

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053859.D
 Acq On : 9 Jun 2022 13:59
 Operator : CG/JU
 Sample : N3209-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-4-GR

Quant Time: Jun 09 14:42:14 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)

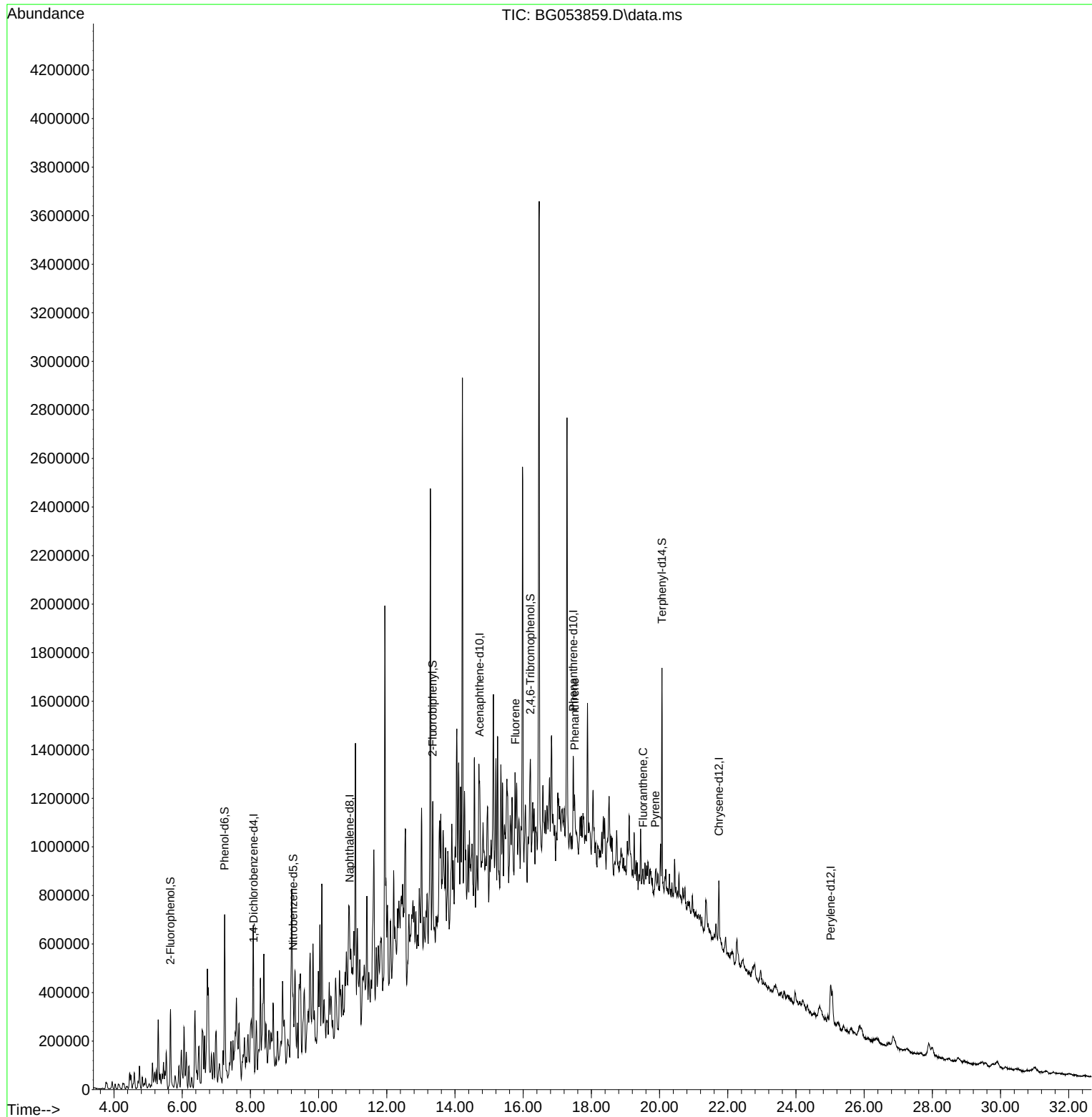
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	26200	20.000	ng	0.00
21) Naphthalene-d8	10.909	136	99968	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	67248	20.000	ng	0.00
64) Phenanthrene-d10	17.466	188	152258	20.000	ng	# 0.01
76) Chrysene-d12	21.738	240	176389	20.000	ng	# 0.00
86) Perylene-d12	25.016	264	187739	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	133774	93.762	ng	0.00
7) Phenol-d6	7.243	99	169013	87.451	ng	0.00
23) Nitrobenzene-d5	9.252	82	117492	77.180	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	88934	108.948	ng	0.01
45) 2-Fluorobiphenyl	13.347	172	276324	61.471	ng	0.00
79) Terphenyl-d14	20.069	244	497710	56.134	ng	0.00
Target Compounds						
						Qvalue
58) Fluorene	15.768	166	43972	8.766	ng	# 68
71) Phenanthrene	17.507	178	102172	12.749	ng	# 87
75) Fluoranthene	19.517	202	33183	3.192	ng	75
78) Pyrene	19.875	202	42880	3.823	ng	# 84

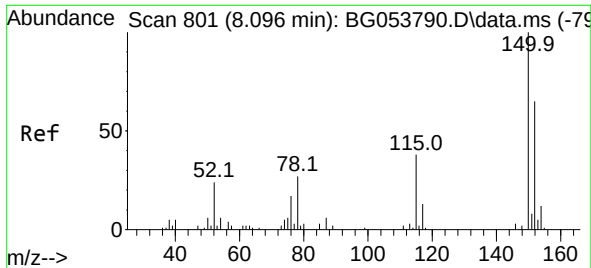
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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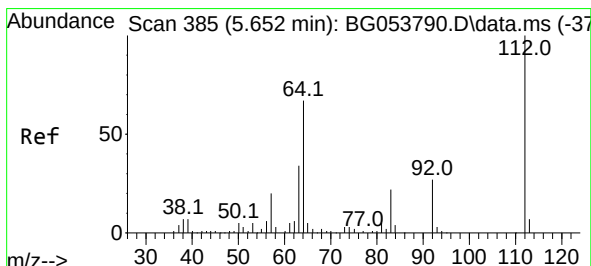
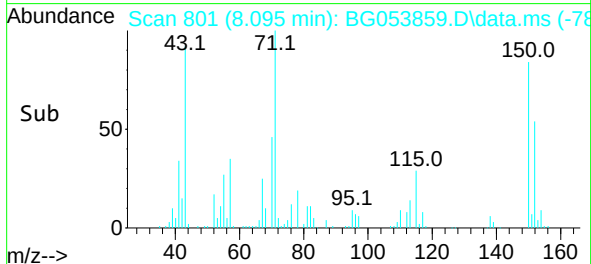
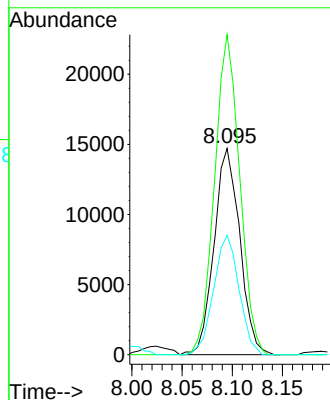
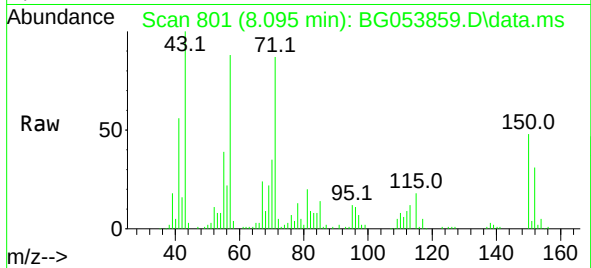




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.001 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

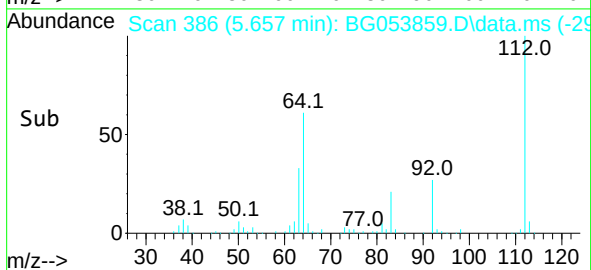
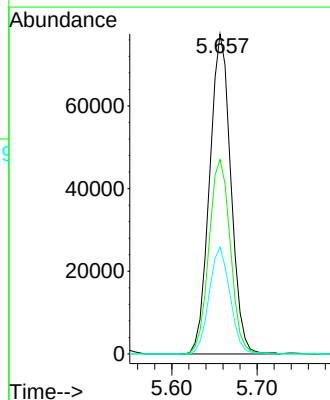
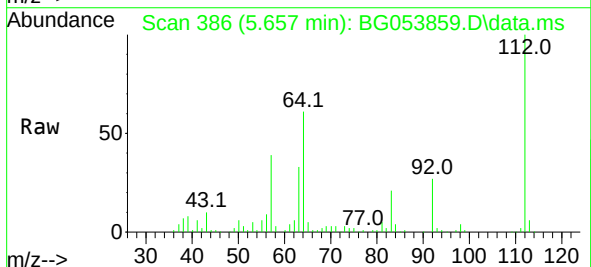
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

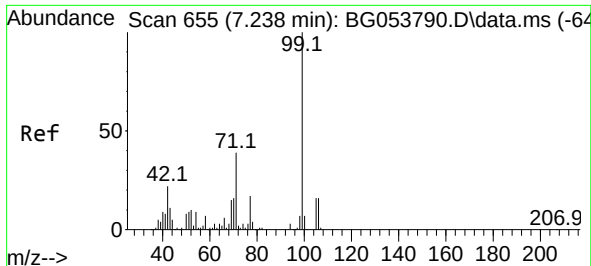
Tgt Ion:152 Resp: 26200
Ion Ratio Lower Upper
152 100
150 155.1 131.6 197.4
115 57.8 50.9 76.3



#5
2-Fluorophenol
Concen: 93.762 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

Tgt Ion:112 Resp: 133774
Ion Ratio Lower Upper
112 100
64 60.8 55.1 82.7
63 33.4 30.4 45.6

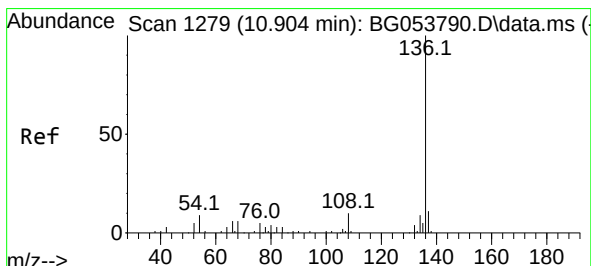
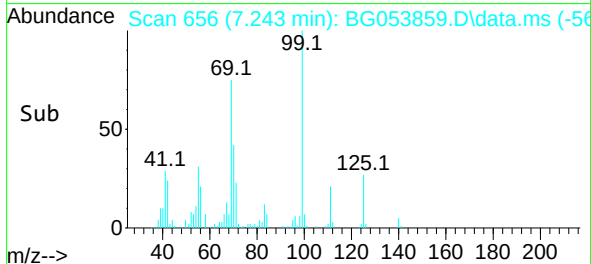
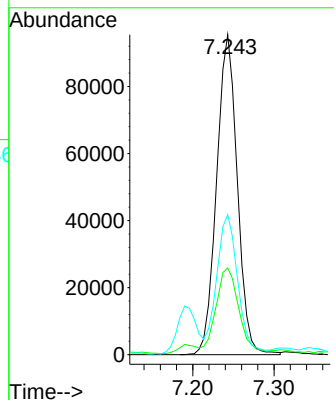
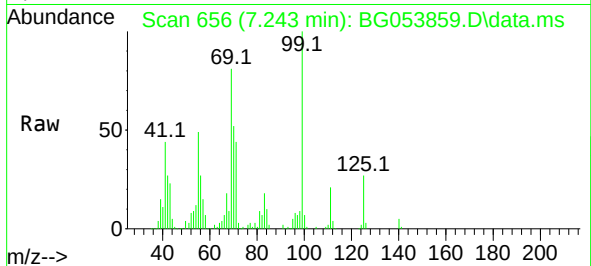




#7
Phenol-d6
Concen: 87.451 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

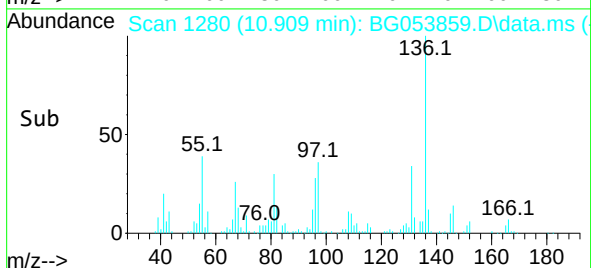
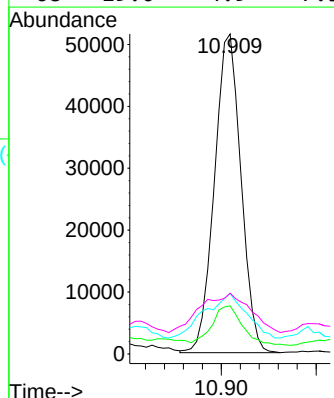
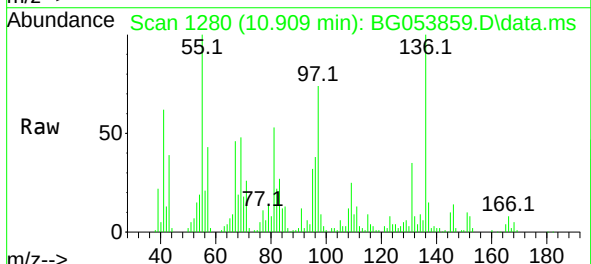
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

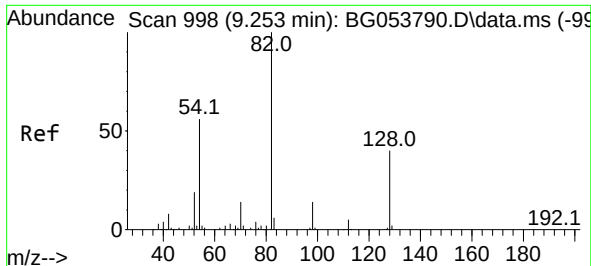
Tgt Ion: 99 Resp: 169013
Ion Ratio Lower Upper
99 100
42 27.1 17.0 25.6#
71 43.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.909 min Scan# 1280
Delta R.T. 0.005 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

Tgt Ion:136 Resp: 99968
Ion Ratio Lower Upper
136 100
137 15.1 8.5 12.7#
54 18.9 7.4 11.2#
68 19.0 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 77.180 ng

RT: 9.252 min Scan# 998

Delta R.T. -0.001 min

Lab File: BG053859.D

Acq: 9 Jun 2022 13:59

Instrument :

BNA_G

ClientSampleId :

WC-14B-4-GR

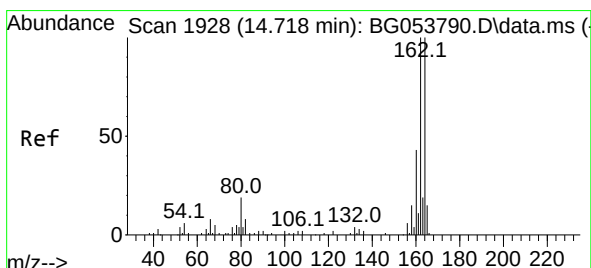
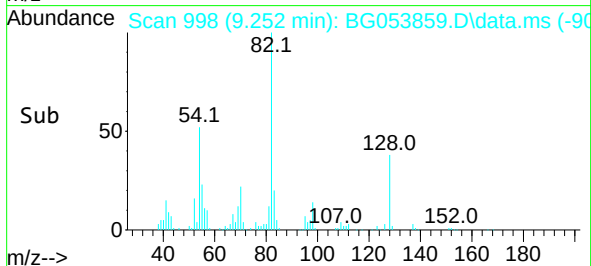
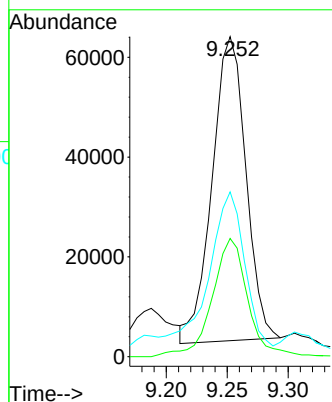
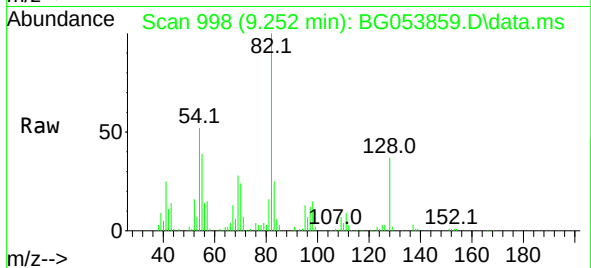
Tgt Ion: 82 Resp: 117492

Ion Ratio Lower Upper

82 100

128 36.9 27.9 41.9

54 51.5 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1929

Delta R.T. 0.004 min

Lab File: BG053859.D

Acq: 9 Jun 2022 13:59

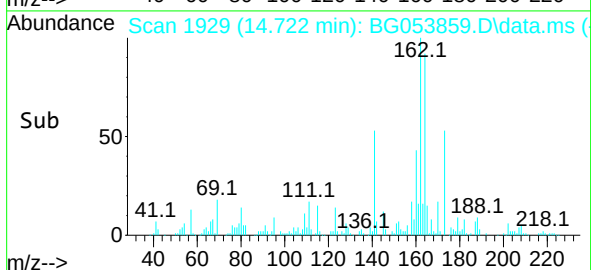
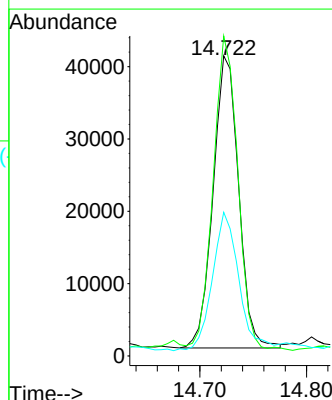
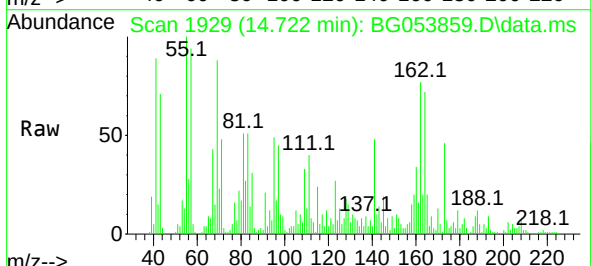
Tgt Ion:164 Resp: 67248

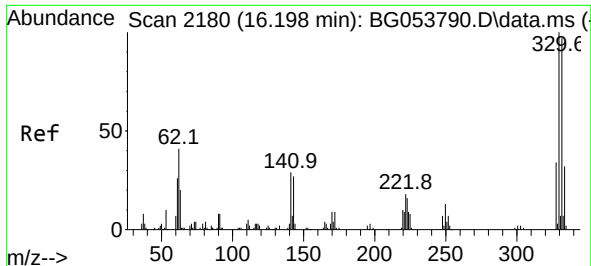
Ion Ratio Lower Upper

164 100

162 106.6 82.3 123.5

160 47.9 34.2 51.2

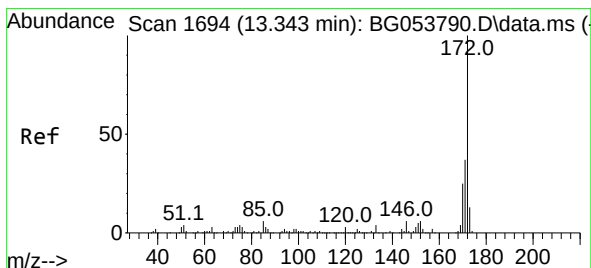
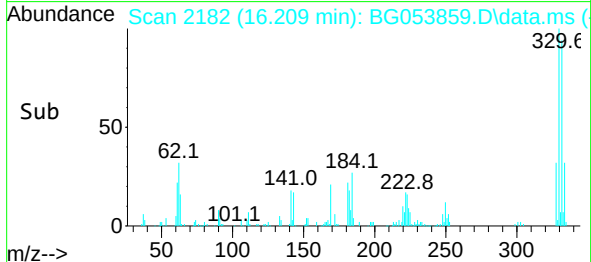
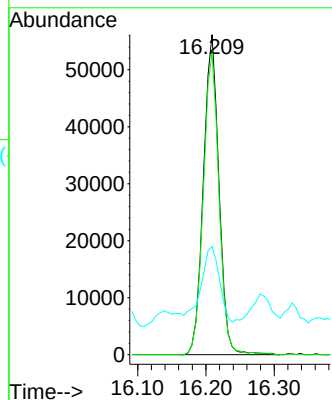
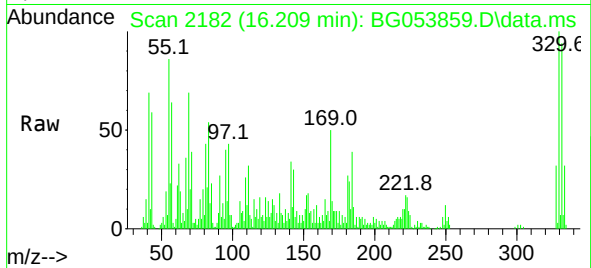




#42
2,4,6-Tribromophenol
Concen: 108.948 ng
RT: 16.209 min Scan# 2180
Delta R.T. 0.011 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

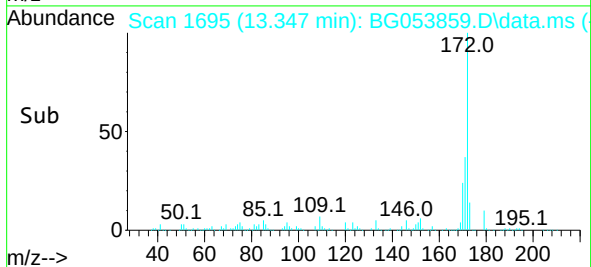
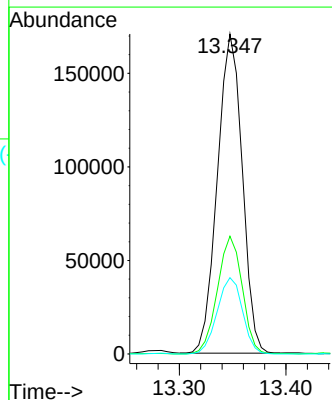
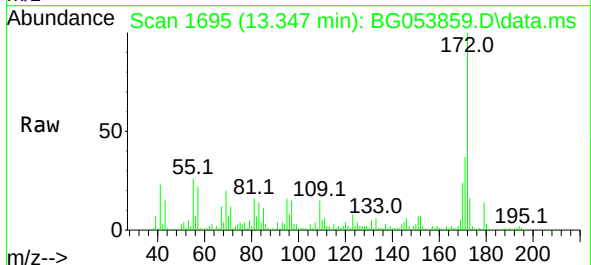
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

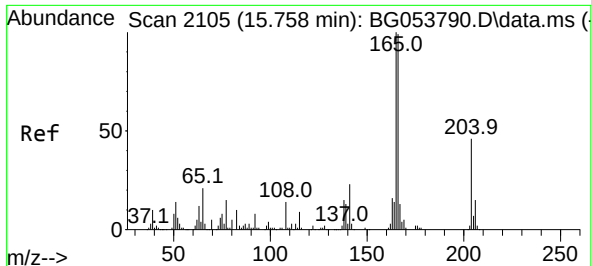
Tgt Ion:330 Resp: 88934
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 27.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 61.471 ng
RT: 13.347 min Scan# 1695
Delta R.T. 0.004 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

Tgt Ion:172 Resp: 276324
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.8 18.9 28.3

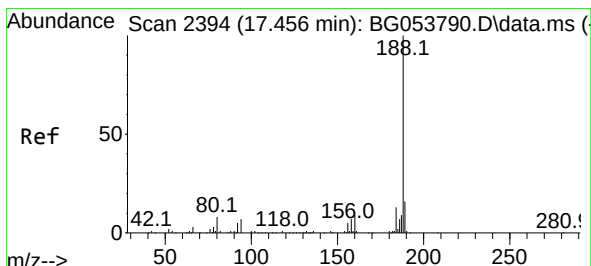
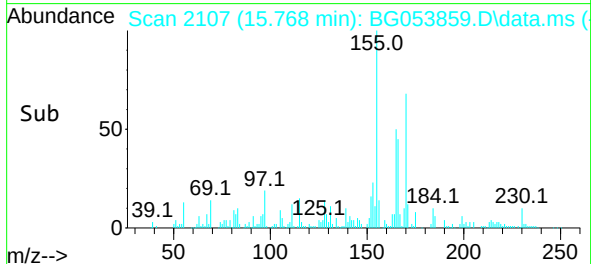
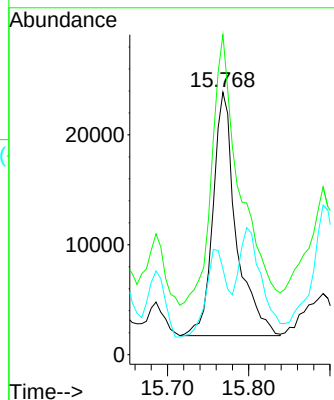
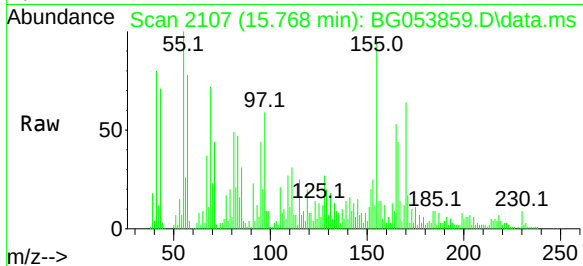




#58
Fluorene
Concen: 8.766 ng
RT: 15.768 min Scan# 2105
Delta R.T. 0.011 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

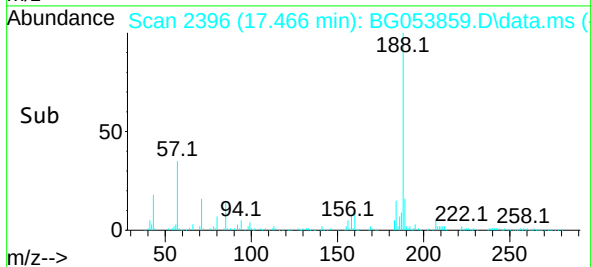
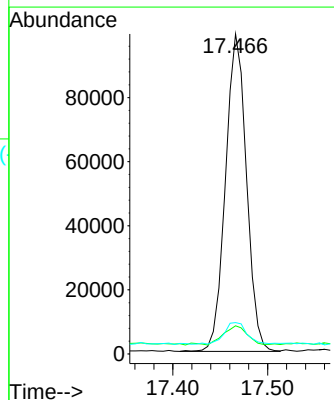
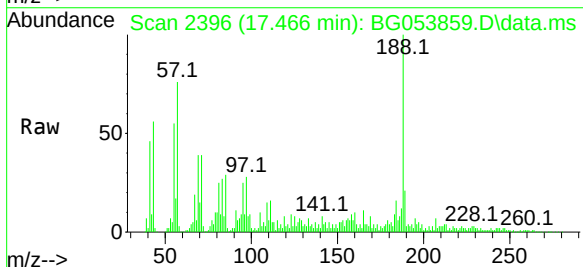
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ClientSampleId :
WC-14B-4-GR

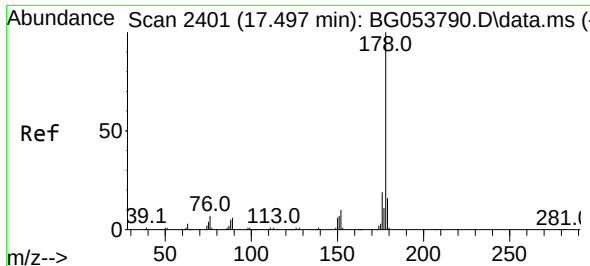
Tgt Ion:166 Resp: 43972
Ion Ratio Lower Upper
166 100
165 121.9 75.0 112.6#
167 32.7 10.8 16.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.466 min Scan# 2396
Delta R.T. 0.010 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

Tgt Ion:188 Resp: 152258
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 9.8 6.8 10.2

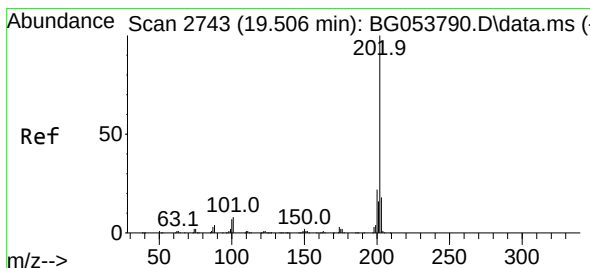
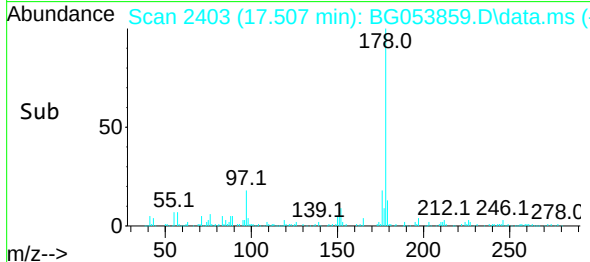
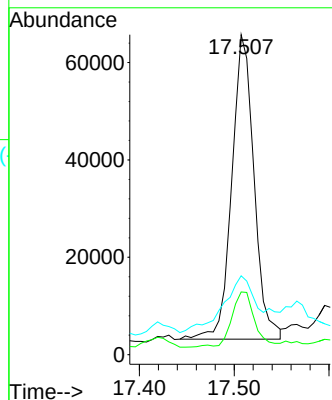
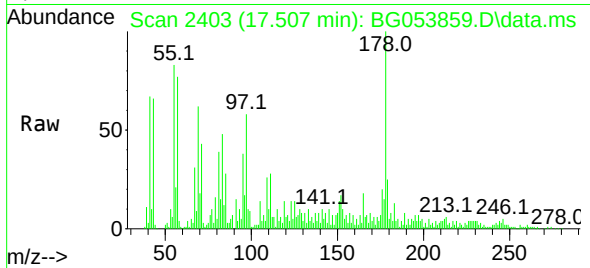




#71
Phenanthrene
Concen: 12.749 ng
RT: 17.507 min Scan# 2401
Delta R.T. 0.011 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

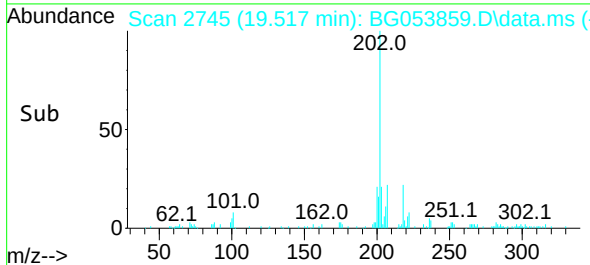
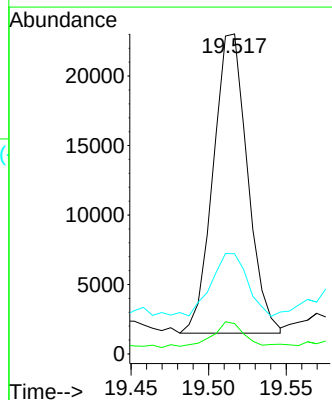
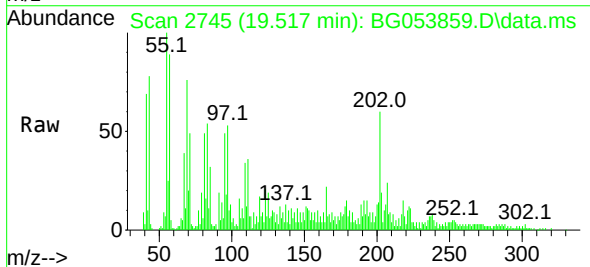
Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

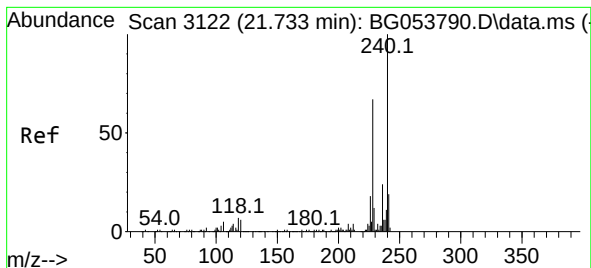
Tgt Ion:178 Resp: 102172
Ion Ratio Lower Upper
178 100
176 19.6 14.1 21.1
179 24.7 12.1 18.1#



#75
Fluoranthene
Concen: 3.192 ng
RT: 19.517 min Scan# 2745
Delta R.T. 0.011 min
Lab File: BG053859.D
Acq: 9 Jun 2022 13:59

Tgt Ion:202 Resp: 33183
Ion Ratio Lower Upper
202 100
101 9.5 0.0 26.9
203 31.3 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.738 min Scan# 3122

Delta R.T. 0.005 min

Lab File: BG053859.D

Acq: 9 Jun 2022 13:59

Instrument :

BNA_G

ClientSampleId :

WC-14B-4-GR

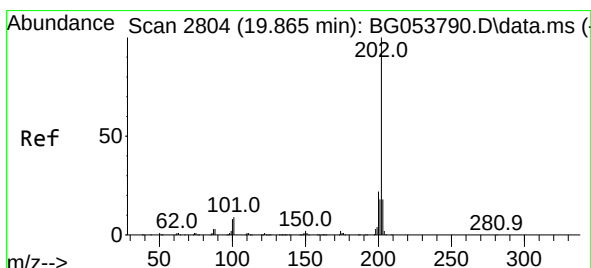
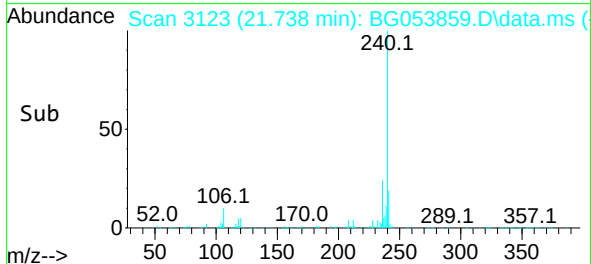
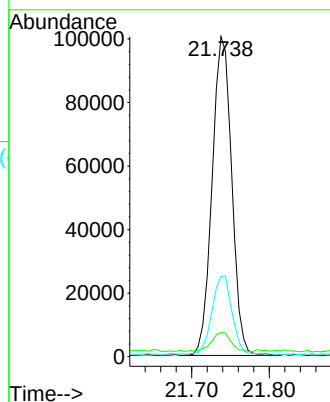
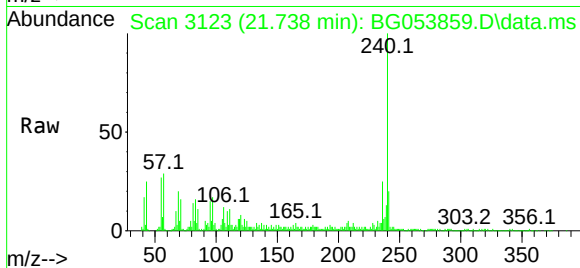
Tgt Ion:240 Resp: 176389

Ion Ratio Lower Upper

240 100

120 7.5 4.6 7.0#

236 25.1 20.2 30.4



#78

Pyrene

Concen: 3.823 ng

RT: 19.875 min Scan# 2806

Delta R.T. 0.011 min

Lab File: BG053859.D

Acq: 9 Jun 2022 13:59

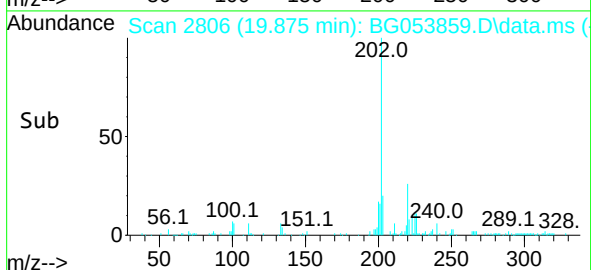
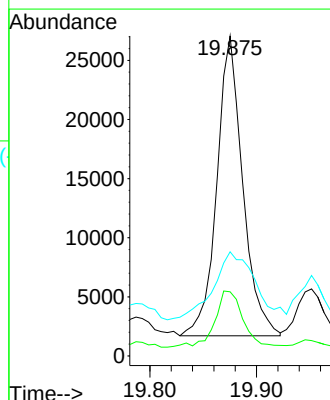
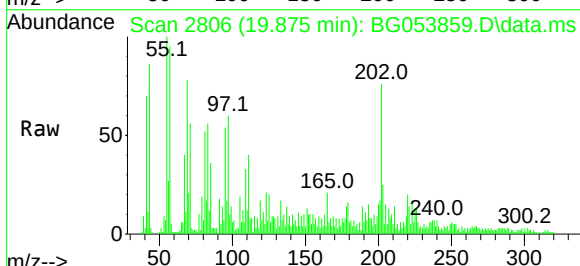
Tgt Ion:202 Resp: 42880

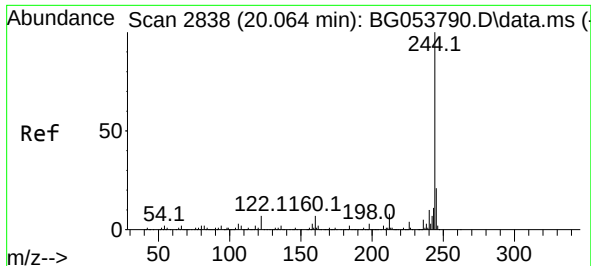
Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

203 32.5 14.6 21.8#

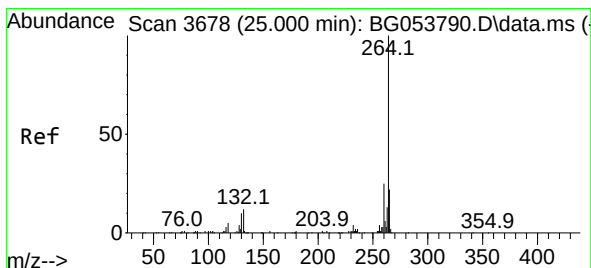
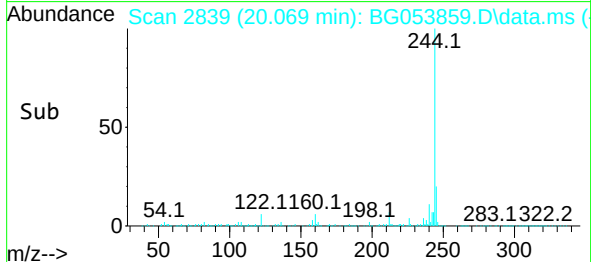
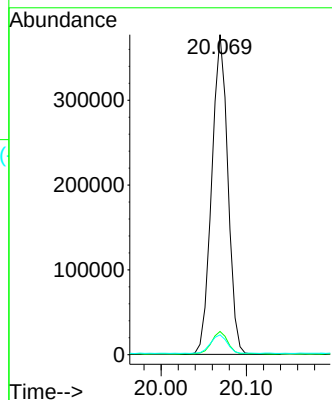
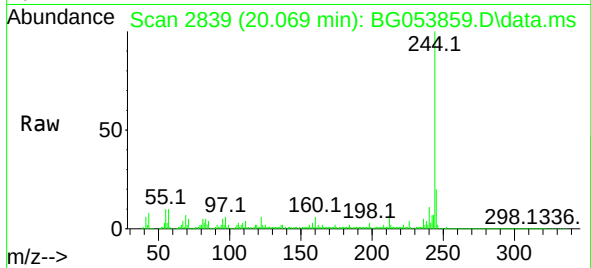




#79
 Terphenyl-d14
 Concen: 56.134 ng
 RT: 20.069 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG053859.D
 Acq: 9 Jun 2022 13:59

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-4-GR

Tgt Ion:244 Resp: 497710
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.016 min Scan# 3681
 Delta R.T. 0.016 min
 Lab File: BG053859.D
 Acq: 9 Jun 2022 13:59

Tgt Ion:264 Resp: 187739
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.8 17.4 26.2

