

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021690.D
 Acq On : 15 Apr 2016 18:01
 Operator : UM/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Apr 18 01:10:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

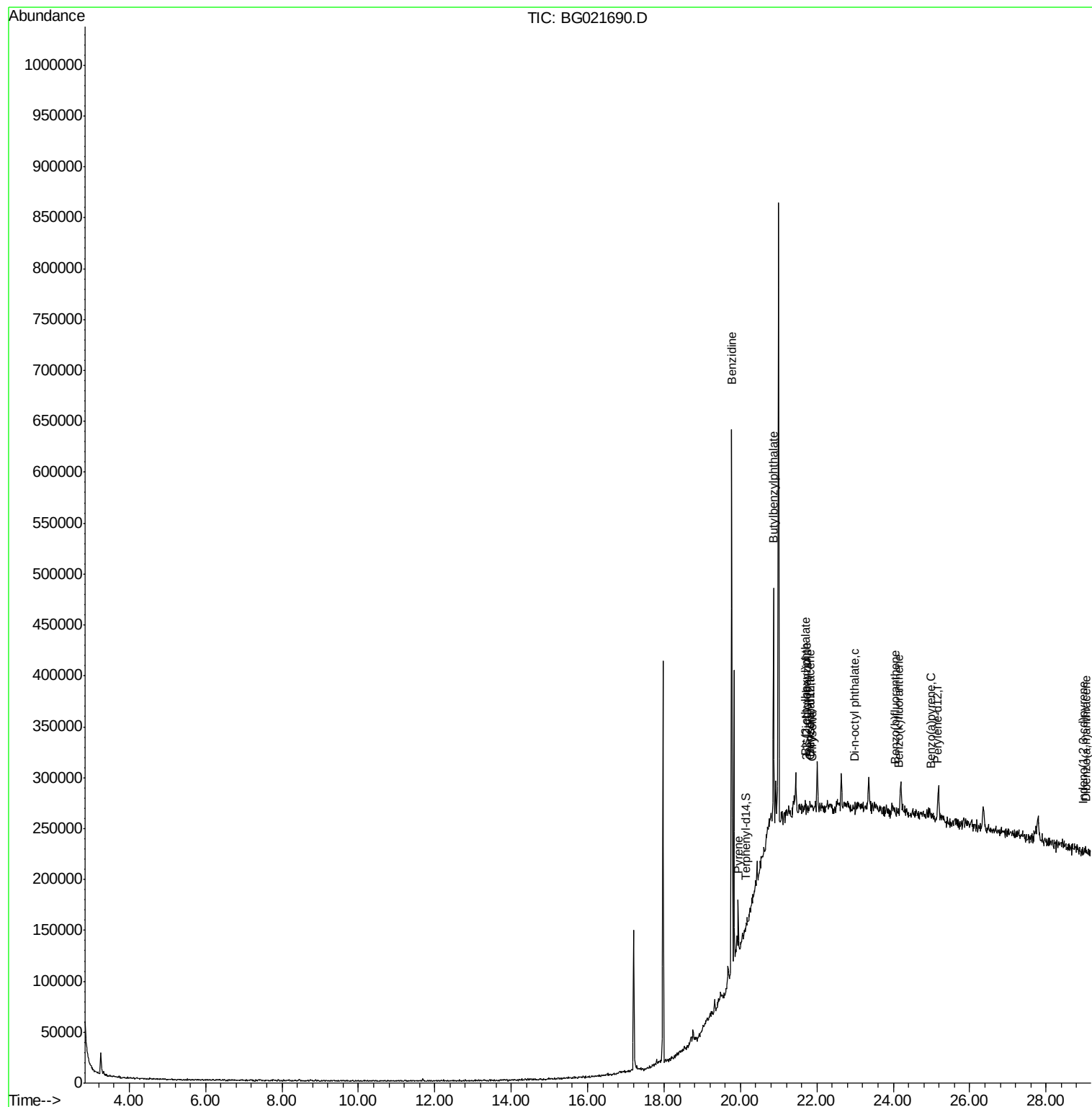
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.22
21) Naphthalene-d8	0.00	136	0	0.00	ng	-11.04
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.83
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.56
75) Chrysene-d12	21.84	240	195	20.00	ng	0.00
86) Perylene-d12	25.15	264	329	20.00	ng	-0.02
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	20.14	244	117	14.97	ng	-0.01
Target Compounds						
76) Benzidine	19.77	184	315502	51965.21	ng	Qvalue 97
77) Pyrene	19.95	202	198	17.61	ng	# 1
79) Butylbenzylphthalate	20.86	149	481	92.16	ng	92
80) Benzo(a)anthracene	21.83	228	45	4.01	ng	# 1
81) 3,3'-Dichlorobenzidine	21.73	252	322	36.25	ng	# 27
82) Chrysene	21.87	228	120	11.13	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.70	149	588	77.02	ng	# 42
84) Di-n-octyl phthalate	22.97	149	1003	78.43	ng	# 14
85) Indeno(1,2,3-cd)pyrene	28.98	276	332	25.90	ng	# 37
87) Benzo(b)fluoranthene	24.06	252	508	26.61	ng	# 1
88) Benzo(k)fluoranthene	24.15	252	236	12.64	ng	# 1
89) Benzo(a)pyrene	25.01	252	477	25.79	ng	# 1
90) Dibenzo(a,h)anthracene	29.05	278	429	23.13	ng	# 1

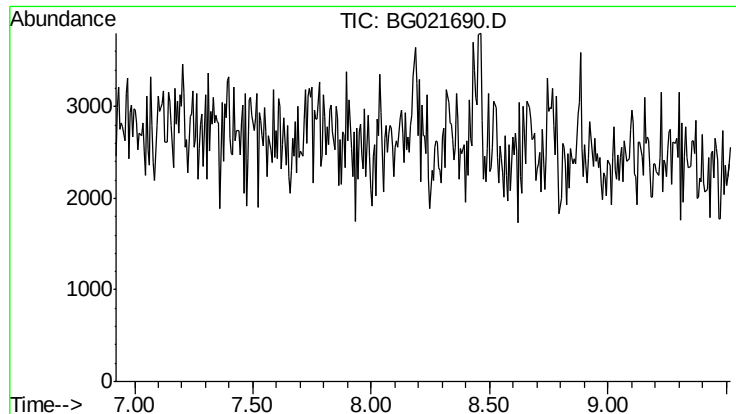
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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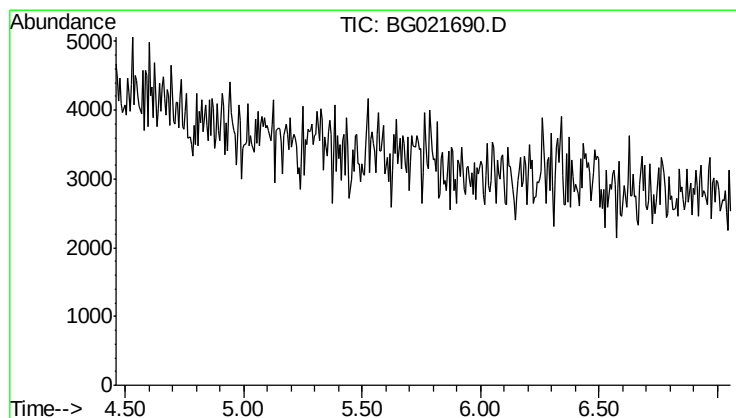
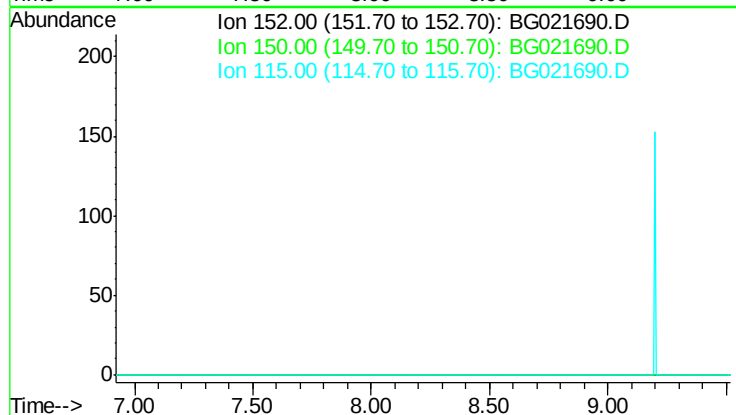




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 8.22 min
 Lab File: BG021690.D
 Acq: 15 Apr 2016 18:01

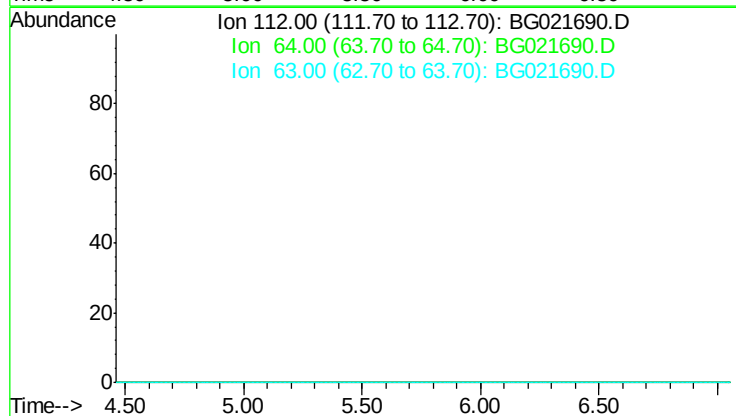
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

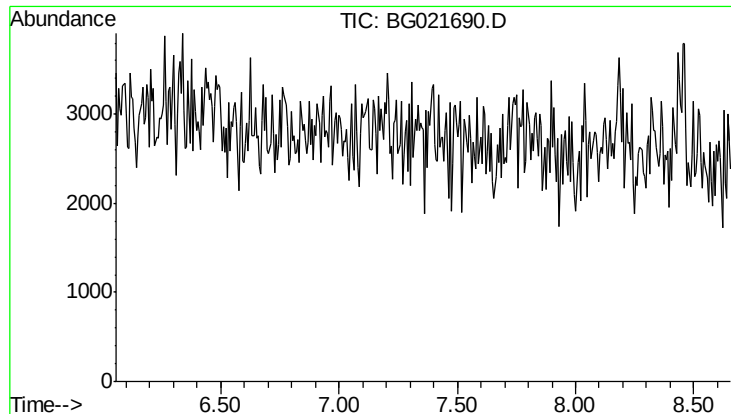
Tgt Ion	Sig	Exp Ratio
152	100	
150	162.6	
115	77.7	



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.76 min
 Lab File: BG021690.D
 Acq: 15 Apr 2016 18:01

Tgt Ion	Sig	Exp Ratio
112	100	
64	63.9	
63	30.8	





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.36 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Instrument :

BNA_G

ClientSampleId :

DFTPP

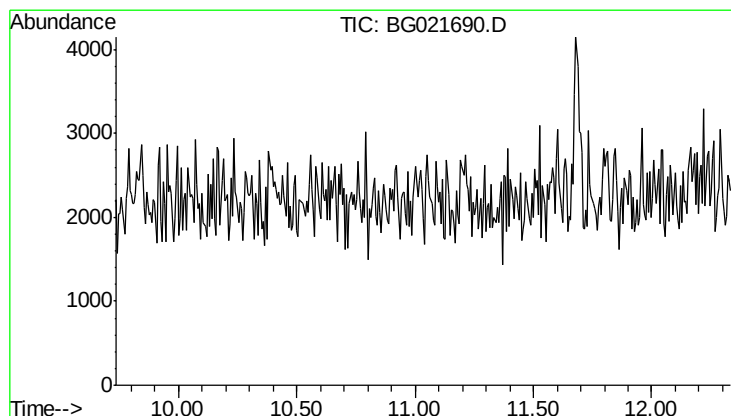
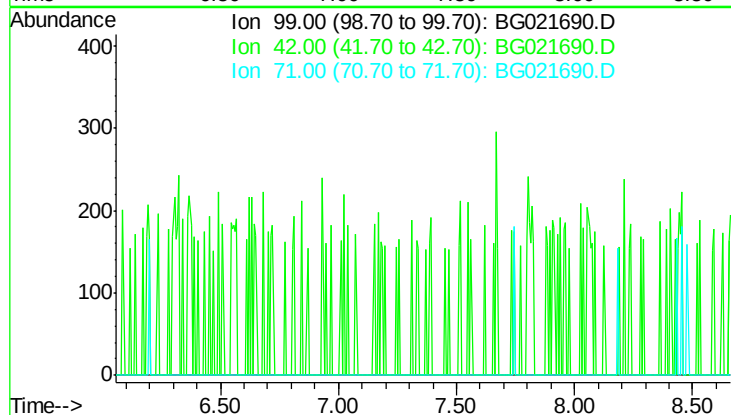
Tgt Ion: 99

Sig Exp Ratio

99 100

42 20.5

71 31.2



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 11.04 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Tgt Ion: 136

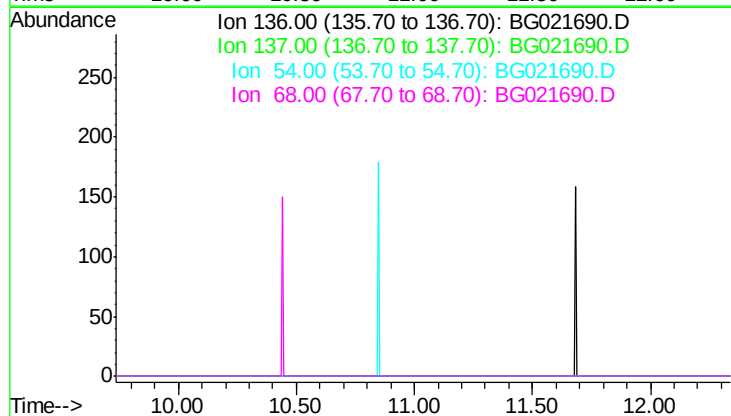
Sig Exp Ratio

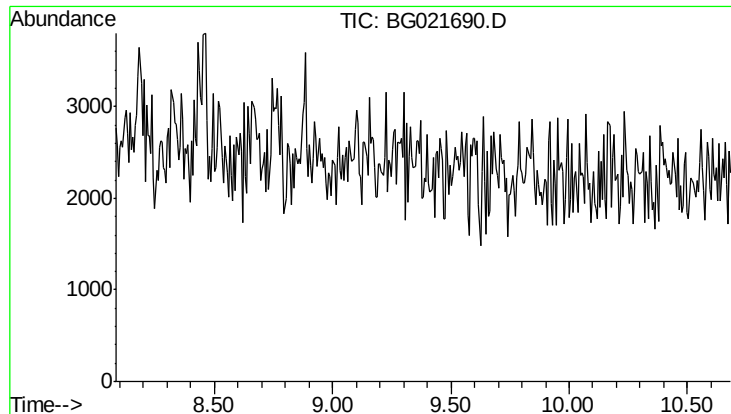
136 100

137 11.2

54 12.0

68 8.0

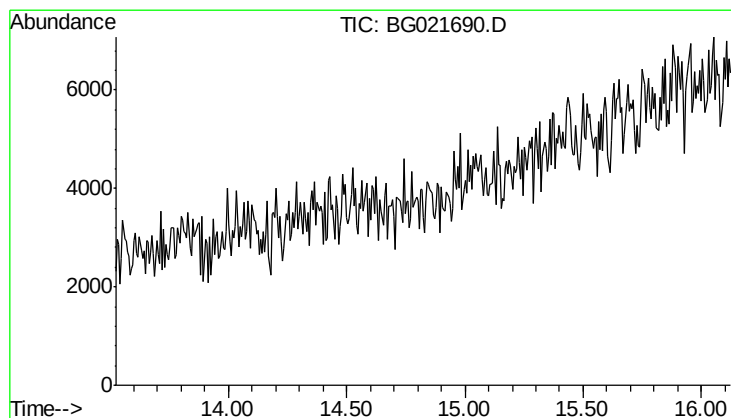
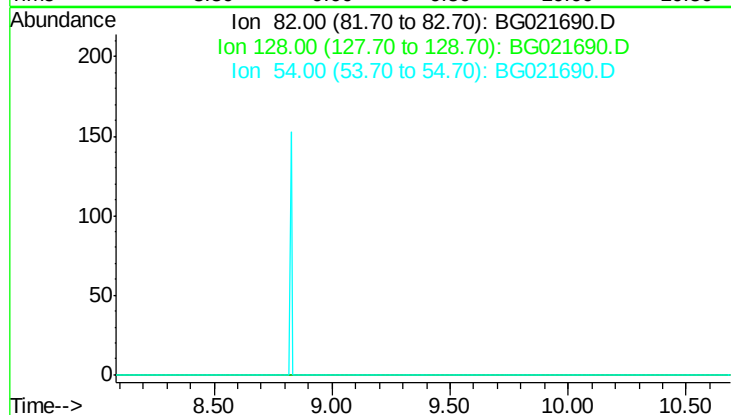




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 9.38 min
 Lab File: BG021690.D
 Acq: 15 Apr 2016 18:01

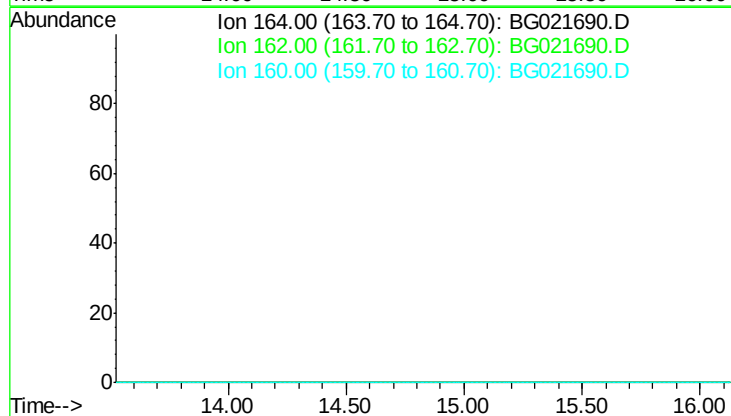
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

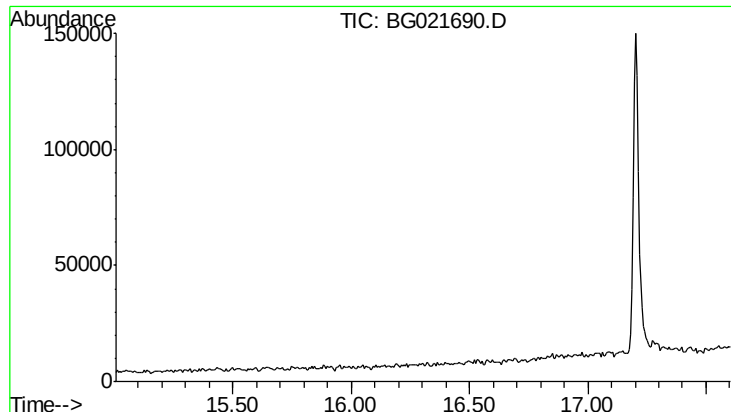
Tgt Ion	Exp Ratio
82	100
128	41.7
54	57.6



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.83 min
 Lab File: BG021690.D
 Acq: 15 Apr 2016 18:01

Tgt Ion	Exp Ratio
164	100
162	97.5
160	41.1

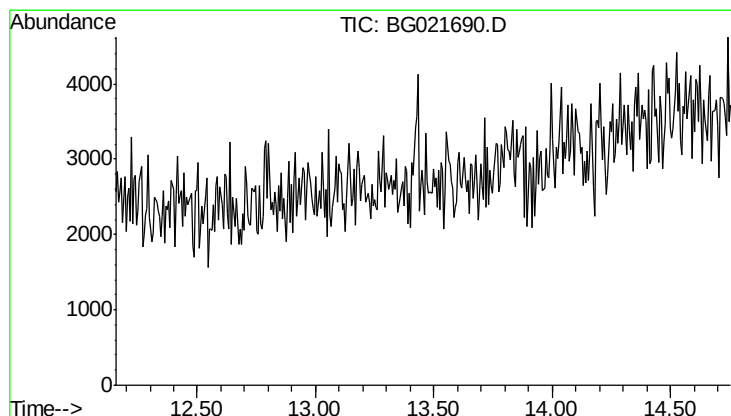
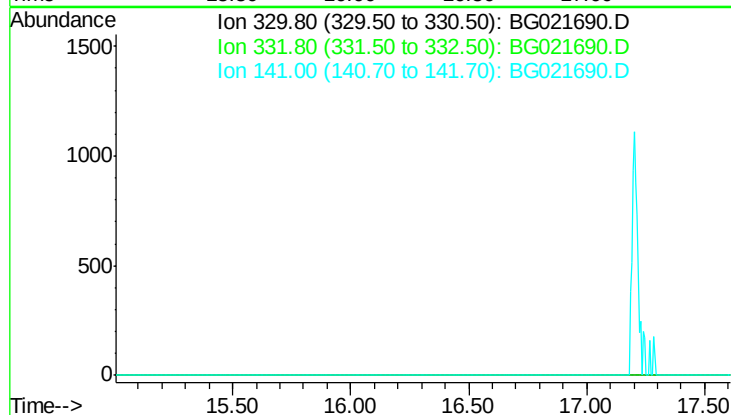




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.31 min
 Lab File: BG021690.D
 Acq: 15 Apr 2016 18:01

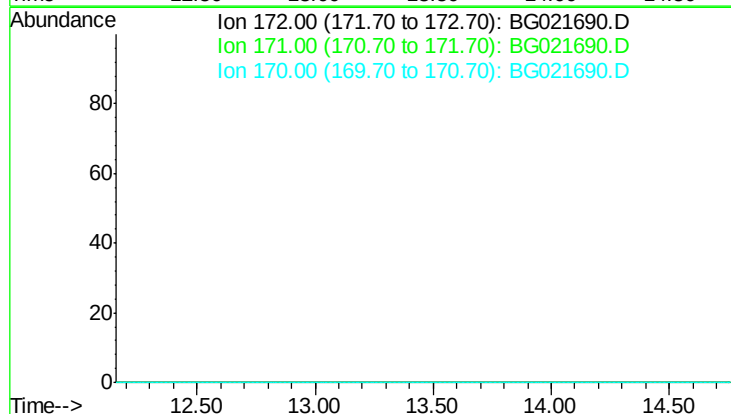
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

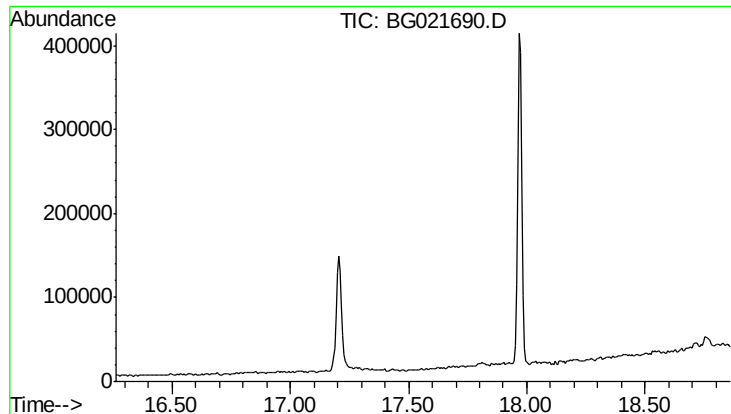
Tgt Ion	Exp Ratio
330	100
332	97.5
141	42.3



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 13.46 min
 Lab File: BG021690.D
 Acq: 15 Apr 2016 18:01

Tgt Ion	Exp Ratio
172	100
171	34.7
170	24.5

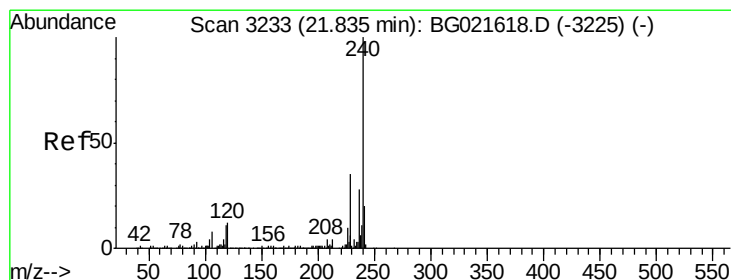
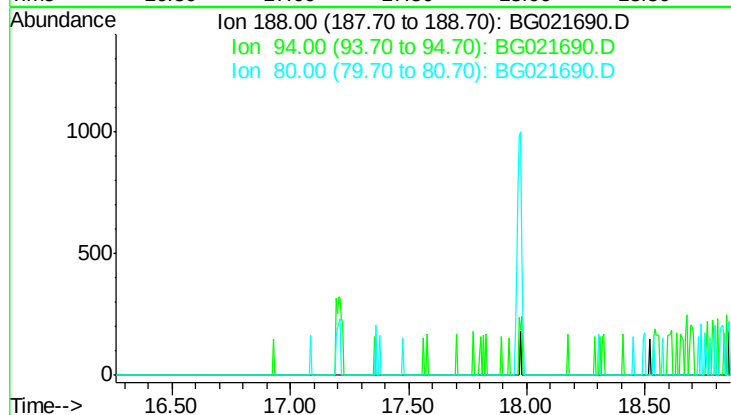




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 17.56 min
 Lab File: BG021690.D
 Acq: 15 Apr 2016 18:01

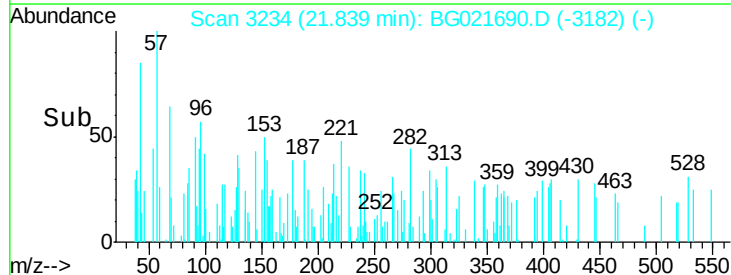
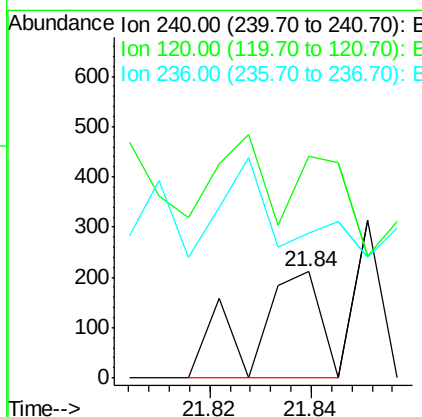
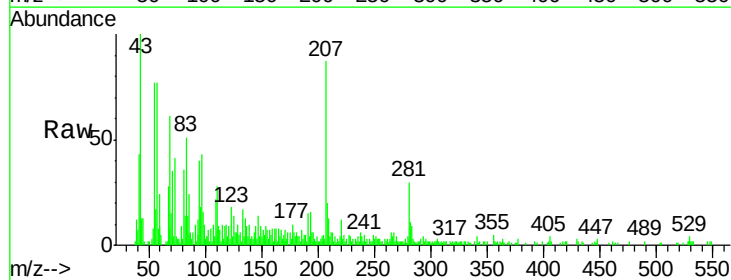
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

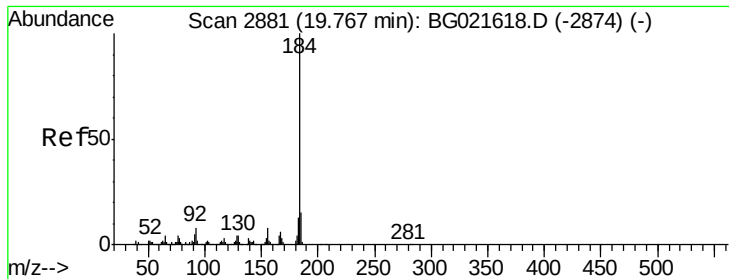
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 9.4
 80 10.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: BG021690.D
 Acq: 15 Apr 2016 18:01

Tgt Ion: 240 Resp: 195
 Ion Ratio Lower Upper
 240 100
 120 208.5 8.4 12.6#
 236 137.0 19.6 29.4#





#76

Benzidine

Concen: 51965.21 ng

RT: 19.77 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Instrument :

BNA_G

ClientSampleId :

DFTPP

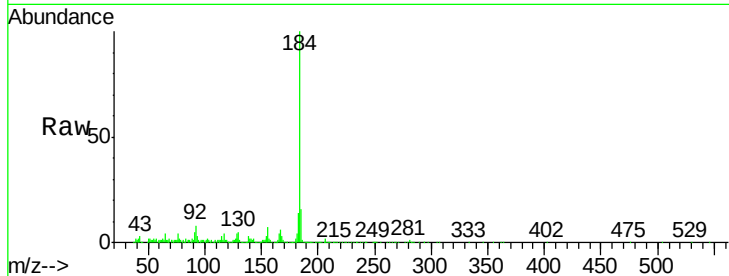
Tgt Ion:184 Resp: 315502

Ion Ratio Lower Upper

184 100

185 15.5 11.5 17.3

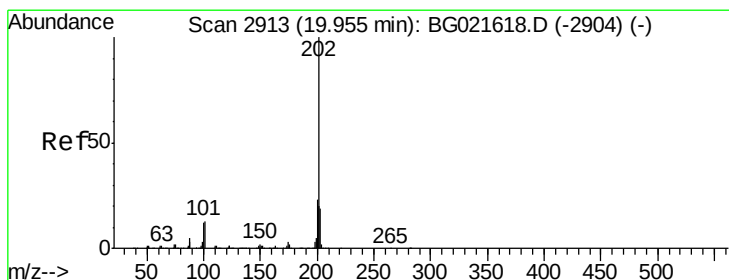
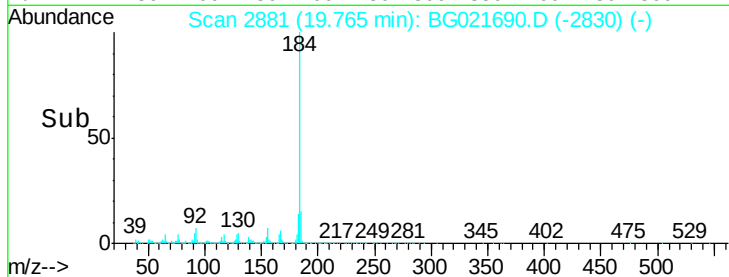
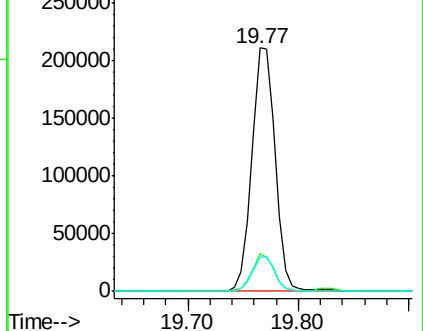
183 13.9 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 17.61 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

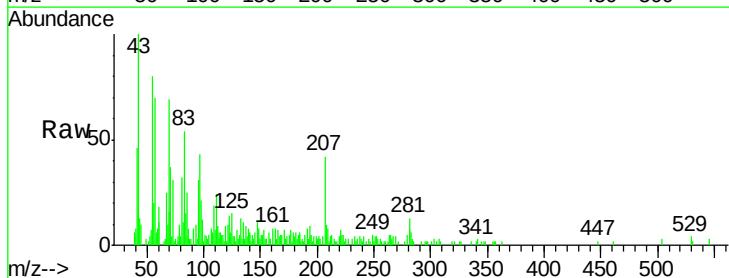
Tgt Ion:202 Resp: 198

Ion Ratio Lower Upper

202 100

200 95.9 18.2 27.2#

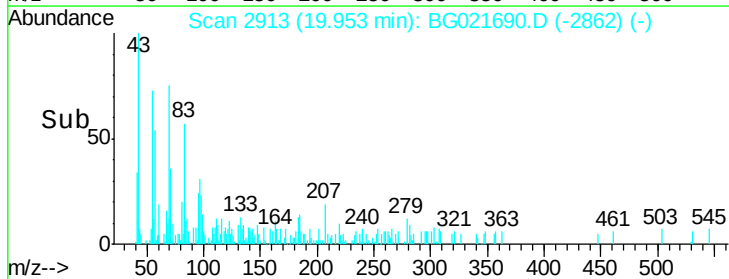
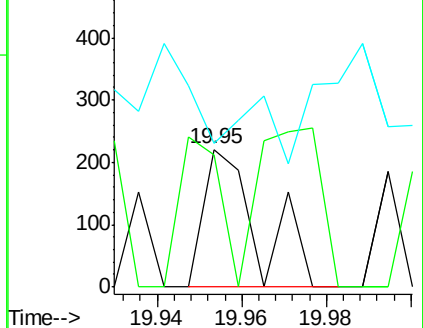
203 104.5 15.0 22.4#

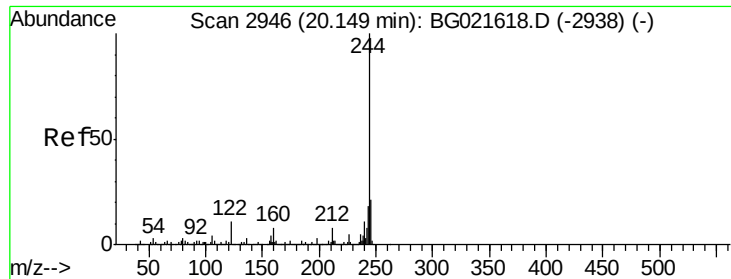


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 14.97 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Instrument :

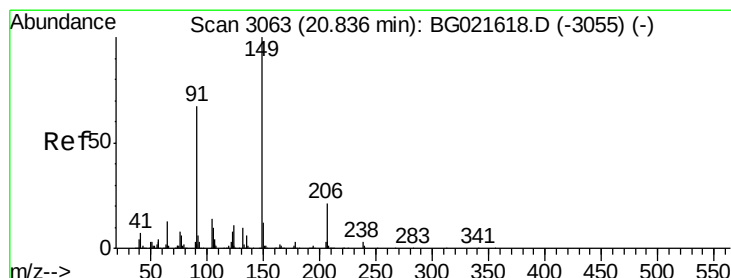
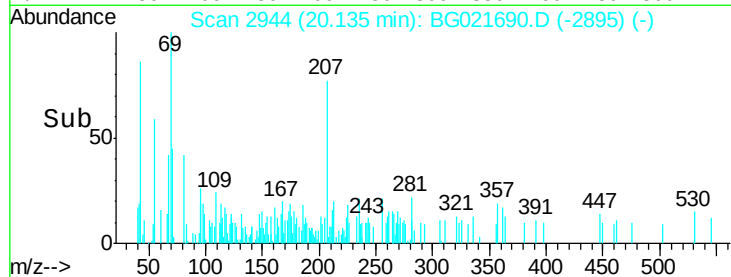
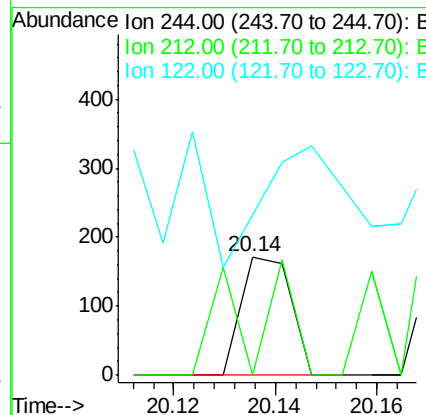
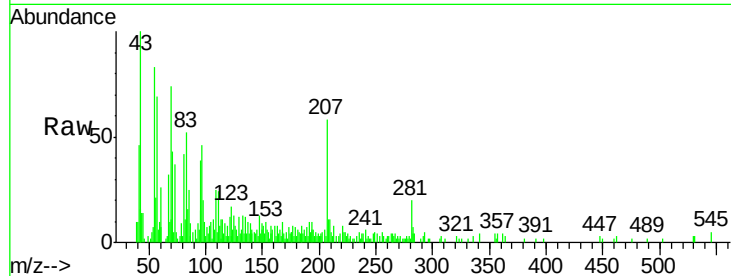
BNA_G

ClientSampled :

DFTPP

Tgt Ion:244 Resp: 117

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.5	9.7#
122	136.3	8.6	12.8#



#79

Butylbenzylphthalate

Concen: 92.16 ng

RT: 20.86 min Scan# 3068

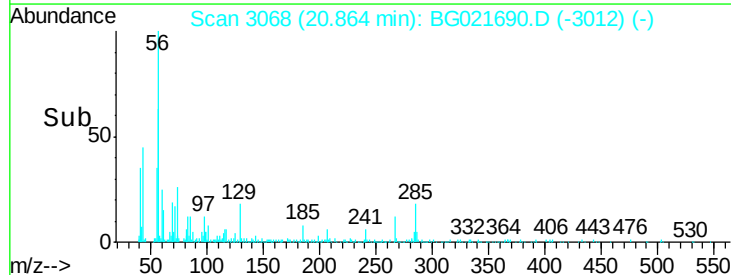
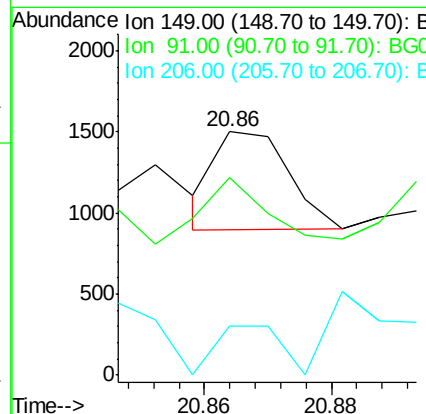
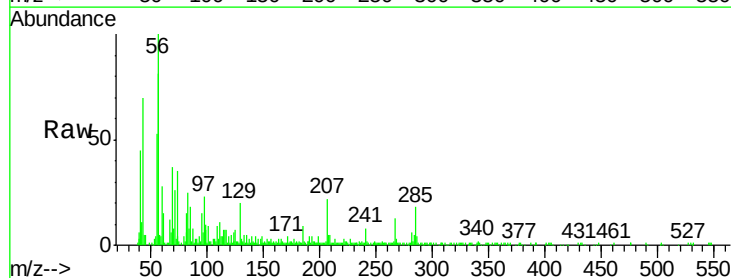
Delta R.T. 0.03 min

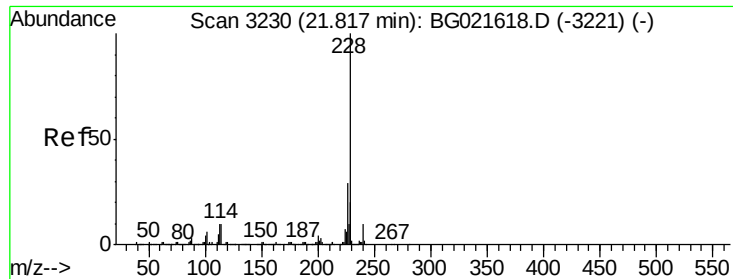
Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Tgt Ion:149 Resp: 481

Ion	Ratio	Lower	Upper
149	100		
91	80.9	57.8	86.8
206	20.4	17.0	25.4

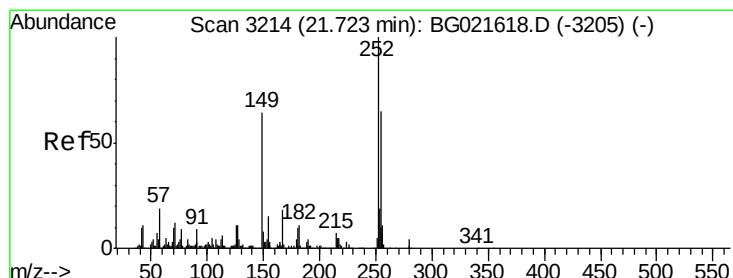
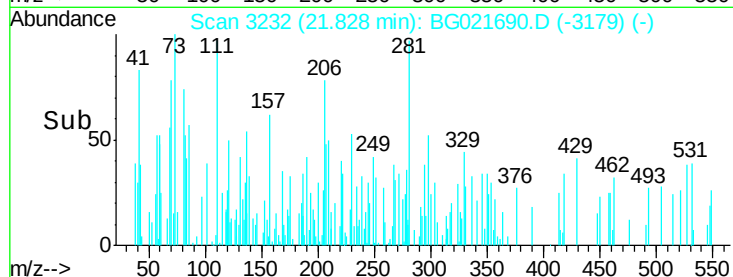
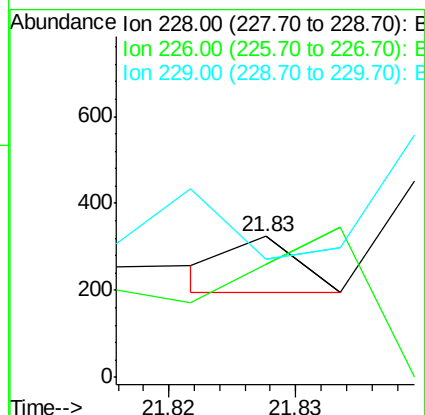
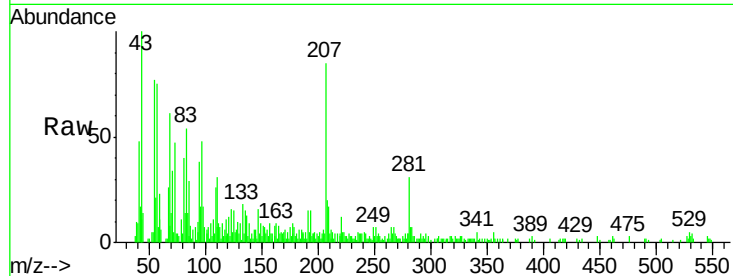




#80
Benzo(a)anthracene
Concen: 4.01 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BG021690.D
Acq: 15 Apr 2016 18:01

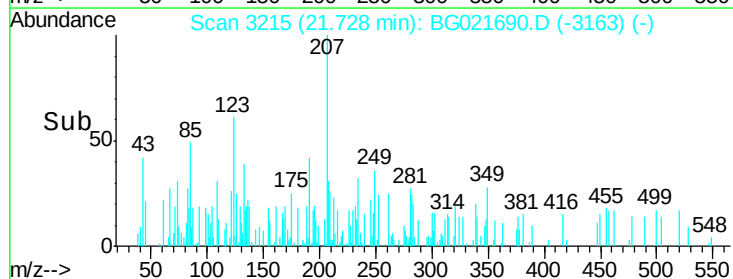
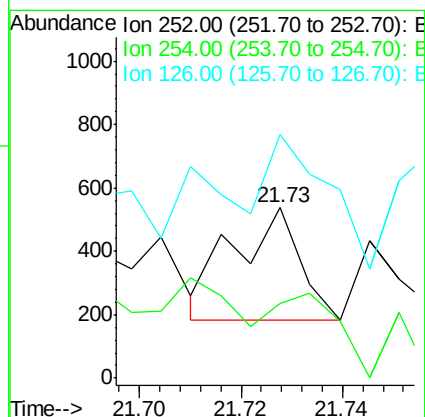
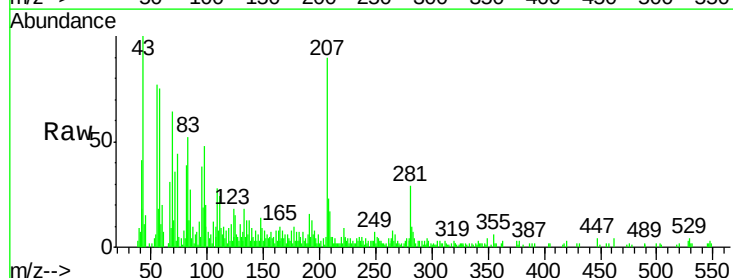
Instrument :
BNA_G
ClientSampled :
DFTPP

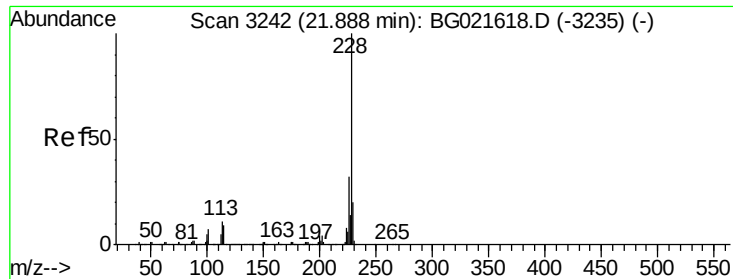
Tgt Ion: 228 Resp: 45
Ion Ratio Lower Upper
228 100
226 80.2 22.6 34.0#
229 83.6 16.1 24.1#



#81
3,3'-Dichlorobenzidine
Concen: 36.25 ng
RT: 21.73 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BG021690.D
Acq: 15 Apr 2016 18:01

Tgt Ion: 252 Resp: 322
Ion Ratio Lower Upper
252 100
254 43.5 51.8 77.6#
126 142.8 8.8 13.2#





#82

Chrysene

Concen: 11.13 ng

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Instrument :

BNA_G

ClientSampled :

DFTPP

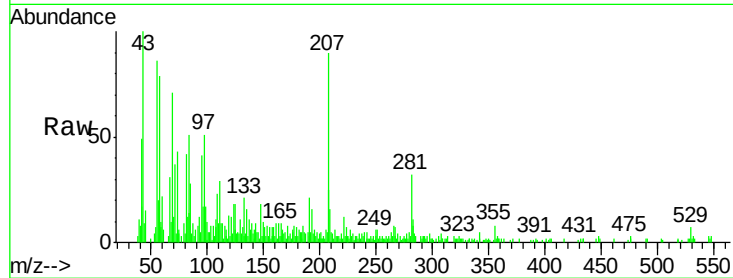
Tgt Ion: 228 Resp: 120

Ion Ratio Lower Upper

228 100

226 60.8 25.4 38.0#

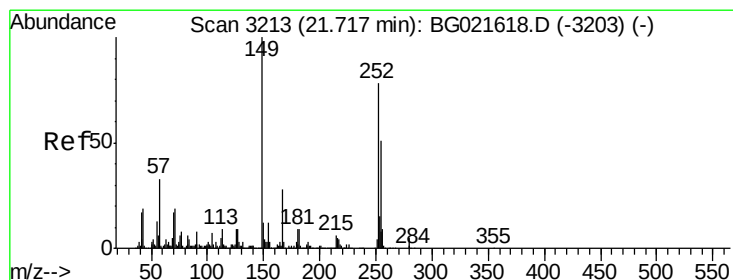
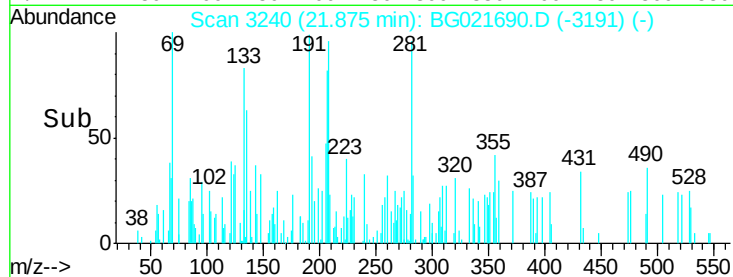
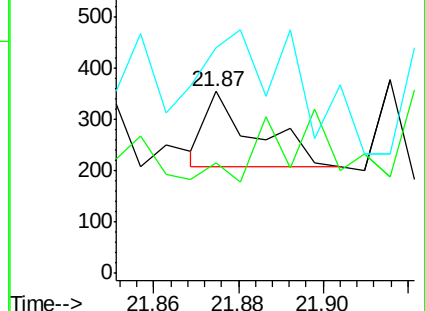
229 123.9 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 77.02 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.02 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

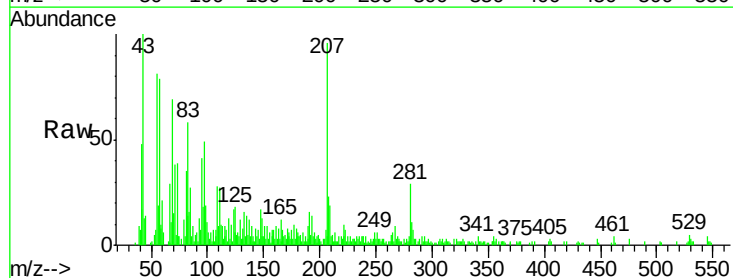
Tgt Ion: 149 Resp: 588

Ion Ratio Lower Upper

149 100

167 57.1 22.4 33.6#

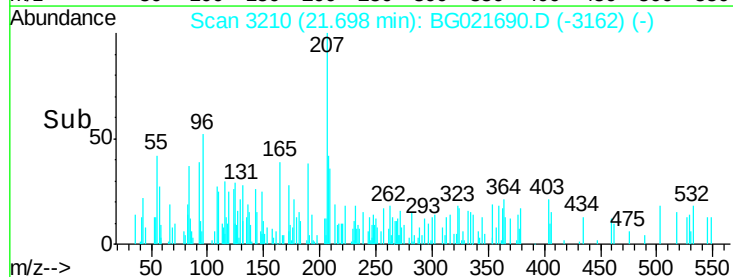
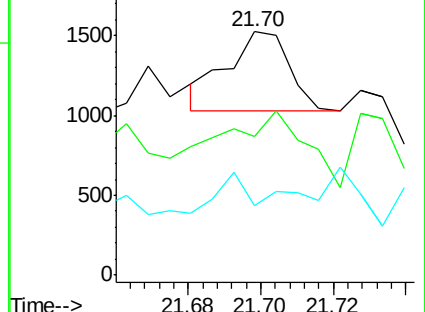
279 28.6 3.2 4.8#

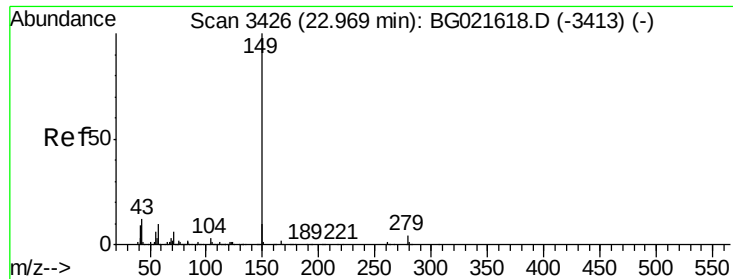


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 78.43 ng

RT: 22.97 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Instrument :

BNA_G

ClientSampled :

DFTPP

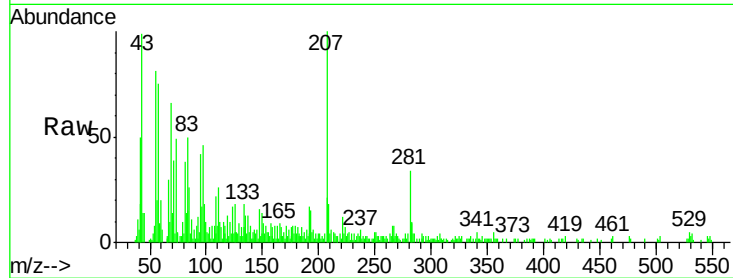
Tgt Ion:149 Resp: 1003

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

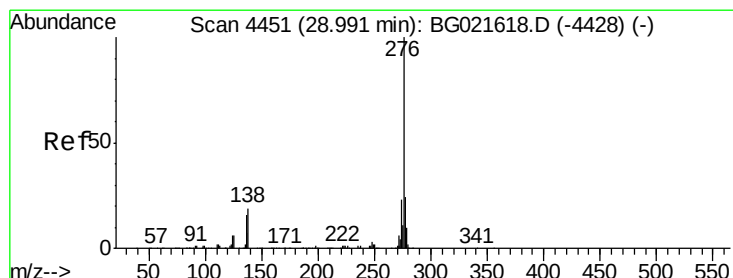
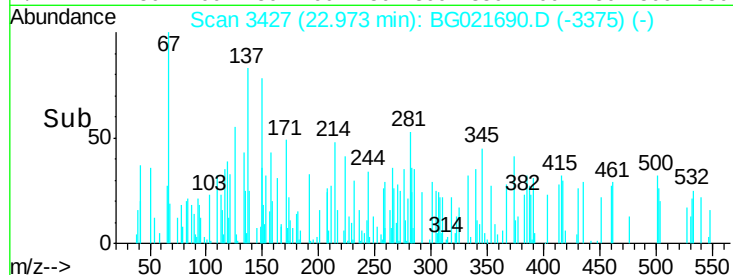
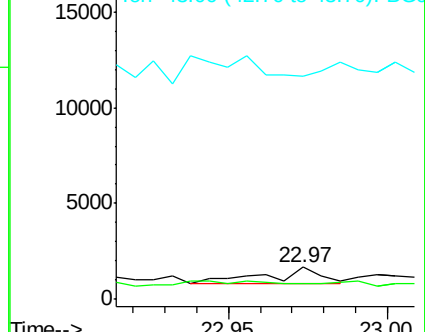
43 50.1 9.8 14.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 25.90 ng

RT: 28.98 min Scan# 4450

Delta R.T. -0.01 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

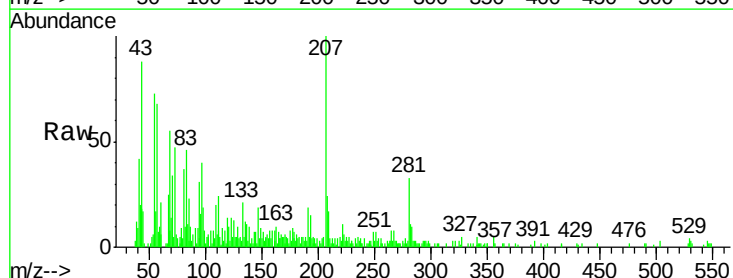
Tgt Ion:276 Resp: 332

Ion Ratio Lower Upper

276 100

138 53.0 14.0 21.0#

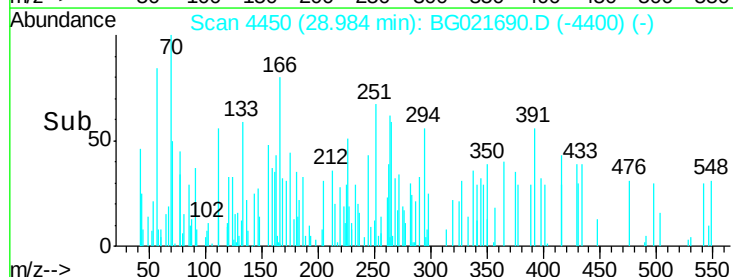
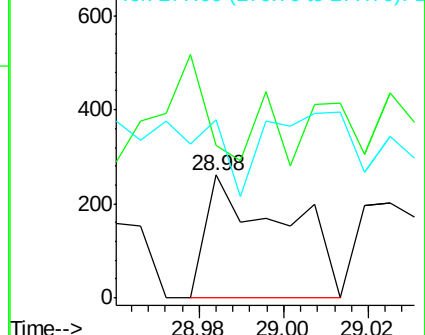
277 0.0 20.6 30.8#

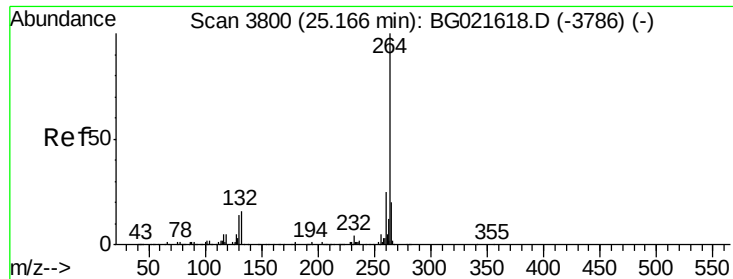


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.15 min Scan# 3797

Delta R.T. -0.02 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Instrument :

BNA_G

ClientSampleId :

DFTPP

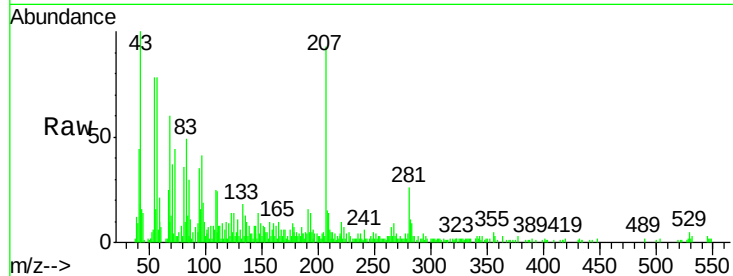
Tgt Ion:264 Resp: 329

Ion Ratio Lower Upper

264 100

260 43.1 20.2 30.4#

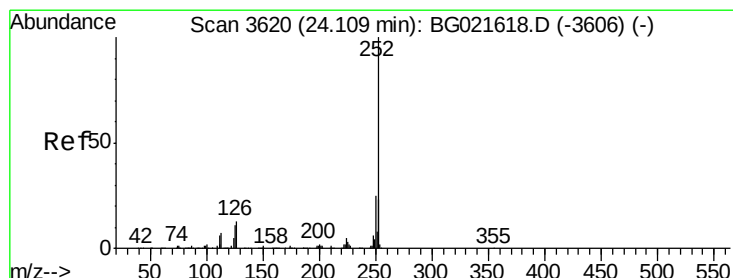
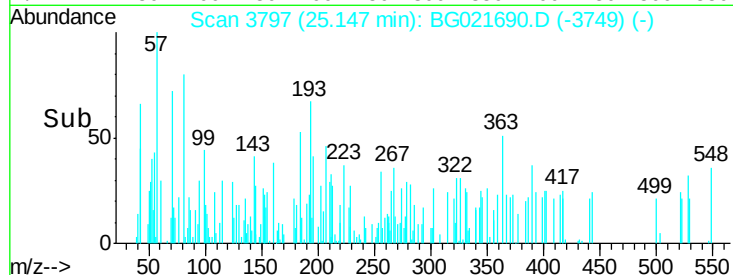
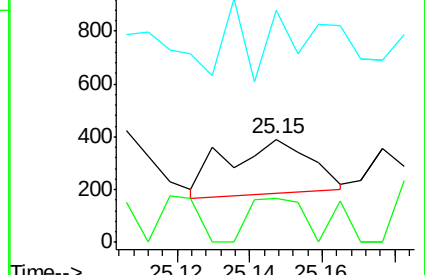
265 224.9 17.8 26.8#



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: 26.61 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.05 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

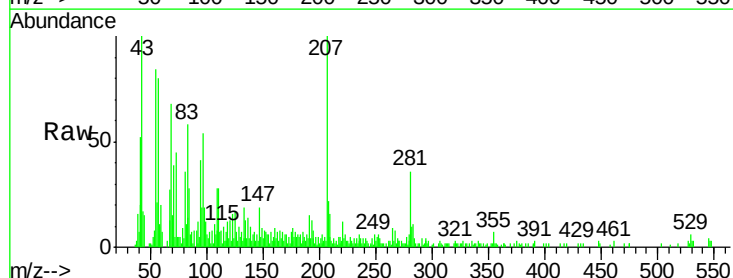
Tgt Ion:252 Resp: 508

Ion Ratio Lower Upper

252 100

253 78.7 17.5 26.3#

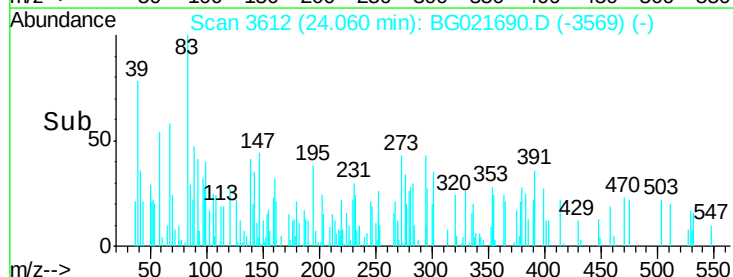
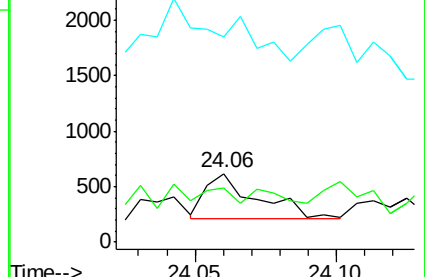
125 298.1 8.6 13.0#

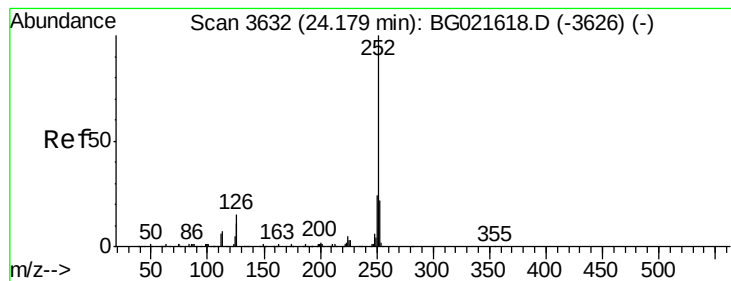


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 12.64 ng

RT: 24.15 min Scan# 3627

Delta R.T. -0.03 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Instrument :

BNA_G

ClientSampleId :

DFTPP

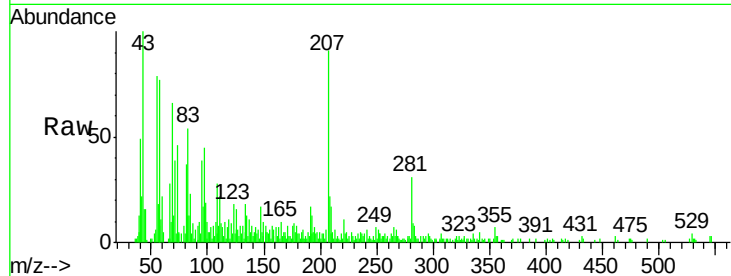
Tgt Ion:252 Resp: 236

Ion Ratio Lower Upper

252 100

253 95.8 17.8 26.8#

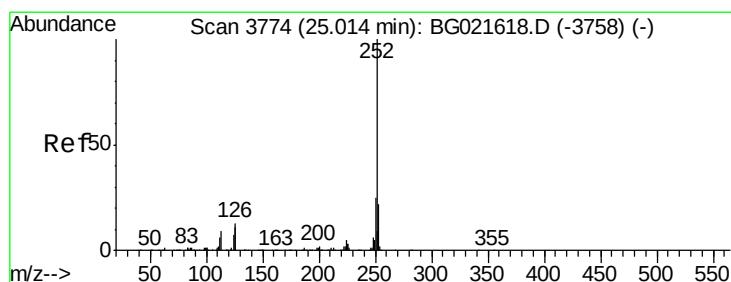
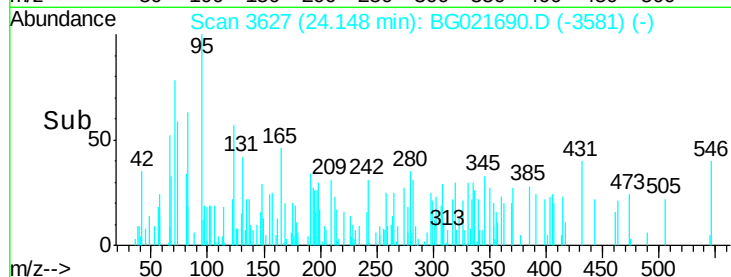
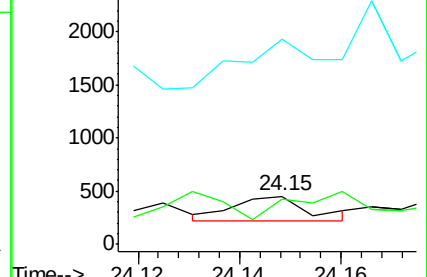
125 429.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 25.79 ng

RT: 25.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

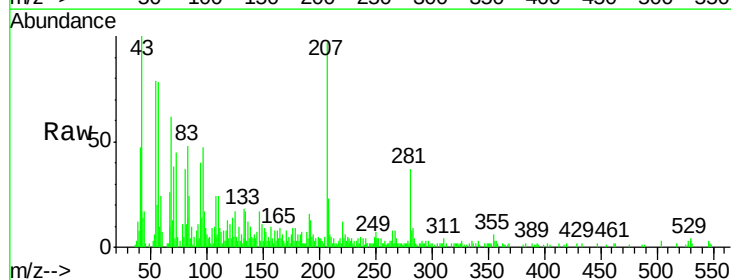
Tgt Ion:252 Resp: 477

Ion Ratio Lower Upper

252 100

253 89.2 17.1 25.7#

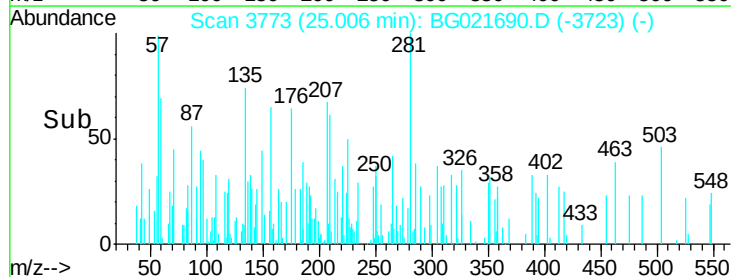
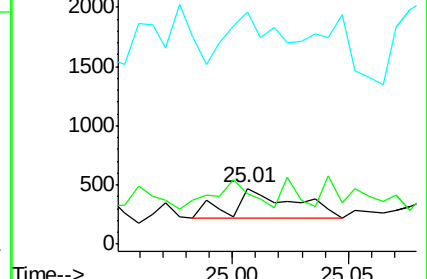
125 415.9 9.6 14.4#

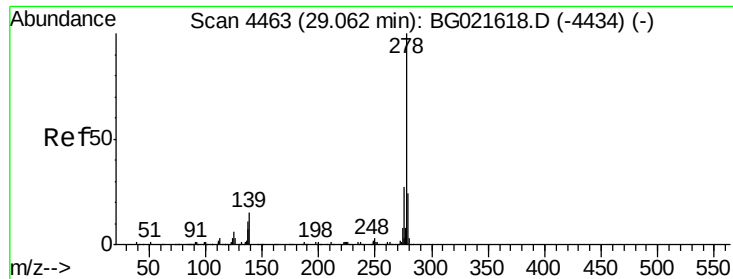


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 23.13 ng

RT: 29.05 min Scan# 4461

Delta R.T. -0.01 min

Lab File: BG021690.D

Acq: 15 Apr 2016 18:01

Instrument :

BNA_G

ClientSampleId :

DFTPP

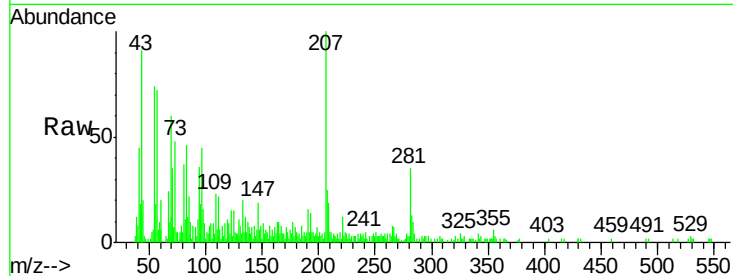
Tgt Ion: 278 Resp: 429

Ion Ratio Lower Upper

278 100

139 180.2 11.9 17.9#

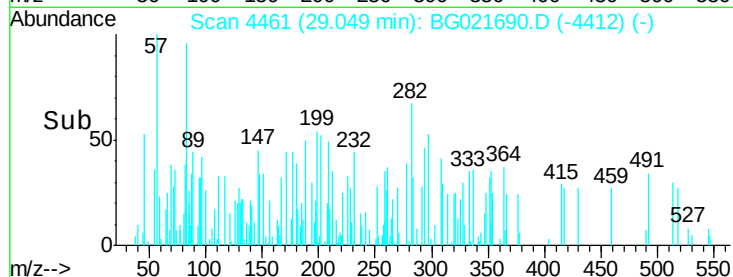
279 82.5 18.2 27.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->