

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082627.D
 Acq On : 31 Oct 2015 18:00
 Operator : UM/IZ
 Sample : G4180-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Nov 02 04:56:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

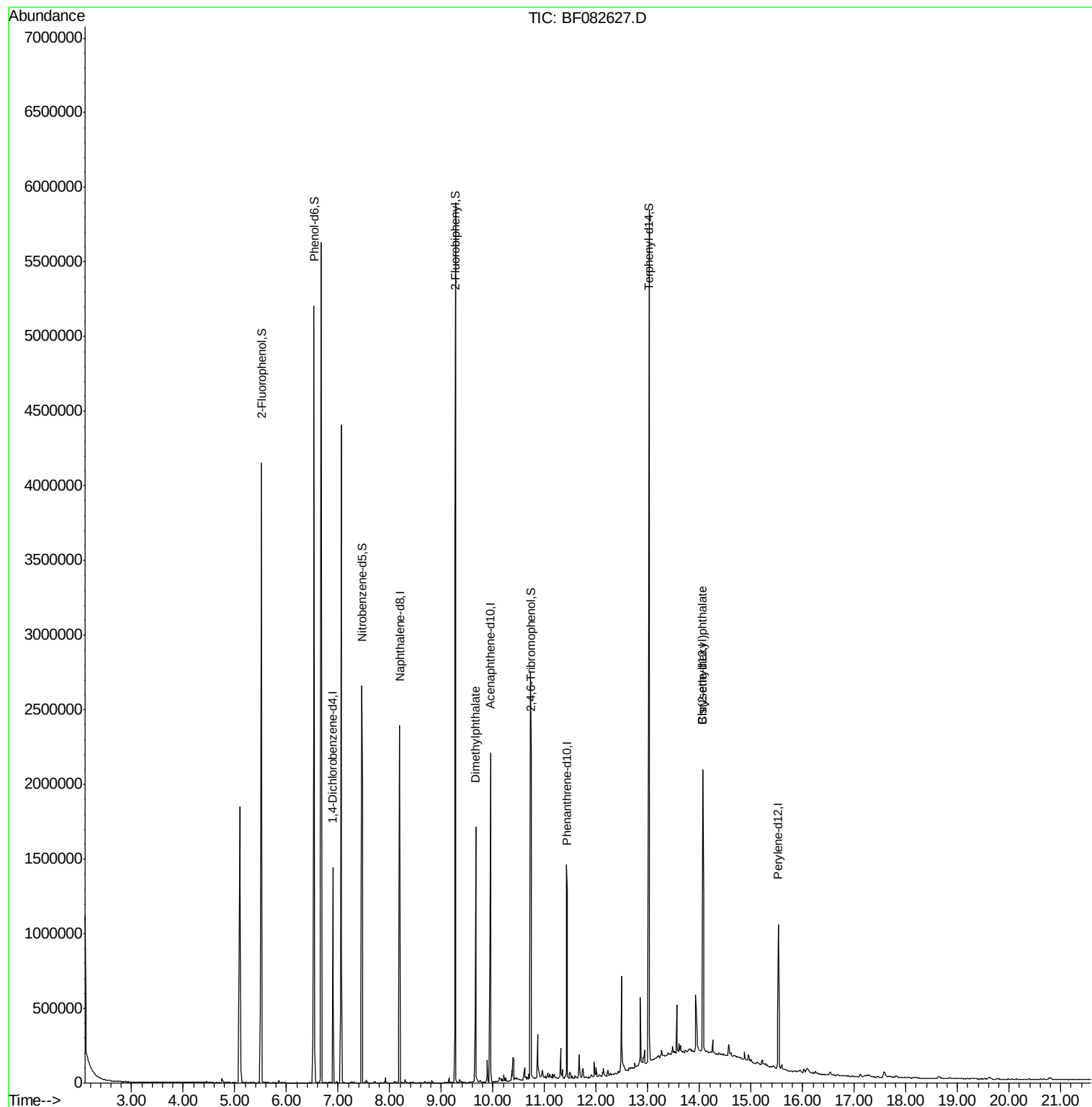
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	218341	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	915338	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	453571	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	738073	20.00	ng	0.00
75) Chrysene-d12	14.07	240	486150	20.00	ng	-0.01
86) Perylene-d12	15.53	264	461354	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1379649	95.17	ng	0.01
7) Phenol-d6	6.53	99	1750185	90.88	ng	0.00
23) Nitrobenzene-d5	7.46	82	1235047	55.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	437969	88.23	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2163338	67.72	ng	0.00
78) Terphenyl-d14	13.02	244	1730203	77.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	625005	16.87	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	14.07	149	224374	10.98	ng	# 96

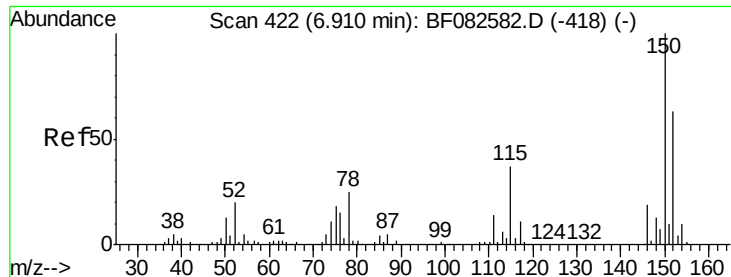
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

S2

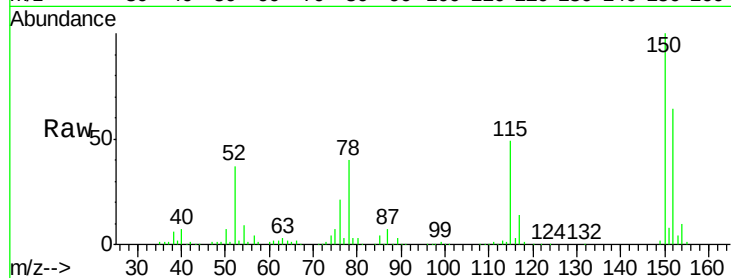
Tgt Ion:152 Resp: 218341

Ion Ratio Lower Upper

152 100

150 157.4 127.0 190.4

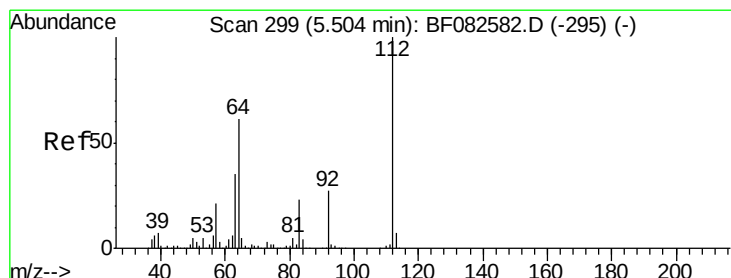
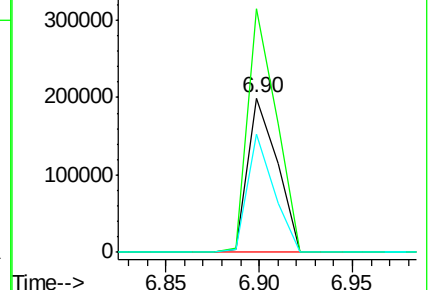
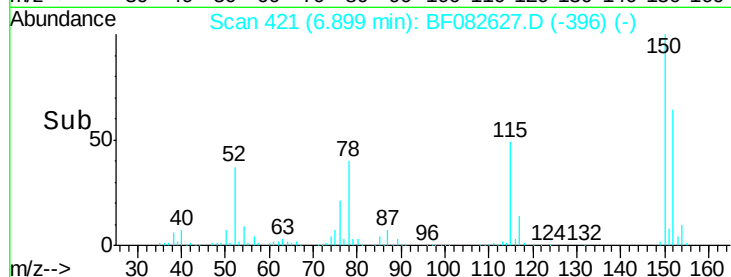
115 76.7 47.0 70.6#



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: 95.17 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

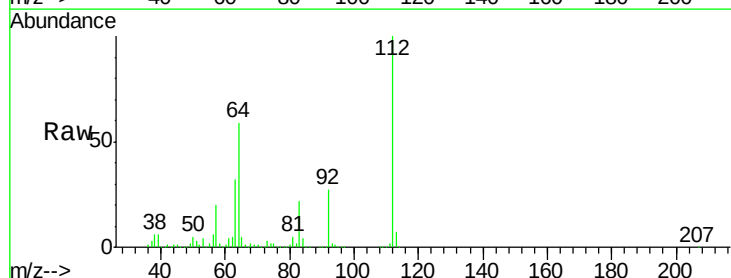
Tgt Ion:112 Resp: 1379649

Ion Ratio Lower Upper

112 100

64 59.4 48.9 73.3

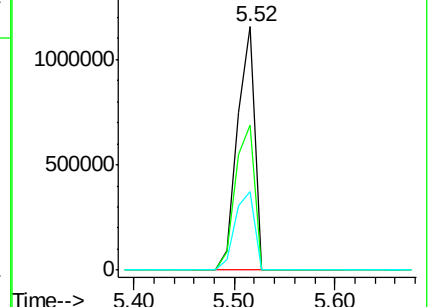
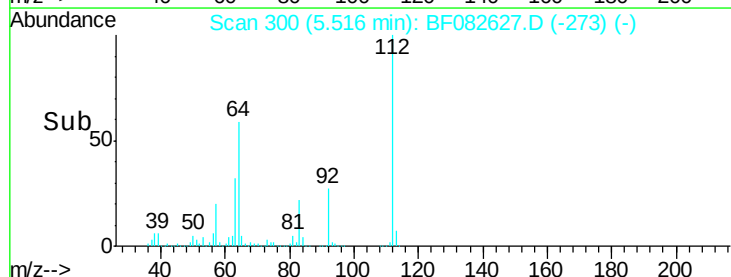
63 32.4 28.1 42.1

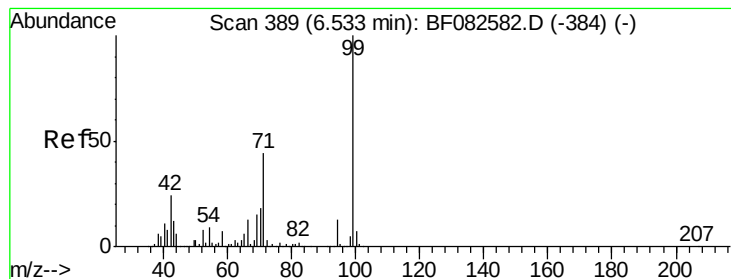


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.88 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

S2

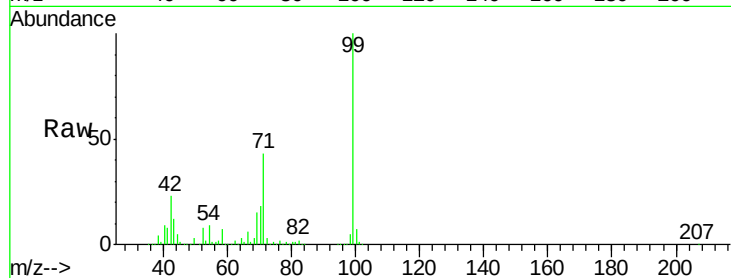
Tgt Ion: 99 Resp: 1750185

Ion Ratio Lower Upper

99 100

42 22.8 19.2 28.8

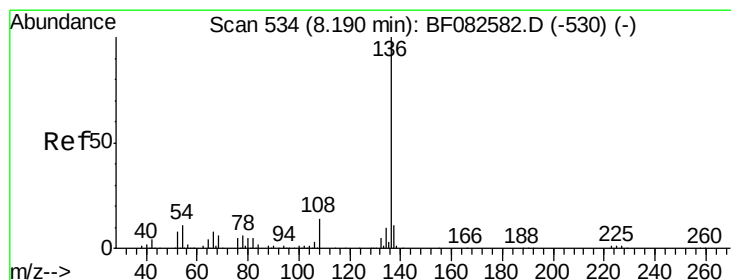
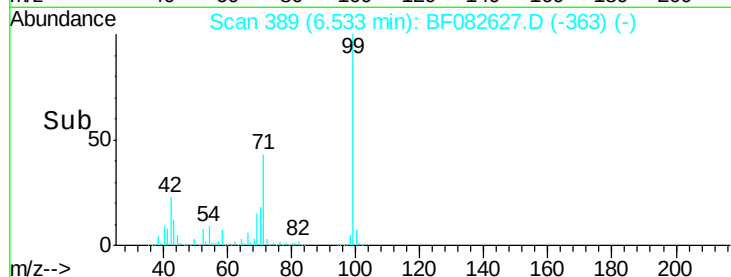
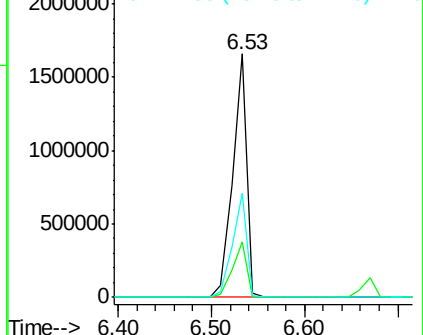
71 42.8 35.0 52.4



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: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Tgt Ion: 136 Resp: 915338

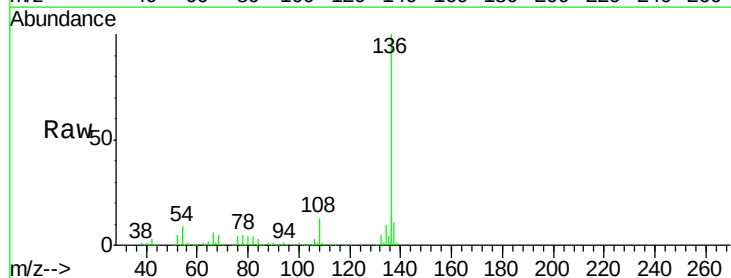
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.7 9.1 13.7#

68 5.1 4.8 7.2

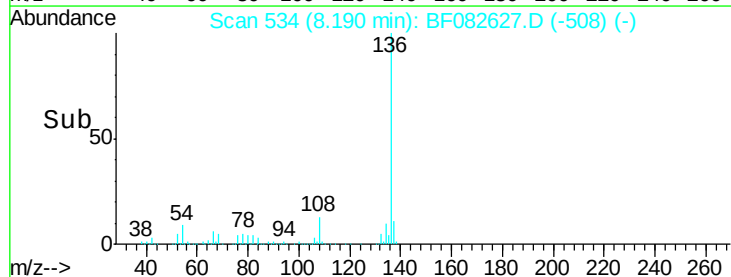
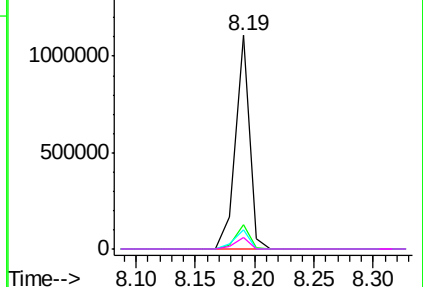


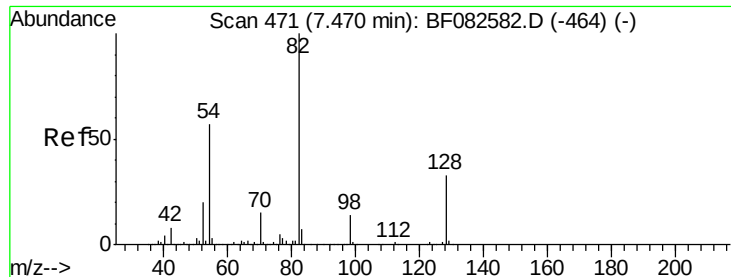
Abundance Ion 136.00 (135.70 to 136.70): E

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

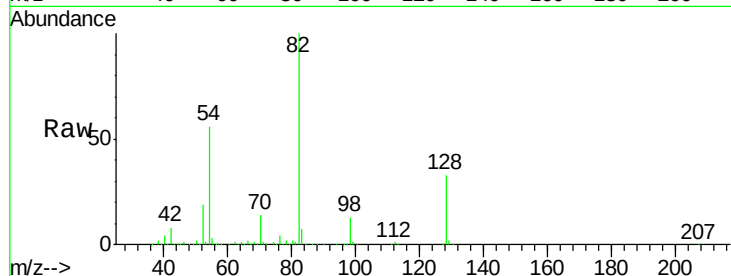




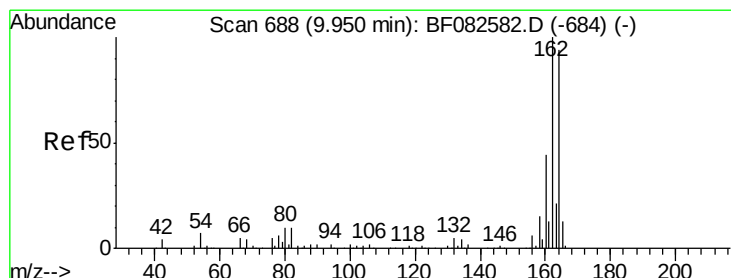
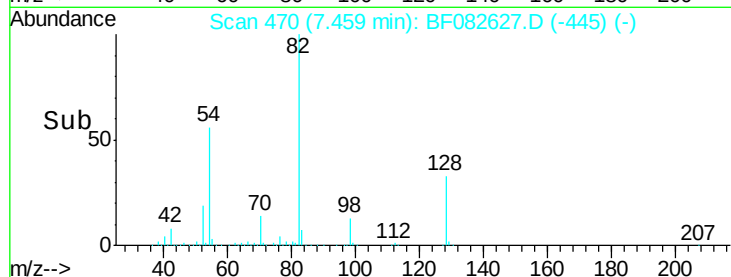
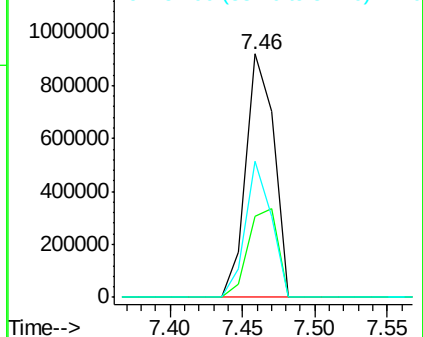
#23
Nitrobenzene-d5
Concen: 55.10 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF082627.D
Acq: 31 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 82 Resp: 1235047
Ion Ratio Lower Upper
82 100
128 33.2 26.8 40.2
54 56.0 45.7 68.5

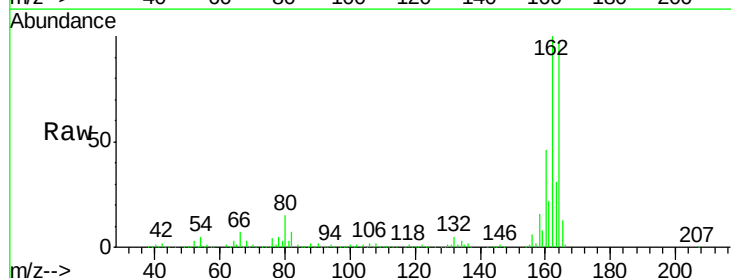


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

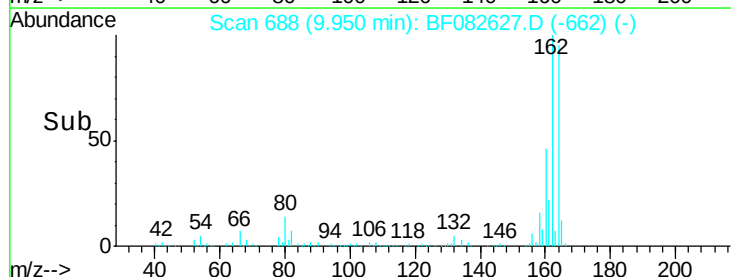
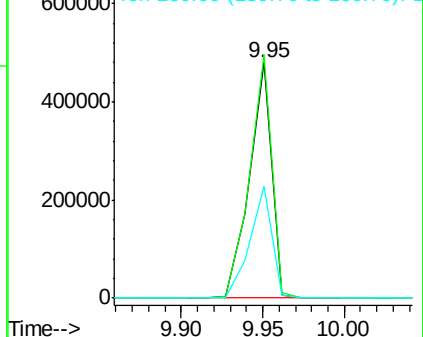


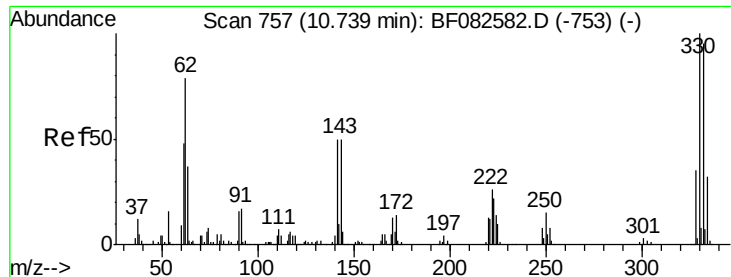
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082627.D
Acq: 31 Oct 2015 18:00

Tgt Ion: 164 Resp: 453571
Ion Ratio Lower Upper
164 100
162 103.2 84.9 127.3
160 47.3 37.5 56.3



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

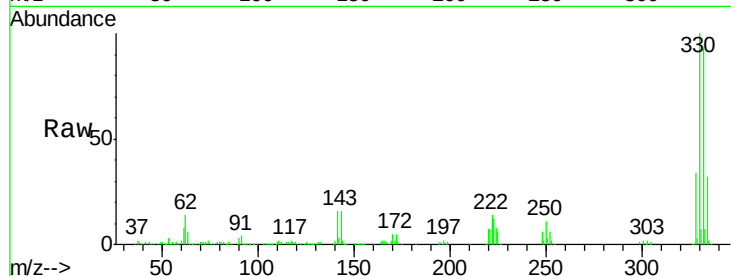




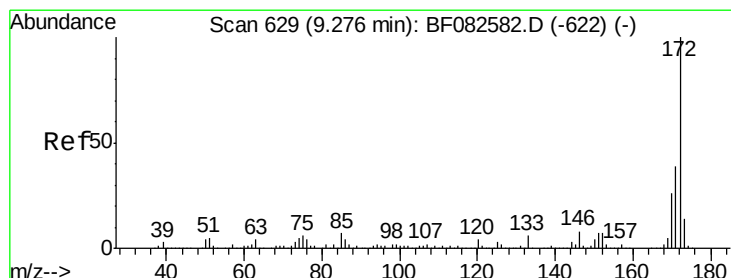
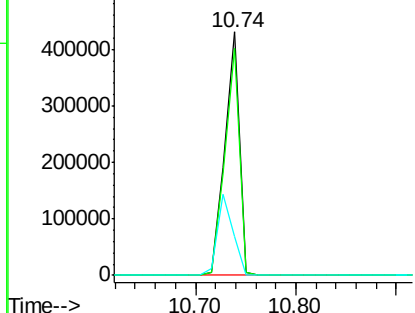
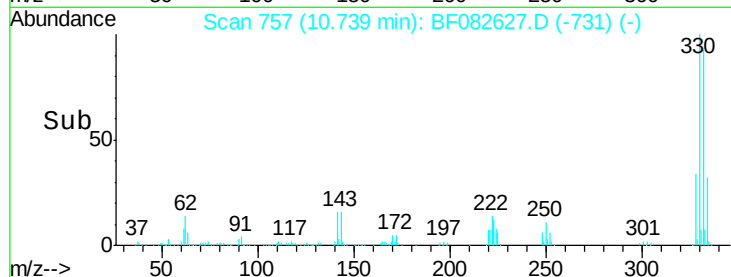
#41
 2,4,6-Tribromophenol
 Concen: 88.23 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tgt Ion:330 Resp: 437969
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 114.8
 141 35.4 41.2 61.8#

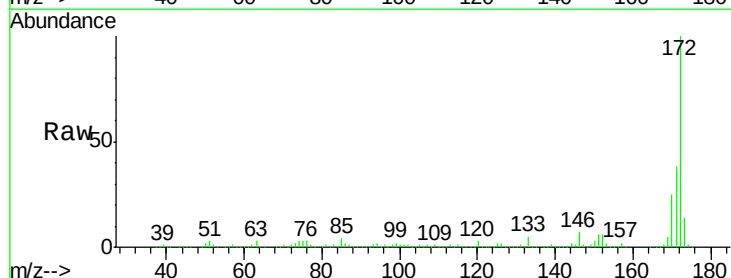


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

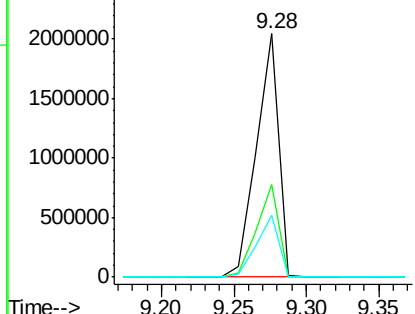
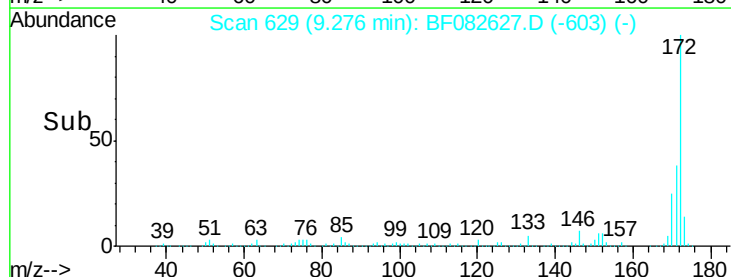


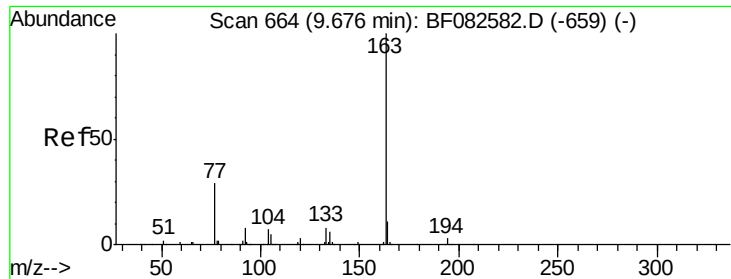
#44
 2-Fluorobiphenyl
 Concen: 67.72 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Tgt Ion:172 Resp: 2163338
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 25.2 21.2 31.8



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

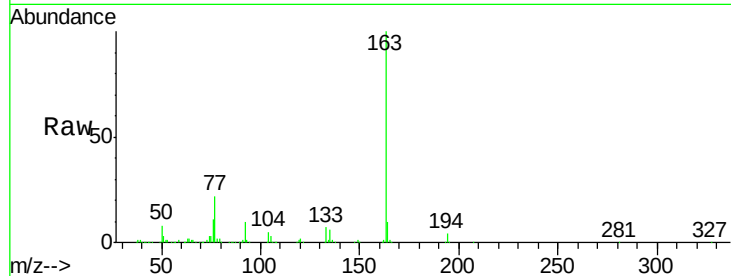




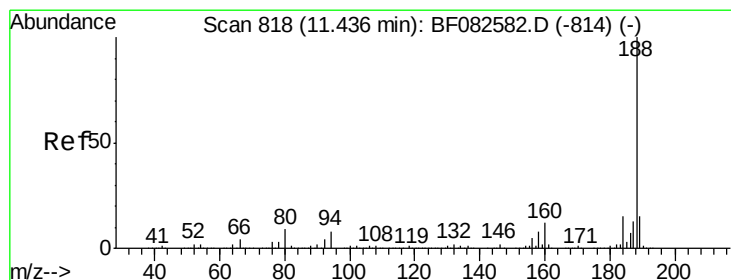
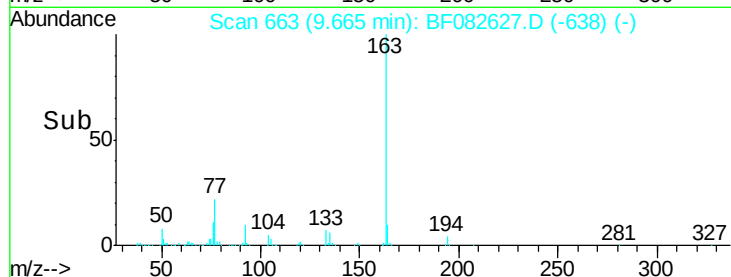
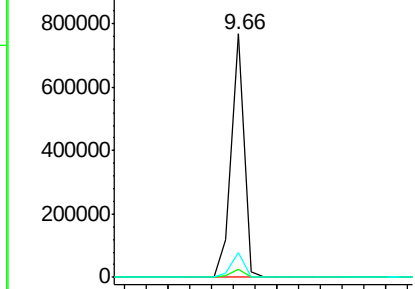
#49
Dimethylphthalate
Concen: 16.87 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082627.D
Acq: 31 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.7	13.1

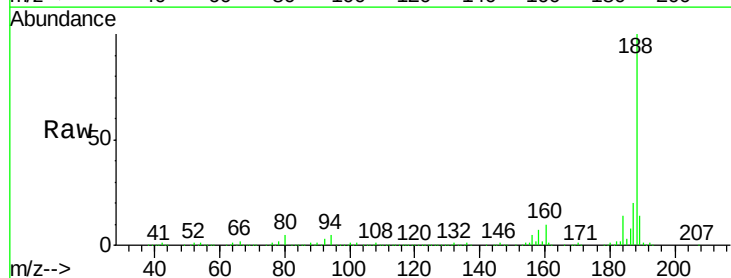


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

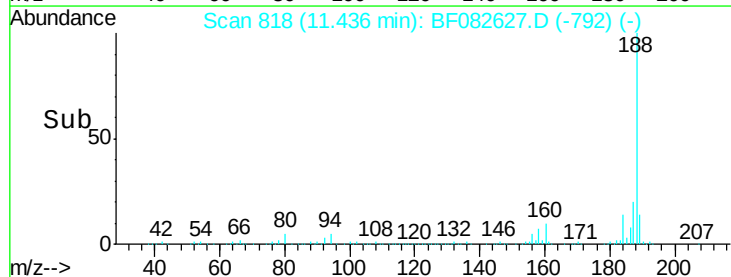
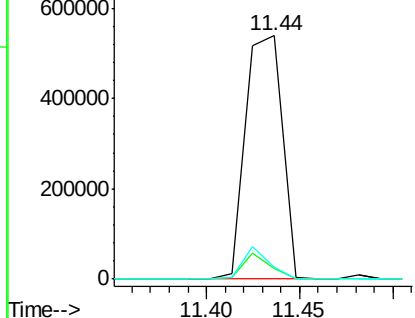


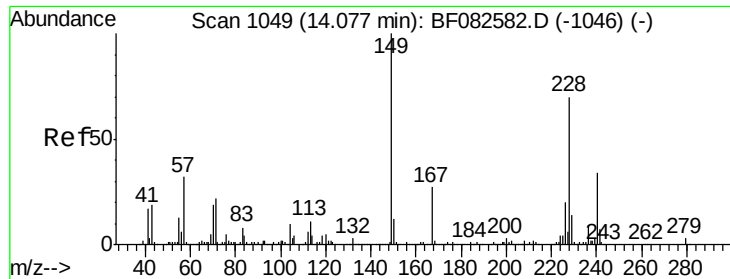
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF082627.D
Acq: 31 Oct 2015 18:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.1	9.1#
80	4.9	7.0	10.6#



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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

S2

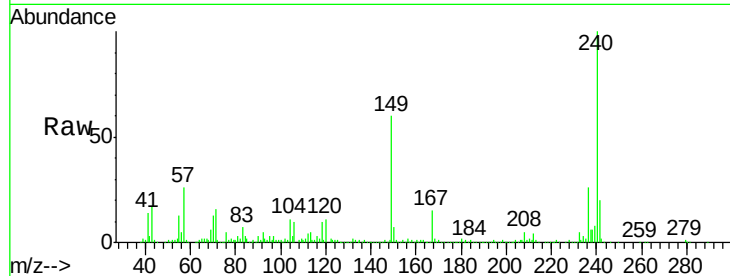
Tgt Ion:240 Resp: 486150

Ion Ratio Lower Upper

240 100

120 11.5 10.9 16.3

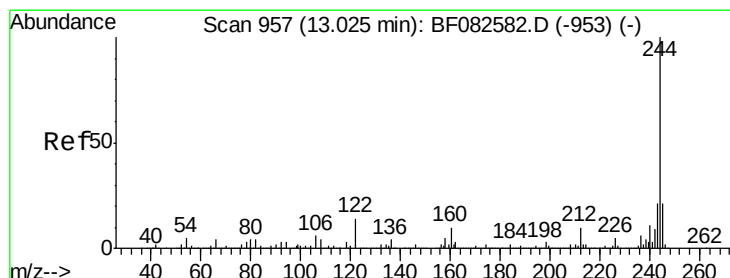
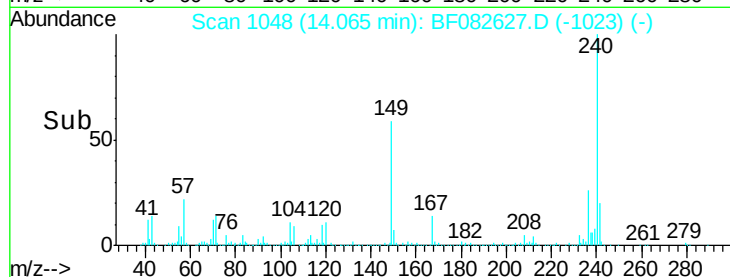
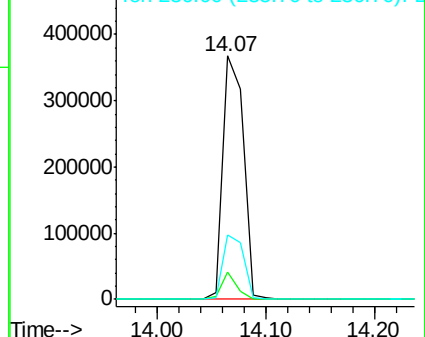
236 26.3 21.6 32.4



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: 77.89 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

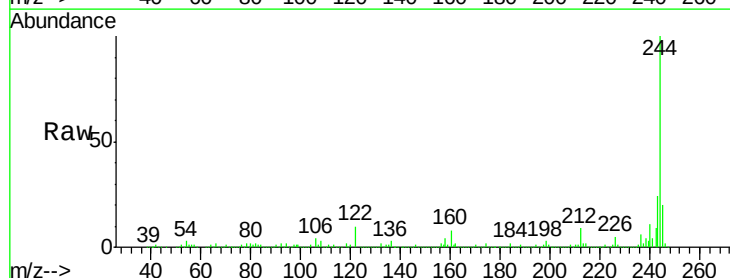
Tgt Ion:244 Resp: 1730203

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

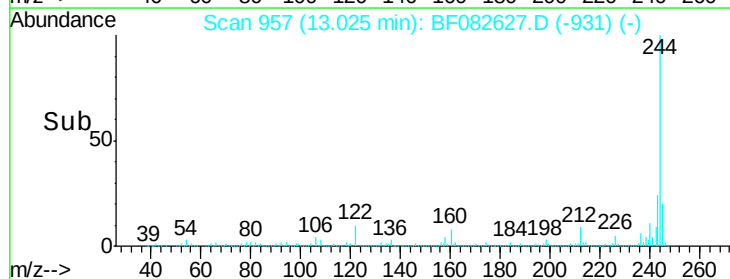
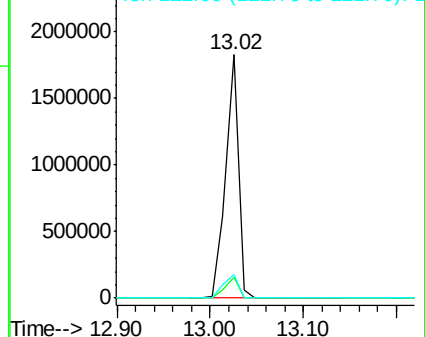
122 9.7 11.3 16.9#

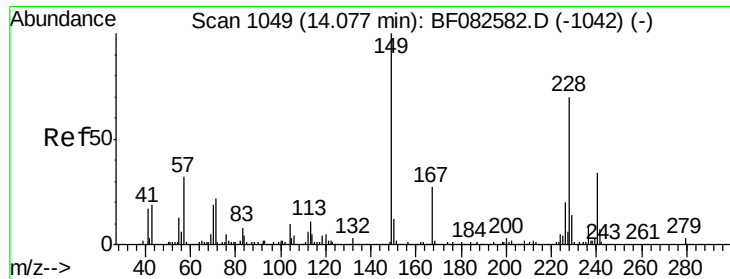


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

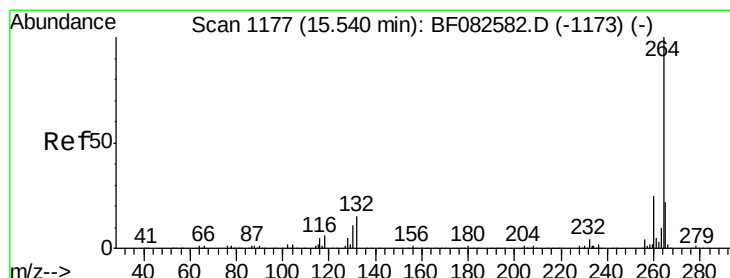
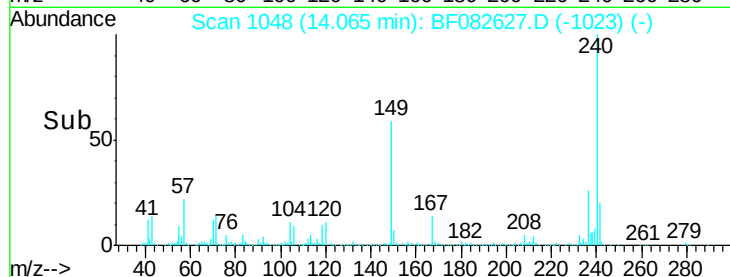
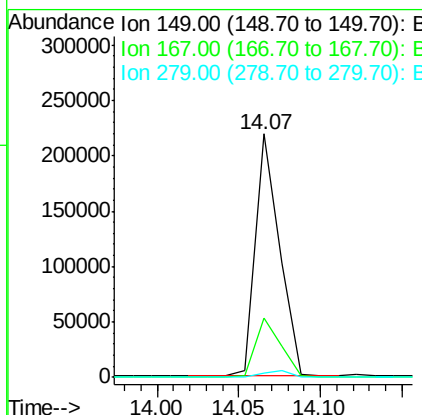
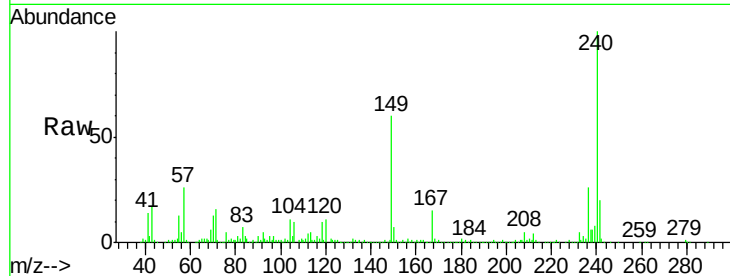




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.98 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampled :
 S2

Tgt Ion	Resp	Lower	Upper
149	100		
167	24.4	21.2	31.8
279	1.8	2.2	3.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.8	17.4	26.0

