

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109993.D
 Acq On : 19 Oct 2018 7:28
 Operator : JU/SJ
 Sample : J5543-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-B

Quant Time: Oct 19 11:34:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

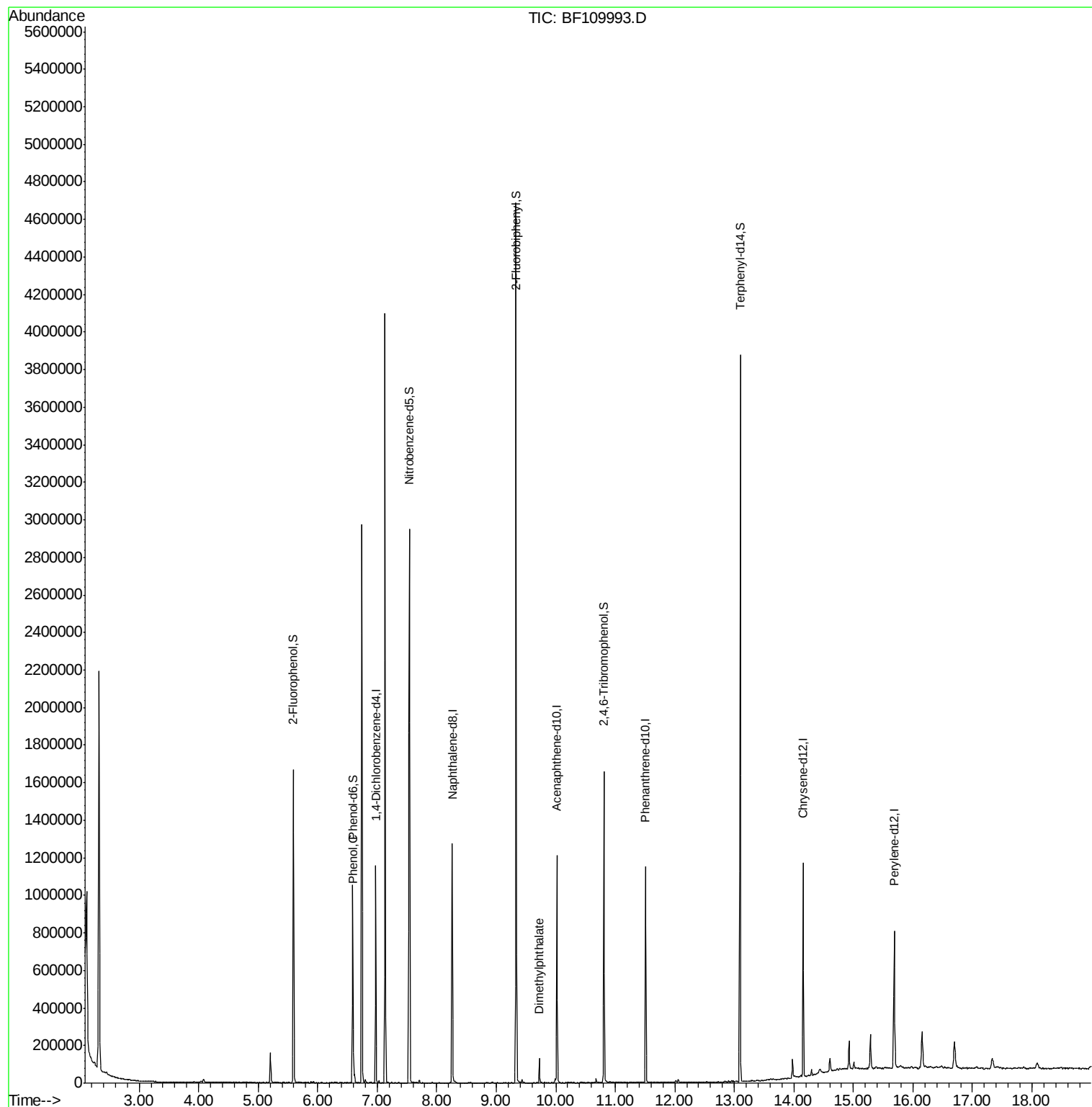
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166025	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	602626	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	226945	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	388503	20.00	ng	0.00
76) Chrysene-d12	14.16	240	357916	20.00	ng	0.00
87) Perylene-d12	15.69	264	255878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	432048	41.25	ng	0.00
7) Phenol-d6	6.59	99	314887	24.21	ng	-0.02
23) Nitrobenzene-d5	7.54	82	947489	105.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	186546	94.94	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1525254	107.24	ng	0.00
79) Terphenyl-d14	13.10	244	1249606	73.32	ng	0.00
Target Compounds						
10) Phenol	6.60	94	48541	3.457	ng	Qvalue # 62
50) Dimethylphthalate	9.73	163	54160	3.370	ng	98

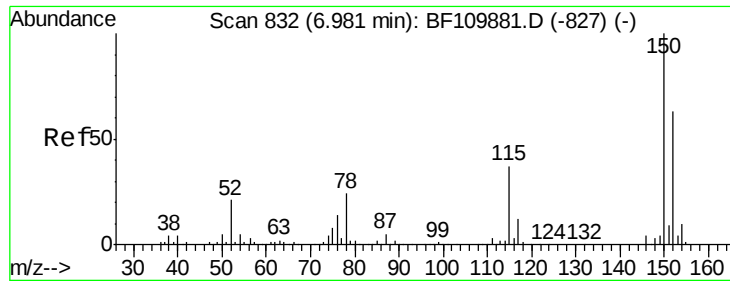
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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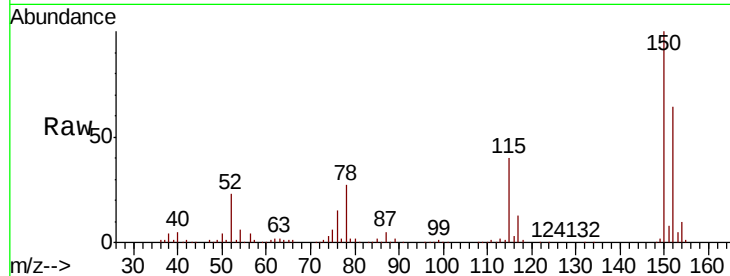


#1

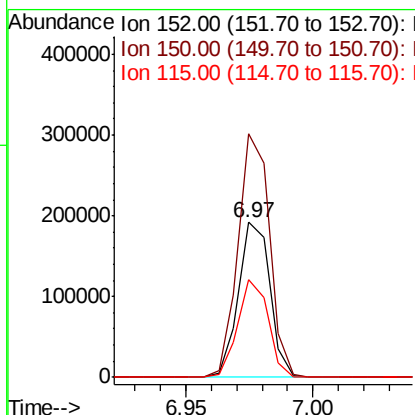
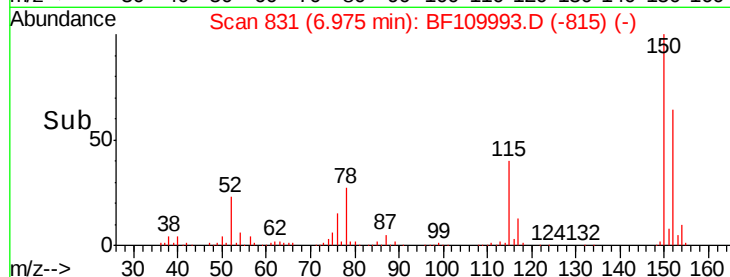
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109993.D
Acq: 19 Oct 2018 7:28

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-B

Tot Ion:152 Resp: 166025
Ion Ratio Lower Upper
152 100
150 157.4 122.7 184.1
115 62.8 49.1 73.7



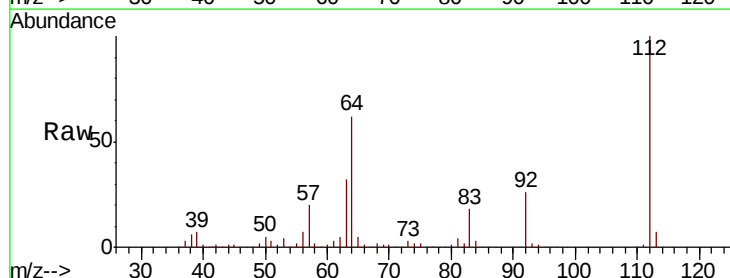
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



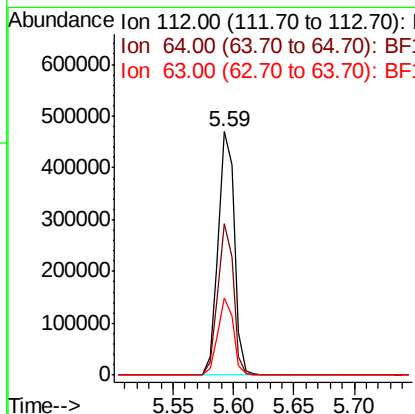
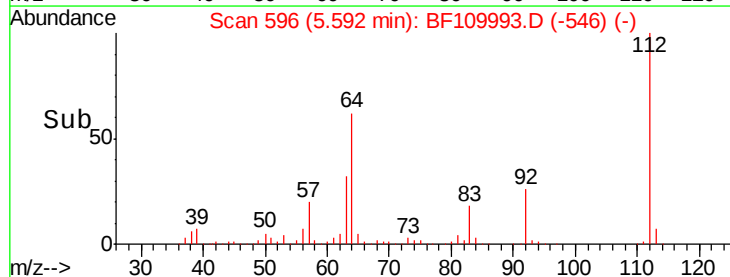
#5

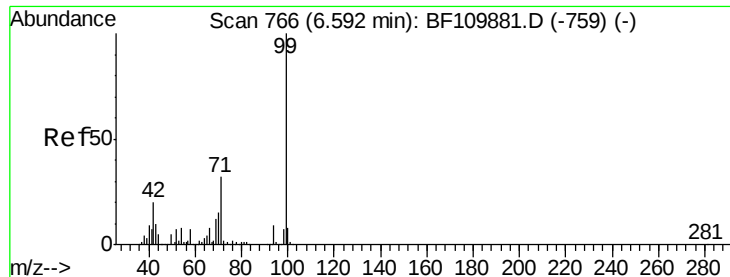
2-Fluorophenol
Concen: 41.250 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109993.D
Acq: 19 Oct 2018 7:28

Tgt Ion:112 Resp: 432048
Ion Ratio Lower Upper
112 100
64 62.1 44.1 66.1
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.211 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-B

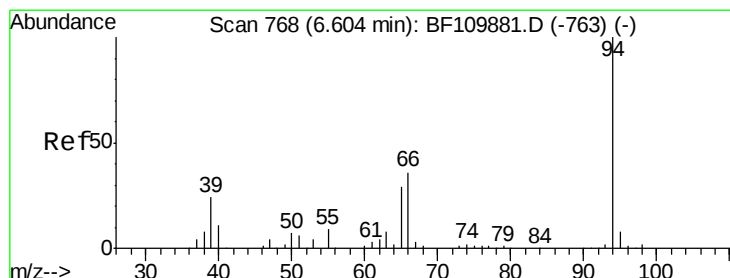
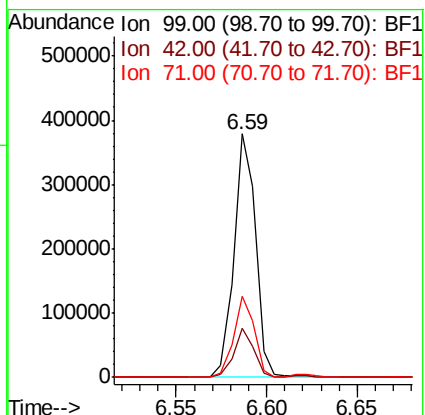
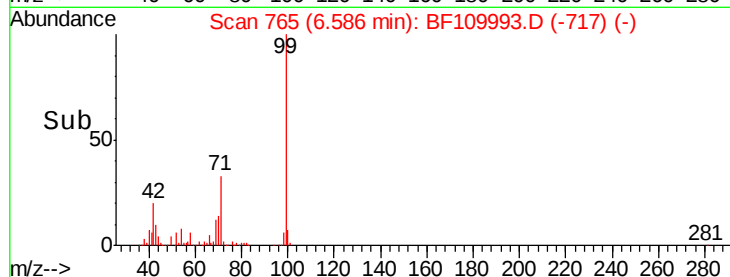
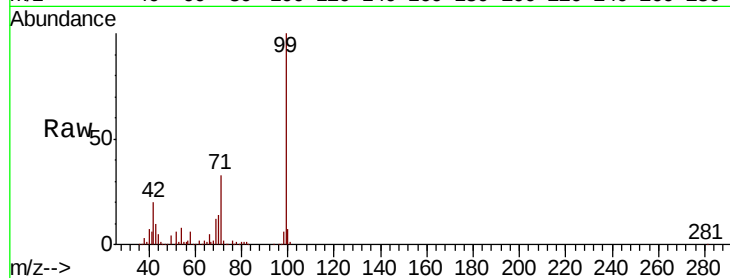
Tot Ion: 99 Resp: 314887

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

71 33.1 28.0 42.0



#10

Phenol

Concen: 3.457 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

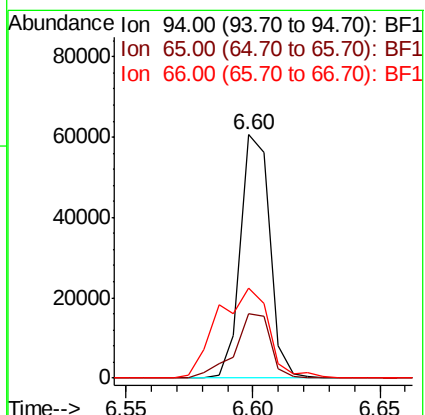
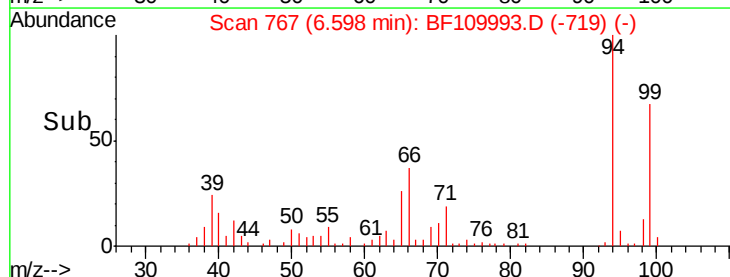
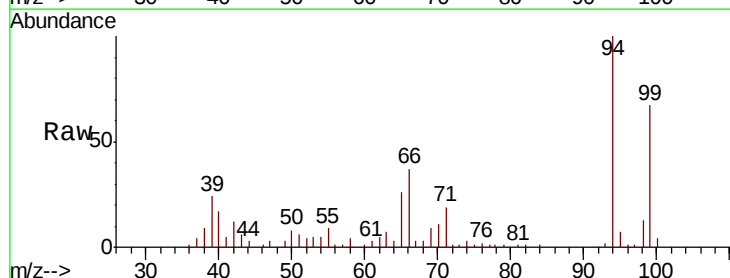
Tgt Ion: 94 Resp: 48541

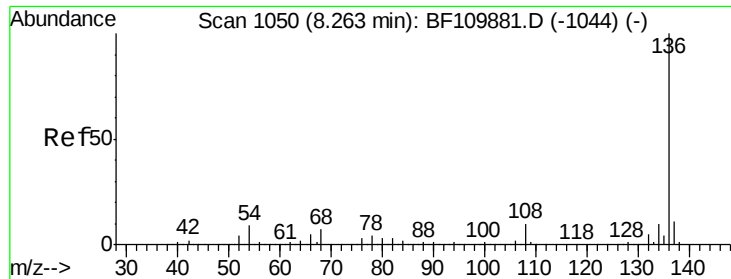
Ion Ratio Lower Upper

94 100

65 26.4 25.3 65.3

66 37.2 54.5 94.5#

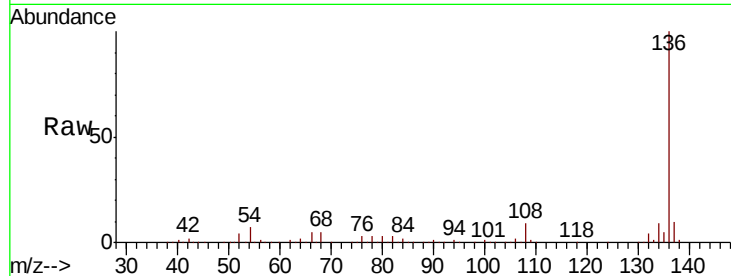




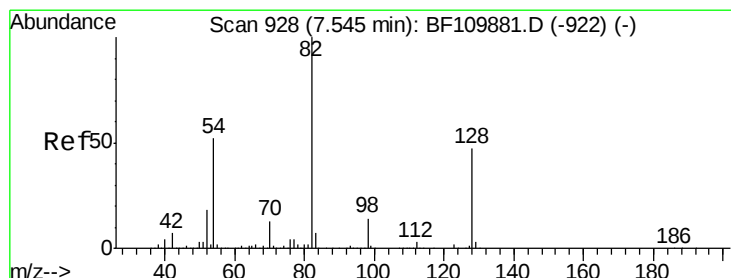
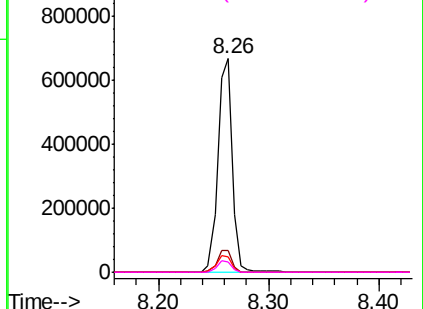
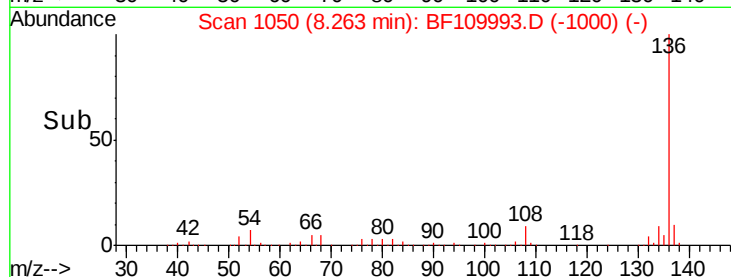
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109993.D
Acq: 19 Oct 2018 7:28

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-B

Tot Ion:136	Resp:	602626
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.8 13.2
54	6.9	5.4 8.2
68	5.0	4.2 6.2

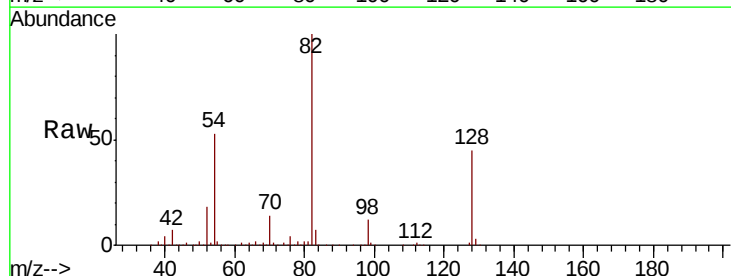


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

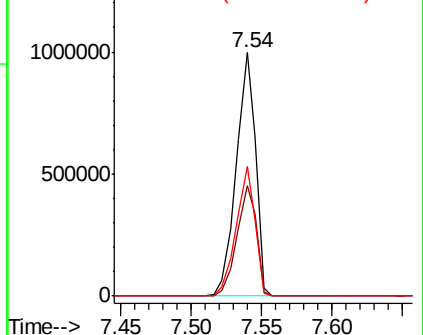
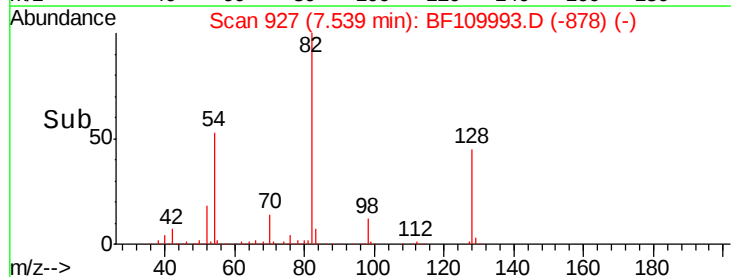


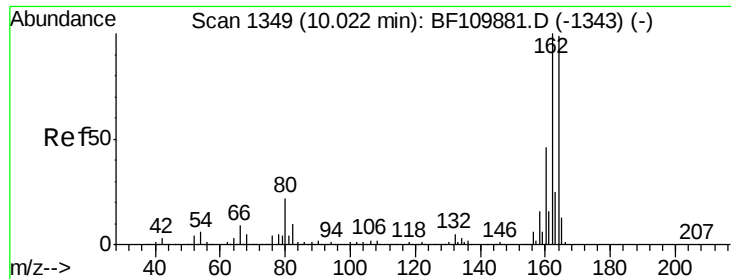
#23
Nitrobenzene-d5
Concen: 105.914 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109993.D
Acq: 19 Oct 2018 7:28

Tgt Ion: 82	Resp:	947489
Ion Ratio	Lower	Upper
82	100	
128	45.2	34.2 51.2
54	53.5	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

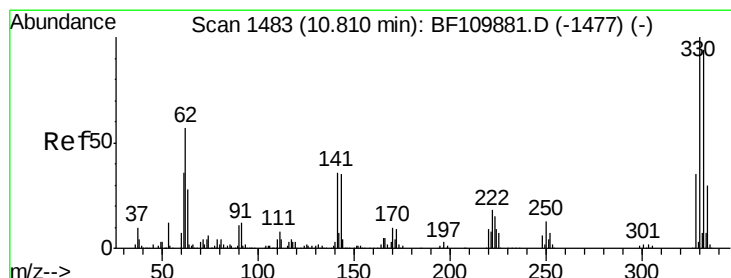
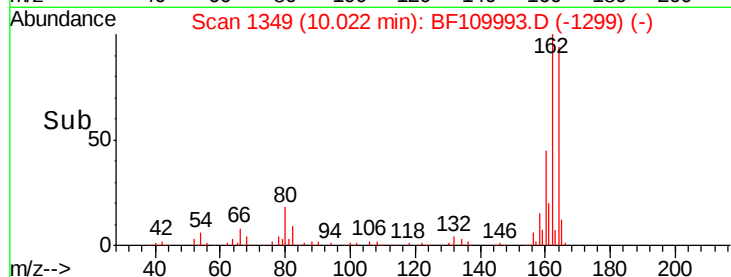
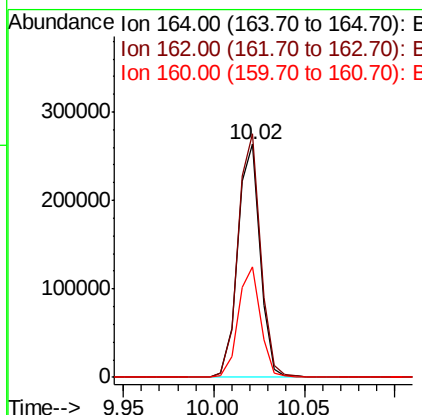
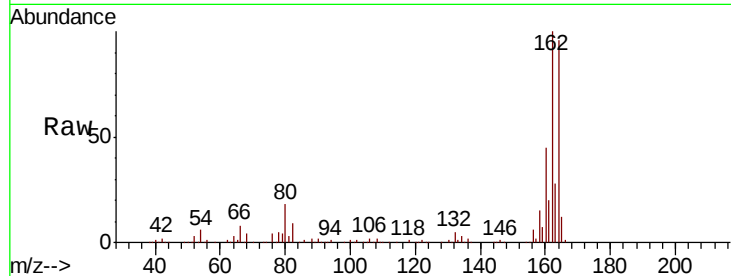




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

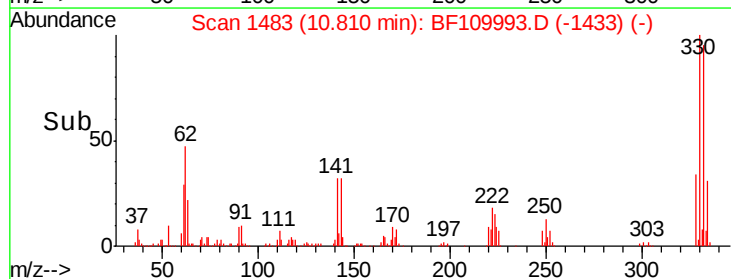
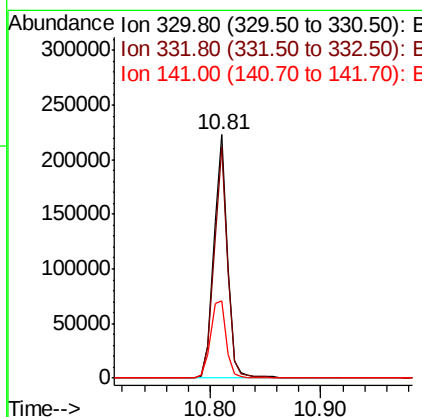
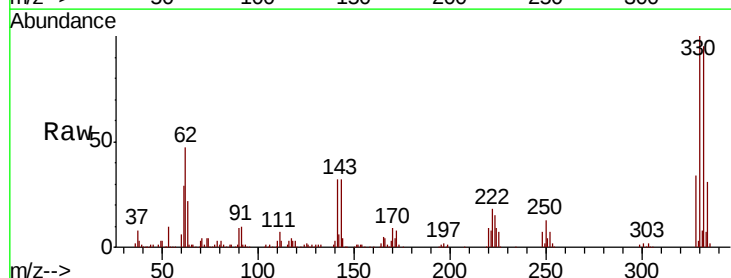
Instrument :
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 ClientSampleId :
 101618-DBRI-E-D-B

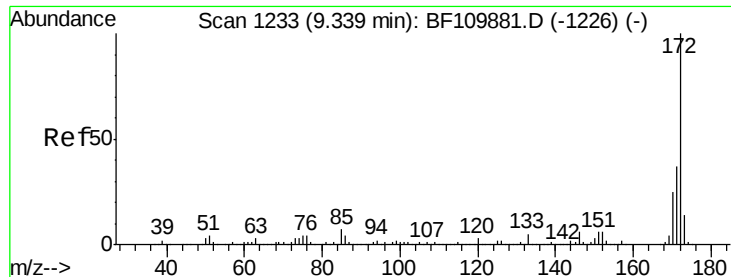
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	47.3	37.0	55.6



#42
 2,4,6-Tribromophenol
 Concen: 94.943 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	36.0	27.0	40.4



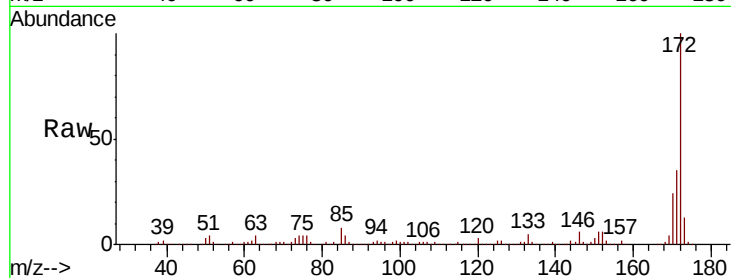


#45
 2-Fluorobiphenyl
 Concen: 107.241 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

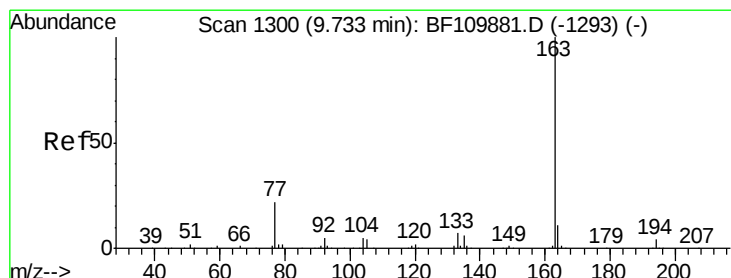
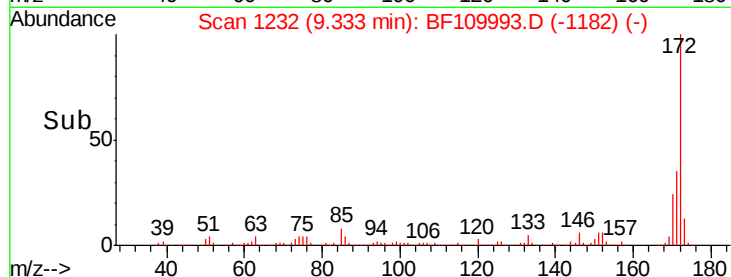
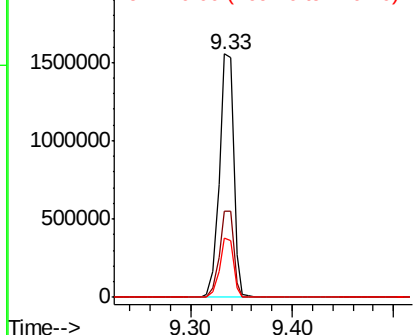
Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-B

Tot Ion:172 Resp: 1525254

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	24.1	19.7	29.5



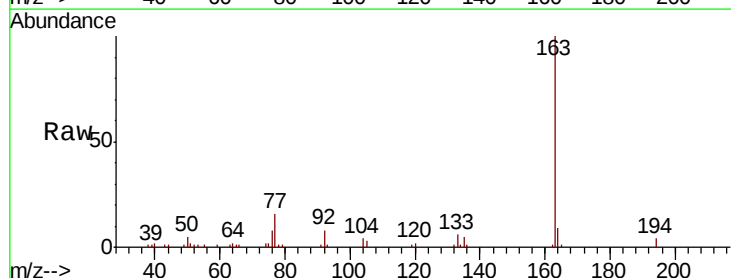
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



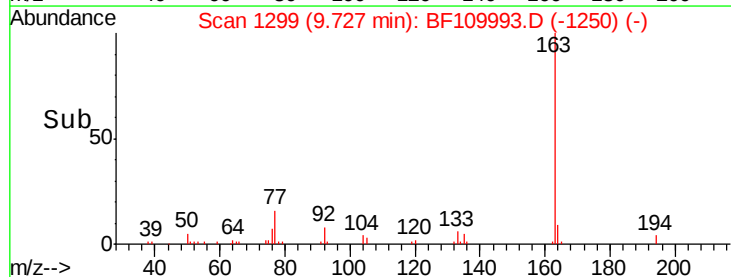
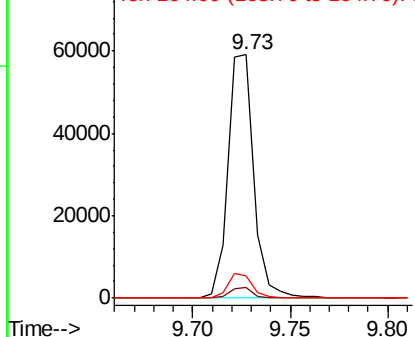
#50
 Dimethylphthalate
 Concen: 3.370 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

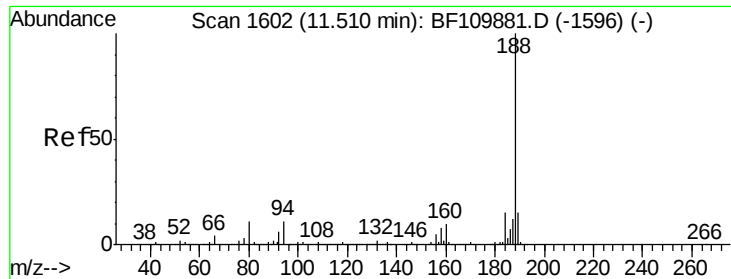
Tgt Ion:163 Resp: 54160

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.0	8.1	12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-B

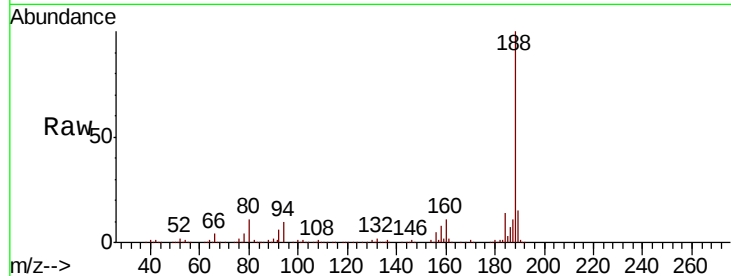
Tot Ion:188 Resp: 388503

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

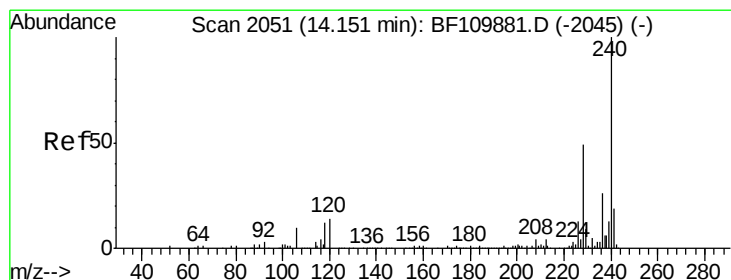
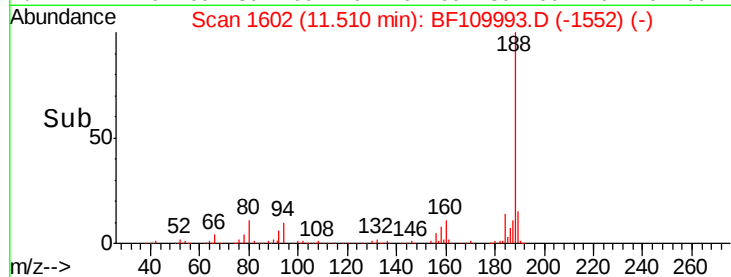
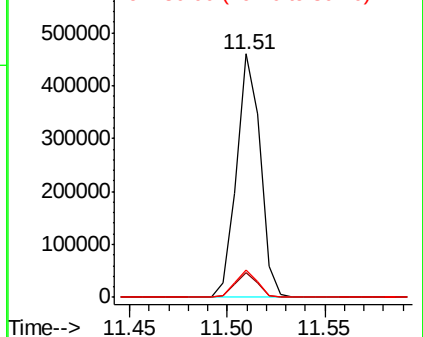
80 11.0 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109993.D

Acq: 19 Oct 2018 7:28

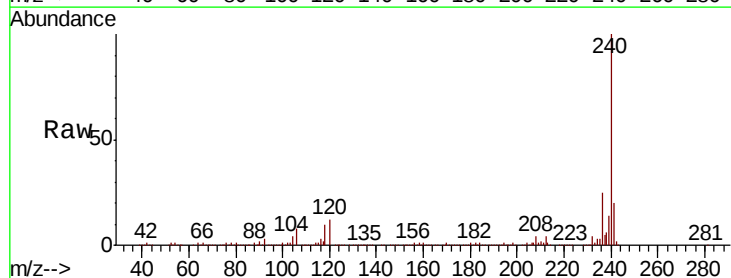
Tgt Ion:240 Resp: 357916

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

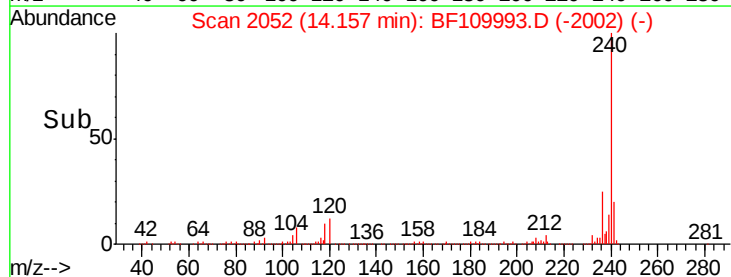
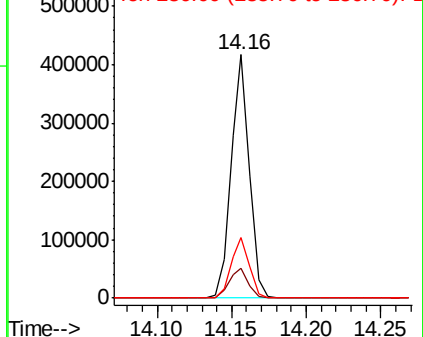
236 25.0 21.2 31.8

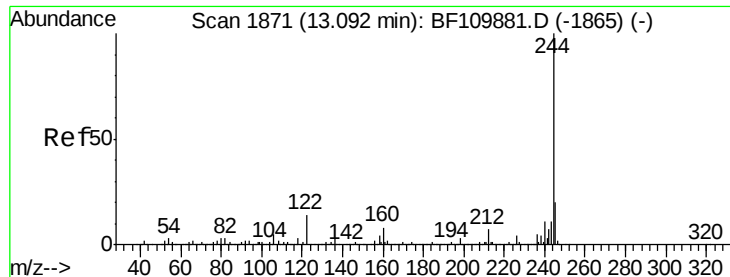


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

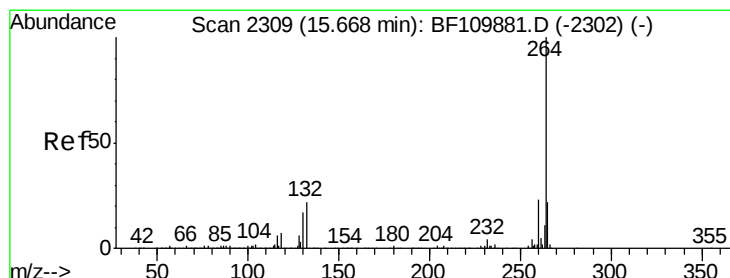
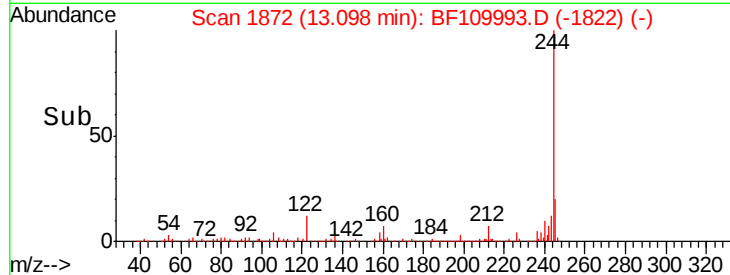
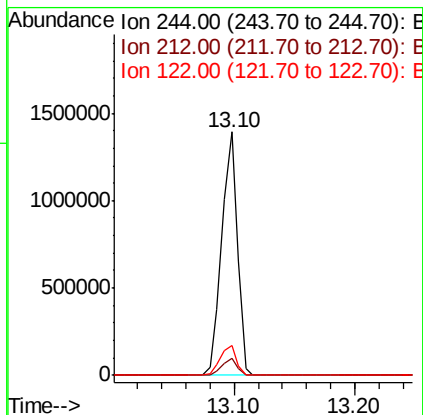
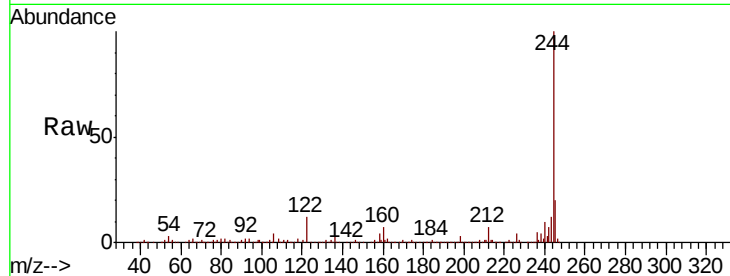




#79
 Terphenyl-d14
 Concen: 73.316 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-B

Tot Ion:244 Resp: 1249606
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.4 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF109993.D
 Acq: 19 Oct 2018 7:28

Tgt Ion:264 Resp: 255878
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 21.4 16.7 25.1

