

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094881.D
 Acq On : 4 May 2017 19:02
 Operator : SJ/MA
 Sample : I2956-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 01:24:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

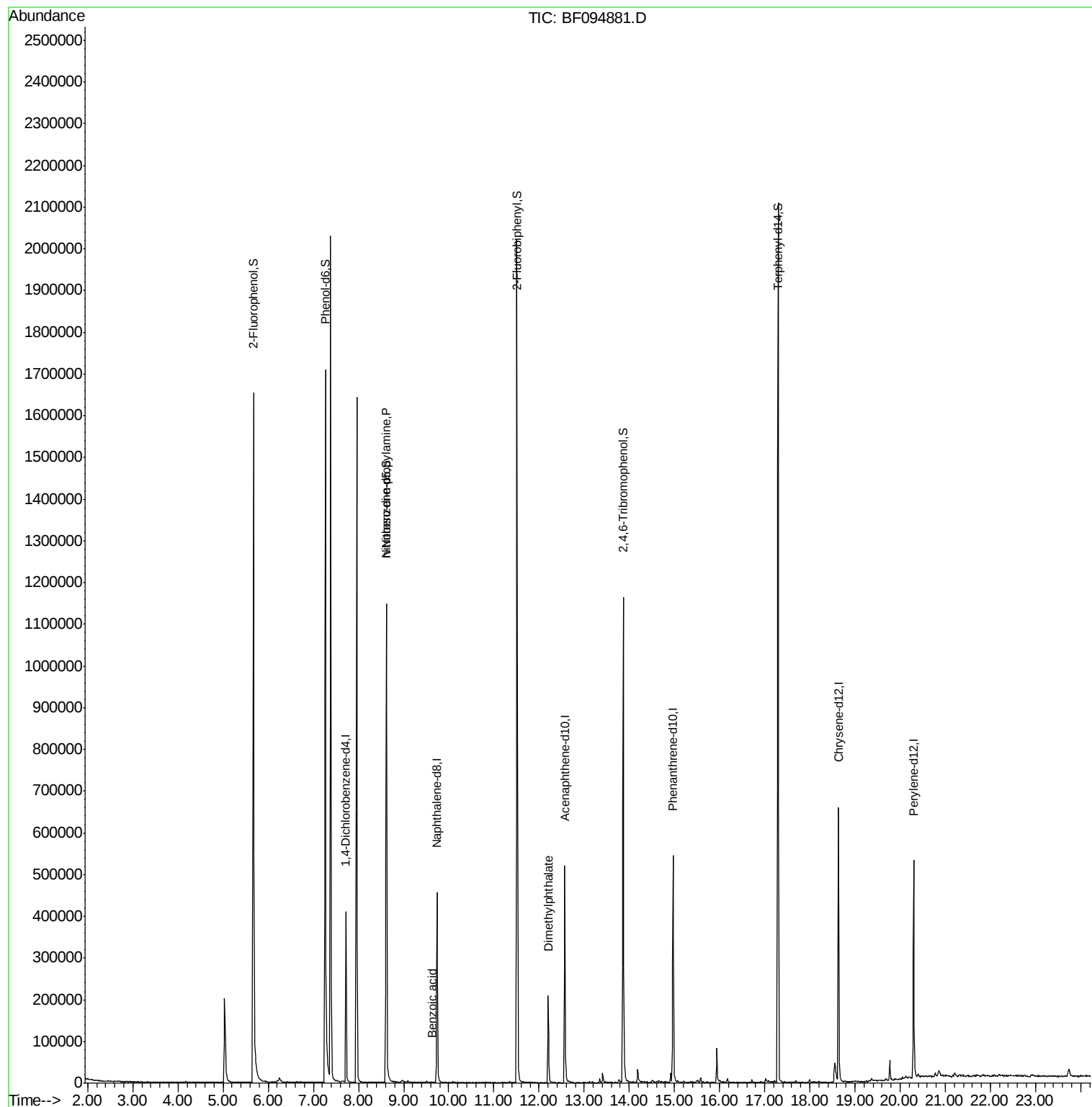
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	89175	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	321027	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	160592	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	295804	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	290594	20.00	ng	-0.02
86) Perylene-d12	20.30	264	252065	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	743078	138.93	ng	0.00
7) Phenol-d6	7.27	99	913576	142.35	ng	-0.01
23) Nitrobenzene-d5	8.62	82	530153	104.14	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	193886	147.42	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	930709	83.42	ng	-0.01
78) Terphenyl-d14	17.29	244	859755	65.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	68377	15.75	ng	# 79
32) Benzoic acid	9.64	122	106	5.11	ng	# 78
49) Dimethylphthalate	12.21	163	133682	10.14	ng	99

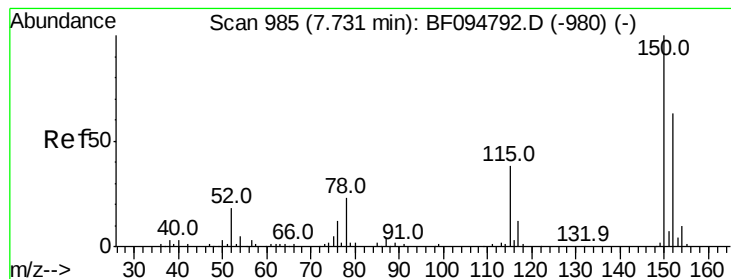
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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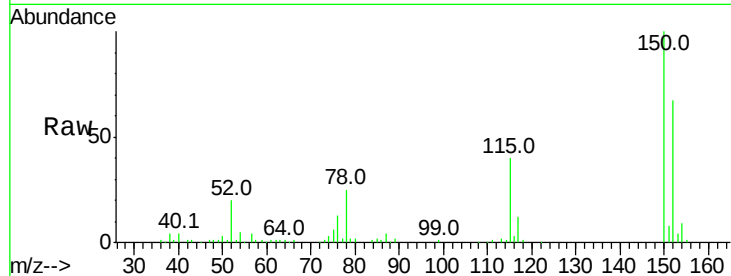


#1

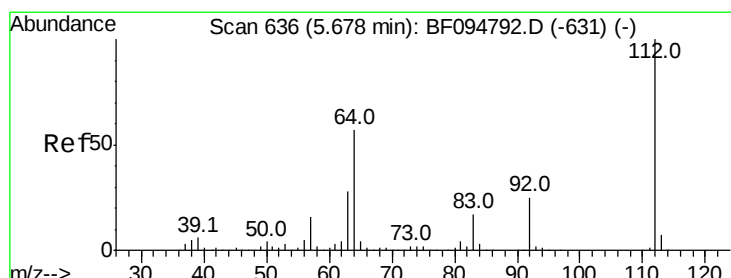
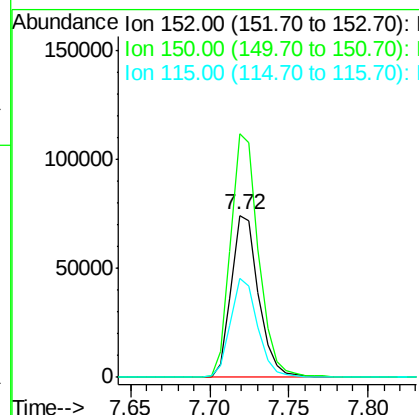
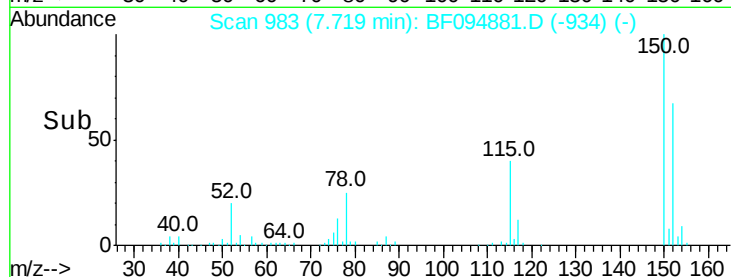
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094881.D
Acq: 4 May 2017 19:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89175
Ion Ratio Lower Upper
152 100
150 150.3 126.2 189.2
115 60.8 52.2 78.2



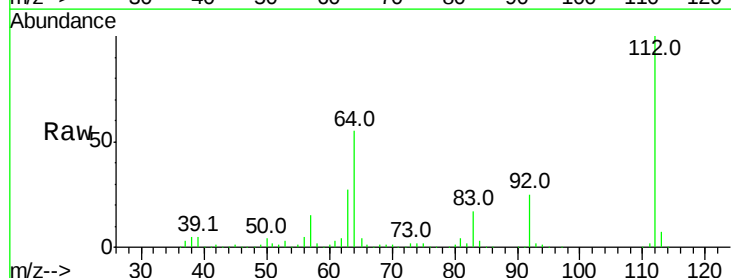
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



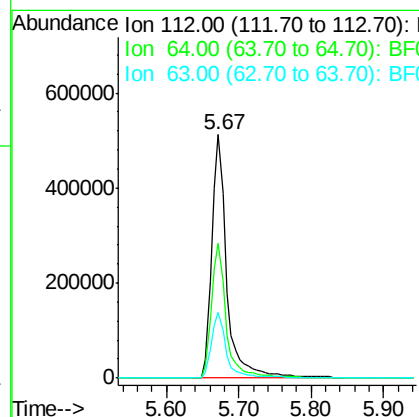
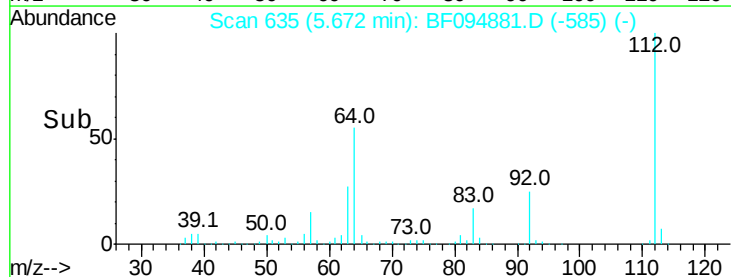
#5

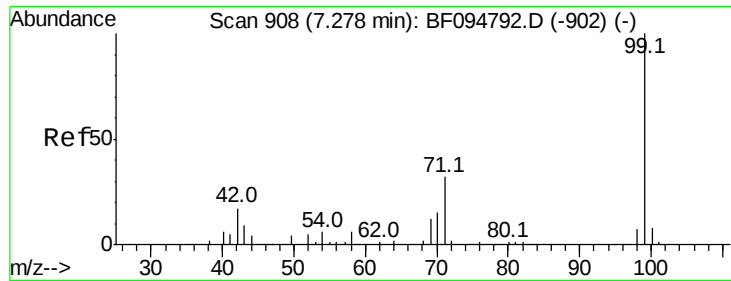
2-Fluorophenol
Concen: 138.93 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094881.D
Acq: 4 May 2017 19:02

Tgt Ion:112 Resp: 743078
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.2 23.4 35.0



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: 142.35 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094881.D

Acq: 4 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

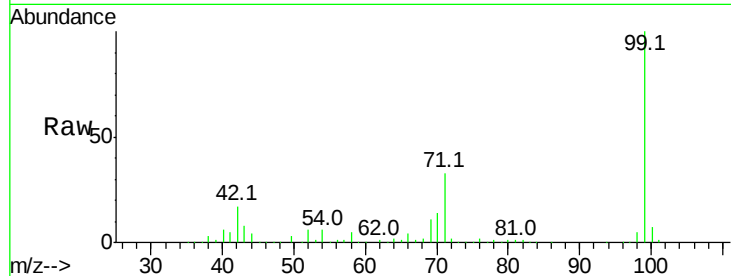
Tot Ion: 99 Resp: 913576

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

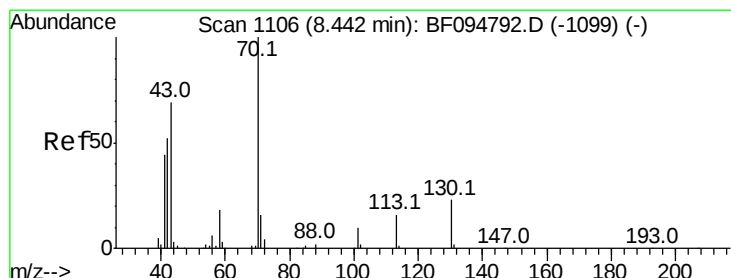
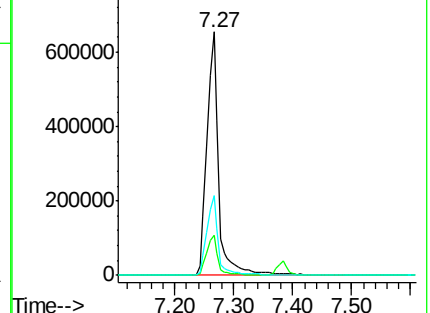
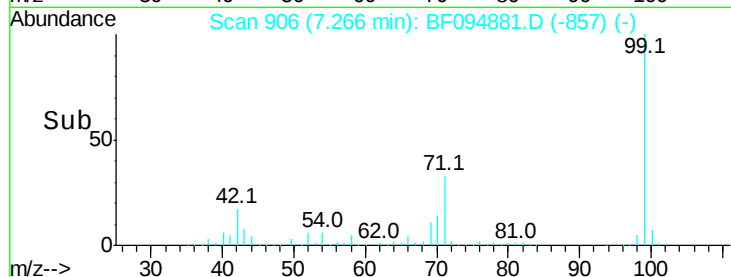
71 32.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.75 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094881.D

Acq: 4 May 2017 19:02

Tgt Ion: 70 Resp: 68377

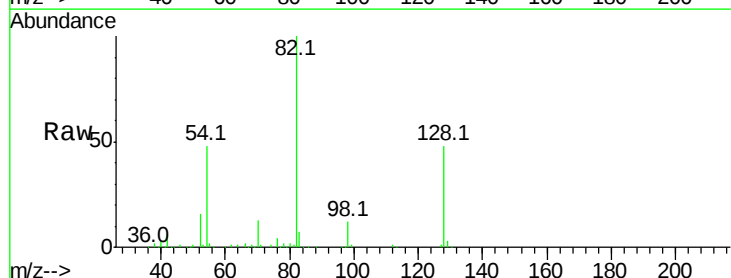
Ion Ratio Lower Upper

70 100

42 47.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

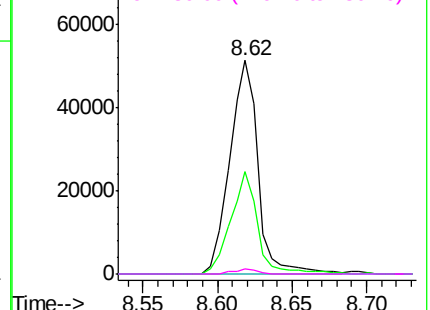
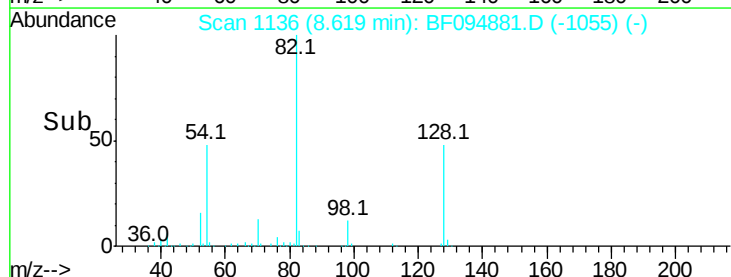


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094881.D

Acq: 4 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 321027

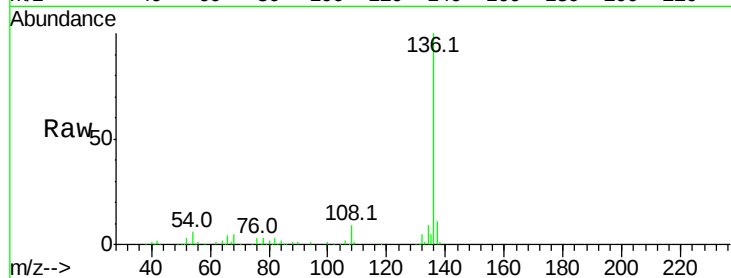
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 4.9 7.3

68 5.2 4.1 6.1

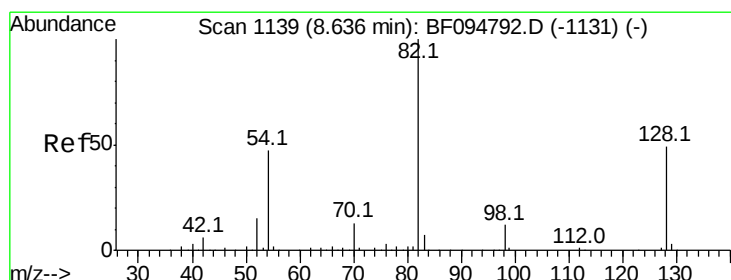
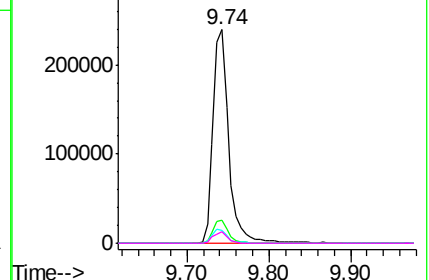
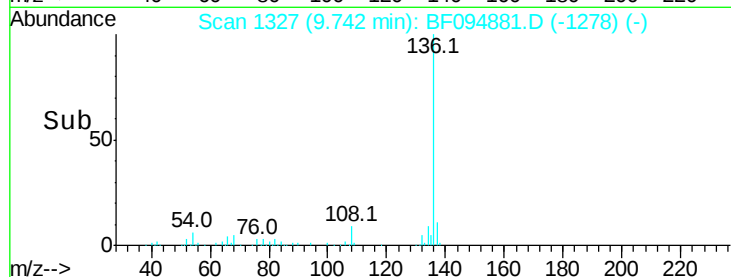


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.14 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094881.D

Acq: 4 May 2017 19:02

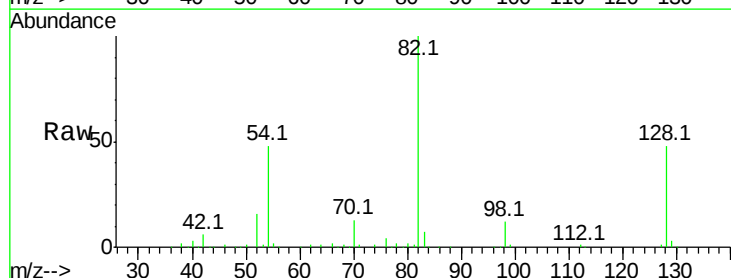
Tgt Ion: 82 Resp: 530153

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

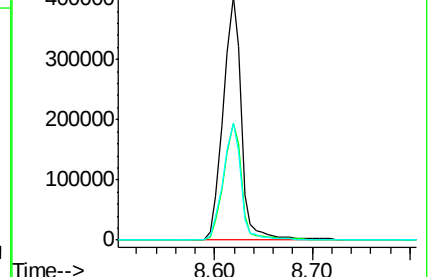
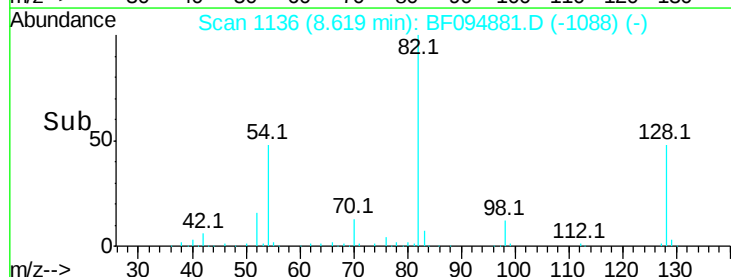
54 47.8 42.2 63.2

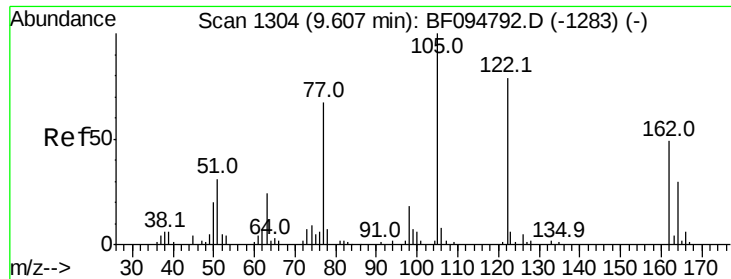


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

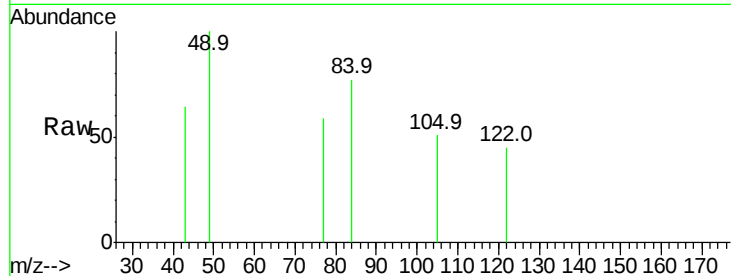




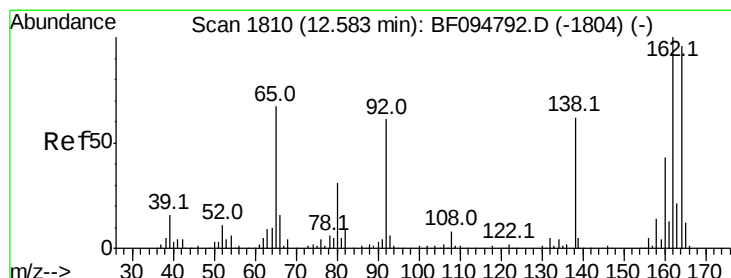
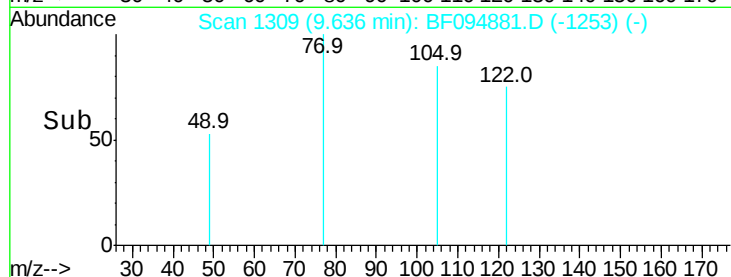
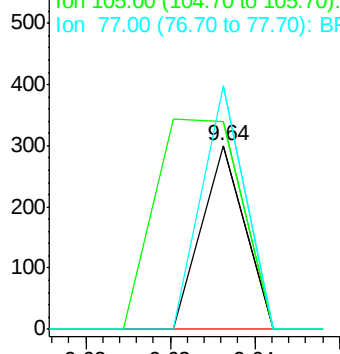
#32
Benzoic acid
Concen: 5.11 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.03 min
Lab File: BF094881.D
Acq: 4 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 113.3 103.3 143.3
77 132.7 73.7 113.7#

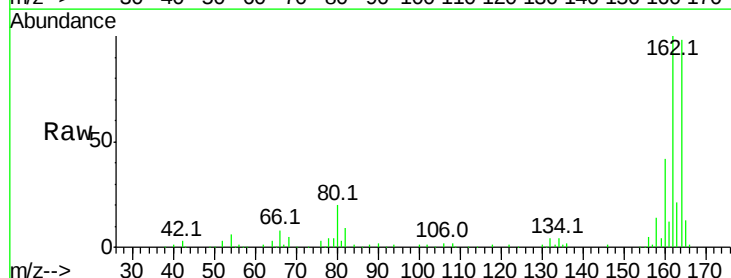


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

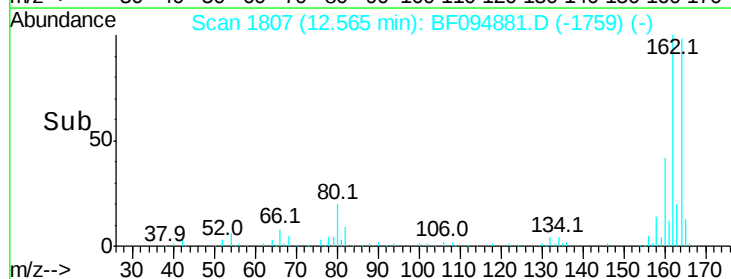
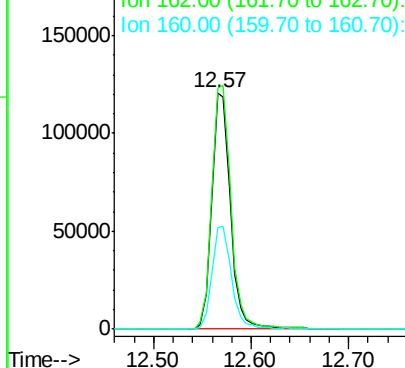


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094881.D
Acq: 4 May 2017 19:02

Tgt Ion:164 Resp: 160592
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 42.8 36.2 54.2



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

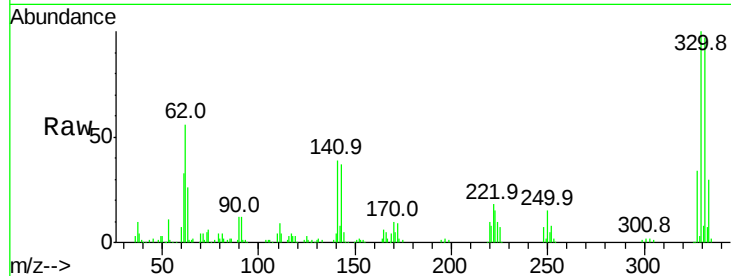




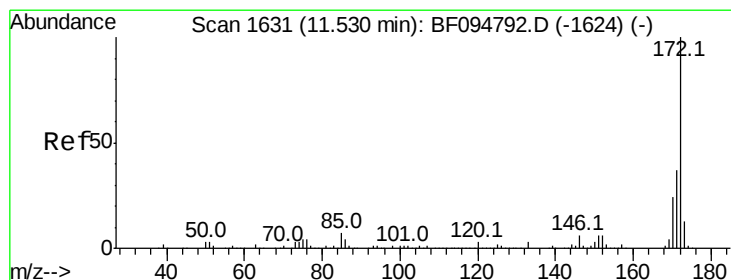
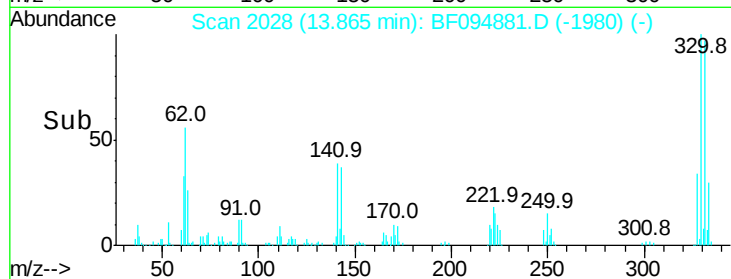
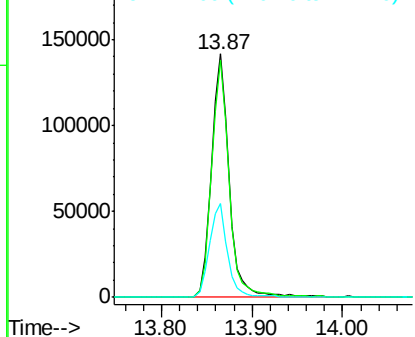
#41
 2,4,6-Tribromophenol
 Concen: 147.42 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094881.D
 Acq: 4 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.5	31.4	47.2

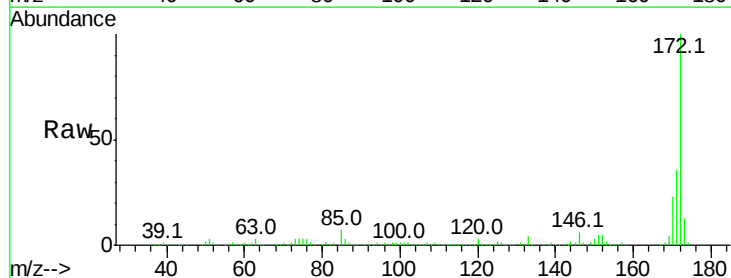


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

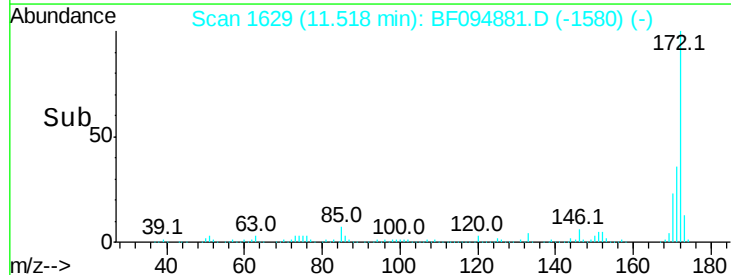
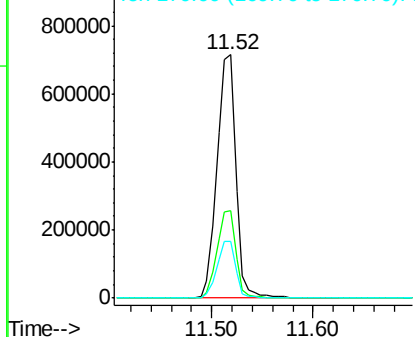


#44
 2-Fluorobiphenyl
 Concen: 83.42 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094881.D
 Acq: 4 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.4	19.8	29.8



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





#49

Dimethylphthalate

Concen: 10.14 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094881.D

Acq: 4 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

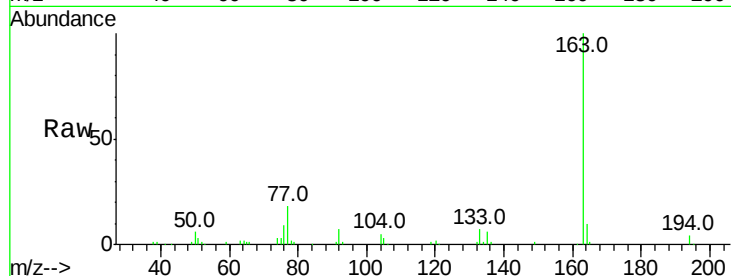
Tot Ion:163 Resp: 133682

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

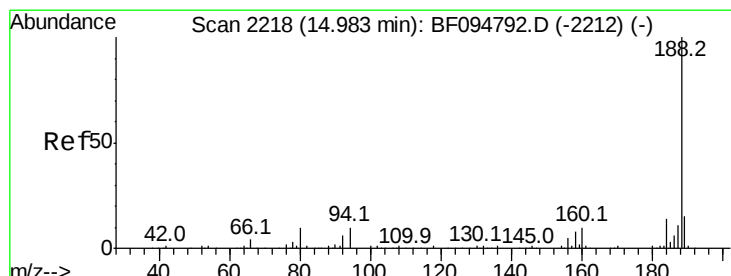
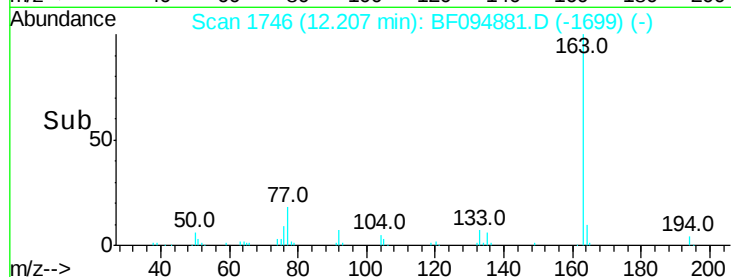
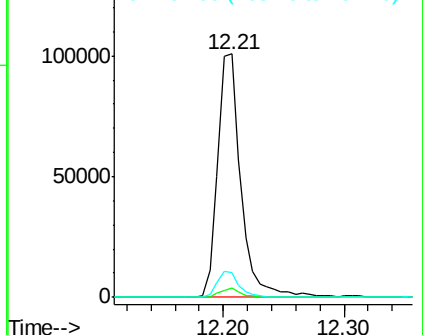
164 10.2 8.4 12.6



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: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094881.D

Acq: 4 May 2017 19:02

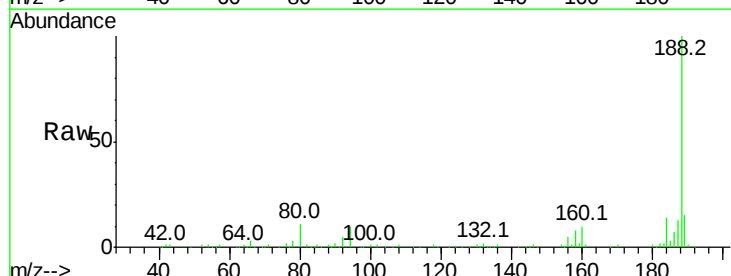
Tgt Ion:188 Resp: 295804

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

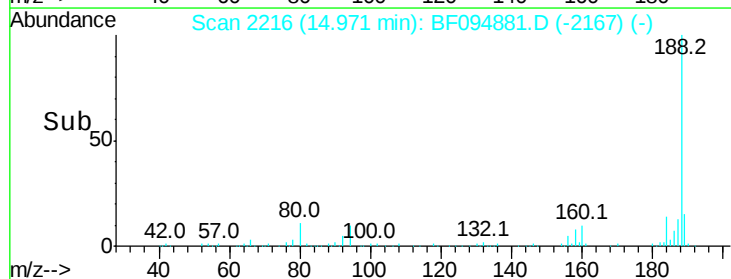
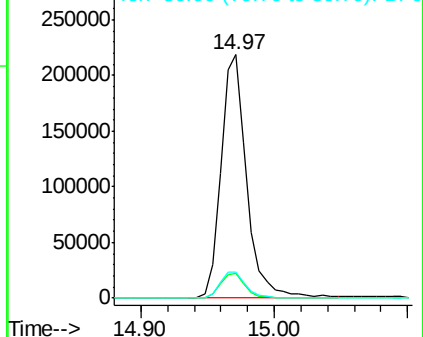
80 10.6 10.2 15.2



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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094881.D

Acq: 4 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

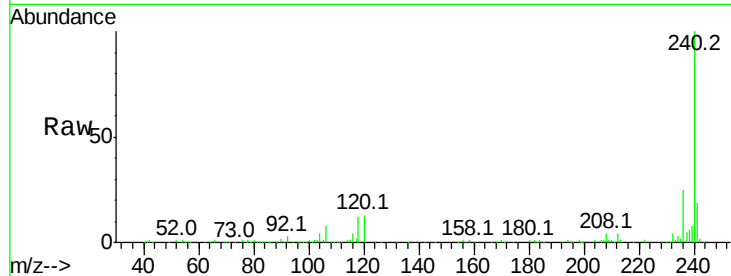
Tot Ion:240 Resp: 290594

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

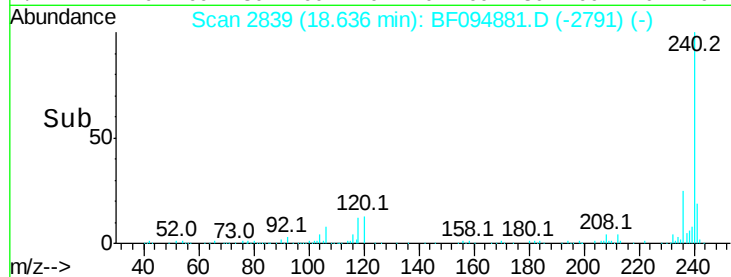
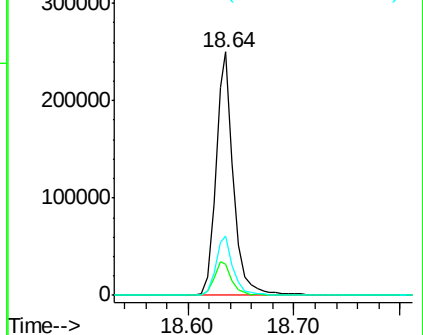
236 24.6 20.5 30.7



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: 65.17 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094881.D

Acq: 4 May 2017 19:02

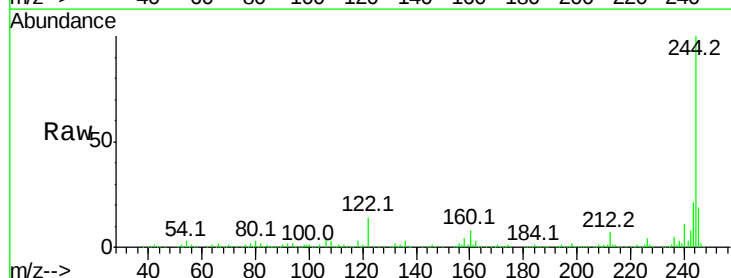
Tgt Ion:244 Resp: 859755

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

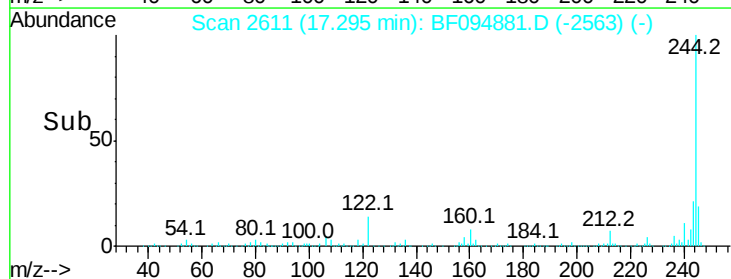
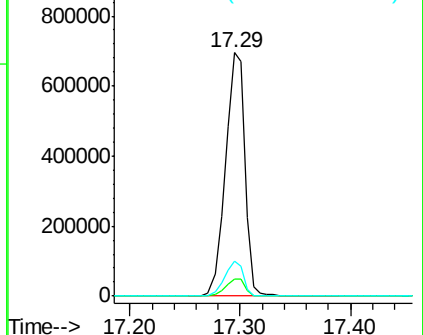
122 14.4 10.3 15.5



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

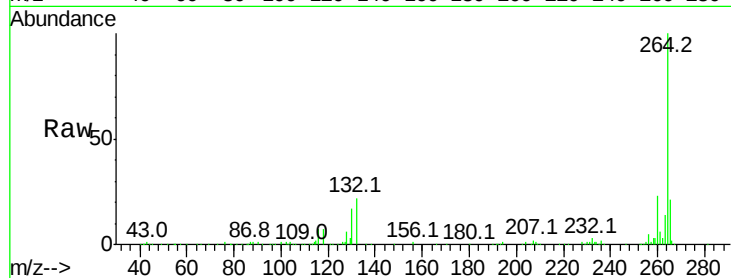




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094881.D
 Acq: 4 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.7	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

