

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081566.D
 Acq On : 9 Sep 2015 22:19
 Operator : UM/IZ
 Sample : G3540-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1508043488THRU-1508043493-CO

Quant Time: Sep 10 08:42:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

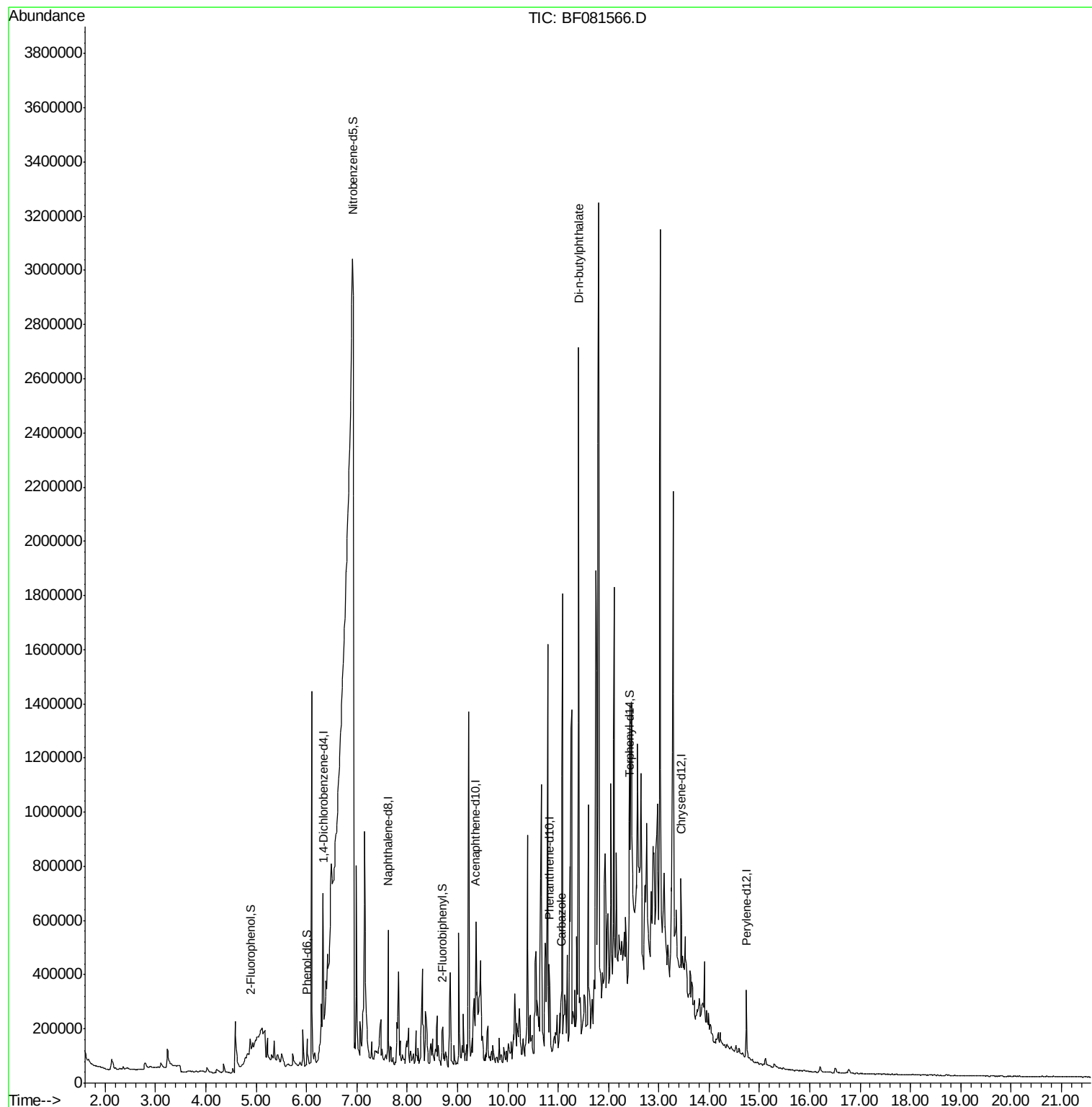
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	49739	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	181915	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	75369	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	140907m	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	100864	20.00	ng	0.00
86) Perylene-d12	14.74	264	92264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	13984	4.36	ng	0.01
7) Phenol-d6	6.01	99	26397	6.22	ng	0.00
23) Nitrobenzene-d5	6.91	82	31911	8.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	682	1.02	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	30802	5.24	ng	0.00
78) Terphenyl-d14	12.41	244	24517	5.66	ng	0.00
Target Compounds						
72) Carbazole	11.06	167	16784m	2.22	ng	Qvalue
73) Di-n-butylphthalate	11.41	149	35034m	3.93	ng	

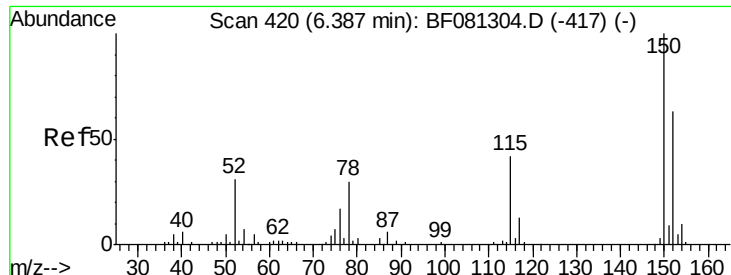
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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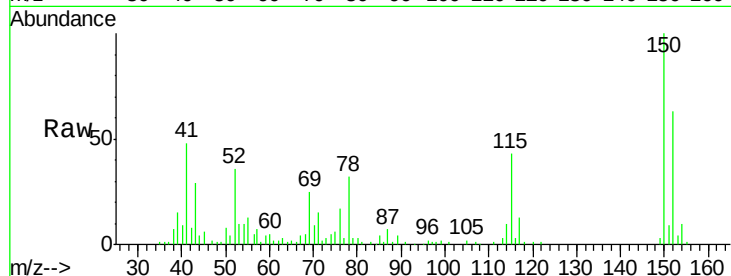


#1

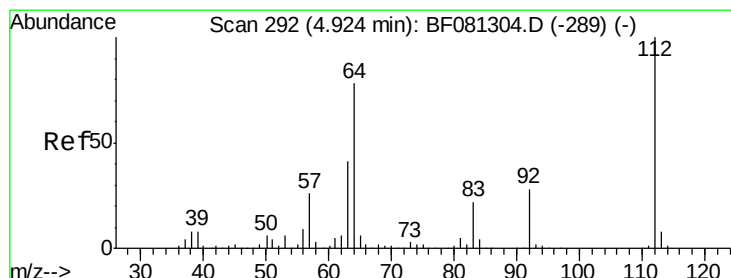
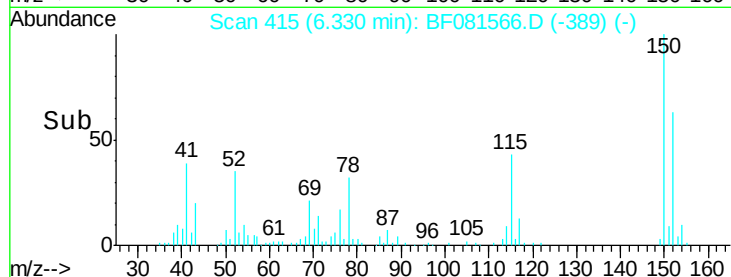
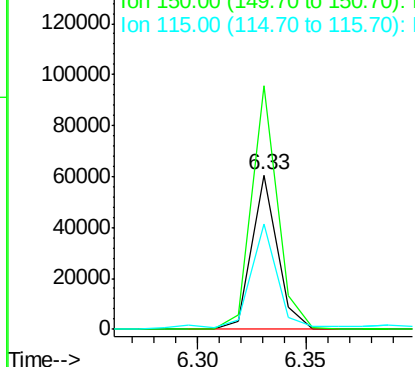
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Instrument :
BNA_F
ClientSampleId :
1508043488THRU-1508043493-CO

Tgt Ion:152 Resp: 49739
Ion Ratio Lower Upper
152 100
150 157.9 124.7 187.1
115 68.2 39.0 58.4#



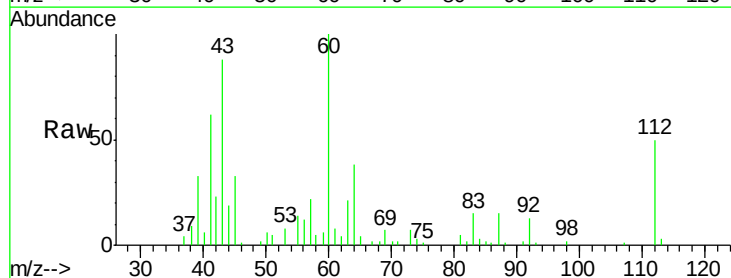
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



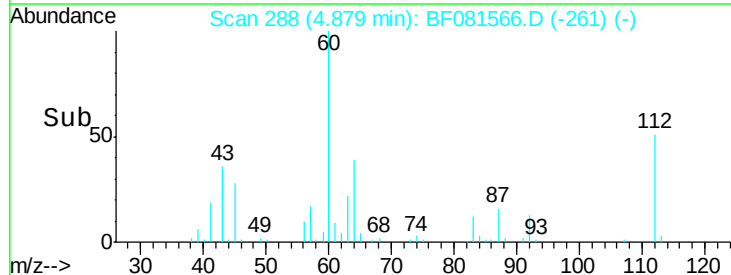
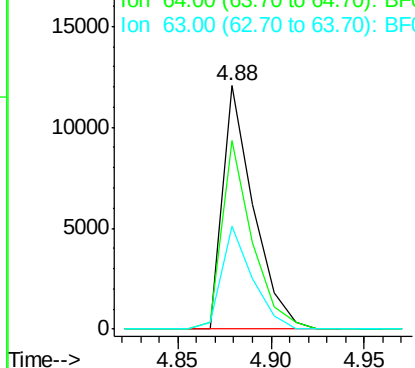
#5

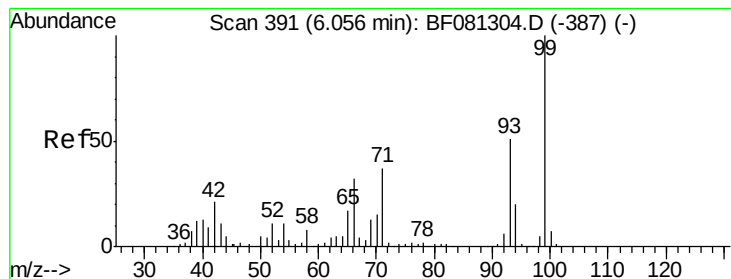
2-Fluorophenol
Concen: 4.36 ng
RT: 4.88 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Tgt Ion:112 Resp: 13984
Ion Ratio Lower Upper
112 100
64 77.2 39.7 59.5#
63 42.4 17.4 26.0#



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: 6.22 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

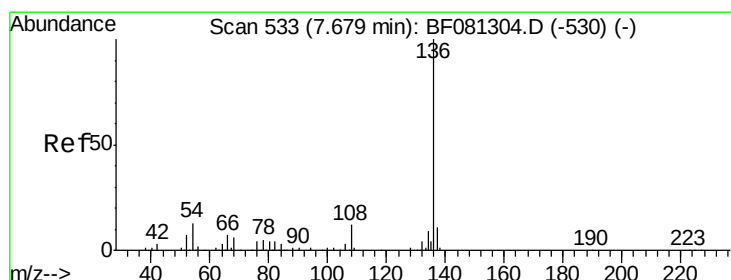
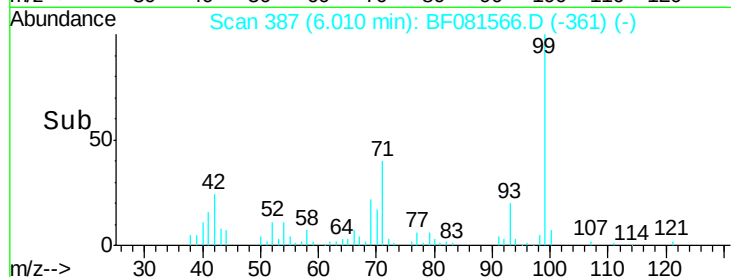
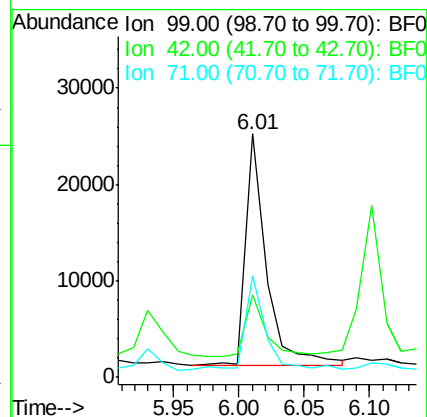
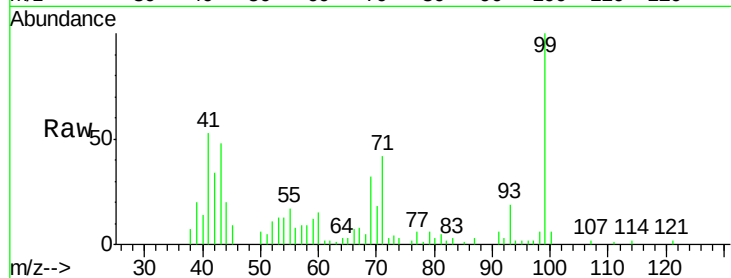
Tgt Ion: 99 Resp: 26397

Ion Ratio Lower Upper

99 100

42 33.7 13.7 20.5#

71 41.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Tgt Ion: 136 Resp: 181915

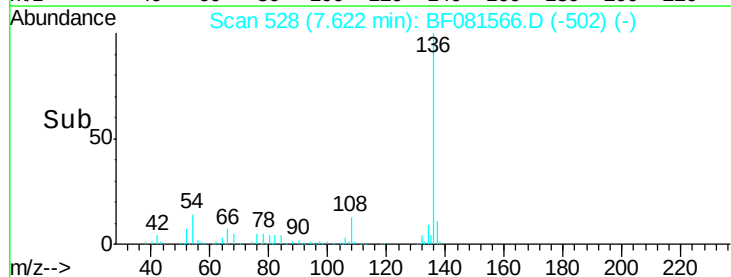
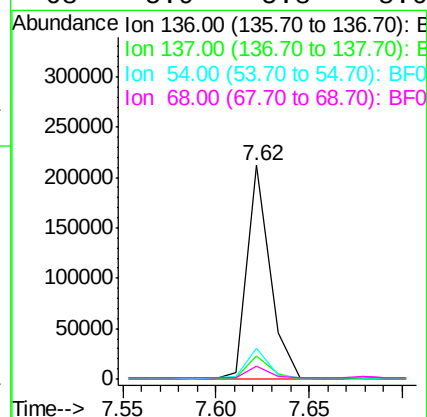
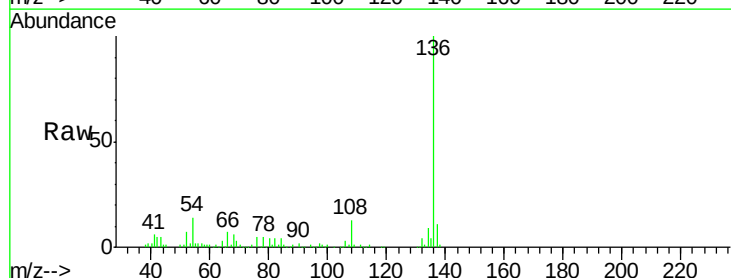
Ion Ratio Lower Upper

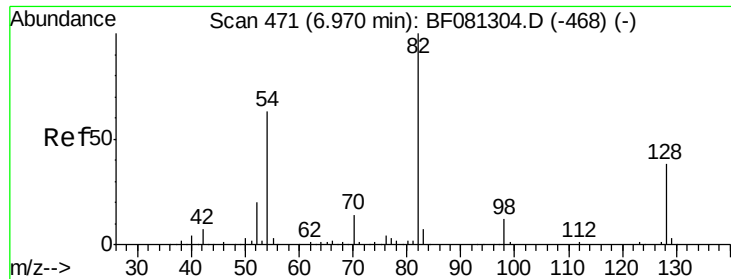
136 100

137 11.1 9.0 13.6

54 14.1 8.2 12.2#

68 5.9 5.8 8.6





#23

Nitrobenzene-d5

Concen: 8.46 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

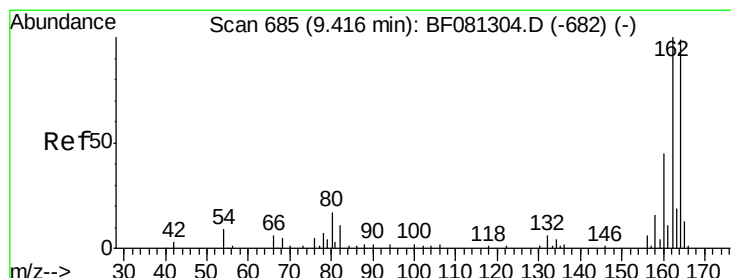
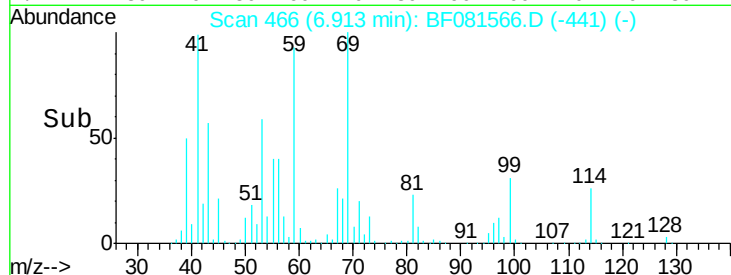
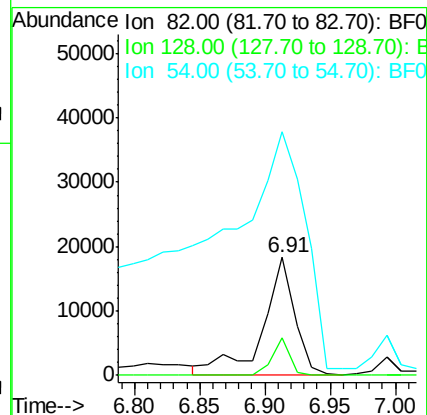
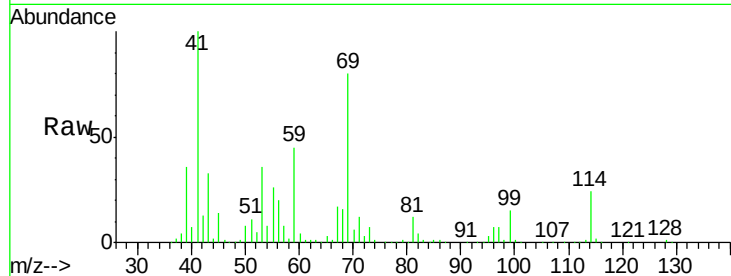
Tgt Ion: 82 Resp: 31911

Ion Ratio Lower Upper

82 100

128 31.5 51.0 76.6#

54 206.3 47.5 71.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

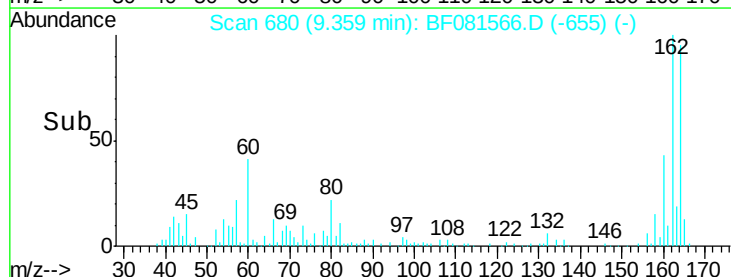
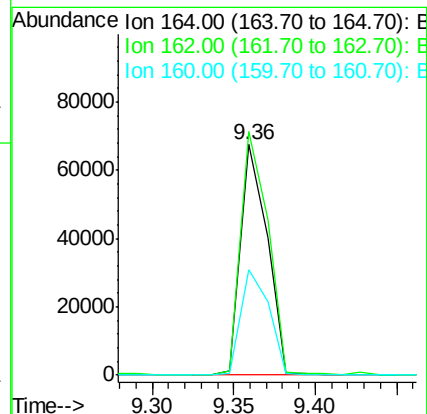
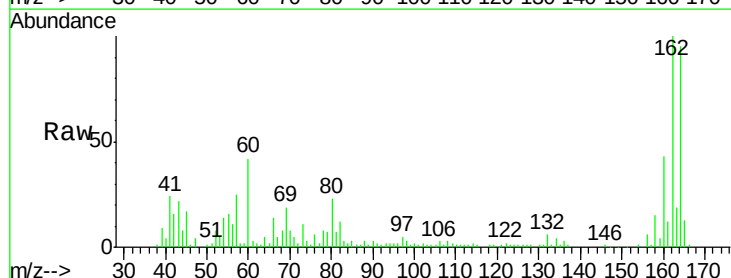
Tgt Ion: 164 Resp: 75369

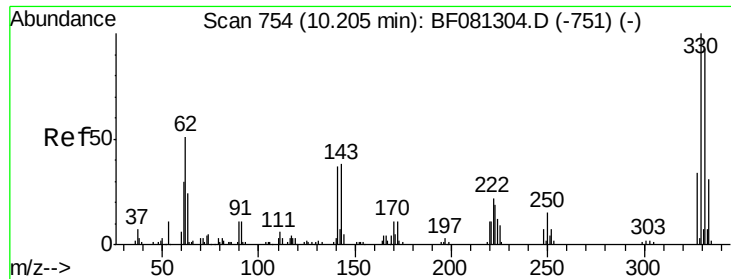
Ion Ratio Lower Upper

164 100

162 105.7 75.2 112.8

160 45.9 31.5 47.3

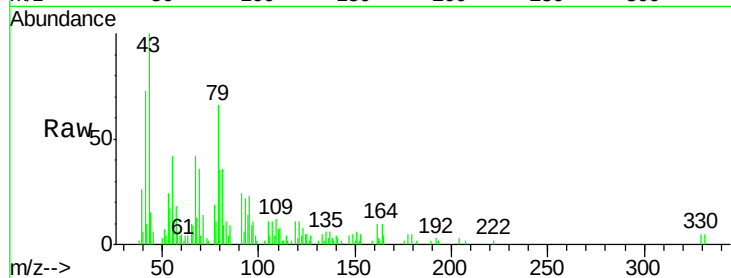




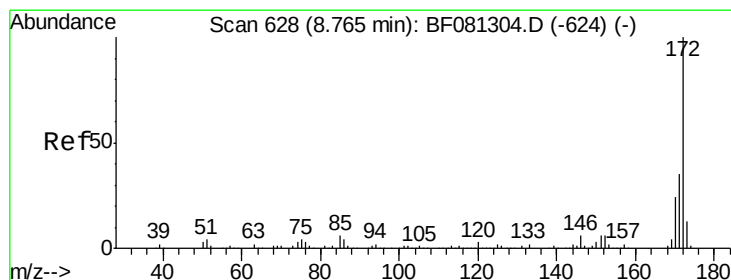
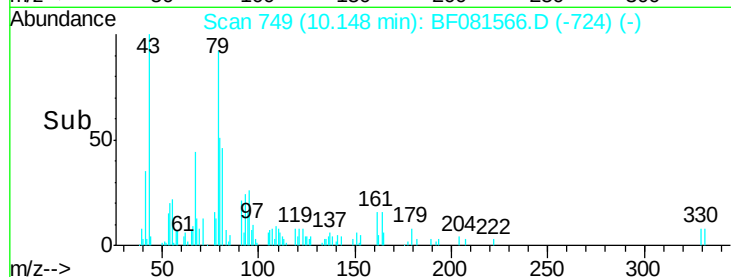
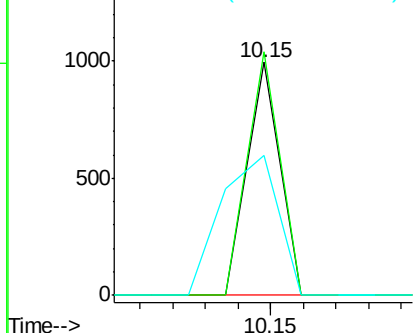
#41
 2,4,6-Tribromophenol
 Concen: 1.02 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081566.D
 Acq: 9 Sep 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 1508043488THRU-1508043493-CO

Tgt Ion:330 Resp: 682
 Ion Ratio Lower Upper
 330 100
 332 104.4 76.6 114.8
 141 106.0 29.7 44.5#

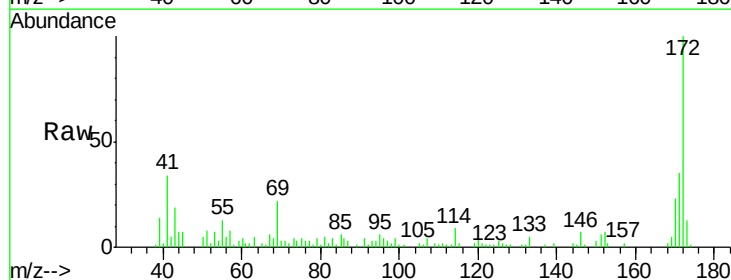


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

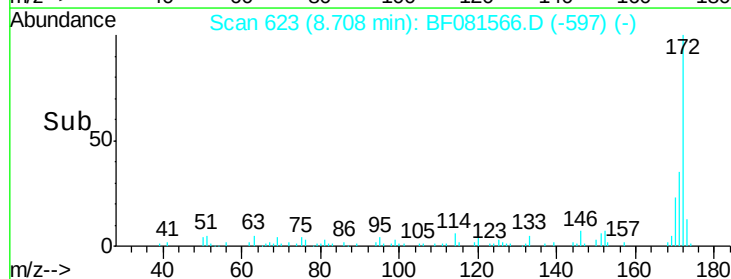
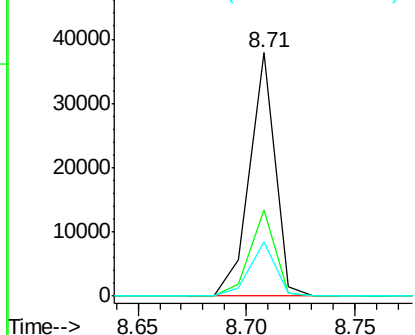


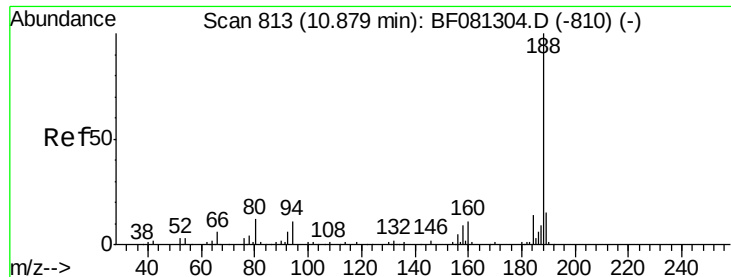
#44
 2-Fluorobiphenyl
 Concen: 5.24 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081566.D
 Acq: 9 Sep 2015 22:19

Tgt Ion:172 Resp: 30802
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 22.5 17.4 26.2



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

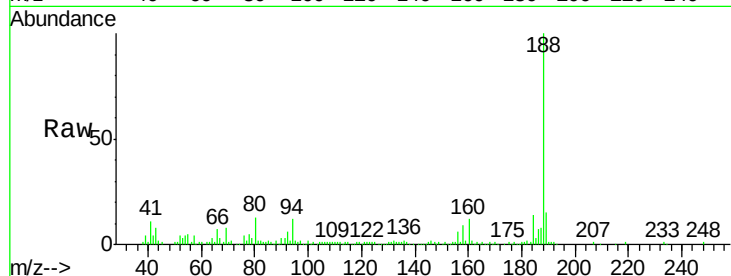




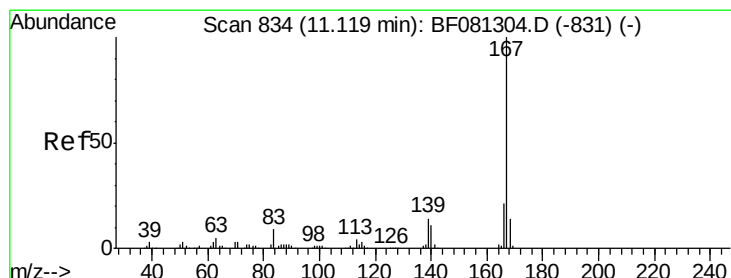
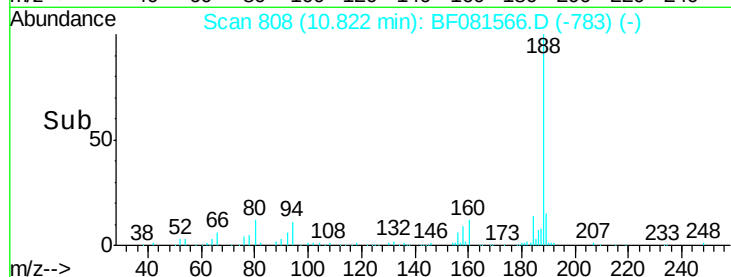
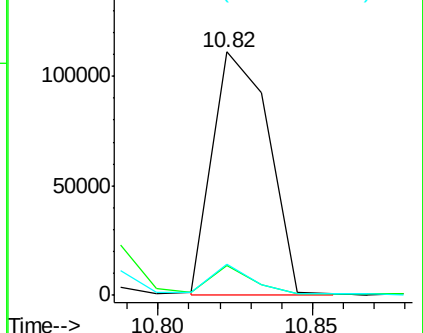
#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Instrument :
BNA_F
ClientSampleId :
1508043488THRU-1508043493-CO

Tgt Ion:188 Resp: 140907
Ion Ratio Lower Upper
188 100
94 12.2 11.1 16.7
80 12.7 11.0 16.4

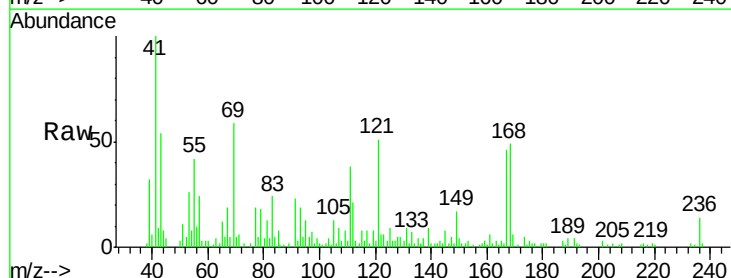


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

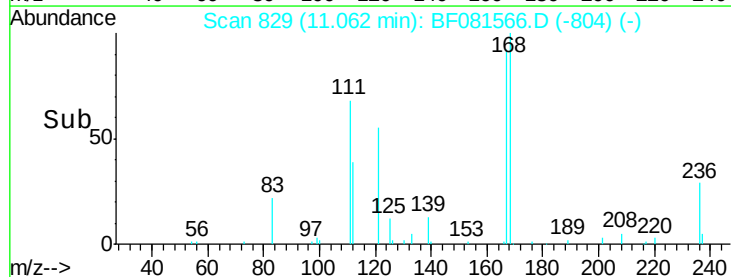
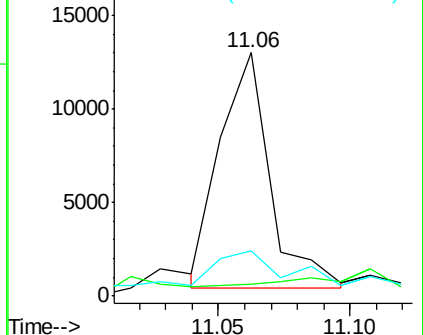


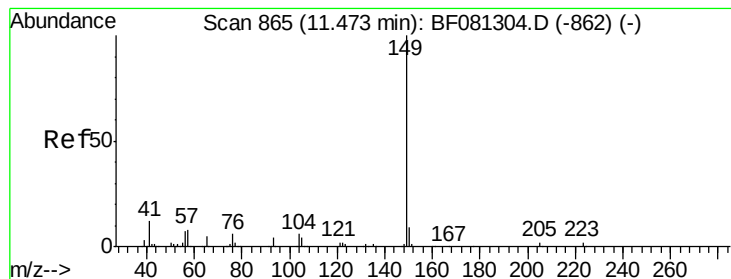
#72
Carbazole
Concen: 2.22 ng m
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Tgt Ion:167 Resp: 16784
Ion Ratio Lower Upper
167 100
166 4.7 15.7 23.5#
139 18.7 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 3.93 ng m

RT: 11.41 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

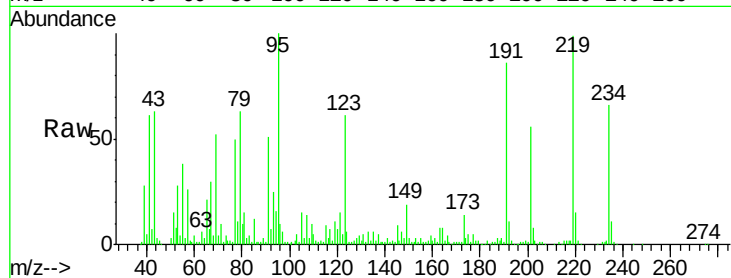
Tgt Ion:149 Resp: 35034

Ion Ratio Lower Upper

149 100

150 14.2 7.4 11.2#

104 7.8 2.4 3.6#

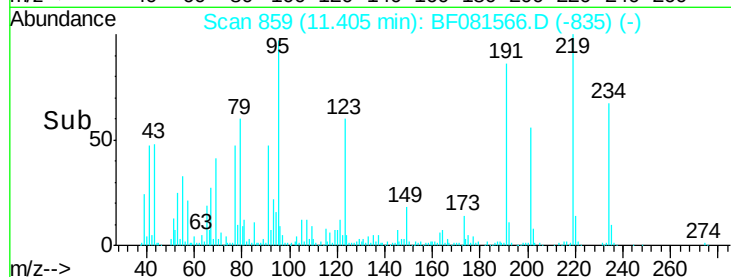


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 11.35 11.40 11.45

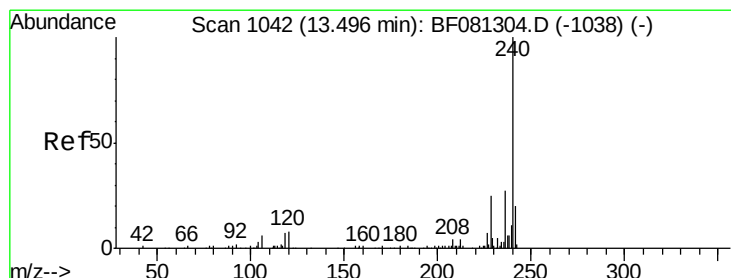


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 11.35 11.40 11.45



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

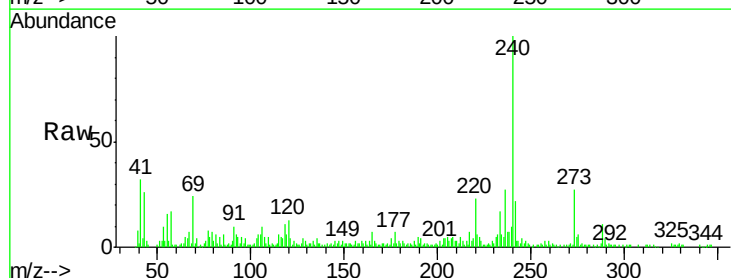
Tgt Ion:240 Resp: 100864

Ion Ratio Lower Upper

240 100

120 12.9 16.2 24.2#

236 27.2 18.4 27.6

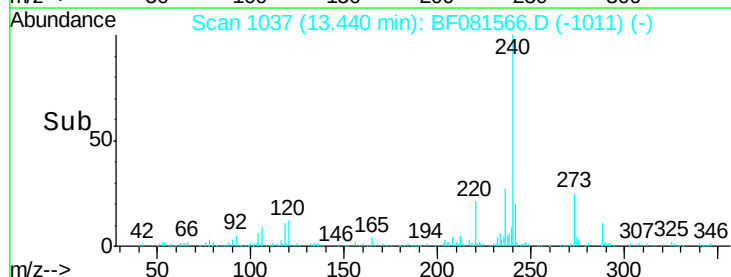


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 13.35 13.40 13.45 13.50

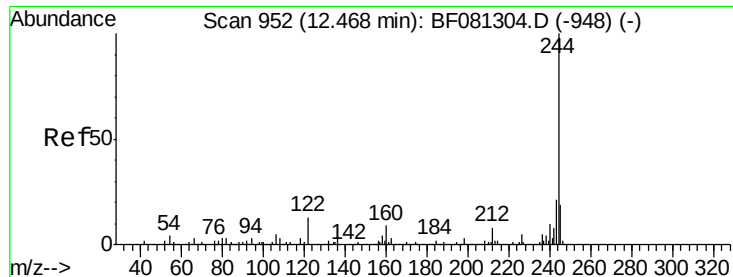


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 13.35 13.40 13.45 13.50



#78

Terphenyl-d14

Concen: 5.66 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

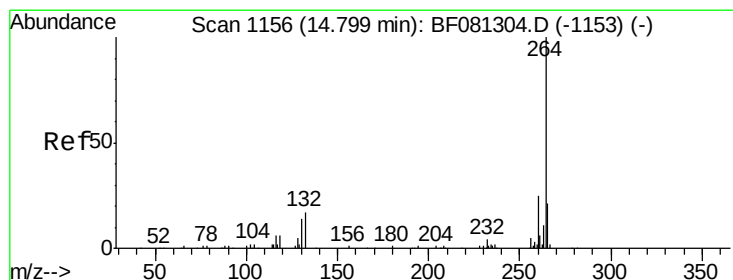
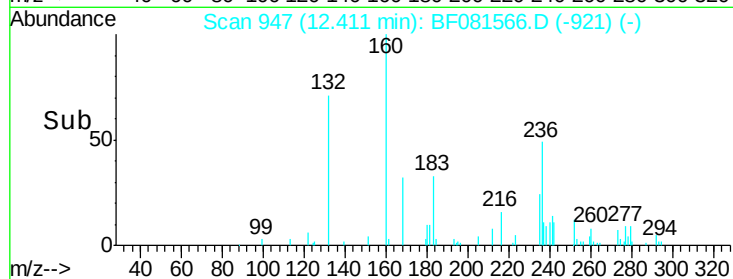
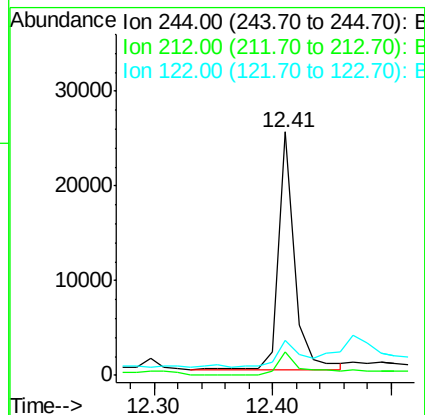
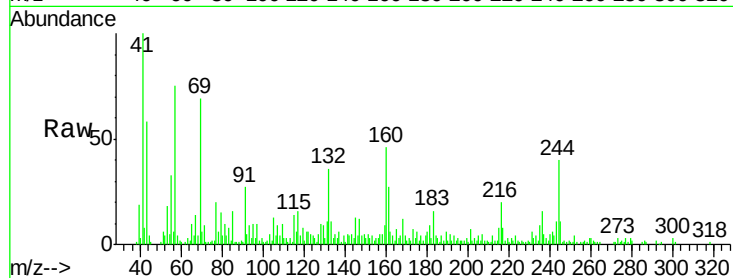
BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

Tgt Ion:244 Resp: 24517

Ion	Ratio	Lower	Upper
244	100		
212	9.7	4.3	6.5#
122	14.6	17.4	26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Tgt Ion:264 Resp: 92264

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	20.9	17.2	25.8

