

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089100.D
 Acq On : 19 Jul 2016 00:11
 Operator : UM/SJ
 Sample : H4045-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H10-B4(0-6)C

Quant Time: Jul 19 05:13:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

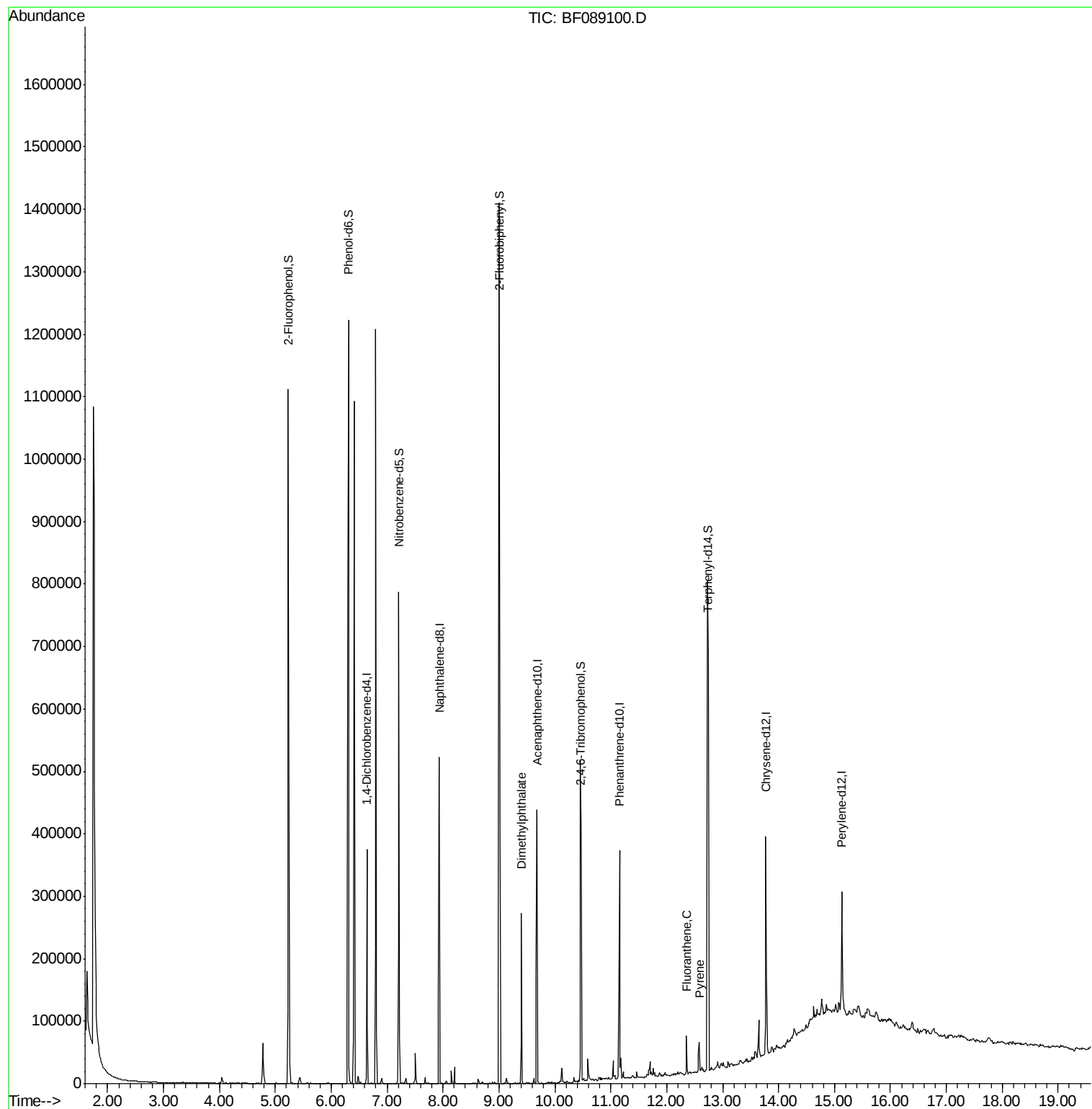
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	52691	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	227609	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	90065	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	143214	20.00	ng	0.00
75) Chrysene-d12	13.77	240	102605	20.00	ng	0.00
86) Perylene-d12	15.13	264	81835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	354066	100.71	ng	0.01
7) Phenol-d6	6.31	99	538600	118.56	ng	0.01
23) Nitrobenzene-d5	7.21	82	262962	60.54	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	73788	88.23	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	448654	78.69	ng	0.00
78) Terphenyl-d14	12.74	244	325720	70.71	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	105921	16.51	ng	99
74) Fluoranthene	12.35	202	20927	2.64	ng	99
77) Pyrene	12.58	202	20515	2.36	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089100.D

Acq: 19 Jul 2016 00:11

Instrument :

BNA_F

ClientSampleId :

H10-B4(0-6)C

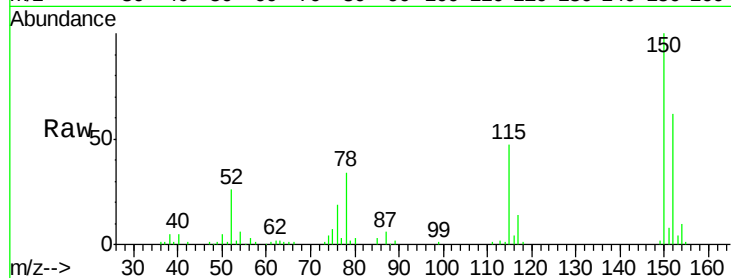
Tot Ion:152 Resp: 52691

Ion Ratio Lower Upper

152 100

150 161.8 123.8 185.6

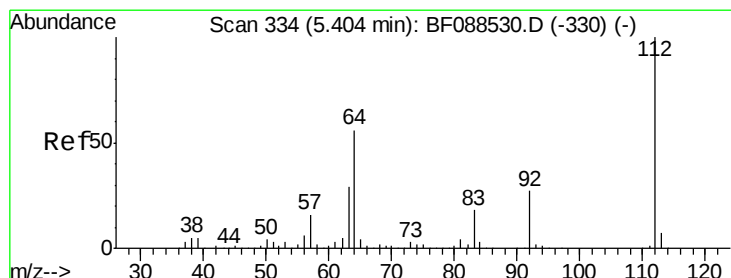
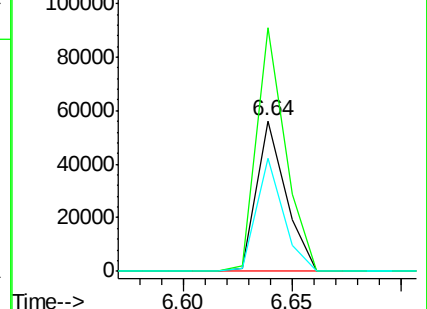
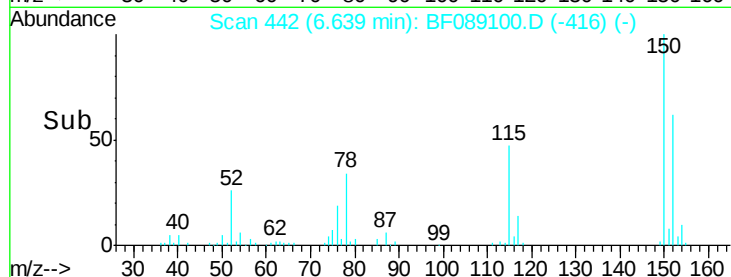
115 75.4 39.6 59.4#



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: 100.71 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089100.D

Acq: 19 Jul 2016 00:11

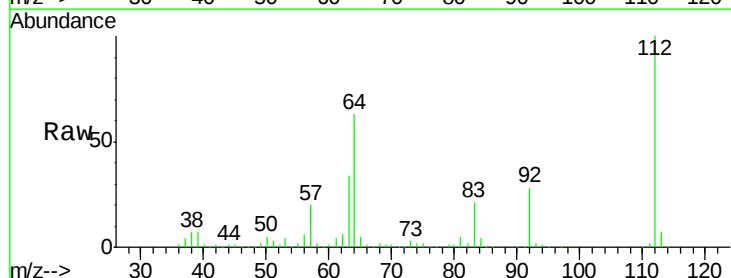
Tgt Ion:112 Resp: 354066

Ion Ratio Lower Upper

112 100

64 63.2 42.2 63.2

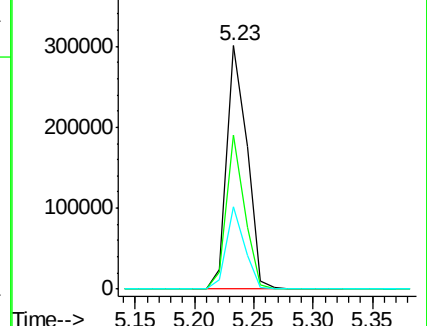
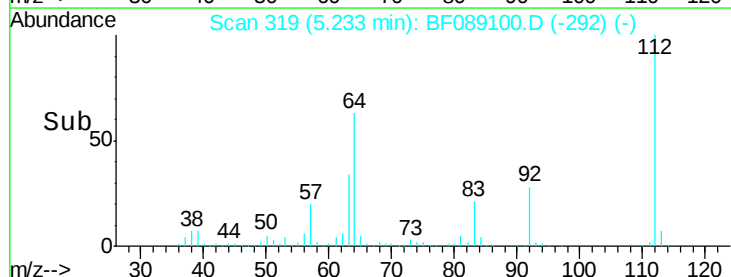
63 33.6 21.8 32.8#



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: 118.56 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089100.D

Acq: 19 Jul 2016 00:11

Instrument :

BNA_F

ClientSampleId :

H10-B4(0-6)C

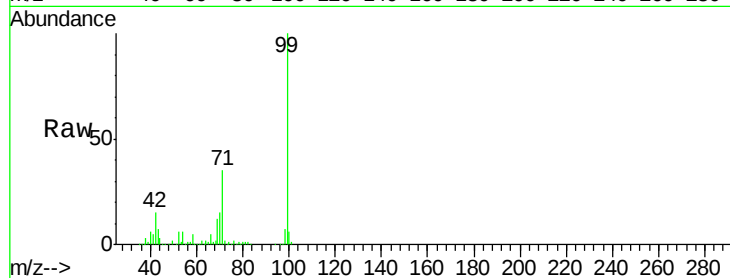
Tot Ion: 99 Resp: 538600

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

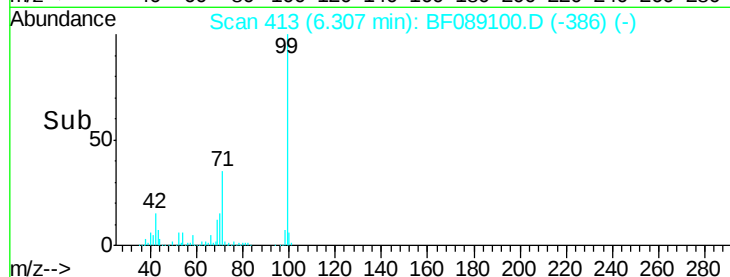
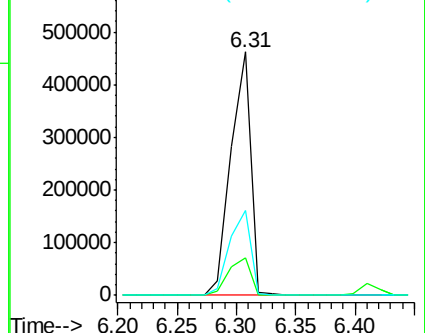
71 34.8 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089100.D

Acq: 19 Jul 2016 00:11

Tgt Ion: 136 Resp: 227609

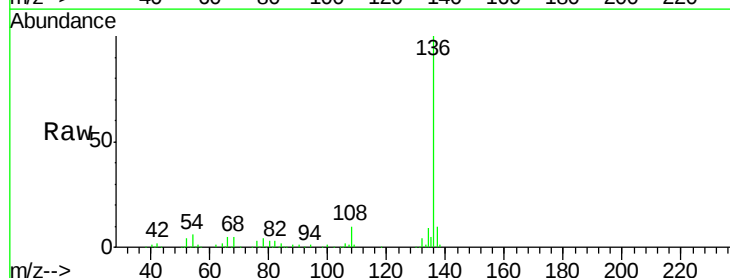
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 5.7 6.6 10.0#

68 4.7 5.1 7.7#

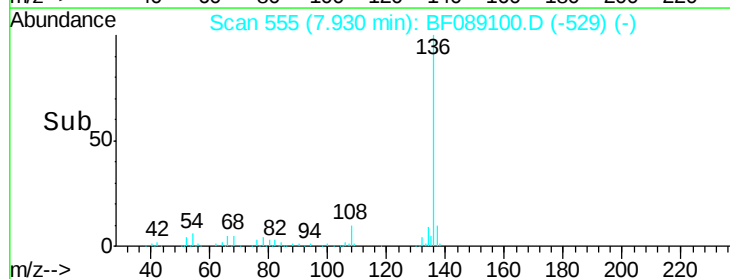
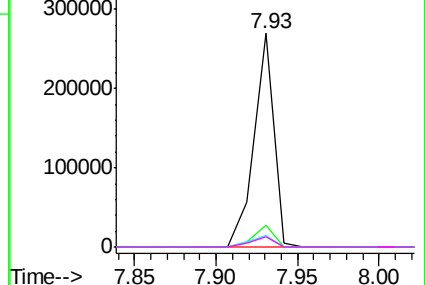


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

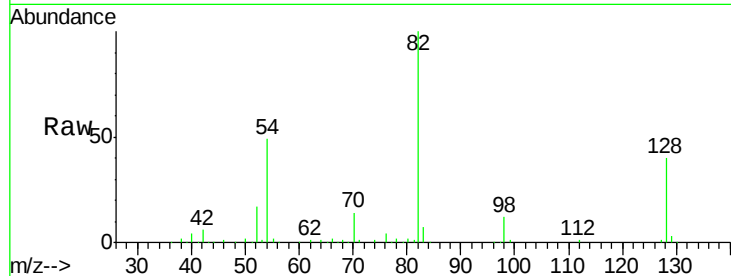




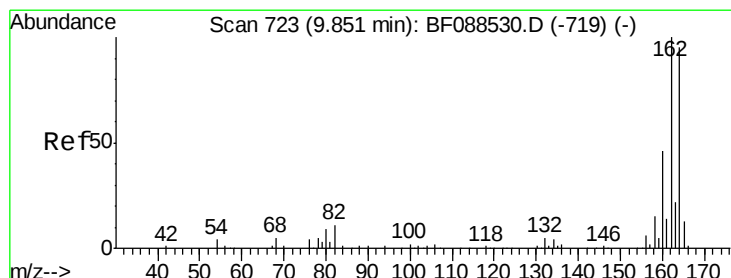
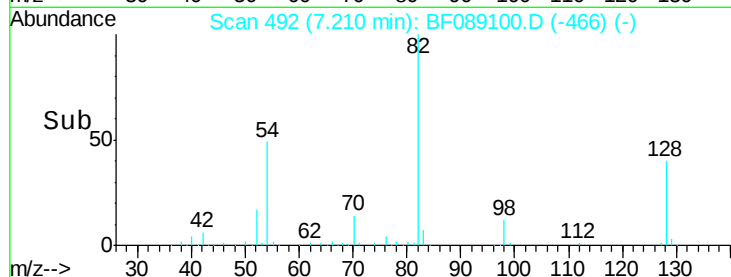
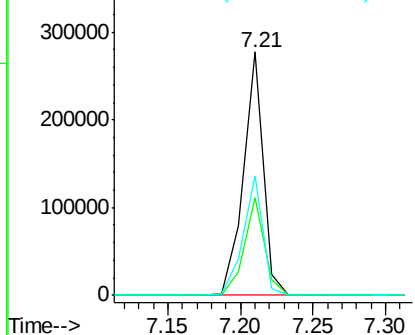
#23
 Nitrobenzene-d5
 Concen: 60.54 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089100.D
 Acq: 19 Jul 2016 00:11

Instrument :
 BNA_F
 ClientSampleId :
 H10-B4(0-6)C

Tot Ion	82	Resp	262962
Ion Ratio	100	Lower	Upper
128	39.9	35.9	53.9
54	49.1	40.9	61.3

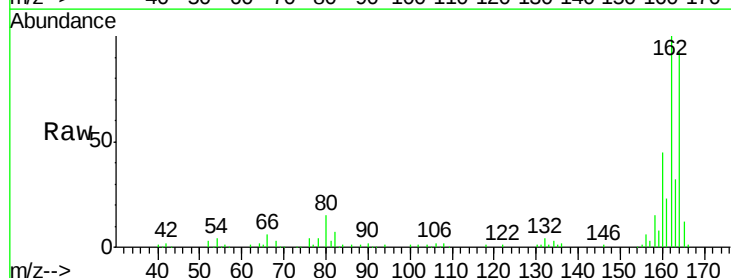


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

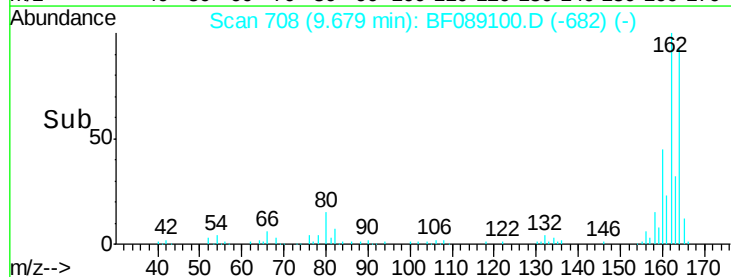
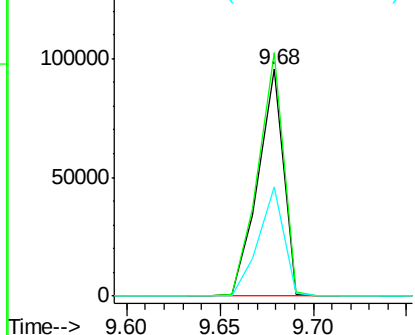


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF089100.D
 Acq: 19 Jul 2016 00:11

Tgt Ion	164	Resp	90065
Ion Ratio	100	Lower	Upper
162	107.3	85.4	128.2
160	48.2	39.5	59.3



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

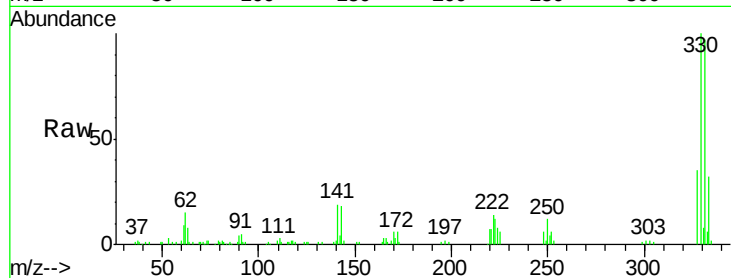




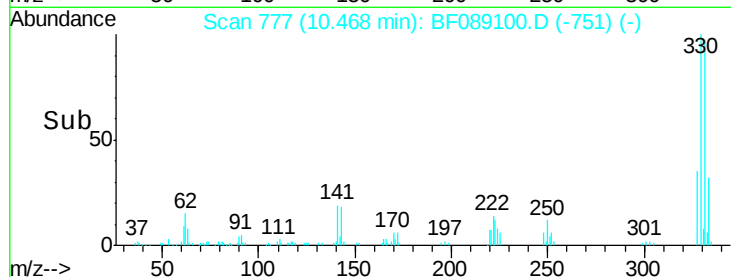
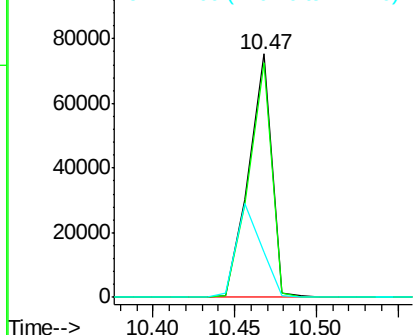
#41
 2,4,6-Tribromophenol
 Concen: 88.23 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF089100.D
 Acq: 19 Jul 2016 00:11

Instrument :
 BNA_F
 ClientSampleId :
 H10-B4(0-6)C

Tot Ion:330 Resp: 73788
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 41.9 0.0 0.0#

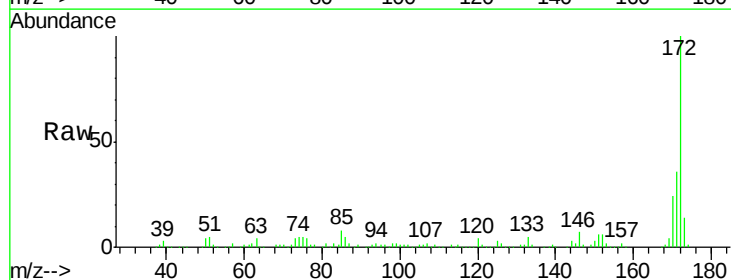


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

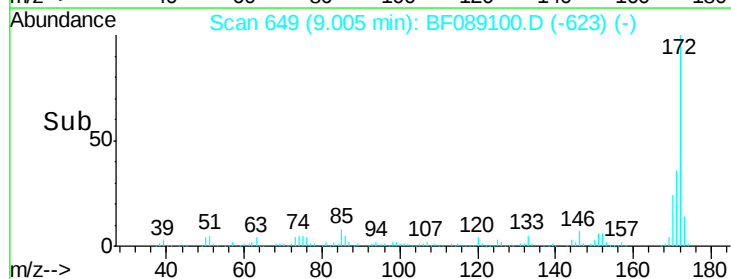
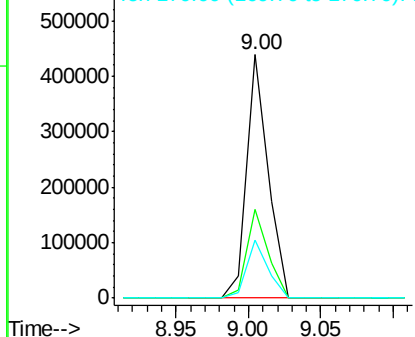


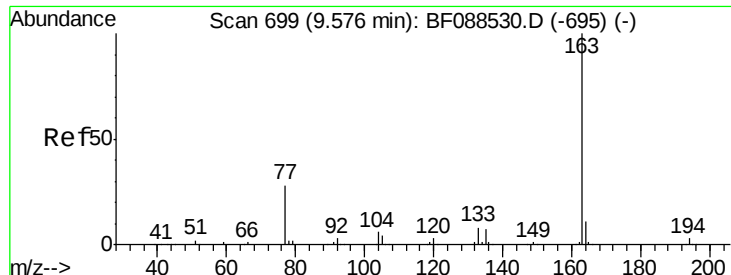
#44
 2-Fluorobiphenyl
 Concen: 78.69 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089100.D
 Acq: 19 Jul 2016 00:11

Tgt Ion:172 Resp: 448654
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.9 19.2 28.8



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

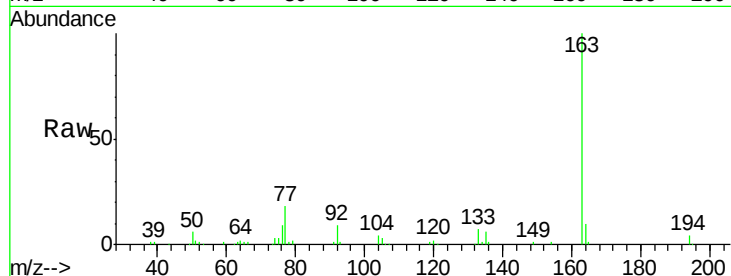




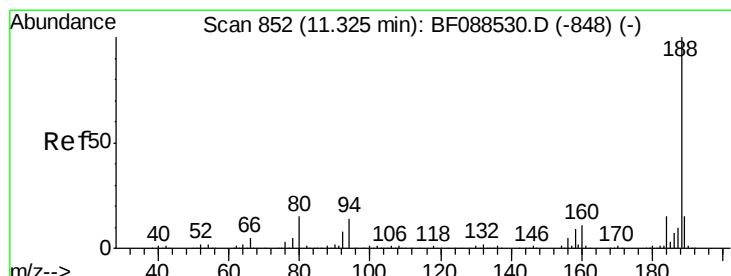
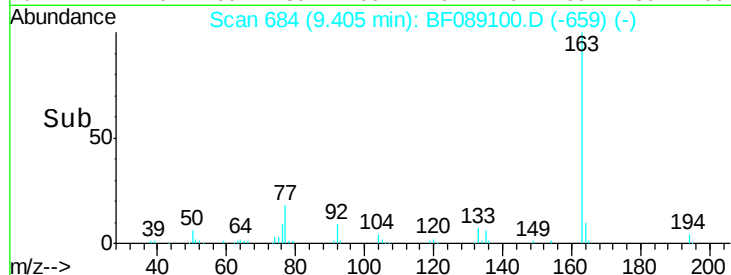
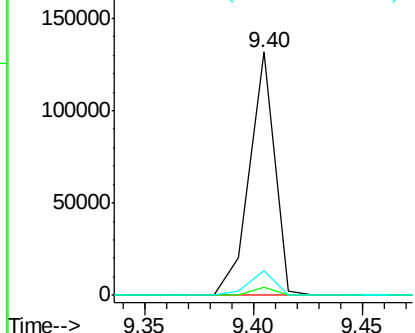
#49
Dimethylphthalate
Concen: 16.51 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tot Ion:163 Resp: 105921
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 8.3 12.5

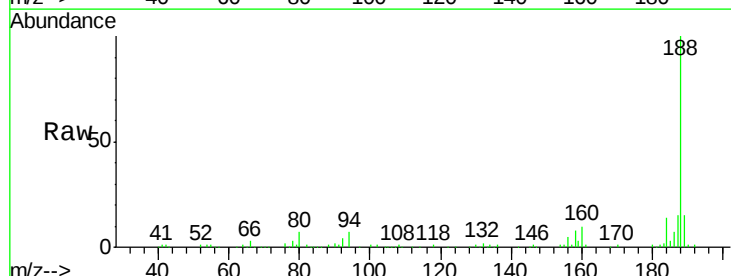


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

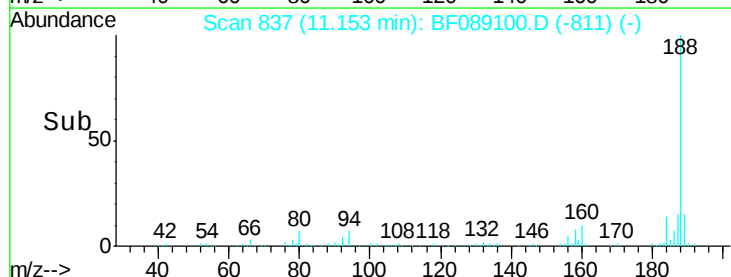
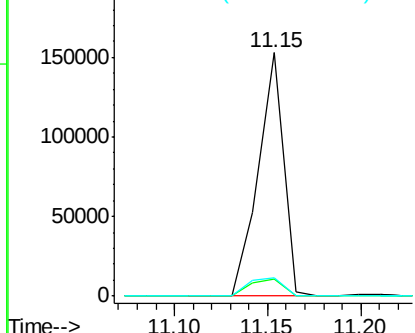


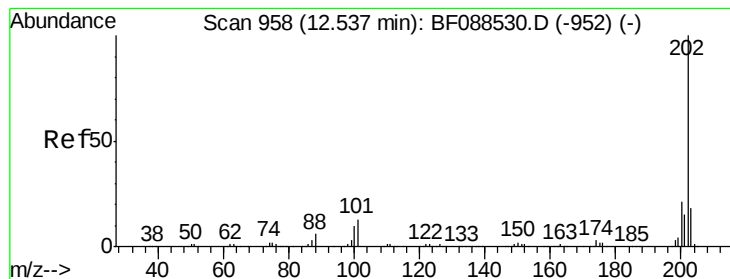
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:188 Resp: 143214
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.6#
80 7.5 10.0 15.0#



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





#74

Fluoranthene

Concen: 2.64 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF089100.D

Acq: 19 Jul 2016 00:11

Instrument :

BNA_F

ClientSampleId :

H10-B4(0-6)C

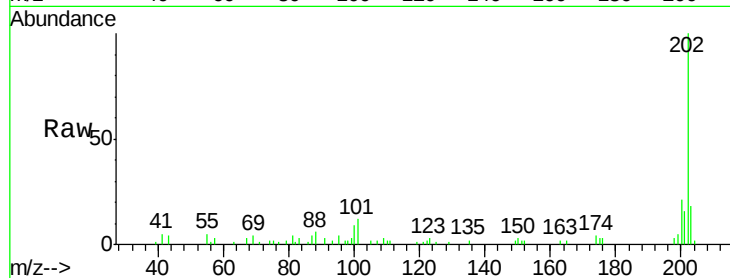
Tot Ion:202 Resp: 20927

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.1

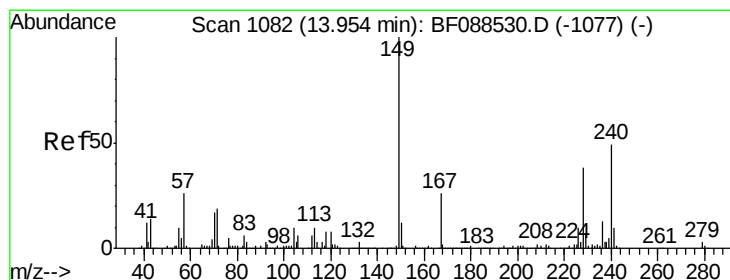
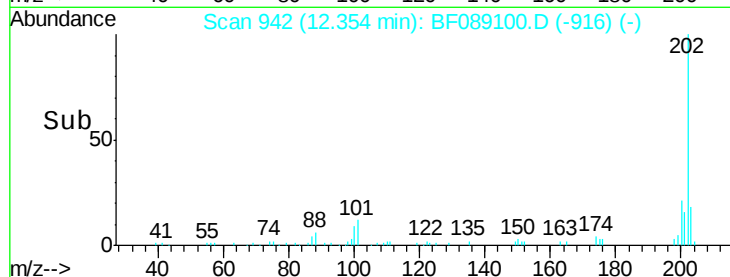
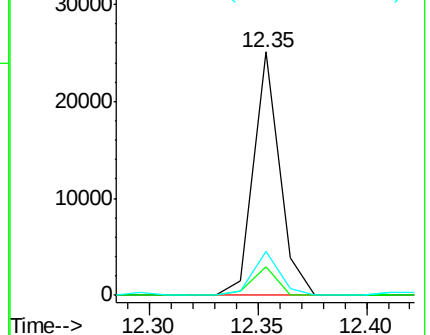
203 18.1 0.0 38.1



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: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF089100.D

Acq: 19 Jul 2016 00:11

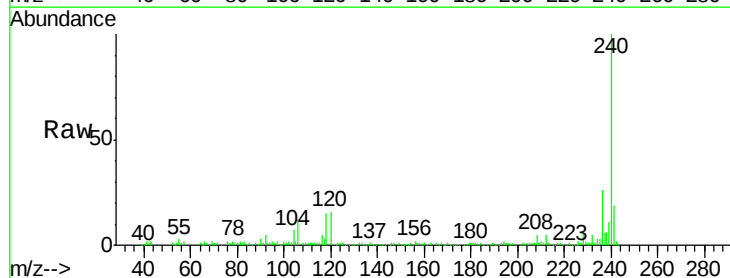
Tgt Ion:240 Resp: 102605

Ion Ratio Lower Upper

240 100

120 15.9 6.8 10.2#

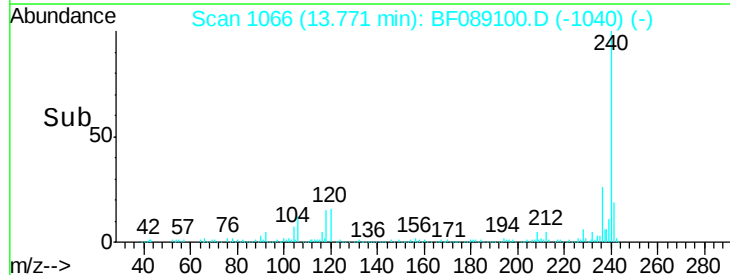
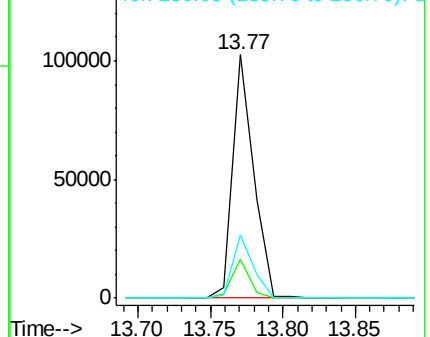
236 25.9 20.2 30.2

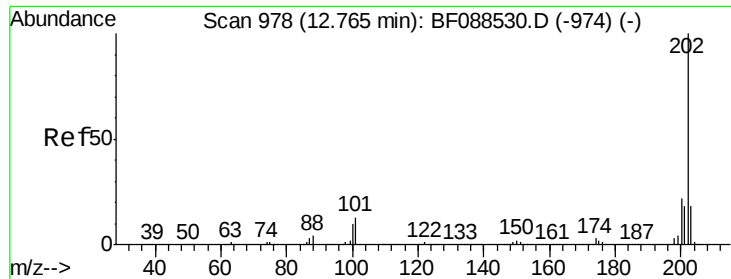


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.36 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089100.D

Acq: 19 Jul 2016 00:11

Instrument :

BNA_F

ClientSampleId :

H10-B4(0-6)C

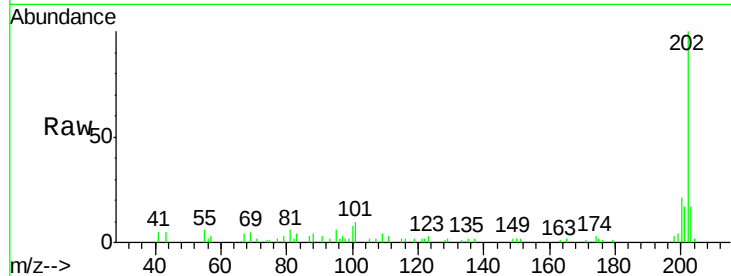
Tot Ion:202 Resp: 20515

Ion Ratio Lower Upper

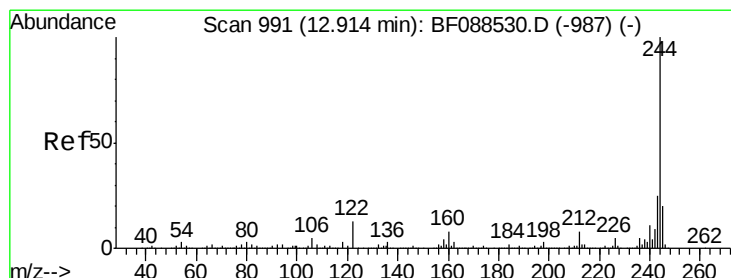
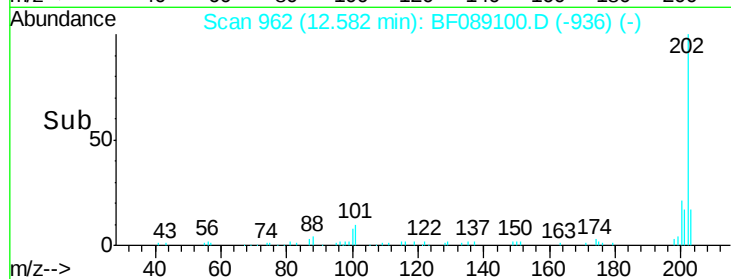
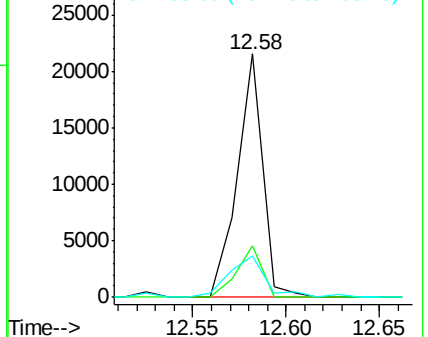
202 100

200 21.1 17.4 26.2

203 17.0 14.5 21.7



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: 70.71 ng

RT: 12.74 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF089100.D

Acq: 19 Jul 2016 00:11

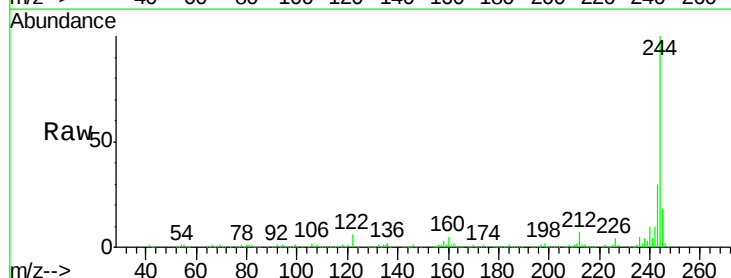
Tgt Ion:244 Resp: 325720

Ion Ratio Lower Upper

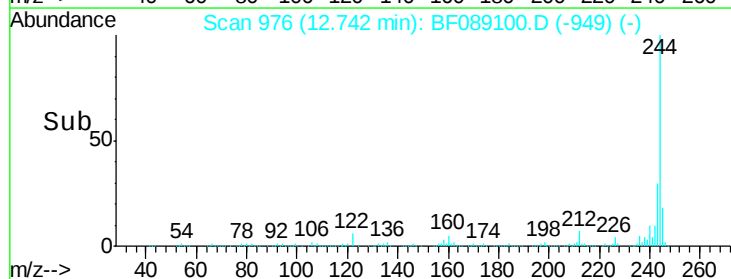
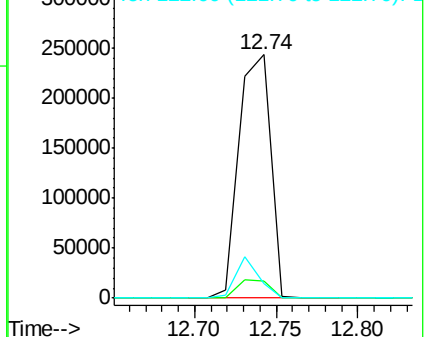
244 100

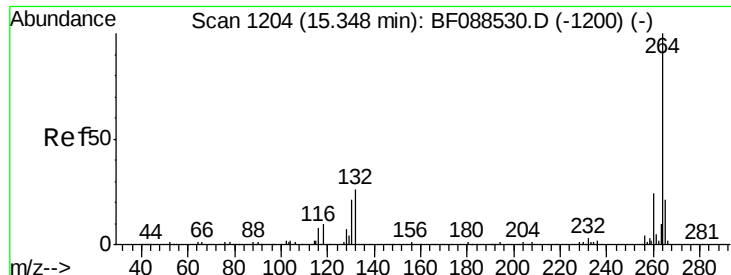
212 6.8 6.0 9.0

122 5.8 11.2 16.8#



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

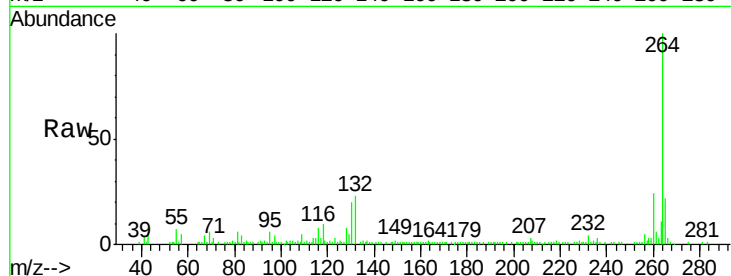




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF089100.D
 Acq: 19 Jul 2016 00:11

Instrument :
 BNA_F
 ClientSampleId :
 H10-B4(0-6)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3



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

