

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077999.D
 Acq On : 26 Mar 2015 17:04
 Operator : TP/IZ
 Sample : PB82292BL
 Misc : LOD/LOQ-WATER-BLK
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82347BL

Quant Time: Mar 27 00:20:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

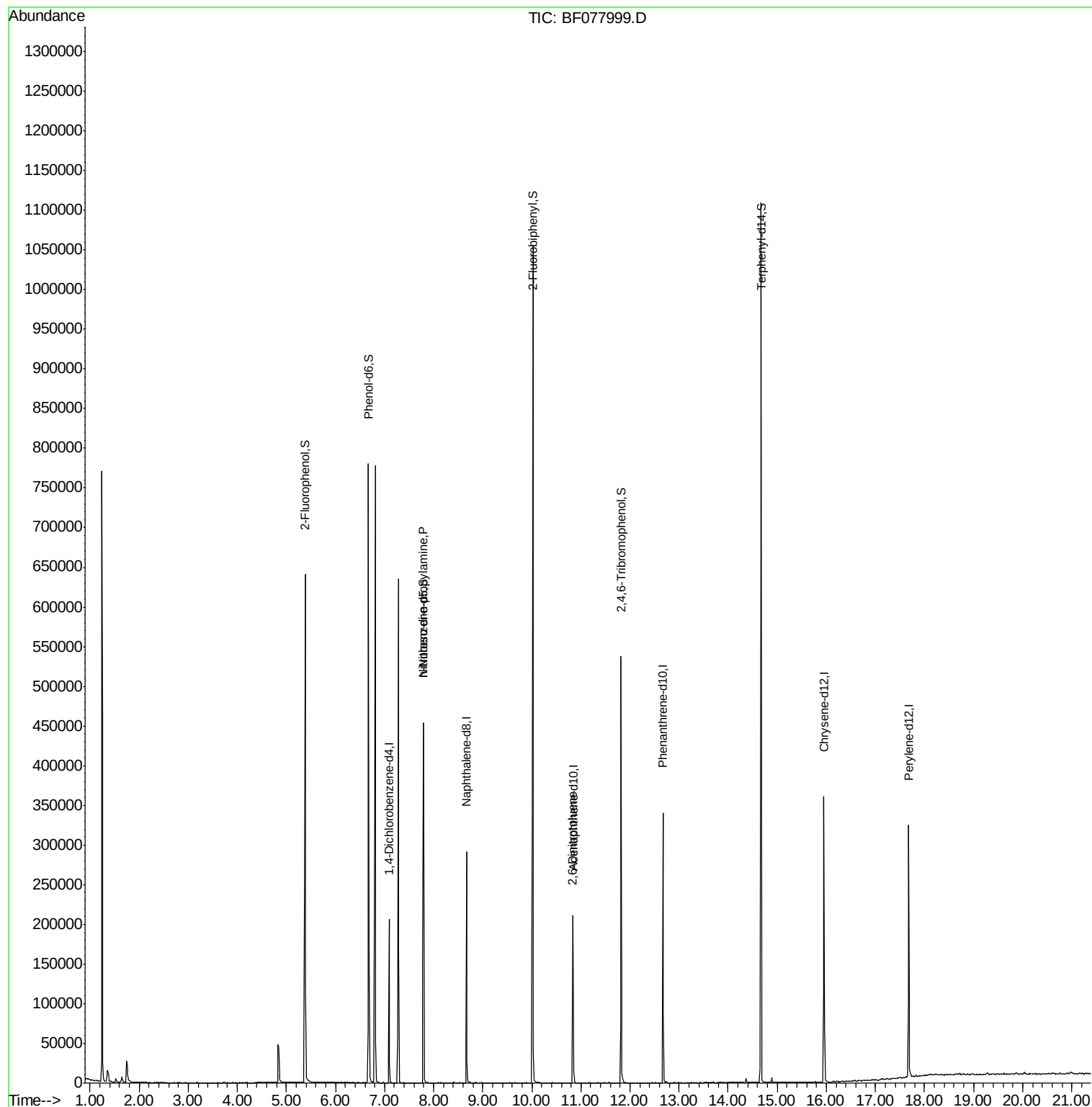
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	34226	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	136673	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	65504	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	140273	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	149157	20.00	ng	-0.06
86) Perylene-d12	17.68	264	140946	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	223934	114.21	ng	0.00
7) Phenol-d6	6.67	99	271778	112.19	ng	-0.01
23) Nitrobenzene-d5	7.79	82	155112	74.40	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	64573	103.03	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	359503	80.66	ng	0.00
78) Terphenyl-d14	14.67	244	464345	76.04	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	19438	11.60	ng	# 79
50) 2,6-Dinitrotoluene	10.83	165	8547	8.49	ng	# 24

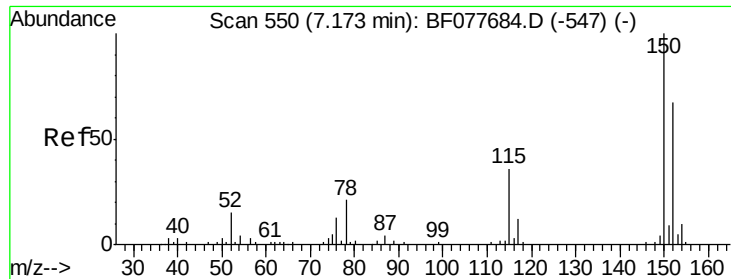
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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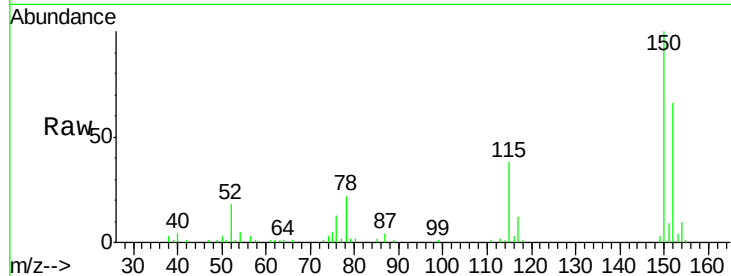


#1

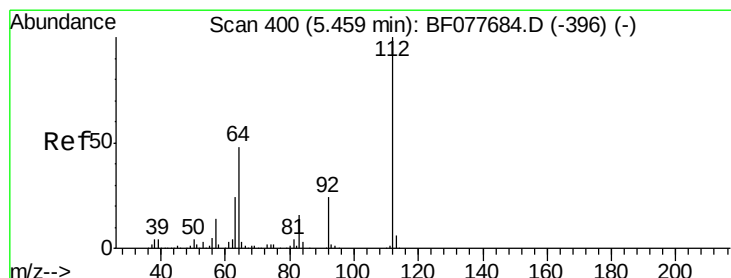
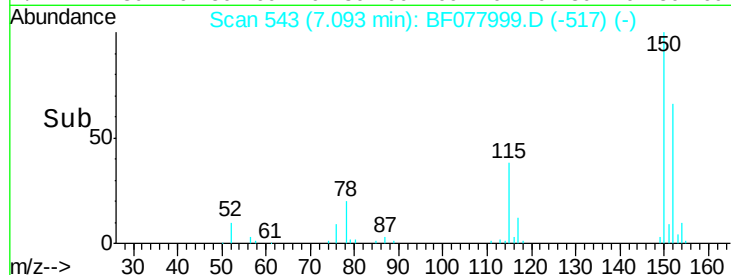
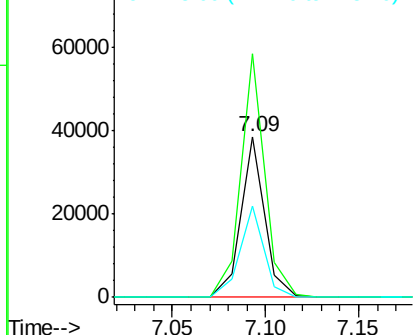
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF077999.D
Acq: 26 Mar 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB82347BL

Tgt Ion:152 Resp: 34226
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 57.0 43.0 64.4



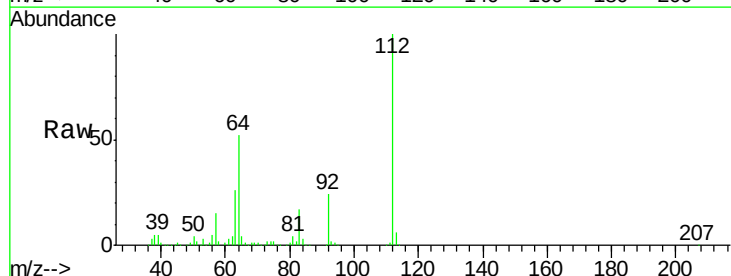
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



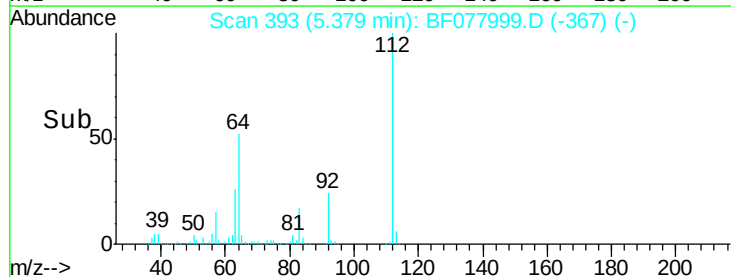
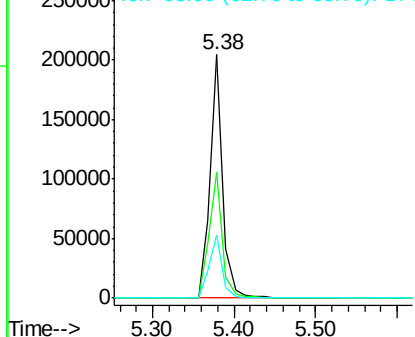
#5

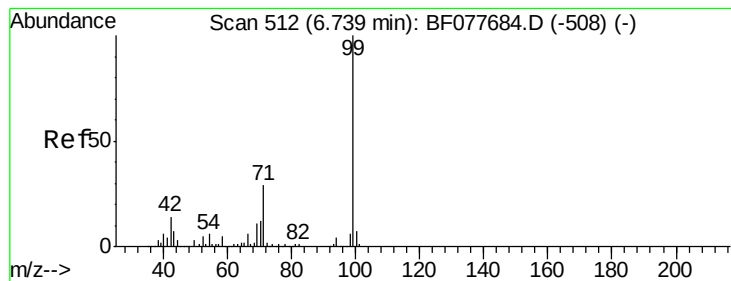
2-Fluorophenol
Concen: 114.21 ng
RT: 5.38 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF077999.D
Acq: 26 Mar 2015 17:04

Tgt Ion:112 Resp: 223934
Ion Ratio Lower Upper
112 100
64 51.7 38.6 57.8
63 26.2 19.3 28.9



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: 112.19 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF077999.D

Acq: 26 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB82347BL

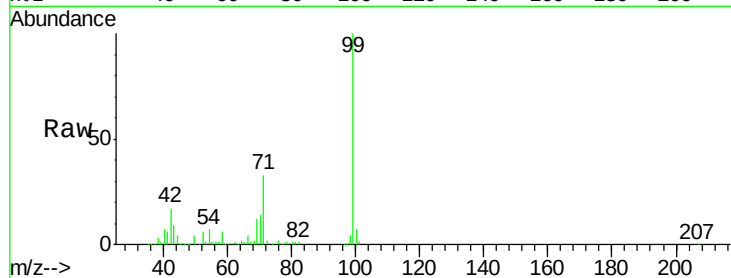
Tgt Ion: 99 Resp: 271778

Ion Ratio Lower Upper

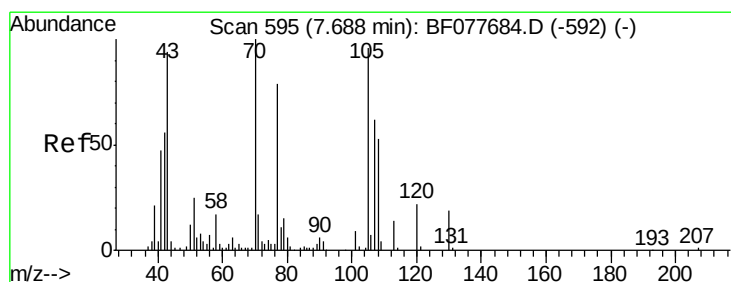
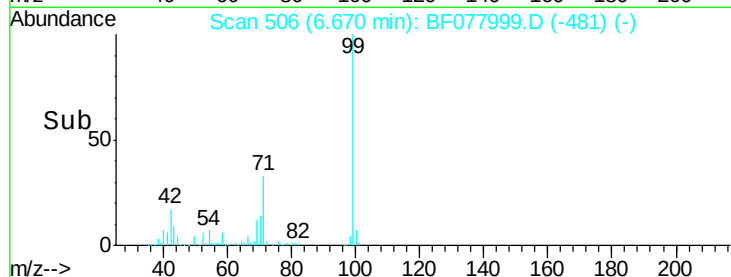
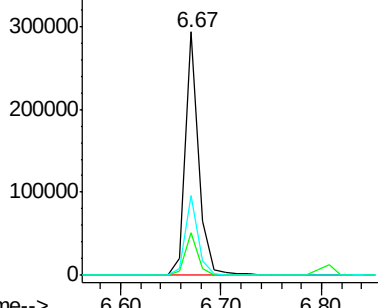
99 100

42 17.4 11.0 16.4#

71 32.6 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.60 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077999.D

Acq: 26 Mar 2015 17:04

Tgt Ion: 70 Resp: 19438

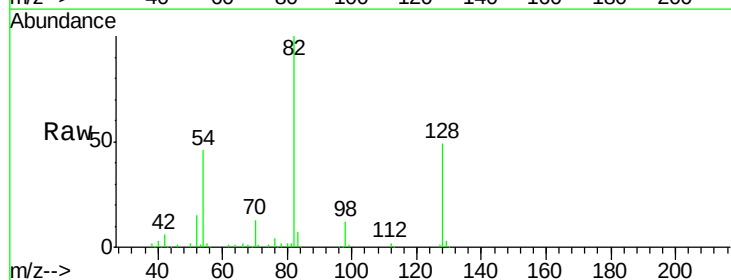
Ion Ratio Lower Upper

70 100

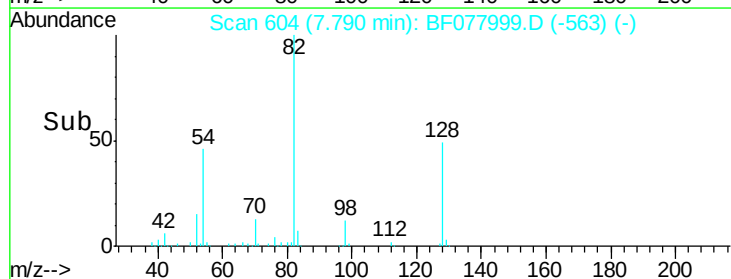
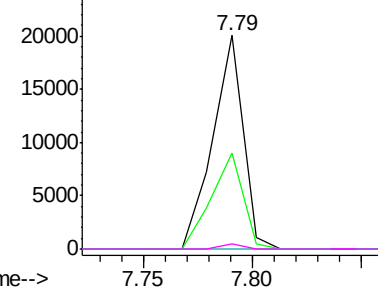
42 44.8 44.5 66.7

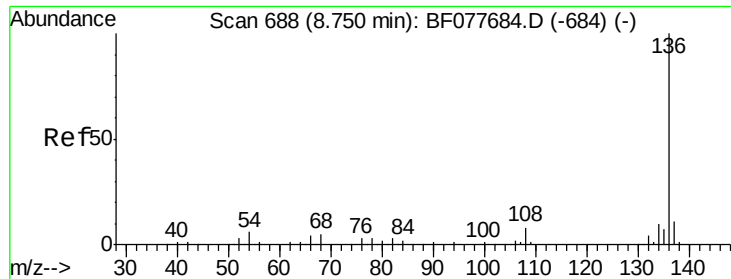
101 0.0 7.4 11.2#

130 2.4 15.3 22.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

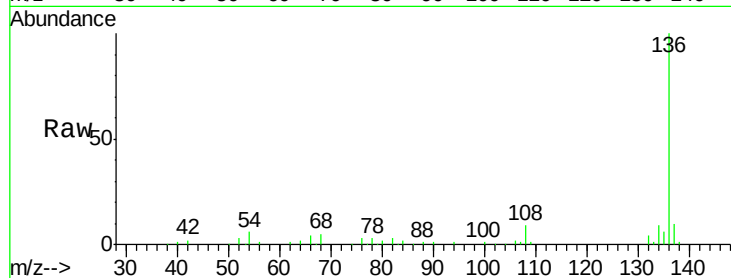




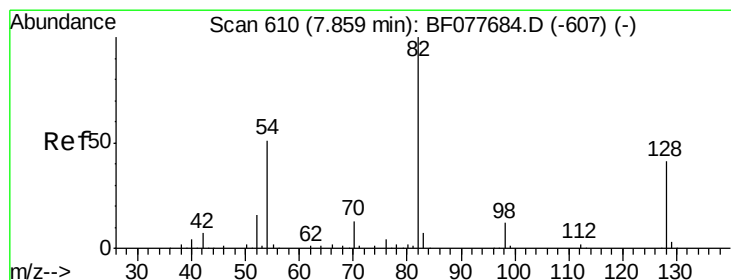
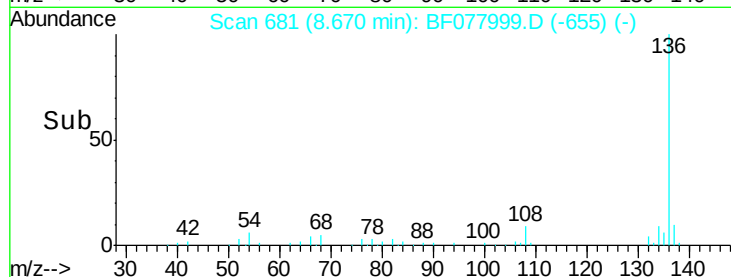
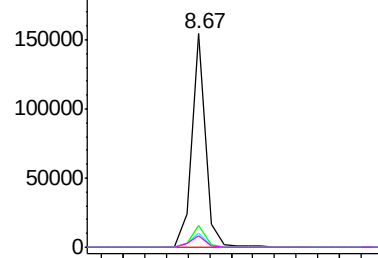
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077999.D
Acq: 26 Mar 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB82347BL

Tgt Ion:	136	Resp:	136673
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	6.5	4.6	6.8
68	5.3	3.7	5.5

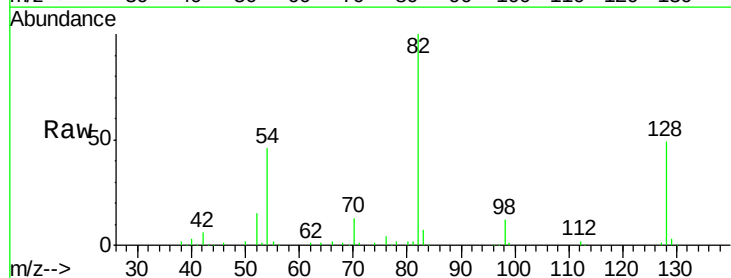


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

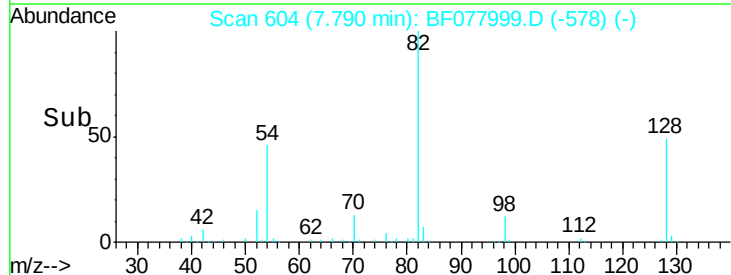
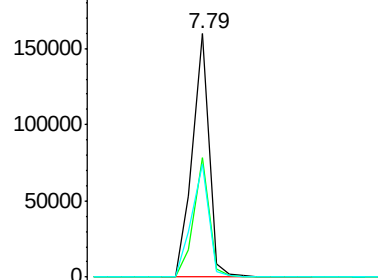


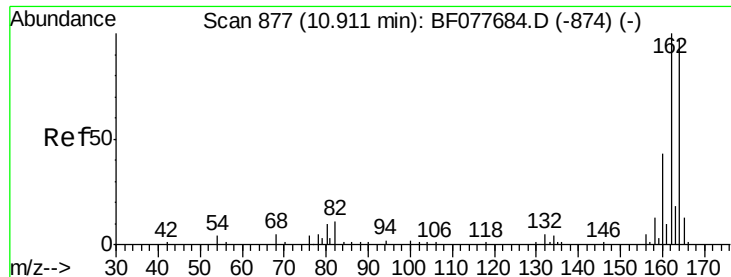
#23
Nitrobenzene-d5
Concen: 74.40 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077999.D
Acq: 26 Mar 2015 17:04

Tgt Ion:	82	Resp:	155112
Ion	Ratio	Lower	Upper
82	100		
128	49.0	32.8	49.2
54	46.3	40.6	60.8



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

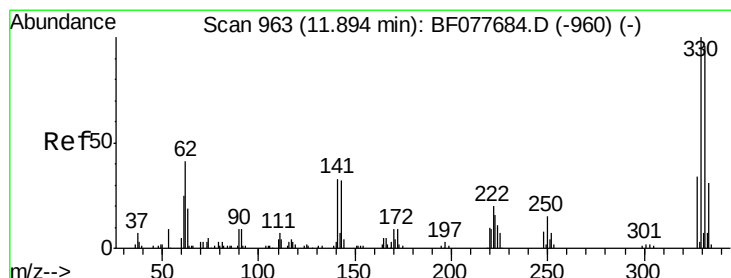
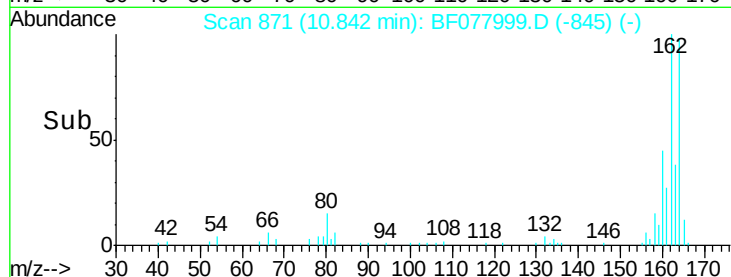
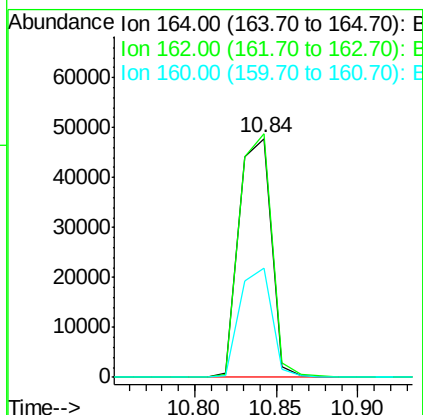
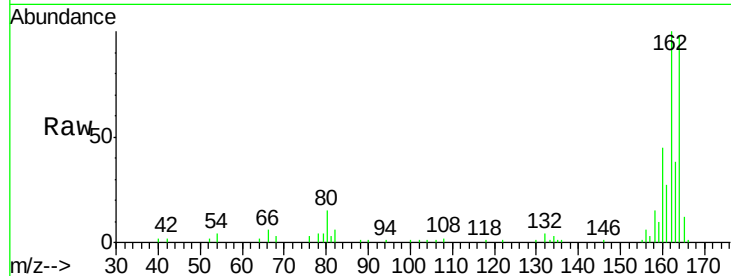




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

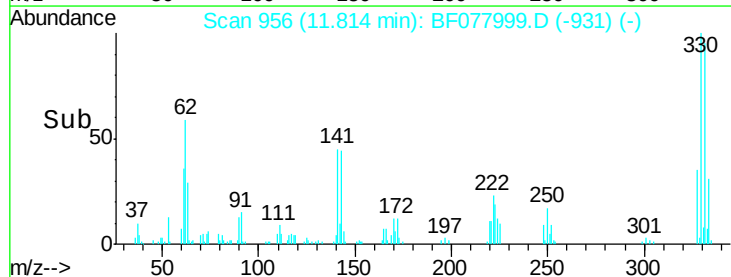
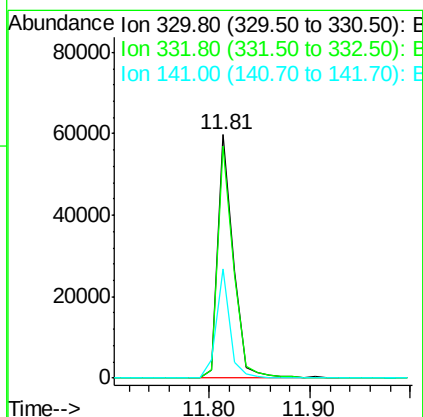
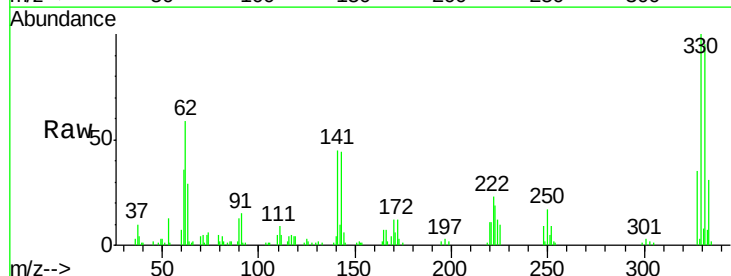
Instrument :
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 ClientSampleId :
 PB82347BL

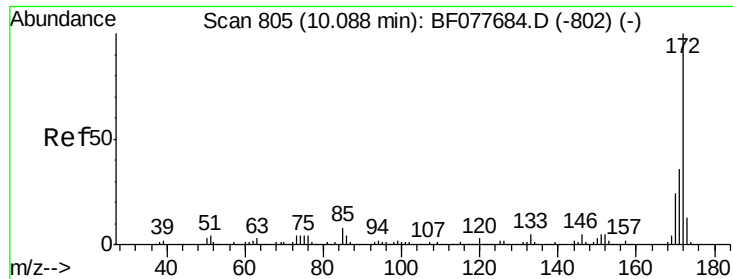
Tgt Ion:164 Resp: 65504
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.4 123.6
 160 45.6 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 103.03 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Tgt Ion:330 Resp: 64573
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 38.5 0.0 0.0#

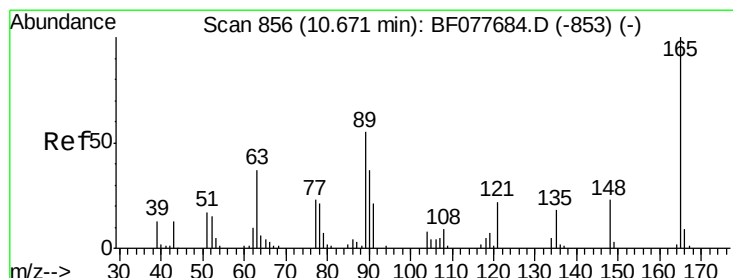
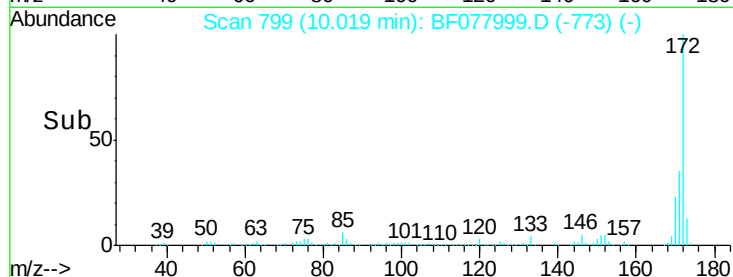
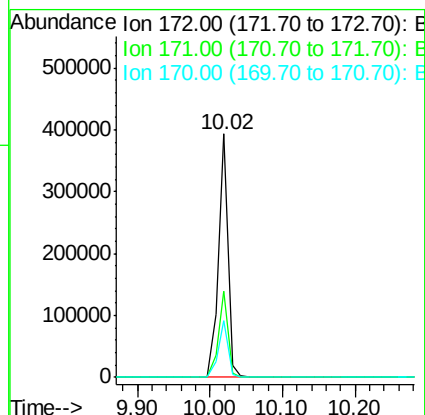
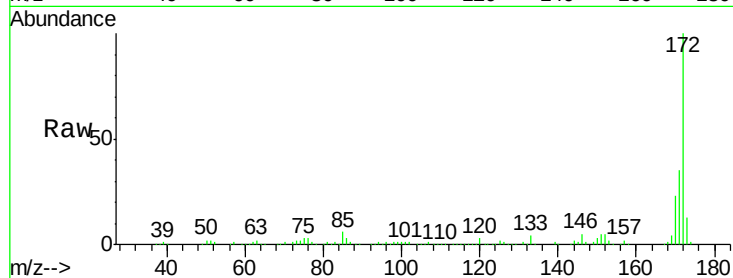




#44
 2-Fluorobiphenyl
 Concen: 80.66 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

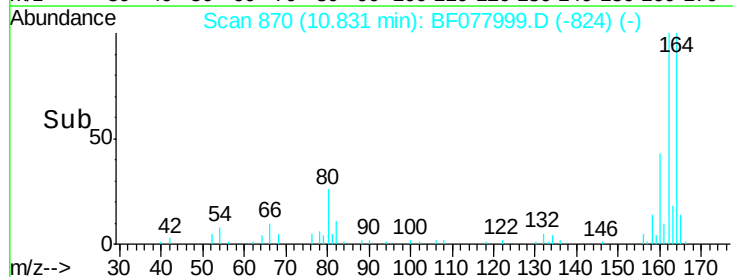
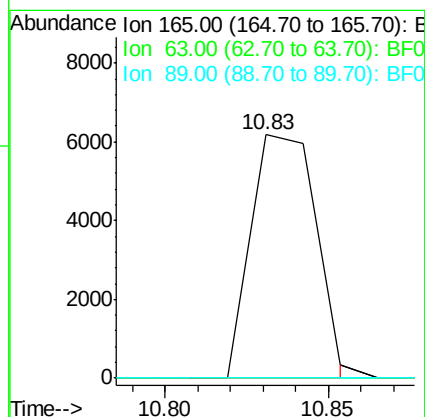
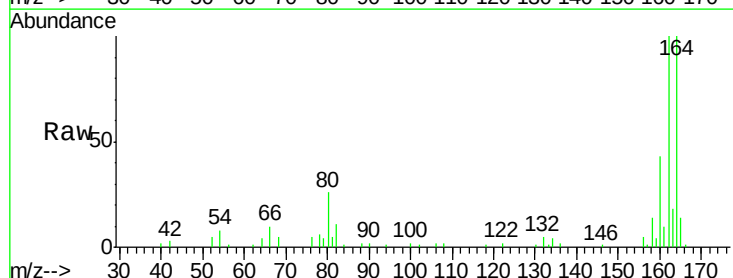
Instrument :
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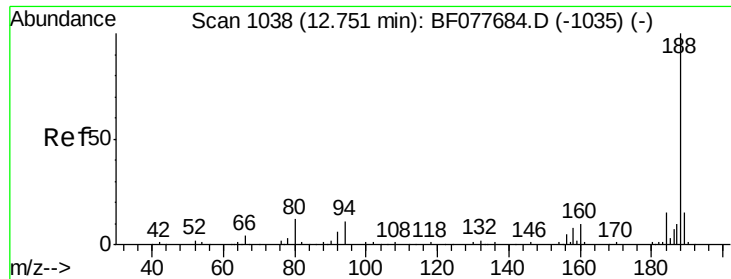
Tgt Ion:172 Resp: 359503
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.2 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 8.49 ng
 RT: 10.83 min Scan# 870
 Delta R.T. 0.23 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Tgt Ion:165 Resp: 8547
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

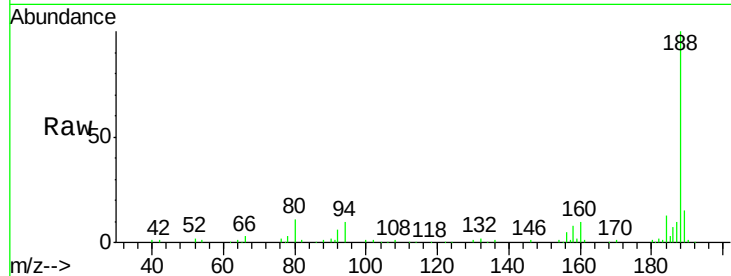




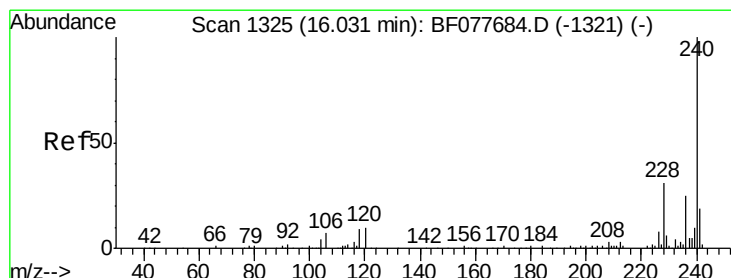
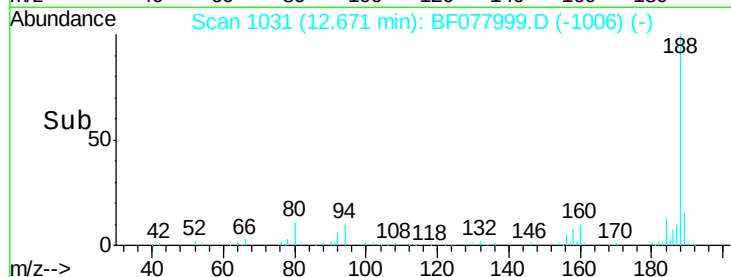
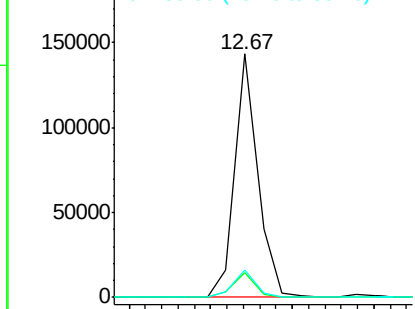
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82347BL

Tgt Ion:188 Resp: 140273
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.7 13.1
 80 11.1 9.3 13.9

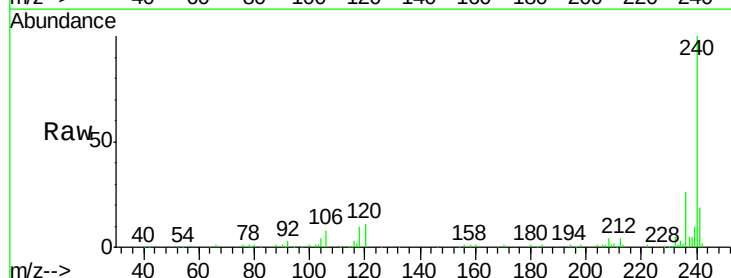


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

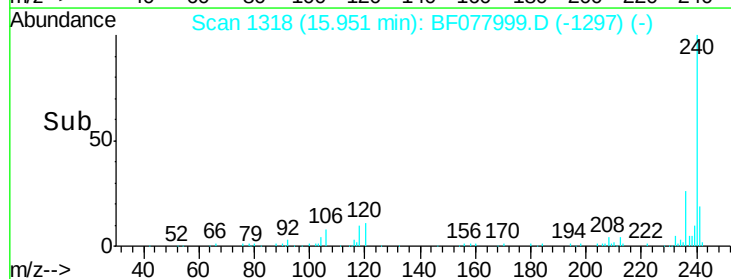
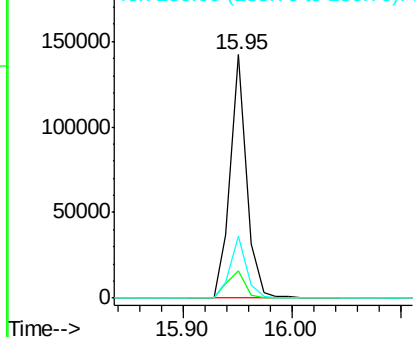


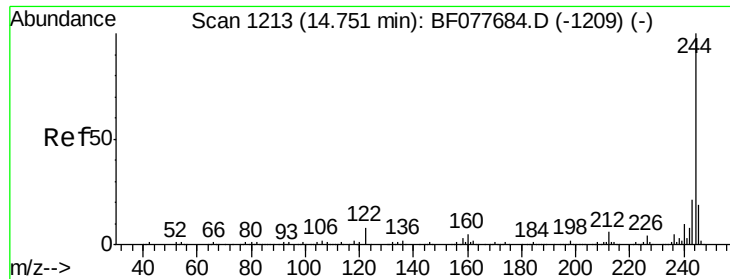
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.06 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Tgt Ion:240 Resp: 149157
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.2 12.2
 236 25.6 20.0 30.0



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

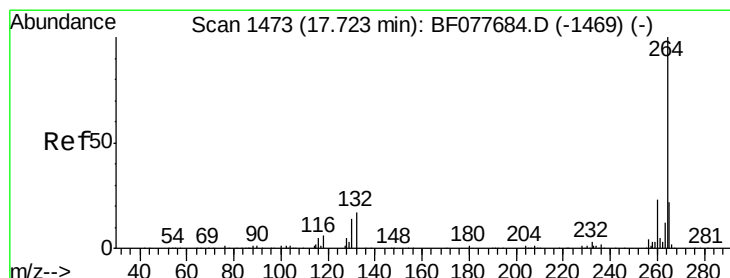
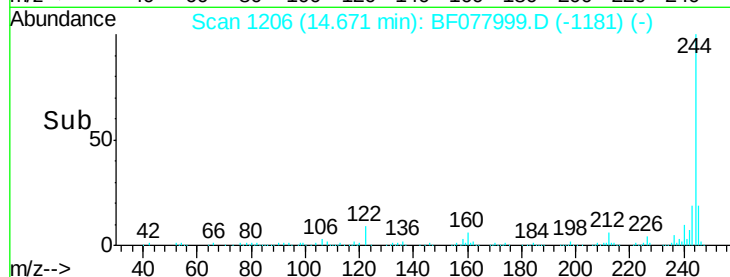
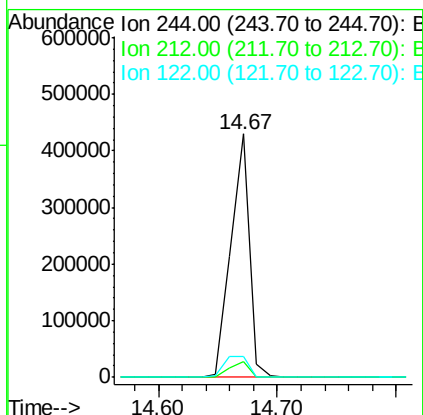
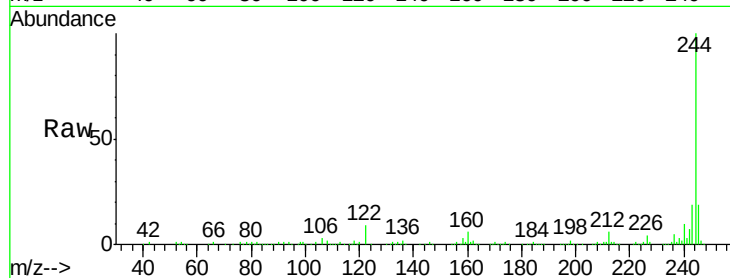




#78
 Terphenyl-d14
 Concen: 76.04 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82347BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.9	7.3
122	8.8	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.22 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	17.3	25.9

