

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106800.D
 Acq On : 26 Jun 2018 4:40
 Operator : JU/SJ
 Sample : J3648-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-01

Quant Time: Jun 26 07:35:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

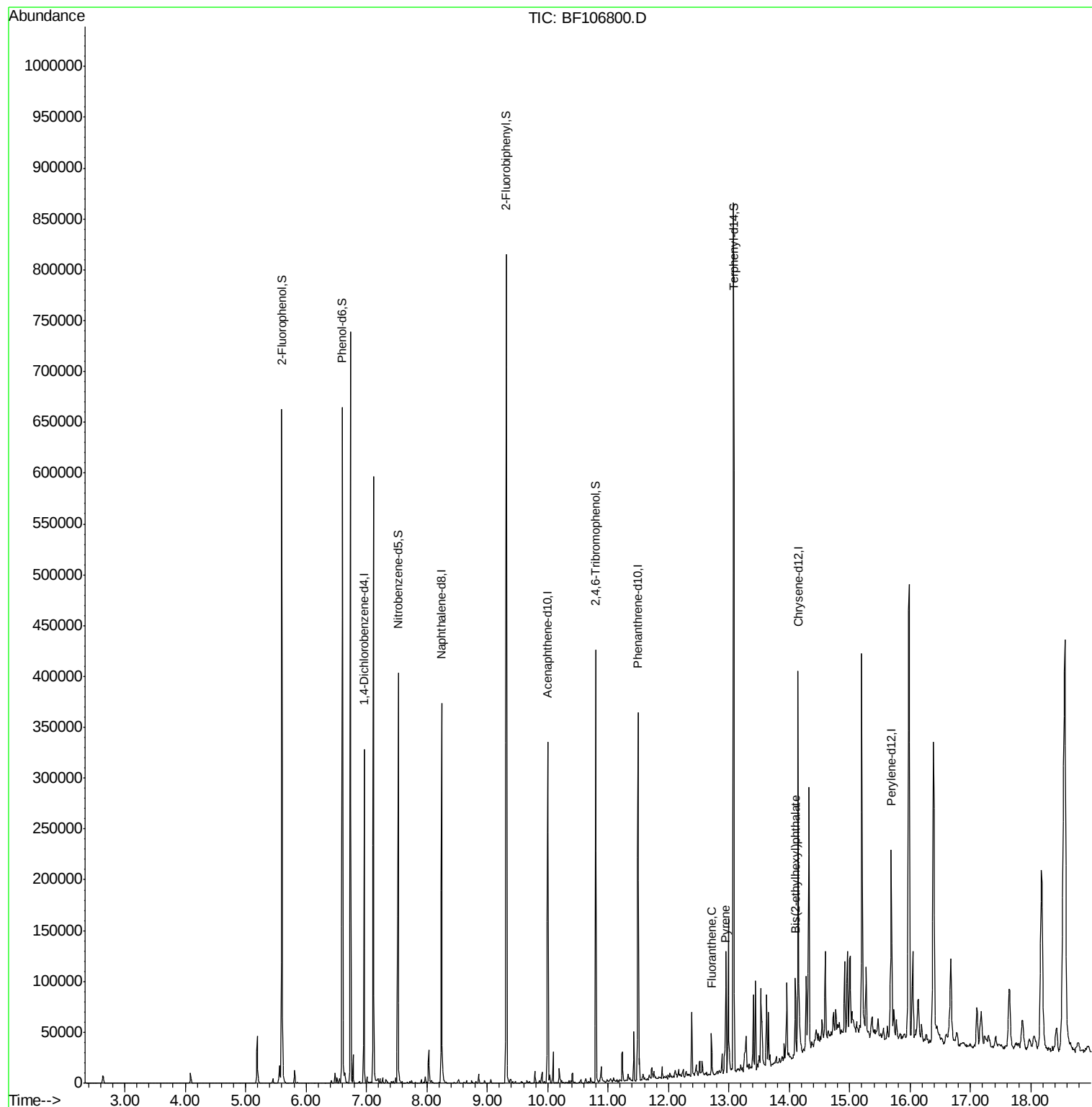
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44685	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	159677	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68911	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	128990	20.00	ng	0.00
75) Chrysene-d12	14.15	240	127534	20.00	ng	-0.02
86) Perylene-d12	15.69	264	91726	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	181445	68.76	ng	0.00
7) Phenol-d6	6.60	99	222207	67.43	ng	-0.01
23) Nitrobenzene-d5	7.52	82	138485	48.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	55740	69.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	270696	62.60	ng	-0.01
78) Terphenyl-d14	13.08	244	303652	57.67	ng	0.00
Target Compounds						
74) Fluoranthene	12.71	202	15316	2.234	ng	95
77) Pyrene	12.94	202	17709	2.106	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	10780	2.439	ng	92

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

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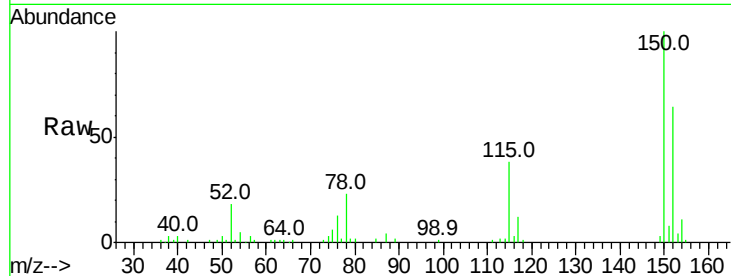


#1

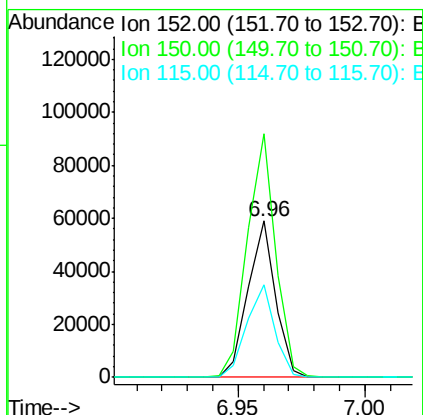
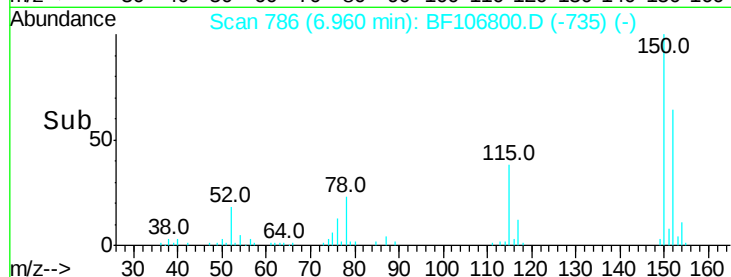
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-01

Tot Ion:152 Resp: 44685
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 59.6 50.1 75.1



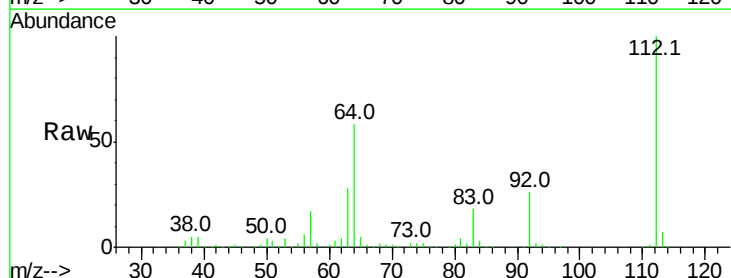
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



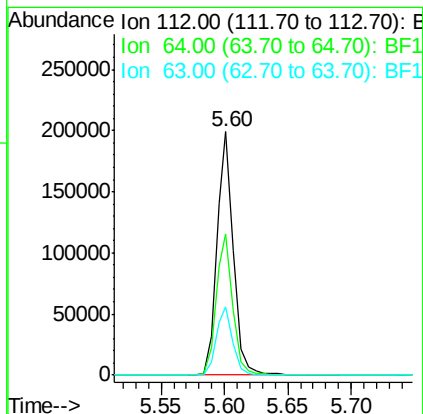
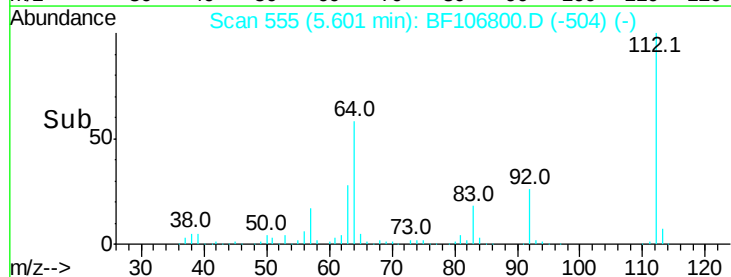
#5

2-Fluorophenol
Concen: 68.758 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:112 Resp: 181445
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 28.0 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: 67.428 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-01

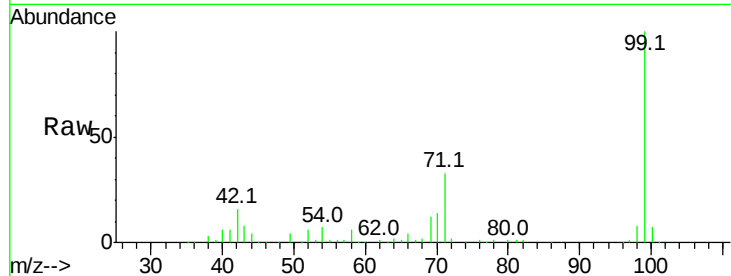
Tot Ion: 99 Resp: 222207

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

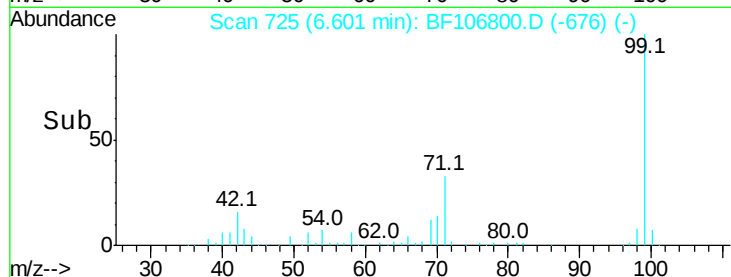
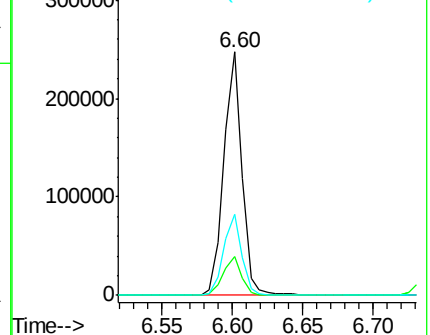
71 33.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Tgt Ion: 136 Resp: 159677

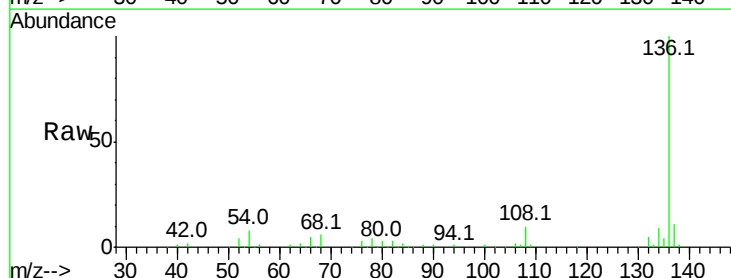
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 6.2 5.0 7.4

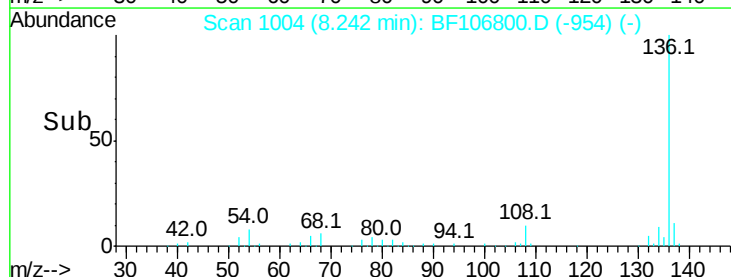
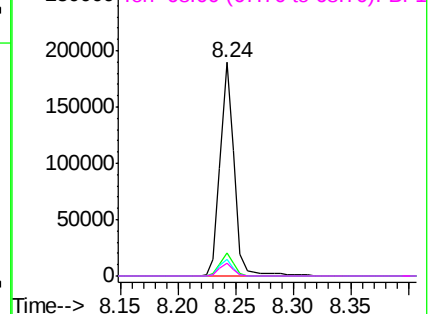


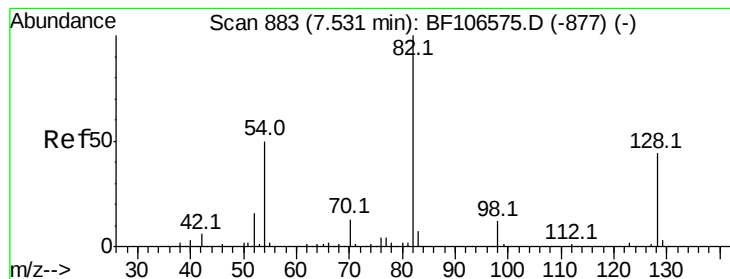
Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.198 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-01

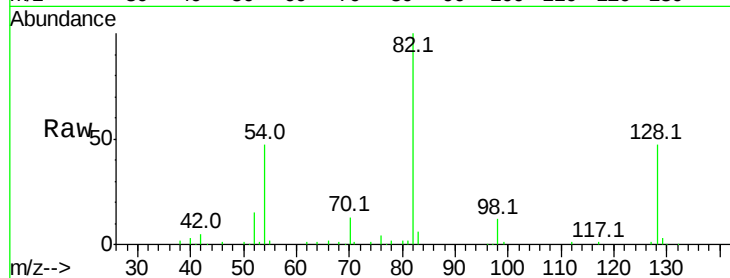
Tot Ion: 82 Resp: 138485

Ion Ratio Lower Upper

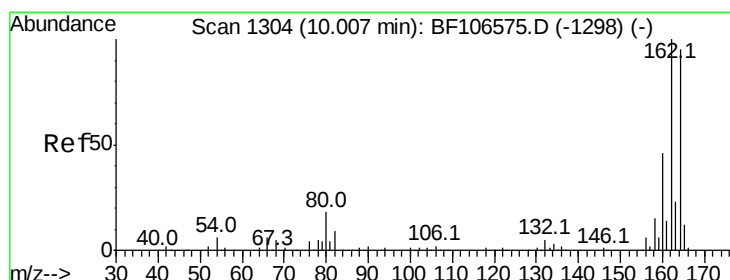
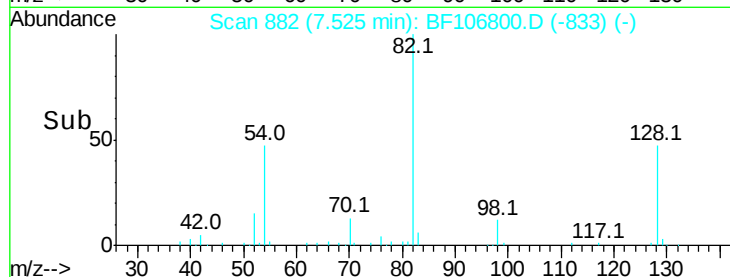
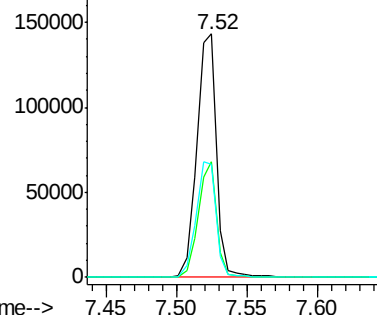
82 100

128 47.4 36.1 54.1

54 46.6 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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

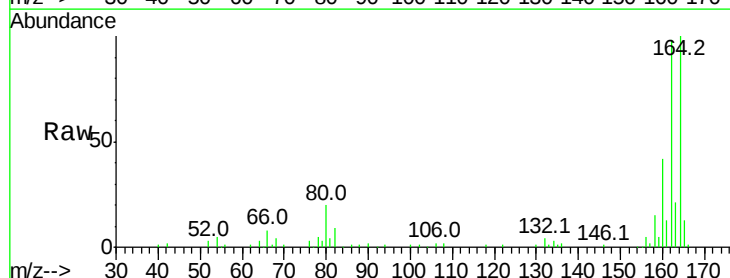
Tgt Ion:164 Resp: 68911

Ion Ratio Lower Upper

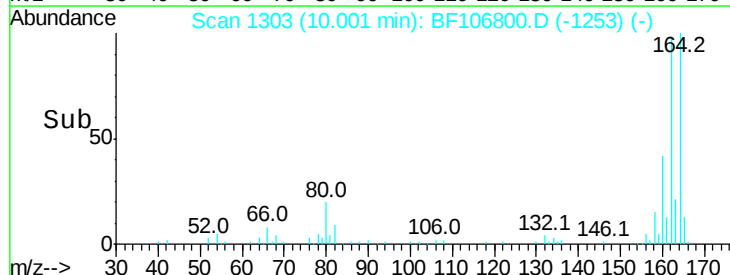
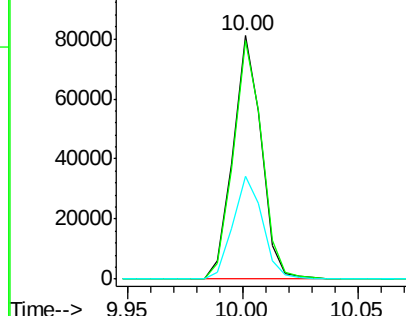
164 100

162 98.1 86.1 129.1

160 42.4 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: 69.789 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

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ClientSampleId :

DPC-81753-FB-01

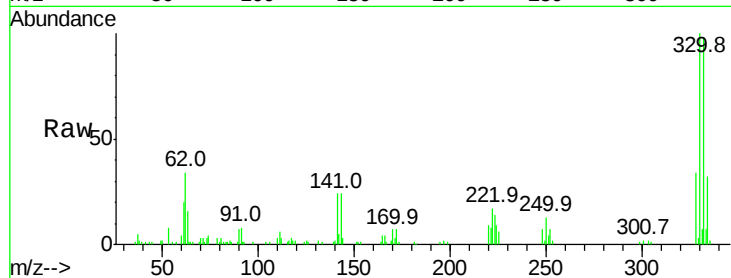
Tot Ion:330 Resp: 55740

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

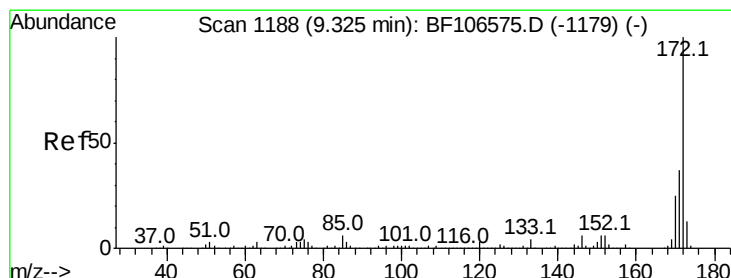
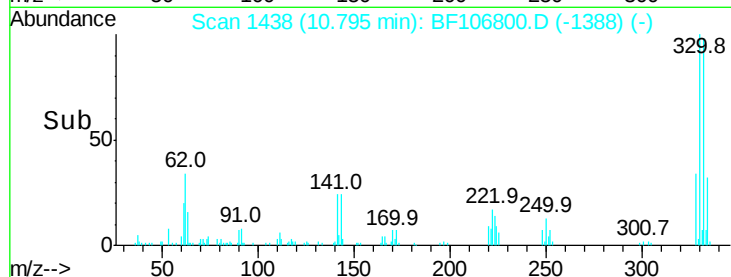
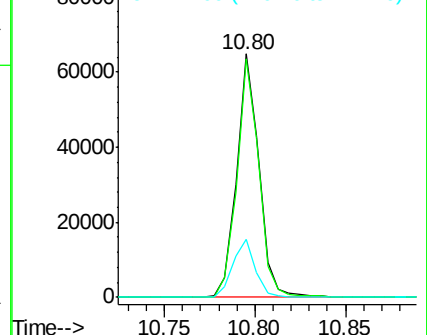
141 23.6 29.9 44.9#



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: 62.603 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

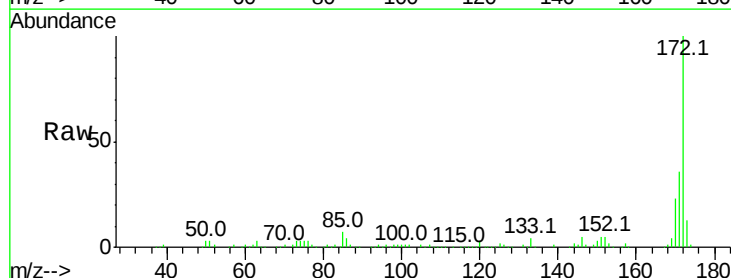
Tgt Ion:172 Resp: 270696

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

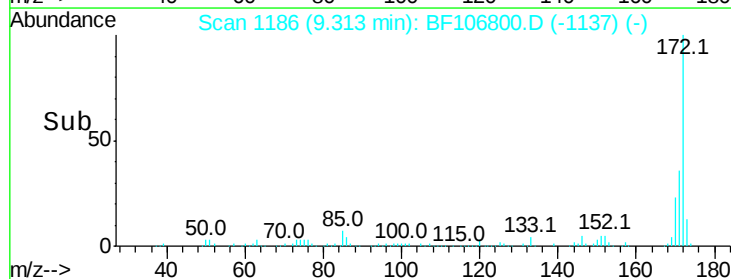
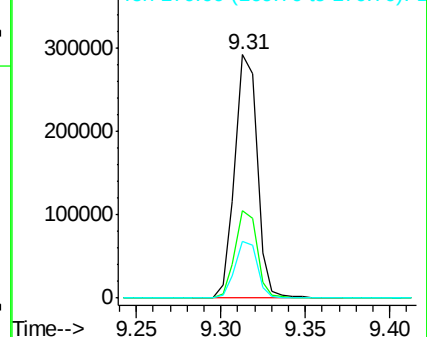
170 23.4 19.6 29.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-01

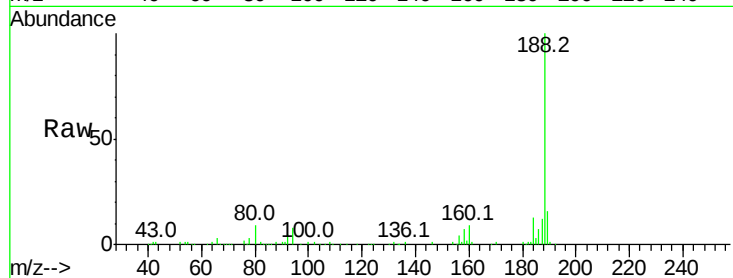
Tot Ion:188 Resp: 128990

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

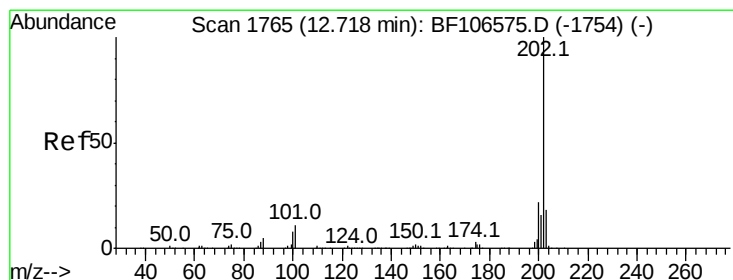
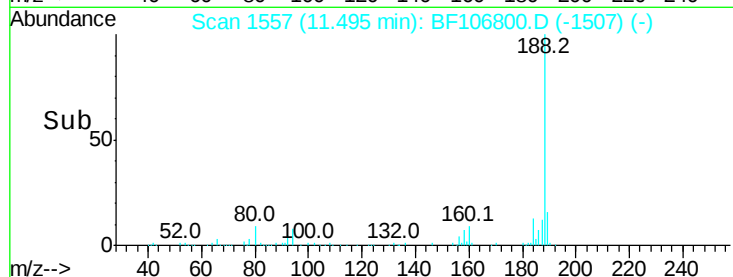
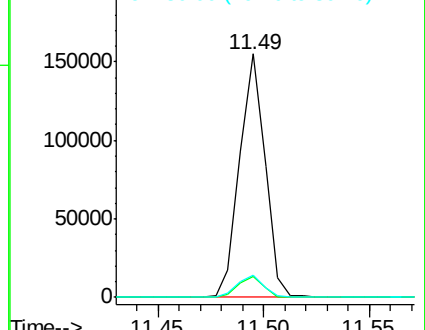
80 9.0 9.2 13.8#



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



#74

Fluoranthene

Concen: 2.234 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

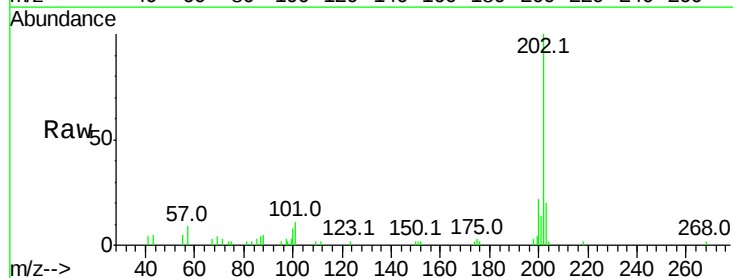
Tgt Ion:202 Resp: 15316

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

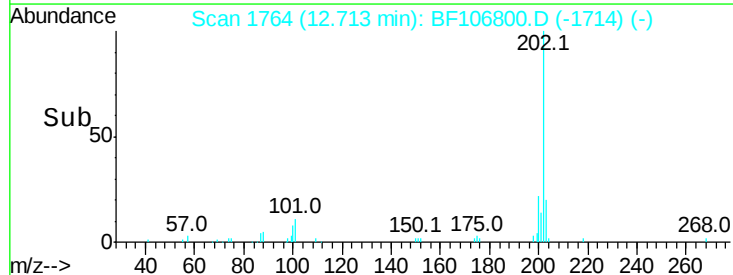
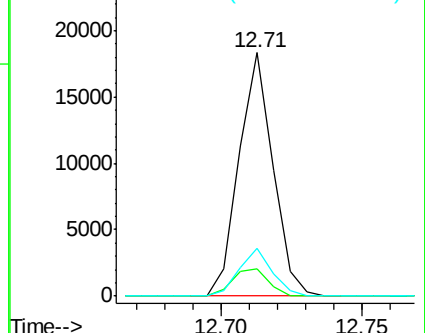
203 19.6 0.0 38.1

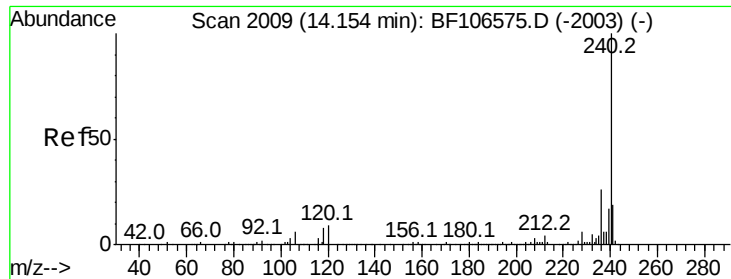


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

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DPC-81753-FB-01

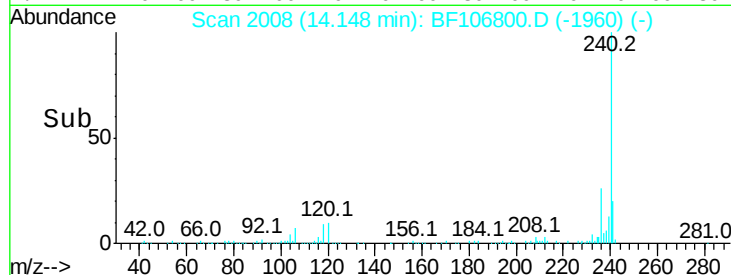
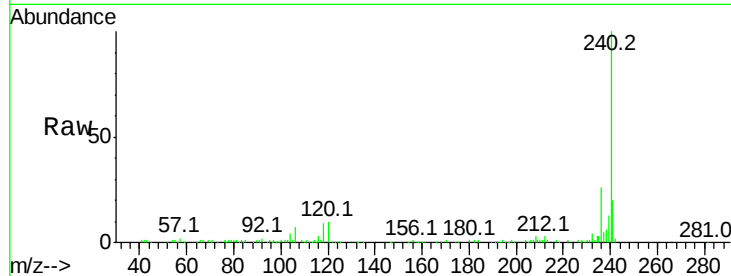
Tot Ion:240 Resp: 127534

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

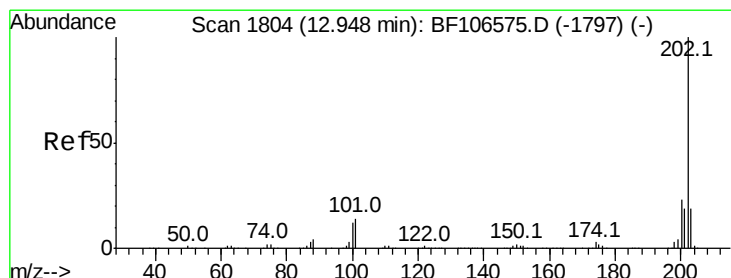
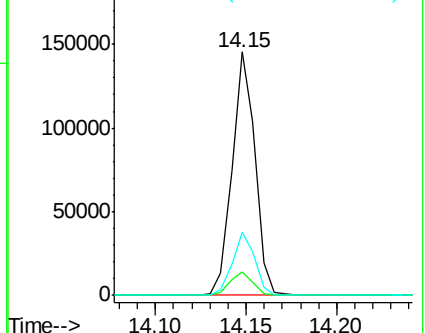
236 26.1 20.7 31.1



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



#77

Pyrene

Concen: 2.106 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

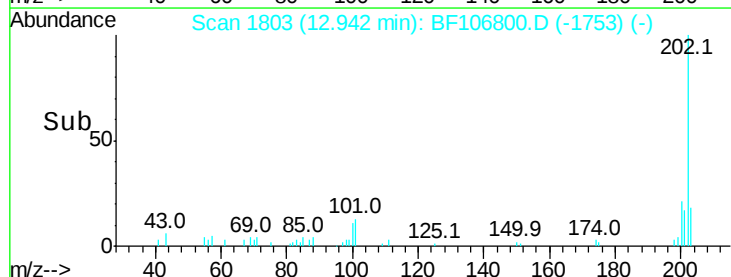
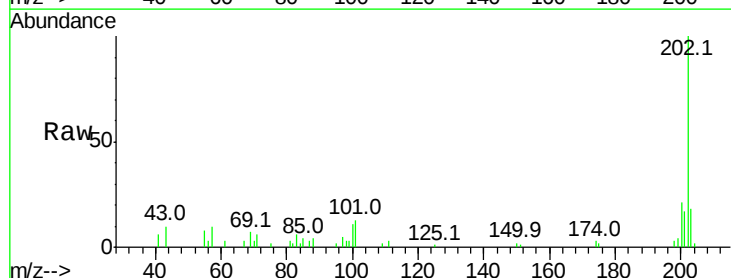
Tgt Ion:202 Resp: 17709

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

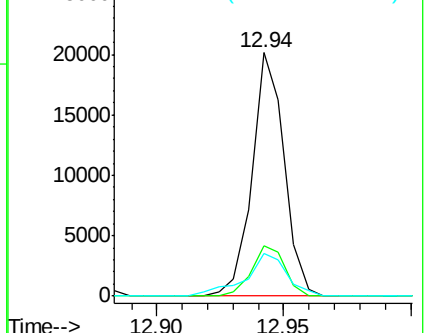
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

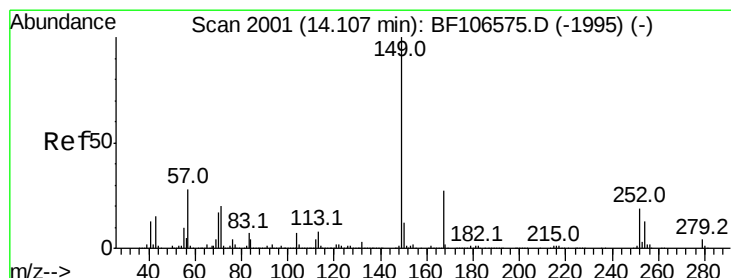
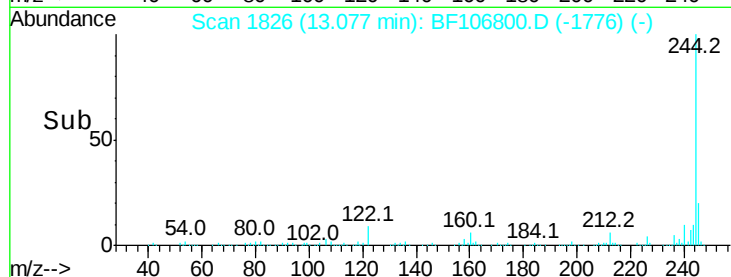
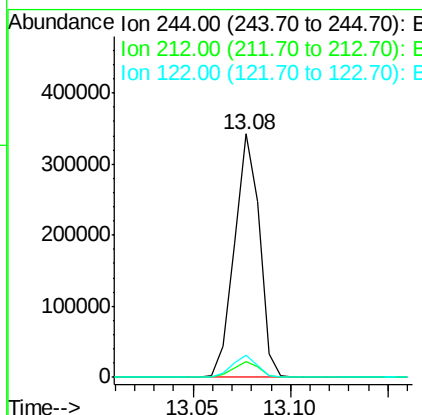
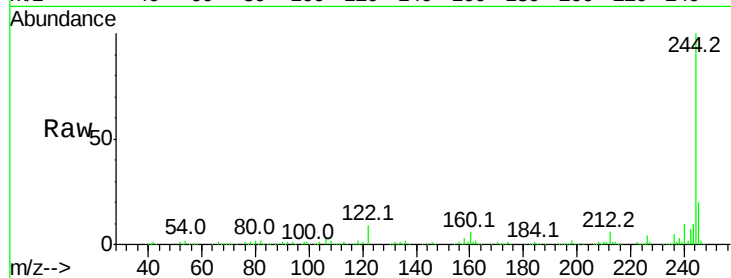




#78
 Terphenyl-d14
 Concen: 57.674 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

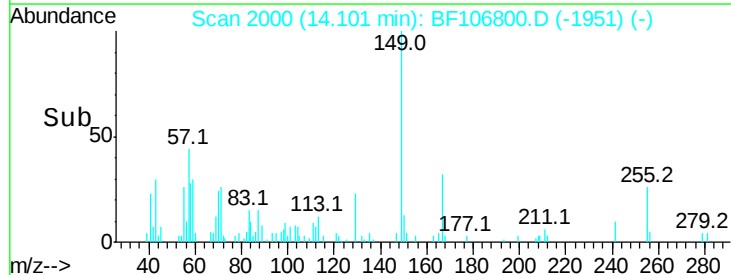
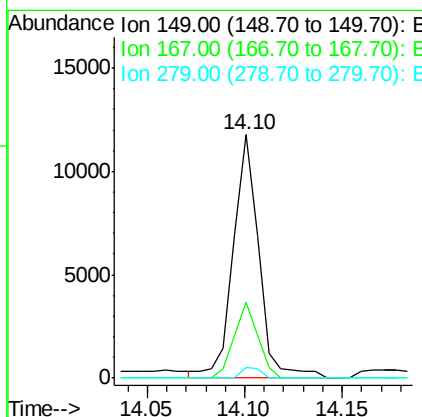
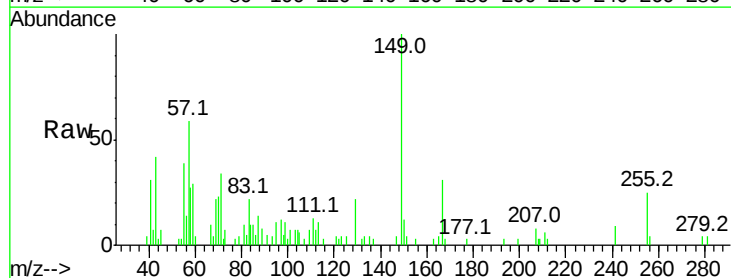
Instrument :
 BNA_F
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 DPC-81753-FB-01

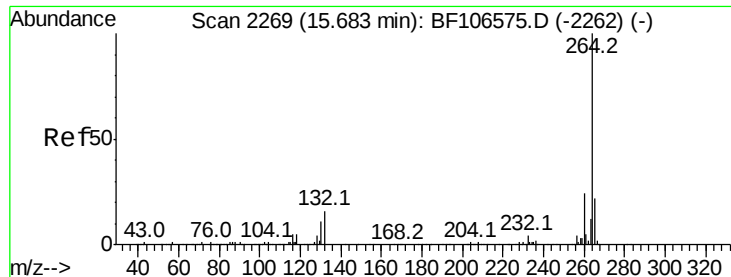
Tot Ion:244 Resp: 303652
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.3 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.439 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

Tgt Ion:149 Resp: 10780
 Ion Ratio Lower Upper
 149 100
 167 31.3 21.3 31.9
 279 4.2 3.0 4.4

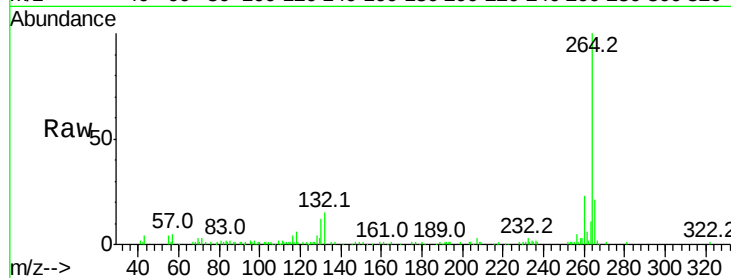




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	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

