

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100073.D
 Acq On : 2 Nov 2017 4:51
 Operator : SJ/JU
 Sample : I6236-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 05:34:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

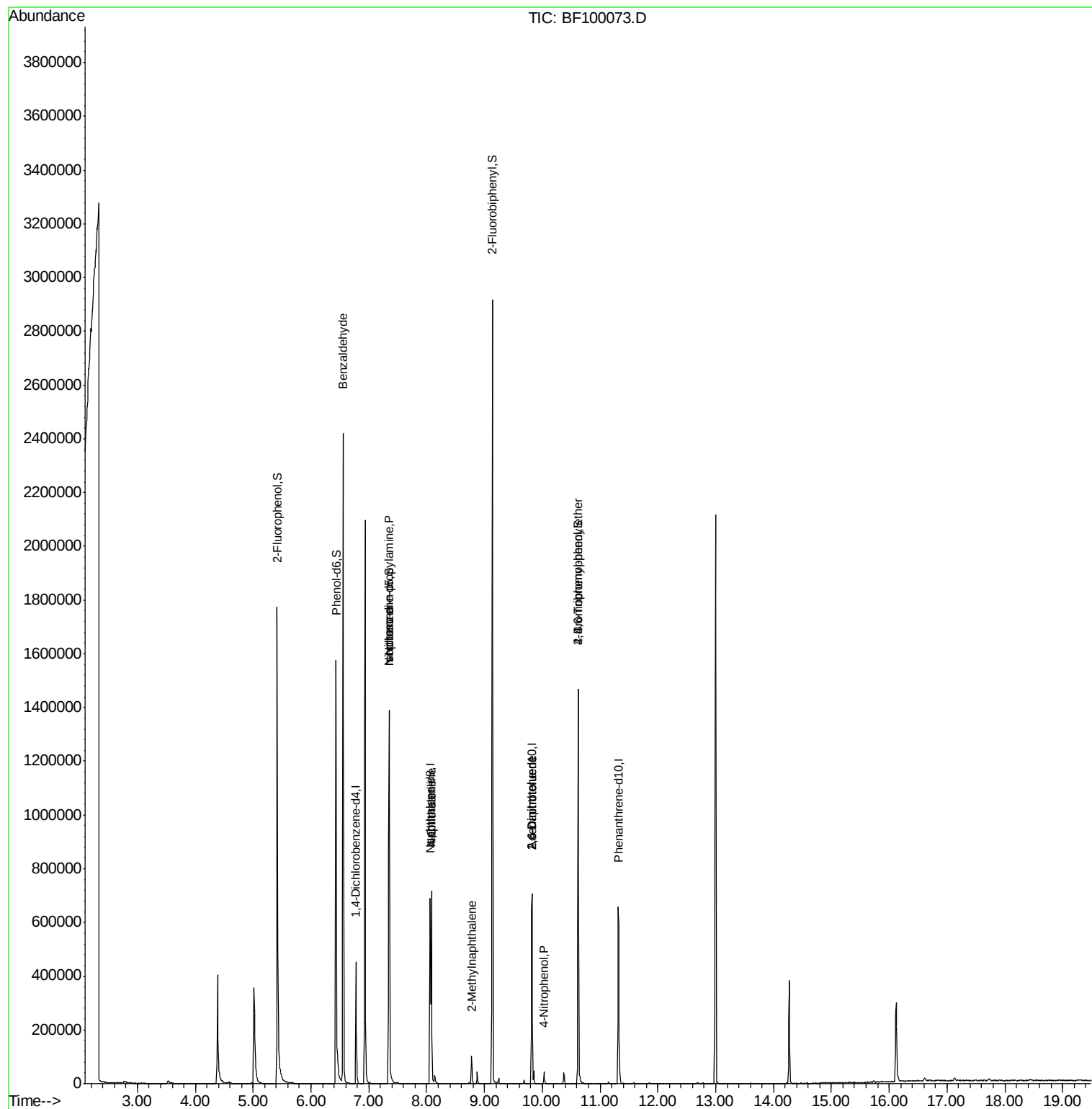
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	81569	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	321945	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	149294	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	248728	20.00	ng	0.00
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	709060	136.47	ng	0.02
7) Phenol-d6	6.43	99	774679	125.75	ng	0.00
23) Nitrobenzene-d5	7.35	82	532833	106.55	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	208279	153.09	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1088832	112.52	ng	0.00
78) Terphenyl-d14	13.00	244	860220	0.00	ng	0.10
Target Compounds						
9) Benzaldehyde	6.56	77	13216	3.590	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	65505	18.144	ng	# 70
25) Isophorone	7.35	82	532833	58.720	ng	# 64
31) Naphthalene	8.08	128	347579	22.366	ng	99
33) 4-Chloroaniline	8.08	127	44291	6.902	ng	# 30
37) 2-Methylnaphthalene	8.78	142	32529	3.123	ng	97
50) 2,6-Dinitrotoluene	9.82	165	18948	7.624	ng	# 24
55) 4-Nitrophenol	10.03	139	7288	4.763	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	18948	6.330	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	13608	5.197	ng	# 1

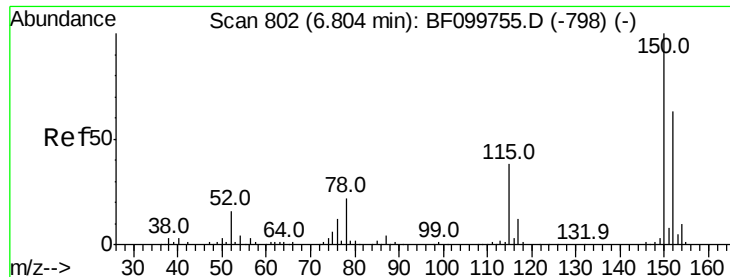
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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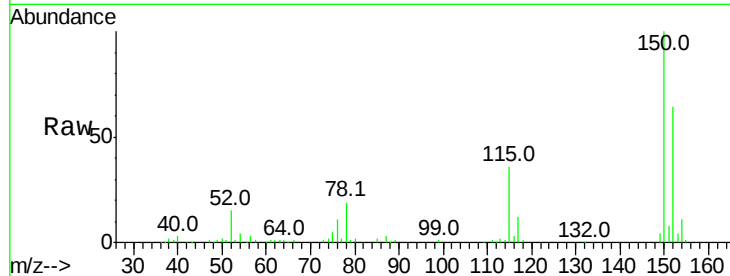


#1

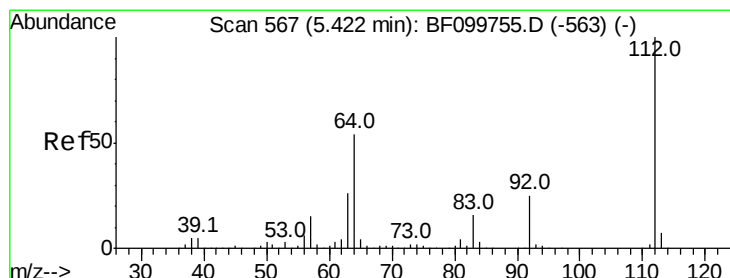
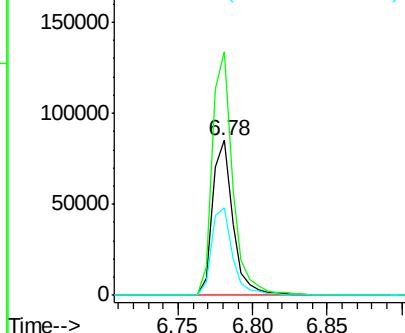
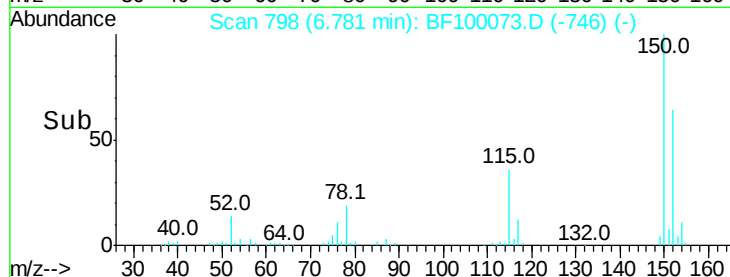
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 81569
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 56.8 50.1 75.1



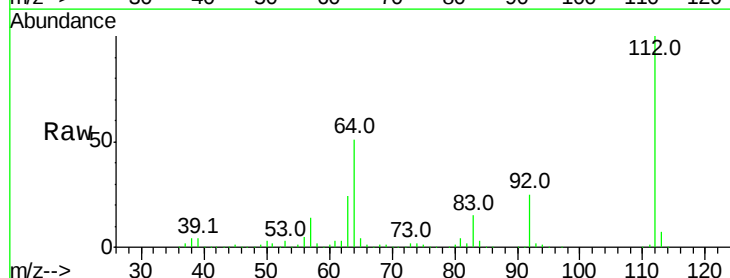
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



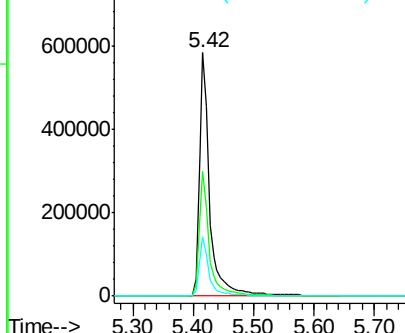
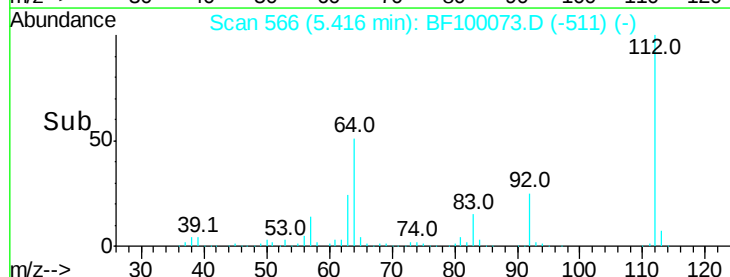
#5

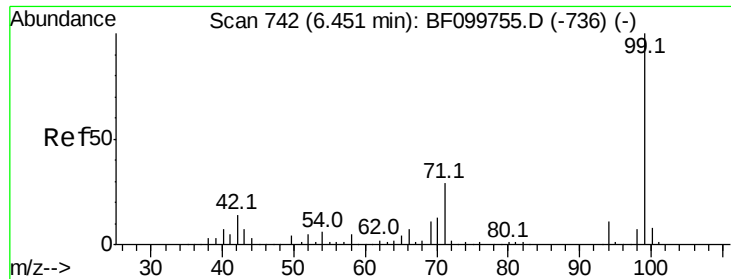
2-Fluorophenol
 Concen: 136.473 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.02 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Tgt Ion:112 Resp: 709060
 Ion Ratio Lower Upper
 112 100
 64 51.4 47.9 71.9
 63 24.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 125.749 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Instrument :

BNA_F

ClientSampleId :

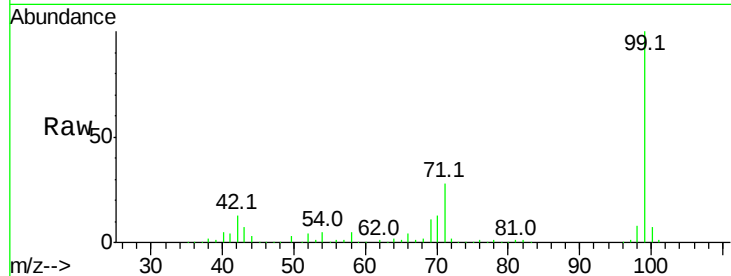
Tot Ion: 99 Resp: 774679

Ion Ratio Lower Upper

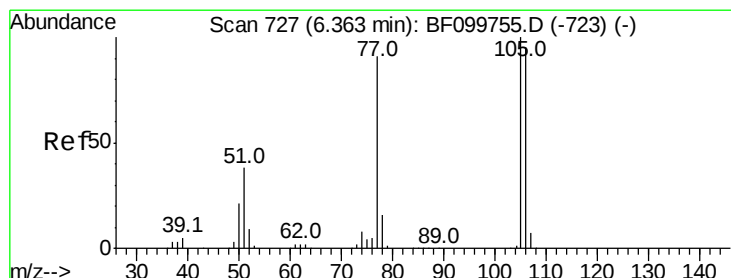
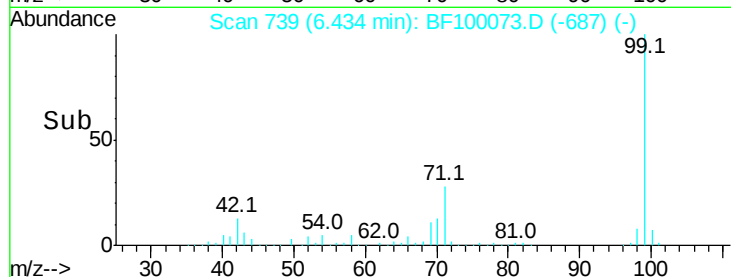
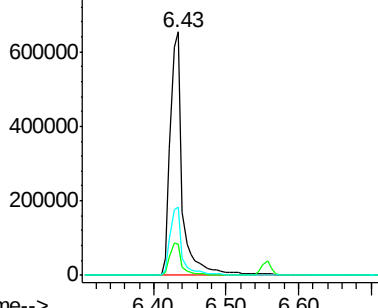
99 100

42 12.7 14.5 21.7#

71 27.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.590 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.22 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

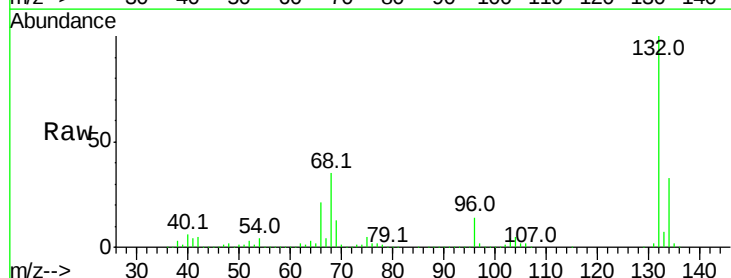
Tgt Ion: 77 Resp: 13216

Ion Ratio Lower Upper

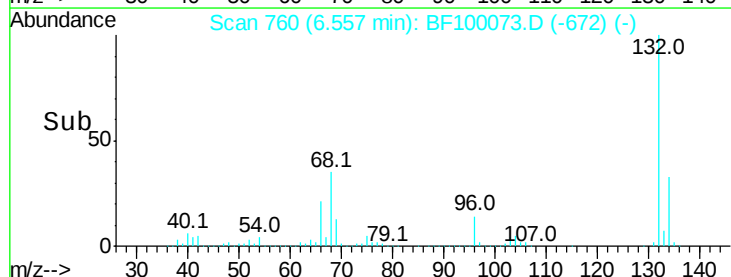
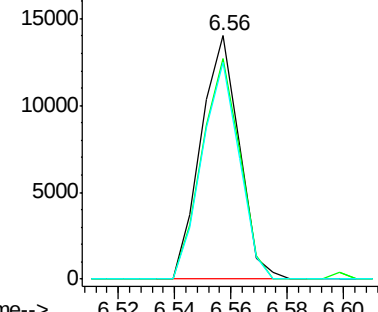
77 100

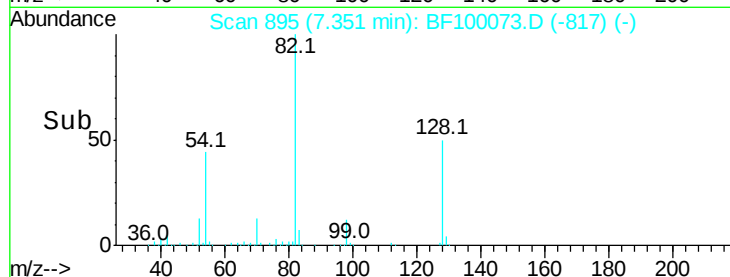
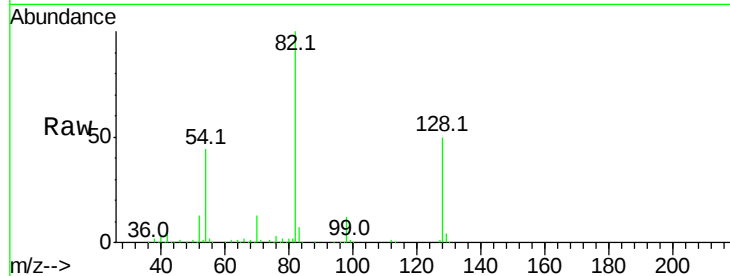
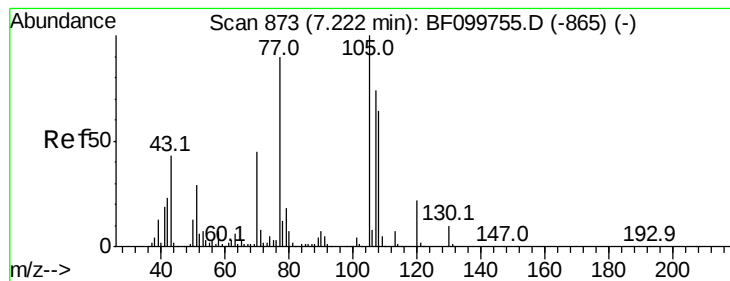
105 90.7 81.1 121.1

106 88.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.144 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 65505

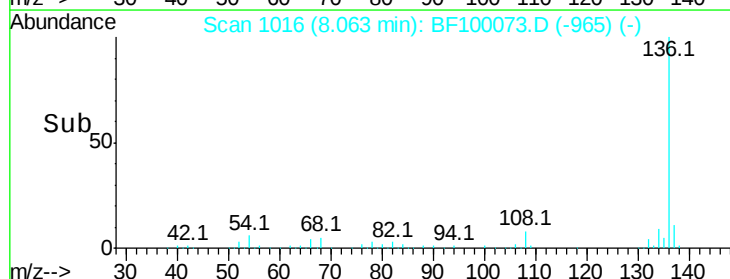
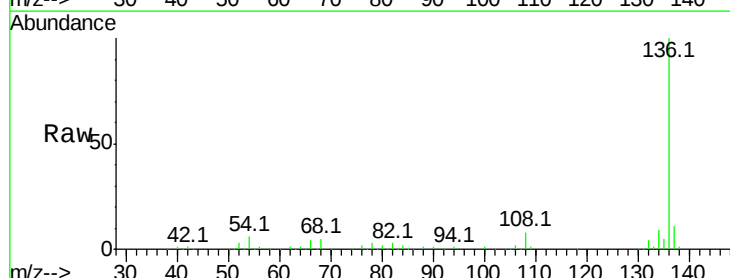
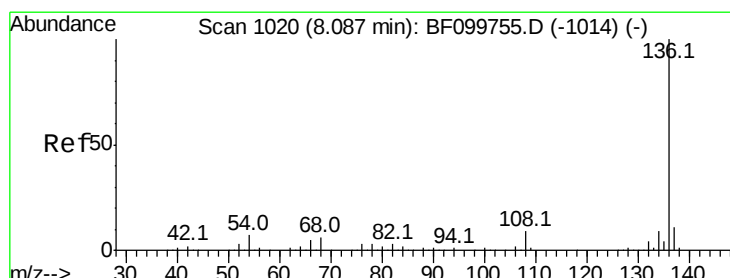
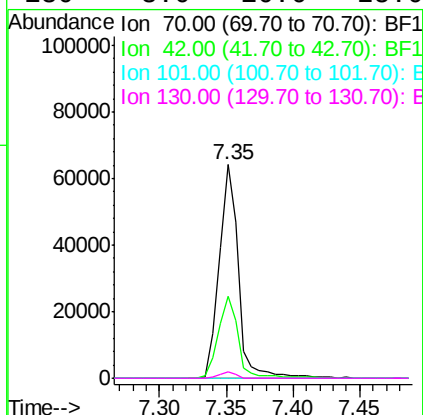
Ion Ratio Lower Upper

70 100

42 38.5 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Tgt Ion: 136 Resp: 321945

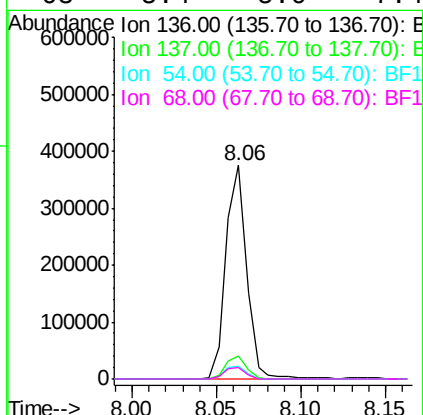
Ion Ratio Lower Upper

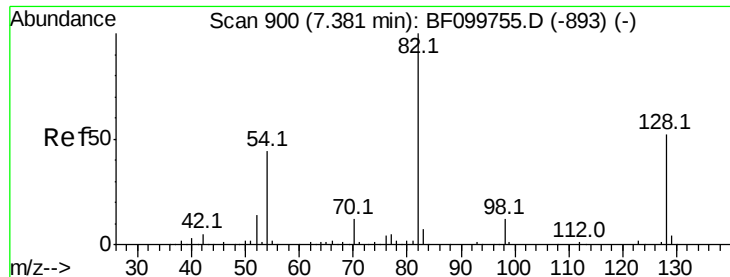
136 100

137 10.6 8.9 13.3

54 6.1 6.6 9.8#

68 5.4 5.0 7.4

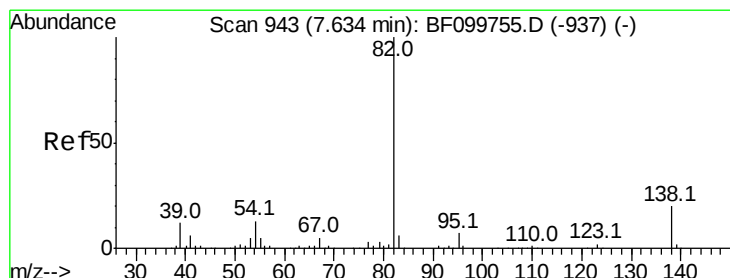
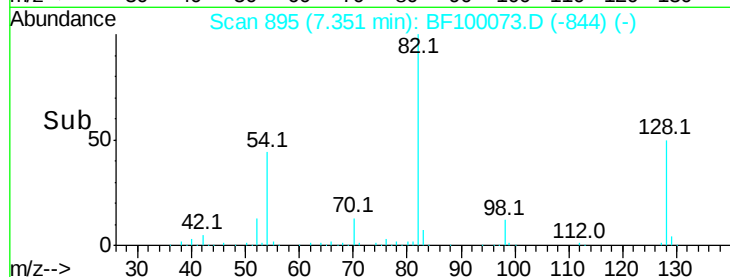
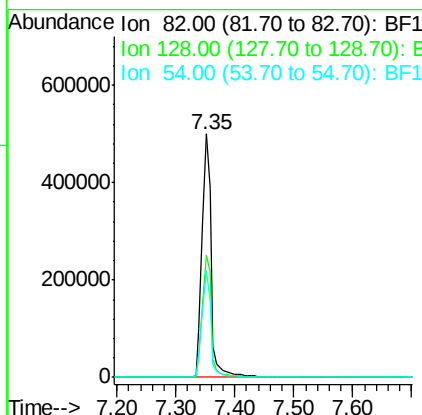
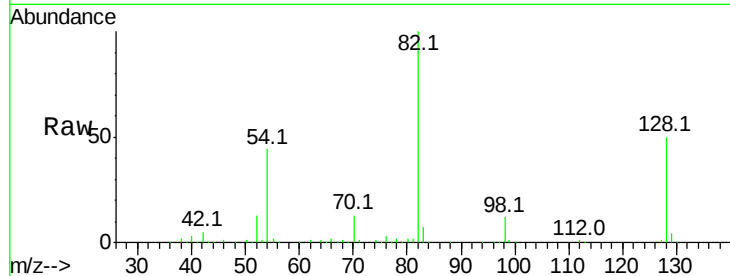




#23
 Nitrobenzene-d5
 Concen: 106.553 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

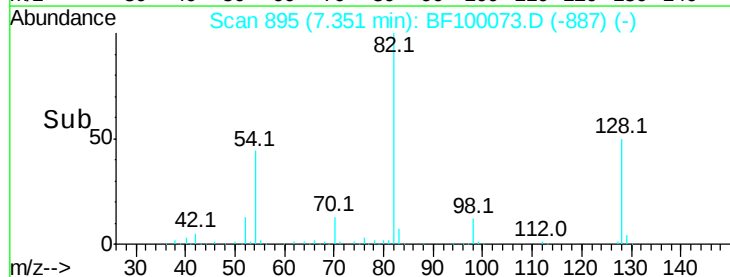
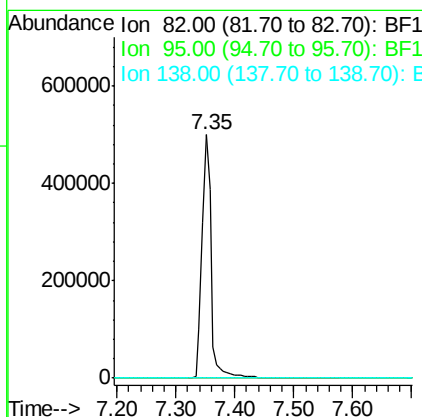
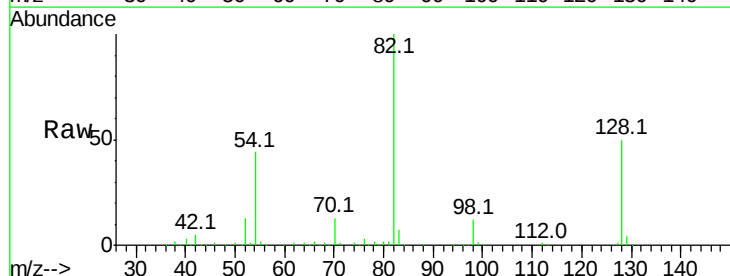
Instrument :
 BNA_F
 ClientSampleId :

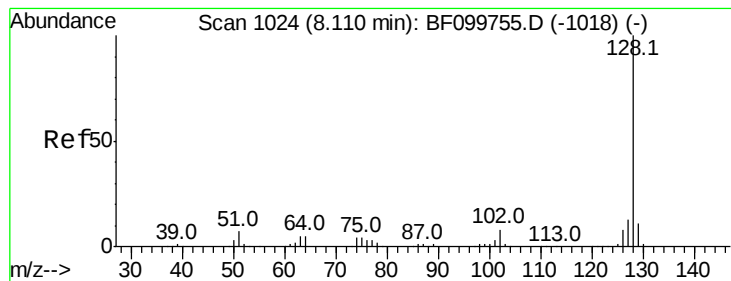
Tot Ion	82	Resp	532833
Ion Ratio	100	Lower	Upper
128	50.3	36.1	54.1
54	43.6	41.4	62.2



#25
 Isophorone
 Concen: 58.720 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.25 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Tgt Ion	82	Resp	532833
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 22.366 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Instrument :

BNA_F

ClientSampleId :

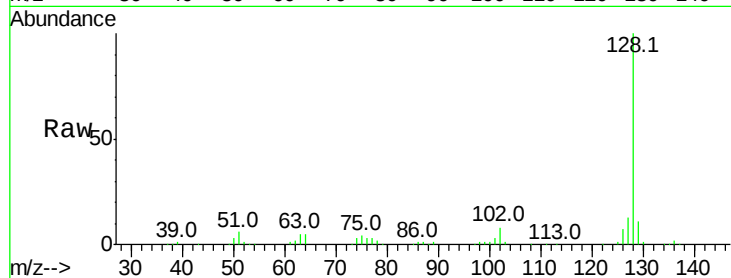
Tot Ion:128 Resp: 347579

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

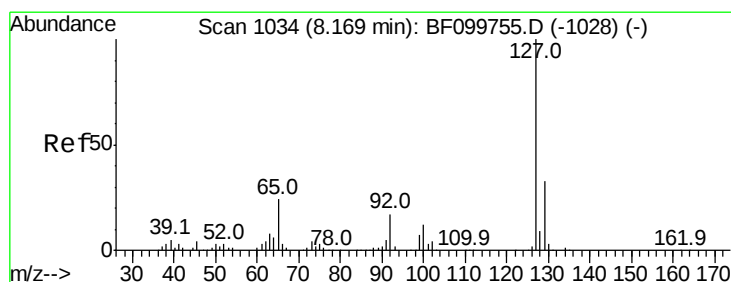
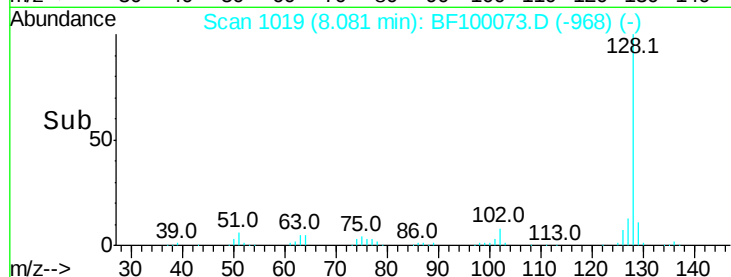
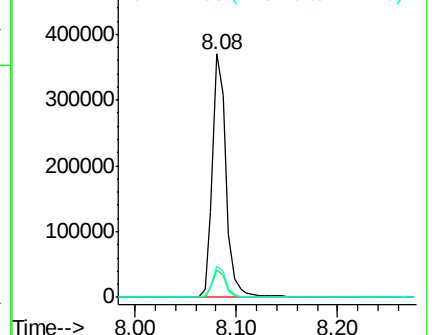
127 12.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 6.902 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.06 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Tgt Ion:127 Resp: 44291

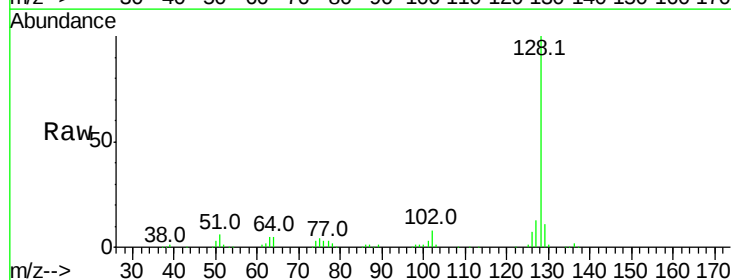
Ion Ratio Lower Upper

127 100

129 87.5 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

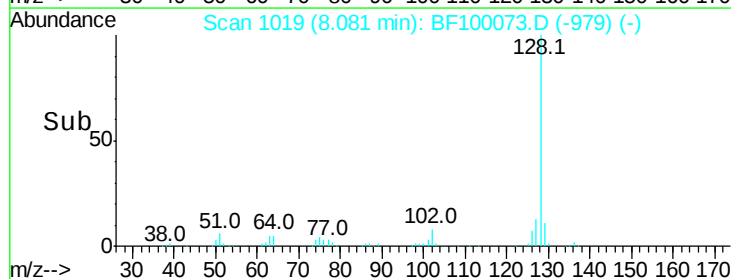
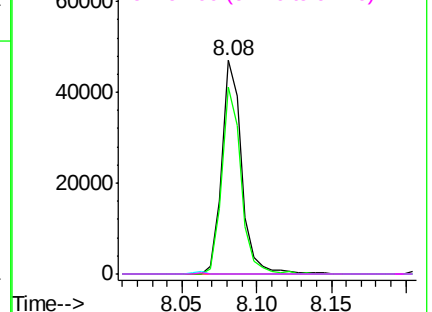


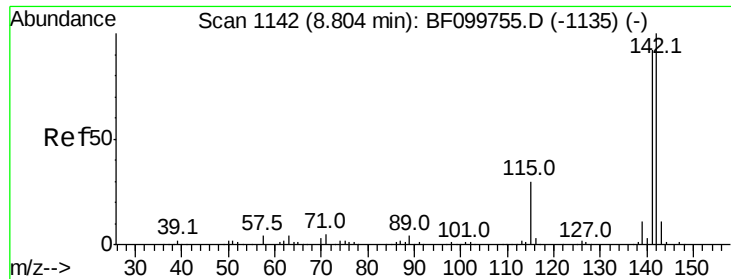
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

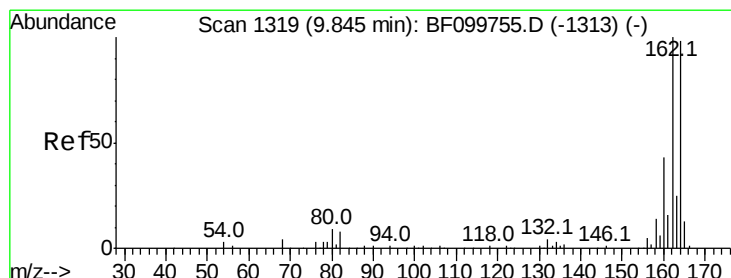
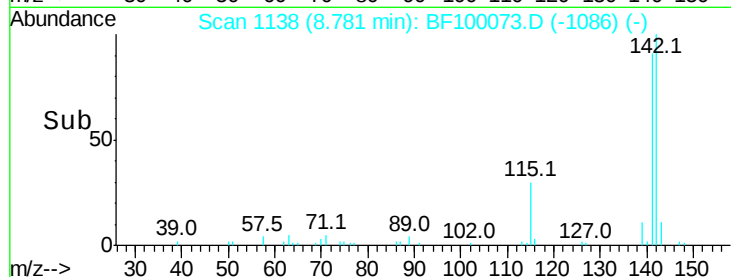
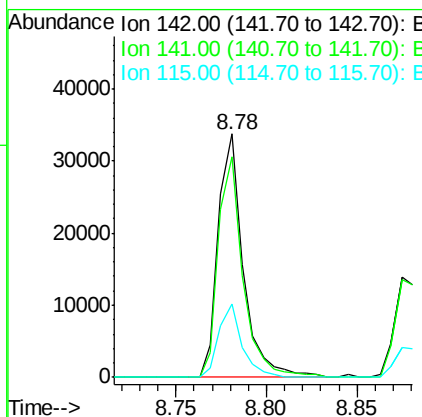
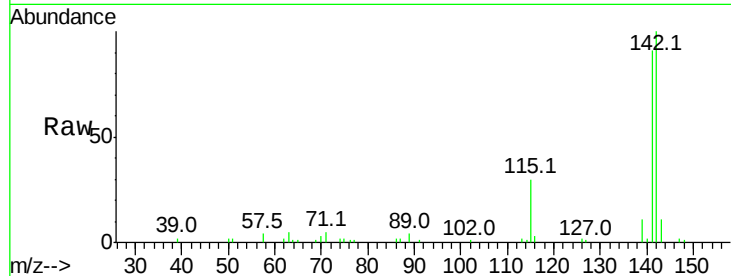




#37
 2-Methylnaphthalene
 Concen: 3.123 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

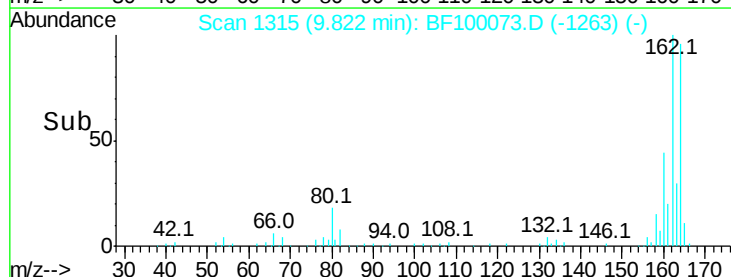
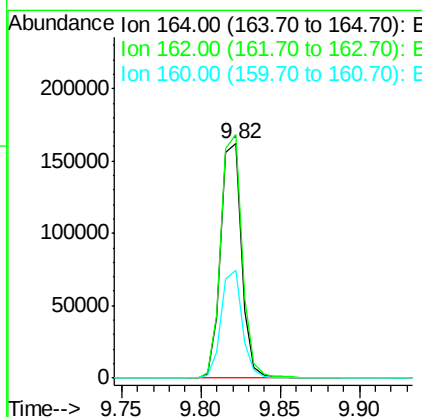
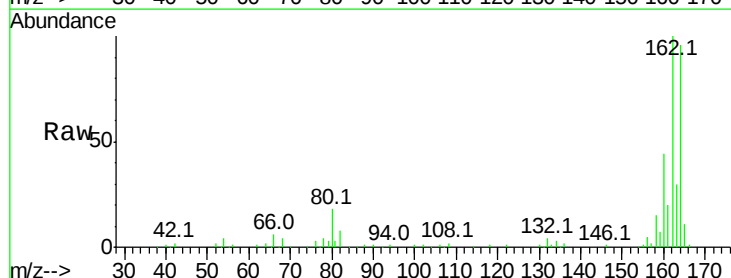
Instrument :
 BNA_F
 ClientSampleId :

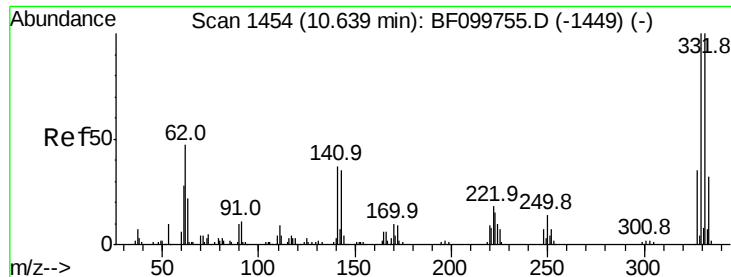
Tot Ion:142 Resp: 32529
 Ion Ratio Lower Upper
 142 100
 141 90.8 70.8 106.2
 115 30.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Tgt Ion:164 Resp: 149294
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 45.8 38.3 57.5

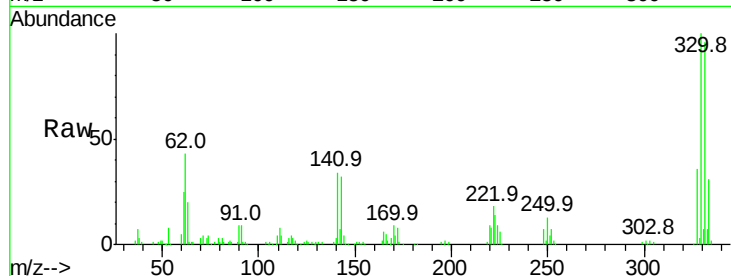




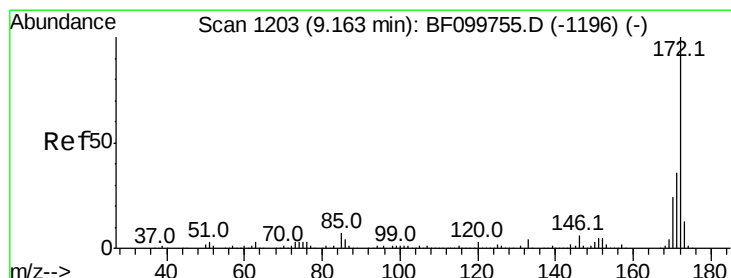
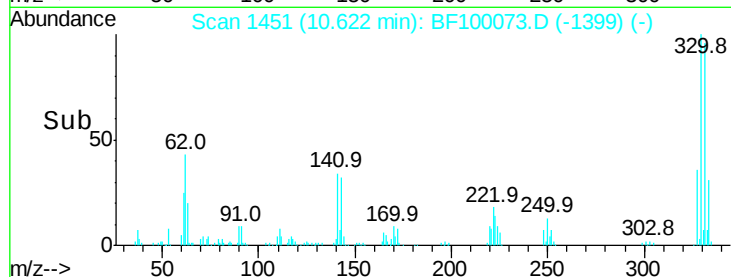
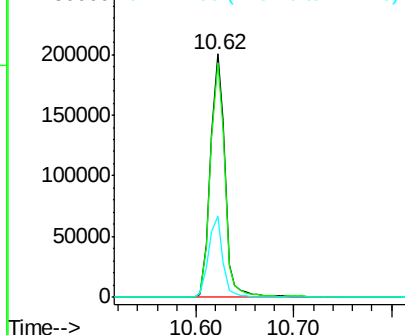
#41
 2,4,6-Tribromophenol
 Concen: 153.085 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.0	29.9	44.9

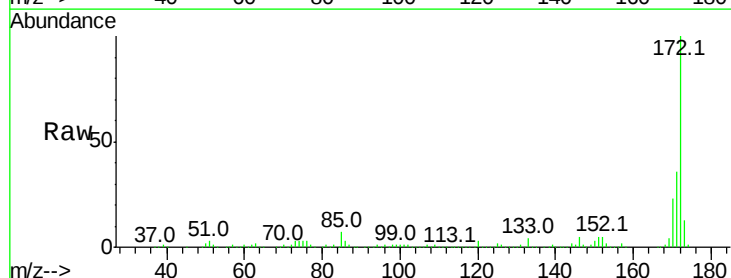


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

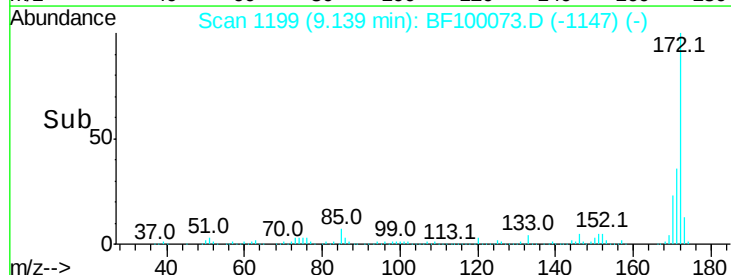
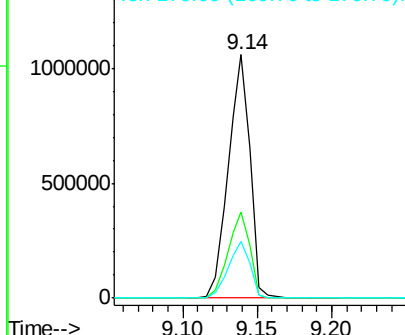


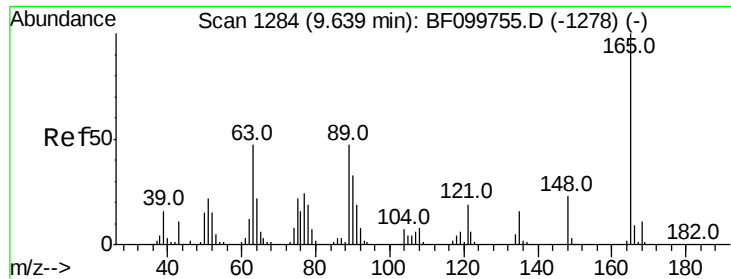
#44
 2-Fluorobiphenyl
 Concen: 112.522 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	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

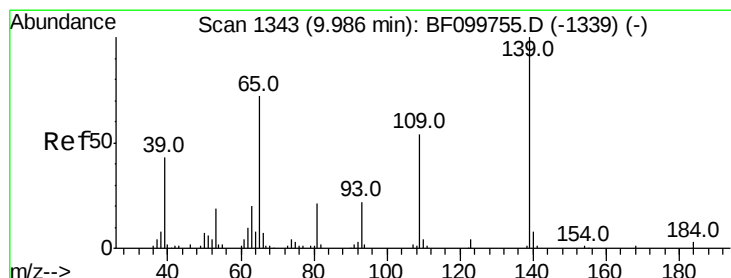
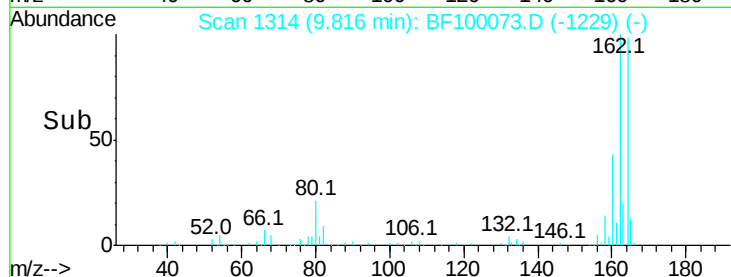
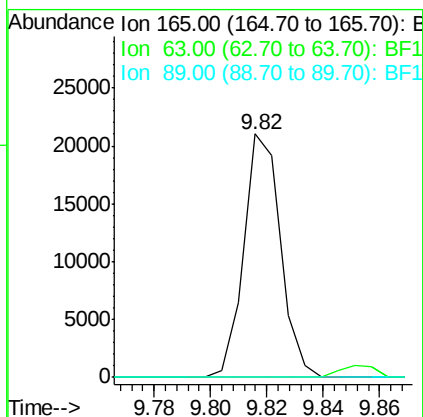
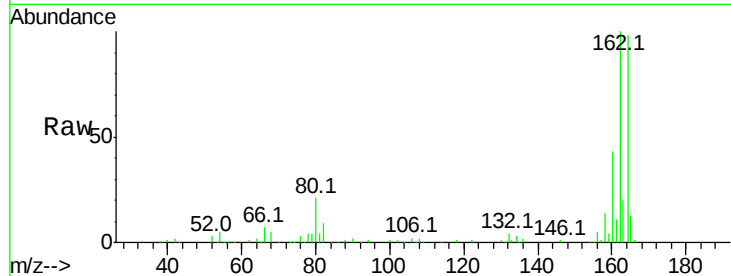




#50
 2,6-Dinitrotoluene
 Concen: 7.624 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.20 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

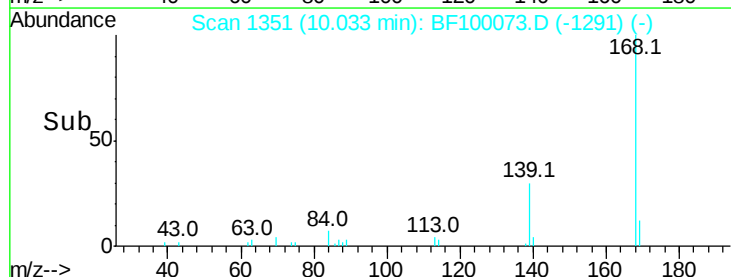
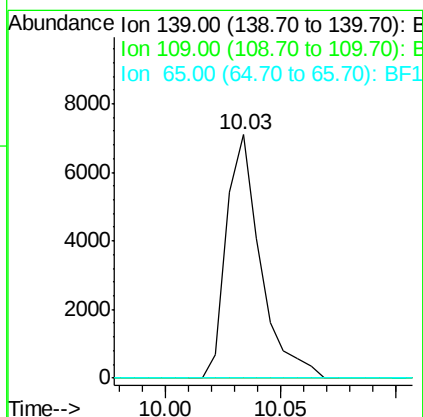
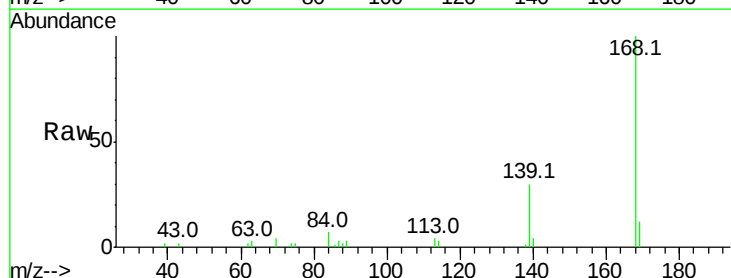
Instrument :
 BNA_F
 ClientSampled :

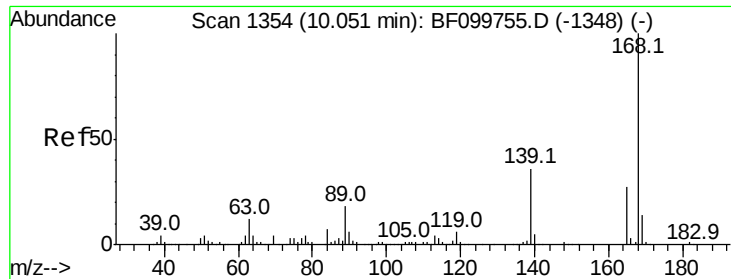
Tot Ion:165 Resp: 18948
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#55
 4-Nitrophenol
 Concen: 4.763 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.05 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Tgt Ion:139 Resp: 7288
 Ion Ratio Lower Upper
 139 100
 109 0.0 48.4 88.4#
 65 0.0 72.6 112.6#

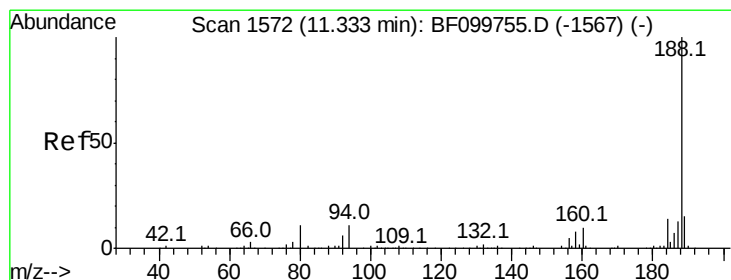
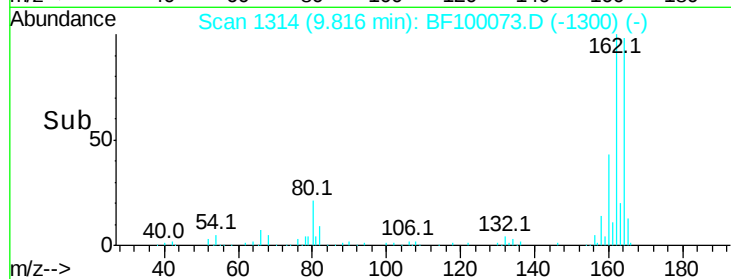
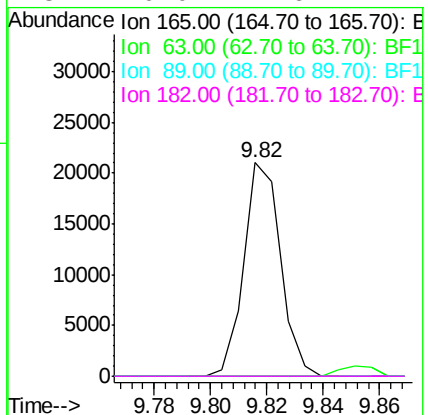
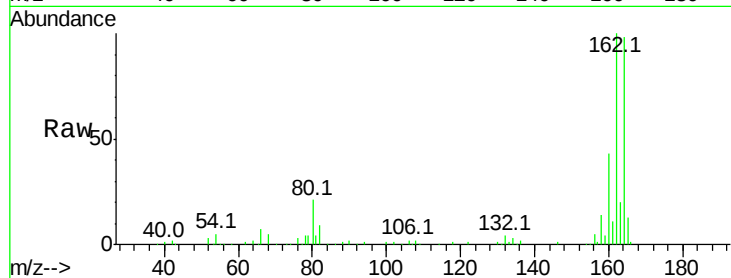




#56
 2,4-Dinitrotoluene
 Concen: 6.330 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.22 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

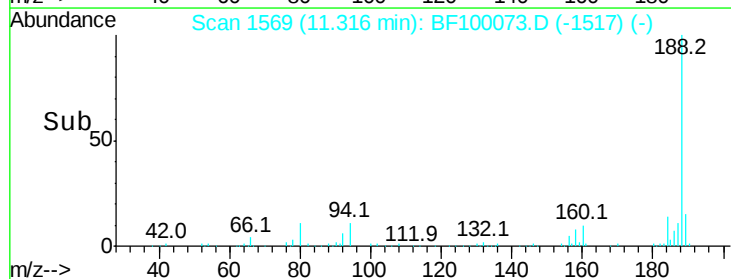
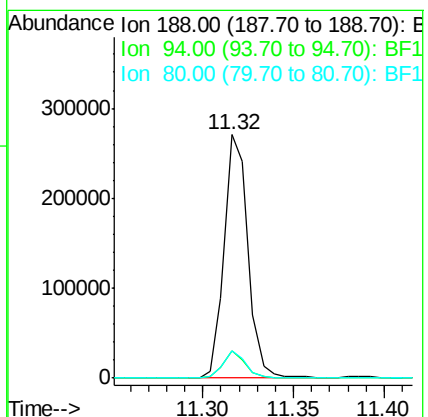
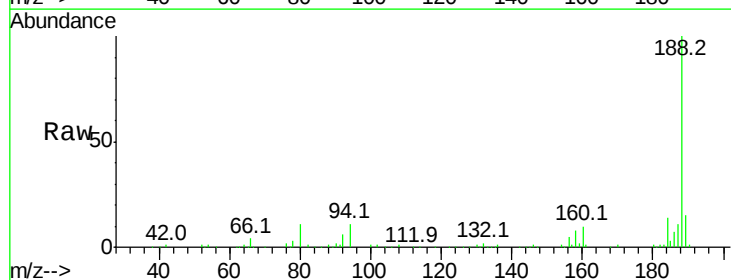
Instrument :
 BNA_F
 ClientSampleId :

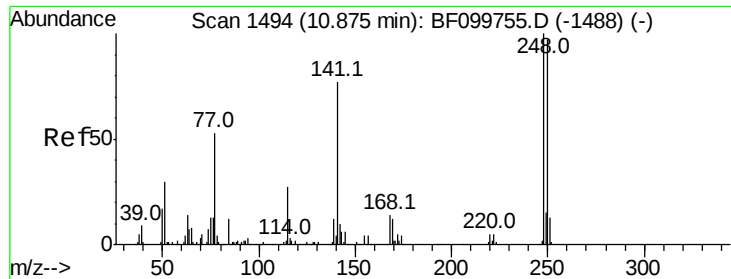
Tot Ion:165 Resp: 18948
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Tgt Ion:188 Resp: 248728
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.4 9.2 13.8





#66

4-Bromophenyl-phenylether

Concen: 5.197 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.22 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Instrument :

BNA_F

ClientSampled :

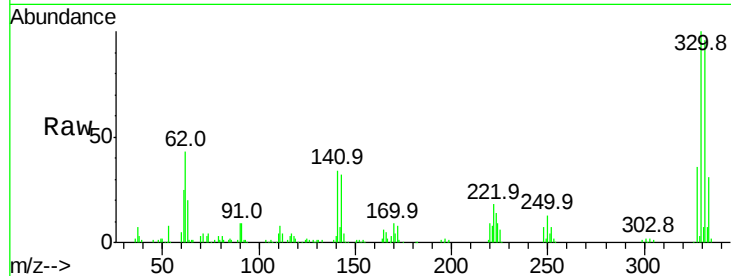
Tot Ion: 248 Resp: 13608

Ion Ratio Lower Upper

248 100

250 196.4 76.9 115.3#

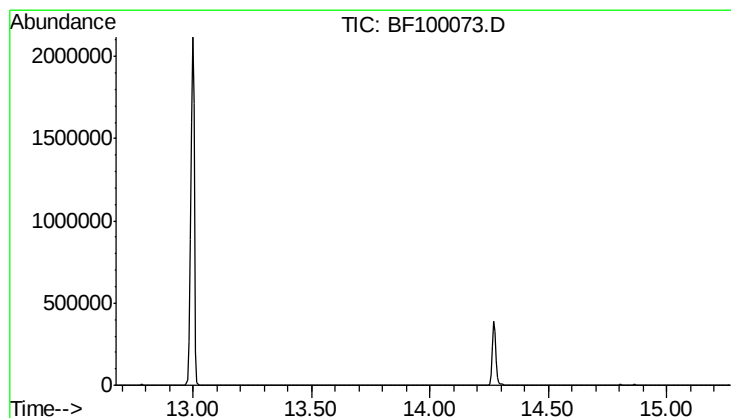
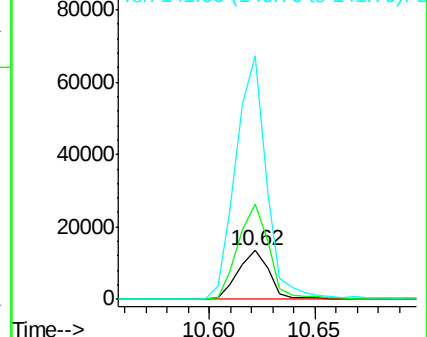
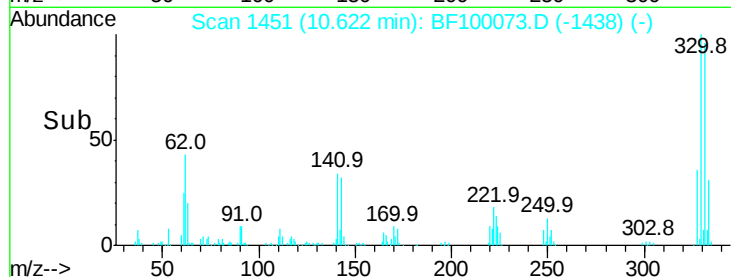
141 502.4 74.4 111.6#



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: 0.000 ng

Expected RT: 13.97 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

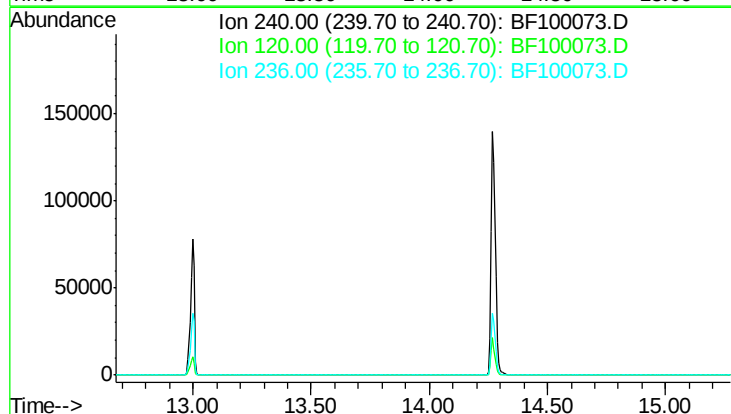
Tgt Ion: 240

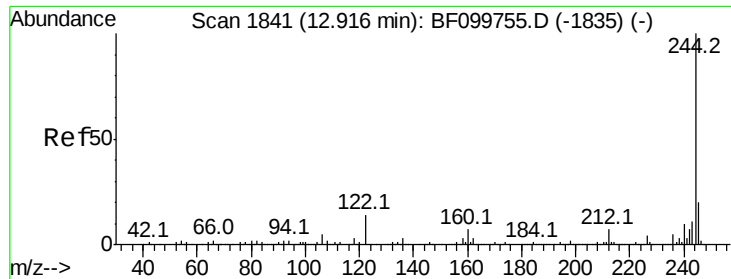
Sig Exp Ratio

240 100

120 11.9

236 25.9





#78

Terphenyl-d14

Concen: 0.000 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.10 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Instrument :

BNA_F

ClientSampleId :

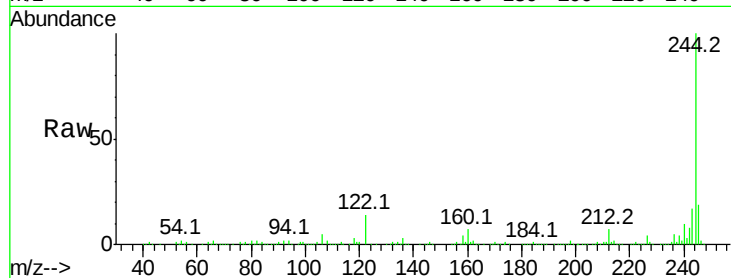
Tot Ion:244 Resp: 860220

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

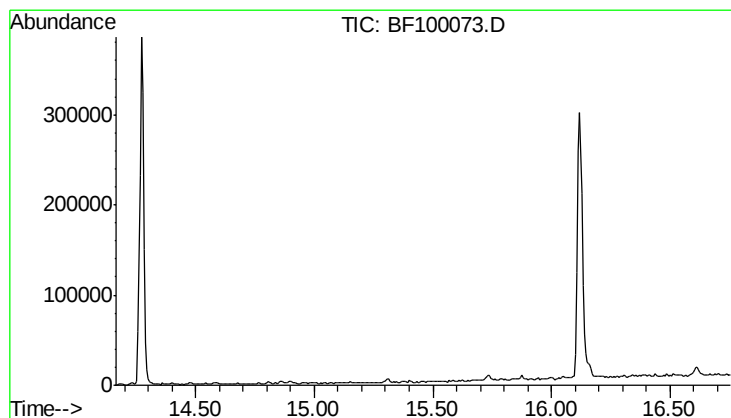
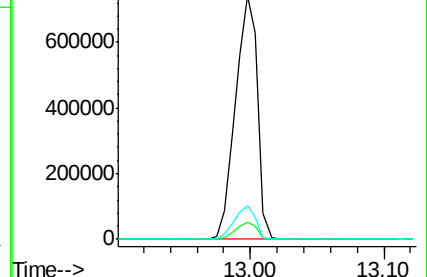
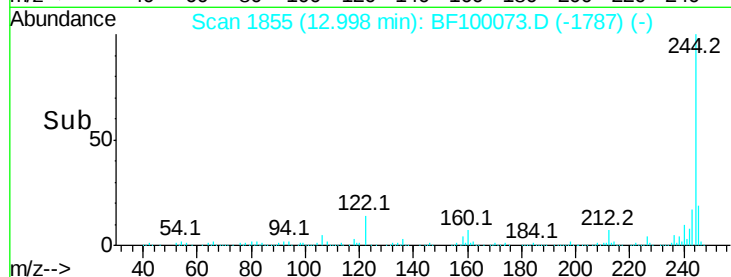
122 13.8 11.0 16.4



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: 0.000 ng

Expected RT: 15.46 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.9

