

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095012.D
 Acq On : 9 May 2017 8:54
 Operator : SJ/MA
 Sample : I2947-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:45:33 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

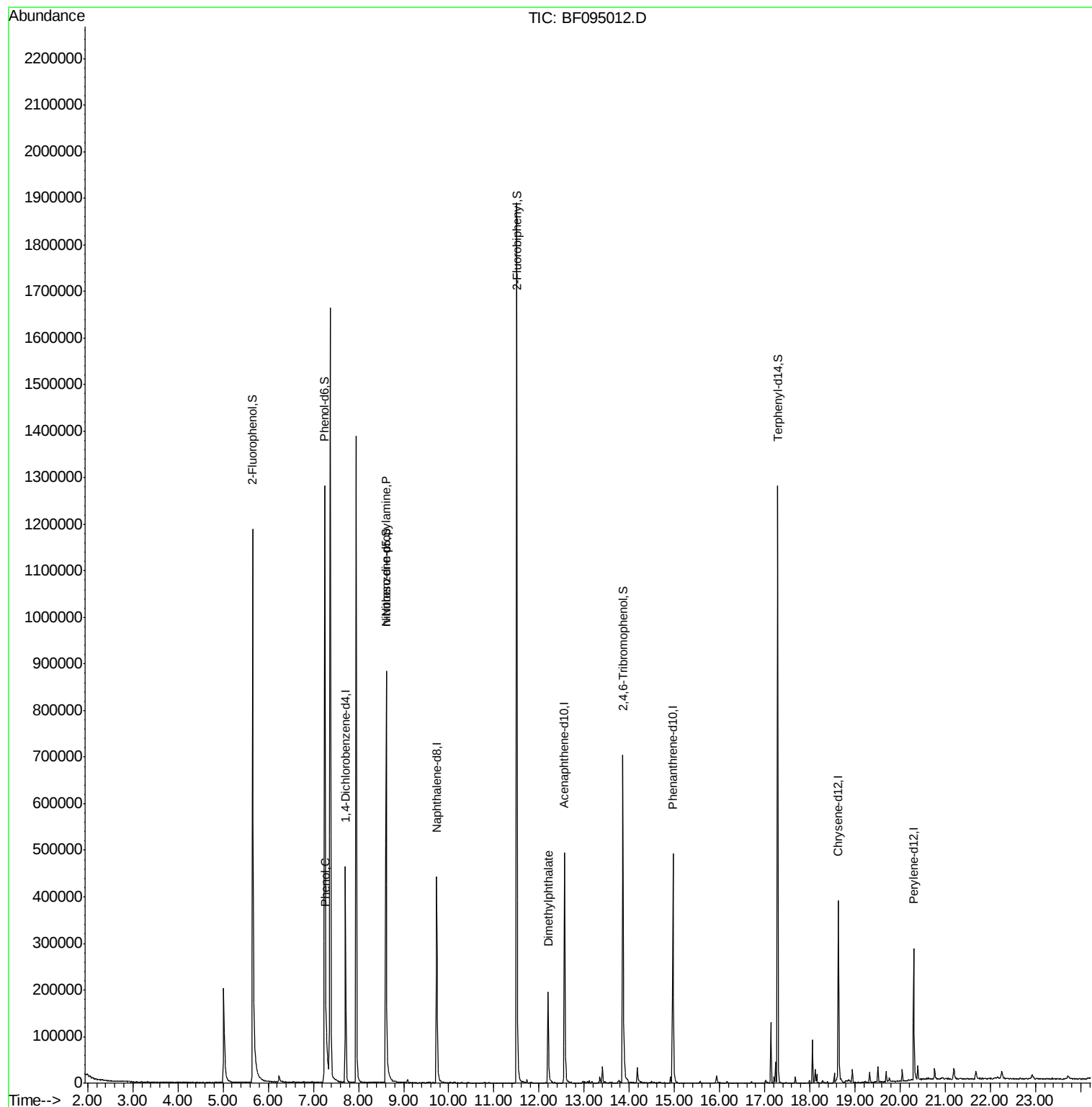
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	96792	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	346851	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	158953	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	276040	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	182959	20.00	ng	-0.02
86) Perylene-d12	20.30	264	144173	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	619088	106.64	ng	-0.02
7) Phenol-d6	7.25	99	794168	114.01	ng	-0.02
23) Nitrobenzene-d5	8.61	82	449630	81.74	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	134513	103.33	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	850766	77.04	ng	-0.02
78) Terphenyl-d14	17.29	244	470748	56.67	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	16441	2.24	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	8.61	70	56531	12.00	ng	# 73
49) Dimethylphthalate	12.20	163	137690	10.55	ng	97

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

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QLast Update : Wed May 03 17:24:51 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Instrument :

BNA_F

ClientSampleId :

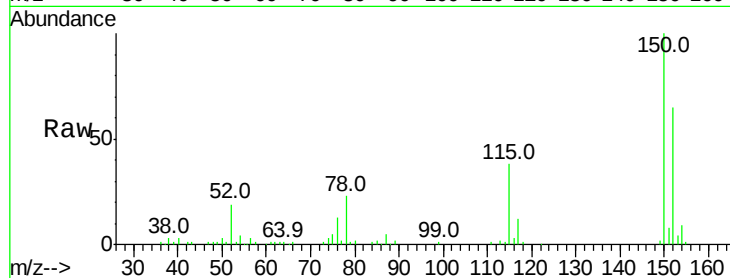
Tot Ion:152 Resp: 96792

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

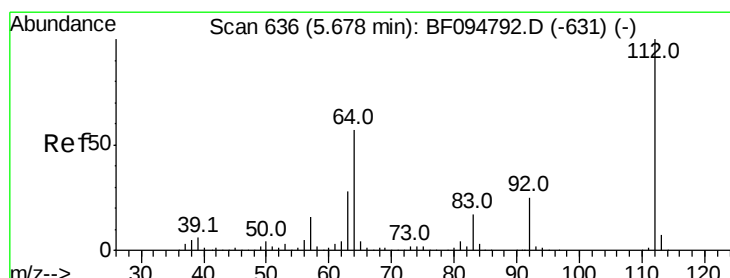
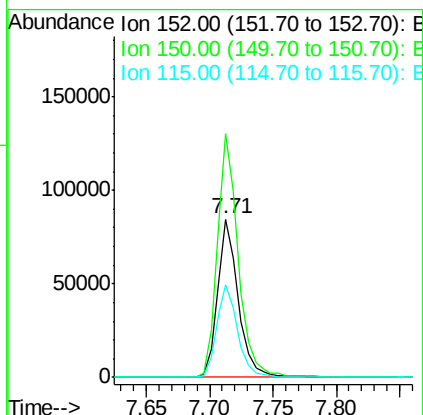
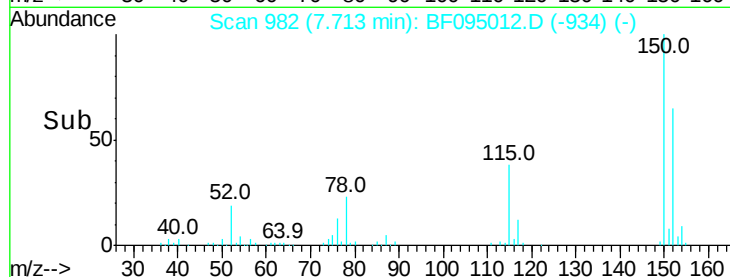
115 58.8 52.2 78.2



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: 106.64 ng

RT: 5.65 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

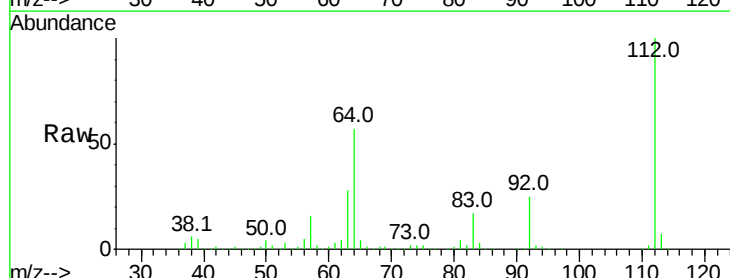
Tgt Ion:112 Resp: 619088

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

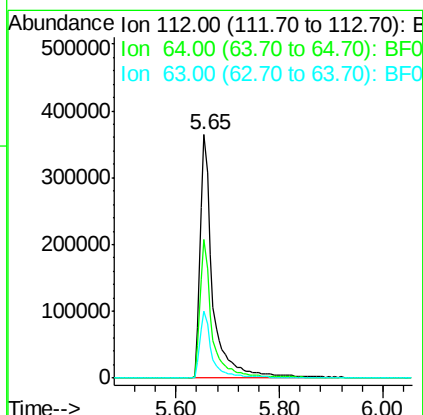
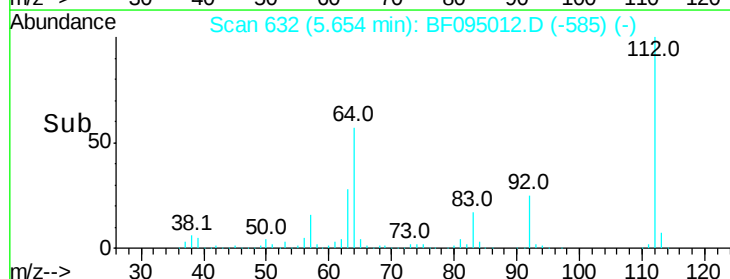
63 27.6 23.4 35.0



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: 114.01 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Instrument :

BNA_F

ClientSampleId :

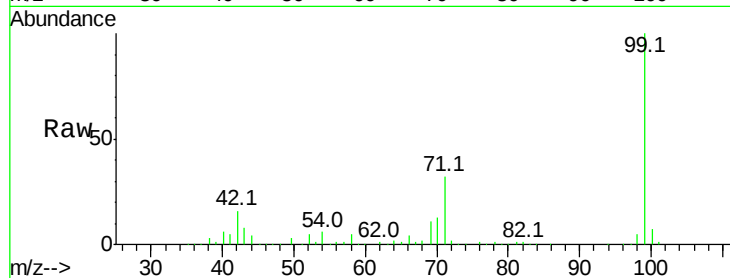
Tot Ion: 99 Resp: 794168

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

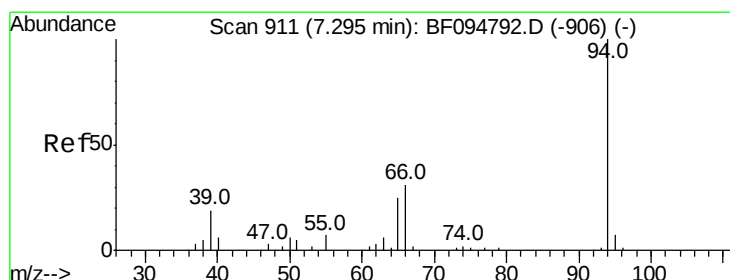
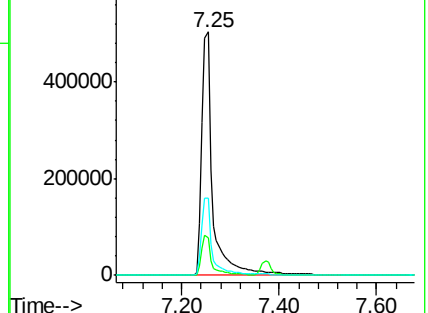
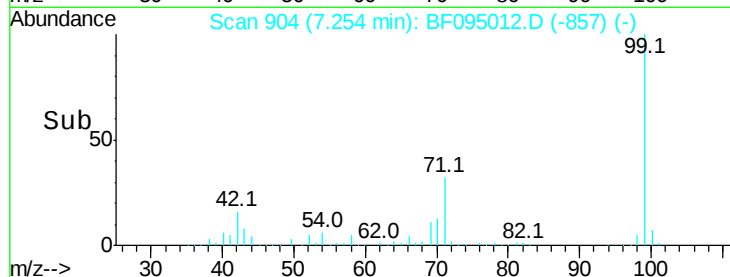
71 31.5 24.5 36.7



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



#10

Phenol

Concen: 2.24 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

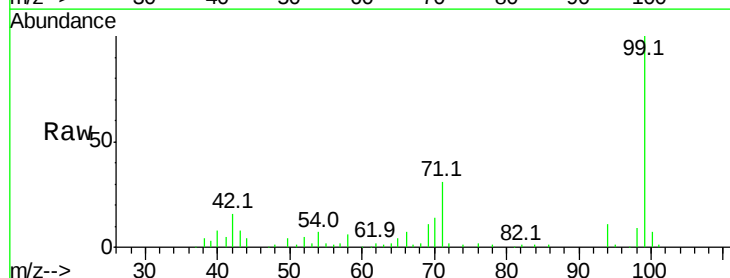
Tgt Ion: 94 Resp: 16441

Ion Ratio Lower Upper

94 100

65 34.3 9.9 49.9

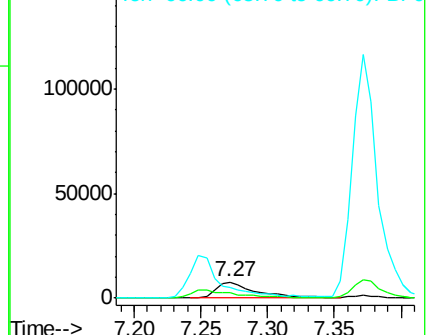
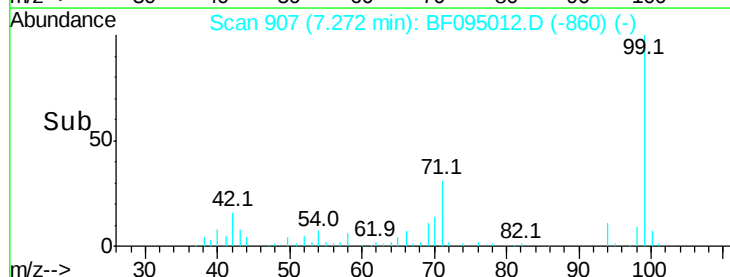
66 61.6 23.1 63.1

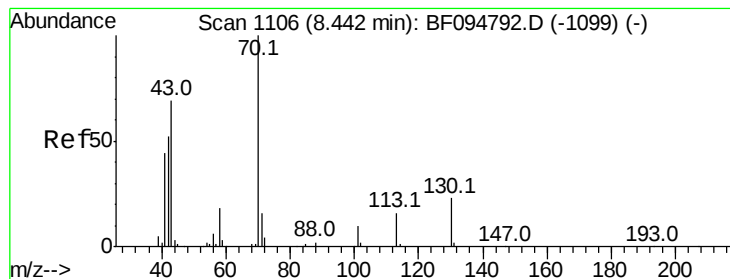


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.00 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 56531

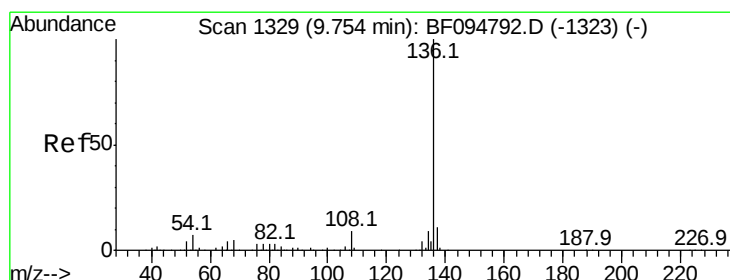
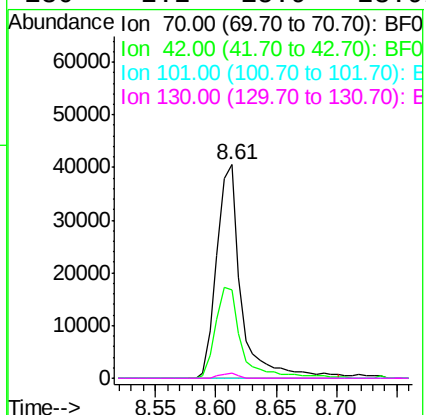
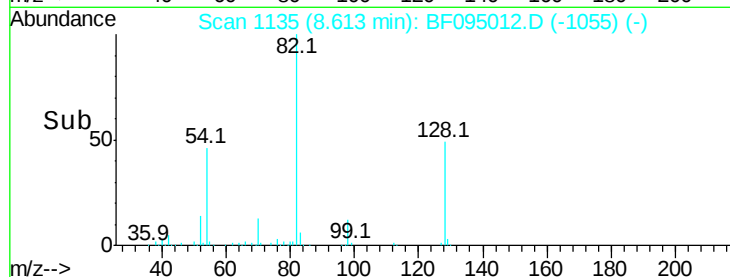
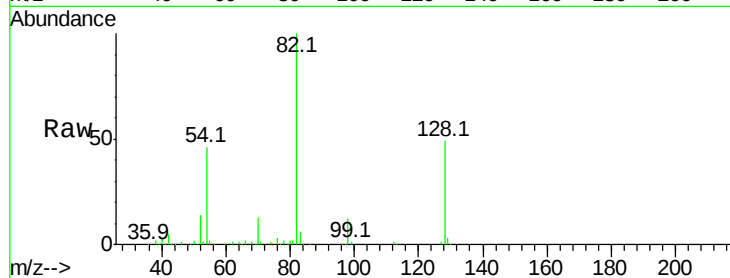
Ion Ratio Lower Upper

70 100

42 41.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Tgt Ion: 136 Resp: 346851

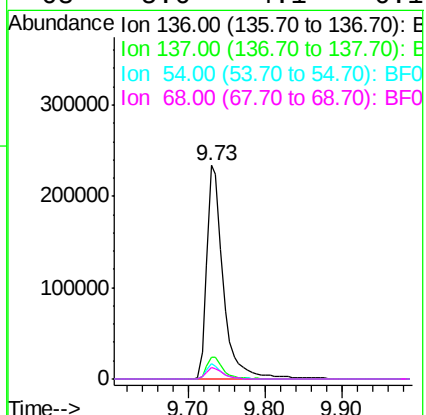
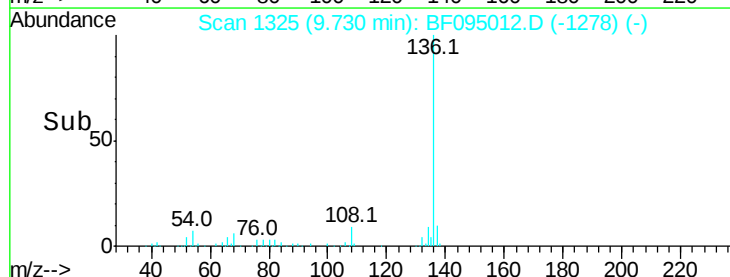
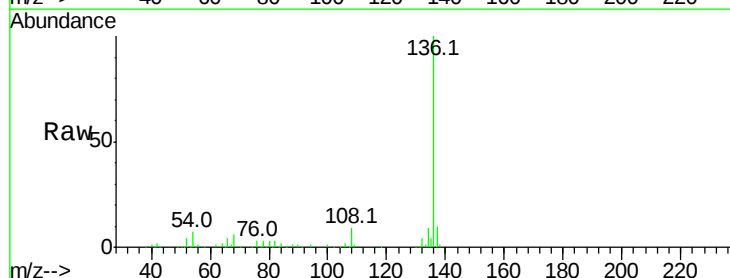
Ion Ratio Lower Upper

136 100

137 9.9 8.5 12.7

54 7.1 4.9 7.3

68 5.6 4.1 6.1

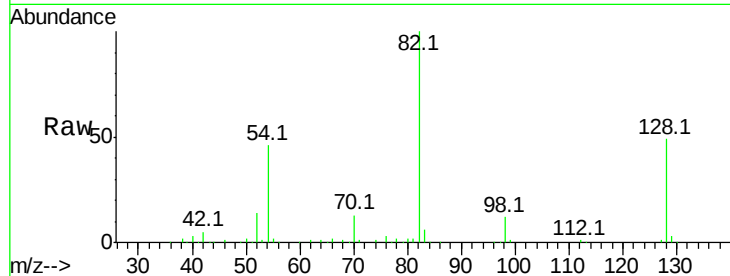




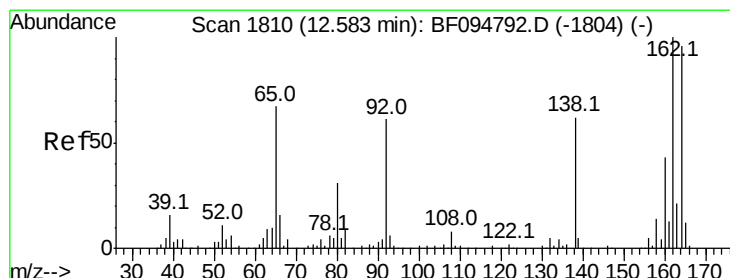
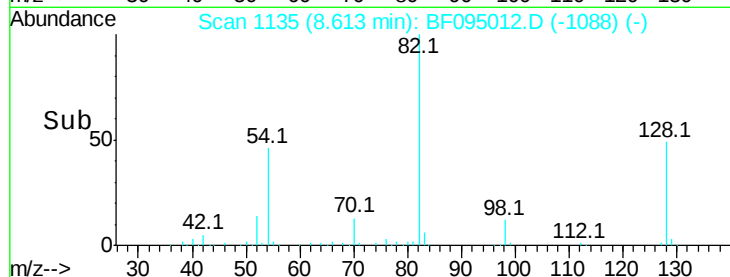
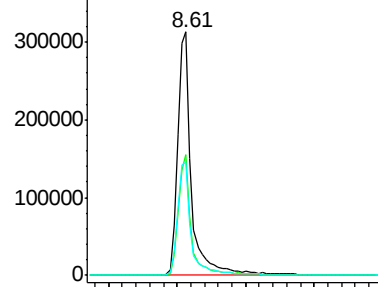
#23
Nitrobenzene-d5
Concen: 81.74 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 449630
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 46.3 42.2 63.2

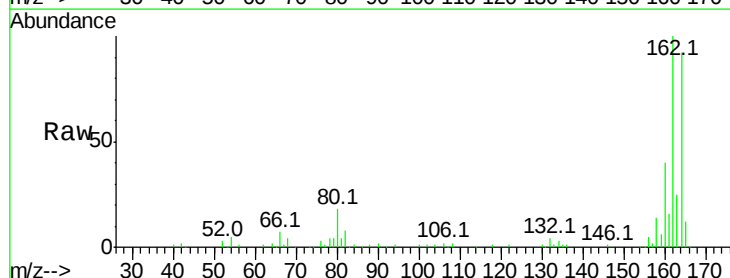


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

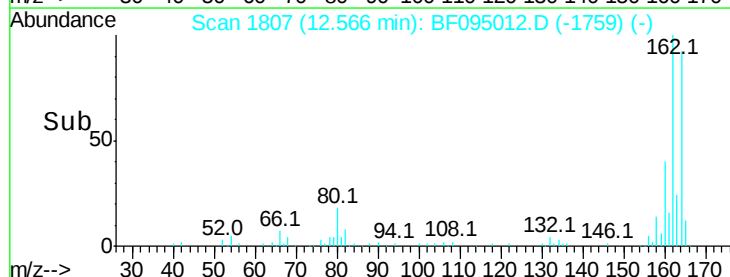
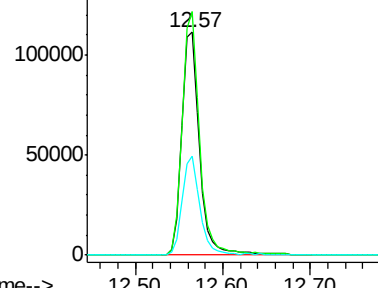


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Tgt Ion:164 Resp: 158953
Ion Ratio Lower Upper
164 100
162 109.2 82.6 123.8
160 44.1 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

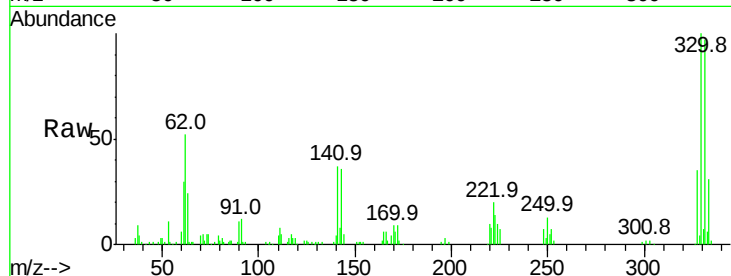




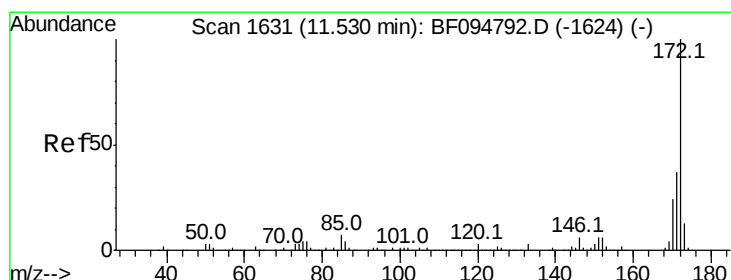
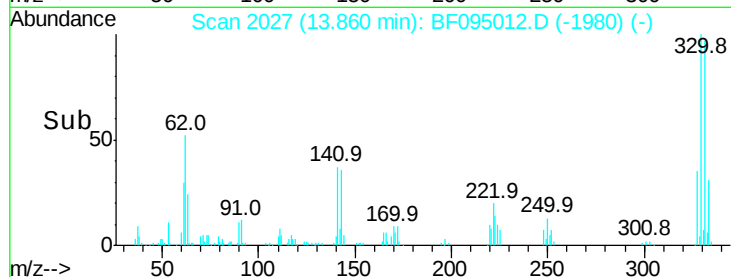
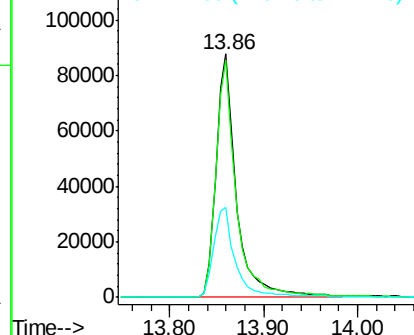
#41
 2,4,6-Tribromophenol
 Concen: 103.33 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095012.D
 Acq: 9 May 2017 8:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	39.1	31.4	47.2

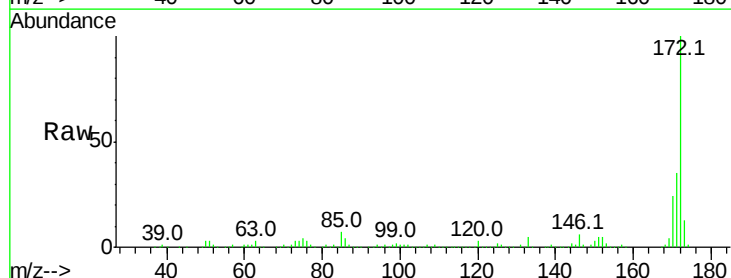


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

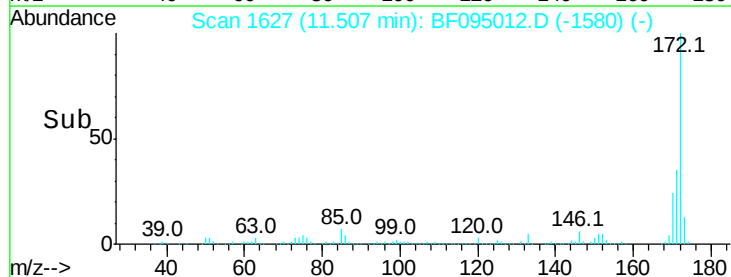
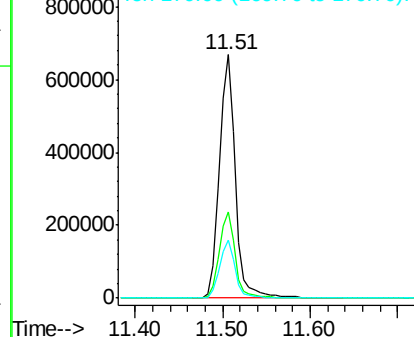


#44
 2-Fluorobiphenyl
 Concen: 77.04 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095012.D
 Acq: 9 May 2017 8:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.6	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: 10.55 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Instrument :

BNA_F

ClientSampleId :

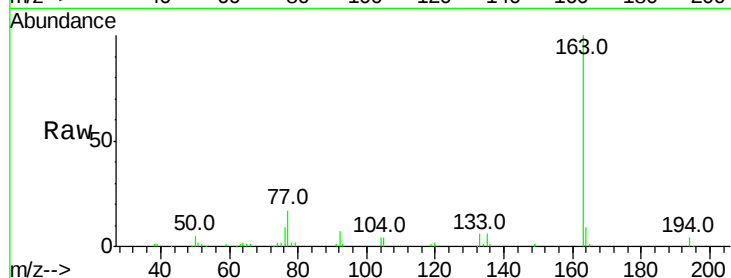
Tot Ion:163 Resp: 137690

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

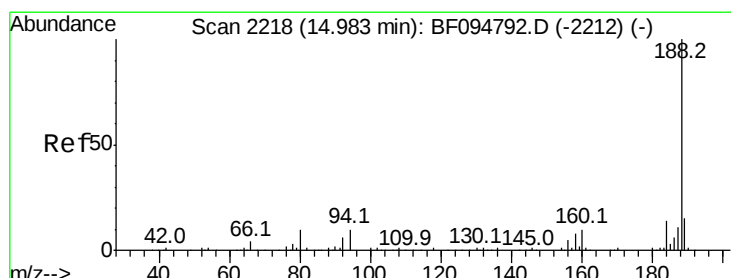
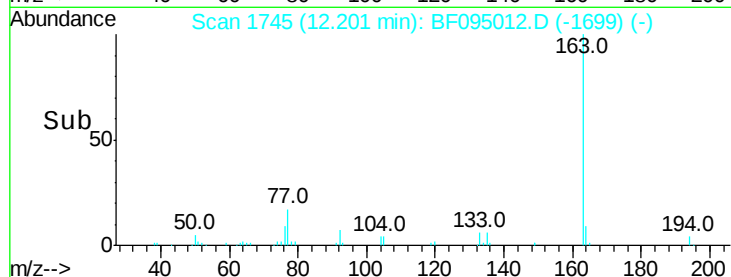
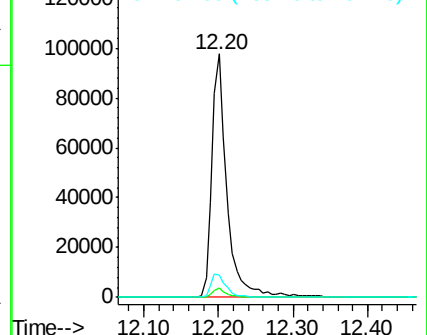
164 9.2 8.4 12.6



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# 2215

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

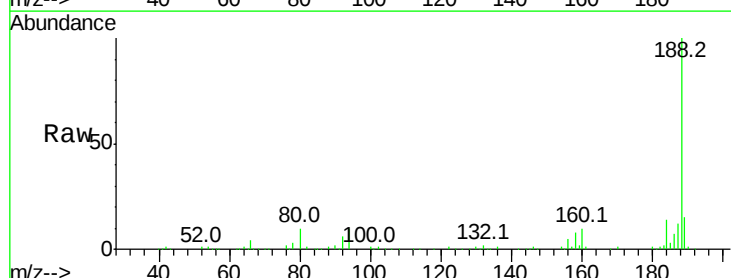
Tgt Ion:188 Resp: 276040

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

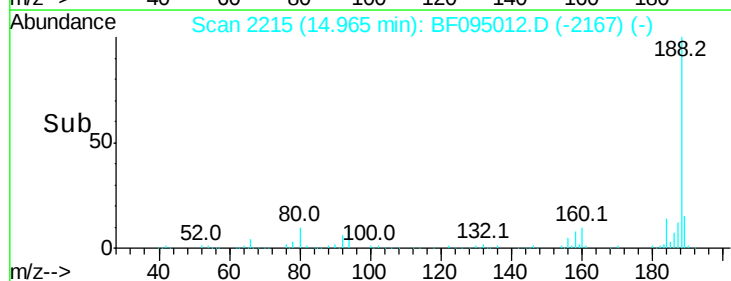
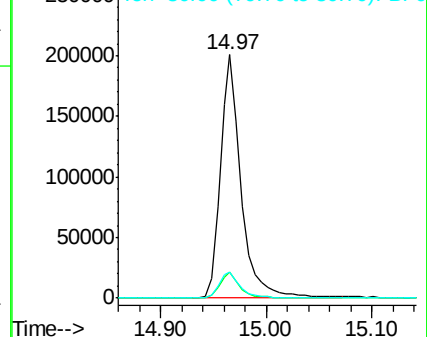
80 10.4 10.2 15.2

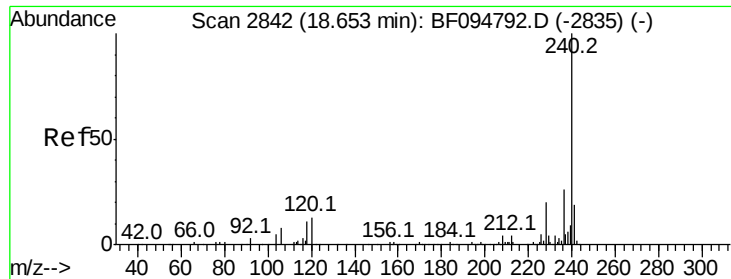


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Instrument :

BNA_F

ClientSampleId :

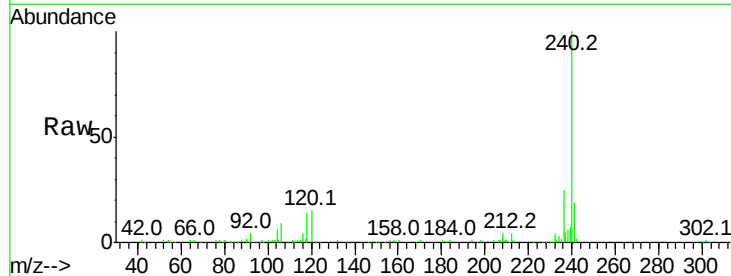
Tot Ion:240 Resp: 182959

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

236 25.1 20.5 30.7

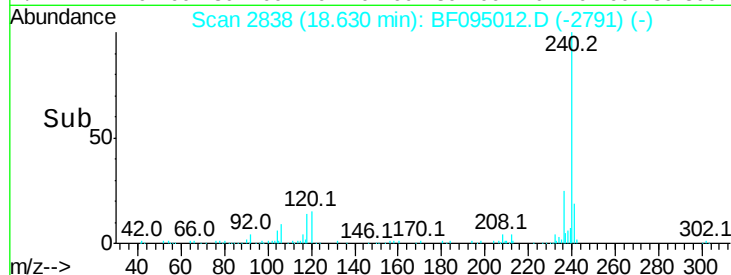


Abundance Ion 240.00 (239.70 to 240.70): E

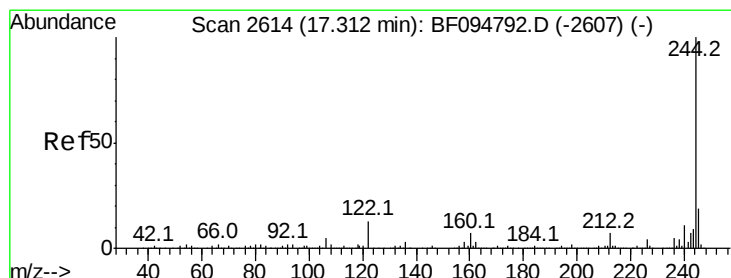
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

18.63



Time-->



#78

Terphenyl-d14

Concen: 56.67 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

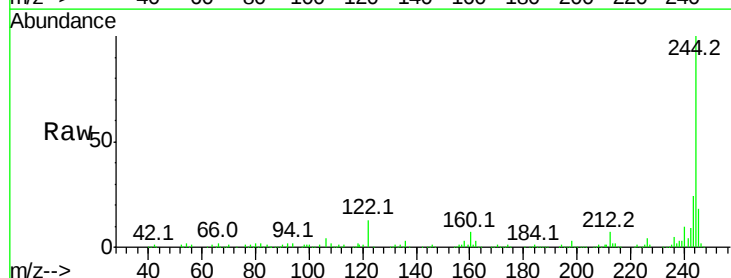
Tgt Ion:244 Resp: 470748

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 13.4 10.3 15.5

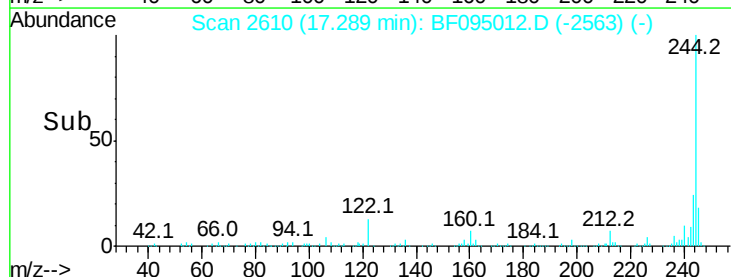


Abundance Ion 244.00 (243.70 to 244.70): E

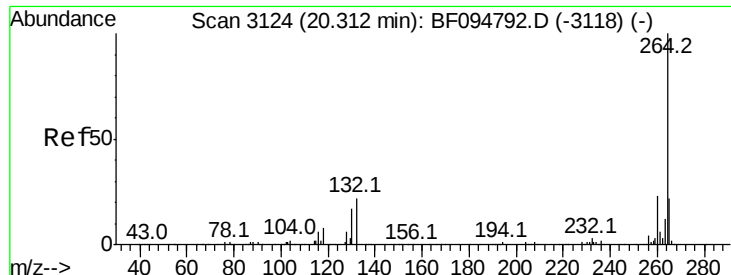
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

17.29



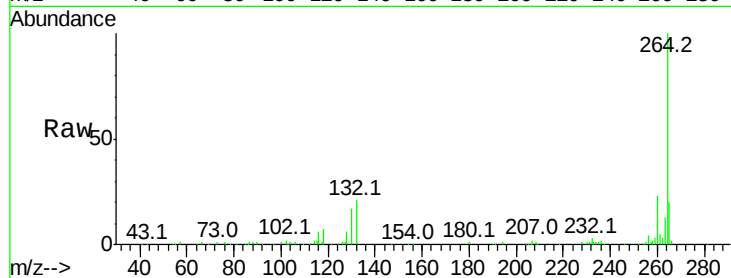
Time-->



#86
Pervlone-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	19.8	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

