

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041415\
 Data File : BF078538.D
 Acq On : 15 Apr 2015 12:03
 Operator : TP/IZ
 Sample : G1823-23
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Quant Time: Apr 15 12:08:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:39:18 2015
 Response via : Initial Calibration

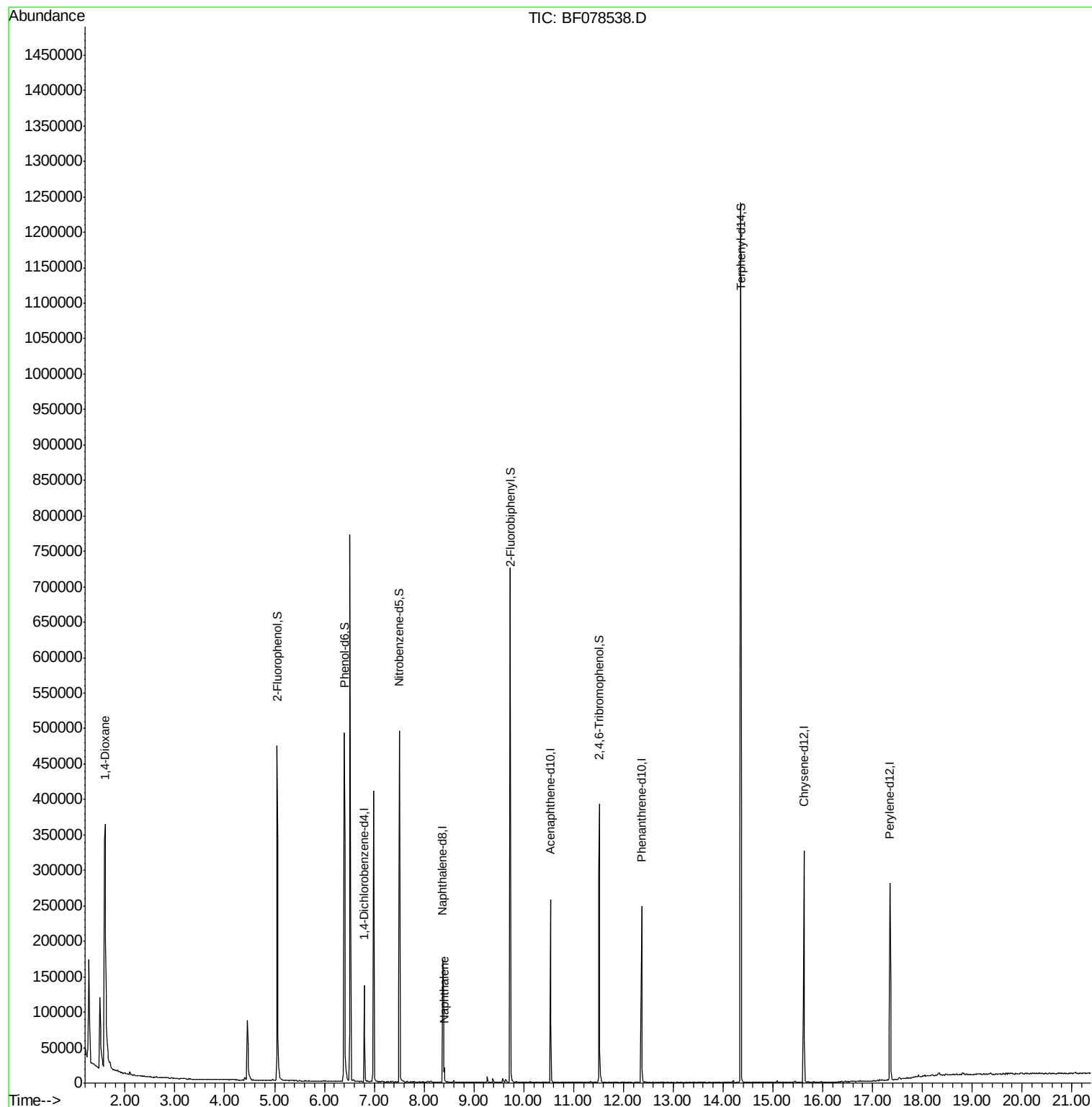
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	25415	20.00	ng	-0.01
21) Naphthalene-d8	8.38	136	106405	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	55889	20.00	ng	-0.01
63) Phenanthrene-d10	12.37	188	113129	20.00	ng	0.00
75) Chrysene-d12	15.62	240	135392	20.00	ng	-0.01
86) Perylene-d12	17.35	264	135026	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	198369	128.69	ng	0.00
7) Phenol-d6	6.40	99	236973	122.67	ng	-0.01
23) Nitrobenzene-d5	7.51	82	163200	92.97	ng	-0.01
41) 2,4,6-Tribromophenol	11.52	330	63968	138.00	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	349670	89.43	ng	0.00
78) Terphenyl-d14	14.35	244	467984	78.11	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.60	88	17113	24.55	ng	Qvalue # 23
31) Naphthalene	8.41	128	11856	2.14	ng	99

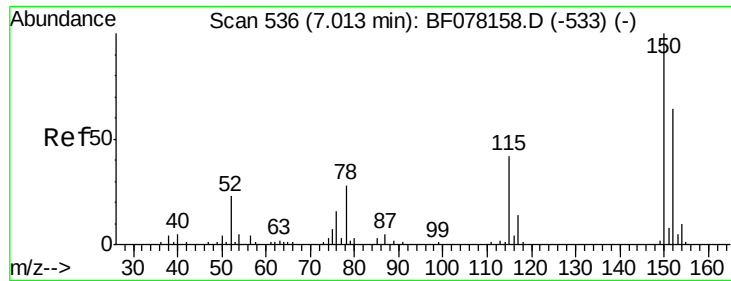
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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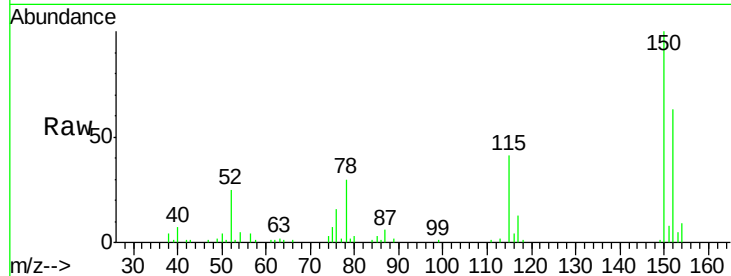




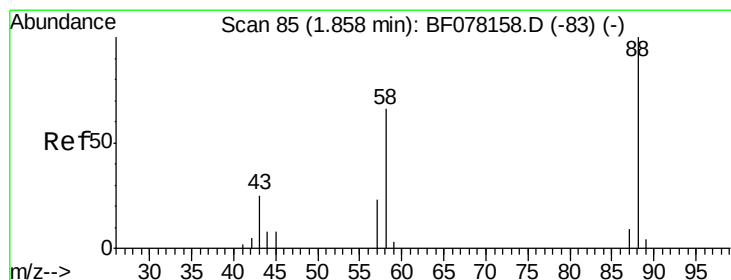
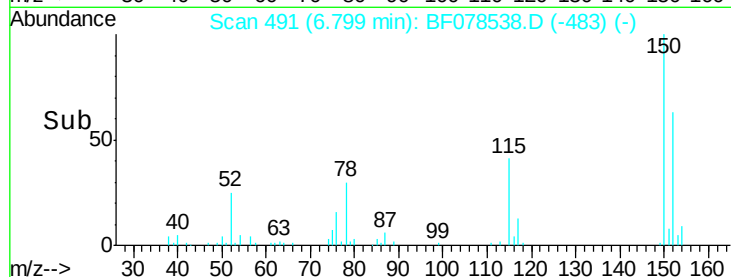
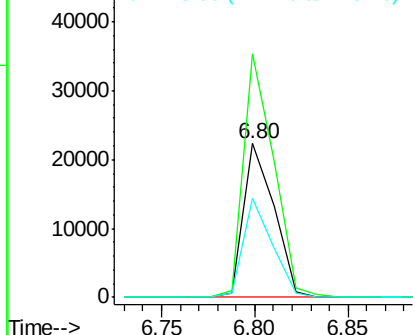
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF078538.D
 Acq: 15 Apr 2015 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Tgt Ion: 152 Resp: 25415
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.9 188.9
 115 64.4 52.7 79.1

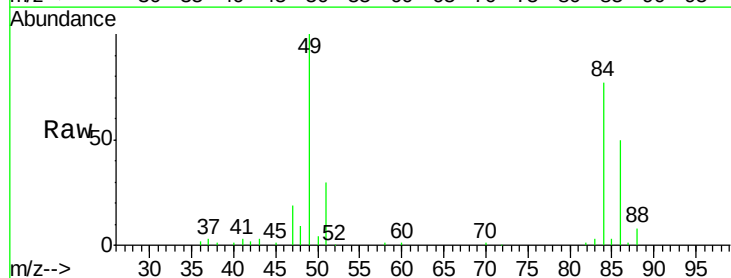


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

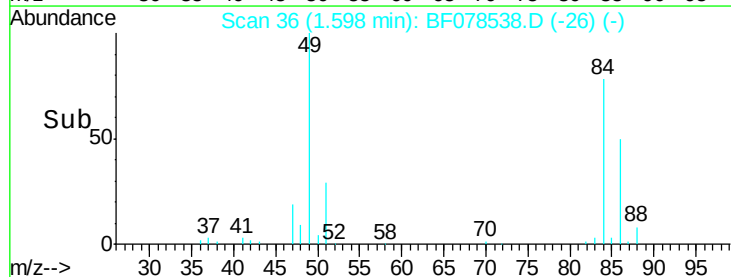
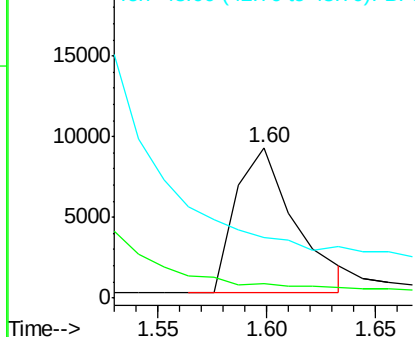


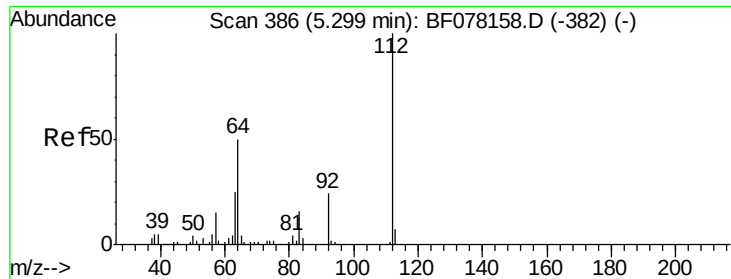
#2
 1,4-Dioxane
 Concen: 24.55 ng
 RT: 1.60 min Scan# 36
 Delta R.T. 0.01 min
 Lab File: BF078538.D
 Acq: 15 Apr 2015 12:03

Tgt Ion: 88 Resp: 17113
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.9 85.3#
 43 0.0 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 128.69 ng

RT: 5.05 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF078538.D

Acq: 15 Apr 2015 12:03

Instrument :

BNA_F

ClientSampleId :

SP-6

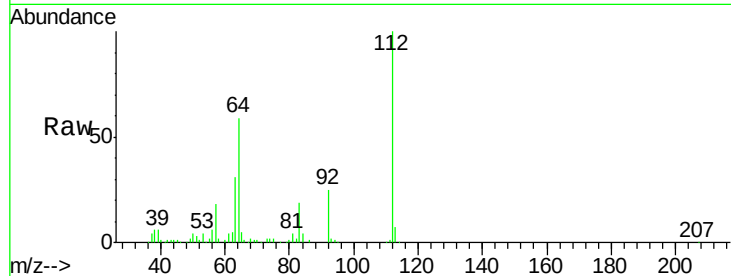
Tgt Ion: 112 Resp: 198369

Ion Ratio Lower Upper

112 100

64 58.9 39.9 59.9

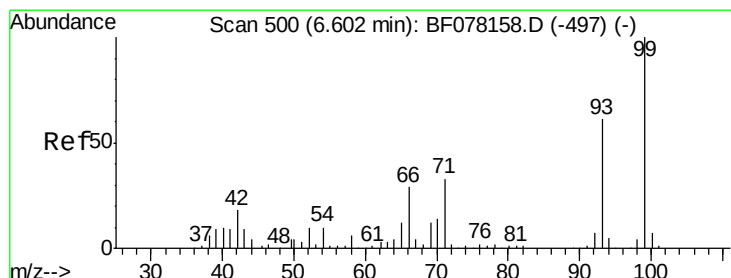
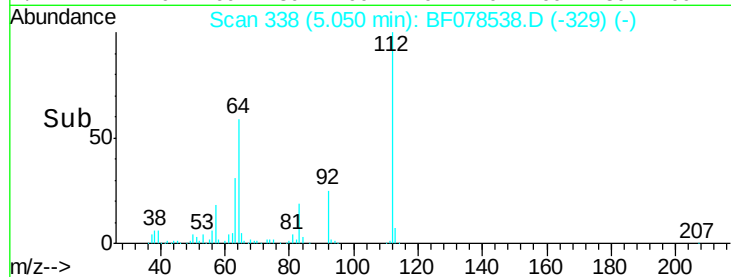
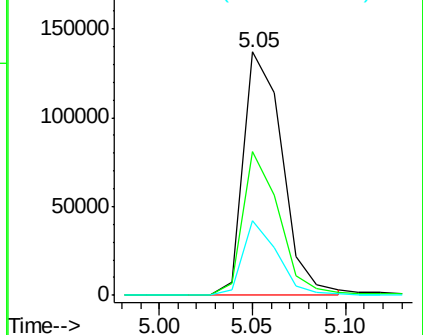
63 30.8 20.2 30.4#



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: 122.67 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF078538.D

Acq: 15 Apr 2015 12:03

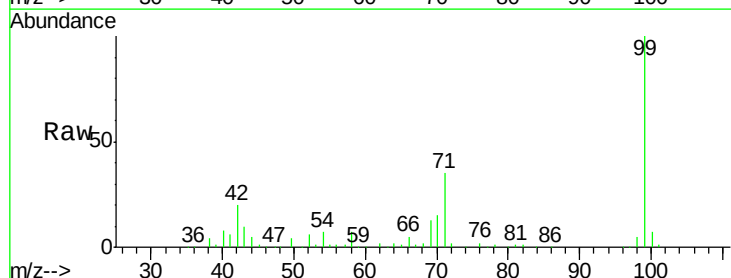
Tgt Ion: 99 Resp: 236973

Ion Ratio Lower Upper

99 100

42 20.1 14.8 22.2

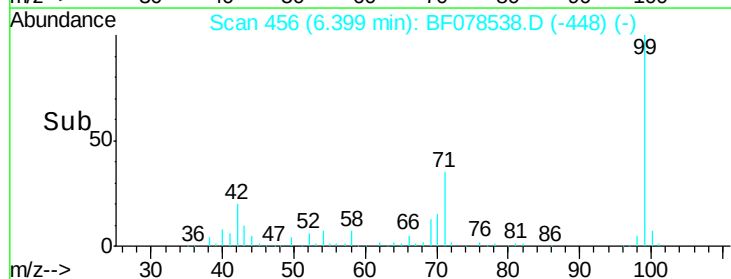
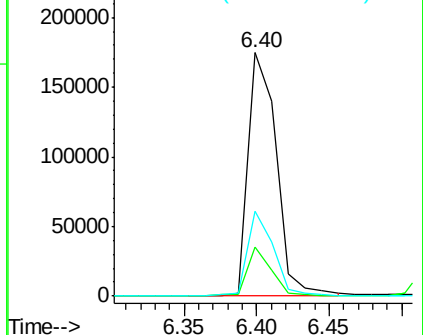
71 34.8 26.6 39.8

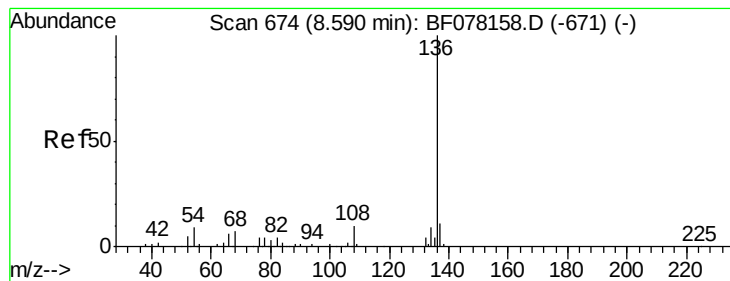


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078538.D

Acq: 15 Apr 2015 12:03

Instrument :

BNA_F

ClientSampleId :

SP-6

Tgt Ion: 136 Resp: 106405

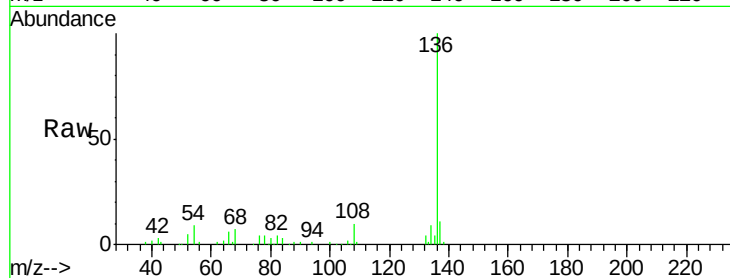
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.2 7.0 10.6

68 7.3 5.4 8.2

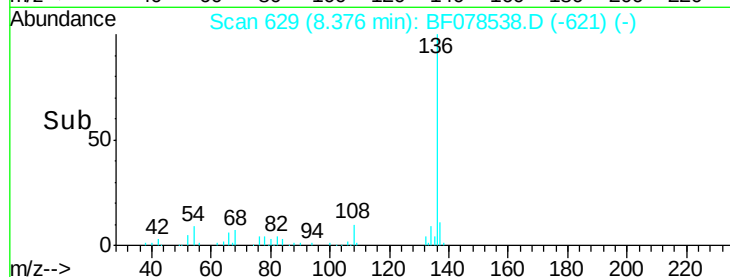


Abundance Ion 136.00 (135.70 to 136.70): E

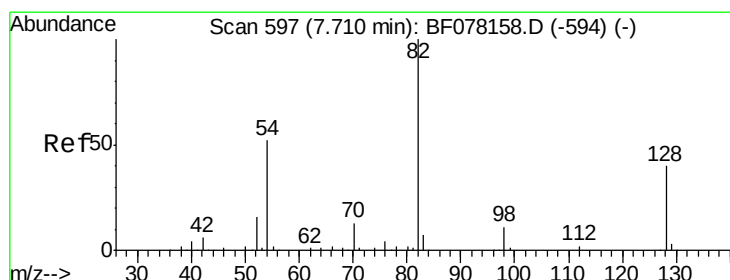
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.30 8.35 8.40 8.45



#23

Nitrobenzene-d5

Concen: 92.97 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF078538.D

Acq: 15 Apr 2015 12:03

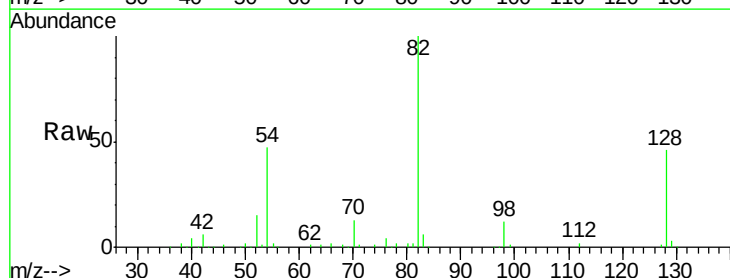
Tgt Ion: 82 Resp: 163200

Ion Ratio Lower Upper

82 100

128 45.9 31.8 47.8

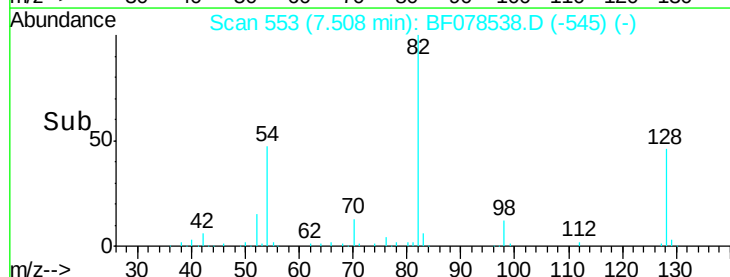
54 46.8 41.5 62.3



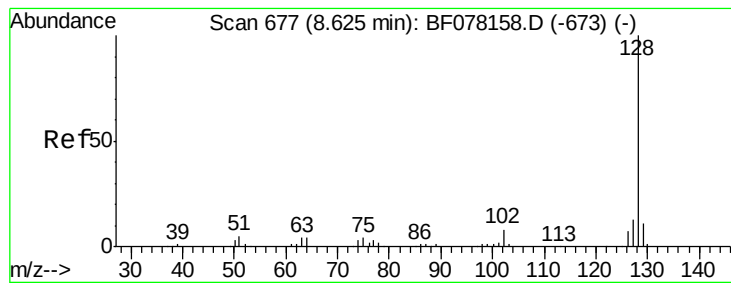
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.45 7.50 7.55



#31

Naphthalene

Concen: 2.14 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078538.D

Acq: 15 Apr 2015 12:03

Instrument :

BNA_F

ClientSampleId :

SP-6

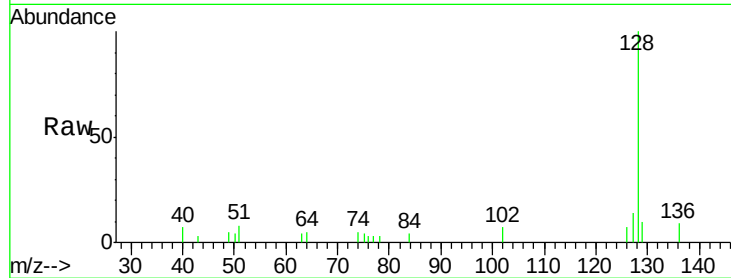
Tgt Ion:128 Resp: 11856

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

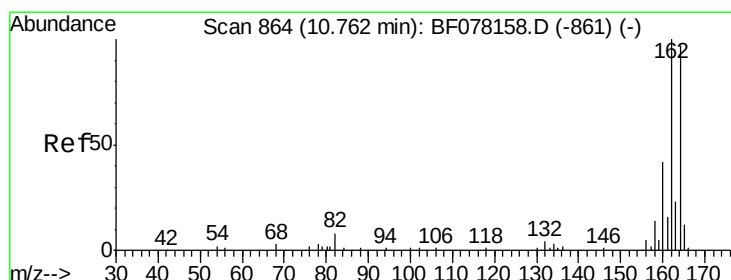
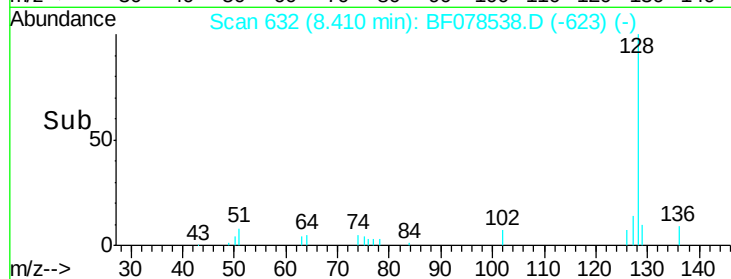
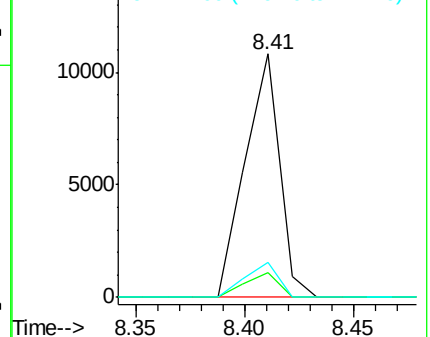
127 14.2 10.7 16.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.54 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF078538.D

Acq: 15 Apr 2015 12:03

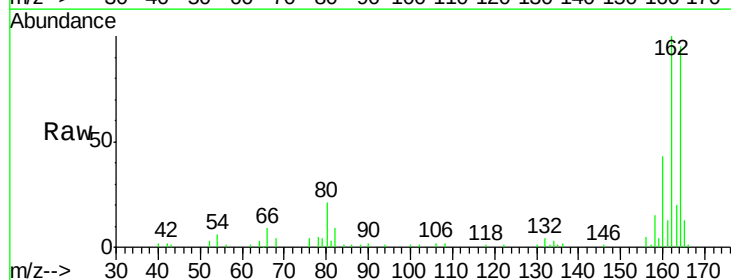
Tgt Ion:164 Resp: 55889

Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

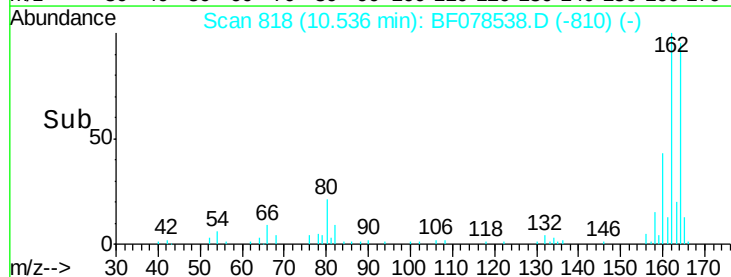
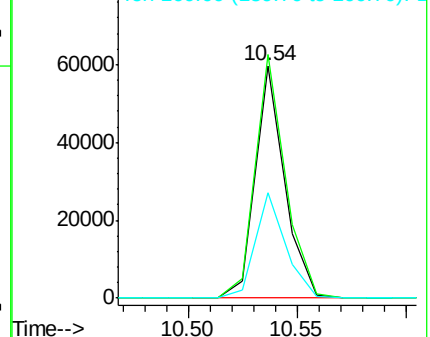
160 45.5 34.7 52.1

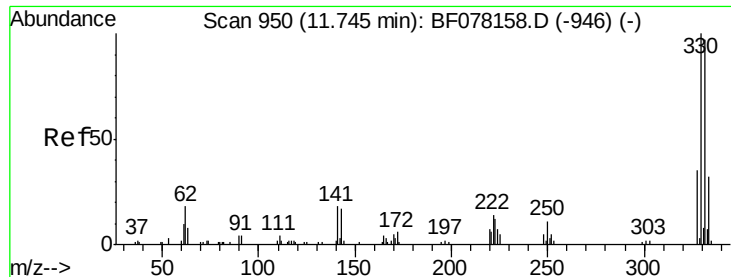


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

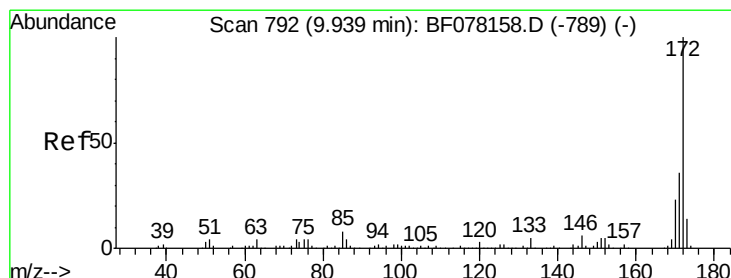
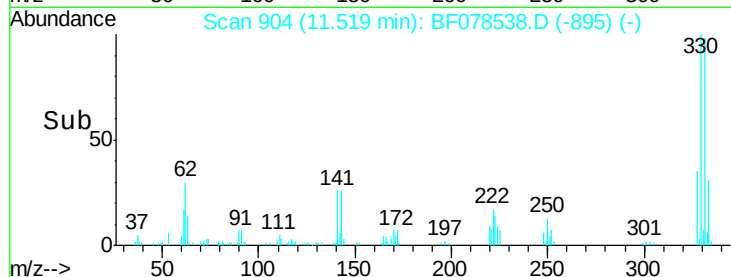
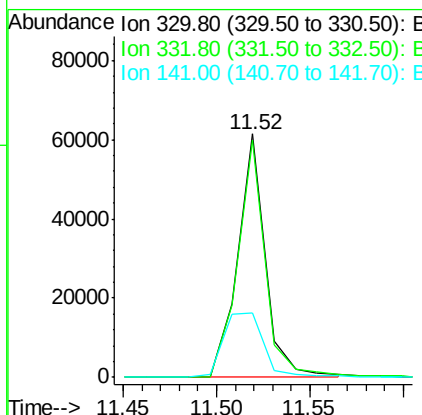
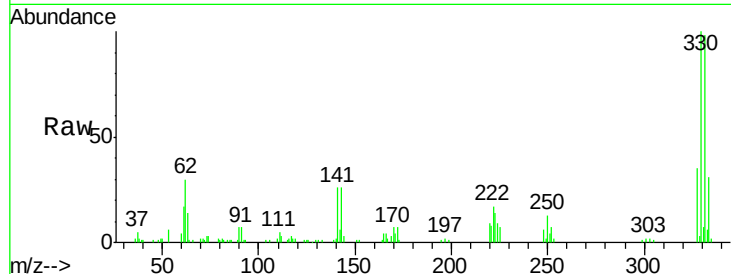




#41
 2,4,6-Tribromophenol
 Concen: 138.00 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF078538.D
 Acq: 15 Apr 2015 12:03

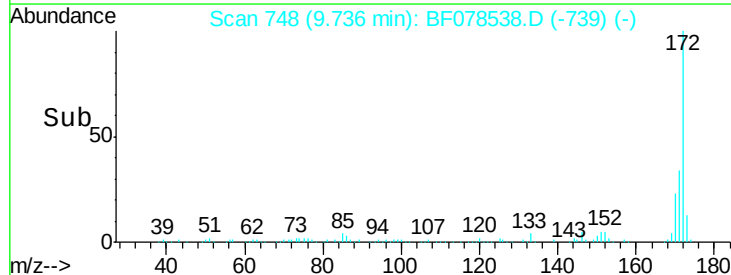
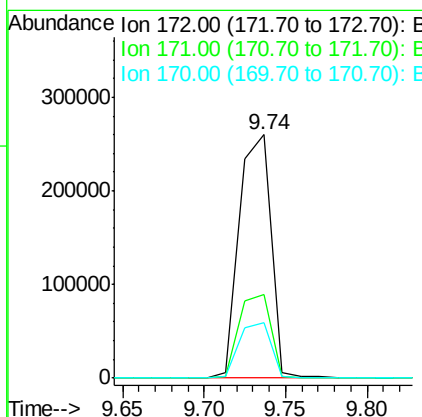
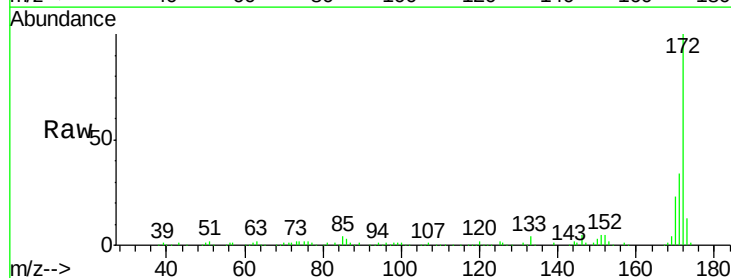
Instrument :
 BNA_F
 ClientSampleId :
 SP-6

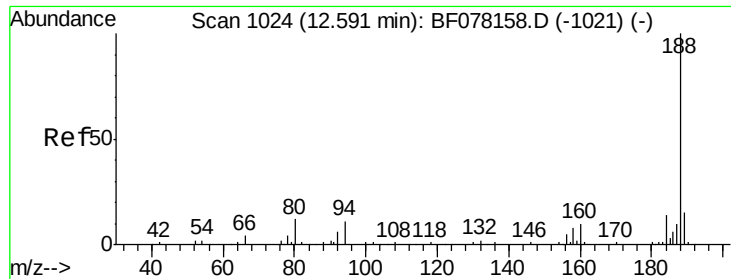
Tgt Ion:330 Resp: 63968
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.6 117.8
 141 38.3 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 89.43 ng
 RT: 9.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF078538.D
 Acq: 15 Apr 2015 12:03

Tgt Ion:172 Resp: 349670
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 42.8
 170 22.9 18.5 27.7

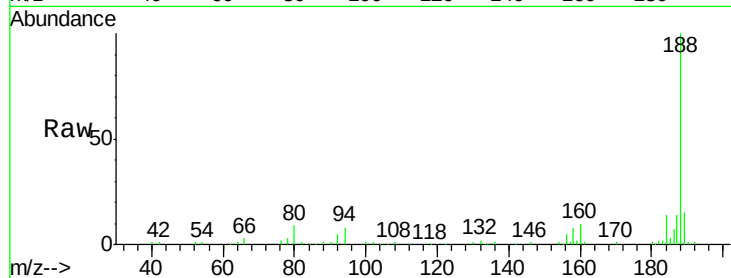




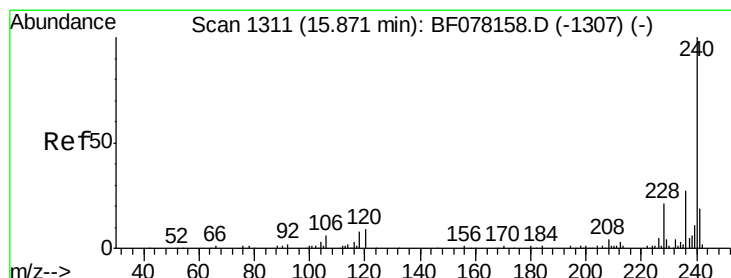
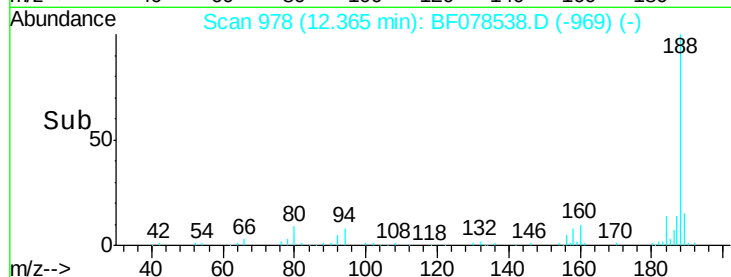
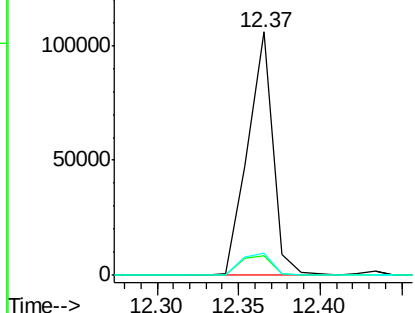
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078538.D
Acq: 15 Apr 2015 12:03

Instrument :
BNA_F
ClientSampled :
SP-6

Tgt Ion:188 Resp: 113129
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.9 9.5 14.3#

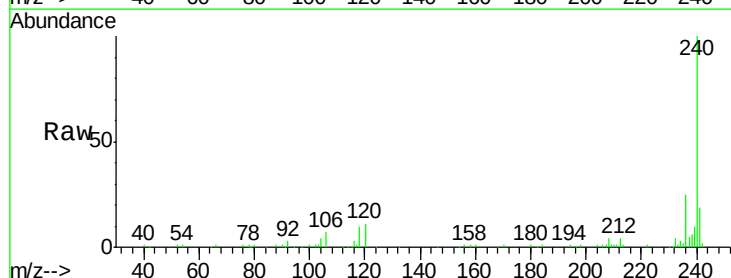


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

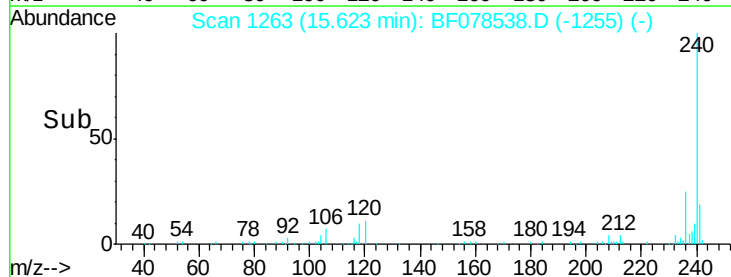
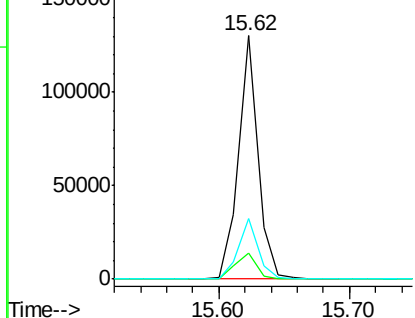


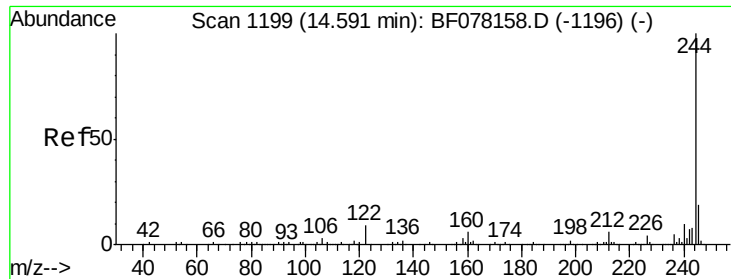
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF078538.D
Acq: 15 Apr 2015 12:03

Tgt Ion:240 Resp: 135392
Ion Ratio Lower Upper
240 100
120 10.6 7.1 10.7
236 24.9 21.4 32.2



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

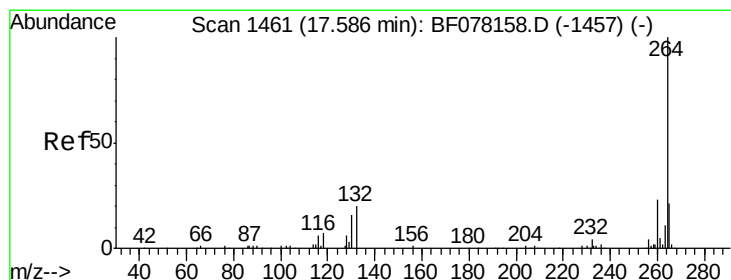
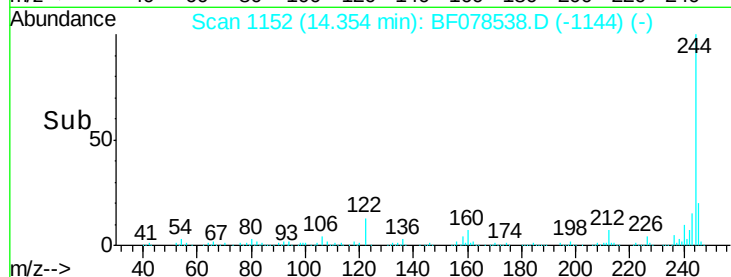
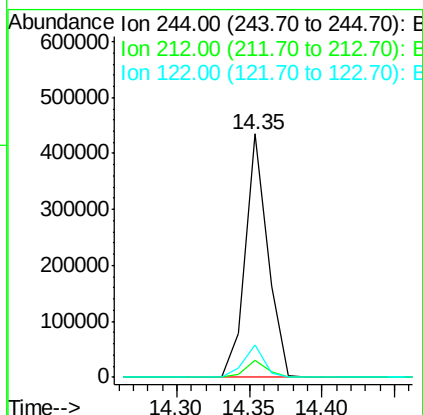
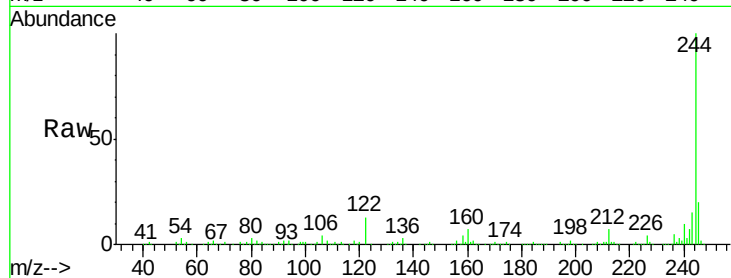




#78
 Terphenyl-d14
 Concen: 78.11 ng
 RT: 14.35 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF078538.D
 Acq: 15 Apr 2015 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Tgt Ion: 244 Resp: 467984
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 13.1 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.35 min Scan# 1414
 Delta R.T. 0.02 min
 Lab File: BF078538.D
 Acq: 15 Apr 2015 12:03

Tgt Ion: 264 Resp: 135026
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.6 27.8
 265 20.3 17.0 25.6

