

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062118\
 Data File : BE096839.D
 Acq On : 21 Jun 2018 11:22
 Operator : SJ/JU
 Sample : PB110435BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 22 03:00:48 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062018.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 20 15:45:14 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3287	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13790	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5784	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14898	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12807	0.40	ng	0.00
34) Perylene-d12	23.22	264	10797	0.40	ng	0.00

System Monitoring Compounds

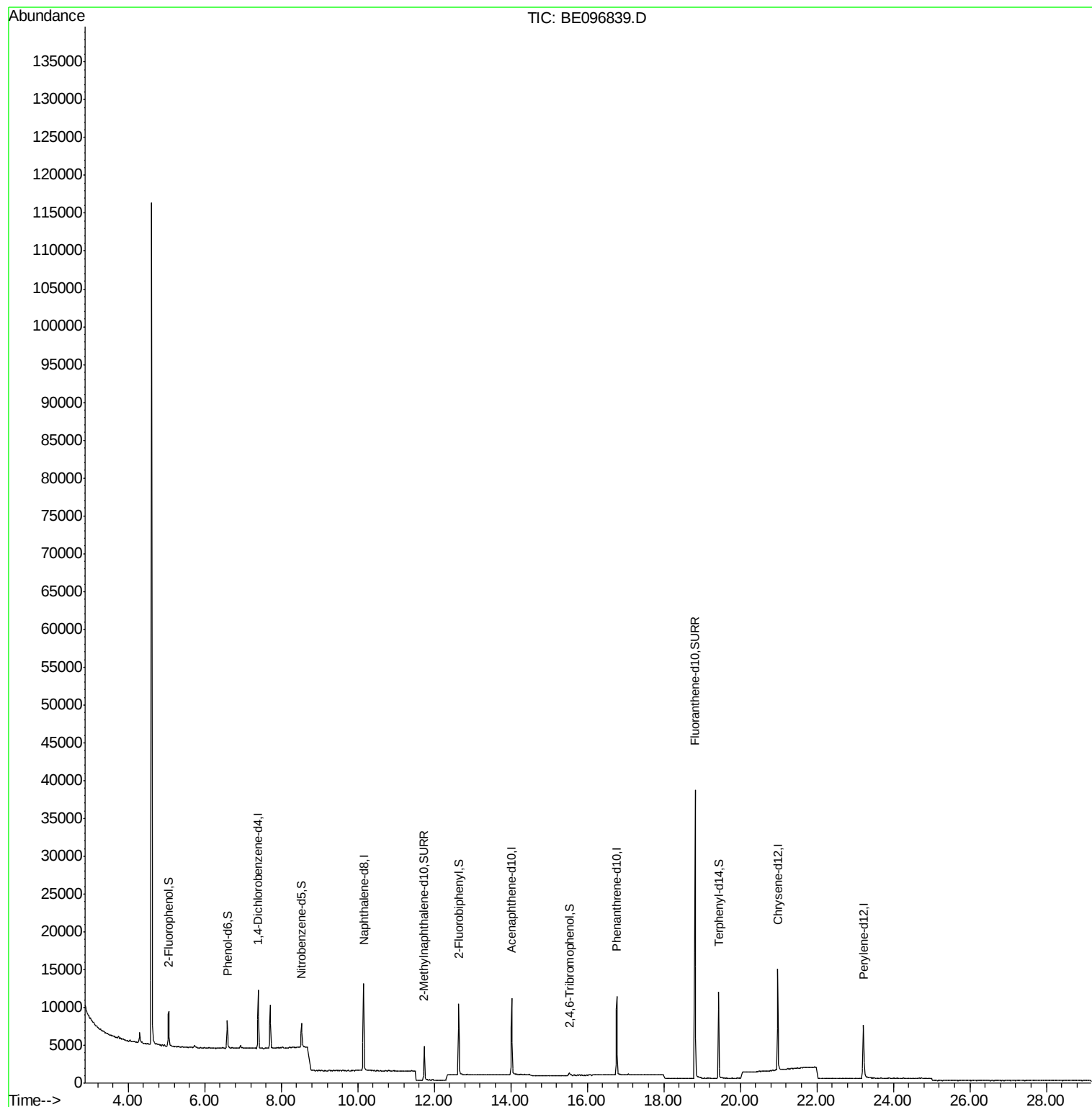
4) 2-Fluorophenol	5.06	112	2423	0.33	ng	0.01
5) Phenol-d6	6.59	99	3196	0.29	ng	0.00
8) Nitrobenzene-d5	8.53	82	2734	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	6219	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	287	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	8469	0.40	ng	0.00
25) Fluoranthene-d10	18.81	212	49396	0.38	ng	0.00
29) Terphenyl-d14	19.44	244	9624	0.39	ng	0.00

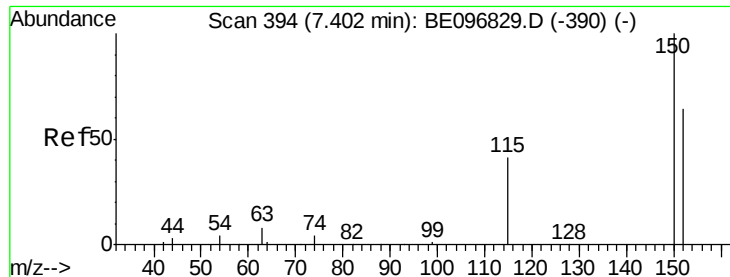
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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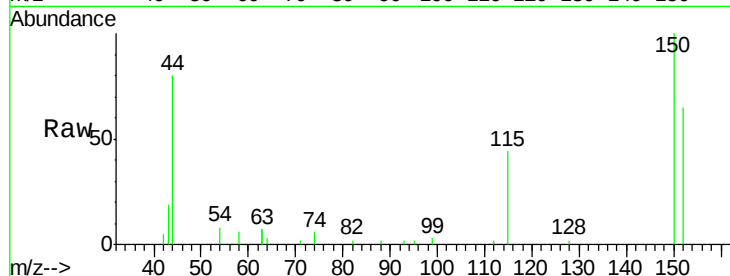




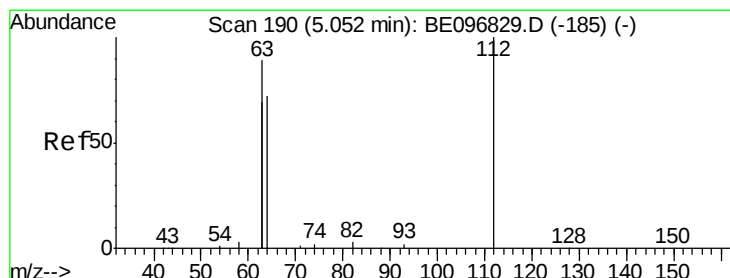
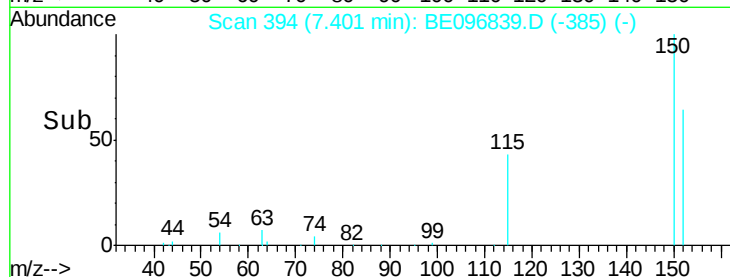
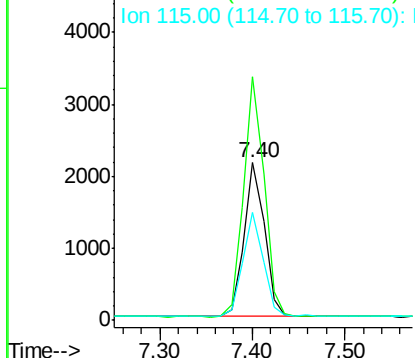
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:152 Resp: 3287
Ion Ratio Lower Upper
152 100
150 154.7 117.2 175.8
115 68.5 57.0 85.6



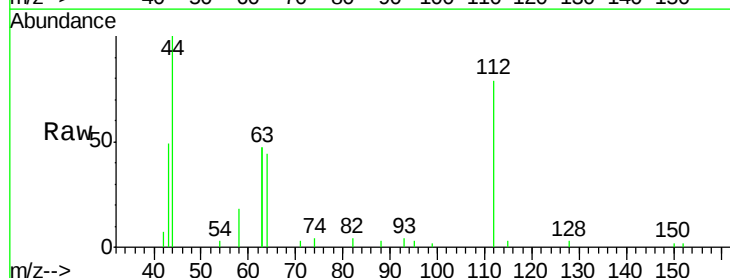
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



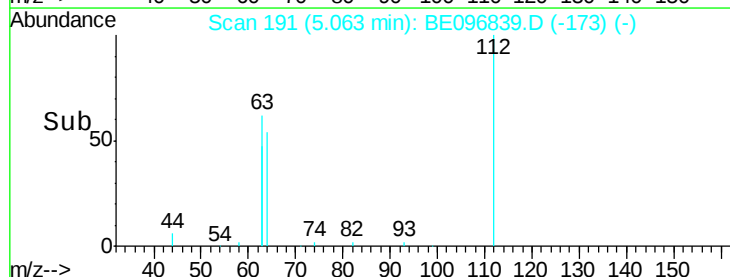
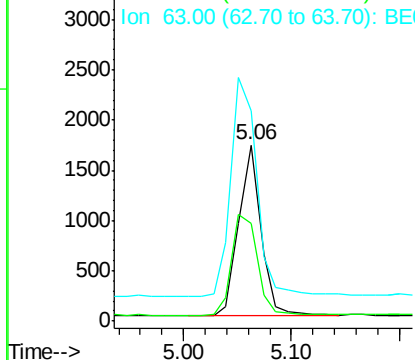
#4

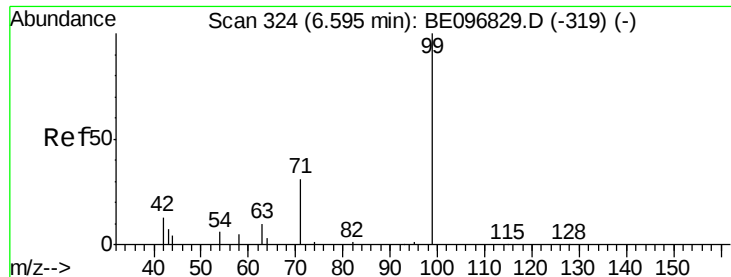
2-Fluorophenol
Concen: 0.330 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:112 Resp: 2423
Ion Ratio Lower Upper
112 100
64 70.2 60.1 90.1
63 152.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.292 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

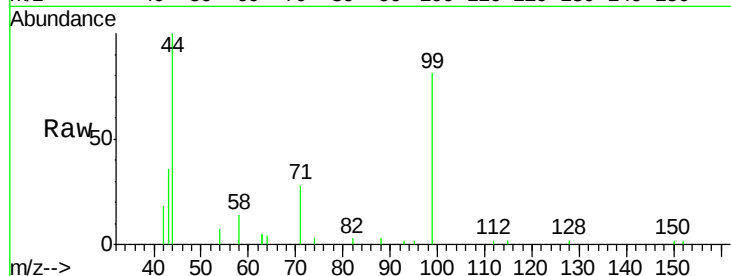
Tgt Ion: 99 Resp: 3196

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

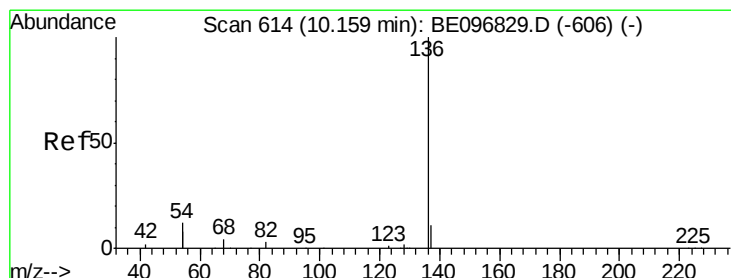
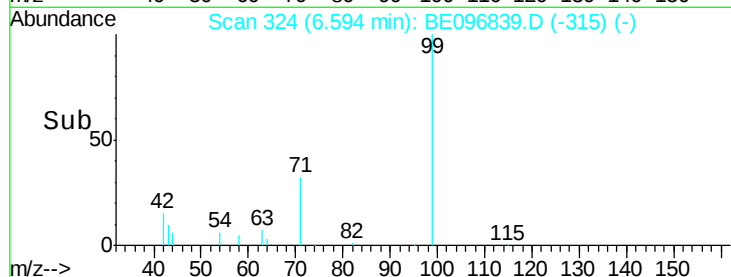
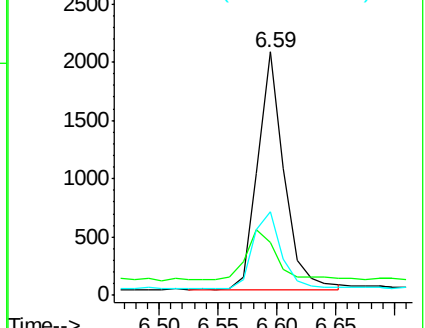
71 35.3 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

Tgt Ion: 136 Resp: 13790

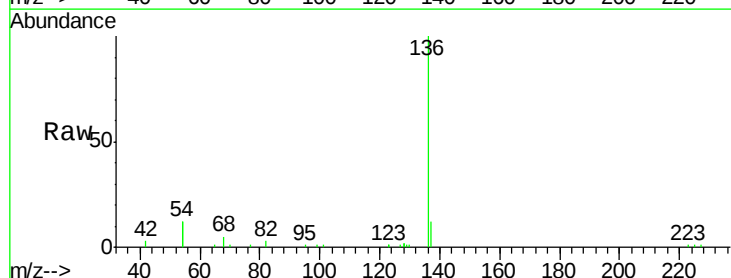
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 23.2 29.1 43.7#

68 4.8 6.2 9.2#

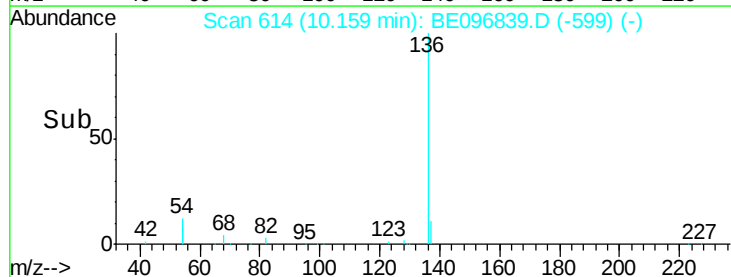
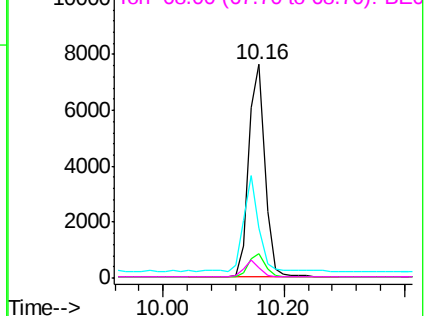


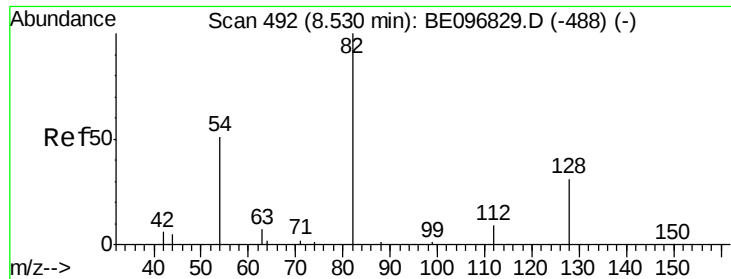
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.327 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

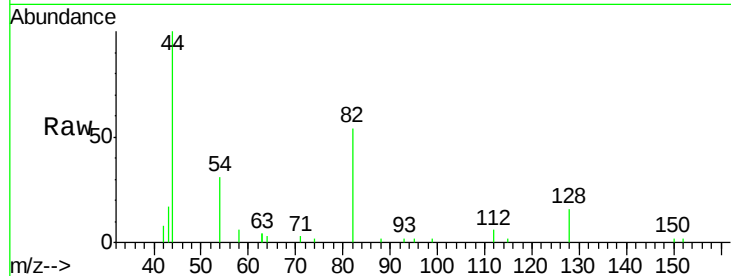
Tgt Ion: 82 Resp: 2734

Ion Ratio Lower Upper

82 100

128 29.9 24.0 36.0

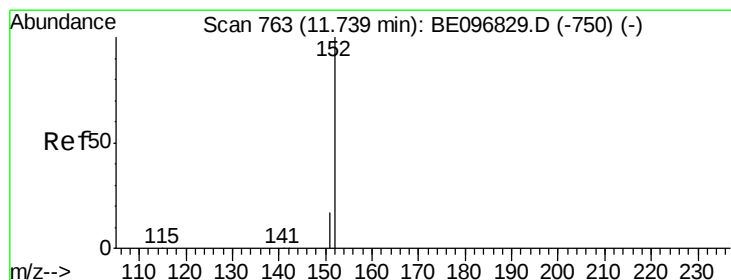
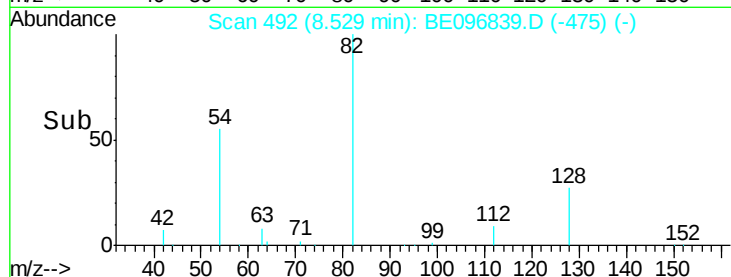
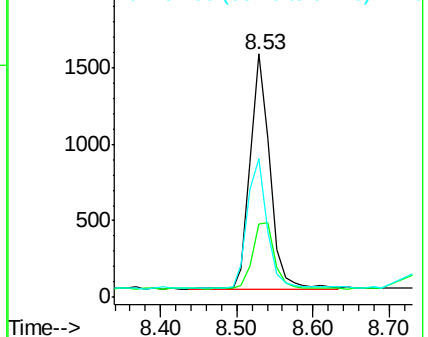
54 56.9 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.313 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE096839.D

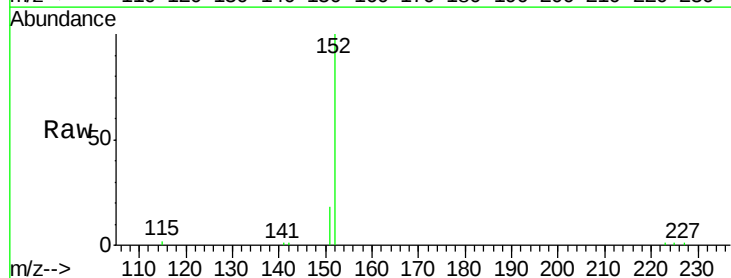
Acq: 21 Jun 2018 11:22

Tgt Ion: 152 Resp: 6219

Ion Ratio Lower Upper

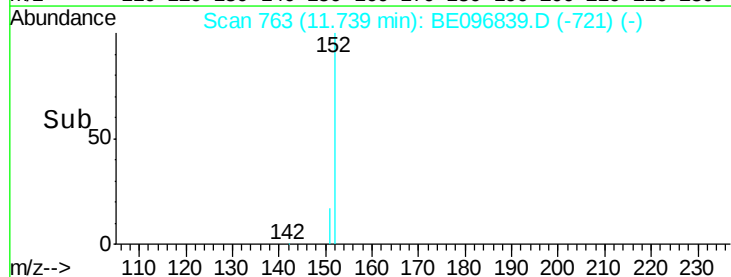
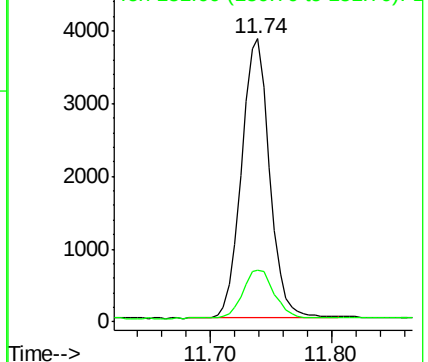
152 100

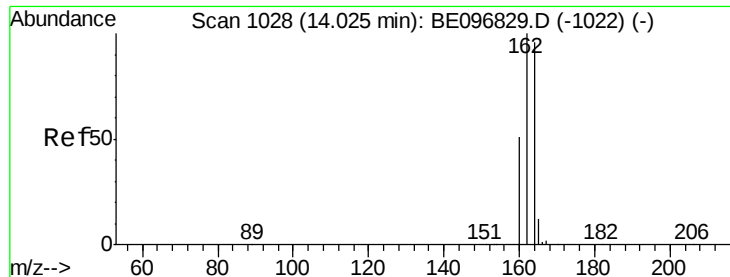
151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

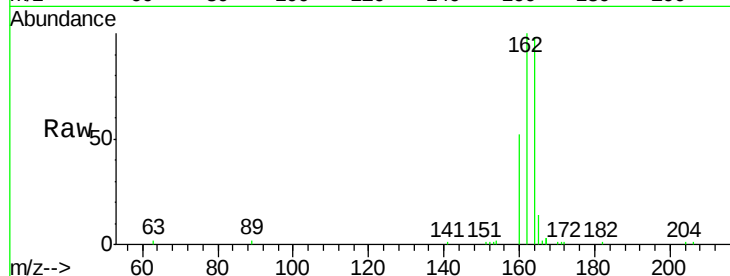
Tgt Ion:164 Resp: 5784

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

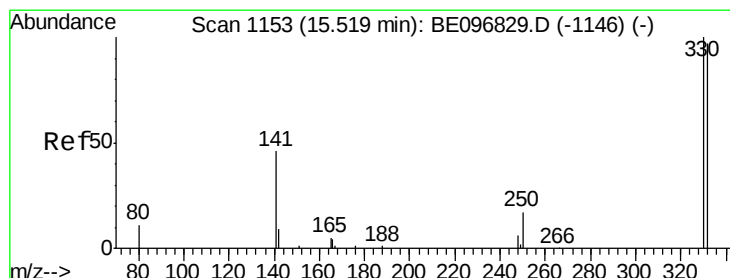
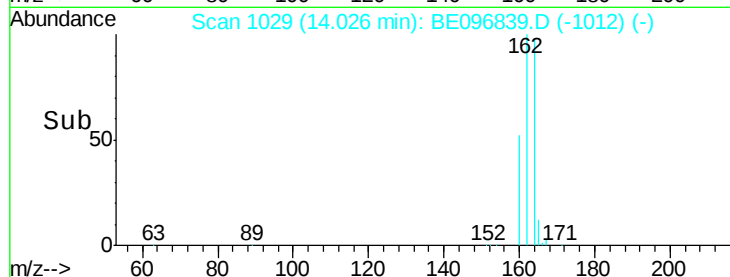
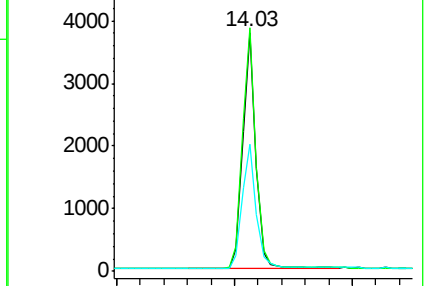
160 53.3 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.307 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

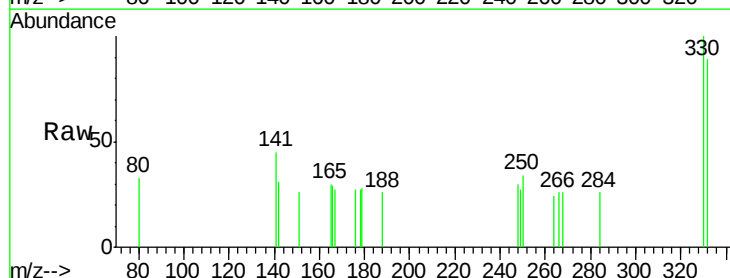
Tgt Ion:330 Resp: 287

Ion Ratio Lower Upper

330 100

332 84.3 152.7 229.1#

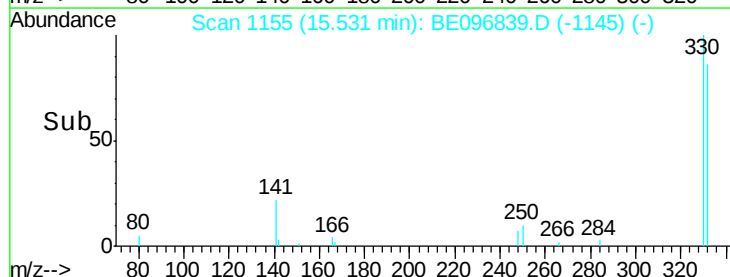
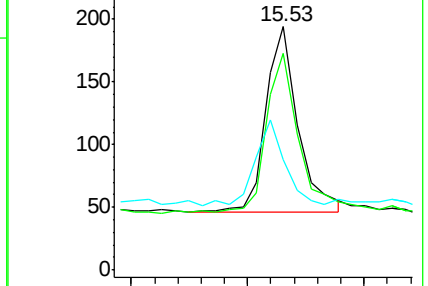
141 43.2 33.7 50.5

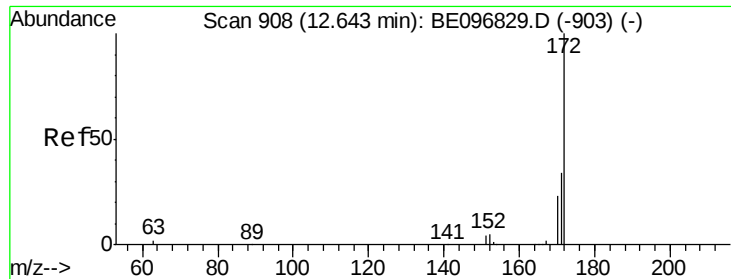


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

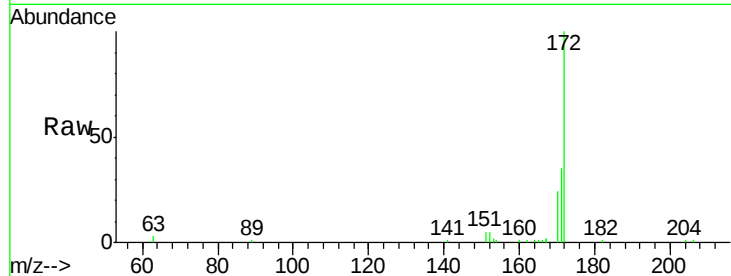
Ion 141.00 (140.70 to 141.70): E



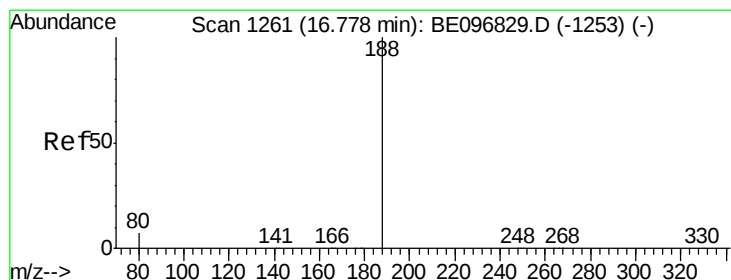
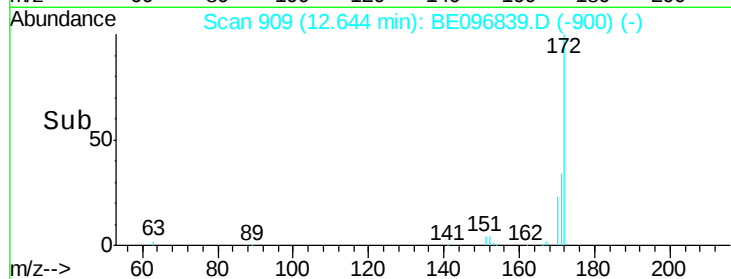
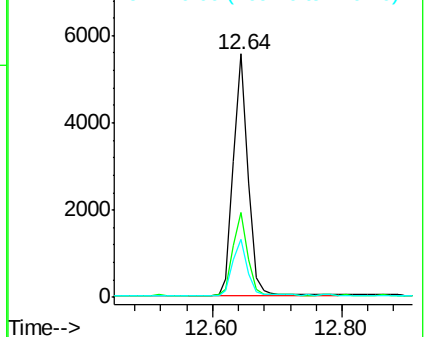


#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:172 Resp: 8469
Ion Ratio Lower Upper
172 100
171 35.0 29.9 44.9
170 24.0 21.8 32.8

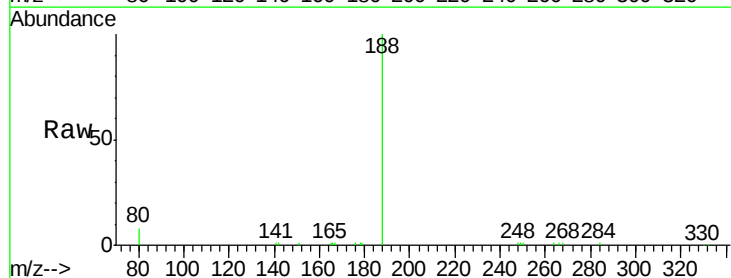


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

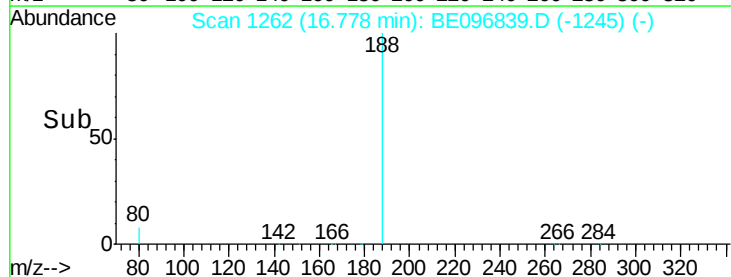
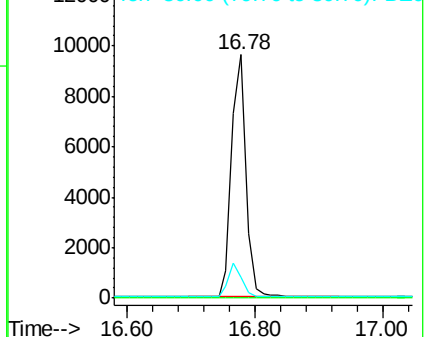


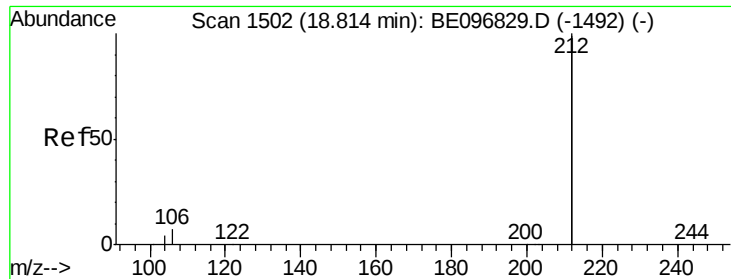
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:188 Resp: 14898
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 8.4 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

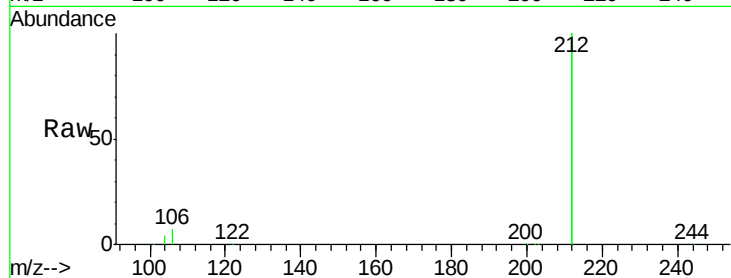
Tgt Ion: 212 Resp: 49396

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

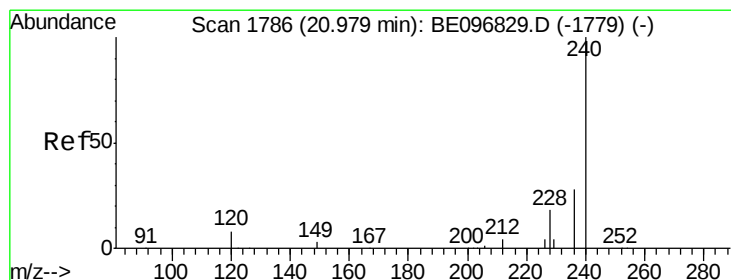
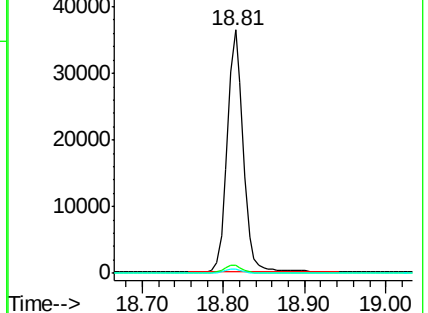
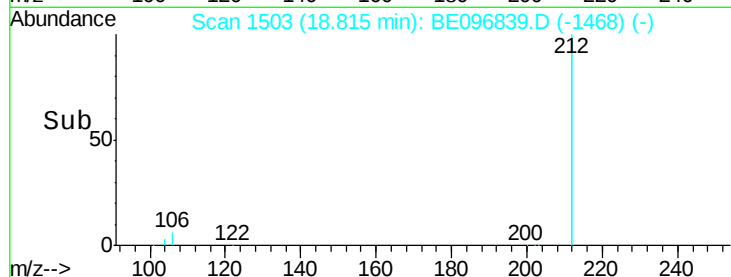
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

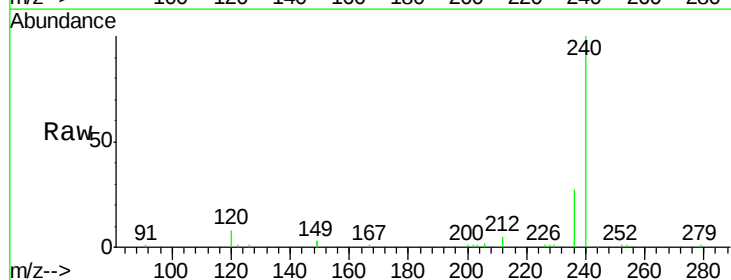
Tgt Ion: 240 Resp: 12807

Ion Ratio Lower Upper

240 100

120 7.9 5.5 8.3

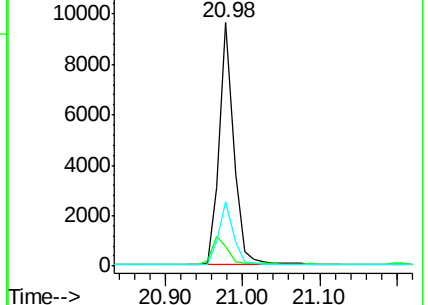
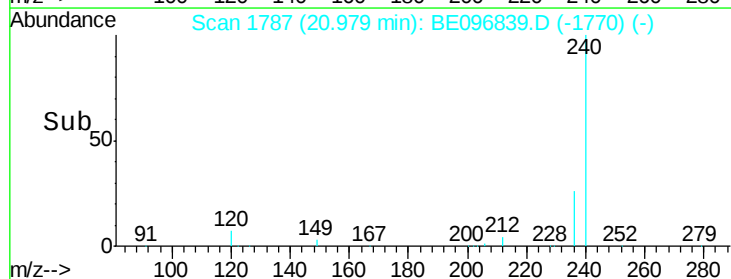
236 26.6 20.7 31.1

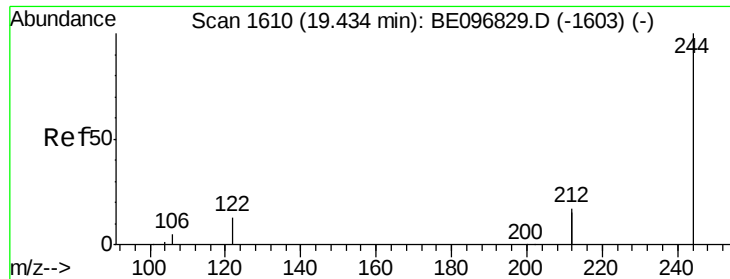


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

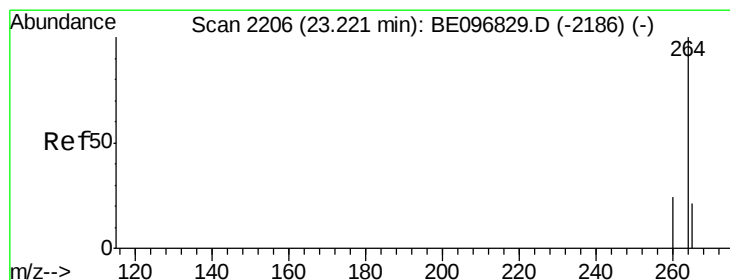
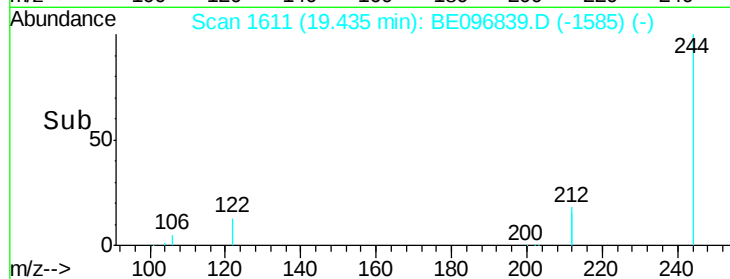
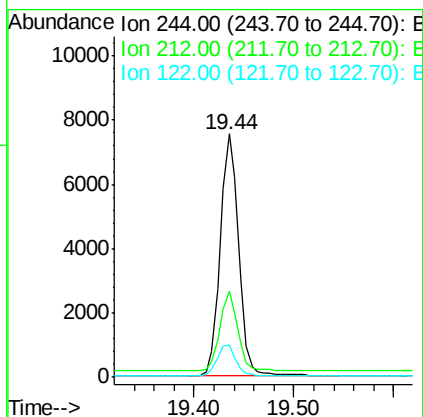
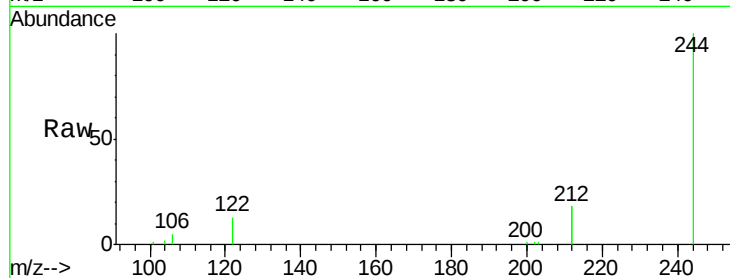
Ion 236.00 (235.70 to 236.70): E





#29
 Terphenyl-d14
 Concen: 0.389 ng
 RT: 19.44 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE096839.D
 Acq: 21 Jun 2018 11:22

Tgt Ion: 244 Resp: 9624
 Ion Ratio Lower Upper
 244 100
 212 35.6 25.4 38.0
 122 13.4 8.1 12.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE096839.D
 Acq: 21 Jun 2018 11:22

Tgt Ion: 264 Resp: 10797
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.5 30.7
 265 27.0 22.8 34.2

