

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083955.D
 Acq On : 19 Dec 2015 15:34
 Operator : UM/SJ
 Sample : PB87359TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

Quant Time: Dec 21 00:45:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

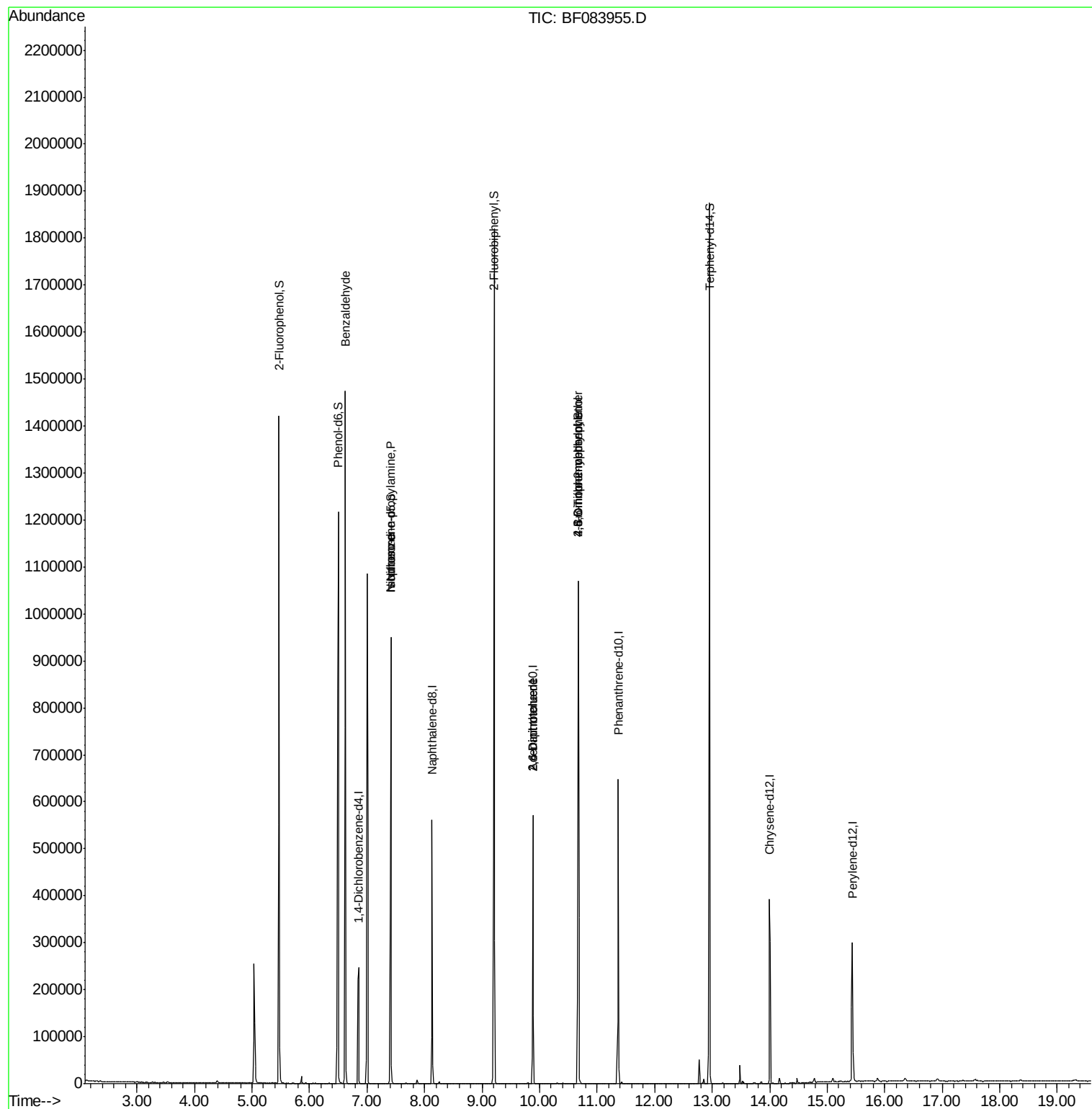
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55150	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	246924	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	115421	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	225690	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	183956	20.00	ng	-0.03
86) Perylene-d12	15.44	264	138287	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	413065	117.21	ng	-0.01
7) Phenol-d6	6.50	99	556143	128.93	ng	-0.01
23) Nitrobenzene-d5	7.41	82	326084	75.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	141886	111.59	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	608629	72.32	ng	-0.03
78) Terphenyl-d14	12.96	244	685558	87.30	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.62	77	10373	3.99	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.41	70	45088	17.93	ng	# 77
25) Isophorone	7.41	82	237943	29.23	ng	# 66
31) Naphthalene	8.26	128	345	Below Cal	#	1
45) 1,1'-Biphenyl	9.21	154	1184	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.88	165	14583	6.90	ng	# 35
56) 2,4-Dinitrotoluene	9.88	165	14584	5.39	ng	# 20
57) Fluorene	10.67	166	5370	Below Cal	#	85
64) 4,6-Dinitro-2-methylphenol	10.67	198	228	4.08	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	9411	3.41	ng	# 1
77) Pyrene	12.96	202	2523	Below Cal	#	64

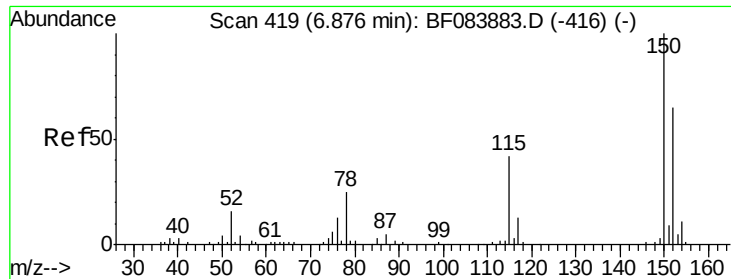
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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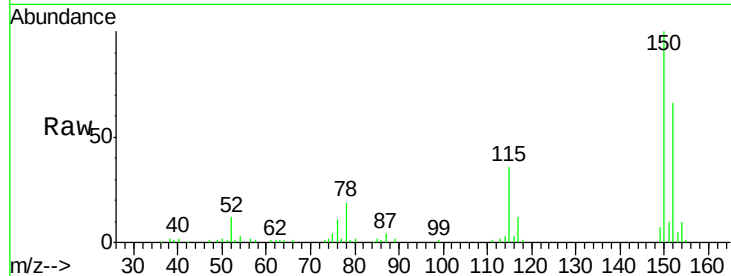




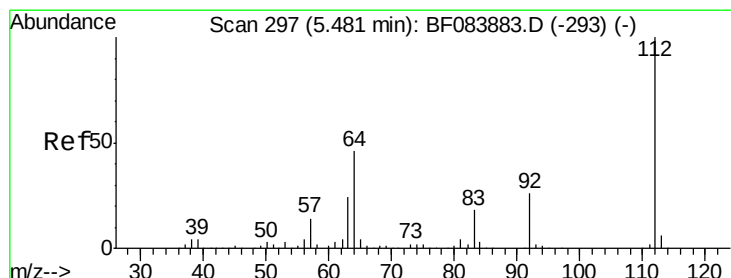
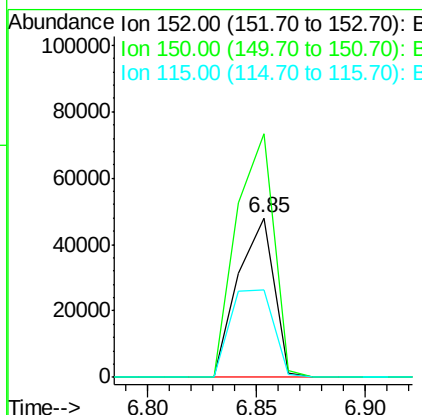
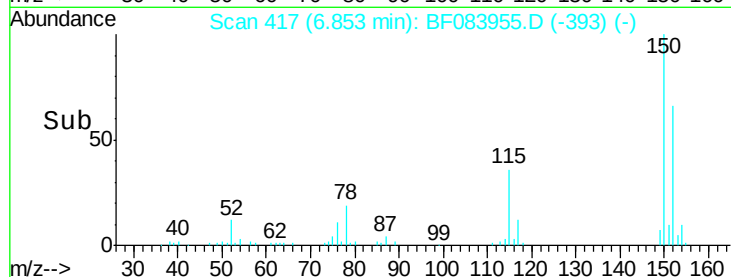
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

Tgt Ion:152 Resp: 55150
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.0 184.4
 115 54.7 51.4 77.2

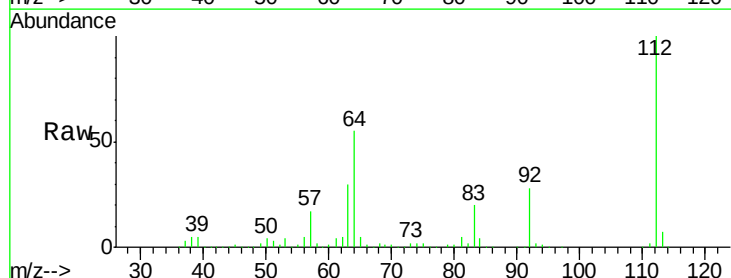


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

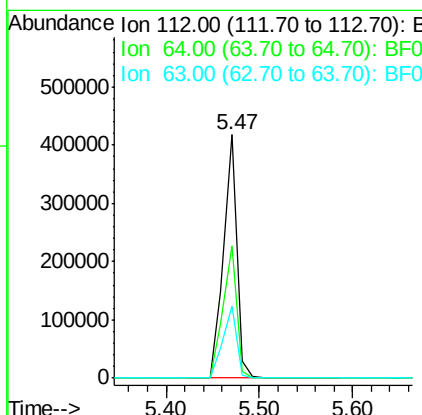
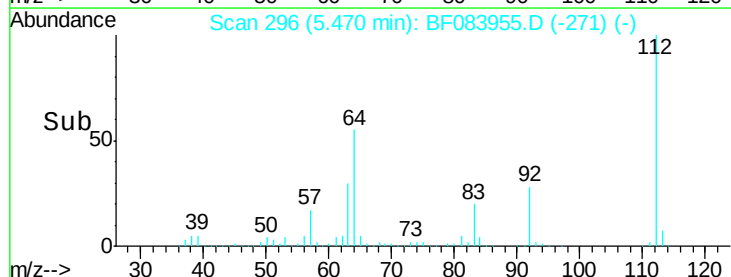


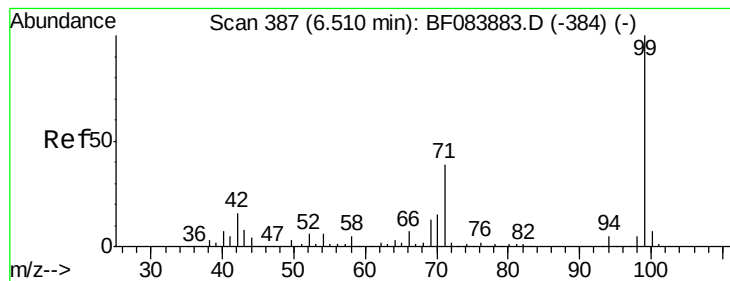
#5
 2-Fluorophenol
 Concen: 117.21 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Tgt Ion:112 Resp: 413065
 Ion Ratio Lower Upper
 112 100
 64 54.6 36.6 55.0
 63 29.6 19.4 29.0#



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: 128.93 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

Instrument :

BNA_F

ClientSampleId :

PB87359TB

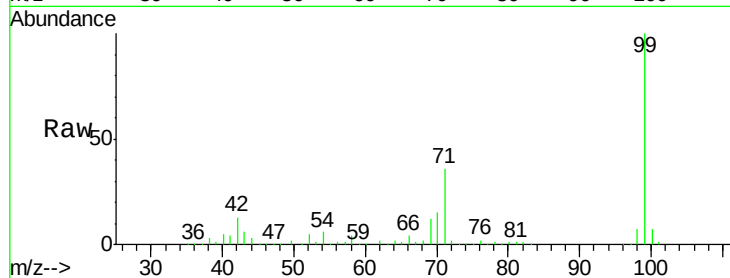
Tgt Ion: 99 Resp: 556143

Ion Ratio Lower Upper

99 100

42 13.3 12.8 19.2

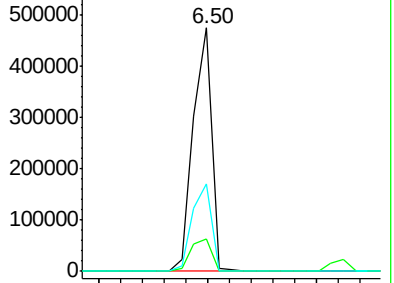
71 36.0 30.9 46.3



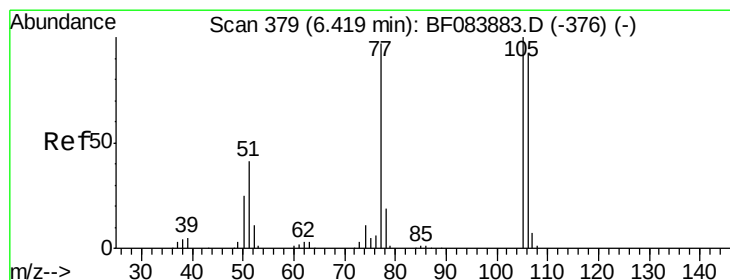
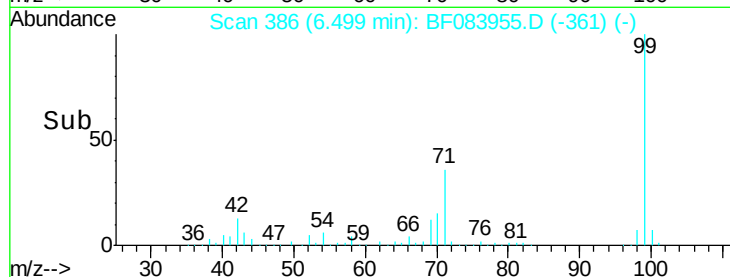
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 3.99 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

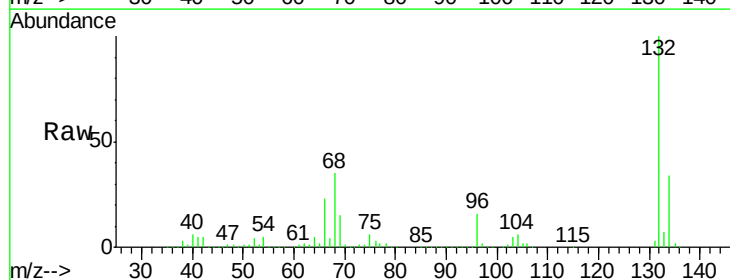
Tgt Ion: 77 Resp: 10373

Ion Ratio Lower Upper

77 100

105 90.5 83.0 123.0

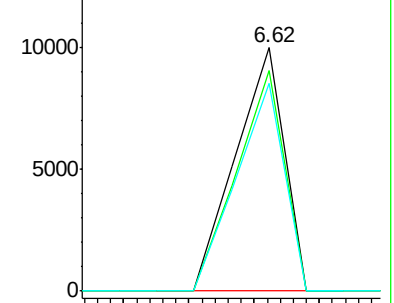
106 85.6 74.6 114.6



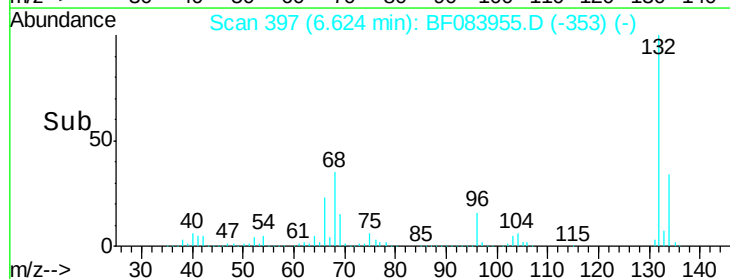
Abundance Ion 77.00 (76.70 to 77.70): BF0

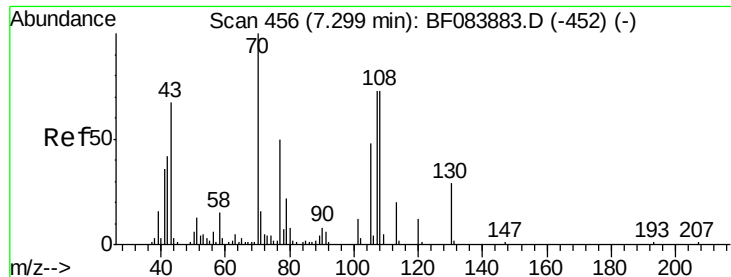
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 17.93 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

Instrument :

BNA_F

ClientSampleId :

PB87359TB

Tgt Ion: 70 Resp: 45088

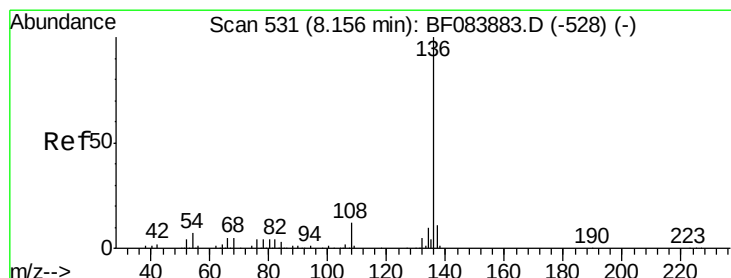
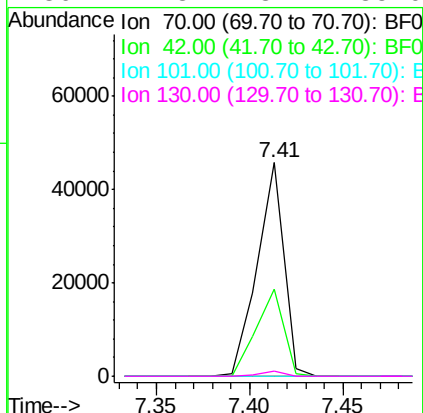
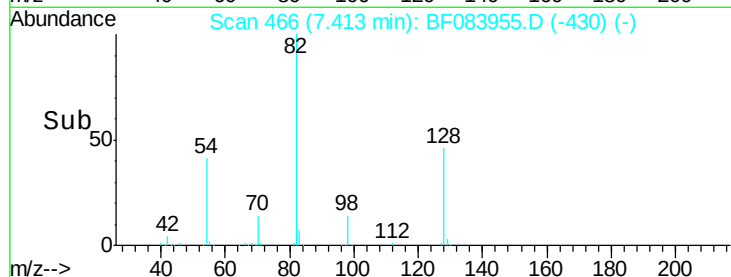
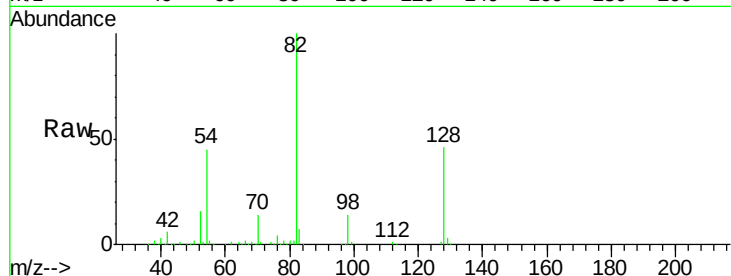
Ion Ratio Lower Upper

70 100

42 40.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

Tgt Ion: 136 Resp: 246924

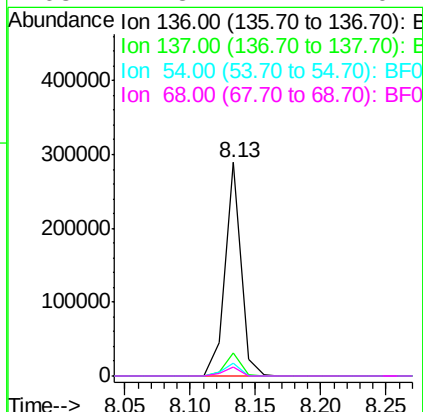
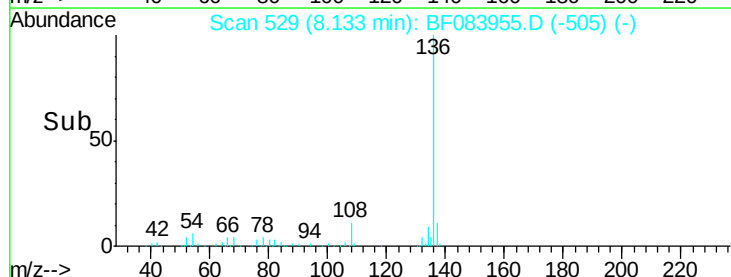
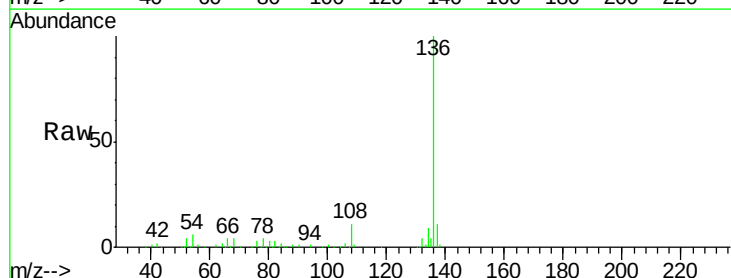
Ion Ratio Lower Upper

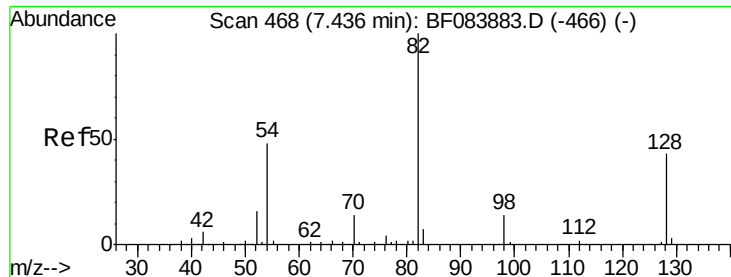
136 100

137 10.8 8.7 13.1

54 5.7 5.8 8.8#

68 4.3 4.2 6.2

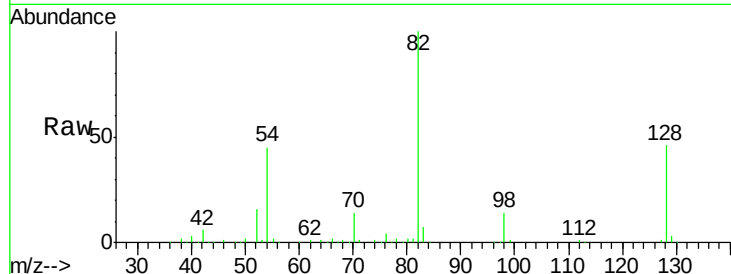




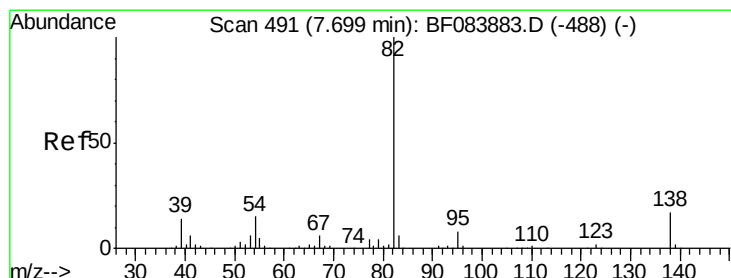
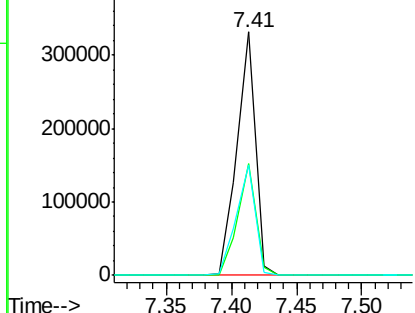
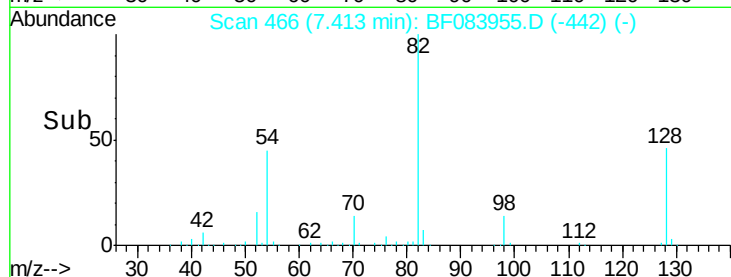
#23
 Nitrobenzene-d5
 Concen: 75.37 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

Tgt Ion: 82 Resp: 326084
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.6 51.8
 54 45.5 38.4 57.6

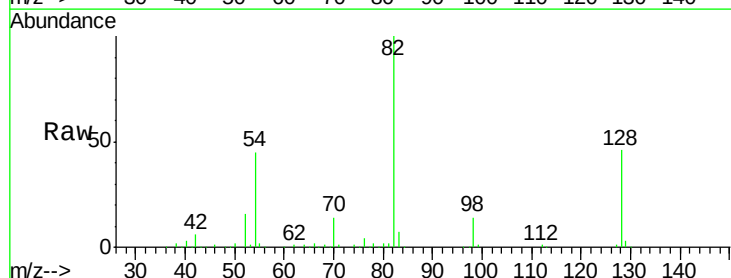


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

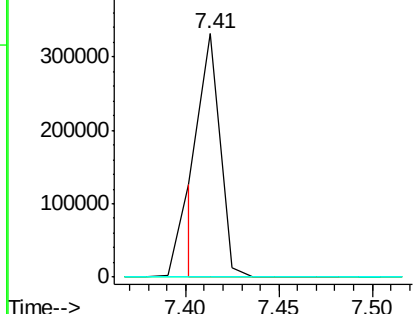
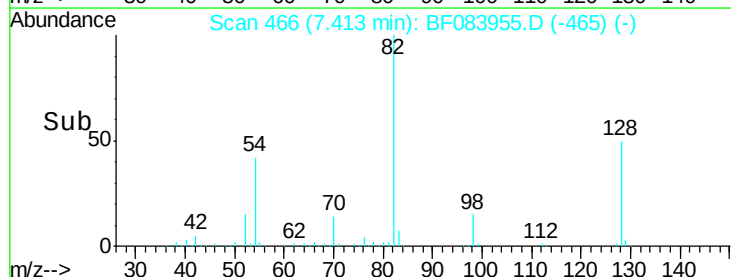


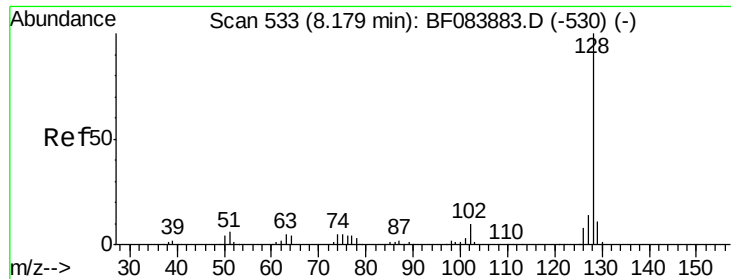
#25
 Isophorone
 Concen: 29.23 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.29 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Tgt Ion: 82 Resp: 237943
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

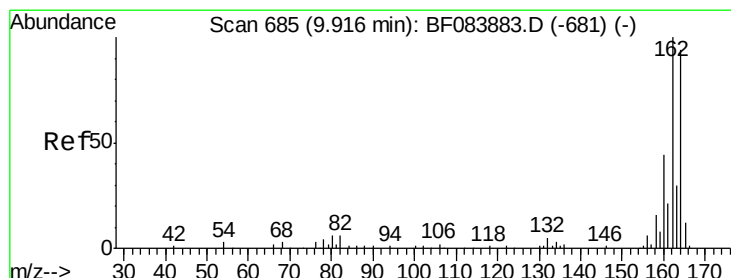
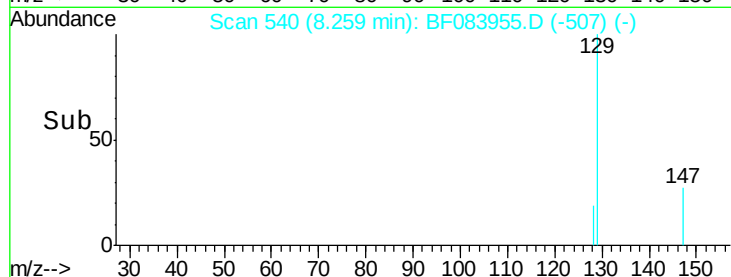
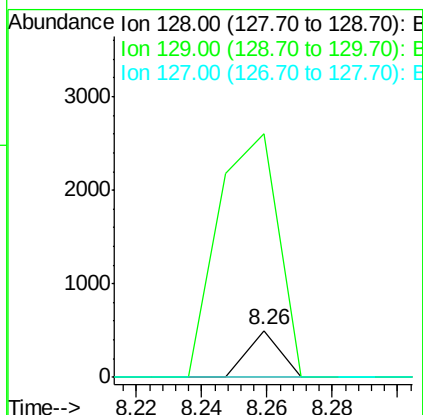
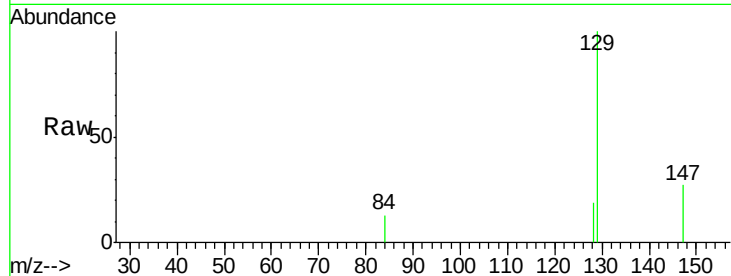




#31
Naphthalene
Concen: Below Cal
RT: 8.26 min Scan# 540
Delta R.T. 0.08 min
Lab File: BF083955.D
Acq: 19 Dec 2015 15:34

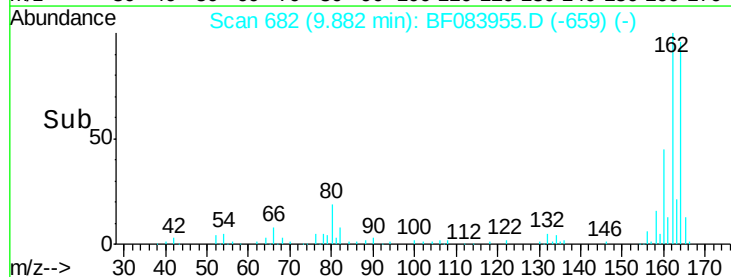
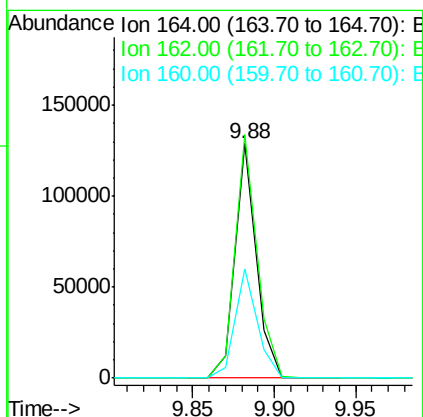
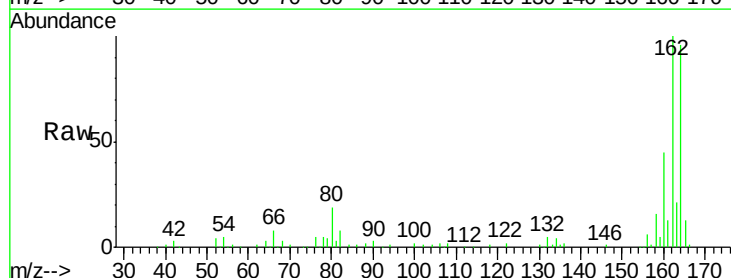
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BNA_F
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PB87359TB

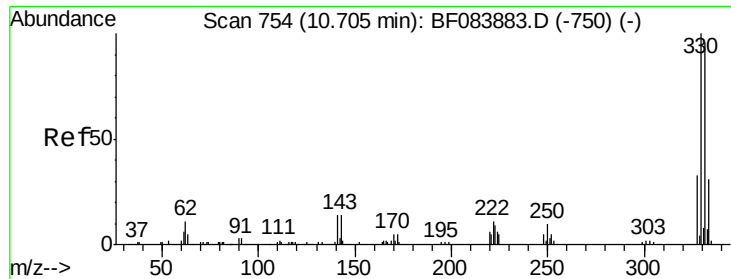
Tgt Ion:128 Resp: 345
Ion Ratio Lower Upper
128 100
129 517.5 9.1 13.7#
127 0.0 11.1 16.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083955.D
Acq: 19 Dec 2015 15:34

Tgt Ion:164 Resp: 115421
Ion Ratio Lower Upper
164 100
162 103.9 85.1 127.7
160 46.7 37.5 56.3

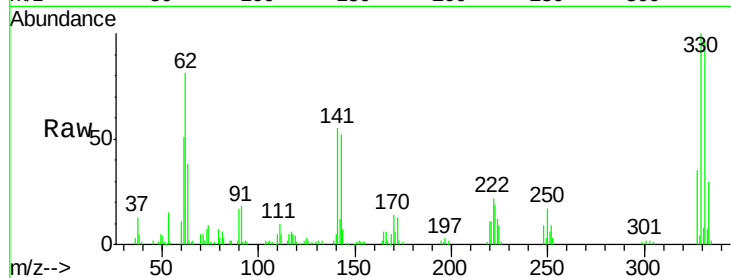




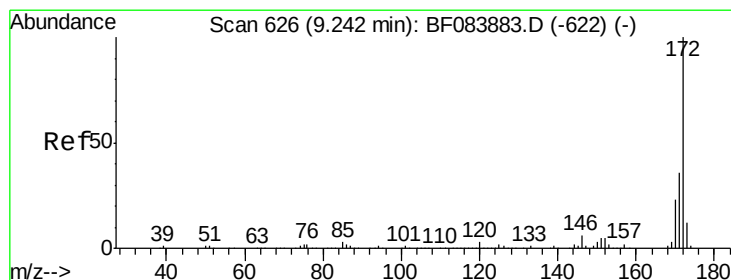
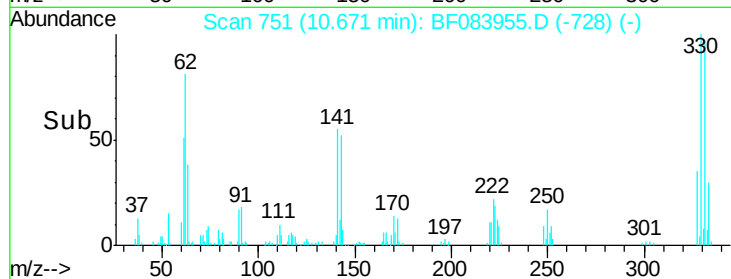
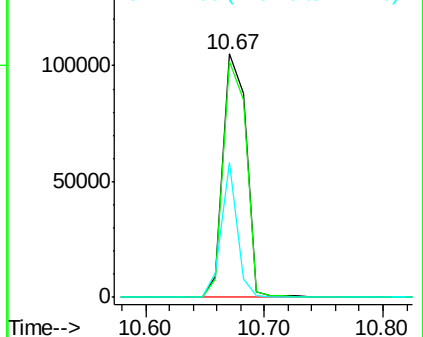
#41
 2,4,6-Tribromophenol
 Concen: 111.59 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

Tgt Ion:330 Resp: 141886
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 37.5 27.8 41.6

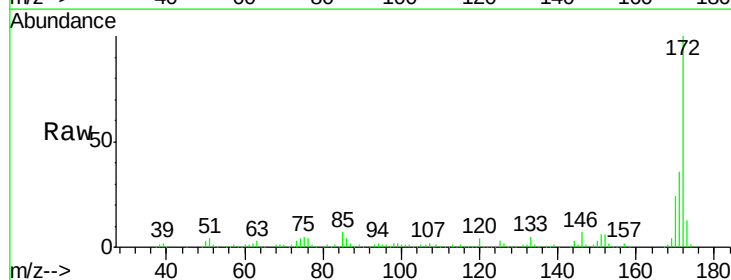


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

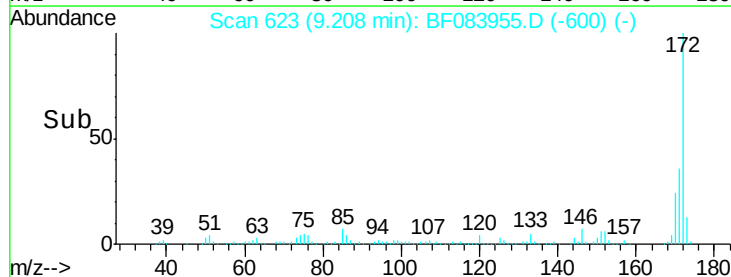
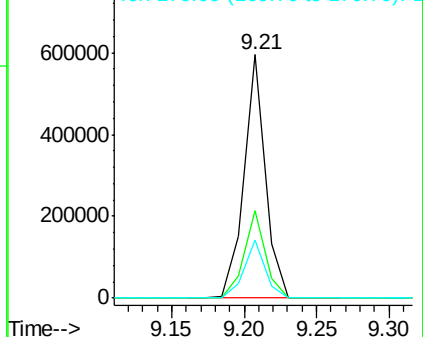


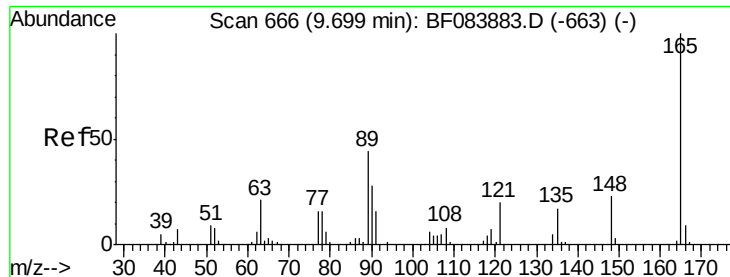
#44
 2-Fluorobiphenyl
 Concen: 72.32 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Tgt Ion:172 Resp: 608629
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.8 18.6 27.8



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

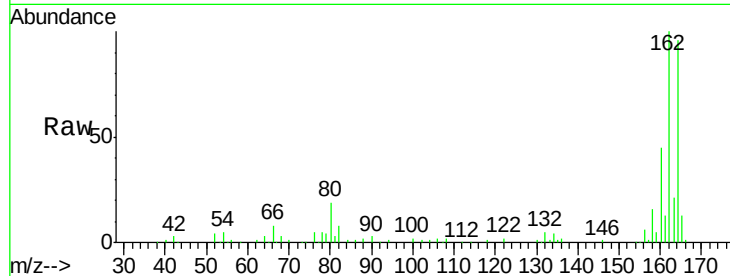




#50
 2,6-Dinitrotoluene
 Concen: 6.90 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.18 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

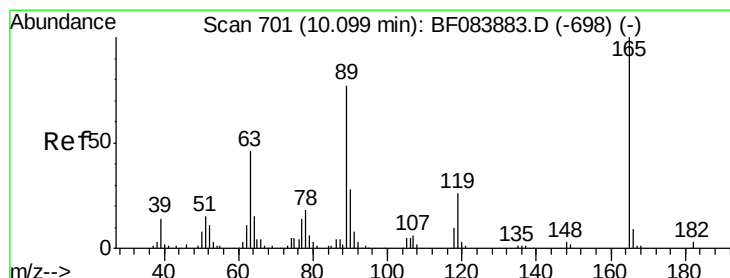
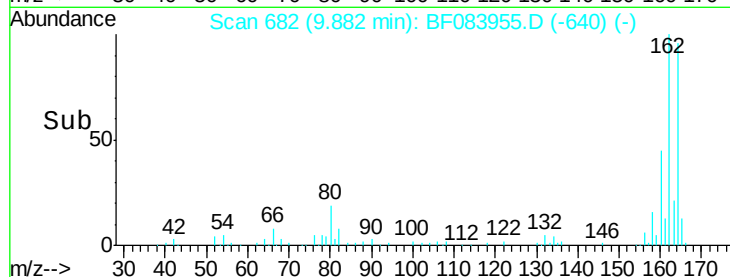
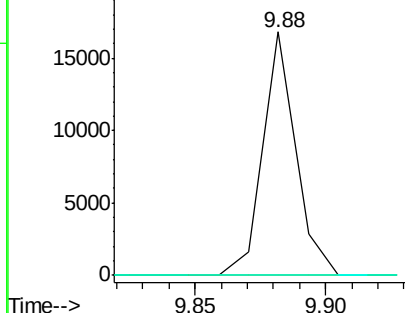
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.39 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

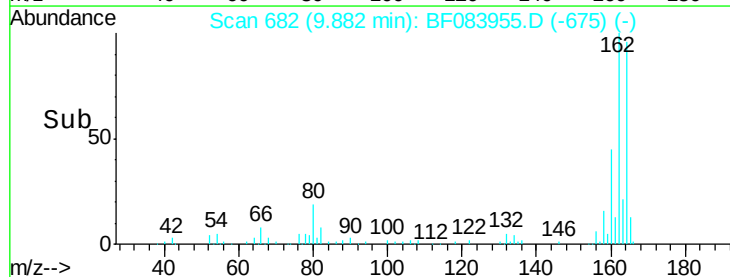
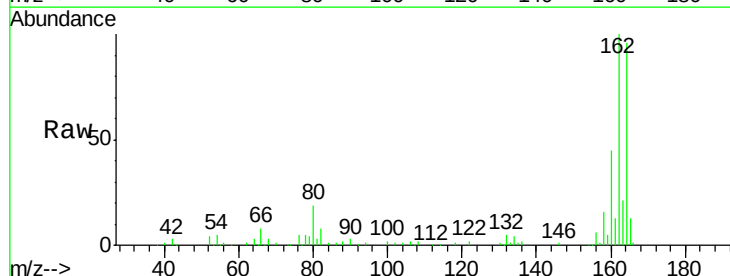
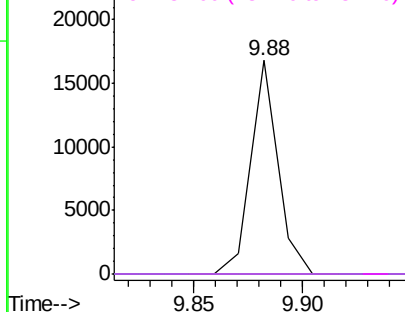
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

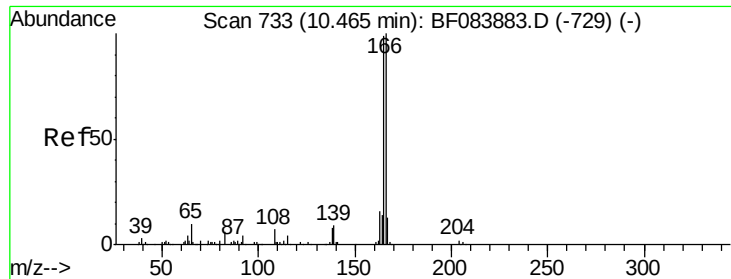
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

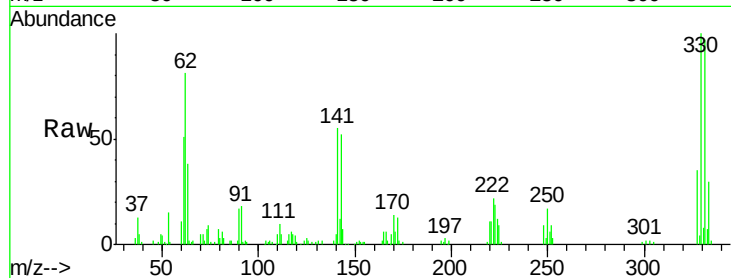




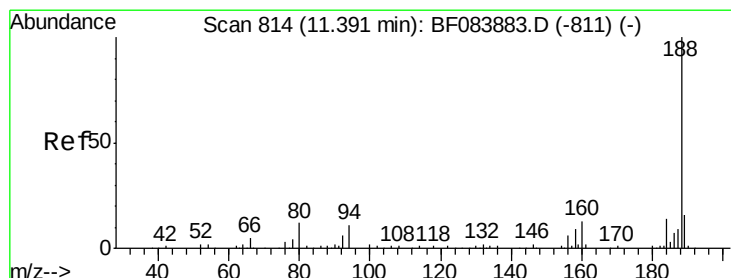
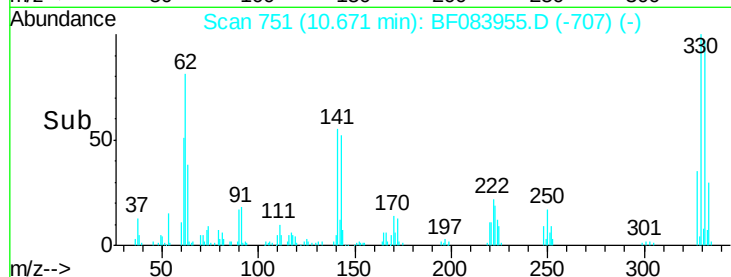
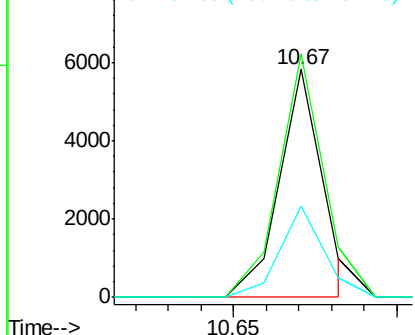
#57
 Fluorene
 Concen: Below Cal
 RT: 10.67 min Scan# 751
 Delta R.T. 0.21 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

Tgt Ion:166 Resp: 5370
 Ion Ratio Lower Upper
 166 100
 165 106.8 79.1 118.7
 167 39.9 10.4 15.6#

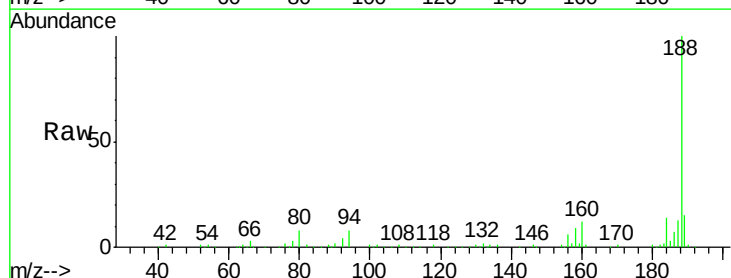


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

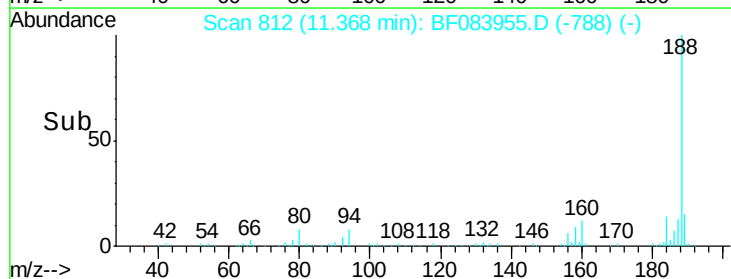
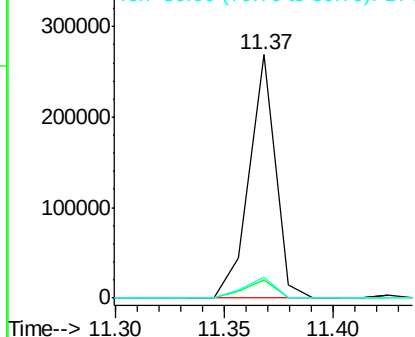


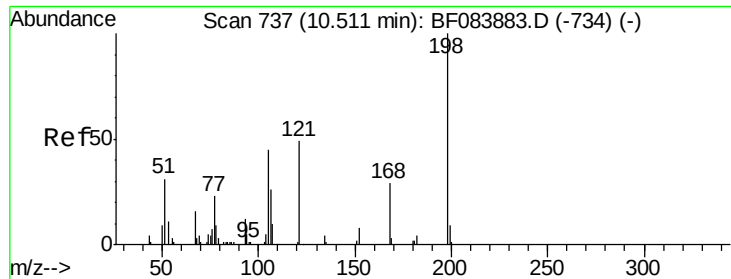
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Tgt Ion:188 Resp: 225690
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.0 13.4#
 80 8.4 9.6 14.4#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 4.08 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.16 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

Instrument :

BNA_F

ClientSampled :

PB87359TB

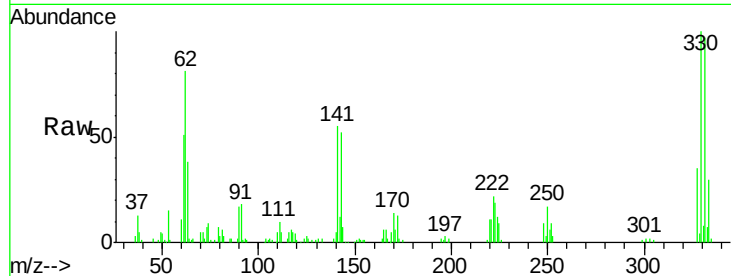
Tgt Ion:198 Resp: 228

Ion Ratio Lower Upper

198 100

51 184.4 18.9 58.9#

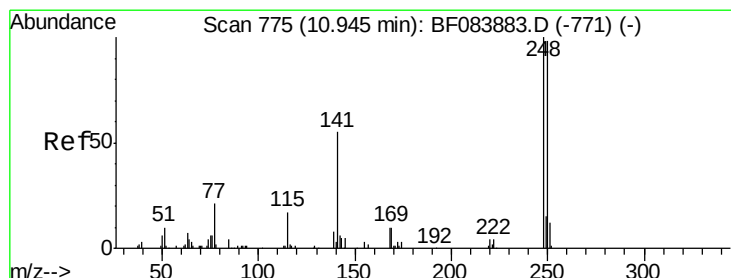
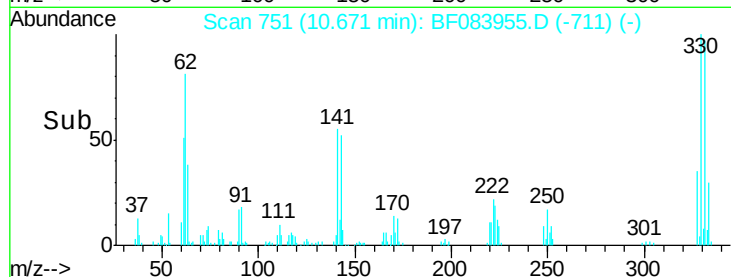
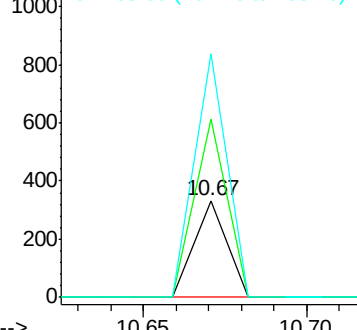
105 251.4 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.41 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.27 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

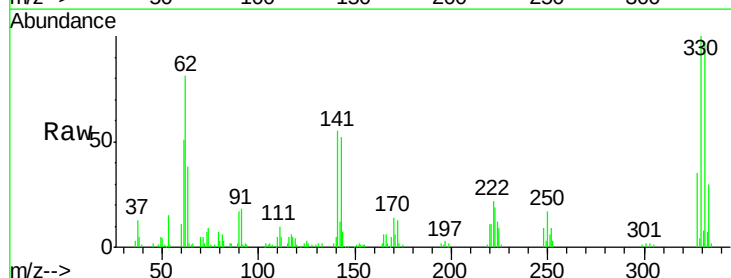
Tgt Ion:248 Resp: 9411

Ion Ratio Lower Upper

248 100

250 196.8 78.4 117.6#

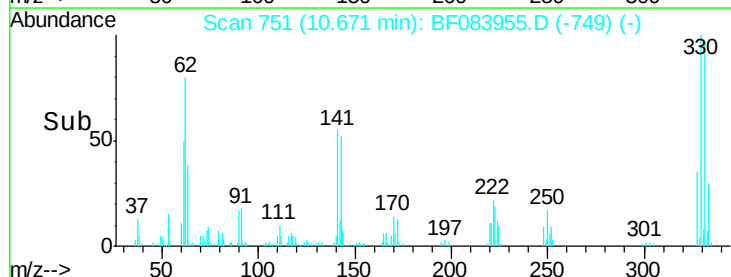
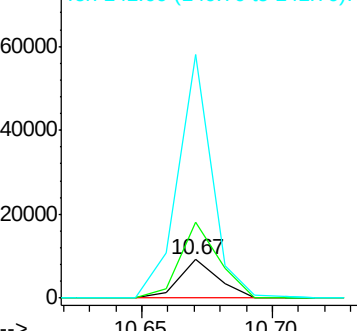
141 634.7 44.0 66.0#

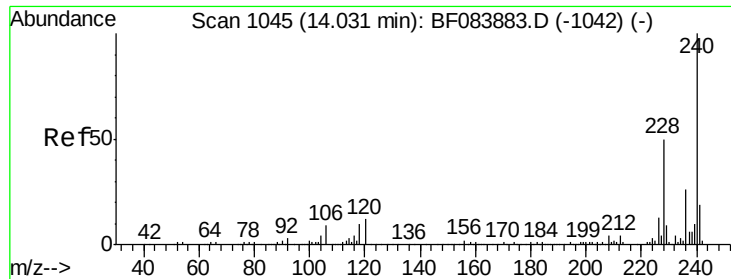


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

Instrument :

BNA_F

ClientSampleId :

PB87359TB

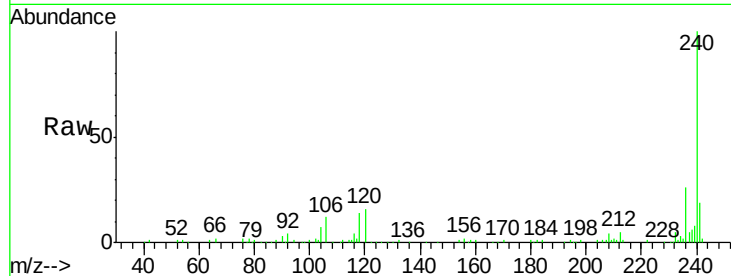
Tgt Ion:240 Resp: 183956

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

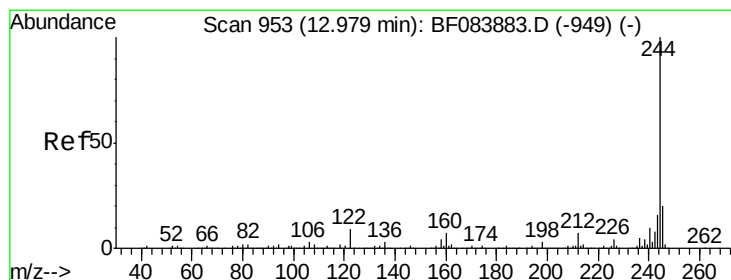
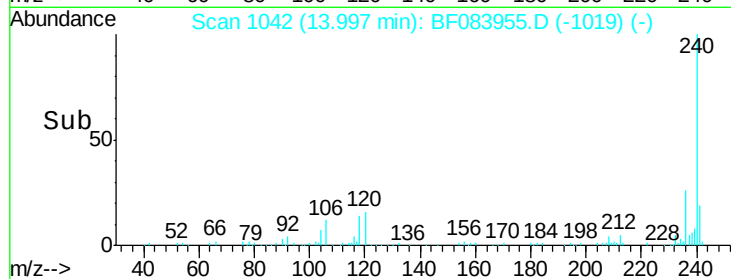
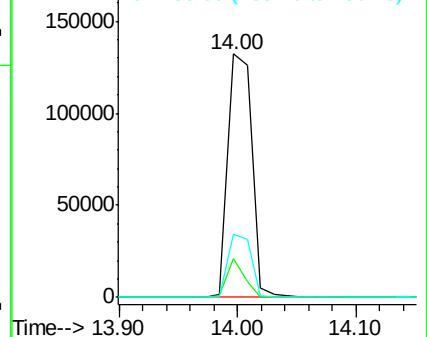
236 25.9 20.6 31.0



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: 87.30 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

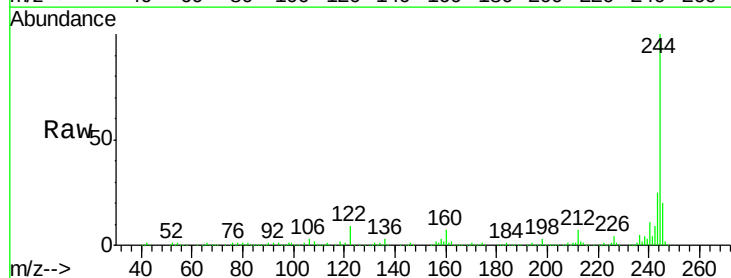
Tgt Ion:244 Resp: 685558

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

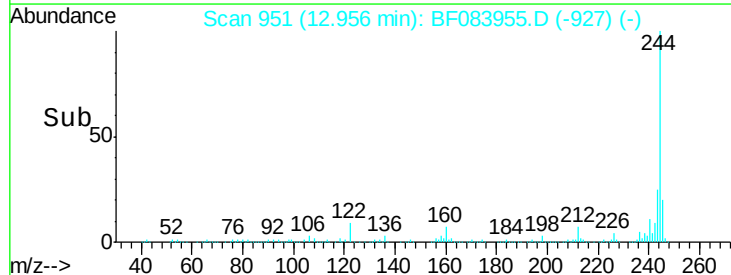
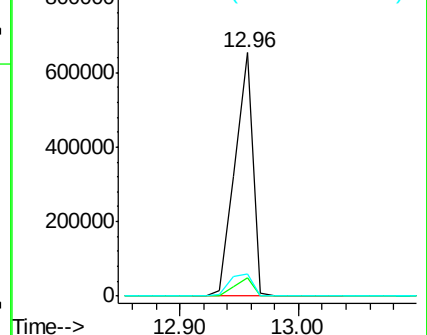
122 8.9 7.4 11.0

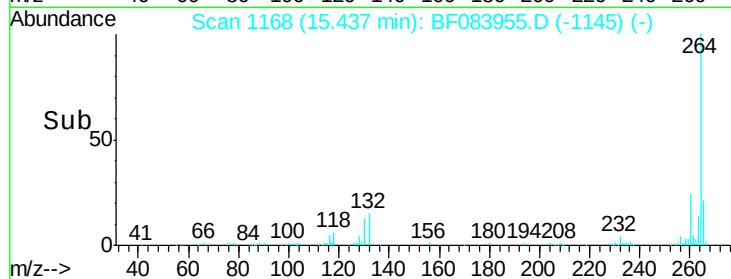
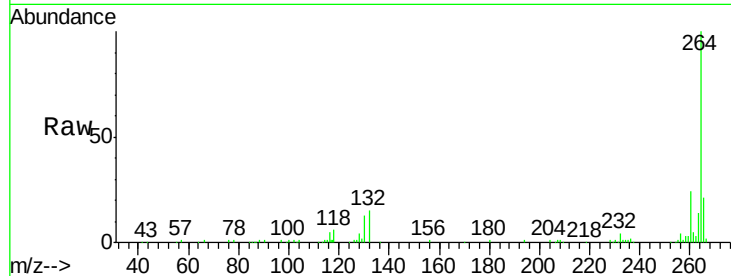
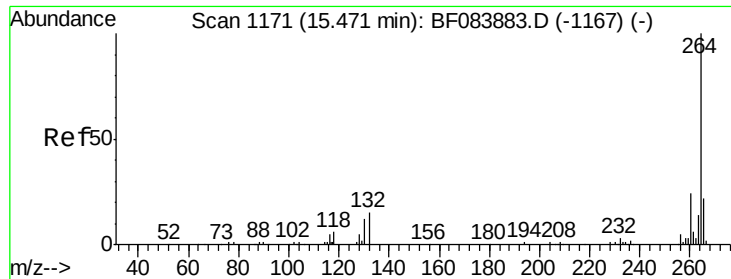


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083955.D
Acq: 19 Dec 2015 15:34

Instrument :
BNA_F
ClientSampleId :
PB87359TB

Tgt Ion:	264	Resp:	138287
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.2	17.8	26.6

