

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110228.D
 Acq On : 26 Oct 2018 23:40
 Operator : JU/SJ
 Sample : J5656-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 00:52:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122158	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	467180	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	179228	20.00	ng	-0.02
64) Phenanthrene-d10	11.51	188	245068	20.00	ng	0.00
76) Chrysene-d12	14.16	240	194464	20.00	ng	0.00
87) Perylene-d12	15.69	264	140386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	411115	54.80	ng	-0.01
7) Phenol-d6	6.59	99	320586	33.41	ng	-0.02
23) Nitrobenzene-d5	7.53	82	585245	74.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	150806	84.94	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	953594	83.55	ng	-0.01
79) Terphenyl-d14	13.10	244	711510	76.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	78705	12.786	ng	# 79
25) Isophorone	7.53	82	585236	43.589	ng	# 67
50) Dimethylphthalate	9.72	163	145451	10.994	ng	# 98
54) 2,4-Dinitrophenol	10.33	184	120	5.274	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.11	149	46829	5.725	ng	92

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

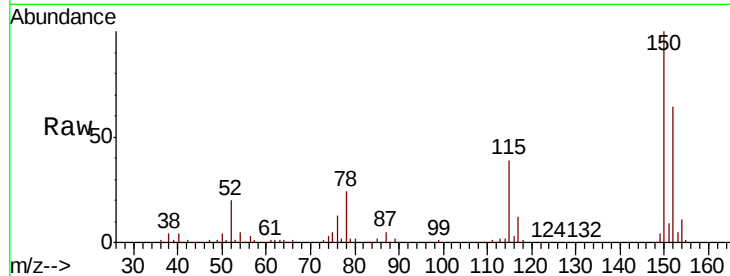


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110228.D
Acq: 26 Oct 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	60.0	49.1	73.7

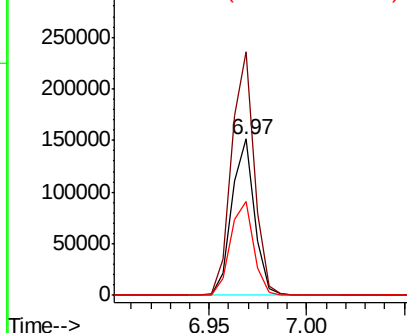
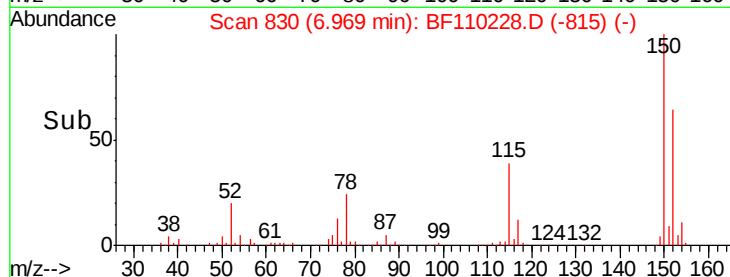


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

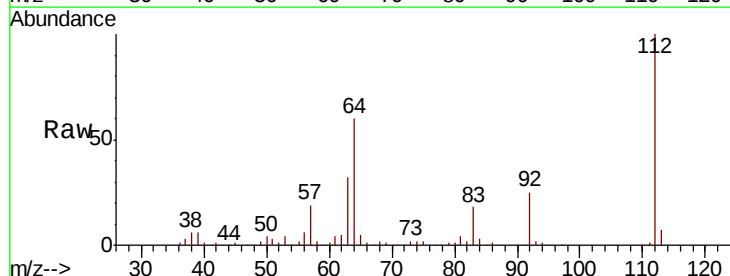
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.805 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110228.D
Acq: 26 Oct 2018 23:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	31.6	23.7	35.5

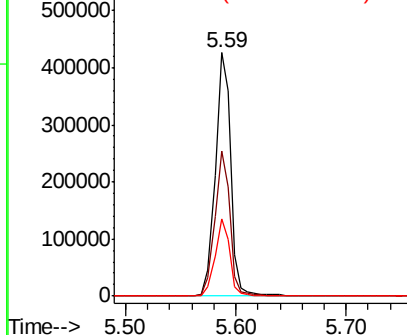
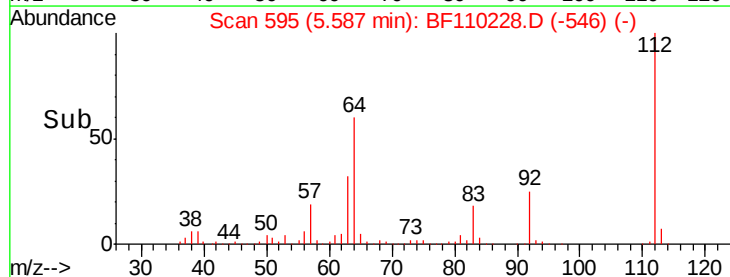


Abundance

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: 33.412 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110228.D

Acq: 26 Oct 2018 23:40

Instrument :

BNA_F

ClientSampled :

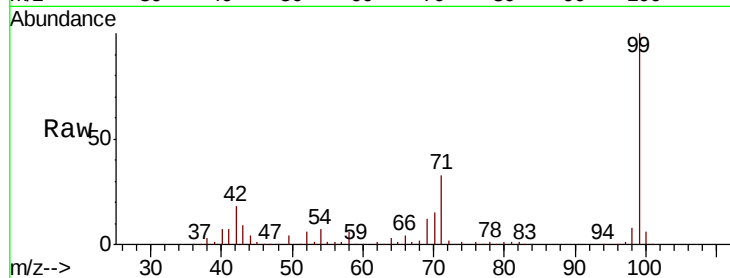
Tot Ion: 99 Resp: 320586

Ion Ratio Lower Upper

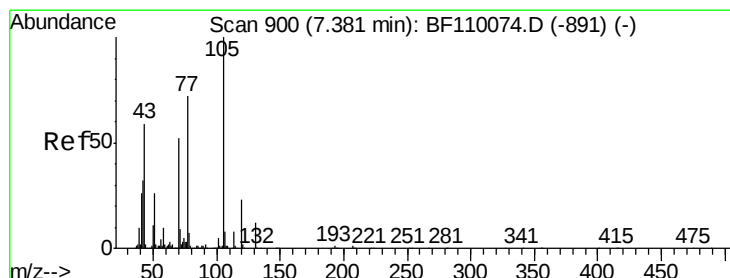
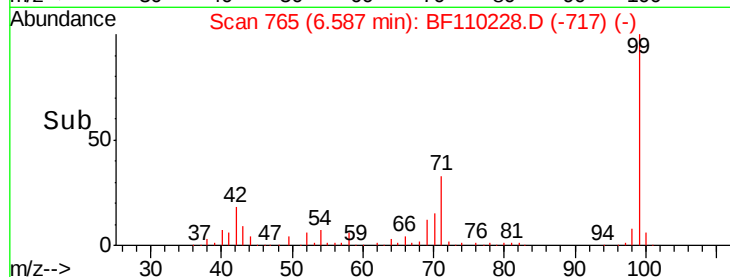
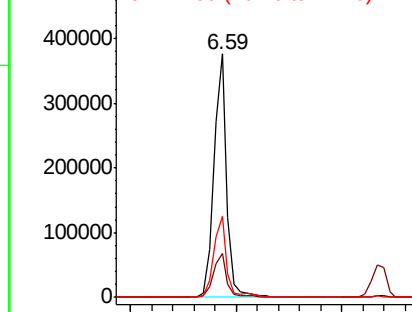
99 100

42 18.0 15.8 23.6

71 33.2 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.786 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110228.D

Acq: 26 Oct 2018 23:40

Tgt Ion: 70 Resp: 78705

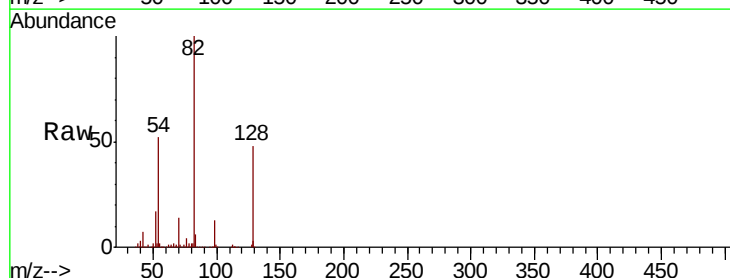
Ion Ratio Lower Upper

70 100

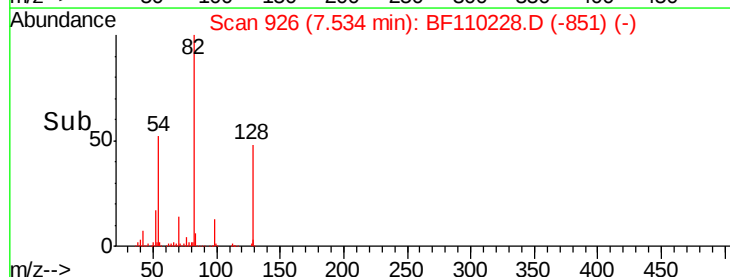
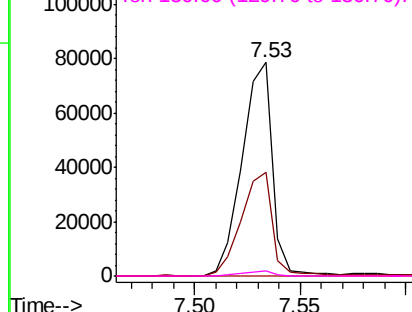
42 48.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110228.D

Acq: 26 Oct 2018 23:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 467180

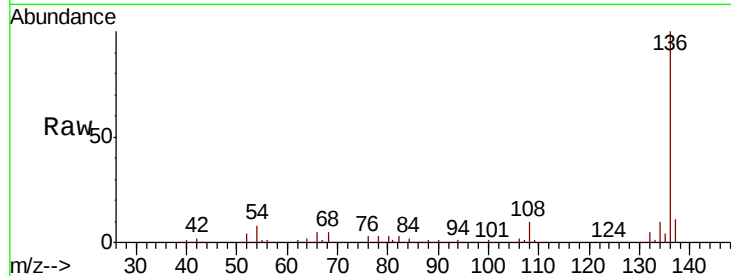
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.9 5.4 8.2

68 5.4 4.2 6.2

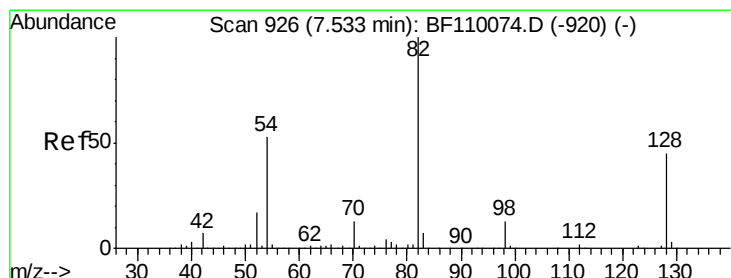
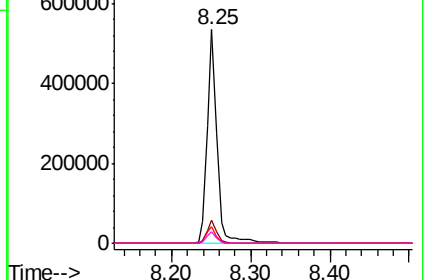
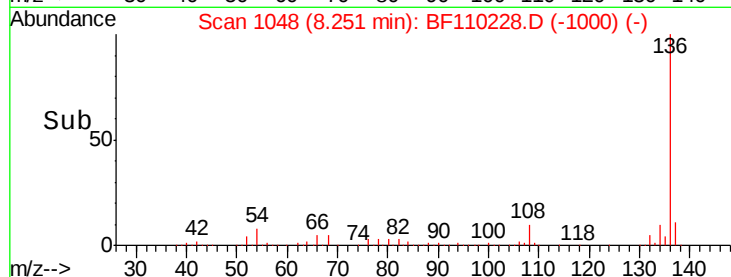


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 74.303 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110228.D

Acq: 26 Oct 2018 23:40

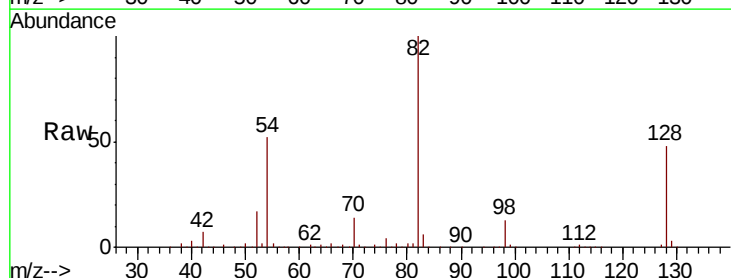
Tgt Ion: 82 Resp: 585245

Ion Ratio Lower Upper

82 100

128 47.9 34.2 51.2

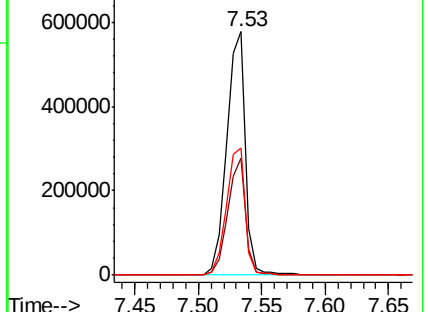
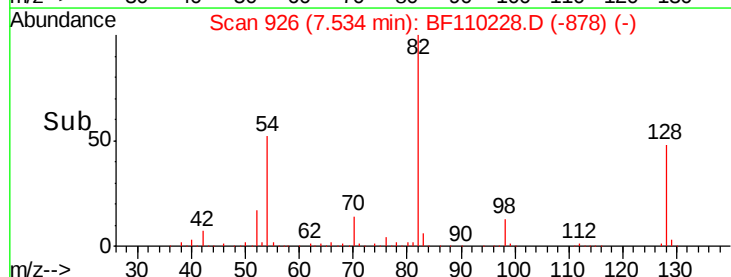
54 52.1 38.6 58.0

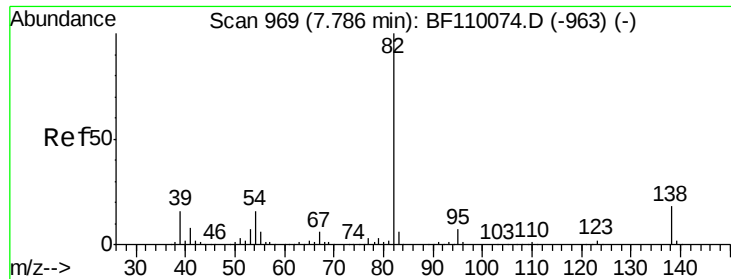


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.589 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110228.D

Acq: 26 Oct 2018 23:40

Instrument :

BNA_F

ClientSampleId :

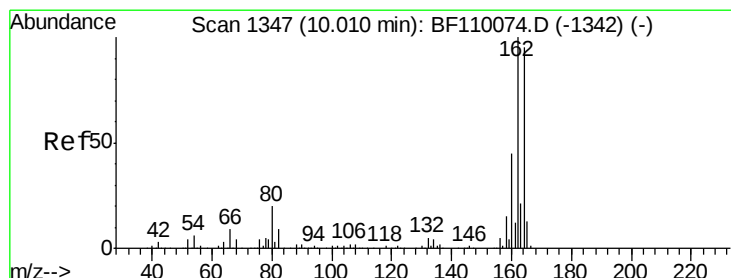
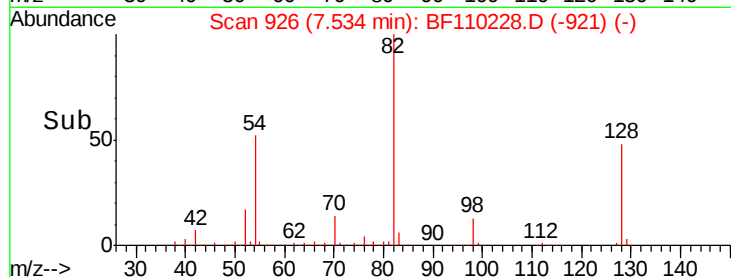
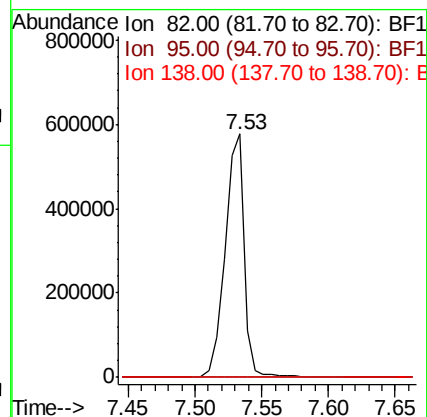
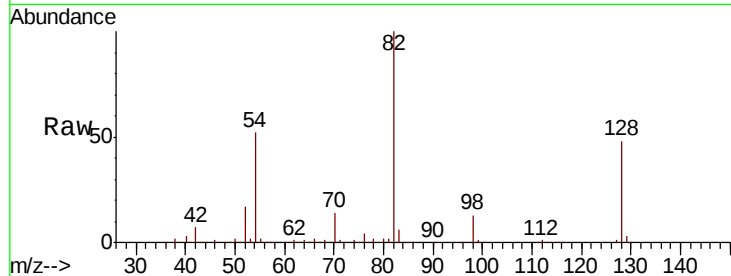
Tot Ion: 82 Resp: 585236

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110228.D

Acq: 26 Oct 2018 23:40

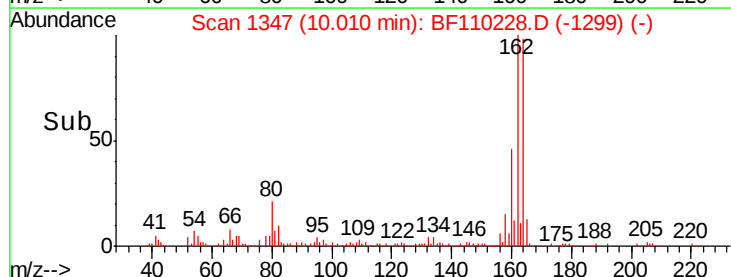
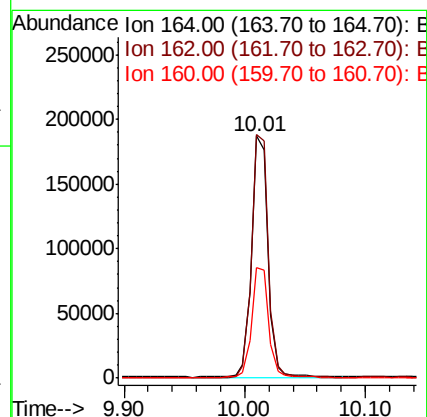
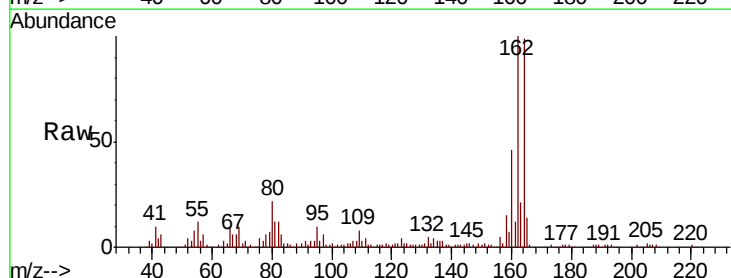
Tgt Ion: 164 Resp: 179228

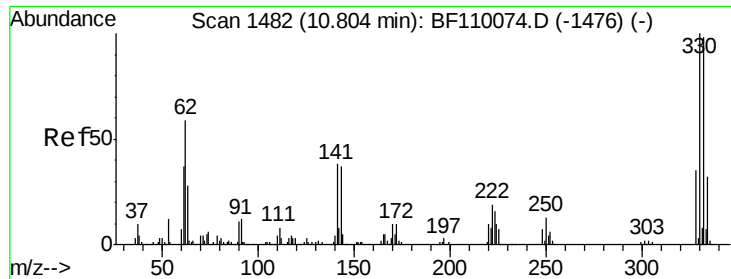
Ion Ratio Lower Upper

164 100

162 100.6 83.0 124.6

160 45.9 37.0 55.6

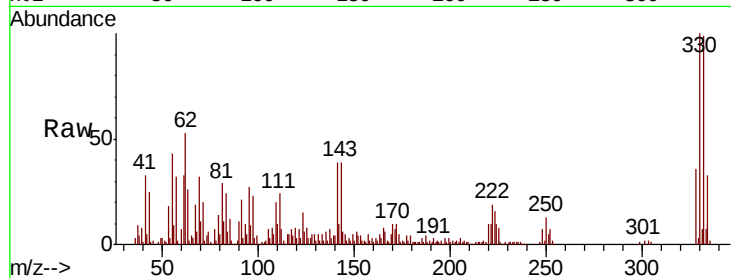




#42
 2,4,6-Tribromophenol
 Concen: 84.943 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF110228.D
 Acq: 26 Oct 2018 23:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.1	115.7
141	41.6	27.0	40.4

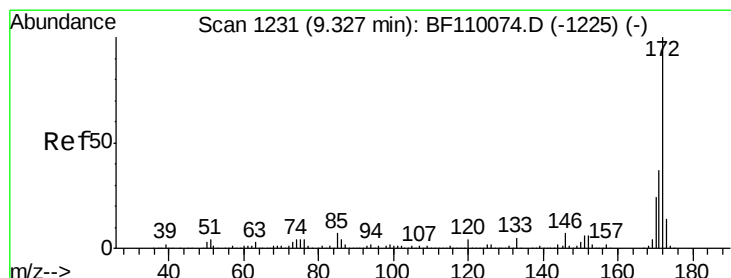
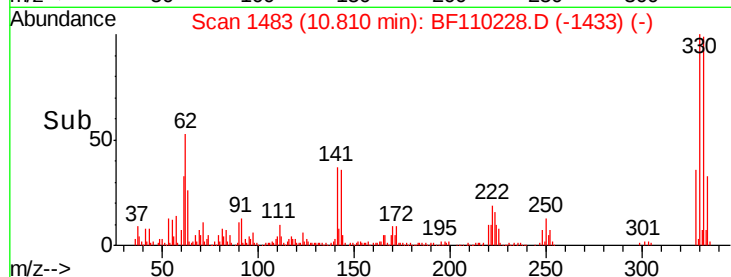
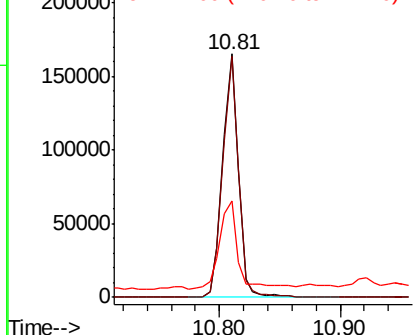


Abundance

Ion 329.80 (329.50 to 330.50): E

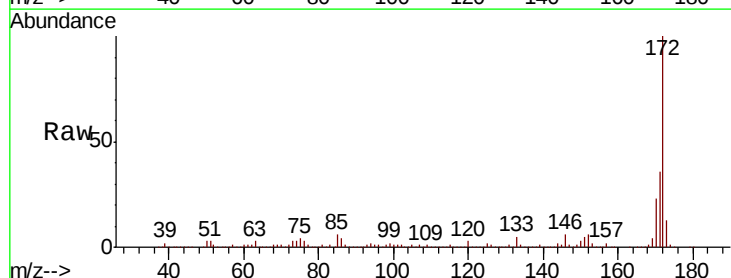
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.547 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110228.D
 Acq: 26 Oct 2018 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.4	19.7	29.5

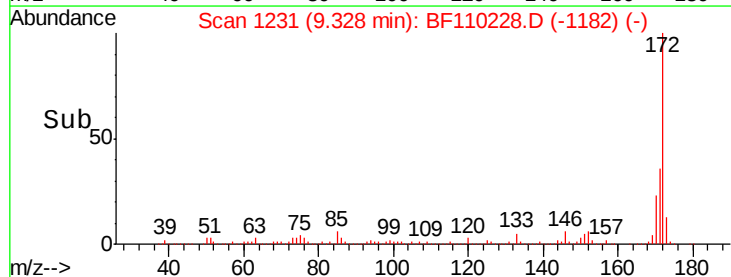
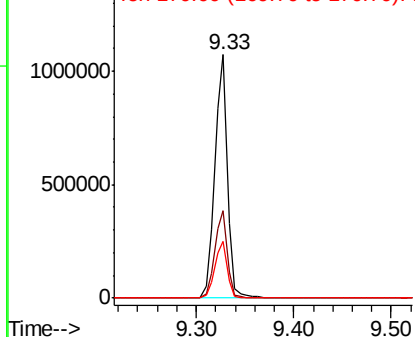


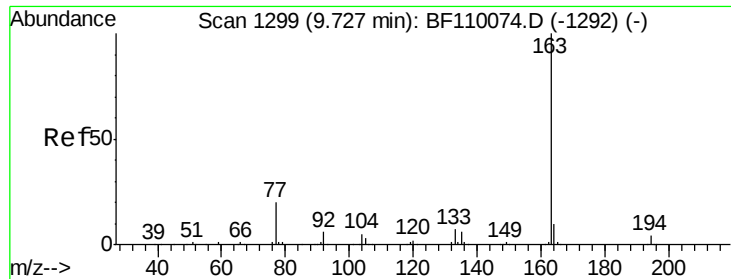
Abundance

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

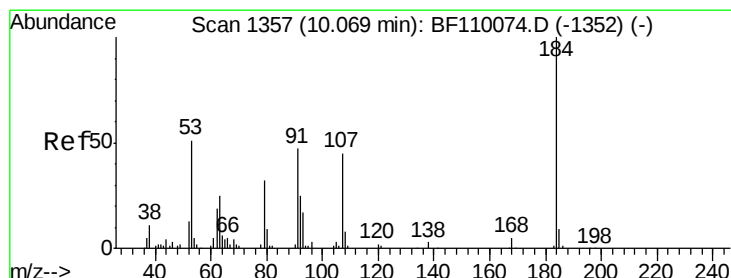
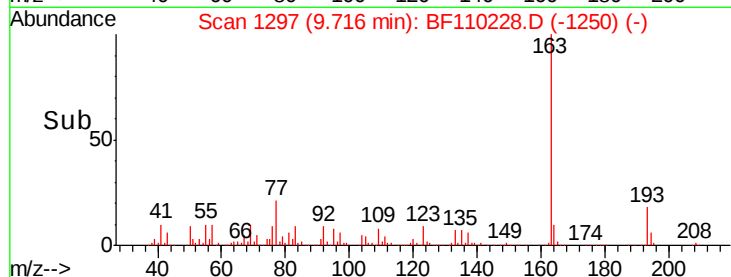
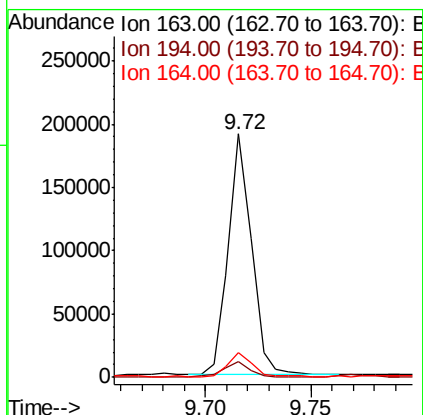
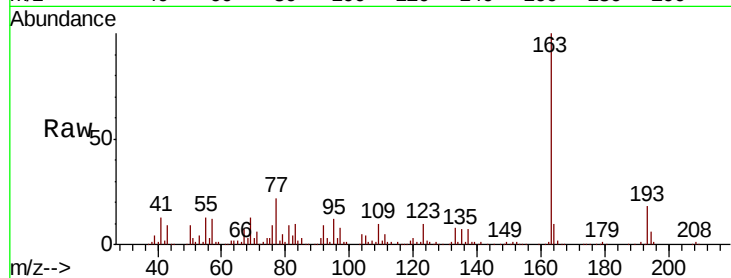




#50
Dimethylphthalate
Concen: 10.994 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110228.D
Acq: 26 Oct 2018 23:40

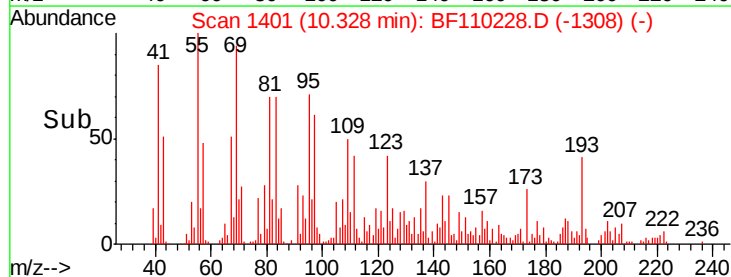
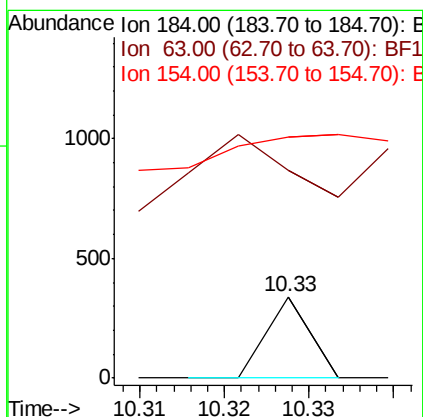
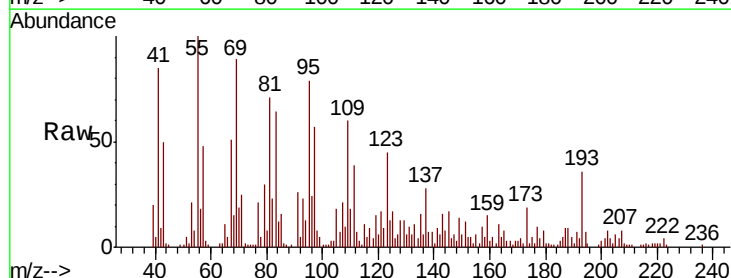
Instrument :
BNA_F
ClientSampleId :

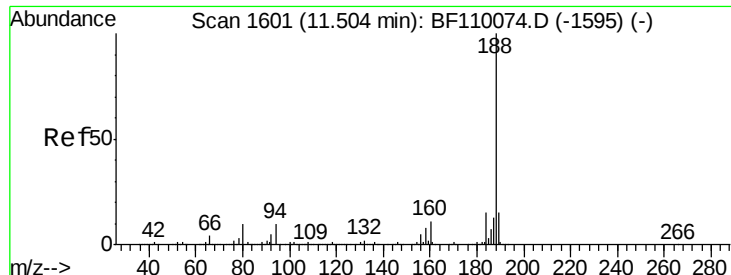
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.2	4.8#
164	10.3	8.1	12.1



#54
2,4-Dinitrophenol
Concen: 5.274 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.25 min
Lab File: BF110228.D
Acq: 26 Oct 2018 23:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	255.4	55.8	83.6#
154	295.3	63.2	94.8#

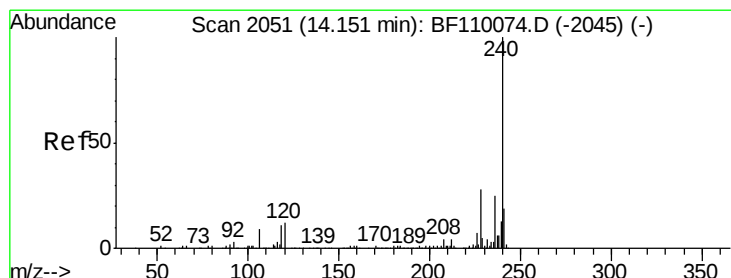
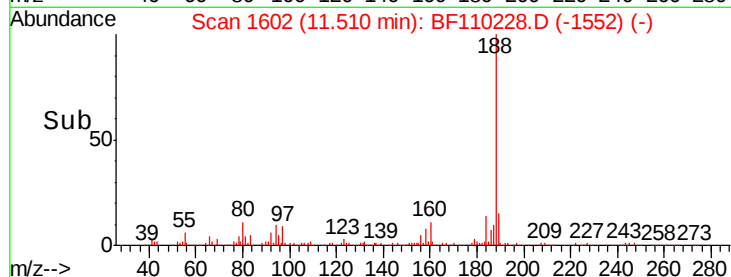
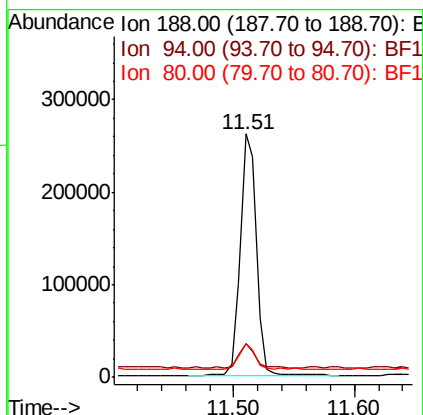
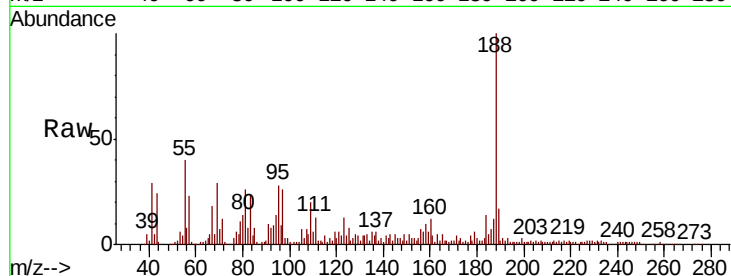




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110228.D
Acq: 26 Oct 2018 23:40

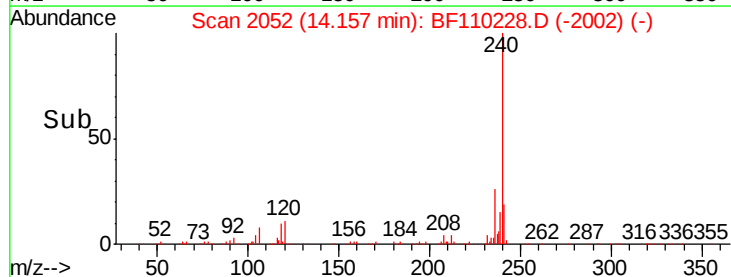
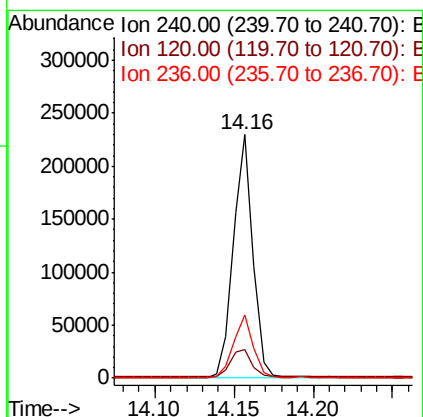
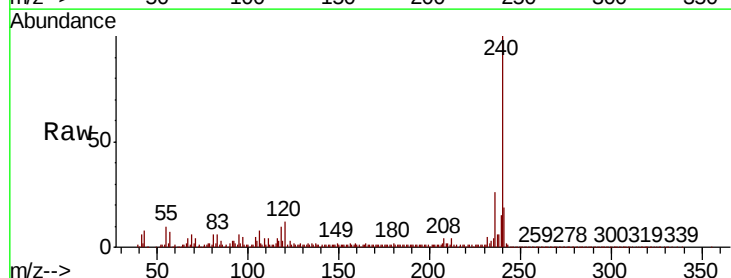
Instrument :
BNA_F
ClientSampleId :

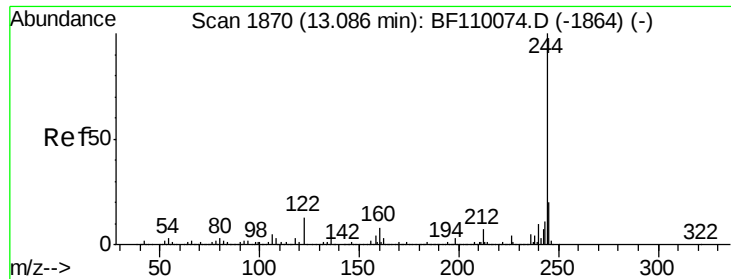
Tot Ion:188 Resp: 245068
Ion Ratio Lower Upper
188 100
94 13.8 7.2 10.8#
80 13.7 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110228.D
Acq: 26 Oct 2018 23:40

Tgt Ion:240 Resp: 194464
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 26.0 21.2 31.8





#79

Terphenyl-d14

Concen: 76.093 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110228.D

Acq: 26 Oct 2018 23:40

Instrument :

BNA_F

ClientSampled :

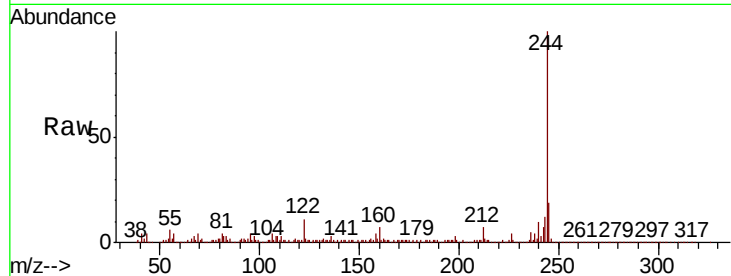
Tot Ion:244 Resp: 711510

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

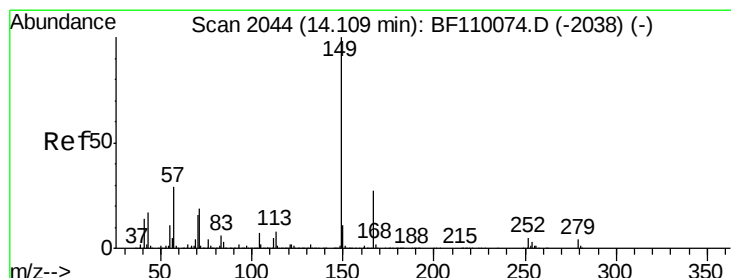
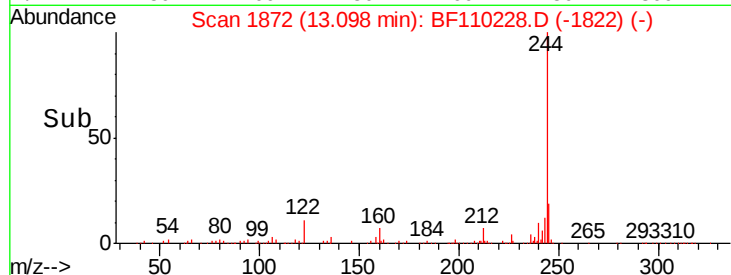
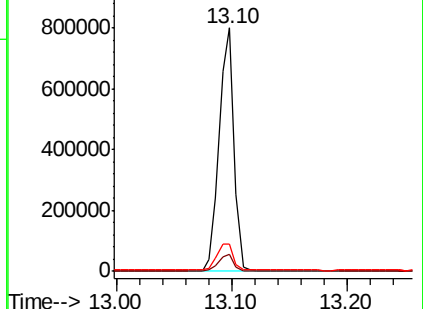
122 11.4 8.7 13.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.725 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110228.D

Acq: 26 Oct 2018 23:40

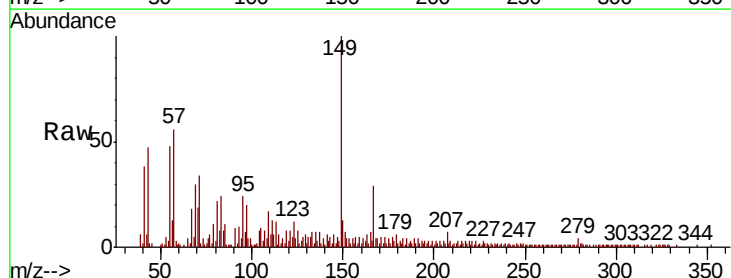
Tgt Ion:149 Resp: 46829

Ion Ratio Lower Upper

149 100

167 29.1 19.8 29.8

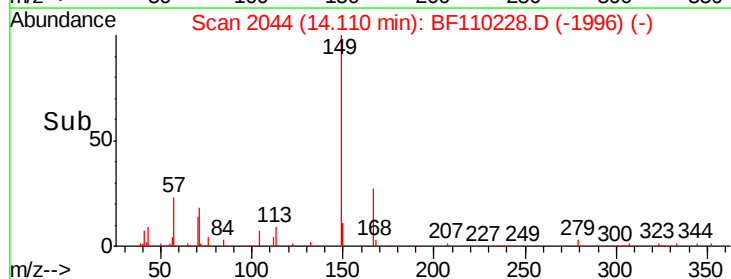
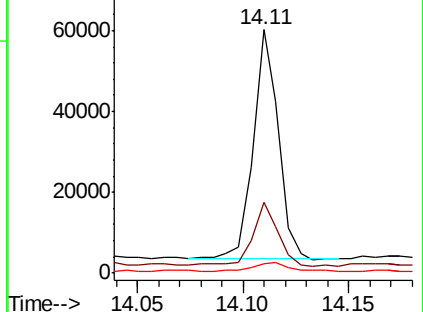
279 3.7 2.7 4.1

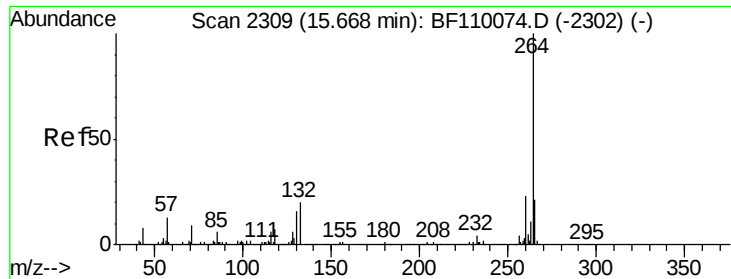


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

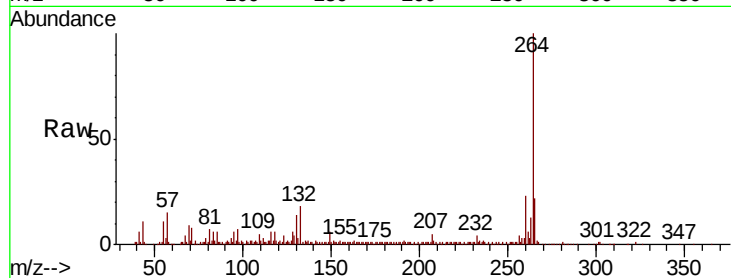




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF110228.D
Acq: 26 Oct 2018 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.3	16.7	25.1



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

