

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095220.D
 Acq On : 18 May 2017 11:52
 Operator : SJ/MA
 Sample : I3192-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 13:01:32 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

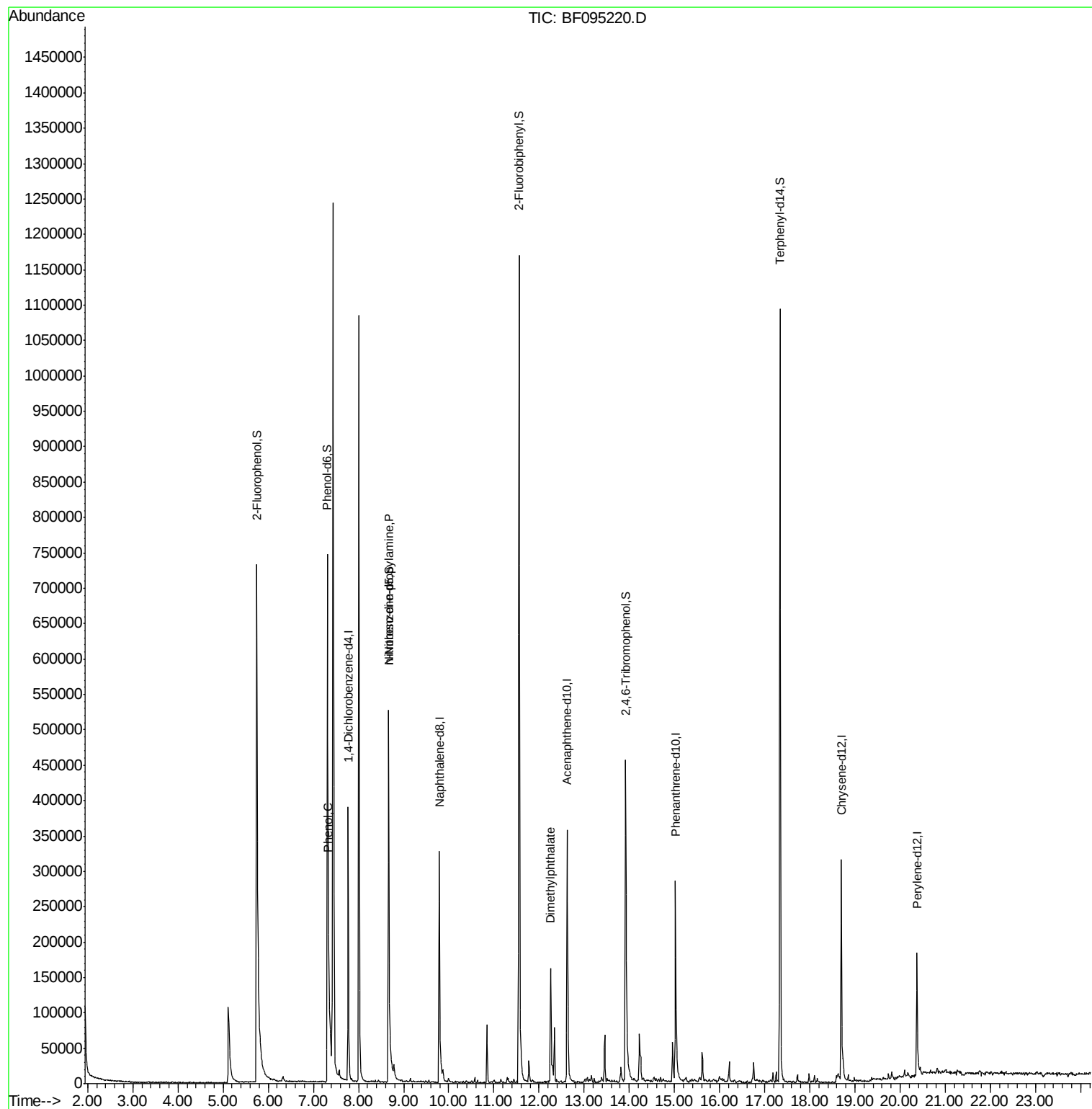
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84633	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	276404	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	120985	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	193632	20.00	ng	0.04
75) Chrysene-d12	18.69	240	170202	20.00	ng	0.04
86) Perylene-d12	20.37	264	107428	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	543046	106.98	ng	0.06
7) Phenol-d6	7.31	99	600799	98.64	ng	0.04
23) Nitrobenzene-d5	8.67	82	327107	74.63	ng	0.03
41) 2,4,6-Tribromophenol	13.92	330	96412	97.30	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	612971	72.92	ng	0.03
78) Terphenyl-d14	17.34	244	451230	58.39	ng	0.03
Target Compounds						
10) Phenol	7.34	94	30966	4.82	ng	80
19) n-Nitroso-di-n-propylamine	8.67	70	39471	9.58	ng	# 73
49) Dimethylphthalate	12.25	163	144188	14.52	ng	100

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

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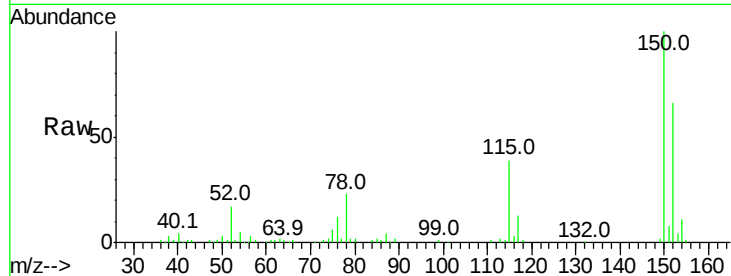


#1

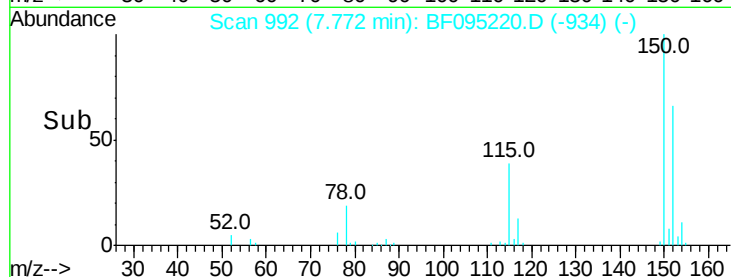
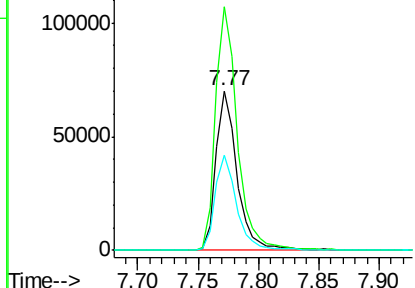
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84633
Ion Ratio Lower Upper
152 100
150 152.4 126.2 189.2
115 59.3 52.2 78.2



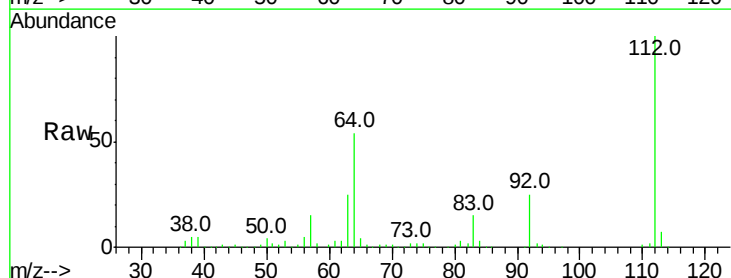
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



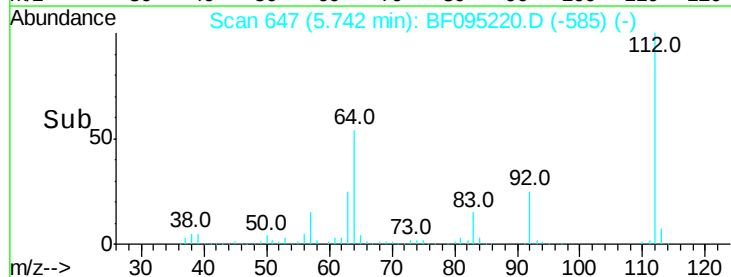
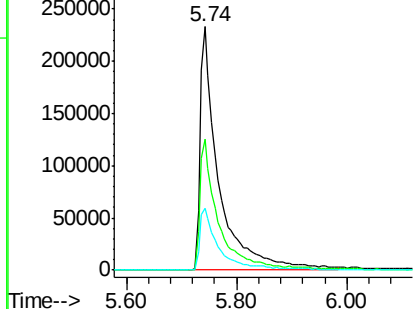
#5

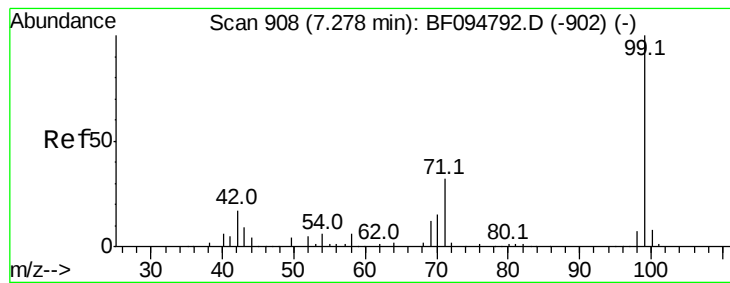
2-Fluorophenol
Concen: 106.98 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

Tgt Ion:112 Resp: 543046
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 25.2 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: 98.64 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

Instrument :

BNA_F

ClientSampleId :

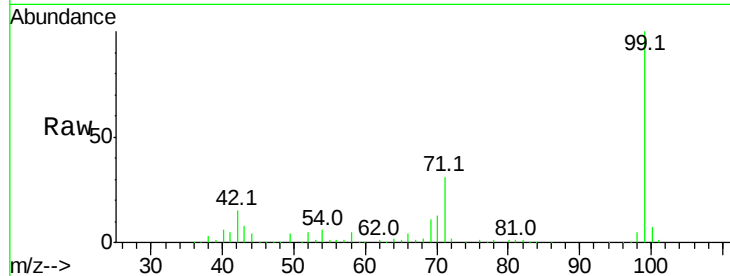
Tot Ion: 99 Resp: 600799

Ion Ratio Lower Upper

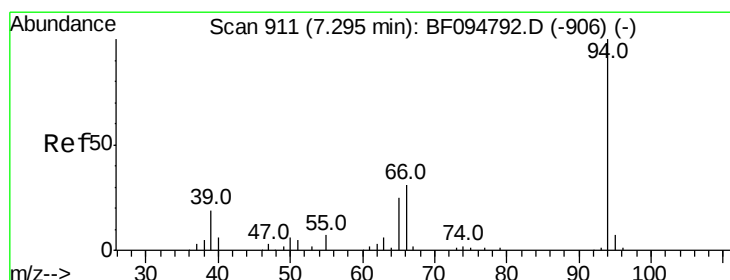
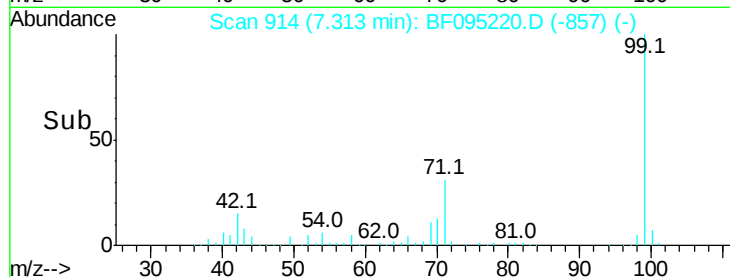
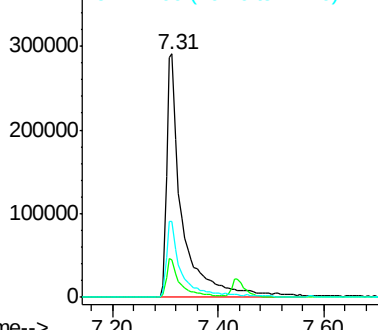
99 100

42 15.3 13.5 20.3

71 31.1 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: 4.82 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

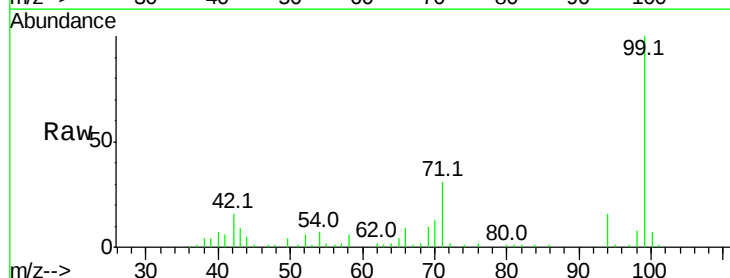
Tgt Ion: 94 Resp: 30966

Ion Ratio Lower Upper

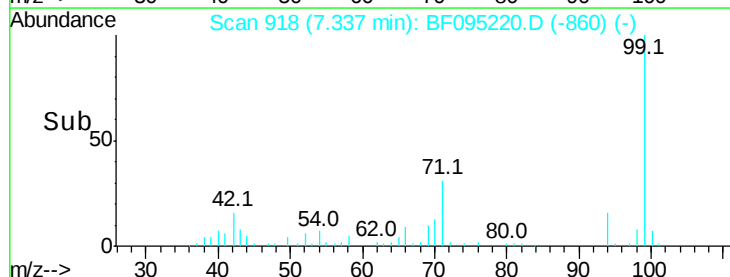
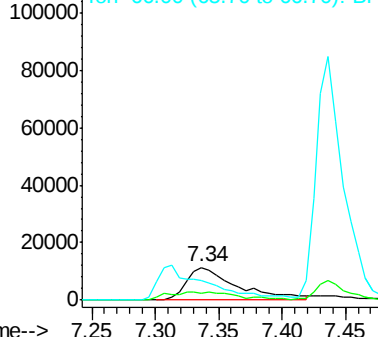
94 100

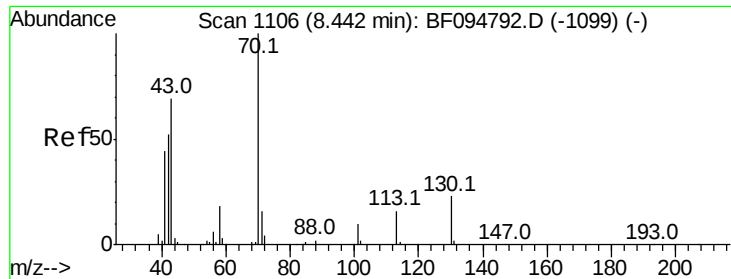
65 22.5 9.9 49.9

66 58.5 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

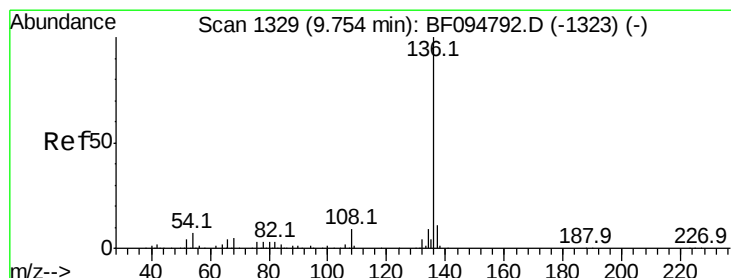
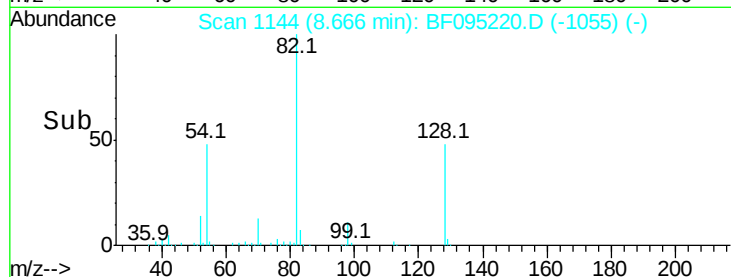
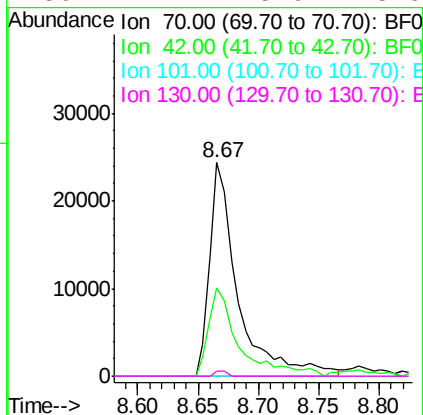
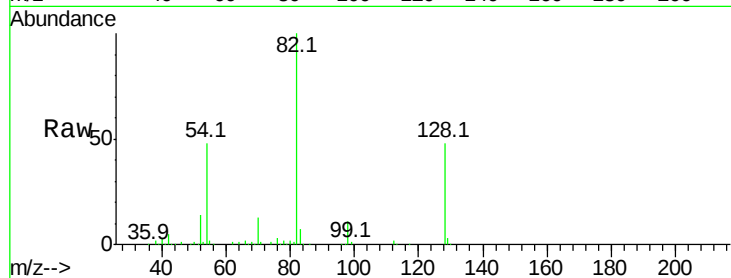




#19
n-Nitroso-di-n-propylamine
Concen: 9.58 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.22 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

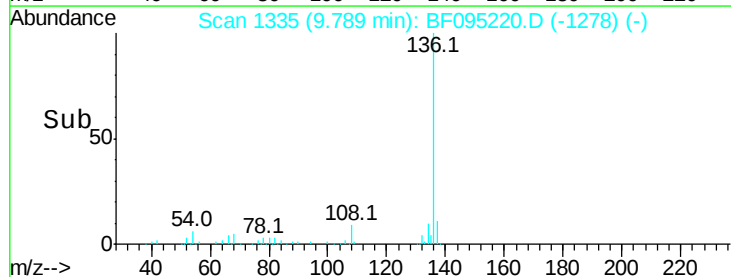
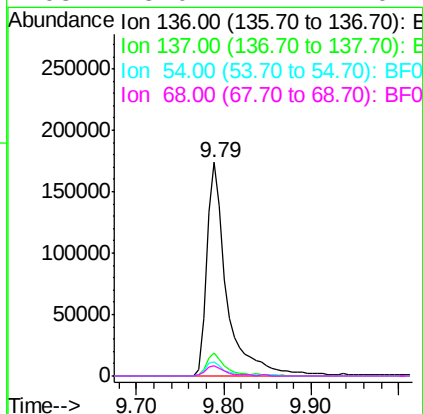
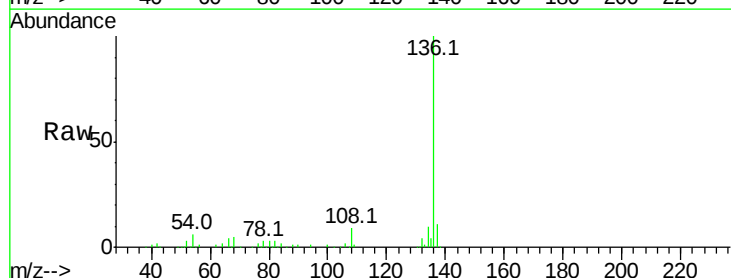
Instrument :
BNA_F
ClientSampleId :

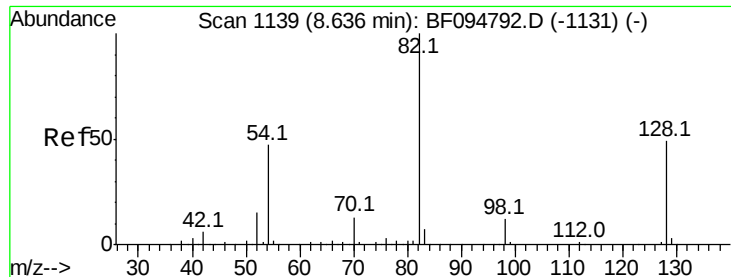
Tot Ion: 70 Resp: 39471
Ion Ratio Lower Upper
70 100
42 41.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

Tgt Ion:136 Resp: 276404
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.5 4.9 7.3
68 5.0 4.1 6.1

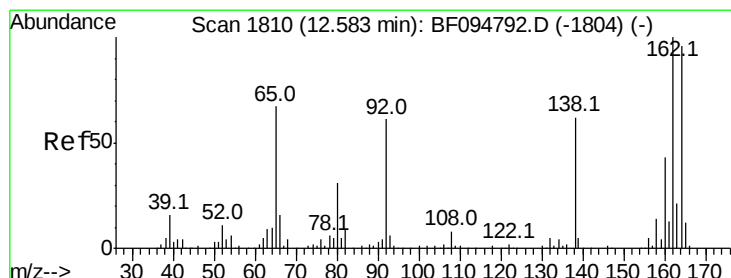
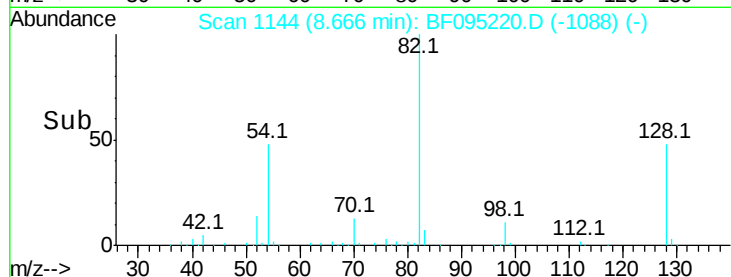
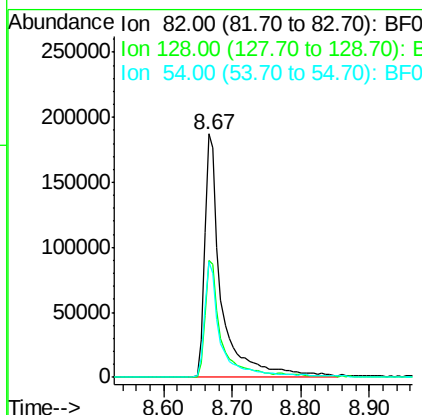
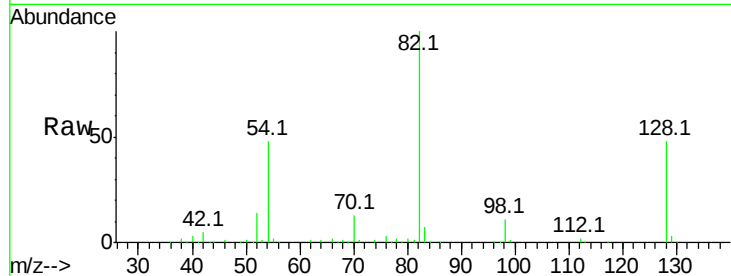




#23
Nitrobenzene-d5
Concen: 74.63 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.03 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

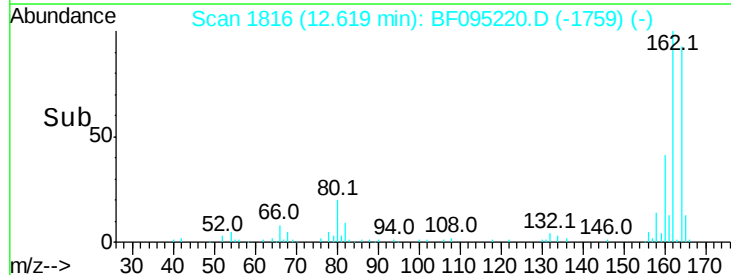
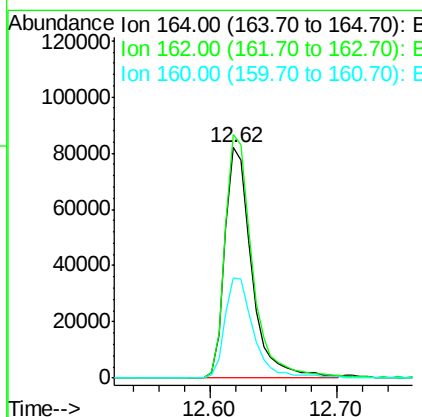
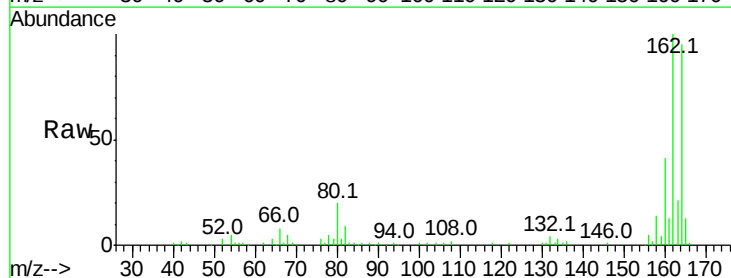
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	327107
Ion Ratio	100	Lower	Upper
128	48.3	34.0	51.0
54	47.7	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

Tgt Ion	164	Resp	120985
Ion Ratio	100	Lower	Upper
162	105.5	82.6	123.8
160	43.3	36.2	54.2

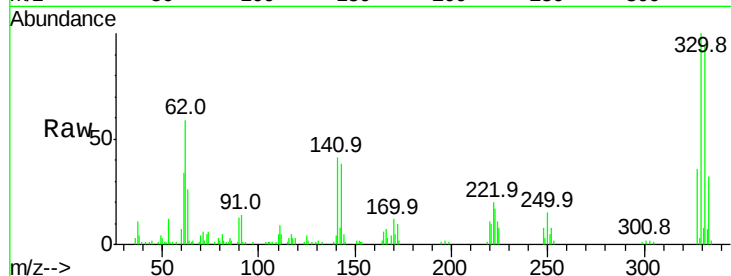




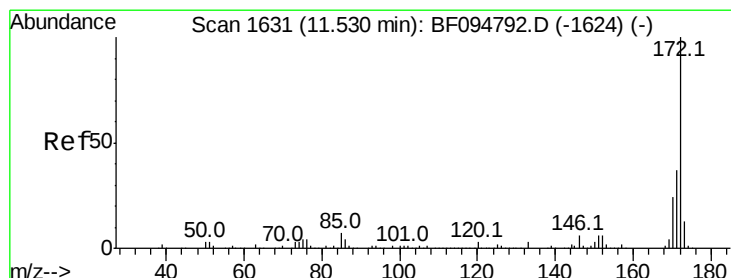
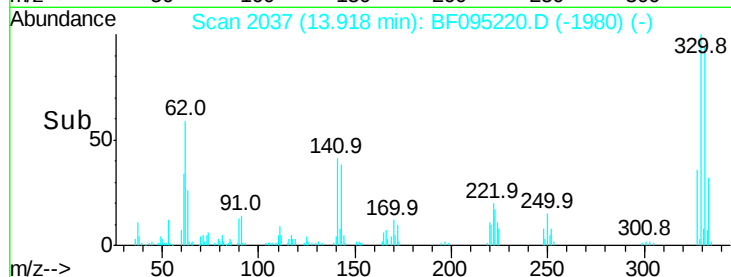
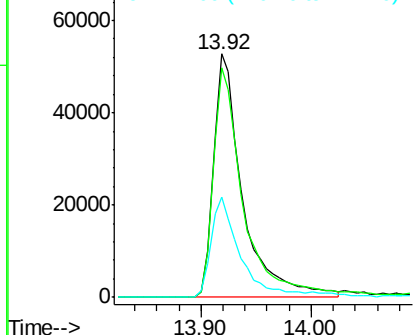
#41
 2,4,6-Tribromophenol
 Concen: 97.30 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095220.D
 Acq: 18 May 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96412
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 42.8 31.4 47.2

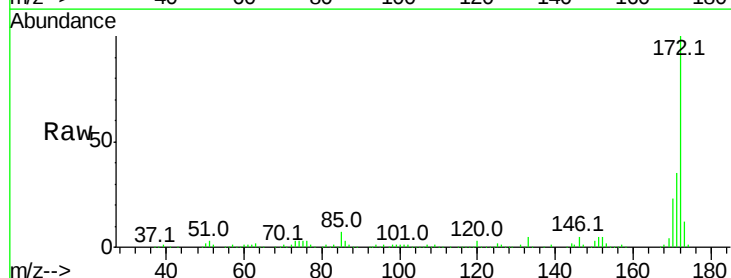


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

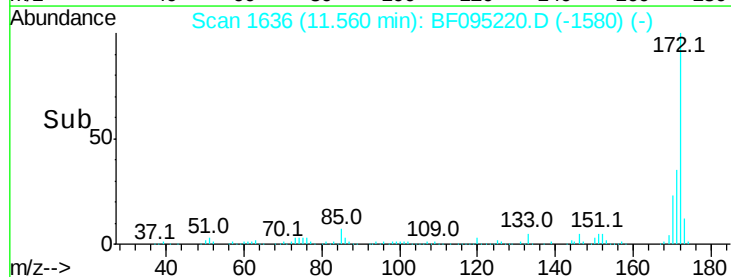
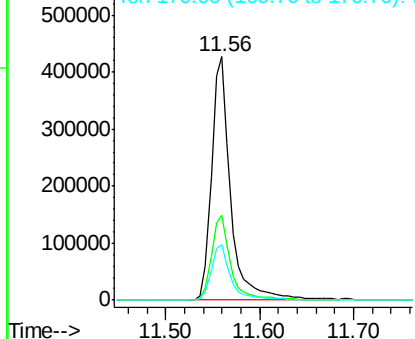


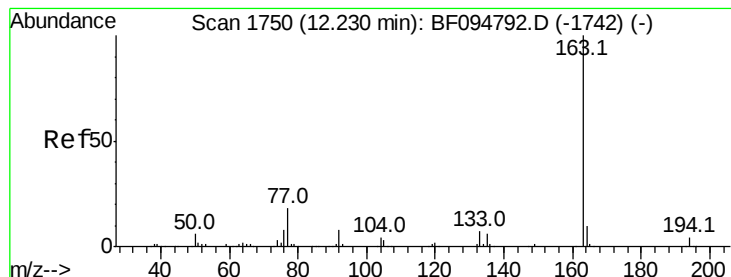
#44
 2-Fluorobiphenyl
 Concen: 72.92 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095220.D
 Acq: 18 May 2017 11:52

Tgt Ion:172 Resp: 612971
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 22.6 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: 14.52 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.02 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

Instrument :

BNA_F

ClientSampleId :

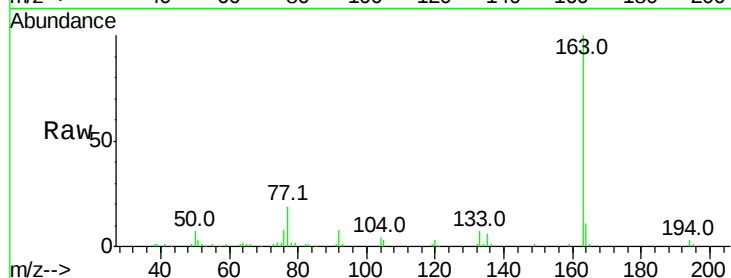
Tot Ion:163 Resp: 144188

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

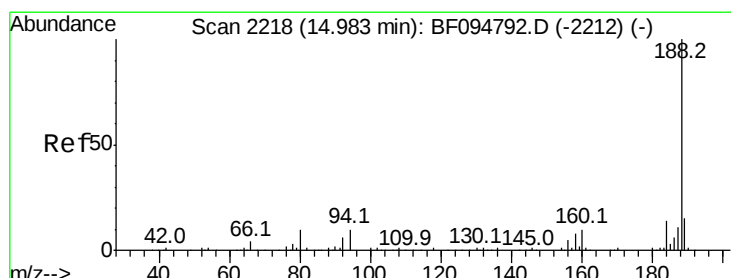
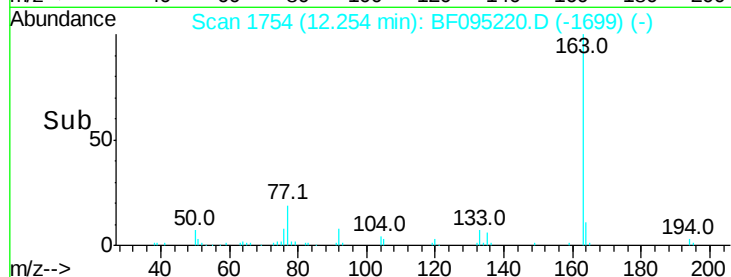
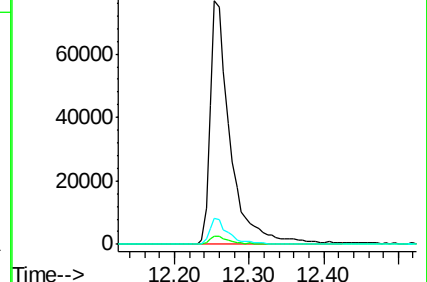
164 10.5 8.4 12.6



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: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

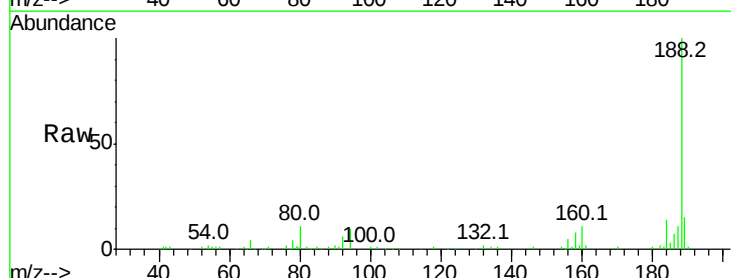
Tgt Ion:188 Resp: 193632

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

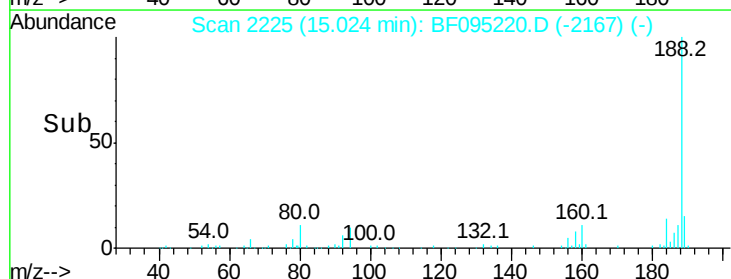
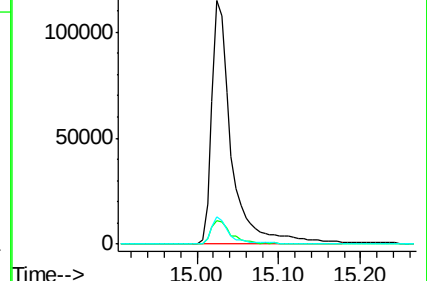
80 11.1 10.2 15.2



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: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

Instrument :

BNA_F

ClientSampleId :

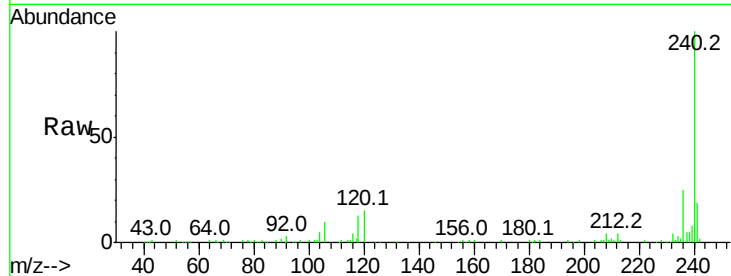
Tot Ion:240 Resp: 170202

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

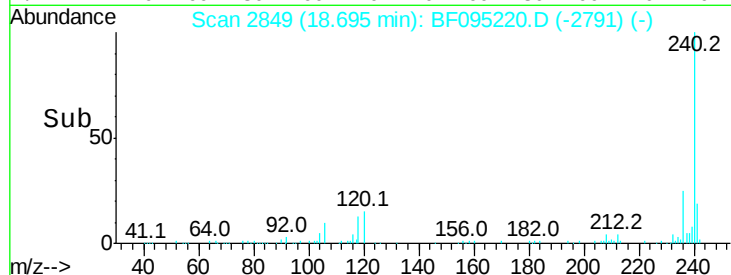
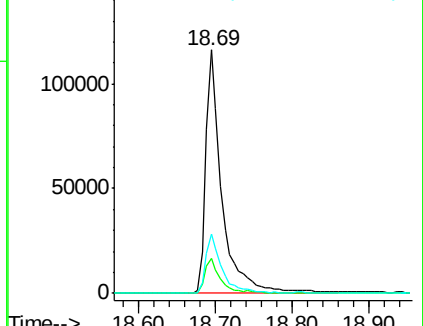
236 24.6 20.5 30.7



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: 58.39 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

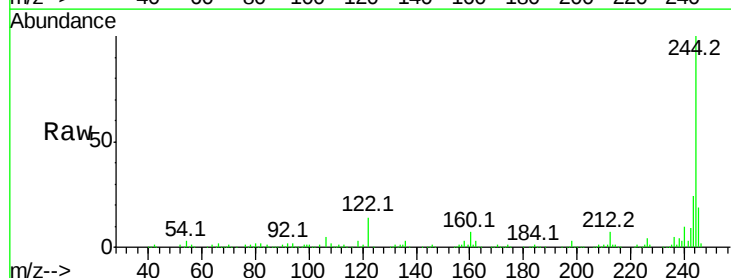
Tgt Ion:244 Resp: 451230

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

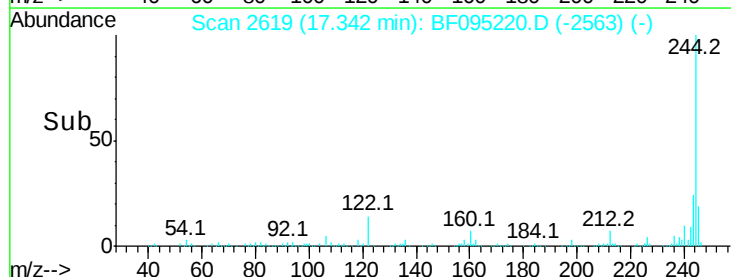
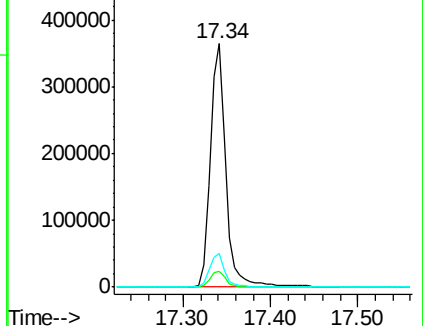
122 14.0 10.3 15.5

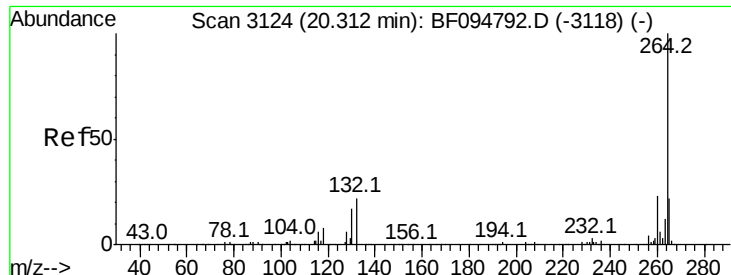


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

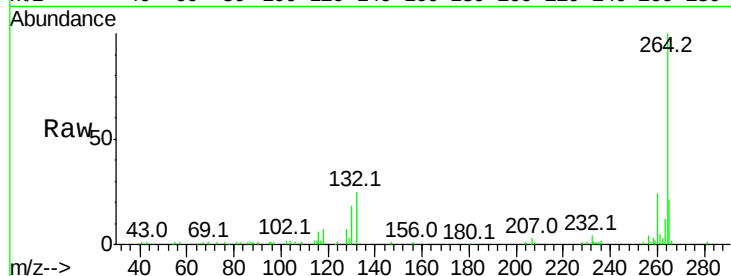




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.3	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

