

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053719.D
 Acq On : 26 May 2022 16:24
 Operator : CG/JU
 Sample : N2985-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0006-01

Quant Time: May 27 05:00:12 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	27030	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	105848	20.000	ng	0.00
39) Acenaphthene-d10	14.619	164	72466	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	146948	20.000	ng	0.00
76) Chrysene-d12	21.633	240	151396	20.000	ng	0.00
86) Perylene-d12	24.835	264	156300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	121453	76.257	ng	0.00
7) Phenol-d6	7.165	99	184200	76.206	ng	0.00
23) Nitrobenzene-d5	9.150	82	129819	52.209	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	83647	78.263	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	296478	59.785	ng	0.00
79) Terphenyl-d14	19.977	244	435236	53.543	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	154	0.184	ng	# 1
3) Pyridine	3.622	79	62	0.030	ng	# 1
4) n-Nitrosodimethylamine	3.740	42	59	0.059	ng	# 1
6) Aniline	7.276	93	164	0.061	ng	# 41
9) Benzaldehyde	7.165	77	250	0.163	ng	# 10
11) bis(2-Chloroethyl)ether	7.423	93	677	0.384	ng	# 17
15) Benzyl Alcohol	8.316	79	66	0.033	ng	# 17
16) 2,2'-oxybis(1-Chloropr...	8.181	45	60	0.021	ng	# 70
19) n-Nitroso-di-n-propyla...	9.144	70	18926	10.913	ng	# 75
22) Acetophenone	8.815	105	406	0.140	ng	# 49
24) Nitrobenzene	9.144	77	496	0.206	ng	# 48
25) Isophorone	9.385	82	53	0.013	ng	# 69
28) bis(2-Chloroethoxy)met...	10.431	93	66	0.027	ng	# 48
36) 4-Chloro-3-methylphenol	12.381	107	54	0.025	ng	# 25
46) 1,1'-Biphenyl	13.245	154	551	0.112	ng	# 1
47) 2-Chloronaphthalene	13.385	162	816	0.211	ng	# 39
48) 2-Nitroaniline	13.679	65	140	0.097	ng	# 10
49) Acenaphthylene	14.343	152	396	0.064	ng	# 60
50) Dimethylphthalate	13.791	163	295	0.054	ng	# 77
51) 2,6-Dinitrotoluene	14.619	165	9422	8.398	ng	# 17
52) Acenaphthene	14.613	154	130	0.035	ng	# 3
57) 2,4-Dinitrotoluene	14.619	165	9422	5.794	ng	# 23
58) Fluorene	16.111	166	2174	0.410	ng	# 78
60) Diethylphthalate	15.453	149	976	0.172	ng	# 1
61) 4-Chlorophenyl-phenyle...	15.958	204	186	0.063	ng	# 1
62) 4-Nitroaniline	15.624	138	150	0.119	ng	# 21
63) Azobenzene	15.953	77	972	0.167	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.123	198	210	0.240	ng	# 1
66) n-Nitrosodiphenylamine	16.117	169	2614	0.678	ng	# 40
67) 4-Bromophenyl-phenylether	16.111	248	5402	3.148	ng	# 1
69) Atrazine	16.922	200	72	0.044	ng	# 1
70) Pentachlorophenol	17.421	266	60	4.706	ng	# 16
71) Phenanthrene	17.415	178	2758	0.369	ng	# 94
72) Anthracene	17.415	178	2758	0.376	ng	# 97
73) Carbazole	17.768	167	270	0.038	ng	# 58
74) Di-n-butylphthalate	18.320	149	3412	0.421	ng	# 84

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

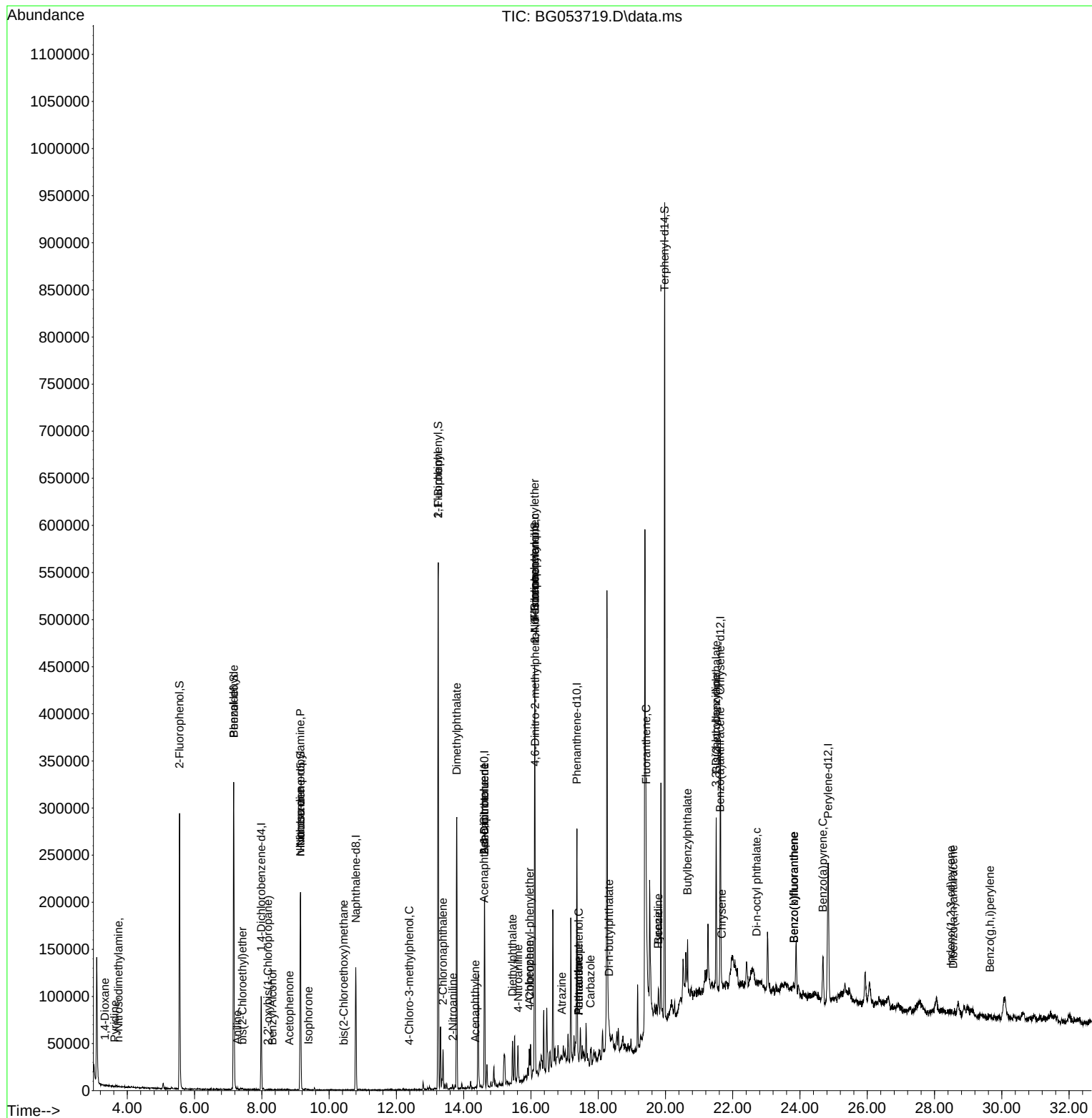
75) Fluoranthene	19.424	202	5575	0.576	ng	76
77) Benzidine	19.789	184	378	0.116	ng #	1
78) Pyrene	19.783	202	5209	0.531	ng #	88
80) Butylbenzylphthalate	20.658	149	13516	3.761	ng	91
81) Benzo(a)anthracene	21.621	228	2202	0.228	ng #	45
82) 3,3'-Dichlorobenzidine	21.504	252	54	0.022	ng #	26
83) Chrysene	21.674	228	3215	0.356	ng #	92
84) Bis(2-ethylhexyl)phtha...	21.510	149	66752	13.457	ng	99
85) Di-n-octyl phthalate	22.708	149	1776	0.212	ng #	1
87) Indeno(1,2,3-cd)pyrene	28.483	276	866	0.080	ng #	64
88) Benzo(b)fluoranthene	23.824	252	5120	0.553	ng #	65
89) Benzo(k)fluoranthene	23.824	252	5120	0.563	ng #	66
90) Benzo(a)pyrene	24.682	252	1480	0.188	ng #	1
91) Dibenzo(a,h)anthracene	28.553	278	429	0.048	ng #	59
92) Benzo(g,h,i)perylene	29.652	276	2261	0.254	ng #	66

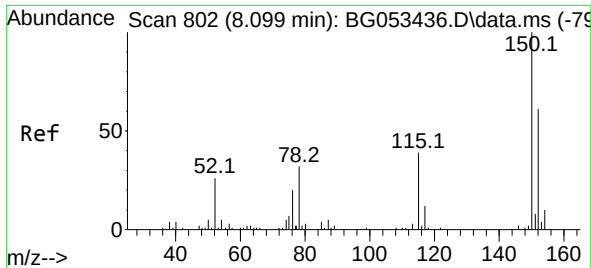
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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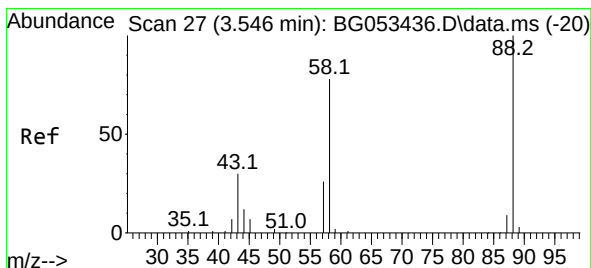
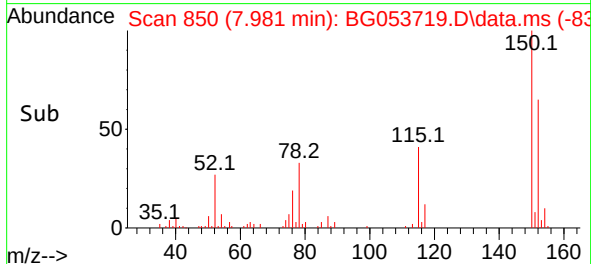
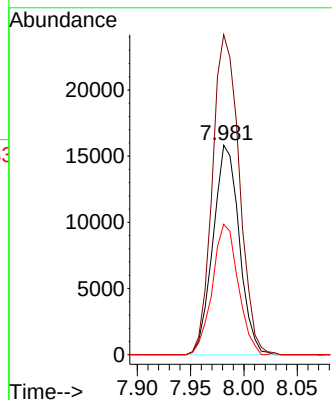
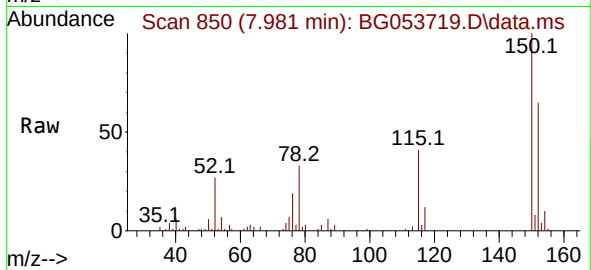




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

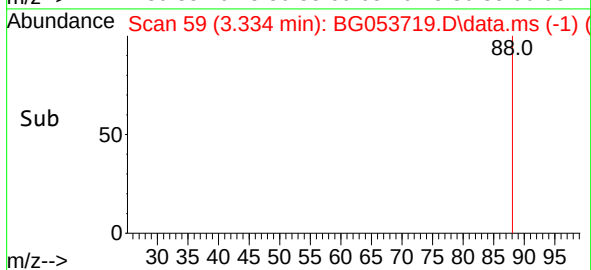
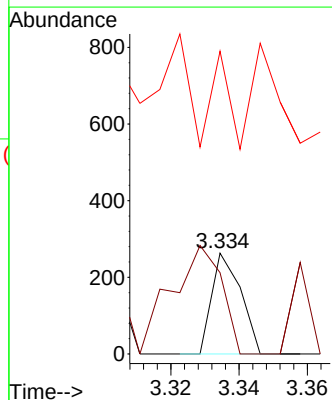
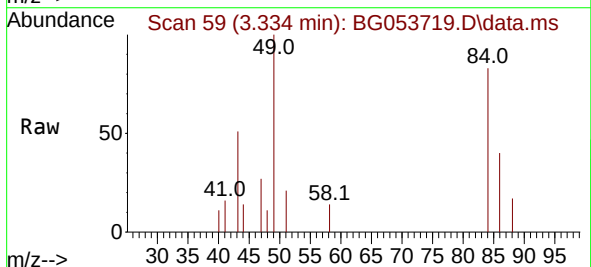
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BNA_G
ClientSampleId :
P021-SS007-0006-01

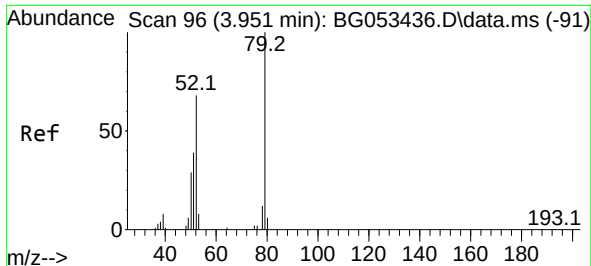
Tgt Ion:152 Resp: 27030
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 62.2 50.9 76.3



#2
1,4-Dioxane
Concen: 0.184 ng
RT: 3.334 min Scan# 59
Delta R.T. -0.064 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion: 88 Resp: 154
Ion Ratio Lower Upper
88 100
58 188.3 59.2 88.8#
43 0.0 24.3 36.5#

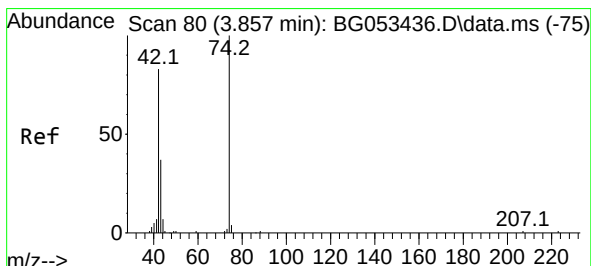
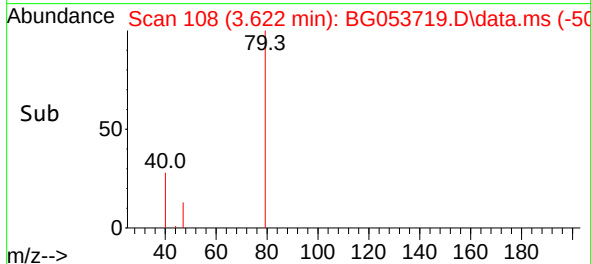
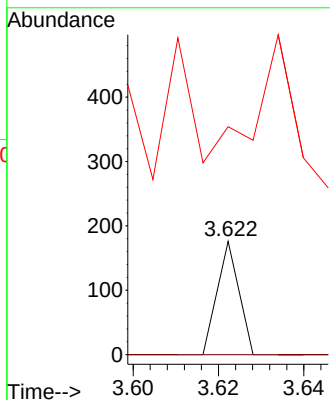
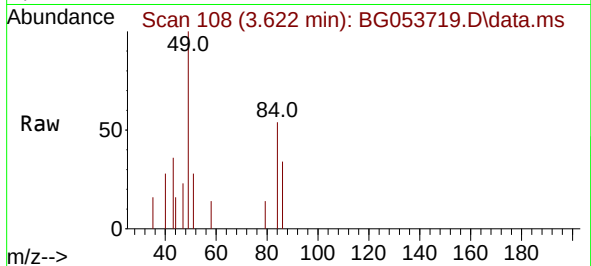




#3
Pyridine
Concen: 0.030 ng
RT: 3.622 min Scan# 108
Delta R.T. -0.187 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

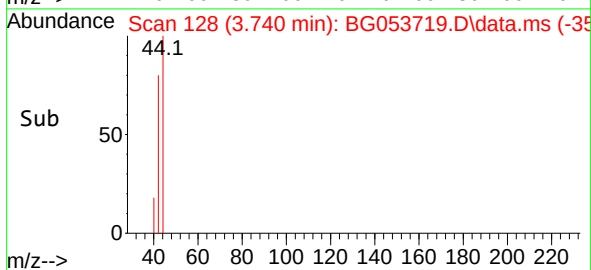
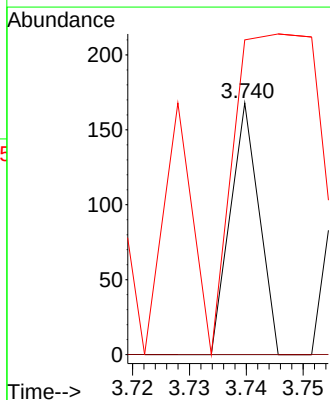
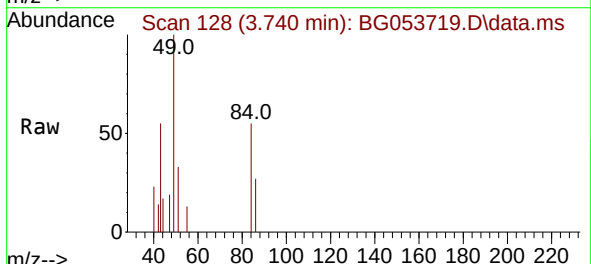
Instrument :
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ClientSampleId :
P021-SS007-0006-01

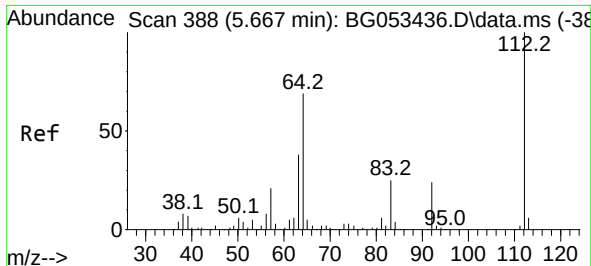
Tgt Ion: 79 Resp: 62
Ion Ratio Lower Upper
79 100
52 0.0 54.6 81.8#
51 201.1 32.5 48.7#



#4
n-Nitrosodimethylamine
Concen: 0.059 ng
RT: 3.740 min Scan# 128
Delta R.T. 0.018 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion: 42 Resp: 59
Ion Ratio Lower Upper
42 100
74 0.0 97.0 145.4#
44 125.0 7.0 10.4#

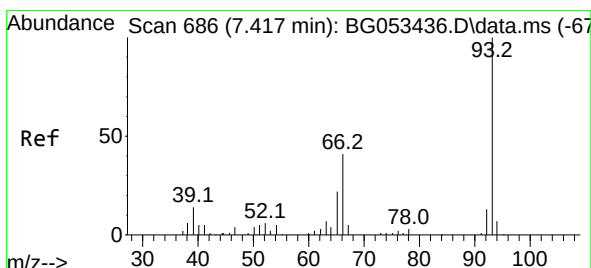
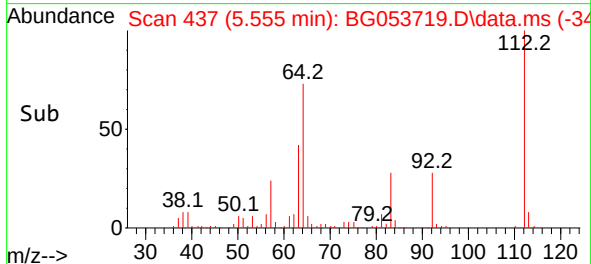
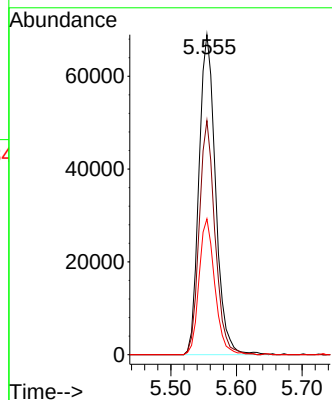
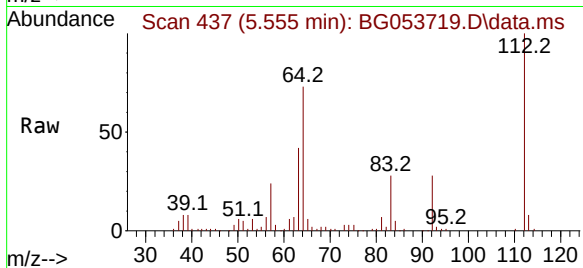




#5
2-Fluorophenol
Concen: 76.257 ng
RT: 5.555 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

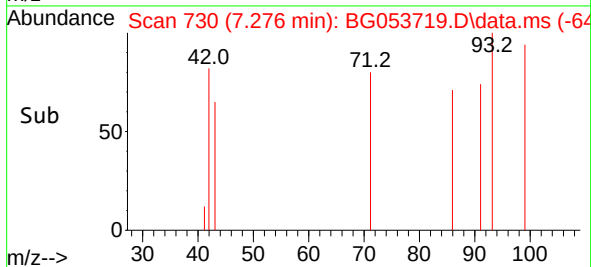
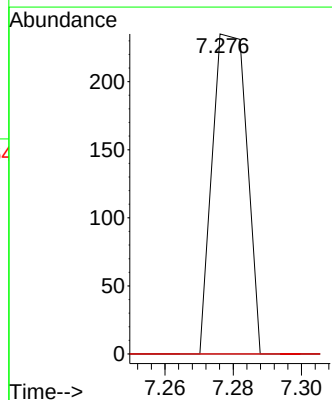
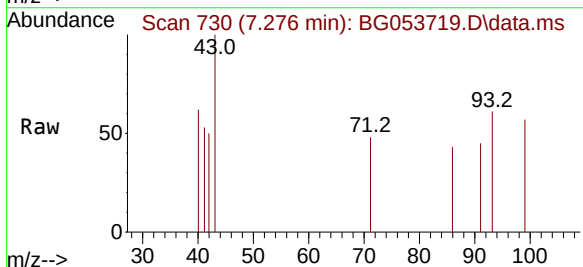
Instrument :
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ClientSampleId :
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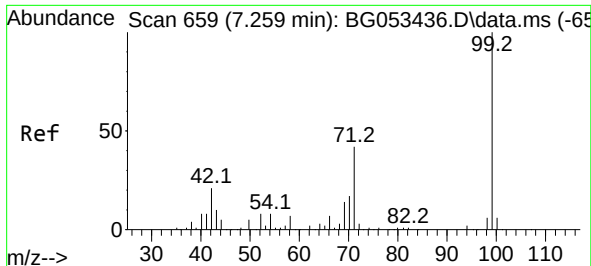
Tgt Ion:112 Resp: 121453
Ion Ratio Lower Upper
112 100
64 73.2 55.1 82.7
63 42.5 30.4 45.6



#6
Aniline
Concen: 0.061 ng
RT: 7.276 min Scan# 730
Delta R.T. -0.034 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion: 93 Resp: 164
Ion Ratio Lower Upper
93 100
66 0.0 32.9 49.3#
65 0.0 17.8 26.8#

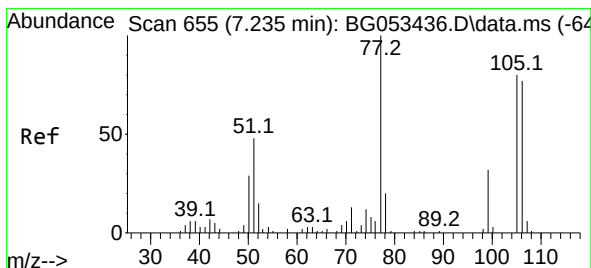
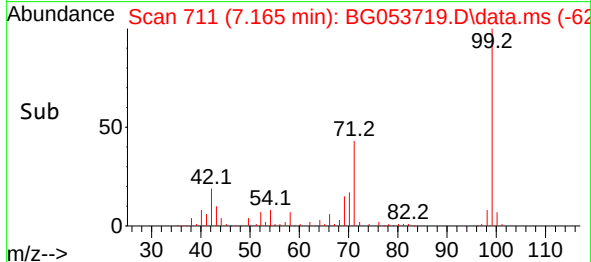
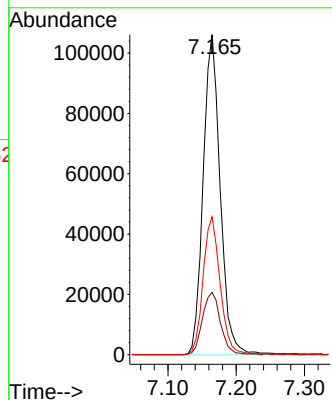
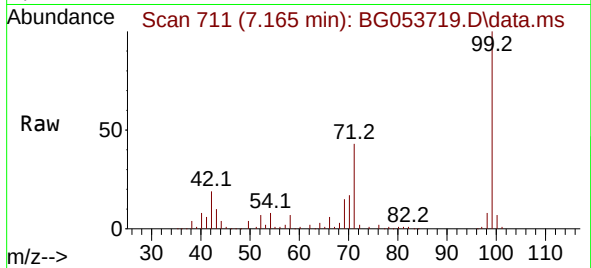




#7
Phenol-d6
Concen: 76.206 ng
RT: 7.165 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

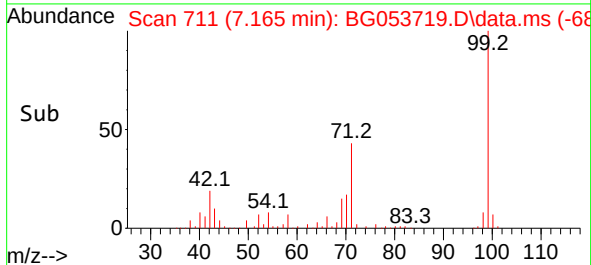
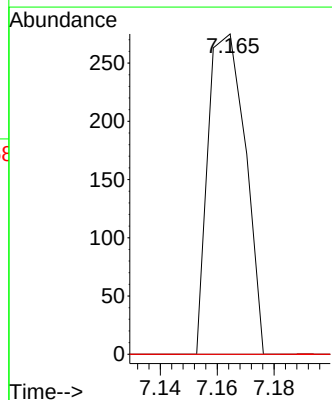
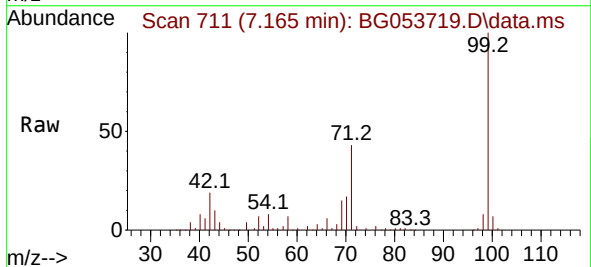
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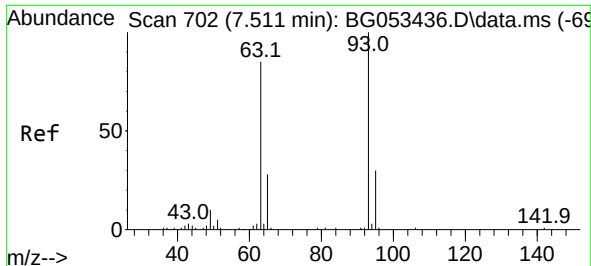
Tgt Ion: 99 Resp: 184200
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 43.1 33.8 50.8



#9
Benzaldehyde
Concen: 0.163 ng
RT: 7.165 min Scan# 711
Delta R.T. 0.042 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion: 77 Resp: 250
Ion Ratio Lower Upper
77 100
105 0.0 59.6 99.6#
106 0.0 56.8 96.8#

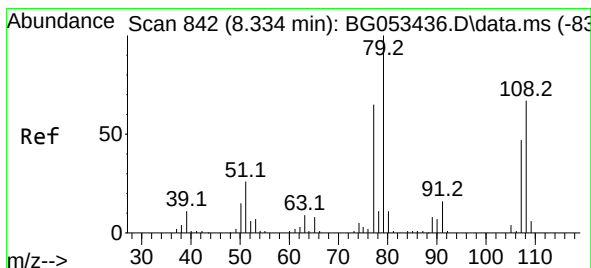
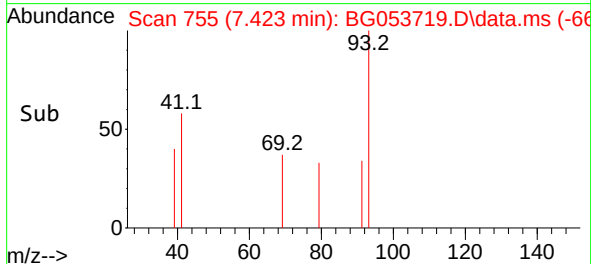
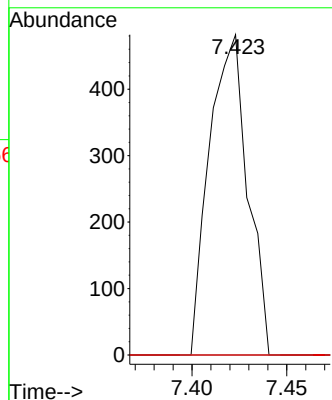
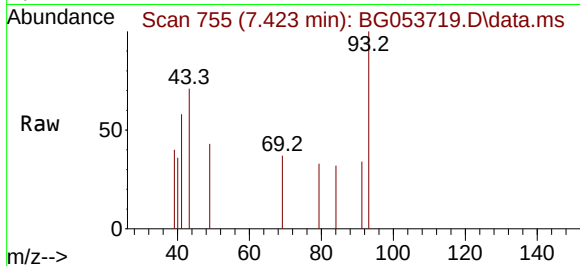




#11
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 7.423 min Scan# 702
Delta R.T. 0.018 min
Lab File: BG053719.D
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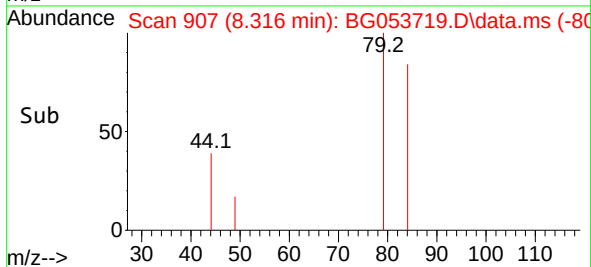
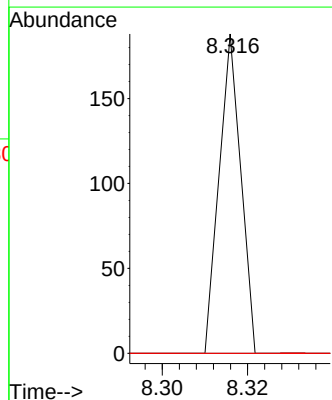
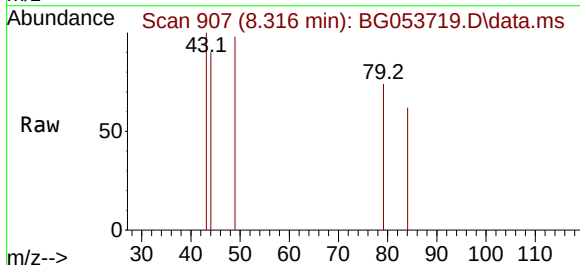
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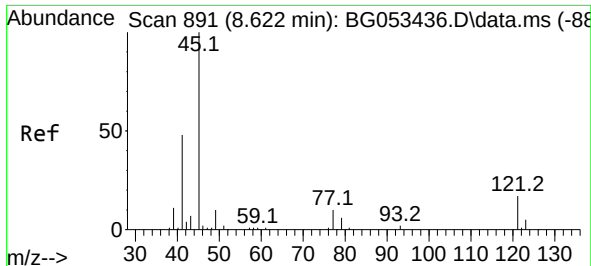
Tgt Ion: 93 Resp: 677
Ion Ratio Lower Upper
93 100
63 0.0 63.6 103.6#
95 0.0 10.1 50.1#



#15
Benzyl Alcohol
Concen: 0.033 ng
RT: 8.316 min Scan# 907
Delta R.T. 0.089 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion: 79 Resp: 66
Ion Ratio Lower Upper
79 100
108 0.0 53.7 80.5#
77 0.0 52.2 78.4#

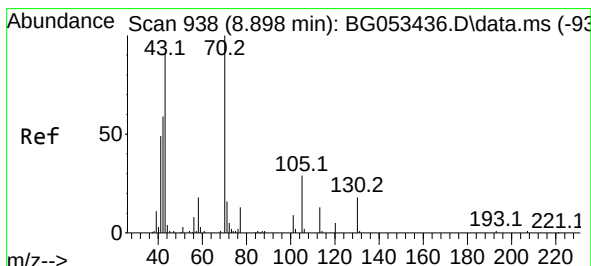
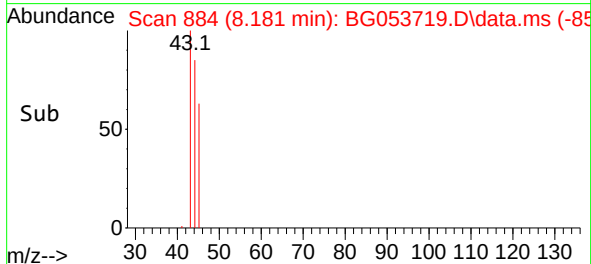
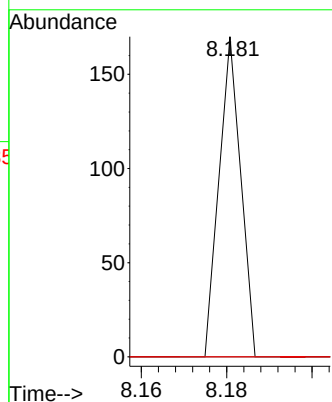
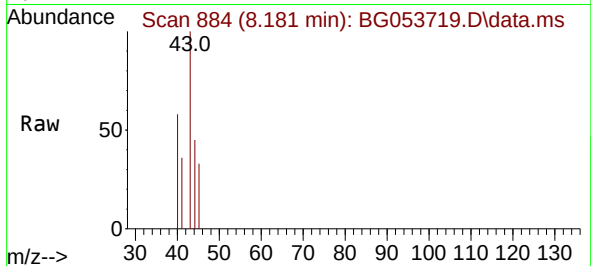




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.021 ng
RT: 8.181 min Scan# 81
Delta R.T. -0.340 min
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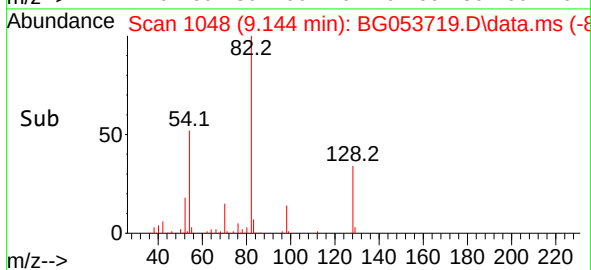
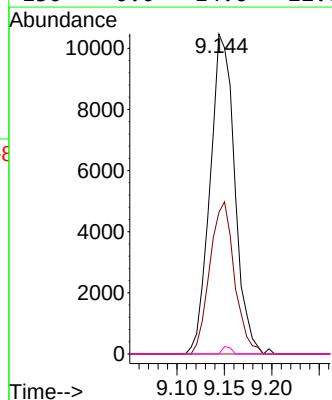
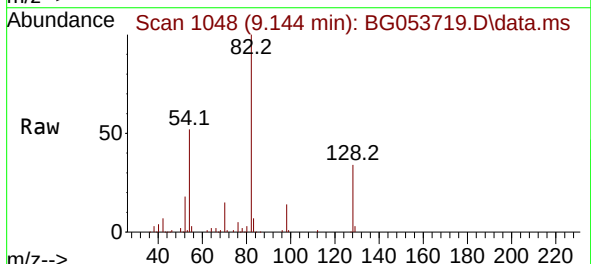
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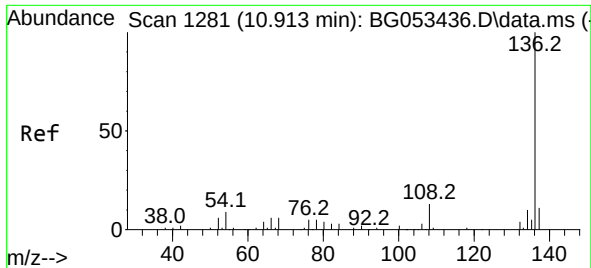
Tgt Ion:	45	Resp:	60
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.7
79	0.0	0.0	29.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.913 ng
RT: 9.144 min Scan# 1048
Delta R.T. 0.347 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:	70	Resp:	18926
Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.3	70.9#
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

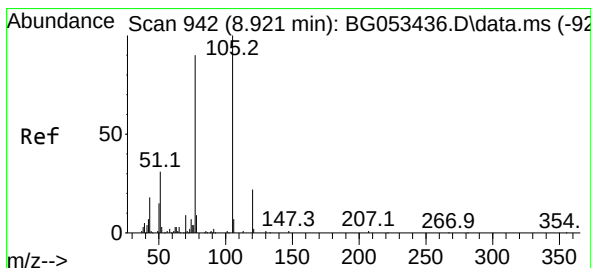
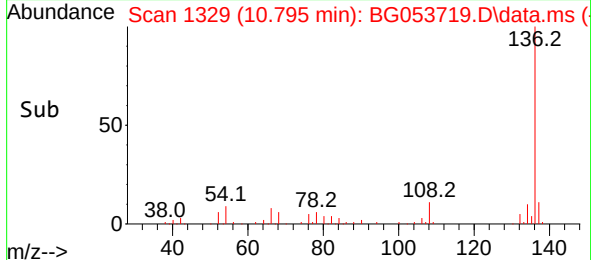
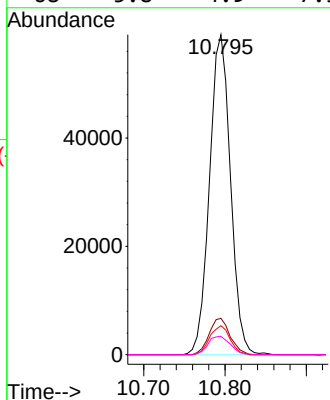
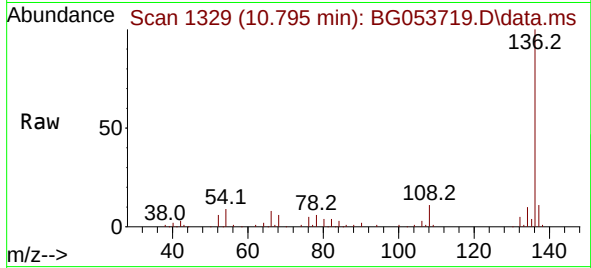




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

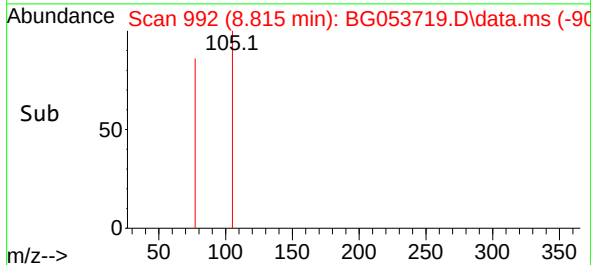
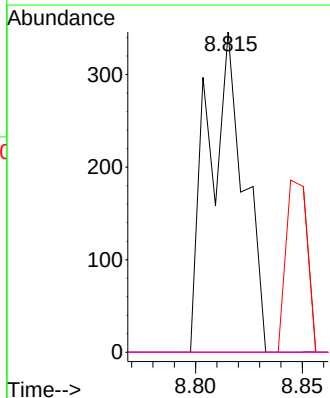
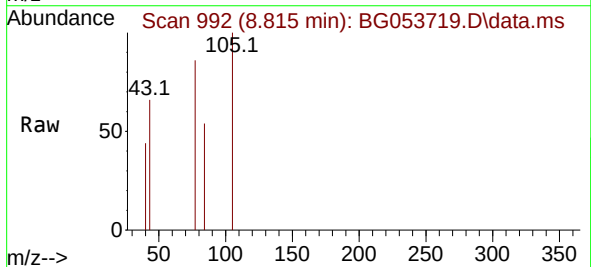
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

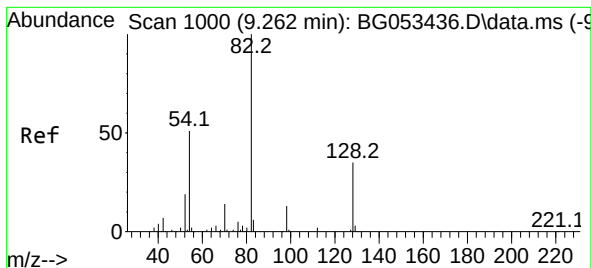
Tgt Ion:	136	Resp:	105848
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	9.1	7.4	11.2
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 0.140 ng
RT: 8.815 min Scan# 992
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:	105	Resp:	406
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: 52.209 ng

RT: 9.150 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0006-01

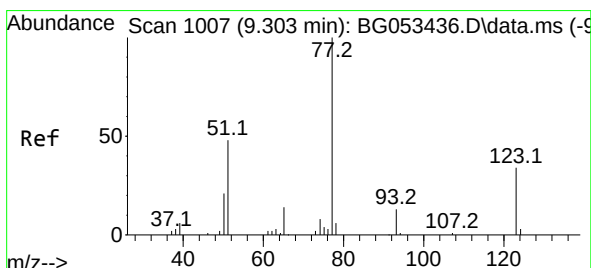
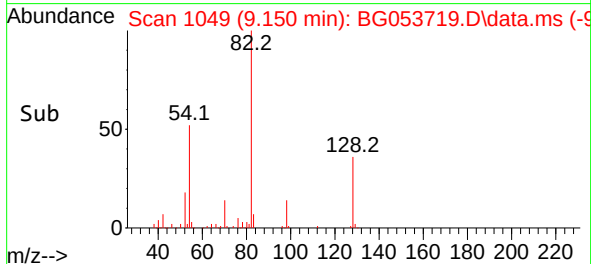
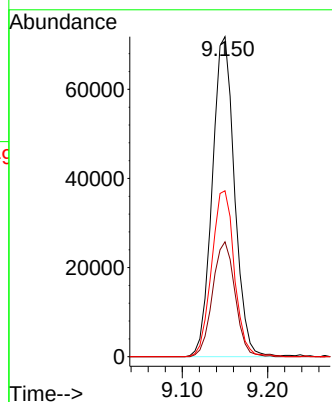
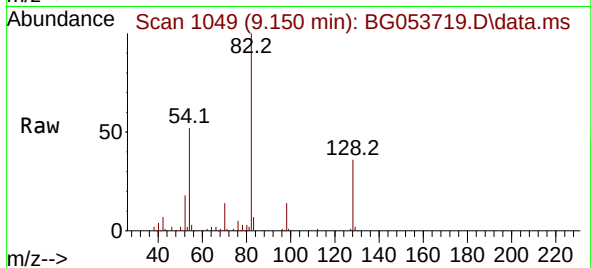
Tgt Ion: 82 Resp: 129819

Ion Ratio Lower Upper

82 100

128 35.9 27.9 41.9

54 51.8 41.2 61.8



#24

Nitrobenzene

Concen: 0.206 ng

RT: 9.144 min Scan# 1048

Delta R.T. -0.052 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

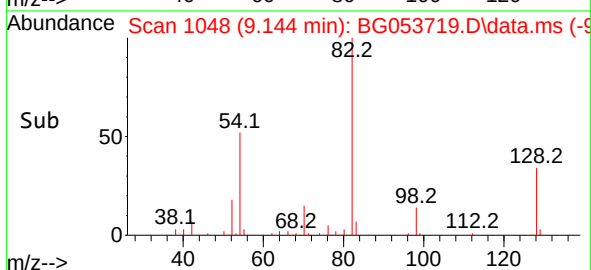
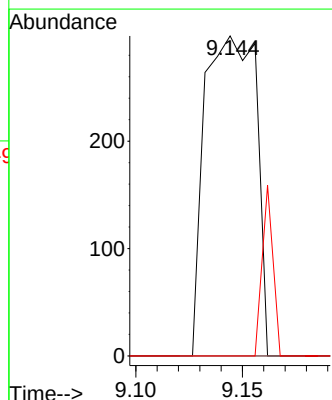
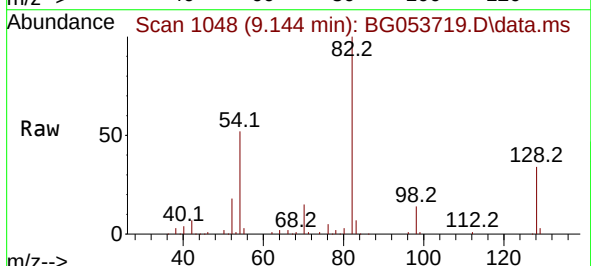
Tgt Ion: 77 Resp: 496

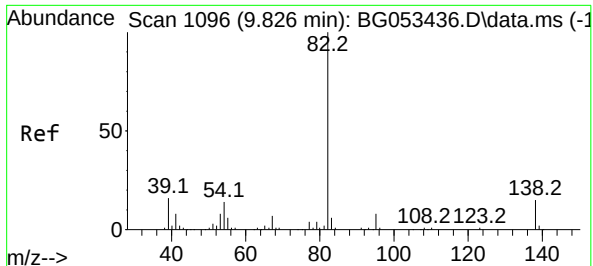
Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

65 0.0 11.4 17.0#

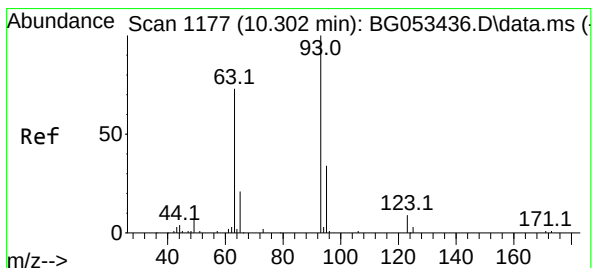
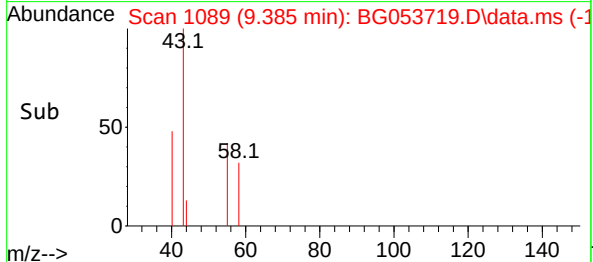
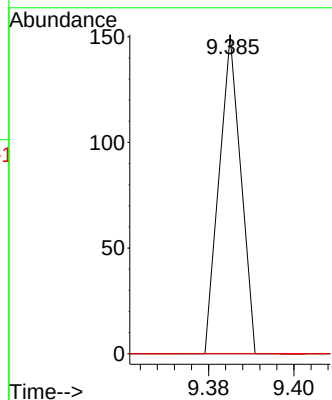
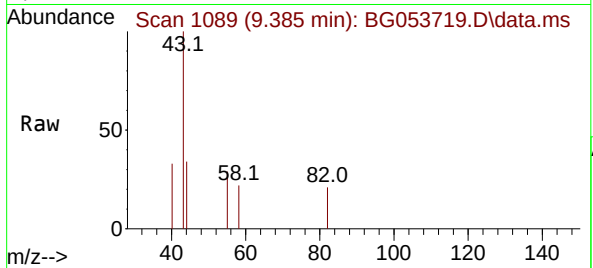




#25
Isophorone
Concen: 0.013 ng
RT: 9.385 min Scan# 110
Delta R.T. -0.334 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

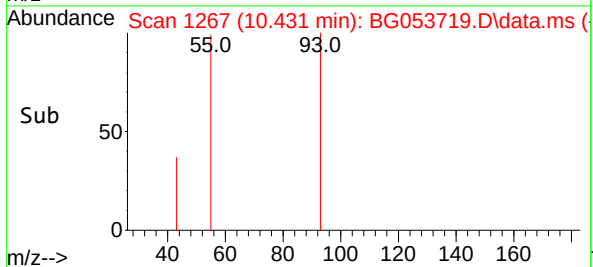
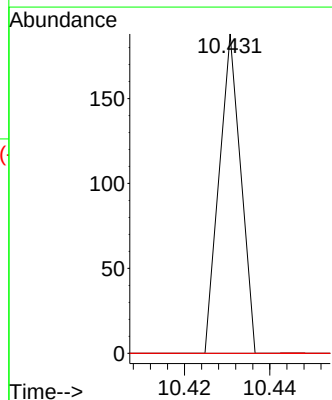
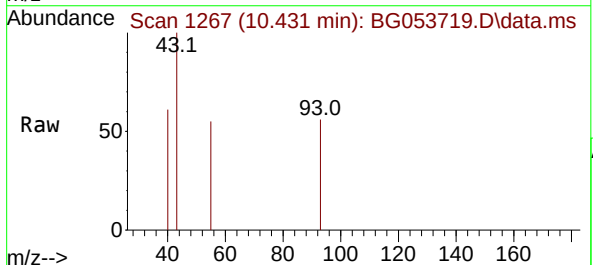
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

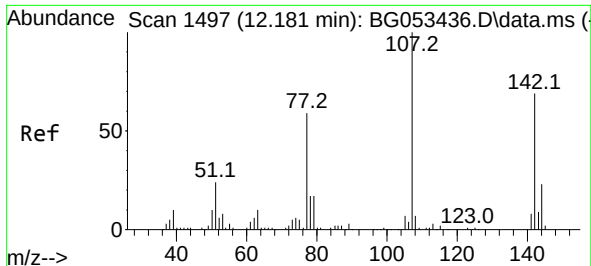
Tgt Ion: 82 Resp: 53
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.6 17.4#



#28
bis(2-Chloroethoxy)methane
Concen: 0.027 ng
RT: 10.431 min Scan# 1267
Delta R.T. 0.230 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion: 93 Resp: 66
Ion Ratio Lower Upper
93 100
95 0.0 26.9 40.3#
123 0.0 7.7 11.5#

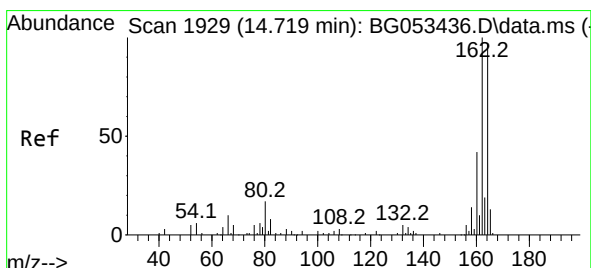
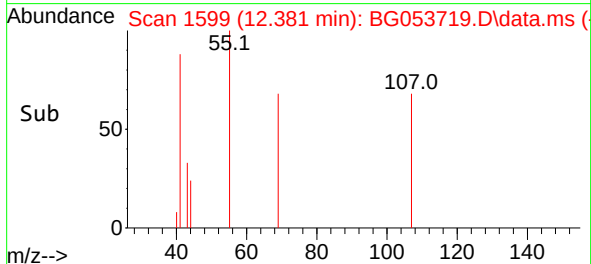
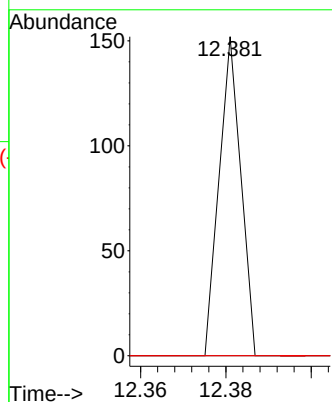
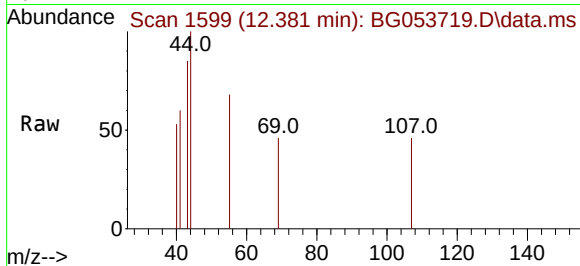




#36
4-Chloro-3-methylphenol
Concen: 0.025 ng
RT: 12.381 min Scan# 11
Delta R.T. 0.289 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

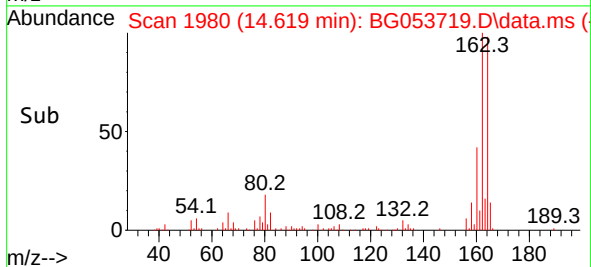
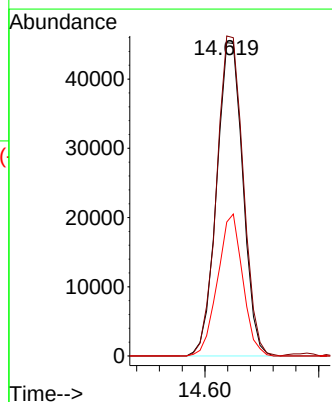
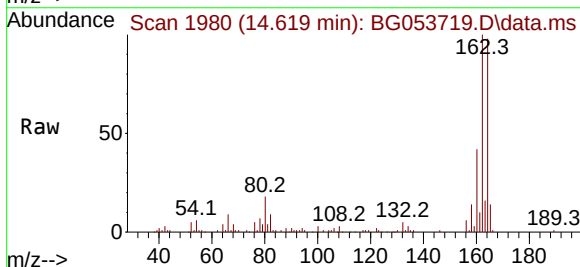
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

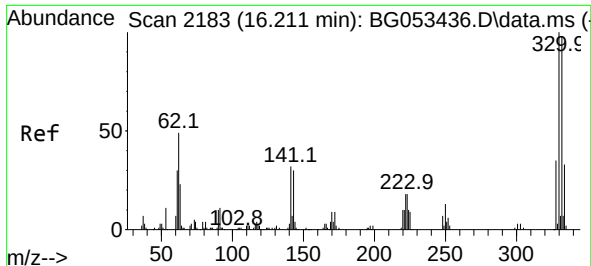
Tgt Ion:	107	Resp:	54
Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.5	27.7#
142	0.0	55.0	82.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:	164	Resp:	72466
Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	42.8	34.2	51.2

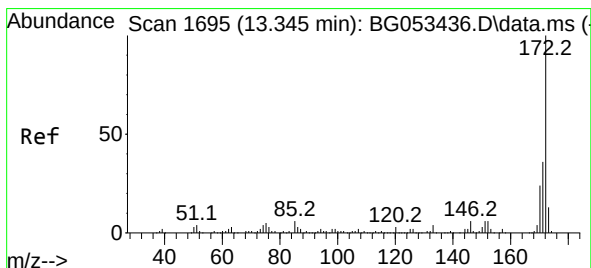
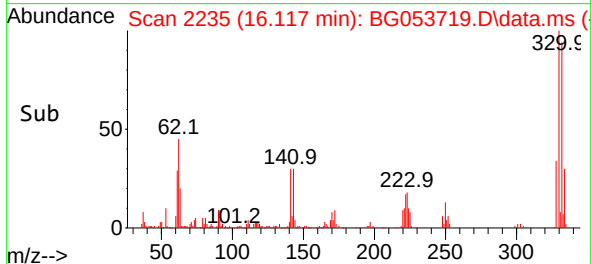
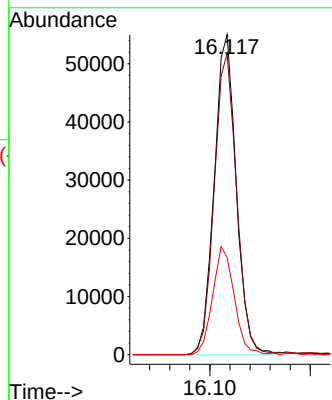
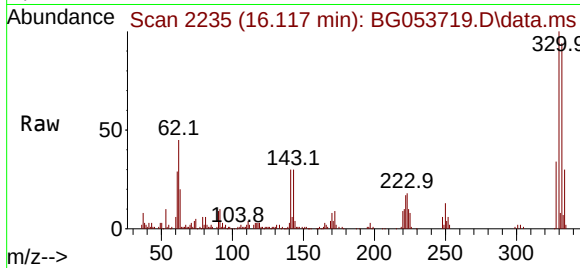




#42
2,4,6-Tribromophenol
Concen: 78.263 ng
RT: 16.117 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

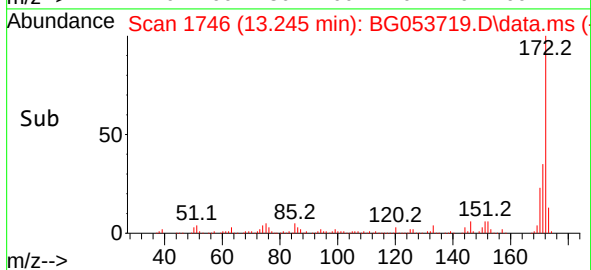
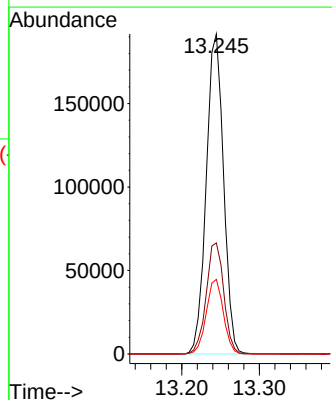
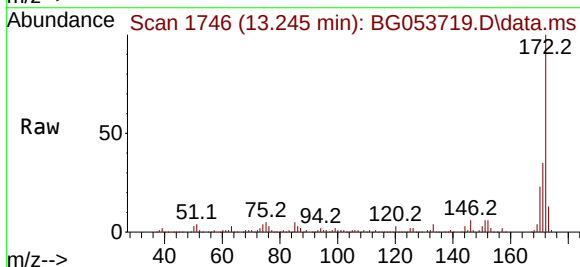
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

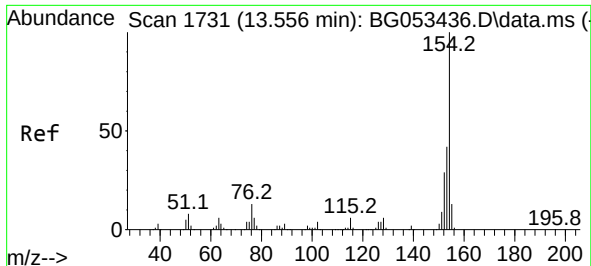
Tgt Ion:330 Resp: 83647
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 33.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 59.785 ng
RT: 13.245 min Scan# 1746
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:172 Resp: 296478
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.3 18.9 28.3

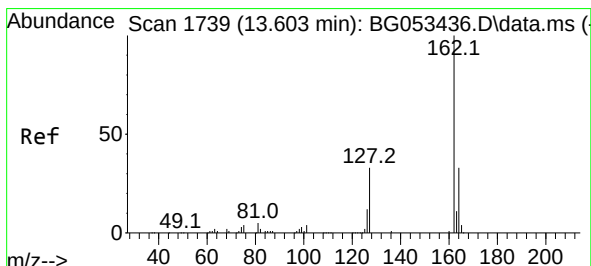
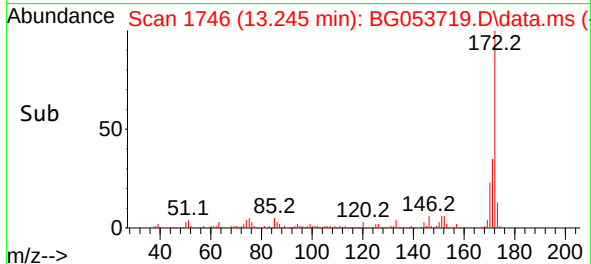
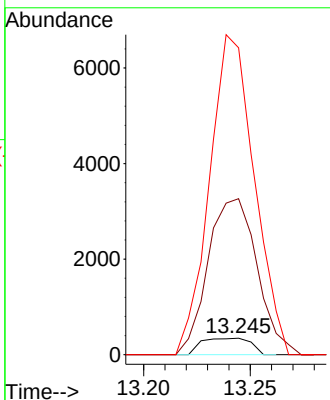
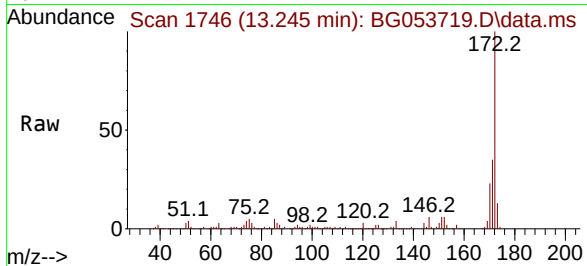




#46
1,1'-Biphenyl
Concen: 0.112 ng
RT: 13.245 min Scan# 1
Delta R.T. -0.217 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

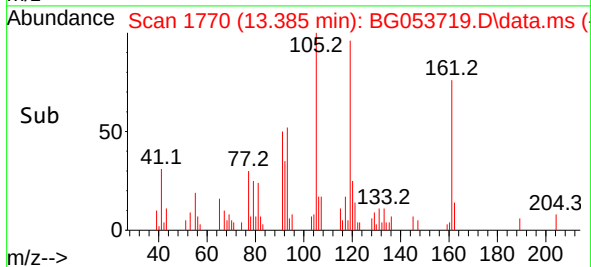
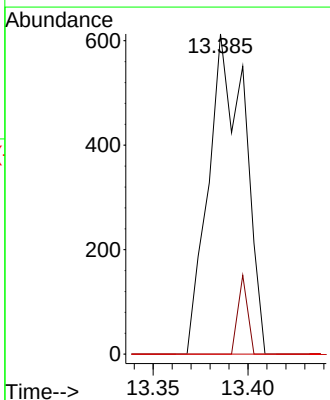
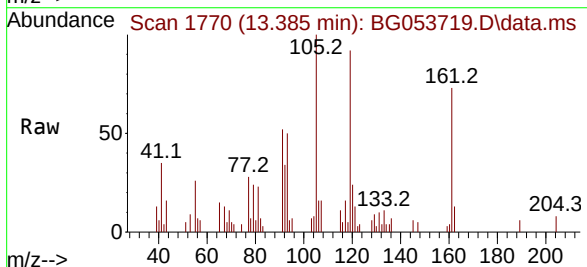
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

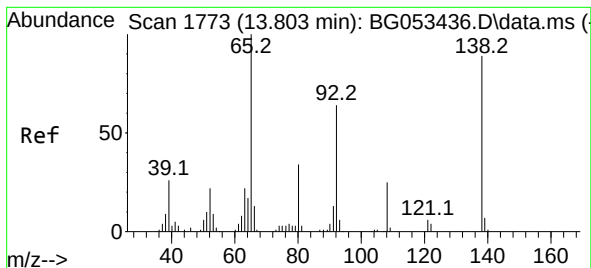
Tgt Ion:154 Resp: 551
Ion Ratio Lower Upper
154 100
153 943.6 21.6 61.6#
76 1856.9 0.0 32.6#



#47
2-Chloronaphthalene
Concen: 0.211 ng
RT: 13.385 min Scan# 1770
Delta R.T. -0.117 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:162 Resp: 816
Ion Ratio Lower Upper
162 100
127 0.0 30.6 45.8#
164 0.0 26.5 39.7#





#48

2-Nitroaniline

Concen: 0.097 ng

RT: 13.679 min Scan# 11

Delta R.T. -0.029 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

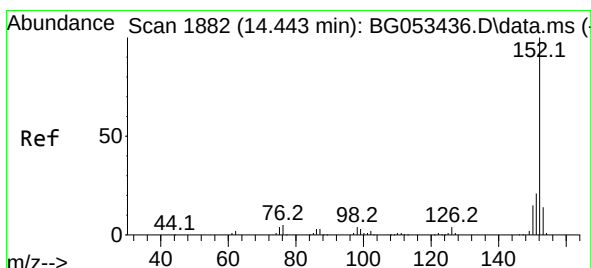
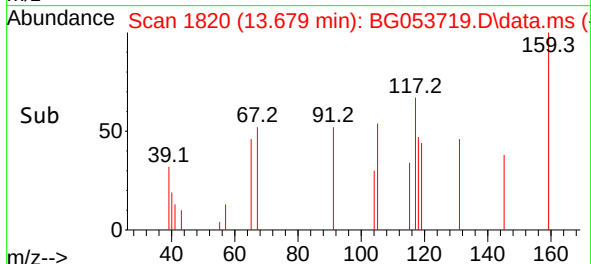
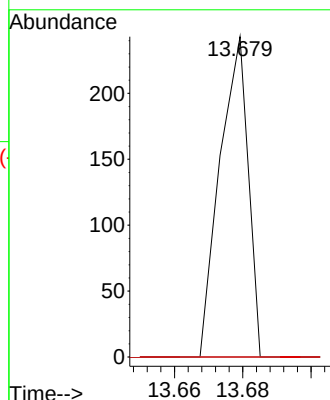
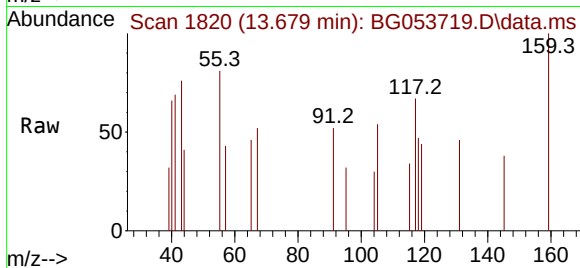
Instrument :

BNA_G

ClientSampleId :

P021-SS007-0006-01

Tgt Ion:	65	Resp:	140
Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.5	77.3#
138	0.0	71.3	106.9#



#49

Acenaphthylene

Concen: 0.064 ng

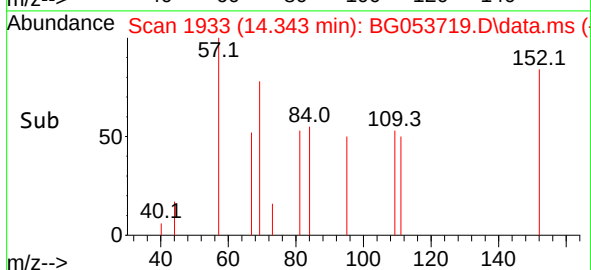
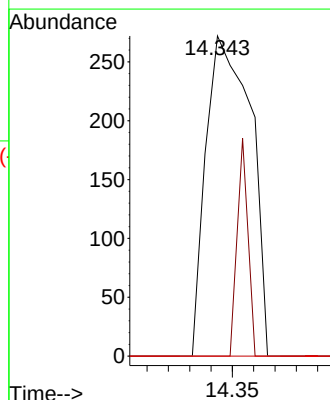
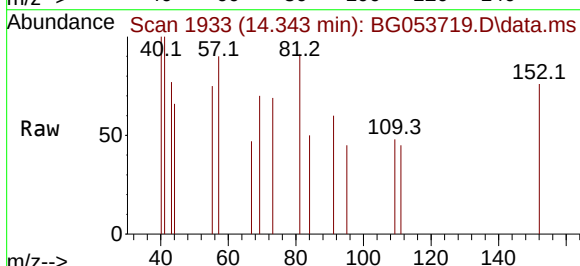
RT: 14.343 min Scan# 1933

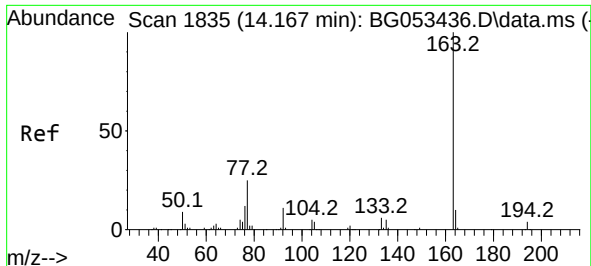
Delta R.T. -0.005 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

Tgt Ion:	152	Resp:	396
Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.4	24.6#
153	0.0	10.8	16.2#

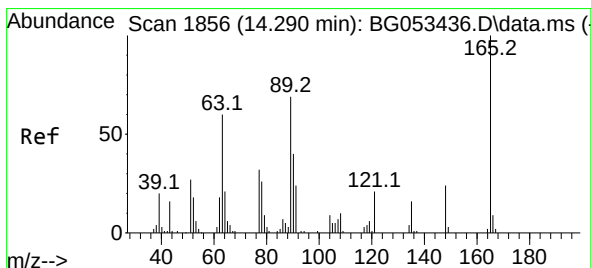
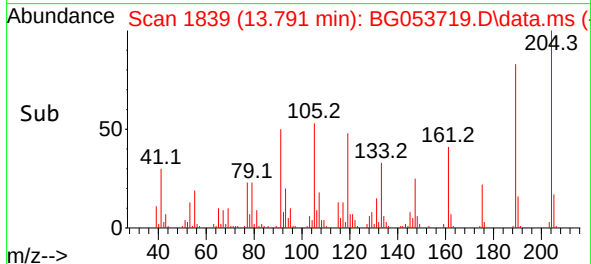
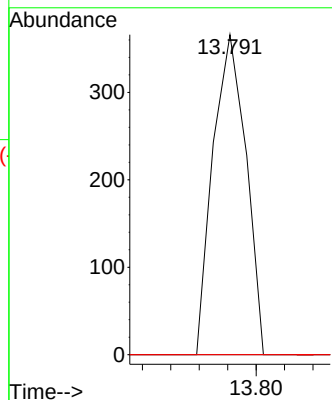
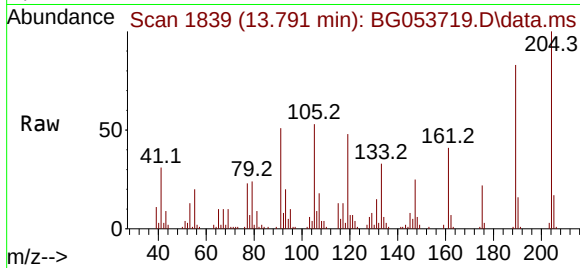




#50
Dimethylphthalate
Concen: 0.054 ng
RT: 13.791 min Scan# 1
Delta R.T. -0.287 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

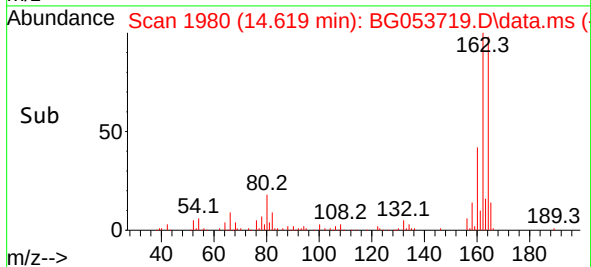
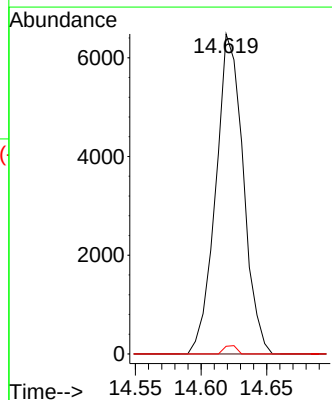
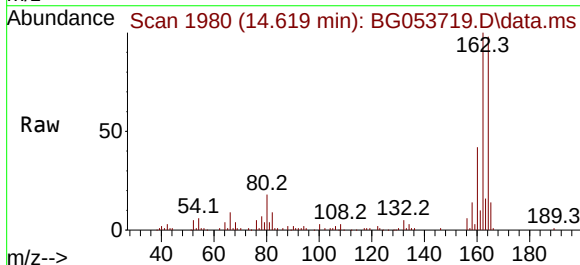
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

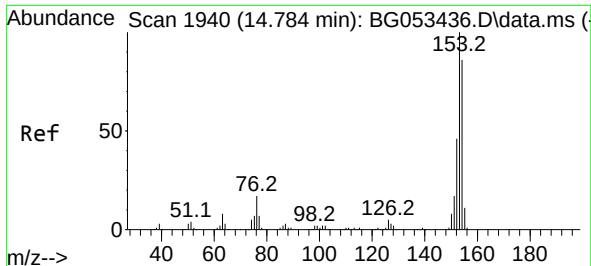
Tgt Ion:163 Resp: 295
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 0.0 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.398 ng
RT: 14.619 min Scan# 1980
Delta R.T. 0.418 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:165 Resp: 9422
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.4 54.8 82.2#

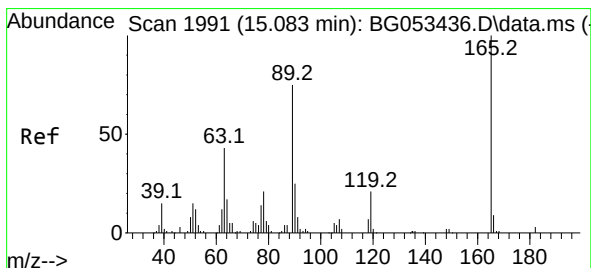
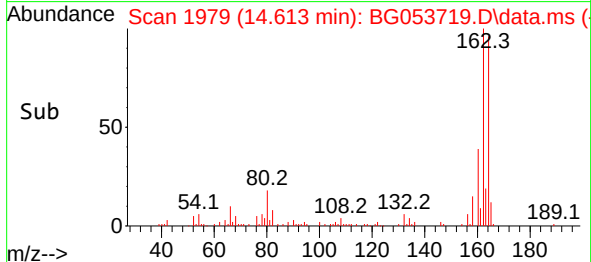
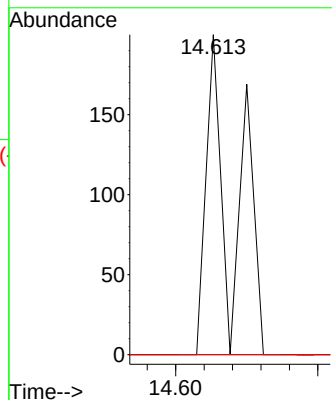
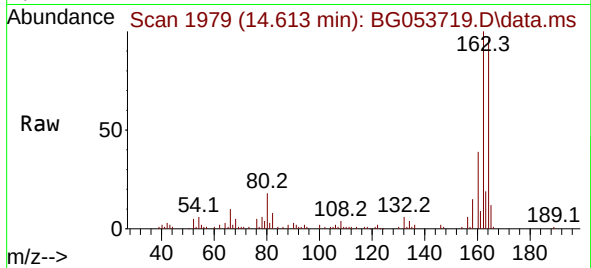




#52
Acenaphthene
Concen: 0.035 ng
RT: 14.613 min Scan# 1940
Delta R.T. -0.076 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

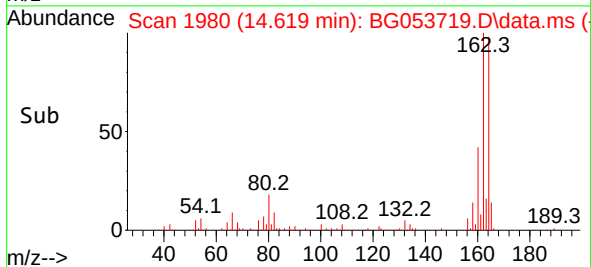
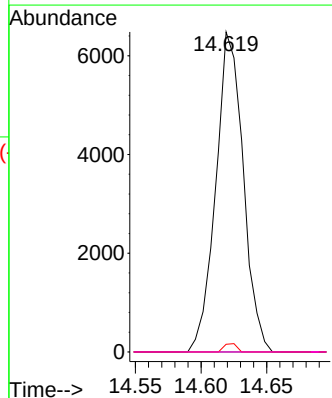
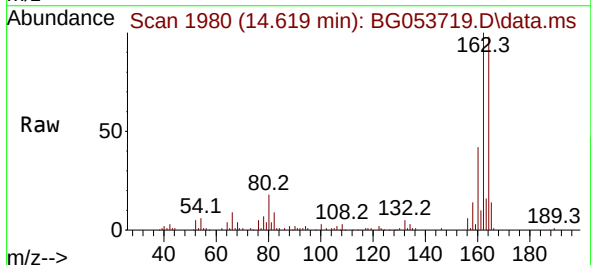
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

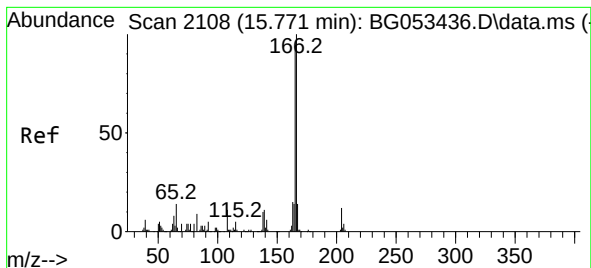
Tgt Ion:154 Resp: 130
Ion Ratio Lower Upper
154 100
153 0.0 92.7 139.1#
152 0.0 42.6 64.0#



#57
2,4-Dinitrotoluene
Concen: 5.794 ng
RT: 14.619 min Scan# 1980
Delta R.T. -0.375 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:165 Resp: 9422
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.4 60.3 90.5#
182 0.0 2.2 3.4#





#58

Fluorene

Concen: 0.410 ng

RT: 16.111 min Scan# 2108

Delta R.T. 0.435 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0006-01

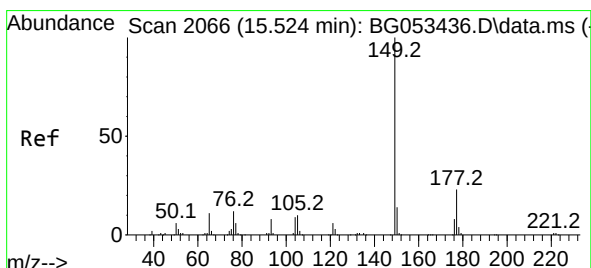
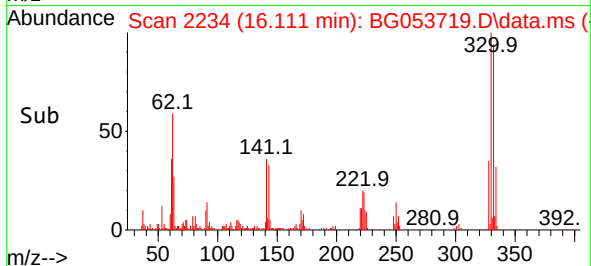
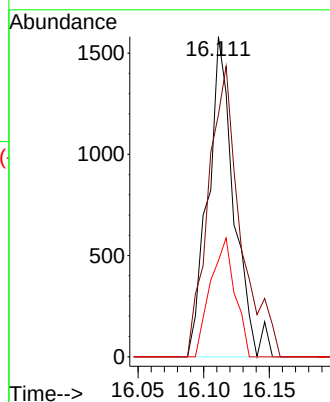
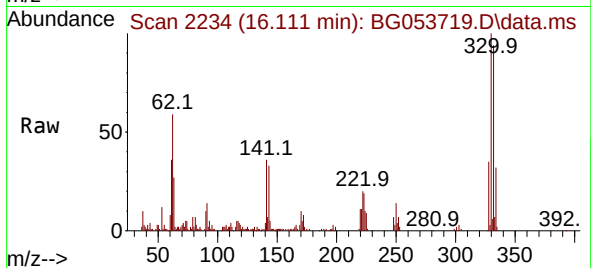
Tgt Ion:166 Resp: 2174

Ion Ratio Lower Upper

166 100

165 75.6 75.0 112.6

167 30.0 10.8 16.2#



#60

Diethylphthalate

Concen: 0.172 ng

RT: 15.453 min Scan# 2122

Delta R.T. 0.018 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

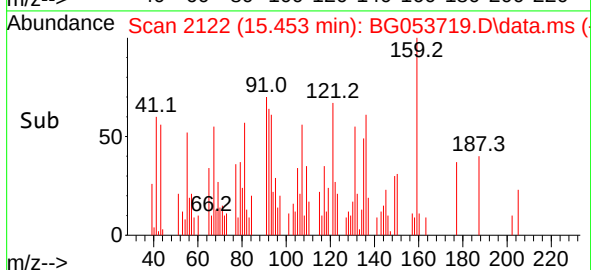
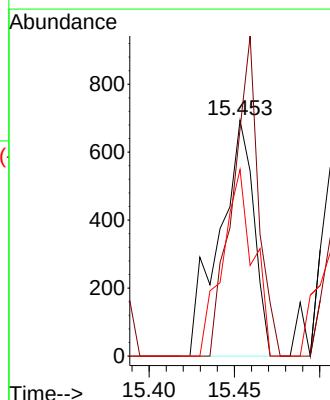
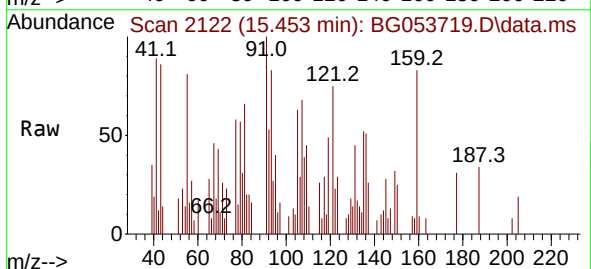
Tgt Ion:149 Resp: 976

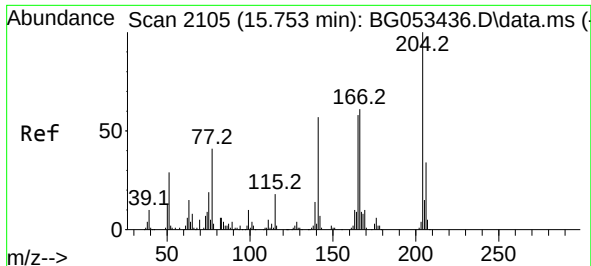
Ion Ratio Lower Upper

149 100

177 96.3 18.4 27.6#

150 79.1 11.2 16.8#

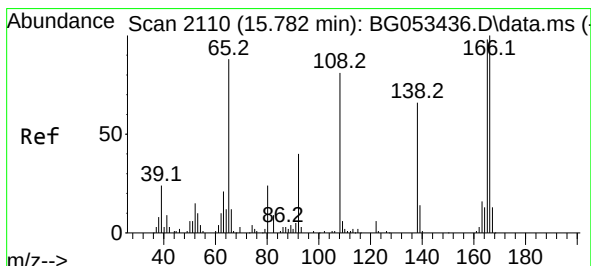
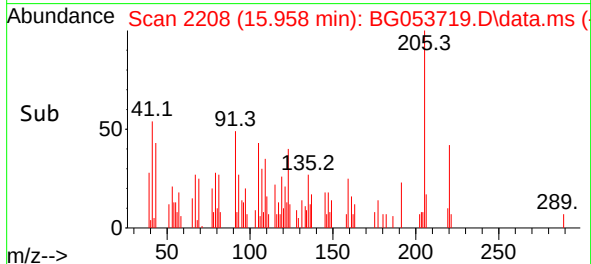
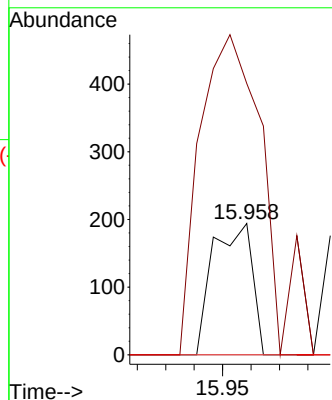
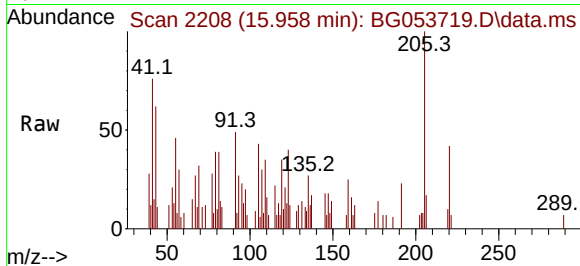




#61
4-Chlorophenyl-phenylether
Concen: 0.063 ng
RT: 15.958 min Scan# 2105
Delta R.T. 0.300 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

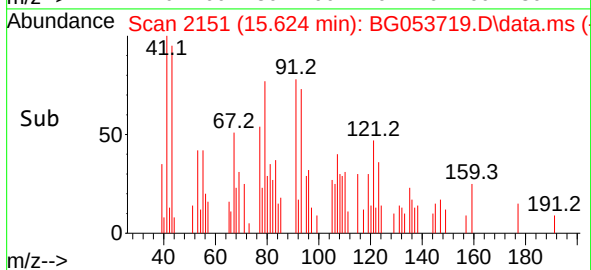
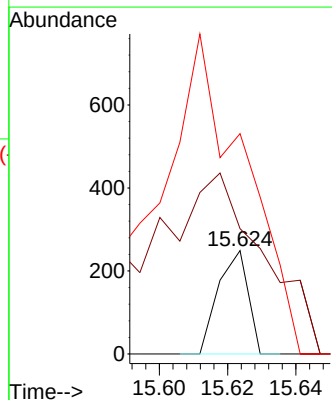
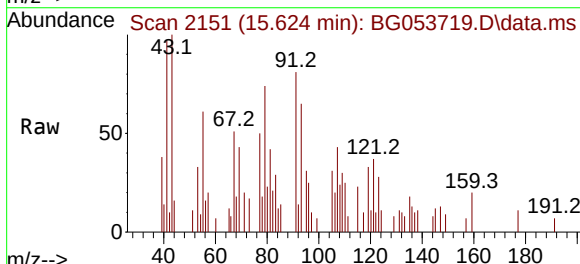
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

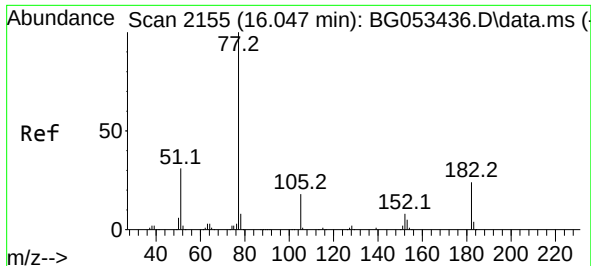
Tgt Ion:204 Resp: 186
Ion Ratio Lower Upper
204 100
206 206.7 27.5 41.3#
141 0.0 45.3 67.9#



#62
4-Nitroaniline
Concen: 0.119 ng
RT: 15.624 min Scan# 2151
Delta R.T. -0.076 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:138 Resp: 150
Ion Ratio Lower Upper
138 100
92 121.3 40.5 80.5#
108 213.3 103.7 143.7#

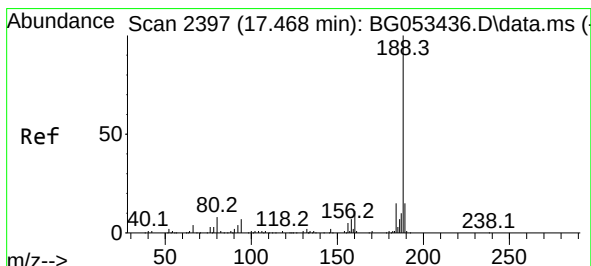
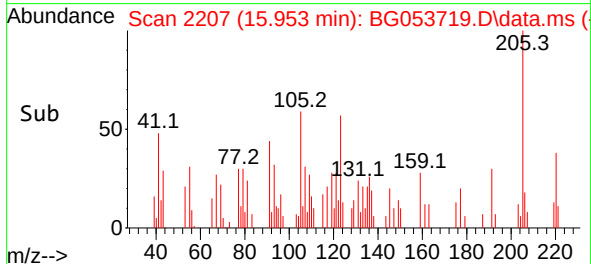
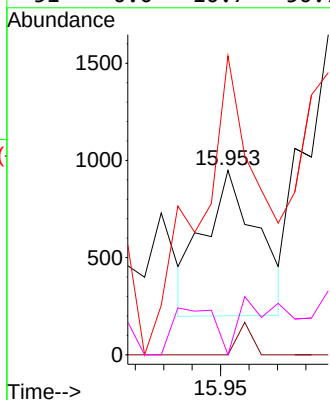
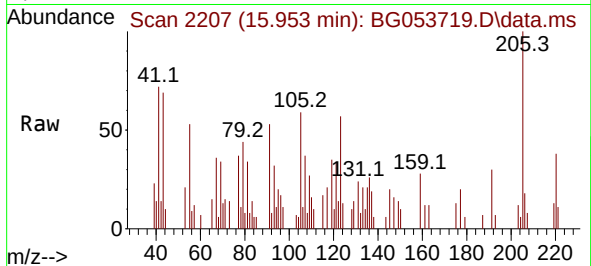




#63
Azobenzene
Concen: 0.167 ng
RT: 15.953 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

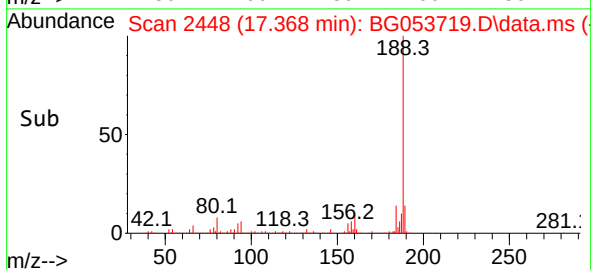
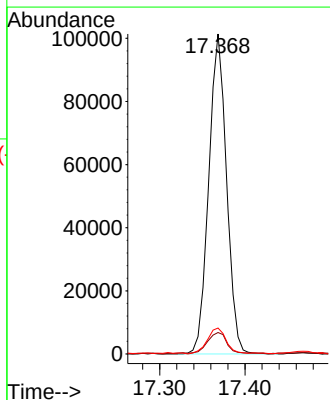
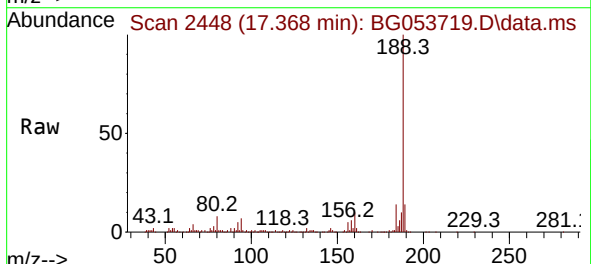
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

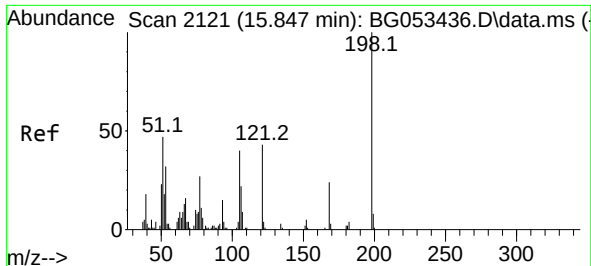
Tgt Ion: 77	Resp:	972
Ion Ratio	Lower	Upper
77	100	
182	0.0	3.8
105	162.1	0.0
51	0.0	10.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion: 188	Resp:	146948
Ion Ratio	Lower	Upper
188	100	
94	6.7	5.4
80	8.1	6.8

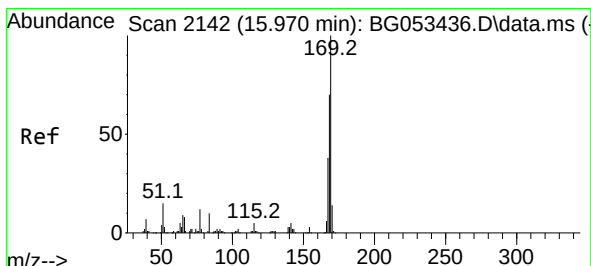
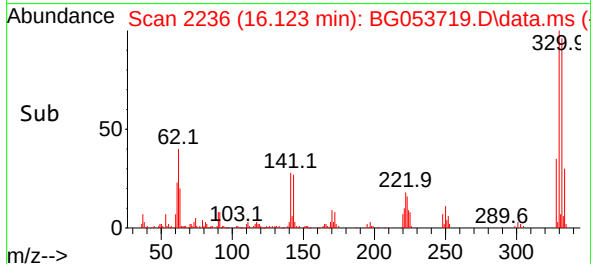
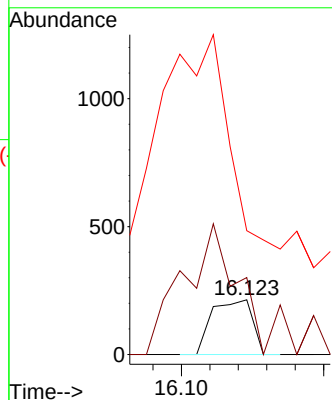
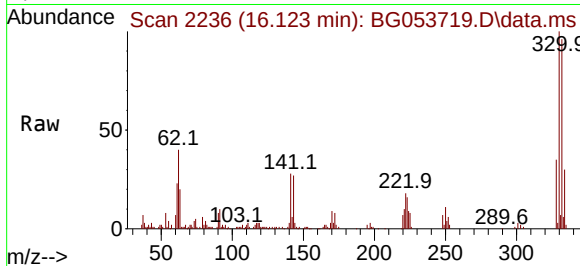




#65
4,6-Dinitro-2-methylphenol
Concen: 0.240 ng
RT: 16.123 min Scan# 2121
Delta R.T. 0.359 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

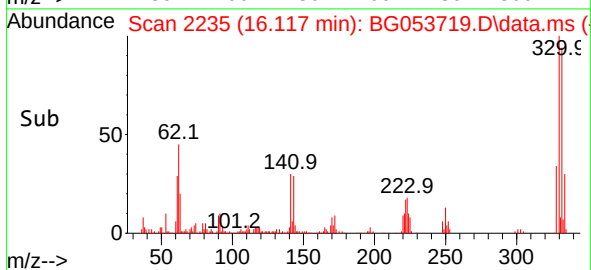
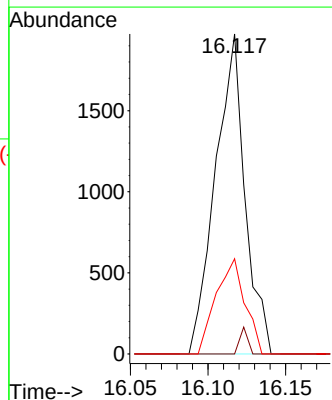
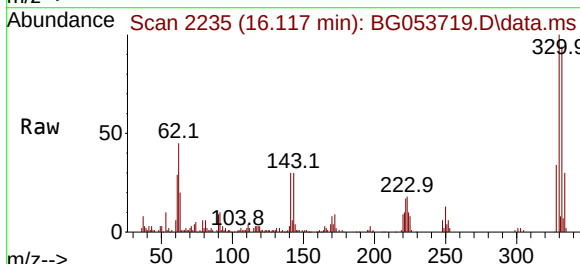
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

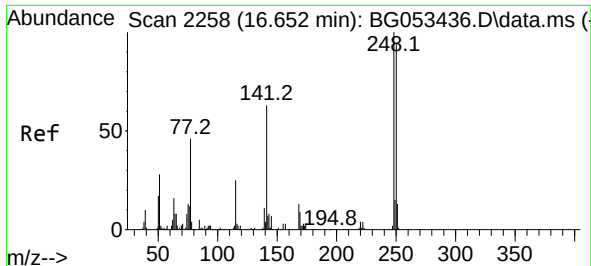
Tgt Ion:198 Resp: 210
Ion Ratio Lower Upper
198 100
51 140.7 28.1 68.1#
105 226.2 20.3 60.3#



#66
n-Nitrosodiphenylamine
Concen: 0.678 ng
RT: 16.117 min Scan# 2235
Delta R.T. 0.242 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:169 Resp: 2614
Ion Ratio Lower Upper
169 100
168 0.0 55.9 83.9#
167 29.8 30.6 46.0#

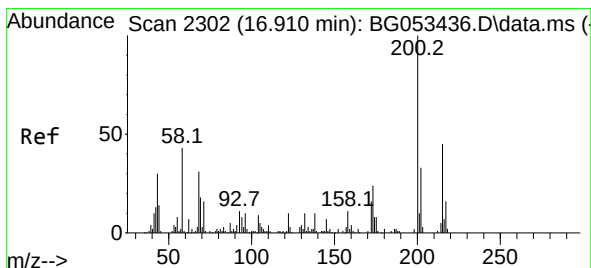
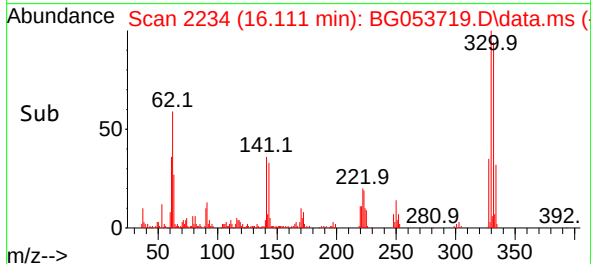
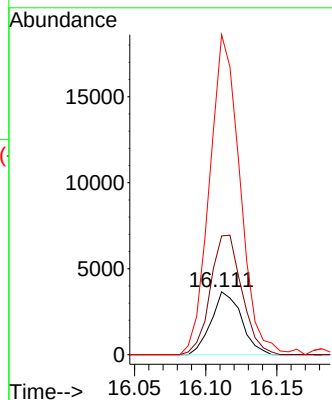
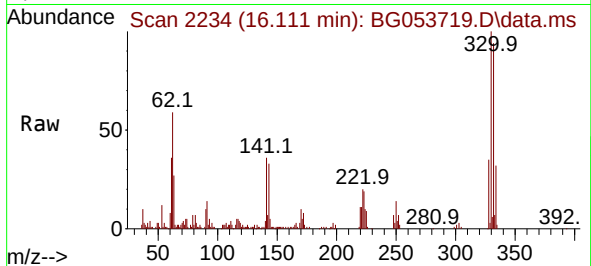




#67
4-Bromophenyl-phenylether
Concen: 3.148 ng
RT: 16.111 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

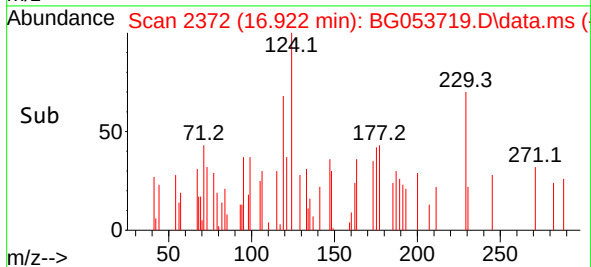
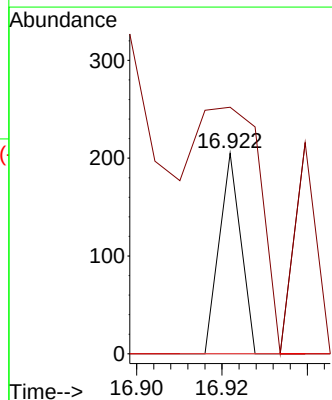
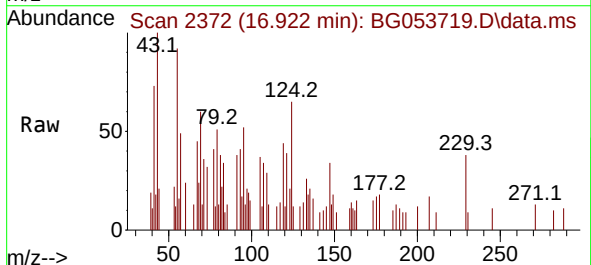
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

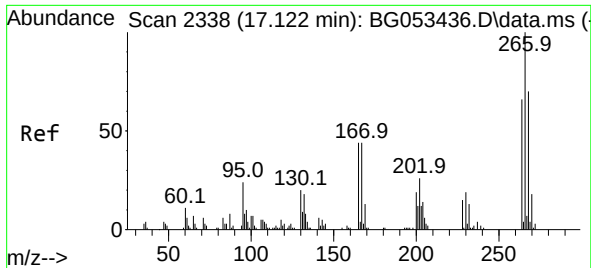
Tgt Ion:248 Resp: 5402
Ion Ratio Lower Upper
248 100
250 188.7 75.2 112.8#
141 508.4 50.0 75.0#



#69
Atrazine
Concen: 0.044 ng
RT: 16.922 min Scan# 2372
Delta R.T. 0.101 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:200 Resp: 72
Ion Ratio Lower Upper
200 100
173 122.9 3.7 43.7#
215 0.0 25.2 65.2#

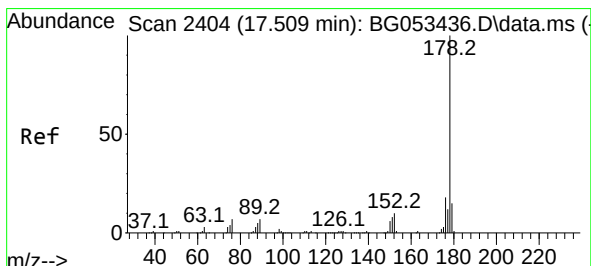
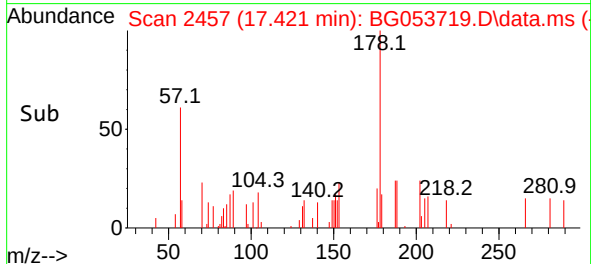
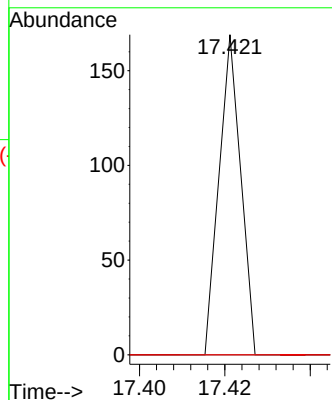
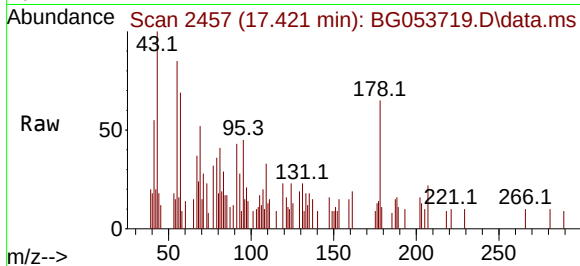




#70
Pentachlorophenol
Concen: 4.706 ng
RT: 17.421 min Scan# 2457
Delta R.T. 0.388 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

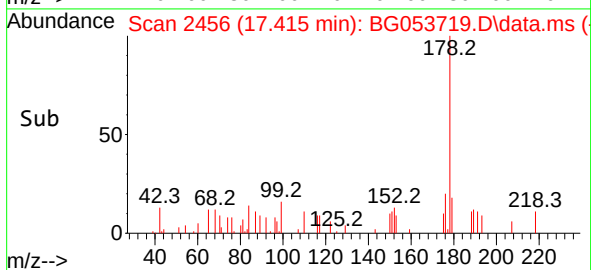
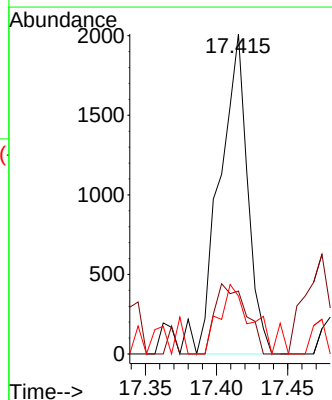
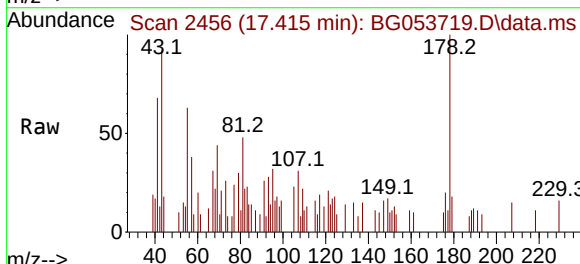
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

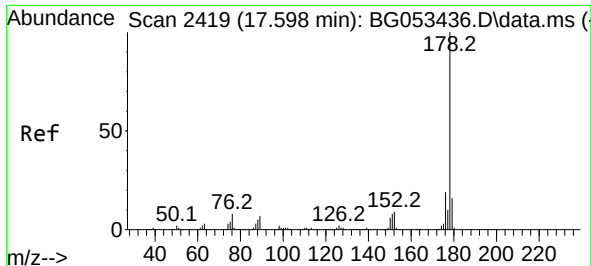
Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#



#71
Phenanthrene
Concen: 0.369 ng
RT: 17.415 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:178 Resp: 2758
Ion Ratio Lower Upper
178 100
176 19.6 14.1 21.1
179 18.1 12.1 18.1

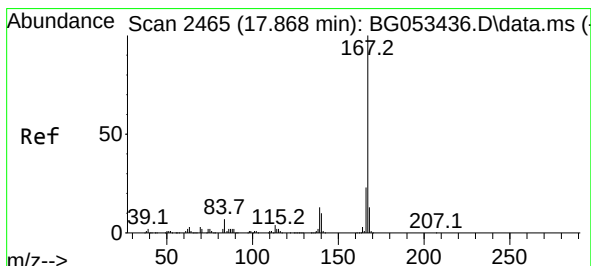
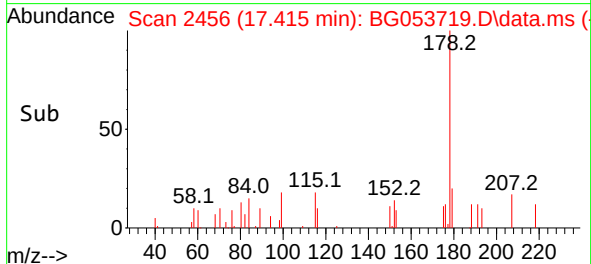
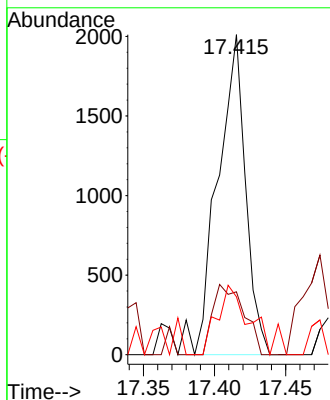
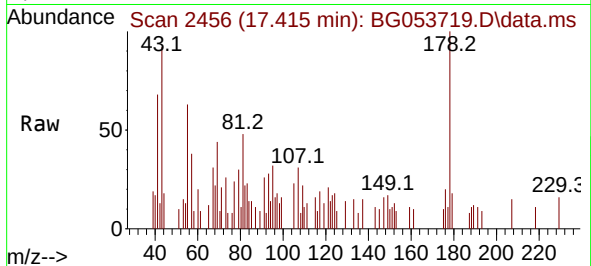




#72
 Anthracene
 Concen: 0.376 ng
 RT: 17.415 min Scan# 2419
 Delta R.T. -0.087 min
 Lab File: BG053719.D
 Acq: 26 May 2022 16:24

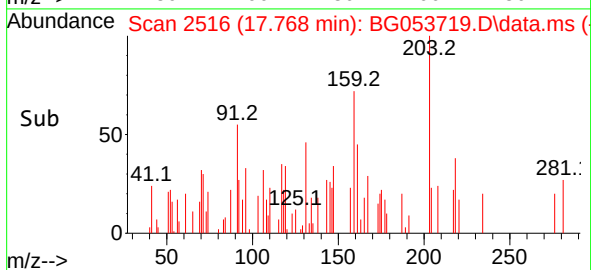
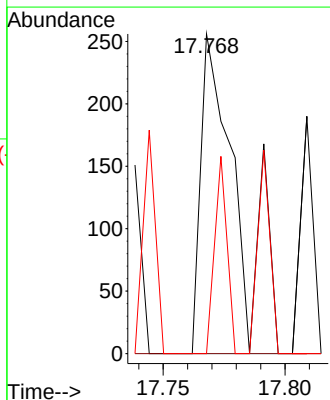
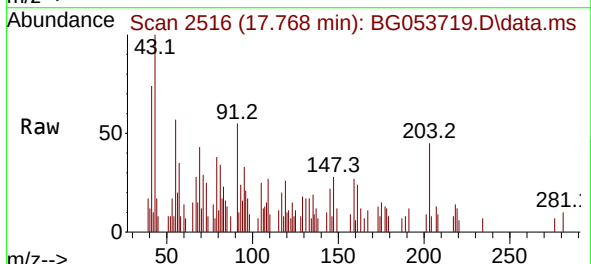
Instrument :
 BNA_G
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 P021-SS007-0006-01

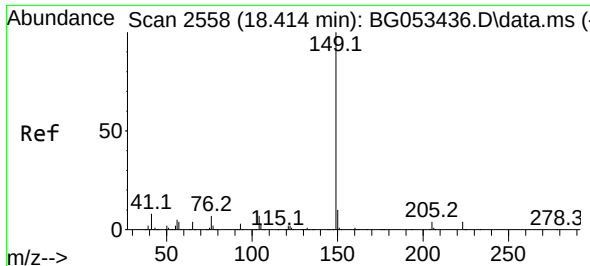
Tgt Ion:178 Resp: 2758
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.2 22.8
 179 18.1 13.0 19.4



#73
 Carbazole
 Concen: 0.038 ng
 RT: 17.768 min Scan# 2516
 Delta R.T. -0.011 min
 Lab File: BG053719.D
 Acq: 26 May 2022 16:24

Tgt Ion:167 Resp: 270
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.2#
 139 0.0 10.1 15.1#

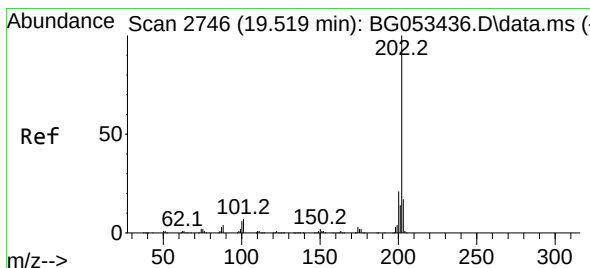
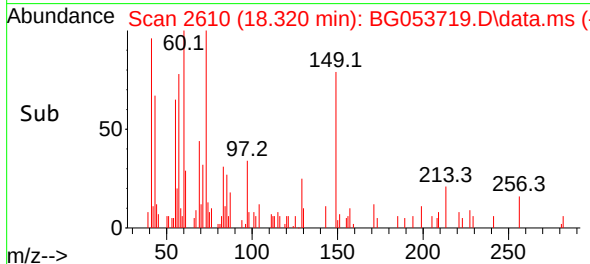
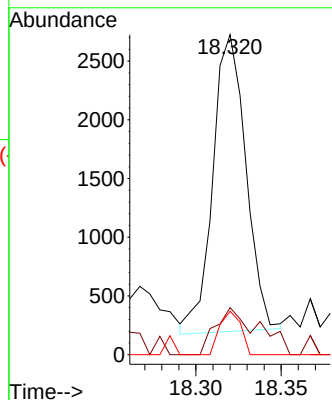
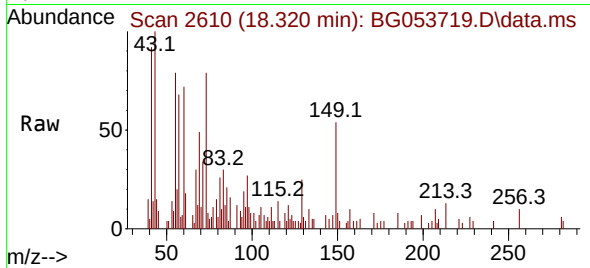




#74
Di-n-butylphthalate
Concen: 0.421 ng
RT: 18.320 min Scan# 210
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

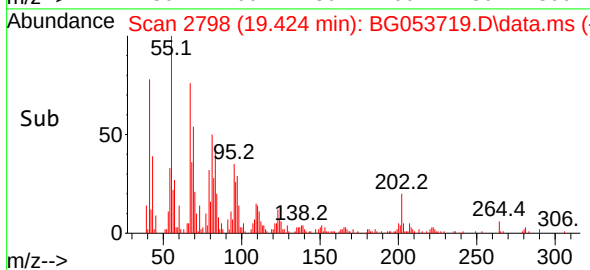
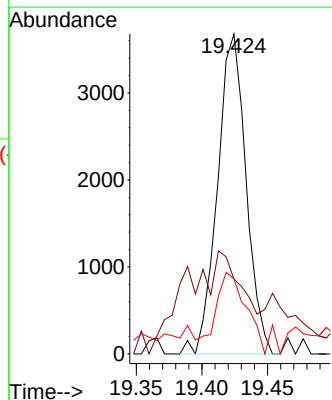
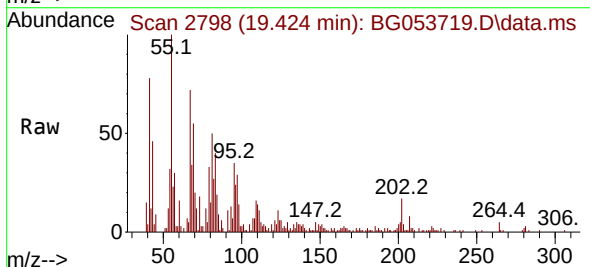
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

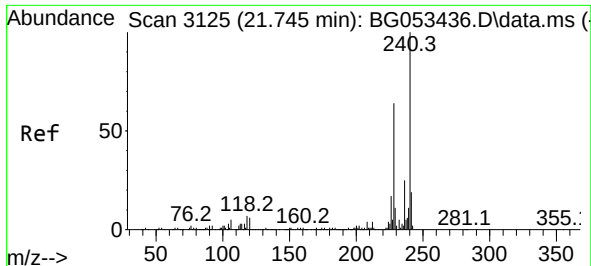
Tgt Ion:149 Resp: 3412
Ion Ratio Lower Upper
149 100
150 14.7 7.7 11.5#
104 13.5 5.4 8.0#



#75
Fluoranthene
Concen: 0.576 ng
RT: 19.424 min Scan# 2798
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:202 Resp: 5575
Ion Ratio Lower Upper
202 100
101 23.4 0.0 26.9
203 23.5 0.0 37.2

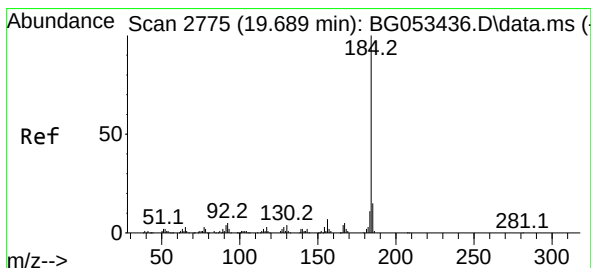
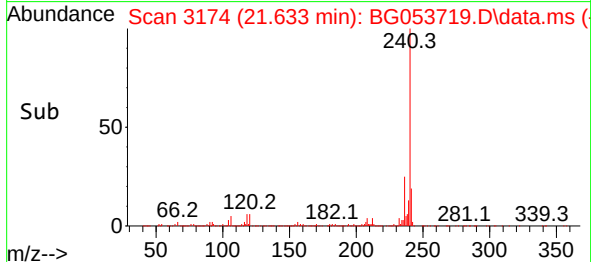
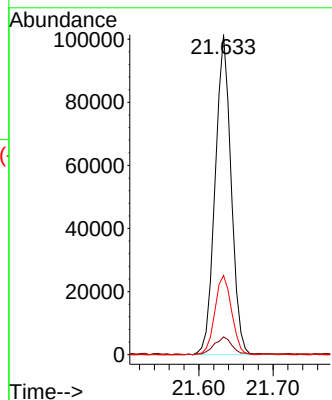
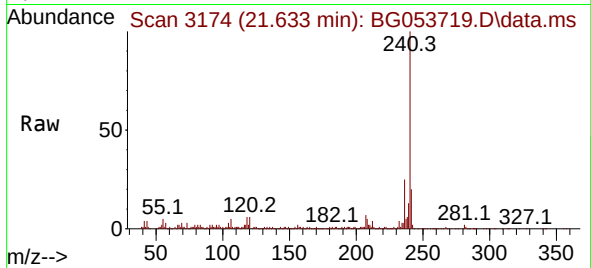




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

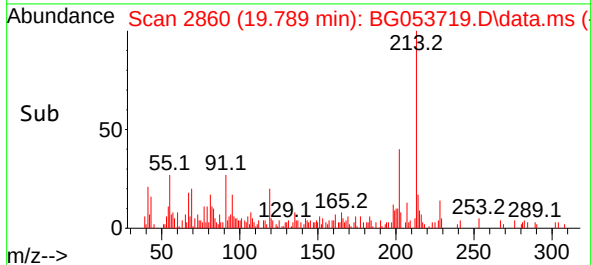
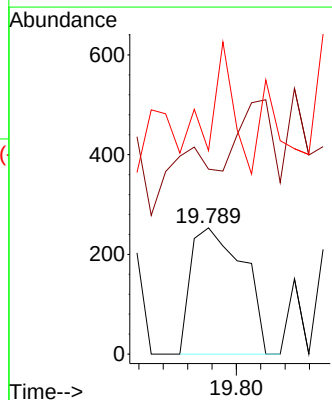
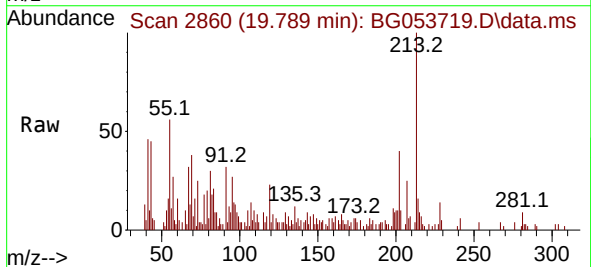
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

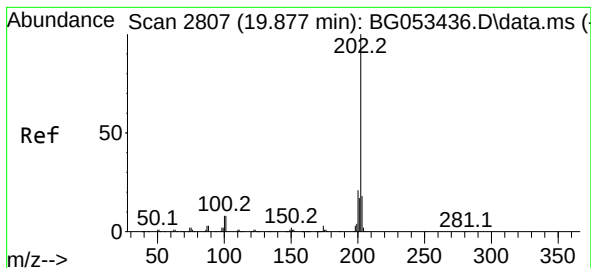
Tgt Ion:240 Resp: 151396
Ion Ratio Lower Upper
240 100
120 5.5 4.6 7.0
236 24.7 20.2 30.4



#77
Benzidine
Concen: 0.116 ng
RT: 19.789 min Scan# 2860
Delta R.T. 0.189 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:184 Resp: 378
Ion Ratio Lower Upper
184 100
185 146.6 11.8 17.6#
183 161.3 8.9 13.3#





#78

Pyrene

Concen: 0.531 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0006-01

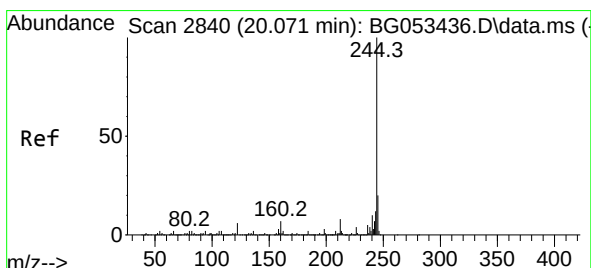
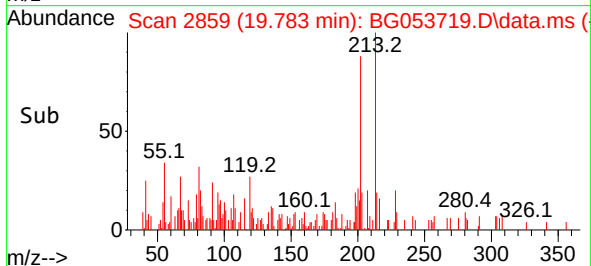
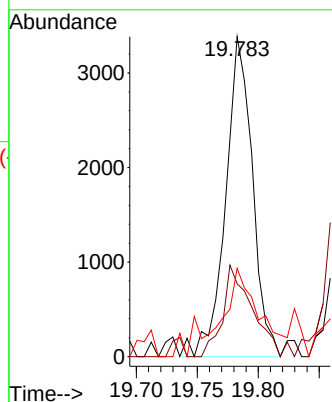
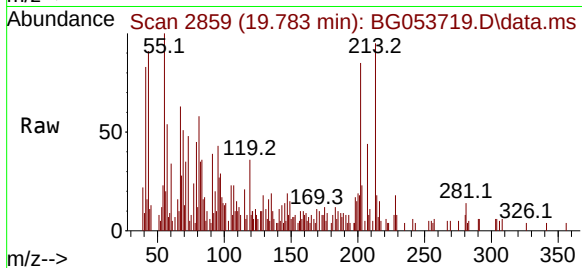
Tgt Ion:202 Resp: 5209

Ion Ratio Lower Upper

202 100

200 22.8 16.6 24.8

203 27.6 14.6 21.8#



#79

Terphenyl-d14

Concen: 53.543 ng

RT: 19.977 min Scan# 2892

Delta R.T. 0.001 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

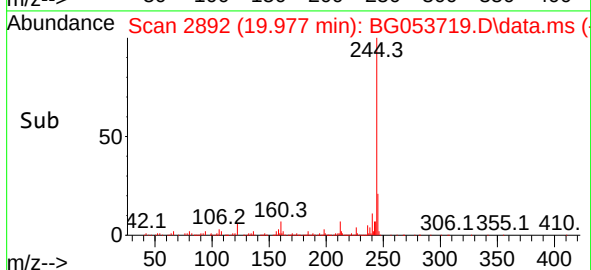
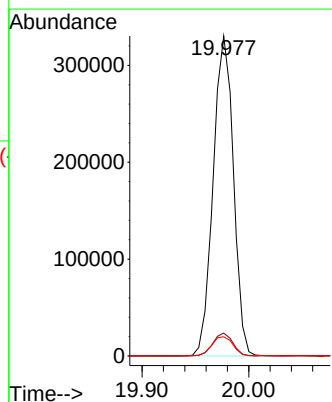
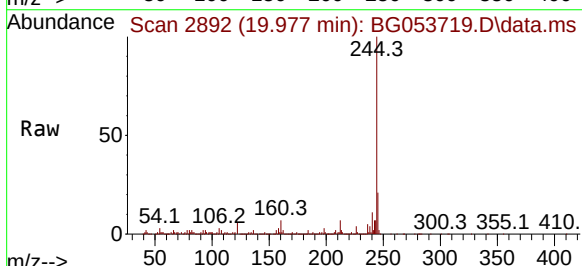
Tgt Ion:244 Resp: 435236

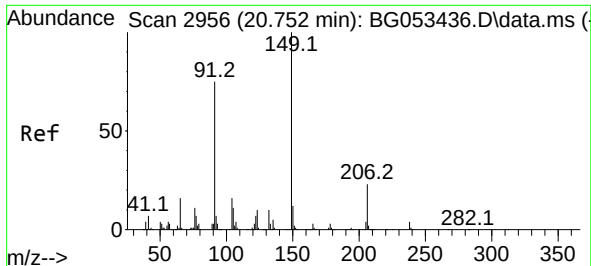
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 6.0 5.0 7.4

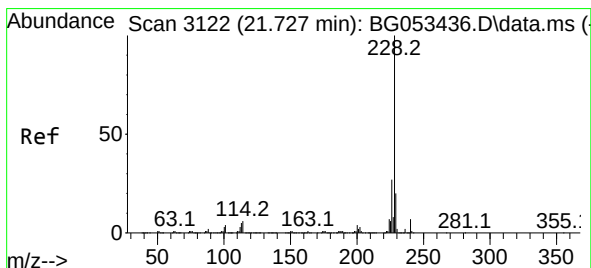
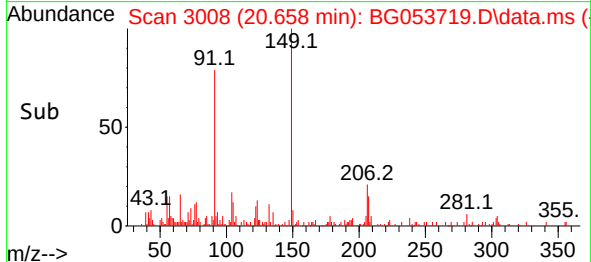
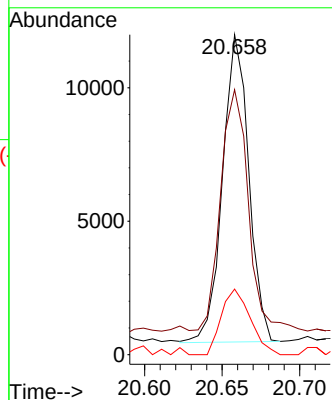
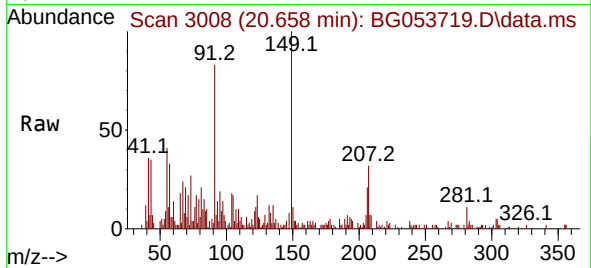




#80
Butylbenzylphthalate
Concen: 3.761 ng
RT: 20.658 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

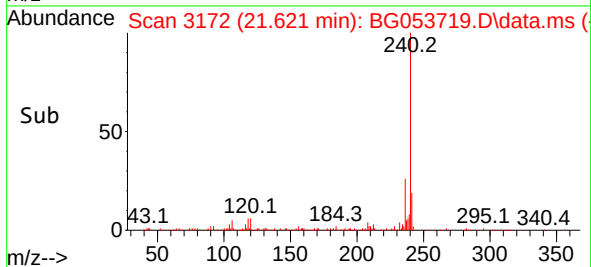
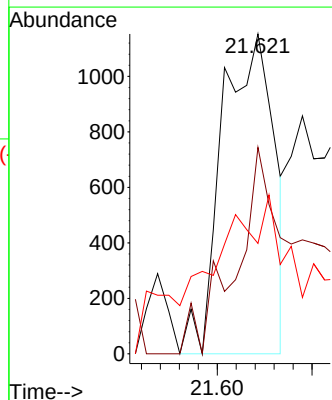
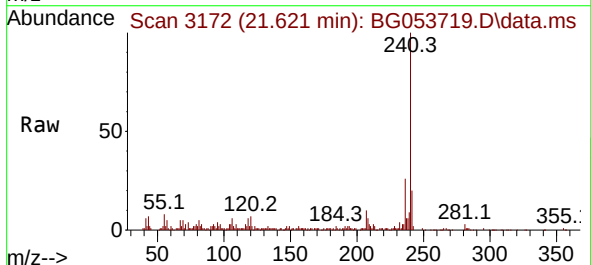
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

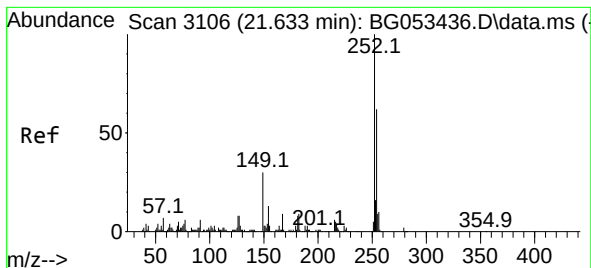
Tgt Ion:149 Resp: 13516
Ion Ratio Lower Upper
149 100
91 82.8 59.6 89.4
206 20.5 18.6 28.0



#81
Benzo(a)anthracene
Concen: 0.228 ng
RT: 21.621 min Scan# 3172
Delta R.T. 0.007 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:228 Resp: 2202
Ion Ratio Lower Upper
228 100
226 64.5 21.6 32.4#
229 34.5 16.2 24.2#





#82

3,3'-Dichlorobenzidine

Concen: 0.022 ng

RT: 21.504 min Scan# 3152

Delta R.T. -0.023 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

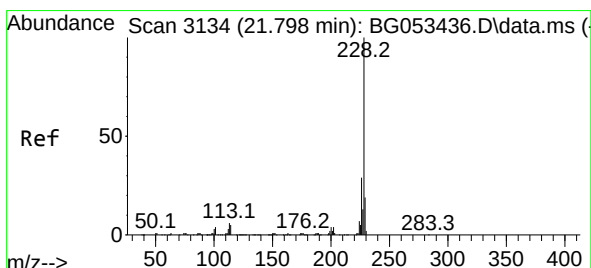
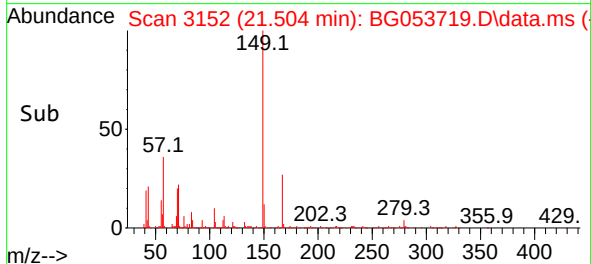
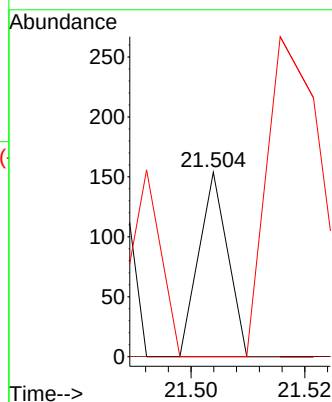
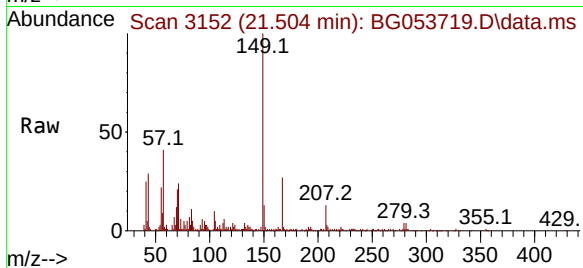
Instrument :

BNA_G

ClientSampleId :

P021-SS007-0006-01

Tgt Ion:252	Resp:	54
Ion Ratio	Lower	Upper
252	100	
254	0.0	49.8 74.8#
126	0.0	6.0 9.0#



#83

Chrysene

Concen: 0.356 ng

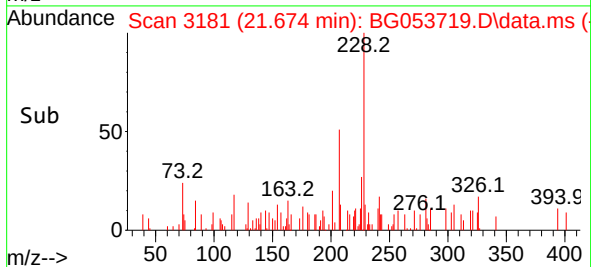
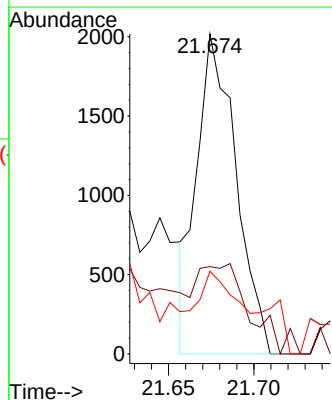
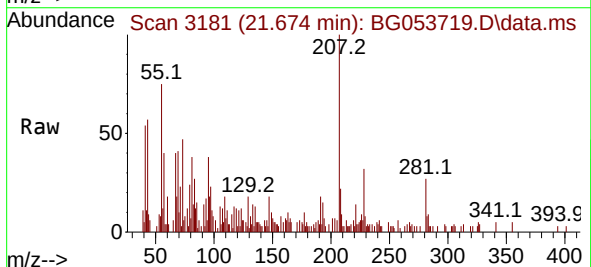
RT: 21.674 min Scan# 3181

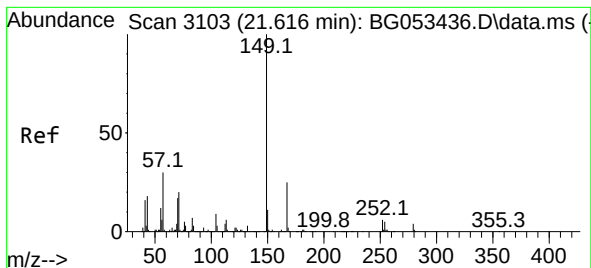
Delta R.T. -0.011 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

Tgt Ion:228	Resp:	3215
Ion Ratio	Lower	Upper
228	100	
226	27.3	23.4 35.2
229	25.8	15.5 23.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.457 ng

RT: 21.510 min Scan# 3103

Delta R.T. 0.001 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0006-01

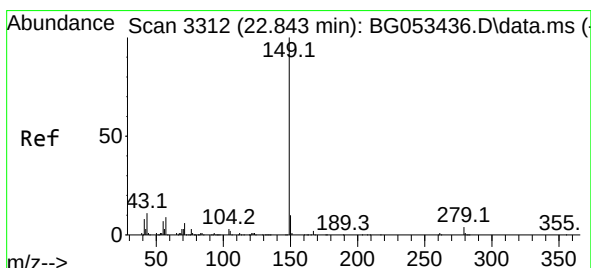
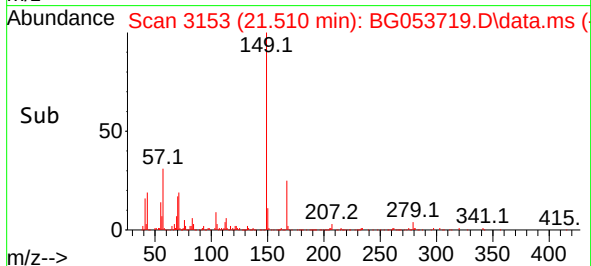
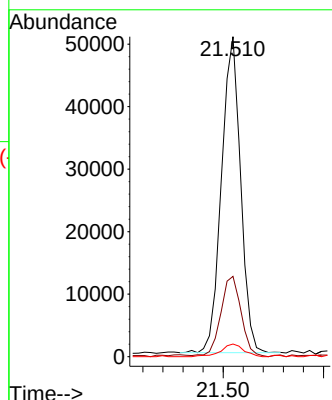
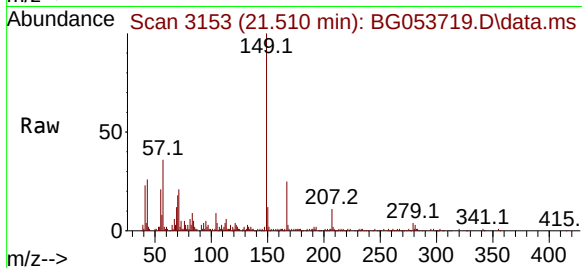
Tgt Ion:149 Resp: 66752

Ion Ratio Lower Upper

149 100

167 25.1 20.2 30.4

279 4.0 3.6 5.4



#85

Di-n-octyl phthalate

Concen: 0.212 ng

RT: 22.708 min Scan# 3357

Delta R.T. 0.001 min

Lab File: BG053719.D

Acq: 26 May 2022 16:24

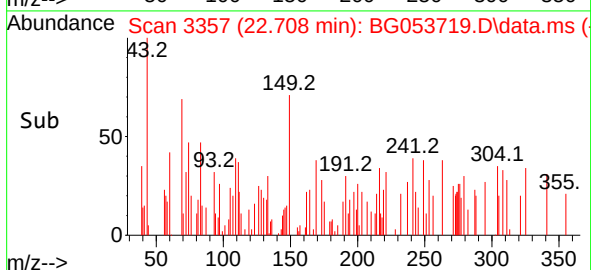
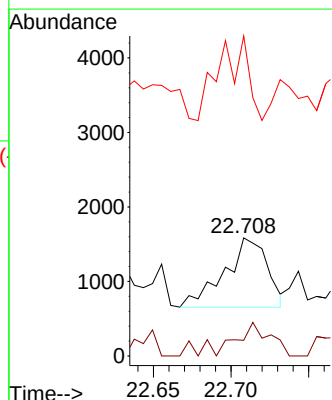
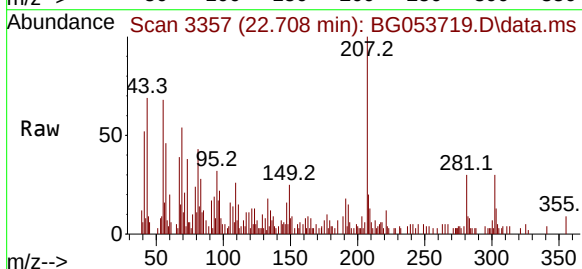
Tgt Ion:149 Resp: 1776

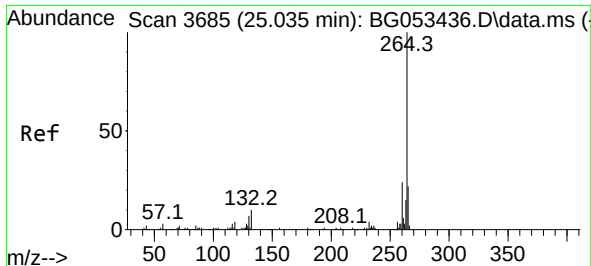
Ion Ratio Lower Upper

149 100

167 40.6 1.3 1.9#

43 83.0 9.0 13.4#

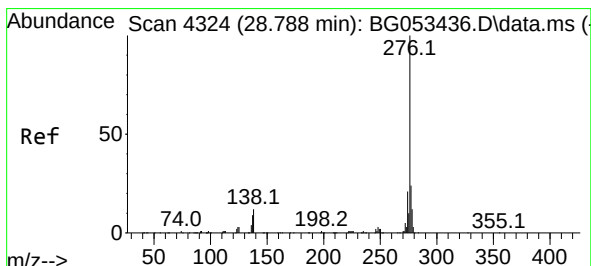
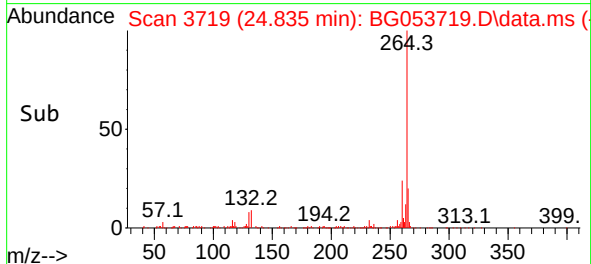
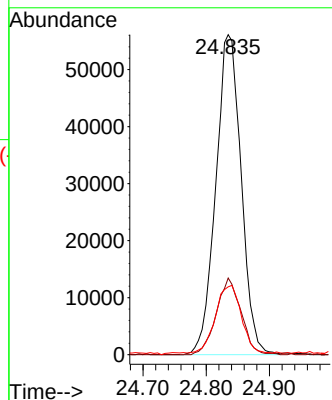
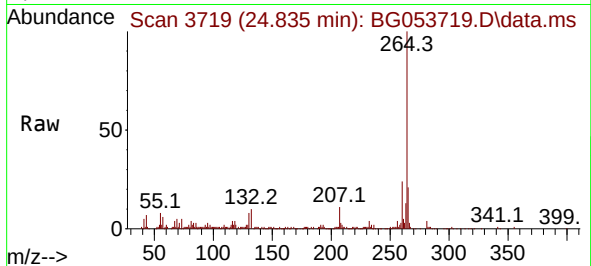




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.835 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

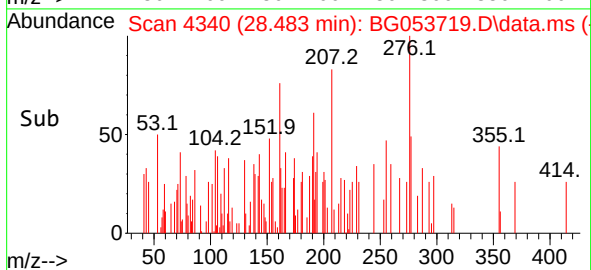
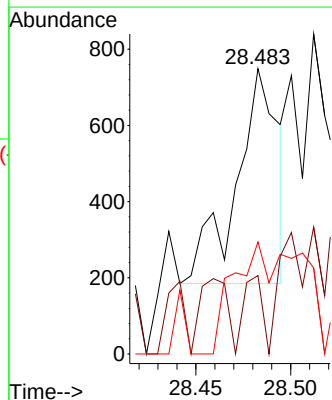
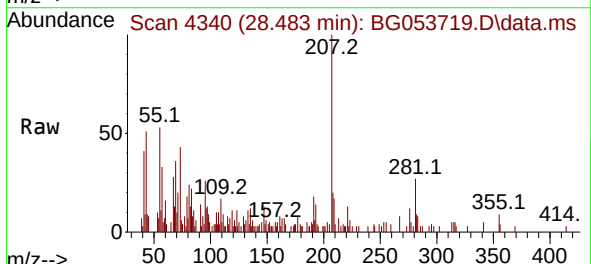
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

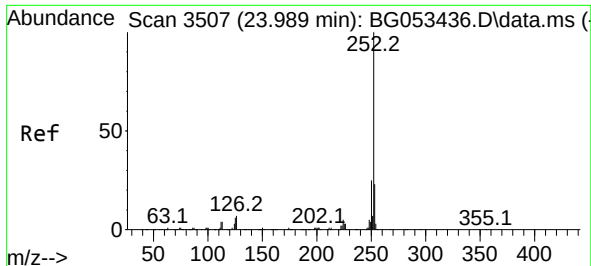
Tgt Ion:264 Resp: 156300
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.2 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng
RT: 28.483 min Scan# 4340
Delta R.T. -0.029 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:276 Resp: 866
Ion Ratio Lower Upper
276 100
138 16.1 5.0 7.4#
277 44.7 20.3 30.5#

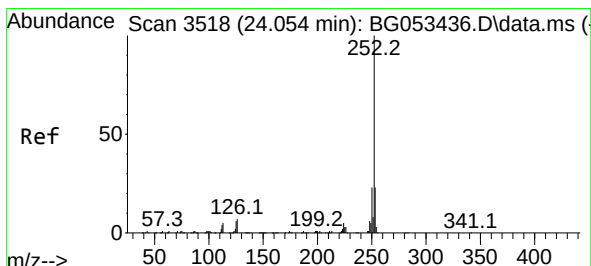
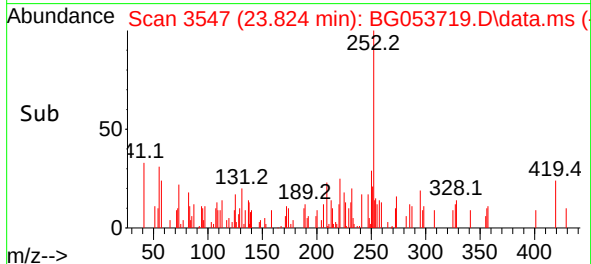
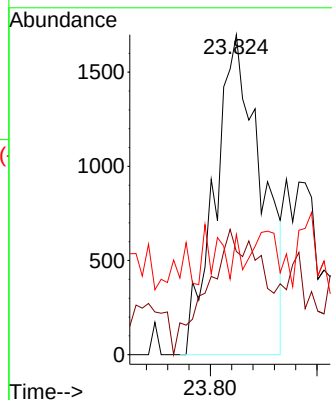
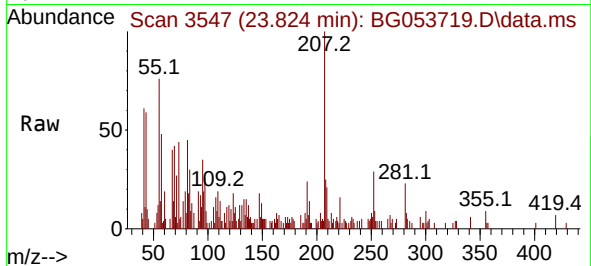




#88
Benzo(b)fluoranthene
Concen: 0.553 ng
RT: 23.824 min Scan# 3547
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

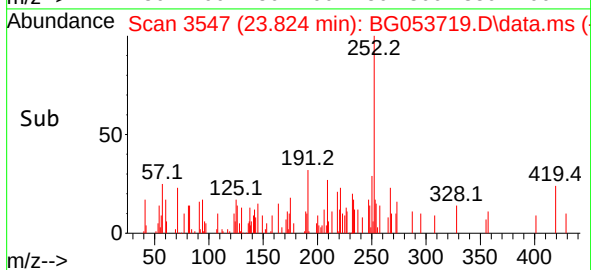
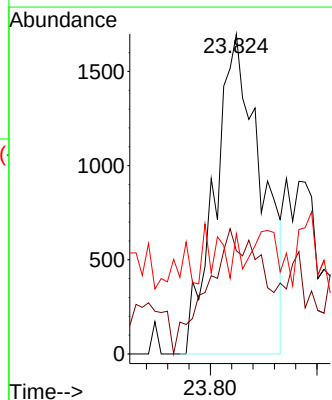
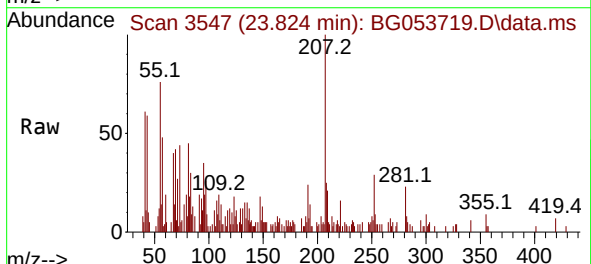
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

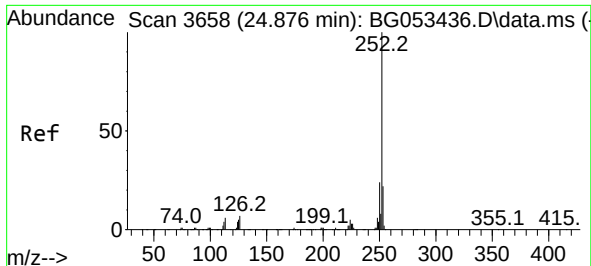
Tgt Ion:252 Resp: 5120
Ion Ratio Lower Upper
252 100
253 32.3 18.0 27.0#
125 37.6 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 0.563 ng
RT: 23.824 min Scan# 3547
Delta R.T. -0.064 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:252 Resp: 5120
Ion Ratio Lower Upper
252 100
253 32.3 18.4 27.6#
125 37.6 4.8 7.2#

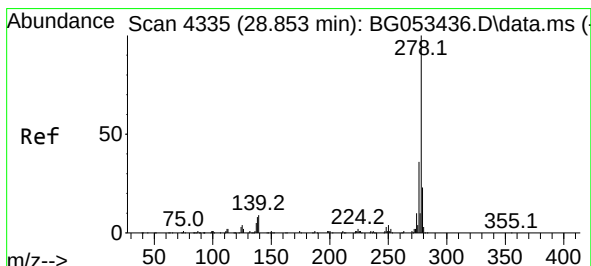
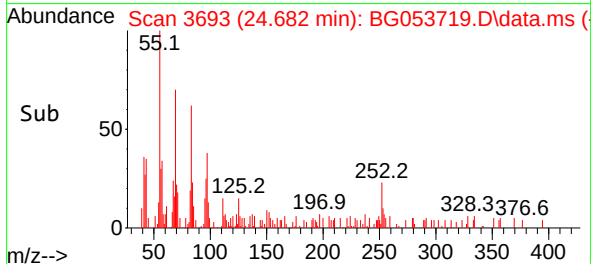
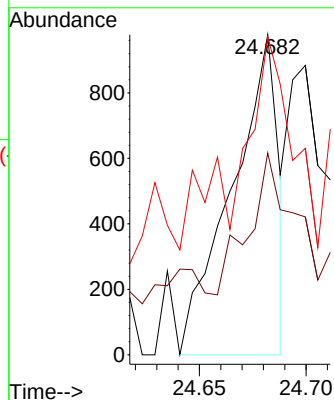
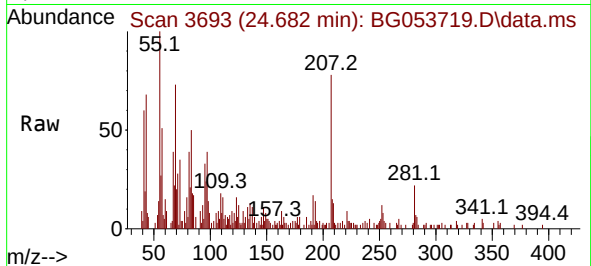




#90
Benzo(a)pyrene
Concen: 0.188 ng
RT: 24.682 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

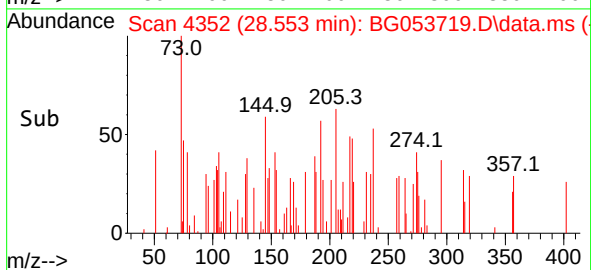
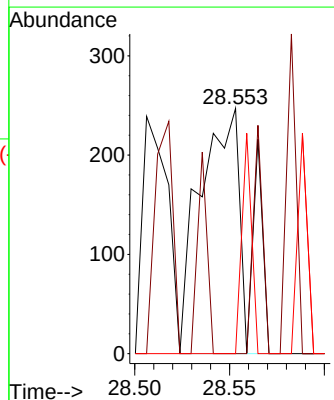
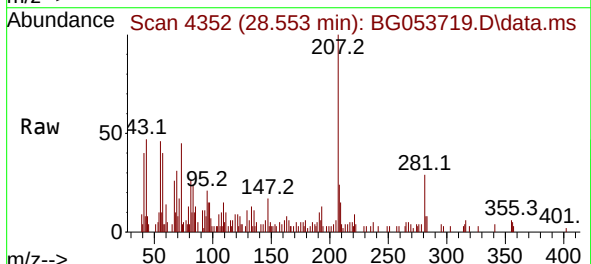
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0006-01

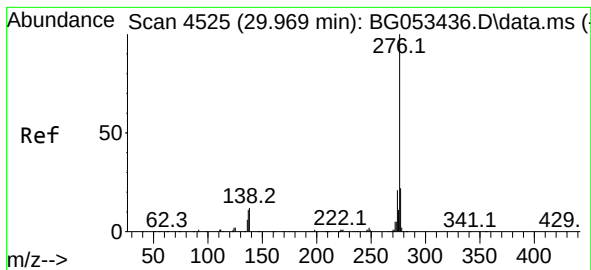
Tgt Ion:252 Resp: 1480
Ion Ratio Lower Upper
252 100
253 63.1 17.8 26.8#
125 99.4 4.3 6.5#



#91
Dibenzo(a,h)anthracene
Concen: 0.048 ng
RT: 28.553 min Scan# 4352
Delta R.T. 0.001 min
Lab File: BG053719.D
Acq: 26 May 2022 16:24

Tgt Ion:278 Resp: 429
Ion Ratio Lower Upper
278 100
139 0.0 7.2 10.8#
279 0.0 18.6 27.8#





#92

Benzo(g,h,i)perylene

Concen: 0.254 ng

RT: 29.652 min Scan# 4

Delta R.T. 0.001 min

Lab File: BG053719.D

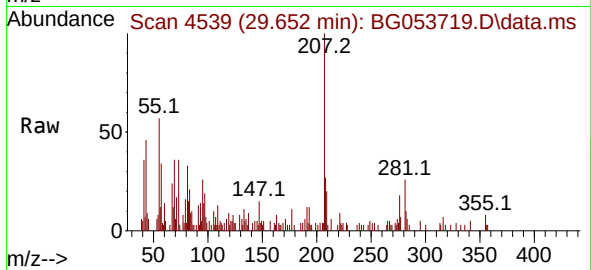
Acq: 26 May 2022 16:24

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0006-01



Tgt Ion:276 Resp: 2261

Ion Ratio Lower Upper

276 100

277 38.9 17.3 25.9#

138 0.0 9.6 14.4#

