

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017959.D
 Acq On : 18 Jul 2015 12:17
 Operator : TP/UM
 Sample : G3022-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3-5)

Quant Time: Jul 20 01:54:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

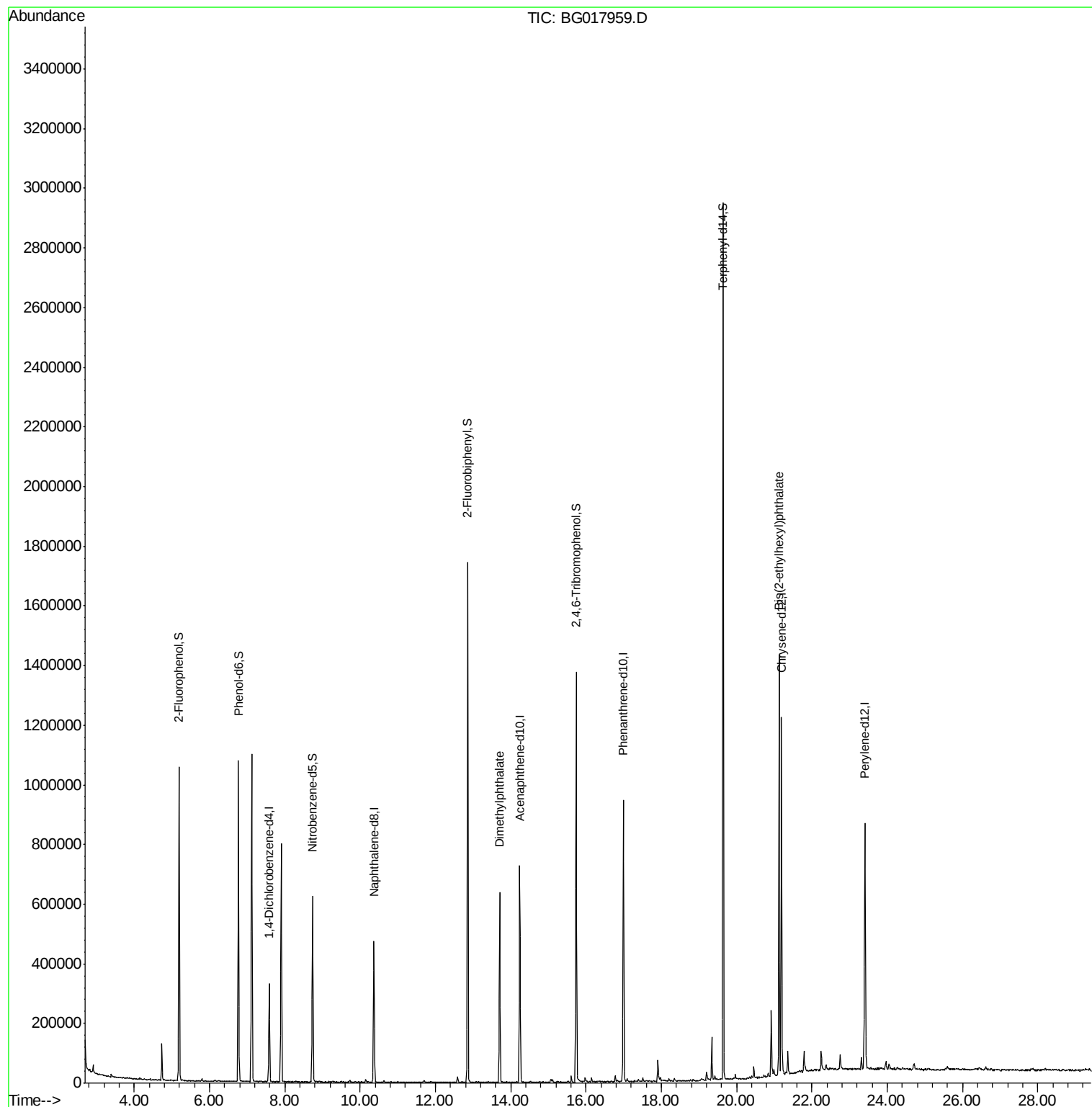
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	90045	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	401072	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	252533	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	546197	20.00	ng	0.00
75) Chrysene-d12	21.20	240	551635	20.00	ng	0.00
86) Perylene-d12	23.41	264	531997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	459876	89.09	ng	0.00
7) Phenol-d6	6.77	99	619510	91.61	ng	0.00
23) Nitrobenzene-d5	8.73	82	354228	57.20	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	227174	88.79	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	849485	58.29	ng	0.00
78) Terphenyl-d14	19.64	244	1239171	56.59	ng	0.00
Target Compounds						
32) Benzoic acid	9.87	122	56	Below Cal	#	1
49) Dimethylphthalate	13.70	163	391807	22.34	ng	99
64) 4,6-Dinitro-2-methylphenol	15.36	198	59	Below Cal	#	9
69) Pentachlorophenol	16.78	266	55	Below Cal	#	18
83) Bis(2-ethylhexyl)phthalate	21.13	149	476581	25.12	ng	100

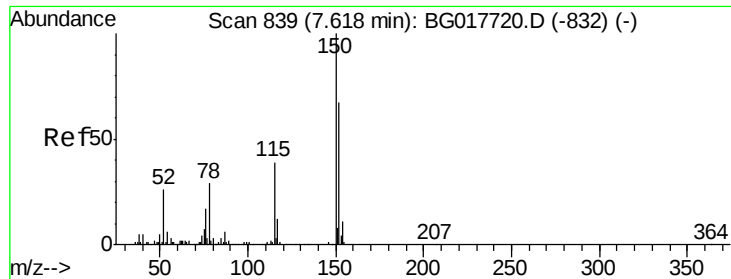
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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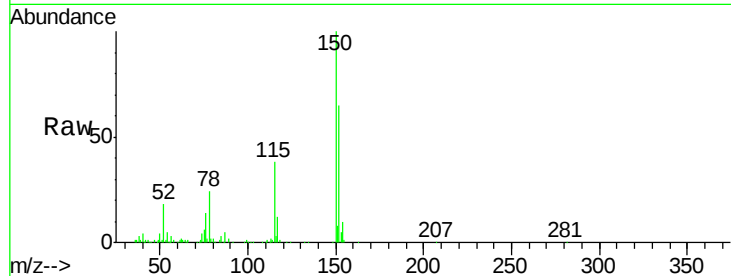


#1

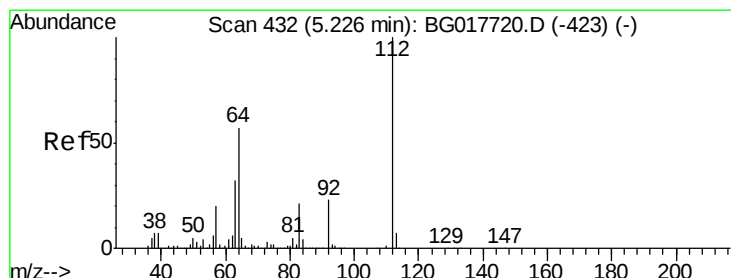
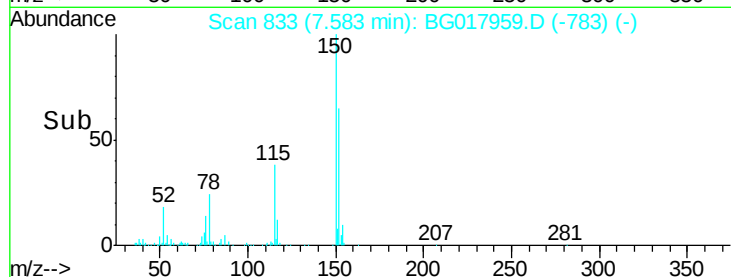
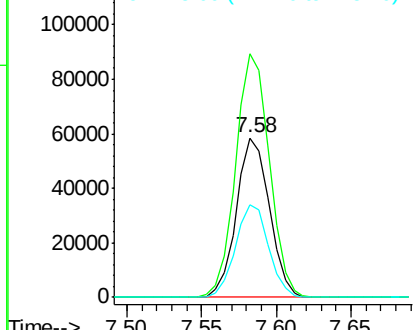
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017959.D
Acq: 18 Jul 2015 12:17

Instrument :
BNA_G
ClientSampleId :
SB-5(3-5)

Tgt Ion:152 Resp: 90045
Ion Ratio Lower Upper
152 100
150 152.8 119.1 178.7
115 57.8 47.0 70.4



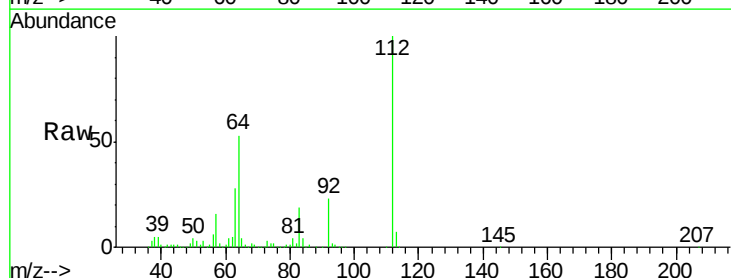
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



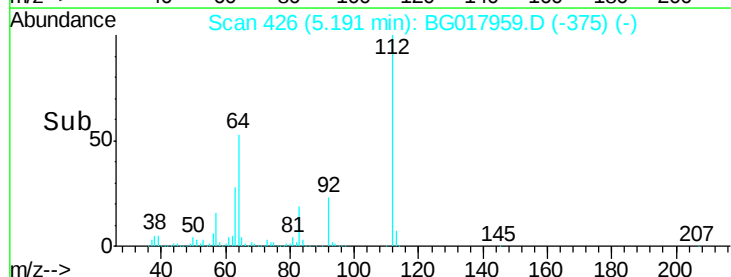
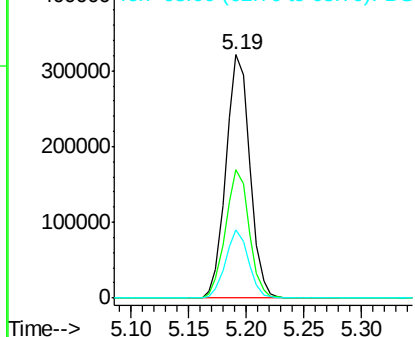
#5

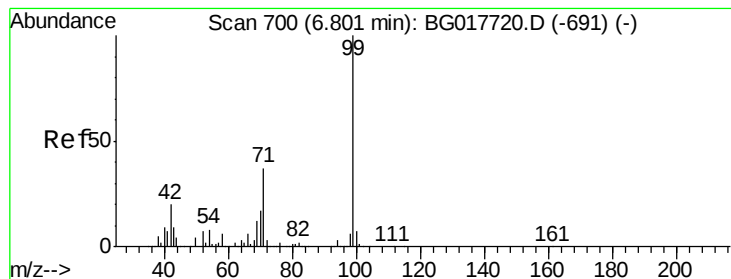
2-Fluorophenol
Concen: 89.09 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG017959.D
Acq: 18 Jul 2015 12:17

Tgt Ion:112 Resp: 459876
Ion Ratio Lower Upper
112 100
64 52.6 45.4 68.0
63 27.9 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.61 ng

RT: 6.77 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG017959.D

Acq: 18 Jul 2015 12:17

Instrument :

BNA_G

ClientSampled :

SB-5(3-5)

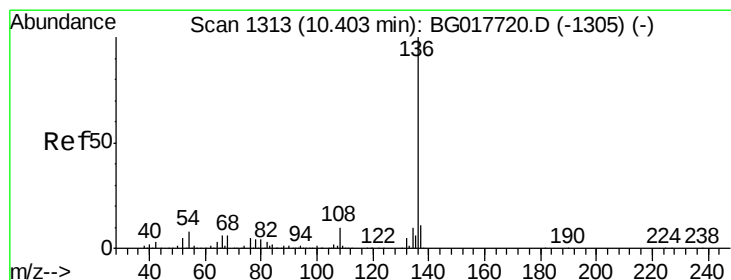
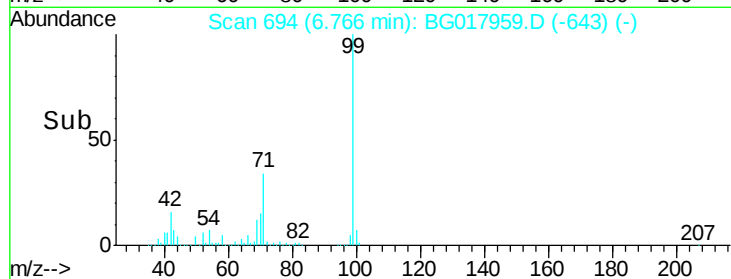
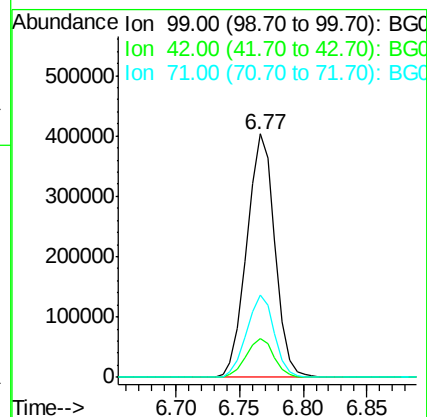
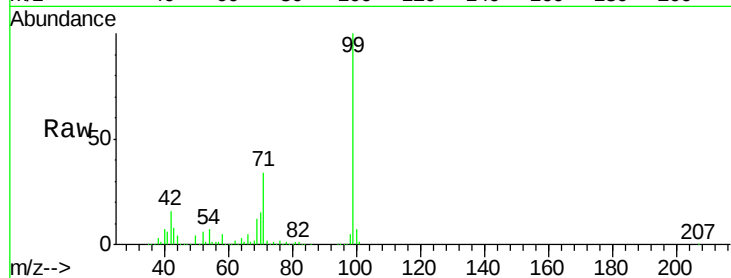
Tgt Ion: 99 Resp: 619510

Ion Ratio Lower Upper

99 100

42 16.2 16.2 24.4#

71 33.6 29.5 44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017959.D

Acq: 18 Jul 2015 12:17

Tgt Ion: 136 Resp: 401072

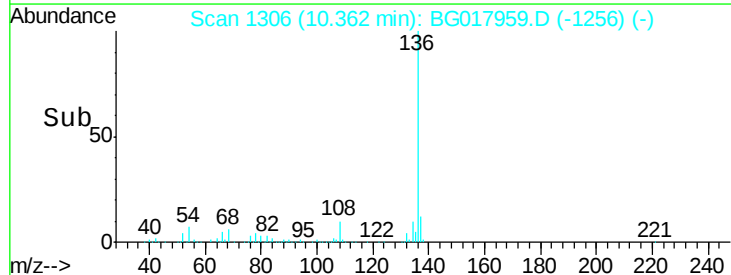
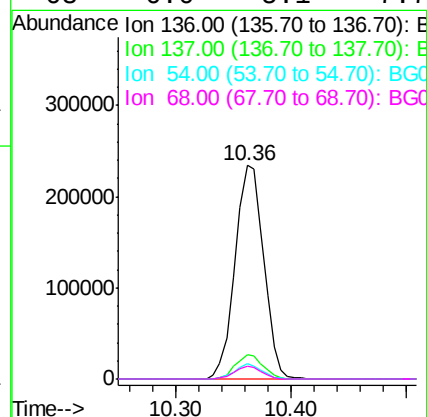
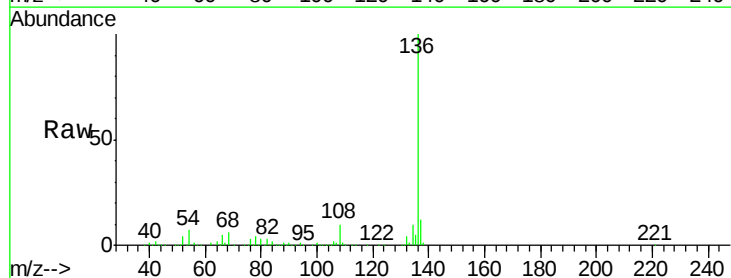
Ion Ratio Lower Upper

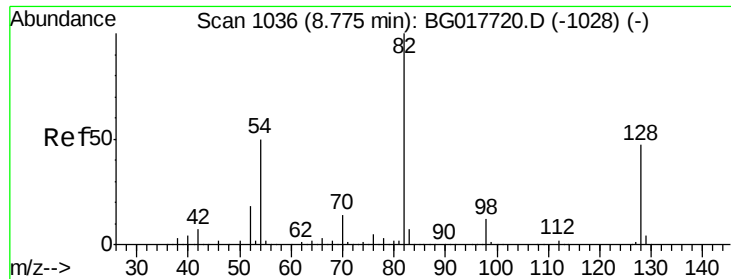
136 100

137 11.6 8.8 13.2

54 7.1 6.6 9.8

68 6.0 5.1 7.7

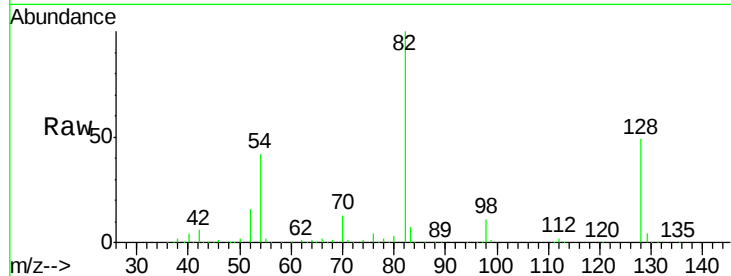




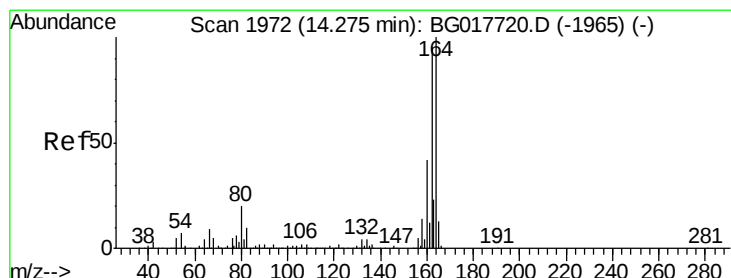
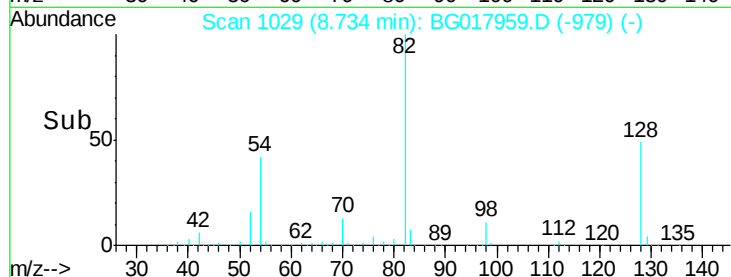
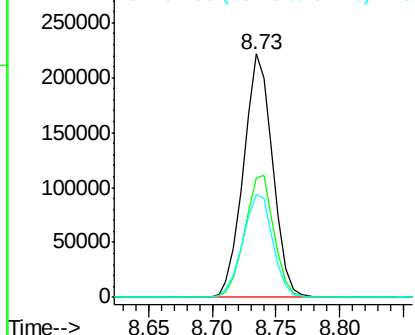
#23
Nitrobenzene-d5
Concen: 57.20 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG017959.D
Acq: 18 Jul 2015 12:17

Instrument :
BNA_G
ClientSampleId :
SB-5(3-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.8	56.6
54	42.1	39.9	59.9

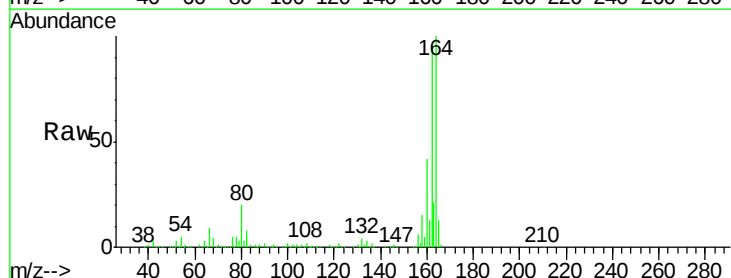


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

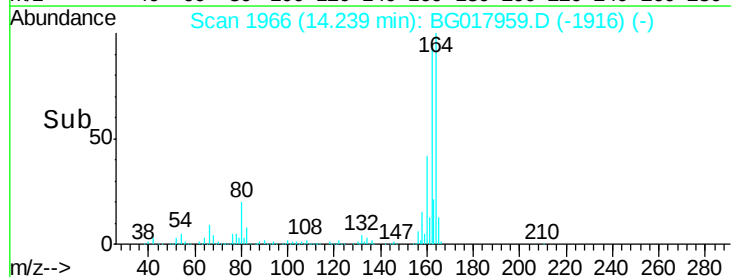
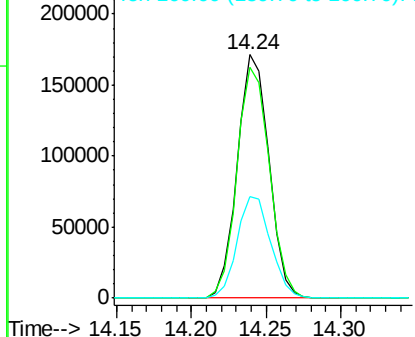


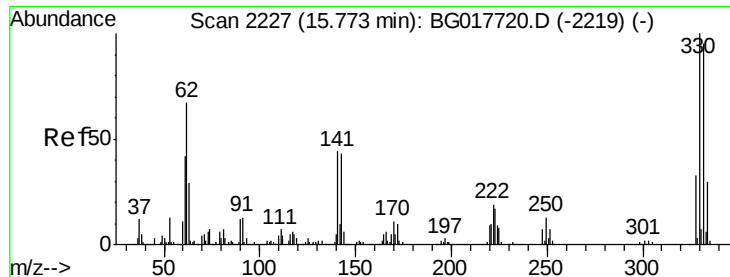
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG017959.D
Acq: 18 Jul 2015 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.0	76.3	114.5
160	41.9	33.7	50.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

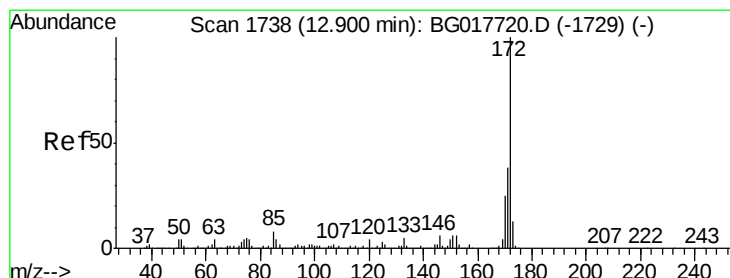
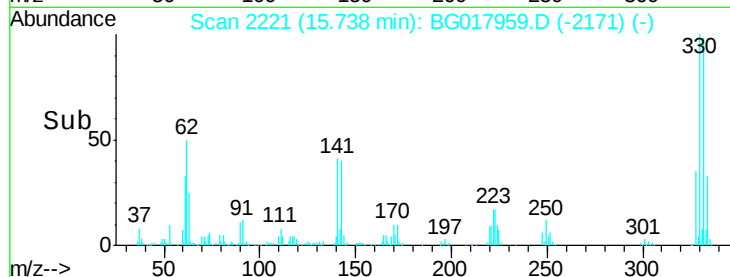
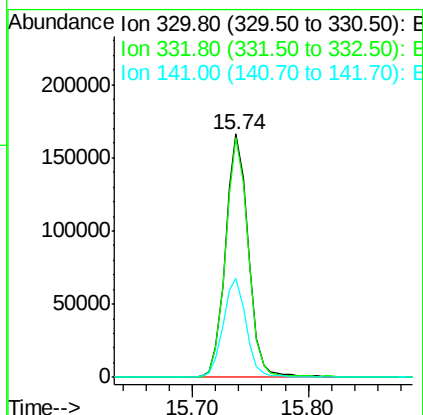
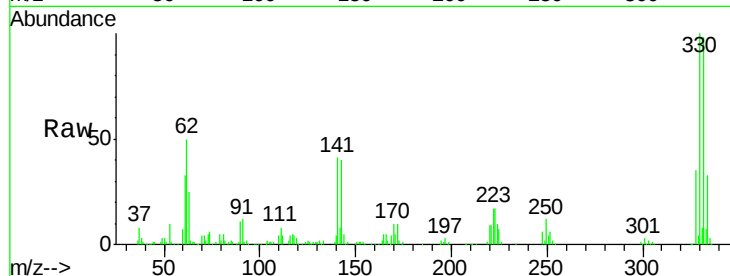




#41
 2,4,6-Tribromophenol
 Concen: 88.79 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017959.D
 Acq: 18 Jul 2015 12:17

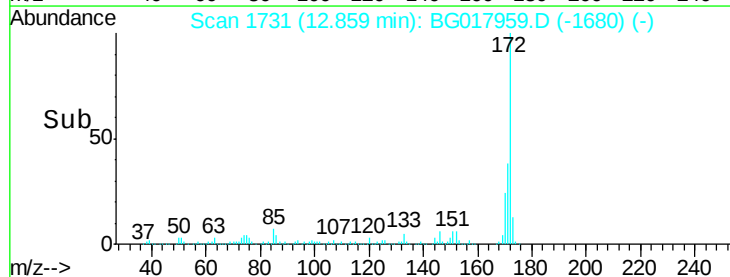
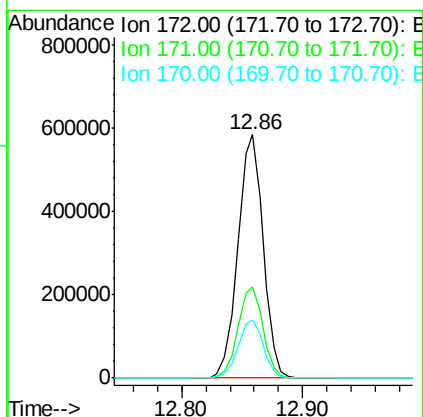
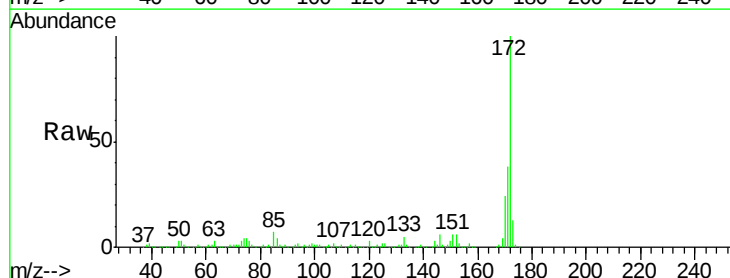
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3-5)

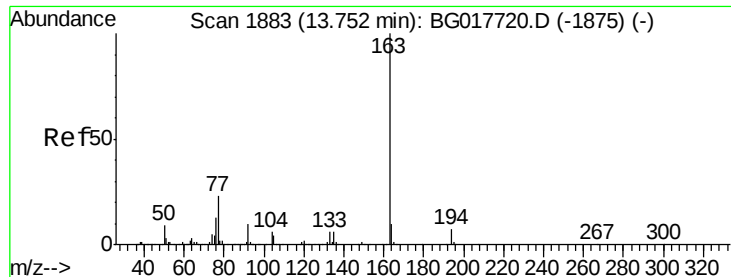
Tgt Ion:330 Resp: 227174
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 41.0 38.0 57.0



#44
 2-Fluorobiphenyl
 Concen: 58.29 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017959.D
 Acq: 18 Jul 2015 12:17

Tgt Ion:172 Resp: 849485
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.7 46.1
 170 24.0 19.7 29.5





#49

Dimethylphthalate

Concen: 22.34 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017959.D

Acq: 18 Jul 2015 12:17

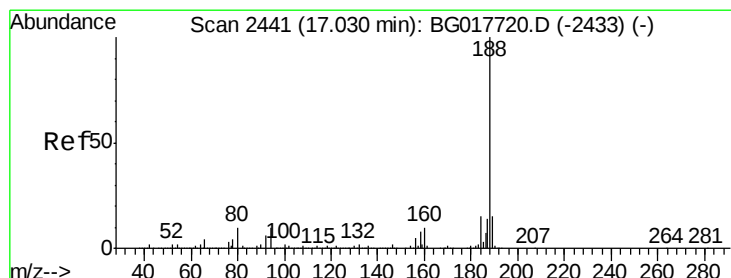
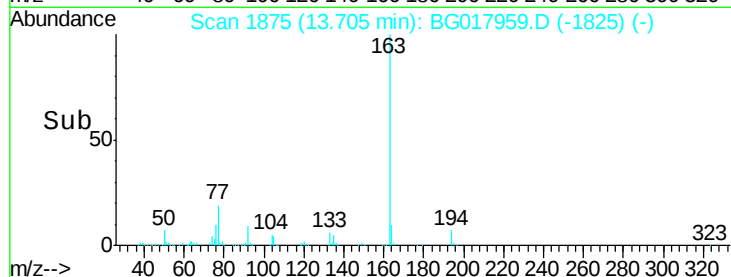
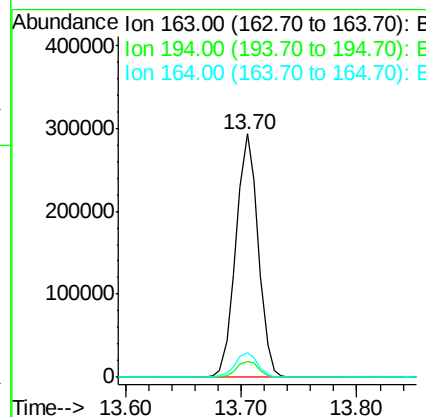
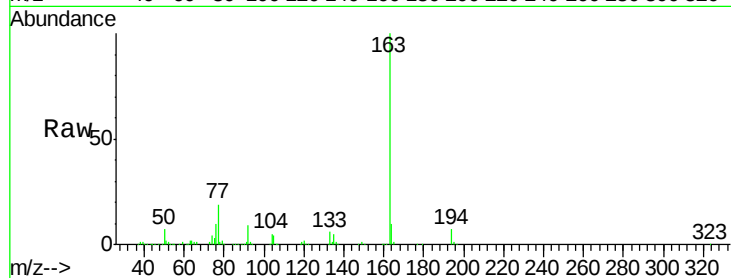
Instrument :

BNA_G

ClientSampleId :

SB-5(3-5)

Tgt Ion:	163	Resp:	391807
Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.8	8.6
164	10.2	8.3	12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

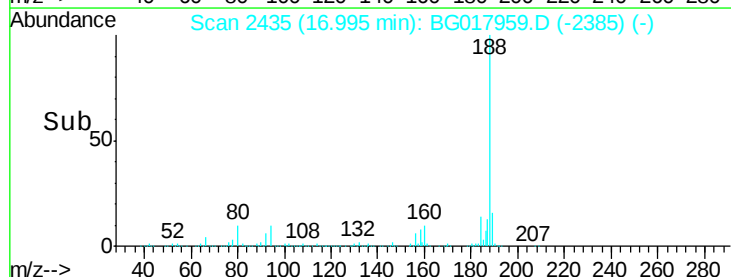
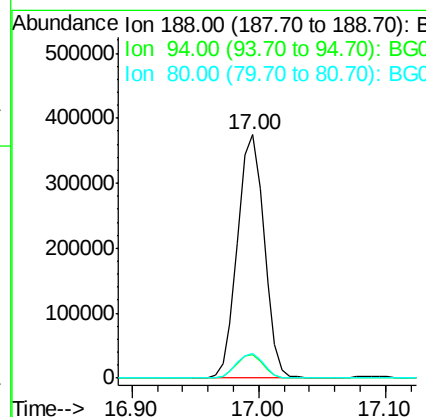
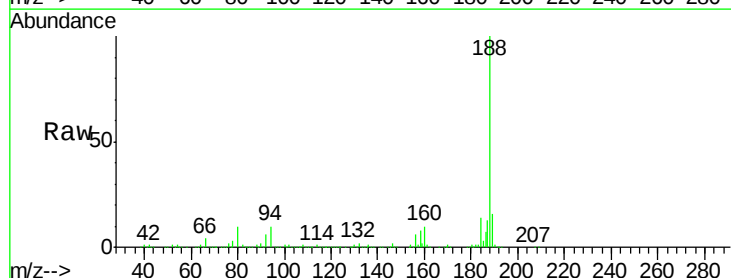
RT: 17.00 min Scan# 2435

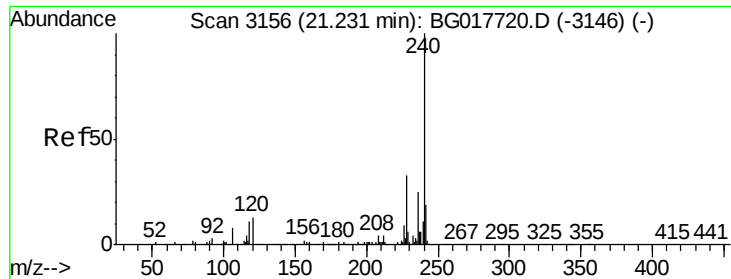
Delta R.T. -0.01 min

Lab File: BG017959.D

Acq: 18 Jul 2015 12:17

Tgt Ion:	188	Resp:	546197
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.1	8.2	12.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017959.D

Acq: 18 Jul 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SB-5(3-5)

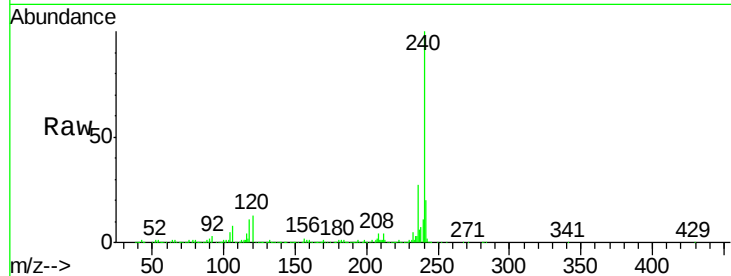
Tgt Ion:240 Resp: 551635

Ion Ratio Lower Upper

240 100

120 13.2 10.8 16.2

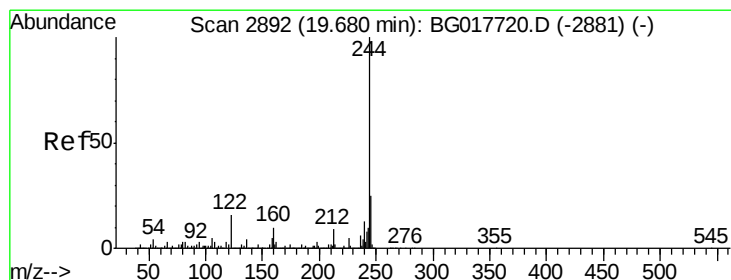
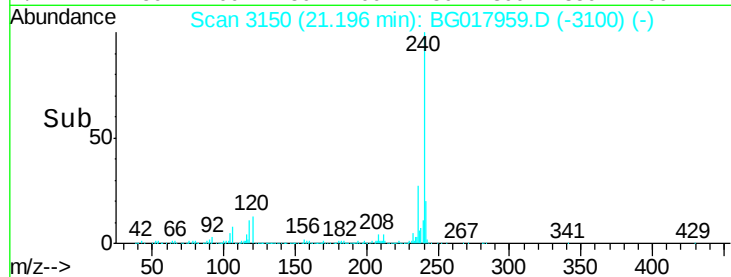
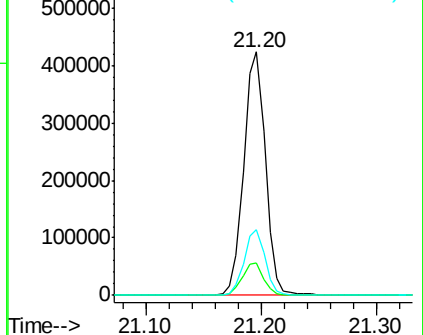
236 27.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 56.59 ng

RT: 19.64 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG017959.D

Acq: 18 Jul 2015 12:17

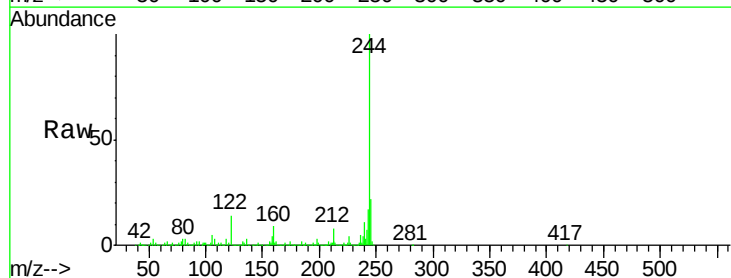
Tgt Ion:244 Resp: 1239171

Ion Ratio Lower Upper

244 100

212 7.6 7.2 10.8

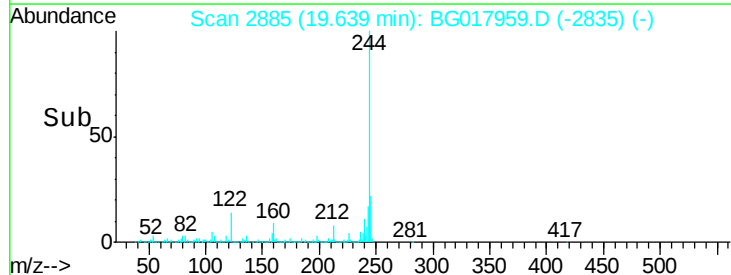
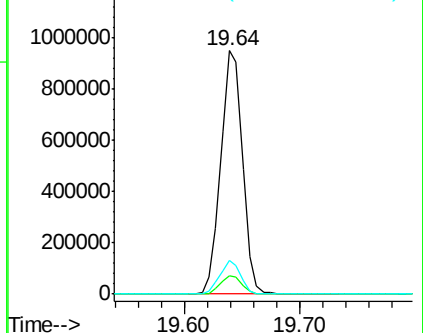
122 14.0 12.8 19.2

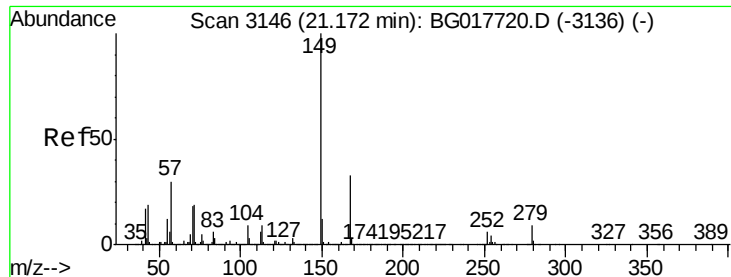


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

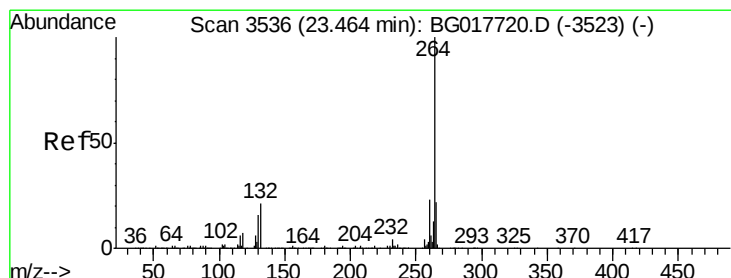
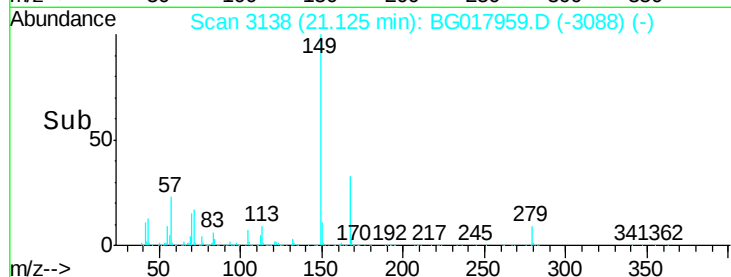
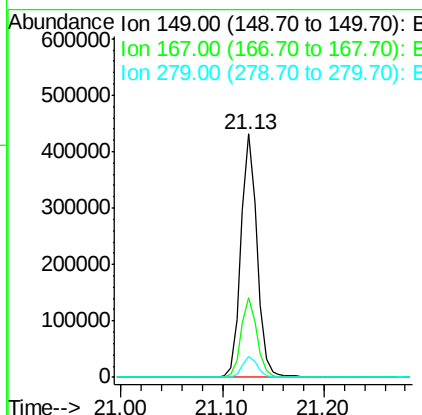
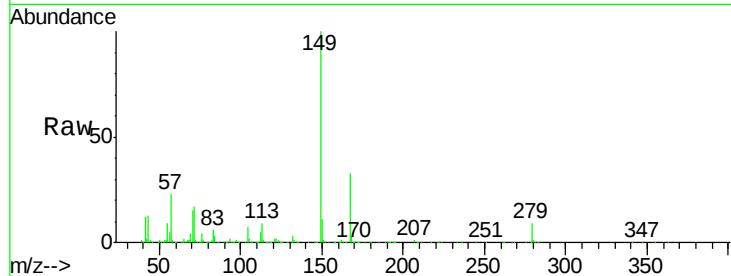




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.12 ng
 RT: 21.13 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG017959.D
 Acq: 18 Jul 2015 12:17

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3-5)

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.0	26.6	39.8
279	8.6	6.9	10.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.41 min Scan# 3527
 Delta R.T. -0.01 min
 Lab File: BG017959.D
 Acq: 18 Jul 2015 12:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.0	18.2	27.2

