

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077136.D
 Acq On : 29 Jan 2015 22:13
 Operator : TP/IZ
 Sample : G1178-04MSD
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 03:04:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 01:31:55 2015
 Response via : Initial Calibration

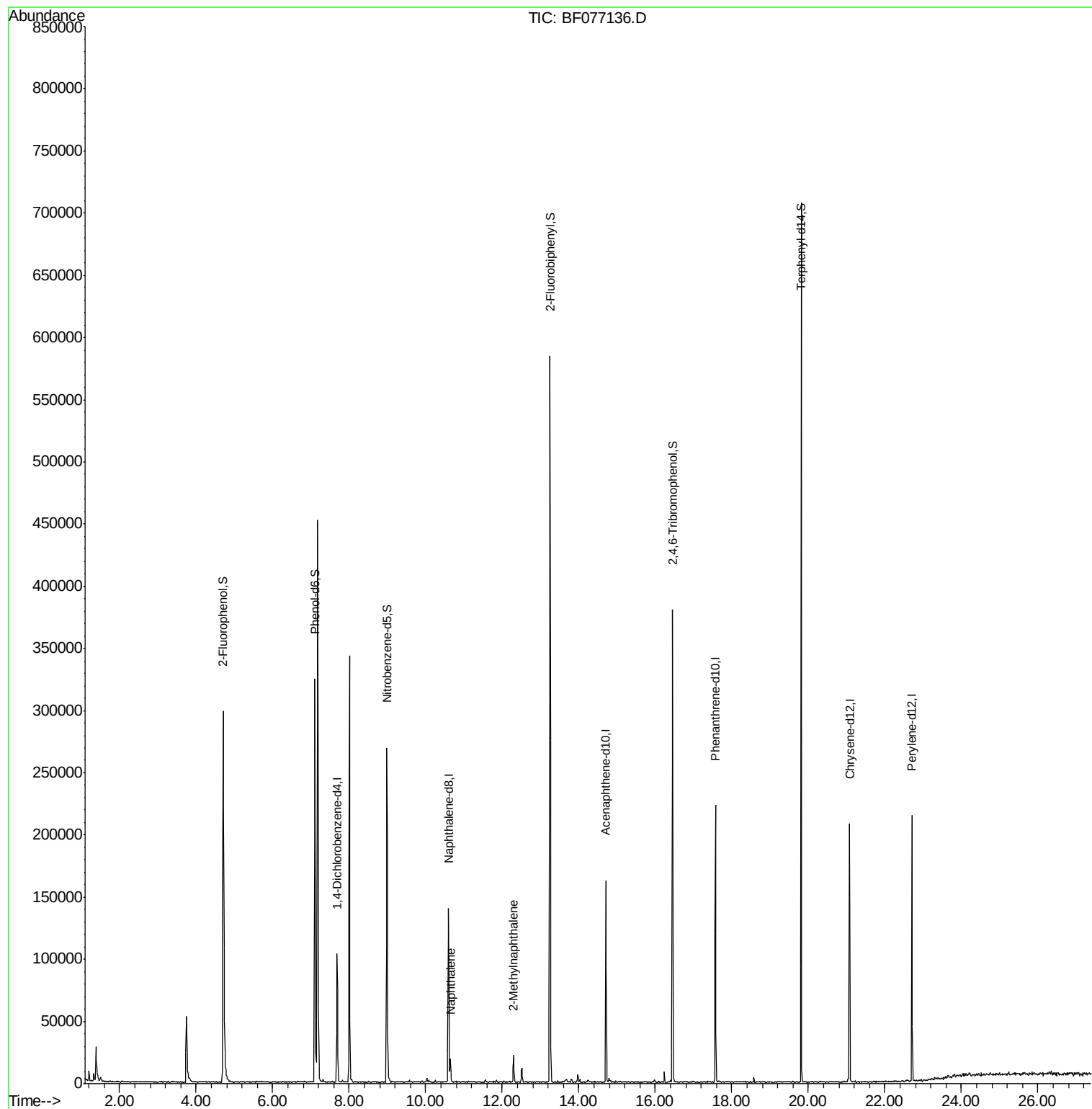
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	28625	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	119107	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	62718	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	110752	20.00	ng	0.00
75) Chrysene-d12	21.08	240	112379	20.00	ng	0.00
86) Perylene-d12	22.71	264	104340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	177195	101.78	ng	0.00
7) Phenol-d6	7.10	99	198070	90.18	ng	0.00
23) Nitrobenzene-d5	8.98	82	149159	69.38	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	57070	112.10	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	301185	73.08	ng	0.00
78) Terphenyl-d14	19.81	244	315742	64.68	ng	0.00
Target Compounds						
31) Naphthalene	10.64	128	16027	2.61	ng	97
37) 2-Methylnaphthalene	12.30	142	11434	2.73	ng	96

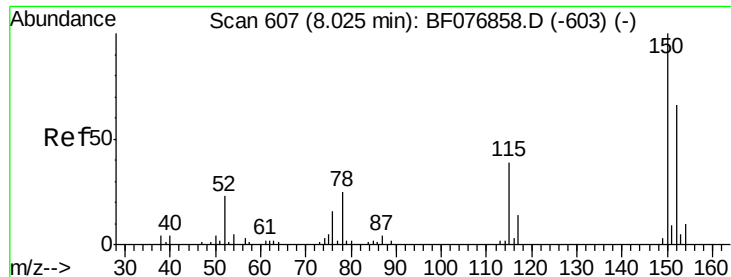
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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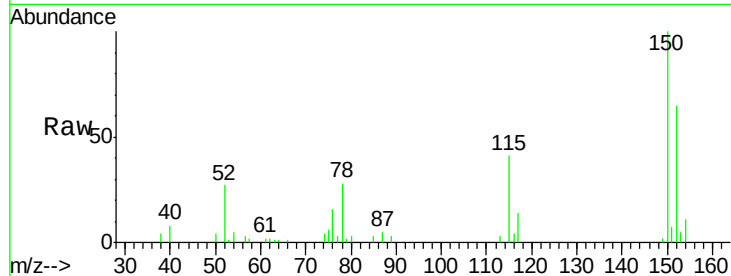


#1

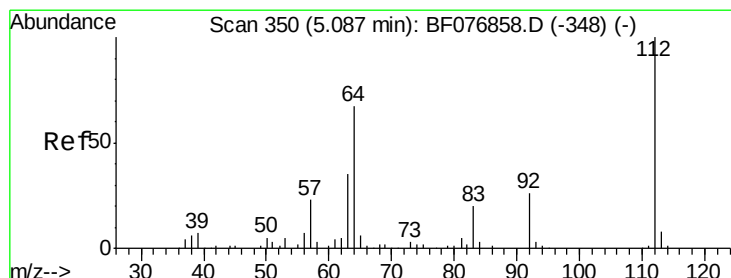
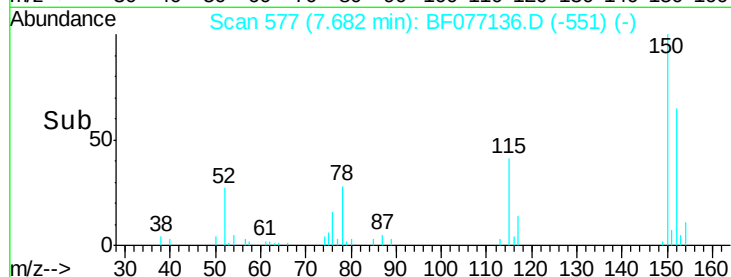
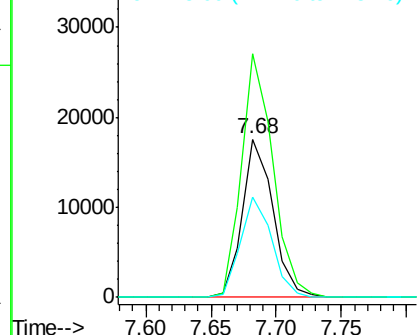
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28625
Ion Ratio Lower Upper
152 100
150 153.7 121.7 182.5
115 63.3 47.0 70.6



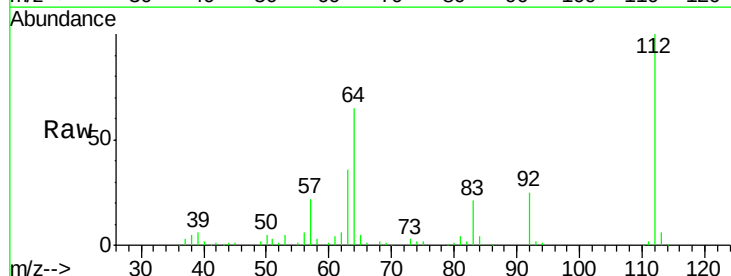
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



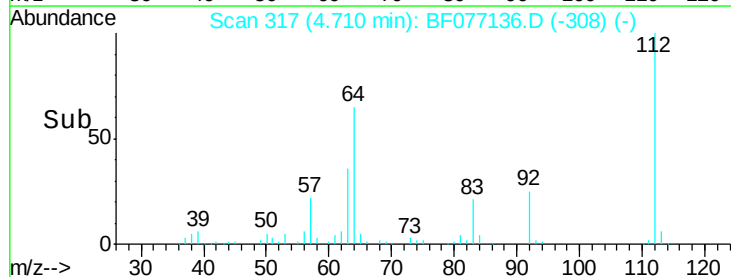
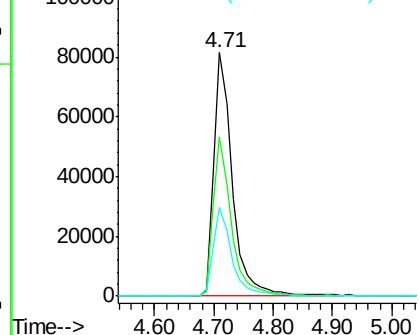
#5

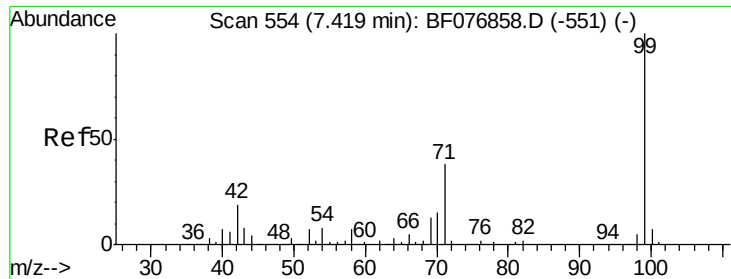
2-Fluorophenol
Concen: 101.78 ng
RT: 4.71 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:112 Resp: 177195
Ion Ratio Lower Upper
112 100
64 65.2 54.2 81.4
63 36.4 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.18 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077136.D

Acq: 29 Jan 2015 22:13

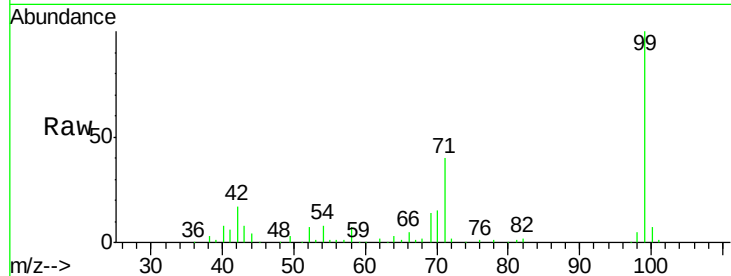
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 198070

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	39.6	30.5	45.7

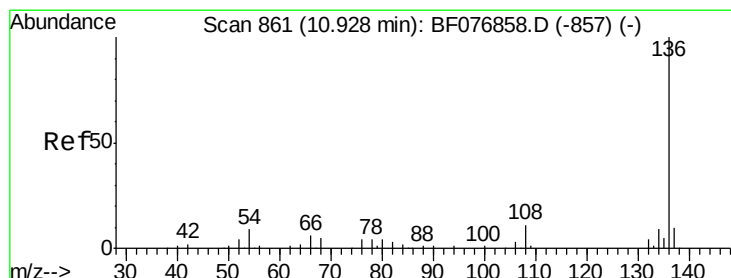
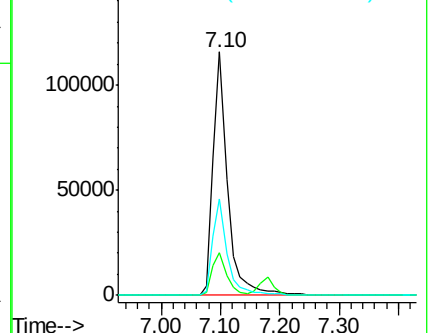
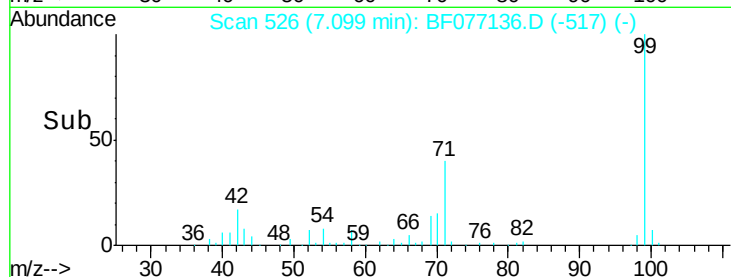


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.60 min Scan# 832

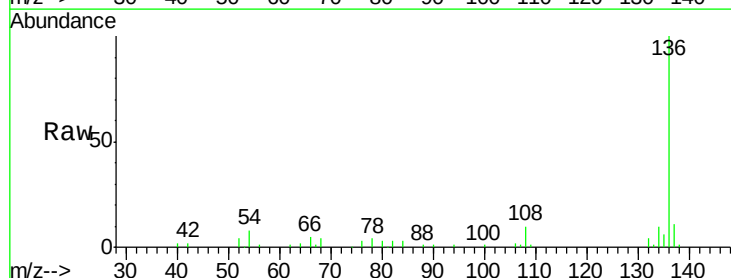
Delta R.T. 0.00 min

Lab File: BF077136.D

Acq: 29 Jan 2015 22:13

Tgt Ion: 136 Resp: 119107

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.1	12.1
54	8.0	7.0	10.4
68	4.3	3.7	5.5



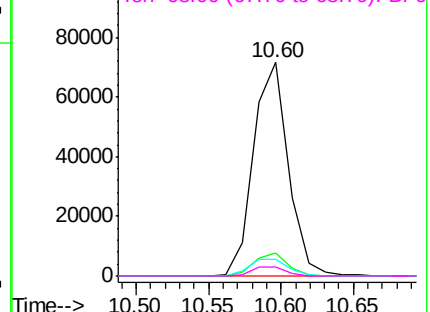
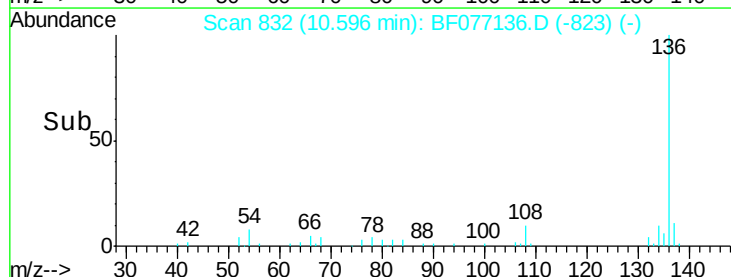
Abundance

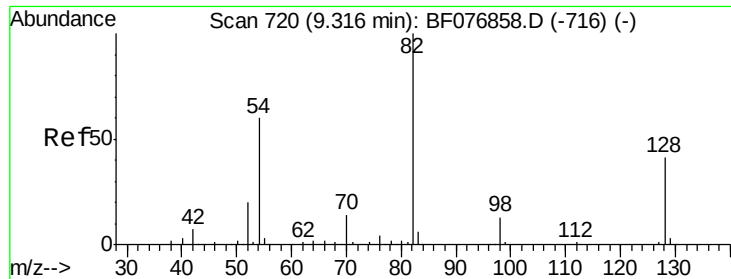
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

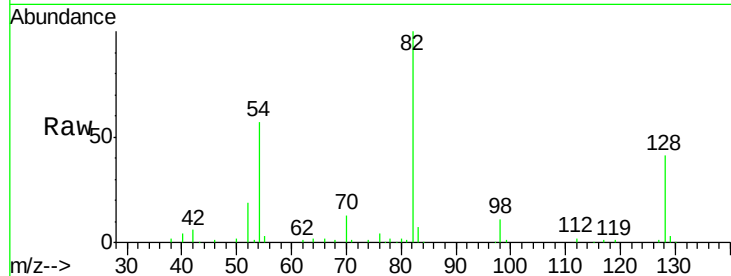




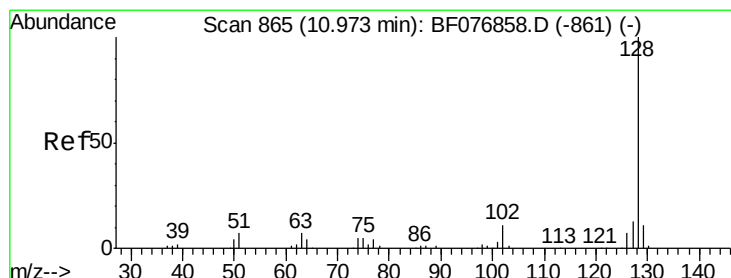
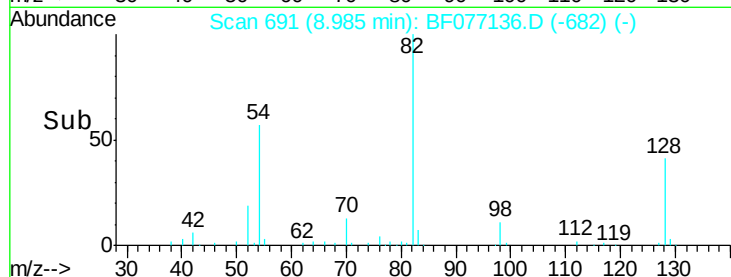
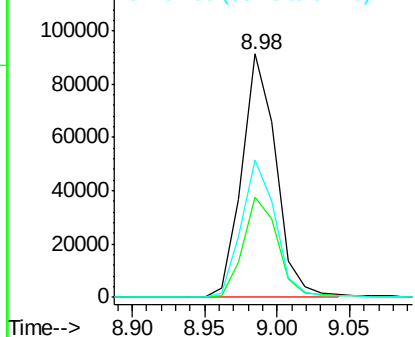
#23
 Nitrobenzene-d5
 Concen: 69.38 ng
 RT: 8.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 149159
 Ion Ratio Lower Upper
 82 100
 128 41.0 33.1 49.7
 54 56.6 48.3 72.5

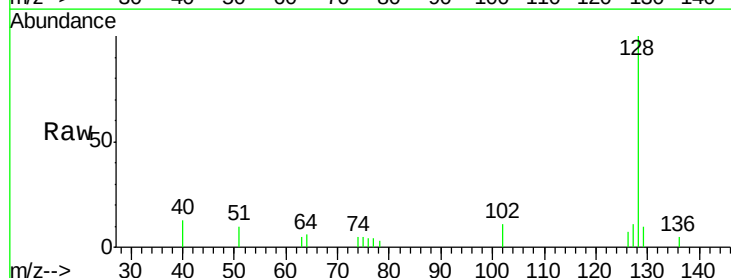


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

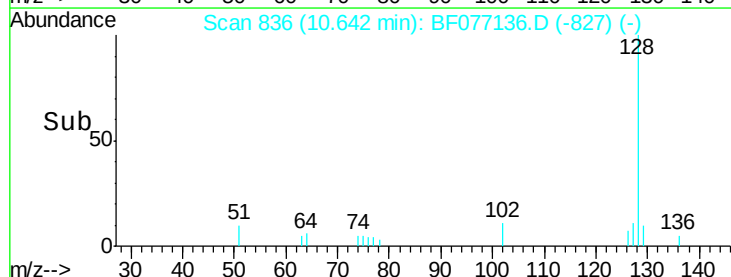
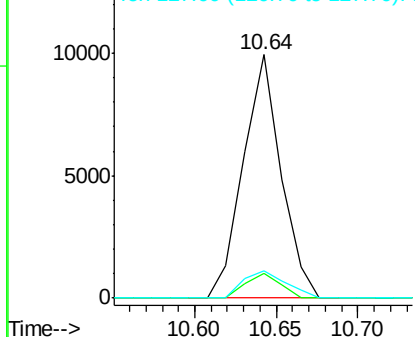


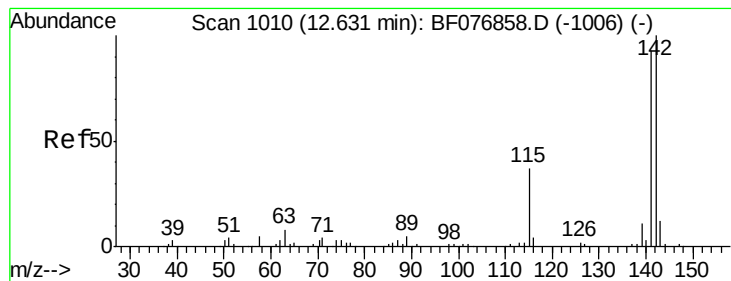
#31
 Naphthalene
 Concen: 2.61 ng
 RT: 10.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Tgt Ion: 128 Resp: 16027
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.0 13.6
 127 11.4 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.73 ng

RT: 12.30 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF077136.D

Acq: 29 Jan 2015 22:13

Instrument :

BNA_F

ClientSampleId :

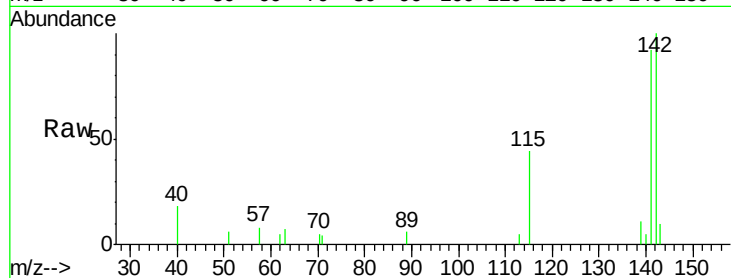
Tot Ion:142 Resp: 11434

Ion Ratio Lower Upper

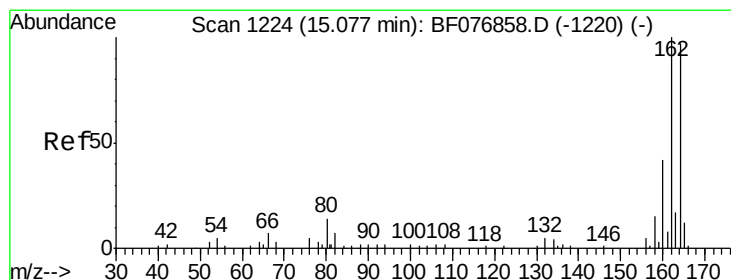
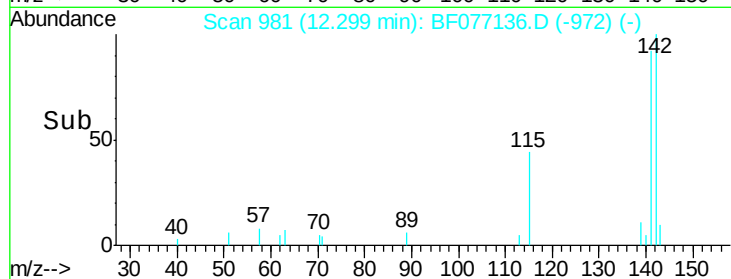
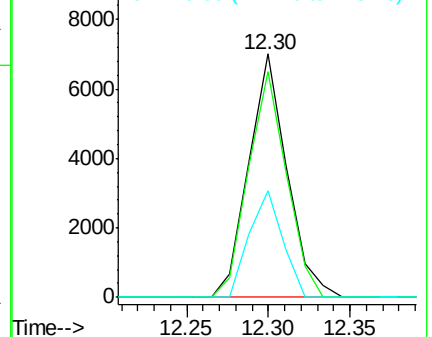
142 100

141 92.4 74.5 111.7

115 43.8 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF077136.D

Acq: 29 Jan 2015 22:13

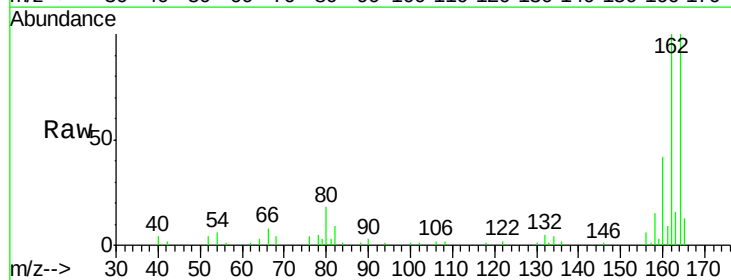
Tgt Ion:164 Resp: 62718

Ion Ratio Lower Upper

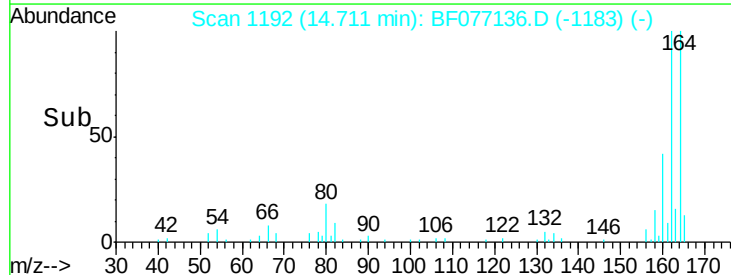
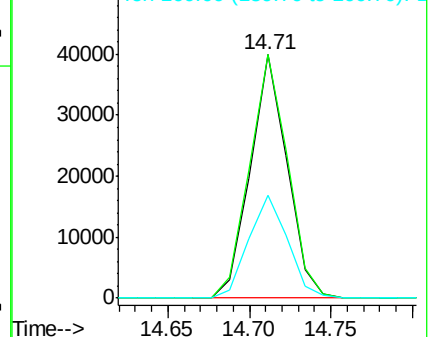
164 100

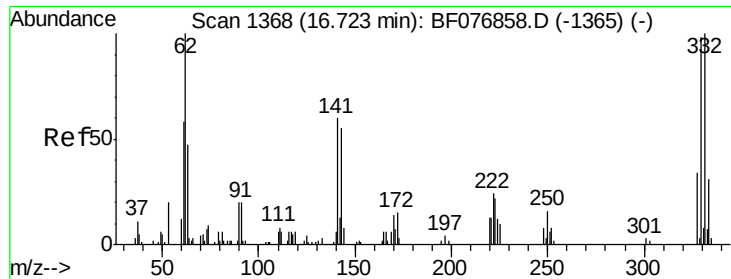
162 100.1 82.4 123.6

160 42.4 34.8 52.2



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: 112.10 ng

RT: 16.45 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF077136.D

Acq: 29 Jan 2015 22:13

Instrument :

BNA_F

ClientSampleId :

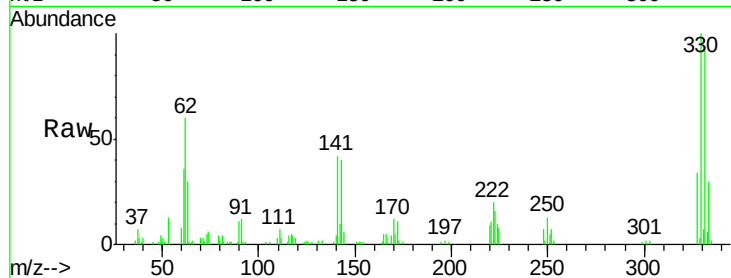
Tot Ion:330 Resp: 57070

Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.6

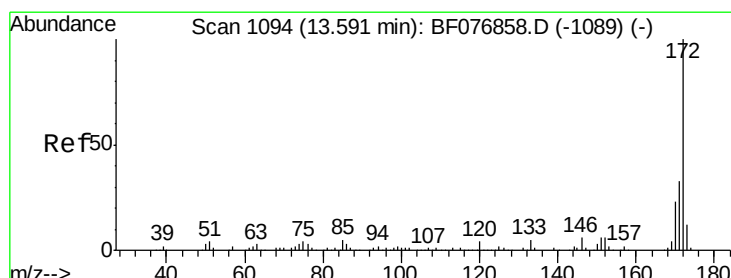
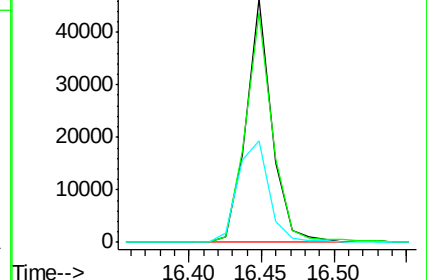
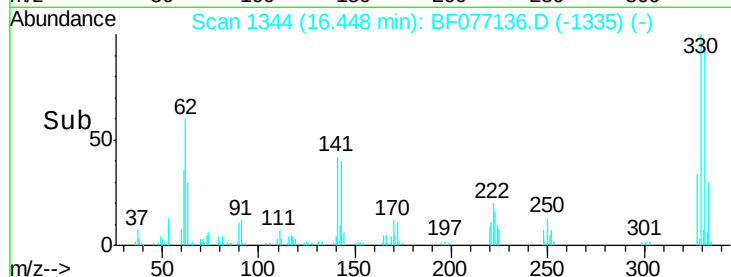
141 50.9 38.5 57.7



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: 73.08 ng

RT: 13.25 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF077136.D

Acq: 29 Jan 2015 22:13

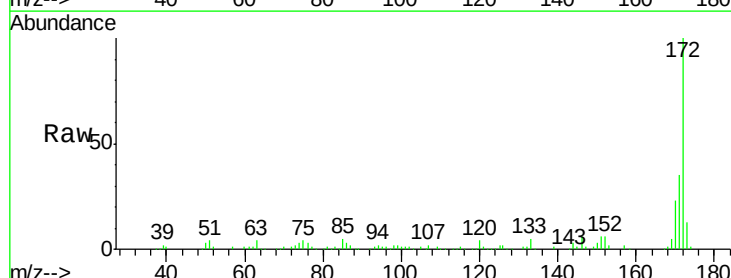
Tgt Ion:172 Resp: 301185

Ion Ratio Lower Upper

172 100

171 34.6 26.6 40.0

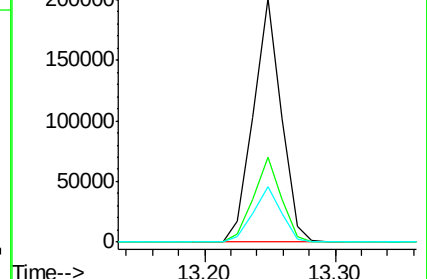
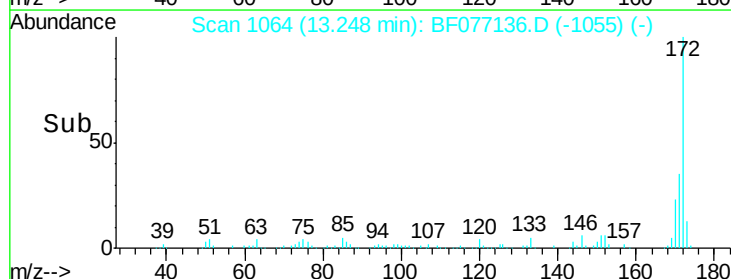
170 22.9 18.0 27.0

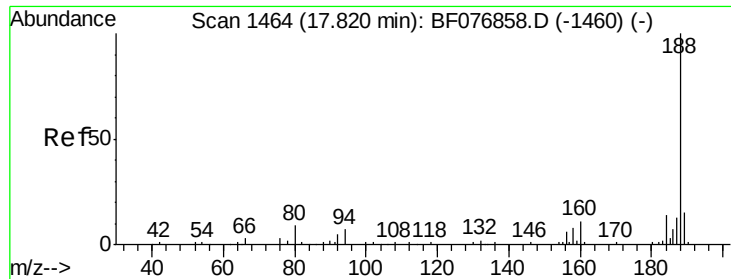


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

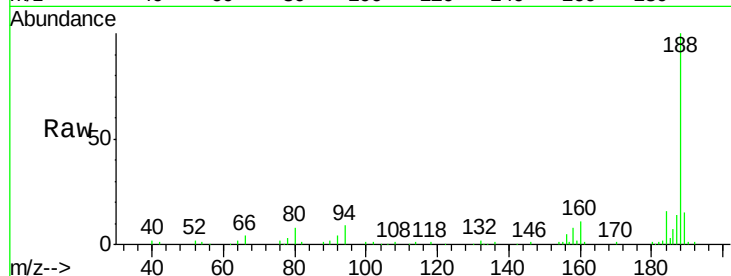




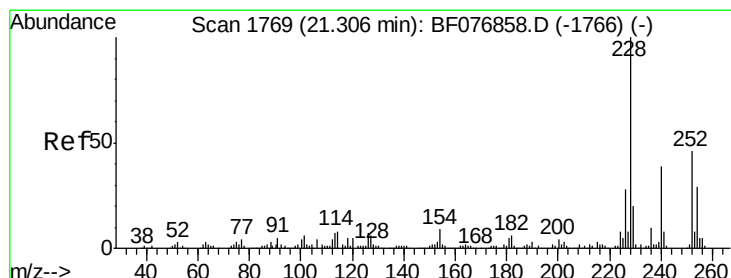
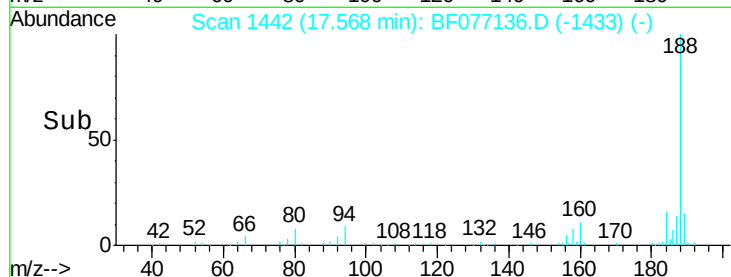
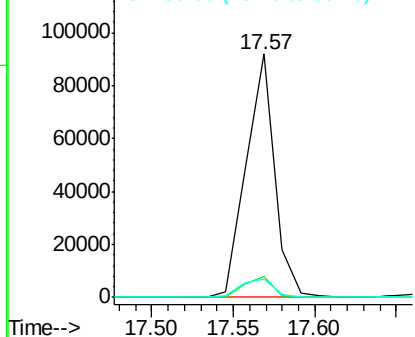
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 110752
Ion Ratio Lower Upper
188 100
94 8.7 6.0 9.0
80 7.7 6.9 10.3

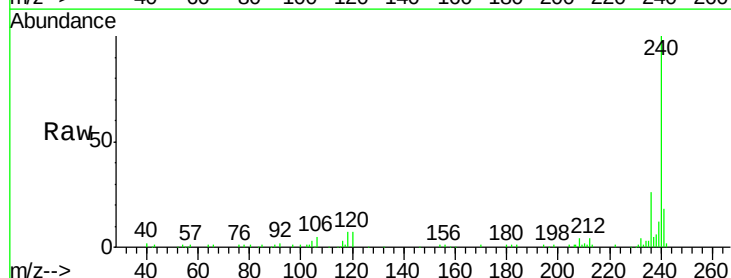


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

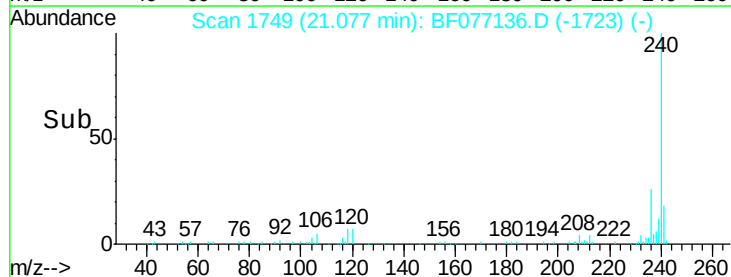
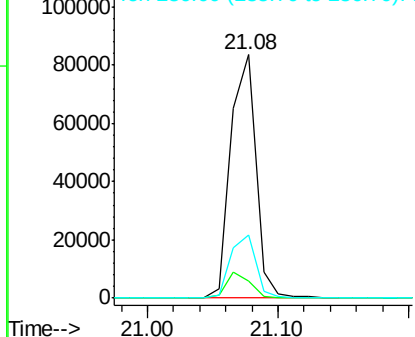


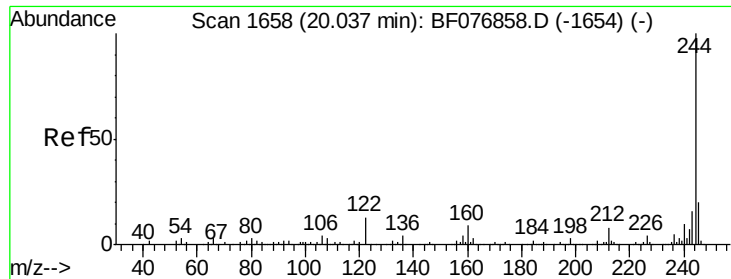
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.08 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:240 Resp: 112379
Ion Ratio Lower Upper
240 100
120 7.2 10.4 15.6#
236 25.8 20.2 30.2



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

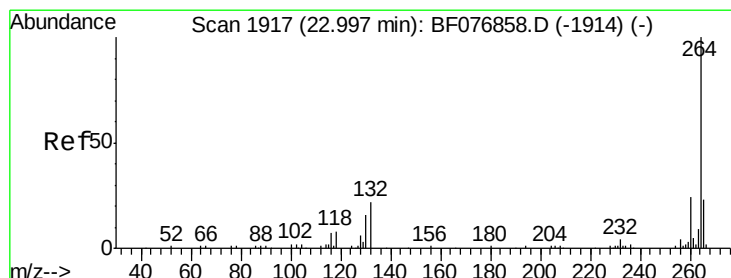
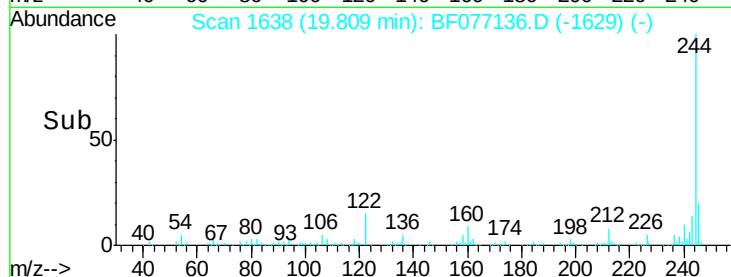
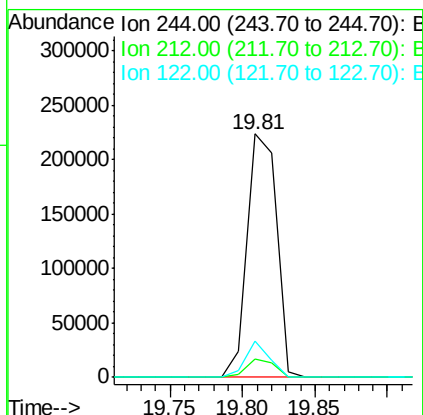
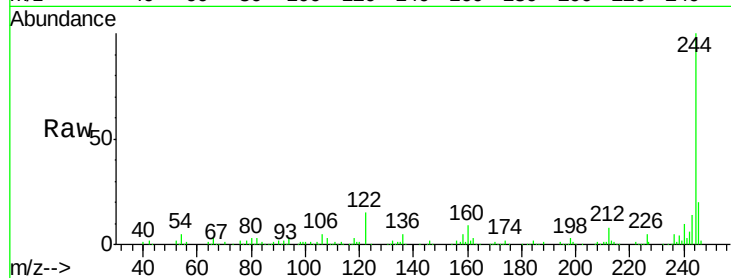




#78
 Terphenyl-d14
 Concen: 64.68 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 315742
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 14.7 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.71 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Tgt Ion:264 Resp: 104340
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 20.3 18.1 27.1

