

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053898.D
 Acq On : 14 Jun 2022 11:33
 Operator : CG/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jun 15 02:57:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

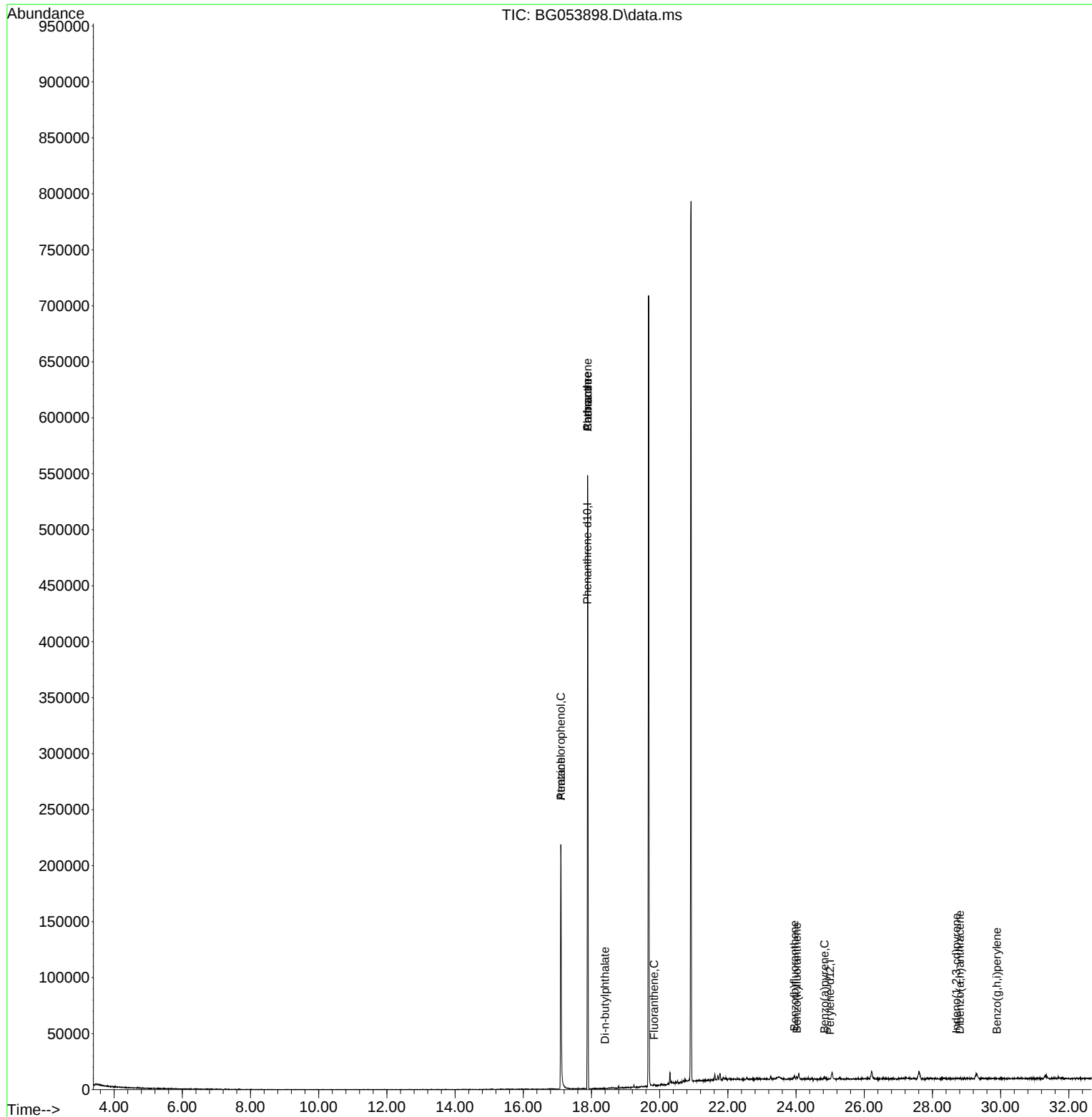
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-8.09
21) Naphthalene-d8	0.000	136	0	0.000	ng	-10.90
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.71
64) Phenanthrene-d10	17.882	188	254	20.000	ng	# 0.43
76) Chrysene-d12	0.000	240	0	0.000	ng	-21.73
86) Perylene-d12	24.991	264	59	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	20.056	244	841	0.000	ng	0.00
Target Compounds						
						Qvalue
69) Atrazine	17.101	200	10015	3652.117	ng	# 38
70) Pentachlorophenol	17.101	266	55267	32786.808	ng	92
71) Phenanthrene	17.888	178	124	9.502	ng	# 1
72) Anthracene	17.888	178	124	9.731	ng	# 1
73) Carbazole	17.888	167	3911	357.554	ng	# 77
74) Di-n-butylphthalate	18.399	149	382	30.205	ng	# 77
75) Fluoranthene	19.839	202	1475	86.102	ng	71
87) Indeno(1,2,3-cd)pyrene	28.699	276	575	129.144	ng	# 56
88) Benzo(b)fluoranthene	23.957	252	3578	997.395	ng	# 95
89) Benzo(k)fluoranthene	24.022	252	3689	1038.626	ng	# 92
90) Benzo(a)pyrene	24.839	252	2838	937.637	ng	# 95
91) Dibenzo(a,h)anthracene	28.805	278	238	64.642	ng	# 59
92) Benzo(g,h,i)perylene	29.891	276	480	132.106	ng	# 60

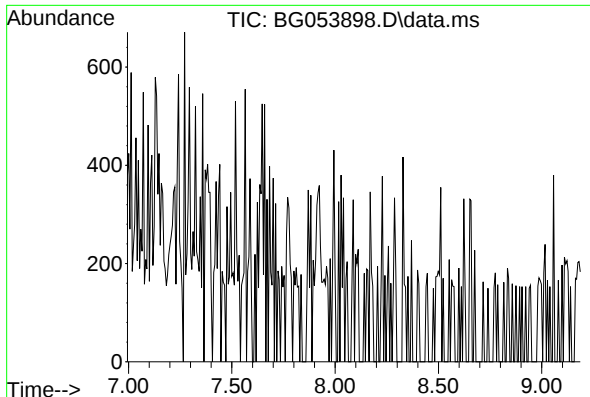
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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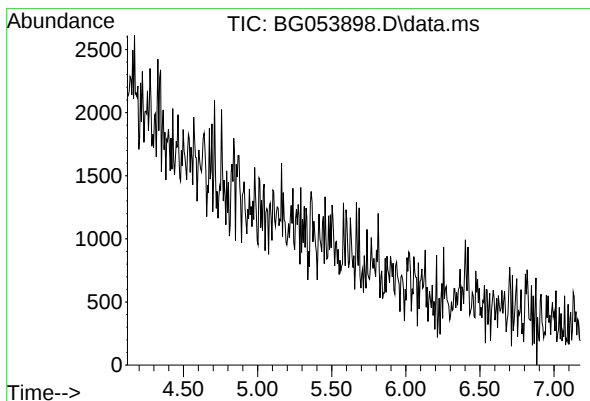
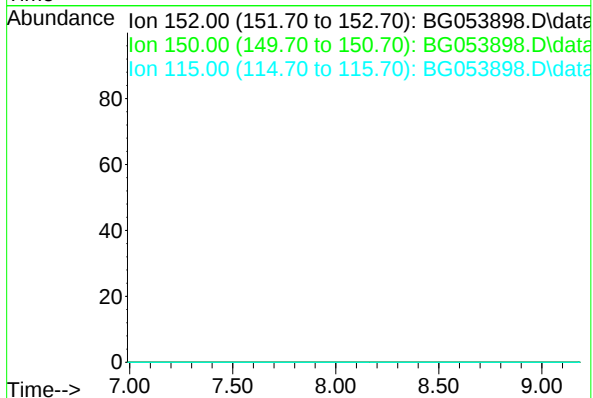




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.09 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

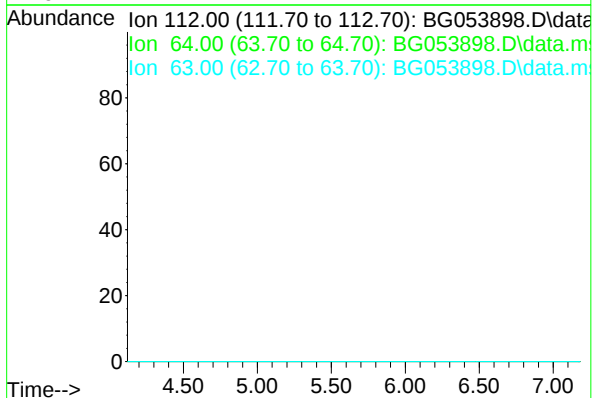
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

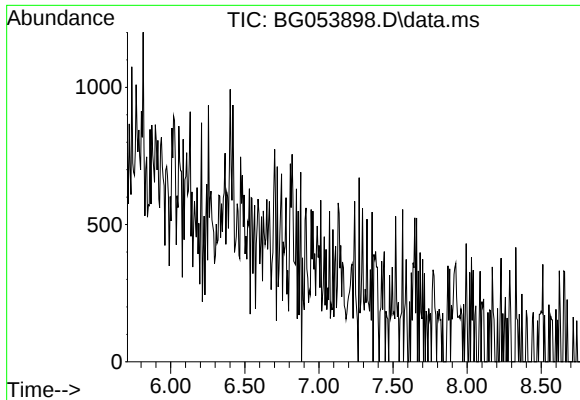
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 164.5
 115 63.6



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.65 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 68.9
 63 38.0



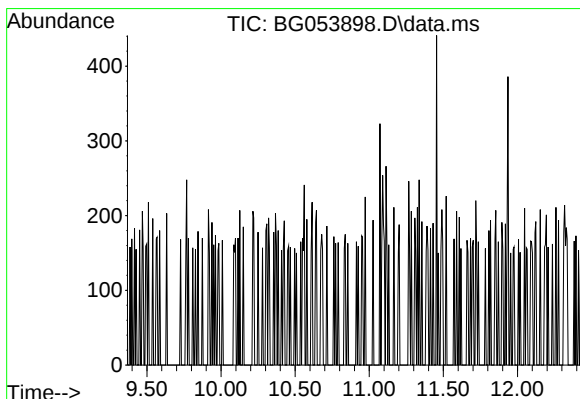
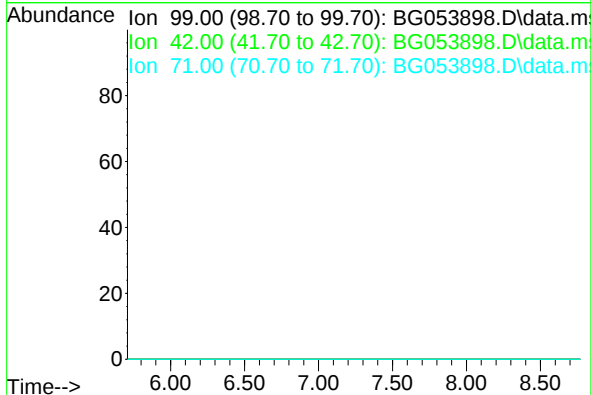


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.24 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 99

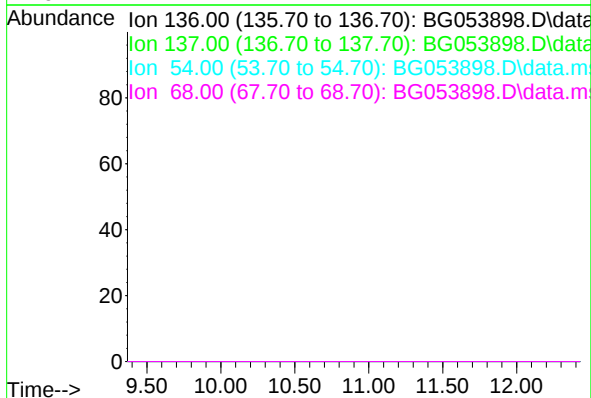
Sig	Exp Ratio
99	100
42	21.3
71	42.3

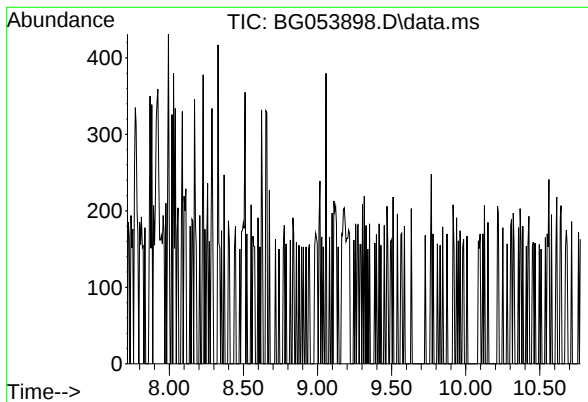


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 10.90 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.6
54	9.3
68	6.1



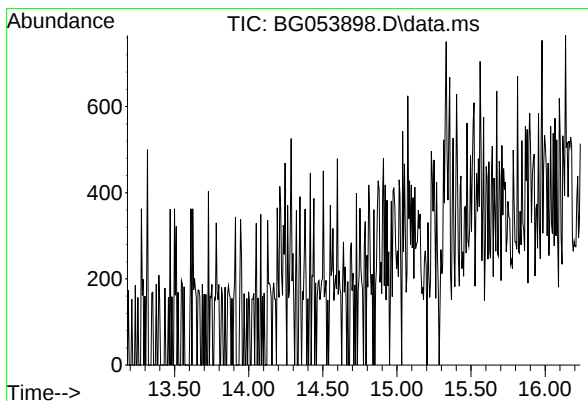
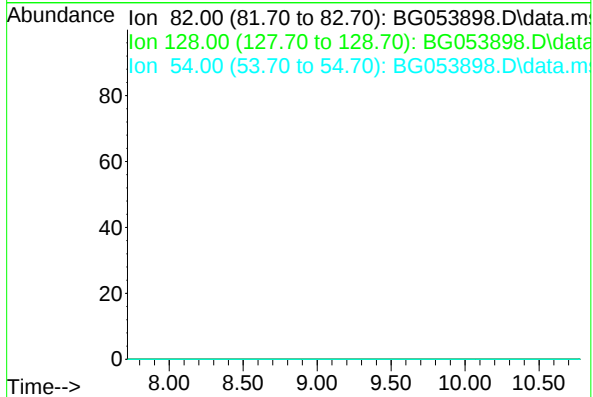


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.25 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 82

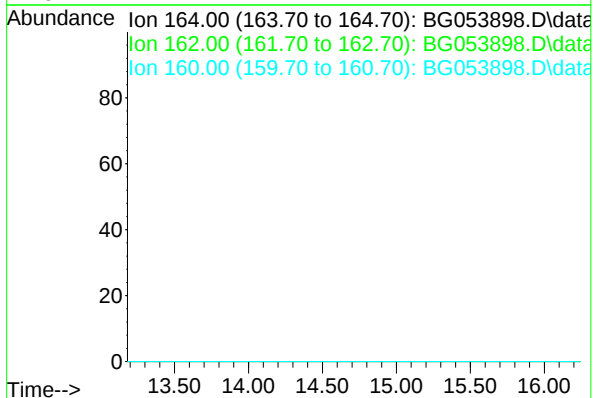
Sig	Exp Ratio
82	100
128	34.9
54	51.5

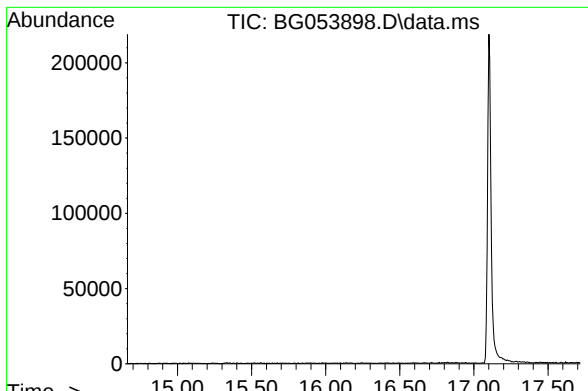


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.71 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	102.9
160	42.7



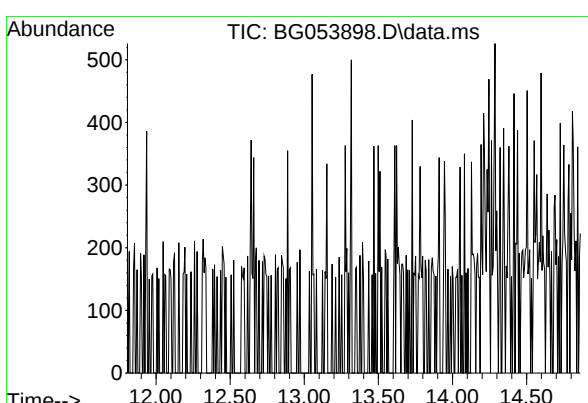
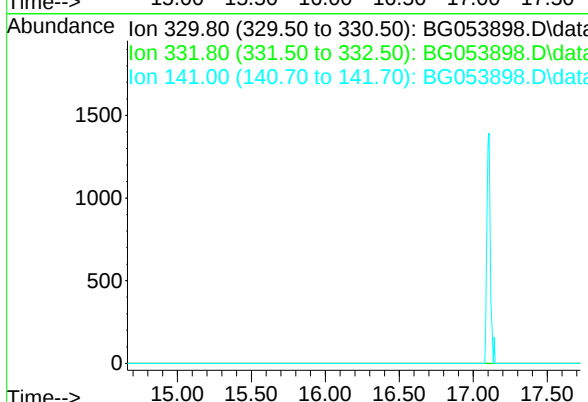


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.19 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 330

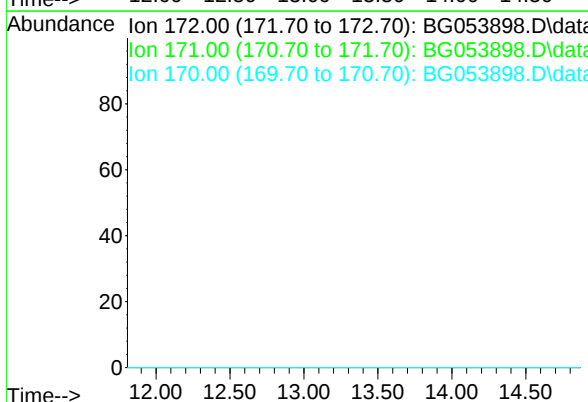
Sig	Exp Ratio
330	100
332	95.0
141	33.9

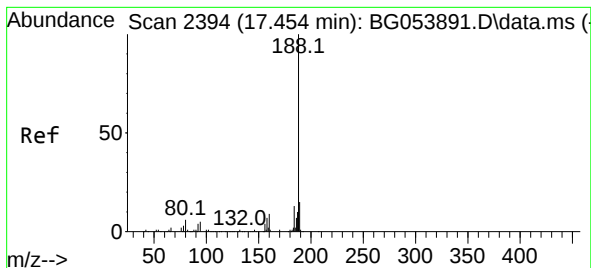


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.34 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.6
170	23.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.882 min Scan# 2467

Delta R.T. 0.428 min

Lab File: BG053898.D

Acq: 14 Jun 2022 11:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

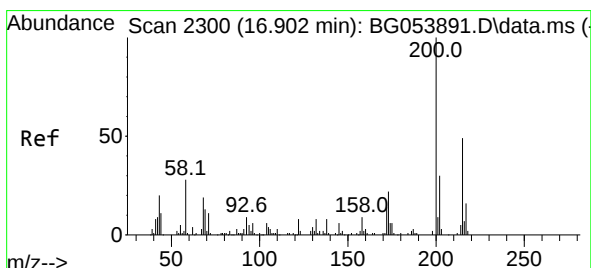
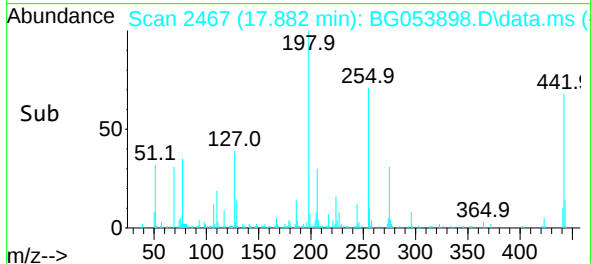
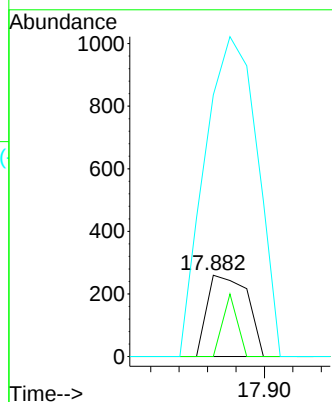
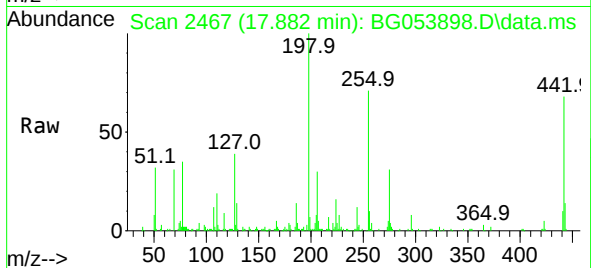
Tgt Ion:188 Resp: 254

Ion Ratio Lower Upper

188 100

94 0.0 5.4 8.0#

80 321.5 6.8 10.2#



#69

Atrazine

Concen: 3652.117 ng

RT: 17.101 min Scan# 2334

Delta R.T. 0.199 min

Lab File: BG053898.D

Acq: 14 Jun 2022 11:33

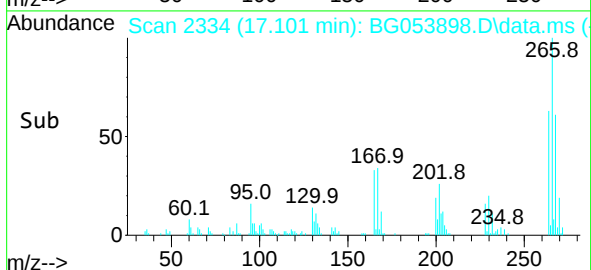
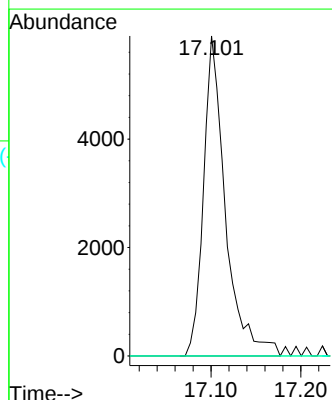
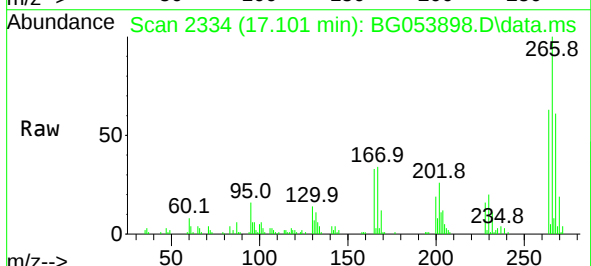
Tgt Ion:200 Resp: 10015

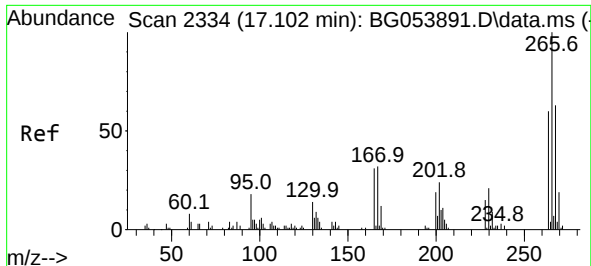
Ion Ratio Lower Upper

200 100

173 0.0 3.7 43.7#

215 0.0 25.2 65.2#

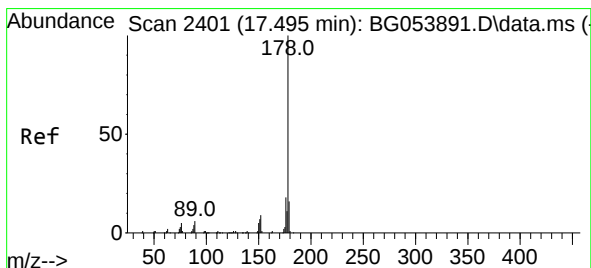
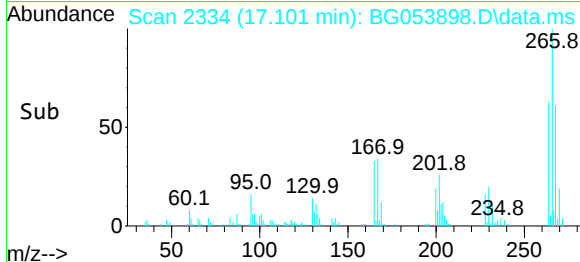
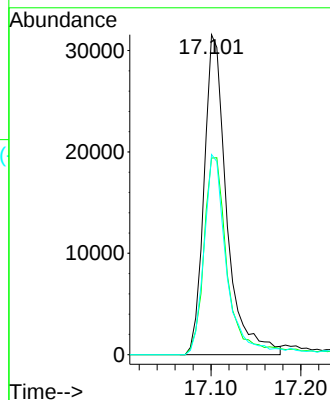
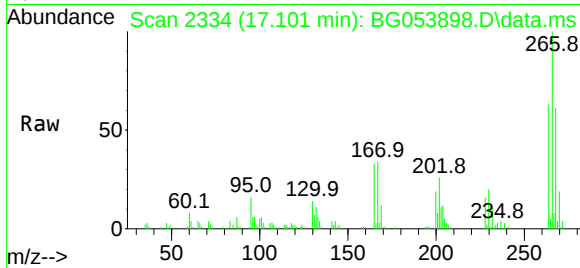




#70
 Pentachlorophenol
 Concen: 32786.808 ng
 RT: 17.101 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

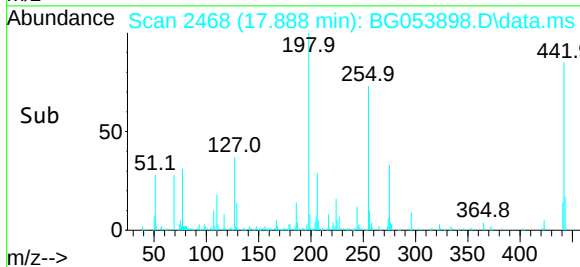
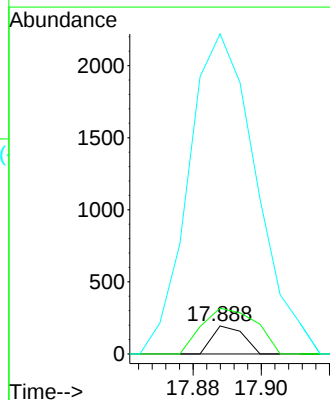
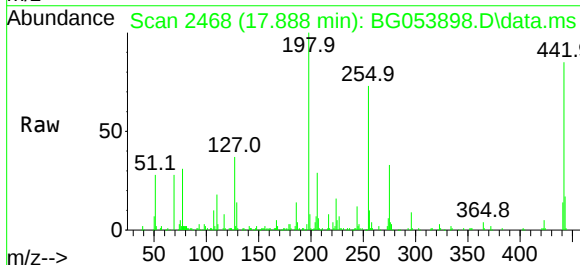
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

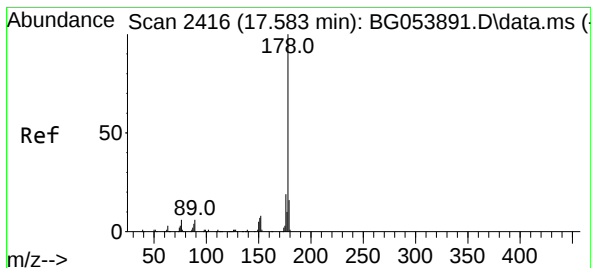
Tgt Ion:266 Resp: 55267
 Ion Ratio Lower Upper
 266 100
 268 61.5 56.2 84.2
 264 62.5 53.0 79.4



#71
 Phenanthrene
 Concen: 9.502 ng
 RT: 17.888 min Scan# 2468
 Delta R.T. 0.393 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Tgt Ion:178 Resp: 124
 Ion Ratio Lower Upper
 178 100
 176 163.4 14.1 21.1#
 179 1144.3 12.1 18.1#





#72

Anthracene

Concen: 9.731 ng

RT: 17.888 min Scan# 2416

Delta R.T. 0.304 min

Lab File: BG053898.D

Acq: 14 Jun 2022 11:33

Instrument :

BNA_G

ClientSampleId :

DFTTP

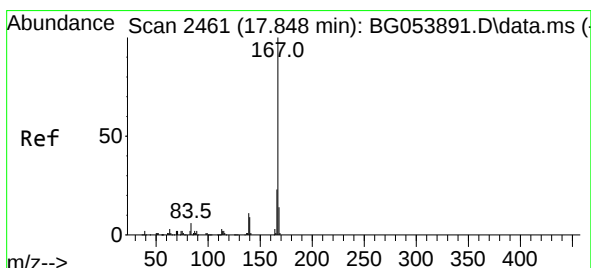
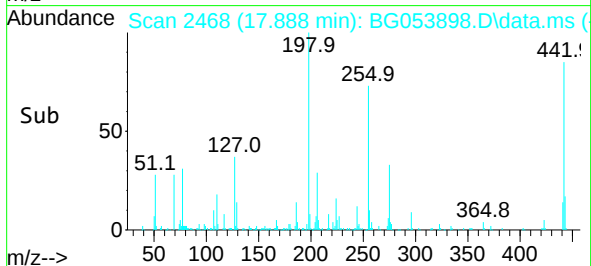
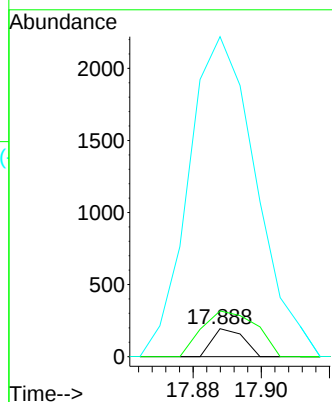
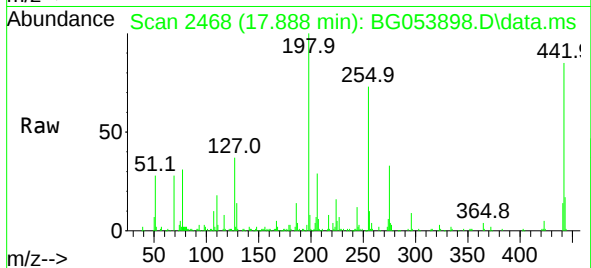
Tgt Ion:178 Resp: 124

Ion Ratio Lower Upper

178 100

176 163.4 15.2 22.8#

179 1144.3 13.0 19.4#



#73

Carbazole

Concen: 357.554 ng

RT: 17.888 min Scan# 2468

Delta R.T. 0.040 min

Lab File: BG053898.D

Acq: 14 Jun 2022 11:33

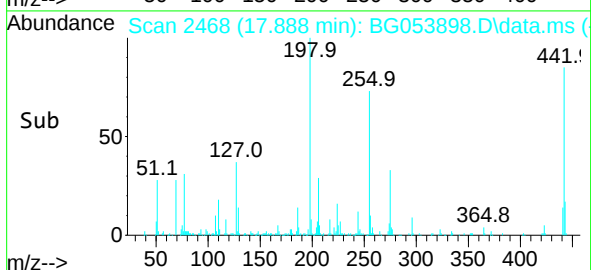
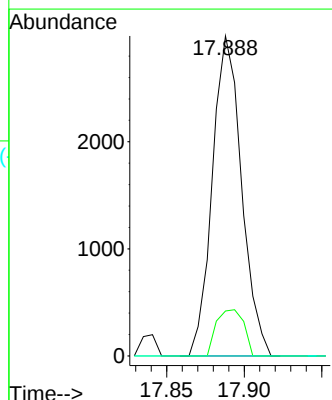
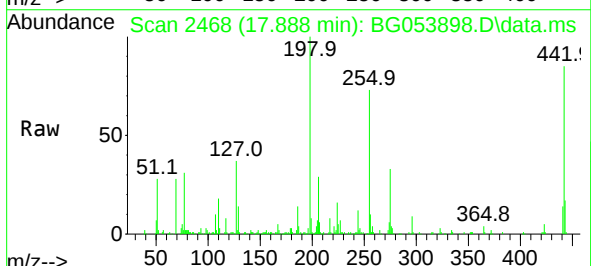
Tgt Ion:167 Resp: 3911

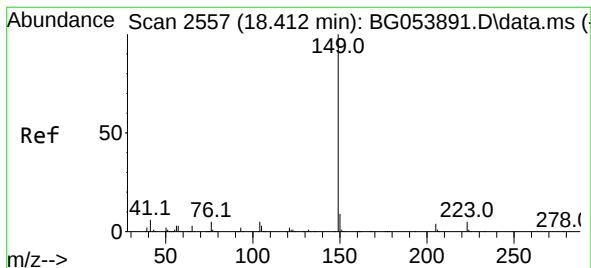
Ion Ratio Lower Upper

167 100

166 14.1 18.2 27.2#

139 0.0 10.1 15.1#





#74

Di-n-butylphthalate

Concen: 30.205 ng

RT: 18.399 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG053898.D

Acq: 14 Jun 2022 11:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

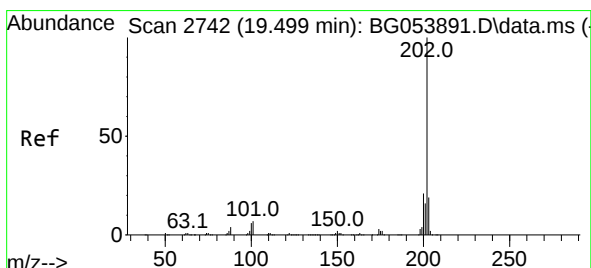
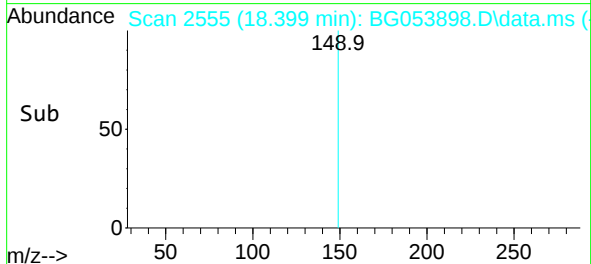
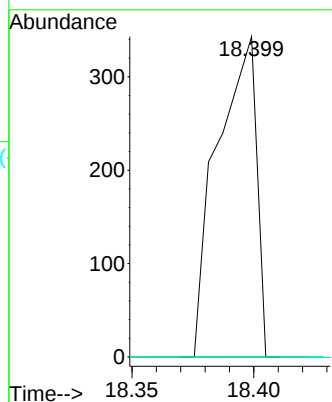
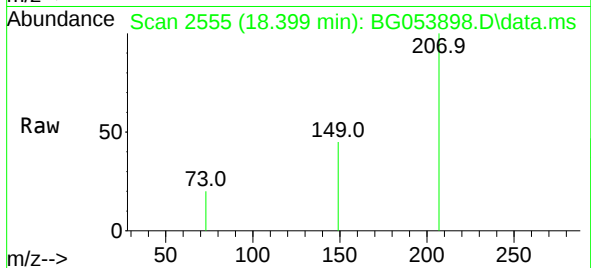
Tgt Ion:149 Resp: 382

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 5.4 8.0#



#75

Fluoranthene

Concen: 86.102 ng

RT: 19.839 min Scan# 2800

Delta R.T. 0.340 min

Lab File: BG053898.D

Acq: 14 Jun 2022 11:33

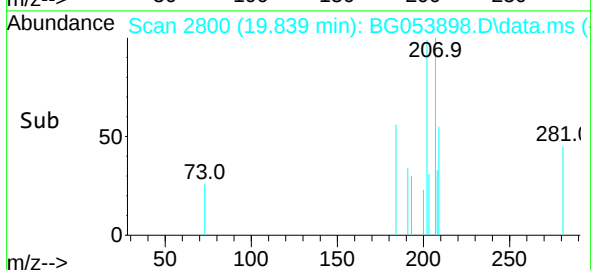
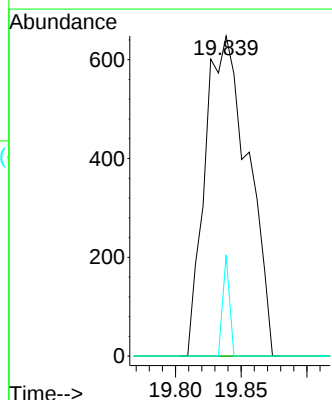
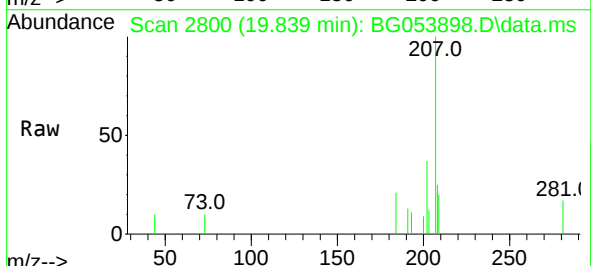
Tgt Ion:202 Resp: 1475

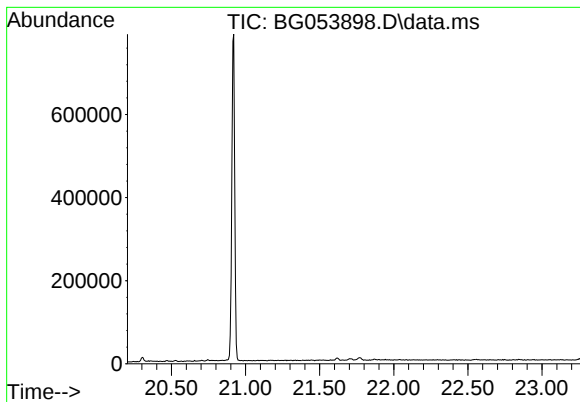
Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.9

203 31.6 0.0 37.2



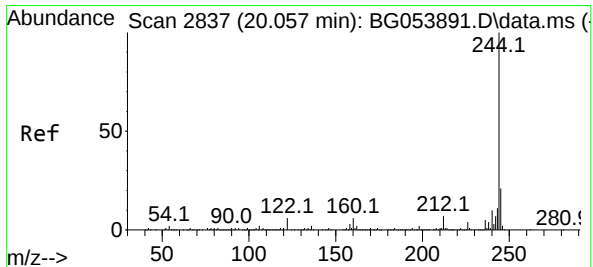
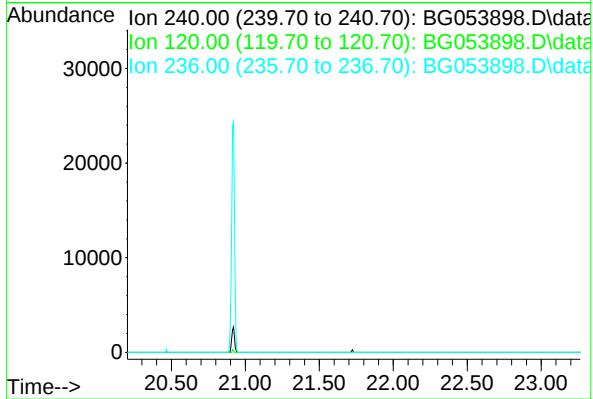


#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.73 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 240

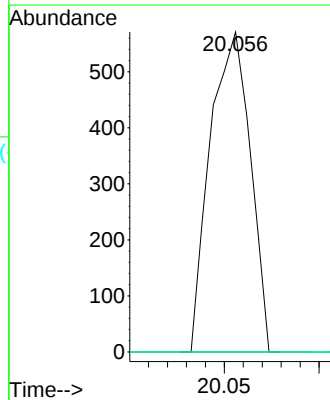
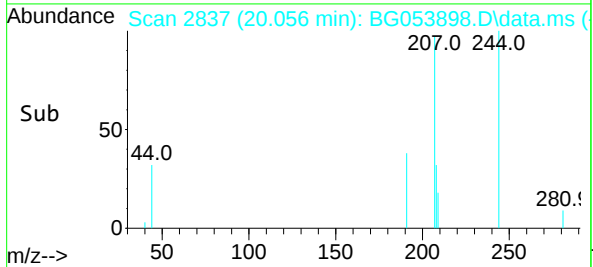
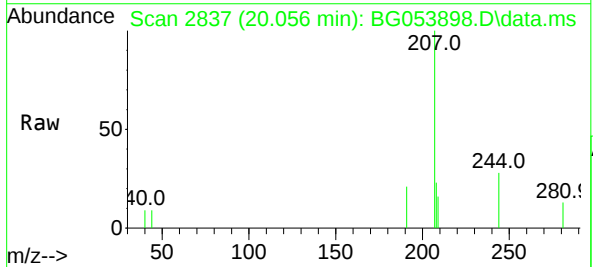
Sig	Exp Ratio
240	100
120	5.8
236	25.3

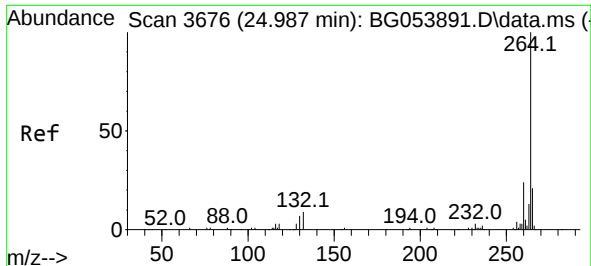


#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 20.056 min Scan# 2837
 Delta R.T. -0.001 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Tgt Ion: 244 Resp: 841

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.5	9.7#
122	0.0	5.0	7.4#

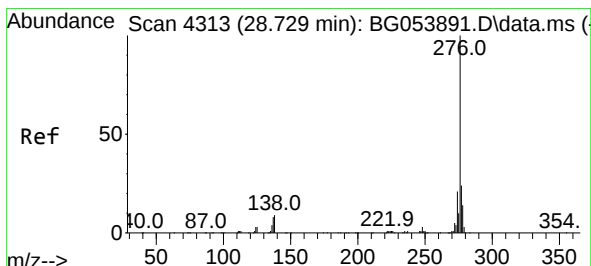
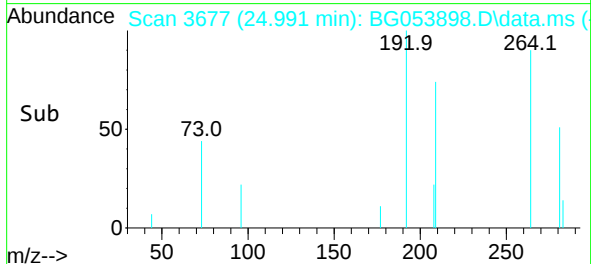
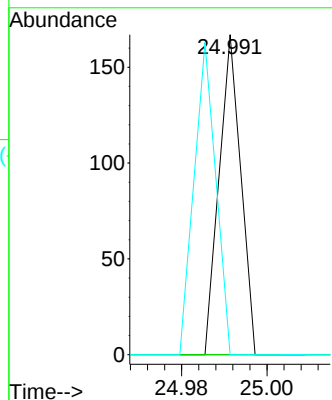
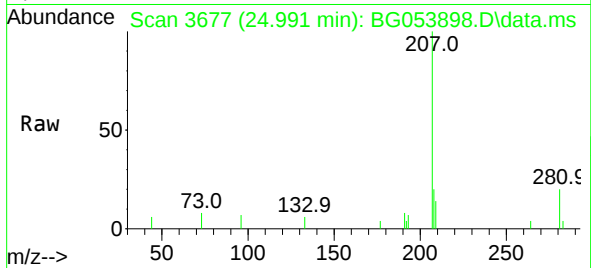




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.991 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG053898.D
Acq: 14 Jun 2022 11:33

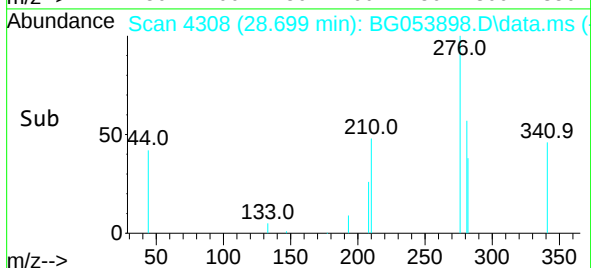
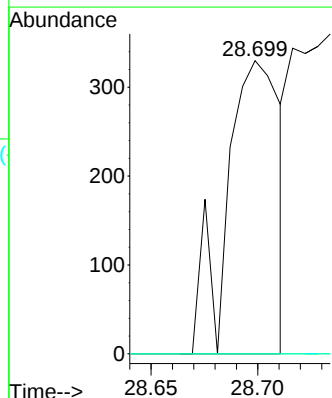
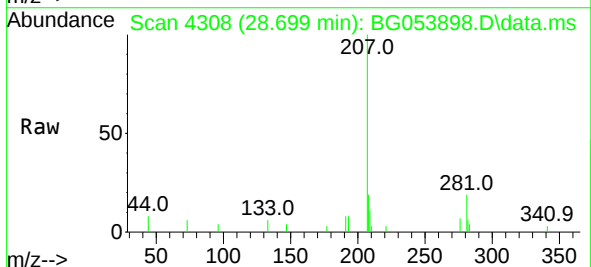
Instrument :
BNA_G
ClientSampleId :
DFTPP

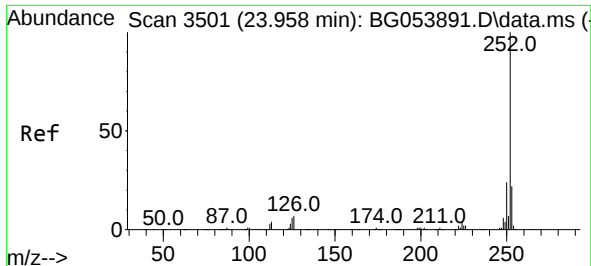
Tgt Ion:264 Resp: 59
Ion Ratio Lower Upper
264 100
260 0.0 19.0 28.6#
265 0.0 17.4 26.2#



#87
Indeno(1,2,3-cd)pyrene
Concen: 129.144 ng
RT: 28.699 min Scan# 4308
Delta R.T. -0.030 min
Lab File: BG053898.D
Acq: 14 Jun 2022 11:33

Tgt Ion:276 Resp: 575
Ion Ratio Lower Upper
276 100
138 0.0 5.0 7.4#
277 0.0 20.3 30.5#

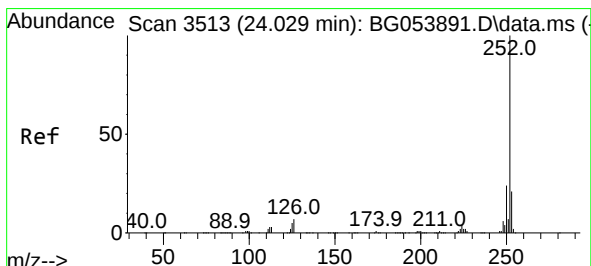
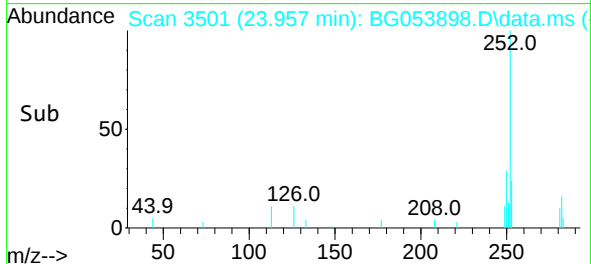
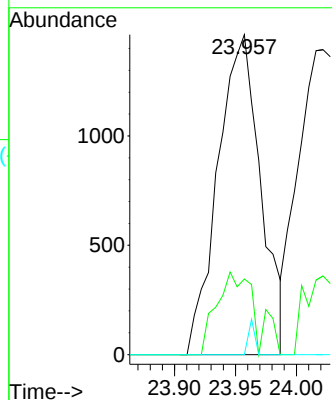
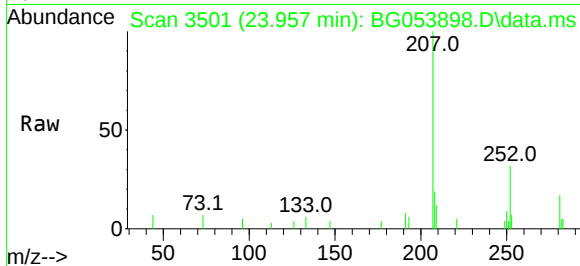




#88
Benzo(b)fluoranthene
Concen: 997.395 ng
RT: 23.957 min Scan# 3501
Delta R.T. -0.001 min
Lab File: BG053898.D
Acq: 14 Jun 2022 11:33

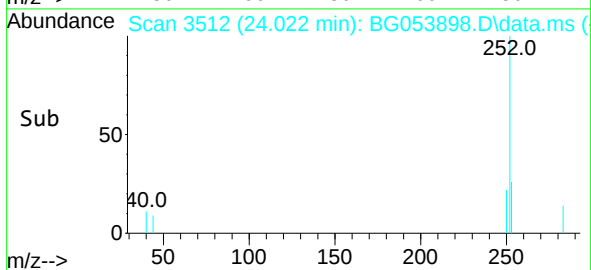
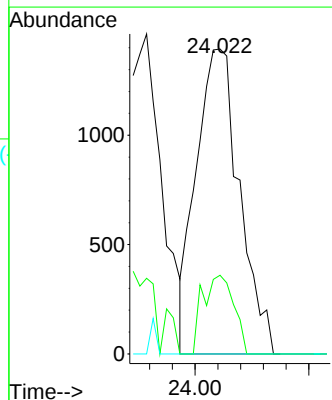
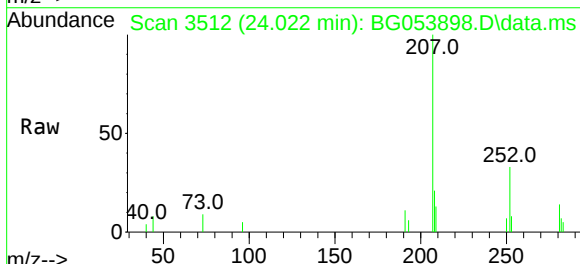
Instrument :
BNA_G
ClientSampleId :
DFTPP

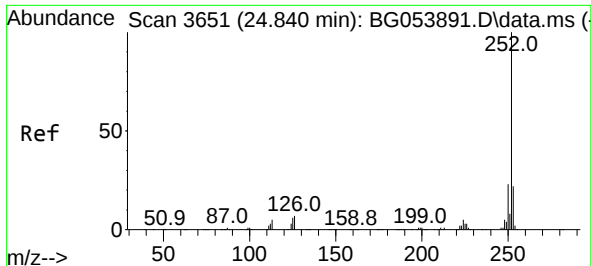
Tgt Ion:252 Resp: 3578
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 0.0 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 1038.626 ng
RT: 24.022 min Scan# 3512
Delta R.T. -0.007 min
Lab File: BG053898.D
Acq: 14 Jun 2022 11:33

Tgt Ion:252 Resp: 3689
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 0.0 4.8 7.2#

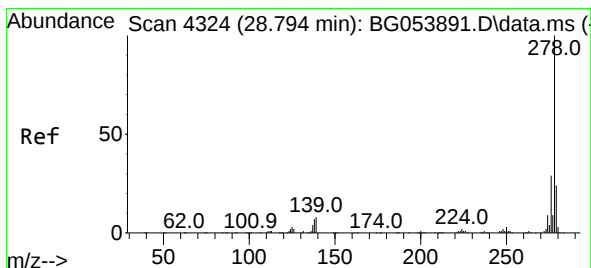
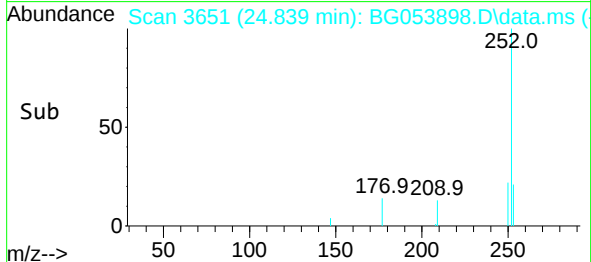
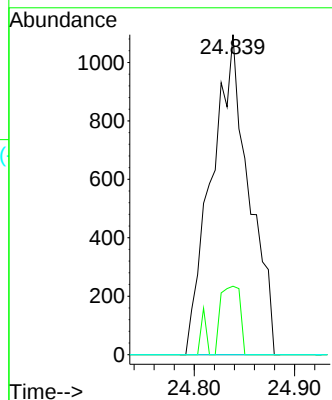
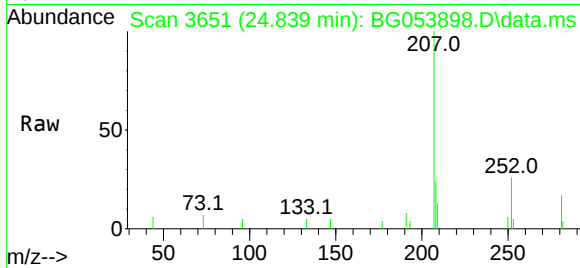




#90
Benzo(a)pyrene
Concen: 937.637 ng
RT: 24.839 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG053898.D
Acq: 14 Jun 2022 11:33

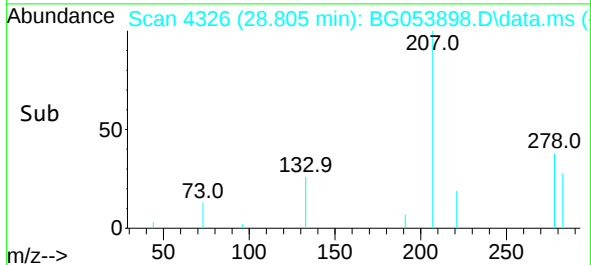
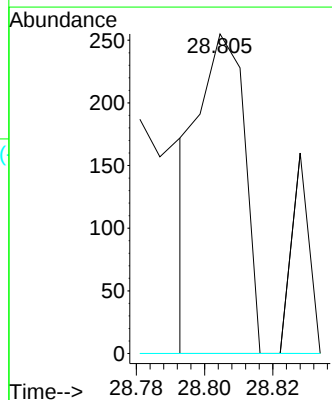
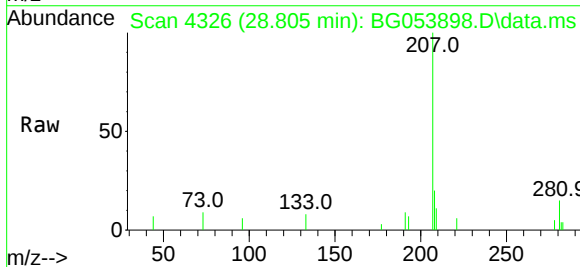
Instrument :
BNA_G
ClientSampleId :
DFTPP

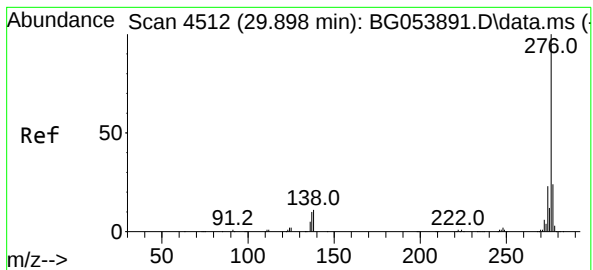
Tgt Ion:252 Resp: 2838
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 0.0 4.3 6.5#



#91
Dibenzo(a,h)anthracene
Concen: 64.642 ng
RT: 28.805 min Scan# 4326
Delta R.T. 0.011 min
Lab File: BG053898.D
Acq: 14 Jun 2022 11:33

Tgt Ion:278 Resp: 238
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: 132.106 ng
 RT: 29.891 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BG053898.D
 Acq: 14 Jun 2022 11:33

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:	276	Resp:	480
Ion	Ratio	Lower	Upper
276	100		
277	0.0	17.3	25.9#
138	0.0	9.6	14.4#

