

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085075.D
 Acq On : 13 Feb 2016 9:41
 Operator : SJ/IZ
 Sample : H1409-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(0-2)

Quant Time: Feb 15 00:57:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

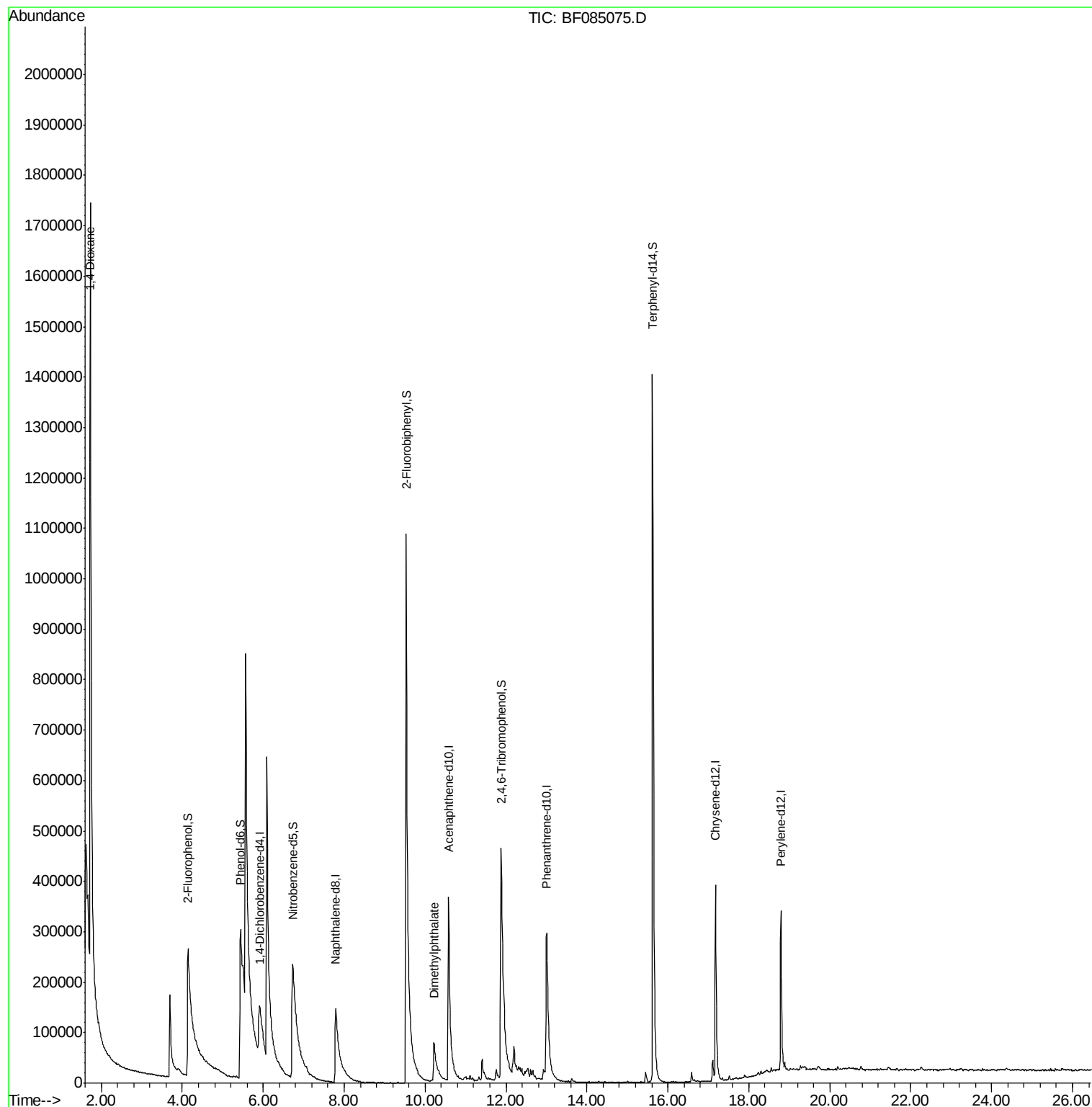
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	116072	20.00	ng	0.03
21) Naphthalene-d8	7.79	136	539273	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	271680	20.00	ng	0.00
63) Phenanthrene-d10	13.01	188	499442	20.00	ng	0.01
75) Chrysene-d12	17.18	240	325935	20.00	ng	0.00
86) Perylene-d12	18.80	264	258927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.15	112	627905	94.59	ng	-0.01
7) Phenol-d6	5.44	99	988939	111.78	ng	0.00
23) Nitrobenzene-d5	6.73	82	637310	69.79	ng	0.01
41) 2,4,6-Tribromophenol	11.88	330	274057	97.67	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1332133	70.09	ng	0.00
78) Terphenyl-d14	15.62	244	1049011	66.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	94320	34.49	ng	# 15
11) bis(2-Chloroethyl)ether	5.55	93	219	Below Cal		# 1
49) Dimethylphthalate	10.22	163	204828	10.06	ng	98

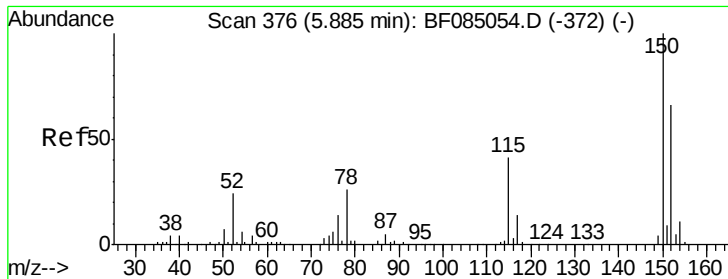
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.03 min

Lab File: BF085075.D

Acq: 13 Feb 2016 9:41

Instrument :

BNA_F

ClientSampleId :

SUP-B039(0-2)

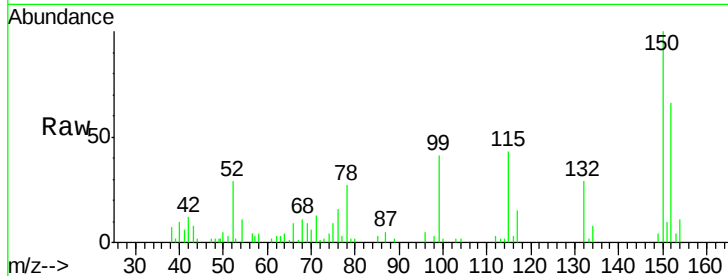
Tgt Ion:152 Resp: 116072

Ion Ratio Lower Upper

152 100

150 150.4 127.4 191.2

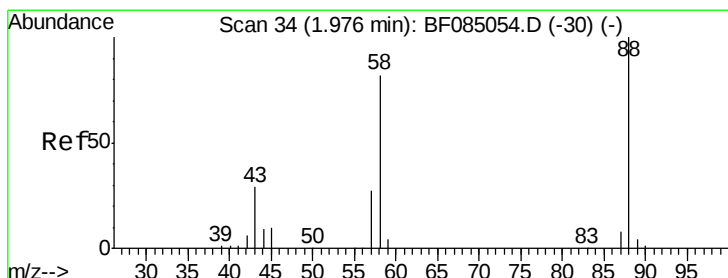
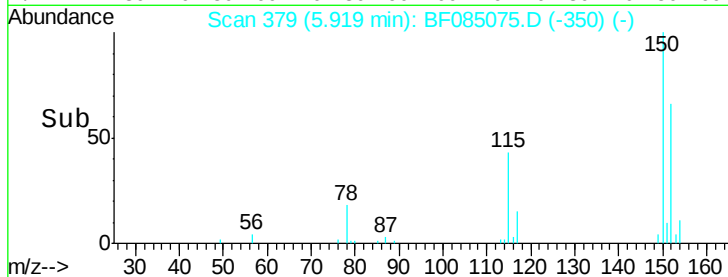
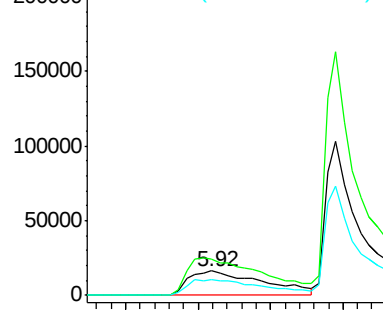
115 64.2 50.5 75.7



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



#2

1,4-Dioxane

Concen: 34.49 ng

RT: 1.72 min Scan# 12

Delta R.T. -0.25 min

Lab File: BF085075.D

Acq: 13 Feb 2016 9:41

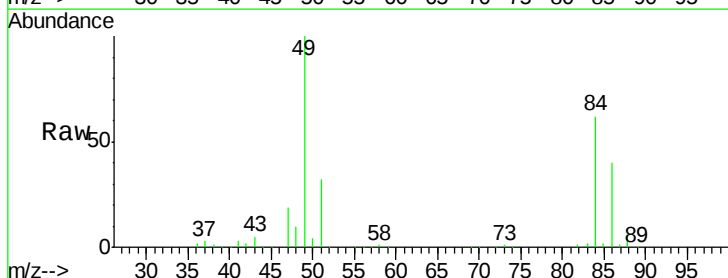
Tgt Ion: 88 Resp: 94320

Ion Ratio Lower Upper

88 100

58 0.0 70.9 106.3#

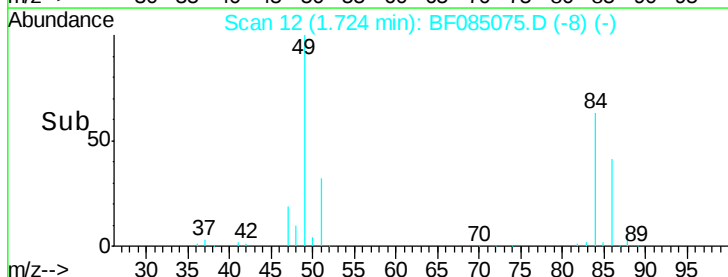
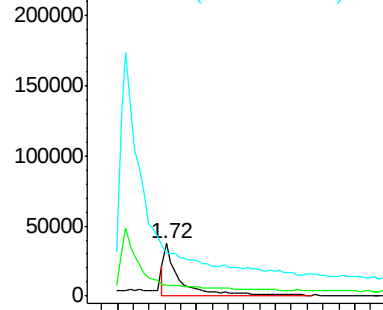
43 0.0 25.9 38.9#

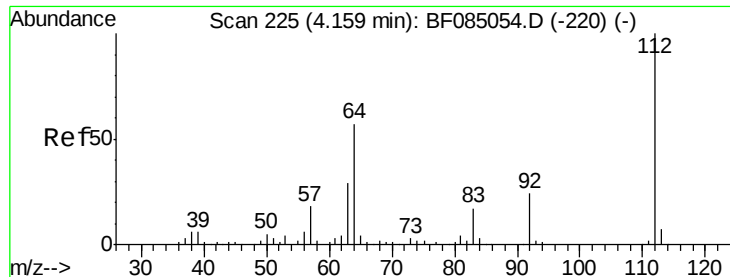


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 94.59 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085075.D

Acq: 13 Feb 2016 9:41

Instrument :

BNA_F

ClientSampleId :

SUP-B039(0-2)

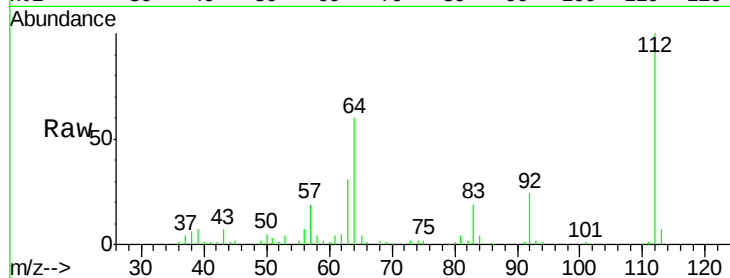
Tgt Ion: 112 Resp: 627905

Ion Ratio Lower Upper

112 100

64 60.2 45.4 68.2

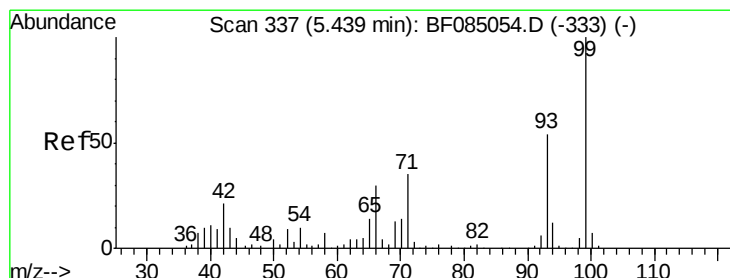
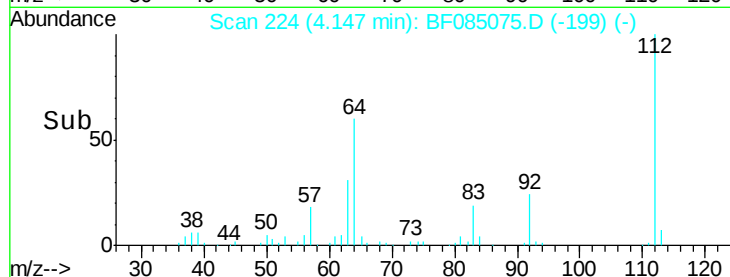
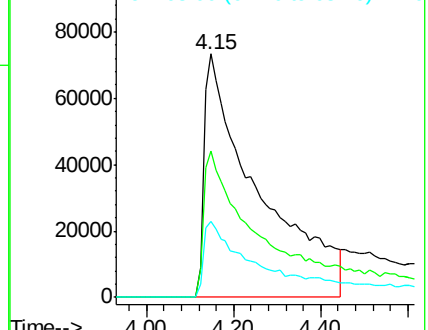
63 31.4 23.2 34.8



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: 111.78 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085075.D

Acq: 13 Feb 2016 9:41

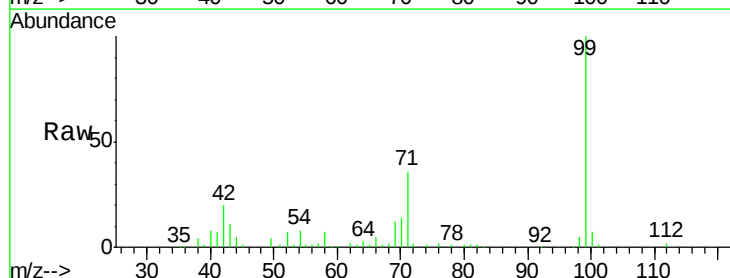
Tgt Ion: 99 Resp: 988939

Ion Ratio Lower Upper

99 100

42 19.8 17.0 25.4

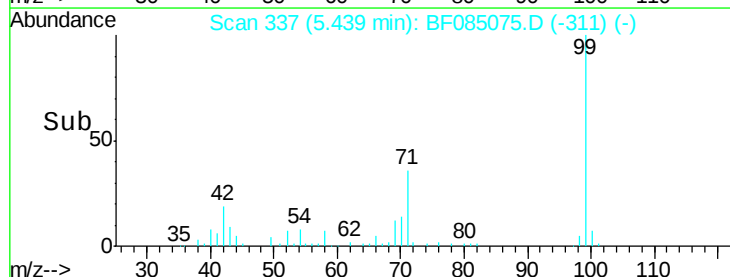
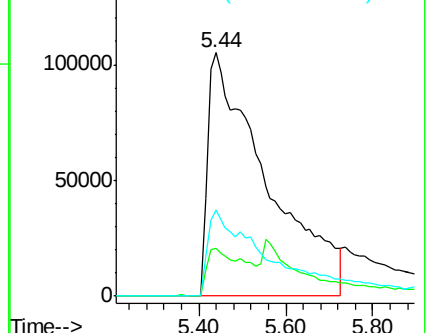
71 35.6 28.3 42.5

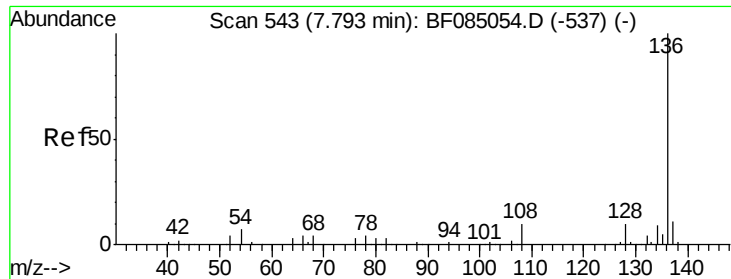


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

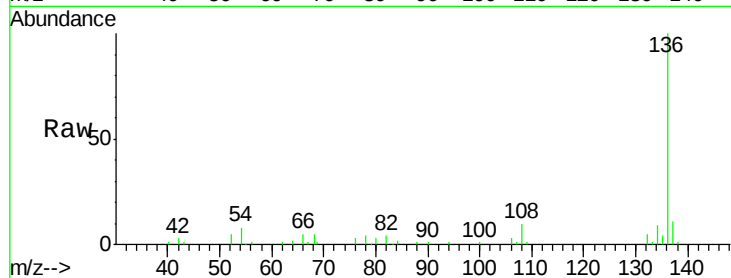




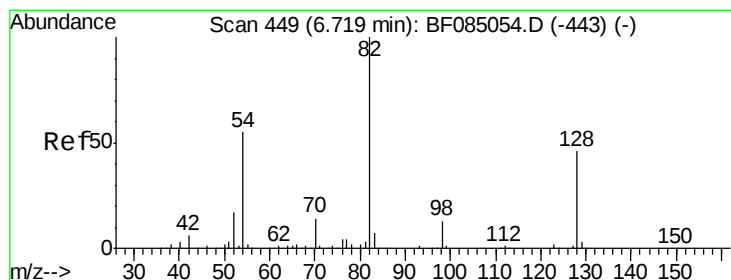
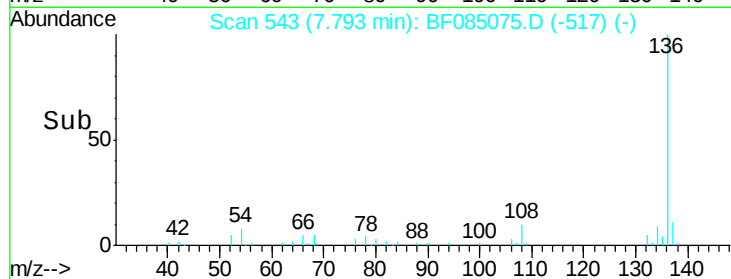
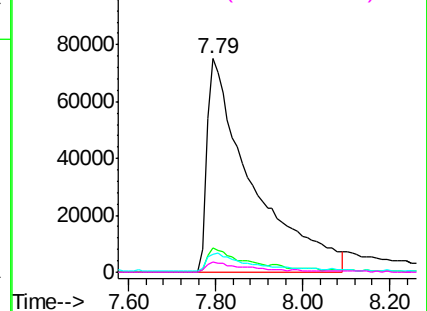
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085075.D
Acq: 13 Feb 2016 9:41

Instrument :
BNA_F
ClientSampleId :
SUP-B039(0-2)

Tgt Ion:	136	Resp:	539273
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.2	6.1	9.1
68	5.1	3.5	5.3

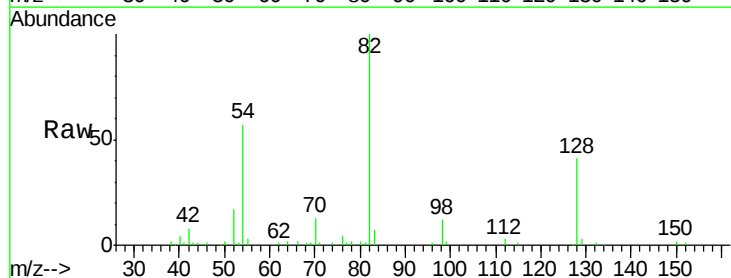


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

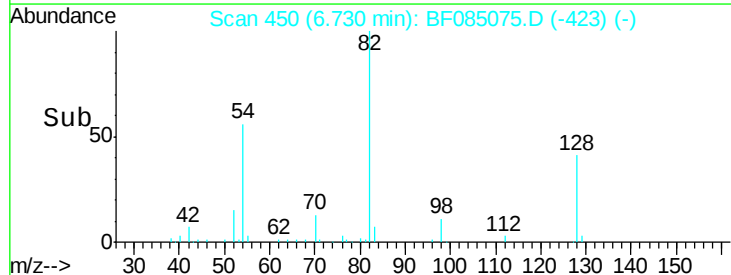
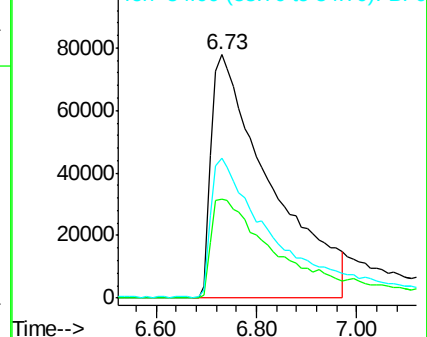


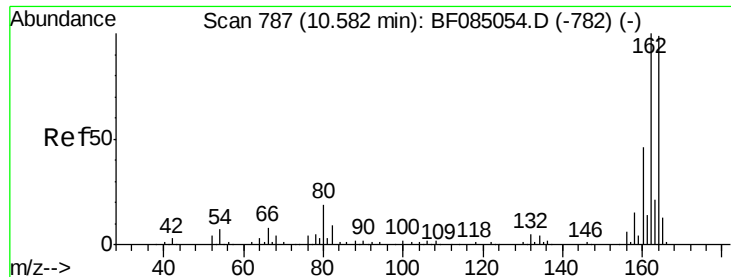
#23
Nitrobenzene-d5
Concen: 69.79 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF085075.D
Acq: 13 Feb 2016 9:41

Tgt Ion:	82	Resp:	637310
Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.8	55.2
54	57.2	44.4	66.6



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: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF085075.D

Acq: 13 Feb 2016 9:41

Instrument :

BNA_F

ClientSampleId :

SUP-B039(0-2)

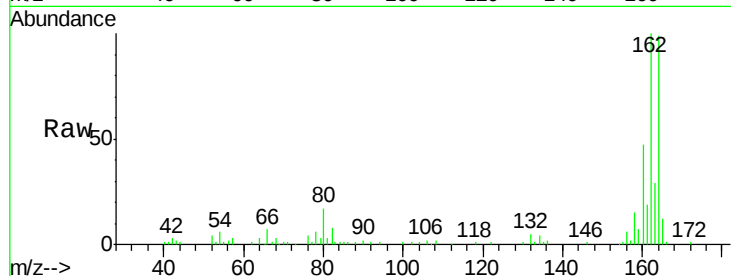
Tgt Ion:164 Resp: 271680

Ion Ratio Lower Upper

164 100

162 101.0 81.1 121.7

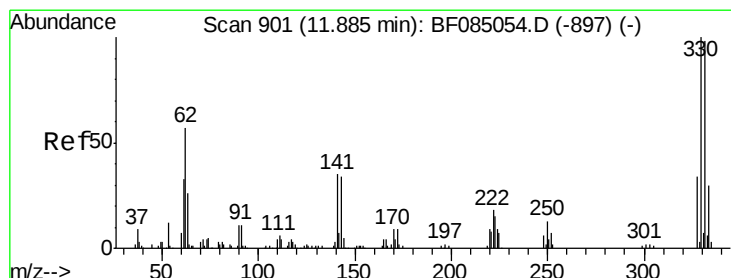
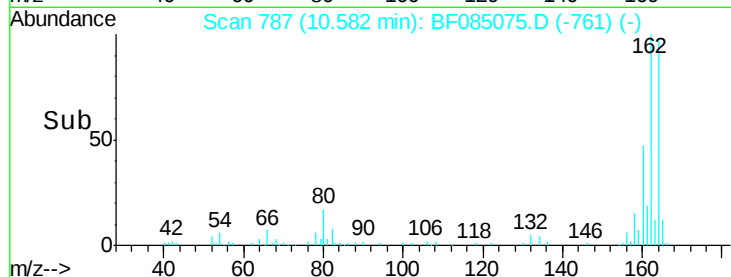
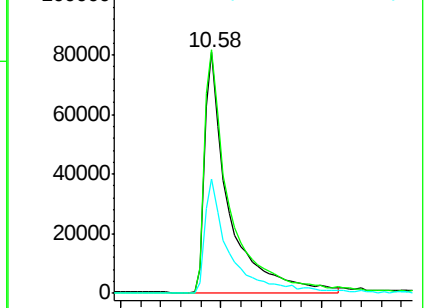
160 47.5 37.4 56.0



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: 97.67 ng

RT: 11.88 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF085075.D

Acq: 13 Feb 2016 9:41

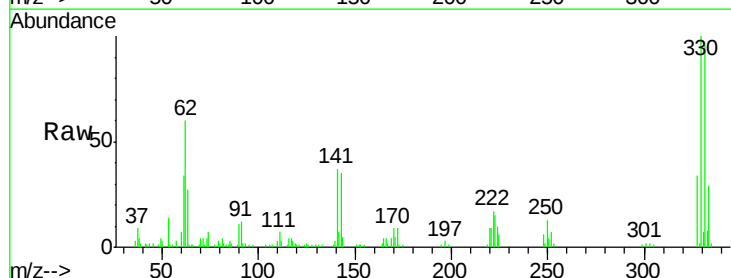
Tgt Ion:330 Resp: 274057

Ion Ratio Lower Upper

330 100

332 95.3 78.5 117.7

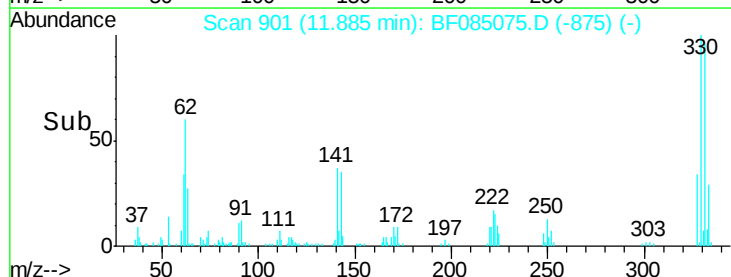
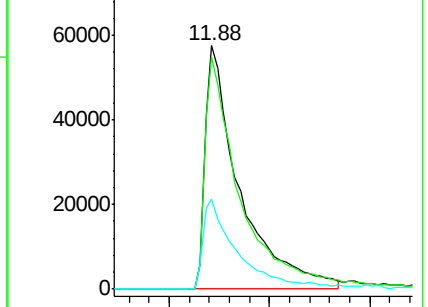
141 36.5 28.6 42.8

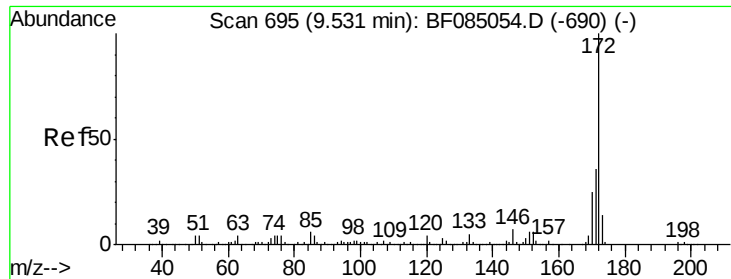


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 70.09 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF085075.D

Acq: 13 Feb 2016 9:41

Instrument :

BNA_F

ClientSampleId :

SUP-B039(0-2)

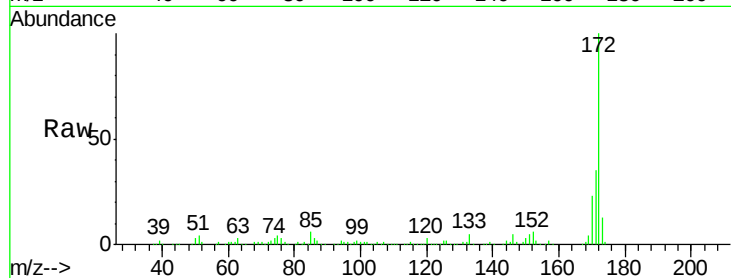
Tgt Ion:172 Resp: 1332133

Ion Ratio Lower Upper

172 100

171 34.9 29.1 43.7

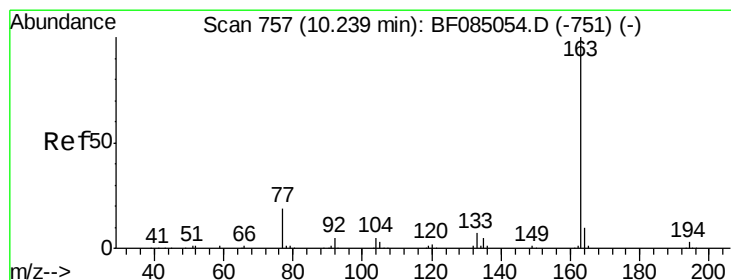
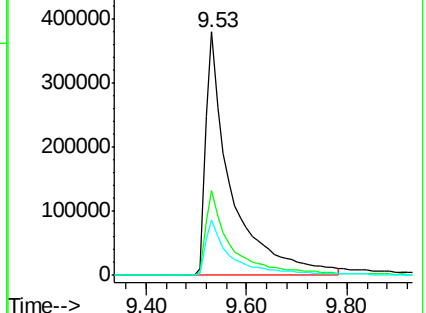
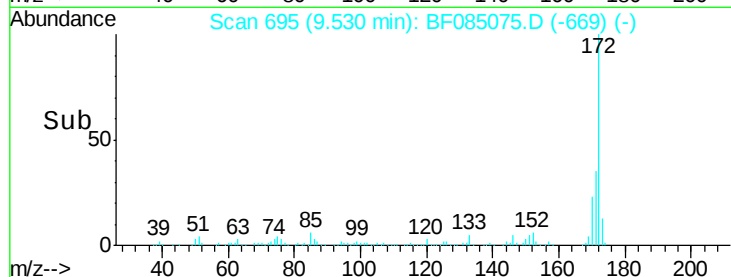
170 22.7 19.6 29.4



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: 10.06 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085075.D

Acq: 13 Feb 2016 9:41

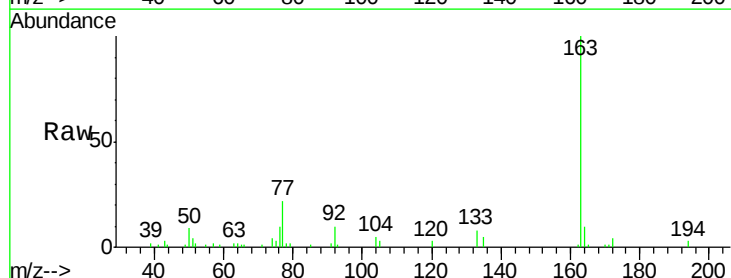
Tgt Ion:163 Resp: 204828

Ion Ratio Lower Upper

163 100

194 2.9 2.5 3.7

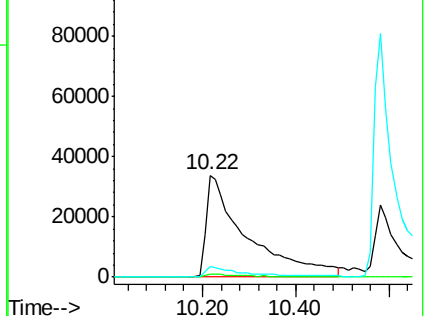
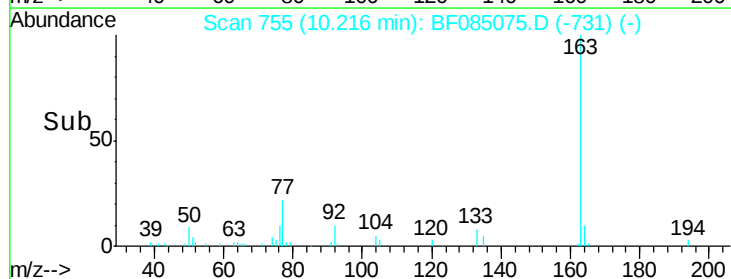
164 10.5 7.8 11.8

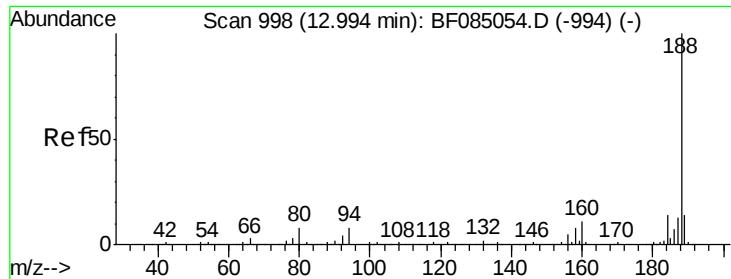


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

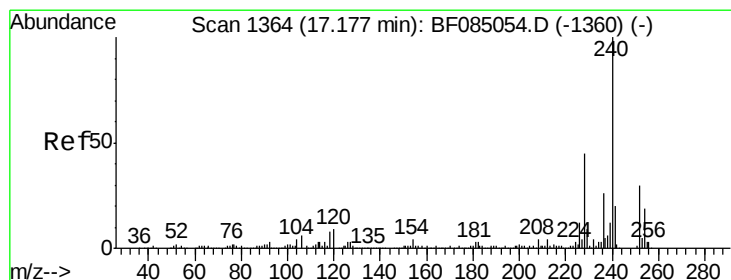
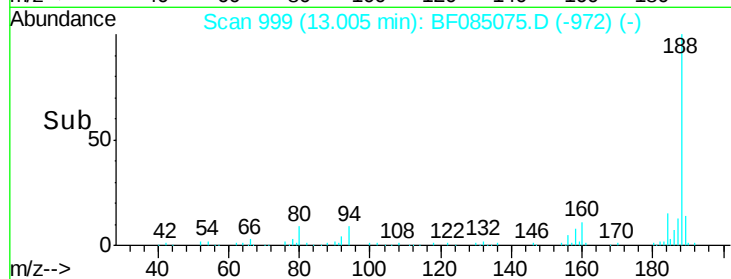
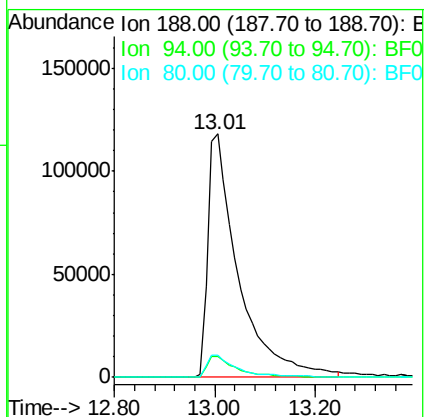
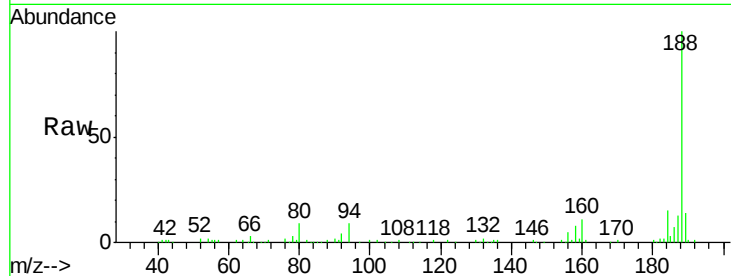




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.01 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF085075.D
Acq: 13 Feb 2016 9:41

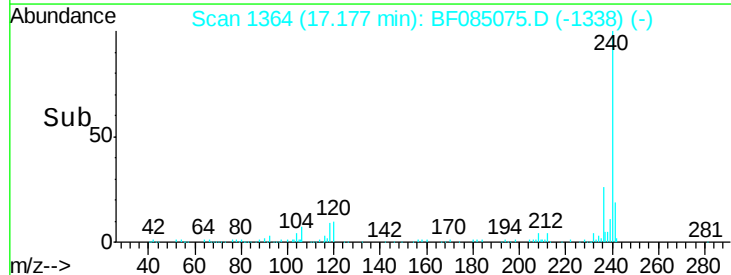
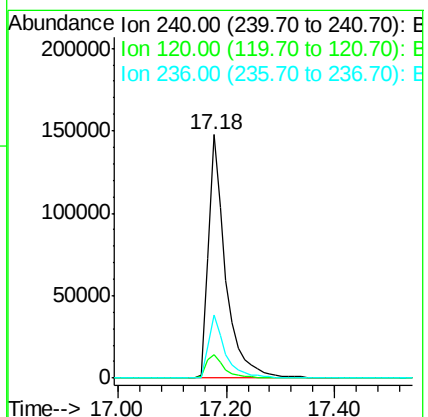
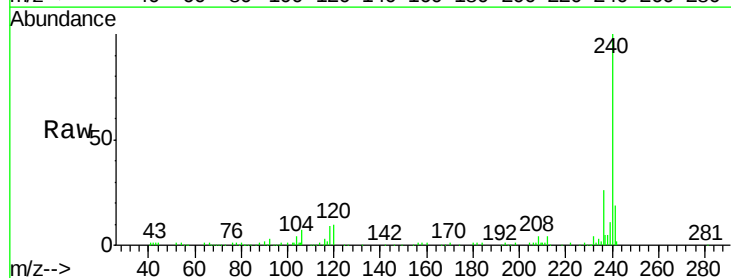
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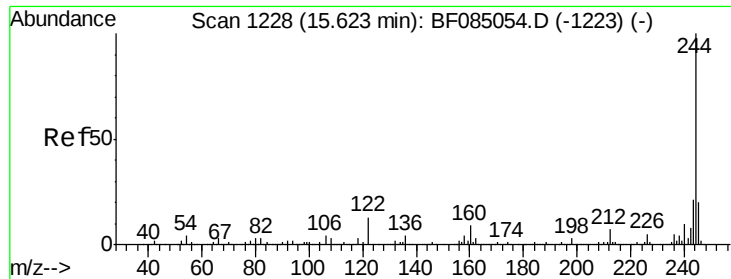
Tgt Ion:188 Resp: 499442
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 8.9 6.6 9.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF085075.D
Acq: 13 Feb 2016 9:41

Tgt Ion:240 Resp: 325935
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.1 20.5 30.7

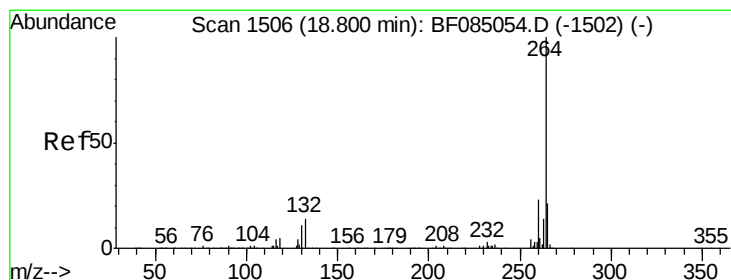
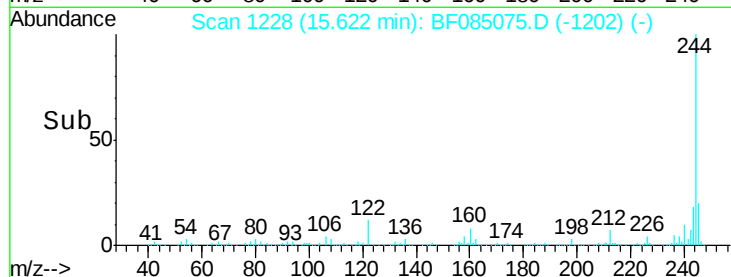
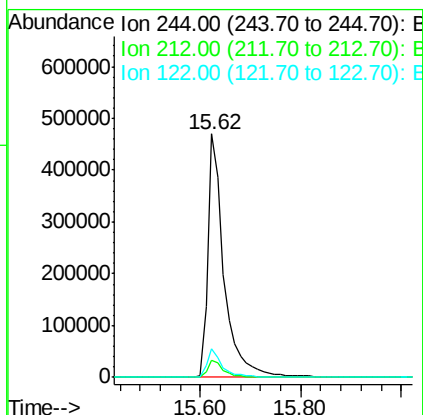
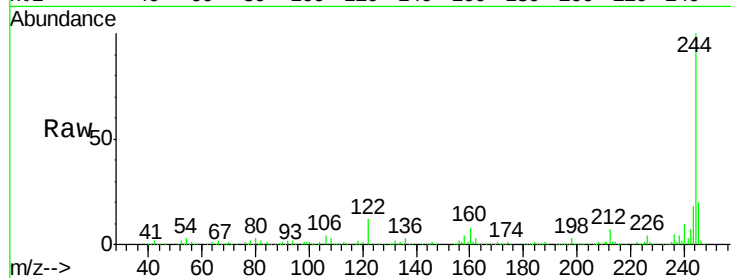




#78
 Terphenyl-d14
 Concen: 66.24 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF085075.D
 Acq: 13 Feb 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(0-2)

Tgt Ion:244 Resp: 1049011
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.9 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.80 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF085075.D
 Acq: 13 Feb 2016 9:41

Tgt Ion:264 Resp: 258927
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.7 16.7 25.1

