

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
 Data File : BF077364.D
 Acq On : 18 Feb 2015 20:58
 Operator : TP/IZ
 Sample : G1307-02
 Misc : TCLP
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 10:17:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 09:51:00 2015
 Response via : Initial Calibration

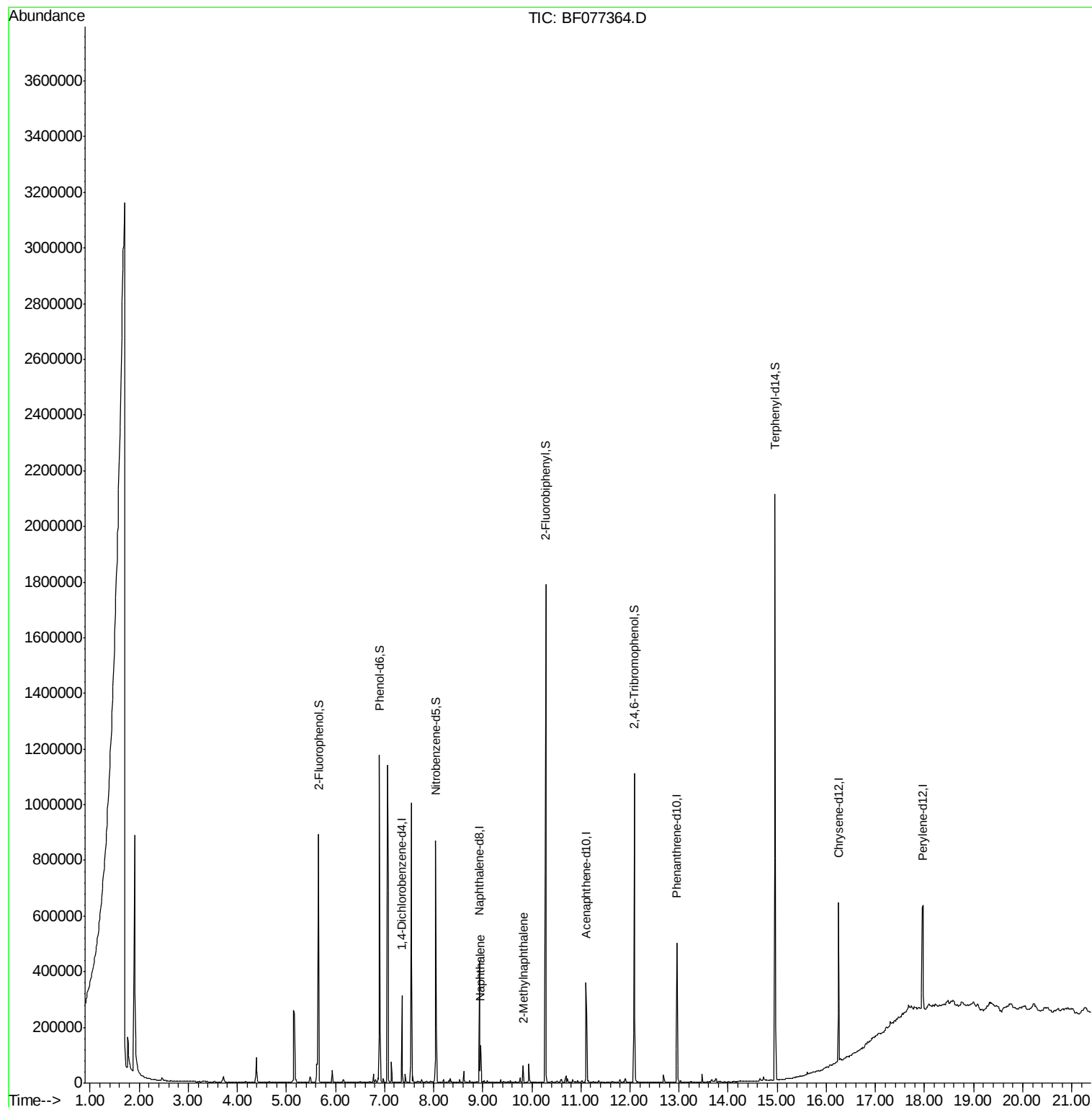
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	46834	20.00	ng	-0.02
21) Naphthalene-d8	8.93	136	191932	20.00	ng	-0.02
38) Acenaphthene-d10	11.10	164	93616	20.00	ng	-0.03
63) Phenanthrene-d10	12.96	188	190787	20.00	ng	-0.02
75) Chrysene-d12	16.25	240	211857	20.00	ng	-0.02
86) Perylene-d12	17.96	264	222871	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	351375	128.21	ng	-0.01
7) Phenol-d6	6.90	99	390684	109.13	ng	-0.02
23) Nitrobenzene-d5	8.04	82	263774	95.17	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	133487	152.85	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	626085	100.82	ng	-0.02
78) Terphenyl-d14	14.96	244	724100	77.71	ng	-0.02
Target Compounds						
31) Naphthalene	8.96	128	59277	6.17	ng	98
37) 2-Methylnaphthalene	9.82	142	25044	3.63	ng	99

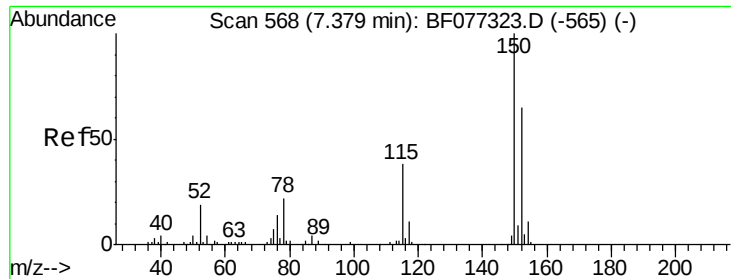
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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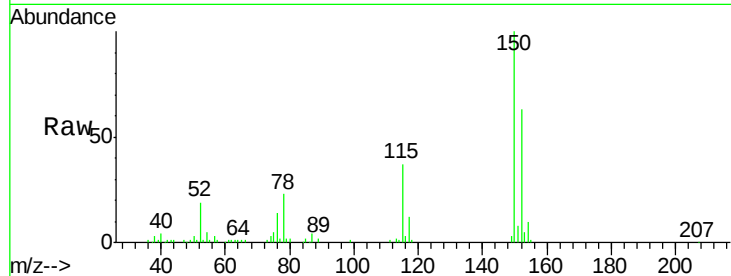


#1

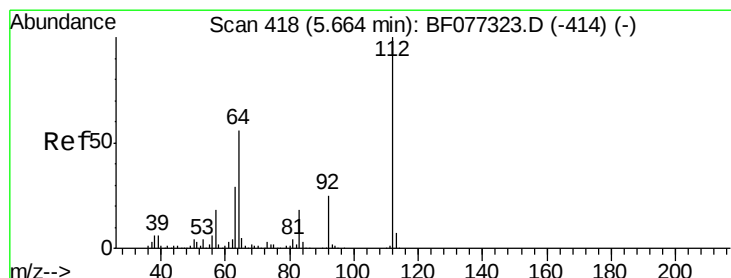
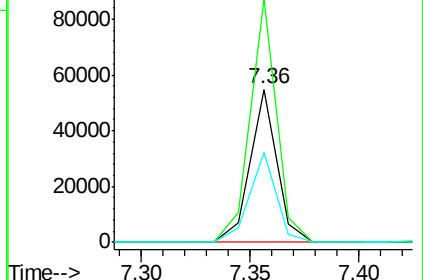
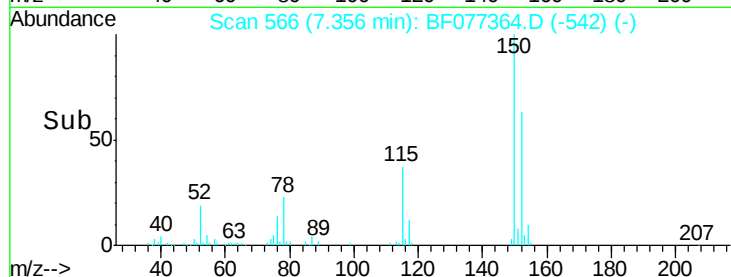
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF077364.D
Acq: 18 Feb 2015 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 46834
Ion Ratio Lower Upper
152 100
150 158.9 123.1 184.7
115 58.8 46.2 69.4



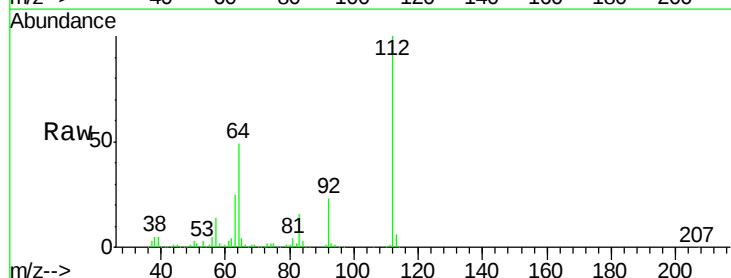
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



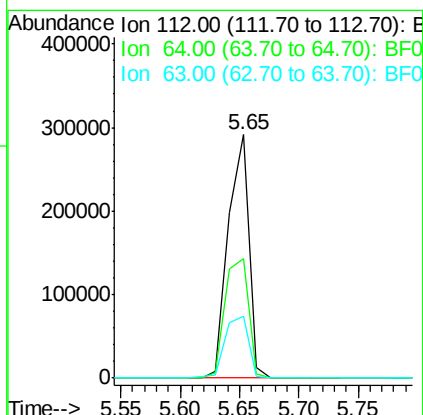
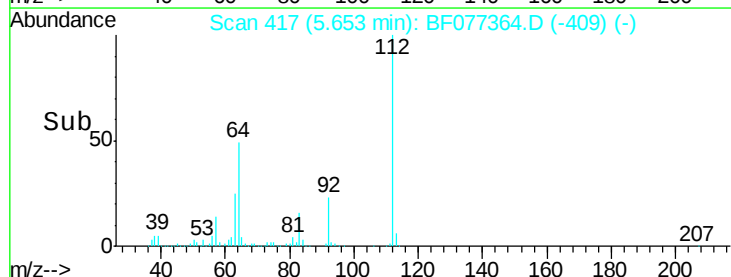
#5

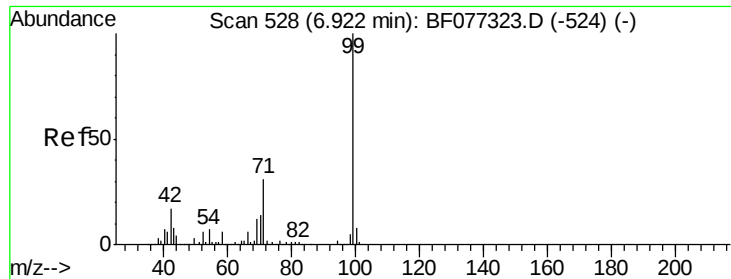
2-Fluorophenol
Concen: 128.21 ng
RT: 5.65 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF077364.D
Acq: 18 Feb 2015 20:58

Tgt Ion:112 Resp: 351375
Ion Ratio Lower Upper
112 100
64 49.0 44.7 67.1
63 25.5 23.3 34.9



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: 109.13 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF077364.D

Acq: 18 Feb 2015 20:58

Instrument :

BNA_F

ClientSampled :

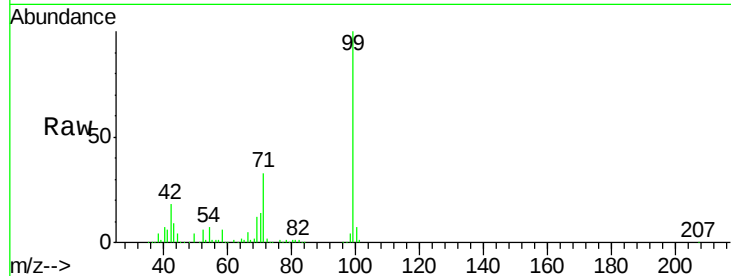
Tgt Ion: 99 Resp: 390684

Ion Ratio Lower Upper

99 100

42 18.2 13.8 20.6

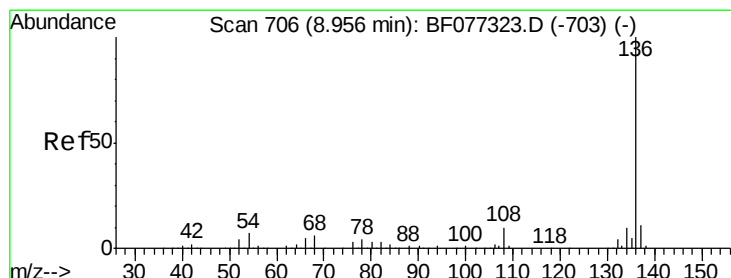
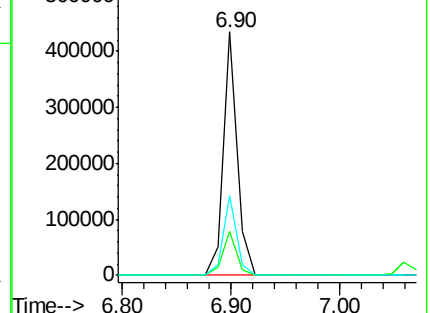
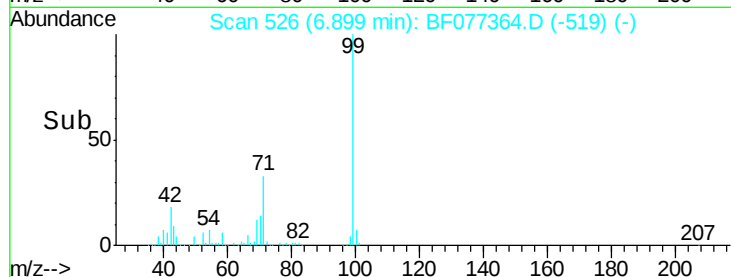
71 32.8 24.6 37.0



Abundance Ion 99.00 (98.70 to 99.70): BF077323.D (-524) (-)

Ion 42.00 (41.70 to 42.70): BF077323.D (-524) (-)

Ion 71.00 (70.70 to 71.70): BF077323.D (-524) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.93 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF077364.D

Acq: 18 Feb 2015 20:58

Tgt Ion: 136 Resp: 191932

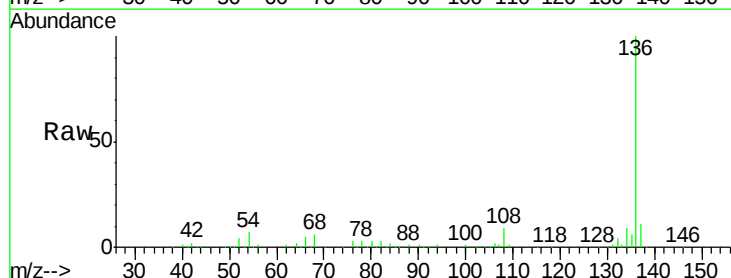
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.8 5.8 8.6

68 5.6 4.6 6.8

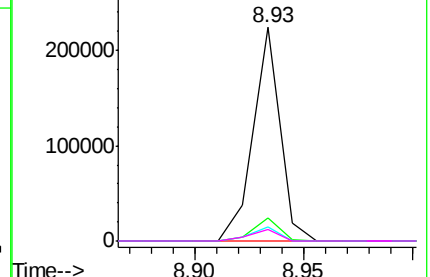
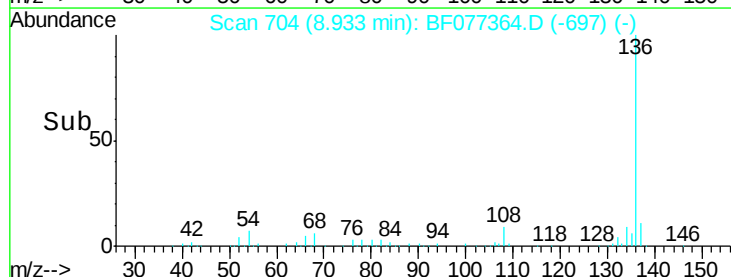


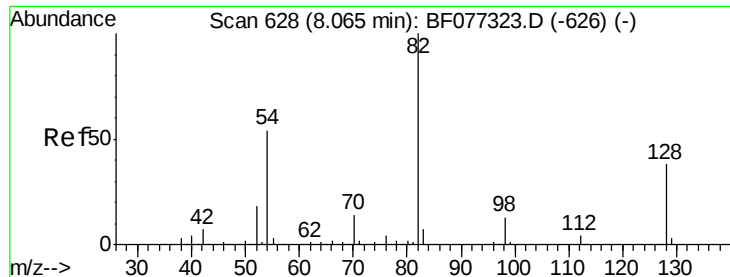
Abundance Ion 136.00 (135.70 to 136.70): BF077323.D (-703) (-)

Ion 137.00 (136.70 to 137.70): BF077323.D (-703) (-)

Ion 54.00 (53.70 to 54.70): BF077323.D (-703) (-)

Ion 68.00 (67.70 to 68.70): BF077323.D (-703) (-)

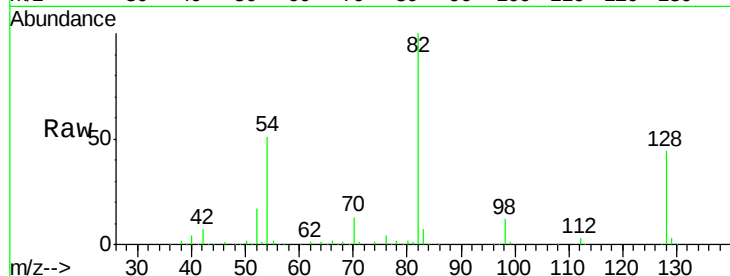




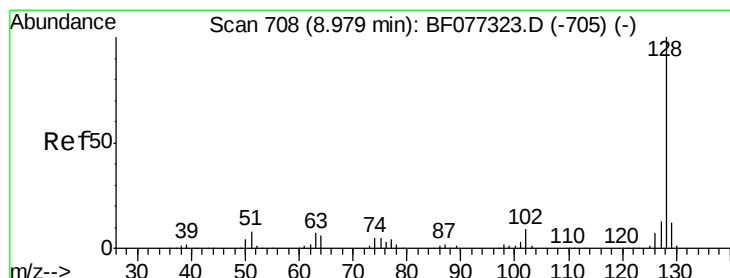
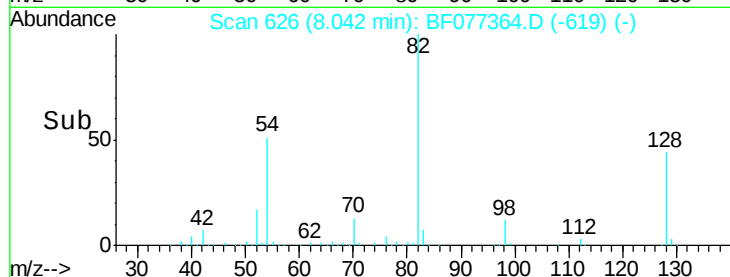
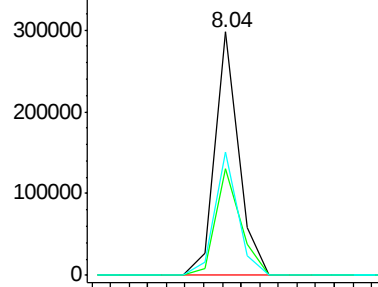
#23
Nitrobenzene-d5
Concen: 95.17 ng
RT: 8.04 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF077364.D
Acq: 18 Feb 2015 20:58

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 82 Resp: 263774
Ion Ratio Lower Upper
82 100
128 43.6 30.7 46.1
54 50.6 43.1 64.7

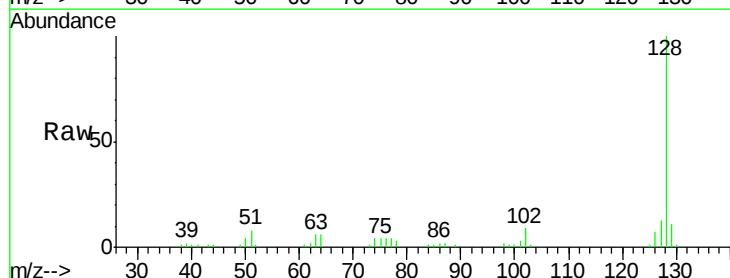


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

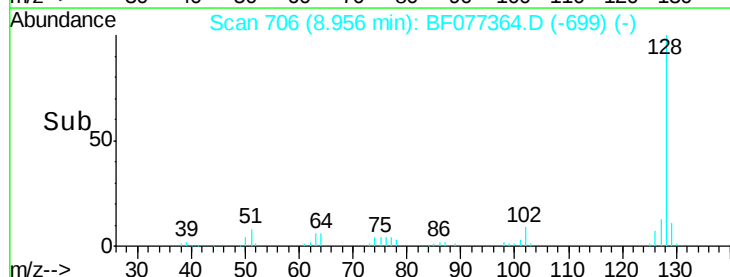
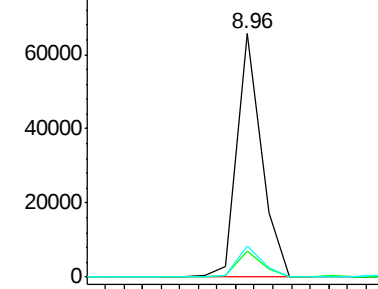


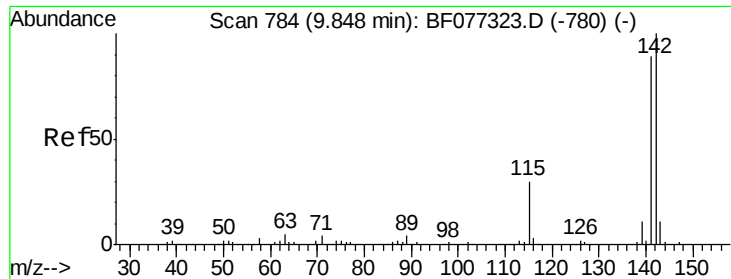
#31
Naphthalene
Concen: 6.17 ng
RT: 8.96 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF077364.D
Acq: 18 Feb 2015 20:58

Tgt Ion: 128 Resp: 59277
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 12.9 10.5 15.7



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

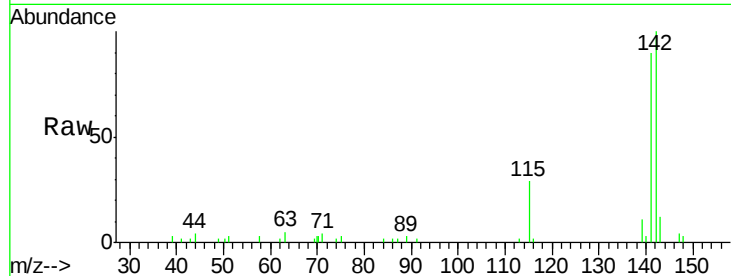




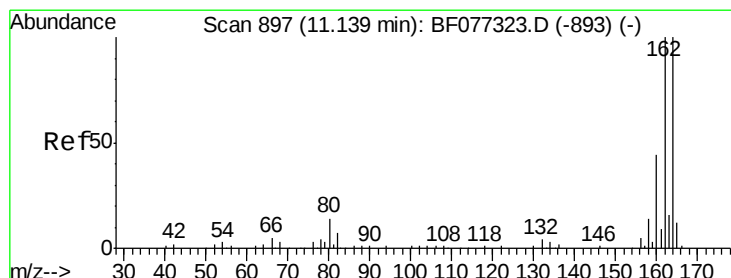
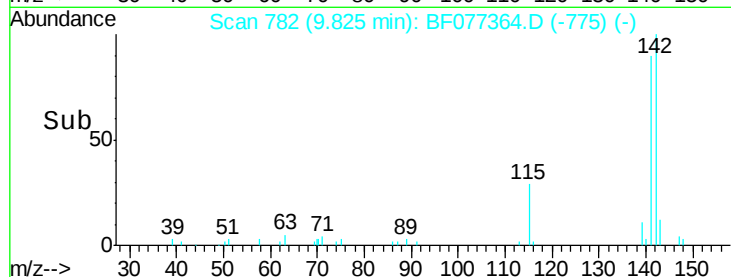
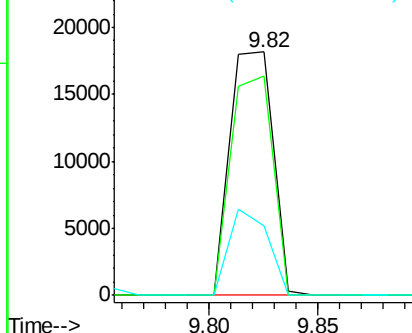
#37
 2-Methylnaphthalene
 Concen: 3.63 ng
 RT: 9.82 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF077364.D
 Acq: 18 Feb 2015 20:58

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:142 Resp: 25044
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.2 106.8
 115 28.5 23.8 35.8

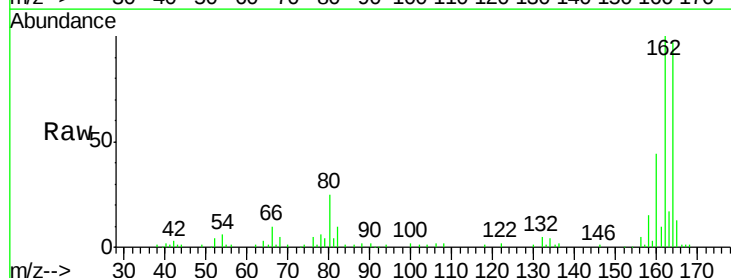


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

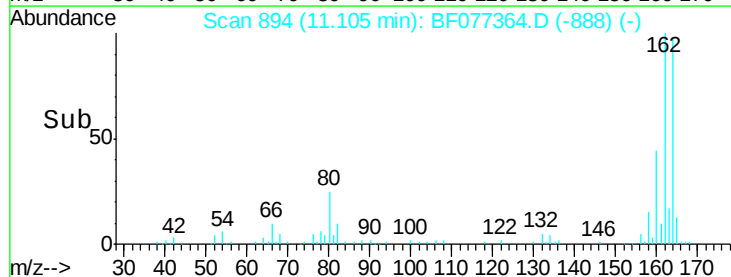
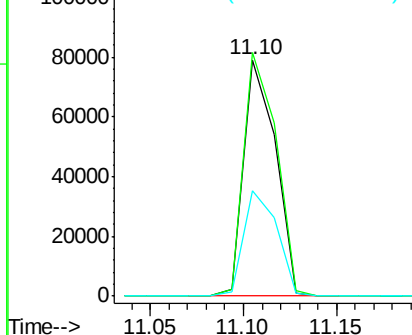


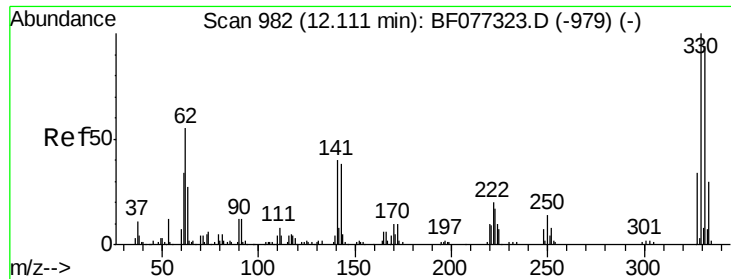
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF077364.D
 Acq: 18 Feb 2015 20:58

Tgt Ion:164 Resp: 93616
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.4 120.6
 160 44.8 35.3 52.9



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

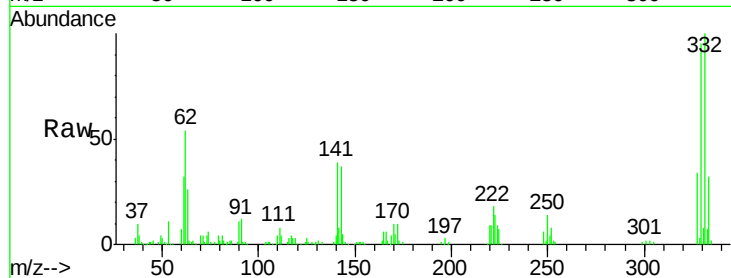




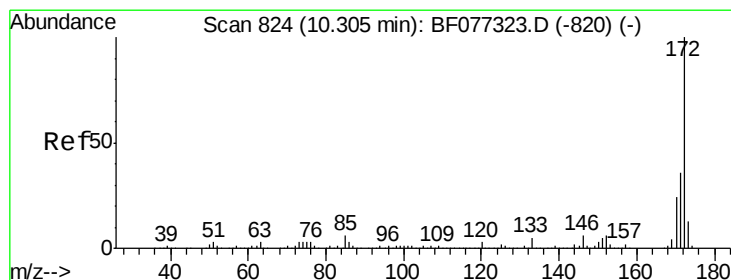
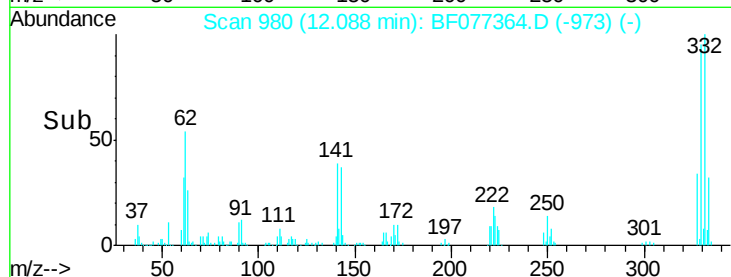
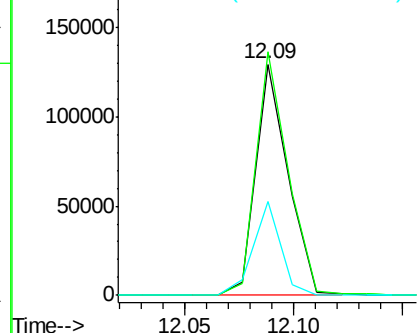
#41
 2,4,6-Tribromophenol
 Concen: 152.85 ng
 RT: 12.09 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF077364.D
 Acq: 18 Feb 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 133487
 Ion Ratio Lower Upper
 330 100
 332 104.4 76.1 114.1
 141 34.9 28.5 42.7

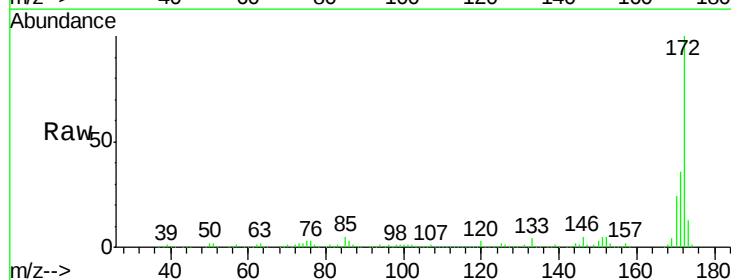


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

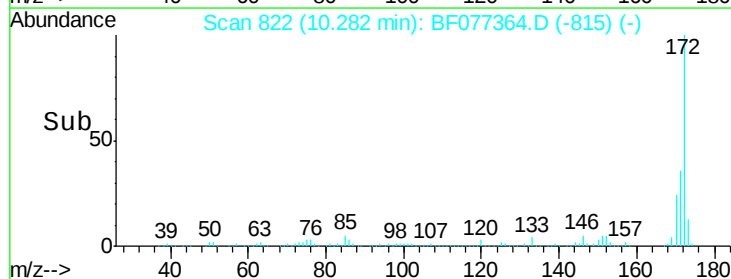
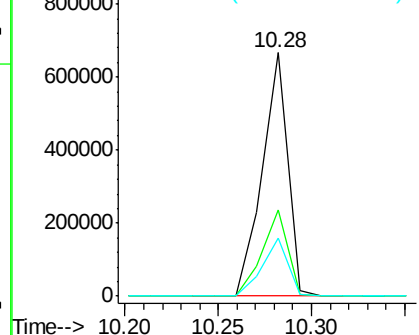


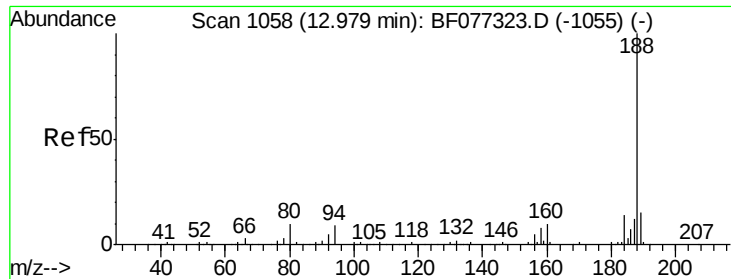
#44
 2-Fluorobiphenyl
 Concen: 100.82 ng
 RT: 10.28 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF077364.D
 Acq: 18 Feb 2015 20:58

Tgt Ion:172 Resp: 626085
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.6 19.4 29.2



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

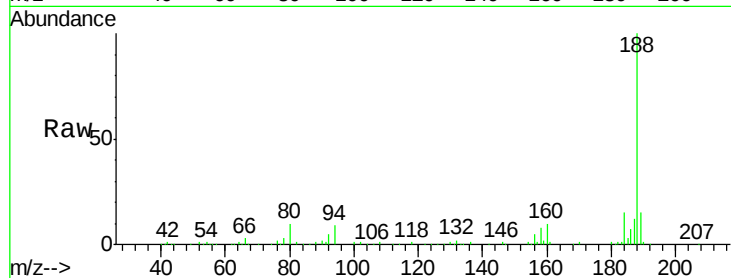




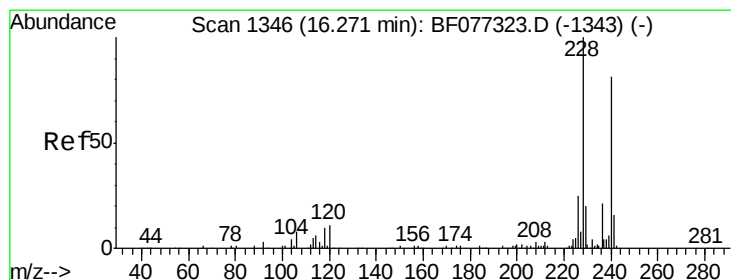
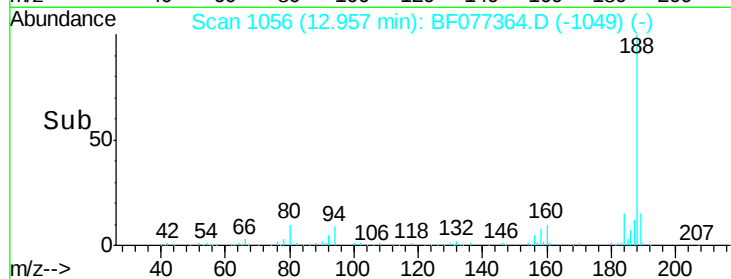
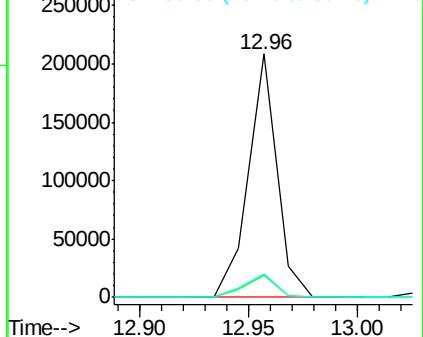
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF077364.D
Acq: 18 Feb 2015 20:58

Instrument :
BNA_F
ClientSampled :

Tgt Ion:188 Resp: 190787
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.5 7.8 11.8

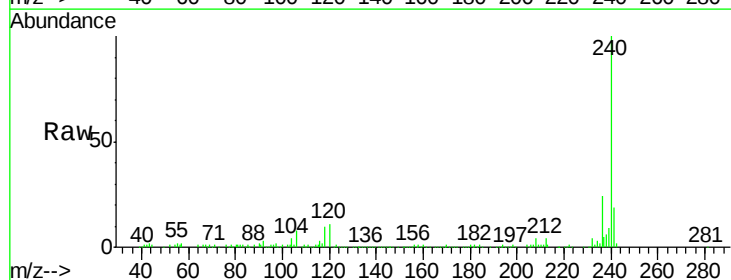


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

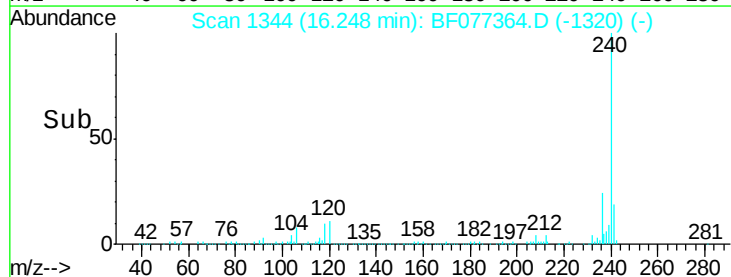
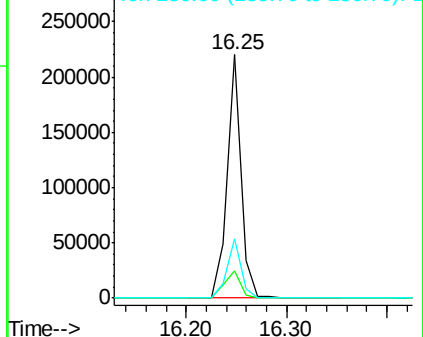


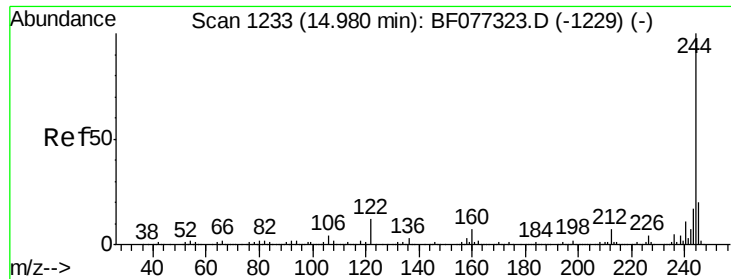
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF077364.D
Acq: 18 Feb 2015 20:58

Tgt Ion:240 Resp: 211857
Ion Ratio Lower Upper
240 100
120 11.3 11.3 16.9
236 24.3 20.3 30.5



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

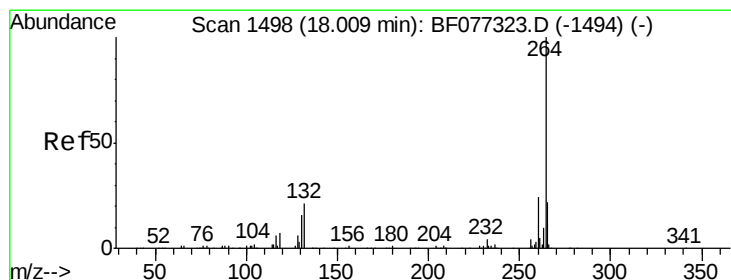
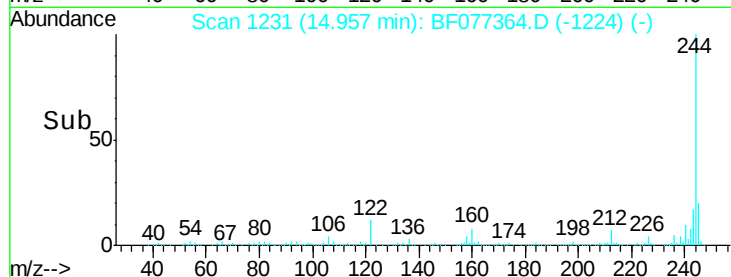
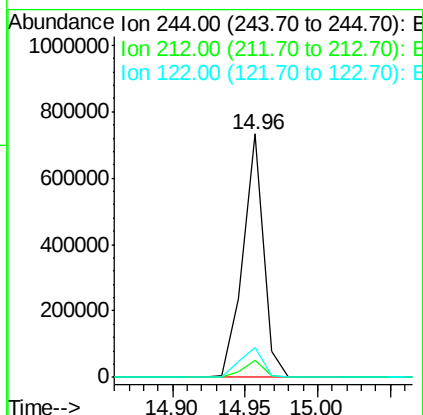
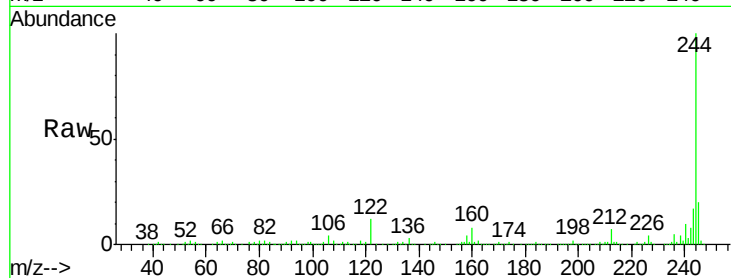




#78
 Terphenyl-d14
 Concen: 77.71 ng
 RT: 14.96 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF077364.D
 Acq: 18 Feb 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 724100
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.5 9.3 13.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.96 min Scan# 1494
 Delta R.T. -0.05 min
 Lab File: BF077364.D
 Acq: 18 Feb 2015 20:58

Tgt Ion:264 Resp: 222871
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.0 17.7 26.5

