

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093918.D
 Acq On : 24 Mar 2017 20:41
 Operator : SJ/MA
 Sample : I2394-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Quant Time: Mar 24 23:05:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

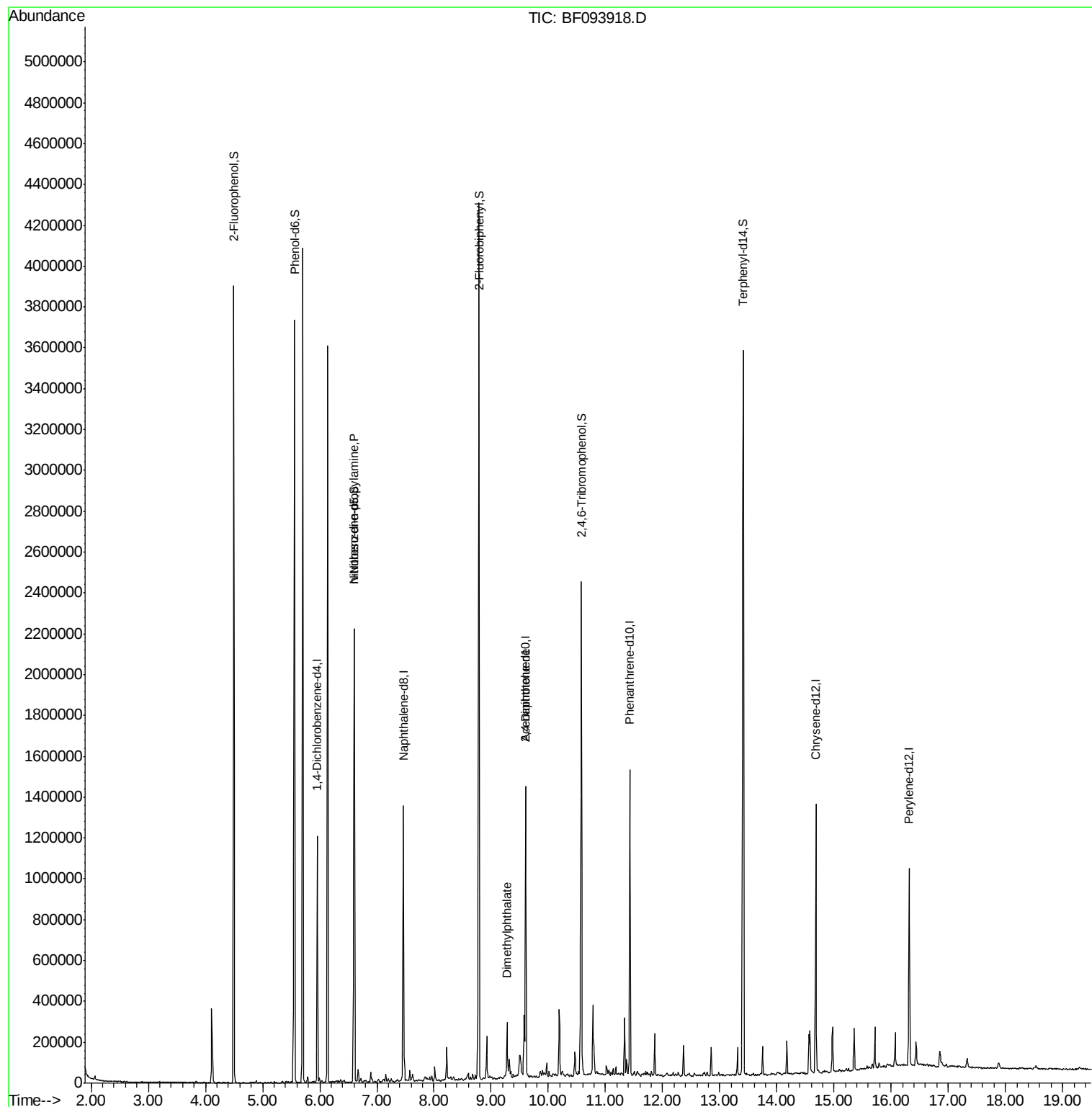
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	177603	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	691007	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	322141	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	577855	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	498284	20.00	ng	-0.04
86) Perylene-d12	16.32	264	382952	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1208476	114.93	ng	0.00
7) Phenol-d6	5.56	99	1664734	127.97	ng	-0.01
23) Nitrobenzene-d5	6.60	82	957210	79.05	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	334629	131.45	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1722733	81.57	ng	-0.04
78) Terphenyl-d14	13.42	244	1476772	66.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.60	70	127101	15.20	ng	# 78
49) Dimethylphthalate	9.28	163	119421	5.22	ng	97
56) 2,4-Dinitrotoluene	9.60	165	40450	6.13	ng	# 33

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093918.D
Acq On : 24 Mar 2017 20:41
Operator : SJ/MA
Sample : I2394-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP1

Quant Time: Mar 24 23:05:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF093918.D

Acq: 24 Mar 2017 20:41

Instrument :

BNA_F

ClientSampleId :

COMP1

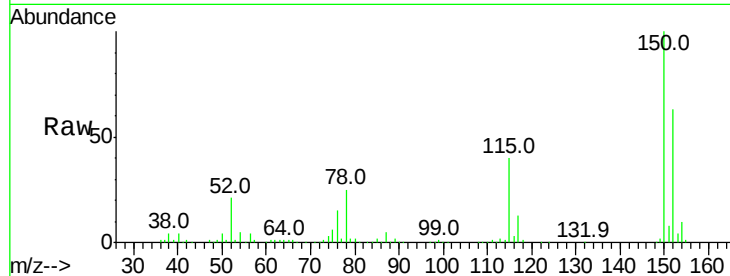
Tot Ion:152 Resp: 177603

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

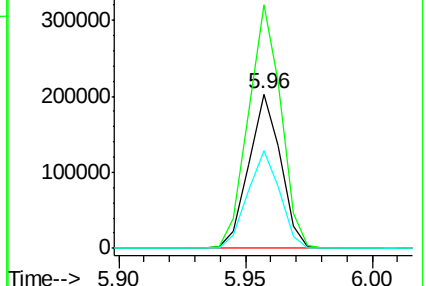
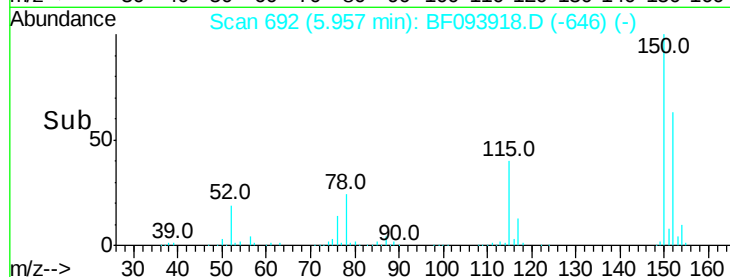
115 63.6 52.2 78.2



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: 114.93 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093918.D

Acq: 24 Mar 2017 20:41

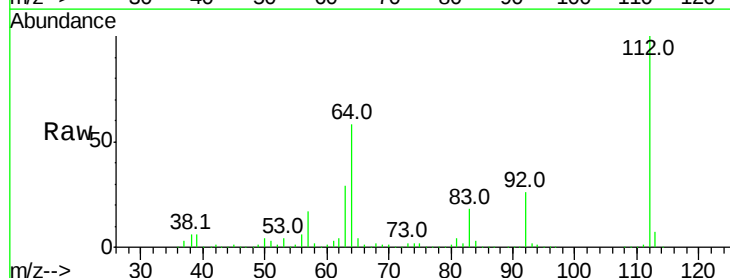
Tgt Ion:112 Resp: 1208476

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

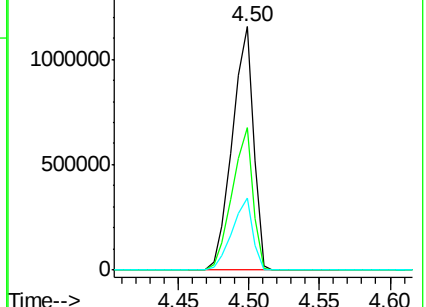
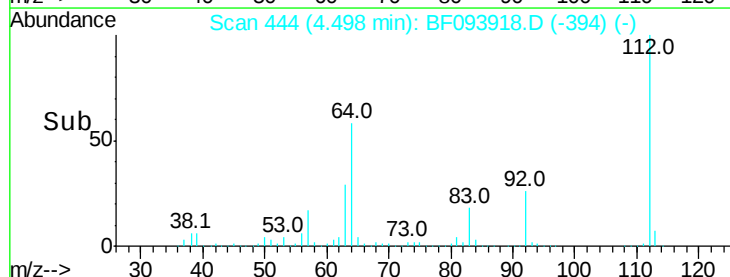
63 29.5 23.4 35.0



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: 127.97 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093918.D

Acq: 24 Mar 2017 20:41

Instrument :

BNA_F

ClientSampleId :

COMP1

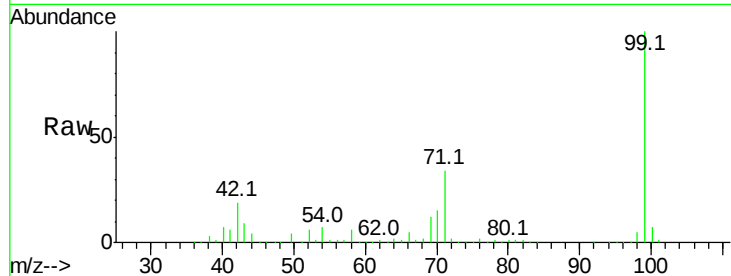
Tot Ion: 99 Resp: 1664734

Ion Ratio Lower Upper

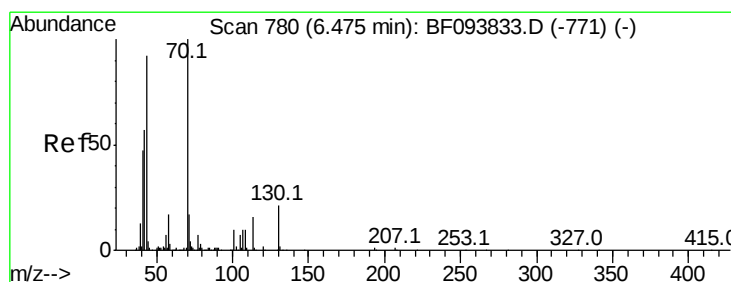
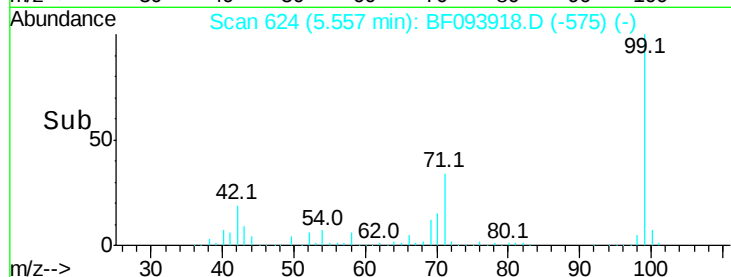
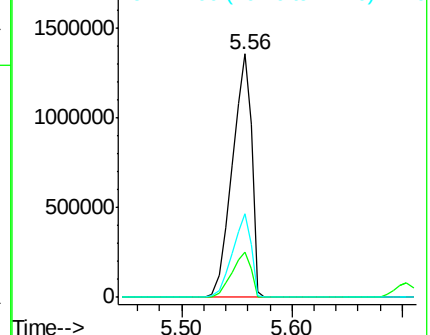
99 100

42 18.6 13.5 20.3

71 34.2 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: 15.20 ng

RT: 6.60 min Scan# 802

Delta R.T. 0.13 min

Lab File: BF093918.D

Acq: 24 Mar 2017 20:41

Tgt Ion: 70 Resp: 127101

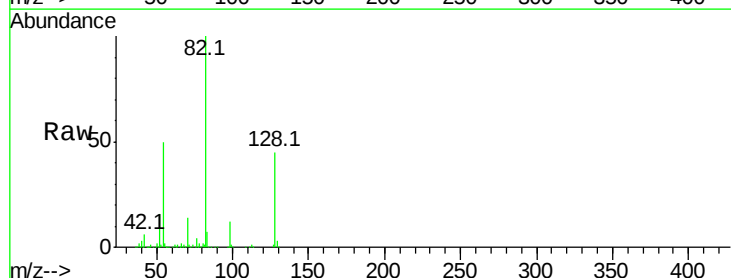
Ion Ratio Lower Upper

70 100

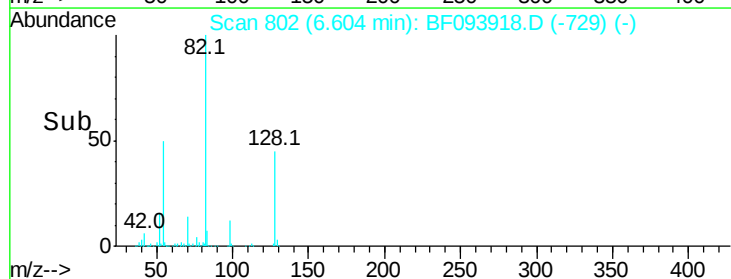
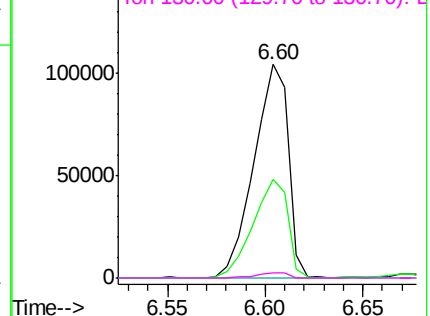
42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093918.D

Acq: 24 Mar 2017 20:41

Instrument :

BNA_F

ClientSampleId :

COMP1

Tot Ion:136 Resp: 691007

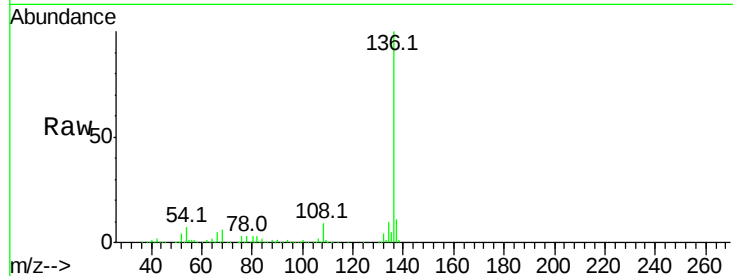
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1

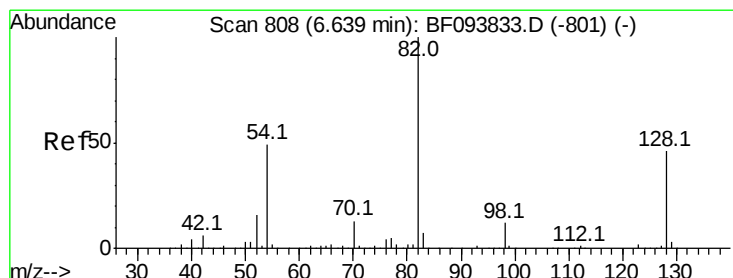
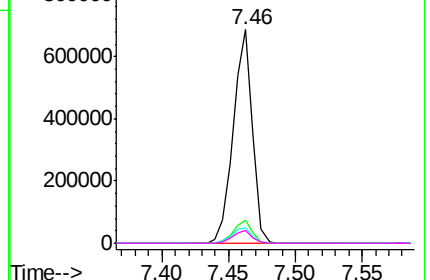
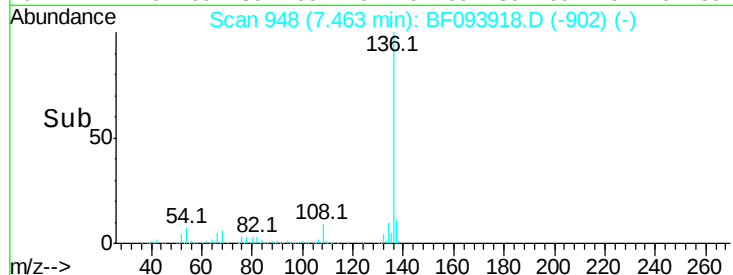


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.05 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.04 min

Lab File: BF093918.D

Acq: 24 Mar 2017 20:41

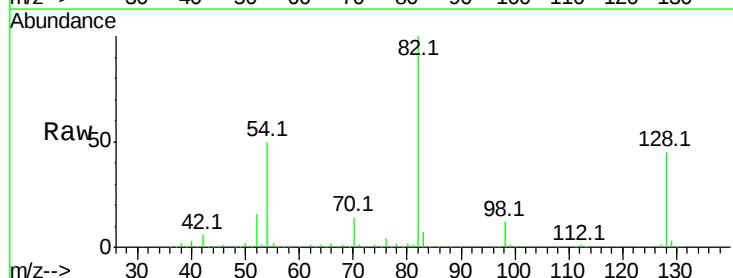
Tgt Ion: 82 Resp: 957210

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

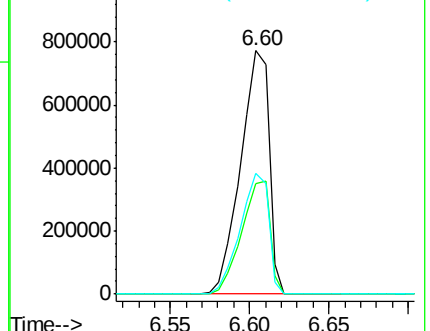
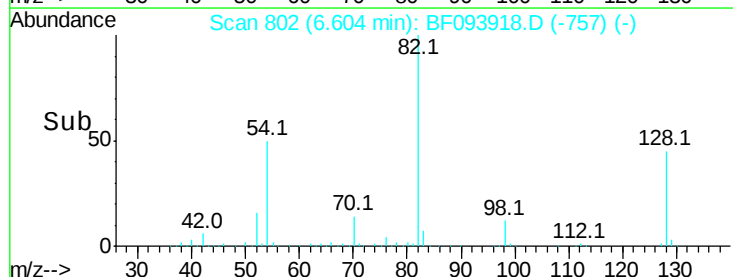
54 49.7 42.2 63.2

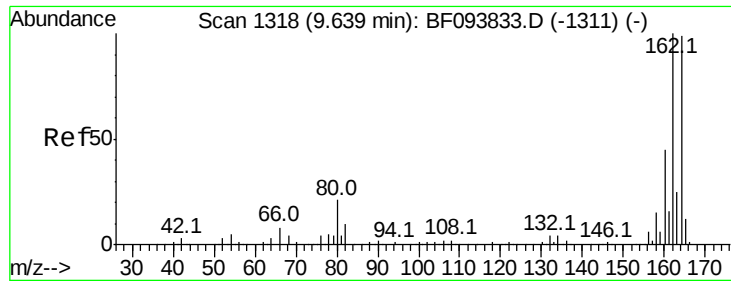


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

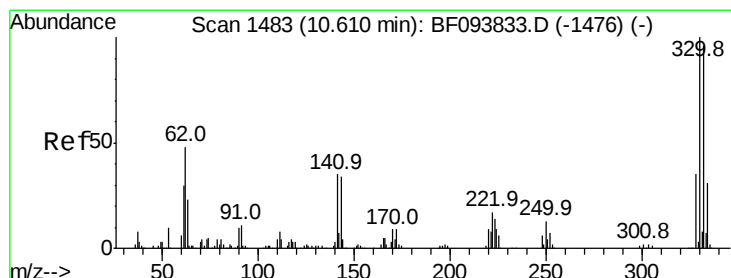
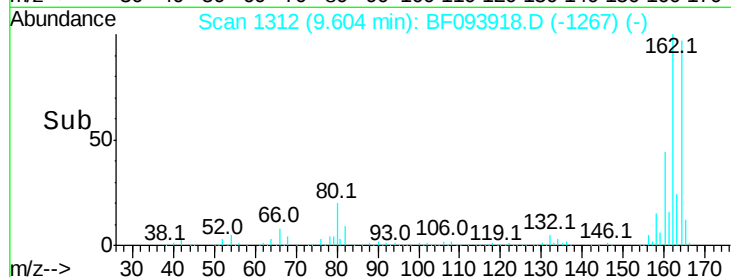
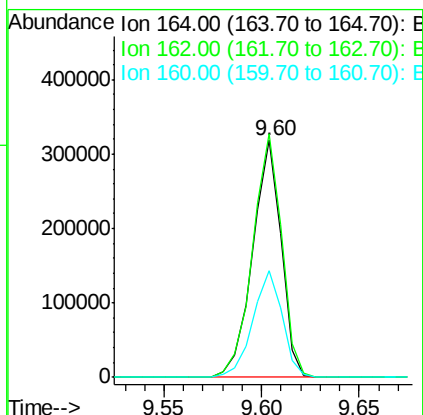
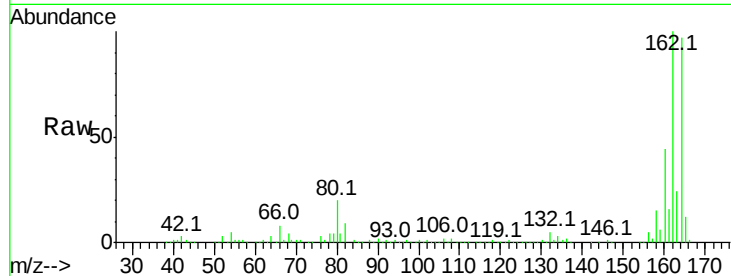




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093918.D
Acq: 24 Mar 2017 20:41

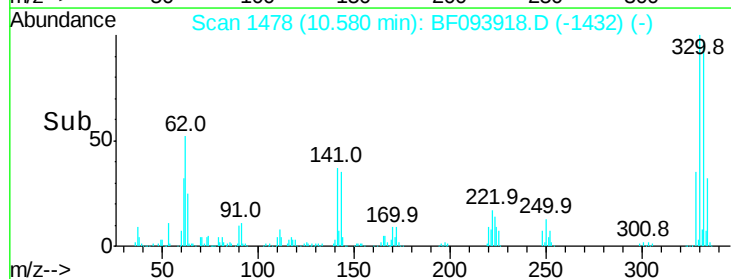
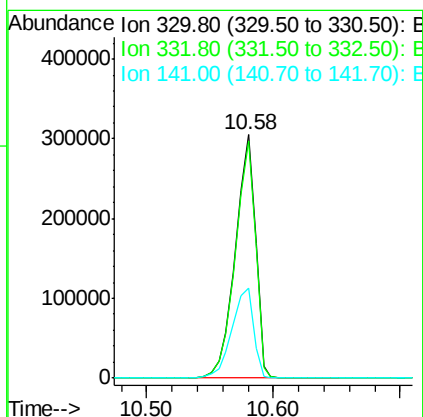
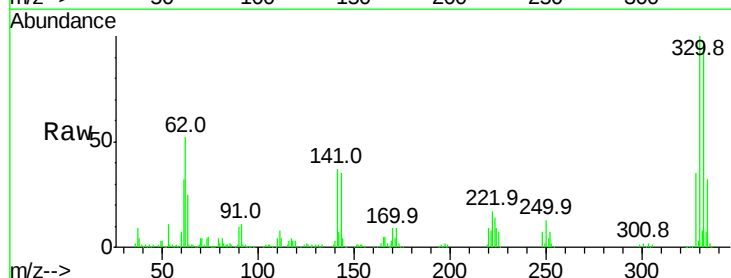
Instrument :
BNA_F
ClientSampleId :
COMP1

Tot Ion:164 Resp: 322141
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.1 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 131.45 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.03 min
Lab File: BF093918.D
Acq: 24 Mar 2017 20:41

Tgt Ion:330 Resp: 334629
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 39.9 31.4 47.2

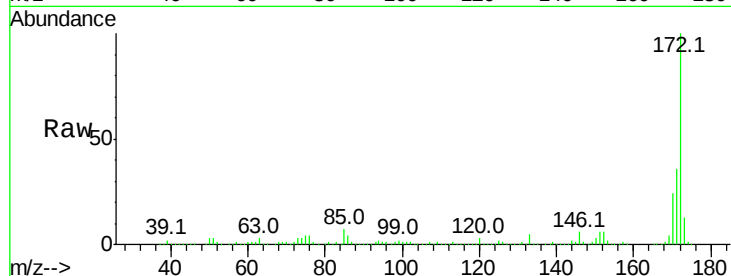




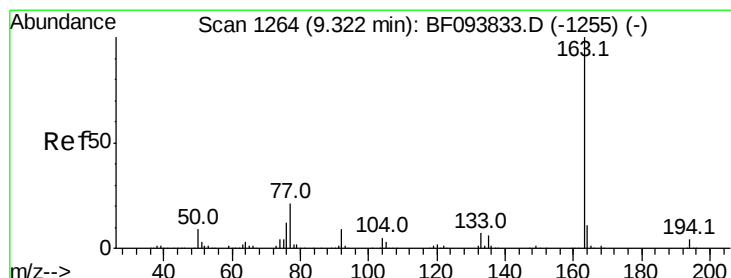
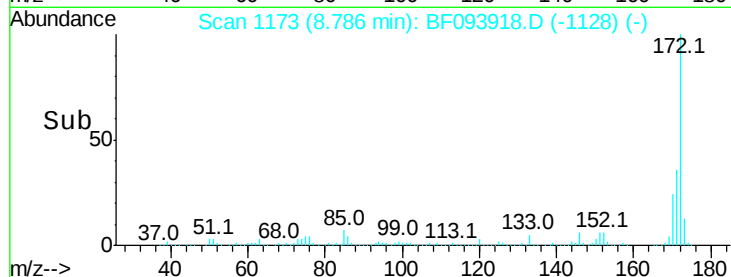
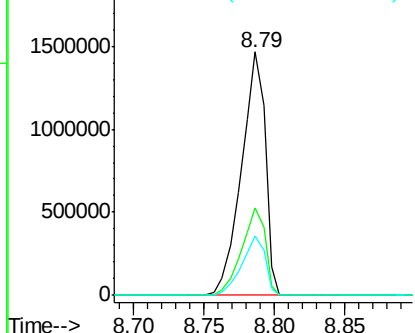
#44
2-Fluorobiphenyl
Concen: 81.57 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF093918.D
Acq: 24 Mar 2017 20:41

Instrument :
BNA_F
ClientSampleId :
COMP1

Tot Ion:172 Resp: 1722733
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.3 19.8 29.8

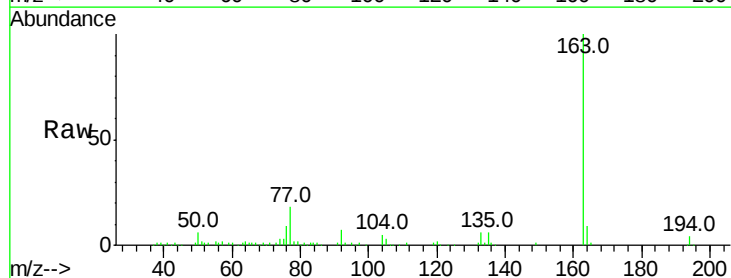


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

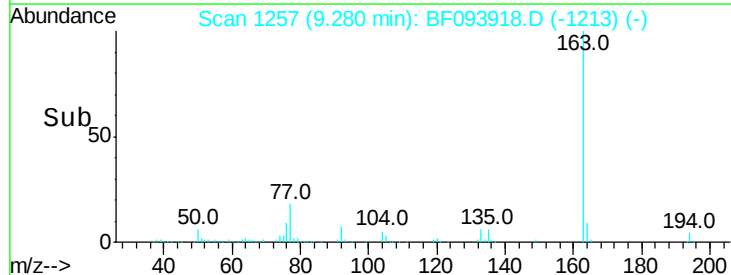
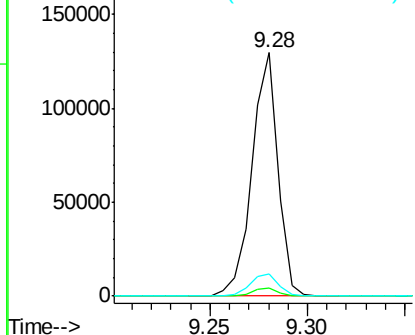


#49
Dimethylphthalate
Concen: 5.22 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093918.D
Acq: 24 Mar 2017 20:41

Tgt Ion:163 Resp: 119421
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.3 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

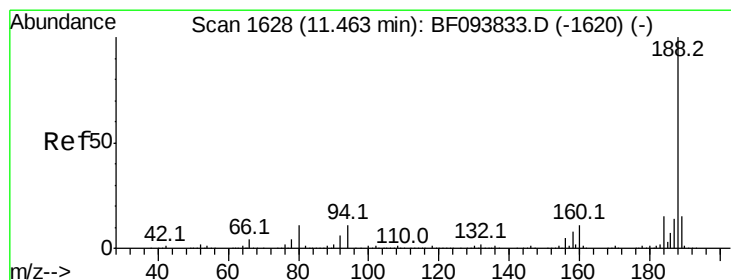
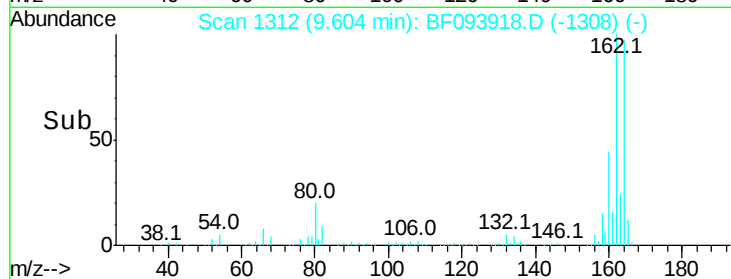
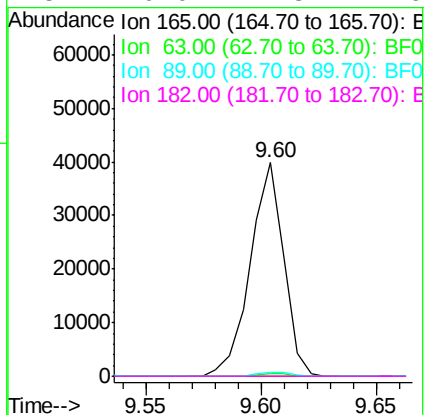
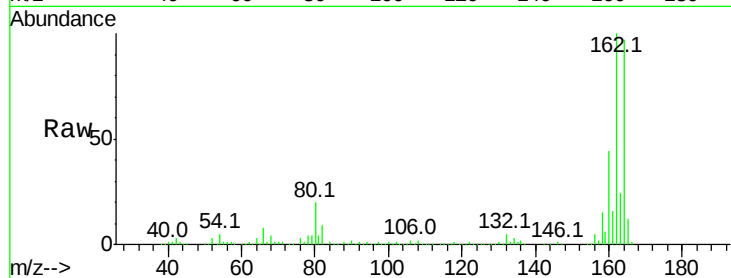




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.28 min
 Lab File: BF093918.D
 Acq: 24 Mar 2017 20:41

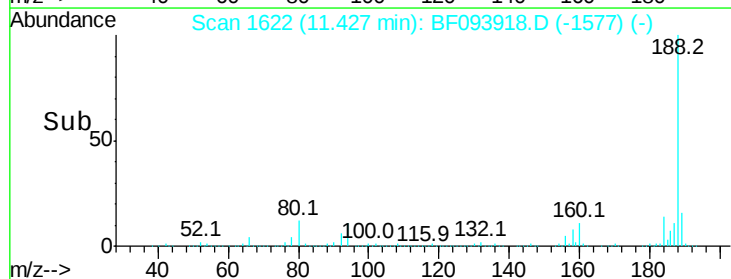
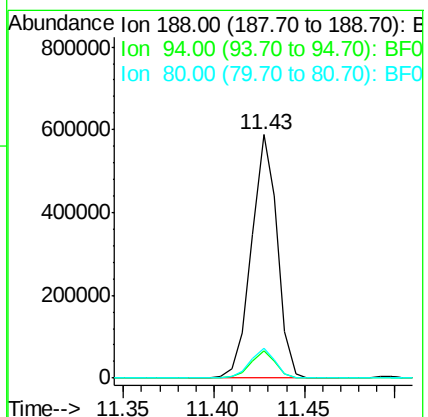
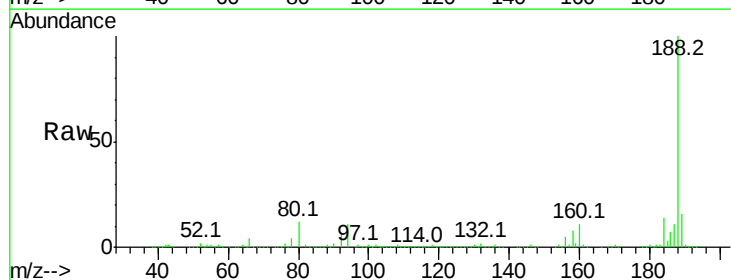
Instrument :
 BNA_F
 ClientSampleId :
 COMP1

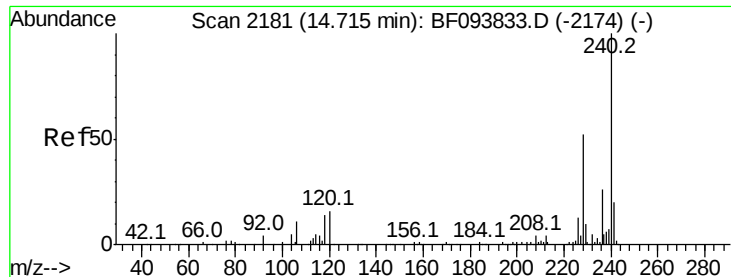
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.04 min
 Lab File: BF093918.D
 Acq: 24 Mar 2017 20:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.1	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.68 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF093918.D

Acq: 24 Mar 2017 20:41

Instrument :

BNA_F

ClientSampleId :

COMP1

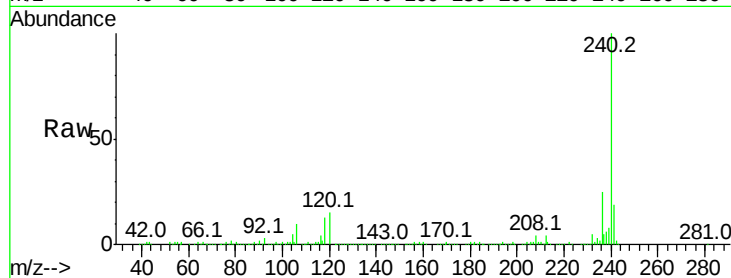
Tot Ion:240 Resp: 498284

Ion Ratio Lower Upper

240 100

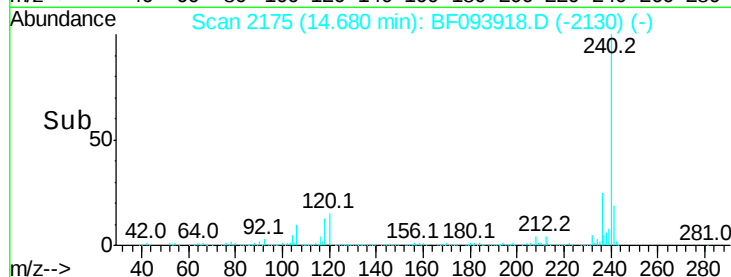
120 14.9 5.8 8.8#

236 25.3 20.5 30.7

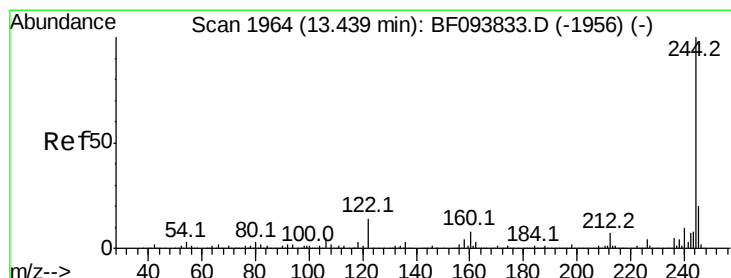


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.68



Time--> 14.60 14.70



#78

Terphenyl-d14

Concen: 66.43 ng

RT: 13.42 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BF093918.D

Acq: 24 Mar 2017 20:41

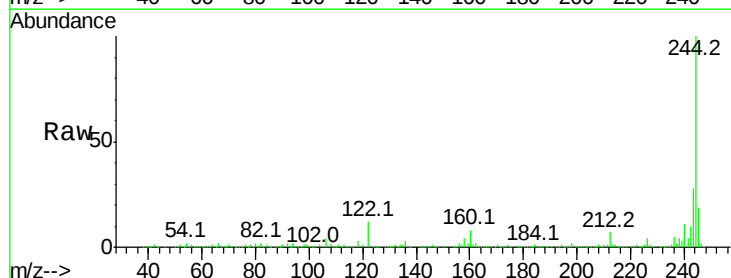
Tgt Ion:244 Resp: 1476772

Ion Ratio Lower Upper

244 100

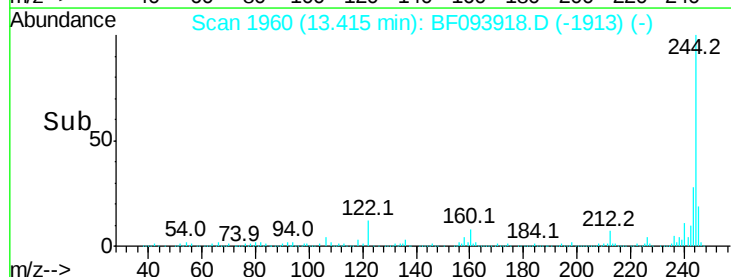
212 7.2 6.0 9.0

122 12.3 10.3 15.5

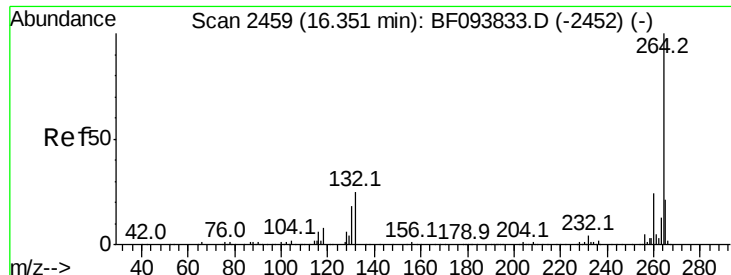


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

13.42



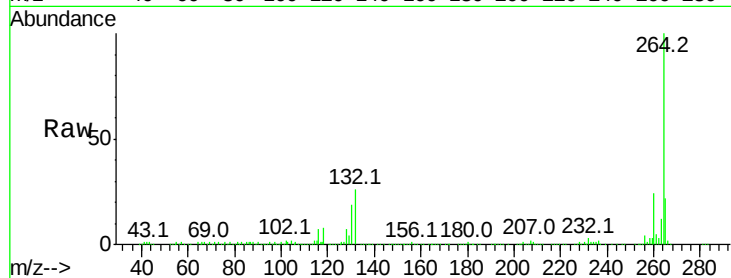
Time--> 13.30 13.40 13.50



#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.32 min Scan# 2453
 Delta R.T. -0.04 min
 Lab File: BF093918.D
 Acq: 24 Mar 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.7	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

