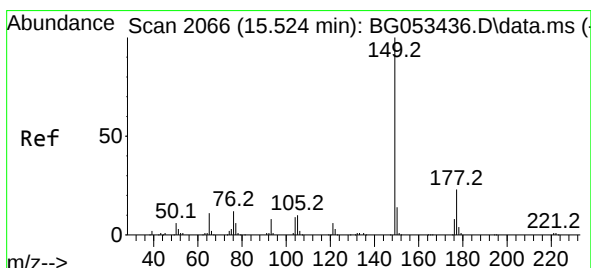
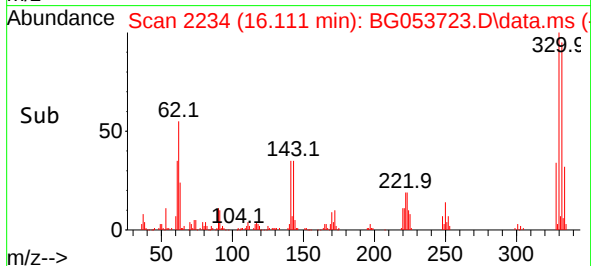
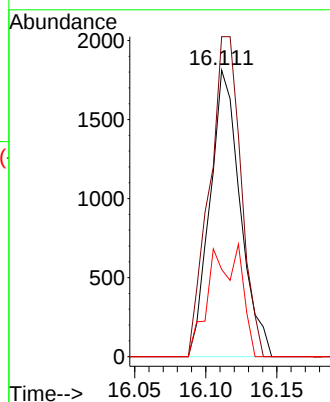
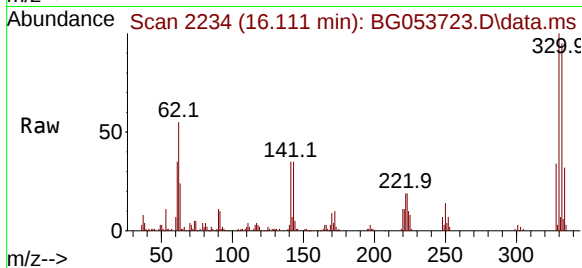
Tgt Ion:166 Resp: 2678

Ion Ratio Lower Upper

166 100

165 111.6 75.0 112.6

167 30.4 10.8 16.2#



#60

Diethylphthalate

Concen: 0.009 ng

RT: 15.430 min Scan# 2118

Delta R.T. -0.005 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

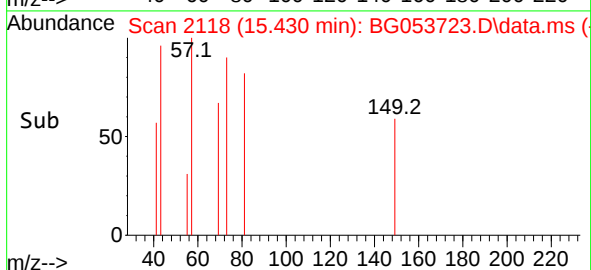
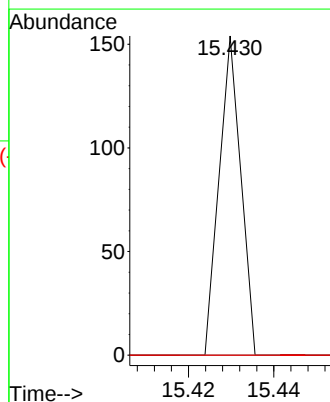
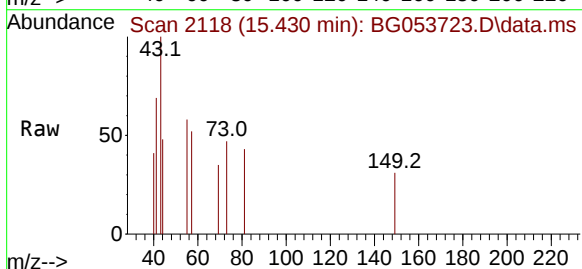
Tgt Ion:149 Resp: 54

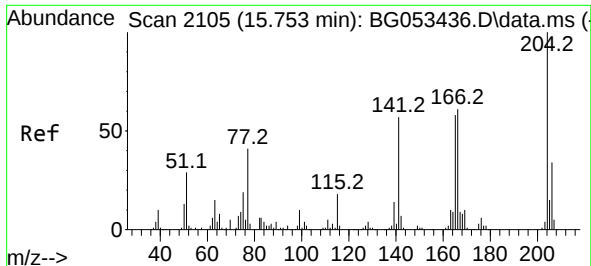
Ion Ratio Lower Upper

149 100

177 0.0 18.4 27.6#

150 0.0 11.2 16.8#

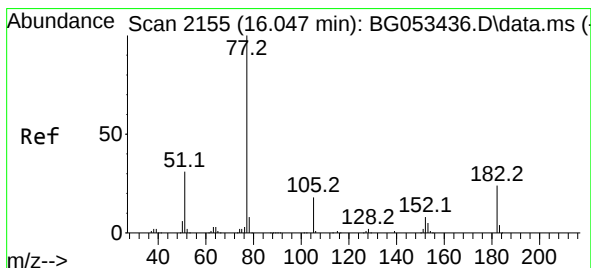
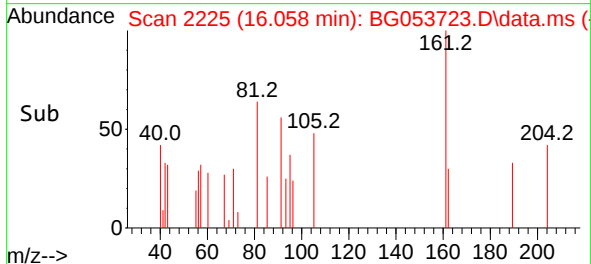
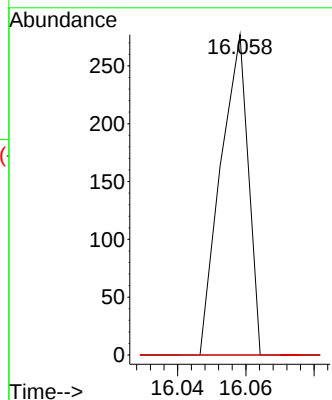
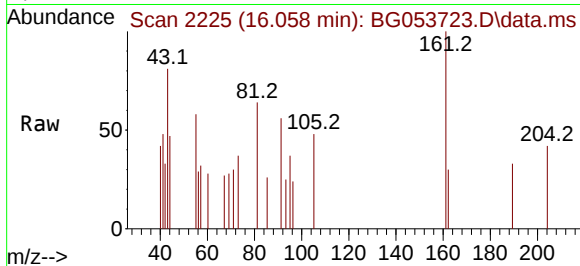




#61
4-Chlorophenyl-phenylether
Concen: 0.047 ng
RT: 16.058 min Scan# 2105
Delta R.T. 0.400 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

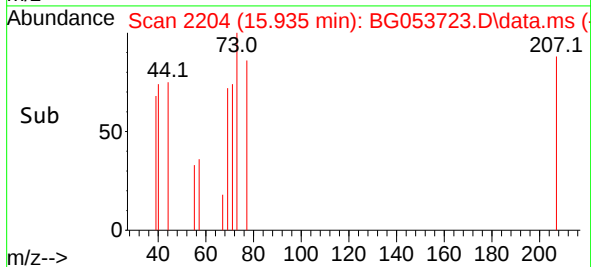
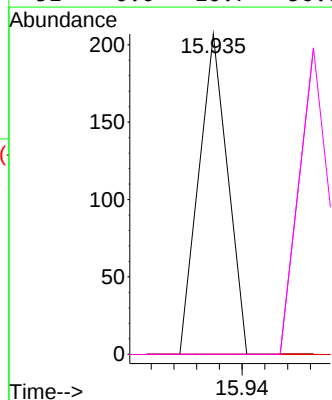
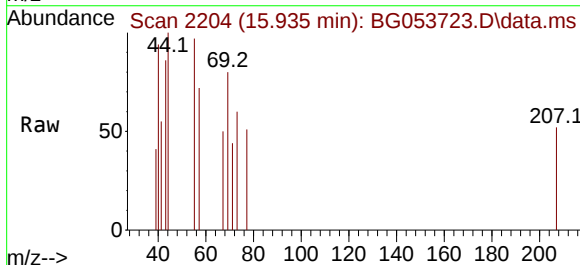
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

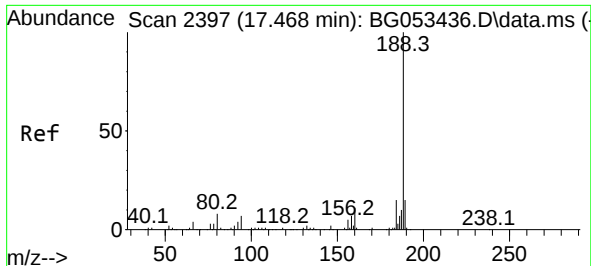
Tgt Ion: 204 Resp: 155
Ion Ratio Lower Upper
204 100
206 0.0 27.5 41.3#
141 0.0 45.3 67.9#



#63
Azobenzene
Concen: 0.011 ng
RT: 15.935 min Scan# 2204
Delta R.T. -0.017 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion: 77 Resp: 73
Ion Ratio Lower Upper
77 100
182 0.0 3.8 43.8#
105 0.0 0.0 37.8
51 0.0 10.7 50.7#

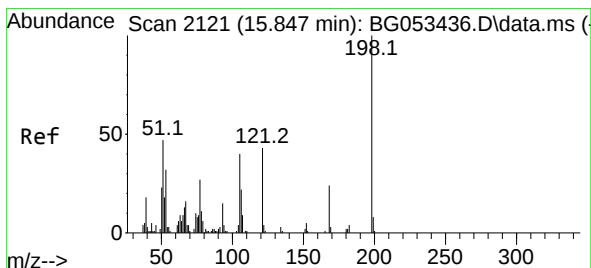
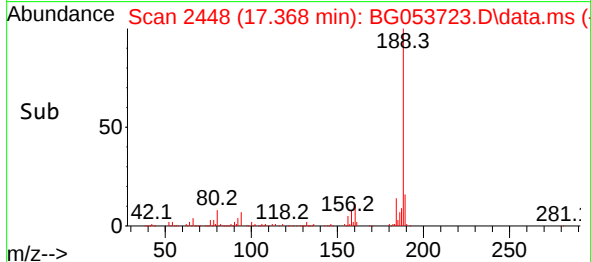
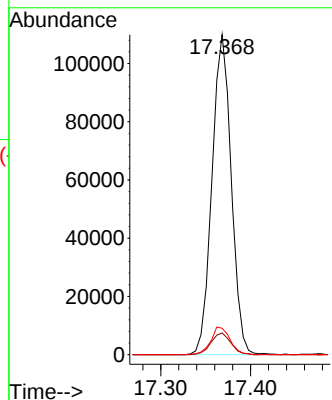
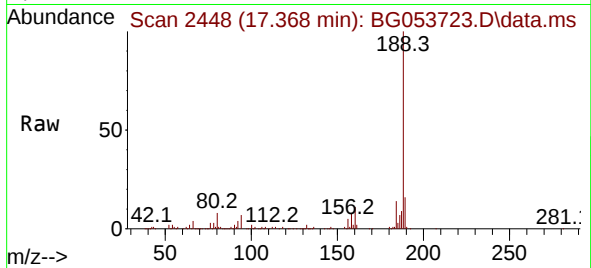




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

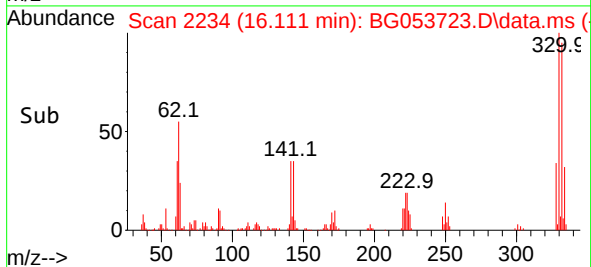
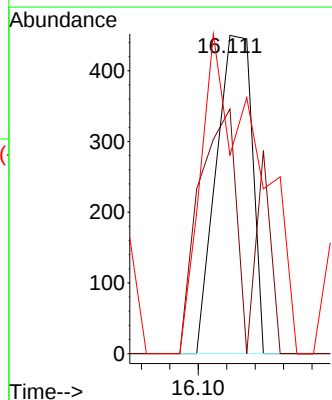
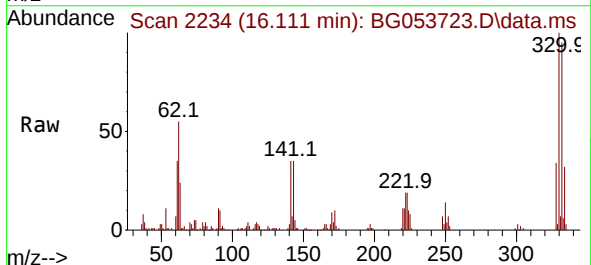
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

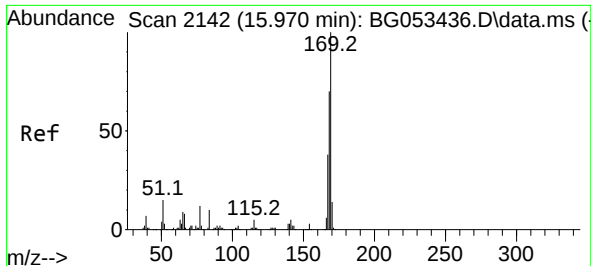
Tgt Ion:188 Resp: 163644
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.2 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 0.406 ng
RT: 16.111 min Scan# 2234
Delta R.T. 0.347 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion:198 Resp: 396
Ion Ratio Lower Upper
198 100
51 76.9 28.1 68.1#
105 62.4 20.3 60.3#

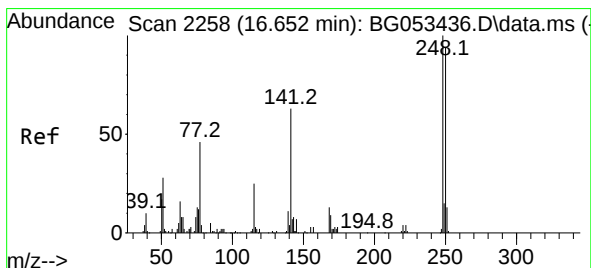
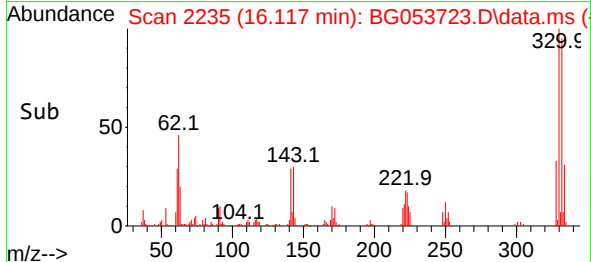
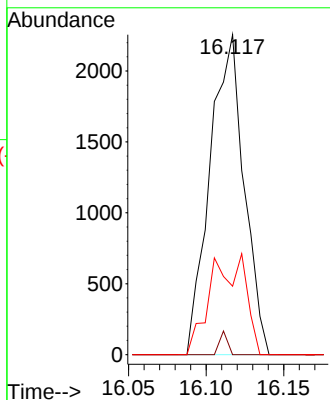
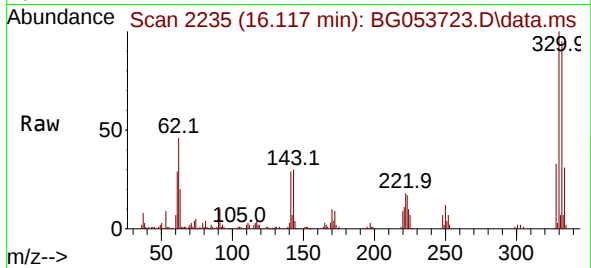




#66
n-Nitrosodiphenylamine
Concen: 0.802 ng
RT: 16.117 min Scan# 2142
Delta R.T. 0.242 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

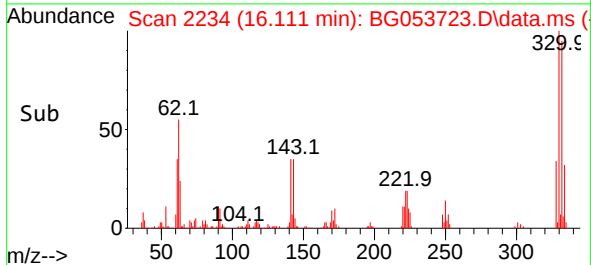
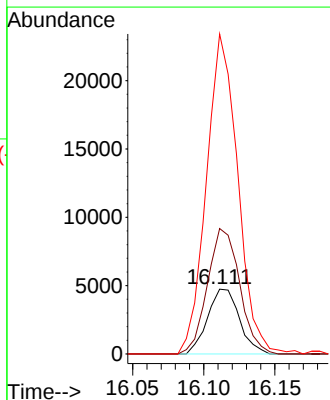
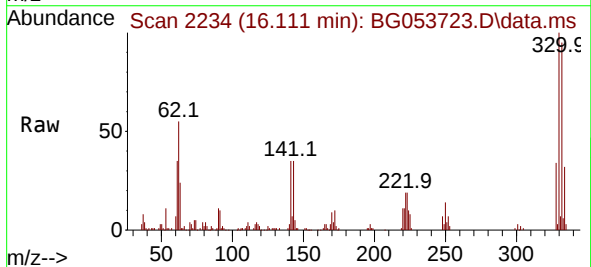
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

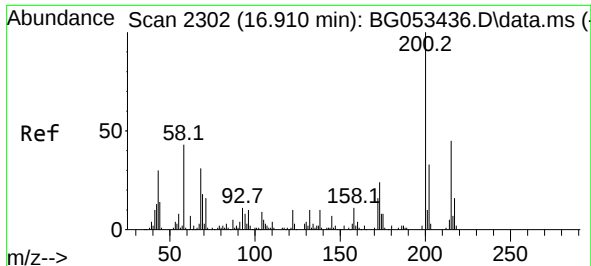
Tgt Ion:169 Resp: 3447
Ion Ratio Lower Upper
169 100
168 0.0 55.9 83.9#
167 21.4 30.6 46.0#



#67
4-Bromophenyl-phenylether
Concen: 3.865 ng
RT: 16.111 min Scan# 2234
Delta R.T. -0.440 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion:248 Resp: 7386
Ion Ratio Lower Upper
248 100
250 193.5 75.2 112.8#
141 493.5 50.0 75.0#

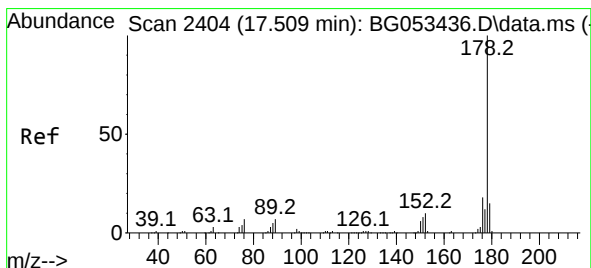
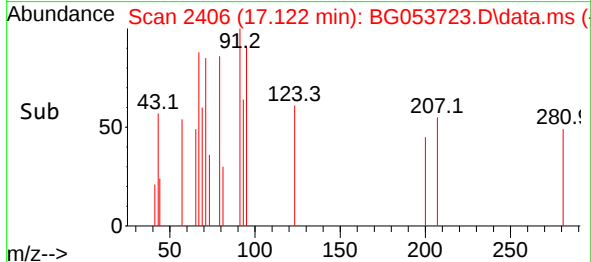
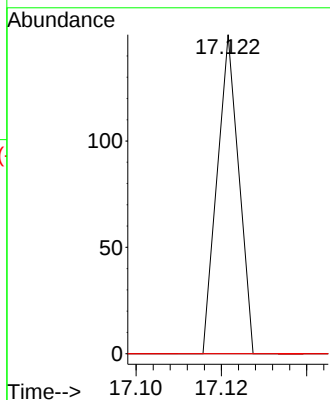
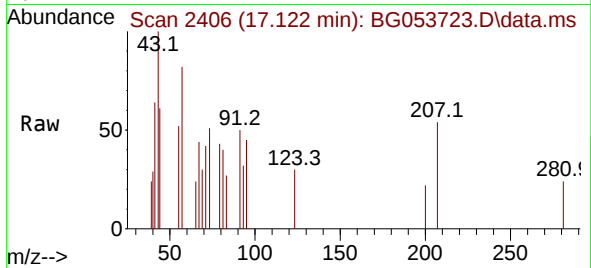




#69
 Atrazine
 Concen: 0.029 ng
 RT: 17.122 min Scan# 2406
 Delta R.T. 0.300 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

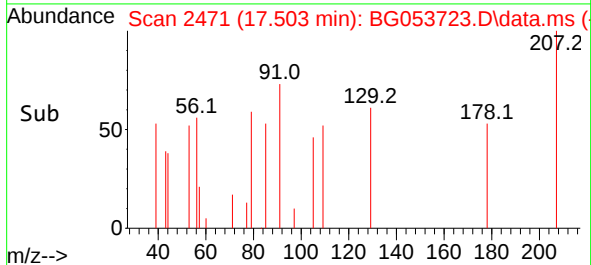
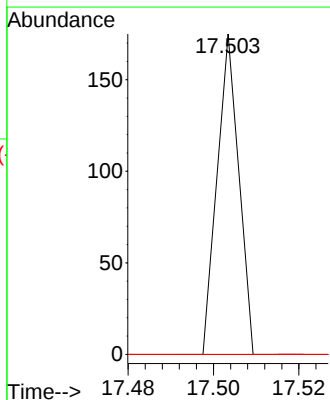
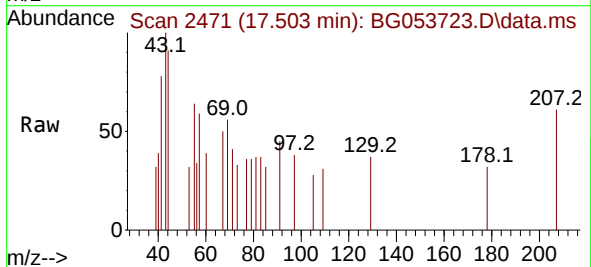
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS005-0006-01

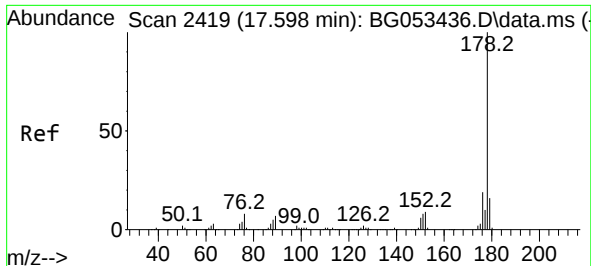
Tgt Ion:200 Resp: 53
 Ion Ratio Lower Upper
 200 100
 173 0.0 3.7 43.7#
 215 0.0 25.2 65.2#



#71
 Phenanthrene
 Concen: 0.007 ng
 RT: 17.503 min Scan# 2471
 Delta R.T. 0.089 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

Tgt Ion:178 Resp: 62
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.1 21.1#
 179 0.0 12.1 18.1#

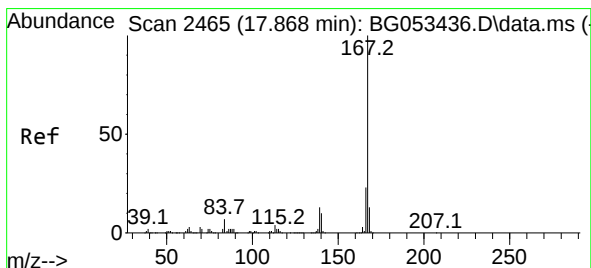
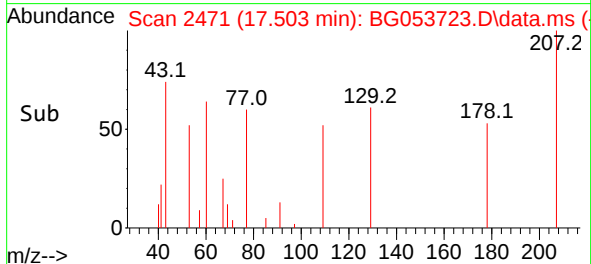
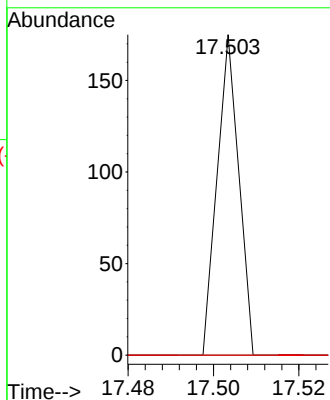
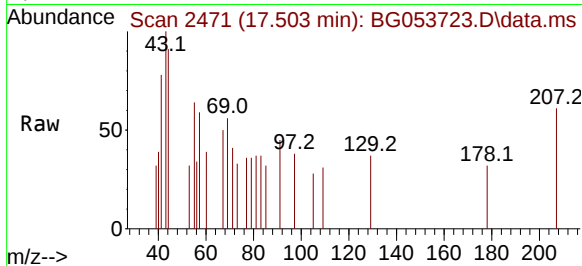




#72
 Anthracene
 Concen: 0.008 ng
 RT: 17.503 min Scan# 2419
 Delta R.T. 0.001 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

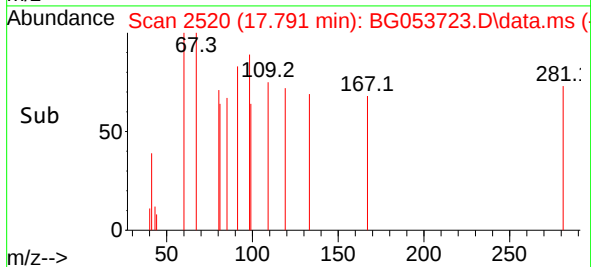
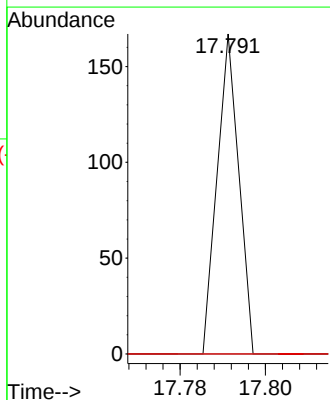
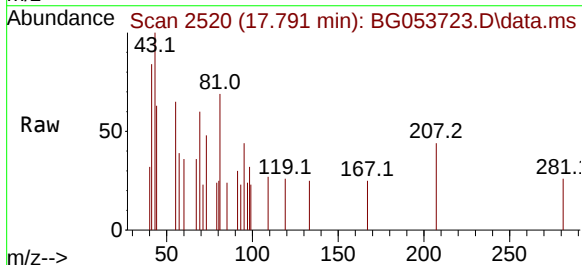
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS005-0006-01

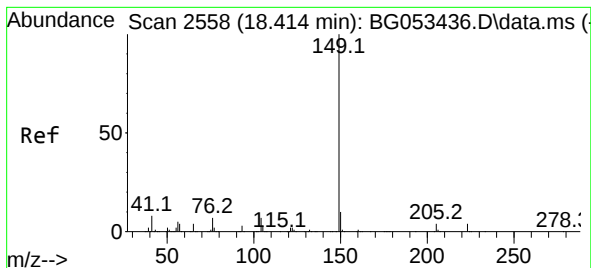
Tgt Ion:178 Resp: 62
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 0.0 13.0 19.4#



#73
 Carbazole
 Concen: 0.007 ng
 RT: 17.791 min Scan# 2520
 Delta R.T. 0.012 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

Tgt Ion:167 Resp: 59
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.2#
 139 0.0 10.1 15.1#





#74

Di-n-butylphthalate

Concen: 0.242 ng

RT: 18.320 min Scan# 2

Delta R.T. -0.005 min

Lab File: BG053723.D

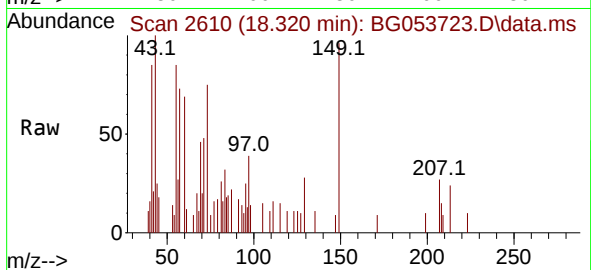
Acq: 26 May 2022 19:03

Instrument :

BNA_G

ClientSampleId :

P021-SS005-0006-01



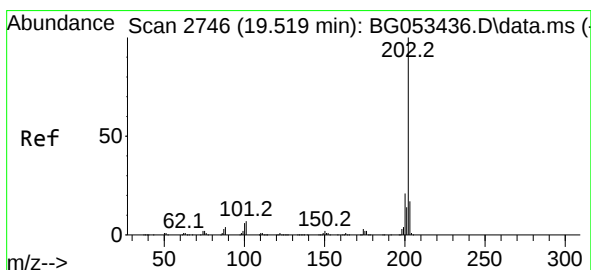
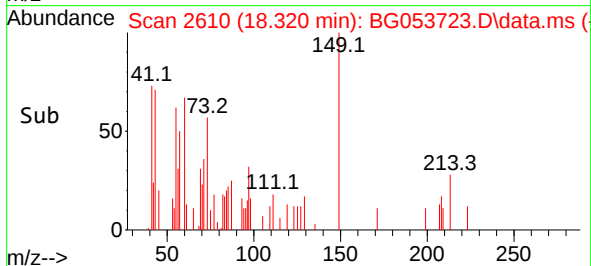
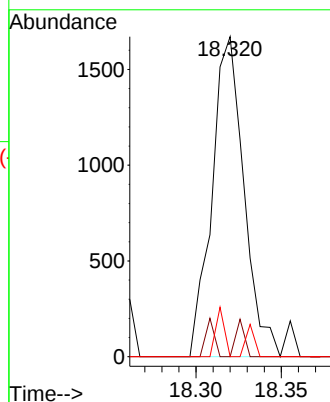
Tgt Ion:149 Resp: 2179

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 5.4 8.0#



#75

Fluoranthene

Concen: 0.006 ng

RT: 19.736 min Scan# 2851

Delta R.T. 0.312 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

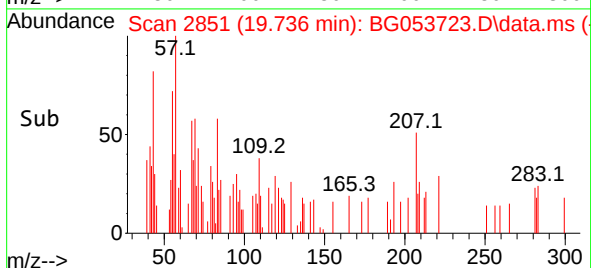
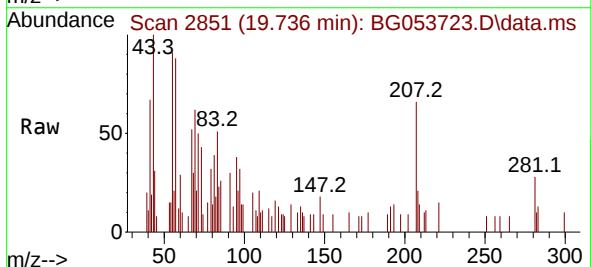
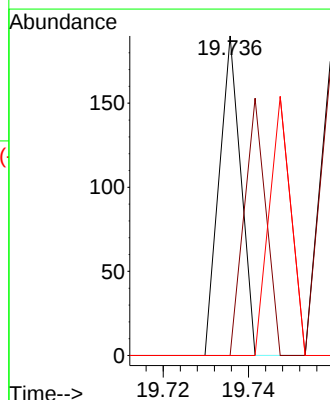
Tgt Ion:202 Resp: 67

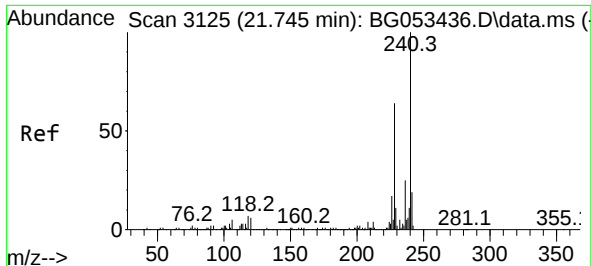
Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.9

203 0.0 0.0 37.2

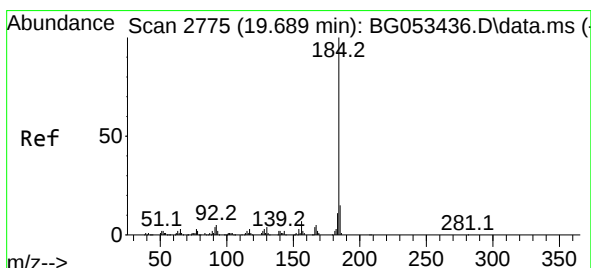
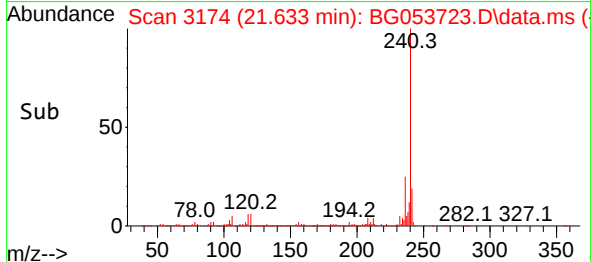
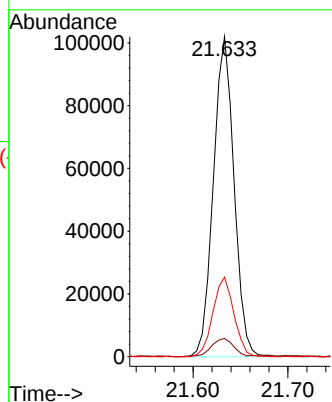
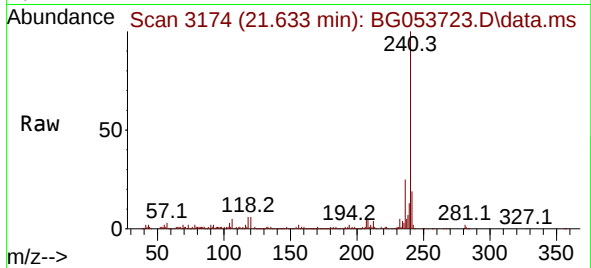




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

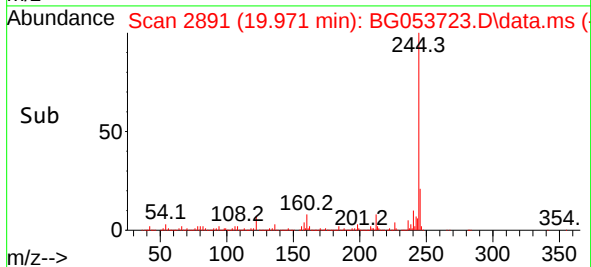
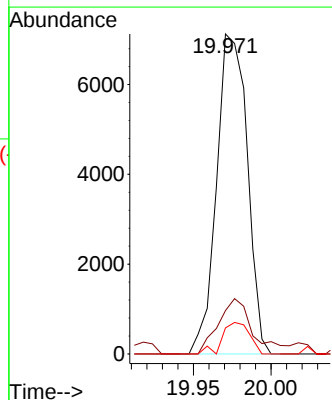
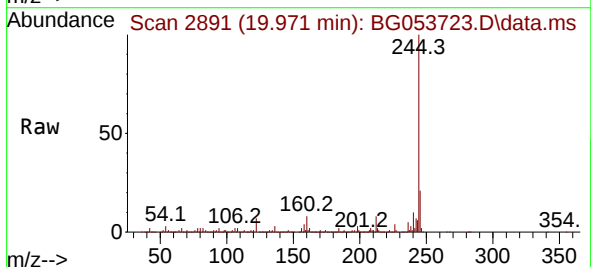
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

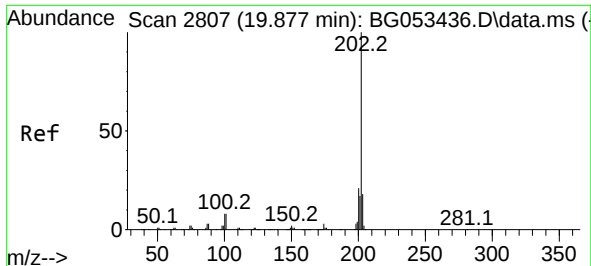
Tgt Ion:240 Resp: 154314
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.8 20.2 30.4



#77
Benzidine
Concen: 2.945 ng
RT: 19.971 min Scan# 2891
Delta R.T. 0.371 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion:184 Resp: 9796
Ion Ratio Lower Upper
184 100
185 13.5 11.8 17.6
183 8.2 8.9 13.3#

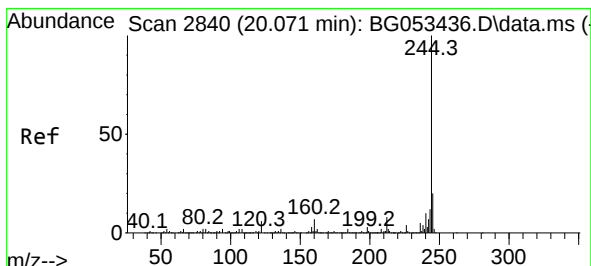
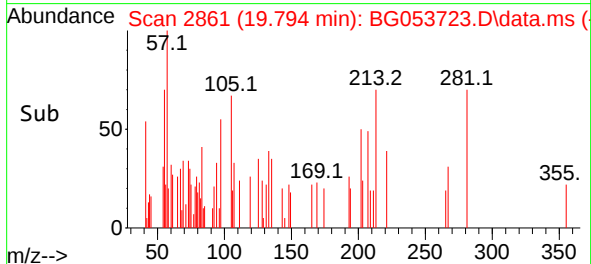
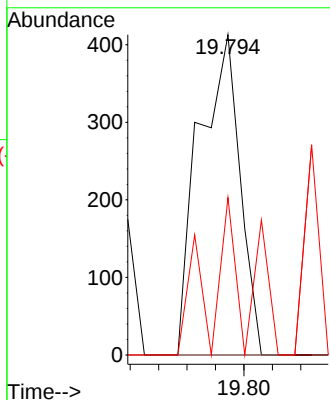
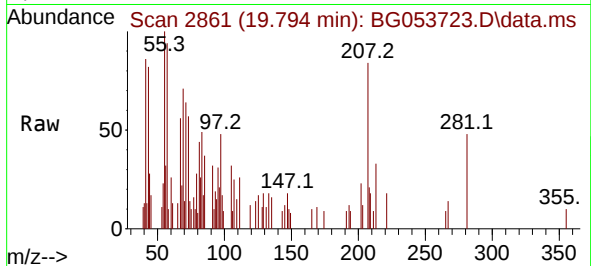




#78
Pyrene
Concen: 0.041 ng
RT: 19.794 min Scan# 2861
Delta R.T. 0.007 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

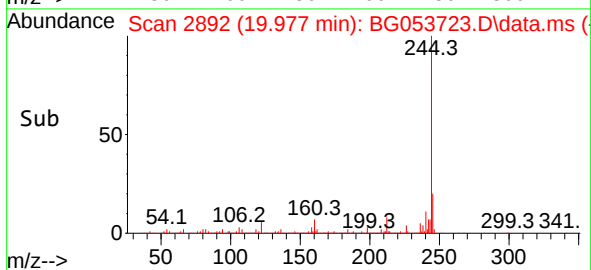
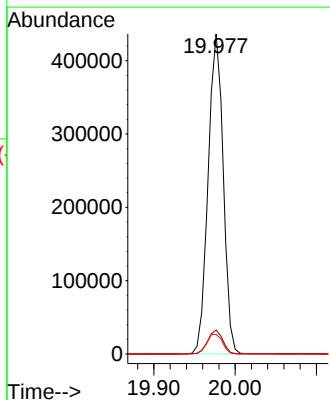
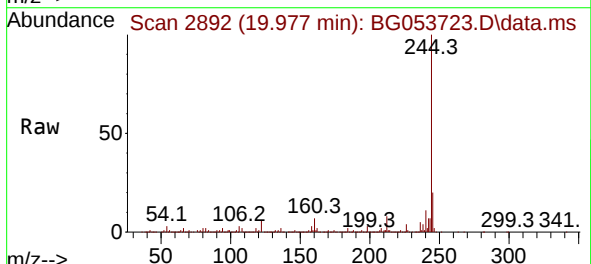
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

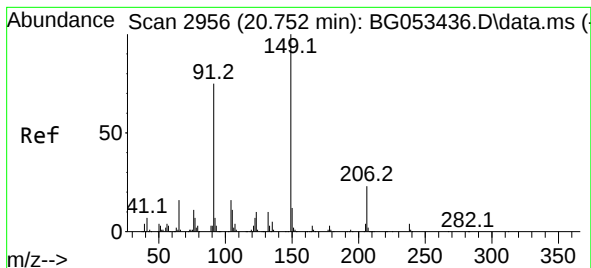
Tgt Ion:202 Resp: 412
Ion Ratio Lower Upper
202 100
200 0.0 16.6 24.8#
203 49.2 14.6 21.8#



#79
Terphenyl-d14
Concen: 67.866 ng
RT: 19.977 min Scan# 2892
Delta R.T. 0.001 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion:244 Resp: 562302
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.1 5.0 7.4





#80

Butylbenzylphthalate

Concen: 0.364 ng

RT: 20.658 min Scan# 3008

Delta R.T. -0.005 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

Instrument :

BNA_G

ClientSampleId :

P021-SS005-0006-01

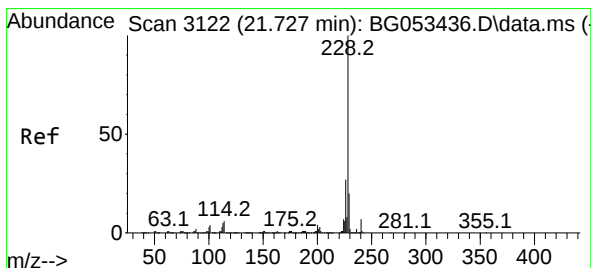
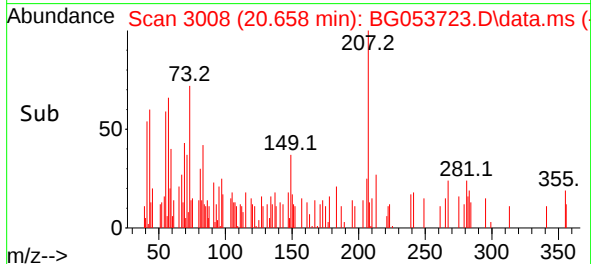
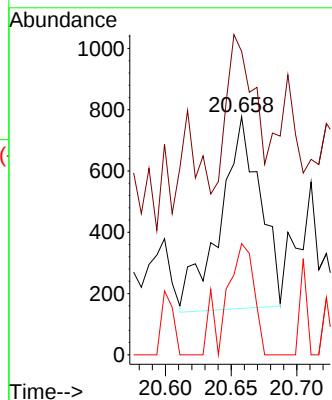
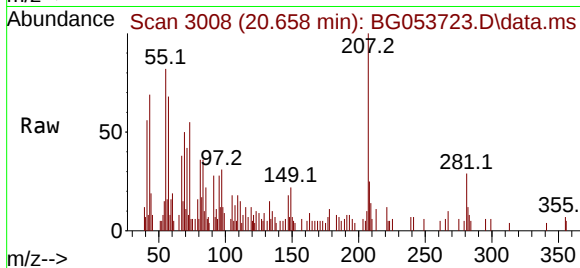
Tgt Ion:149 Resp: 1333

Ion Ratio Lower Upper

149 100

91 127.4 59.6 89.4#

206 46.7 18.6 28.0#



#81

Benzo(a)anthracene

Concen: 0.162 ng

RT: 21.621 min Scan# 3172

Delta R.T. 0.007 min

Lab File: BG053723.D

Acq: 26 May 2022 19:03

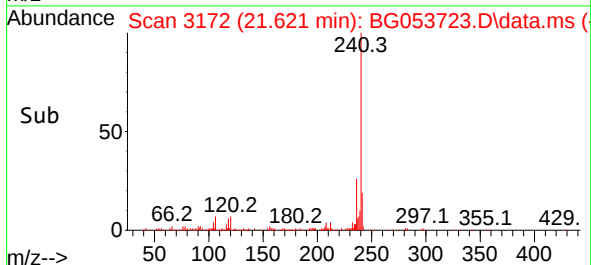
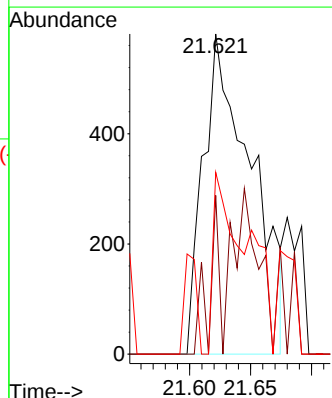
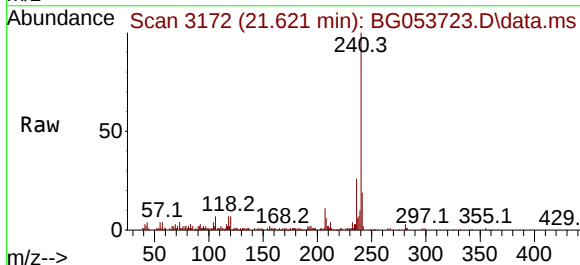
Tgt Ion:228 Resp: 1590

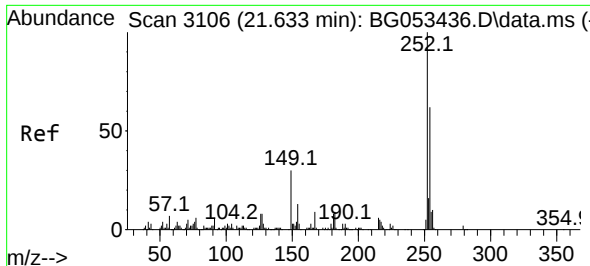
Ion Ratio Lower Upper

228 100

226 49.6 21.6 32.4#

229 56.8 16.2 24.2#

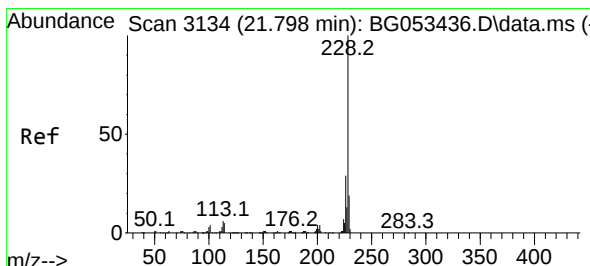
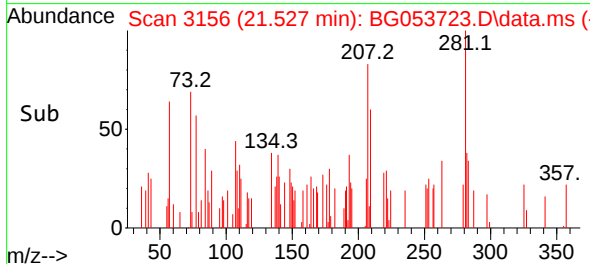
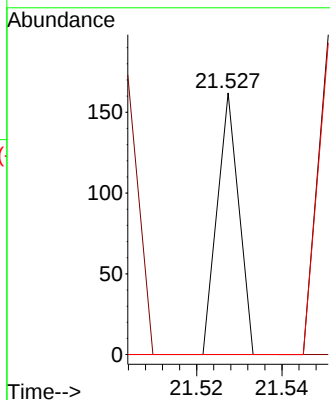
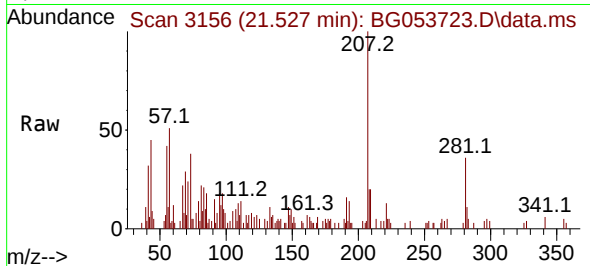




#82
 3,3'-Dichlorobenzidine
 Concen: 0.023 ng
 RT: 21.527 min Scan# 3106
 Delta R.T. 0.001 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

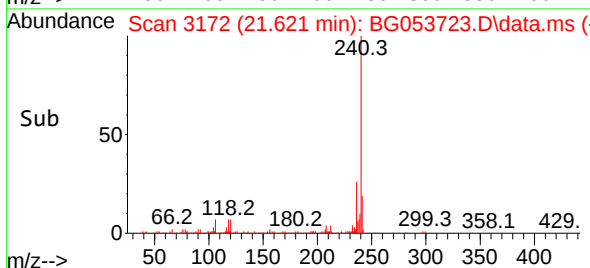
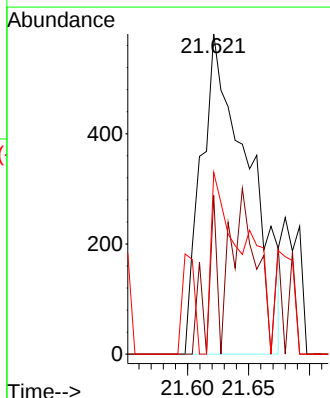
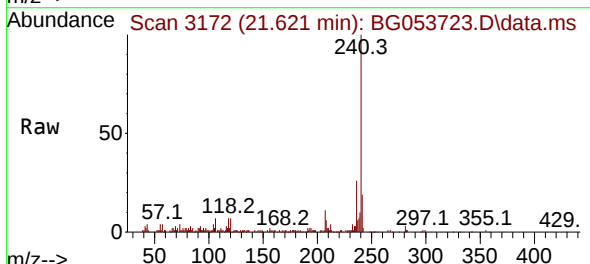
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS005-0006-01

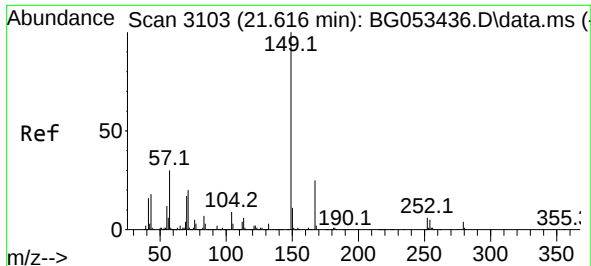
Tgt Ion:252 Resp: 57
 Ion Ratio Lower Upper
 252 100
 254 0.0 49.8 74.8#
 126 0.0 6.0 9.0#



#83
 Chrysene
 Concen: 0.173 ng
 RT: 21.621 min Scan# 3172
 Delta R.T. -0.064 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

Tgt Ion:228 Resp: 1590
 Ion Ratio Lower Upper
 228 100
 226 49.6 23.4 35.2#
 229 56.8 15.5 23.3#

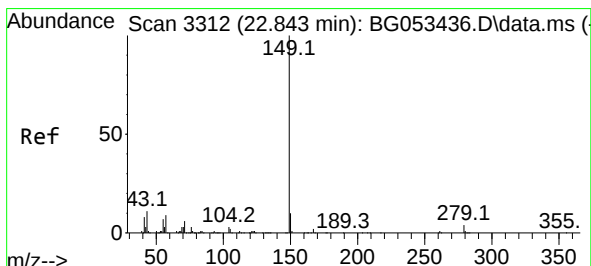
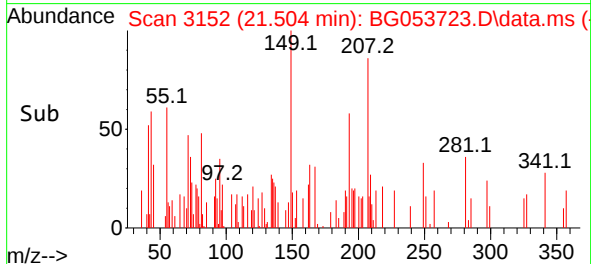
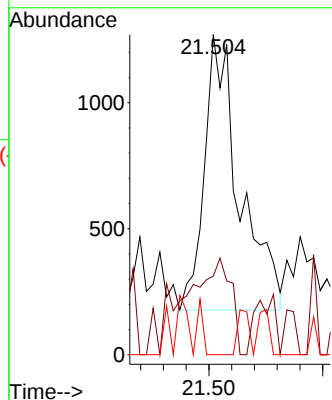
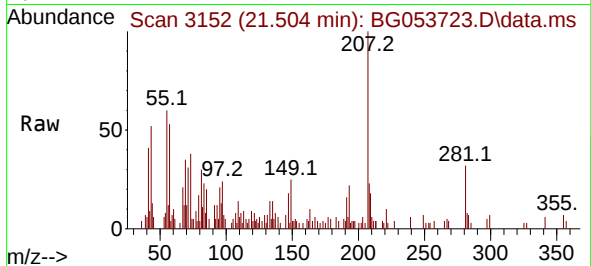




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.462 ng
 RT: 21.504 min Scan# 3103
 Delta R.T. -0.005 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

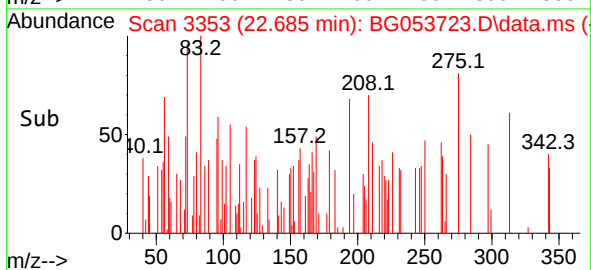
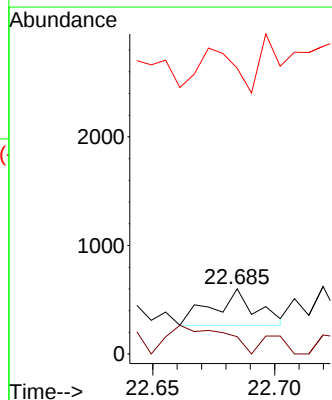
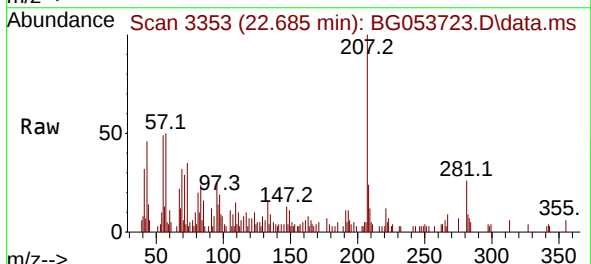
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS005-0006-01

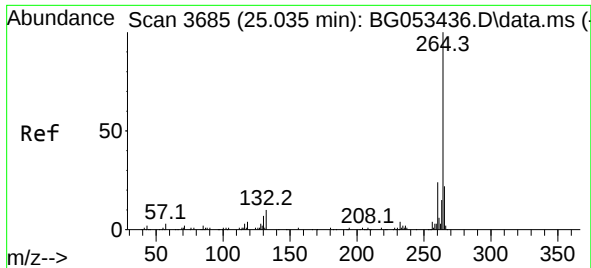
Tgt Ion:149 Resp: 2338
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.2 30.4
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 0.047 ng
 RT: 22.685 min Scan# 3353
 Delta R.T. -0.023 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

Tgt Ion:149 Resp: 402
 Ion Ratio Lower Upper
 149 100
 167 29.1 1.3 1.9#
 43 474.1 9.0 13.4#

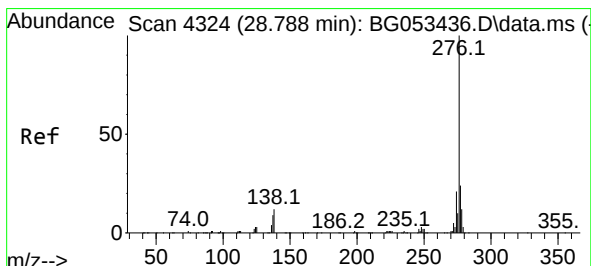
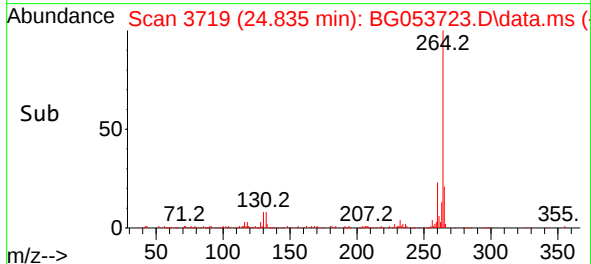
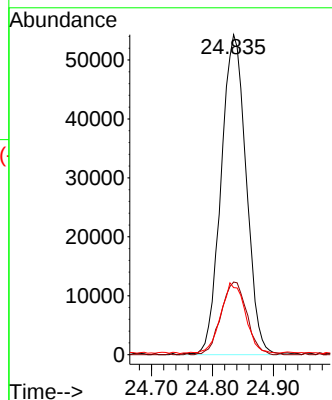
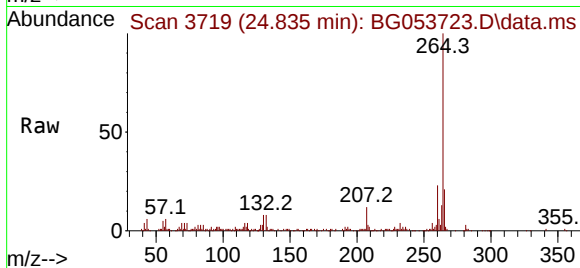




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.835 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

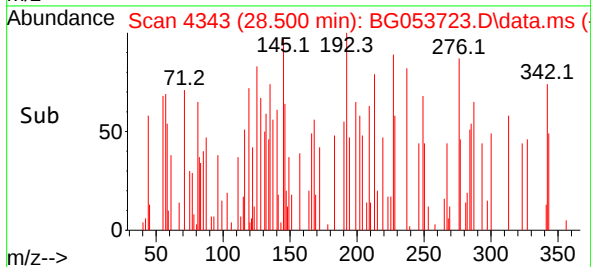
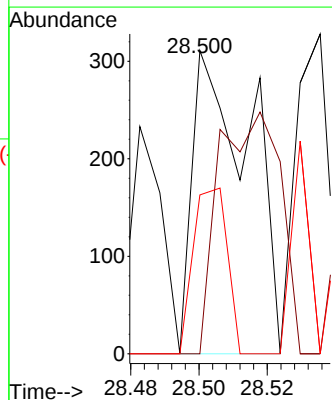
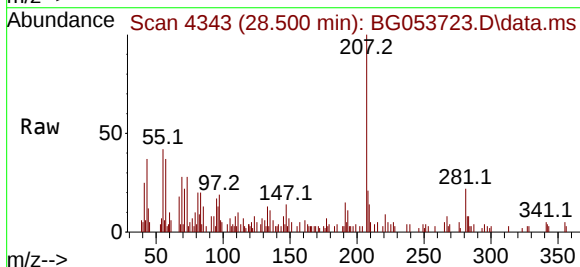
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS005-0006-01

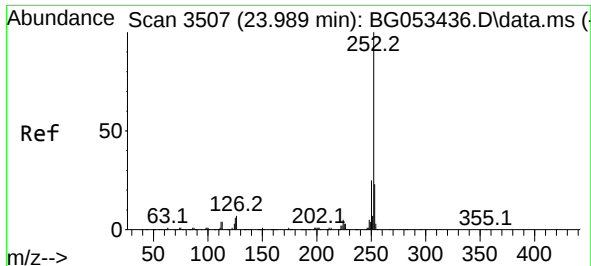
Tgt Ion:264 Resp: 155140
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.0 17.4 26.2



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 0.033 ng
 RT: 28.500 min Scan# 4343
 Delta R.T. -0.011 min
 Lab File: BG053723.D
 Acq: 26 May 2022 19:03

Tgt Ion:276 Resp: 361
 Ion Ratio Lower Upper
 276 100
 138 86.1 5.0 7.4#
 277 32.4 20.3 30.5#

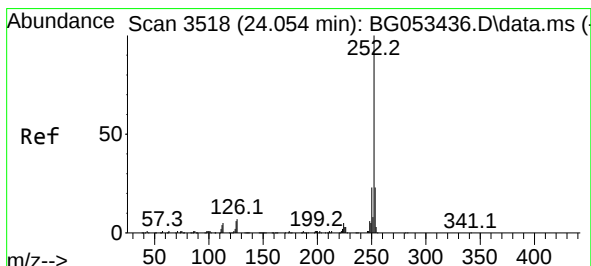
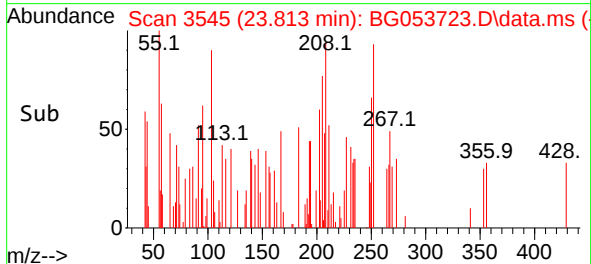
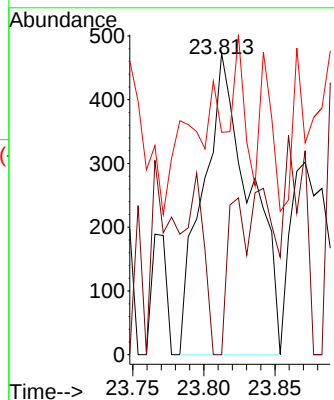
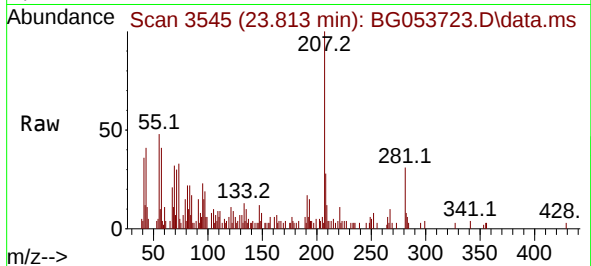




#88
Benzo(b)fluoranthene
Concen: 0.119 ng
RT: 23.813 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

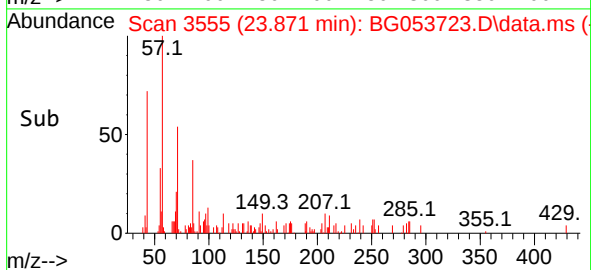
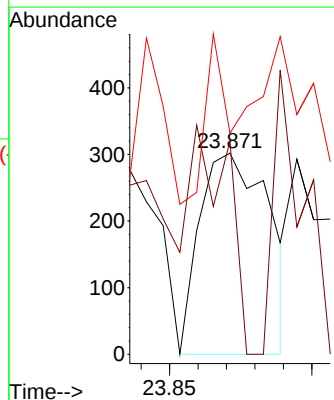
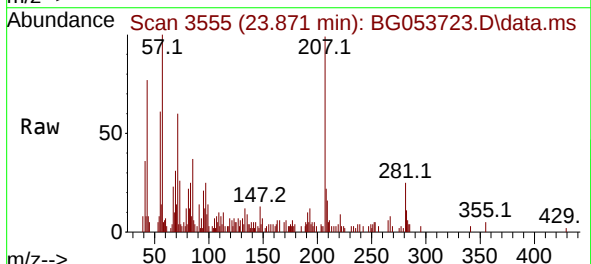
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

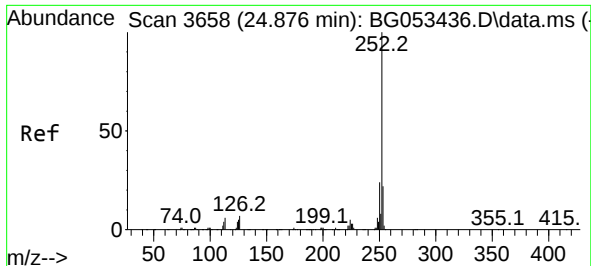
Tgt Ion:252 Resp: 1092
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 73.8 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 0.057 ng
RT: 23.871 min Scan# 3555
Delta R.T. -0.017 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion:252 Resp: 512
Ion Ratio Lower Upper
252 100
253 106.0 18.4 27.6#
125 109.9 4.8 7.2#

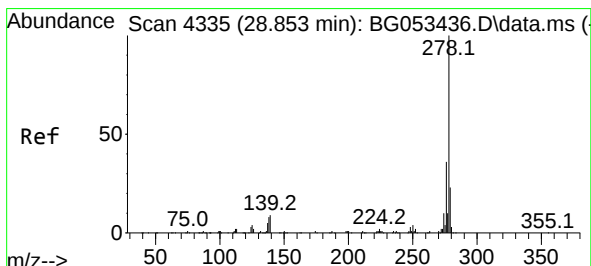
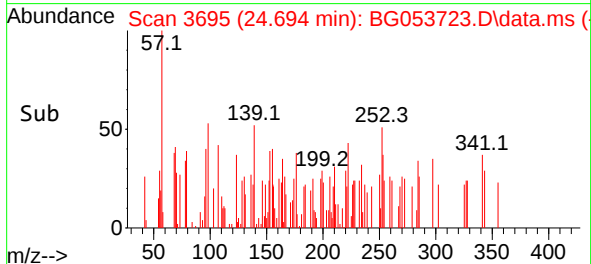
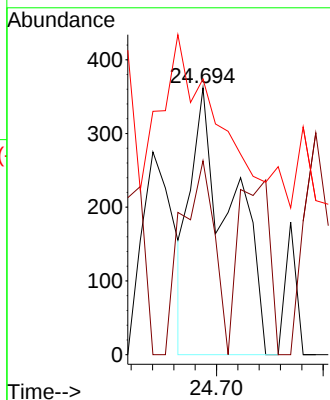
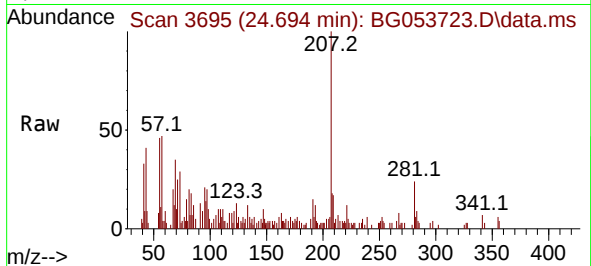




#90
Benzo(a)pyrene
Concen: 0.061 ng
RT: 24.694 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

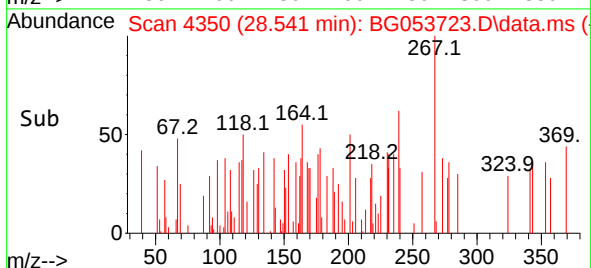
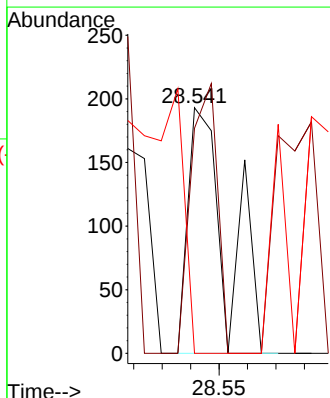
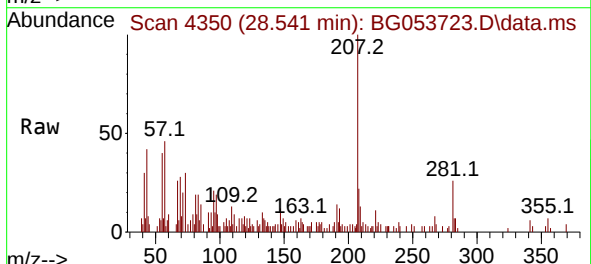
Instrument :
BNA_G
ClientSampleId :
P021-SS005-0006-01

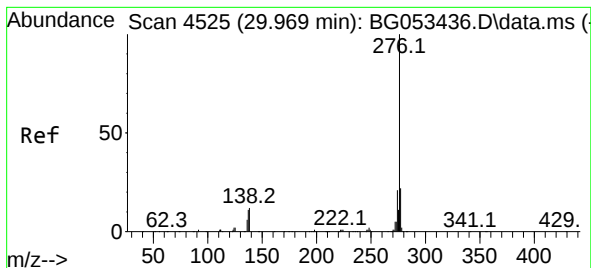
Tgt Ion:252 Resp: 480
Ion Ratio Lower Upper
252 100
253 72.7 17.8 26.8#
125 103.3 4.3 6.5#



#91
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 28.541 min Scan# 4350
Delta R.T. -0.011 min
Lab File: BG053723.D
Acq: 26 May 2022 19:03

Tgt Ion:278 Resp: 183
Ion Ratio Lower Upper
278 100
139 91.7 7.2 10.8#
279 0.0 18.6 27.8#





#92

Benzo(g,h,i)perylene

Concen: 0.101 ng

RT: 29.640 min Scan# 4

Delta R.T. -0.011 min

Lab File: BG053723.D

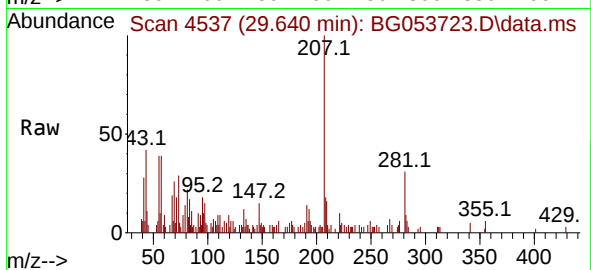
Acq: 26 May 2022 19:03

Instrument :

BNA_G

ClientSampleId :

P021-SS005-0006-01



Tgt Ion:276 Resp: 892

Ion Ratio Lower Upper

276 100

277 0.0 17.3 25.9#

138 38.5 9.6 14.4#

