

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053604.D
 Acq On : 18 May 2022 14:48
 Operator : CG/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: May 19 05:11:47 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 11 06:00:46 2022
 Response via : Initial Calibration

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

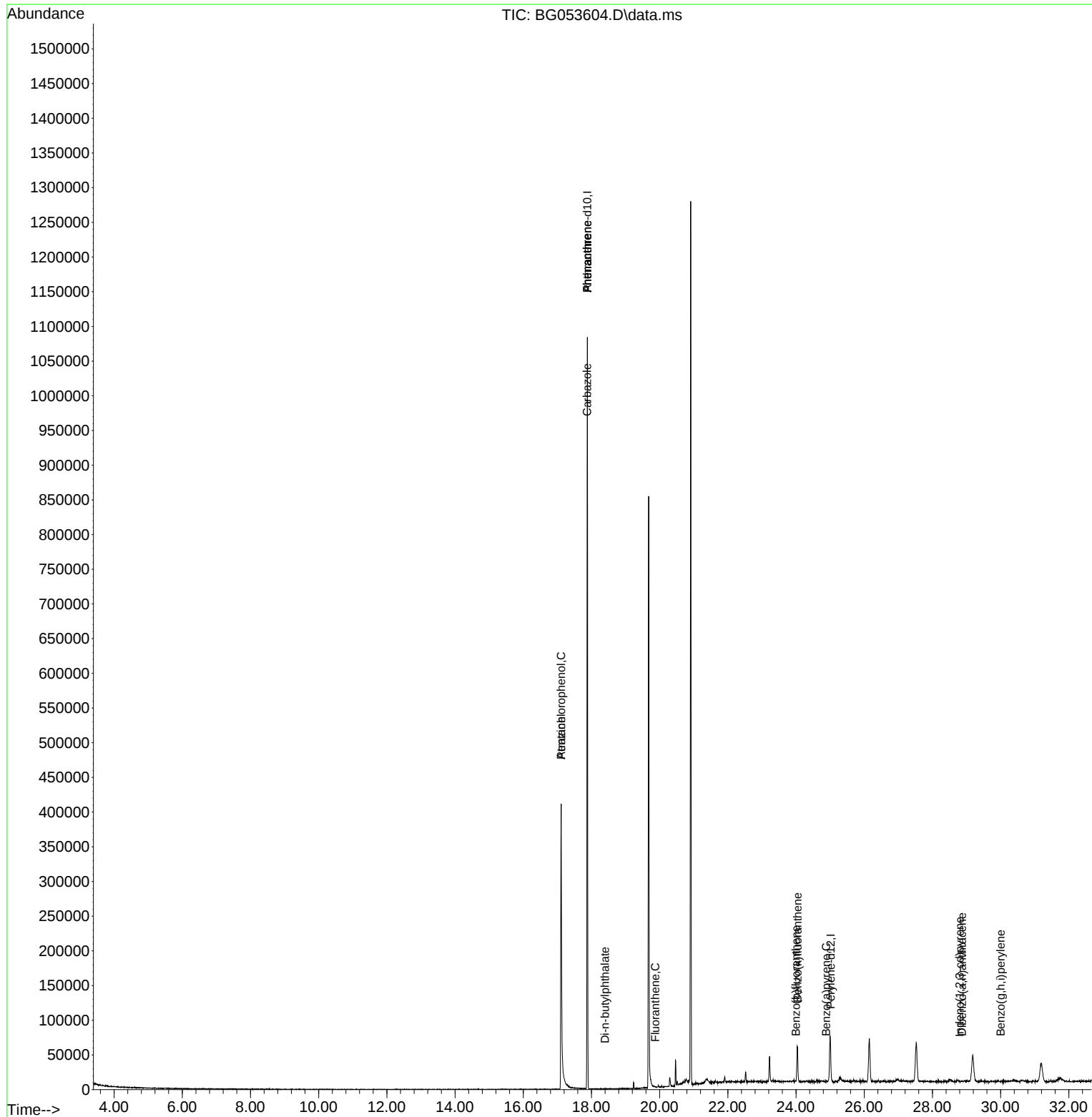
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-8.09
21) Naphthalene-d8	0.000	136	0	0.000	ng	-10.90
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.72
64) Phenanthrene-d10	17.879	188	577	20.000	ng	# 0.42
76) Chrysene-d12	0.000	240	0	0.000	ng	-21.74
86) Perylene-d12	25.017	264	55	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	7.482	99	55	0.000	ng	0.23
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	20.053	244	529	0.000	ng	0.00
Target Compounds						
						Qvalue
69) Atrazine	17.110	200	19285	3023.880	ng	# 38
70) Pentachlorophenol	17.110	266	100851	23904.578	ng	93
71) Phenanthrene	17.879	178	504	17.178	ng	# 1
72) Anthracene	17.879	178	504	17.477	ng	# 1
73) Carbazole	17.874	167	6435	227.683	ng	# 76
74) Di-n-butylphthalate	18.396	149	281	8.840	ng	# 77
75) Fluoranthene	19.871	202	121	3.185	ng	66
87) Indeno(1,2,3-cd)pyrene	28.800	276	63	16.446	ng	# 56
88) Benzo(b)fluoranthene	23.995	252	247	75.871	ng	# 59
89) Benzo(k)fluoranthene	24.042	252	196	61.267	ng	# 1
90) Benzo(a)pyrene	24.882	252	195	70.373	ng	# 59
91) Dibenzo(a,h)anthracene	28.870	278	74	23.444	ng	# 59
92) Benzo(g,h,i)perylene	29.998	276	62	19.816	ng	# 60

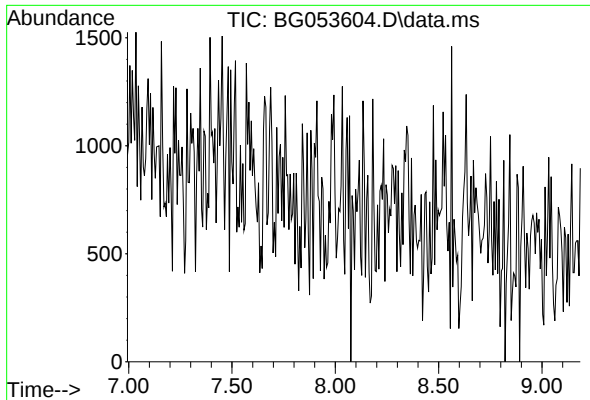
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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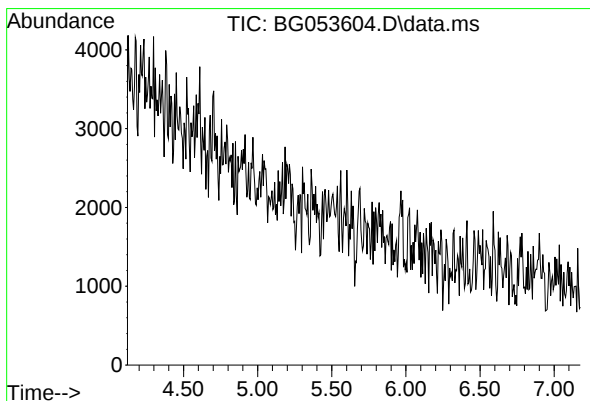
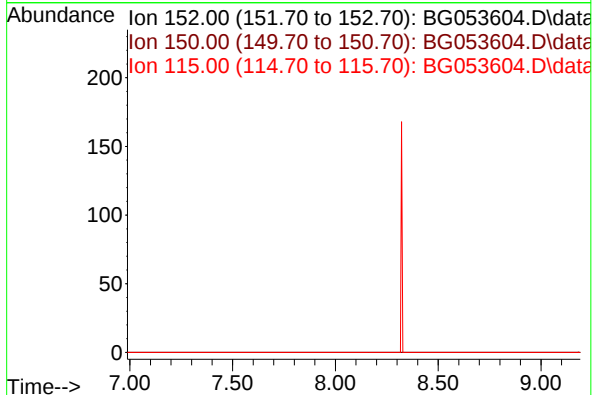


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.09 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 152

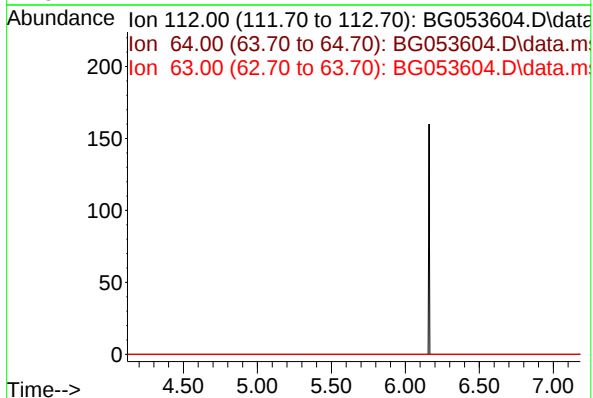
Sig	Exp Ratio
152	100
150	164.5
115	63.6

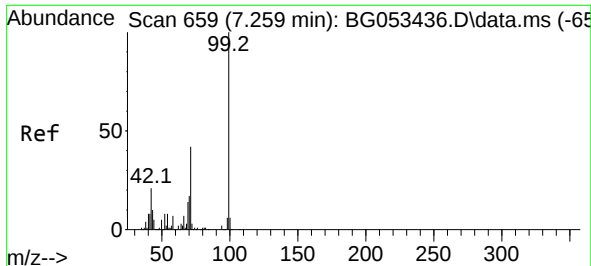


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.65 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	68.9
63	38.0

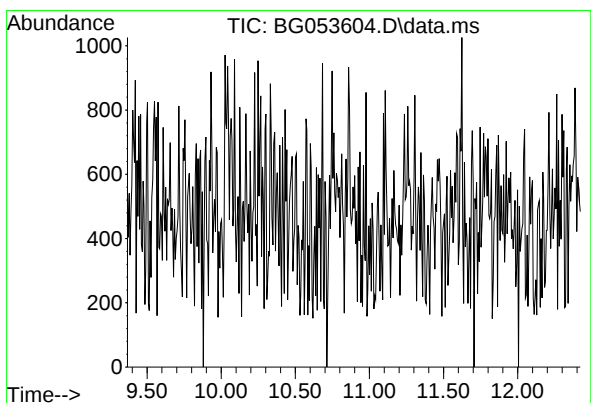
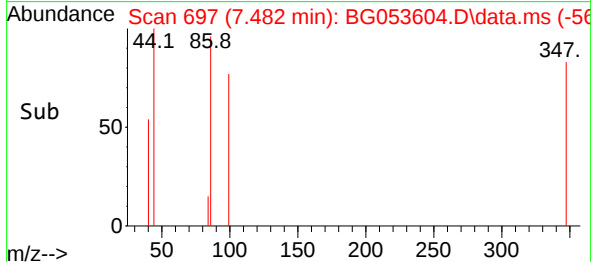
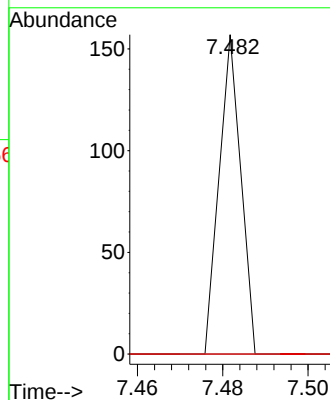
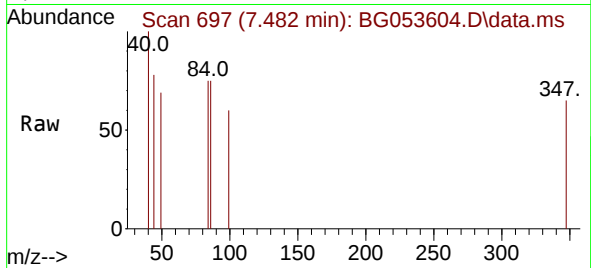




#7
Phenol-d6
Concen: 0.000 ng
RT: 7.482 min Scan# 61
Delta R.T. 0.232 min
Lab File: BG053604.D
Acq: 18 May 2022 14:48

Instrument :
BNA_G
ClientSampleId :
DFTTP

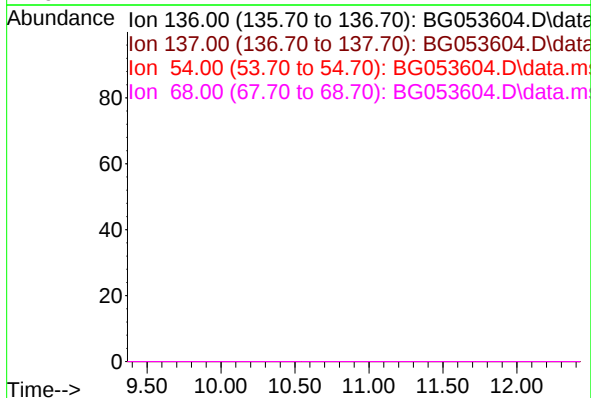
Tgt Ion: 99 Resp: 55
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 33.8 50.8#

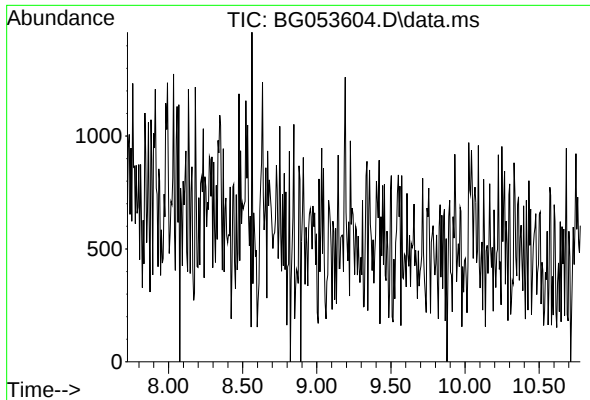


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.90 min

Lab File: BG053604.D
Acq: 18 May 2022 14:48

Tgt Ion: 136
Sig Exp Ratio
136 100
137 10.6
54 9.3
68 6.1



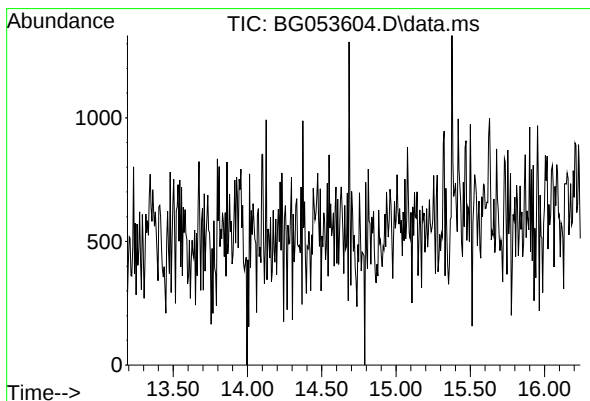
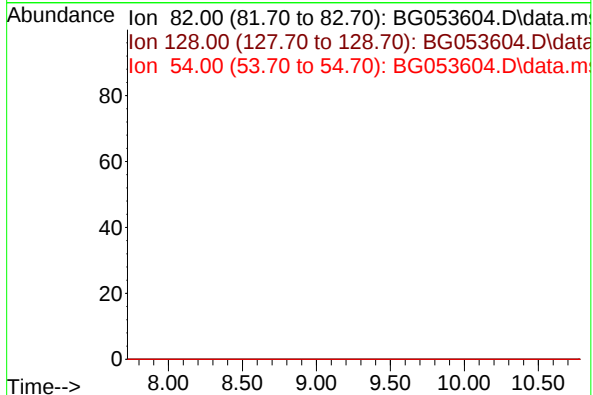


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.25 min

Lab File: BG053604.D
Acq: 18 May 2022 14:48

Instrument :
BNA_G
ClientSampleId :
DFTPP

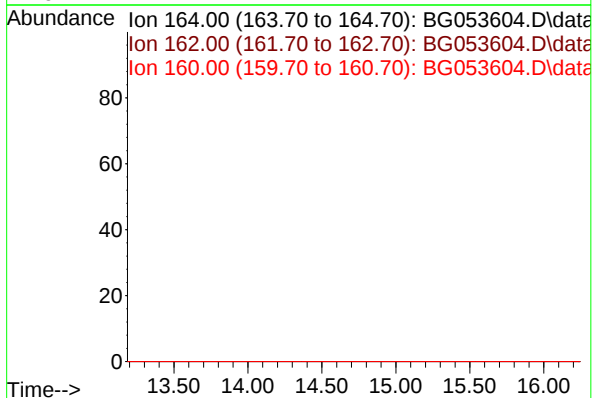
Tgt Ion: 82
Sig Exp Ratio
82 100
128 34.9
54 51.5

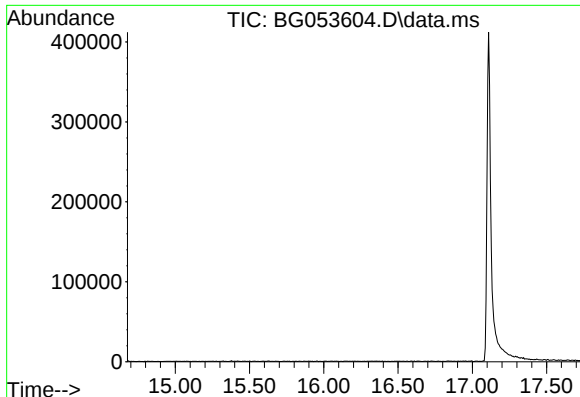


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.72 min

Lab File: BG053604.D
Acq: 18 May 2022 14:48

Tgt Ion: 164
Sig Exp Ratio
164 100
162 102.9
160 42.7



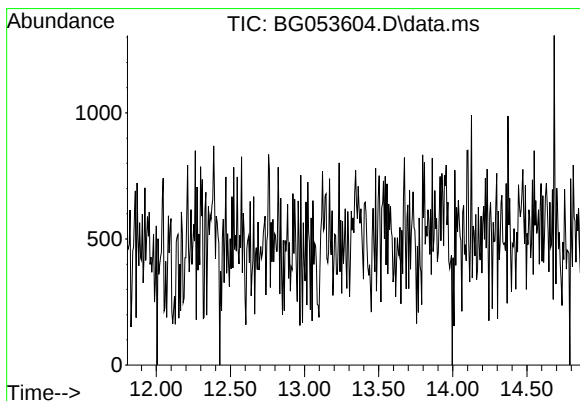
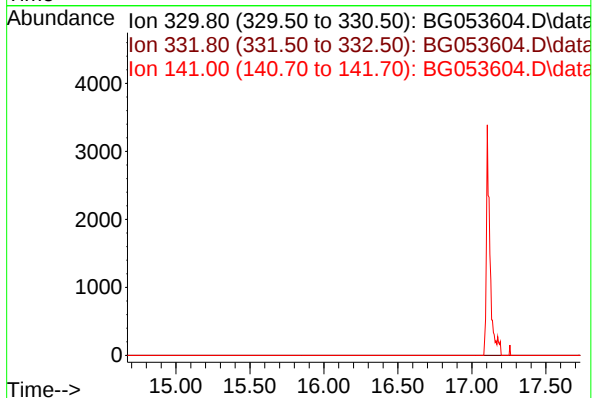


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.20 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 330

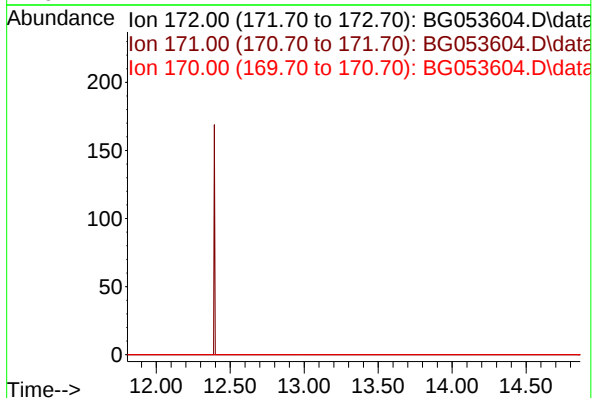
Sig	Exp Ratio
330	100
332	95.0
141	33.9

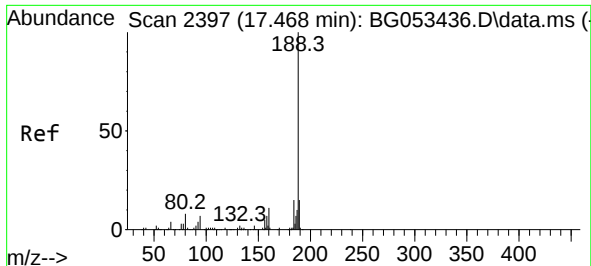


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.34 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.6
170	23.6

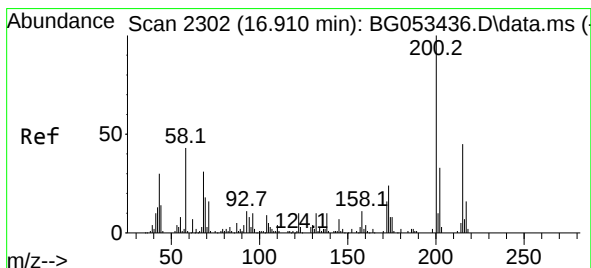
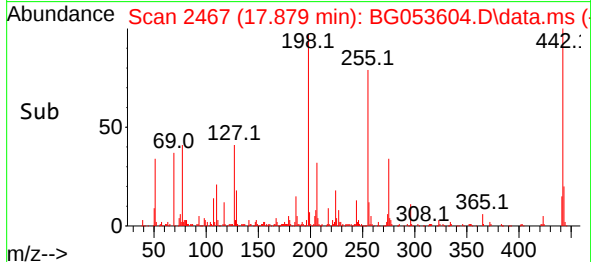
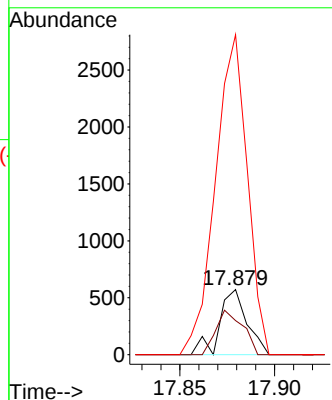
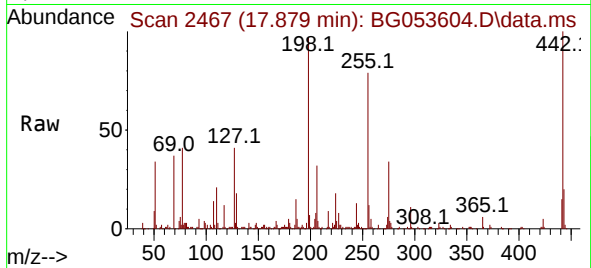




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.879 min Scan# 24
Delta R.T. 0.420 min
Lab File: BG053604.D
Acq: 18 May 2022 14:48

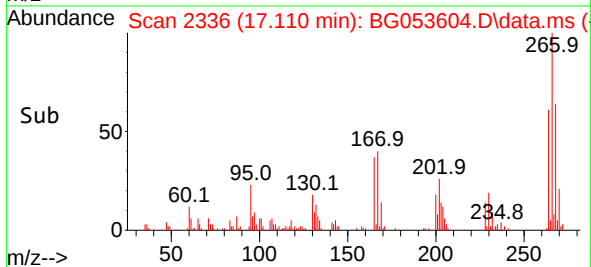
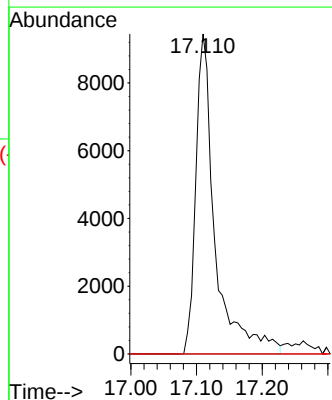
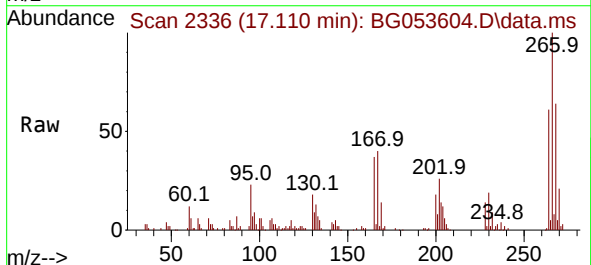
Instrument :
BNA_G
ClientSampleId :
DFTTP

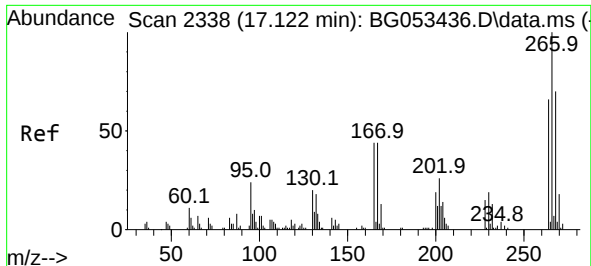
Tgt Ion:188 Resp: 577
Ion Ratio Lower Upper
188 100
94 52.4 5.4 8.0#
80 490.6 6.8 10.2#



#69
Atrazine
Concen: 3023.880 ng
RT: 17.110 min Scan# 2336
Delta R.T. 0.203 min
Lab File: BG053604.D
Acq: 18 May 2022 14:48

Tgt Ion:200 Resp: 19285
Ion Ratio Lower Upper
200 100
173 0.0 3.7 43.7#
215 0.0 25.2 65.2#

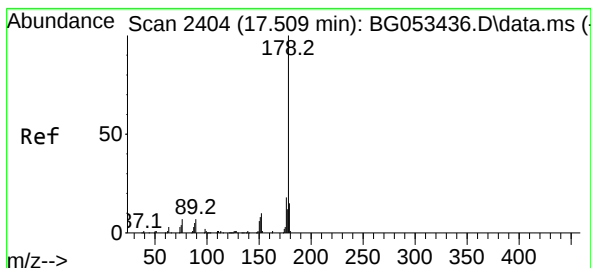
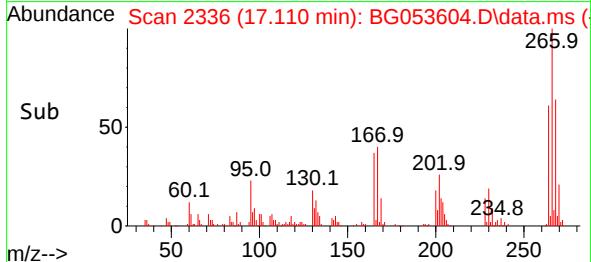
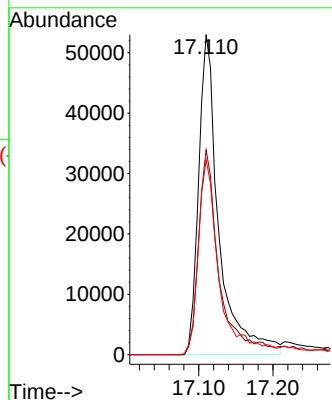
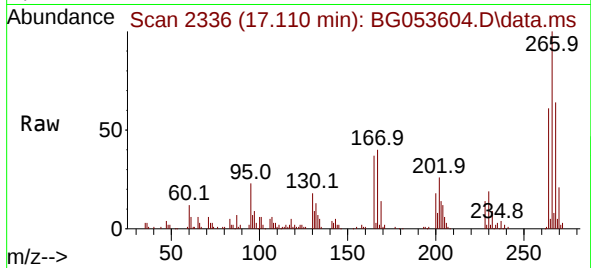




#70
 Pentachlorophenol
 Concen: 23904.578 ng
 RT: 17.110 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

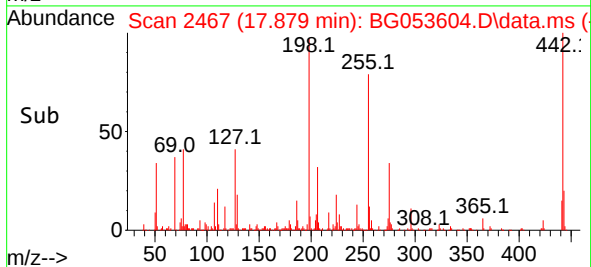
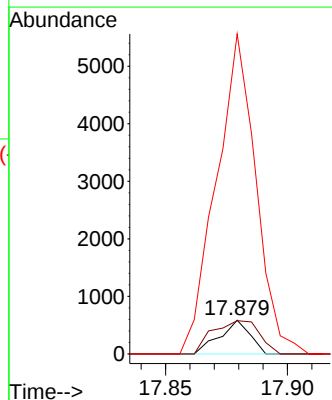
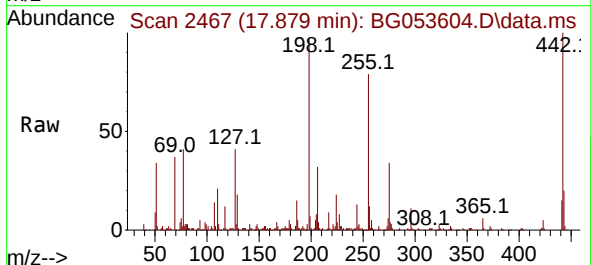
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

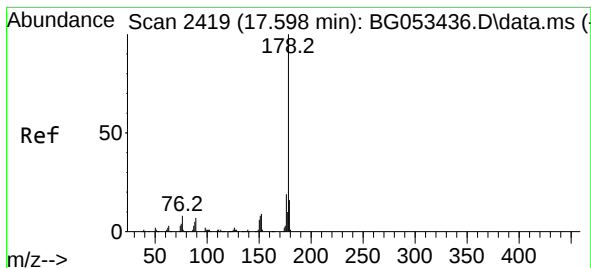
Tgt Ion:266 Resp: 100851
 Ion Ratio Lower Upper
 266 100
 268 64.0 56.2 84.2
 264 60.9 53.0 79.4



#71
 Phenanthrene
 Concen: 17.178 ng
 RT: 17.879 min Scan# 2467
 Delta R.T. 0.379 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

Tgt Ion:178 Resp: 504
 Ion Ratio Lower Upper
 178 100
 176 98.5 14.1 21.1#
 179 947.4 12.1 18.1#





#72

Anthracene

Concen: 17.477 ng

RT: 17.879 min Scan# 2419

Delta R.T. 0.285 min

Lab File: BG053604.D

Acq: 18 May 2022 14:48

Instrument :

BNA_G

ClientSampleId :

DFTPP

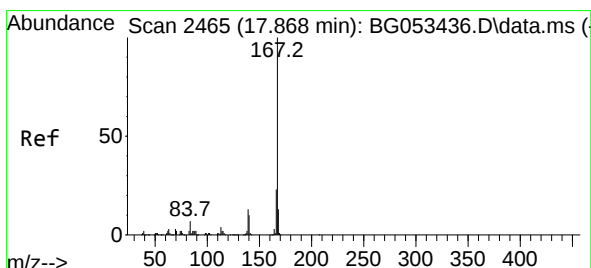
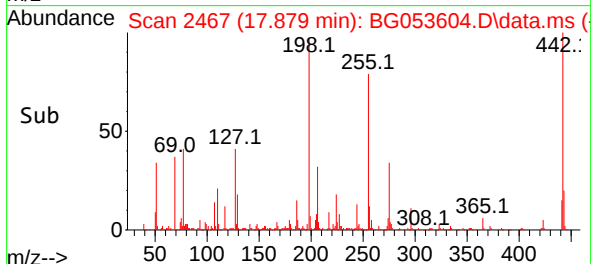
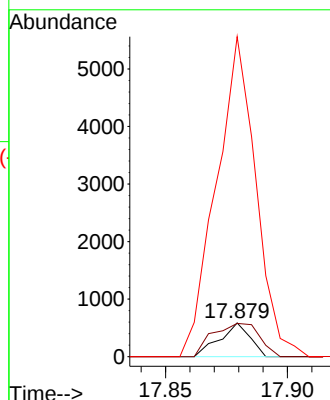
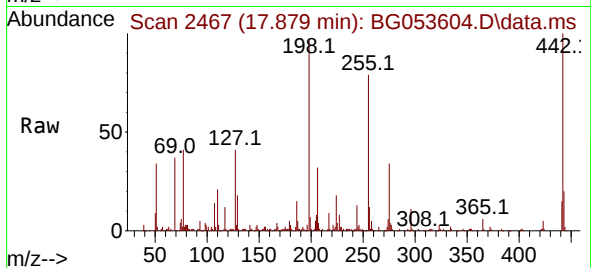
Tgt Ion:178 Resp: 504

Ion Ratio Lower Upper

178 100

176 98.5 15.2 22.8#

179 947.4 13.0 19.4#



#73

Carbazole

Concen: 227.683 ng

RT: 17.874 min Scan# 2466

Delta R.T. 0.015 min

Lab File: BG053604.D

Acq: 18 May 2022 14:48

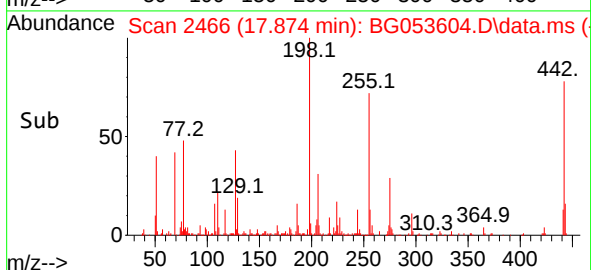
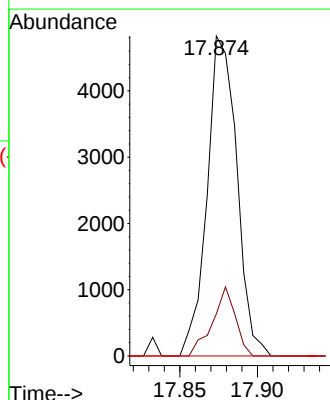
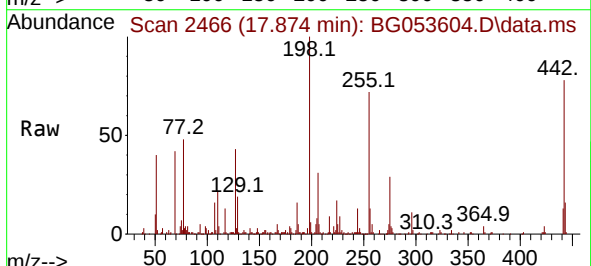
Tgt Ion:167 Resp: 6435

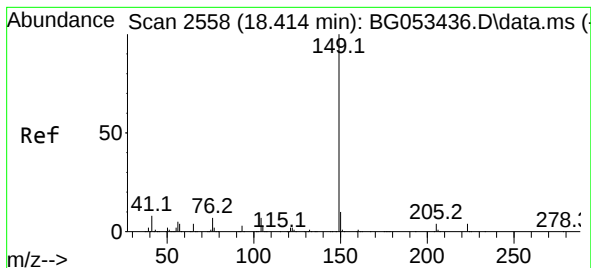
Ion Ratio Lower Upper

167 100

166 13.1 18.2 27.2#

139 0.0 10.1 15.1#





#74

Di-n-butylphthalate

Concen: 8.840 ng

RT: 18.396 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053604.D

Acq: 18 May 2022 14:48

Instrument :

BNA_G

ClientSampleId :

DFTPP

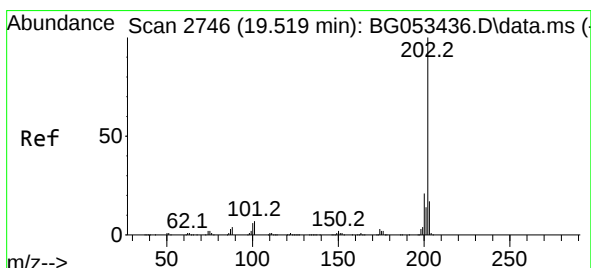
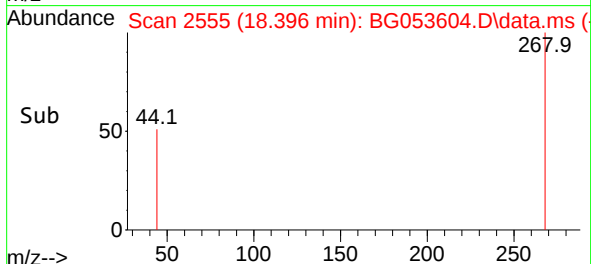
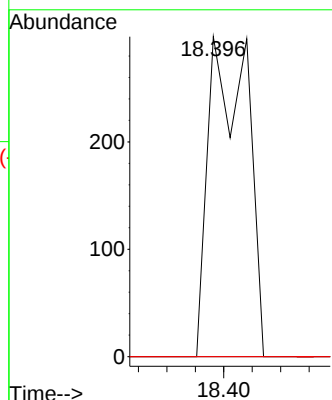
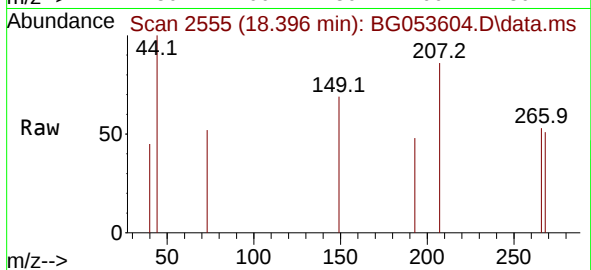
Tgt Ion:149 Resp: 281

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 5.4 8.0#



#75

Fluoranthene

Concen: 3.185 ng

RT: 19.871 min Scan# 2806

Delta R.T. 0.362 min

Lab File: BG053604.D

Acq: 18 May 2022 14:48

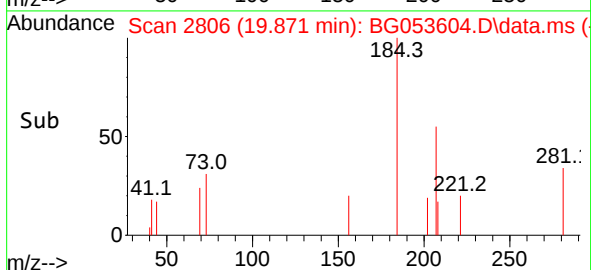
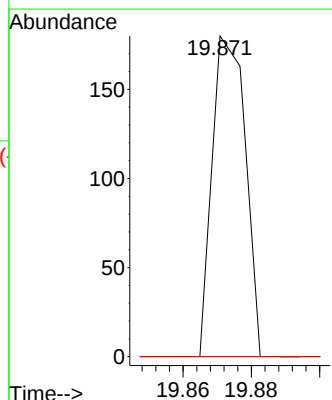
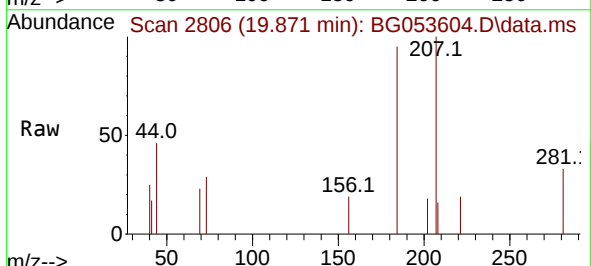
Tgt Ion:202 Resp: 121

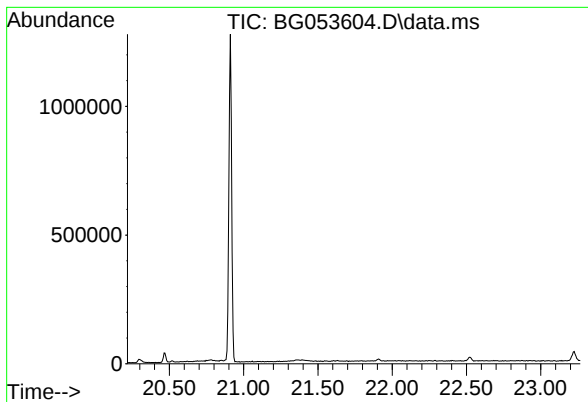
Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.9

203 0.0 0.0 37.2

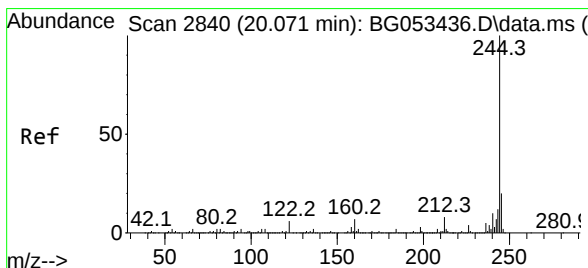
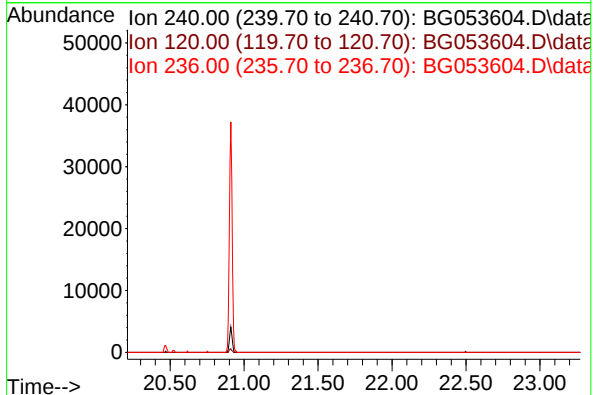




#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.74 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

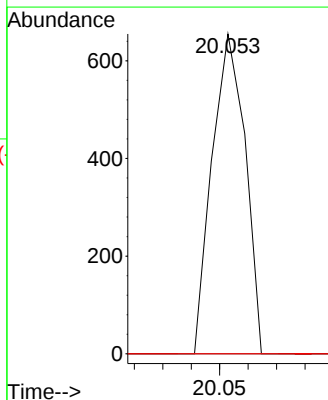
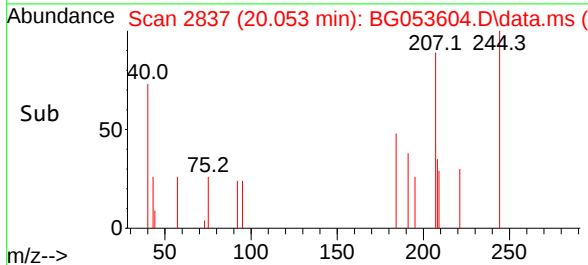
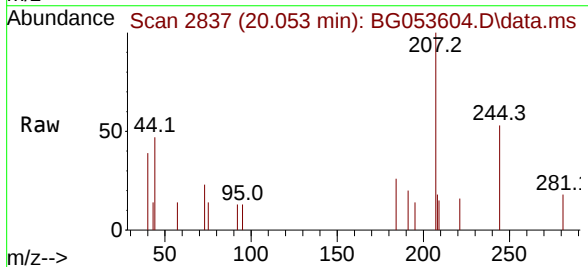
Instrument :
 BNA_G
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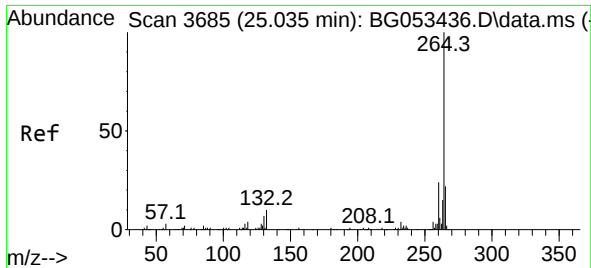
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 5.8
 236 25.3



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 20.053 min Scan# 2837
 Delta R.T. -0.009 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

Tgt Ion: 244 Resp: 529
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.5 9.7#
 122 0.0 5.0 7.4#

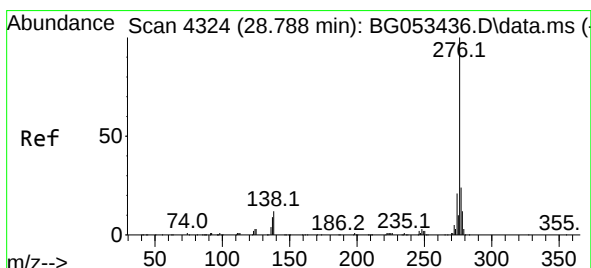
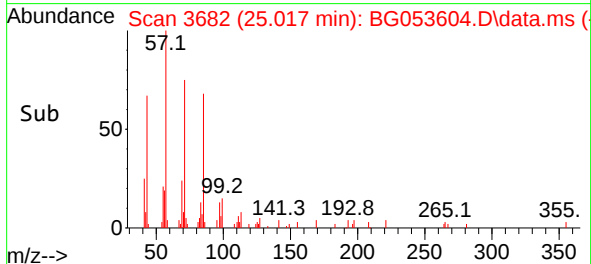
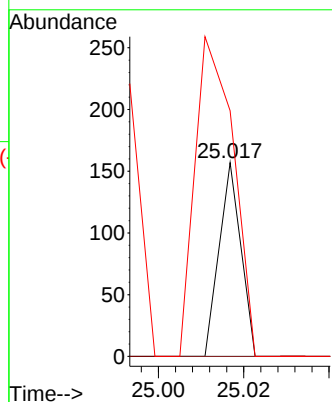
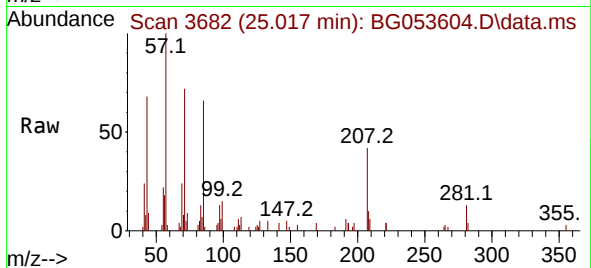




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.017 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

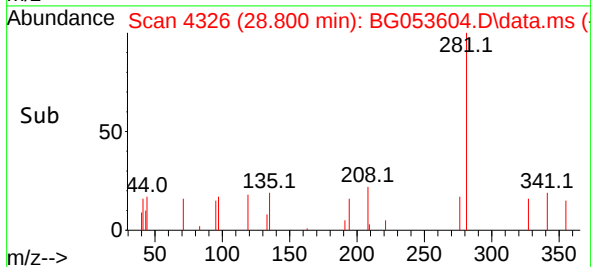
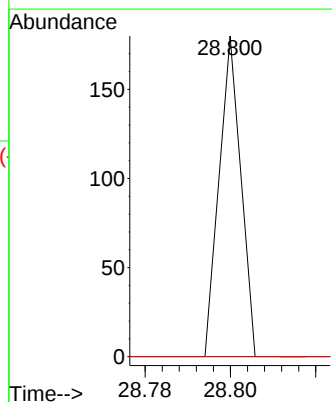
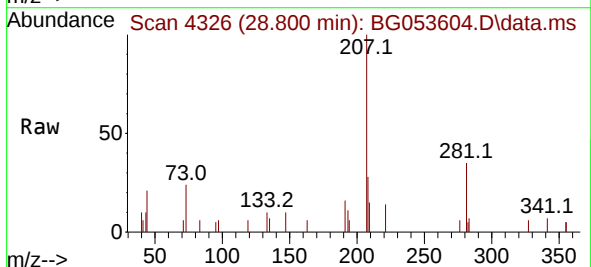
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

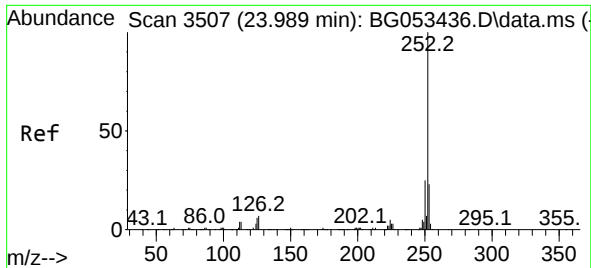
Tgt Ion:264 Resp: 55
 Ion Ratio Lower Upper
 264 100
 260 0.0 19.0 28.6#
 265 126.8 17.4 26.2#



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 16.446 ng
 RT: 28.800 min Scan# 4326
 Delta R.T. 0.021 min
 Lab File: BG053604.D
 Acq: 18 May 2022 14:48

Tgt Ion:276 Resp: 63
 Ion Ratio Lower Upper
 276 100
 138 0.0 5.0 7.4#
 277 0.0 20.3 30.5#

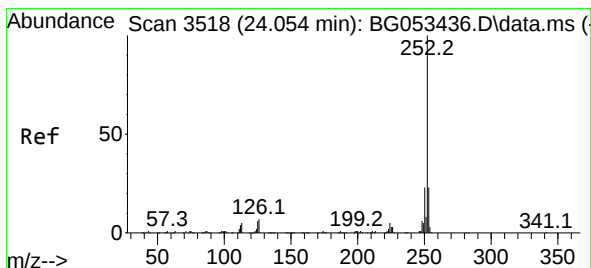
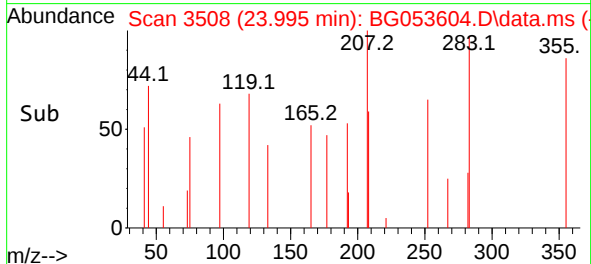
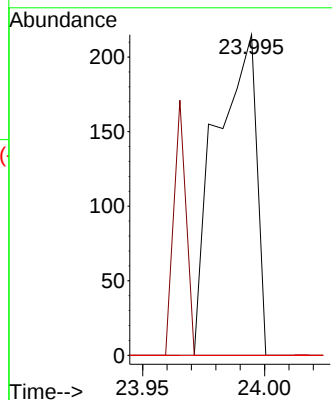
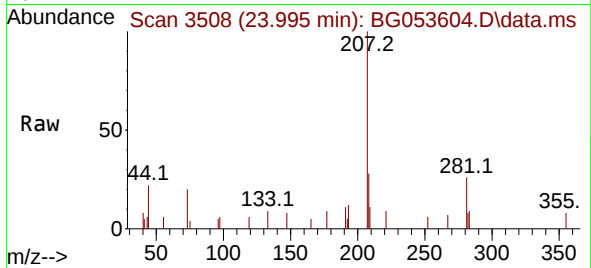




#88
Benzo(b)fluoranthene
Concen: 75.871 ng
RT: 23.995 min Scan# 3508
Delta R.T. 0.015 min
Lab File: BG053604.D
Acq: 18 May 2022 14:48

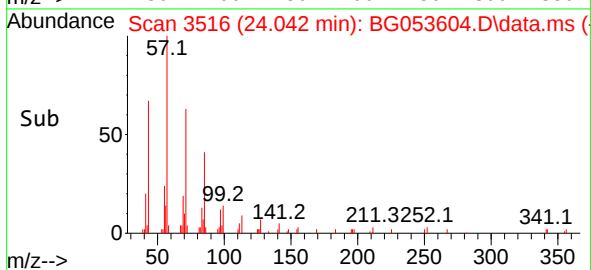
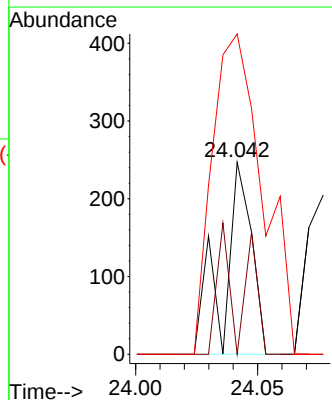
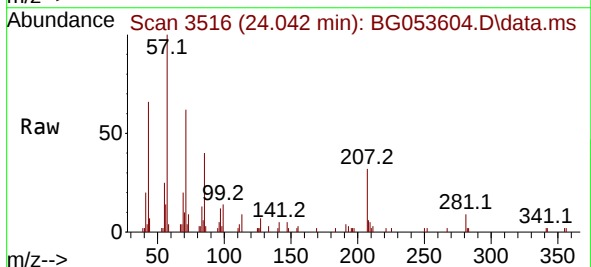
Instrument :
BNA_G
ClientSampleId :
DFTPP

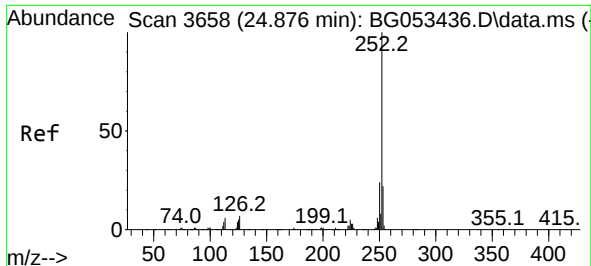
Tgt Ion:252 Resp: 247
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 0.0 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 61.267 ng
RT: 24.042 min Scan# 3516
Delta R.T. -0.003 min
Lab File: BG053604.D
Acq: 18 May 2022 14:48

Tgt Ion:252 Resp: 196
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 166.8 4.8 7.2#

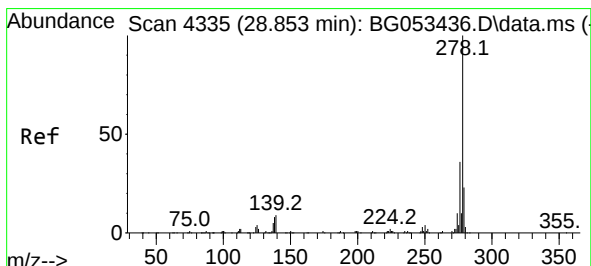
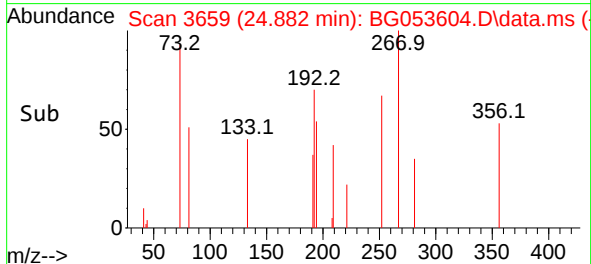
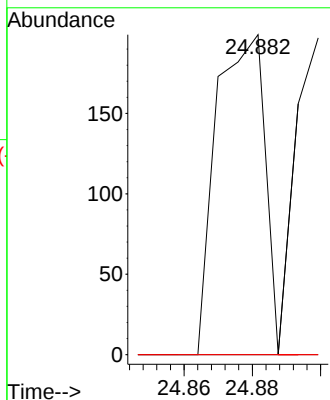
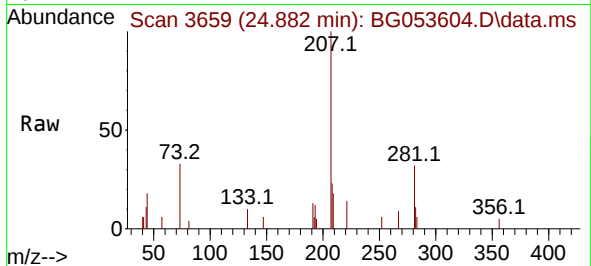




#90
Benzo(a)pyrene
Concen: 70.373 ng
RT: 24.882 min Scan# 3659
Delta R.T. 0.015 min
Lab File: BG053604.D
Acq: 18 May 2022 14:48

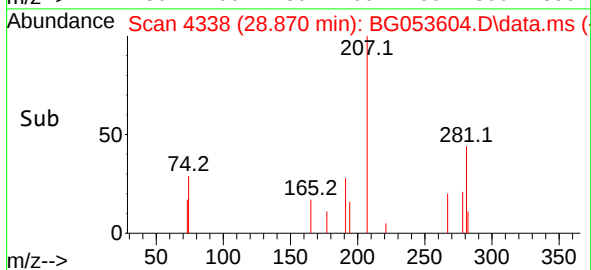
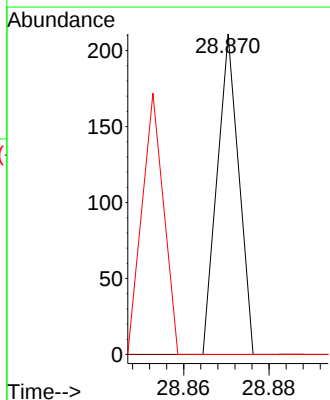
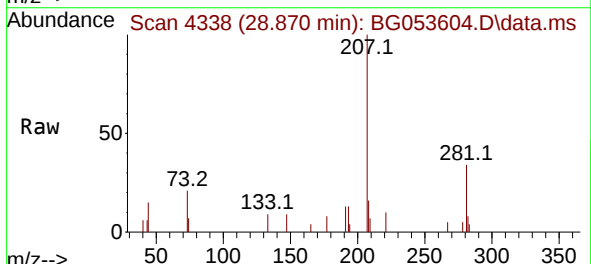
Instrument :
BNA_G
ClientSampleId :
DFTPP

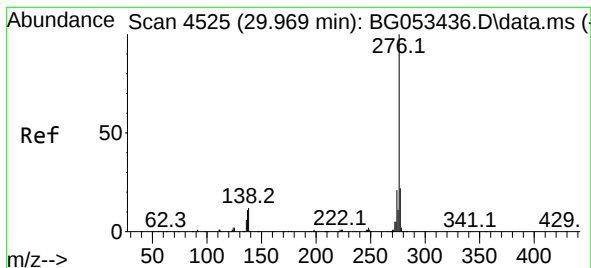
Tgt Ion:252 Resp: 195
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 4.3 6.5#



#91
Dibenzo(a,h)anthracene
Concen: 23.444 ng
RT: 28.870 min Scan# 4338
Delta R.T. 0.033 min
Lab File: BG053604.D
Acq: 18 May 2022 14:48

Tgt Ion:278 Resp: 74
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: 19.816 ng

RT: 29.998 min Scan# 4

Delta R.T. 0.044 min

Lab File: BG053604.D

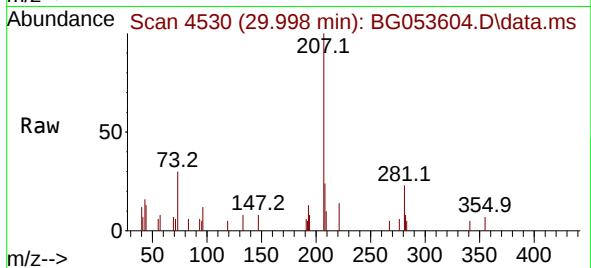
Acq: 18 May 2022 14:48

Instrument :

BNA_G

ClientSampleId :

DFTPP



Tgt Ion:276 Resp: 62

Ion Ratio Lower Upper

276 100

277 0.0 17.3 25.9#

138 0.0 9.6 14.4#

