

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010255.D
 Acq On : 26 May 2017 13:59
 Operator : SJ/MA
 Sample : I3221-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-10

Quant Time: May 27 00:24:36 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

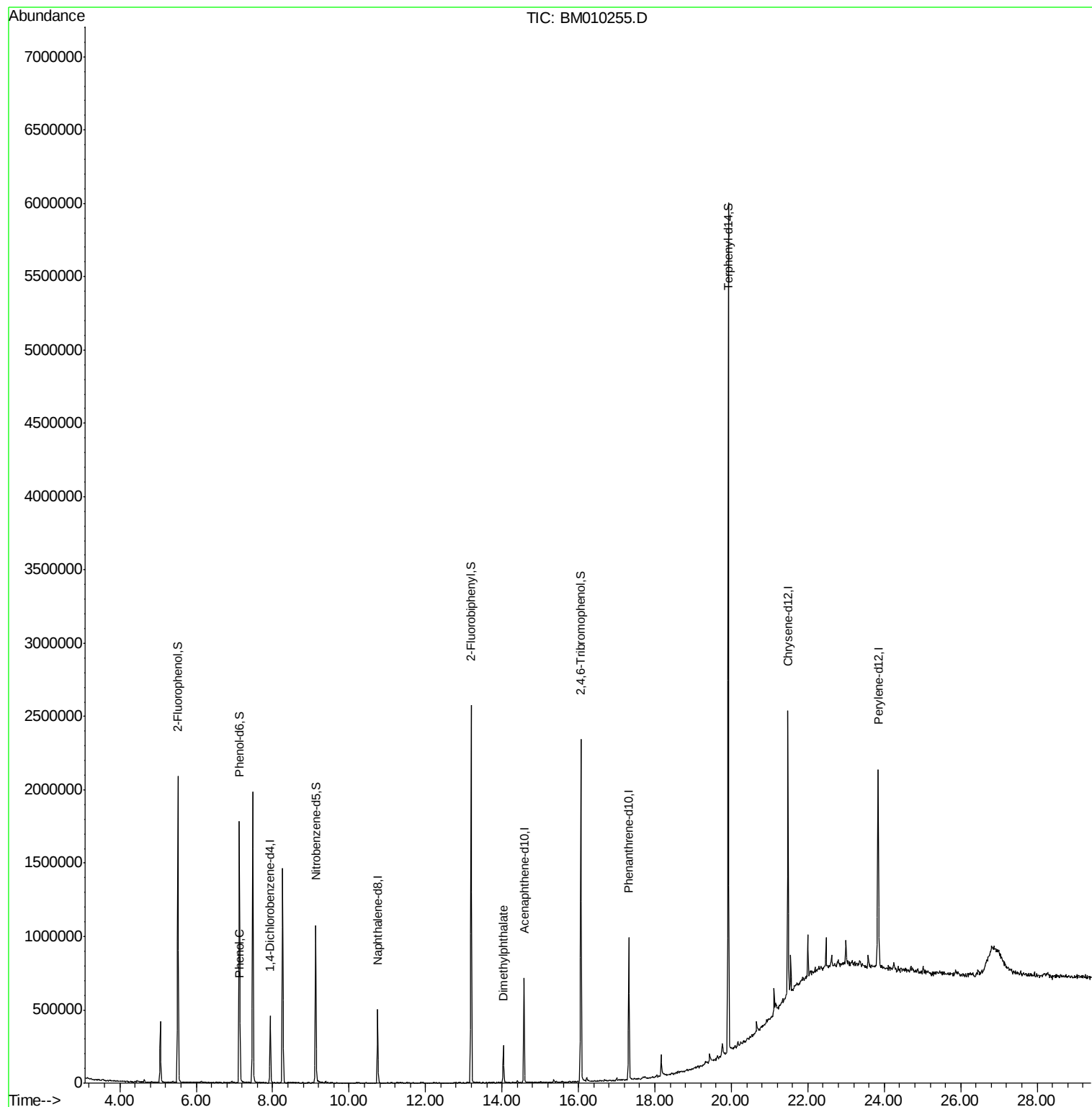
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	106478	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	356329	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	218989	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	560221	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	933710	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1068391	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	697131	118.23	ng	-0.04
7) Phenol-d6	7.13	99	838304	110.49	ng	-0.04
23) Nitrobenzene-d5	9.13	82	580989	87.97	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	398161	119.71	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1196284	70.23	ng	-0.04
78) Terphenyl-d14	19.92	244	2248314	54.75	ng	-0.03
Target Compounds						
10) Phenol	7.15	94	18856	2.36	ng	87
49) Dimethylphthalate	14.03	163	152045	7.78	ng	97

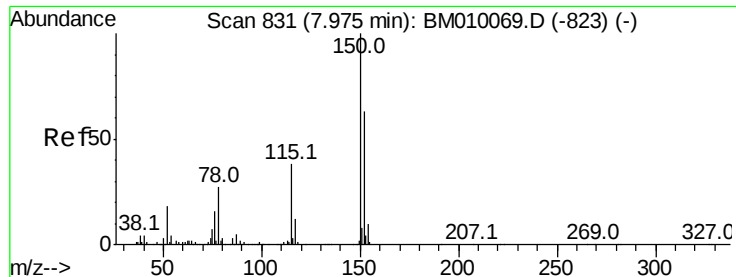
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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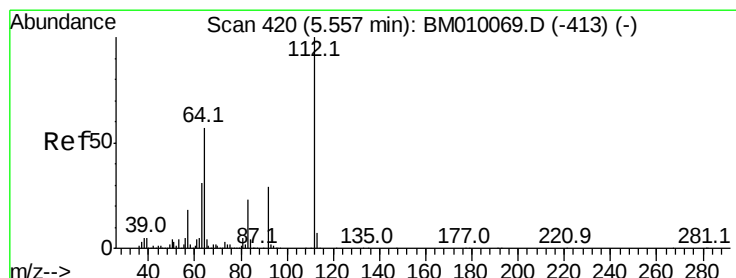
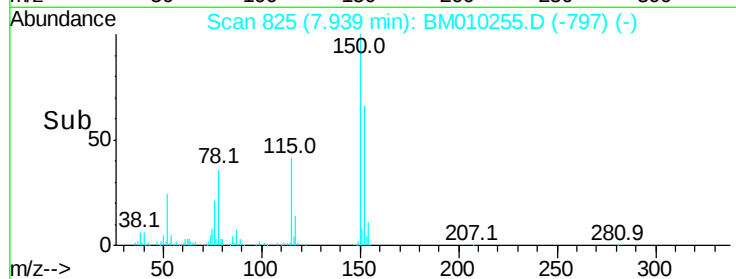
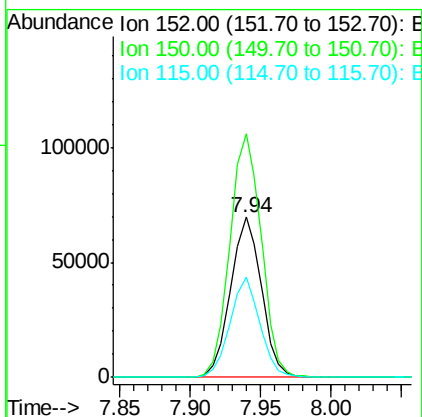
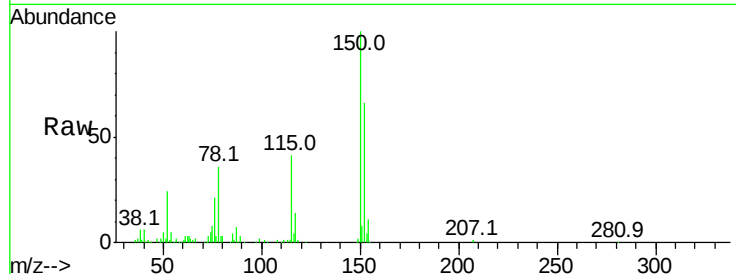


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010255.D
Acq: 26 May 2017 13:59

Instrument :
BNA_M
ClientSampleId :
EX-10

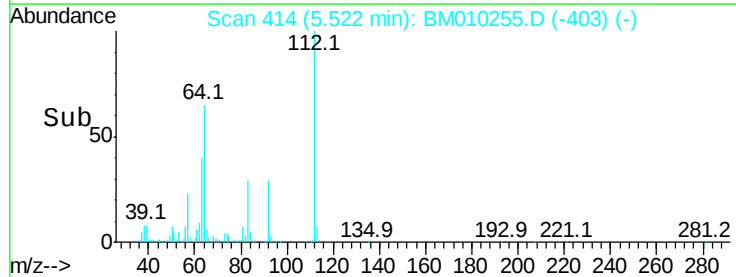
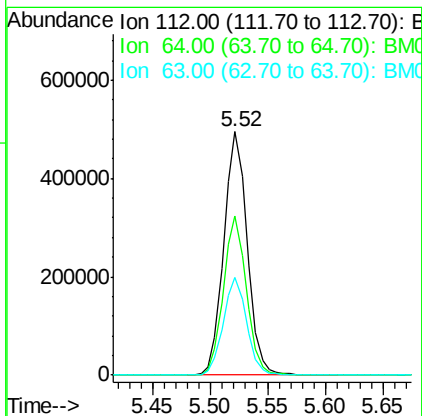
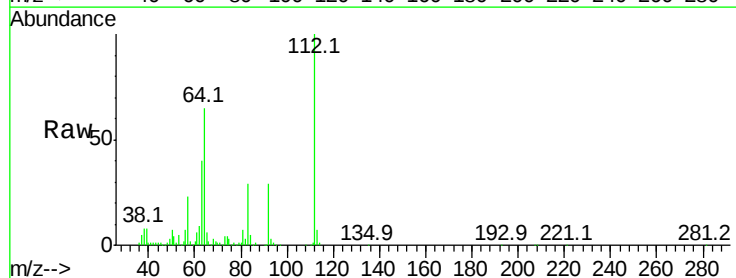
Tot Ion	152	Resp	106478
Ion	Ratio	Lower	Upper
152	100		
150	152.2	119.5	179.3
115	62.4	43.0	64.4

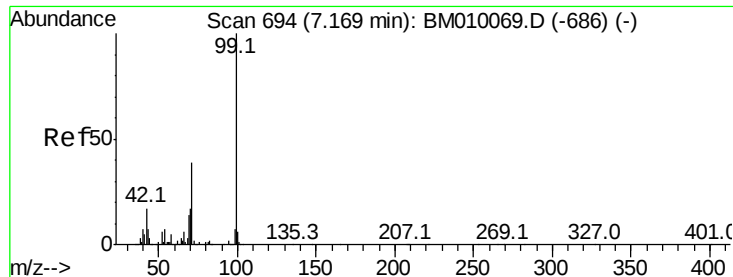


#5

2-Fluorophenol
Concen: 118.23 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.04 min
Lab File: BM010255.D
Acq: 26 May 2017 13:59

Tgt Ion	112	Resp	697131
Ion	Ratio	Lower	Upper
112	100		
64	65.3	38.6	57.8#
63	40.1	19.3	28.9#





#7

Phenol-d6

Concen: 110.49 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010255.D

Acq: 26 May 2017 13:59

Instrument :

BNA_M

ClientSampleId :

EX-10

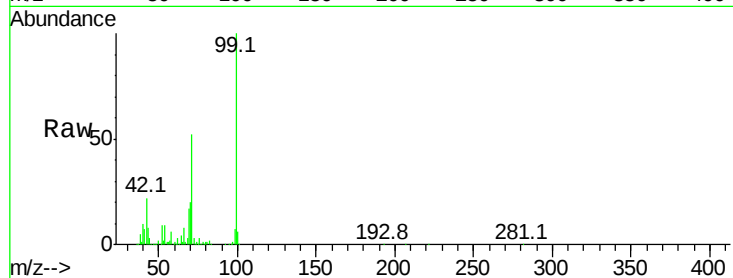
Tot Ion: 99 Resp: 838304

Ion Ratio Lower Upper

99 100

42 22.3 11.0 16.4#

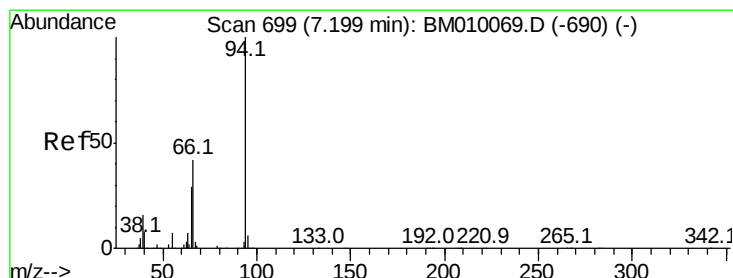
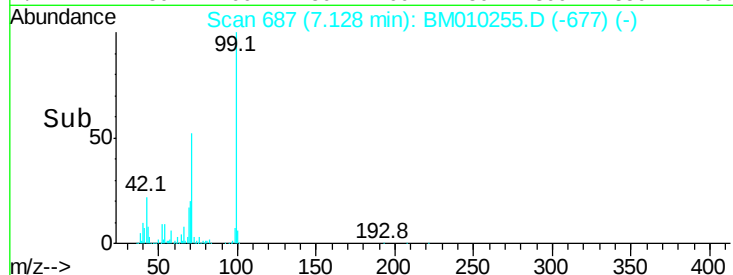
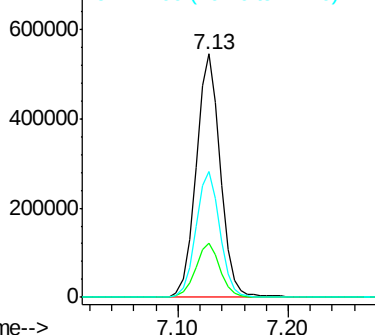
71 51.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#10

Phenol

Concen: 2.36 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.05 min

Lab File: BM010255.D

Acq: 26 May 2017 13:59

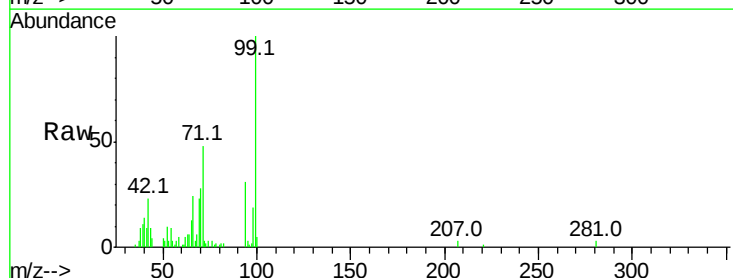
Tgt Ion: 94 Resp: 18856

Ion Ratio Lower Upper

94 100

65 40.1 18.8 58.8

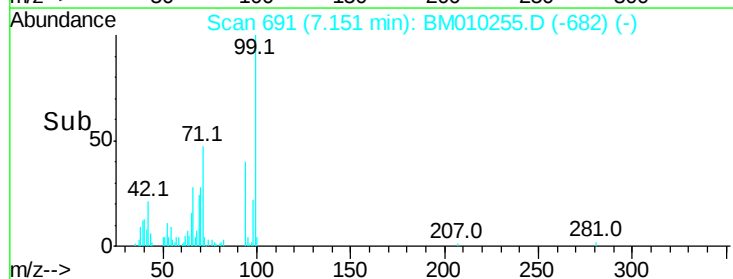
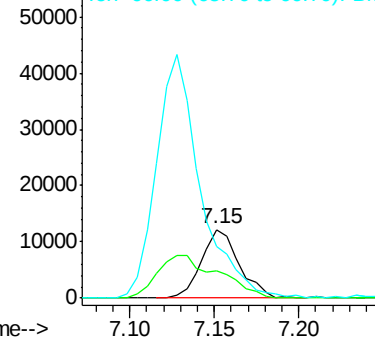
66 75.4 39.9 79.9

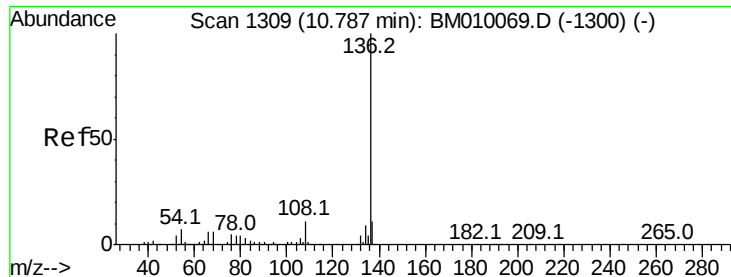


Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010255.D

Acq: 26 May 2017 13:59

Instrument :

BNA_M

ClientSampled :

EX-10

Tot Ion:136 Resp: 356329

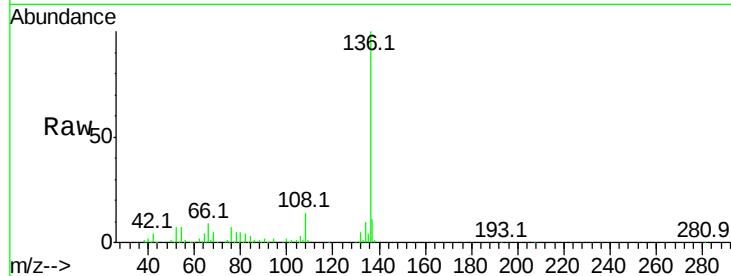
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.3 4.6 6.8#

68 4.7 3.7 5.5

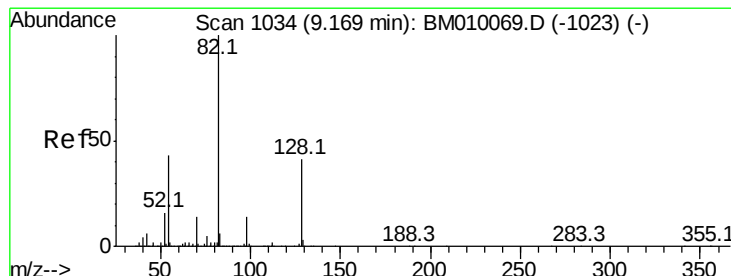
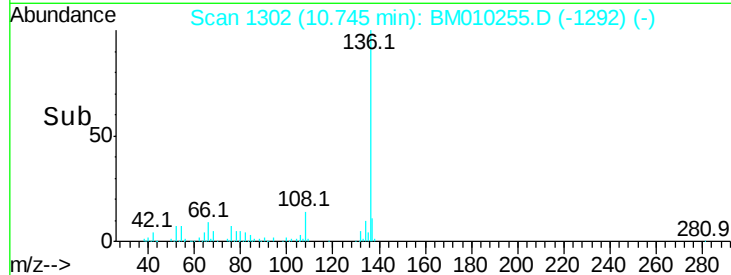
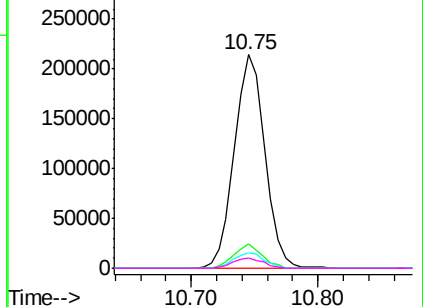


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 87.97 ng

RT: 9.13 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BM010255.D

Acq: 26 May 2017 13:59

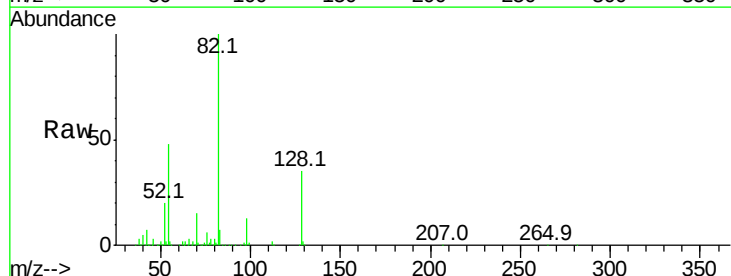
Tgt Ion: 82 Resp: 580989

Ion Ratio Lower Upper

82 100

128 34.7 32.8 49.2

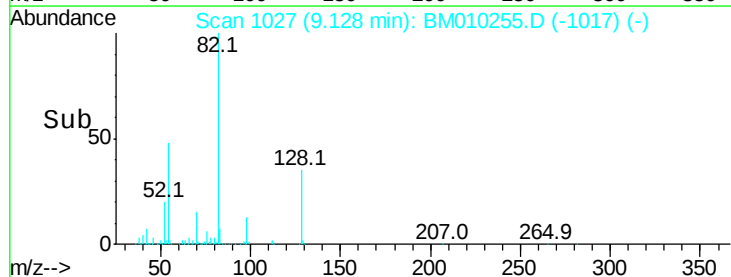
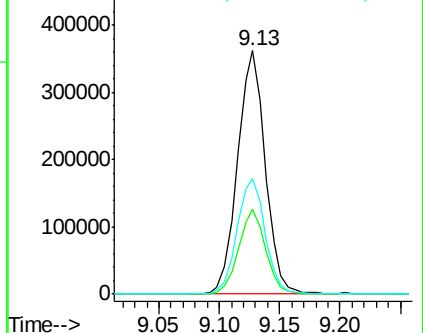
54 47.6 40.6 60.8

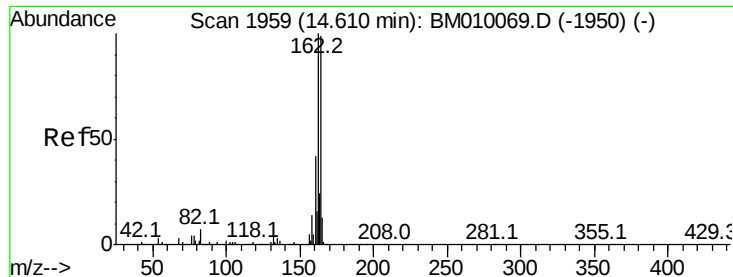


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010255.D

Acq: 26 May 2017 13:59

Instrument :

BNA_M

ClientSampleId :

EX-10

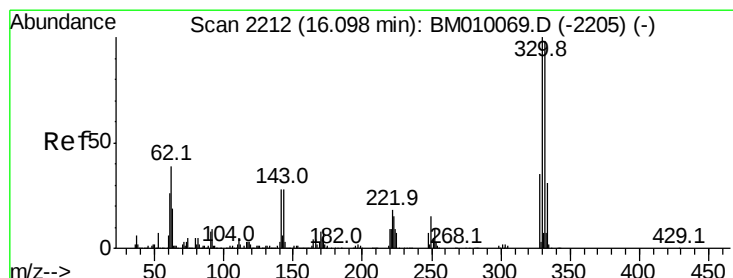
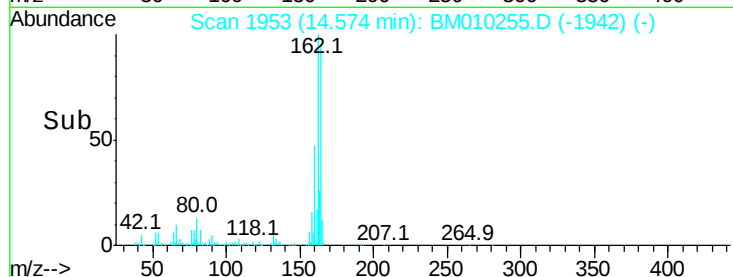
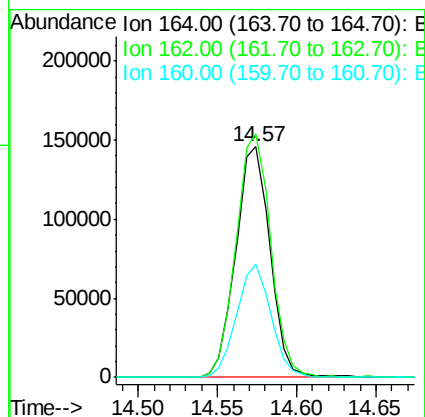
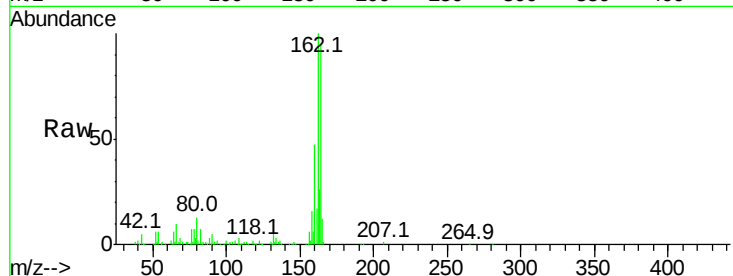
Tot Ion:164 Resp: 218989

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.4	123.6
160	49.1	35.8	53.6

164 100

162 105.5 82.4 123.6

160 49.1 35.8 53.6



#41

2,4,6-Tribromophenol

Concen: 119.71 ng

RT: 16.06 min Scan# 2206

Delta R.T. -0.04 min

Lab File: BM010255.D

Acq: 26 May 2017 13:59

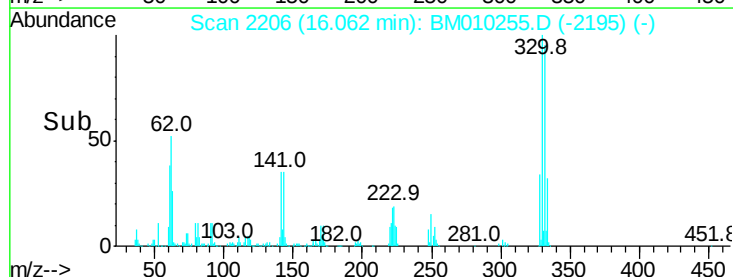
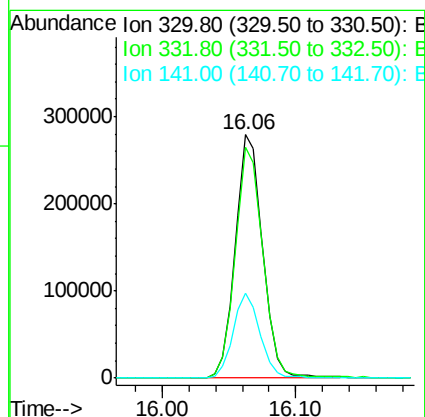
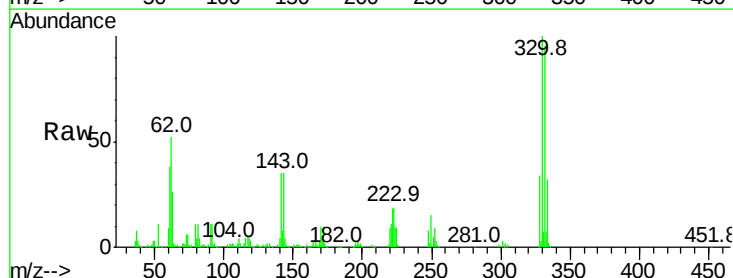
Tgt Ion:330 Resp: 398161

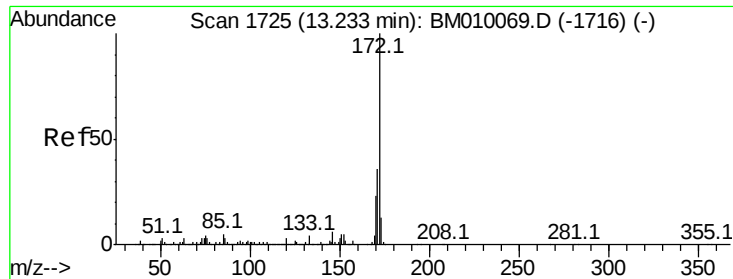
Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	34.6	0.0	0.0#

330 100

332 96.1 0.0 0.0#

141 34.6 0.0 0.0#

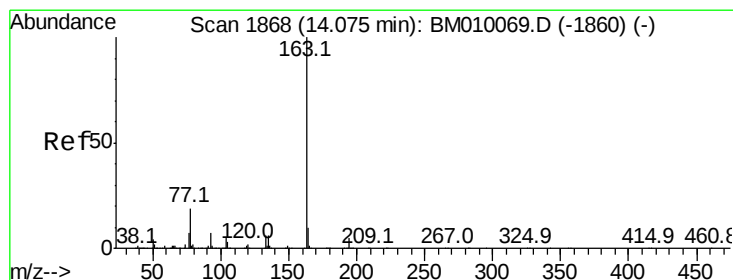
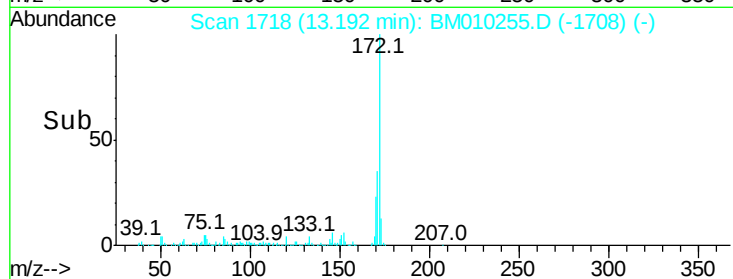
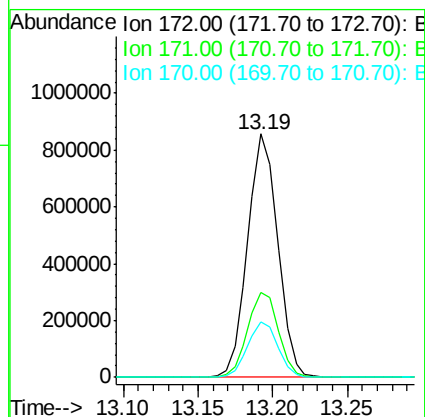
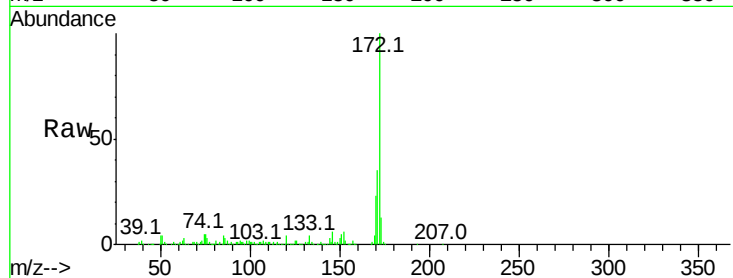




#44
2-Fluorobiphenyl
Concen: 70.23 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010255.D
Acq: 26 May 2017 13:59

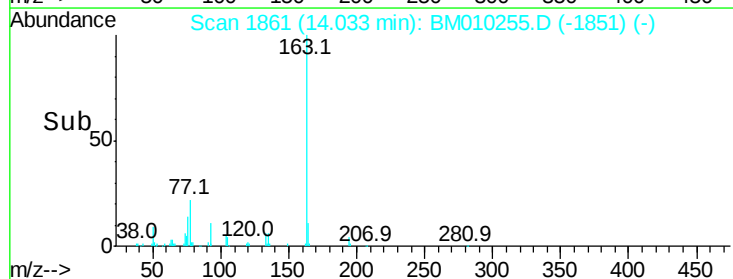
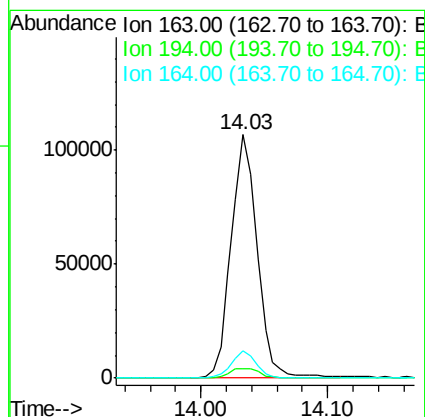
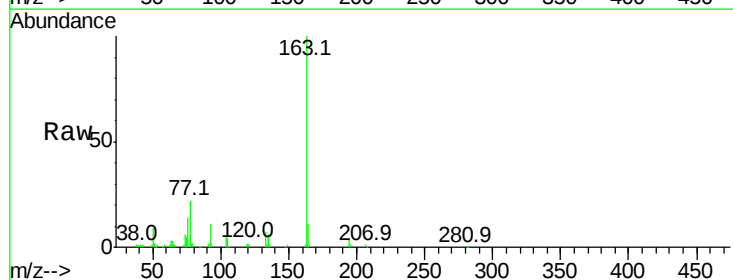
Instrument :
BNA_M
ClientSampled :
EX-10

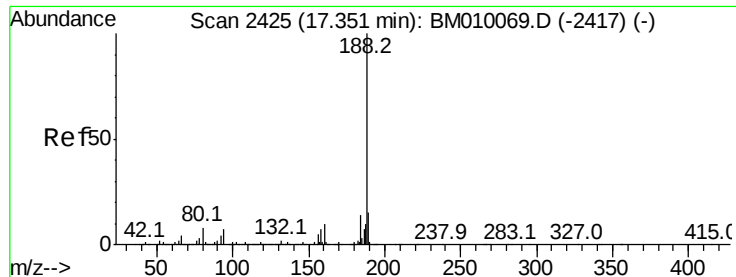
Tot Ion:172 Resp: 1196284
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.0 18.8 28.2



#49
Dimethylphthalate
Concen: 7.78 ng
RT: 14.03 min Scan# 1861
Delta R.T. -0.04 min
Lab File: BM010255.D
Acq: 26 May 2017 13:59

Tgt Ion:163 Resp: 152045
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2419

Delta R.T. -0.04 min

Lab File: BM010255.D

Acq: 26 May 2017 13:59

Instrument :

BNA_M

ClientSampleId :

EX-10

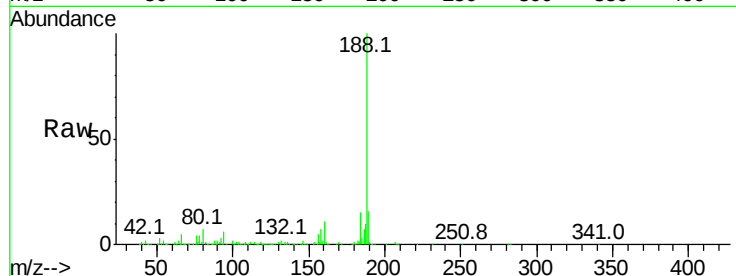
Tot Ion:188 Resp: 560221

Ion Ratio Lower Upper

188 100

94 5.8 8.7 13.1#

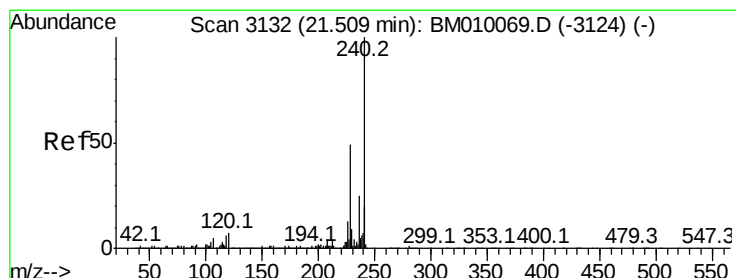
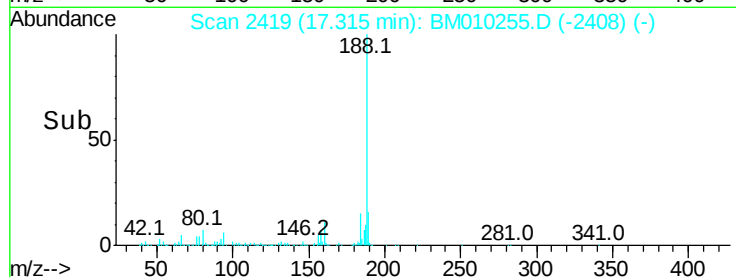
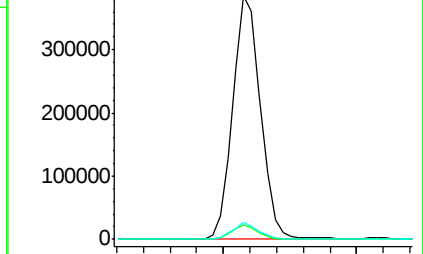
80 6.9 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010255.D

Acq: 26 May 2017 13:59

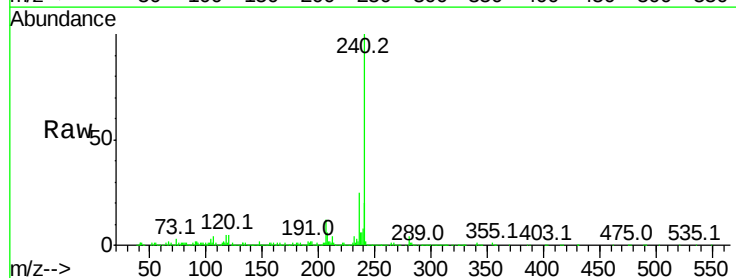
Tgt Ion:240 Resp: 933710

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

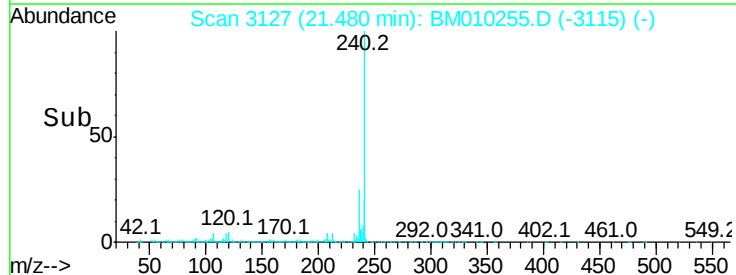
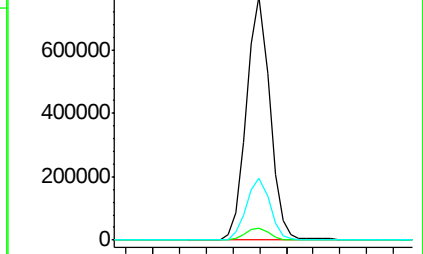
236 25.1 20.0 30.0

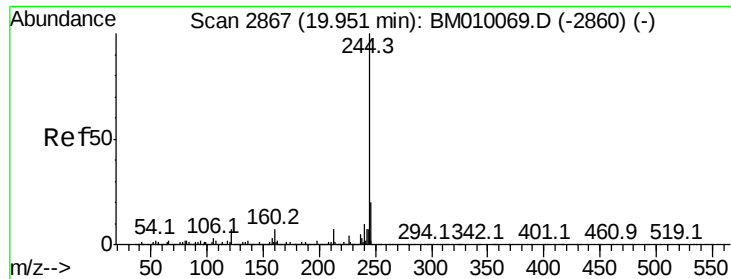


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



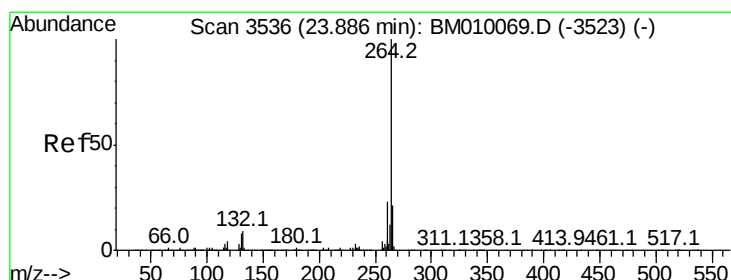
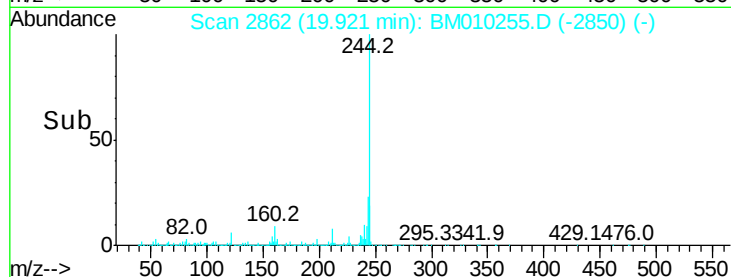
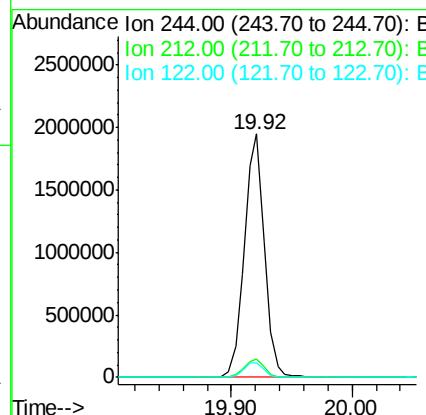
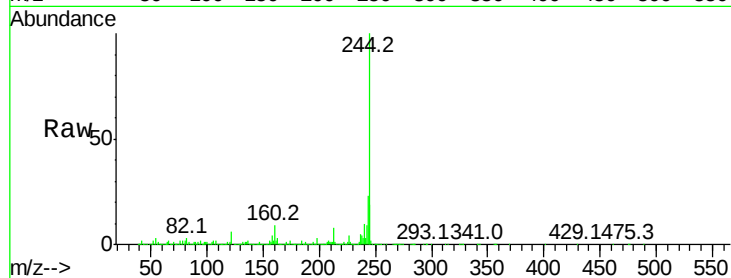


#78
 Terphenyl-d14
 Concen: 54.75 ng
 RT: 19.92 min Scan# 2862
 Delta R.T. -0.03 min
 Lab File: BM010255.D
 Acq: 26 May 2017 13:59

Instrument :
 BNA_M
 ClientSampled :
 EX-10

Tot Ion:244 Resp: 2248314

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	5.8	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.84 min Scan# 3528
 Delta R.T. -0.05 min
 Lab File: BM010255.D
 Acq: 26 May 2017 13:59

Tgt Ion:264 Resp: 1068391

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.7	17.3	25.9

