

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101037.D
 Acq On : 1 Dec 2017 00:13
 Operator : SJ/JU
 Sample : I6641-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Dec 01 03:49:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

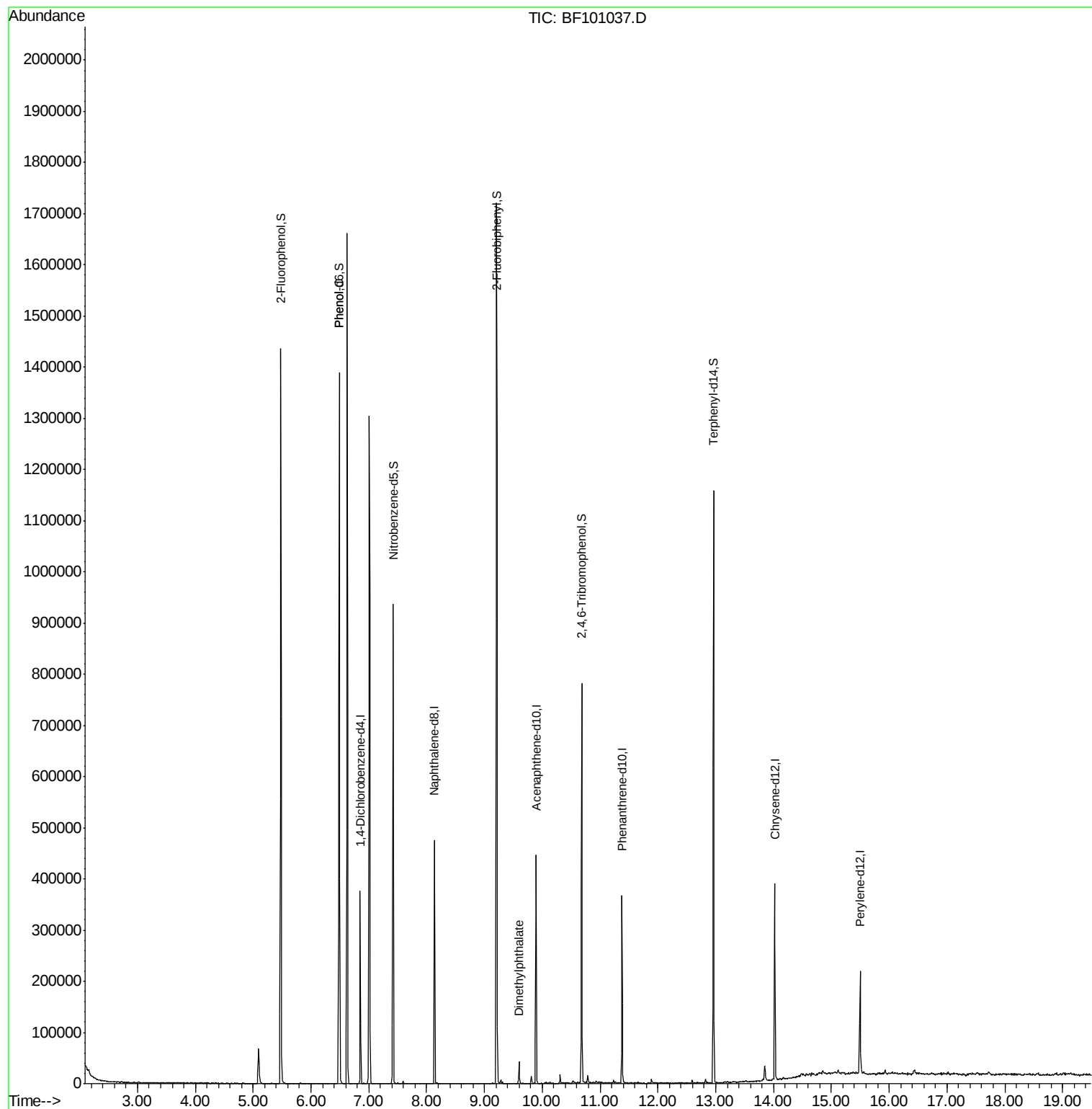
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58150	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	215973	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	86430	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	130196	20.00	ng	0.00
75) Chrysene-d12	14.02	240	131386	20.00	ng	0.00
86) Perylene-d12	15.50	264	93630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	407013	115.66	ng	0.01
7) Phenol-d6	6.49	99	492550	115.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	291942	80.64	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	95163	91.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	551140	87.25	ng	0.00
78) Terphenyl-d14	12.96	244	402401	66.99	ng	0.00
Target Compounds						
10) Phenol	6.50	94	17305	3.643	ng	# 73
49) Dimethylphthalate	9.60	163	19021	2.729	ng	# 96

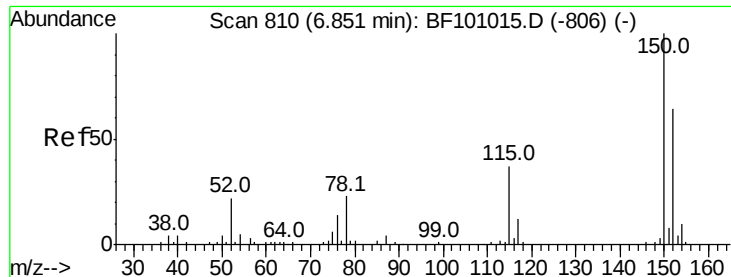
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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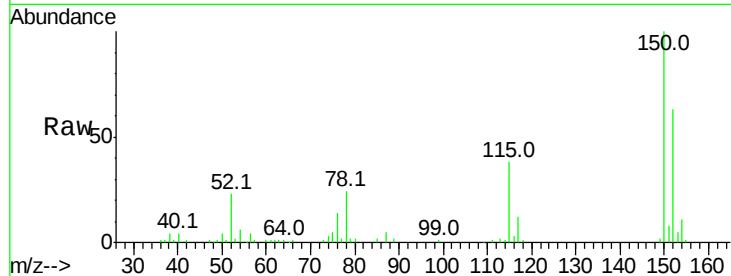


#1

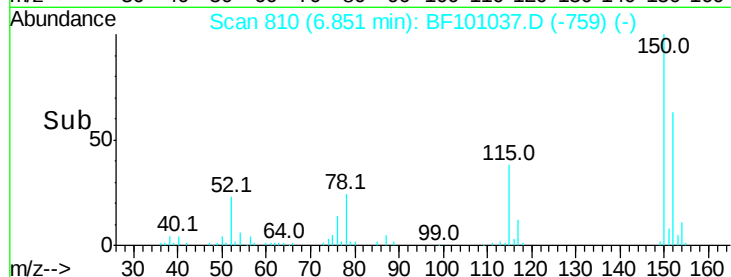
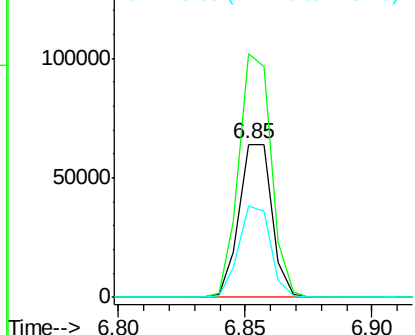
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion:152 Resp: 58150
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 59.8 50.1 75.1



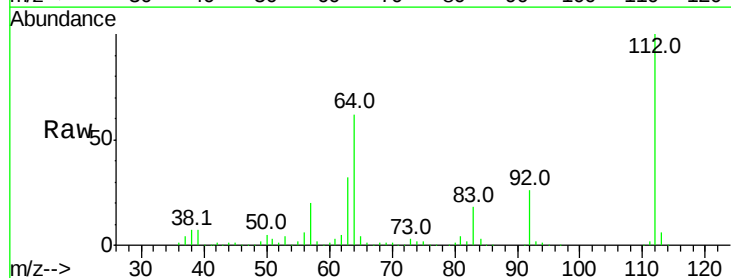
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



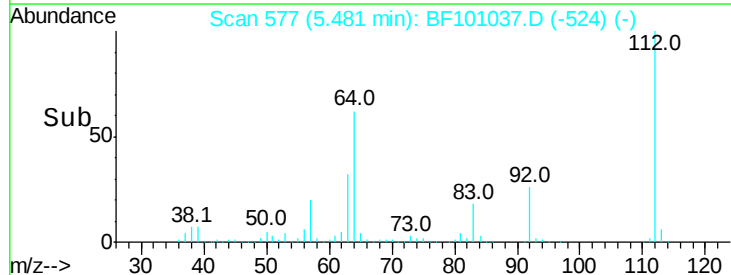
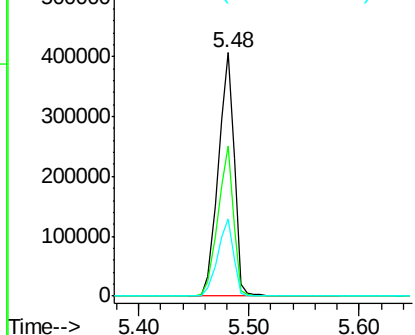
#5

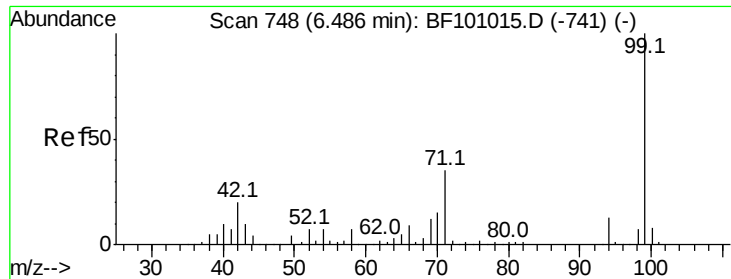
2-Fluorophenol
Concen: 115.661 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:112 Resp: 407013
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 31.6 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: 115.285 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101037.D

Acq: 1 Dec 2017 00:13

Instrument :

BNA_F

ClientSampleId :

TP-1

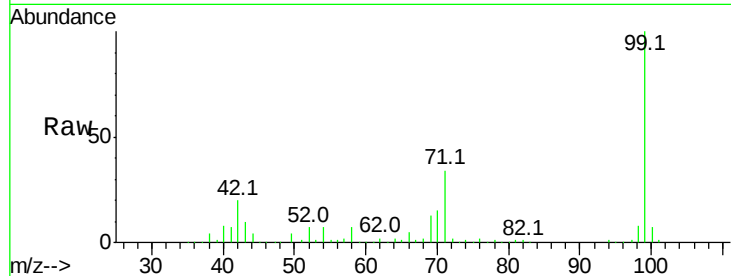
Tot Ion: 99 Resp: 492550

Ion Ratio Lower Upper

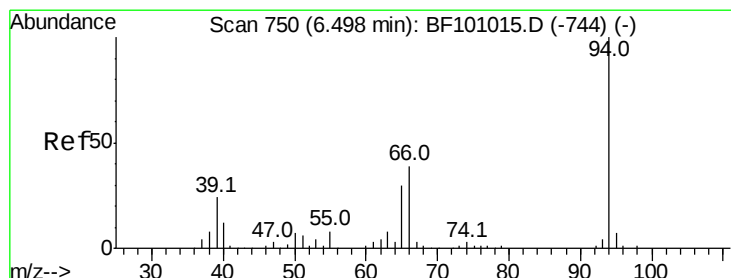
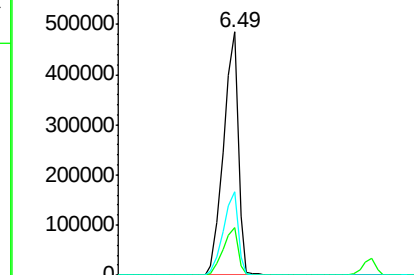
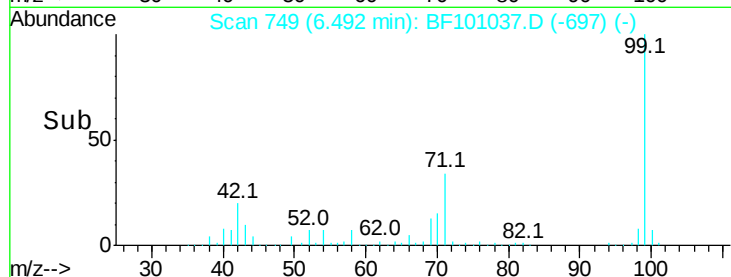
99 100

42 19.9 14.5 21.7

71 34.2 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



#10

Phenol

Concen: 3.643 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF101037.D

Acq: 1 Dec 2017 00:13

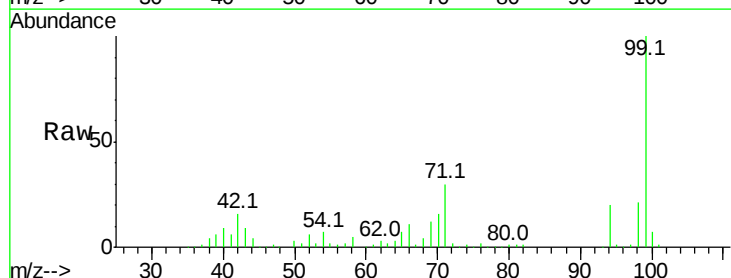
Tgt Ion: 94 Resp: 17305

Ion Ratio Lower Upper

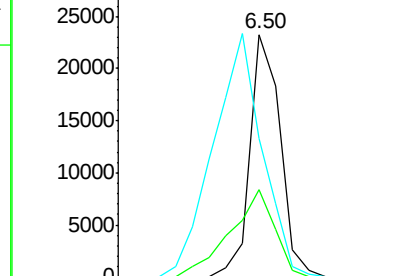
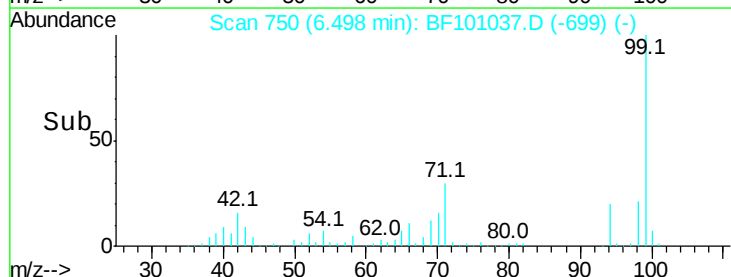
94 100

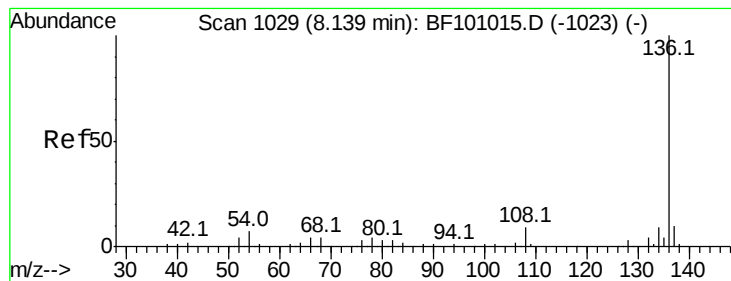
65 36.1 7.9 47.9

66 57.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF101037.D

Acq: 1 Dec 2017 00:13

Instrument :

BNA_F

ClientSampleId :

TP-1

Tot Ion:136 Resp: 215973

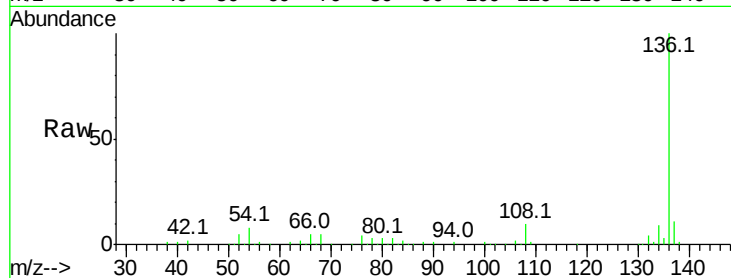
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.4 6.6 9.8

68 5.1 5.0 7.4

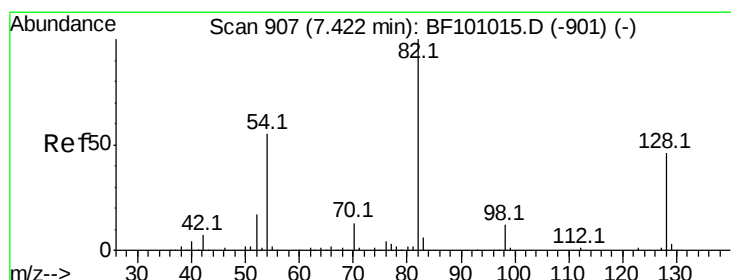
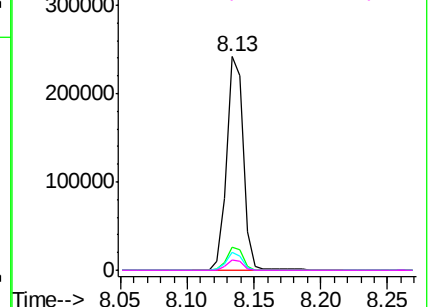
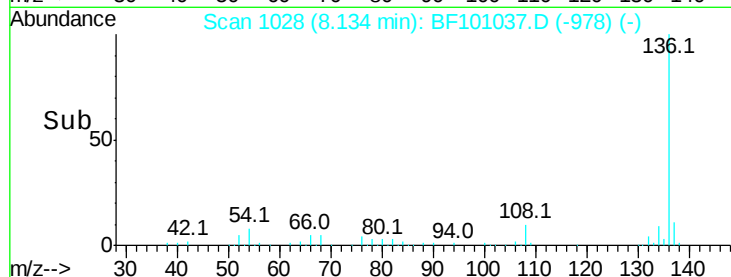


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.636 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF101037.D

Acq: 1 Dec 2017 00:13

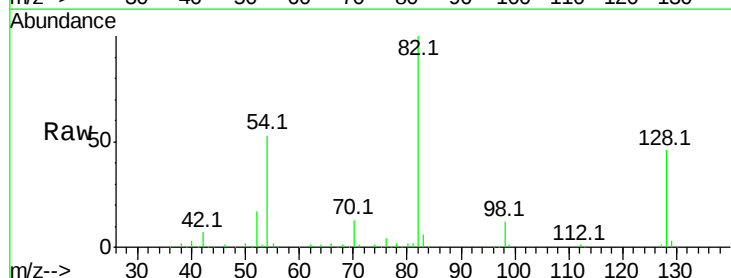
Tgt Ion: 82 Resp: 291942

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

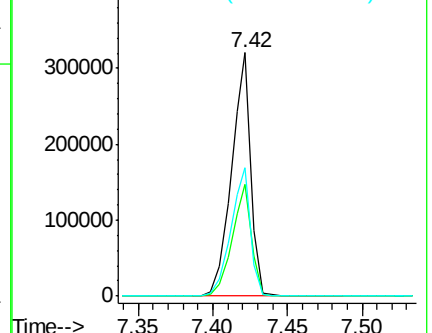
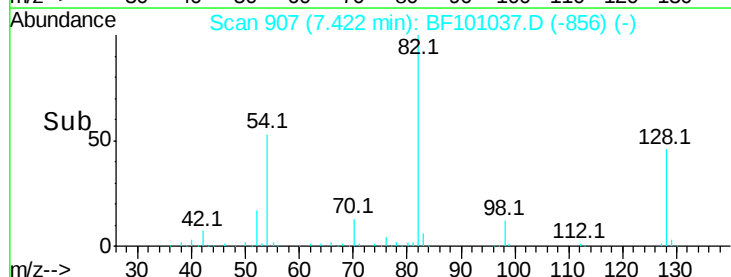
54 52.8 41.4 62.2

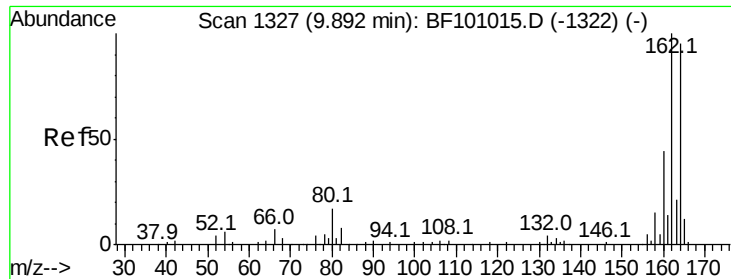


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

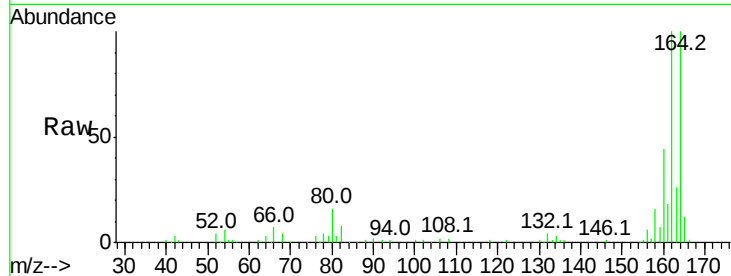




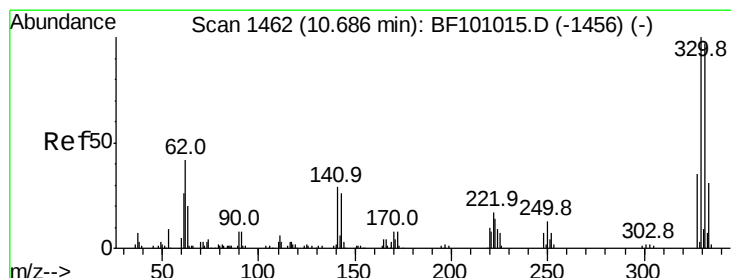
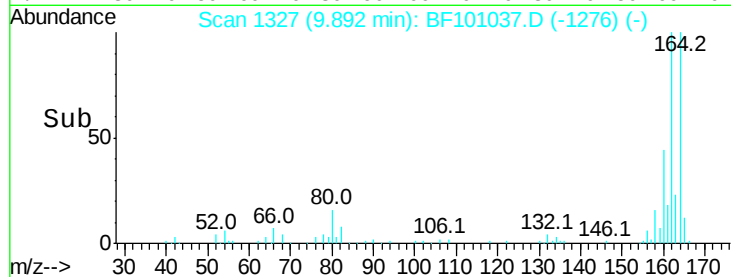
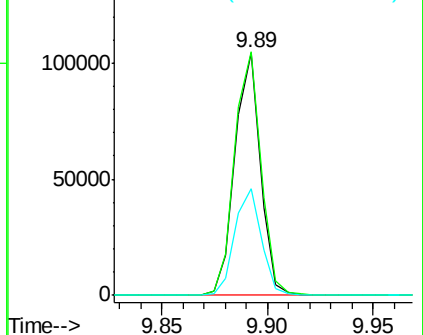
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:164 Resp: 86430
Ion Ratio Lower Upper
164 100
162 100.3 86.1 129.1
160 44.0 38.3 57.5

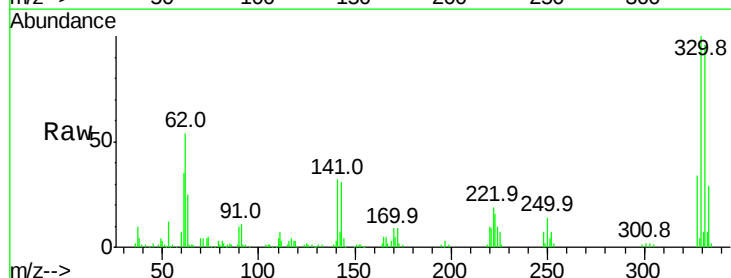


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

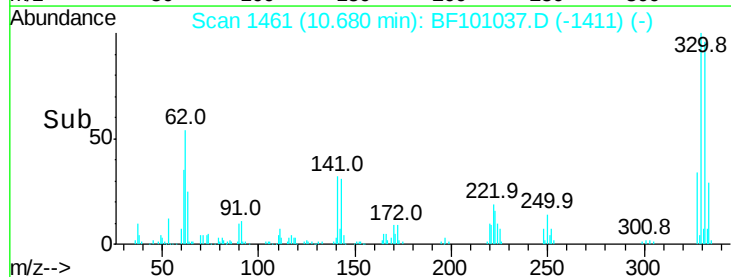
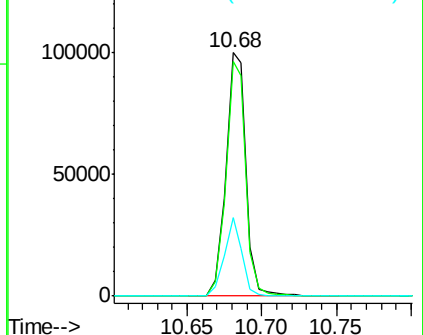


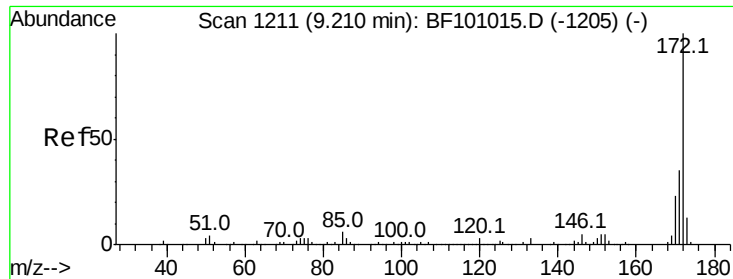
#41
2,4,6-Tribromophenol
Concen: 91.655 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:330 Resp: 95163
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 28.3 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



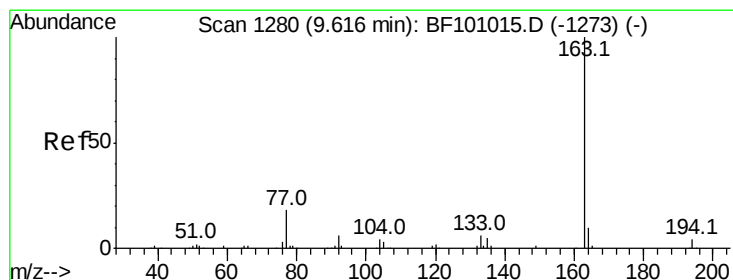
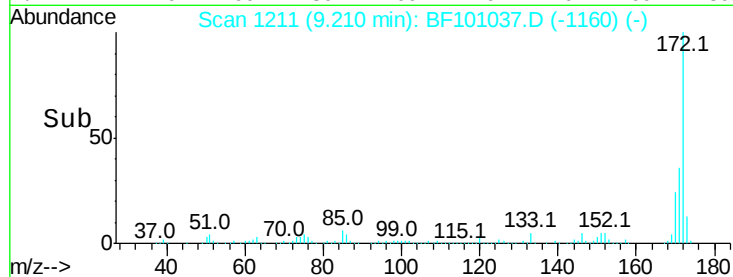
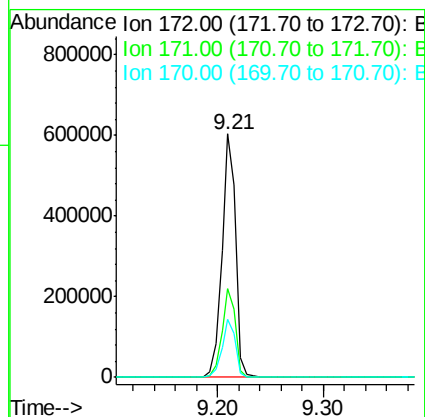
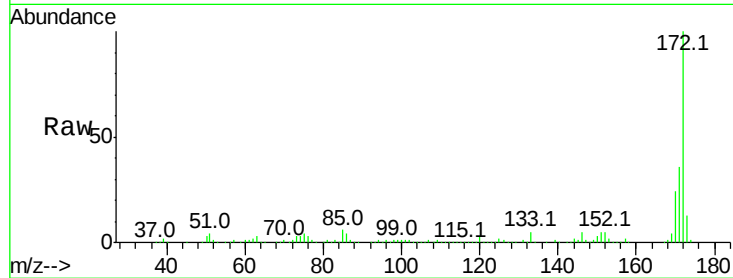


#44
 2-Fluorobiphenyl
 Concen: 87.246 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:172 Resp: 551140

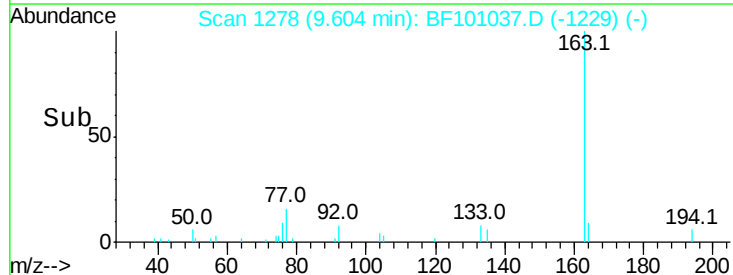
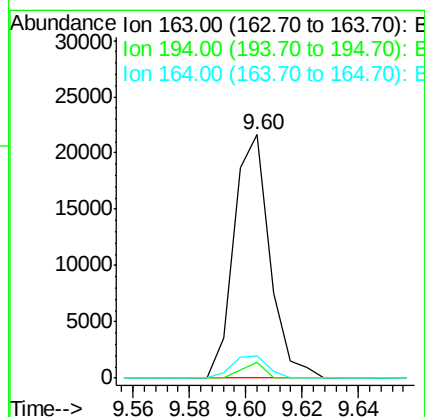
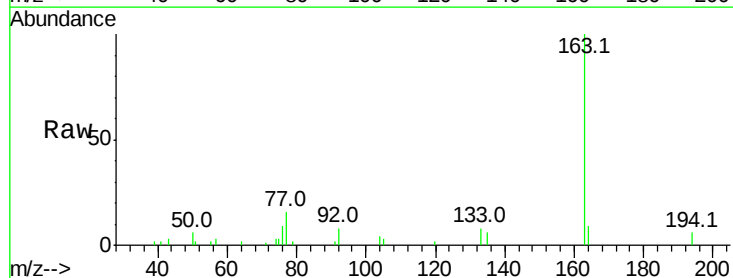
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4

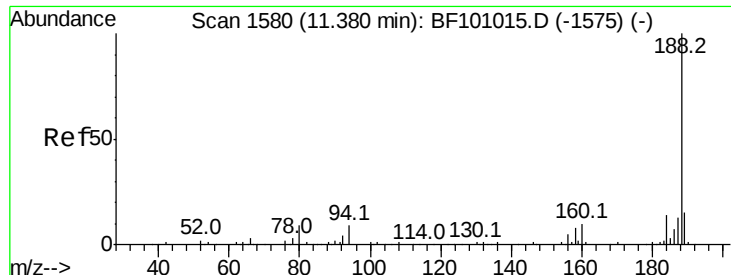


#49
 Dimethylphthalate
 Concen: 2.729 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Tgt Ion:163 Resp: 19021

Ion	Ratio	Lower	Upper
163	100		
194	6.4	2.7	4.1#
164	9.3	8.2	12.2

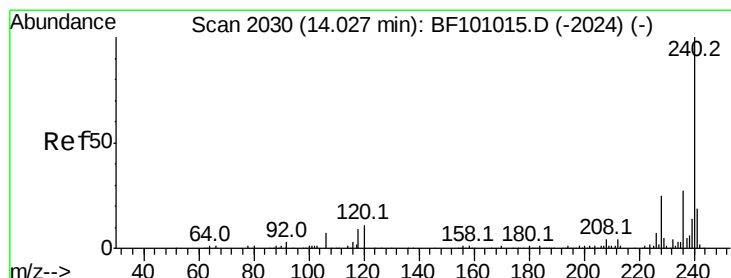
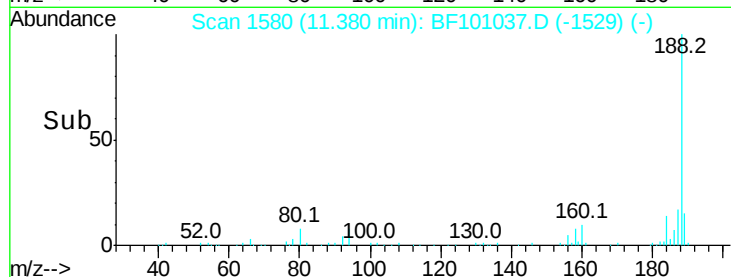
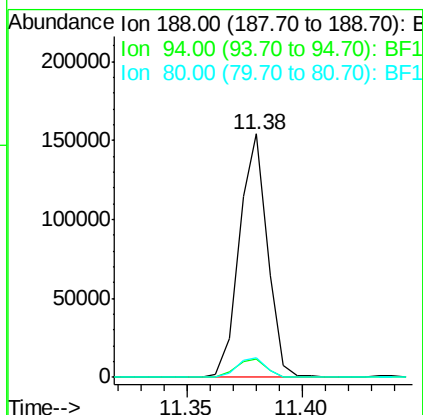
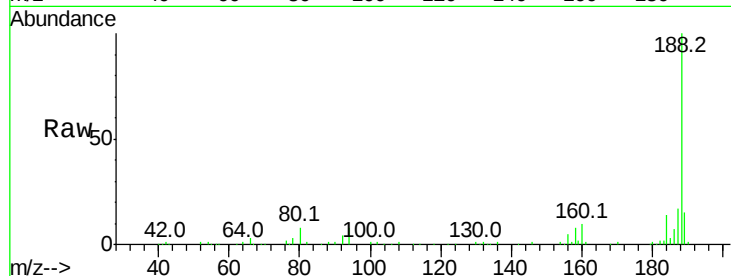




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

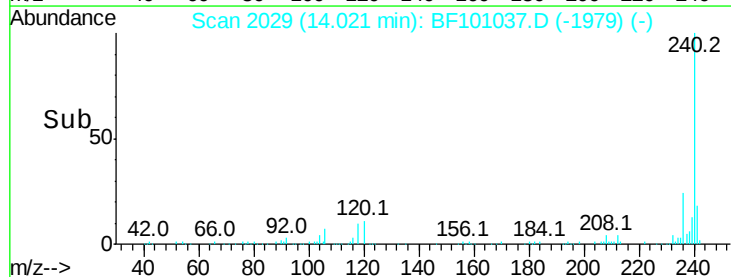
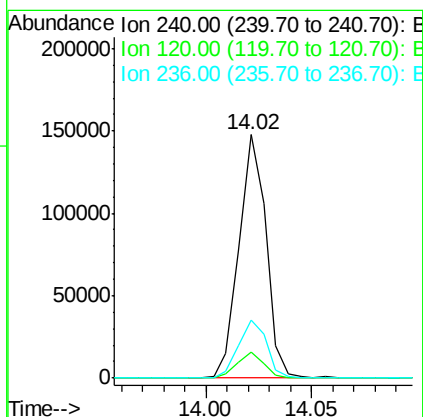
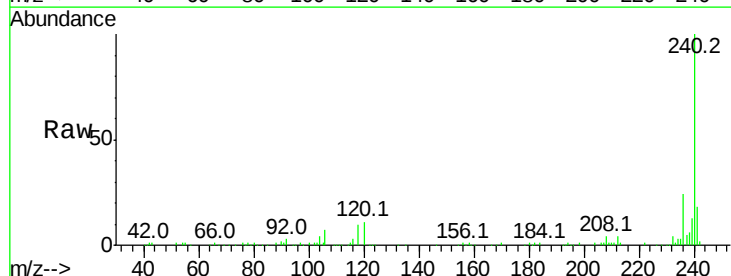
Instrument :
BNA_F
ClientSampleId :
TP-1

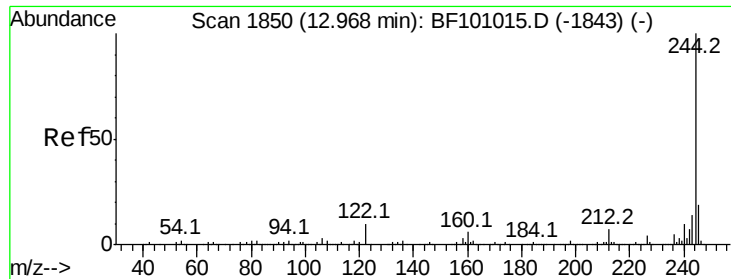
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.3	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	23.8	20.7	31.1

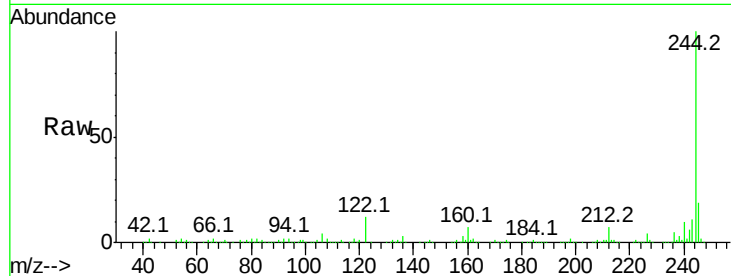




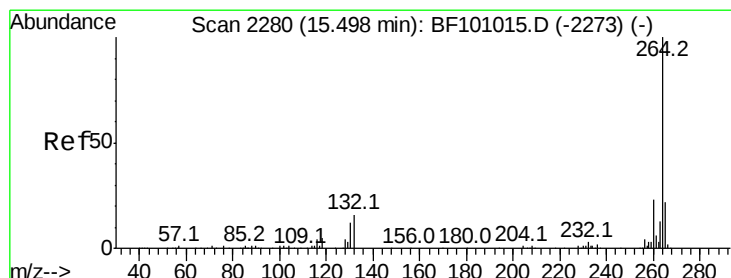
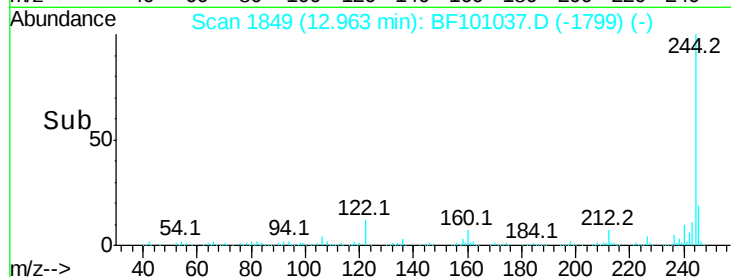
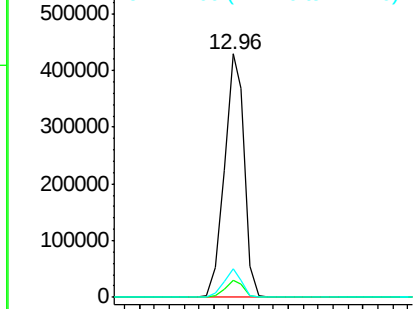
#78
 Terphenyl-d14
 Concen: 66.990 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:244 Resp: 402401
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4

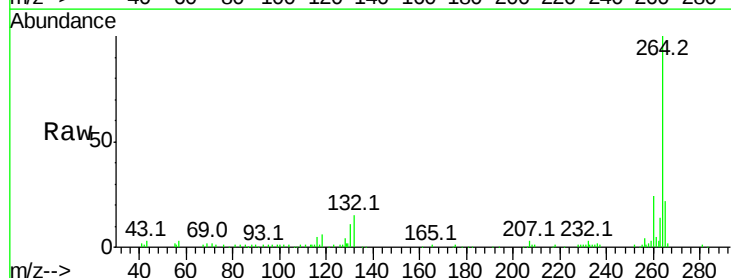


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Tgt Ion:264 Resp: 93630
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.9 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

