

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061316\
 Data File : BG022320.D
 Acq On : 13 Jun 2016 10:08
 Operator : UM/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jun 13 17:57:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

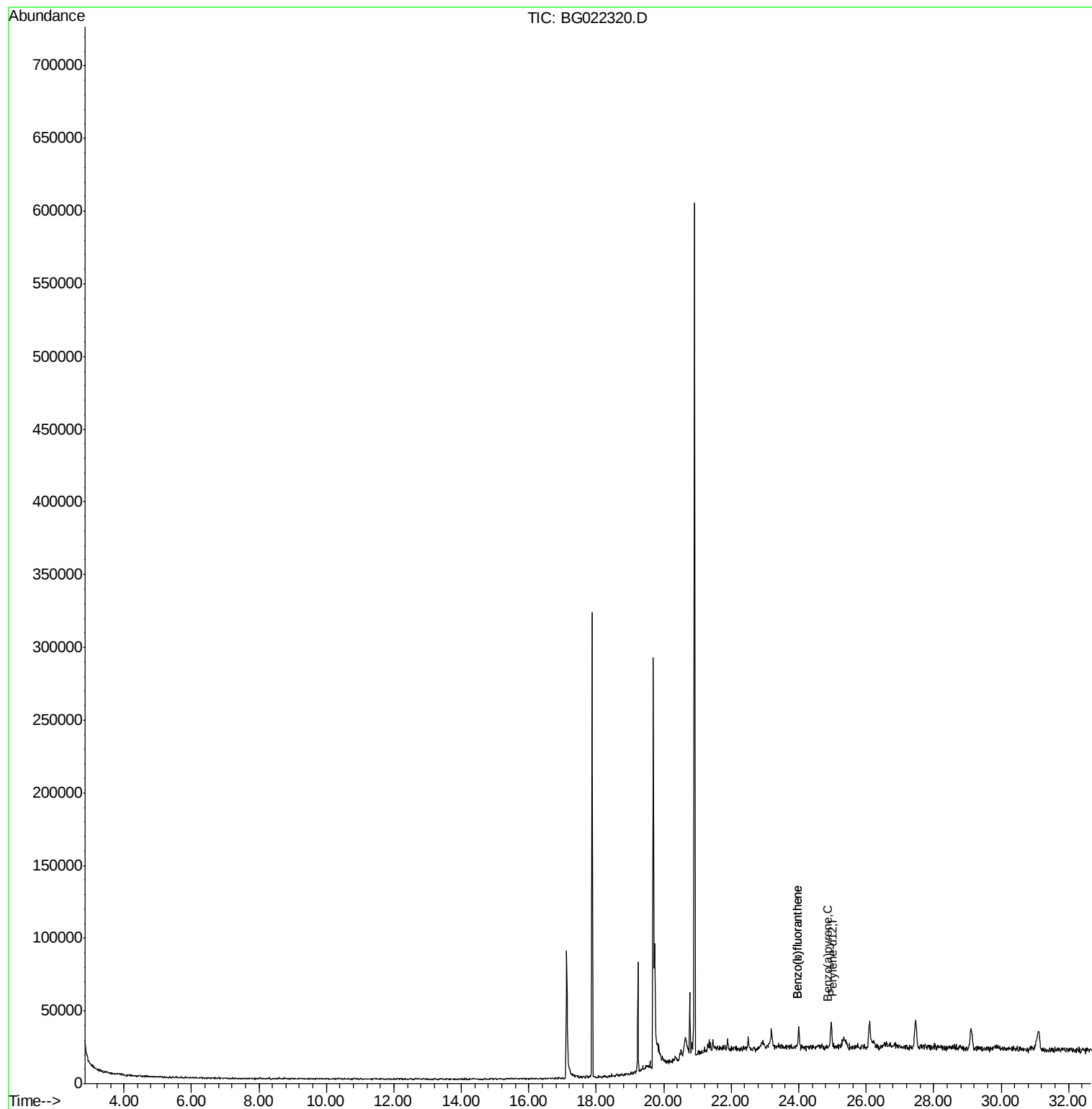
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.09
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.90
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.72
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.47
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.74
86) Perylene-d12	25.00	264	63	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	20.06	244	191	0.00	ng	0.00
Target Compounds						
87) Benzo(b)fluoranthene	23.96	252	55	14.97	ng	# 1
88) Benzo(k)fluoranthene	23.96	252	55	15.21	ng	# 1
89) Benzo(a)pyrene	24.88	252	55	15.66	ng	# 60

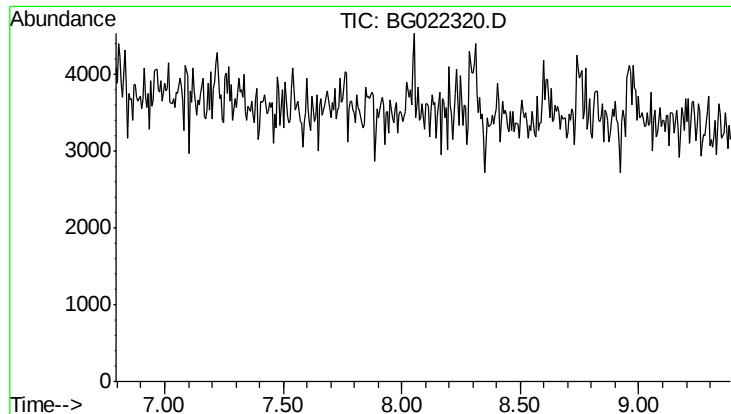
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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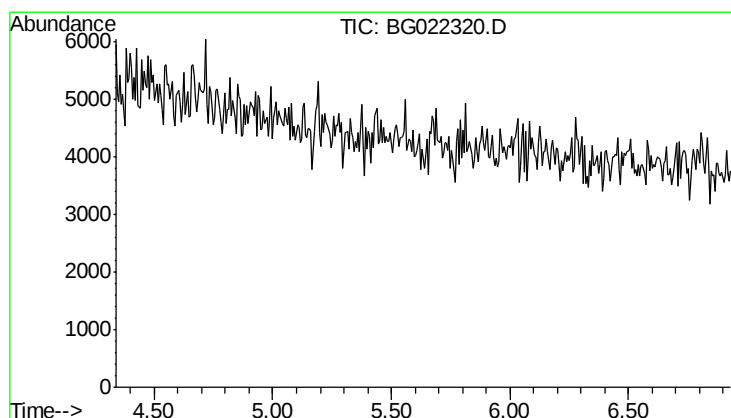
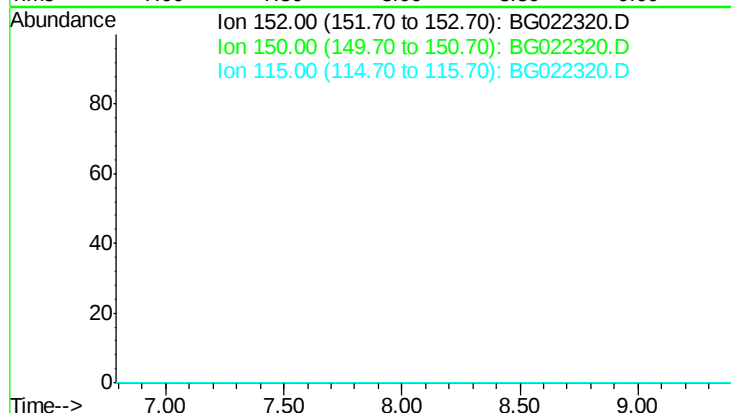




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 8.09 min
 Lab File: BG022320.D
 Acq: 13 Jun 2016 10:08

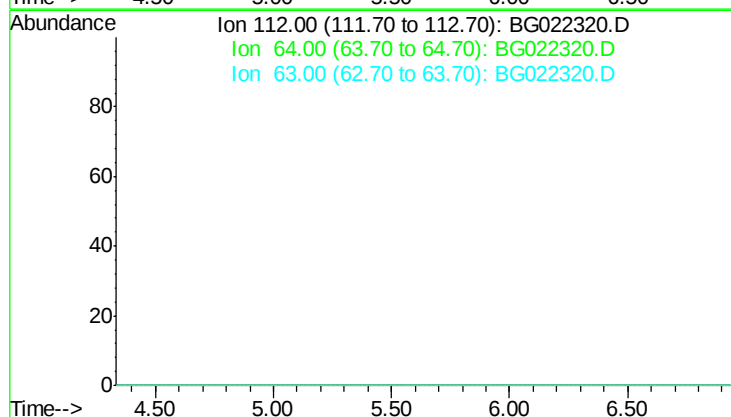
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

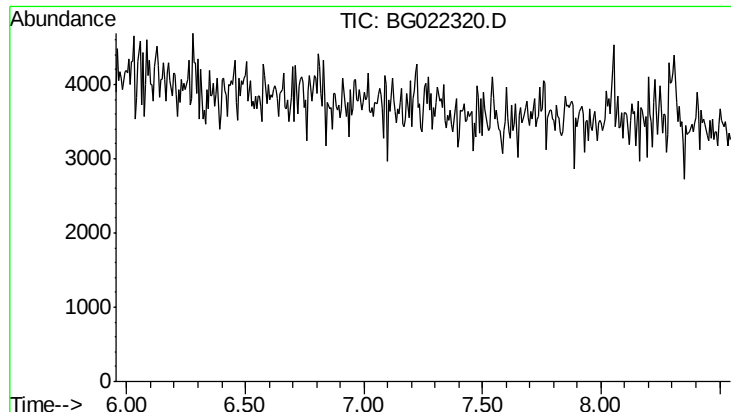
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 162.6
 115 77.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.63 min
 Lab File: BG022320.D
 Acq: 13 Jun 2016 10:08

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 63.9
 63 30.8





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.25 min

Lab File: BG022320.D

Acq: 13 Jun 2016 10:08

Instrument :

BNA_G

ClientSampleId :

DFTPP

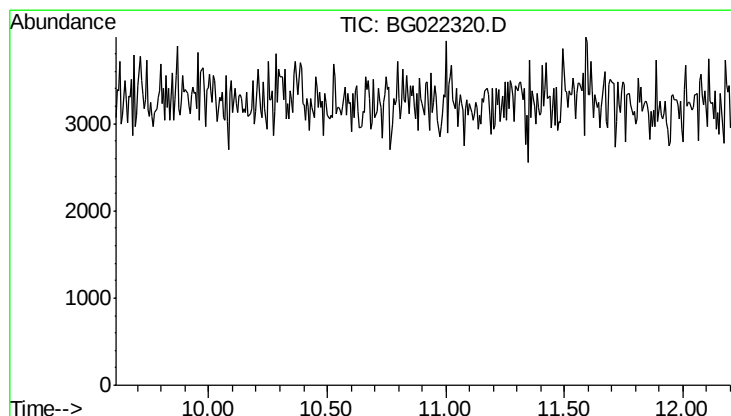
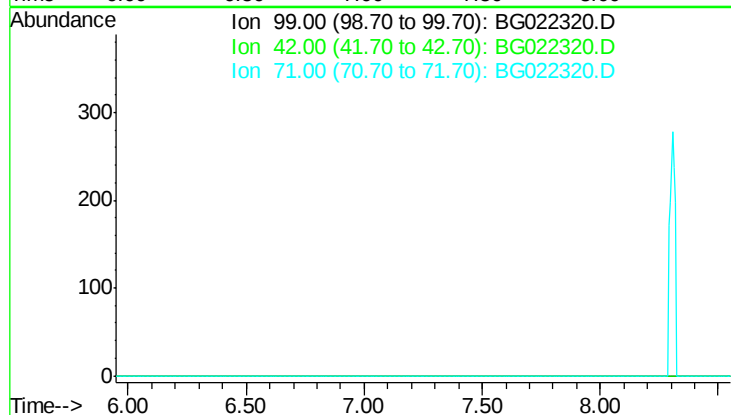
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.5
71	31.2

99 100

42 20.5

71 31.2



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.90 min

Lab File: BG022320.D

Acq: 13 Jun 2016 10:08

Tgt Ion: 136

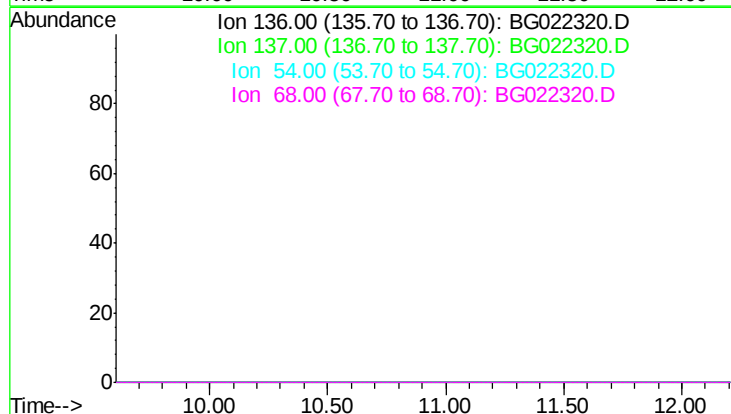
Sig	Exp Ratio
136	100
137	11.2
54	12.0
68	8.0

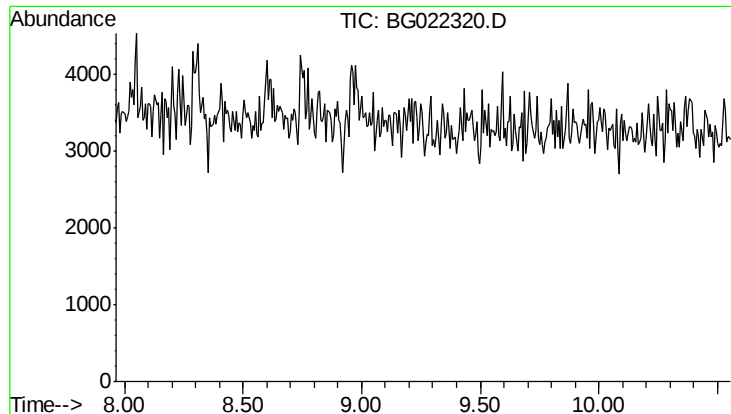
136 100

137 11.2

54 12.0

68 8.0

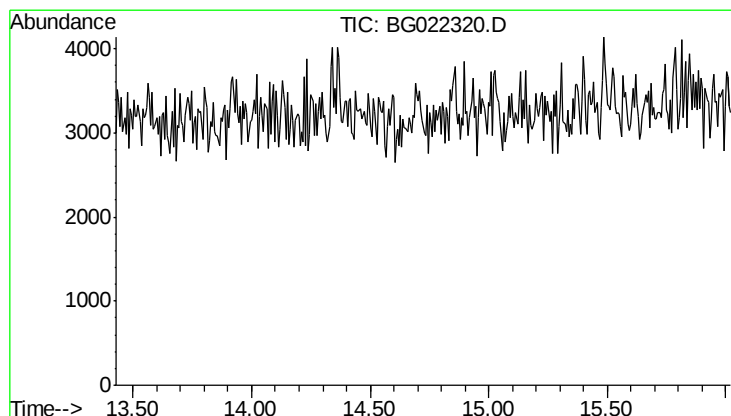
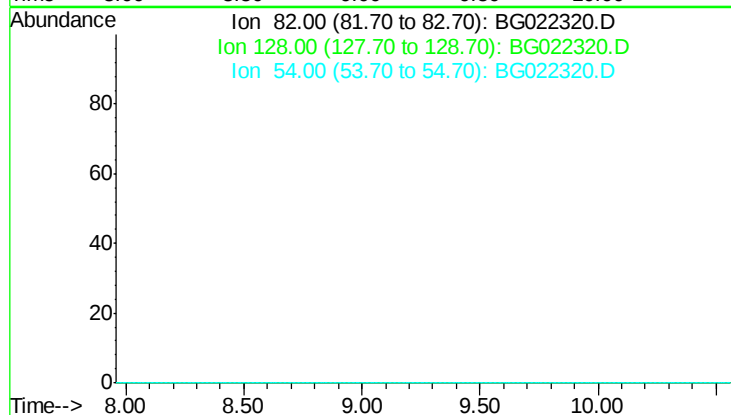




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 9.26 min
 Lab File: BG022320.D
 Acq: 13 Jun 2016 10:08

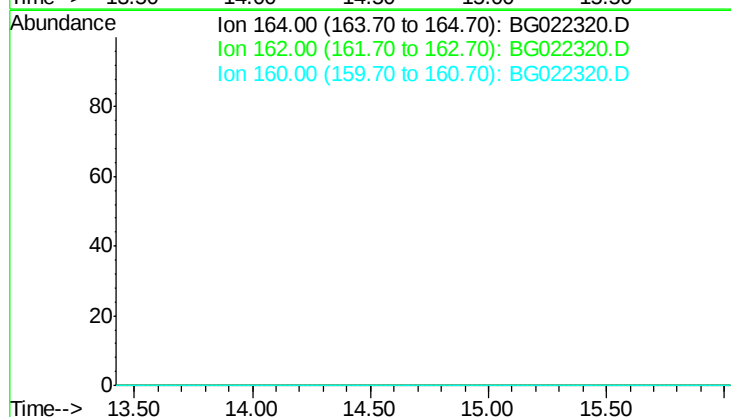
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

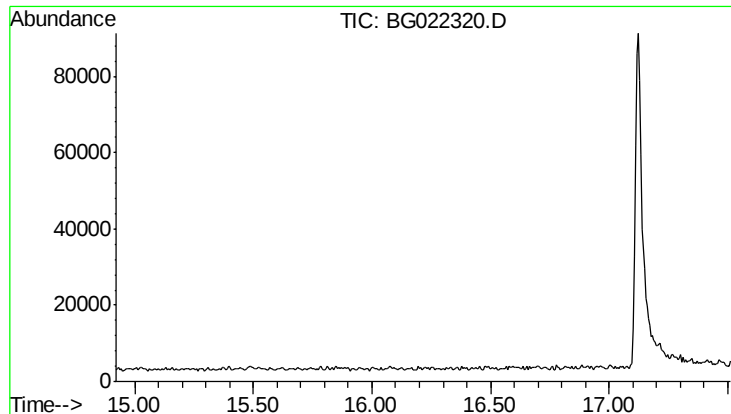
Tgt Ion	Exp Ratio
82	100
128	41.7
54	57.6



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.72 min
 Lab File: BG022320.D
 Acq: 13 Jun 2016 10:08

Tgt Ion	Exp Ratio
164	100
162	97.5
160	41.1

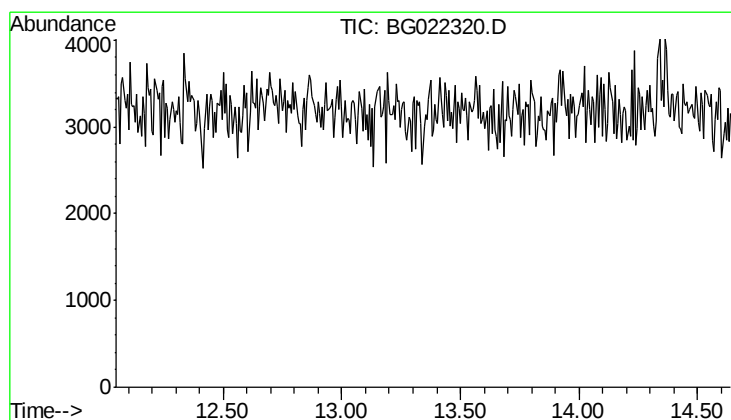
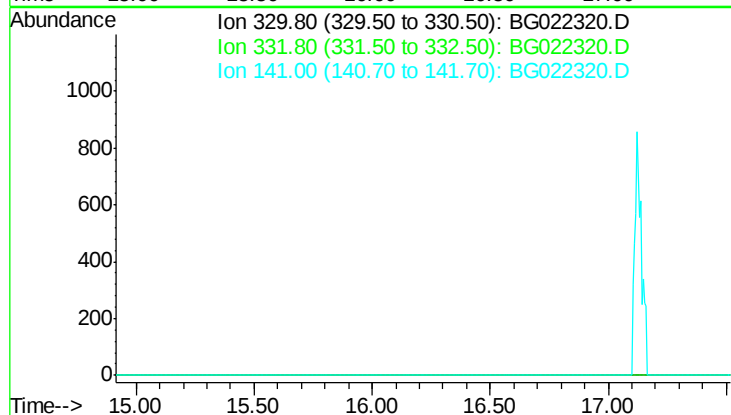




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.22 min
 Lab File: BG022320.D
 Acq: 13 Jun 2016 10:08

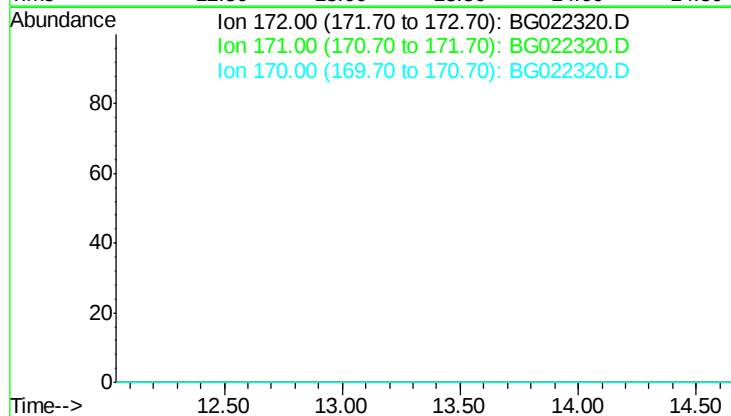
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

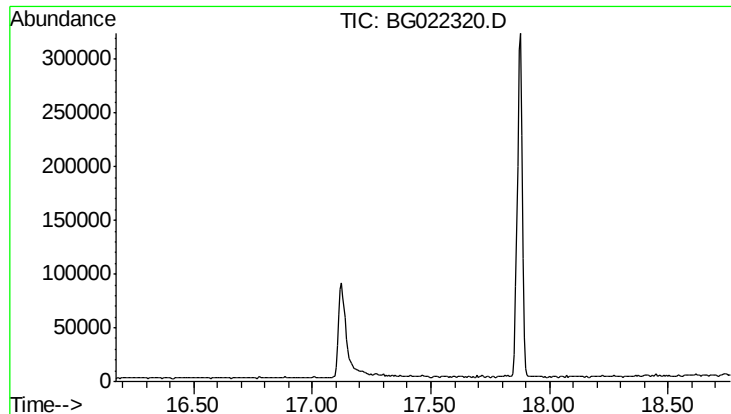
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.5
 141 42.3



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 13.34 min
 Lab File: BG022320.D
 Acq: 13 Jun 2016 10:08

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 34.7
 170 24.5



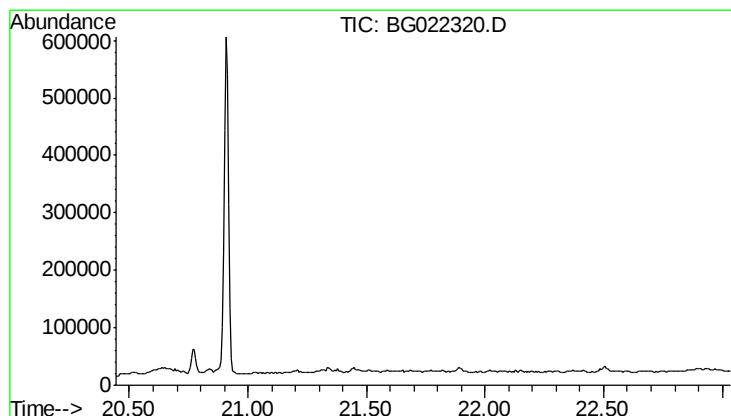
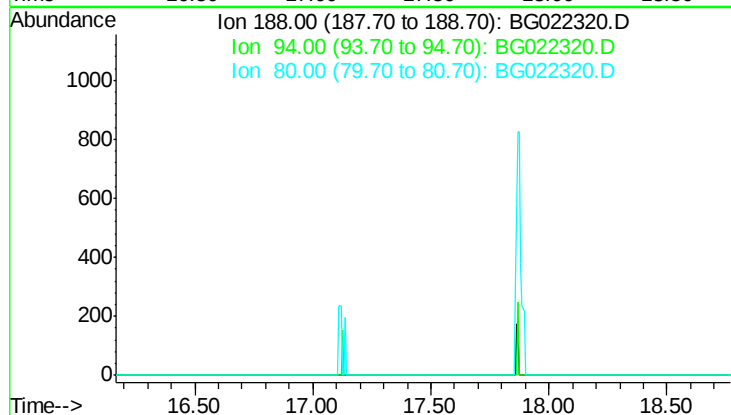


#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 17.47 min
 Lab File: BG022320.D
 Acq: 13 Jun 2016 10:08

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 188

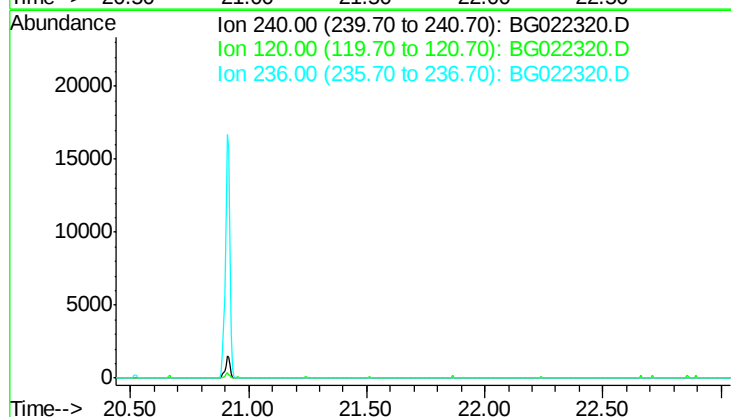
Sig	Exp Ratio
188	100
94	9.4
80	10.8

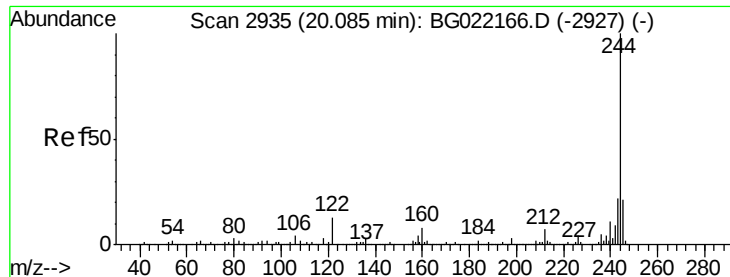


#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 21.74 min
 Lab File: BG022320.D
 Acq: 13 Jun 2016 10:08

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	10.5
236	24.5





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 20.06 min Scan# 2930

Delta R.T. -0.00 min

Lab File: BG022320.D

Acq: 13 Jun 2016 10:08

Instrument :

BNA_G

ClientSampleId :

DFTPP

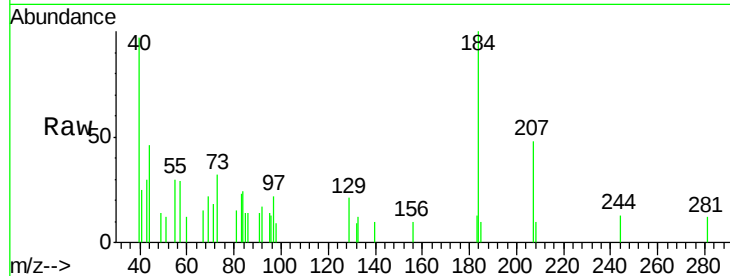
Tgt Ion:244 Resp: 191

Ion Ratio Lower Upper

244 100

212 0.0 6.5 9.7#

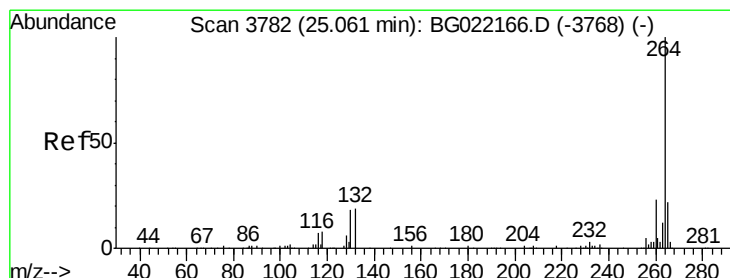
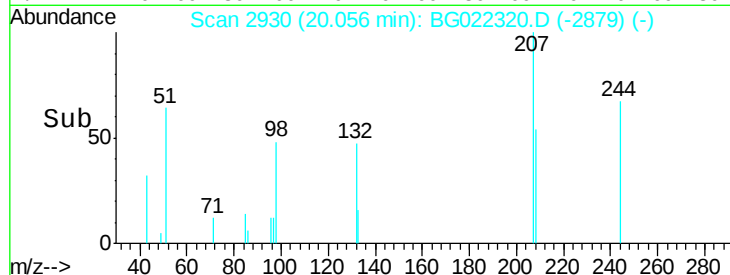
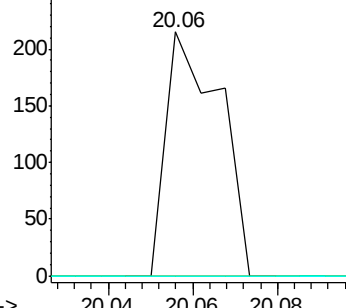
122 0.0 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BG022320.D

Acq: 13 Jun 2016 10:08

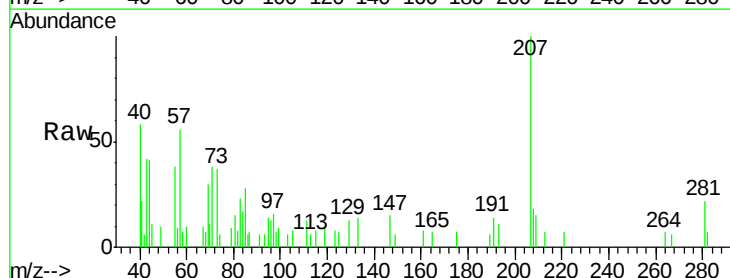
Tgt Ion:264 Resp: 63

Ion Ratio Lower Upper

264 100

260 0.0 20.2 30.4#

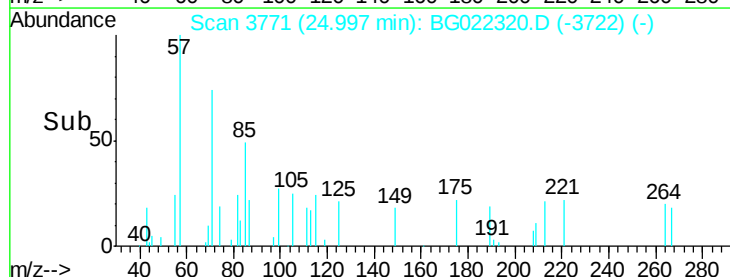
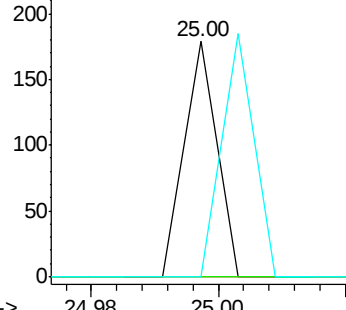
265 0.0 17.8 26.8#

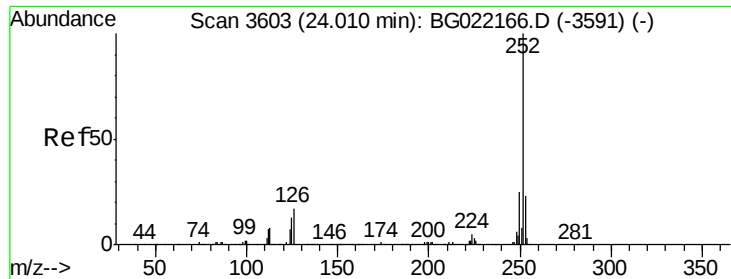


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 14.97 ng

RT: 23.96 min Scan# 3595

Delta R.T. -0.00 min

Lab File: BG022320.D

Acq: 13 Jun 2016 10:08

Instrument :

BNA_G

ClientSampleId :

DFTPP

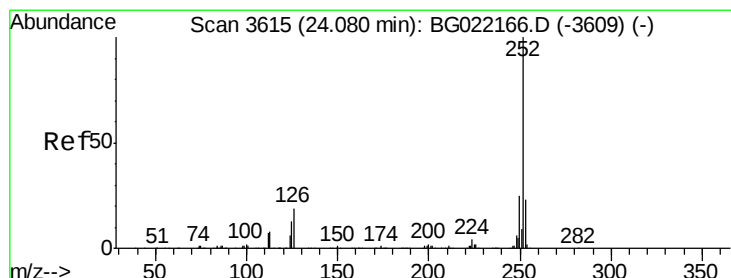
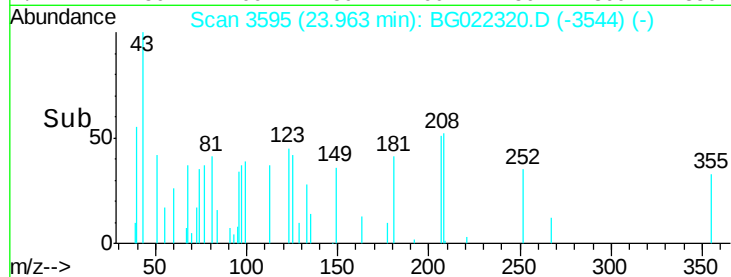
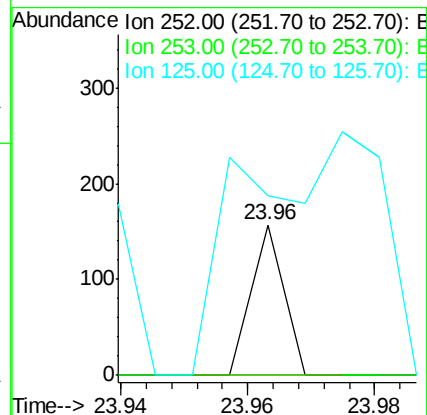
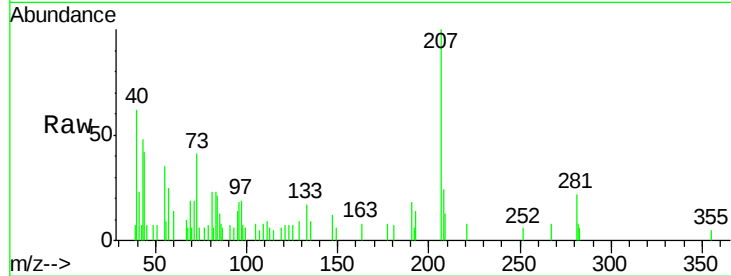
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 119.7 8.6 13.0#



#88

Benzo(k)fluoranthene

Concen: 15.21 ng

RT: 23.96 min Scan# 3595

Delta R.T. -0.08 min

Lab File: BG022320.D

Acq: 13 Jun 2016 10:08

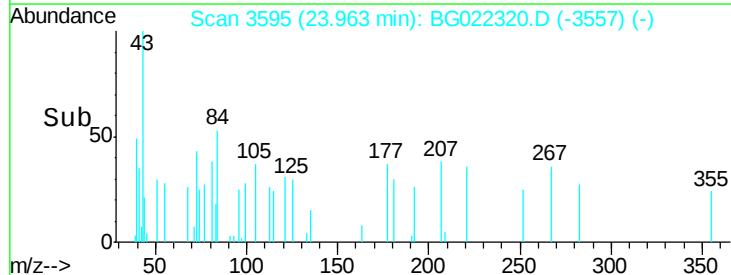
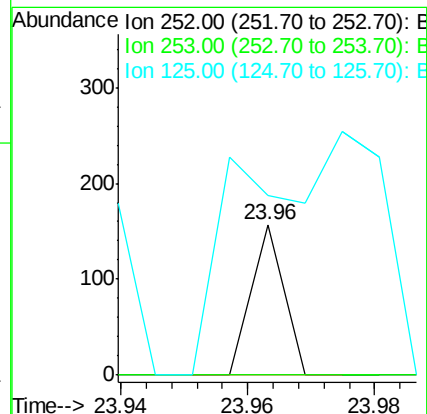
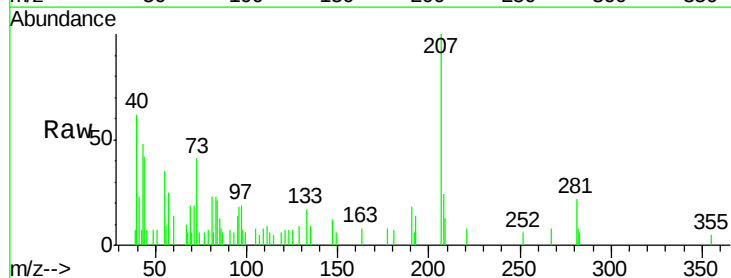
Tgt Ion:252 Resp: 55

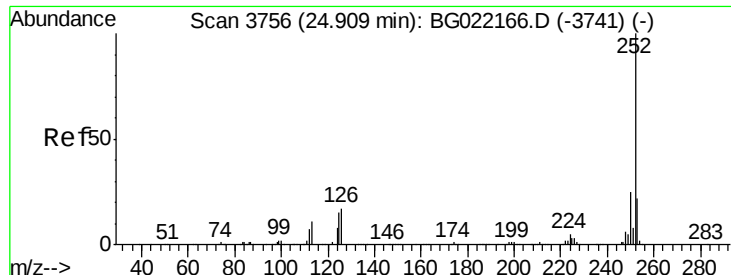
Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 119.7 8.3 12.5#





#89

Benzo(a)pyrene

Concen: 15.66 ng

RT: 24.88 min Scan# 3751

Delta R.T. 0.02 min

Lab File: BG022320.D

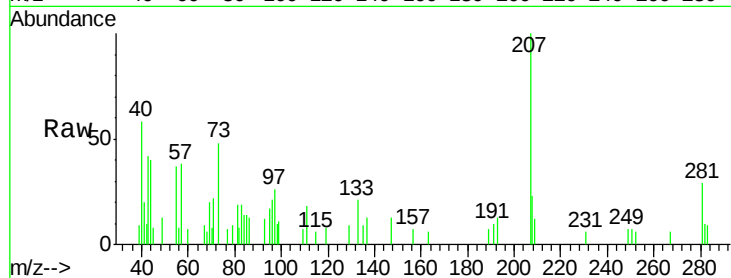
Acq: 13 Jun 2016 10:08

Instrument :

BNA_G

ClientSampleId :

DFTPP



Tgt Ion:	252	Resp:	55
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.1	25.7#
125	0.0	9.6	14.4#

