

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021220.D
 Acq On : 2 Mar 2016 19:41
 Operator : UM/SJ
 Sample : H1642-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 00:12:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

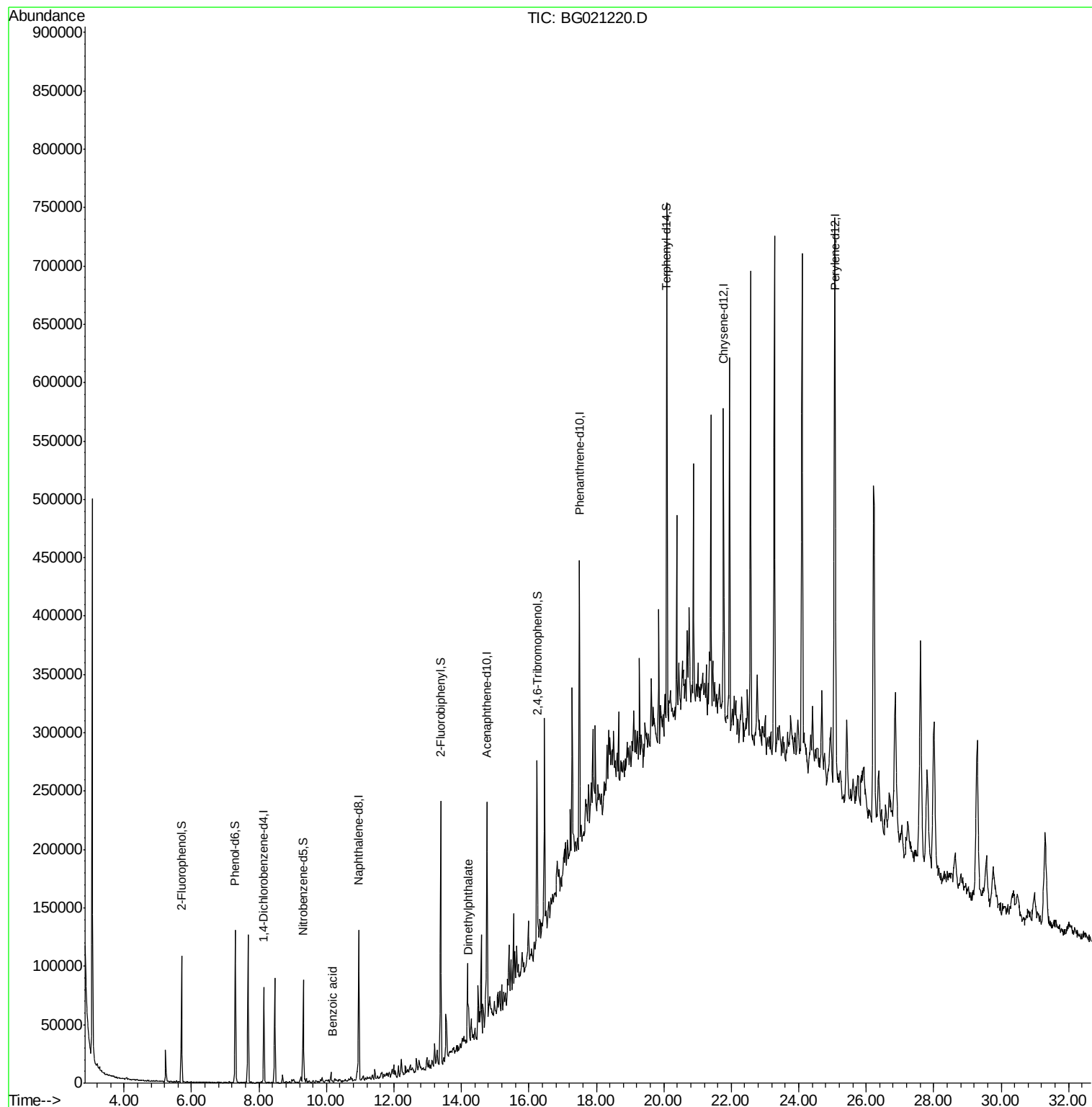
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	20583	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	98585	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	57013	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	124922	20.00	ng	0.00
75) Chrysene-d12	21.77	240	141354	20.00	ng	0.00
86) Perylene-d12	25.07	264	137600	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	42154	32.56	ng	0.00
7) Phenol-d6	7.30	99	73512	34.53	ng	0.00
23) Nitrobenzene-d5	9.31	82	54970	23.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	22903	38.61	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	106589	26.55	ng	0.00
78) Terphenyl-d14	20.09	244	158280	27.13	ng	0.00
Target Compounds						
32) Benzoic acid	10.18	122	198	5.81	ng	# 34
49) Dimethylphthalate	14.20	163	16363	3.22	ng	# 95

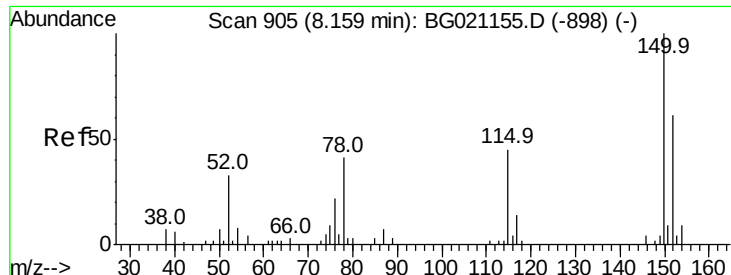
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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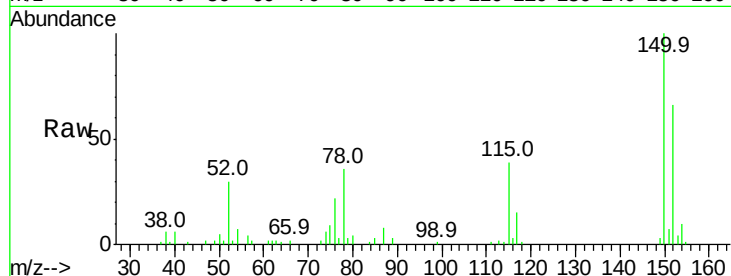


#1

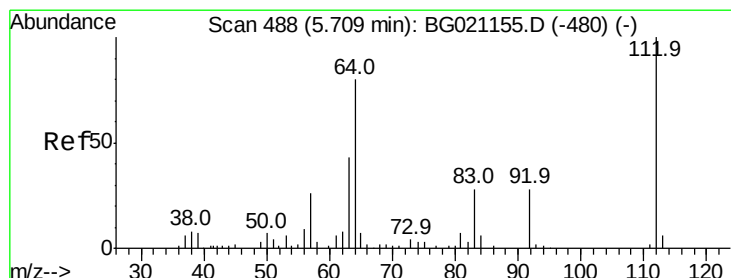
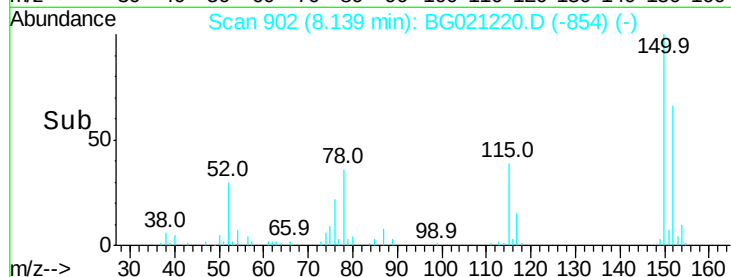
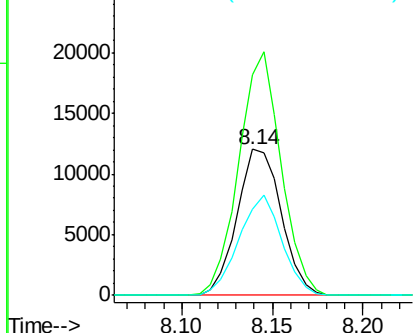
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20583
Ion Ratio Lower Upper
152 100
150 151.1 123.4 185.2
115 58.8 43.3 64.9



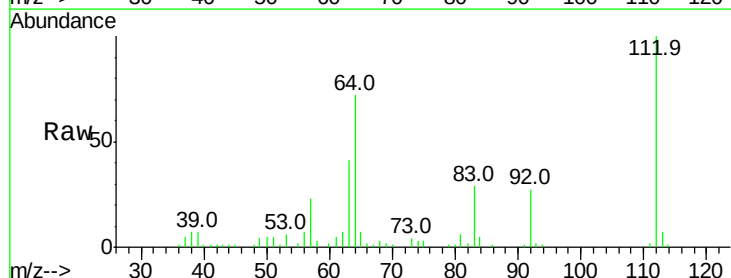
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



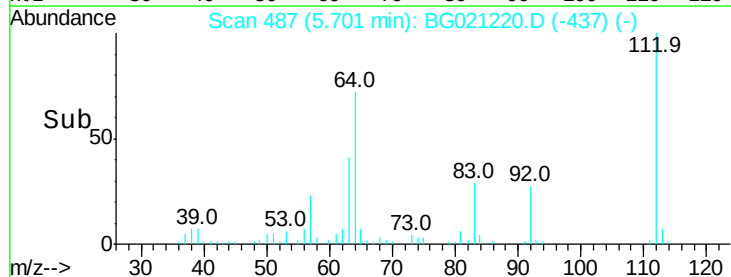
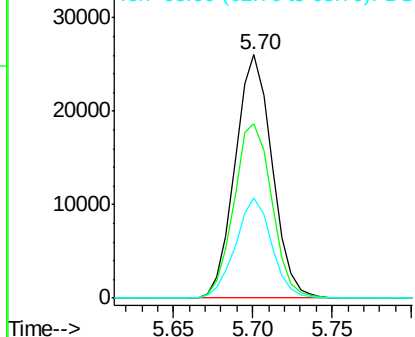
#5

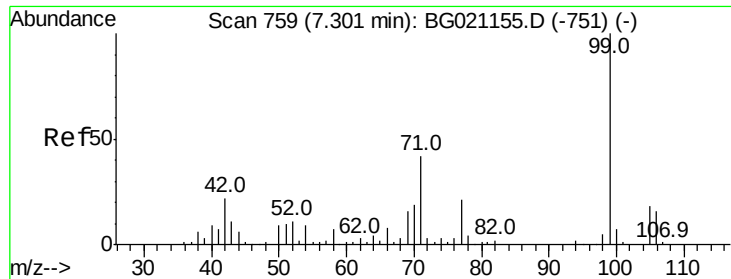
2-Fluorophenol
Concen: 32.56 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Tgt Ion:112 Resp: 42154
Ion Ratio Lower Upper
112 100
64 71.6 42.6 63.8#
63 40.9 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 34.53 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Instrument :

BNA_G

ClientSampled :

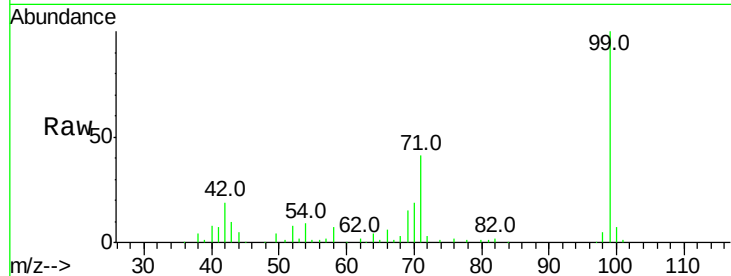
Tot Ion: 99 Resp: 73512

Ion Ratio Lower Upper

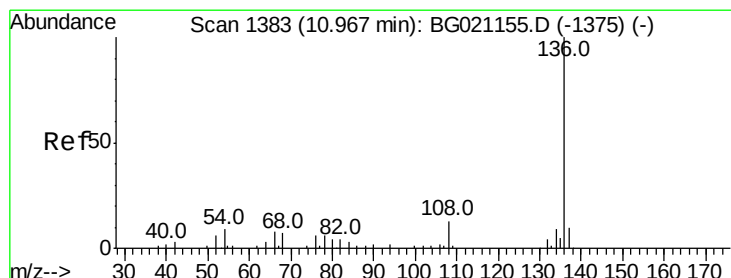
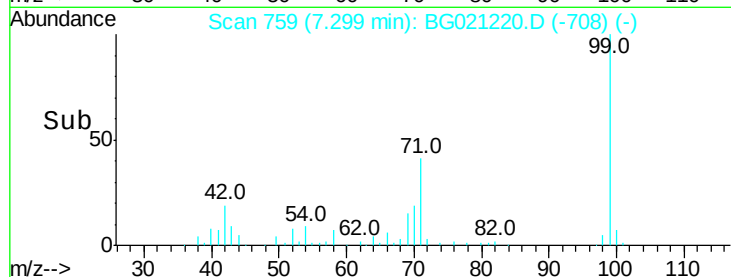
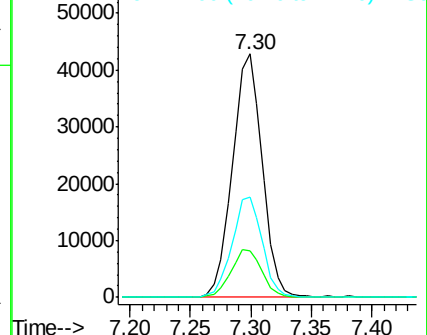
99 100

42 19.1 13.2 19.8

71 41.4 25.2 37.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Tgt Ion: 136 Resp: 98585

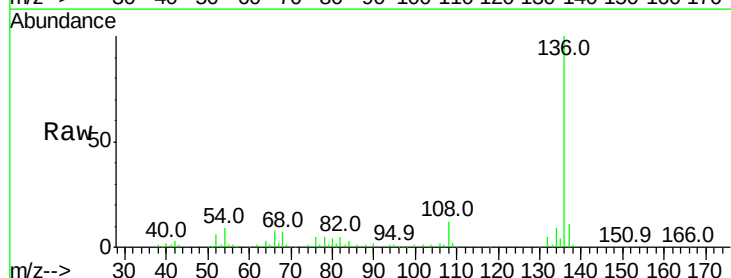
Ion Ratio Lower Upper

136 100

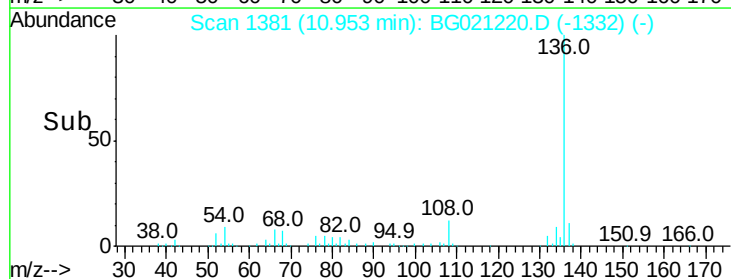
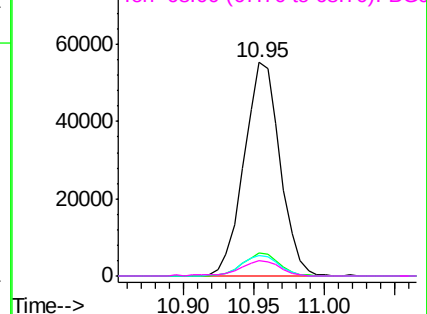
137 10.8 8.8 13.2

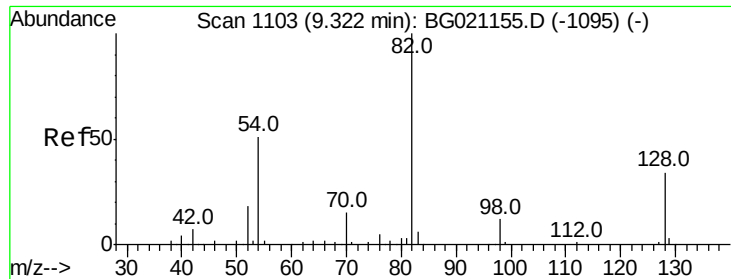
54 9.4 6.9 10.3

68 7.4 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

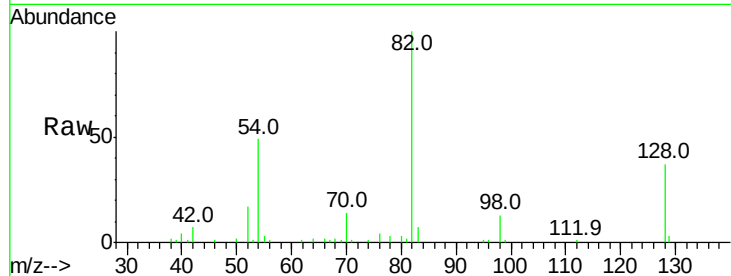




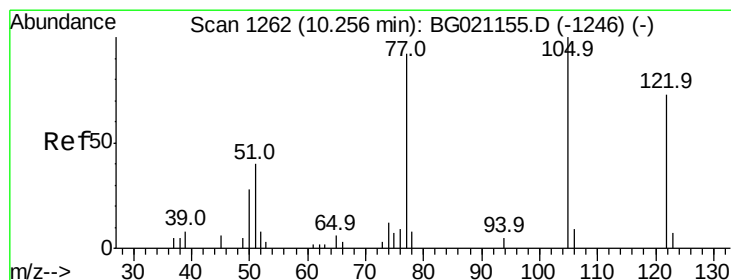
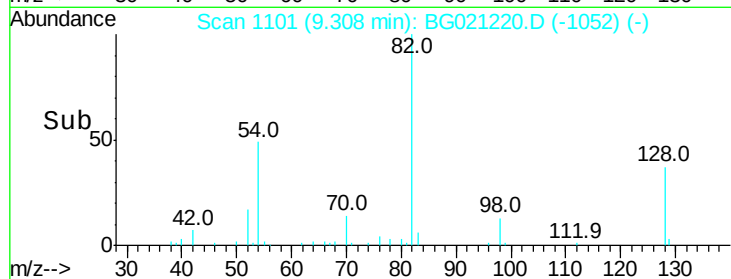
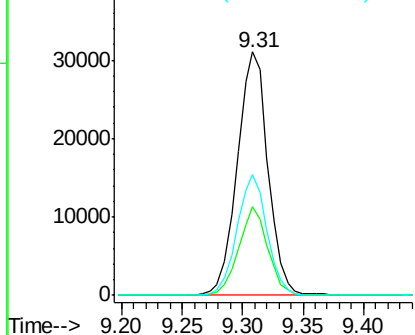
#23
 Nitrobenzene-d5
 Concen: 23.59 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BG021220.D
 Acq: 2 Mar 2016 19:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	54970
Ion Ratio	Lower	Upper	
82	100		
128	36.7	36.3	54.5
54	49.3	37.6	56.4

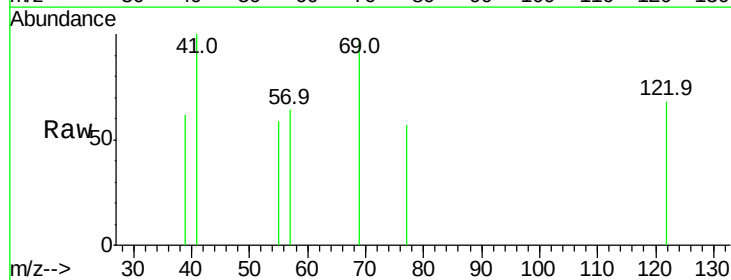


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

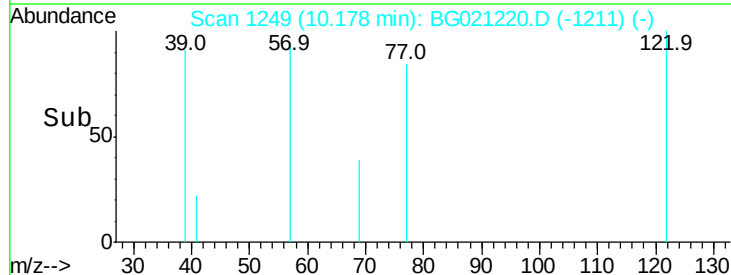
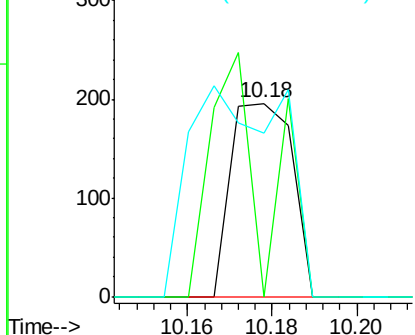


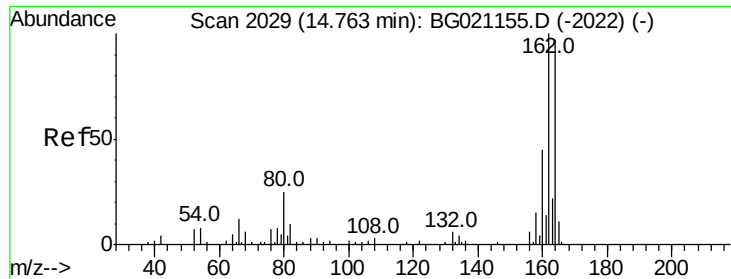
#32
 Benzoic acid
 Concen: 5.81 ng
 RT: 10.18 min Scan# 1249
 Delta R.T. -0.08 min
 Lab File: BG021220.D
 Acq: 2 Mar 2016 19:41

Tgt Ion	122	Resp	198
Ion Ratio	Lower	Upper	
122	100		
105	0.0	98.7	138.7#
77	84.2	84.5	124.5#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

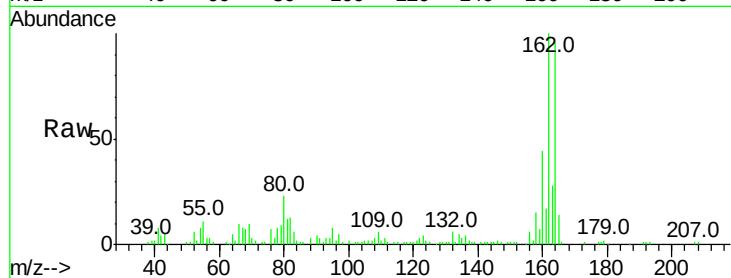
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 57013

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	120.8
160	45.9	36.5	54.7

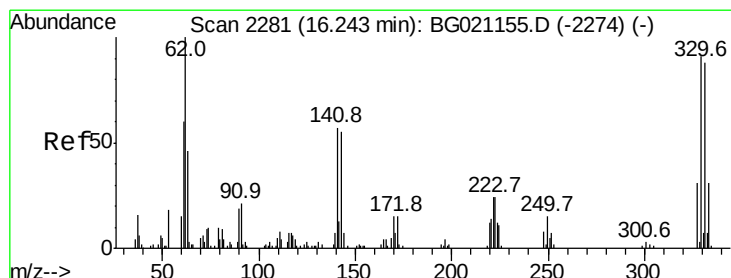
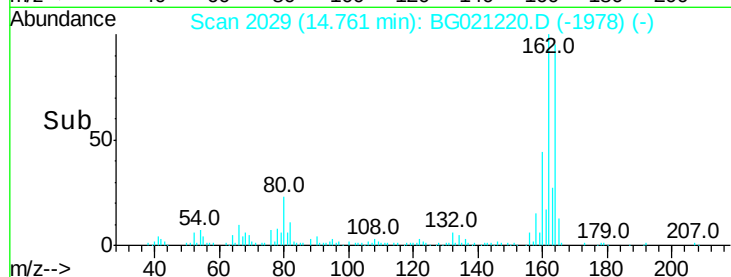
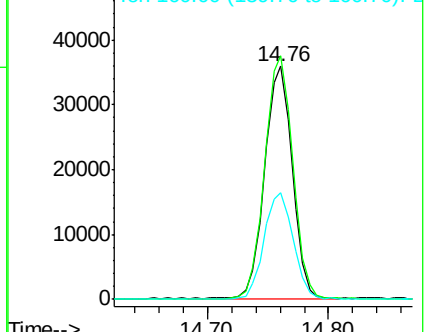


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 38.61 ng

RT: 16.24 min Scan# 2281

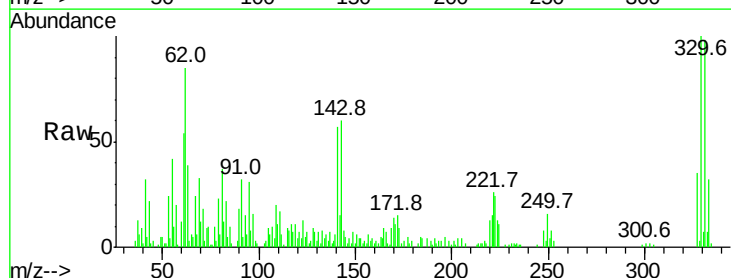
Delta R.T. -0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Tgt Ion:330 Resp: 22903

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	54.9	35.3	52.9#

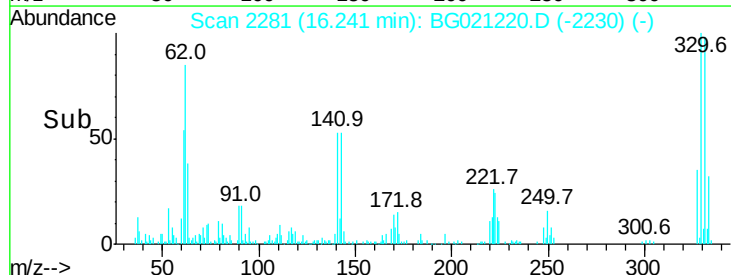
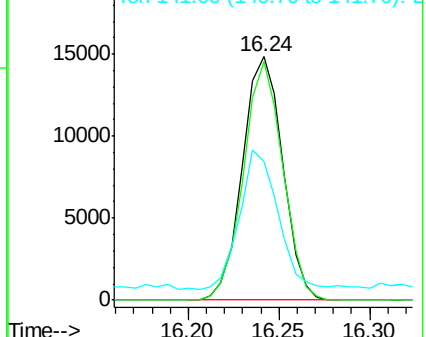


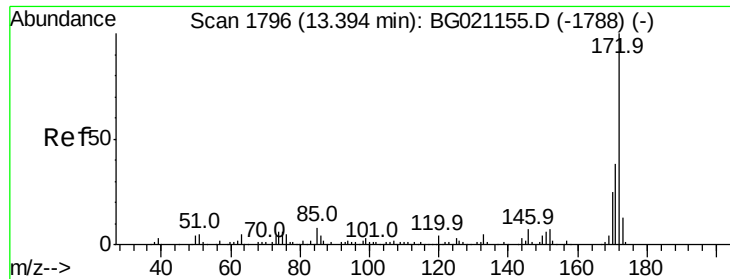
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

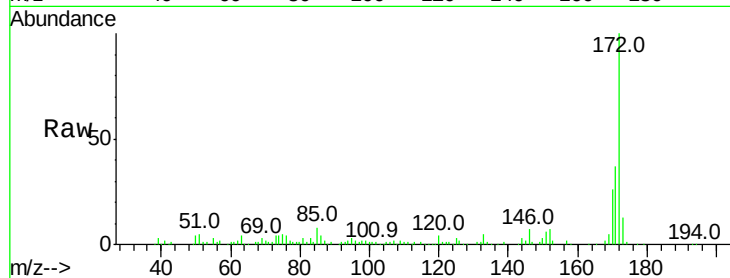




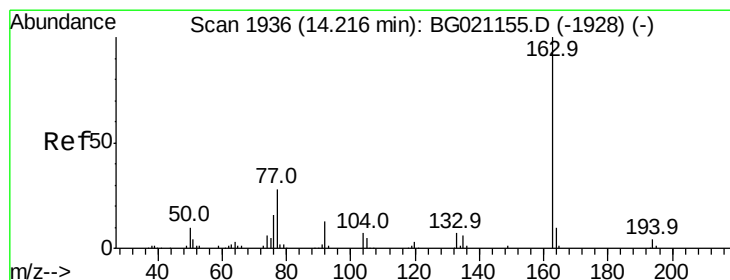
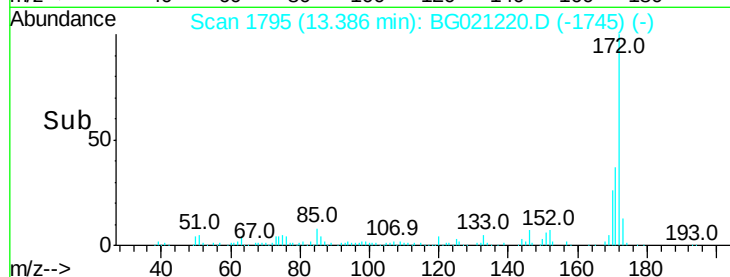
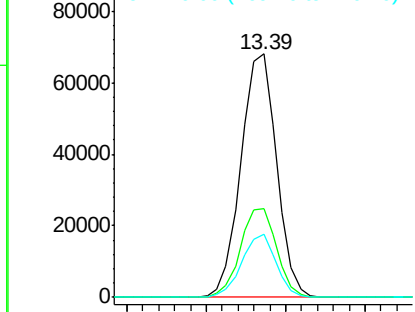
#44
2-Fluorobiphenyl
Concen: 26.55 ng
RT: 13.39 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 106589
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 25.8 19.8 29.8

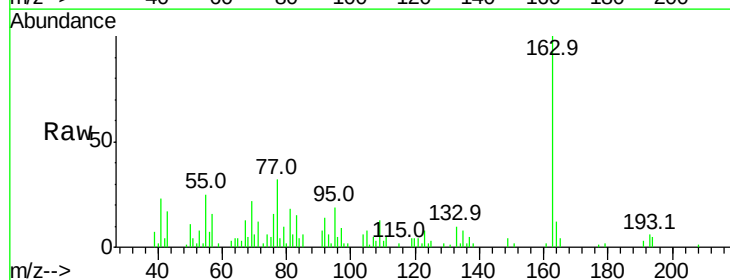


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

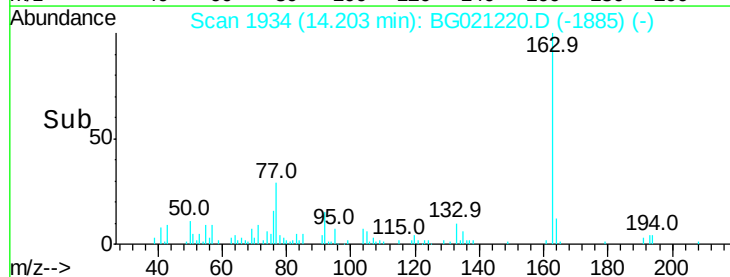
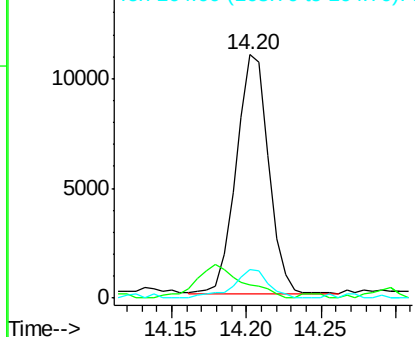


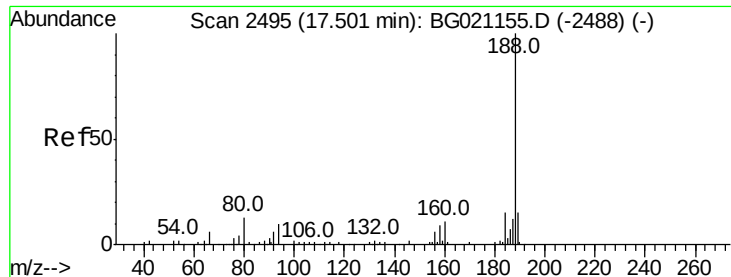
#49
Dimethylphthalate
Concen: 3.22 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Tgt Ion:163 Resp: 16363
Ion Ratio Lower Upper
163 100
194 5.2 2.8 4.2#
164 11.8 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Instrument :

BNA_G

ClientSampled :

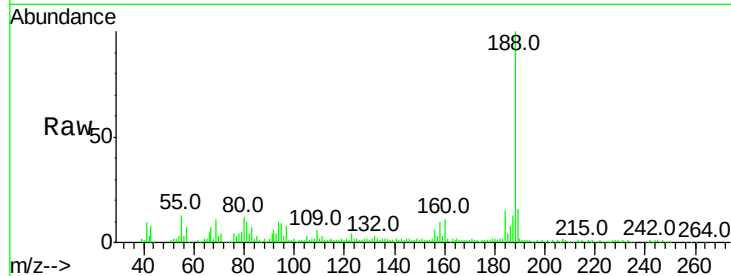
Tot Ion:188 Resp: 124922

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

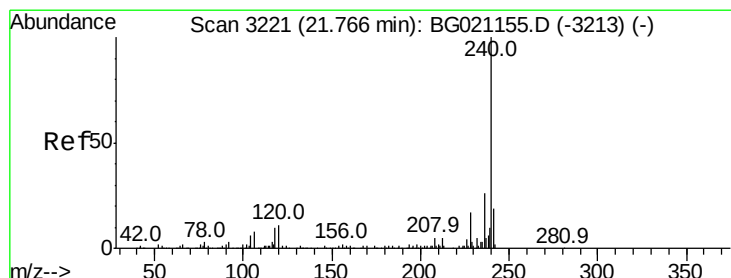
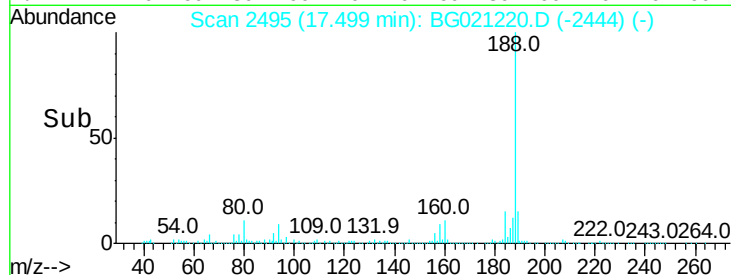
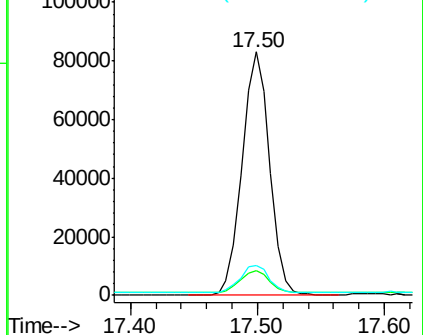
80 12.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

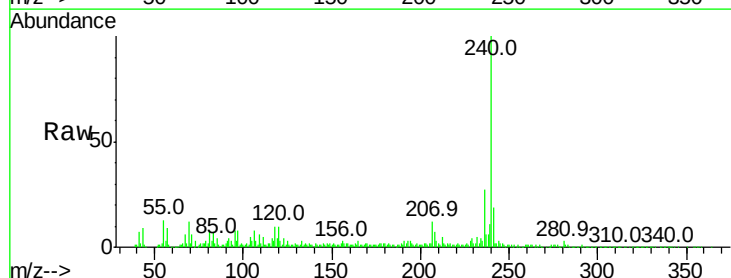
Tgt Ion:240 Resp: 141354

Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

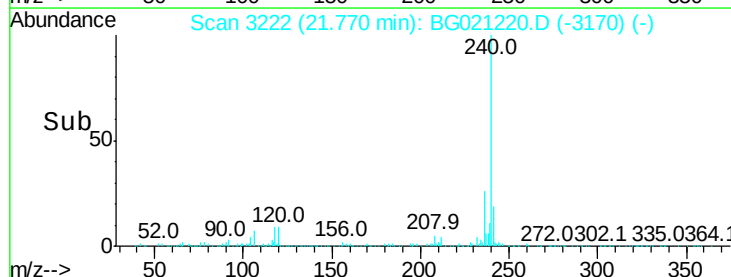
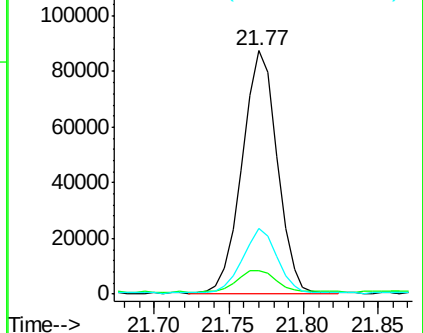
236 26.9 20.5 30.7

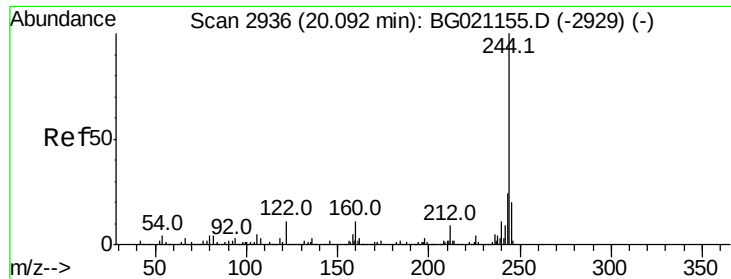


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

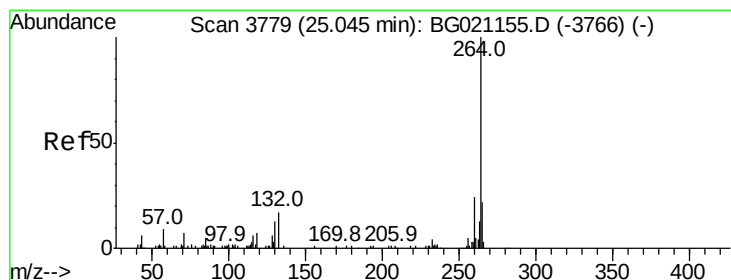
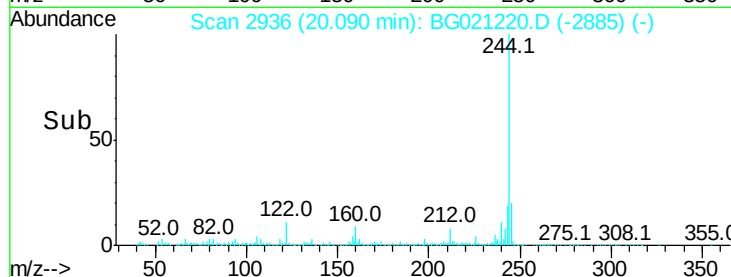
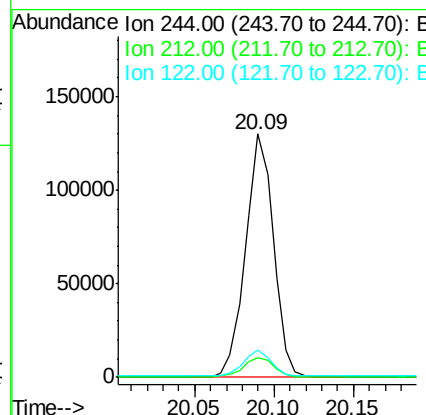
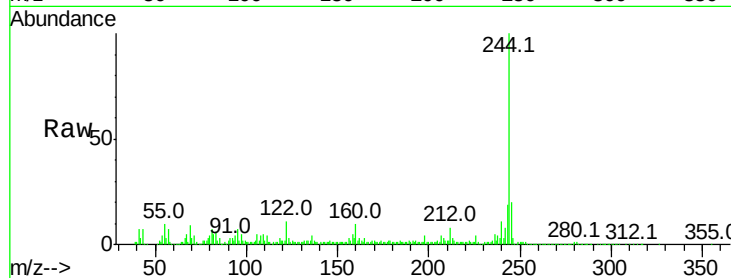




#78
 Terphenyl-d14
 Concen: 27.13 ng
 RT: 20.09 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: BG021220.D
 Acq: 2 Mar 2016 19:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 158280
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.6
 122 11.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3783
 Delta R.T. 0.02 min
 Lab File: BG021220.D
 Acq: 2 Mar 2016 19:41

Tgt Ion:264 Resp: 137600
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 22.6 18.6 28.0

