

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100330.D
 Acq On : 9 Nov 2017 9:04
 Operator : SJ/JU
 Sample : I6336-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1C(1-2)

Quant Time: Nov 09 09:48:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

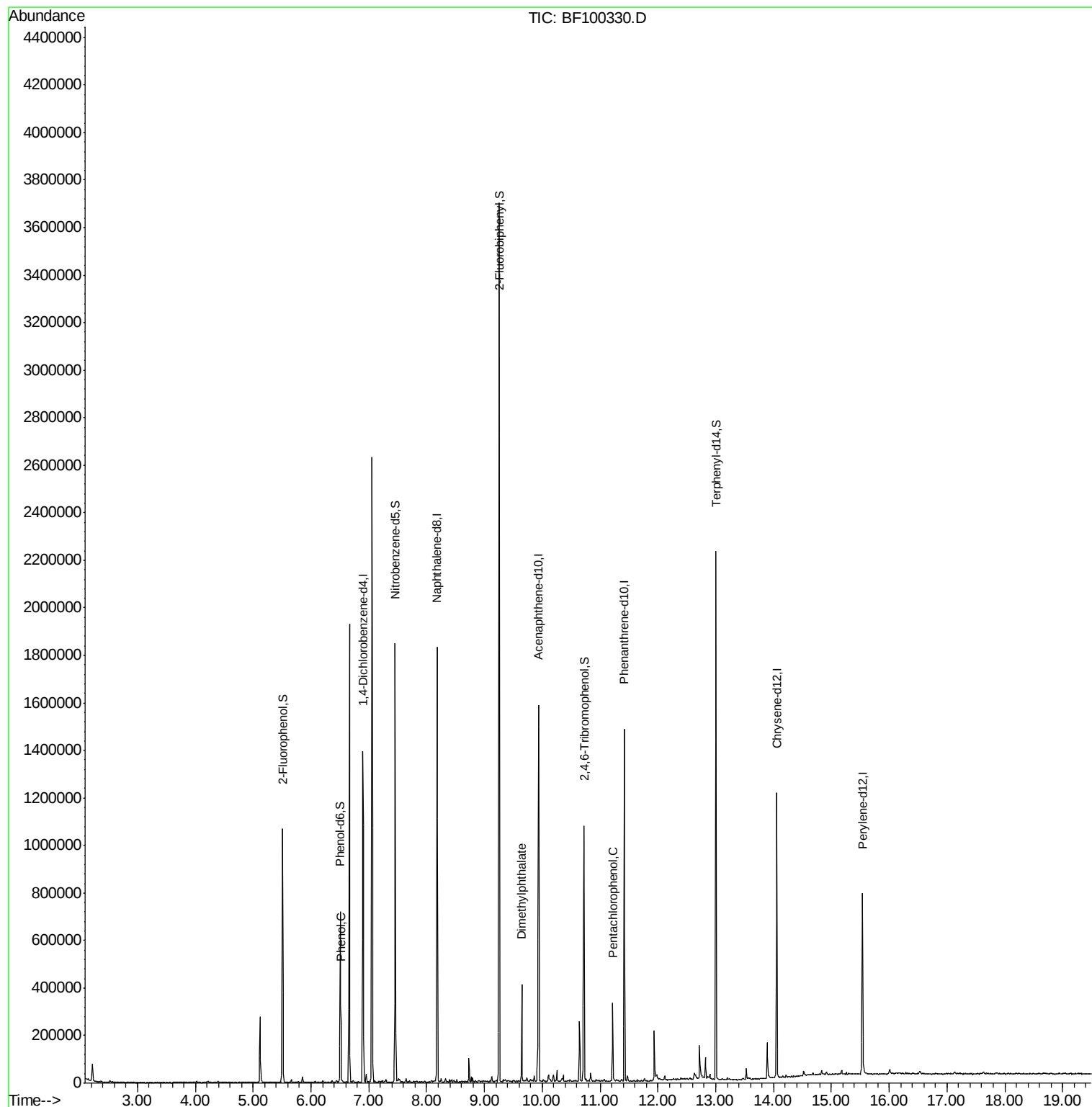
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	199341	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	750491	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	312164	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	478024	20.00	ng	0.00
75) Chrysene-d12	14.06	240	380708	20.00	ng	-0.01
86) Perylene-d12	15.54	264	356433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	271221	21.81	ng	0.00
7) Phenol-d6	6.51	99	206914	13.49	ng	-0.01
23) Nitrobenzene-d5	7.46	82	607422	53.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	121824	38.30	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1087889	53.07	ng	0.00
78) Terphenyl-d14	13.00	244	669635	40.41	ng	0.00
Target Compounds						
10) Phenol	6.52	94	55919	3.474	ng	97
49) Dimethylphthalate	9.65	163	136432	5.724	ng	99
69) Pentachlorophenol	11.22	266	32319	8.410	ng	95

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

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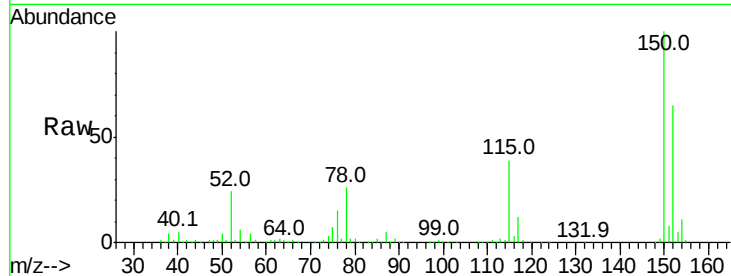


#1

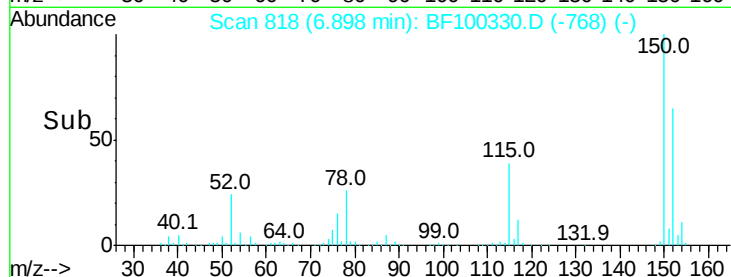
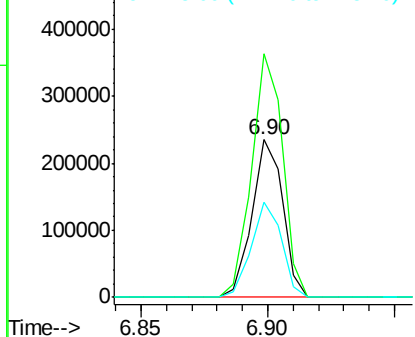
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Instrument :
BNA_F
ClientSampleId :
CF-1C(1-2)

Tot Ion:152 Resp: 199341
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.5 50.1 75.1



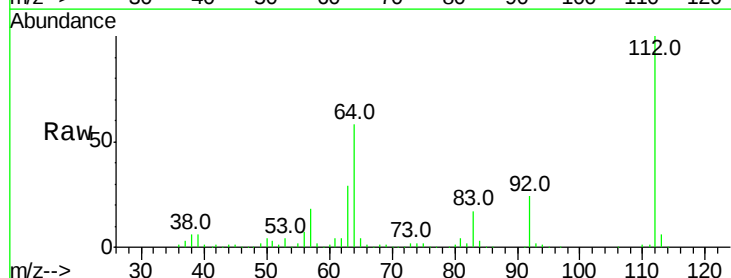
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



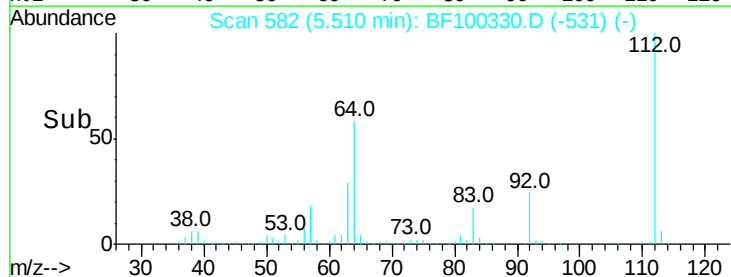
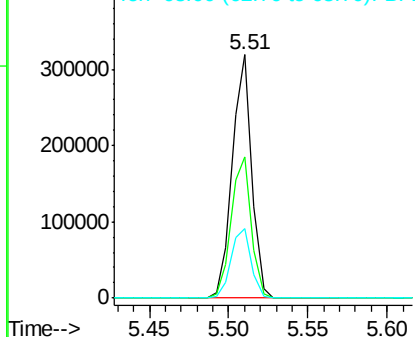
#5

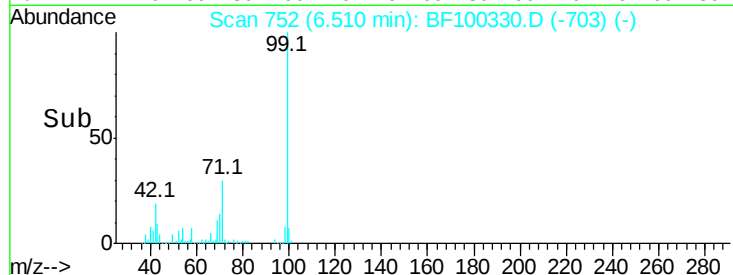
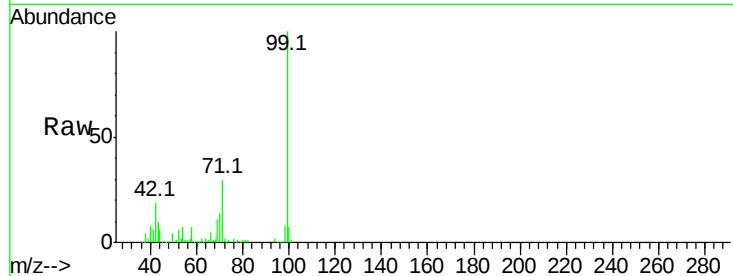
2-Fluorophenol
Concen: 21.810 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tgt Ion:112 Resp: 271221
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 28.6 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: 13.493 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

Instrument :

BNA_F

ClientSampleId :

CF-1C(1-2)

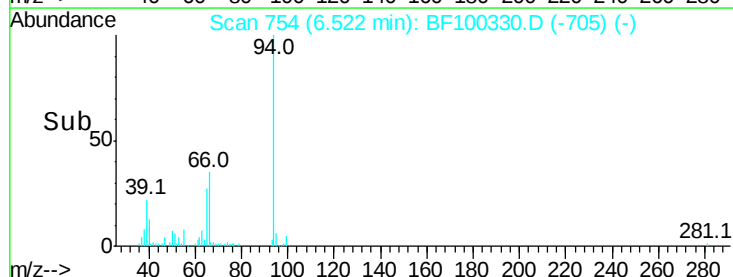
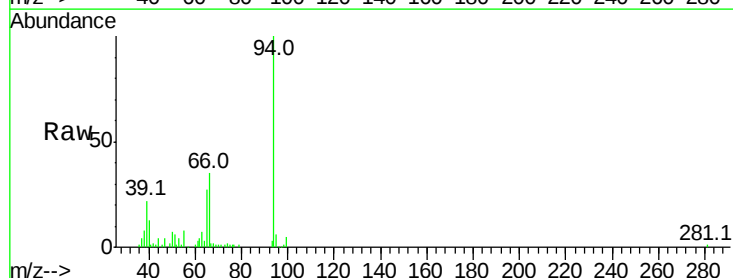
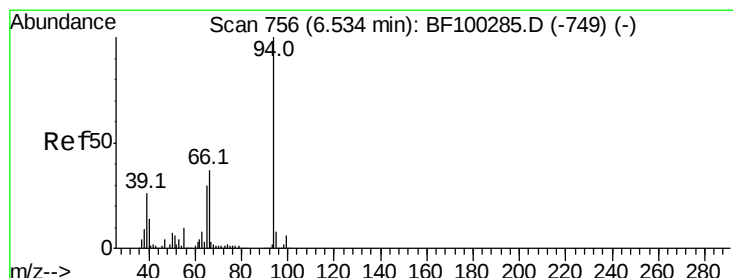
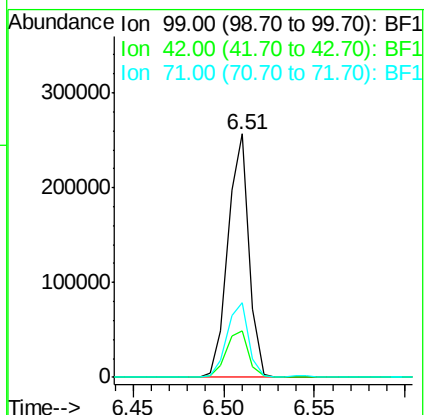
Tot Ion: 99 Resp: 206914

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 30.4 25.4 38.0



#10

Phenol

Concen: 3.474 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

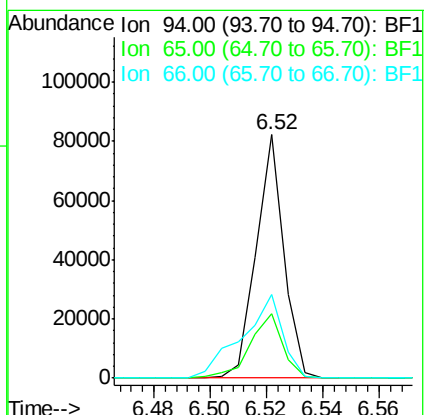
Tgt Ion: 94 Resp: 55919

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

66 34.5 16.2 56.2

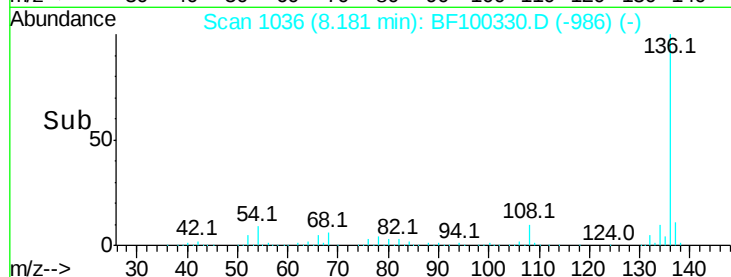
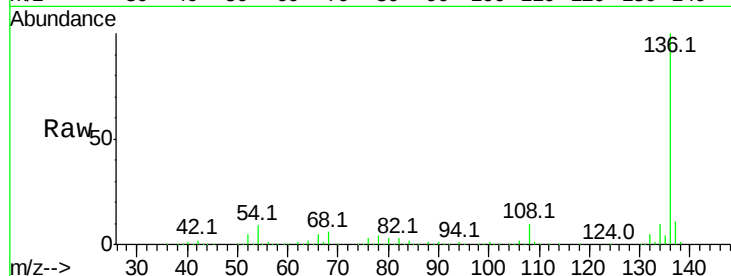




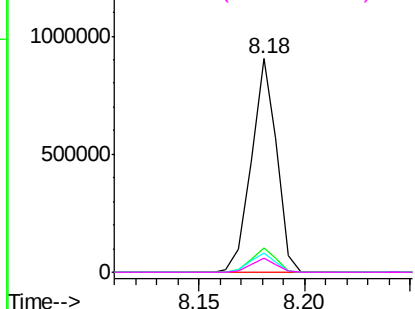
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Instrument :
BNA_F
ClientSampleId :
CF-1C(1-2)

Tot Ion:	136	Resp:	750491
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.4	5.0	7.4

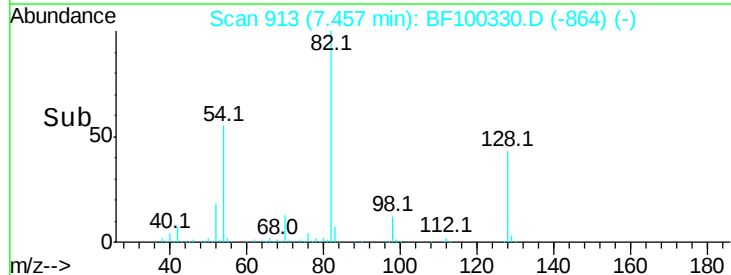
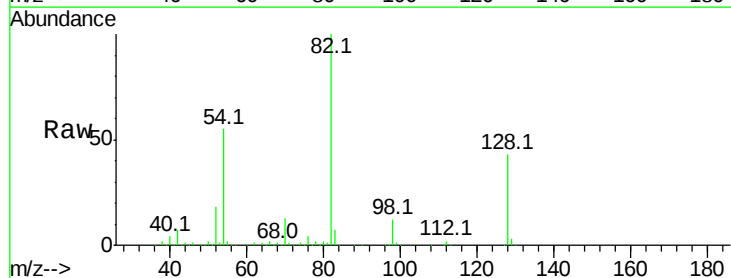


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

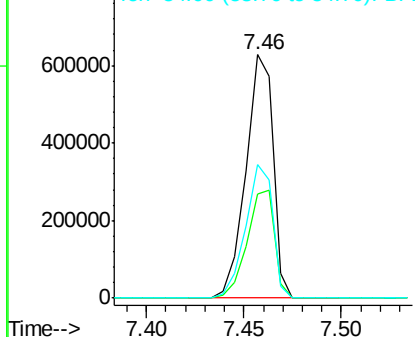


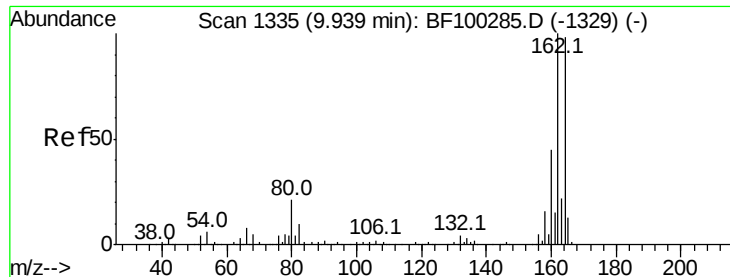
#23
Nitrobenzene-d5
Concen: 53.510 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tgt Ion:	82	Resp:	607422
Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	54.9	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

Instrument :

BNA_F

ClientSampleId :

CF-1C(1-2)

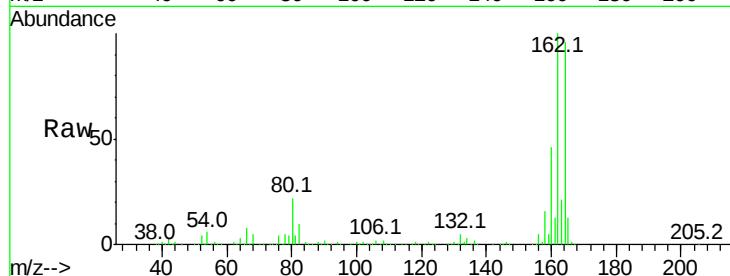
Tot Ion:164 Resp: 312164

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

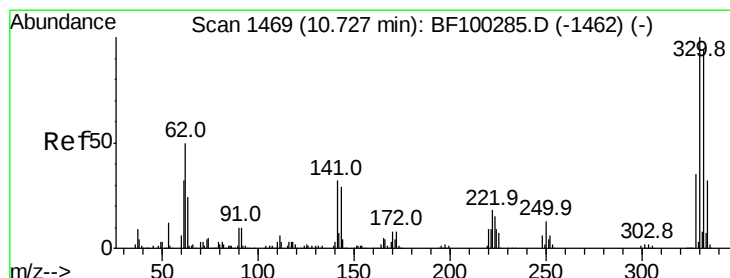
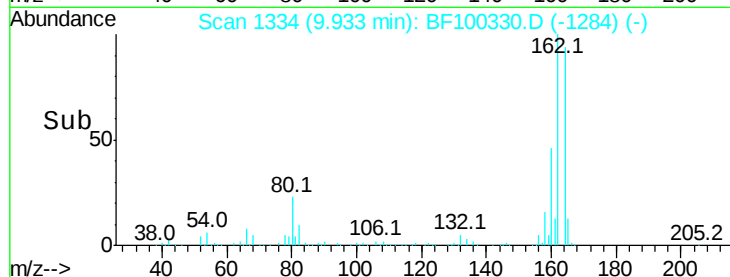
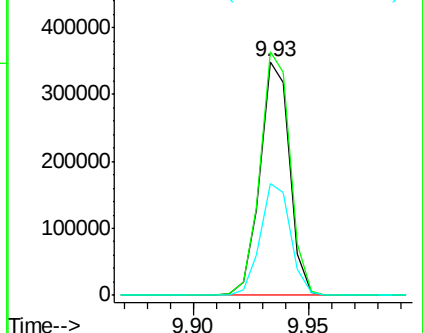
160 47.7 38.3 57.5



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: 38.298 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

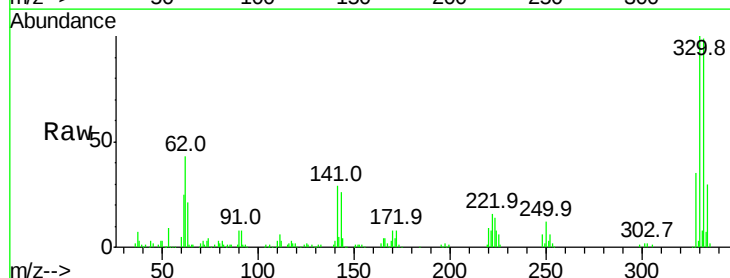
Tgt Ion:330 Resp: 121824

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

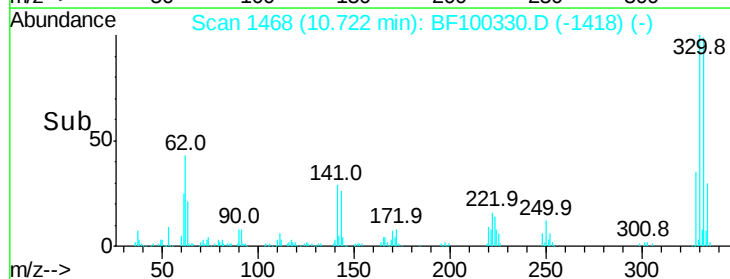
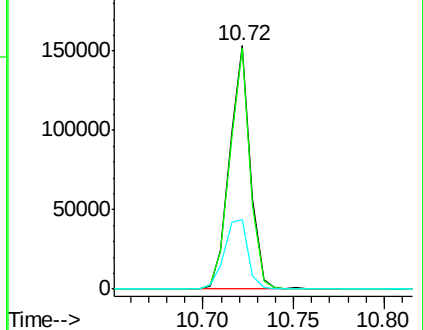
141 32.9 29.9 44.9

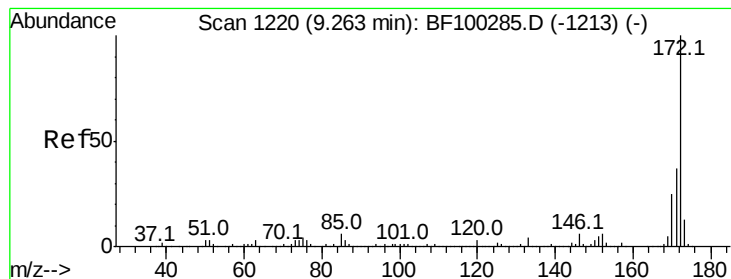


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 53.066 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

Instrument :

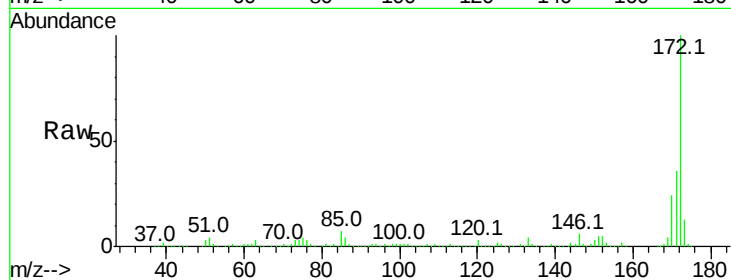
BNA_F

ClientSampleId :

CF-1C(1-2)

Tot Ion:172 Resp: 1087889

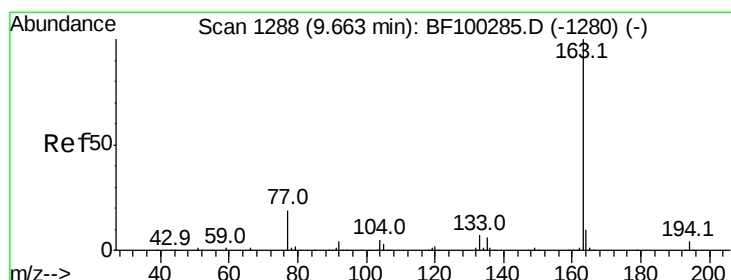
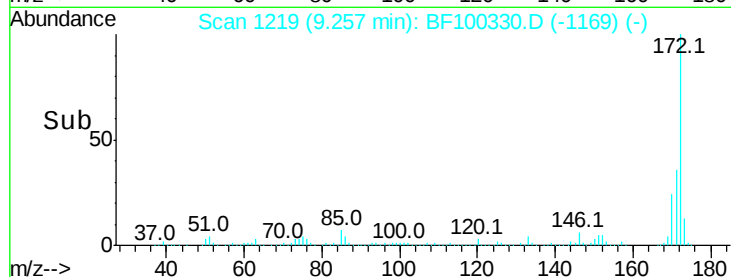
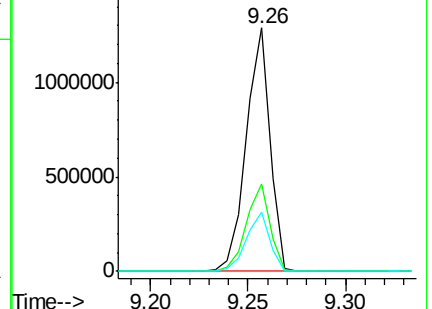
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4



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



#49

Dimethylphthalate

Concen: 5.724 ng

RT: 9.65 min Scan# 1285

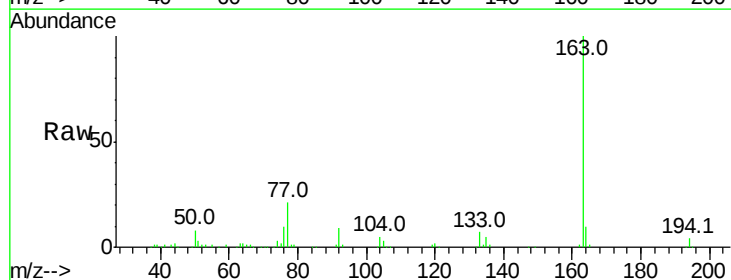
Delta R.T. -0.02 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

Tgt Ion:163 Resp: 136432

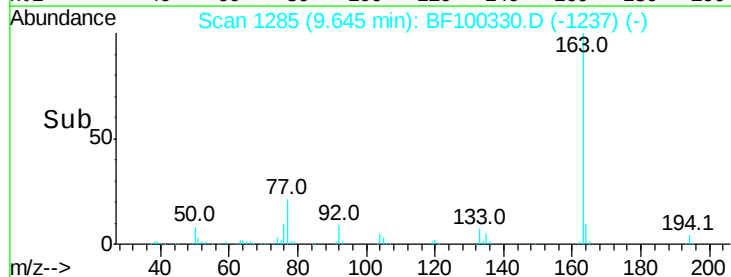
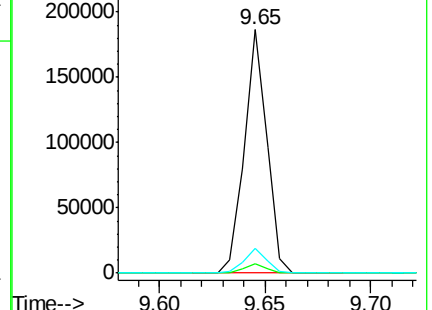
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2



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

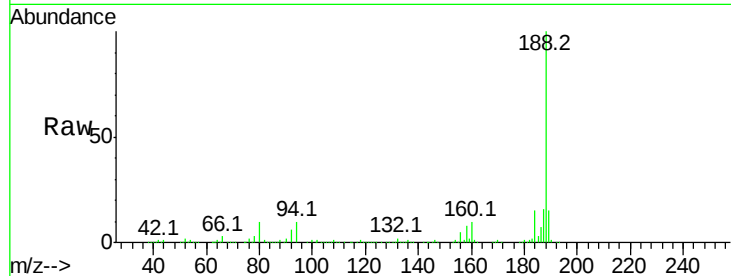




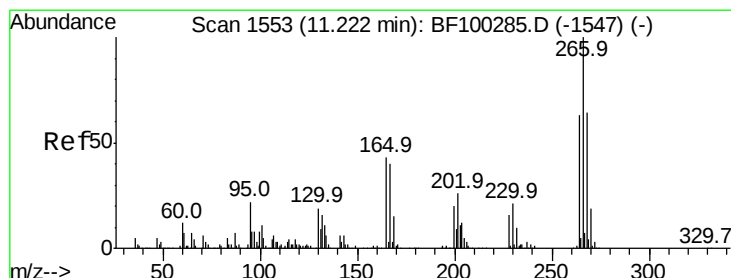
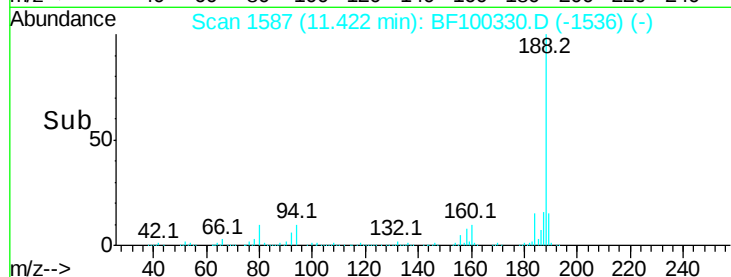
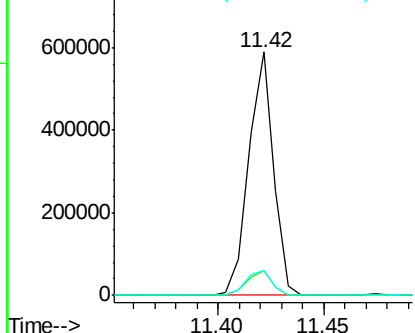
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Instrument :
BNA_F
ClientSampleId :
CF-1C(1-2)

Tot Ion:188 Resp: 478024
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.4 9.2 13.8

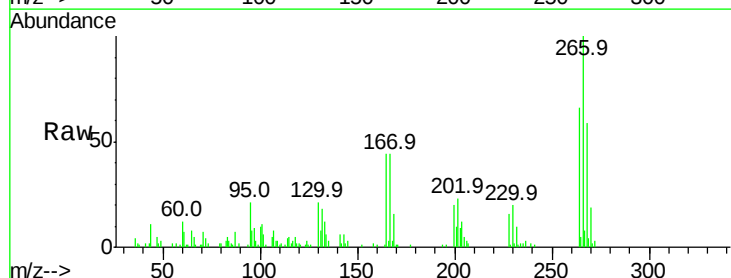


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

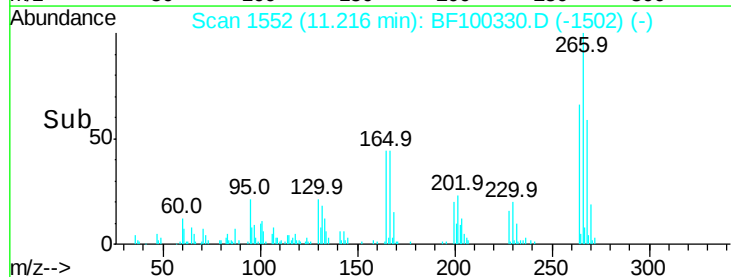
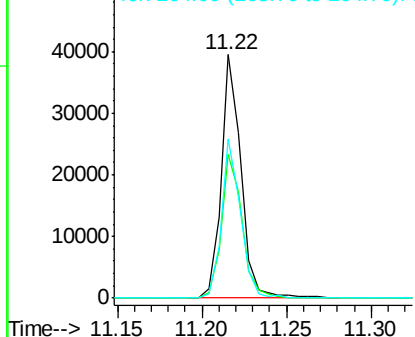


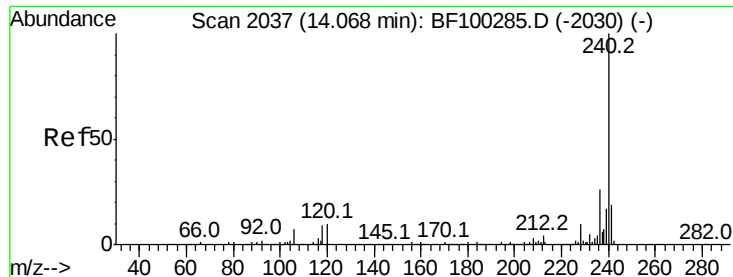
#69
Pentachlorophenol
Concen: 8.410 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tgt Ion:266 Resp: 32319
Ion Ratio Lower Upper
266 100
268 59.1 51.1 76.7
264 65.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

Instrument :

BNA_F

ClientSampleId :

CF-1C(1-2)

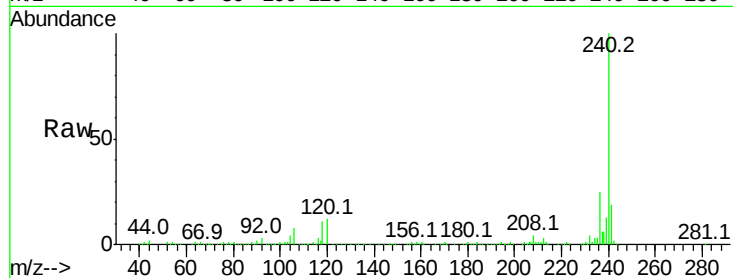
Tot Ion:240 Resp: 380708

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

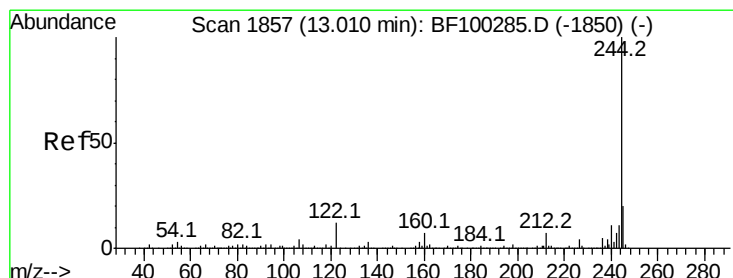
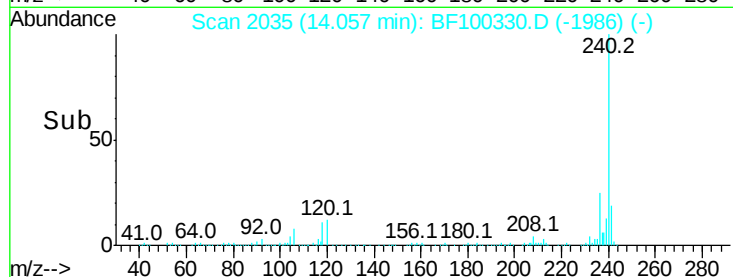
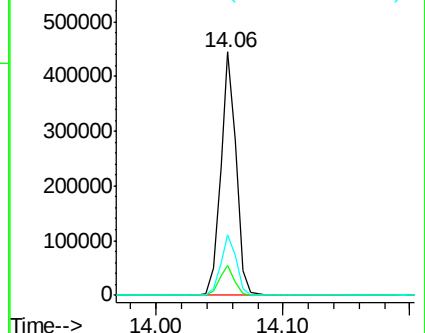
236 25.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 40.415 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

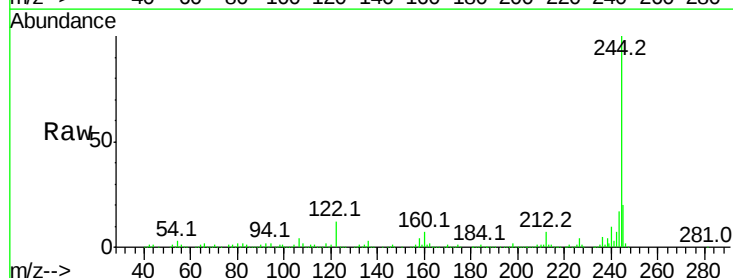
Tgt Ion:244 Resp: 669635

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

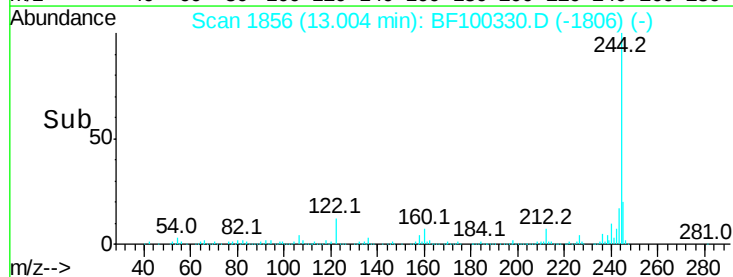
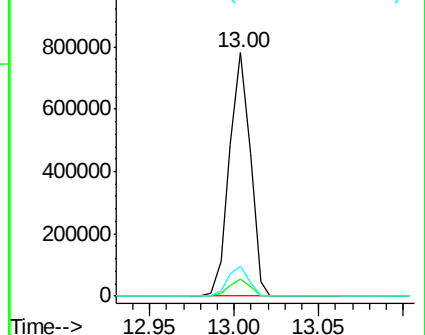
122 12.5 11.0 16.4

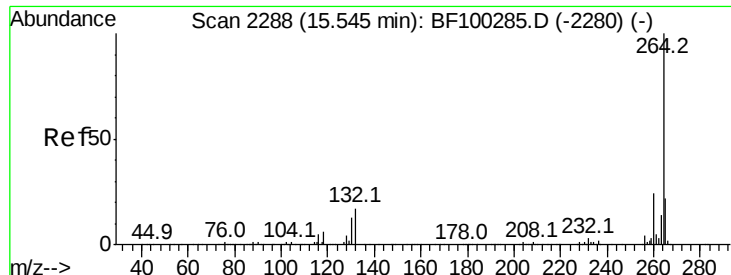


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

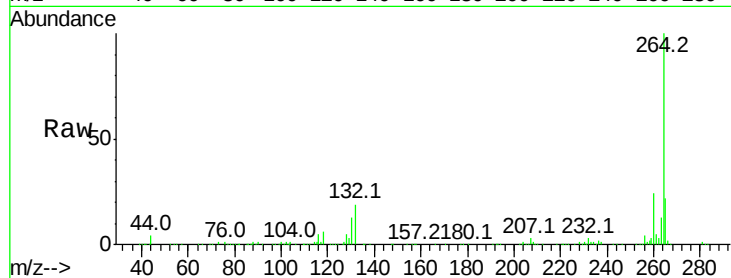




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100330.D
 Acq: 9 Nov 2017 9:04

Instrument :
 BNA_F
 ClientSampleId :
 CF-1C(1-2)

Tot Ion: 264 Resp: 356433
 Ion Ratio Lower Upper
 264 100
 260 24.5 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

