

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093753.D
 Acq On : 18 Mar 2017 14:55
 Operator : SJ/MA
 Sample : I2270-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41B-9-11

Quant Time: Mar 20 01:52:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

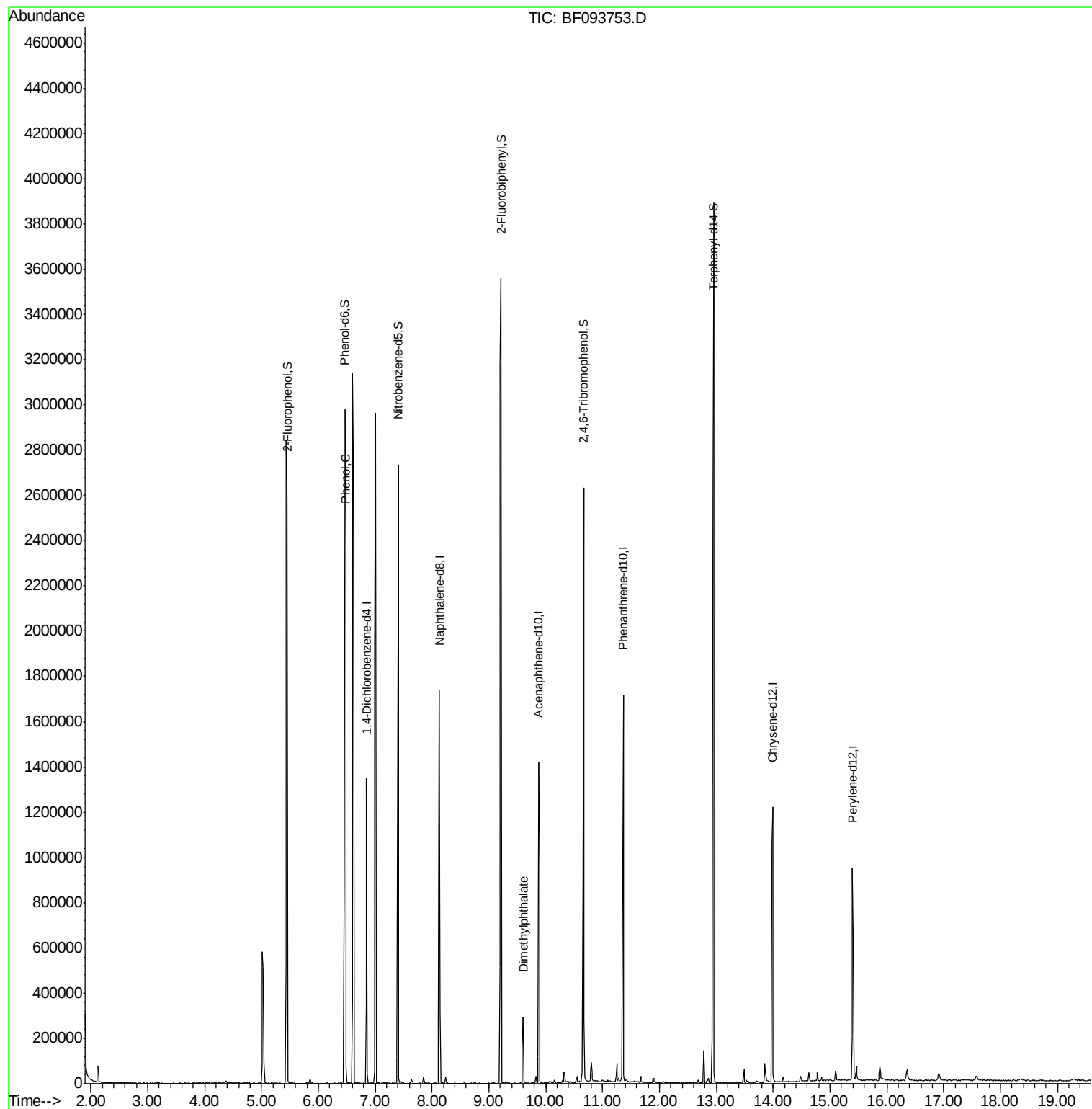
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	202865	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	780263	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	364733	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	704076	20.00	ng	0.00
75) Chrysene-d12	13.99	240	592240	20.00	ng	-0.01
86) Perylene-d12	15.40	264	446736	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1254991	103.14	ng	0.01
7) Phenol-d6	6.47	99	1556219	103.19	ng	-0.01
23) Nitrobenzene-d5	7.41	82	998174	76.78	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	280312	117.43	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1732616	89.64	ng	0.00
78) Terphenyl-d14	12.95	244	1472299	53.51	ng	0.00
Target Compounds						
10) Phenol	6.48	94	77028	4.37	ng	Qvalue # 58
49) Dimethylphthalate	9.60	163	150971	6.34	ng	97

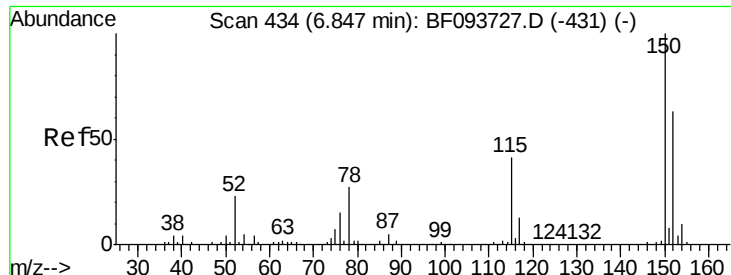
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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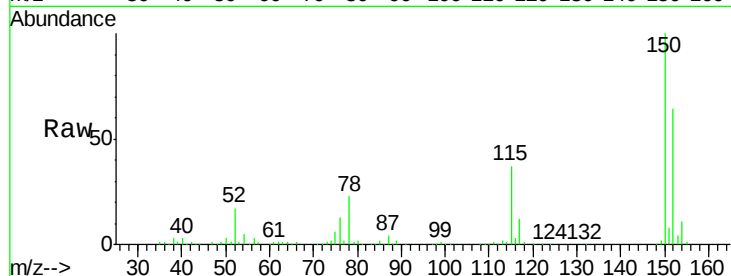




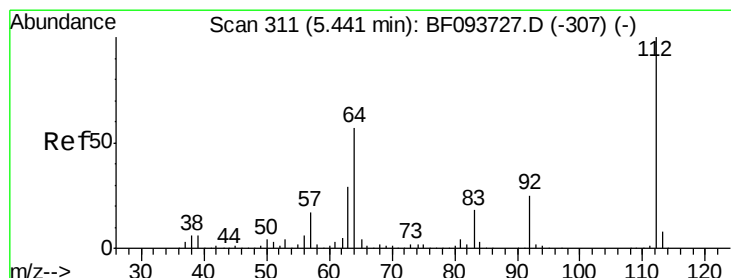
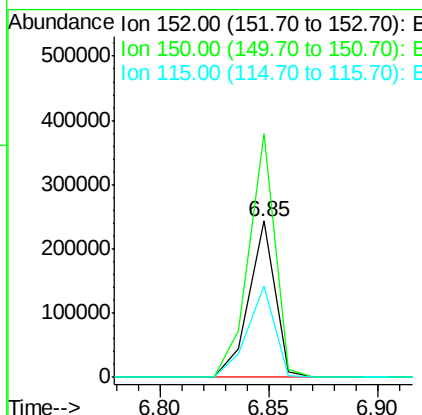
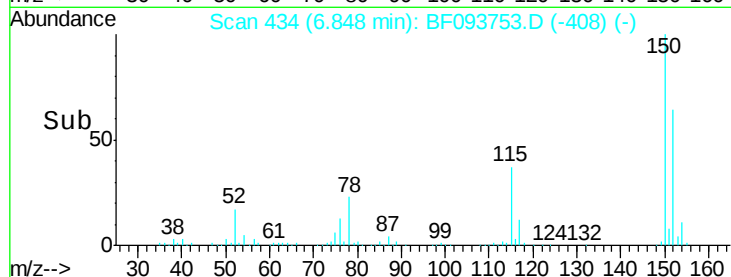
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF093753.D
 Acq: 18 Mar 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 41B-9-11

Tgt Ion:152 Resp: 202865
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 58.0 52.2 78.2

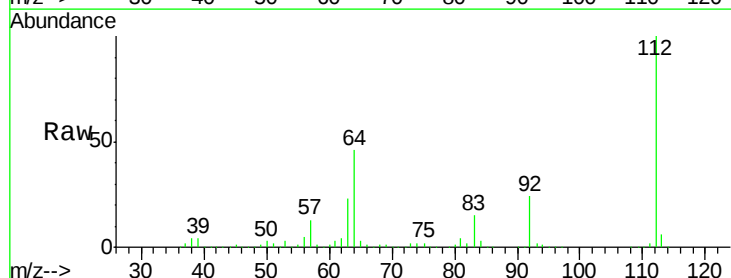


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

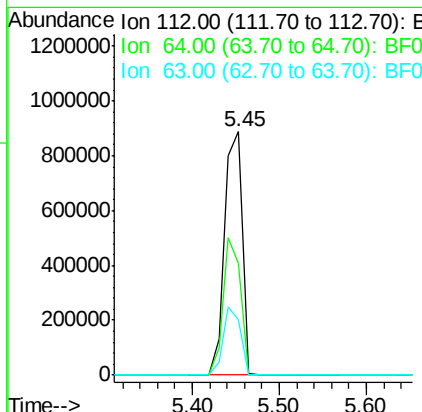
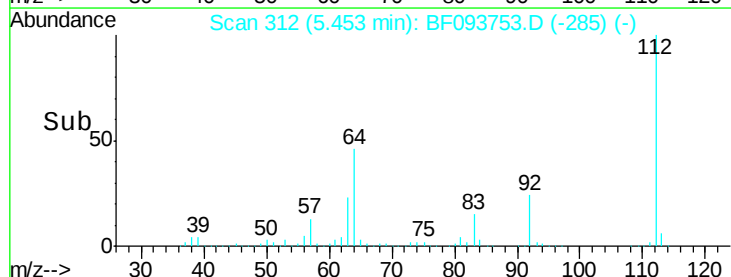


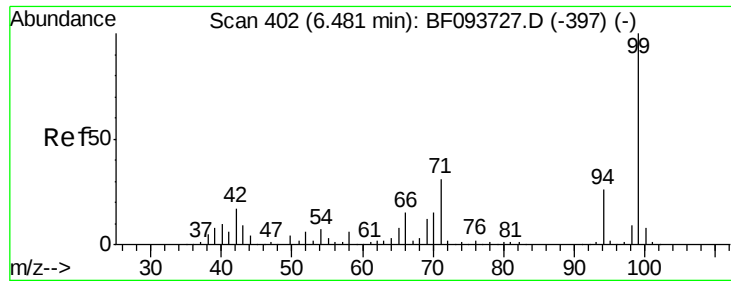
#5
 2-Fluorophenol
 Concen: 103.14 ng
 RT: 5.45 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF093753.D
 Acq: 18 Mar 2017 14:55

Tgt Ion:112 Resp: 1254991
 Ion Ratio Lower Upper
 112 100
 64 46.0 46.0 69.0
 63 22.8 23.4 35.0#



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: 103.19 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093753.D

Acq: 18 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

41B-9-11

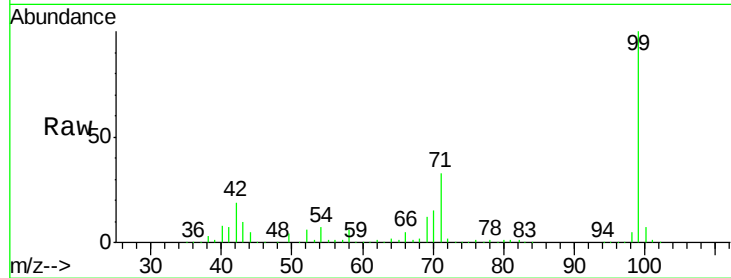
Tgt Ion: 99 Resp: 1556219

Ion Ratio Lower Upper

99 100

42 19.3 13.5 20.3

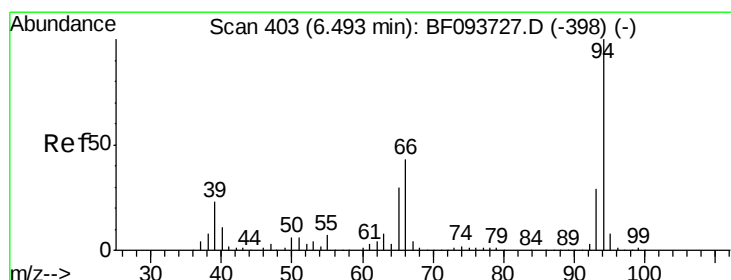
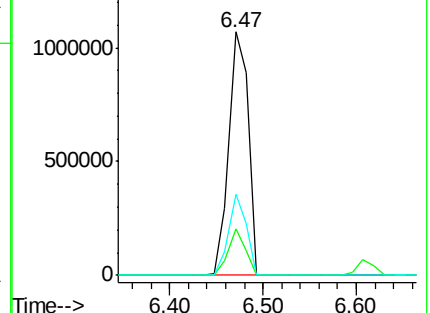
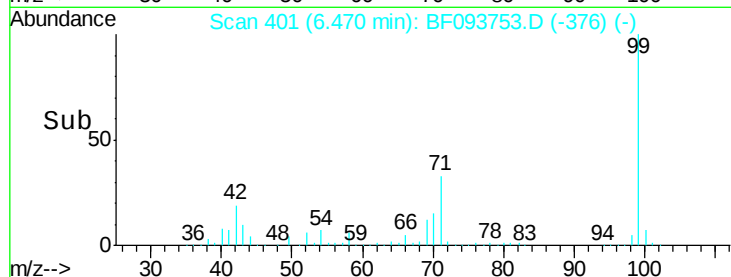
71 33.3 24.5 36.7



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



#10

Phenol

Concen: 4.37 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093753.D

Acq: 18 Mar 2017 14:55

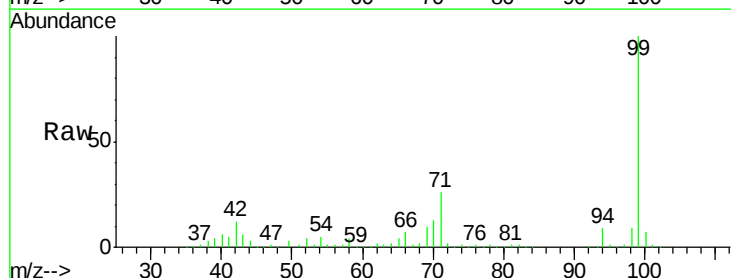
Tgt Ion: 94 Resp: 77028

Ion Ratio Lower Upper

94 100

65 40.5 9.9 49.9

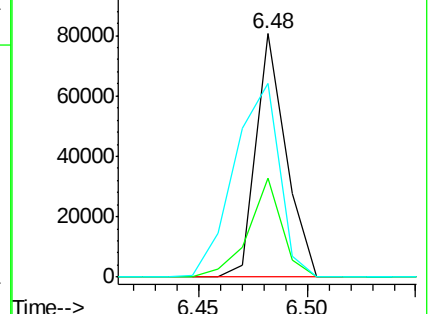
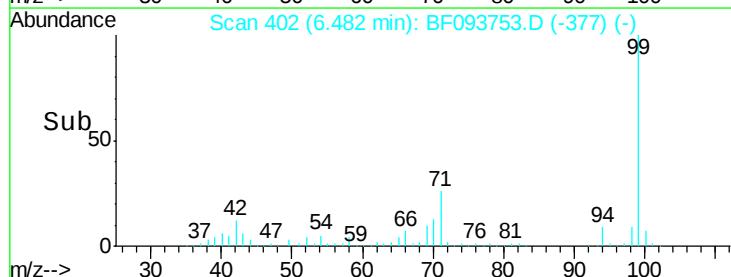
66 79.6 23.1 63.1#

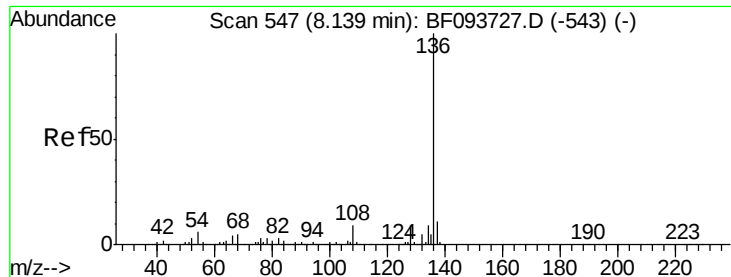


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

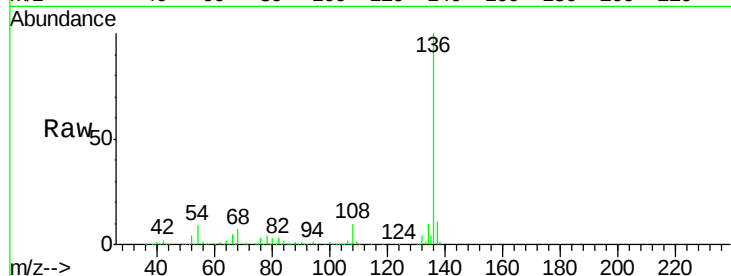




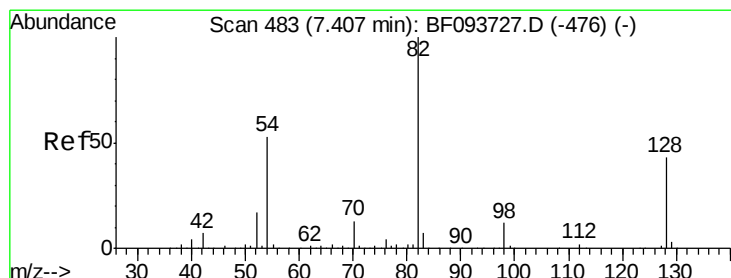
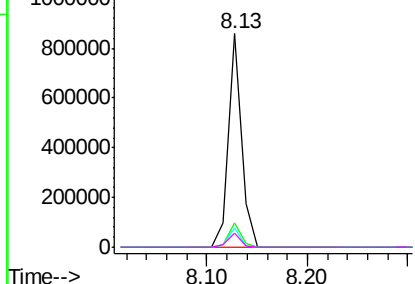
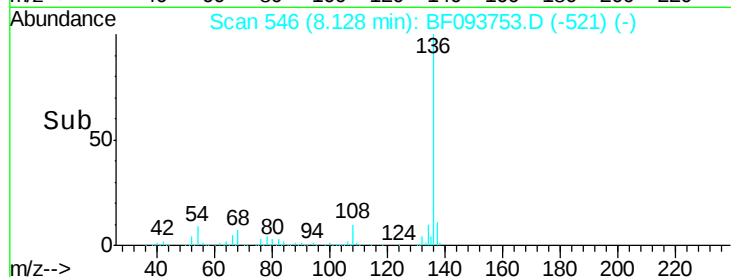
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093753.D
Acq: 18 Mar 2017 14:55

Instrument :
BNA_F
ClientSampleId :
41B-9-11

Tgt Ion:	136	Resp:	780263
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.7	4.9	7.3#
68	6.8	4.1	6.1#

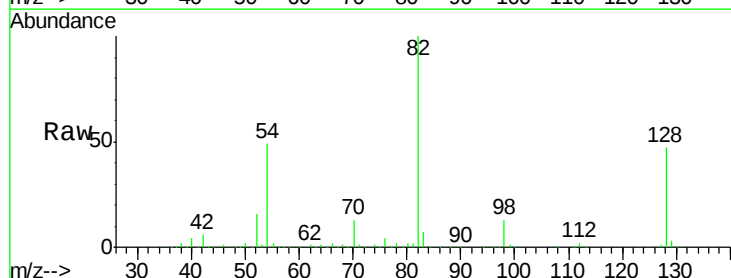


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

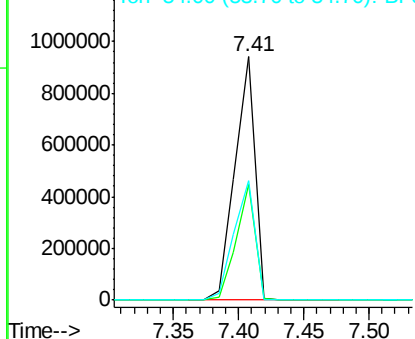
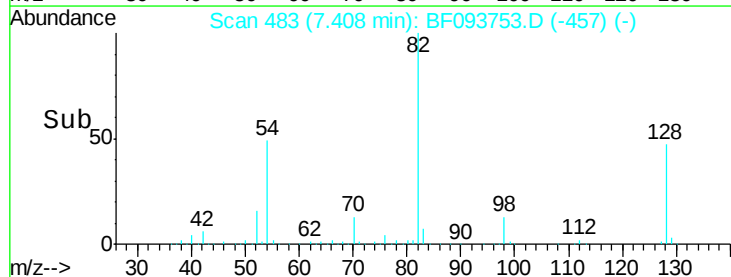


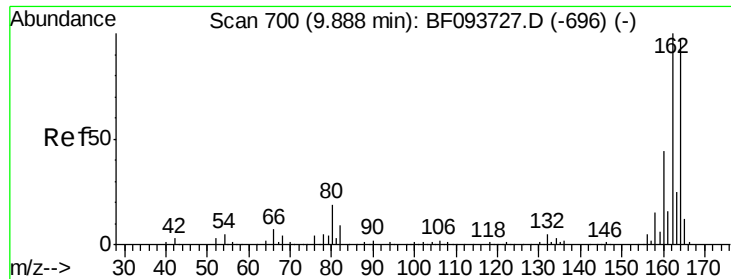
#23
Nitrobenzene-d5
Concen: 76.78 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF093753.D
Acq: 18 Mar 2017 14:55

Tgt Ion:	82	Resp:	998174
Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	49.0	42.2	63.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093753.D

Acq: 18 Mar 2017 14:55

Instrument :

BNA_F

ClientSampleId :

41B-9-11

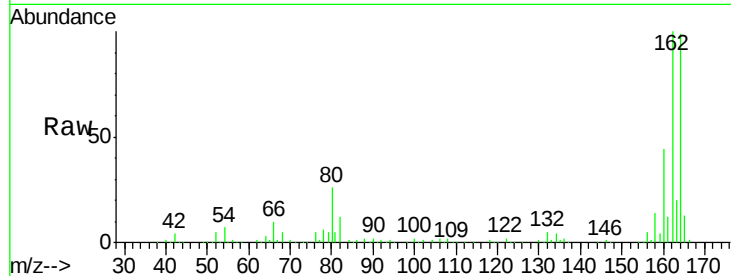
Tgt Ion:164 Resp: 364733

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

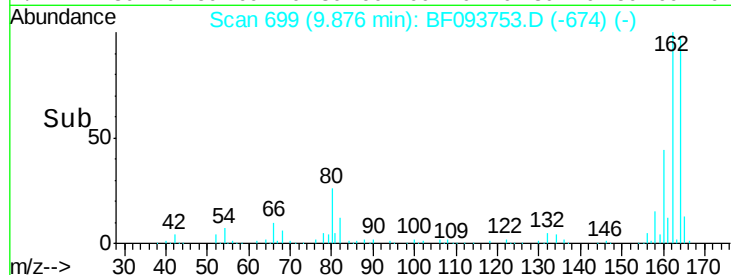
160 44.6 36.2 54.2



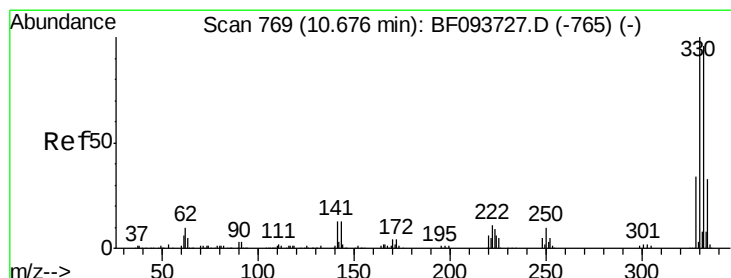
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 117.43 ng

RT: 10.67 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF093753.D

Acq: 18 Mar 2017 14:55

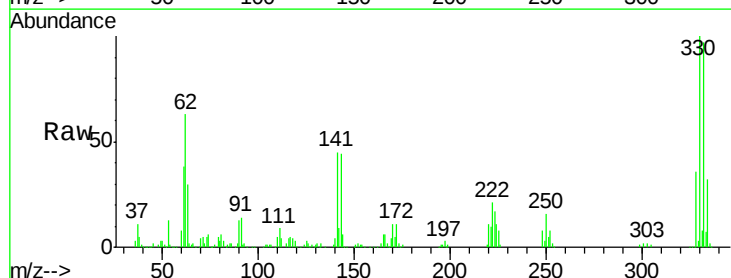
Tgt Ion:330 Resp: 280312

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

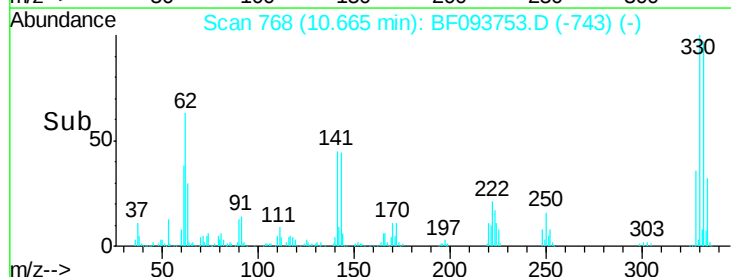
141 46.8 31.4 47.2



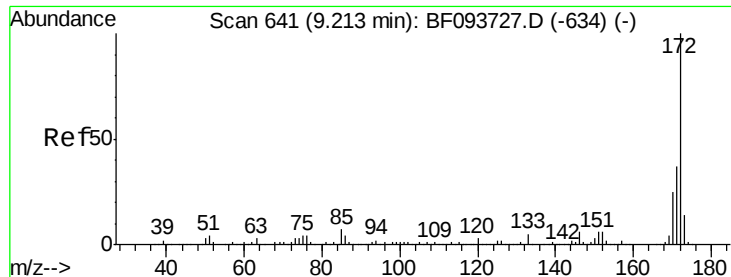
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



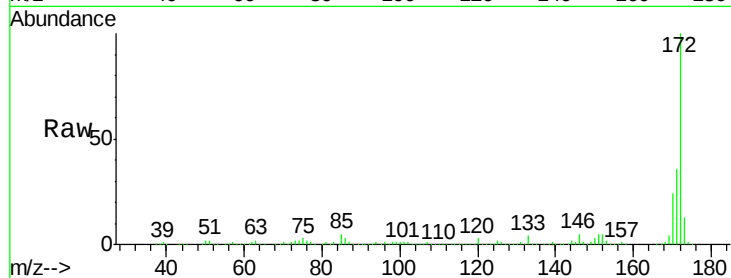
Time-->



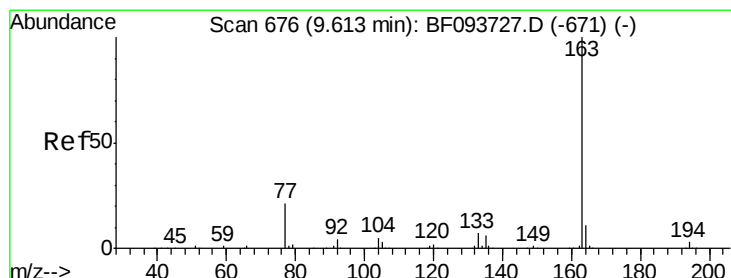
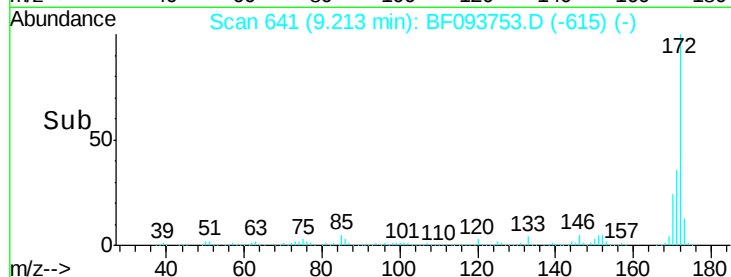
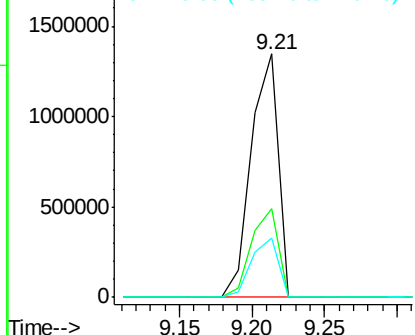
#44
 2-Fluorobiphenyl
 Concen: 89.64 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093753.D
 Acq: 18 Mar 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 41B-9-11

Tgt Ion:172 Resp: 1732616
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.1 19.8 29.8

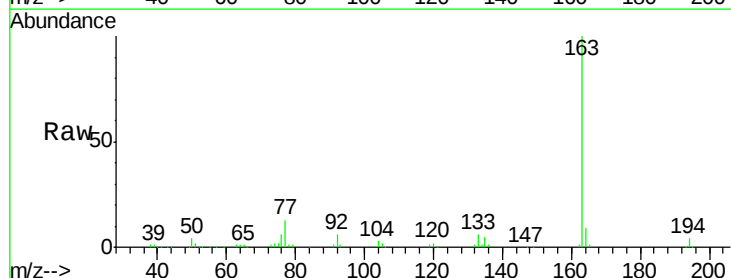


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

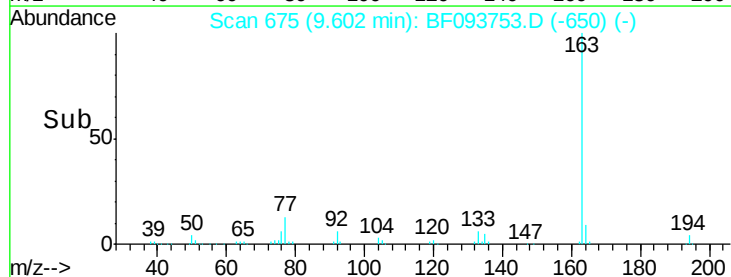
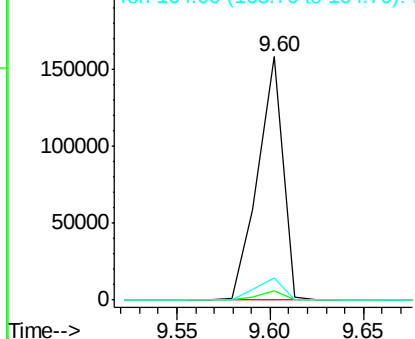


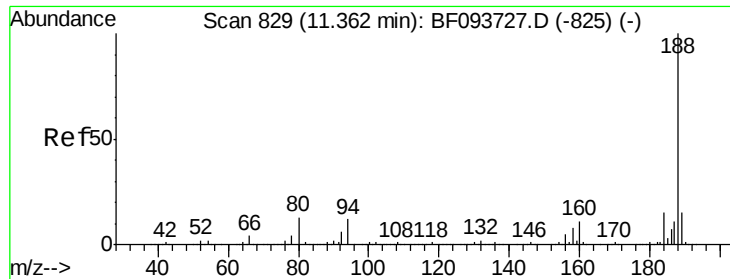
#49
 Dimethylphthalate
 Concen: 6.34 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF093753.D
 Acq: 18 Mar 2017 14:55

Tgt Ion:163 Resp: 150971
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

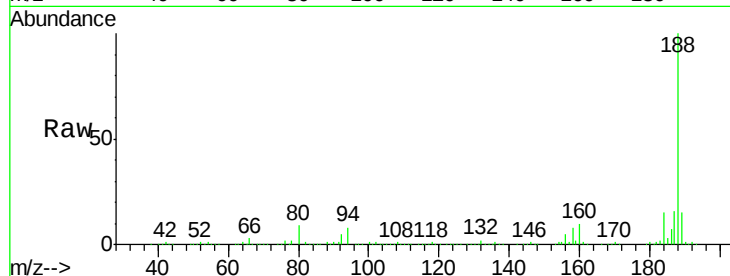




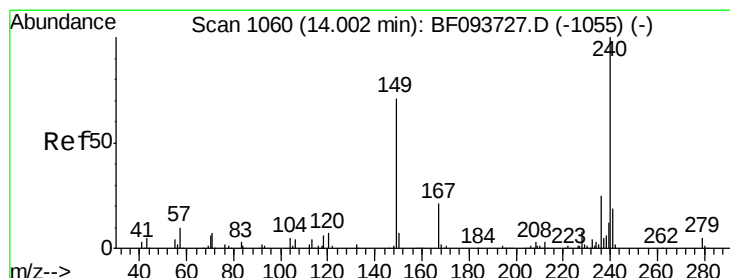
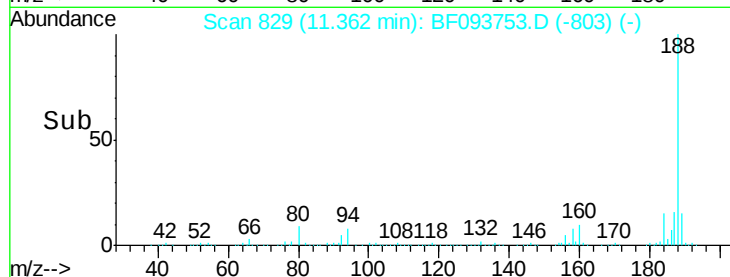
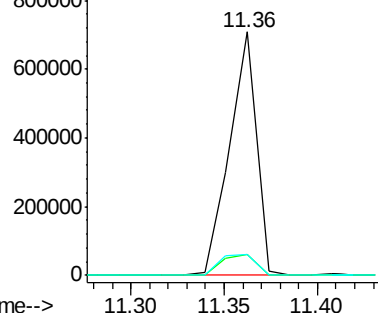
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093753.D
Acq: 18 Mar 2017 14:55

Instrument :
BNA_F
ClientSampleId :
41B-9-11

Tgt Ion:188 Resp: 704076
Ion Ratio Lower Upper
188 100
94 8.4 9.4 14.2#
80 8.6 10.2 15.2#

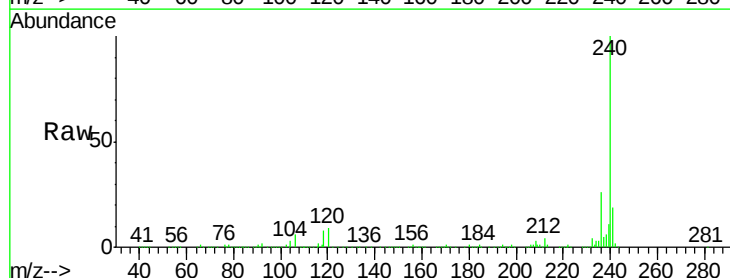


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

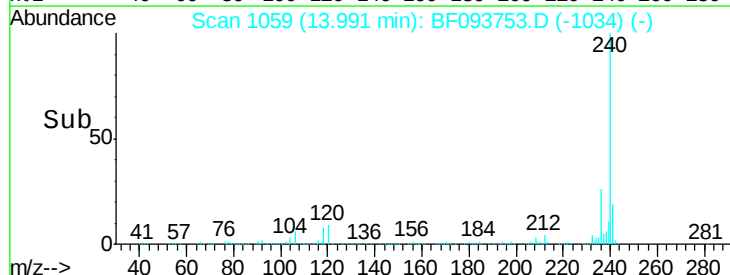
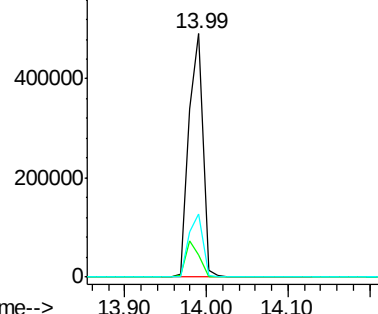


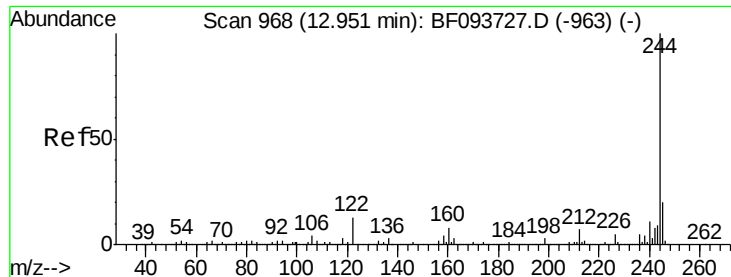
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093753.D
Acq: 18 Mar 2017 14:55

Tgt Ion:240 Resp: 592240
Ion Ratio Lower Upper
240 100
120 9.1 5.8 8.8#
236 25.9 20.5 30.7



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

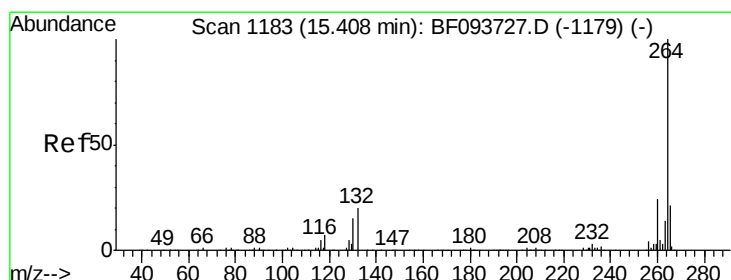
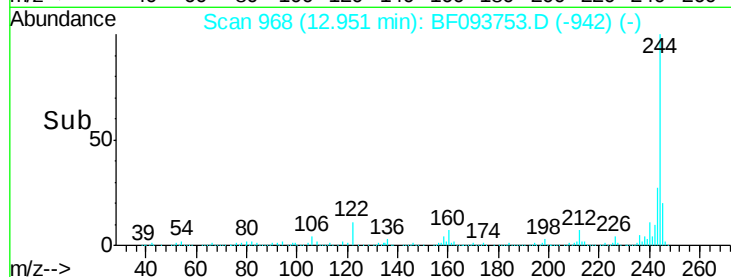
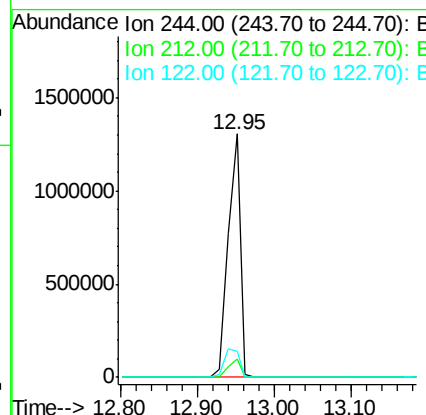
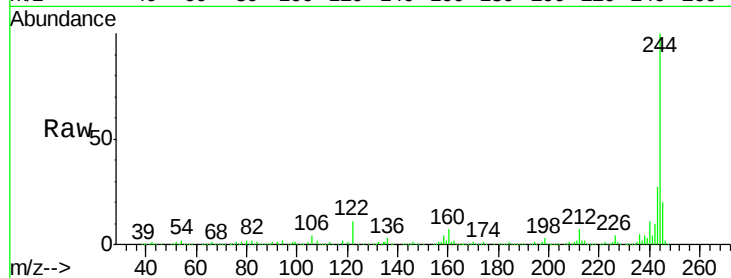




#78
 Terphenyl-d14
 Concen: 53.51 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093753.D
 Acq: 18 Mar 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 41B-9-11

Tgt Ion:244 Resp: 1472299
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF093753.D
 Acq: 18 Mar 2017 14:55

Tgt Ion:264 Resp: 446736
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.8 17.2 25.8

