

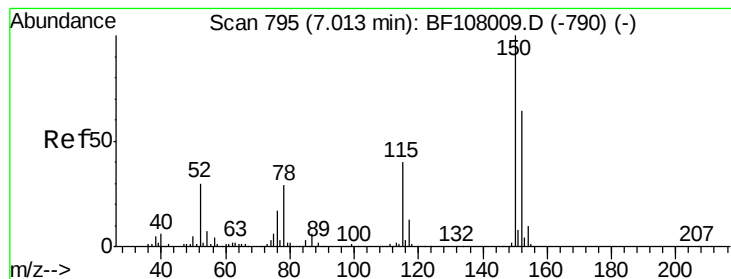
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
 Data File : BF108362.D
 Acq On : 22 Aug 2018 2:37
 Operator : JU/SJ
 Sample : J4275-11 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-B

Quant Time: Aug 22 03:33:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	159953	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	604759	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	273453	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	444433	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	372543	20.00	ng	-0.02
86) Perylene-d12	15.75	264	303915	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	159834	18.09	ng	-0.01
7) Phenol-d6	6.61	99	216610	18.45	ng	-0.02
23) Nitrobenzene-d5	7.56	82	133705	12.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	41137	15.08	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	260266	15.28	ng	-0.02
78) Terphenyl-d14	13.12	244	197366	13.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	16947	2.135	ng	# 87
25) Isophorone	7.56	82	133704	6.473	ng	# 64
50) 2,6-Dinitrotoluene	10.05	165	35433	8.891	ng	# 25
56) 2,4-Dinitrotoluene	10.05	165	35433	6.907	ng	# 23

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

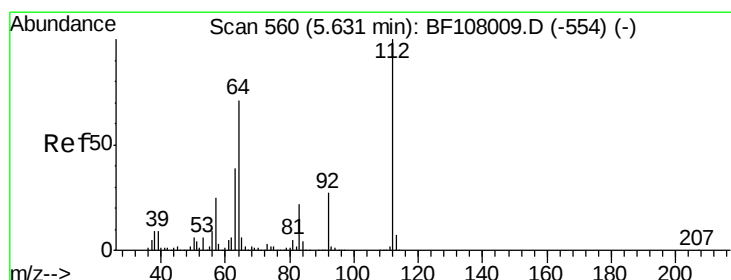
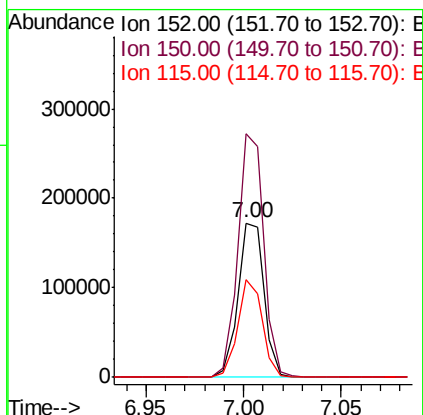
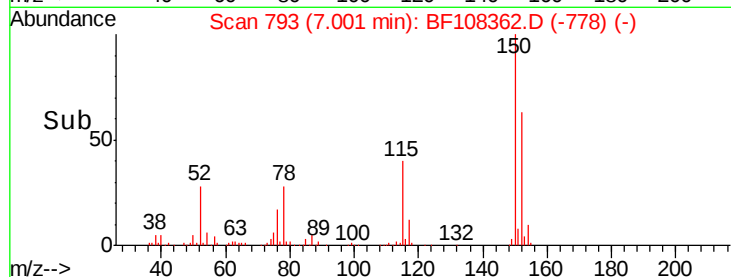
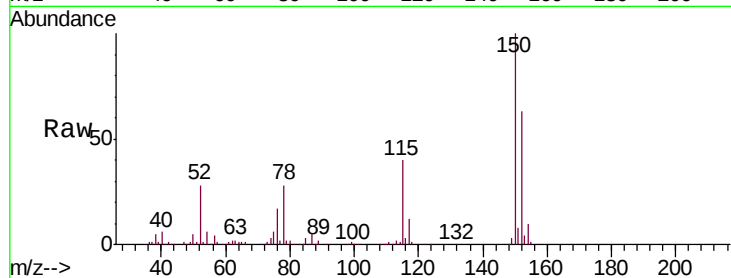


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108362.D
Acq: 22 Aug 2018 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082018-B

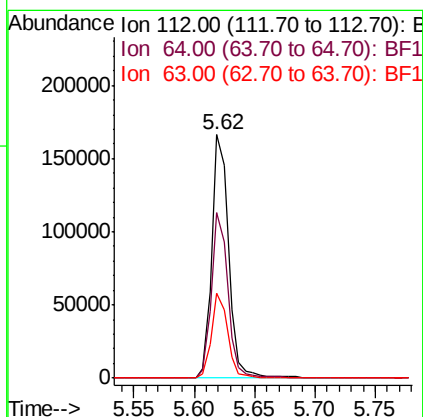
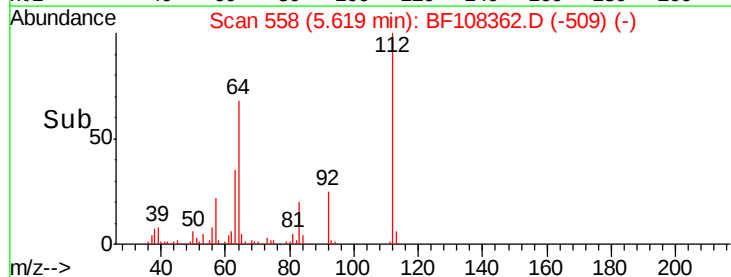
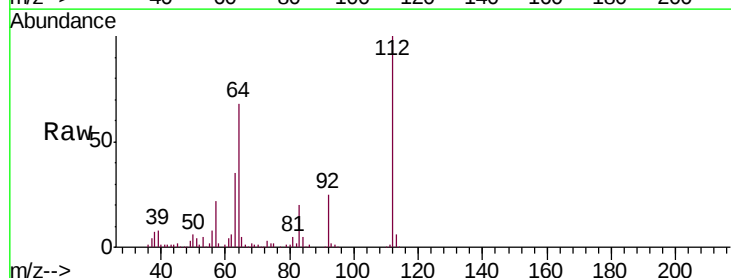
Tgt Ion:152 Resp: 159953
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 63.1 50.1 75.1

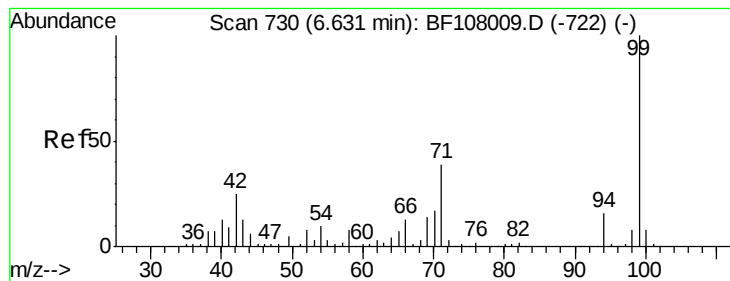


#5

2-Fluorophenol
Concen: 18.091 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108362.D
Acq: 22 Aug 2018 2:37

Tgt Ion:112 Resp: 159834
Ion Ratio Lower Upper
112 100
64 67.9 47.9 71.9
63 34.9 23.7 35.5





#7

Phenol-d6

Concen: 18.450 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

CL-01-082018-B

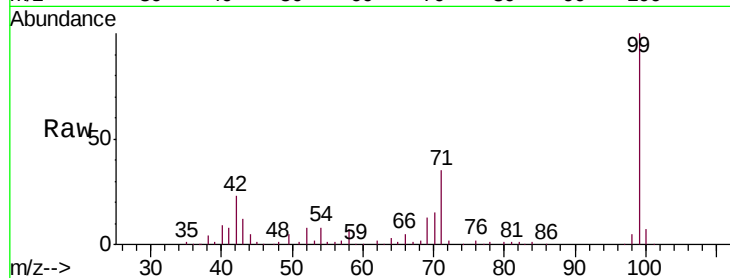
Tgt Ion: 99 Resp: 216610

Ion Ratio Lower Upper

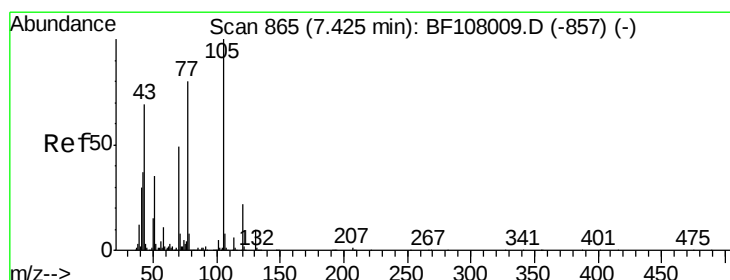
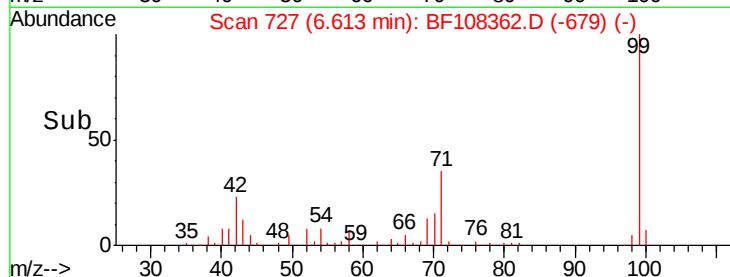
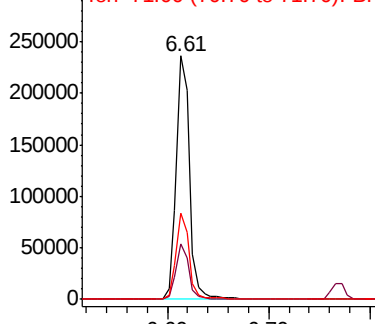
99 100

42 23.0 14.5 21.7#

71 35.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.135 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

Tgt Ion: 70 Resp: 16947

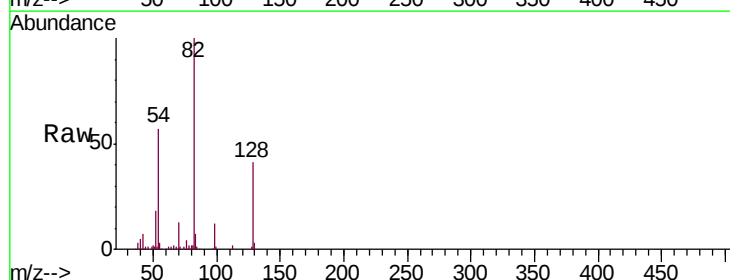
Ion Ratio Lower Upper

70 100

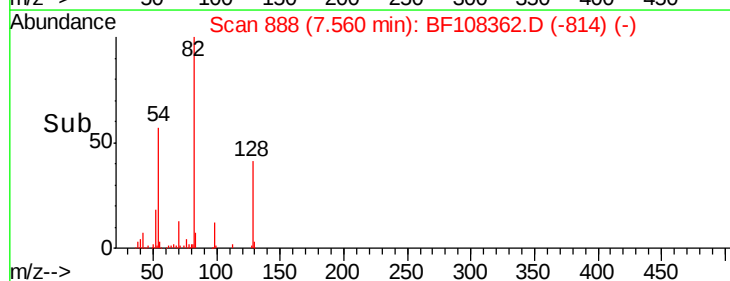
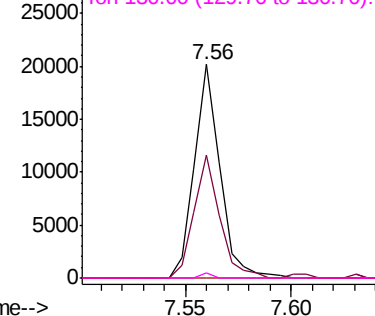
42 57.5 47.5 71.3

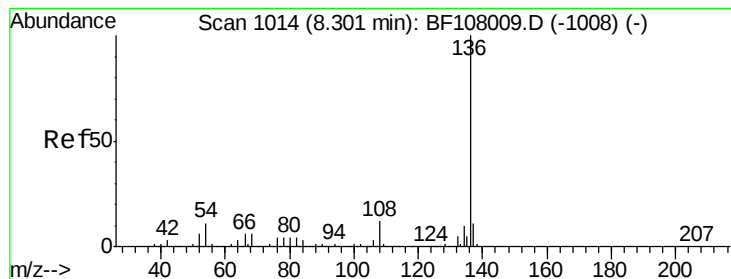
101 0.0 7.4 11.2#

130 2.7 16.6 25.0#



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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

CL-01-082018-B

Tgt Ion: 136 Resp: 604759

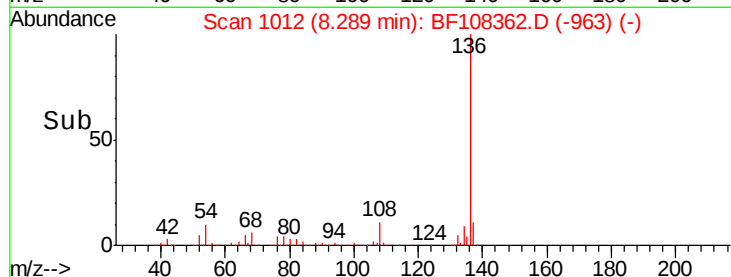
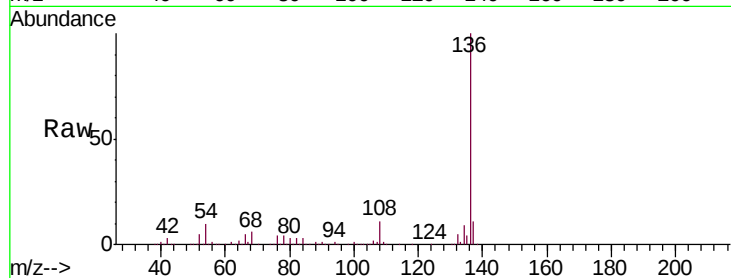
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.6 6.6 9.8

68 5.7 5.0 7.4

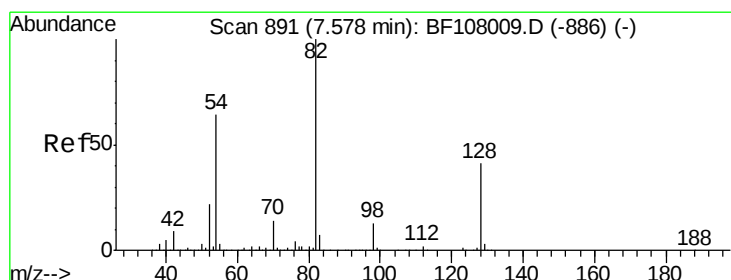
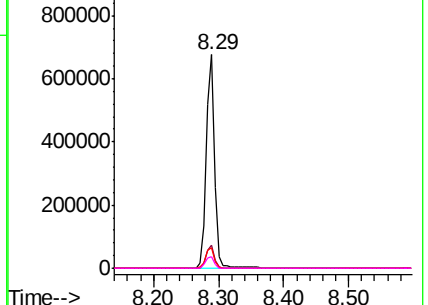


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.337 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

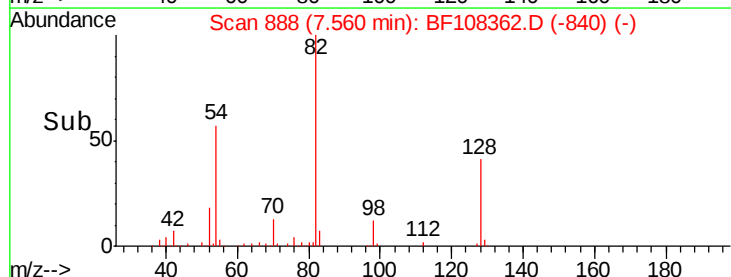
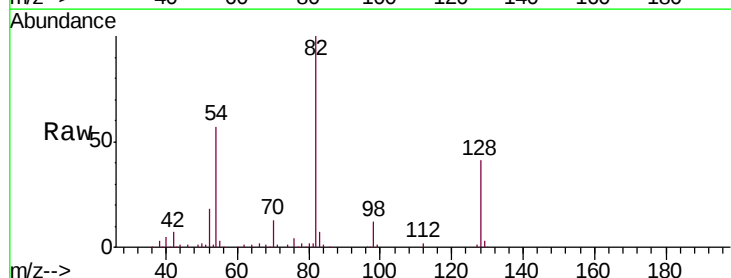
Tgt Ion: 82 Resp: 133705

Ion Ratio Lower Upper

82 100

128 40.7 36.1 54.1

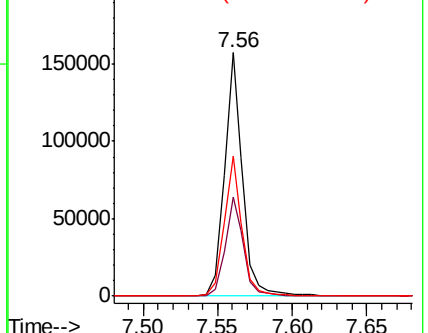
54 57.3 41.4 62.2

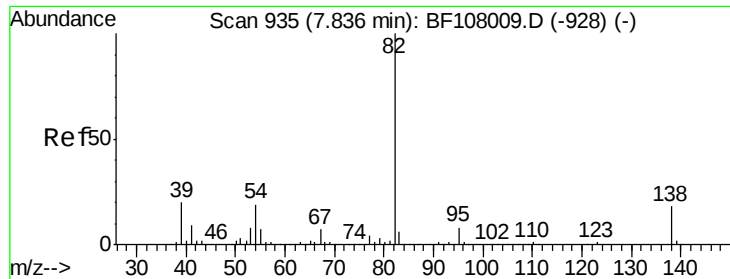


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 6.473 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.28 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

CL-01-082018-B

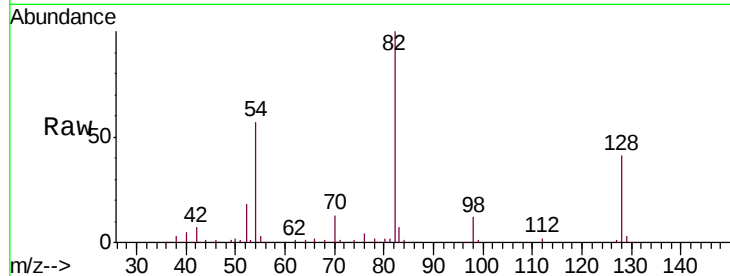
Tgt Ion: 82 Resp: 133704

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

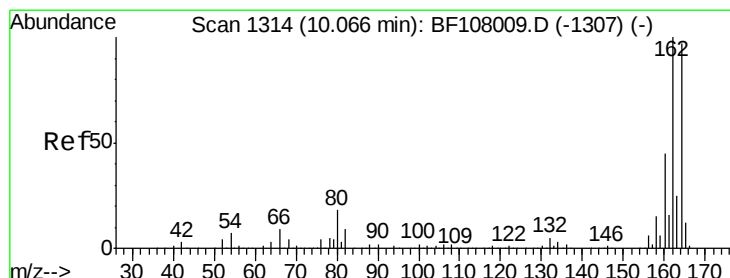
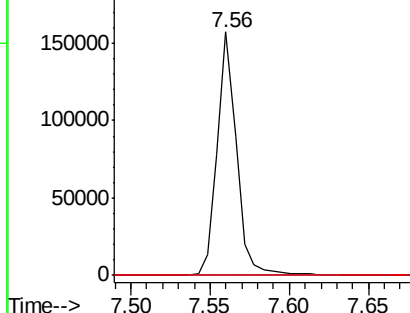
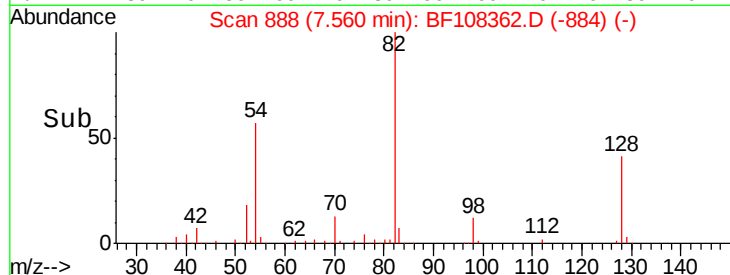
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

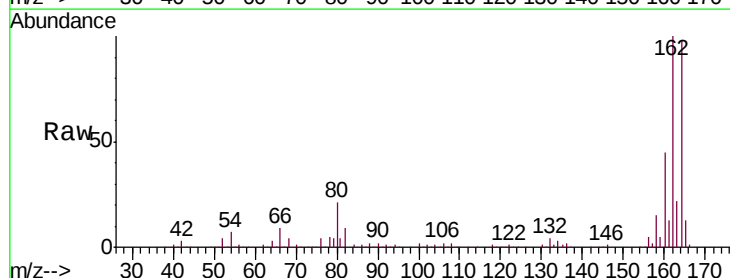
Tgt Ion: 164 Resp: 273453

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

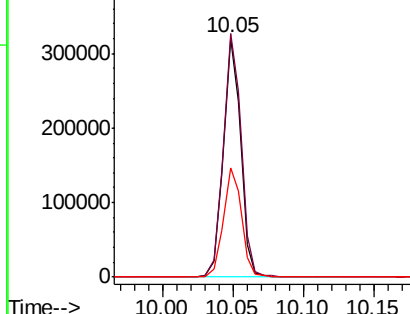
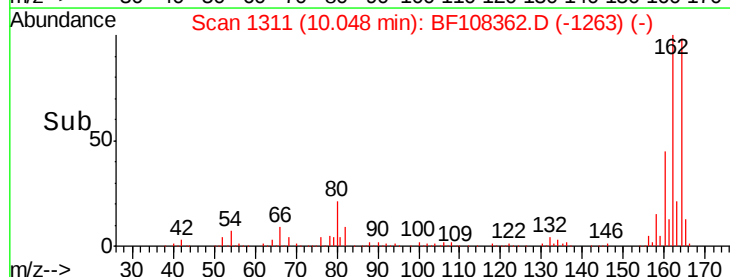
160 45.7 38.3 57.5

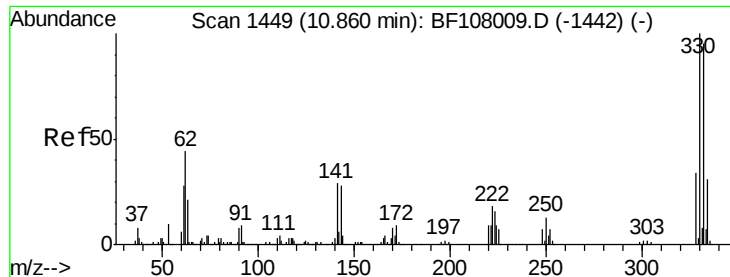


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

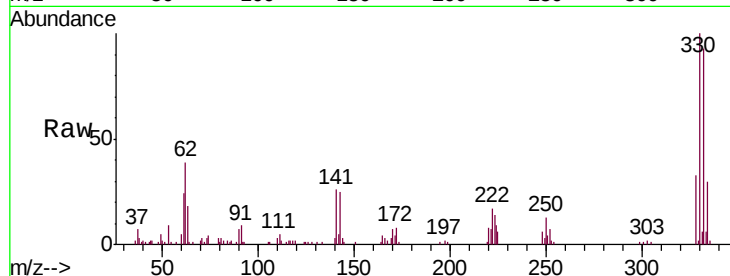




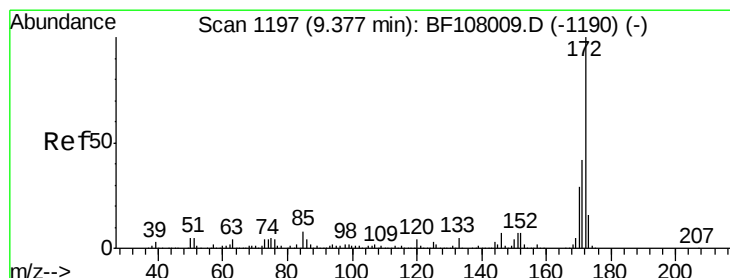
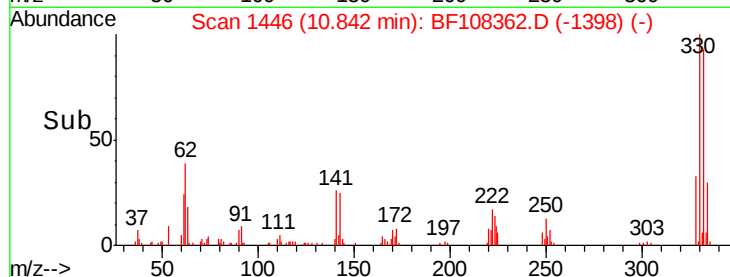
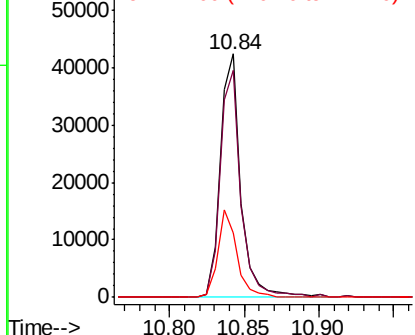
#41
 2,4,6-Tribromophenol
 Concen: 15.082 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108362.D
 Acq: 22 Aug 2018 2:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-B

Tgt Ion: 330 Resp: 41137
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 33.0 29.9 44.9

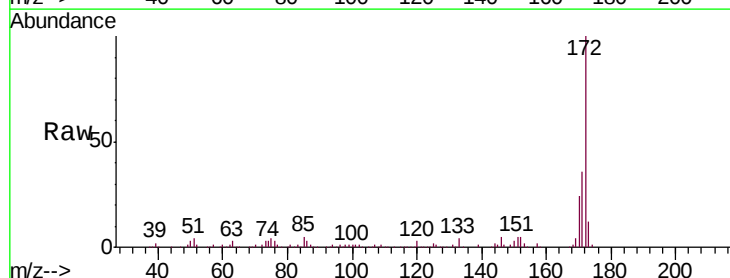


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

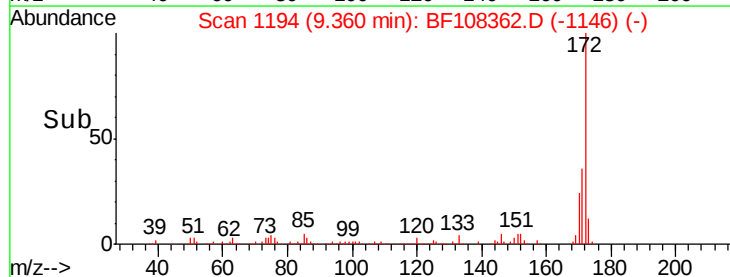
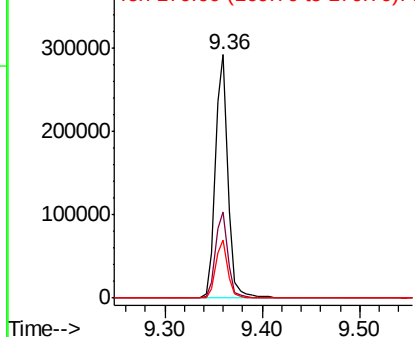


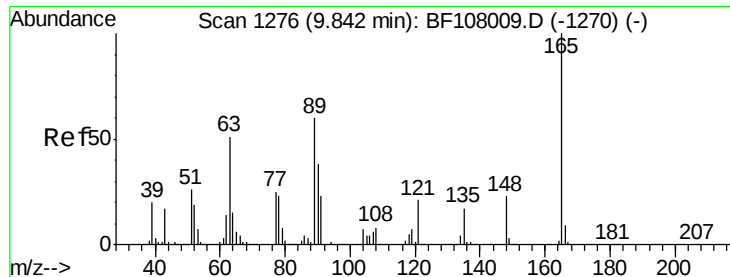
#44
 2-Fluorobiphenyl
 Concen: 15.280 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108362.D
 Acq: 22 Aug 2018 2:37

Tgt Ion: 172 Resp: 260266
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.0 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

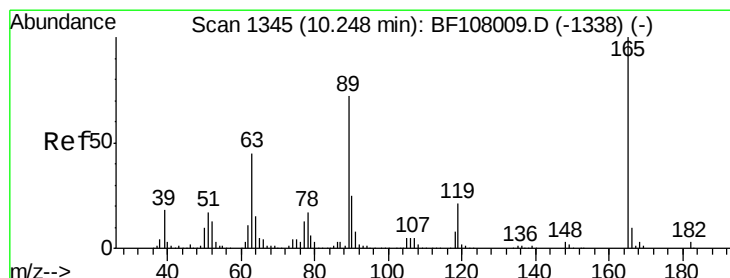
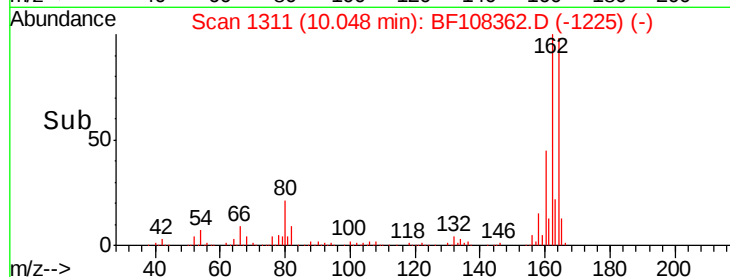
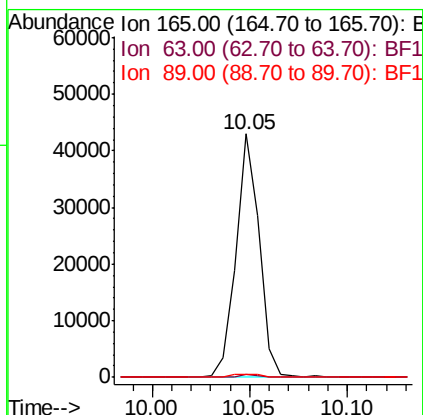
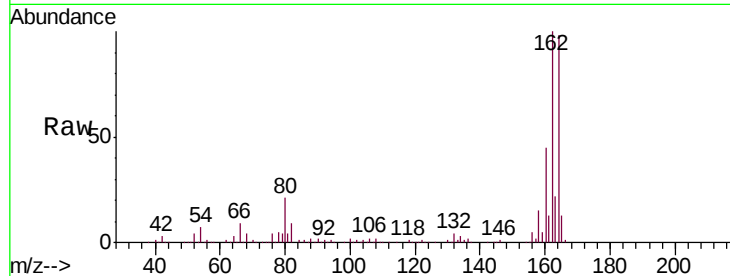




#50
 2,6-Dinitrotoluene
 Concen: 8.891 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.21 min
 Lab File: BF108362.D
 Acq: 22 Aug 2018 2:37

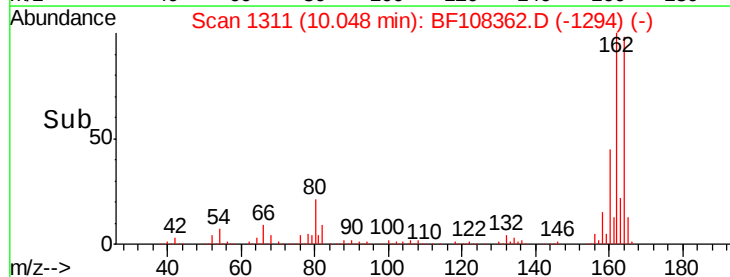
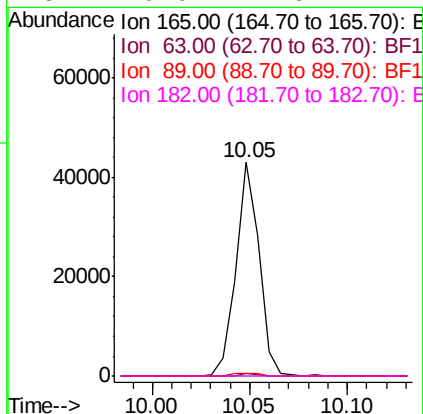
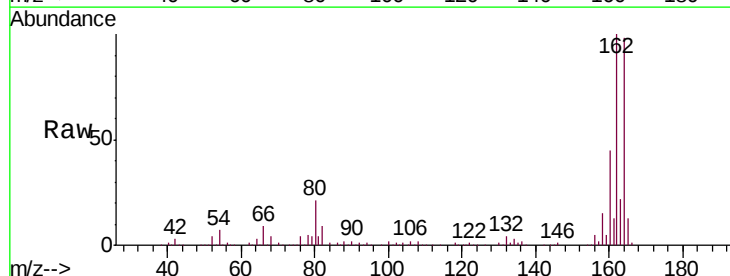
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-B

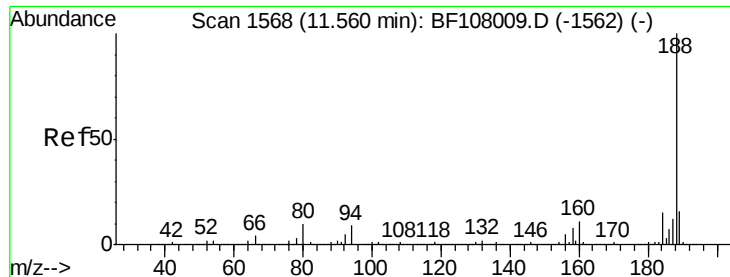
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.907 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.20 min
 Lab File: BF108362.D
 Acq: 22 Aug 2018 2:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

CL-01-082018-B

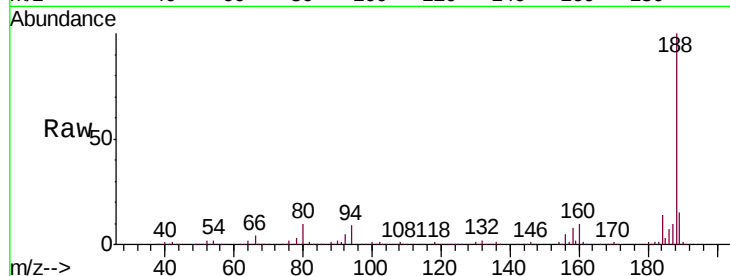
Tgt Ion:188 Resp: 444433

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

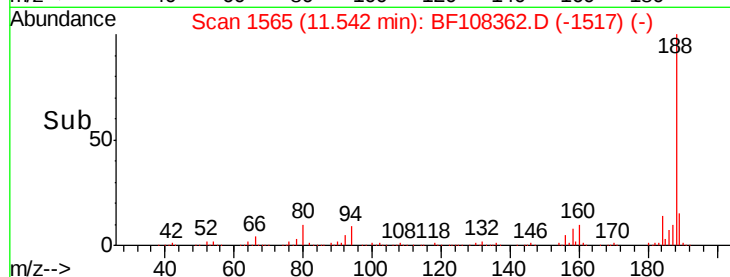
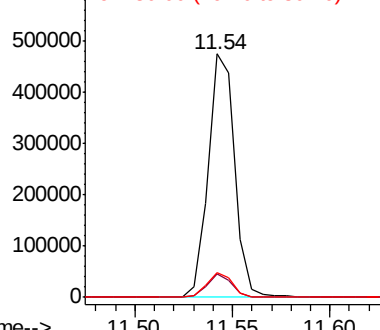
80 10.3 9.2 13.8



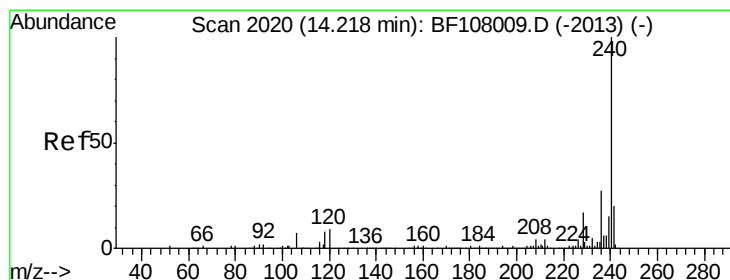
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

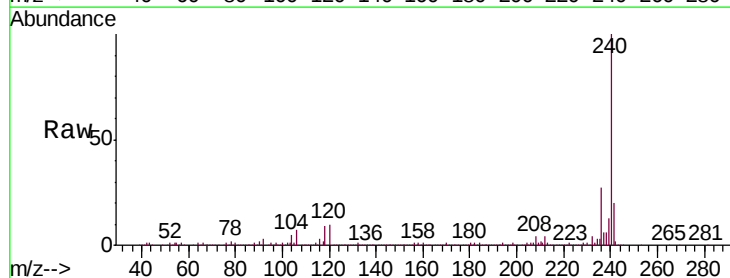
Tgt Ion:240 Resp: 372543

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

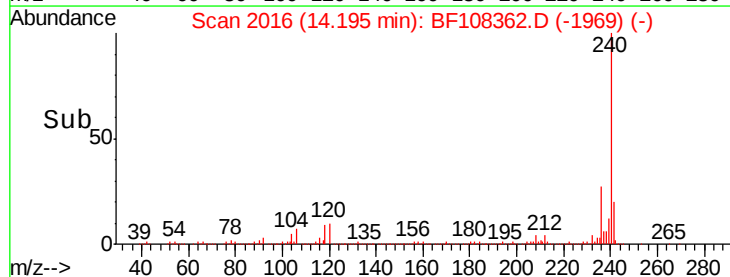
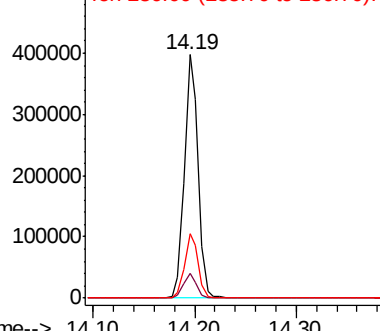
236 26.6 20.7 31.1



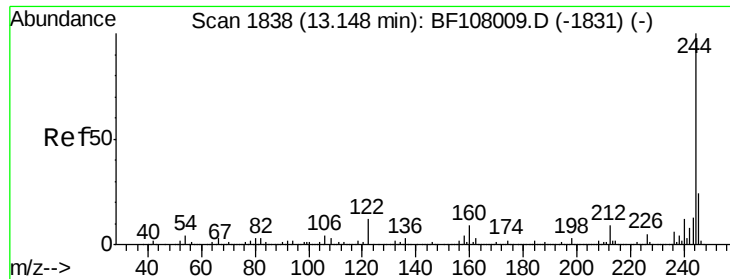
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 13.470 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

CL-01-082018-B

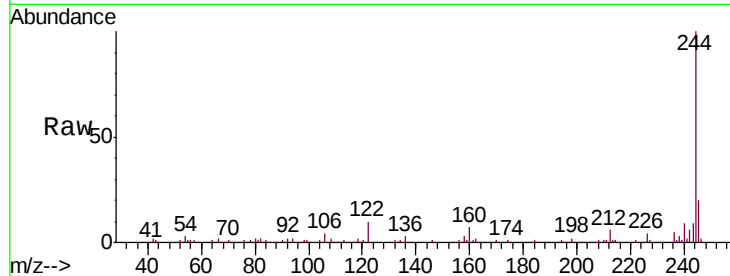
Tgt Ion:244 Resp: 197366

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

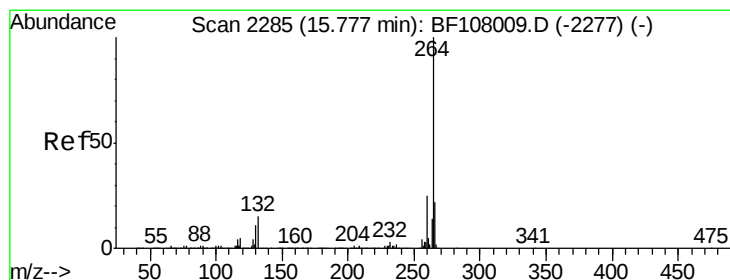
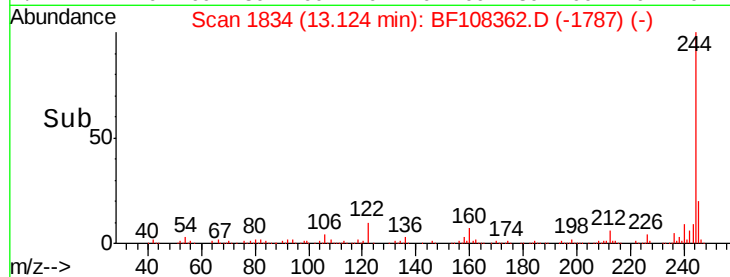
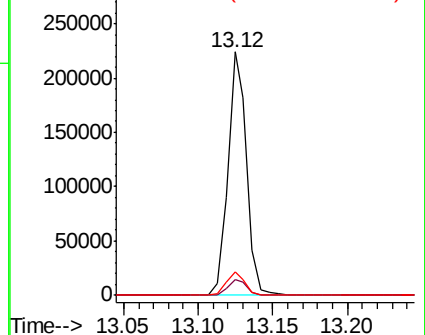
122 9.8 11.0 16.4#



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: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108362.D

Acq: 22 Aug 2018 2:37

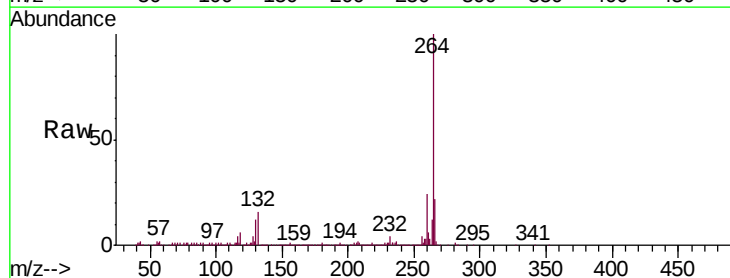
Tgt Ion:264 Resp: 303915

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 17.5 26.3



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

