

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079780.D
 Acq On : 6 Jun 2015 20:36
 Operator : TP/IZ
 Sample : G2511-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jun 08 18:35:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

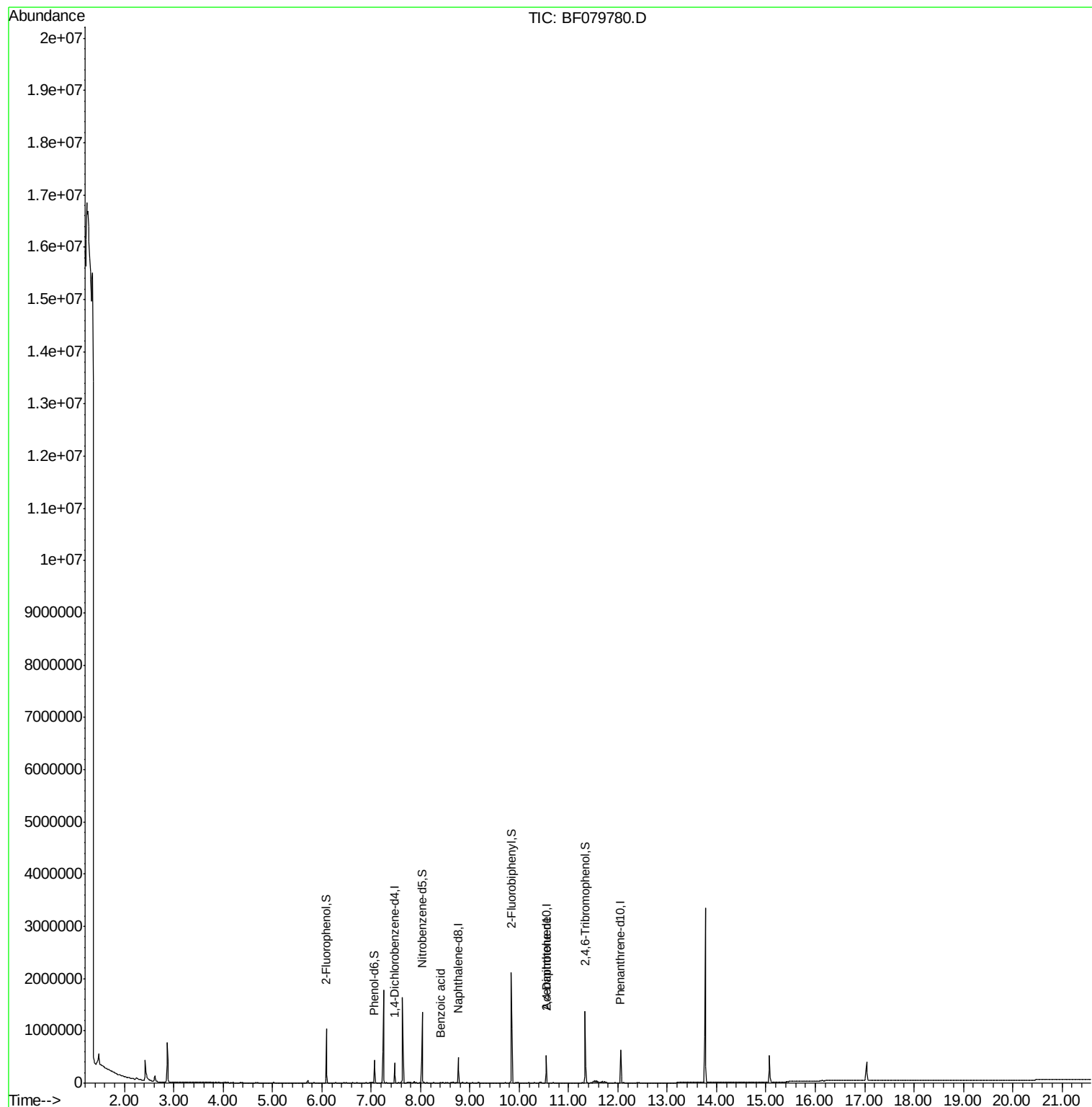
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	60150	20.00	ng	-0.02
21) Naphthalene-d8	8.76	136	247207	20.00	ng	-0.02
38) Acenaphthene-d10	10.55	164	109391	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	221004	20.00	ng	-0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-14.94
86) Perylene-d12	0.00	264	0	0.00	ng	-16.82
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	245401	68.38	ng	-0.01
7) Phenol-d6	7.06	99	183713	39.63	ng	-0.02
23) Nitrobenzene-d5	8.03	82	417355	103.65	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	148572	142.00	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	753224	93.29	ng	-0.02
78) Terphenyl-d14	13.77	244	1094150	0.00	ng	0.06
Target Compounds						
32) Benzoic acid	8.41	122	684	4.45	ng	# 81
56) 2,4-Dinitrotoluene	10.55	165	10224	8.93	ng	# 35

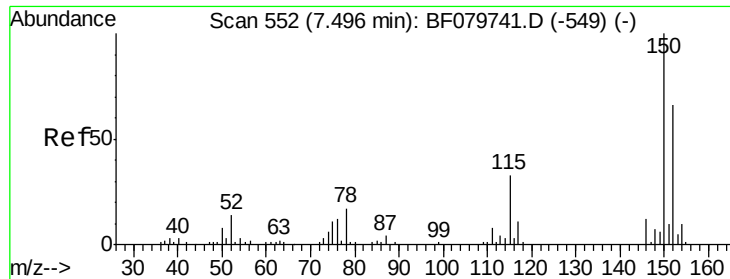
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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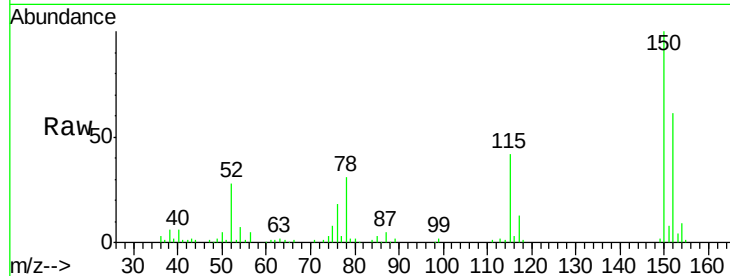


#1

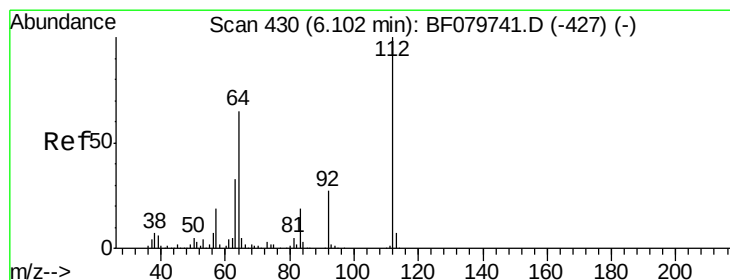
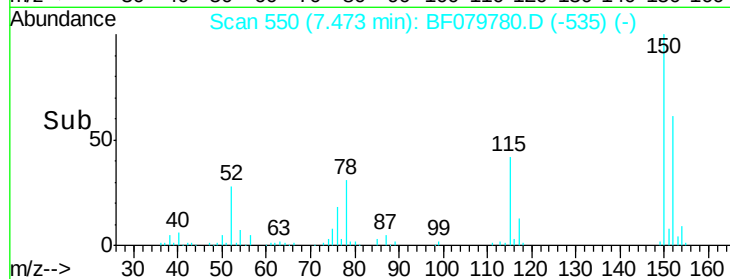
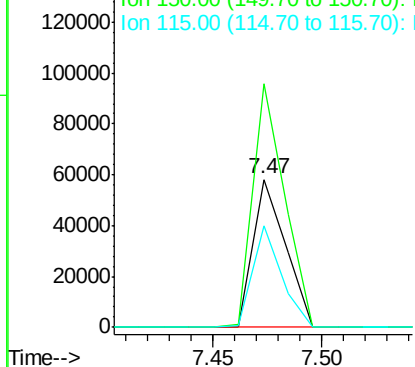
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF079780.D
Acq: 6 Jun 2015 20:36

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 60150
Ion Ratio Lower Upper
152 100
150 164.7 128.1 192.1
115 68.4 49.7 74.5



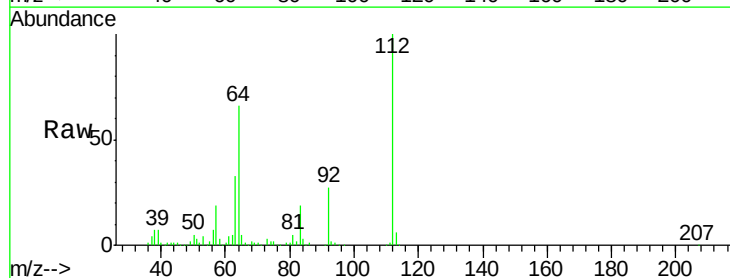
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



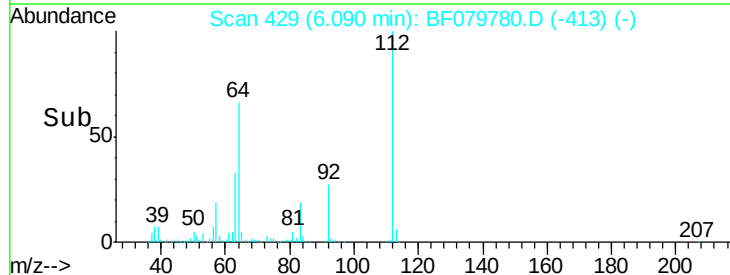
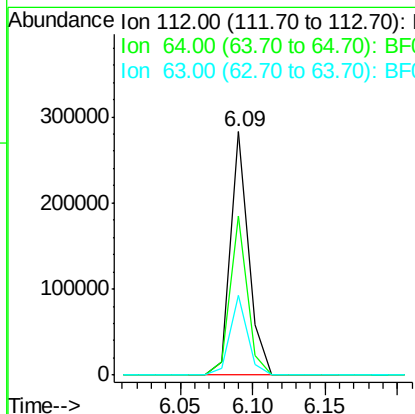
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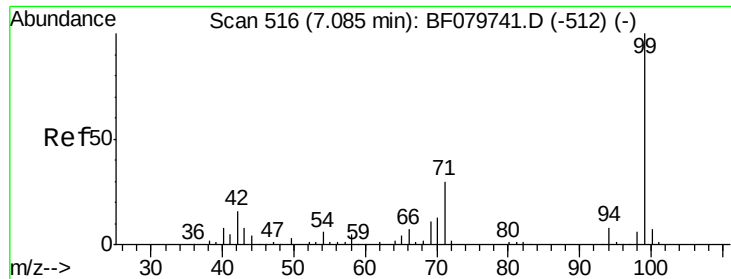
2-Fluorophenol
Concen: 68.38 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF079780.D
Acq: 6 Jun 2015 20:36

Tgt Ion:112 Resp: 245401
Ion Ratio Lower Upper
112 100
64 65.5 49.6 74.4
63 33.0 24.9 37.3



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: 39.63 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

MW-4

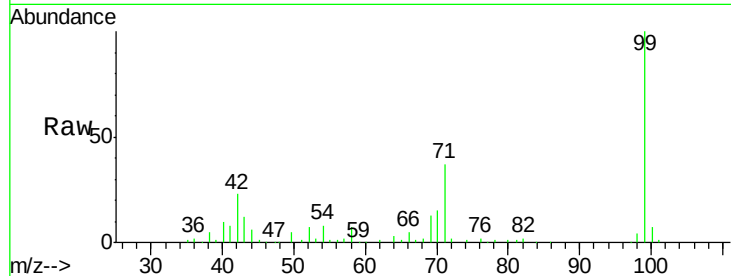
Tgt Ion: 99 Resp: 183713

Ion Ratio Lower Upper

99 100

42 22.6 18.0 27.0

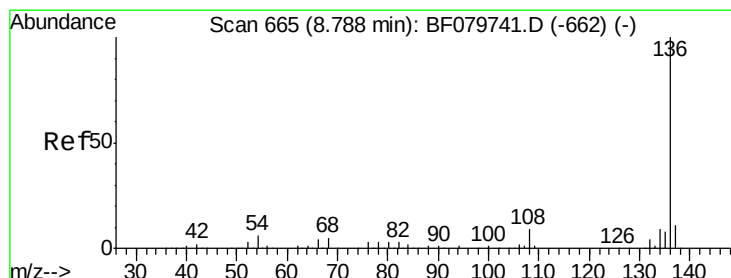
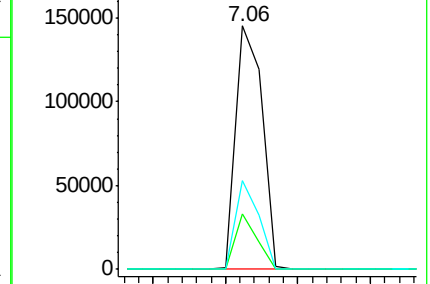
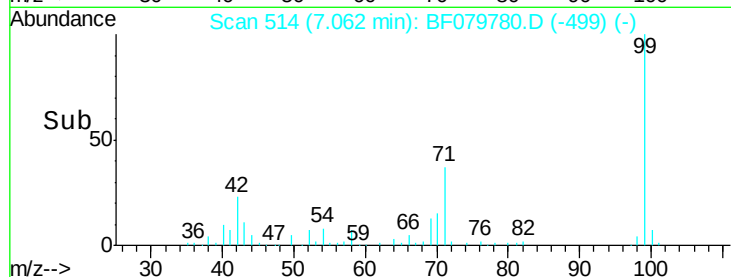
71 36.6 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF079780.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BF079780.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BF079780.D (-499) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

Tgt Ion: 136 Resp: 247207

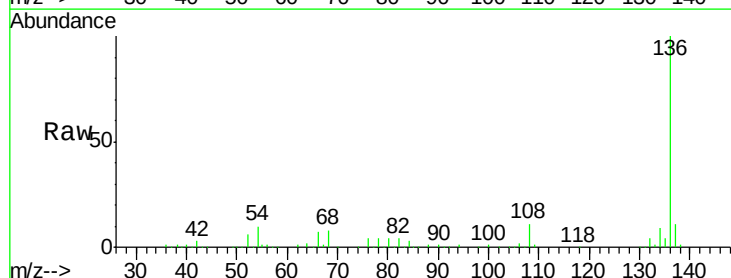
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.3 8.7 13.1

68 8.1 5.8 8.8

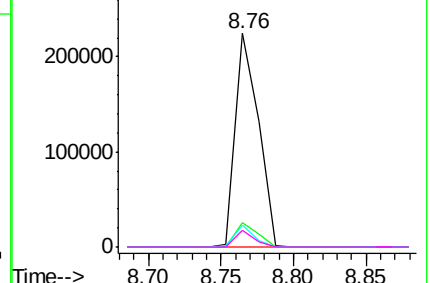
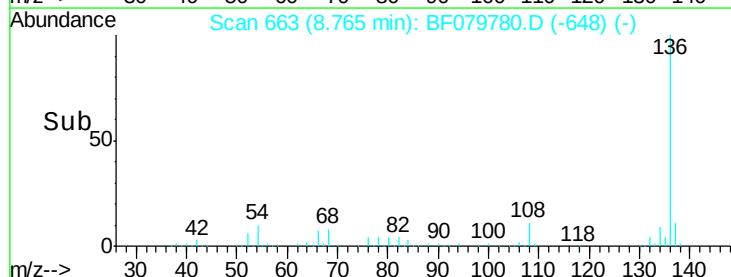


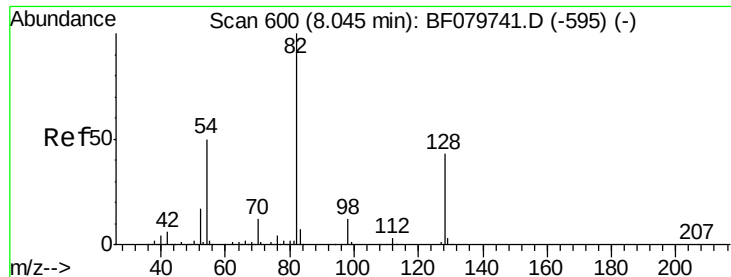
Abundance Ion 136.00 (135.70 to 136.70): BF079780.D (-648) (-)

Ion 137.00 (136.70 to 137.70): BF079780.D (-648) (-)

Ion 54.00 (53.70 to 54.70): BF079780.D (-648) (-)

Ion 68.00 (67.70 to 68.70): BF079780.D (-648) (-)

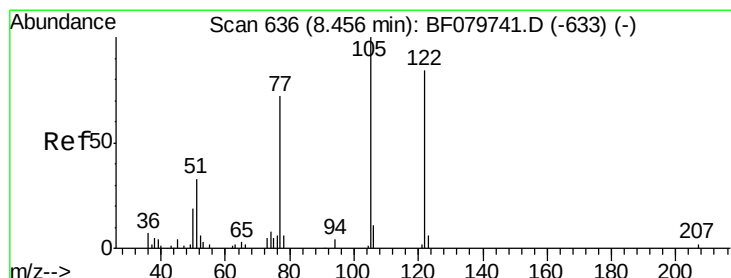
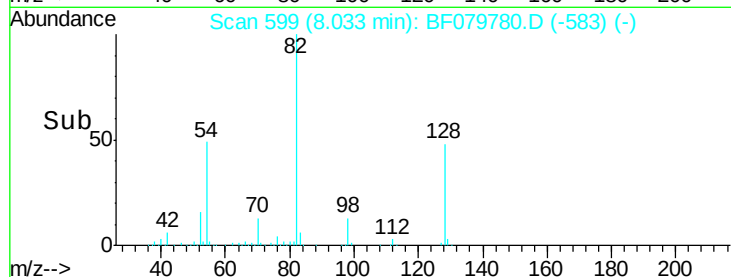
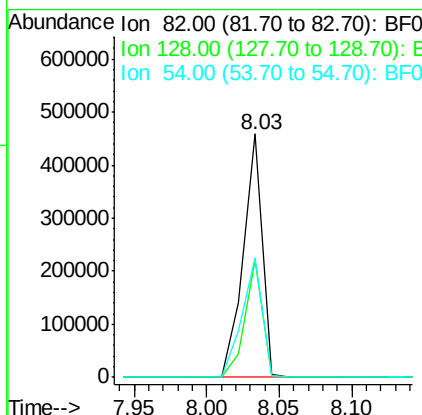
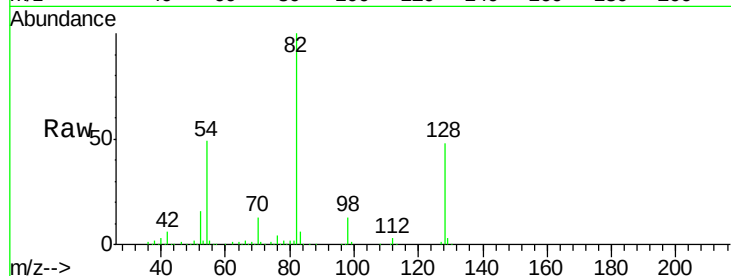




#23
 Nitrobenzene-d5
 Concen: 103.65 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

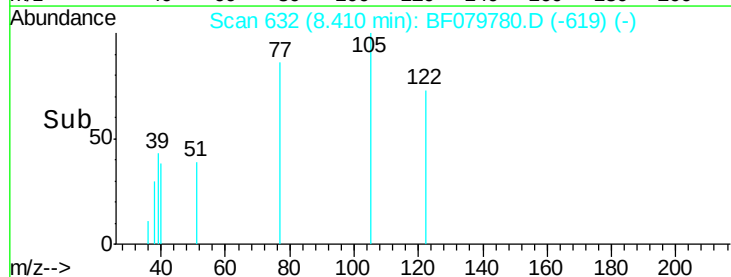
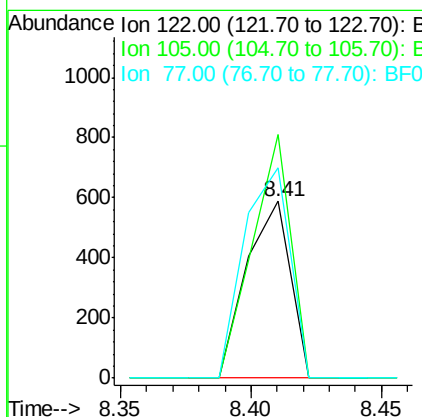
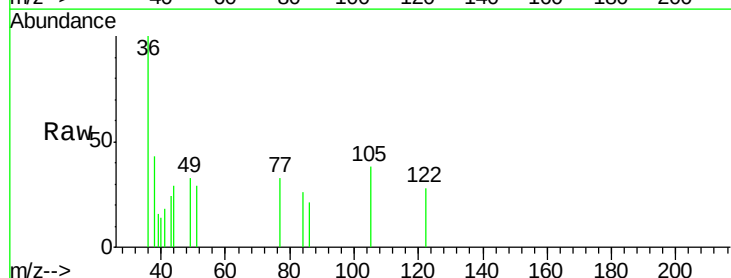
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

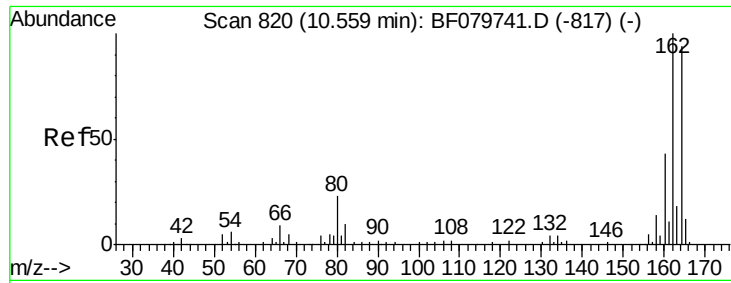
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.6	56.4
54	49.2	39.4	59.2



#32
 Benzoic acid
 Concen: 4.45 ng
 RT: 8.41 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.5	106.7	146.7
77	118.5	68.9	108.9

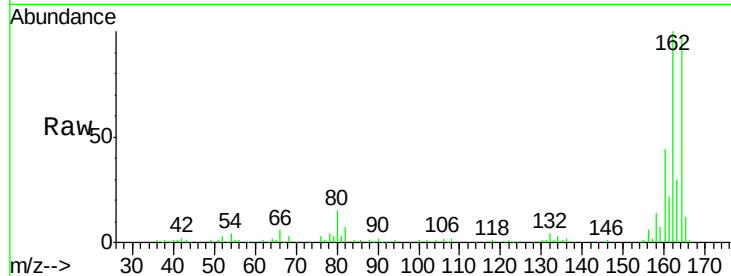




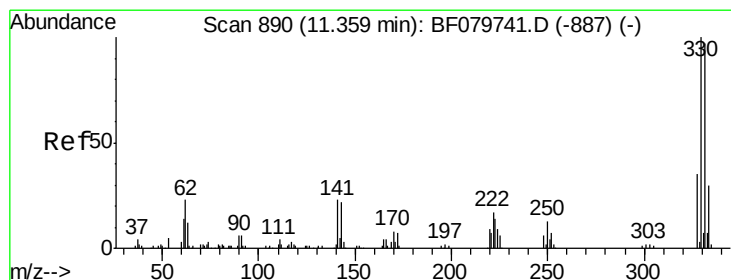
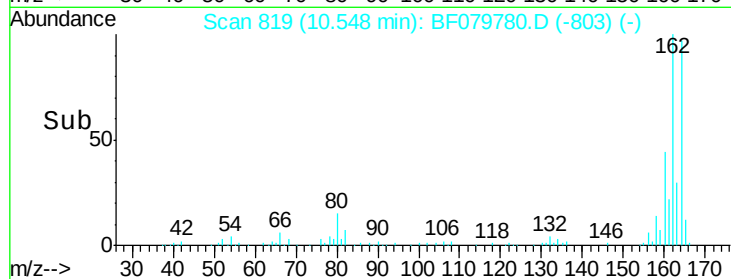
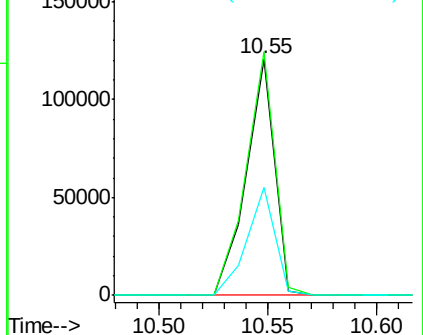
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:164 Resp: 109391
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 45.5 36.8 55.2

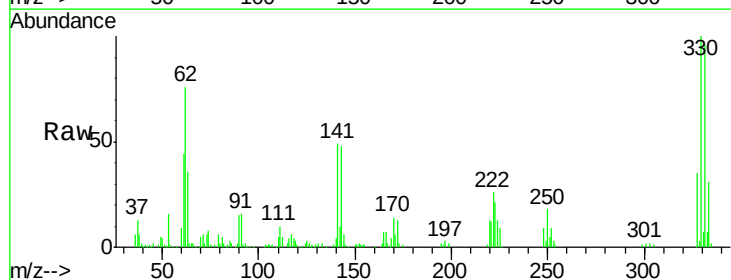


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

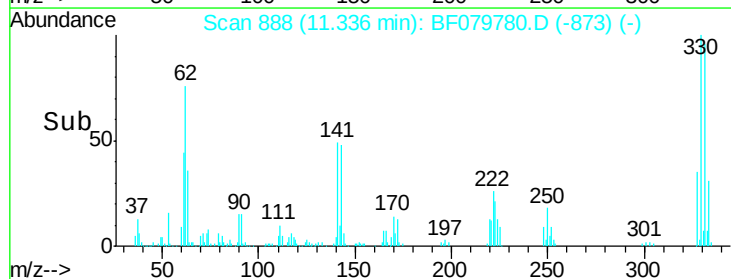
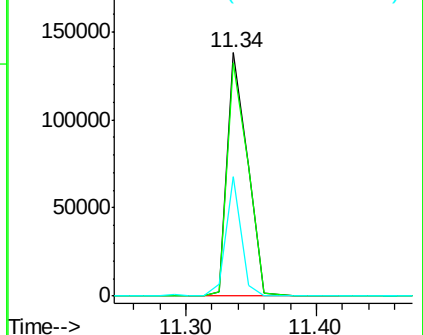


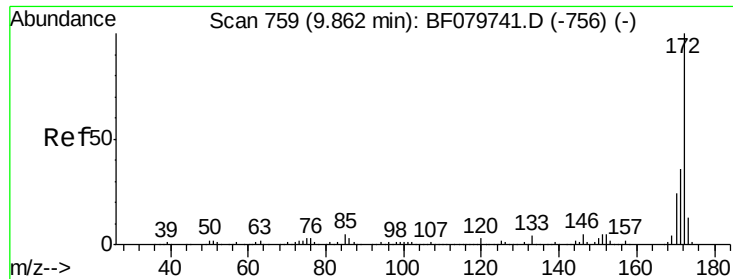
#41
 2,4,6-Tribromophenol
 Concen: 142.00 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

Tgt Ion:330 Resp: 148572
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.0
 141 37.9 30.2 45.2



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

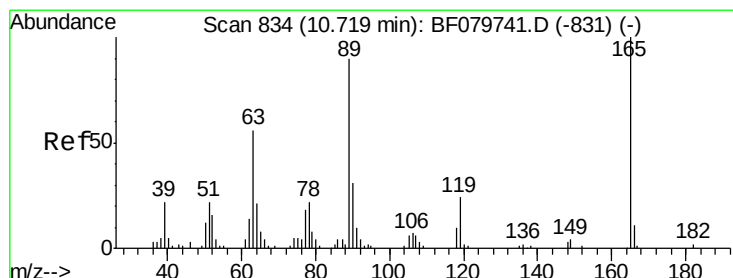
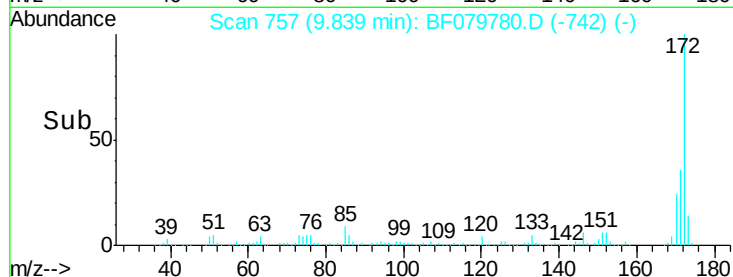
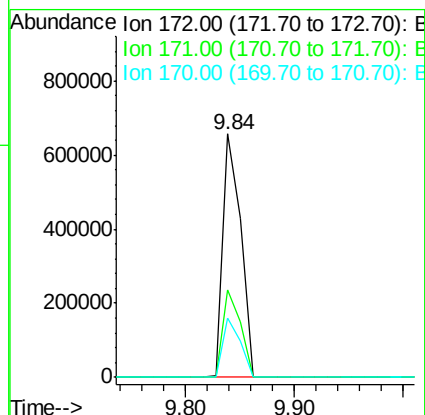
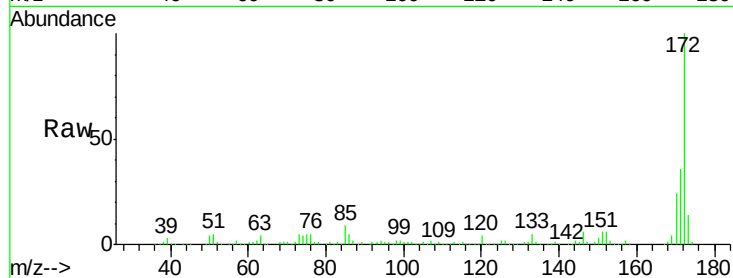




#44
2-Fluorobiphenyl
Concen: 93.29 ng
RT: 9.84 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF079780.D
Acq: 6 Jun 2015 20:36

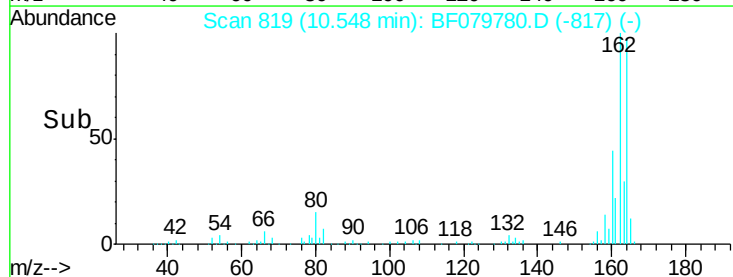
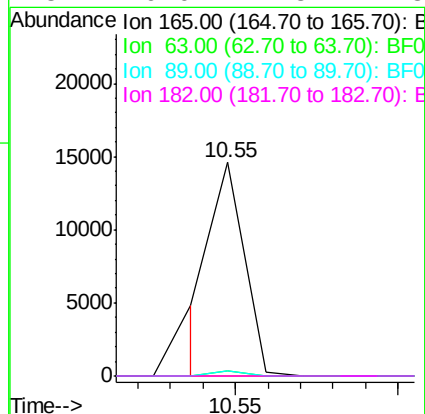
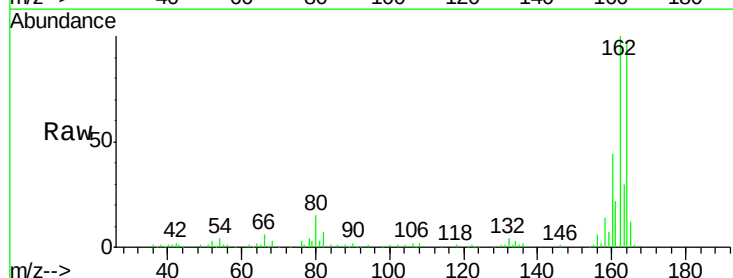
Instrument :
BNA_F
ClientSampleId :
MW-4

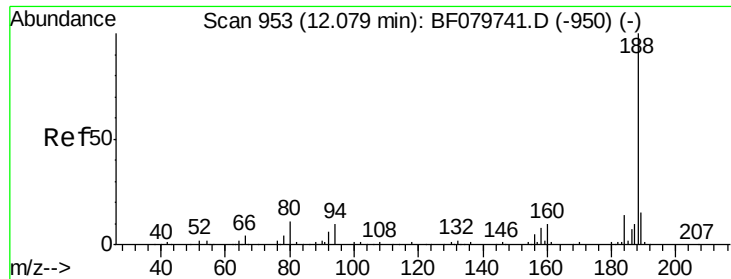
Tgt Ion:172 Resp: 753224
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.3 19.7 29.5



#56
2,4-Dinitrotoluene
Concen: 8.93 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.17 min
Lab File: BF079780.D
Acq: 6 Jun 2015 20:36

Tgt Ion:165 Resp: 10224
Ion Ratio Lower Upper
165 100
63 2.1 24.7 37.1#
89 2.5 45.7 68.5#
182 0.0 1.8 2.8#

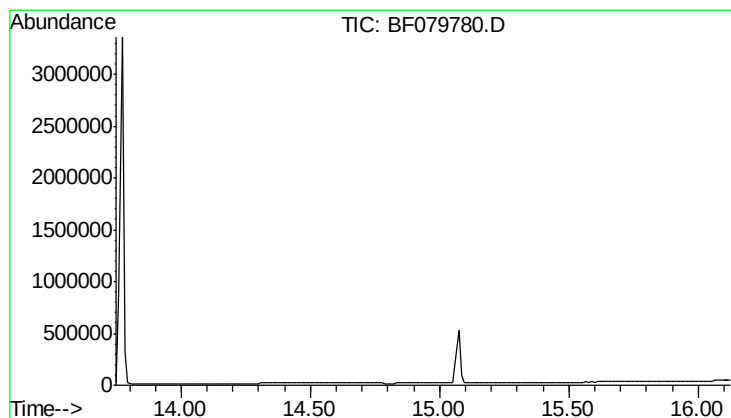
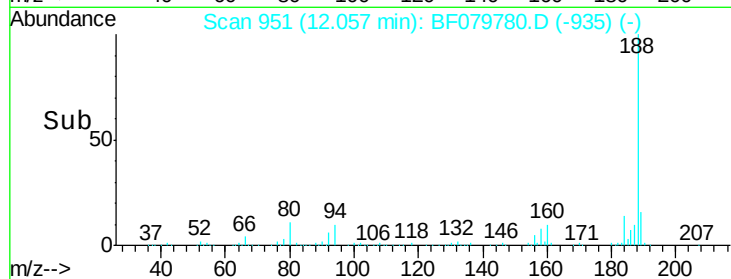
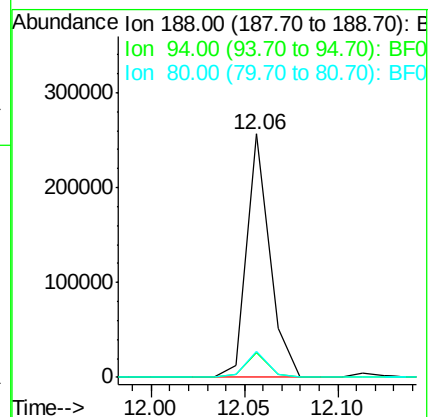
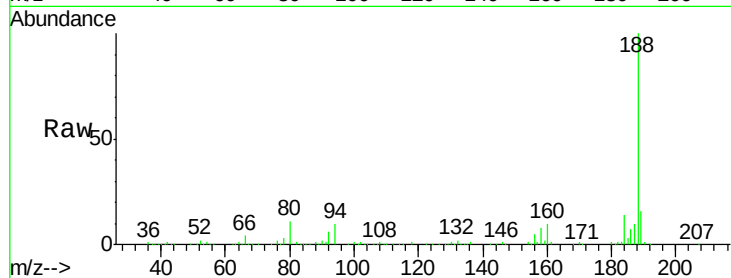




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

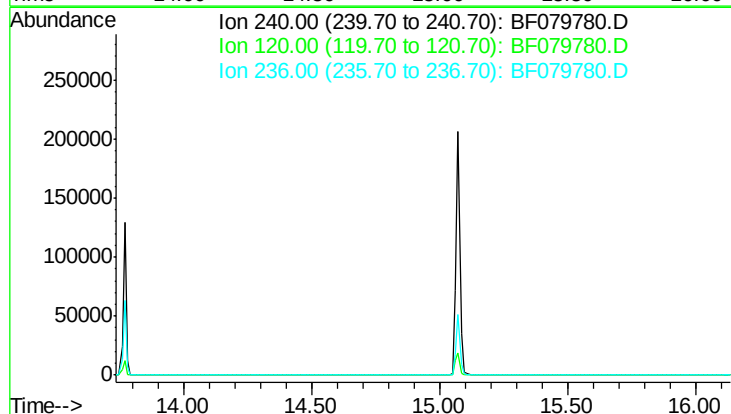
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

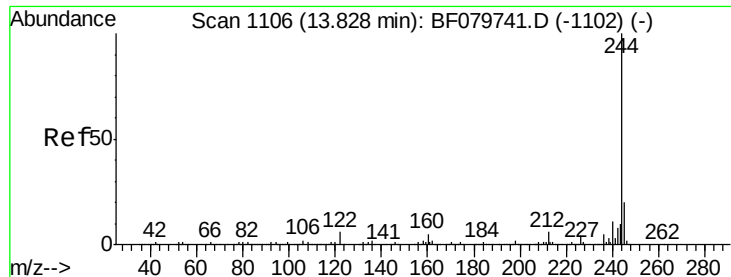
Tgt Ion: 188 Resp: 221004
 Ion Ratio Lower Upper
 188 100
 94 10.1 5.0 7.4#
 80 10.7 5.3 7.9#



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 14.94 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 7.7
 236 26.2





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.77 min Scan# 1101

Delta R.T. 0.06 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

MW-4

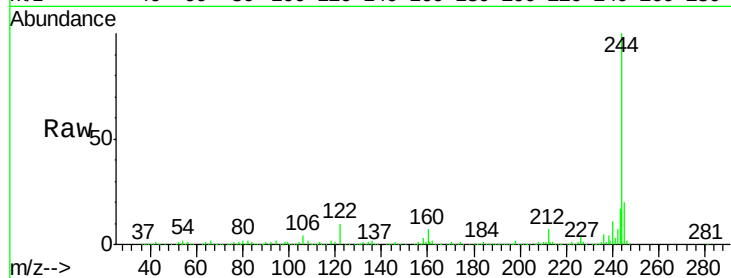
Tgt Ion: 244 Resp: 1094150

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

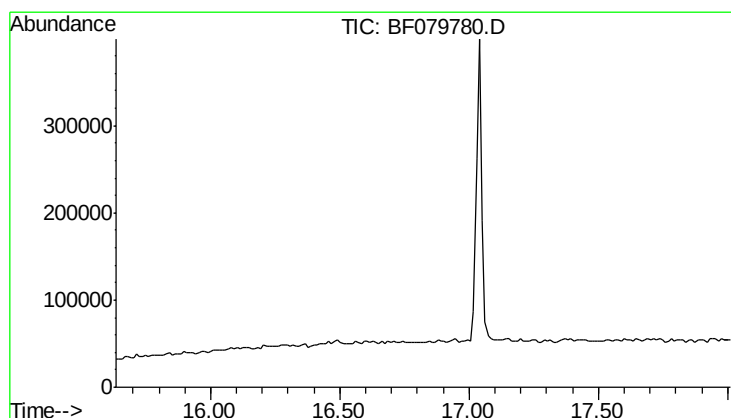
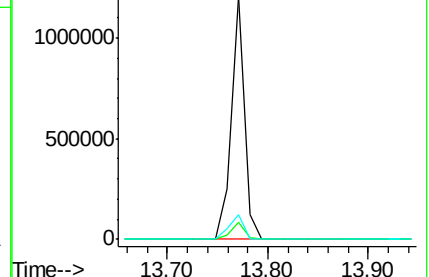
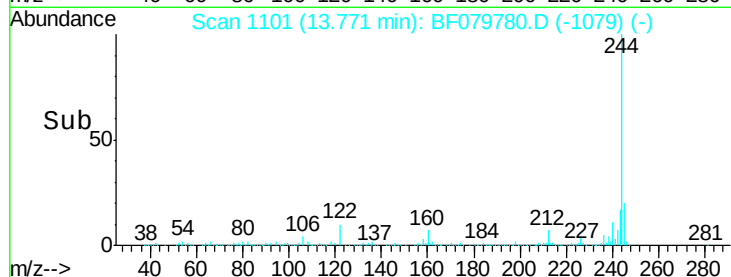
122 10.2 9.3 13.9



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: 0.00 ng

Expected RT: 16.82 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.2

265 22.8

