

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053838.D
 Acq On : 7 Jun 2022 14:02
 Operator : CG/JU
 Sample : N3201-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11939

Quant Time: Jun 08 02:50:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

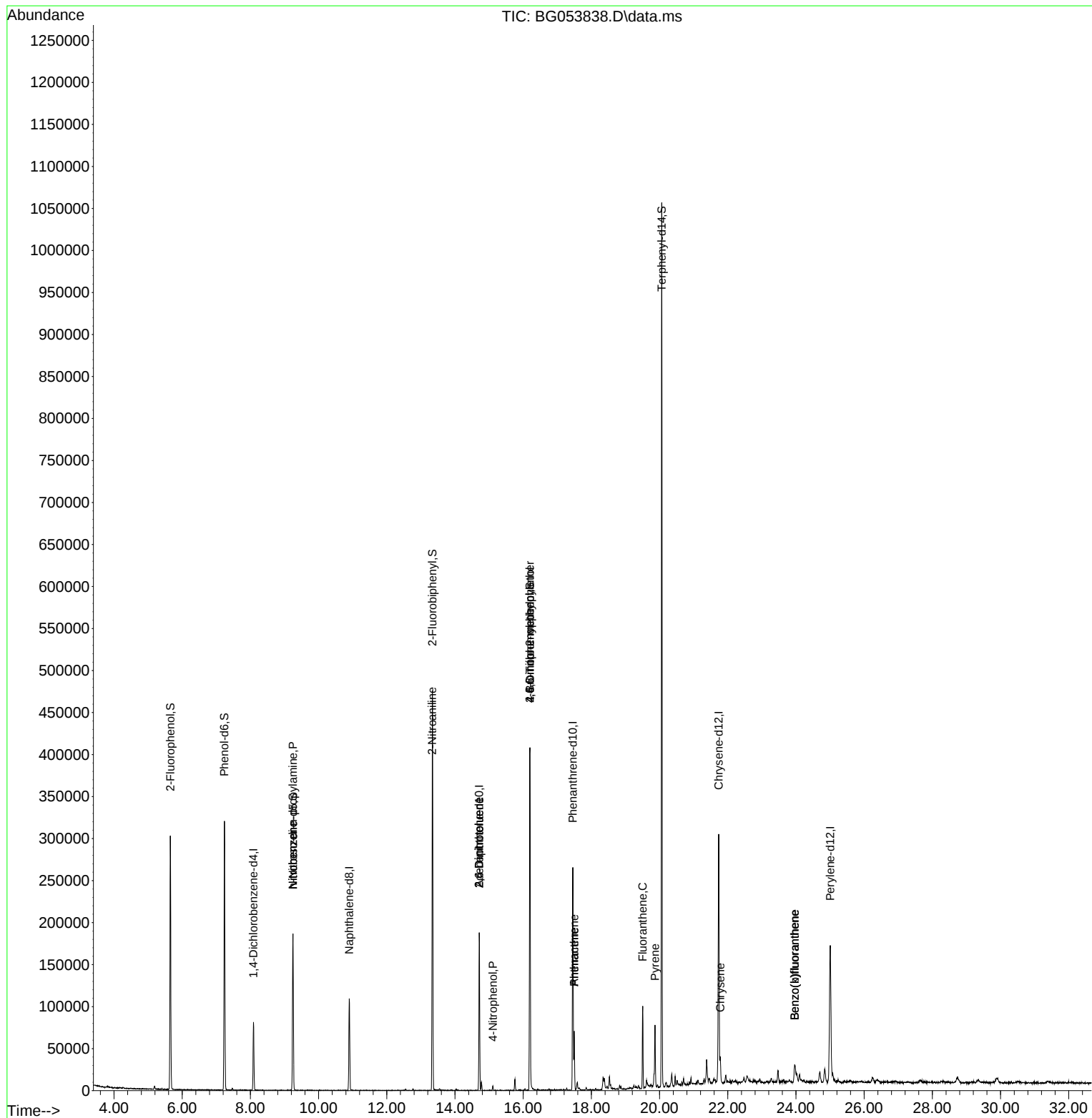
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	24923	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	103108	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	74578	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	189594	20.000	ng	0.00
76) Chrysene-d12	21.732	240	197708	20.000	ng	0.00
86) Perylene-d12	25.004	264	198205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	141890	104.546	ng	0.00
7) Phenol-d6	7.237	99	190496	103.617	ng	0.00
23) Nitrobenzene-d5	9.246	82	120376	76.666	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	99314	109.706	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	277214	55.608	ng	0.00
79) Terphenyl-d14	20.063	244	576711	58.031	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	15801	12.135	ng	# 82
24) Nitrobenzene	9.246	77	314	3.140	ng	# 48
48) 2-Nitroaniline	13.330	65	314	5.308	ng	# 2
51) 2,6-Dinitrotoluene	14.711	165	10139	13.516	ng	# 16
56) 4-Nitrophenol	15.110	139	1706	6.462	ng	# 1
57) 2,4-Dinitrotoluene	14.711	165	10139	11.296	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.197	198	177	5.818	ng	# 1
67) 4-Bromophenyl-phenylether	16.197	248	5865	2.847	ng	# 1
71) Phenanthrene	17.496	178	47691	4.779	ng	97
72) Anthracene	17.496	178	47691	4.883	ng	99
75) Fluoranthene	19.505	202	67361	5.204	ng	97
78) Pyrene	19.863	202	52426	4.170	ng	99
83) Chrysene	21.779	228	25695	2.074	ng	96
88) Benzo(b)fluoranthene	23.964	252	28126	2.286	ng	# 94
89) Benzo(k)fluoranthene	23.964	252	28126	2.312	ng	95

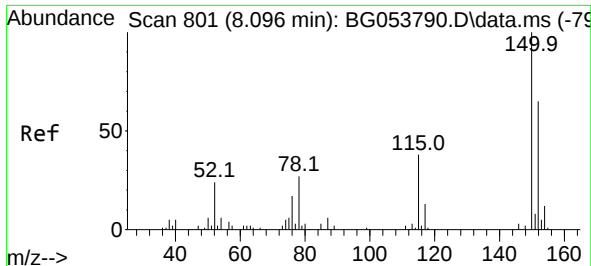
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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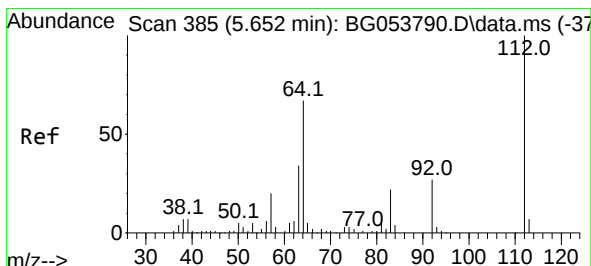
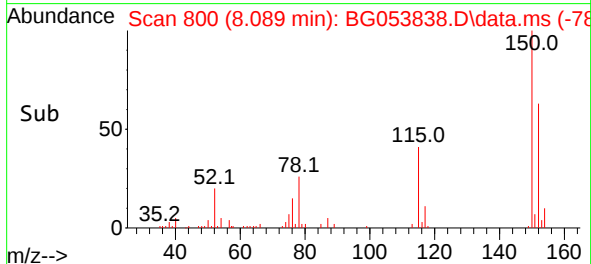
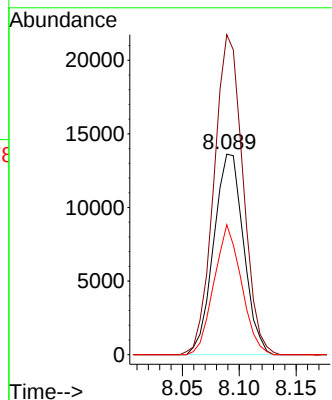
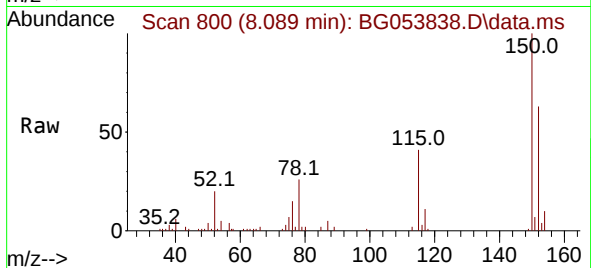




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

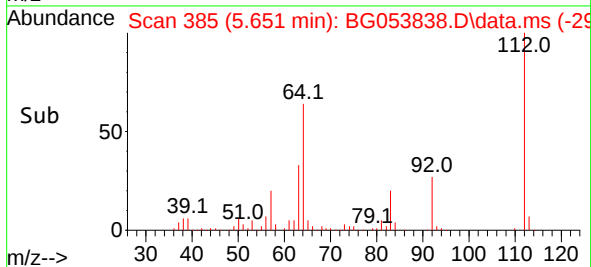
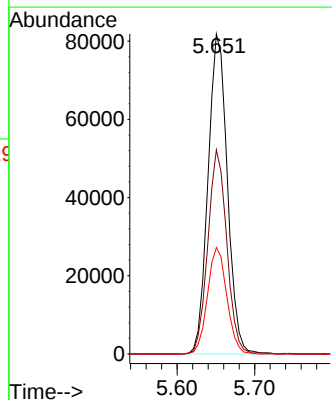
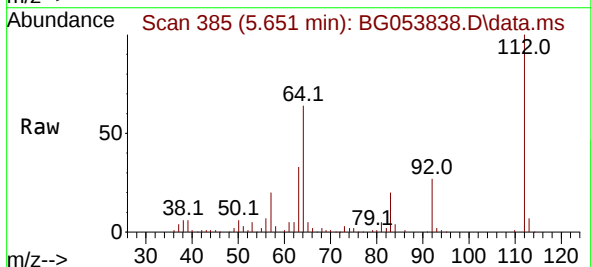
Instrument :
BNA_G
ClientSampleId :
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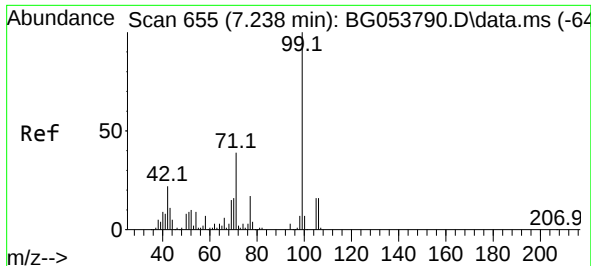
Tgt Ion:152 Resp: 24923
Ion Ratio Lower Upper
152 100
150 159.6 131.6 197.4
115 64.8 50.9 76.3



#5
2-Fluorophenol
Concen: 104.546 ng
RT: 5.651 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion:112 Resp: 141890
Ion Ratio Lower Upper
112 100
64 63.8 55.1 82.7
63 33.2 30.4 45.6

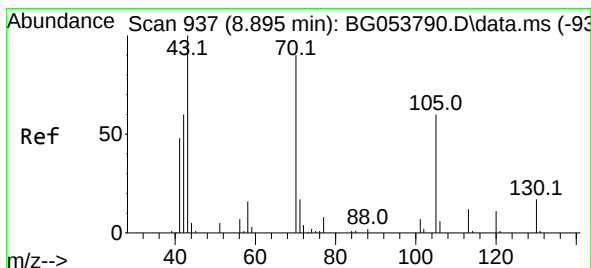
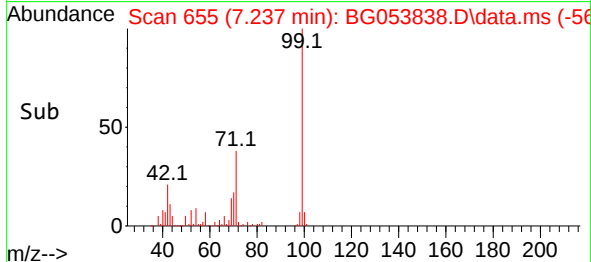
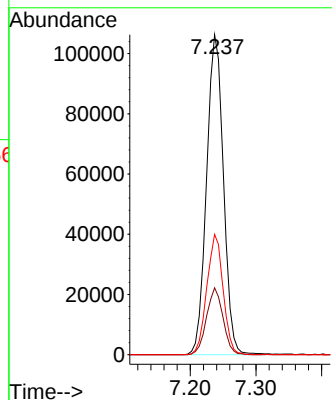
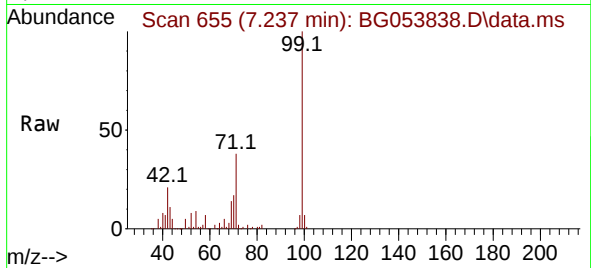




#7
Phenol-d6
Concen: 103.617 ng
RT: 7.237 min Scan# 611
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

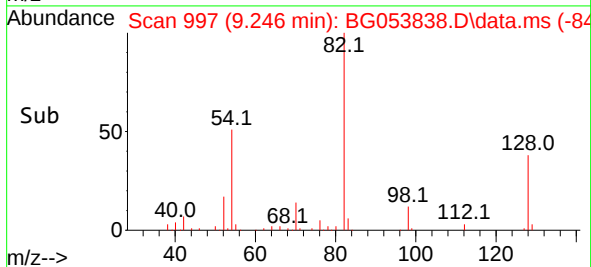
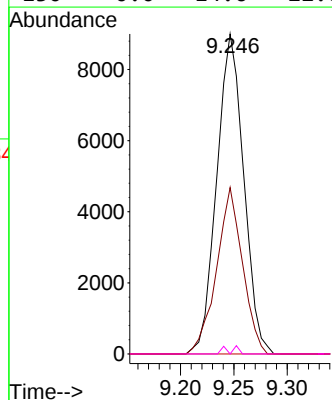
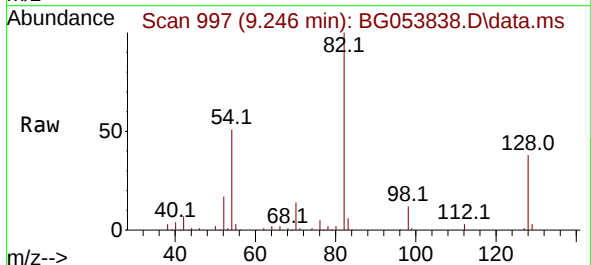
Instrument :
BNA_G
ClientSampleId :
11939

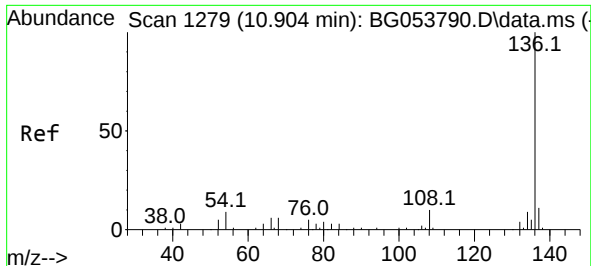
Tgt Ion: 99 Resp: 190496
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 37.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.135 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion: 70 Resp: 15801
Ion Ratio Lower Upper
70 100
42 52.0 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

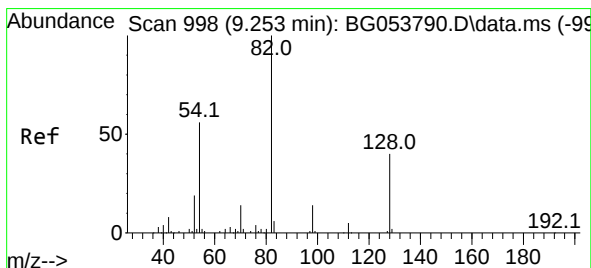
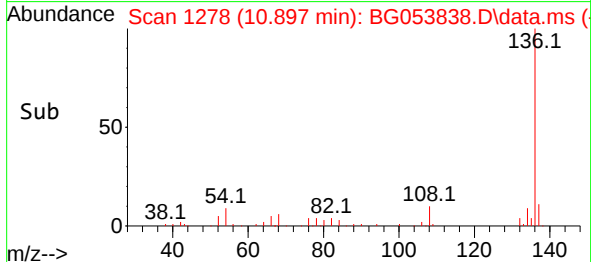
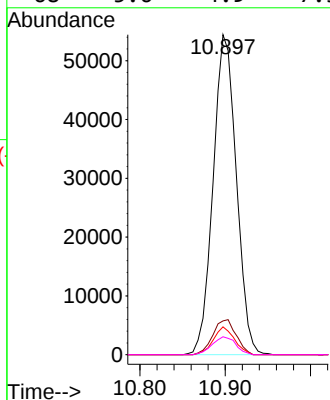
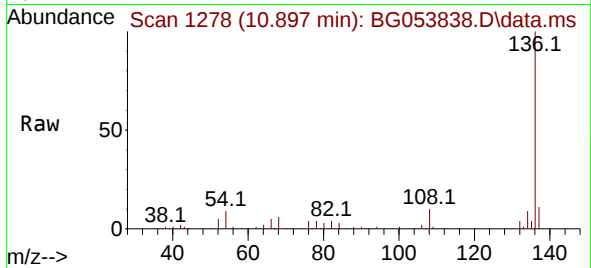




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11939
Delta R.T. -0.007 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

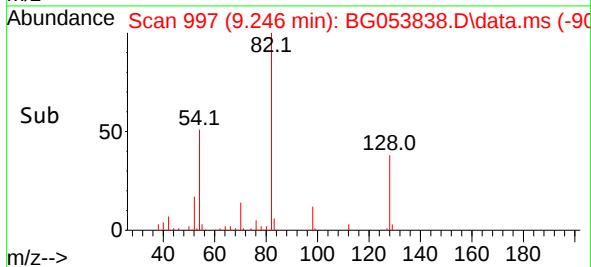
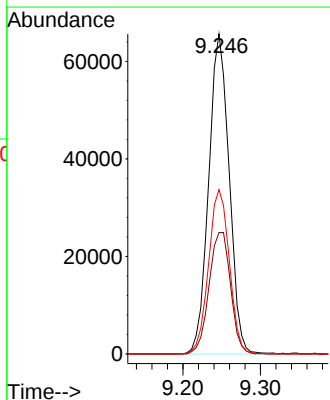
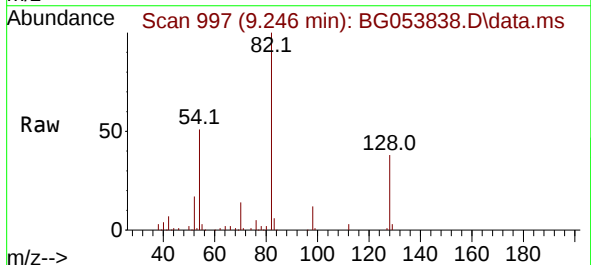
Instrument :
BNA_G
ClientSampleId :
11939

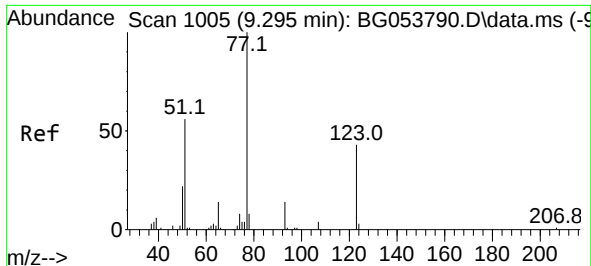
Tgt Ion:	136	Resp:	103108
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	8.7	7.4	11.2
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 76.666 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion:	82	Resp:	120376
Ion Ratio	Lower	Upper	
82	100		
128	38.0	27.9	41.9
54	51.4	41.2	61.8

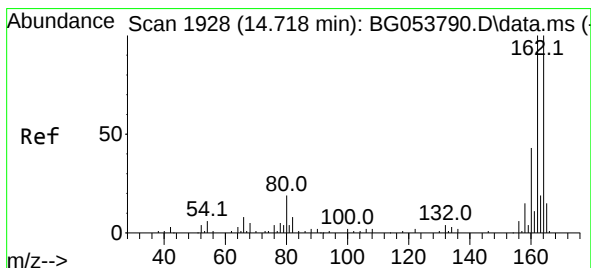
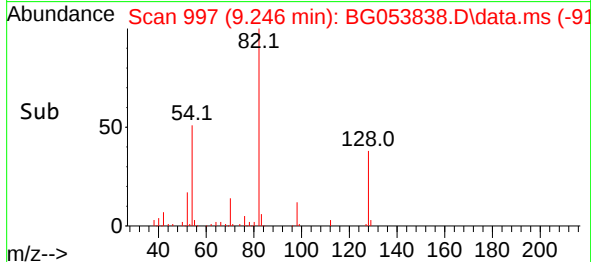
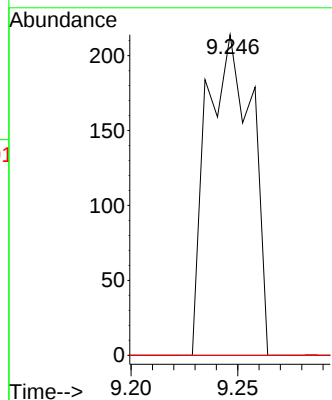
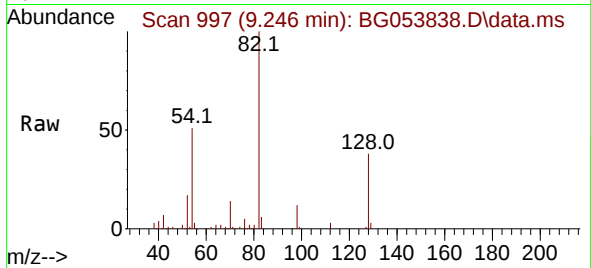




#24
Nitrobenzene
Concen: 3.140 ng
RT: 9.246 min Scan# 91
Delta R.T. -0.049 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

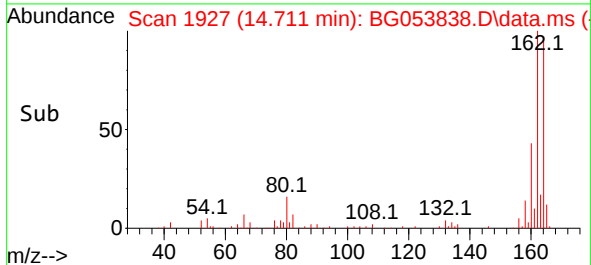
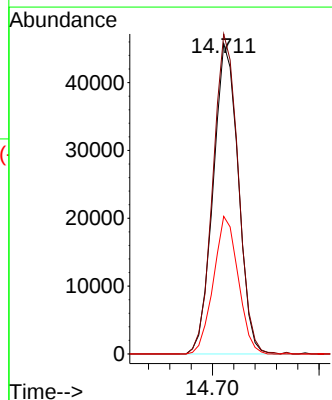
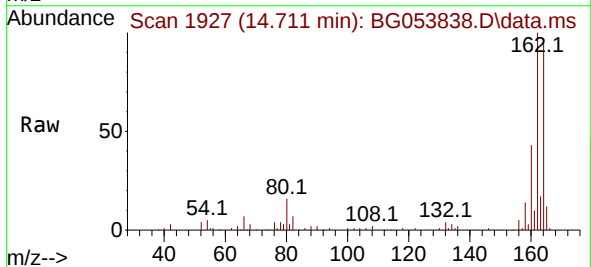
Instrument :
BNA_G
ClientSampleId :
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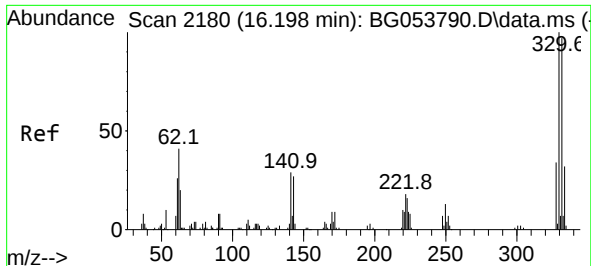
Tgt Ion: 77 Resp: 314
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion:164 Resp: 74578
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 44.3 34.2 51.2

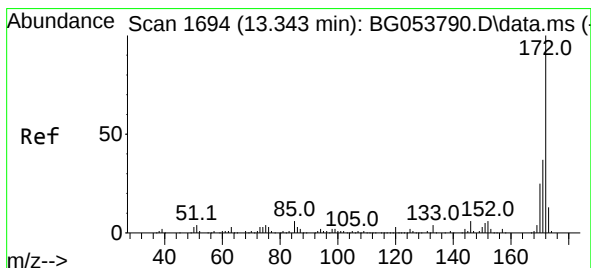
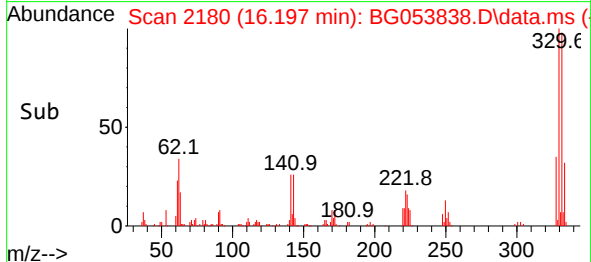
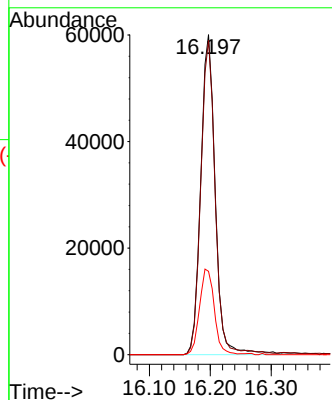
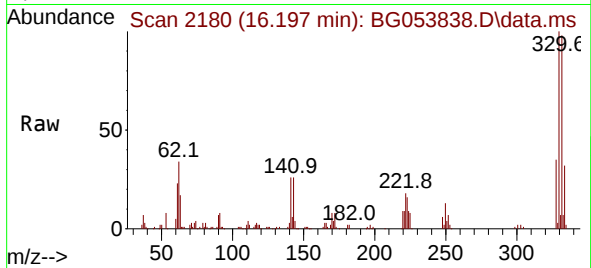




#42
 2,4,6-Tribromophenol
 Concen: 109.706 ng
 RT: 16.197 min Scan# 2180
 Delta R.T. -0.001 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

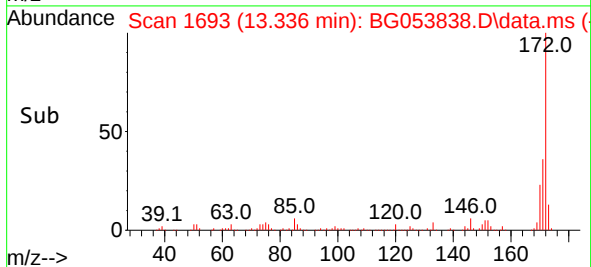
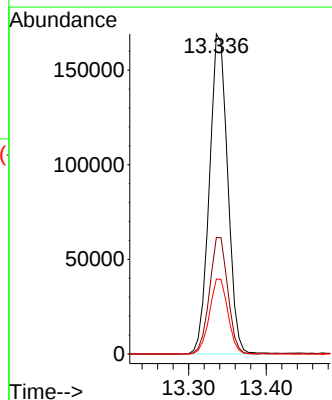
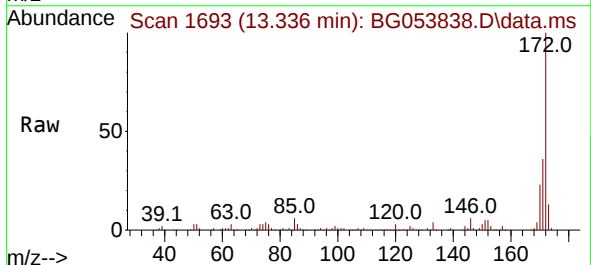
Instrument :
 BNA_G
 ClientSampleId :
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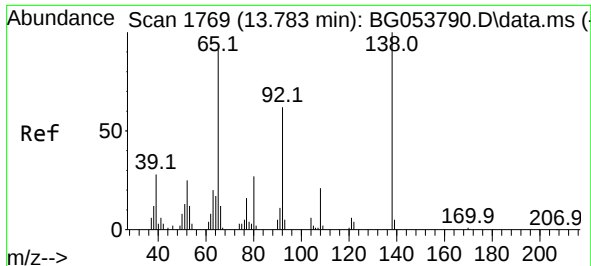
Tgt Ion:330 Resp: 99314
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.0 114.0
 141 27.4 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 55.608 ng
 RT: 13.336 min Scan# 1693
 Delta R.T. -0.007 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

Tgt Ion:172 Resp: 277214
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.4 18.9 28.3

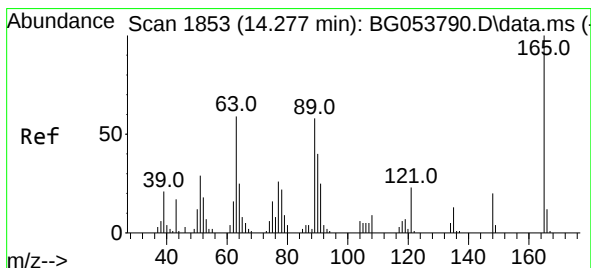
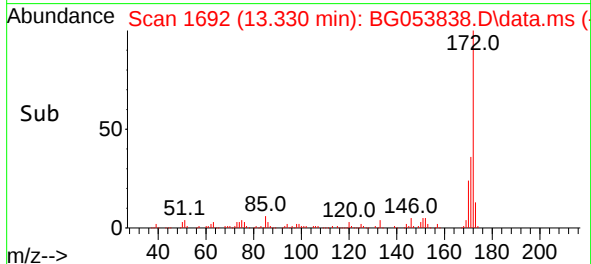
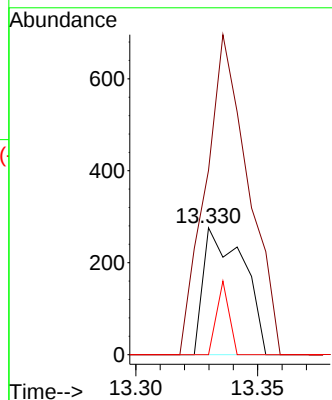
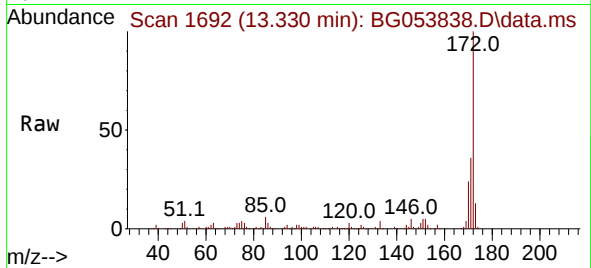




#48
2-Nitroaniline
Concen: 5.308 ng
RT: 13.330 min Scan# 1
Delta R.T. -0.453 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

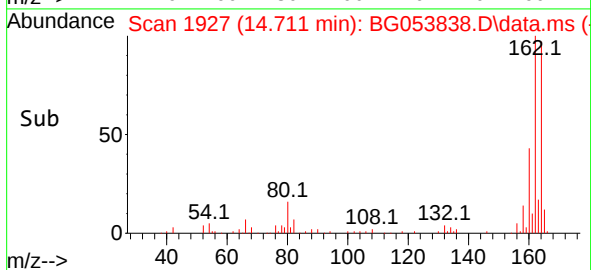
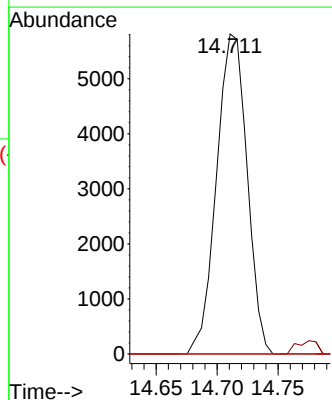
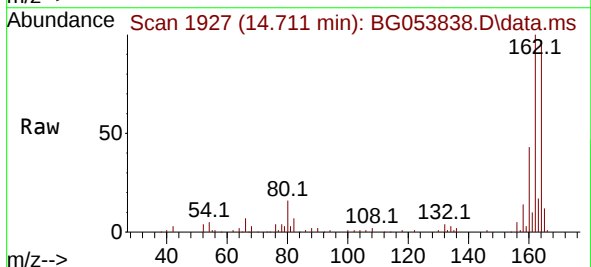
Instrument :
BNA_G
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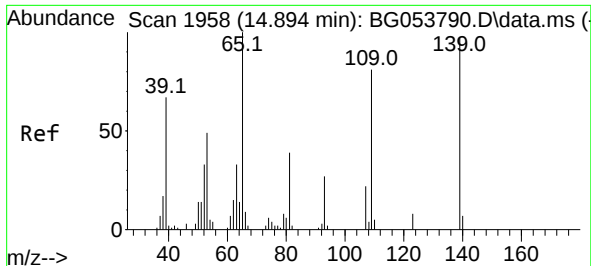
Tgt Ion: 65 Resp: 314
Ion Ratio Lower Upper
65 100
92 145.3 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.516 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion: 165 Resp: 10139
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

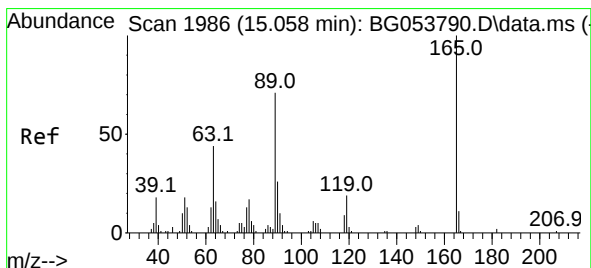
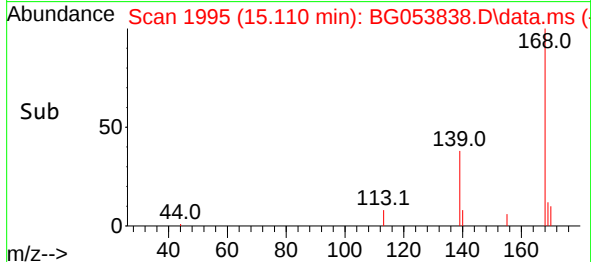
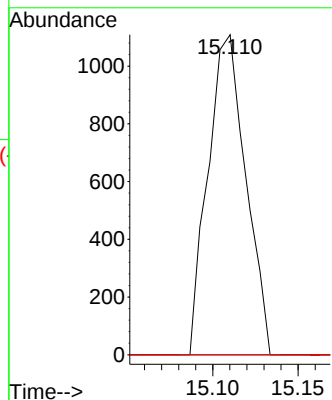
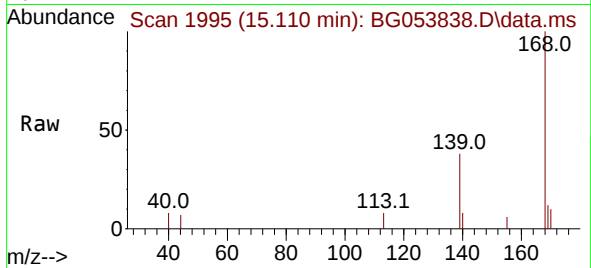




#56
4-Nitrophenol
Concen: 6.462 ng
RT: 15.110 min Scan# 1995
Delta R.T. 0.216 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

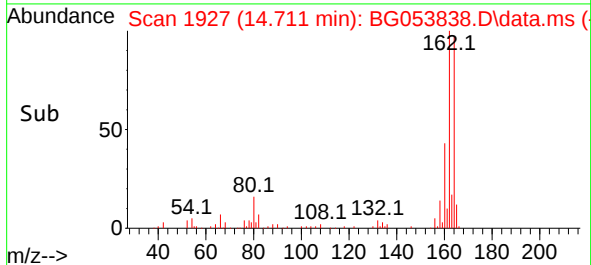
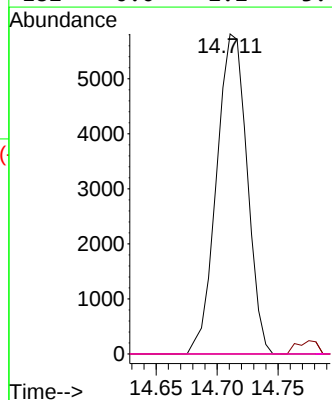
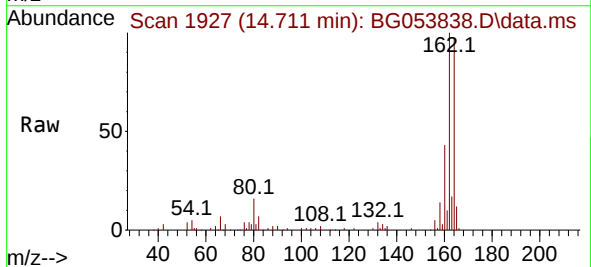
Instrument :
BNA_G
ClientSampleId :
11939

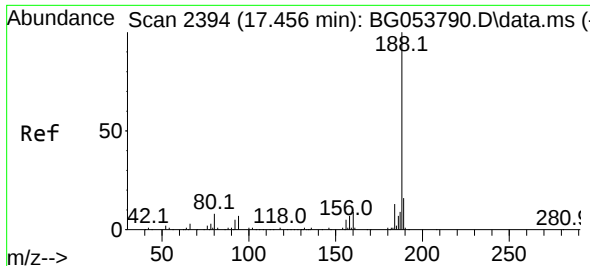
Tgt Ion:139 Resp: 1706
Ion Ratio Lower Upper
139 100
109 0.0 88.5 128.5#
65 0.0 93.9 133.9#



#57
2,4-Dinitrotoluene
Concen: 11.296 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.347 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

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

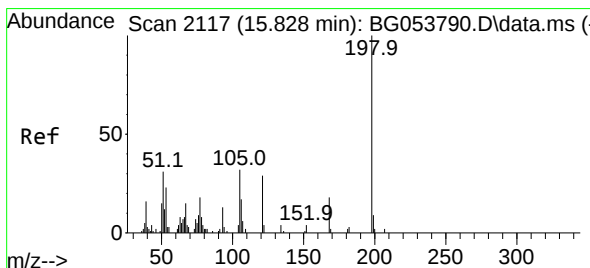
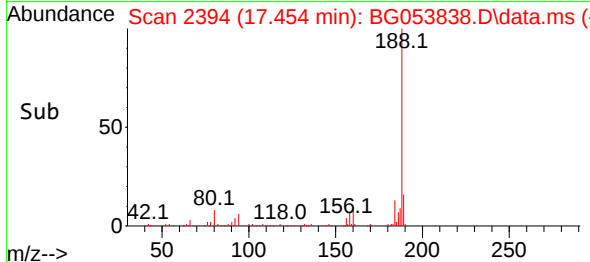
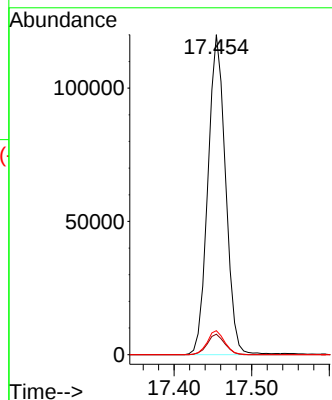
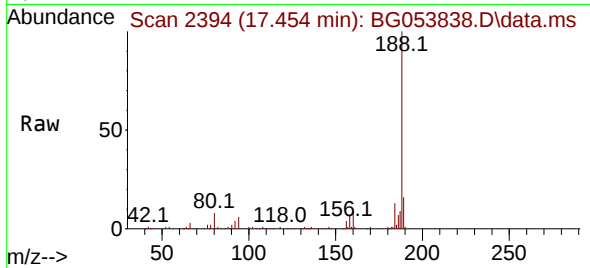




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

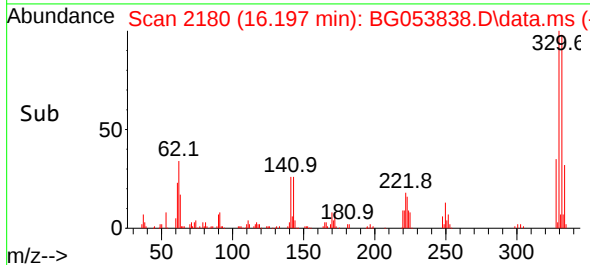
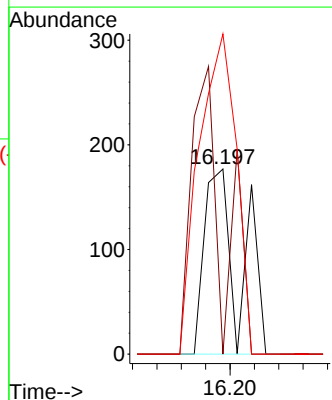
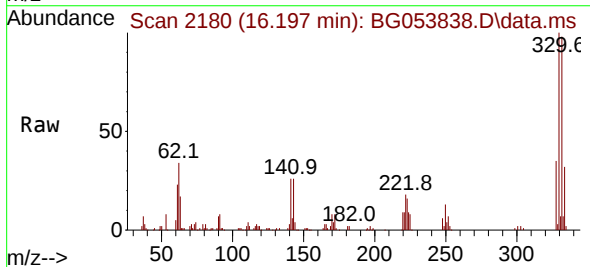
Instrument :
BNA_G
ClientSampleId :
11939

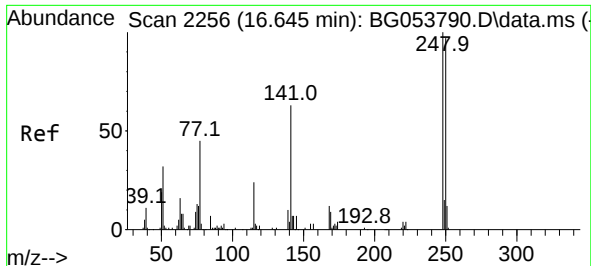
Tgt Ion:188 Resp: 189594
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.5 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.818 ng
RT: 16.197 min Scan# 2180
Delta R.T. 0.369 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion:198 Resp: 177
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 172.9 20.3 60.3#

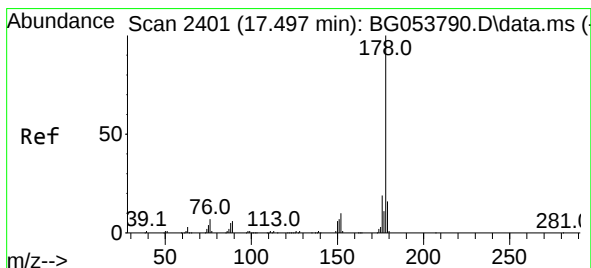
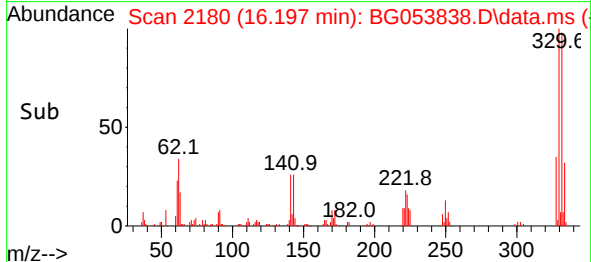
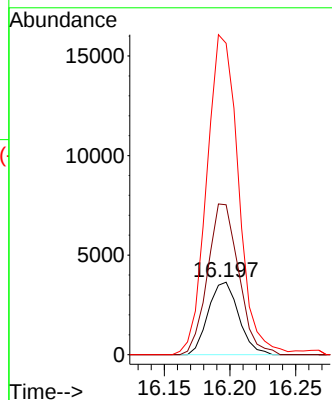
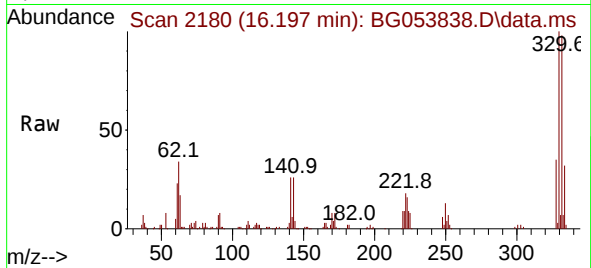




#67
4-Bromophenyl-phenylether
Concen: 2.847 ng
RT: 16.197 min Scan# 211939
Delta R.T. -0.448 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

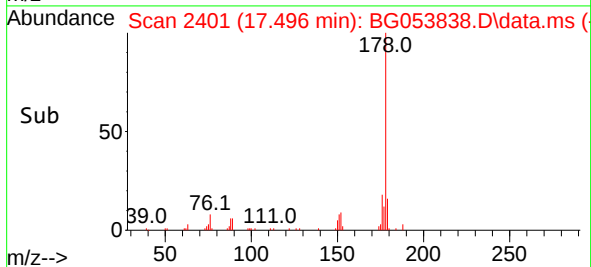
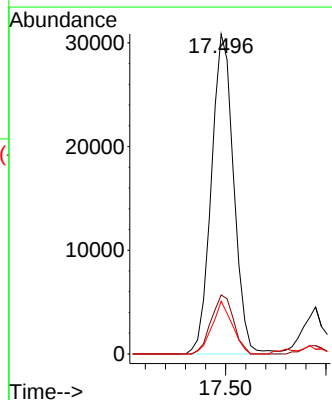
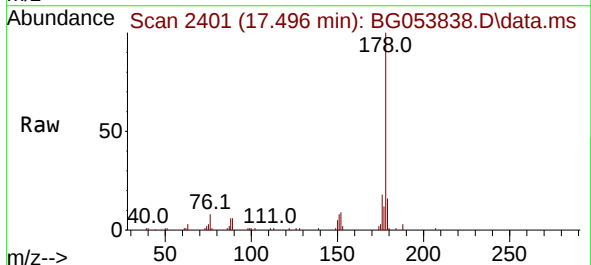
Instrument :
BNA_G
ClientSampleId :
11939

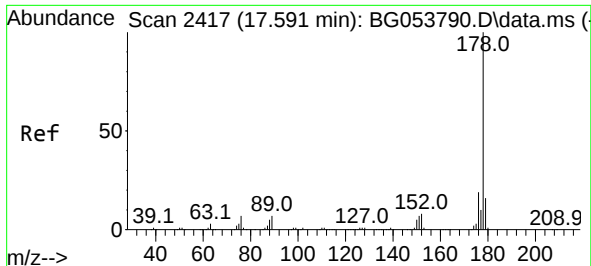
Tgt Ion:248 Resp: 5865
Ion Ratio Lower Upper
248 100
250 270.7 75.2 112.8#
141 429.4 50.0 75.0#



#71
Phenanthrene
Concen: 4.779 ng
RT: 17.496 min Scan# 2401
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

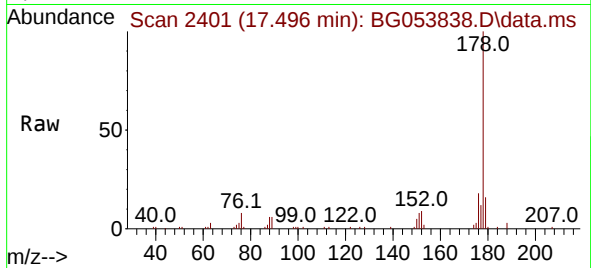
Tgt Ion:178 Resp: 47691
Ion Ratio Lower Upper
178 100
176 18.5 14.1 21.1
179 16.5 12.1 18.1



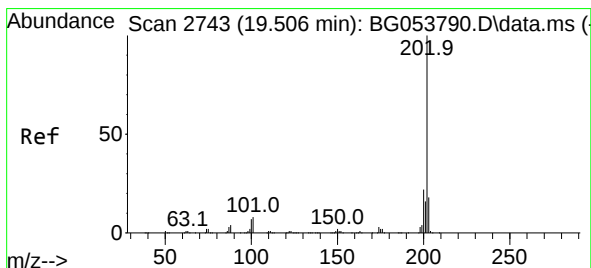
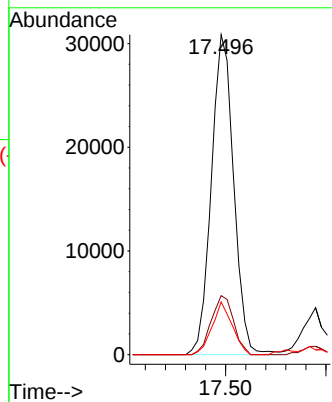
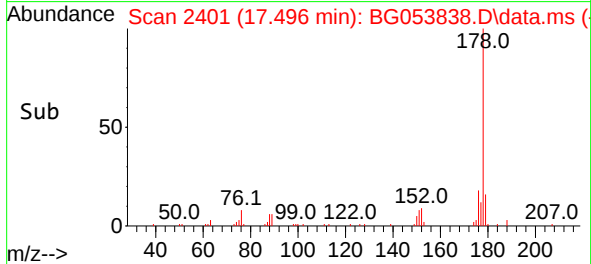


#72
 Anthracene
 Concen: 4.883 ng
 RT: 17.496 min Scan# 2417
 Delta R.T. -0.095 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

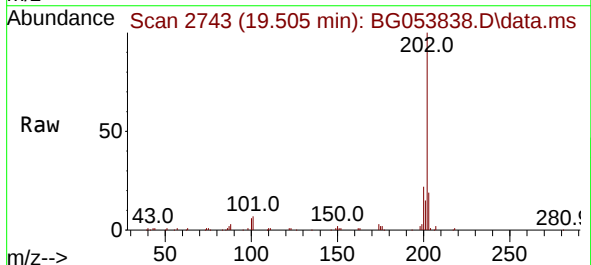
Instrument :
 BNA_G
 ClientSampleId :
 11939



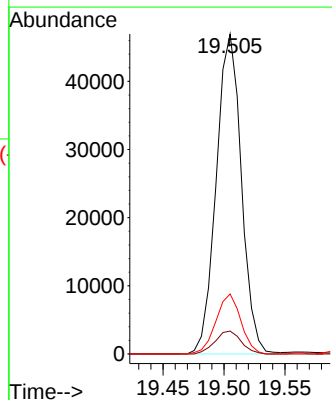
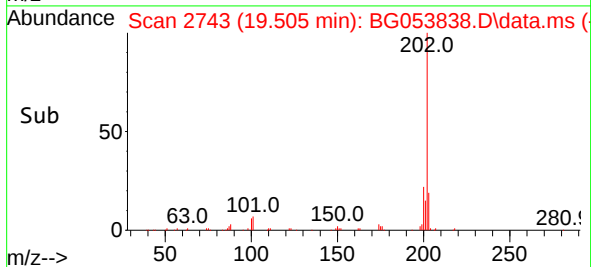
Tgt Ion:178 Resp: 47691
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.2 22.8
 179 16.5 13.0 19.4

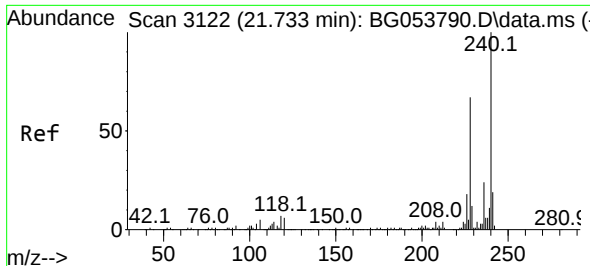


#75
 Fluoranthene
 Concen: 5.204 ng
 RT: 19.505 min Scan# 2743
 Delta R.T. -0.001 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02



Tgt Ion:202 Resp: 67361
 Ion Ratio Lower Upper
 202 100
 101 7.1 0.0 26.9
 203 18.7 0.0 37.2

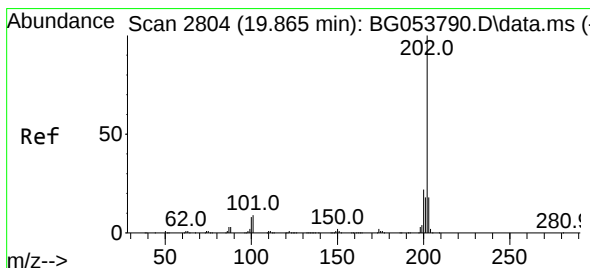
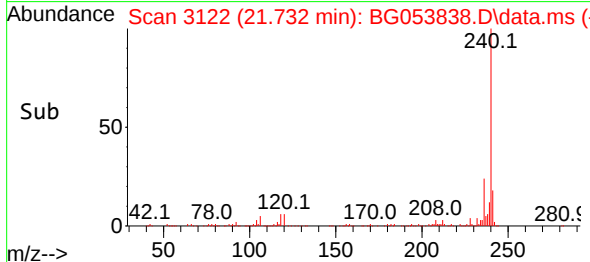
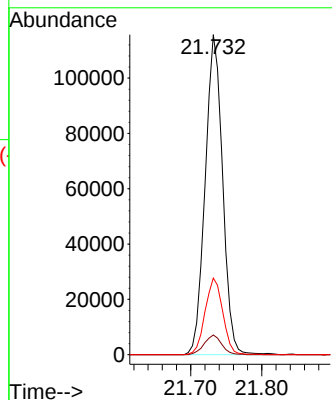
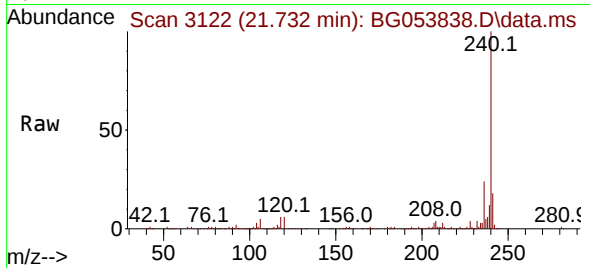




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

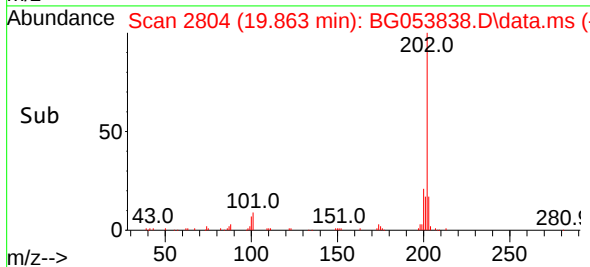
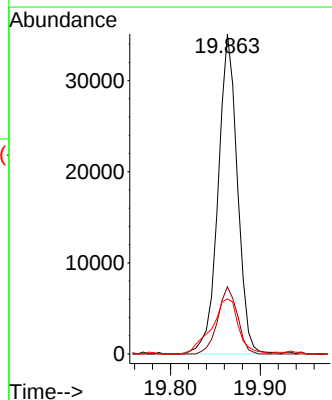
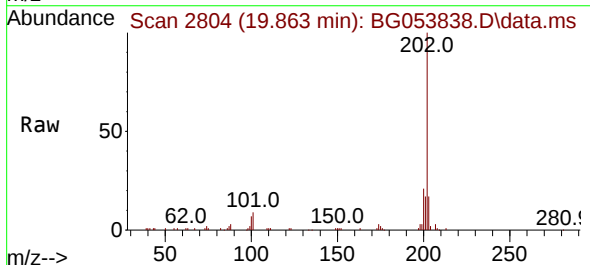
Instrument :
BNA_G
ClientSampleId :
11939

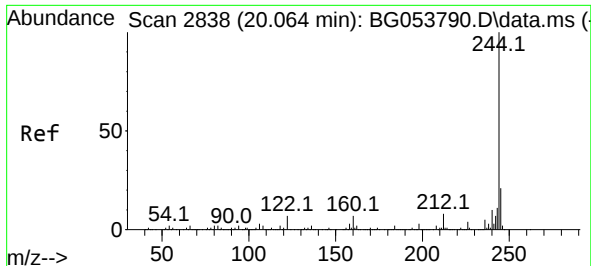
Tgt Ion:240 Resp: 197708
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 24.0 20.2 30.4



#78
Pyrene
Concen: 4.170 ng
RT: 19.863 min Scan# 2804
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion:202 Resp: 52426
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 17.2 14.6 21.8

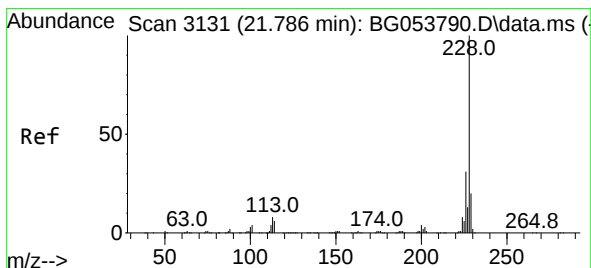
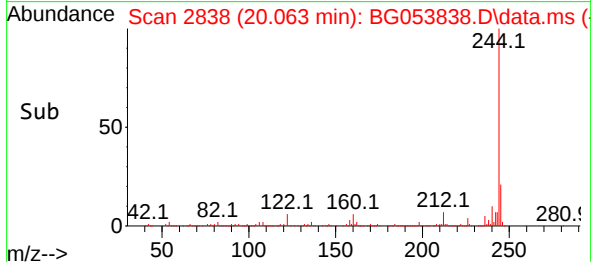
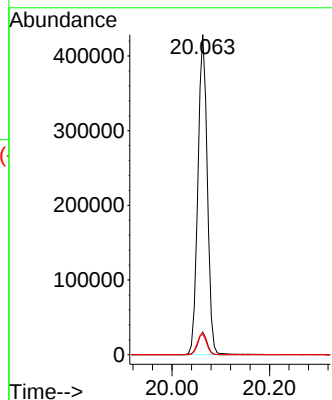
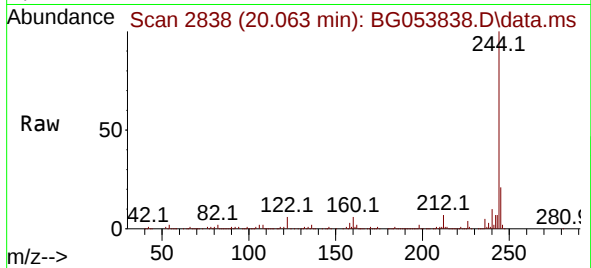




#79
 Terphenyl-d14
 Concen: 58.031 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

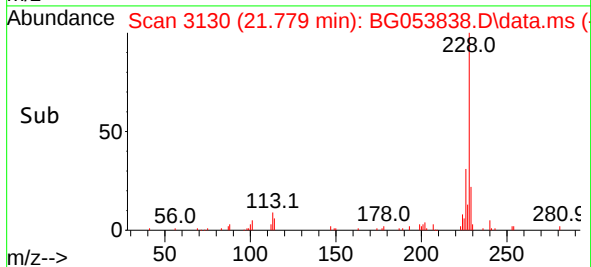
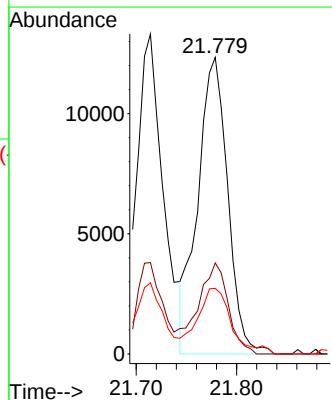
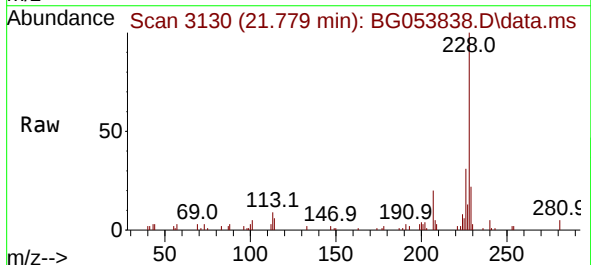
Instrument :
 BNA_G
 ClientSampleId :
 11939

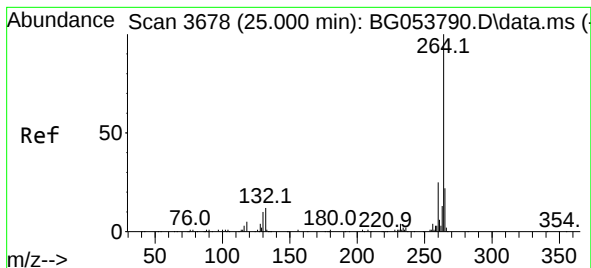
Tgt Ion:244 Resp: 576711
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.4 5.0 7.4



#83
 Chrysene
 Concen: 2.074 ng
 RT: 21.779 min Scan# 3130
 Delta R.T. -0.007 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

Tgt Ion:228 Resp: 25695
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.4 35.2
 229 22.1 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG053838.D

Acq: 7 Jun 2022 14:02

Instrument :

BNA_G

ClientSampleId :

11939

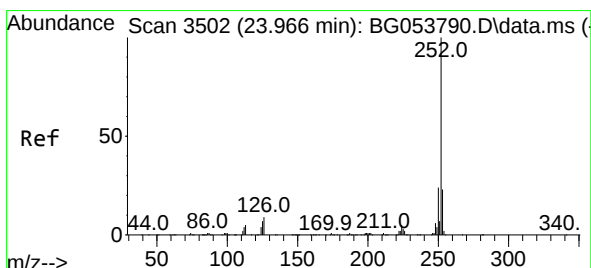
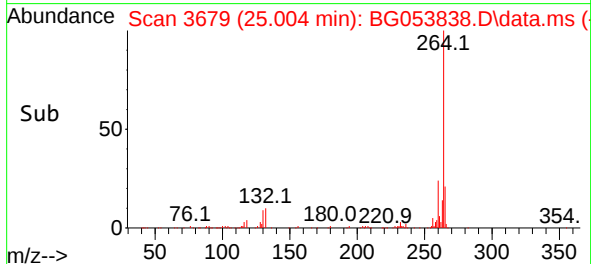
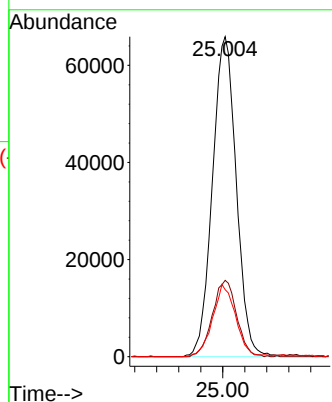
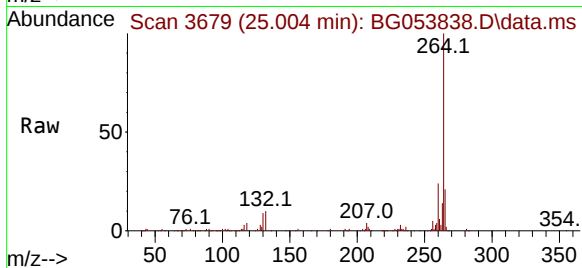
Tgt Ion:264 Resp: 198205

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.0 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.286 ng

RT: 23.964 min Scan# 3502

Delta R.T. -0.001 min

Lab File: BG053838.D

Acq: 7 Jun 2022 14:02

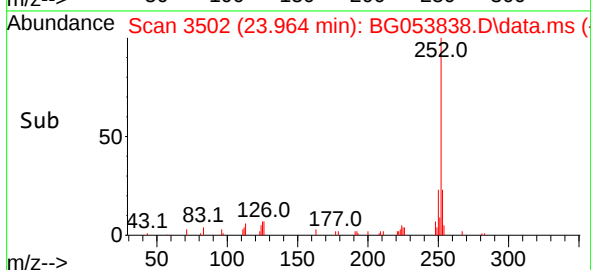
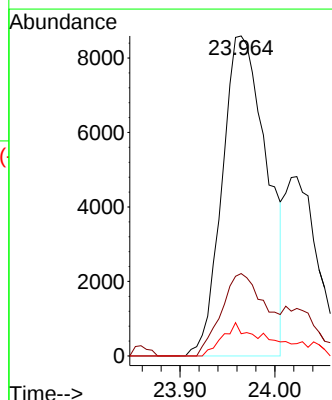
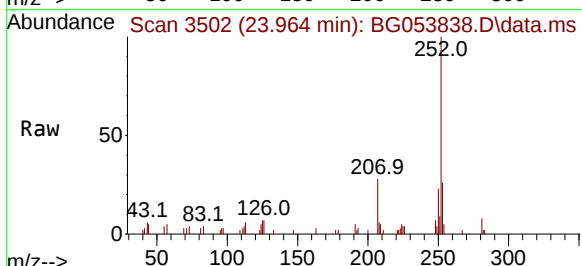
Tgt Ion:252 Resp: 28126

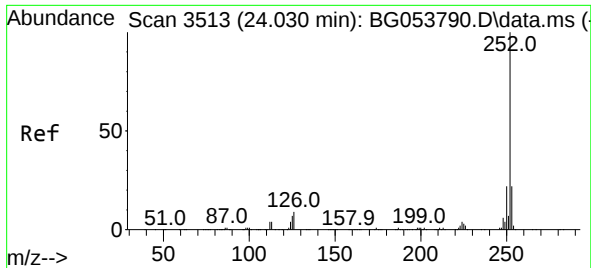
Ion Ratio Lower Upper

252 100

253 25.7 18.0 27.0

125 7.0 4.6 6.8#





#89

Benzo(k)fluoranthene

Concen: 2.312 ng

RT: 23.964 min Scan# 3

Delta R.T. -0.066 min

Lab File: BG053838.D

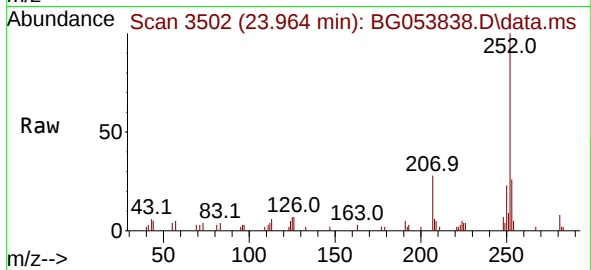
Acq: 7 Jun 2022 14:02

Instrument :

BNA_G

ClientSampleId :

11939



Tgt Ion:252 Resp: 28126

Ion Ratio Lower Upper

252 100

253 25.7 18.4 27.6

125 7.0 4.8 7.2

