

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083254.D
 Acq On : 24 Nov 2015 23:38
 Operator : UM/IZ
 Sample : G4518-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATION

Quant Time: Nov 25 02:22:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

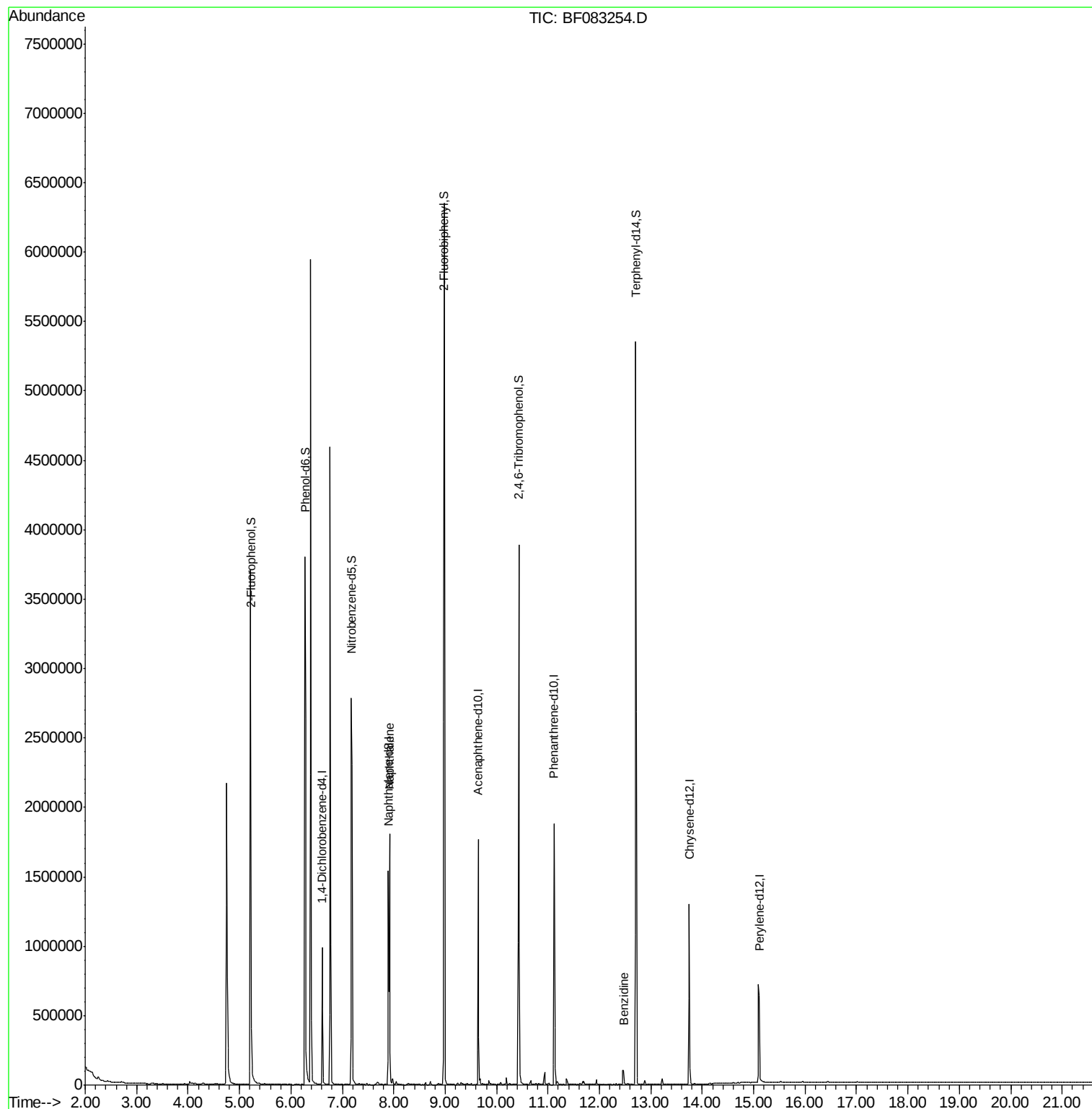
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	173684	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	674716	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	345268	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	655095	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	522706	20.00	ng	-0.06
86) Perylene-d12	15.11	264	398911	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1447040	125.96	ng	-0.06
7) Phenol-d6	6.27	99	1750829	117.79	ng	-0.07
23) Nitrobenzene-d5	7.18	82	1355800	91.82	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	453074	128.27	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	2115128	85.42	ng	-0.05
78) Terphenyl-d14	12.71	244	2037073	91.77	ng	-0.06
Target Compounds						
31) Naphthalene	7.92	128	762397	20.94	ng	Qvalue 100
76) Benzidine	12.47	184	60305	4.40	ng	99

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

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Quant Time: Nov 25 02:22:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

Lab File: BF083254.D

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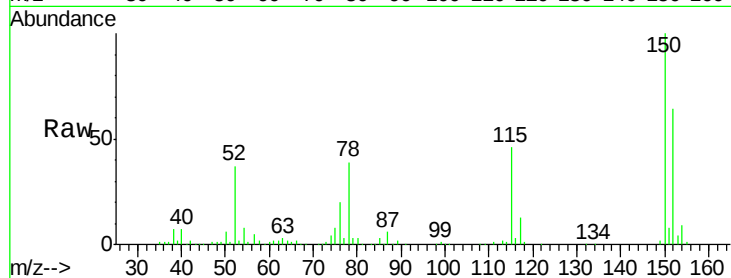
Tgt Ion:152 Resp: 173684

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.8

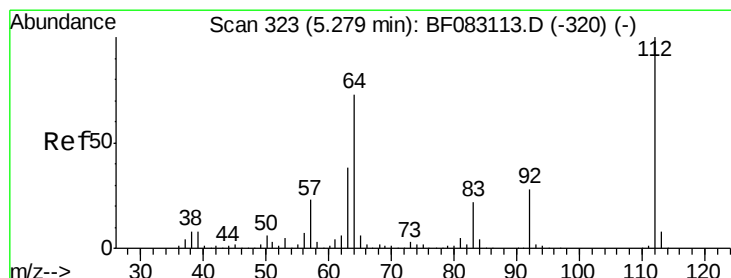
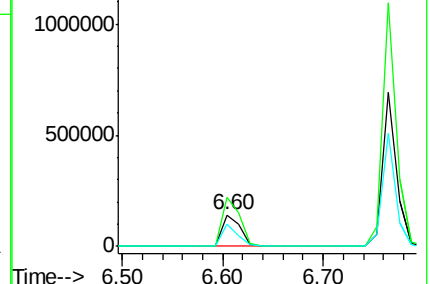
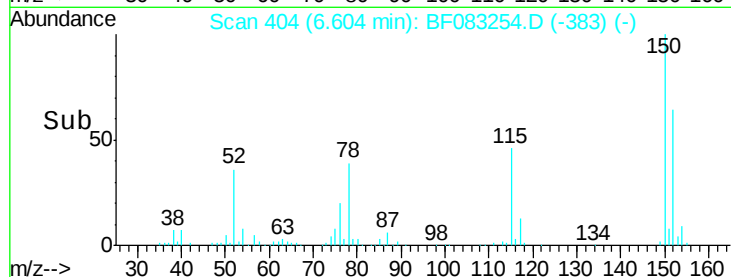
115 72.3 46.9 70.3#



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: 125.96 ng

RT: 5.22 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF083254.D

Acq: 24 Nov 2015 23:38

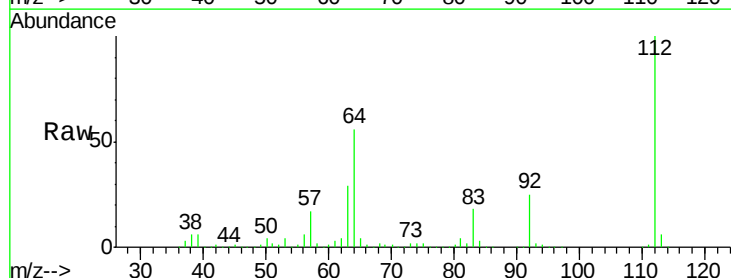
Tgt Ion:112 Resp: 1447040

Ion Ratio Lower Upper

112 100

64 56.5 58.4 87.6#

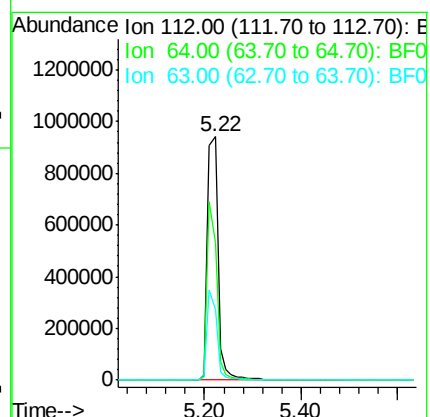
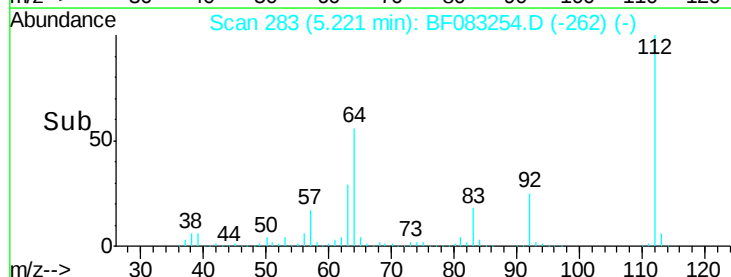
63 29.0 30.0 45.0#

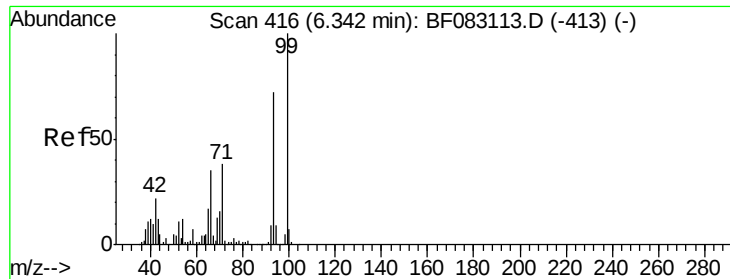


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.79 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083254.D

Acq: 24 Nov 2015 23:38

Instrument :

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UST-WASTECHARCTARIZATION

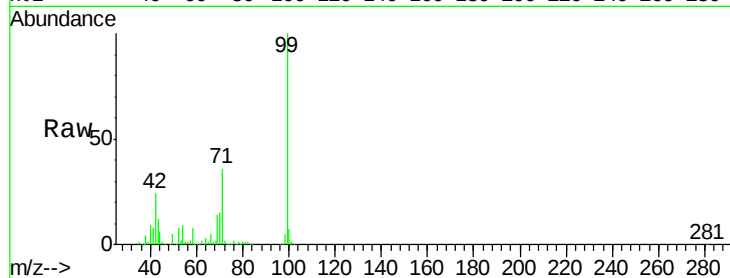
Tgt Ion: 99 Resp: 1750829

Ion Ratio Lower Upper

99 100

42 23.6 17.7 26.5

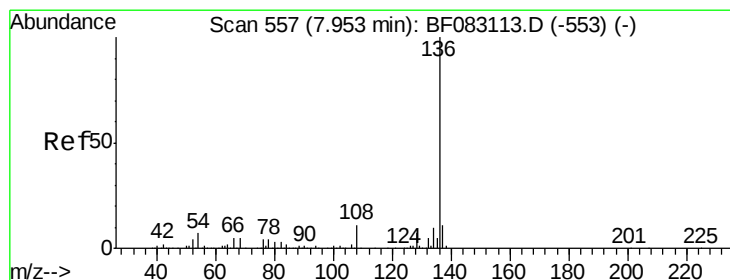
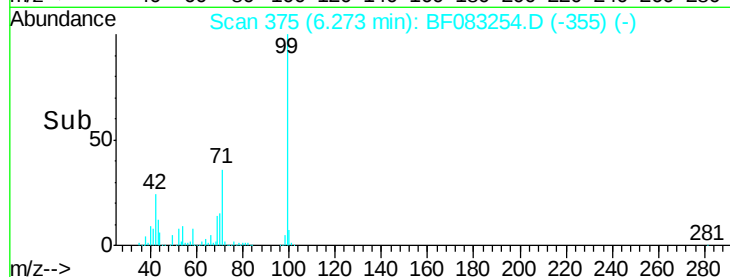
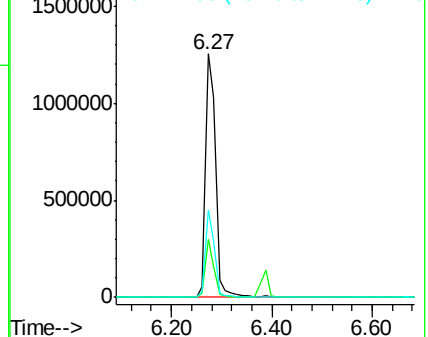
71 35.9 30.2 45.4



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: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083254.D

Acq: 24 Nov 2015 23:38

Tgt Ion: 136 Resp: 674716

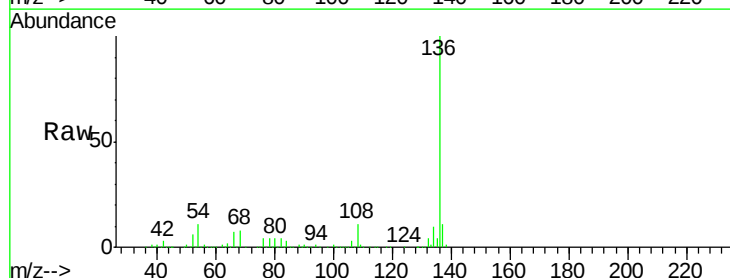
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.5 5.8 8.6#

68 7.8 3.8 5.8#

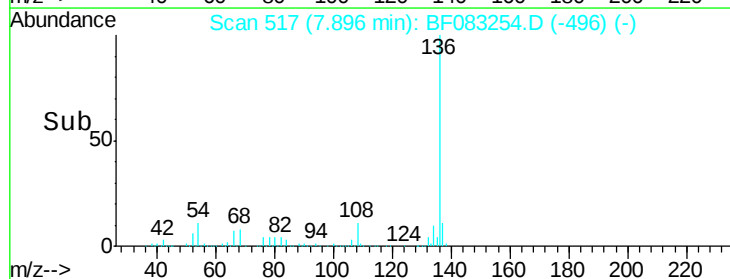
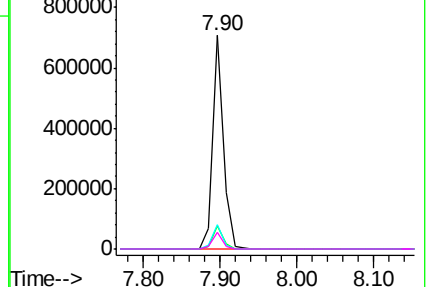


Abundance Ion 136.00 (135.70 to 136.70): E

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

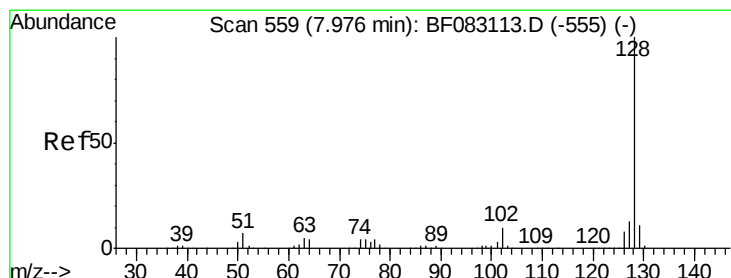
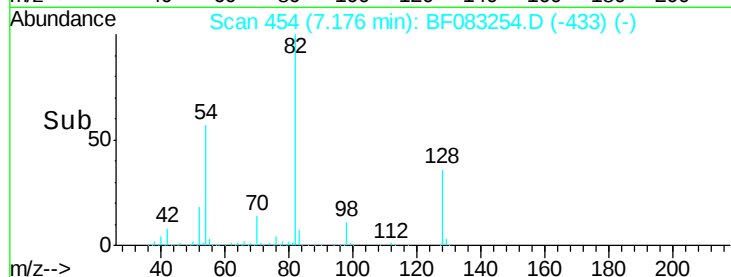
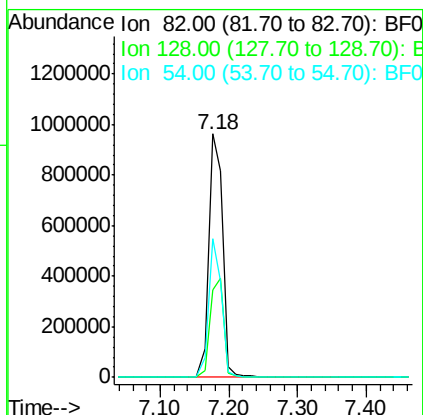
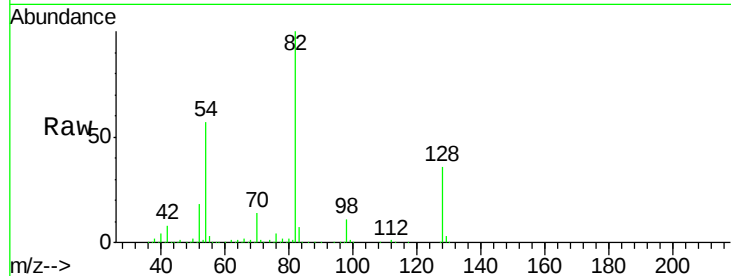




#23
 Nitrobenzene-d5
 Concen: 91.82 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.06 min
 Lab File: BF083254.D
 Acq: 24 Nov 2015 23:38

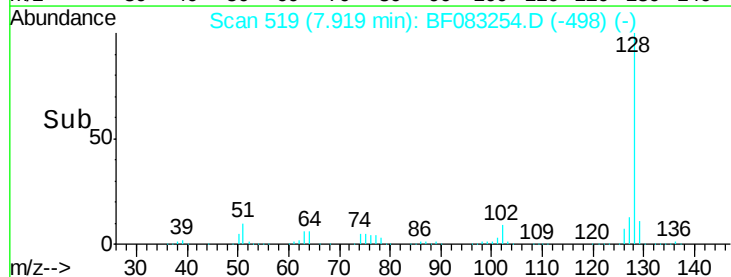
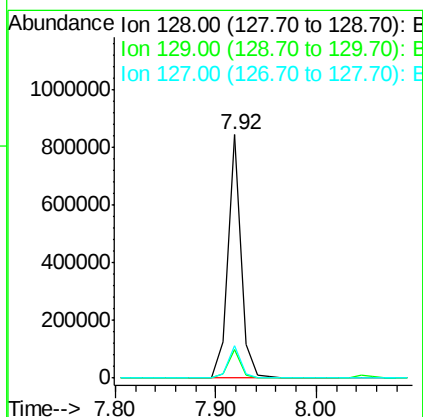
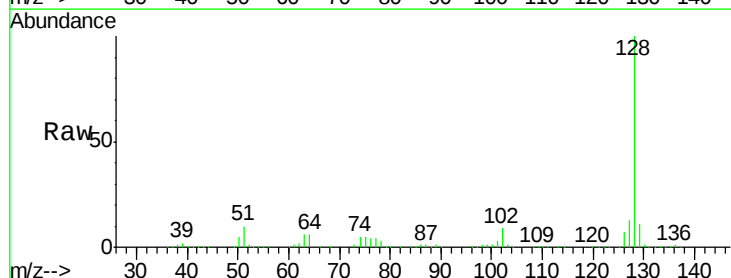
Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATION

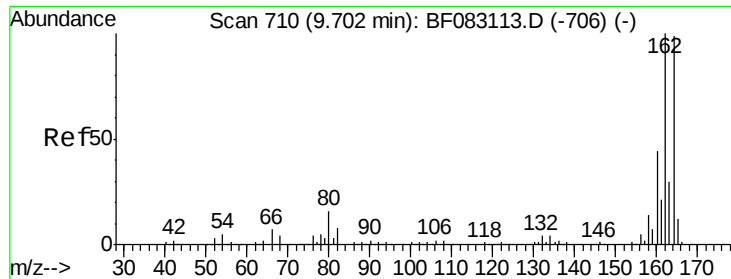
Tgt Ion: 82 Resp: 1355800
 Ion Ratio Lower Upper
 82 100
 128 35.9 28.5 42.7
 54 57.0 44.6 67.0



#31
 Naphthalene
 Concen: 20.94 ng
 RT: 7.92 min Scan# 519
 Delta R.T. -0.06 min
 Lab File: BF083254.D
 Acq: 24 Nov 2015 23:38

Tgt Ion: 128 Resp: 762397
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.4
 127 13.1 10.6 15.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF083254.D

Acq: 24 Nov 2015 23:38

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATION

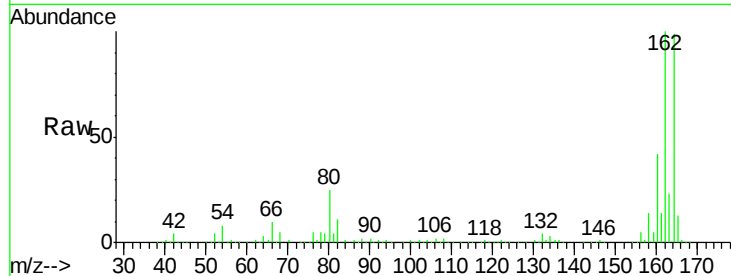
Tgt Ion:164 Resp: 345268

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

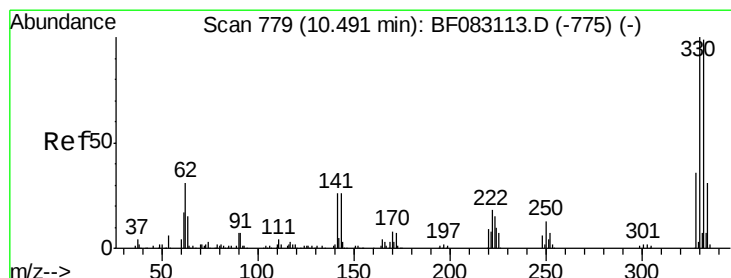
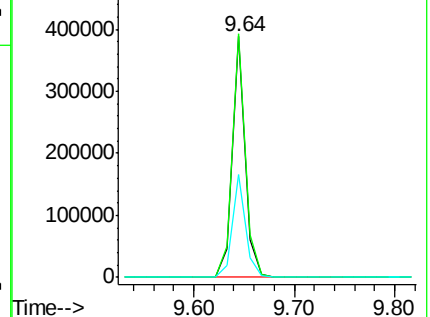
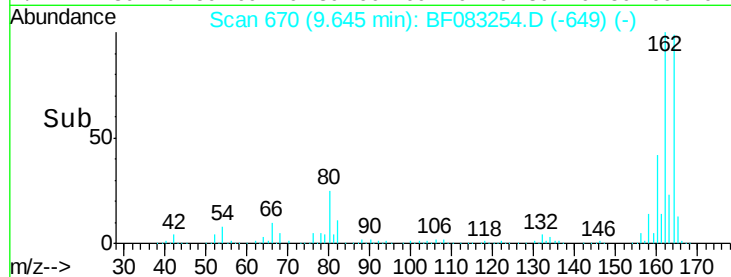
160 42.9 35.6 53.4



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: 128.27 ng

RT: 10.43 min Scan# 739

Delta R.T. -0.06 min

Lab File: BF083254.D

Acq: 24 Nov 2015 23:38

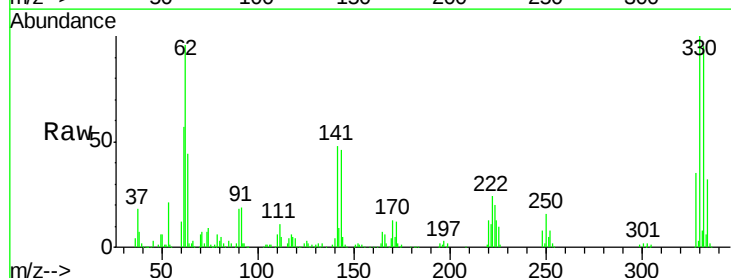
Tgt Ion:330 Resp: 453074

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

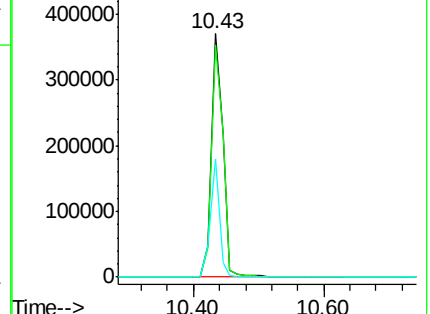
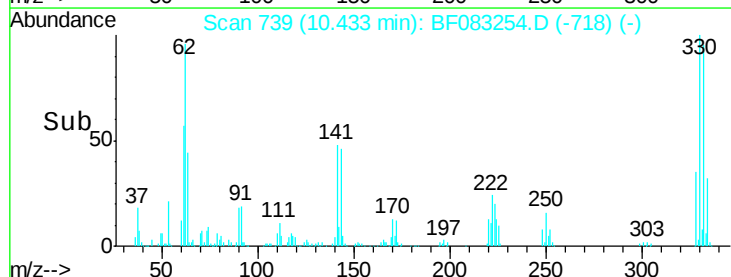
141 38.8 29.7 44.5

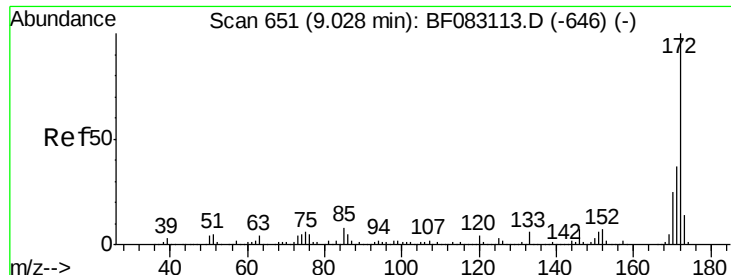


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

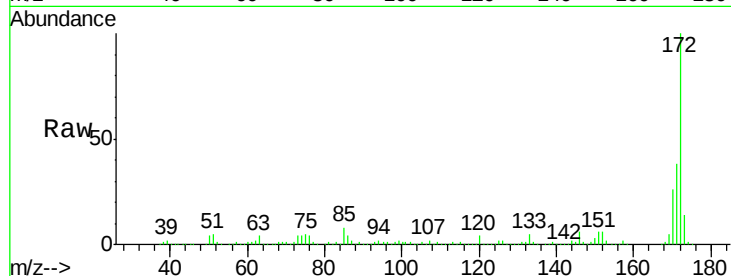




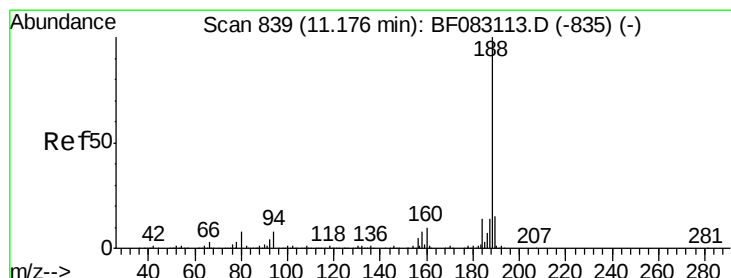
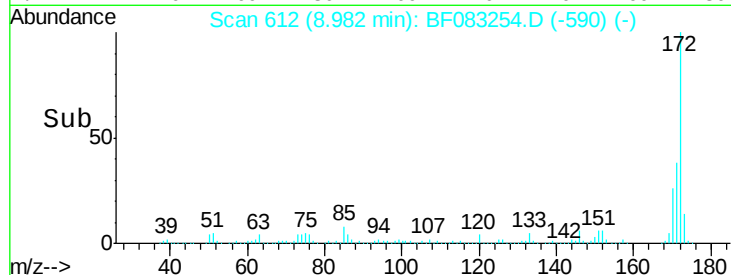
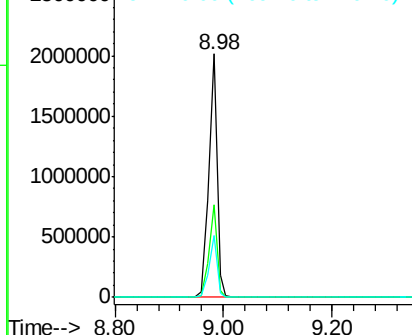
#44
 2-Fluorobiphenyl
 Concen: 85.42 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083254.D
 Acq: 24 Nov 2015 23:38

Instrument :
 BNA_F
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 UST-WASTECHARCTARIZATION

Tgt Ion:172 Resp: 2115128
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.5 44.3
 170 25.6 19.9 29.9

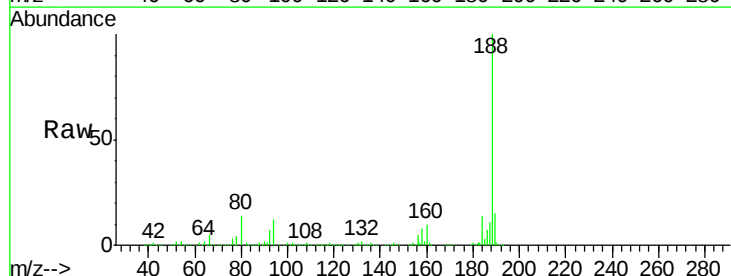


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

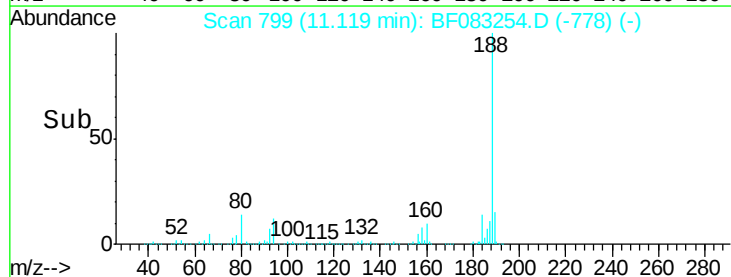
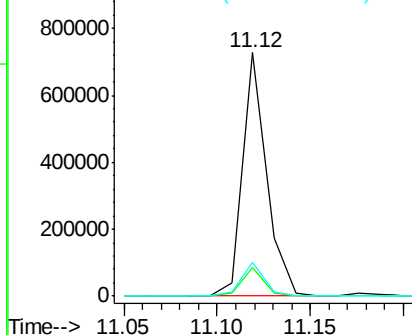


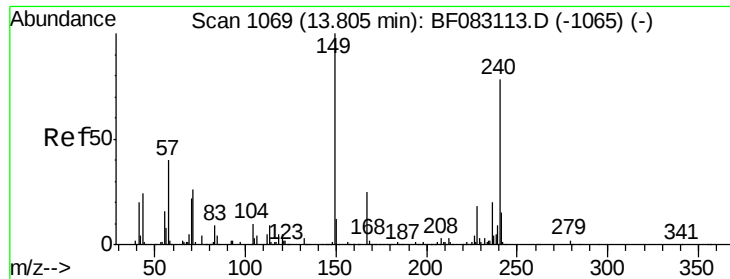
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 799
 Delta R.T. -0.06 min
 Lab File: BF083254.D
 Acq: 24 Nov 2015 23:38

Tgt Ion:188 Resp: 655095
 Ion Ratio Lower Upper
 188 100
 94 11.9 6.0 9.0#
 80 13.9 6.7 10.1#



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

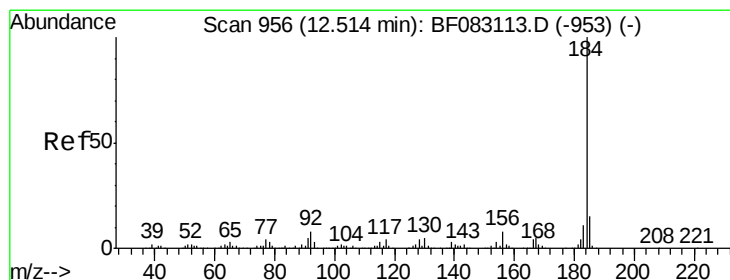
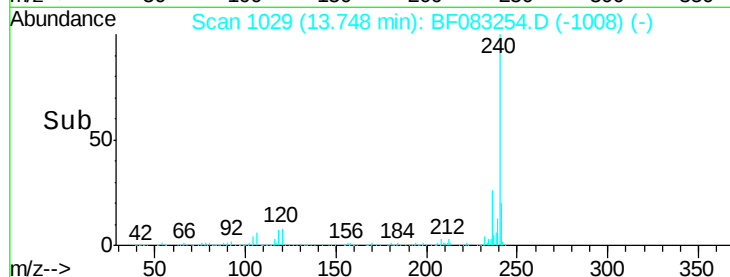
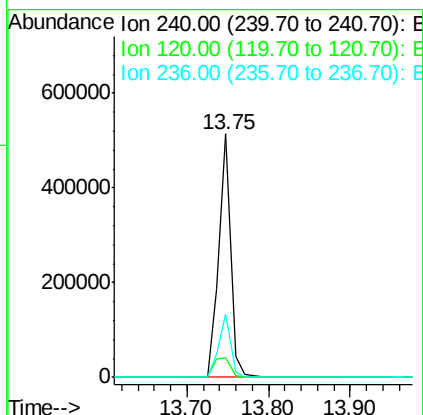
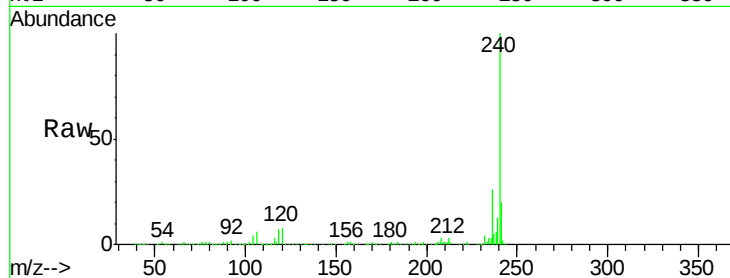




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF083254.D
Acq: 24 Nov 2015 23:38

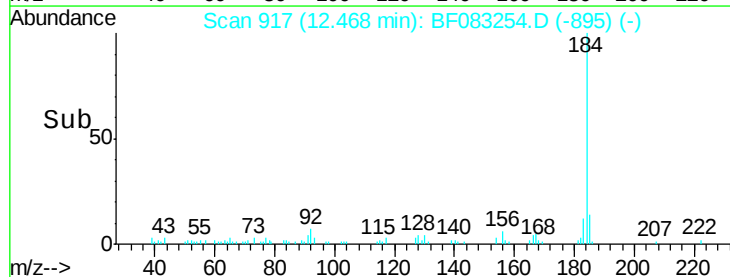
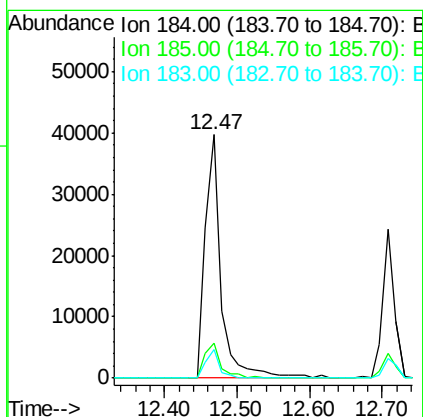
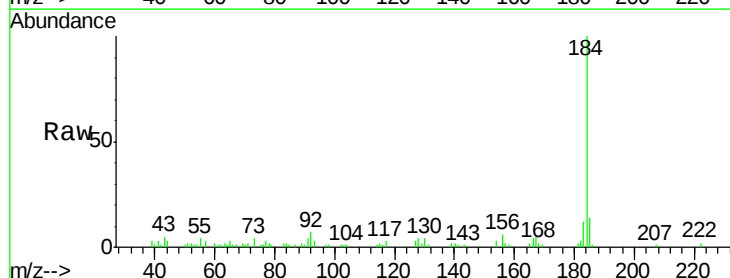
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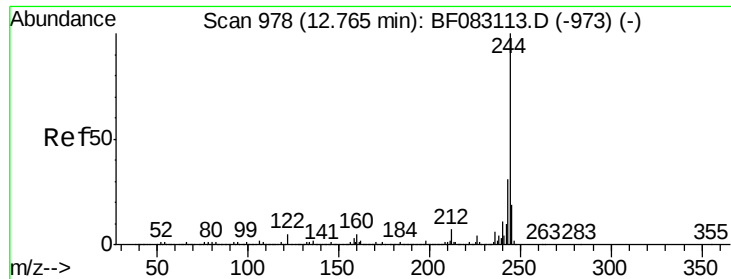
Tgt Ion:240 Resp: 522706
Ion Ratio Lower Upper
240 100
120 8.2 5.4 8.2#
236 25.7 20.6 31.0



#76
Benzidine
Concen: 4.40 ng
RT: 12.47 min Scan# 917
Delta R.T. -0.05 min
Lab File: BF083254.D
Acq: 24 Nov 2015 23:38

Tgt Ion:184 Resp: 60305
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.5 8.8 13.2

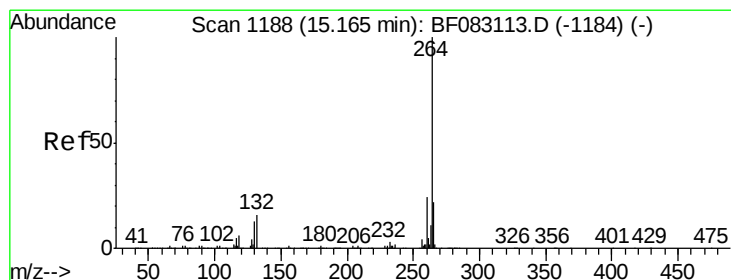
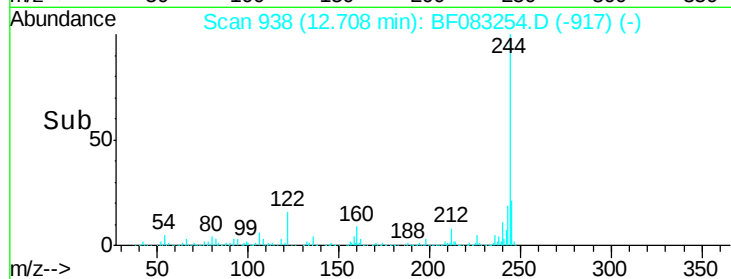
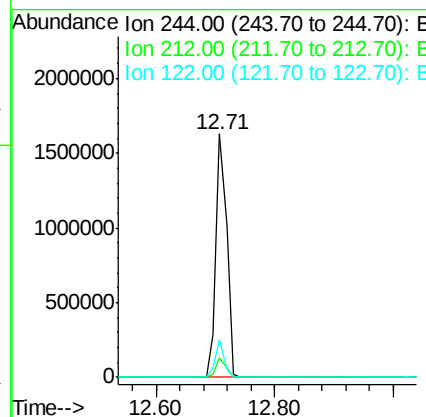
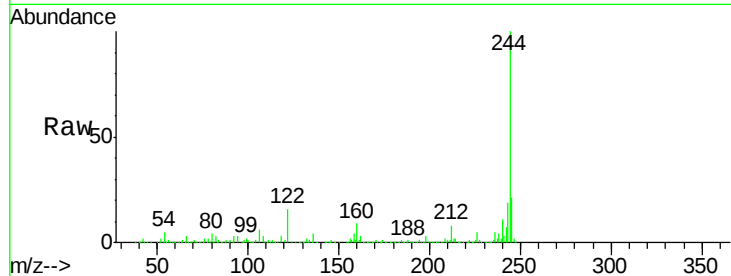




#78
 Terphenyl-d14
 Concen: 91.77 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF083254.D
 Acq: 24 Nov 2015 23:38

Instrument :
 BNA_F
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 UST-WASTECHARCTARIZATION

Tgt Ion:244 Resp: 2037073
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 15.5 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF083254.D
 Acq: 24 Nov 2015 23:38

Tgt Ion:264 Resp: 398911
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.8 18.2 27.4

