

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017283.D
 Acq On : 26 May 2015 18:38
 Operator : TP/IZ
 Sample : G2255-06RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW003-150512RE

Quant Time: May 27 03:23:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

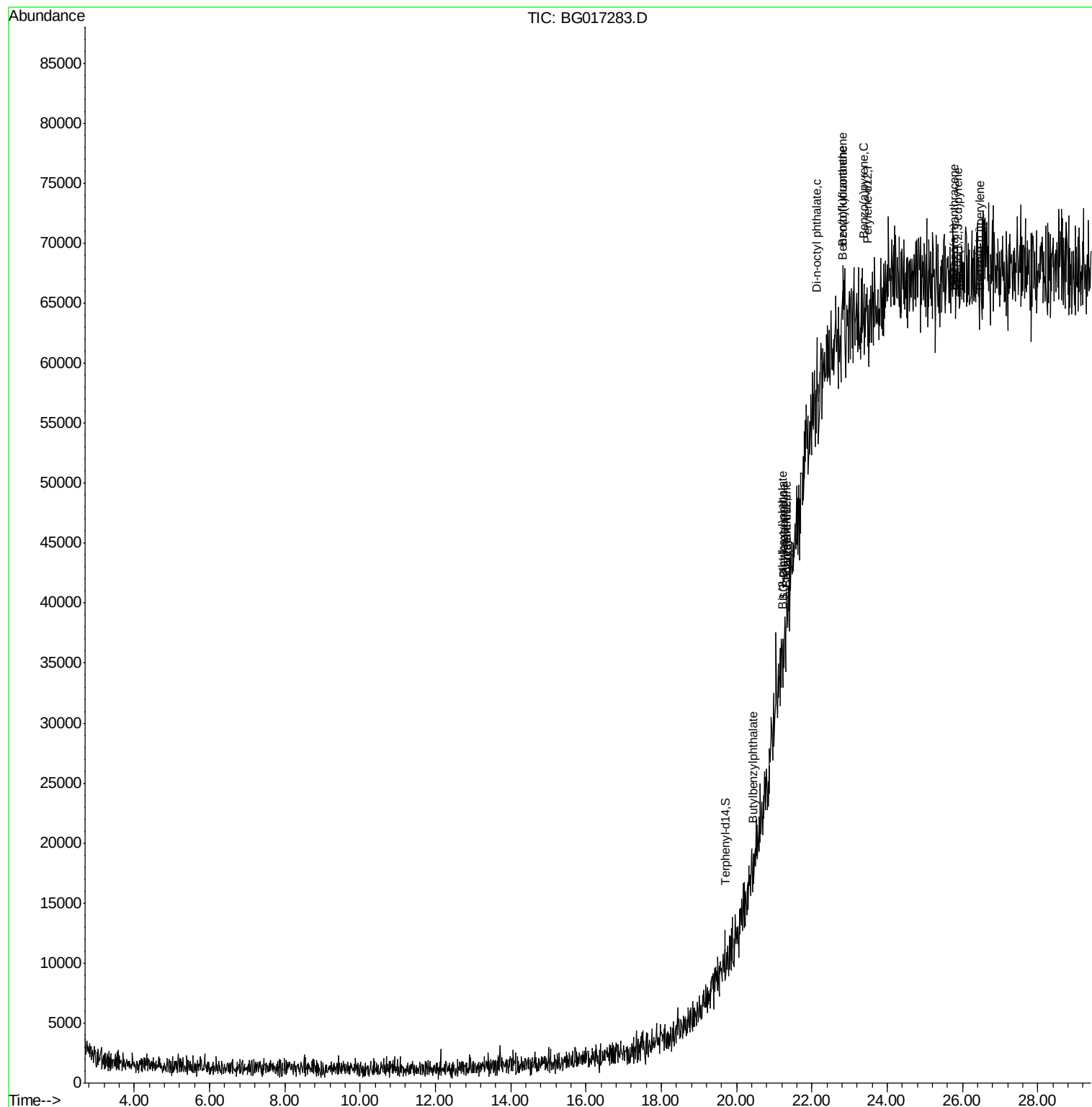
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.66
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.46
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.32
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.07
75) Chrysene-d12	21.32	240	72	20.00	ng	0.06
86) Perylene-d12	23.47	264	194	20.00	ng	-0.04
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	19.70	244	59	17.08	ng	0.00
Target Compounds						
79) Butylbenzylphthalate	20.45	149	62	30.87	ng	# 1
80) Benzo(a)anthracene	21.31	228	56	13.57	ng	# 51
81) 3,3'-Dichlorobenzidine	21.26	252	99	62.00	ng	# 25
82) Chrysene	21.31	228	56	14.57	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.22	149	501	175.51	ng	# 50
84) Di-n-octyl phthalate	22.12	149	306	64.39	ng	# 64
85) Indeno(1,2,3-cd)pyrene	25.87	276	56	12.18	ng	# 52
87) Benzo(b)fluoranthene	22.80	252	216	19.10	ng	# 34
88) Benzo(k)fluoranthene	22.82	252	696	64.82	ng	# 1
89) Benzo(a)pyrene	23.39	252	551	53.06	ng	# 55
90) Dibenzo(a,h)anthracene	25.77	278	392	36.77	ng	# 57
91) Benzo(g,h,i)perylene	26.47	276	380	37.87	ng	# 57

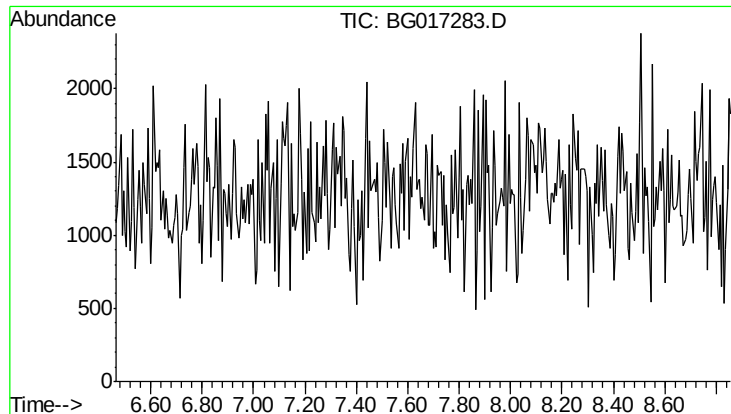
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.66 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

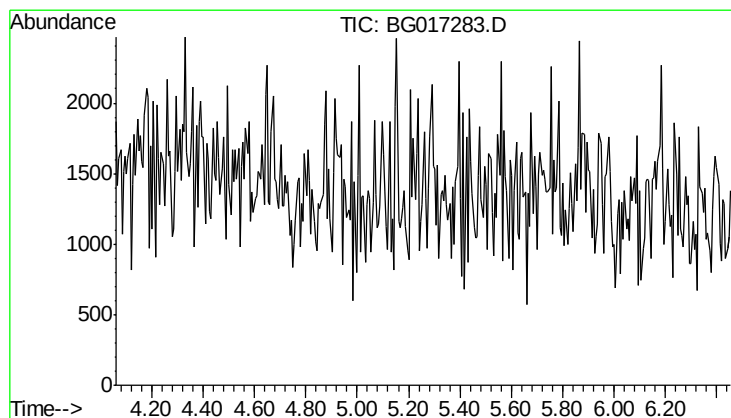
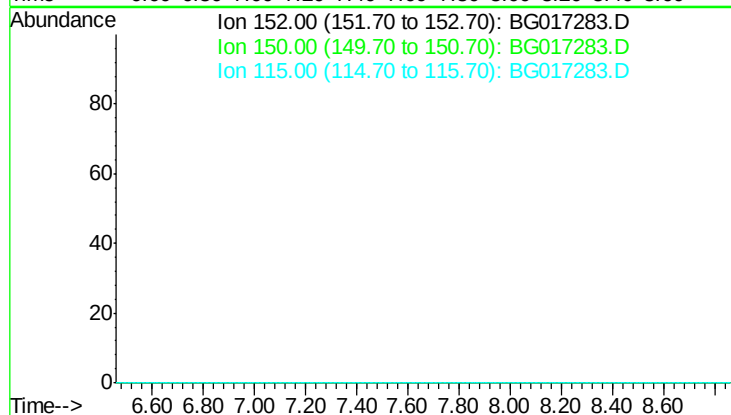
Tgt Ion: 152

Sig Exp Ratio

152 100

150 151.0

115 61.8



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.26 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

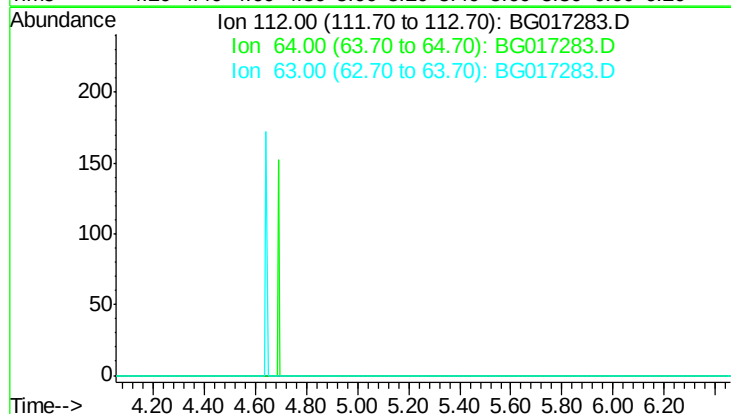
Tgt Ion: 112

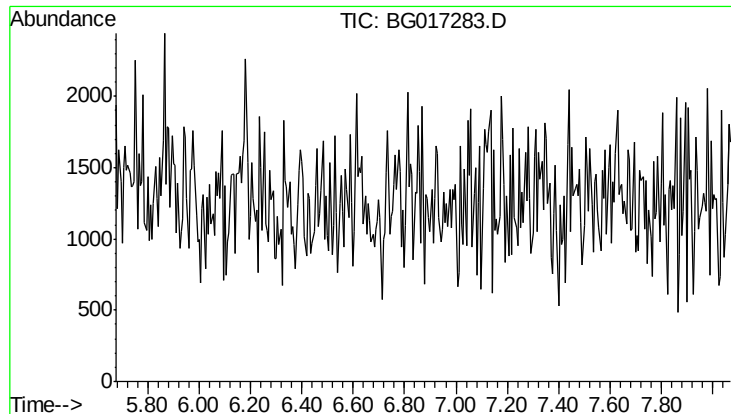
Sig Exp Ratio

112 100

64 60.1

63 37.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.87 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

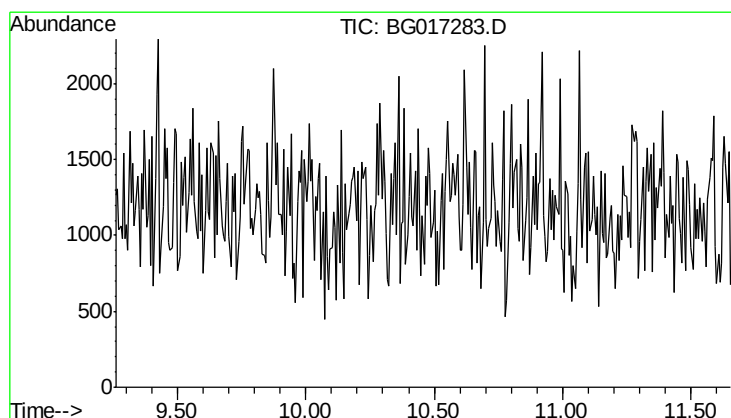
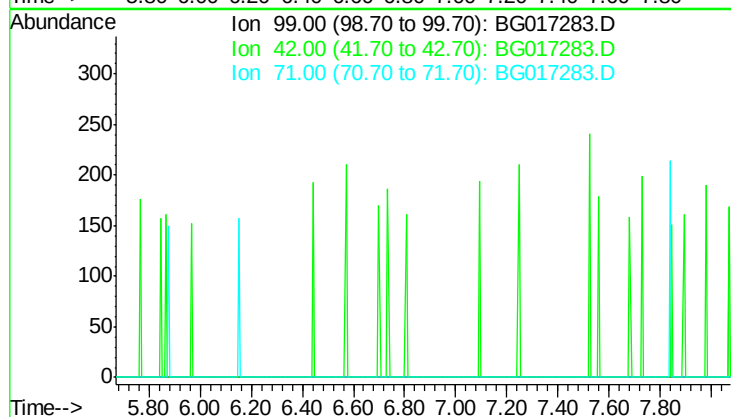
Tgt Ion: 99

Sig Exp Ratio

99 100

42 29.4

71 49.8



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.46 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Tgt Ion: 136

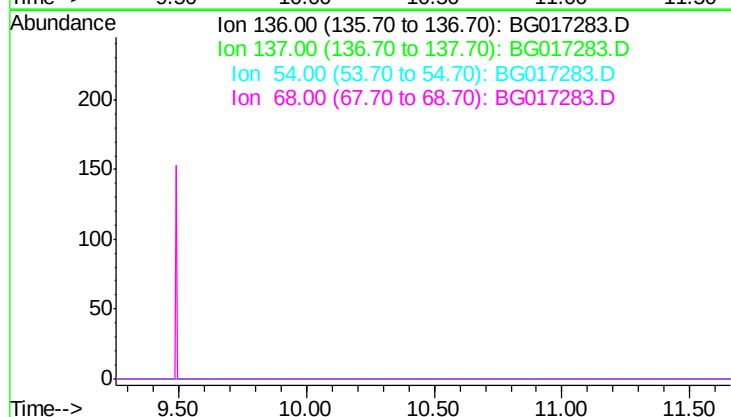
Sig Exp Ratio

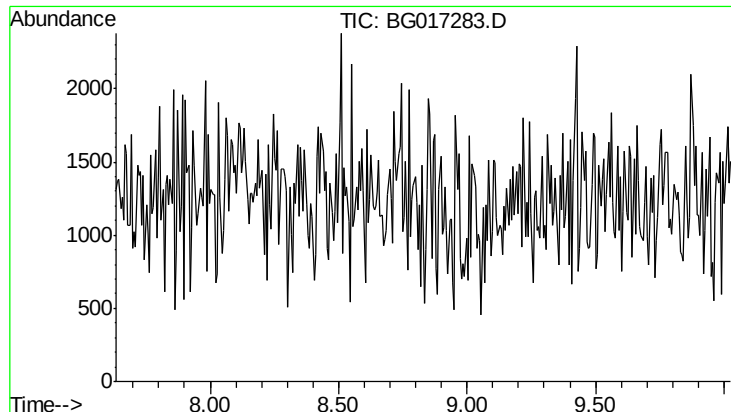
136 100

137 10.4

54 9.3

68 4.5

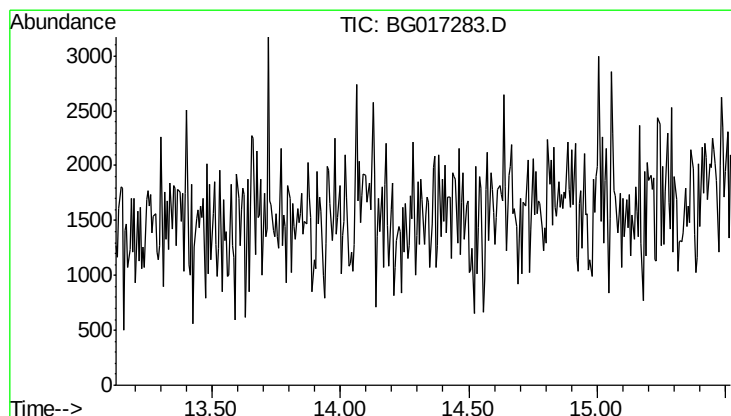
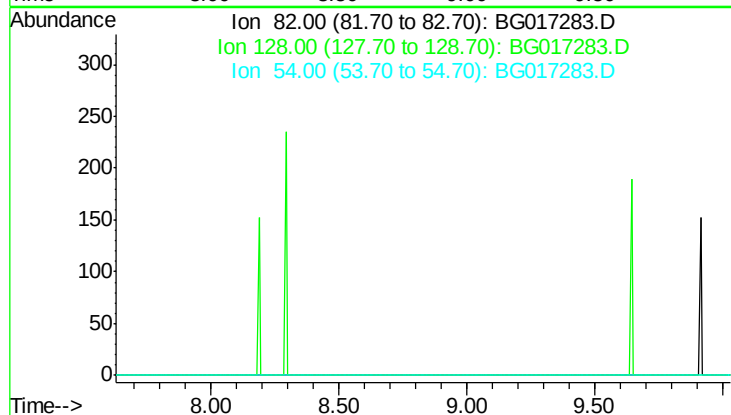




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 8.83 min
 Lab File: BG017283.D
 Acq: 26 May 2015 18:38

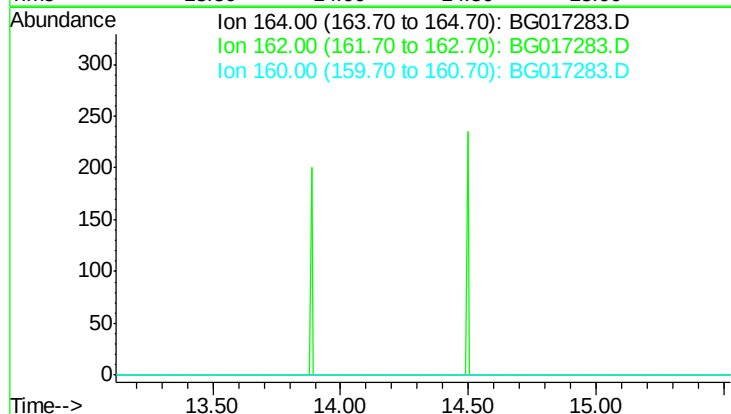
Instrument :
 BNA_G
 ClientSampleId :
 LF001MW003-150512RE

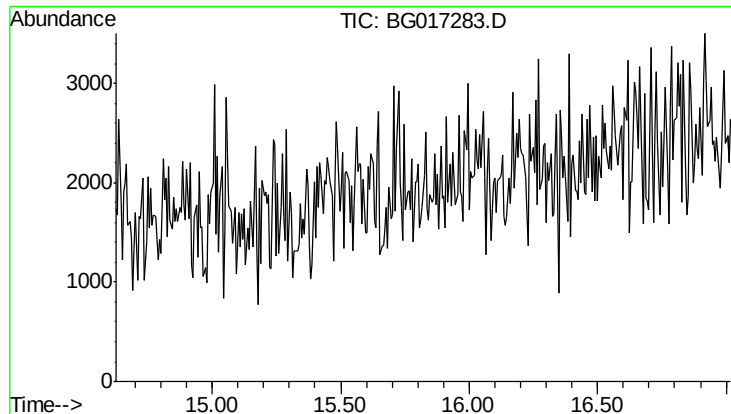
Tgt Ion	Exp Ratio
82	100
128	40.8
54	62.0



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.32 min
 Lab File: BG017283.D
 Acq: 26 May 2015 18:38

Tgt Ion	Exp Ratio
164	100
162	102.6
160	43.5



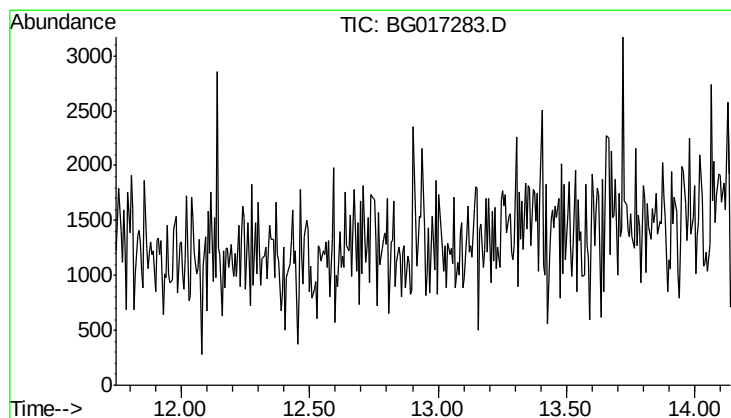
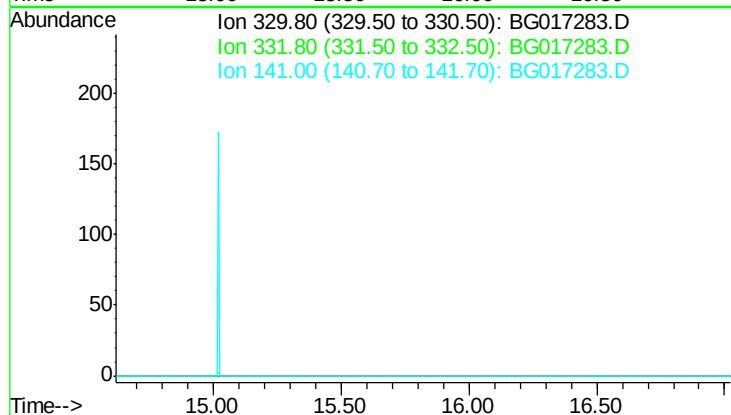


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 15.82 min

Lab File: BG017283.D
 Acq: 26 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW003-150512RE

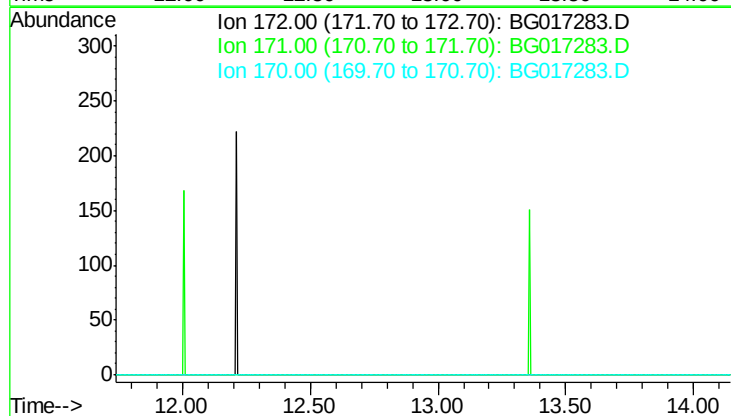
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.1
 141 52.7

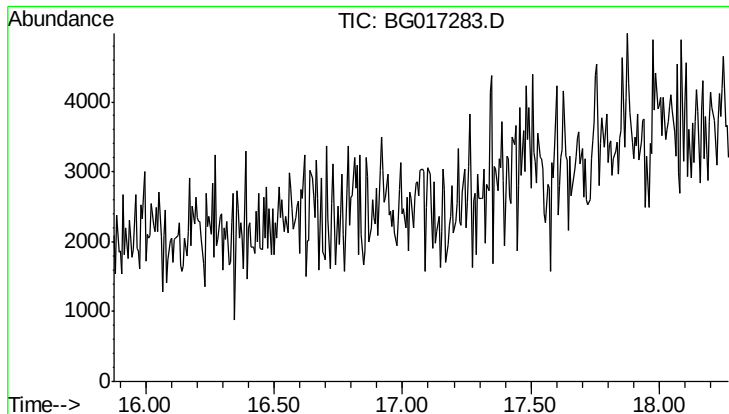


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 12.94 min

Lab File: BG017283.D
 Acq: 26 May 2015 18:38

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 23.0



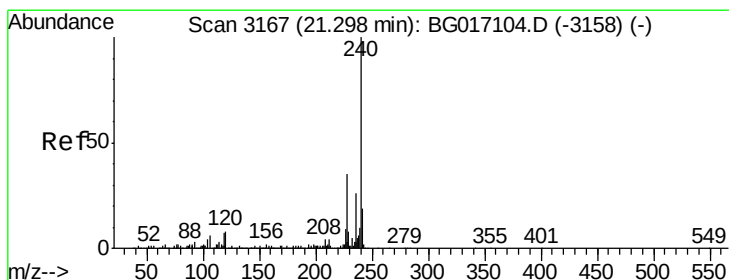
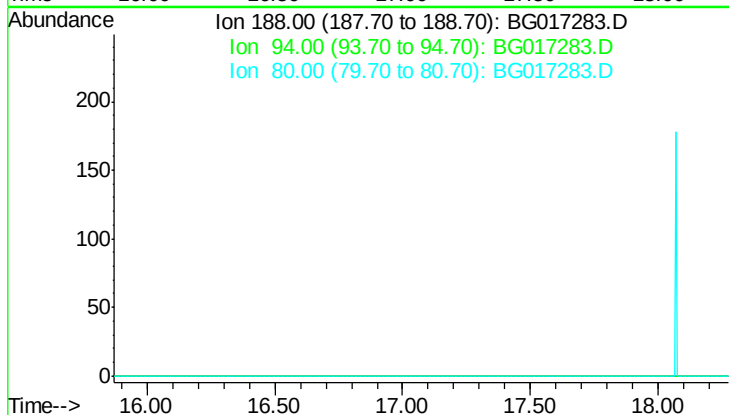


#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 17.07 min
 Lab File: BG017283.D
 Acq: 26 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW003-150512RE

Tgt Ion: 188

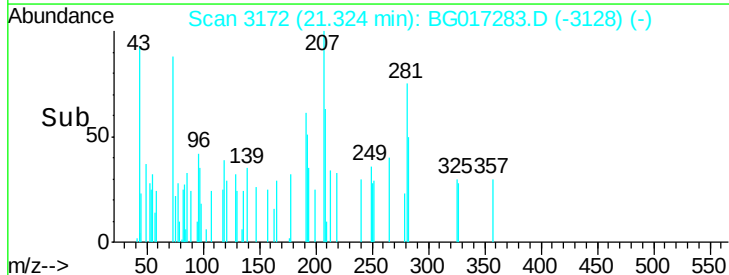
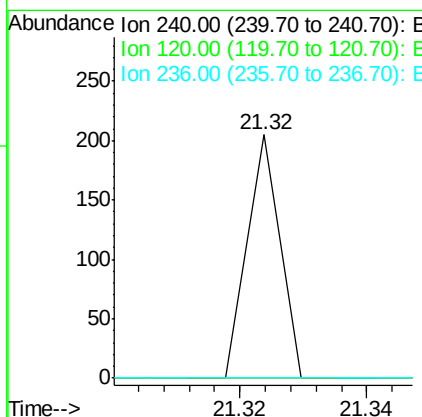
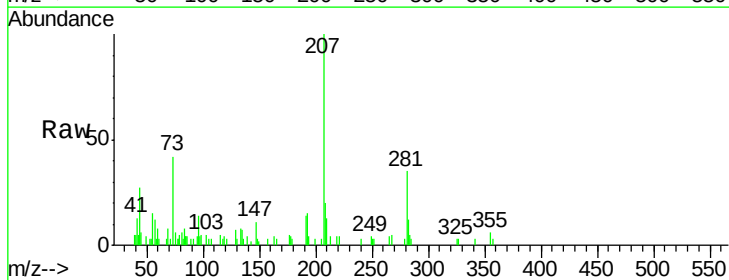
Sig	Exp Ratio
188	100
94	7.2
80	8.1

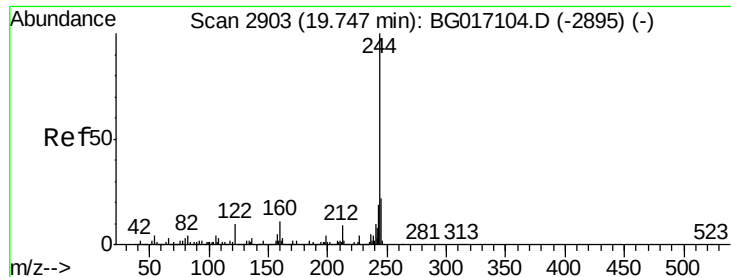


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.32 min Scan# 3172
 Delta R.T. 0.06 min
 Lab File: BG017283.D
 Acq: 26 May 2015 18:38

Tgt Ion: 240 Resp: 72

Ion	Ratio	Lower	Upper
240	100		
120	0.0	6.0	9.0#
236	0.0	20.5	30.7#





#78

Terphenyl-d14

Concen: 17.08 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

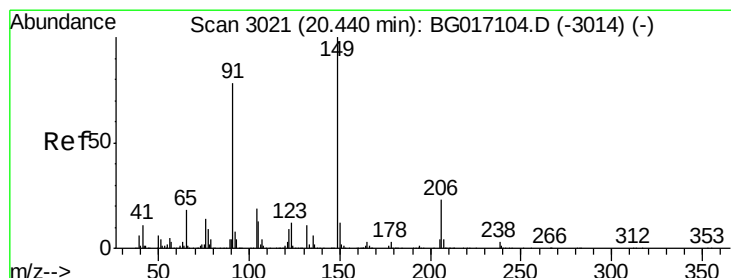
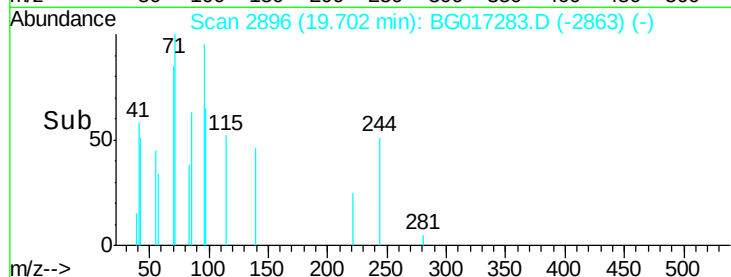
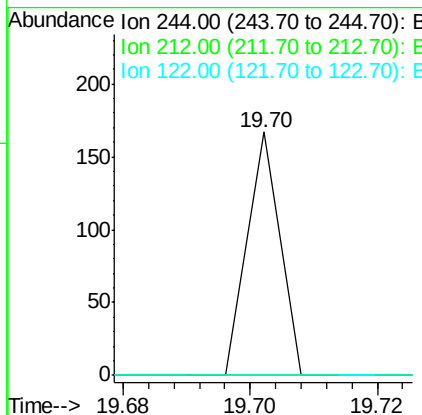
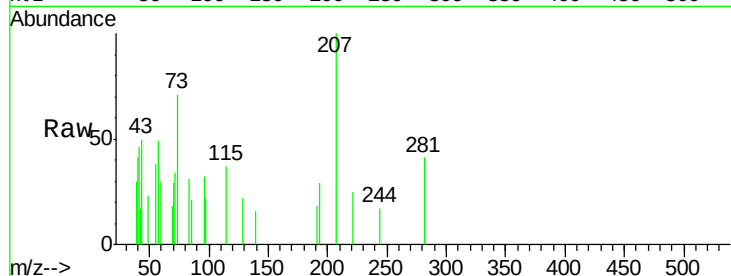
Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

Tgt Ion:	244	Resp:	59
Ion Ratio	Lower	Upper	
244	100		
212	0.0	7.0	10.4#
122	0.0	8.4	12.6#



#79

Butylbenzylphthalate

Concen: 30.87 ng

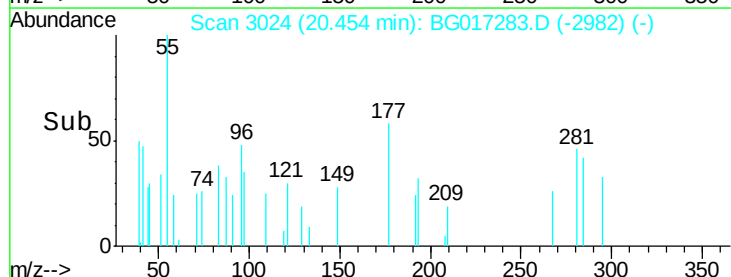
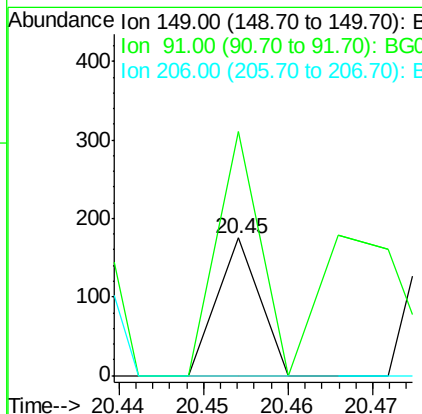
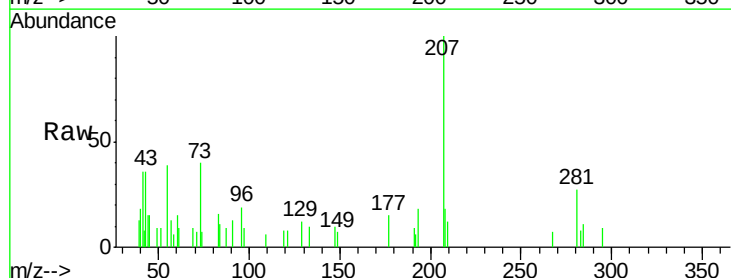
RT: 20.45 min Scan# 3024

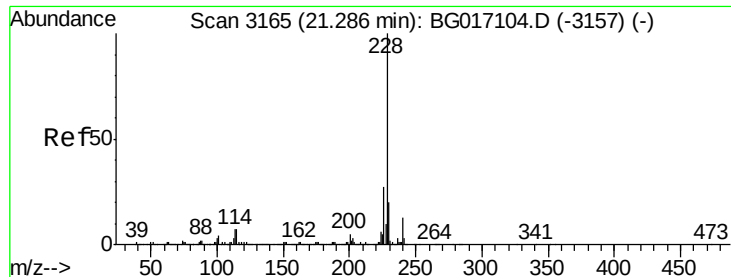
Delta R.T. 0.05 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Tgt Ion:	149	Resp:	62
Ion Ratio	Lower	Upper	
149	100		
91	177.7	62.0	93.0#
206	0.0	18.6	27.8#





#80

Benzo(a)anthracene

Concen: 13.57 ng

RT: 21.31 min Scan# 3169

Delta R.T. 0.06 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

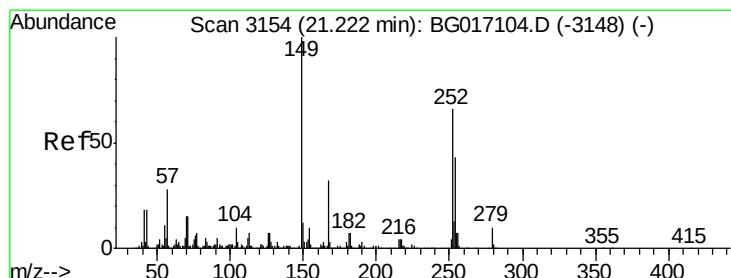
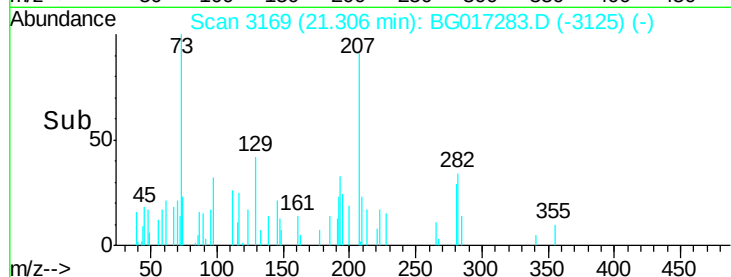
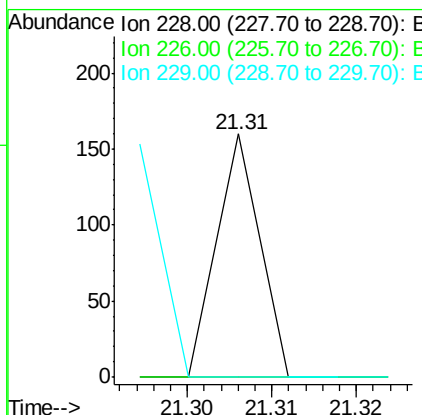
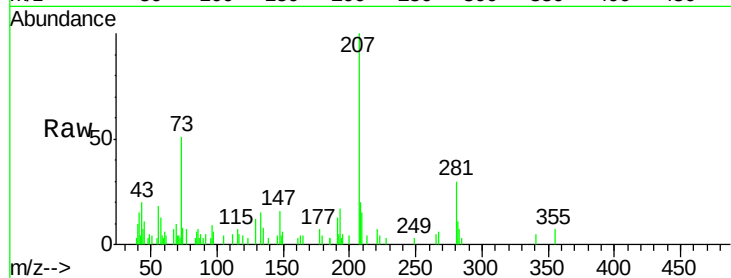
Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

Tgt Ion:	228	Resp:	56
Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.7	32.5#
229	0.0	16.1	24.1#



#81

3,3'-Dichlorobenzidine

Concen: 62.00 ng

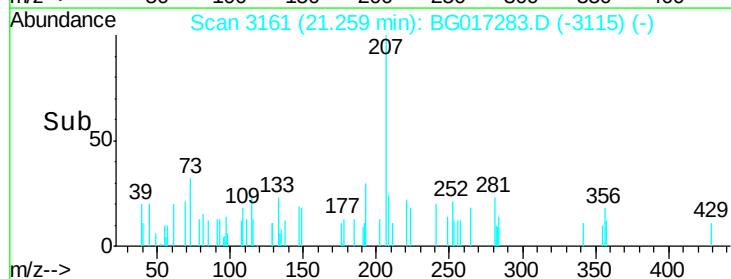
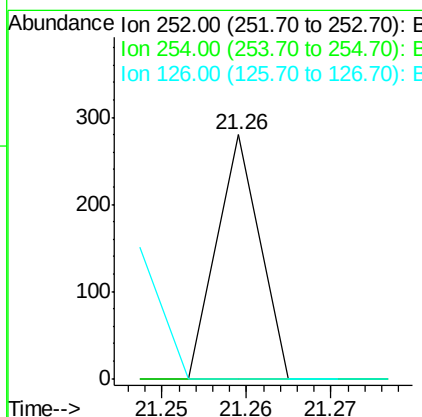
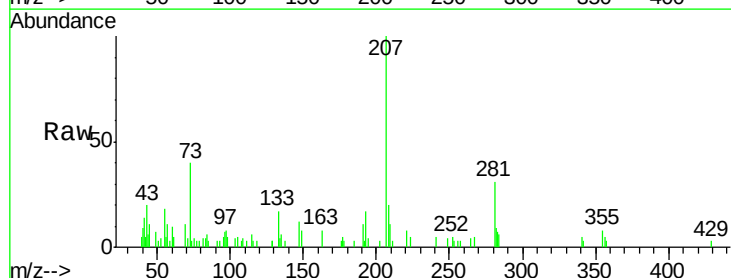
RT: 21.26 min Scan# 3161

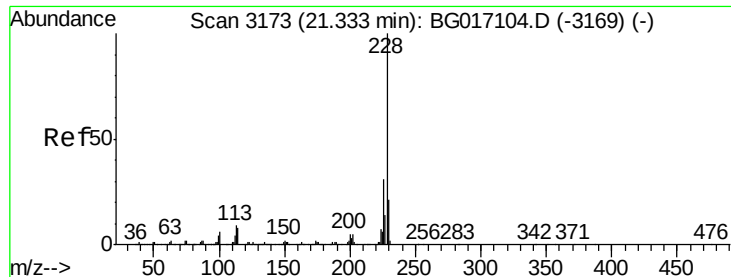
Delta R.T. 0.07 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Tgt Ion:	252	Resp:	99
Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	0.0	8.8	13.2#





#82

Chrysene

Concen: 14.57 ng

RT: 21.31 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

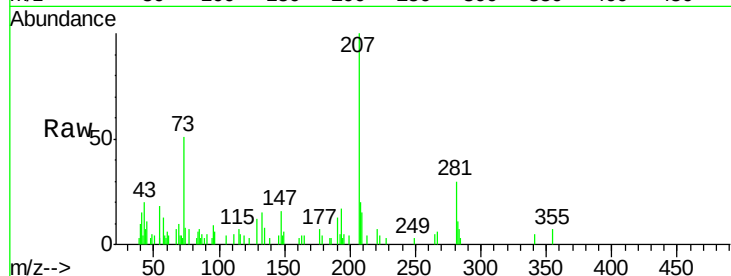
Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

Tgt Ion:	228	Resp:	56
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.8	37.2#
229	0.0	17.0	25.6#



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

21.31

150

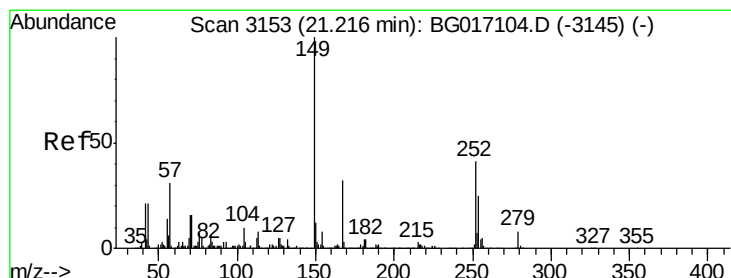
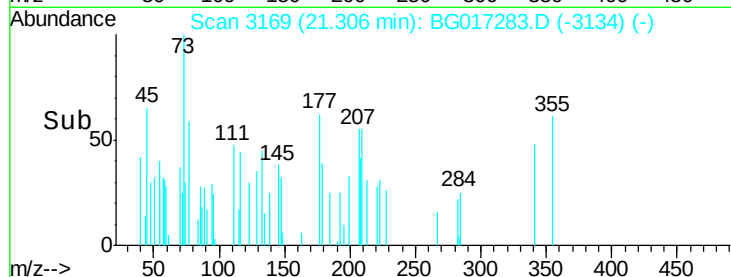
100

50

0

21.30 21.31 21.32

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 175.51 ng

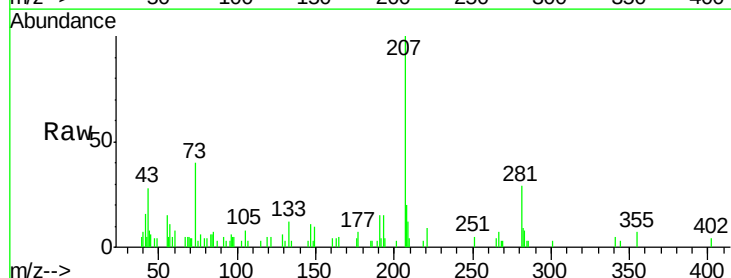
RT: 21.22 min Scan# 3154

Delta R.T. 0.04 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Tgt Ion:	149	Resp:	501
Ion	Ratio	Lower	Upper
149	100		
167	0.0	25.4	38.2#
279	0.0	6.8	10.2#



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

600

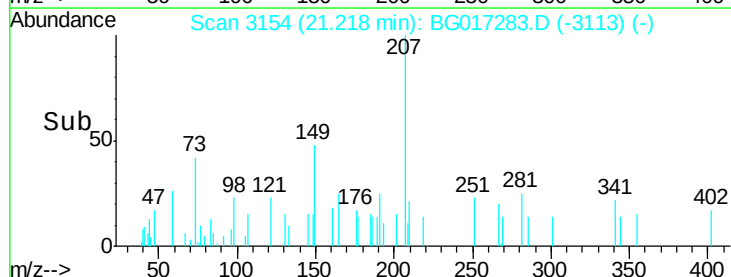
400

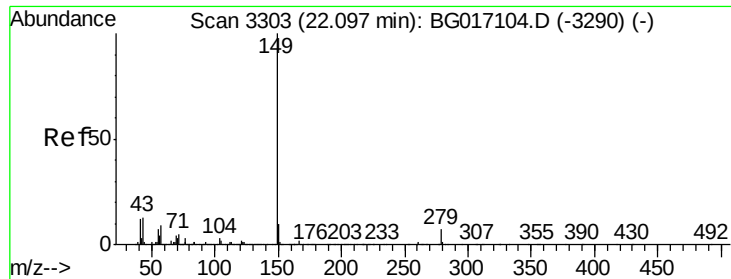
200

0

21.18 21.20 21.22 21.24

Time-->





#84

Di-n-octyl phthalate

Concen: 64.39 ng

RT: 22.12 min Scan# 3308

Delta R.T. 0.07 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

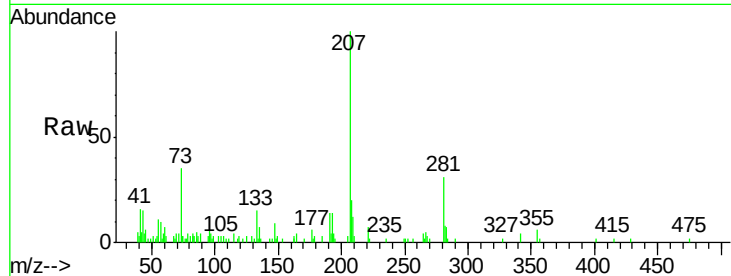
Tgt Ion:149 Resp: 306

Ion Ratio Lower Upper

149 100

167 20.3 1.4 2.0#

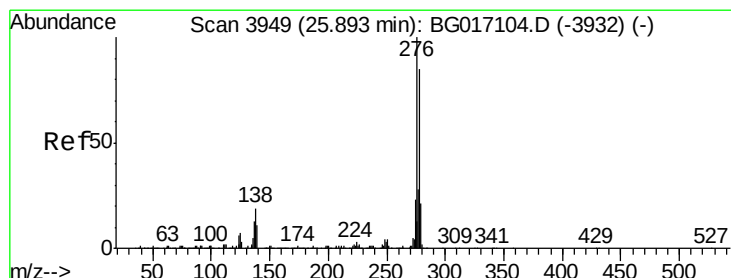
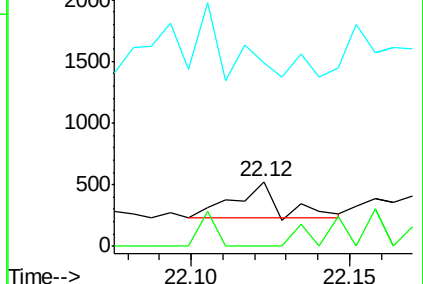
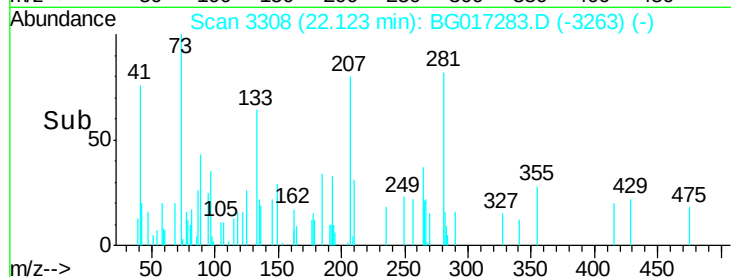
43 0.0 10.9 16.3#



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: 12.18 ng

RT: 25.87 min Scan# 3945

Delta R.T. 0.06 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

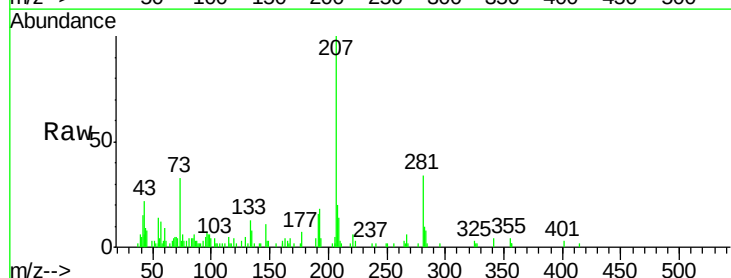
Tgt Ion:276 Resp: 56

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

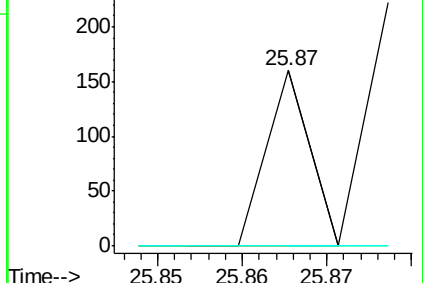
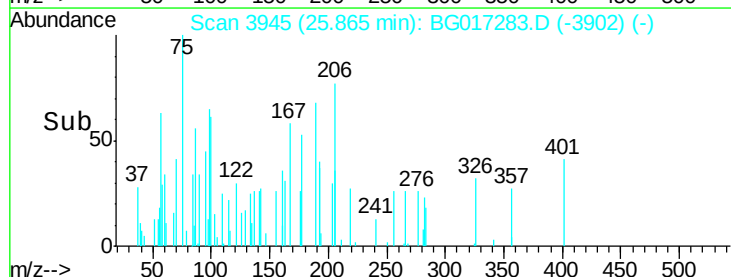
277 0.0 20.9 31.3#

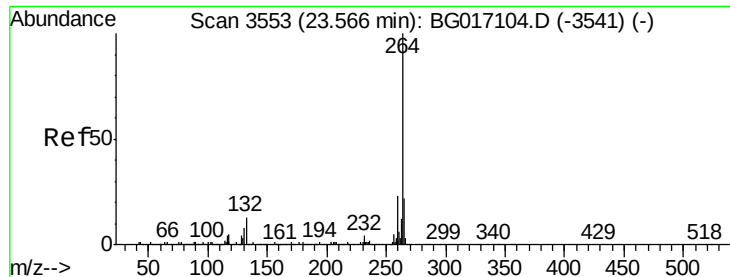


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.47 min Scan# 3537

Delta R.T. -0.04 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

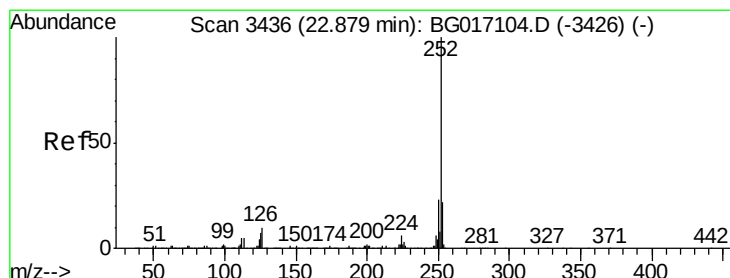
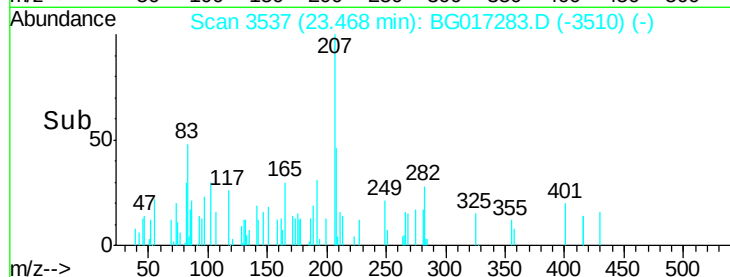
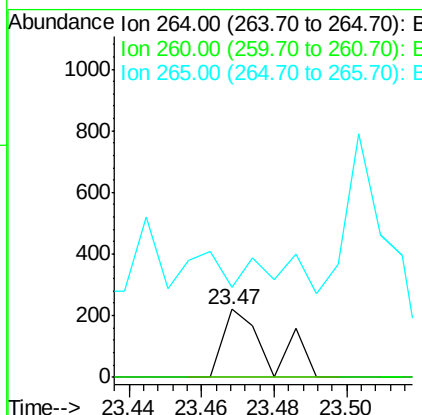
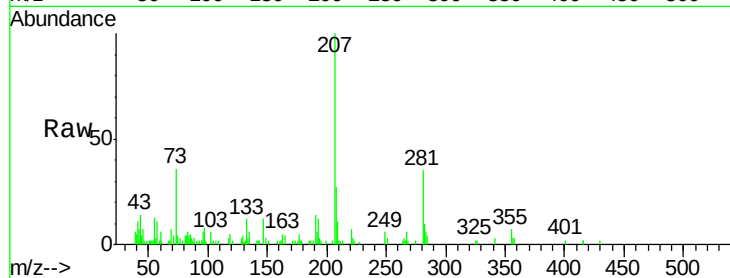
Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

Tgt Ion:	264	Resp:	194
Ion Ratio	Lower	Upper	
264	100		
260	0.0	18.0	27.0#
265	131.8	17.4	26.0#



#87

Benzo(b)fluoranthene

Concen: 19.10 ng

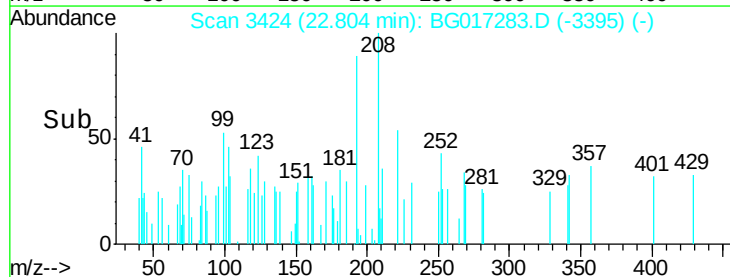
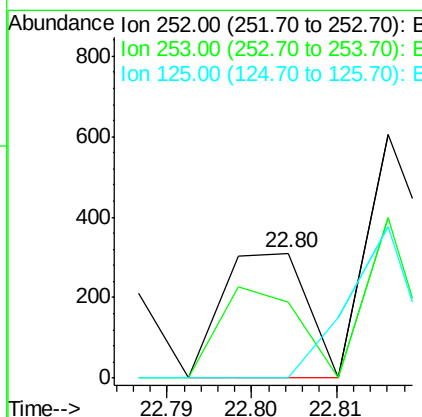
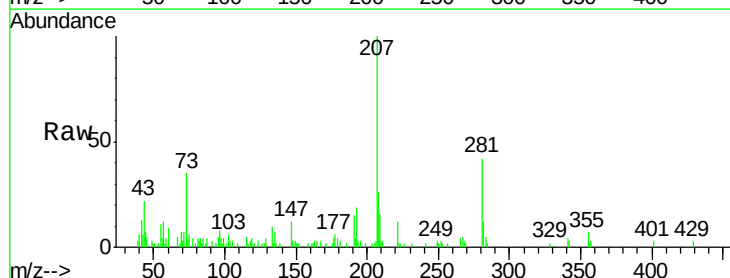
RT: 22.80 min Scan# 3424

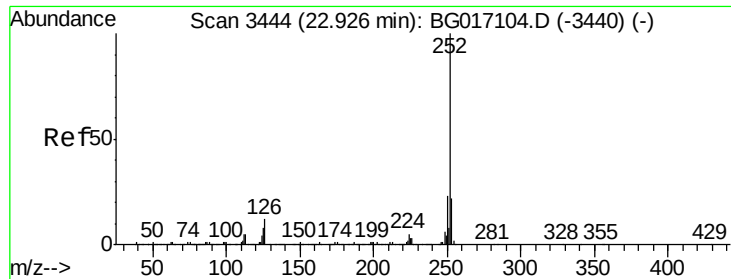
Delta R.T. -0.03 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Tgt Ion:	252	Resp:	216
Ion Ratio	Lower	Upper	
252	100		
253	60.6	17.4	26.2#
125	0.0	5.9	8.9#





#88

Benzo(k)fluoranthene

Concen: 64.82 ng

RT: 22.82 min Scan# 3426

Delta R.T. -0.06 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

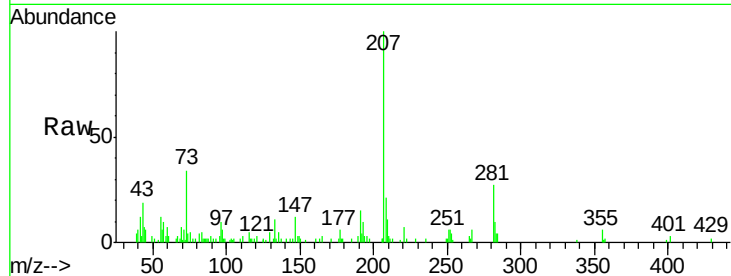
Tgt Ion:252 Resp: 696

Ion Ratio Lower Upper

252 100

253 65.8 17.8 26.6#

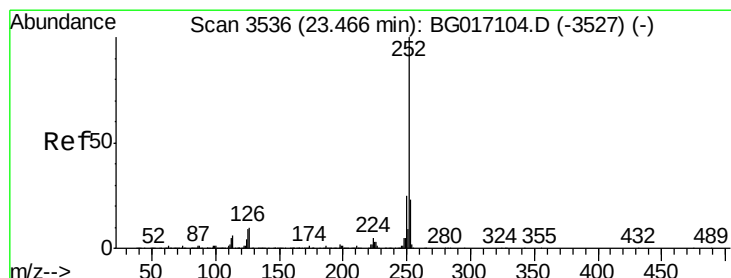
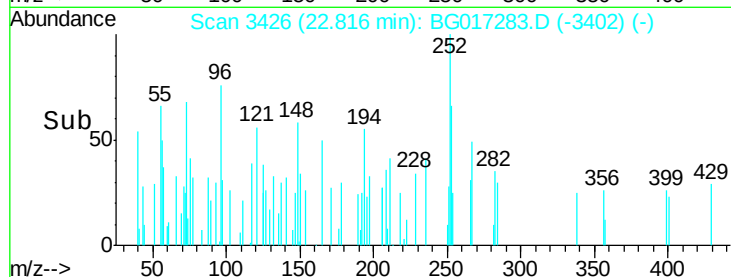
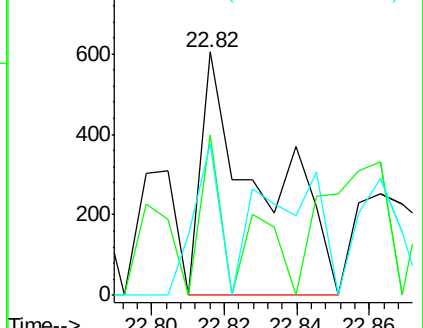
125 62.5 6.4 9.6#



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: 53.06 ng

RT: 23.39 min Scan# 3523

Delta R.T. -0.03 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

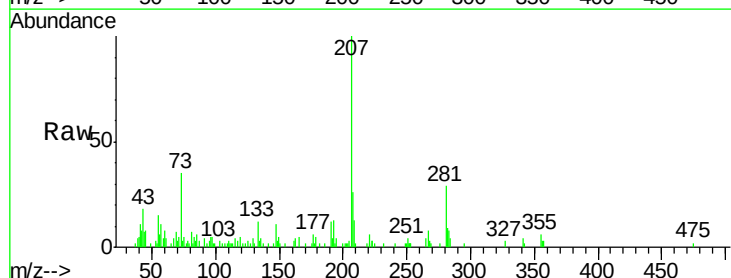
Tgt Ion:252 Resp: 551

Ion Ratio Lower Upper

252 100

253 32.8 18.4 27.6#

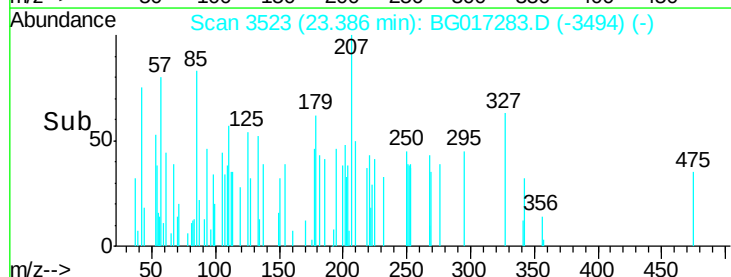
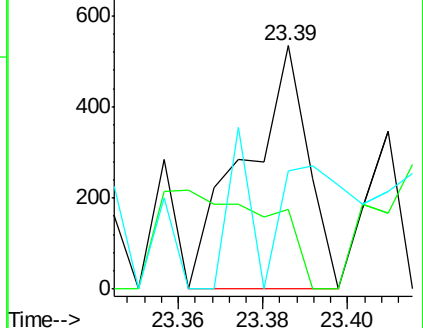
125 48.5 7.2 10.8#

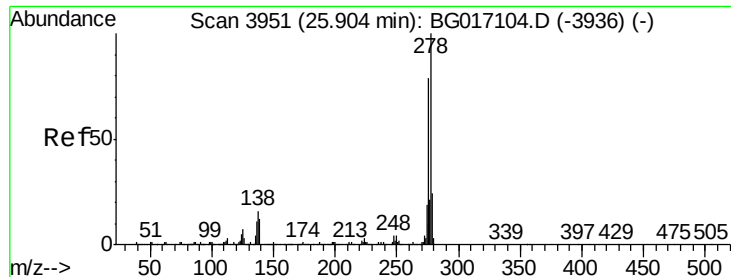


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 36.77 ng

RT: 25.77 min Scan# 3928

Delta R.T. -0.05 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

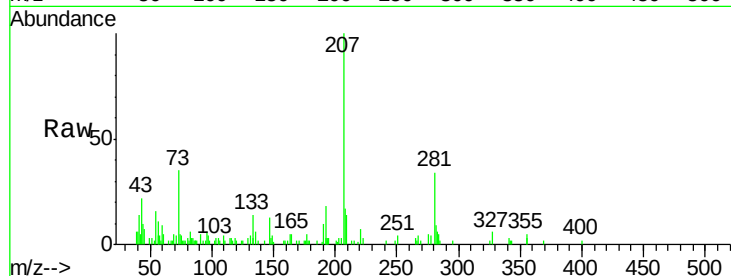
Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

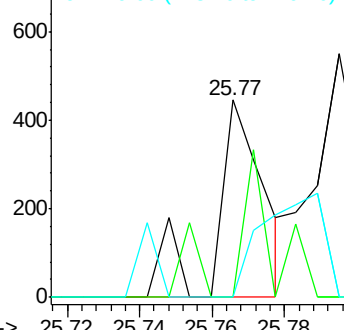
Tgt Ion:	278	Resp:	392
Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.2#
279	0.0	19.1	28.7#



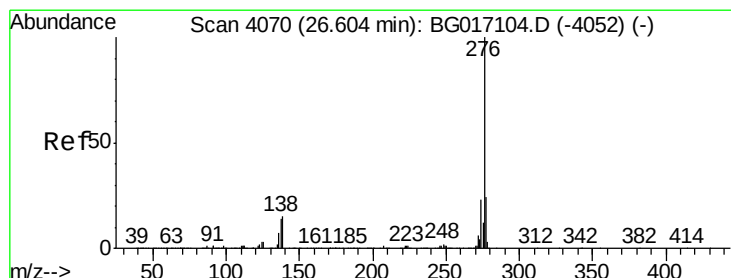
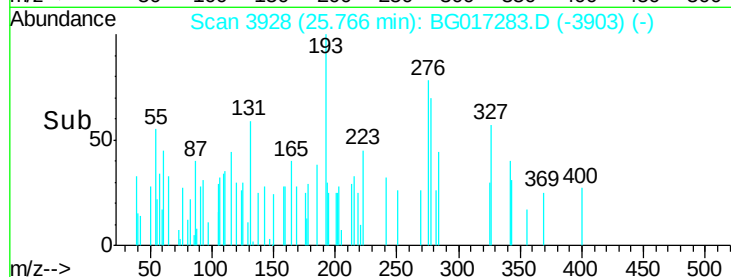
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 25.72 25.74 25.76 25.78



#91

Benzo(g,h,i)perylene

Concen: 37.87 ng

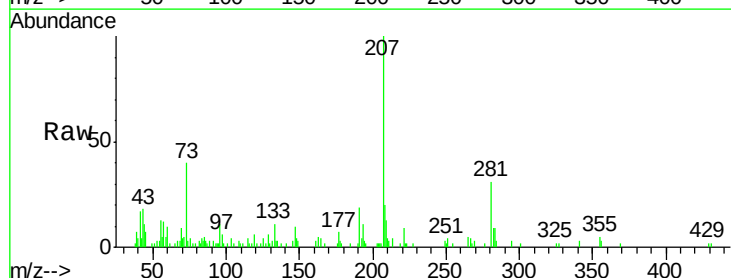
RT: 26.47 min Scan# 4048

Delta R.T. -0.04 min

Lab File: BG017283.D

Acq: 26 May 2015 18:38

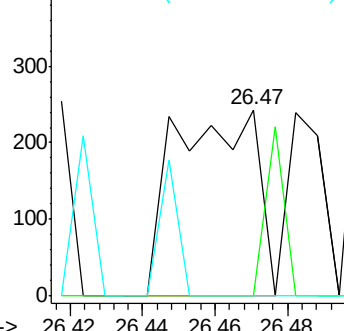
Tgt Ion:	276	Resp:	380
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.9	28.3#
138	0.0	11.8	17.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time--> 26.42 26.44 26.46 26.48

