

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080914.D
 Acq On : 7 Aug 2015 5:14
 Operator : TP/UM
 Sample : G3183-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9828

Quant Time: Aug 07 06:06:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

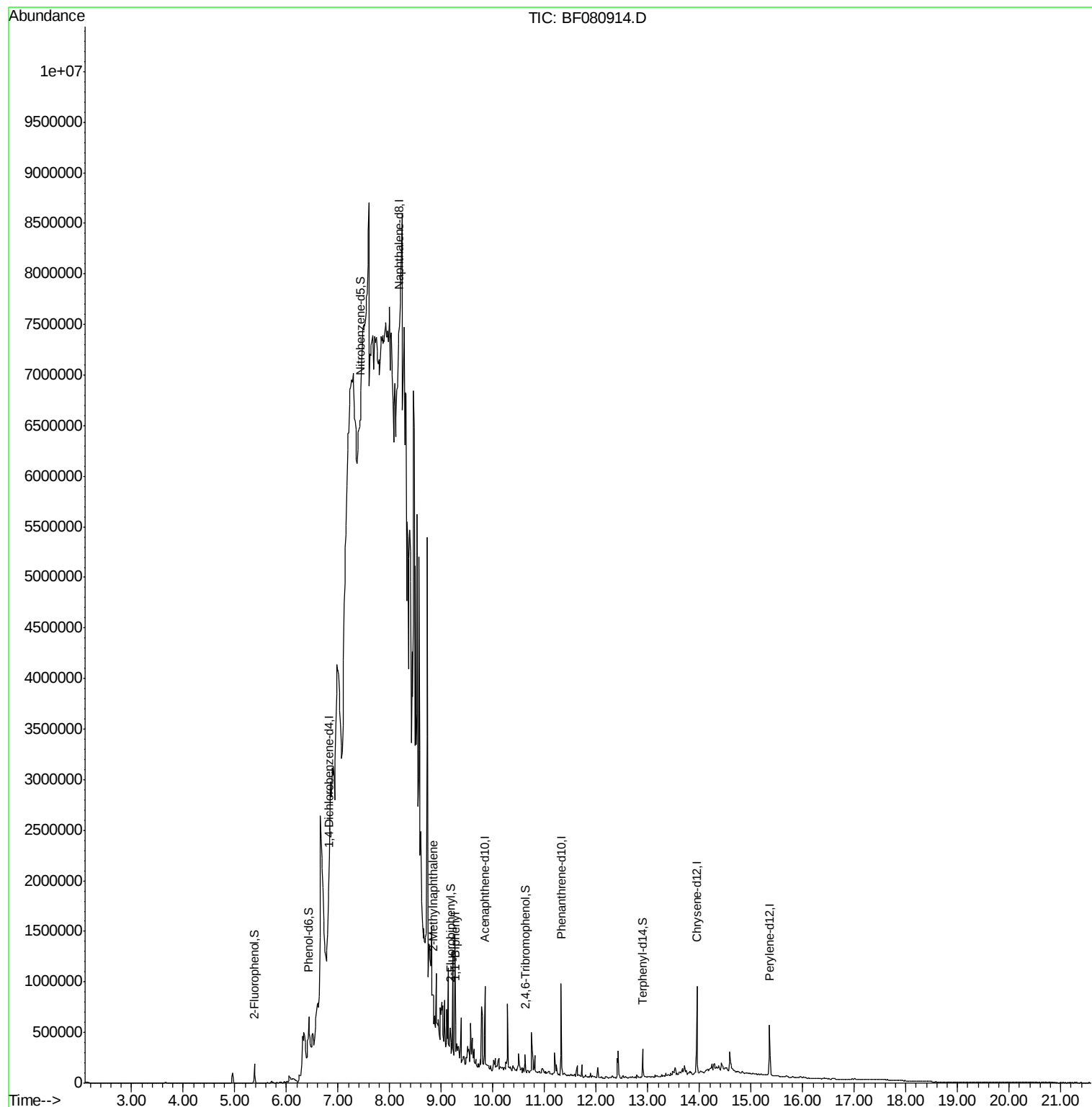
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67619	20.00	ng	0.01
21) Naphthalene-d8	8.18	136	152968	20.00	ng	0.08
38) Acenaphthene-d10	9.85	164	153415	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	315646	20.00	ng	0.00
75) Chrysene-d12	13.95	240	278870	20.00	ng	-0.01
86) Perylene-d12	15.36	264	233906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	49323	11.63	ng	-0.01
7) Phenol-d6	6.43	99	73155	12.53	ng	-0.01
23) Nitrobenzene-d5	7.42	82	305707	94.15	ng	0.05
41) 2,4,6-Tribromophenol	10.62	330	14779	8.97	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	69661	6.47	ng	0.00
78) Terphenyl-d14	12.90	244	86793	6.56	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.84	142	41409	8.09	ng	99
45) 1,1'-Biphenyl	9.28	154	61733	4.76	ng	97

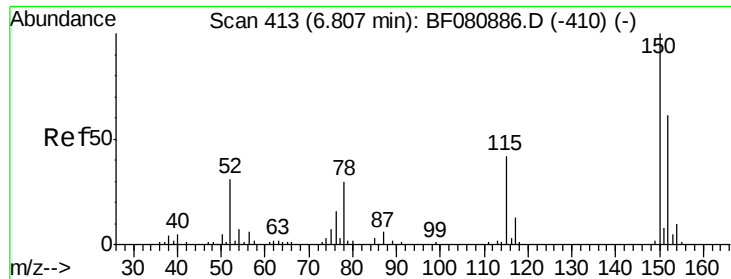
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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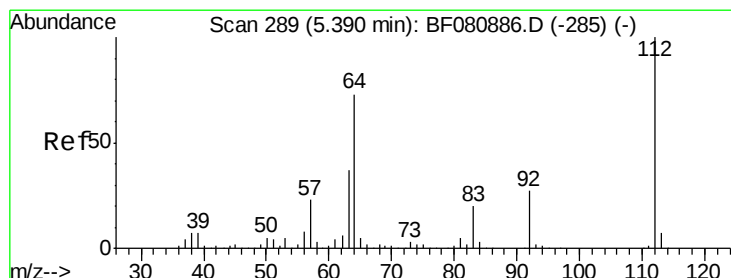
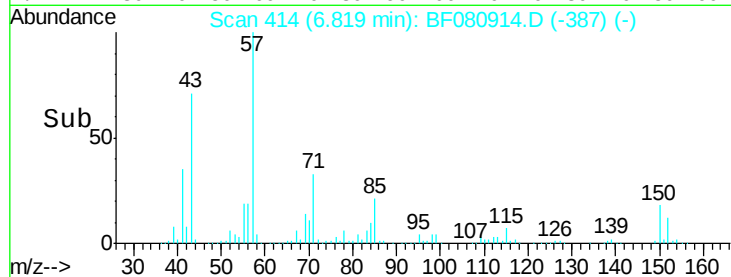
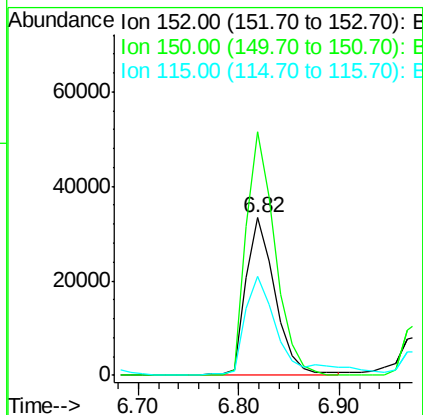
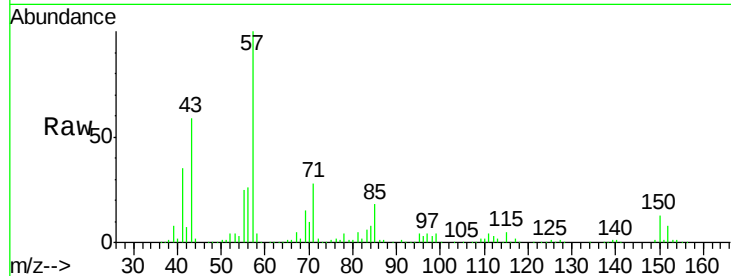


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.01 min
Lab File: BF080914.D
Acq: 7 Aug 2015 5:14

Instrument :
BNA_F
ClientSampleId :
LAR9828

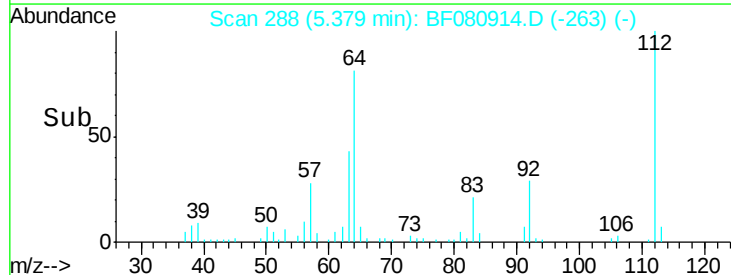
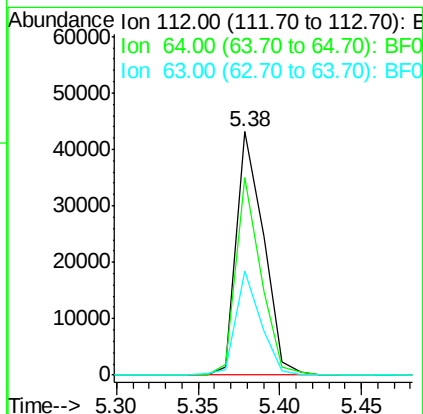
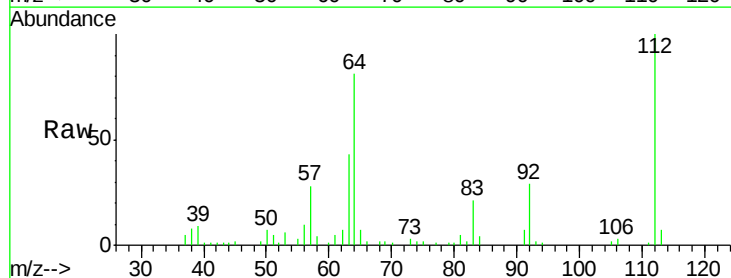
Tot Ion:152 Resp: 67619
Ion Ratio Lower Upper
152 100
150 154.5 132.2 198.2
115 62.8 54.9 82.3

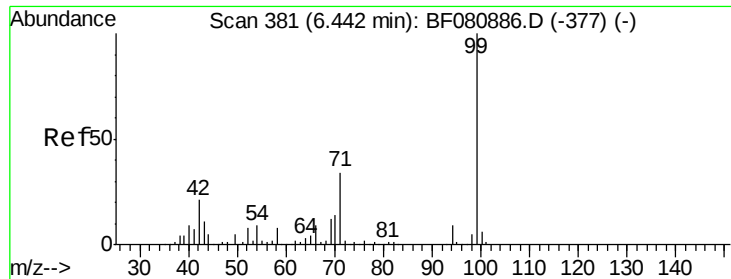


#5

2-Fluorophenol
Concen: 11.63 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF080914.D
Acq: 7 Aug 2015 5:14

Tgt Ion:112 Resp: 49323
Ion Ratio Lower Upper
112 100
64 81.1 58.0 87.0
63 42.6 29.8 44.8





#7

Phenol-d6

Concen: 12.53 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080914.D

Acq: 7 Aug 2015 5:14

Instrument :

BNA_F

ClientSampleId :

LAR9828

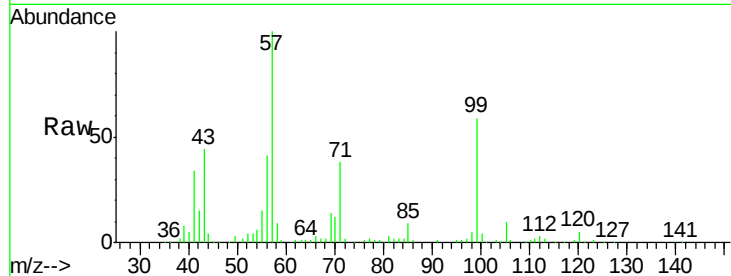
Tot Ion: 99 Resp: 73155

Ion Ratio Lower Upper

99 100

42 25.5 16.8 25.2#

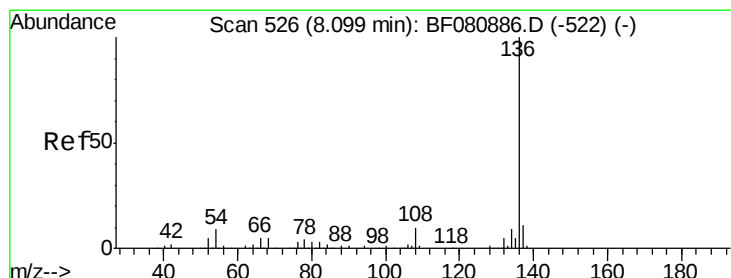
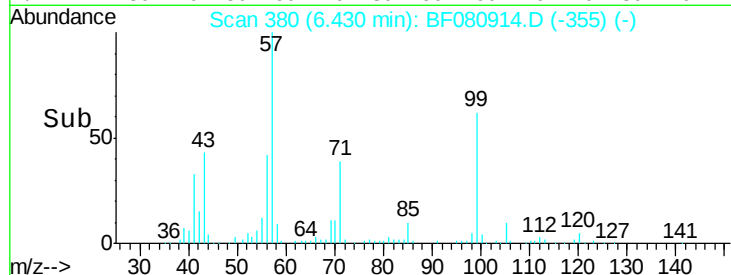
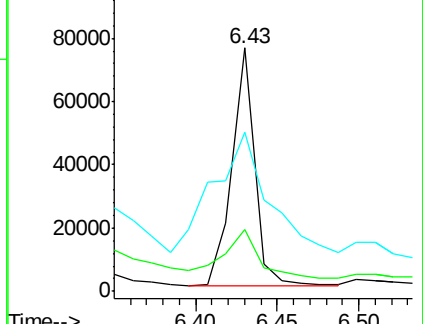
71 65.4 27.4 41.0#



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: 8.18 min Scan# 533

Delta R.T. 0.08 min

Lab File: BF080914.D

Acq: 7 Aug 2015 5:14

Tgt Ion: 136 Resp: 152968

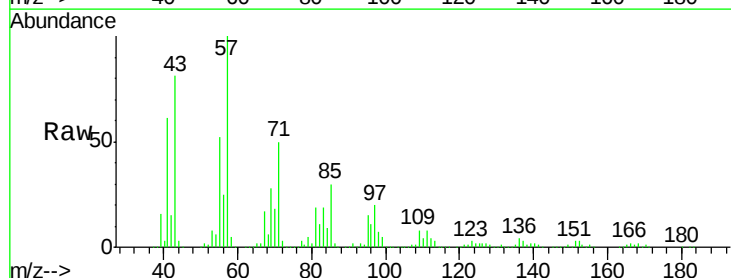
Ion Ratio Lower Upper

136 100

137 60.8 8.6 12.8#

54 136.9 7.5 11.3#

68 132.2 4.2 6.2#

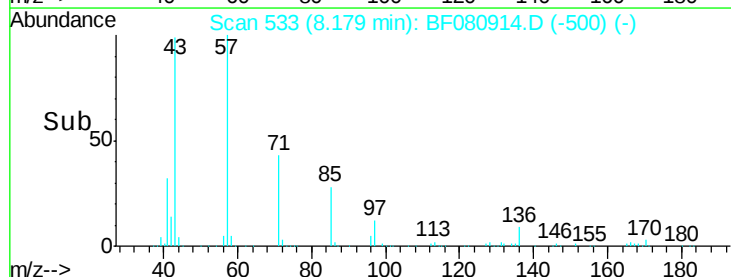
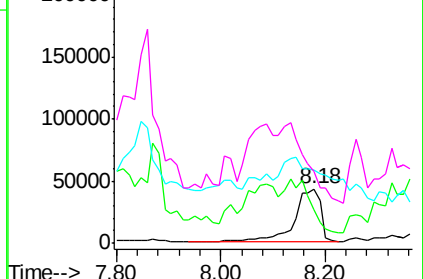


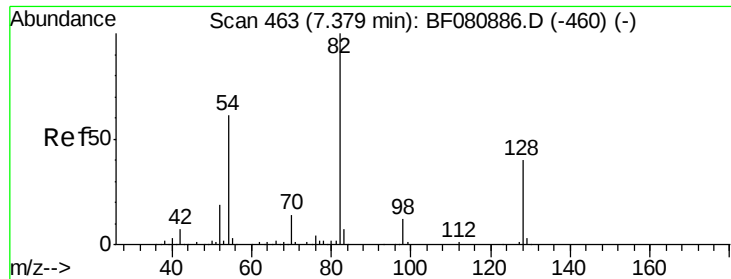
Abundance Ion 136.00 (135.70 to 136.70): E

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

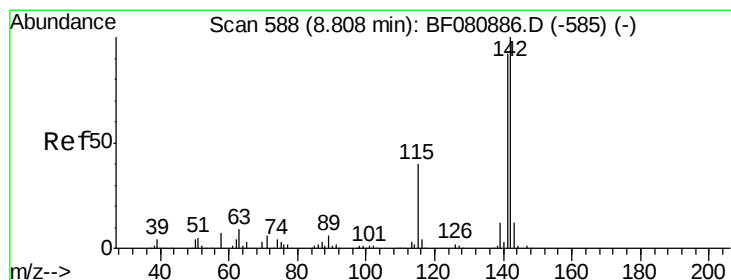
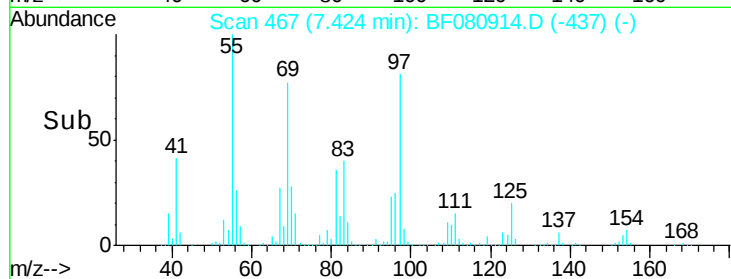
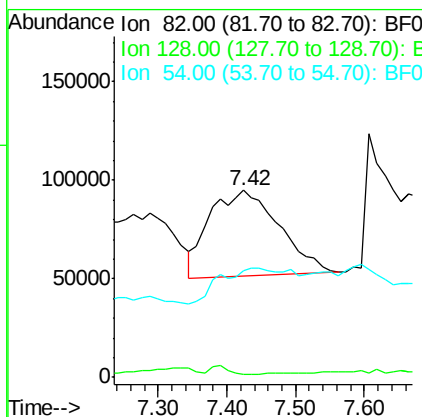
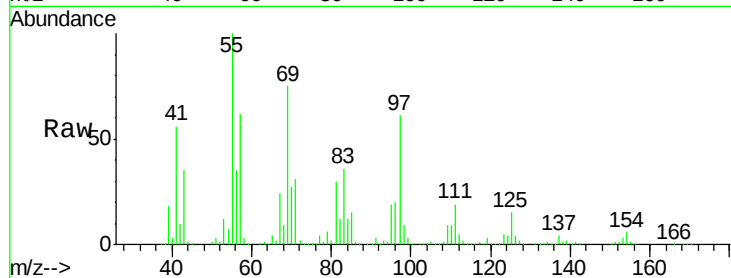




#23
 Nitrobenzene-d5
 Concen: 94.15 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.05 min
 Lab File: BF080914.D
 Acq: 7 Aug 2015 5:14

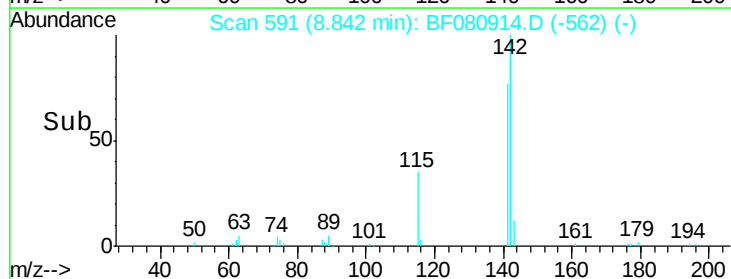
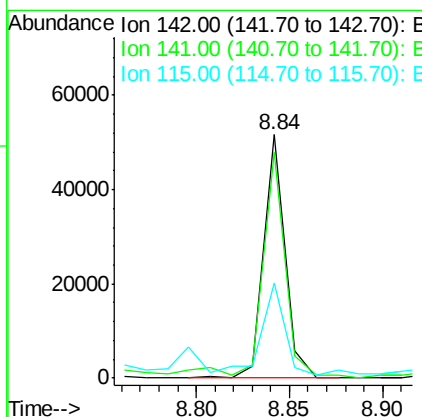
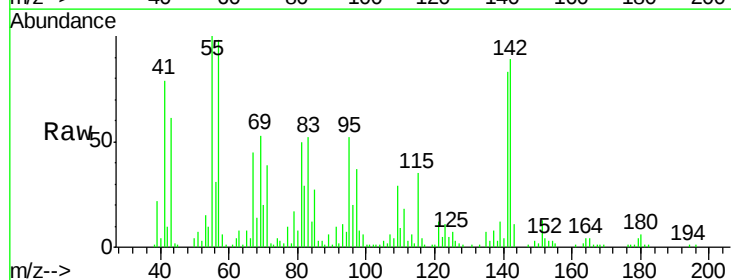
Instrument :
 BNA_F
 ClientSampleId :
 LAR9828

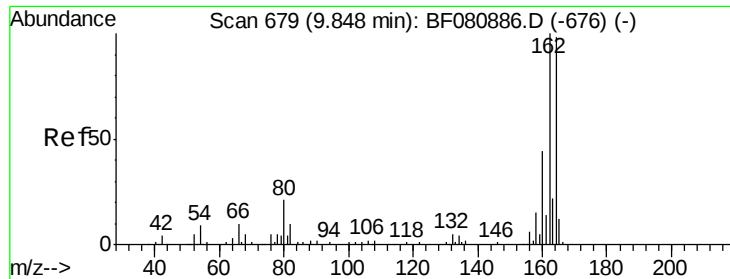
Tot Ion	82	Resp	305707
Ion Ratio	Lower	Upper	
82	100		
128	1.5	31.8	47.6#
54	57.0	48.6	72.8



#37
 2-Methylnaphthalene
 Concen: 8.09 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.03 min
 Lab File: BF080914.D
 Acq: 7 Aug 2015 5:14

Tgt Ion	142	Resp	41409
Ion Ratio	Lower	Upper	
142	100		
141	92.9	73.5	110.3
115	38.9	32.1	48.1

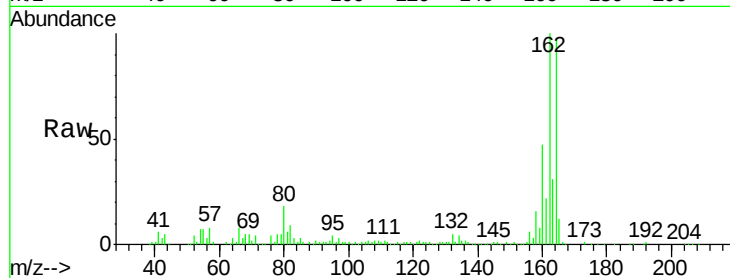




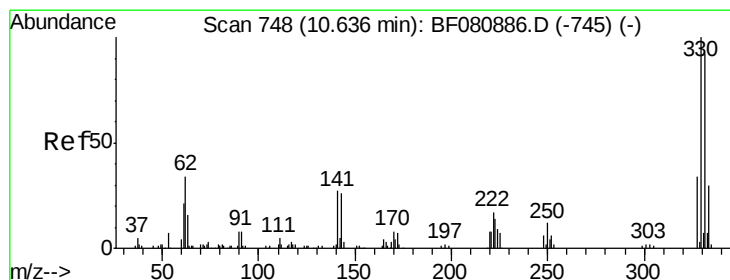
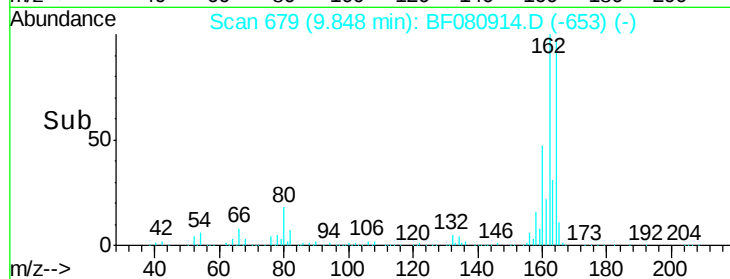
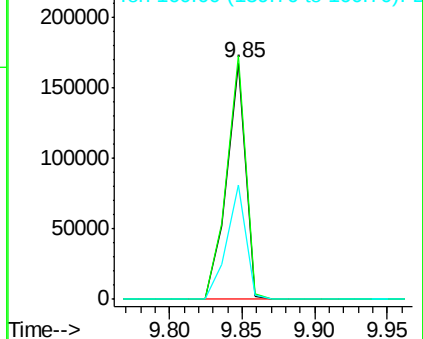
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080914.D
Acq: 7 Aug 2015 5:14

Instrument :
BNA_F
ClientSampleId :
LAR9828

Tot Ion:164 Resp: 153415
Ion Ratio Lower Upper
164 100
162 102.9 81.5 122.3
160 48.2 35.9 53.9

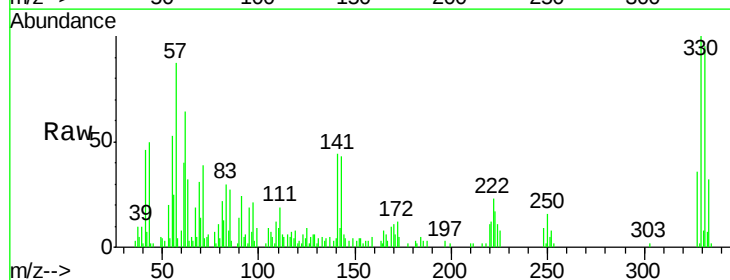


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

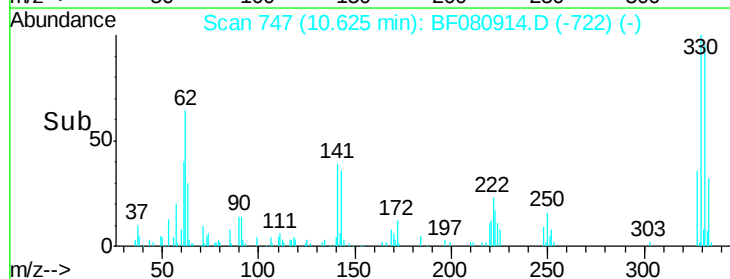
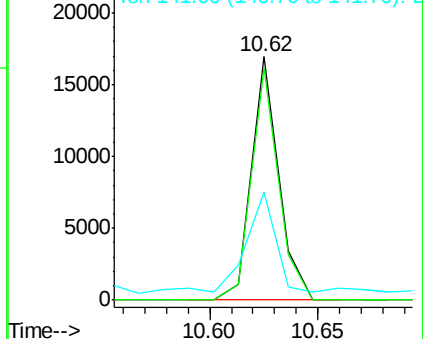


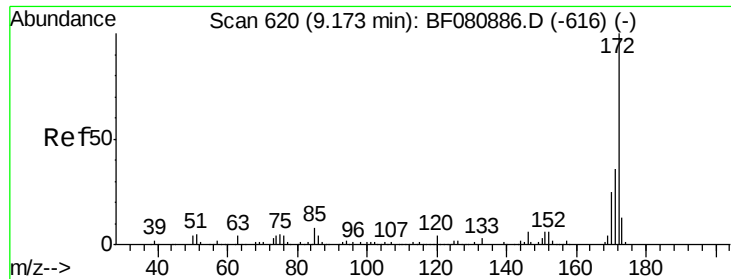
#41
2,4,6-Tribromophenol
Concen: 8.97 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF080914.D
Acq: 7 Aug 2015 5:14

Tgt Ion:330 Resp: 14779
Ion Ratio Lower Upper
330 100
332 94.9 74.1 111.1
141 43.5 30.1 45.1



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

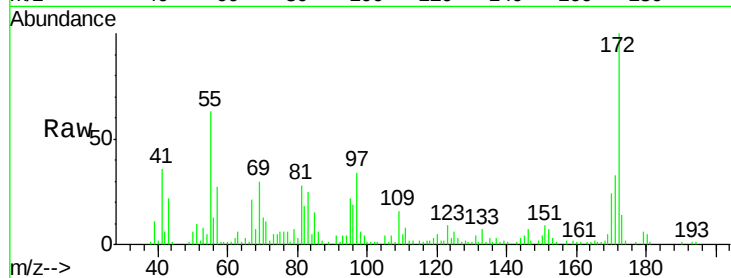




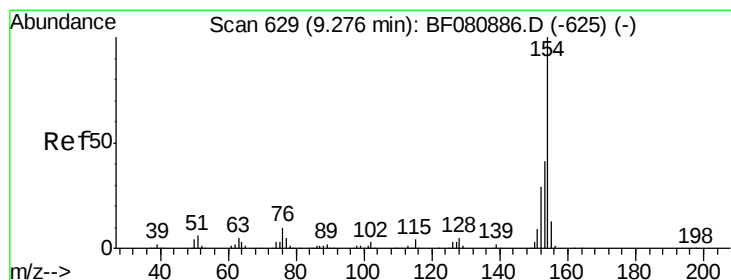
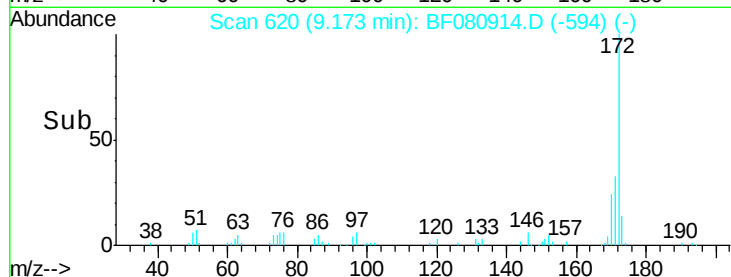
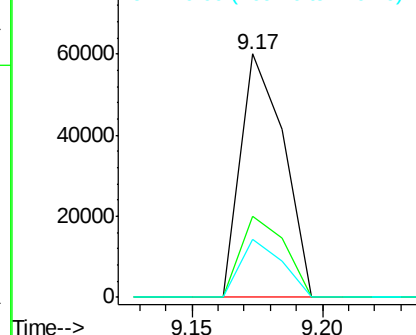
#44
2-Fluorobiphenyl
Concen: 6.47 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080914.D
Acq: 7 Aug 2015 5:14

Instrument :
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ClientSampleId :
LAR9828

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.0	43.4
170	23.8	19.9	29.9

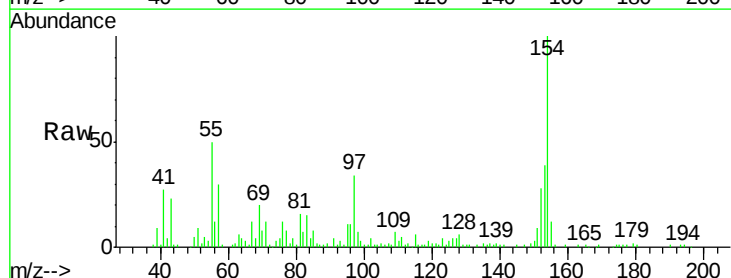


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

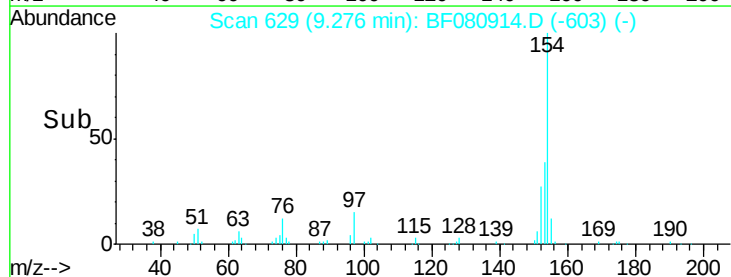
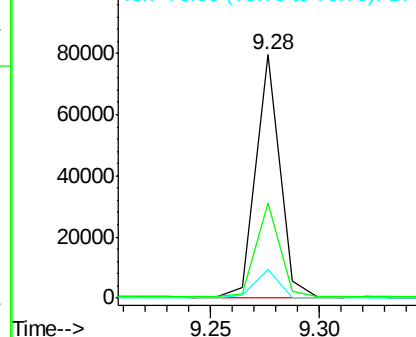


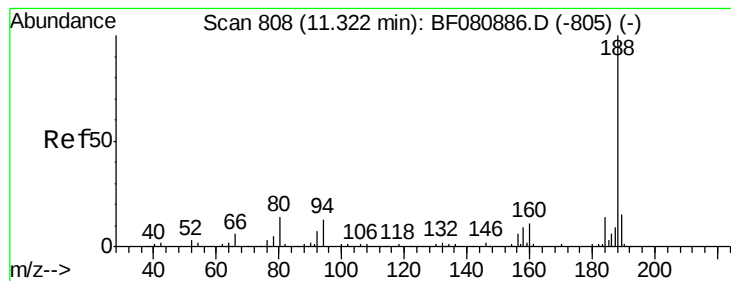
#45
1,1'-Biphenyl
Concen: 4.76 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF080914.D
Acq: 7 Aug 2015 5:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.8	60.8
76	11.8	0.0	30.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF080914.D

Acq: 7 Aug 2015 5:14

Instrument :

BNA_F

ClientSampleId :

LAR9828

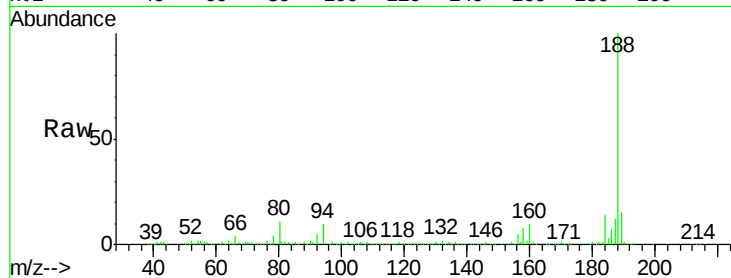
Tot Ion:188 Resp: 315646

Ion Ratio Lower Upper

188 100

94 10.0 10.2 15.2#

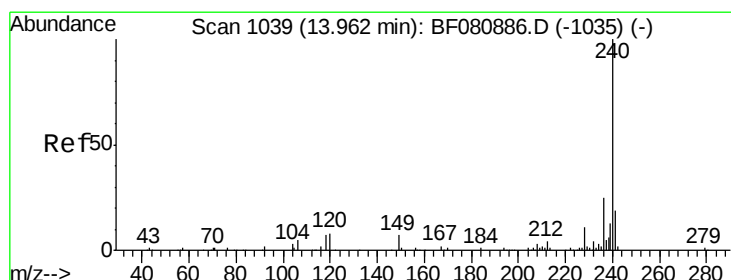
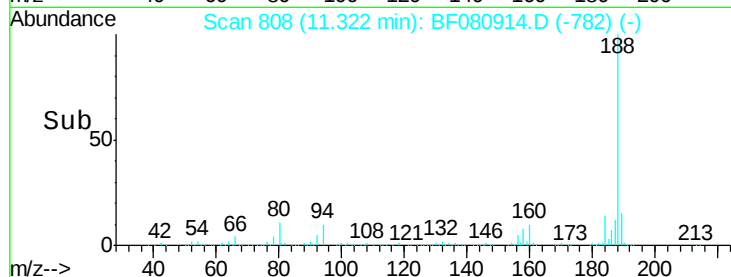
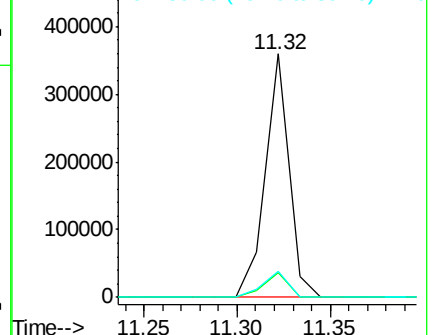
80 10.8 11.4 17.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080914.D

Acq: 7 Aug 2015 5:14

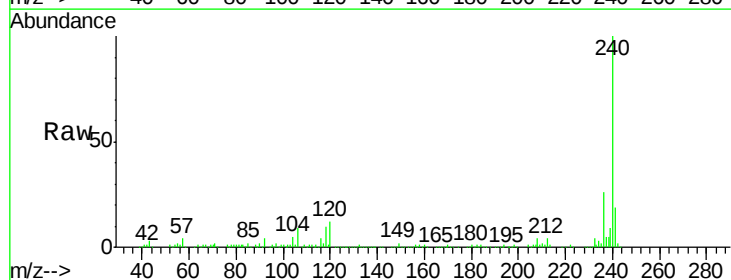
Tgt Ion:240 Resp: 278870

Ion Ratio Lower Upper

240 100

120 11.6 6.4 9.6#

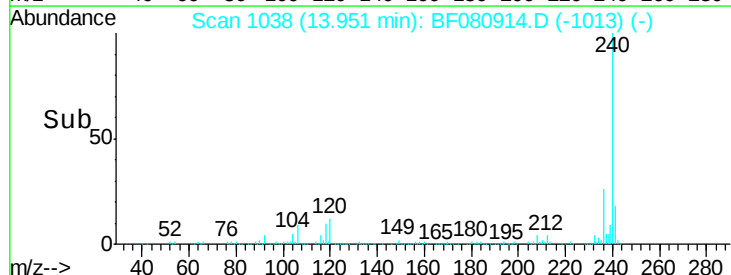
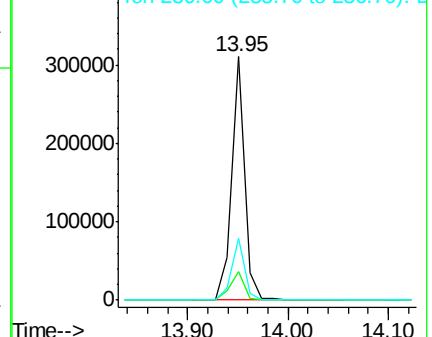
236 25.6 20.2 30.4

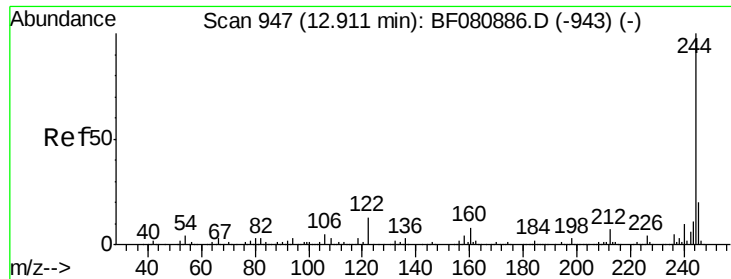


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

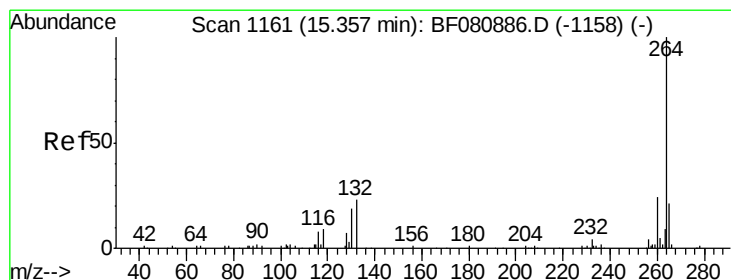
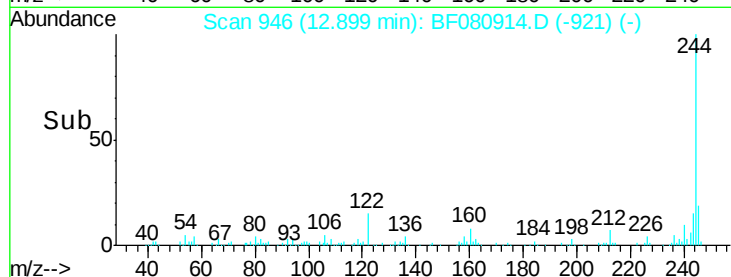
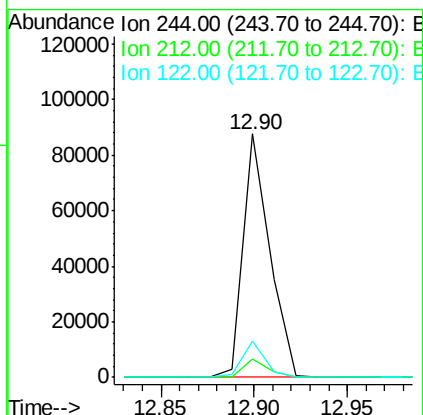
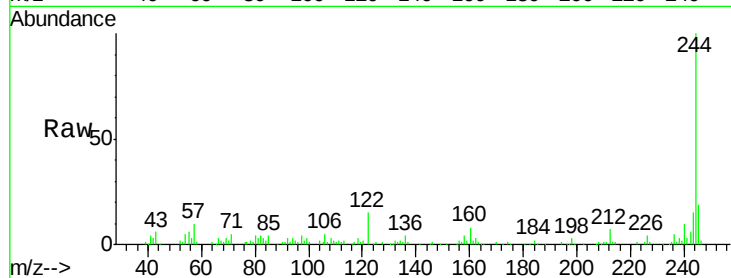




#78
 Terphenyl-d14
 Concen: 6.56 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF080914.D
 Acq: 7 Aug 2015 5:14

Instrument :
 BNA_F
 ClientSampleId :
 LAR9828

Tot Ion:244 Resp: 86793
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 15.0 10.6 16.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080914.D
 Acq: 7 Aug 2015 5:14

Tgt Ion:264 Resp: 233906
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.8 17.0 25.6

