

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091879.D
 Acq On : 22 Dec 2016 12:07
 Operator : UM/SJ
 Sample : H5943-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 23 01:02:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

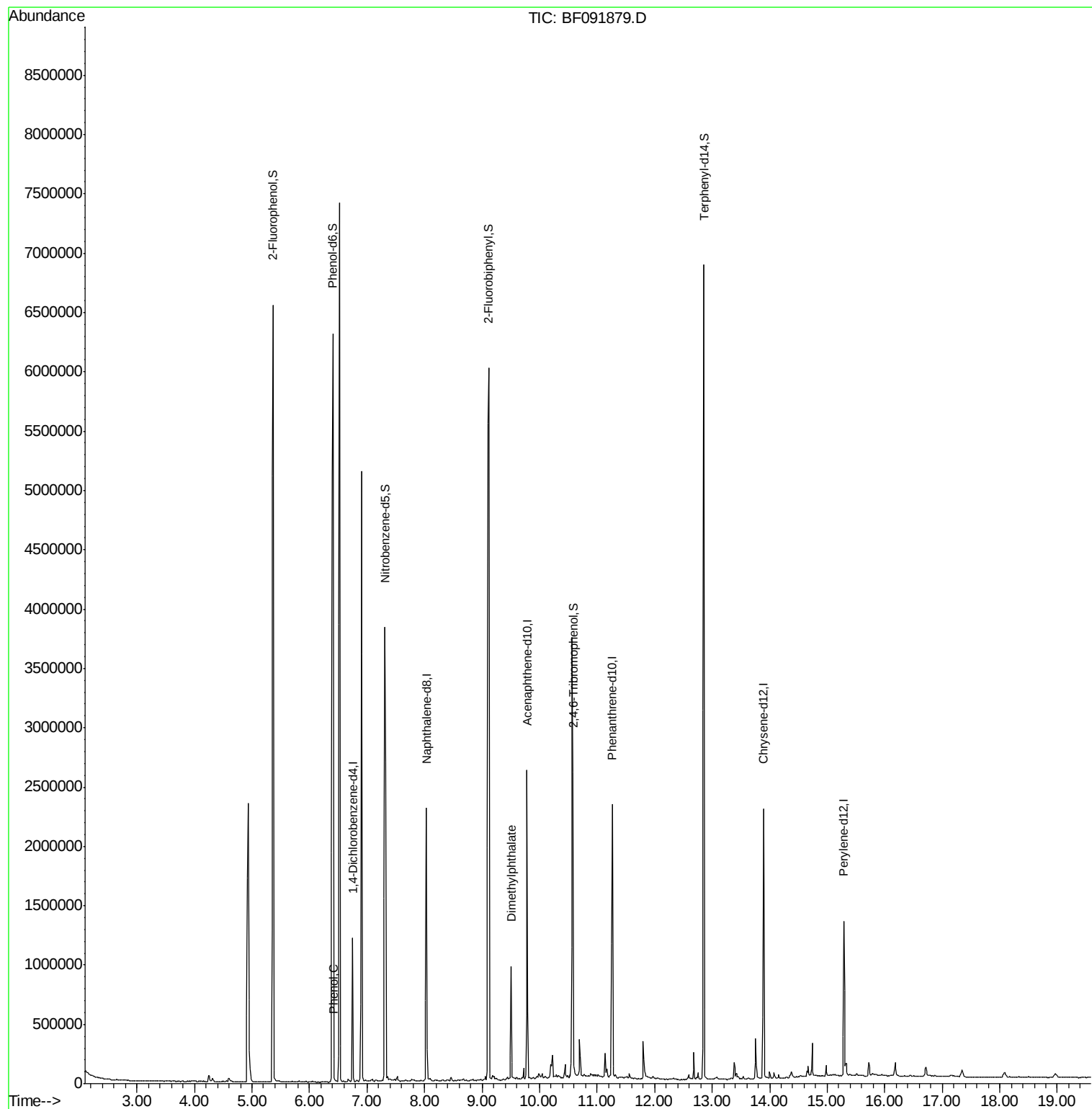
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	274662	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1124915	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	595816	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	989015	20.00	ng	0.00
75) Chrysene-d12	13.89	240	756674	20.00	ng	-0.01
86) Perylene-d12	15.29	264	617484	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2586128	157.22	ng	0.02
7) Phenol-d6	6.41	99	3272707	162.96	ng	0.00
23) Nitrobenzene-d5	7.31	82	1999303	98.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	722616	146.55	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3184268	113.89	ng	0.00
78) Terphenyl-d14	12.85	244	2383398	76.39	ng	0.00
Target Compounds						
10) Phenol	6.42	94	81800	3.57	ng	Qvalue # 56
49) Dimethylphthalate	9.50	163	387400	10.17	ng	99

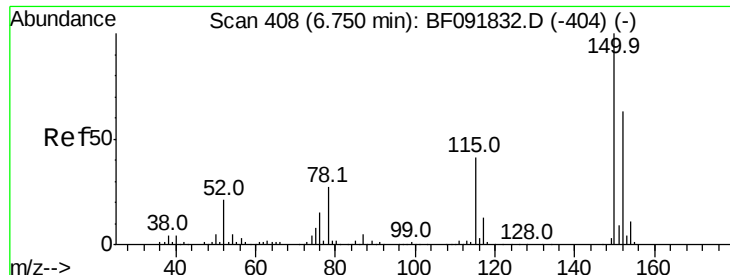
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

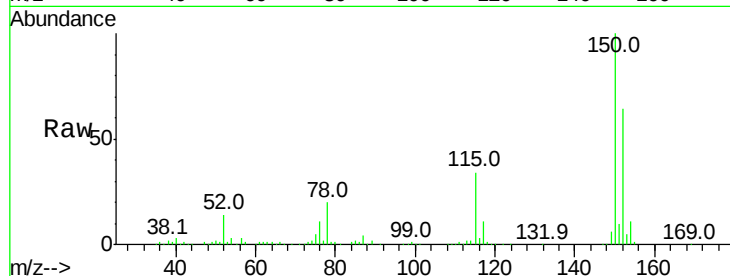
Tot Ion:152 Resp: 274662

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

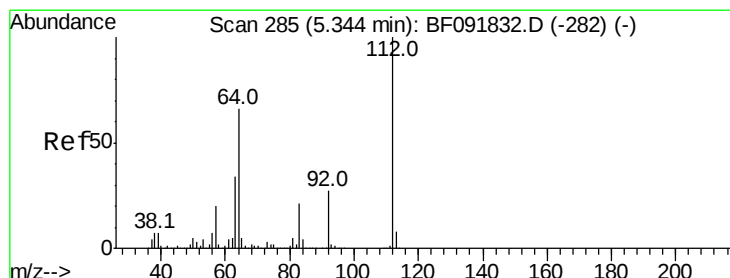
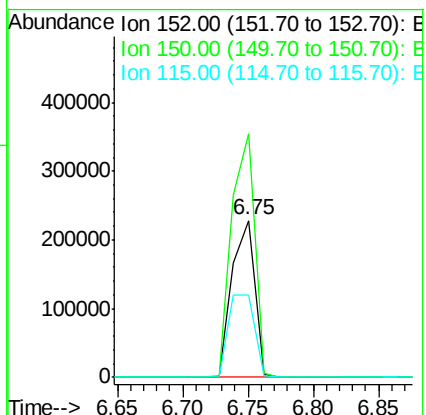
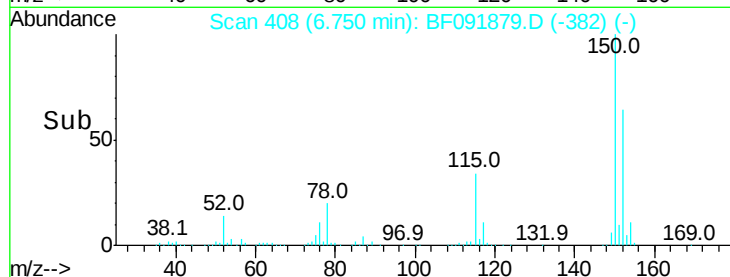
115 52.8 46.0 69.0



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: 157.22 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

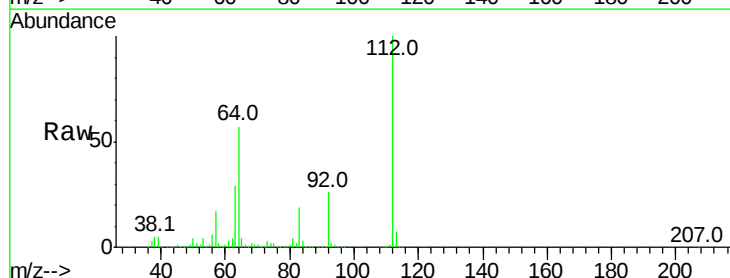
Tgt Ion:112 Resp: 2586128

Ion Ratio Lower Upper

112 100

64 56.6 46.1 69.1

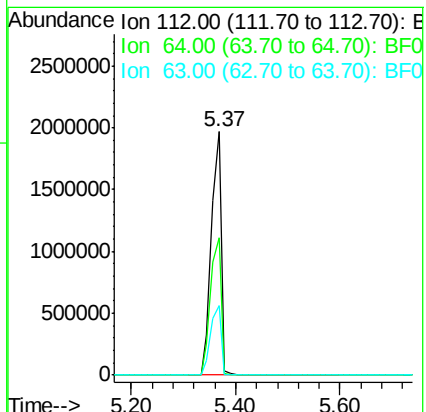
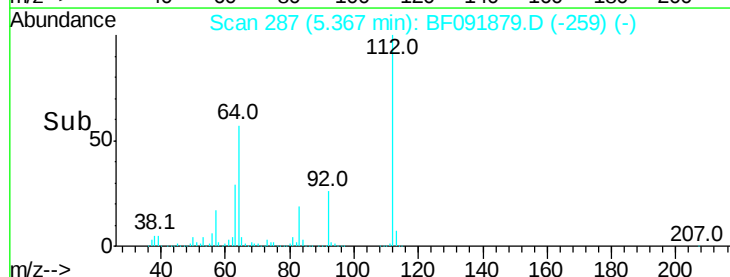
63 28.7 23.8 35.6

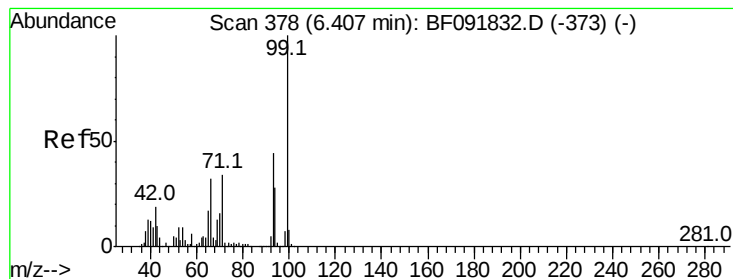


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 162.96 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

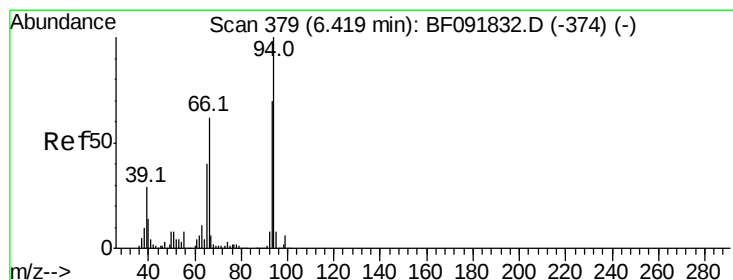
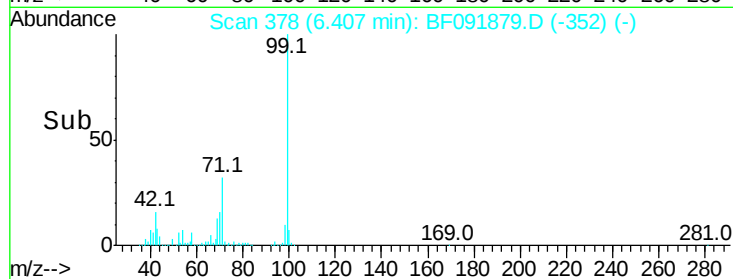
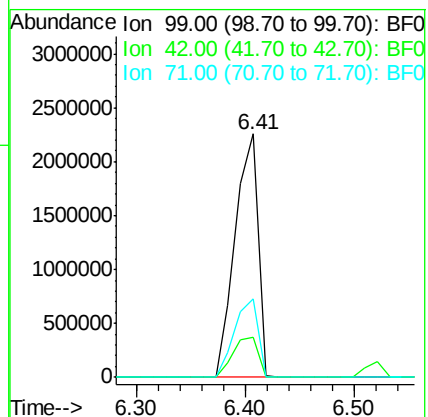
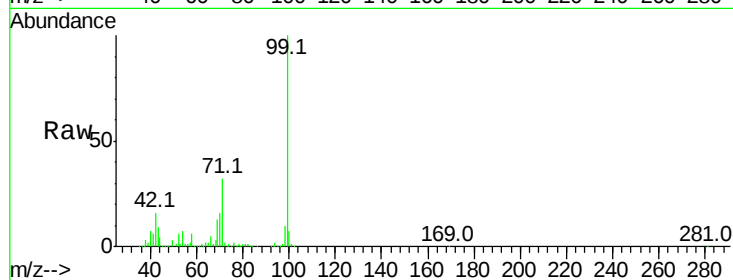
Tot Ion: 99 Resp: 3272707

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

71 32.2 27.5 41.3



#10

Phenol

Concen: 3.57 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

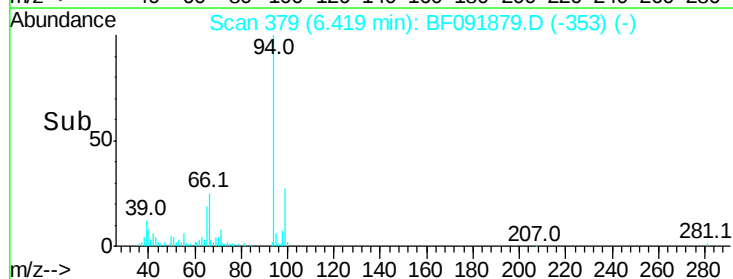
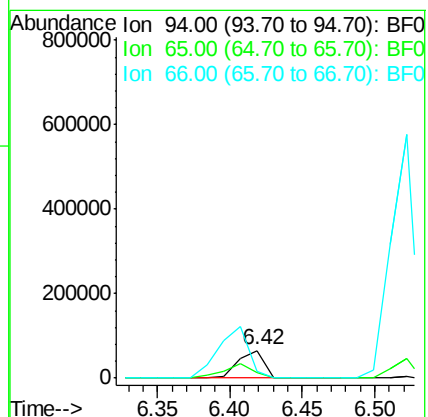
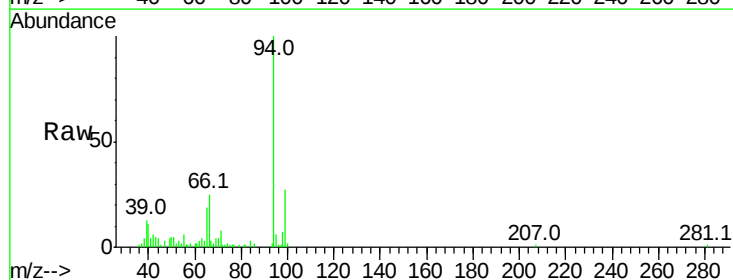
Tgt Ion: 94 Resp: 81800

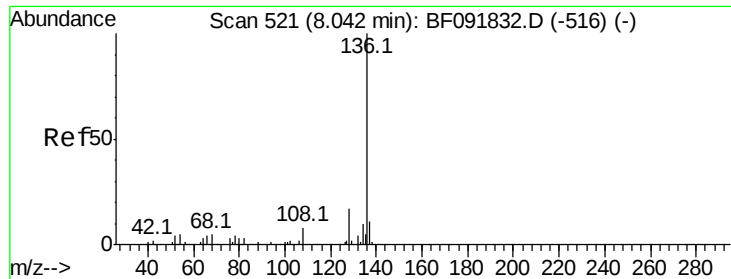
Ion Ratio Lower Upper

94 100

65 19.4 21.4 61.4#

66 24.8 44.0 84.0#

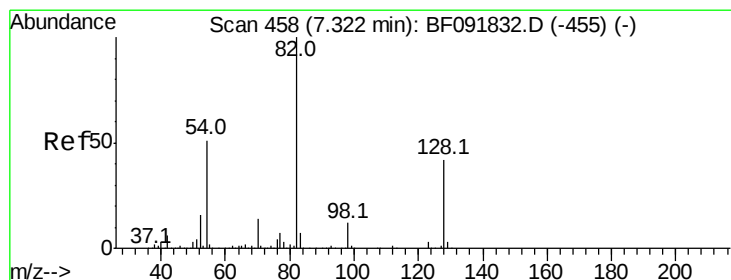
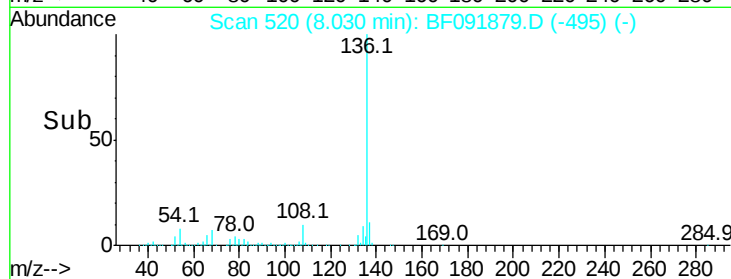
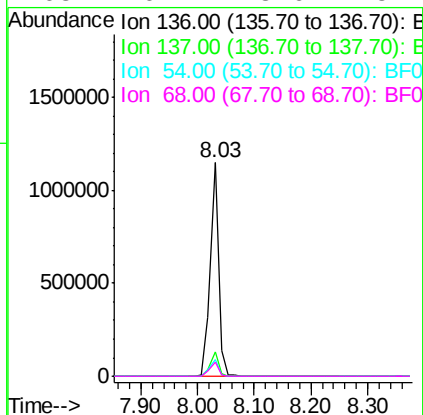
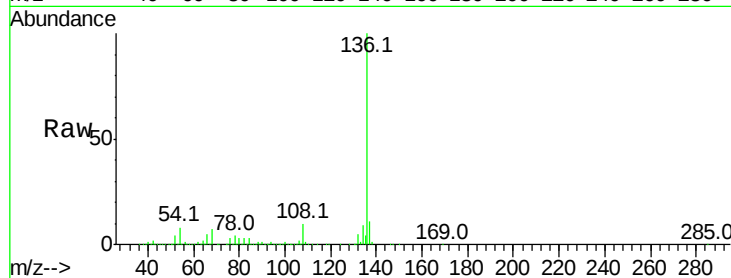




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

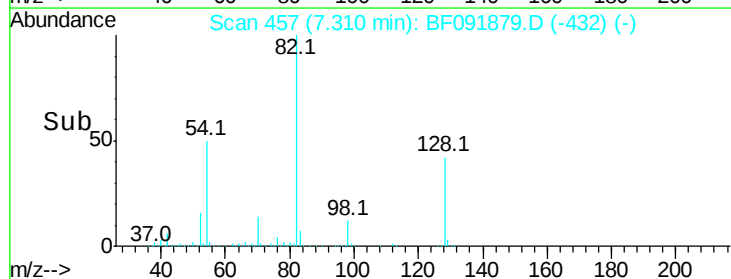
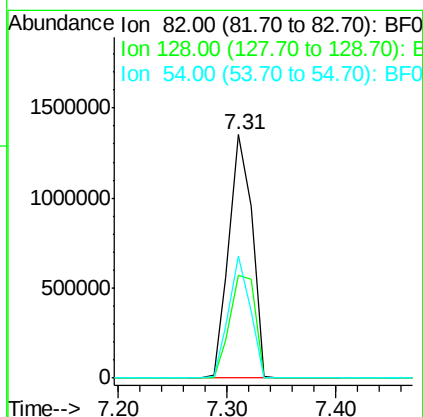
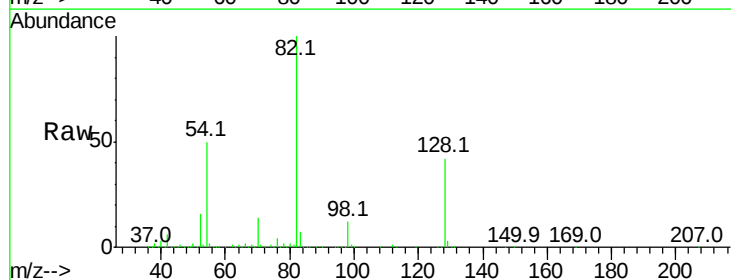
Instrument :
BNA_F
ClientSampleId :
MW-1

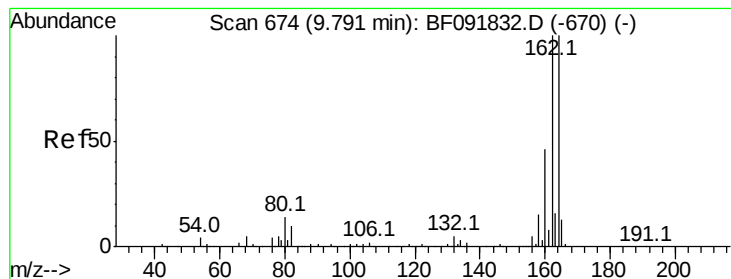
Tot Ion:136 Resp: 1124915
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.0 4.5 6.7#
68 6.7 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 98.83 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

Tgt Ion: 82 Resp: 1999303
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 50.2 39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampleId :

MW-1

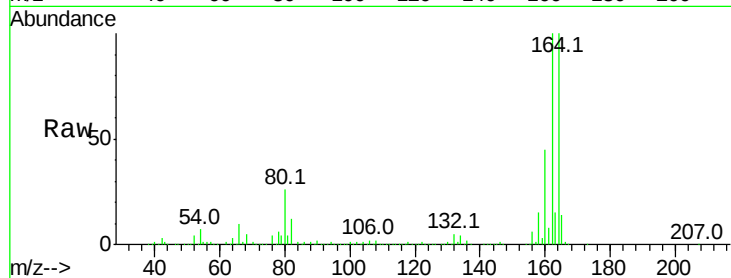
Tot Ion:164 Resp: 595816

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

160 45.4 36.9 55.3

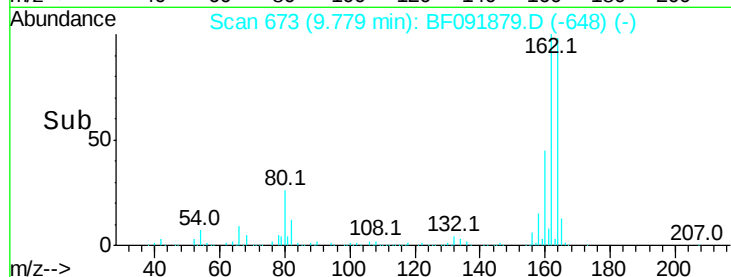


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



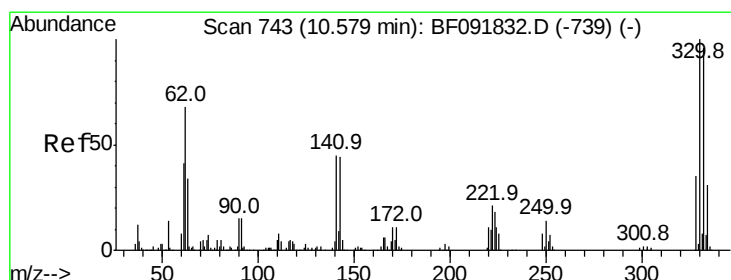
Abundance

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

Time-->



#41

2,4,6-Tribromophenol

Concen: 146.55 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

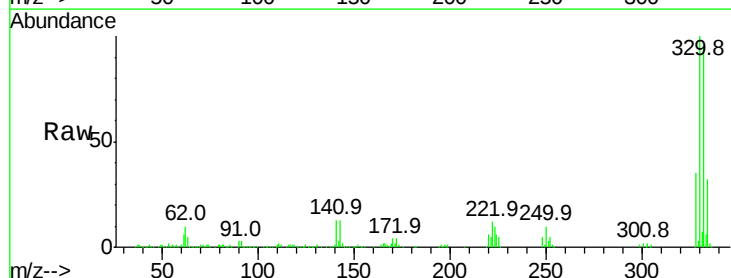
Tgt Ion:330 Resp: 722616

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.2

141 31.1 34.1 51.1#

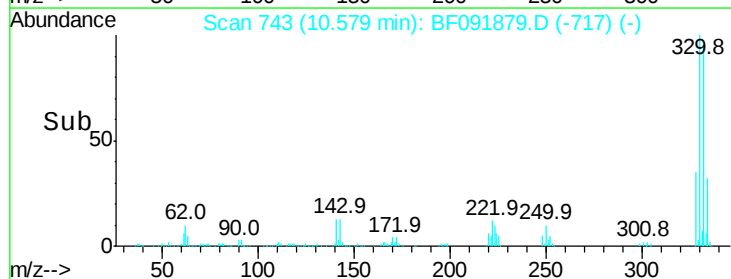


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



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

Time-->

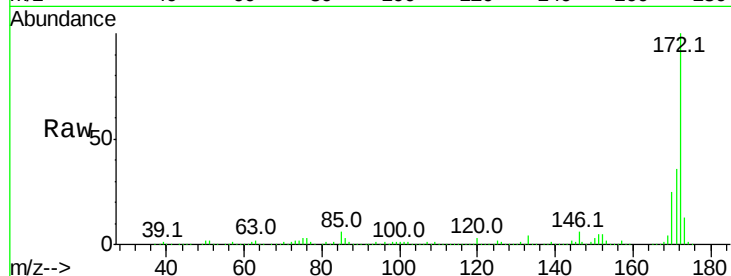


#44
 2-Fluorobiphenyl
 Concen: 113.89 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091879.D
 Acq: 22 Dec 2016 12:07

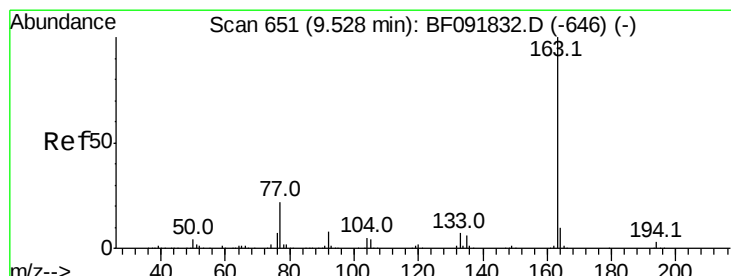
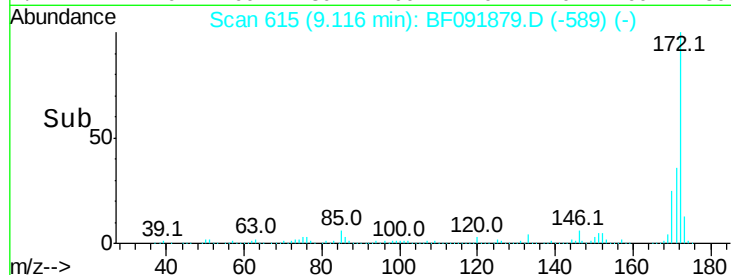
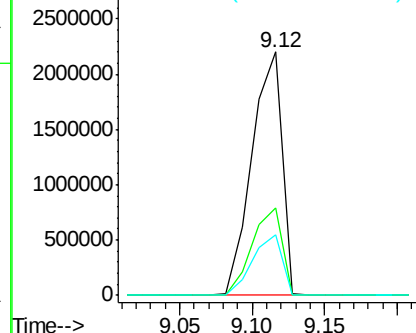
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:172 Resp: 3184268

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.8	20.2	30.4



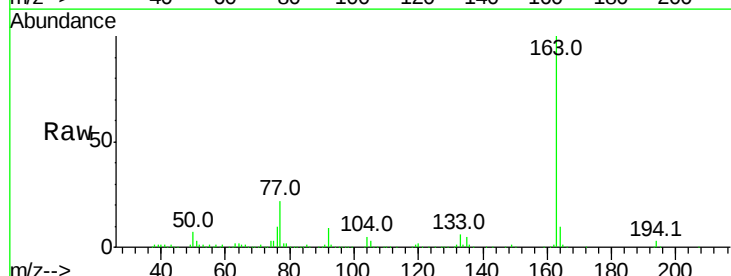
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



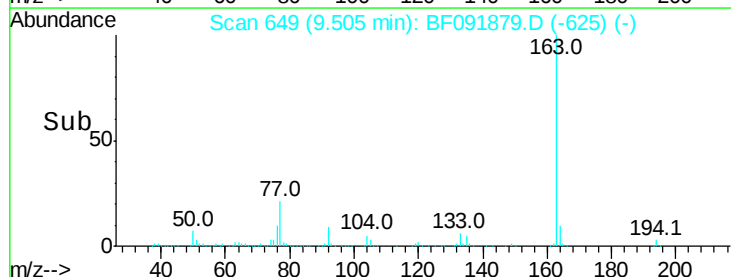
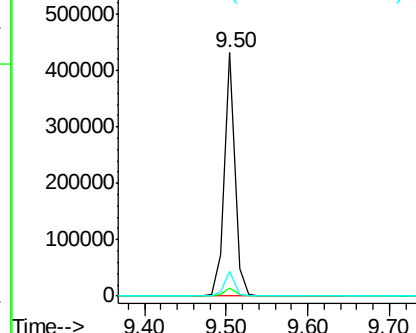
#49
 Dimethylphthalate
 Concen: 10.17 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091879.D
 Acq: 22 Dec 2016 12:07

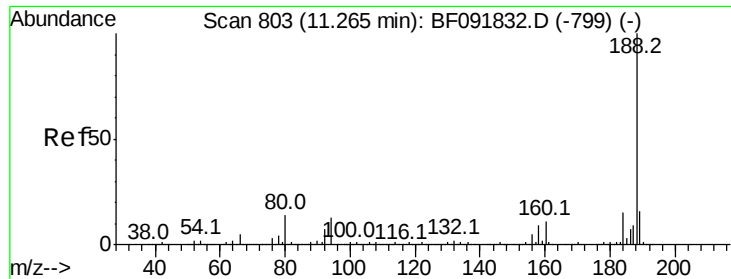
Tgt Ion:163 Resp: 387400

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.2	8.0	12.0



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

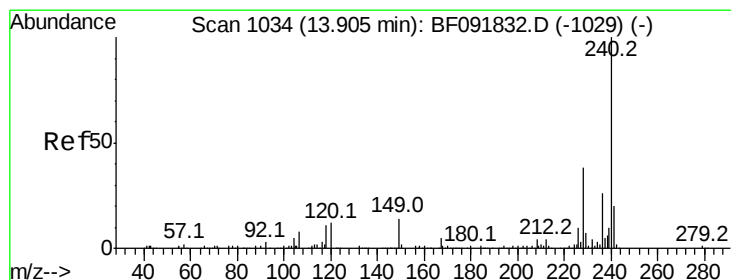
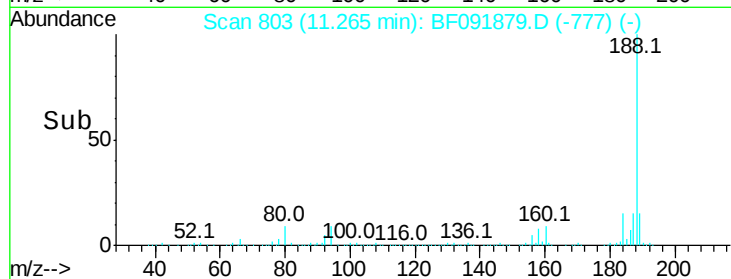
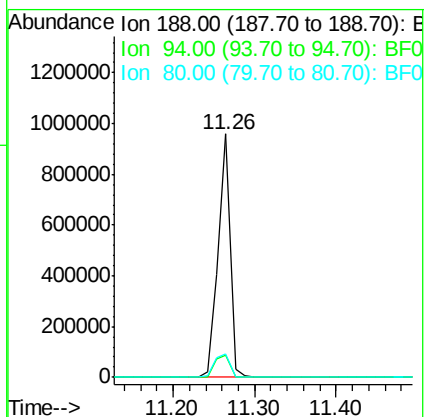
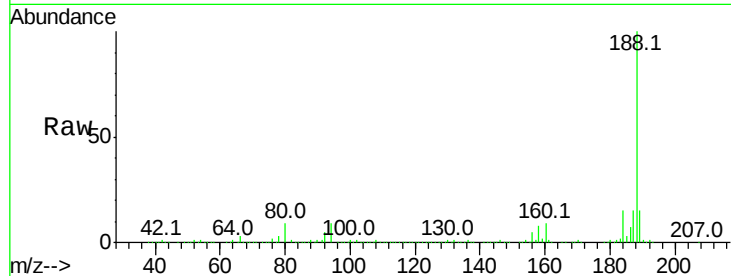




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

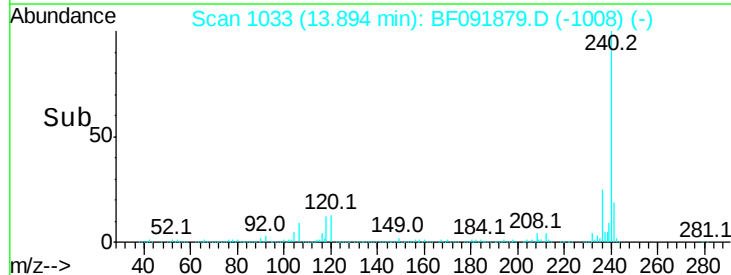
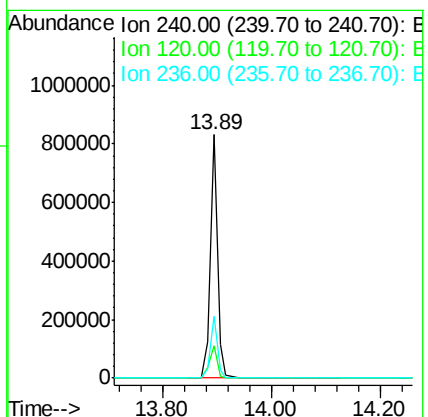
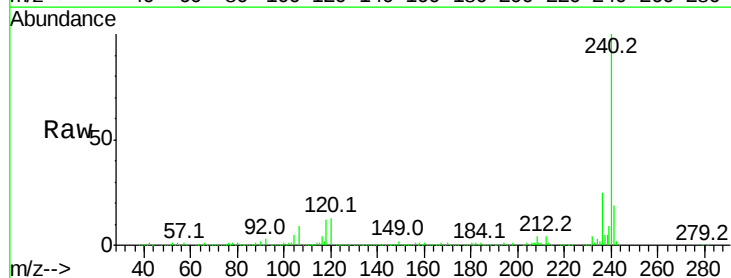
Instrument :
BNA_F
ClientSampleId :
MW-1

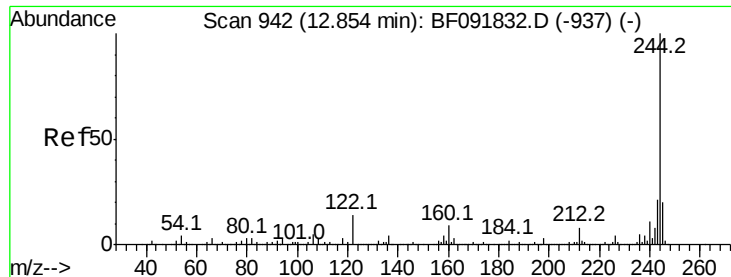
Tot Ion:188 Resp: 989015
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 9.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091879.D
Acq: 22 Dec 2016 12:07

Tgt Ion:240 Resp: 756674
Ion Ratio Lower Upper
240 100
120 13.3 12.9 19.3
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 76.39 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

Instrument :

BNA_F

ClientSampled :

MW-1

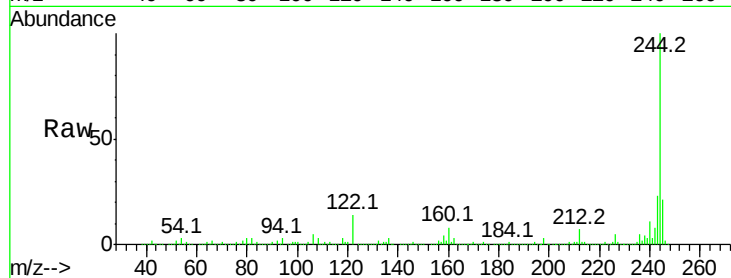
Tot Ion:244 Resp: 2383398

Ion Ratio Lower Upper

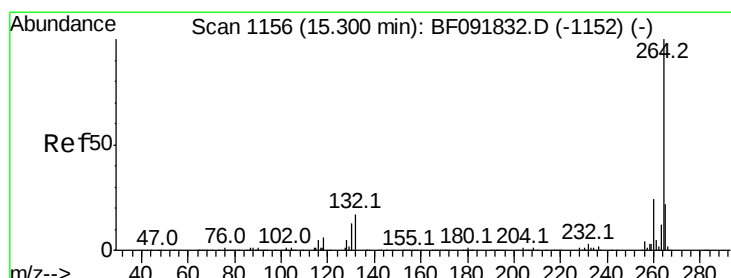
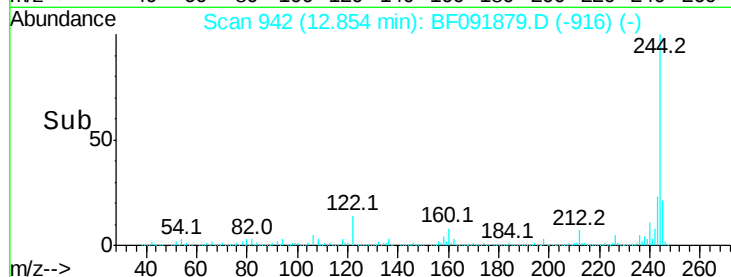
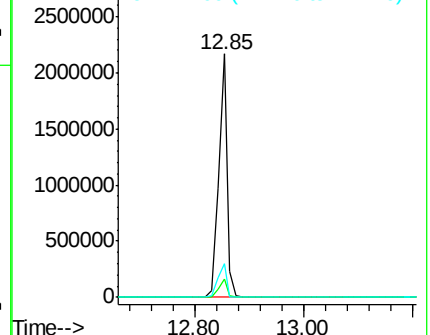
244 100

212 7.5 6.2 9.2

122 13.8 11.4 17.2



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: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091879.D

Acq: 22 Dec 2016 12:07

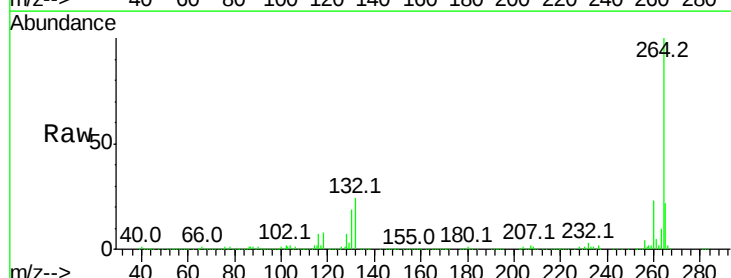
Tgt Ion:264 Resp: 617484

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.4 17.4 26.0



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

