

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079633.D
 Acq On : 31 May 2015 15:17
 Operator : TP/IZ
 Sample : G2426-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-3(5-15)

Quant Time: Jun 01 04:14:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

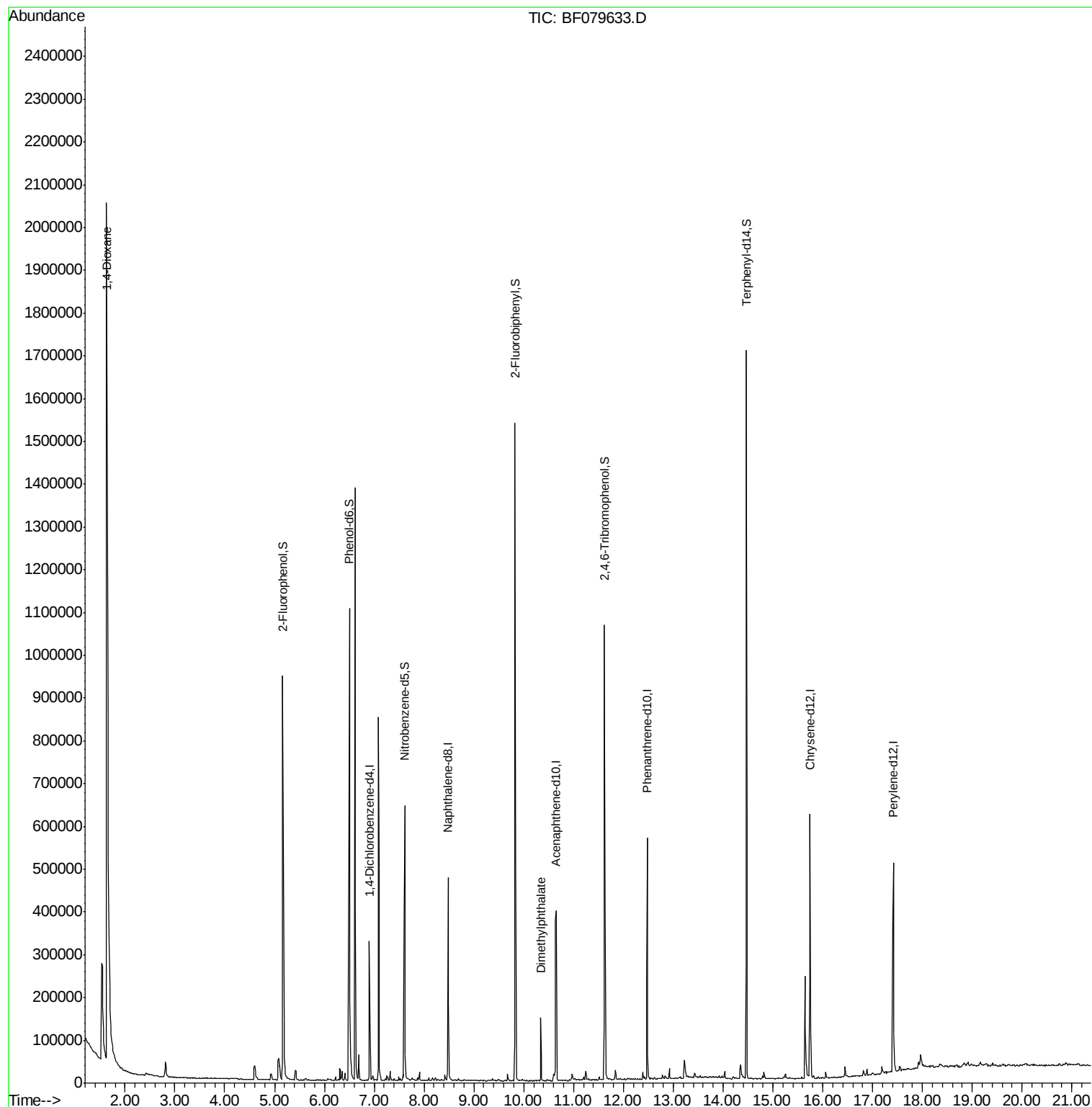
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	57638	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	238434	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	119489	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	241672	20.00	ng	0.00
75) Chrysene-d12	15.75	240	248289	20.00	ng	0.00
86) Perylene-d12	17.42	264	252625	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	380253	114.43	ng	0.00
7) Phenol-d6	6.50	99	494149	116.66	ng	0.00
23) Nitrobenzene-d5	7.61	82	265203	64.30	ng	0.00
41) 2,4,6-Tribromophenol	11.62	330	155372	118.38	ng	-0.01
44) 2-Fluorobiphenyl	9.83	172	515030	61.49	ng	0.00
78) Terphenyl-d14	14.47	244	637289	60.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	97517	61.69	ng	# 100
9) Benzaldehyde	6.35	77	1497	Below Cal	#	1
49) Dimethylphthalate	10.34	163	69036	7.84	ng	100
73) Di-n-butylphthalate	13.25	149	4311	Below Cal	#	95
89) Benzo(a)pyrene	17.36	252	2206	Below Cal	#	76
90) Dibenzo(a,h)anthracene	18.70	278	1112	Below Cal	#	56
91) Benzo(g,h,i)perylene	19.04	276	2227	Below Cal	#	65

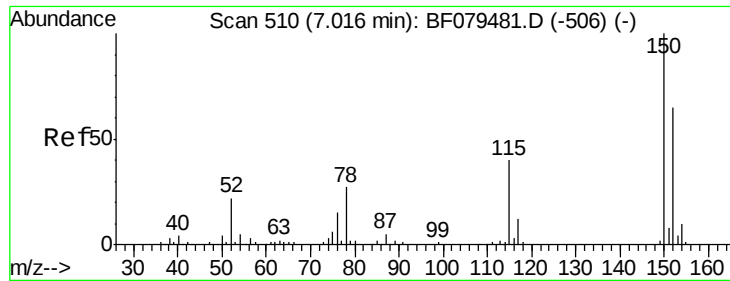
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079633.D

Acq: 31 May 2015 15:17

Instrument :

BNA_F

ClientSampled :

DB-3(5-15)

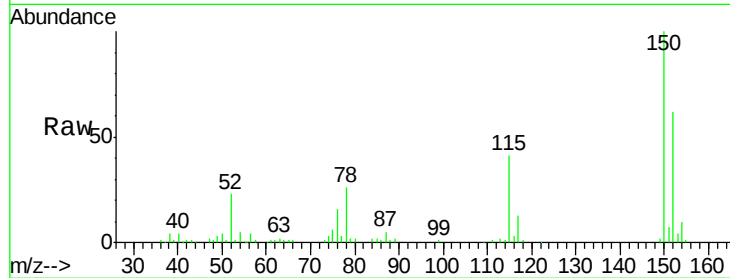
Tgt Ion:152 Resp: 57638

Ion Ratio Lower Upper

152 100

150 160.7 124.0 186.0

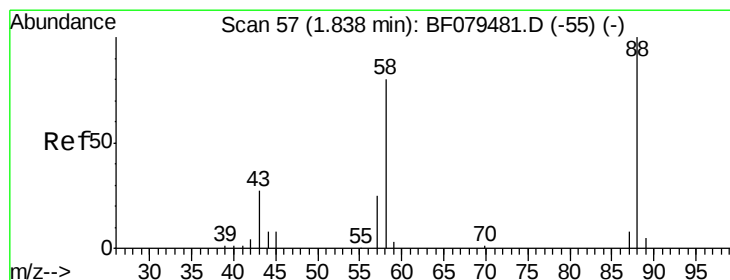
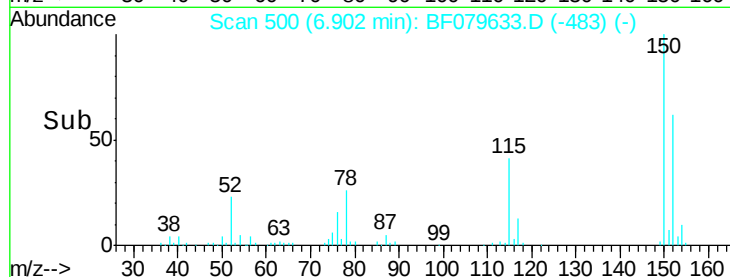
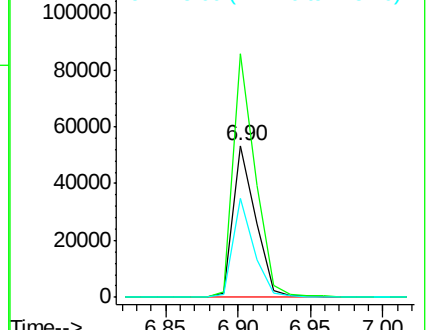
115 65.1 49.6 74.4



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



#2

1,4-Dioxane

Concen: 61.69 ng

RT: 1.63 min Scan# 39

Delta R.T. -0.06 min

Lab File: BF079633.D

Acq: 31 May 2015 15:17

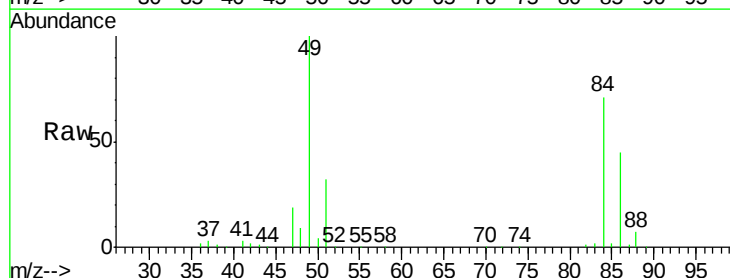
Tgt Ion: 88 Resp: 97517

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

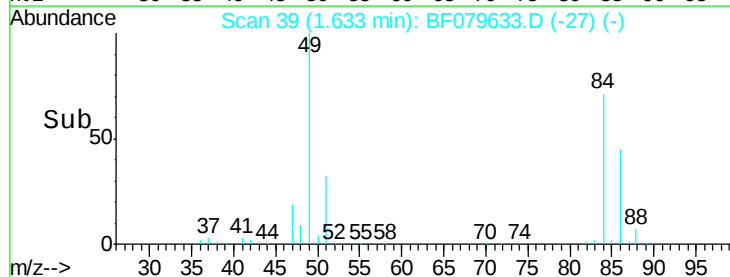
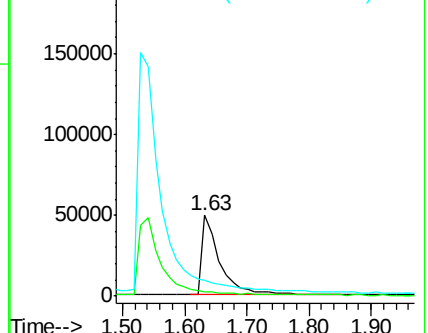
43 0.0 0.0 0.0

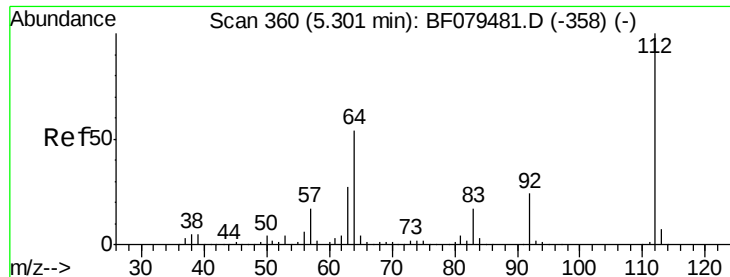


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 114.43 ng

RT: 5.16 min Scan# 348

Delta R.T. -0.00 min

Lab File: BF079633.D

Acq: 31 May 2015 15:17

Instrument :

BNA_F

ClientSampleId :

DB-3(5-15)

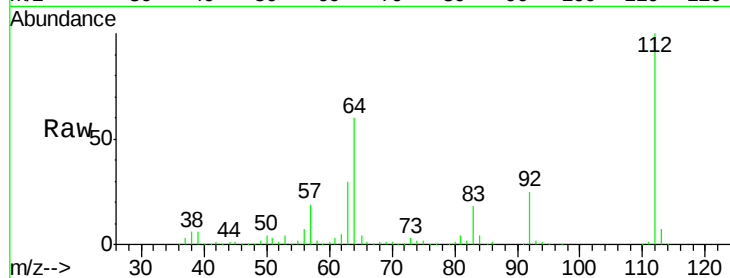
Tgt Ion: 112 Resp: 380253

Ion Ratio Lower Upper

112 100

64 59.7 43.5 65.3

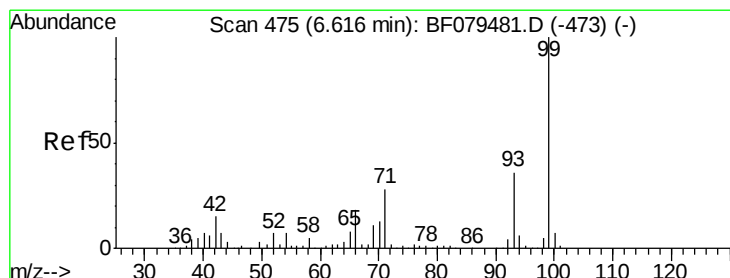
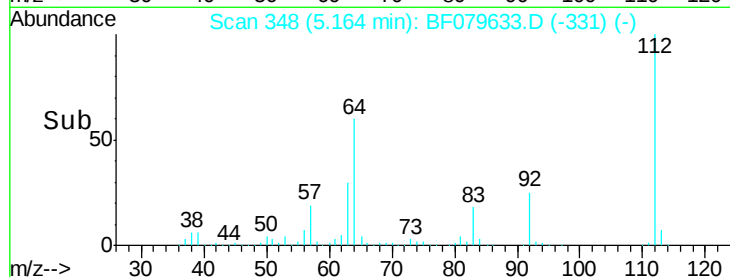
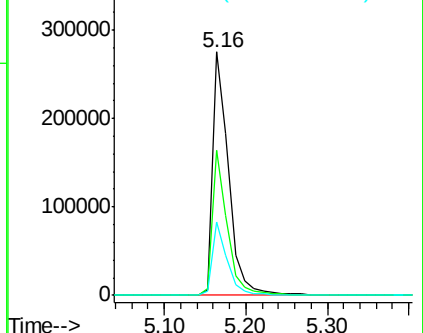
63 30.4 21.8 32.8



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: 116.66 ng

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079633.D

Acq: 31 May 2015 15:17

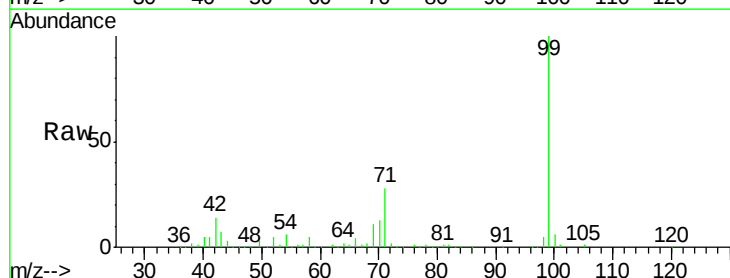
Tgt Ion: 99 Resp: 494149

Ion Ratio Lower Upper

99 100

42 14.4 11.9 17.9

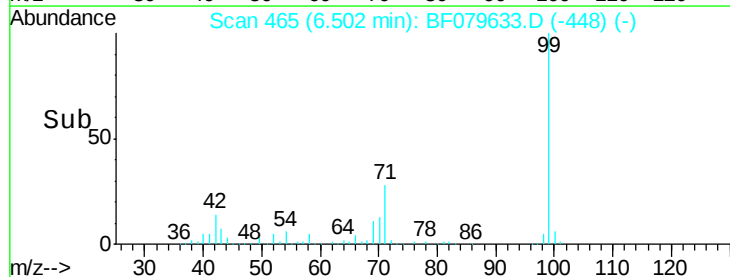
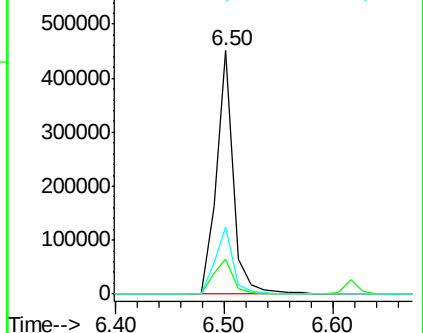
71 27.7 22.1 33.1



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

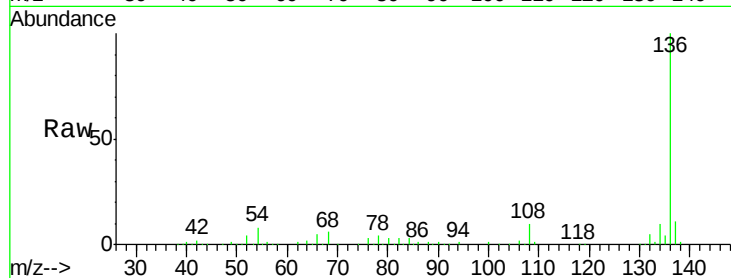




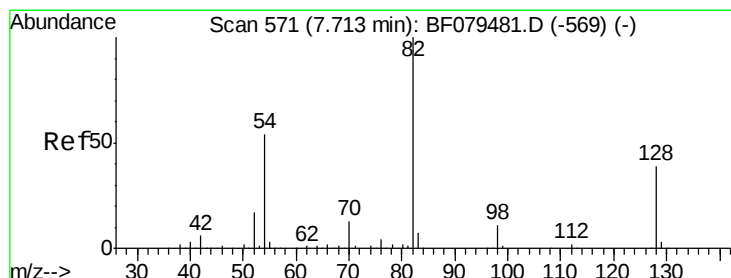
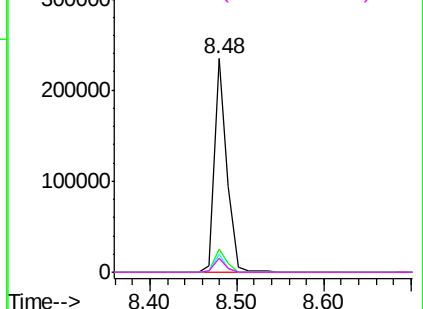
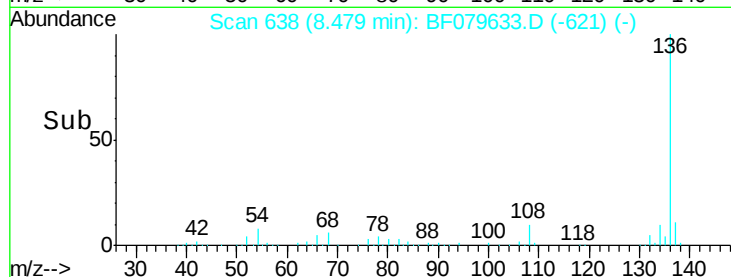
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.48 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF079633.D
Acq: 31 May 2015 15:17

Instrument :
BNA_F
ClientSampleId :
DB-3(5-15)

Tgt Ion:	136	Resp:	238434
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.3	6.6	9.8
68	6.4	4.7	7.1

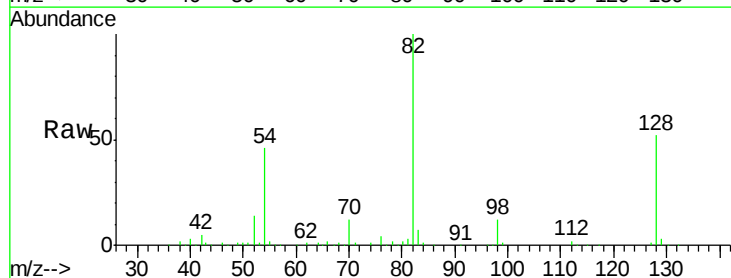


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

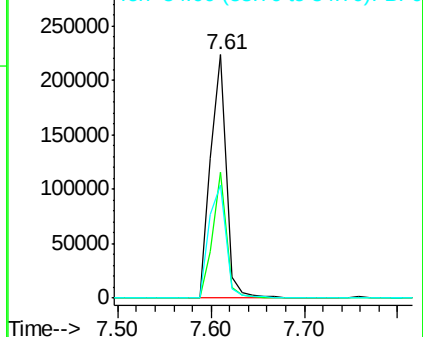
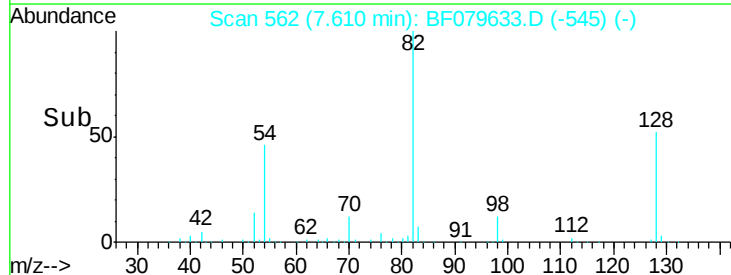


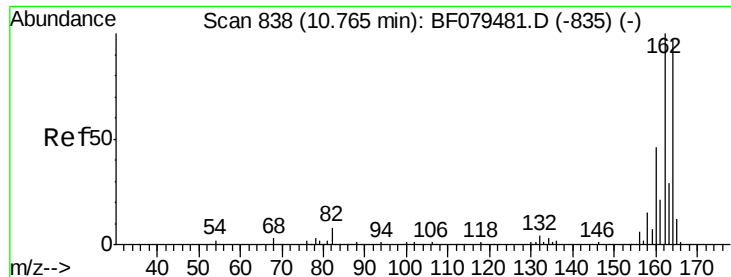
#23
Nitrobenzene-d5
Concen: 64.30 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079633.D
Acq: 31 May 2015 15:17

Tgt Ion:	82	Resp:	265203
Ion	Ratio	Lower	Upper
82	100		
128	51.7	30.8	46.2#
54	46.3	42.8	64.2



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

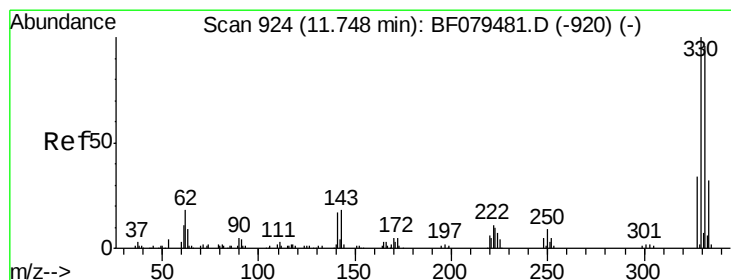
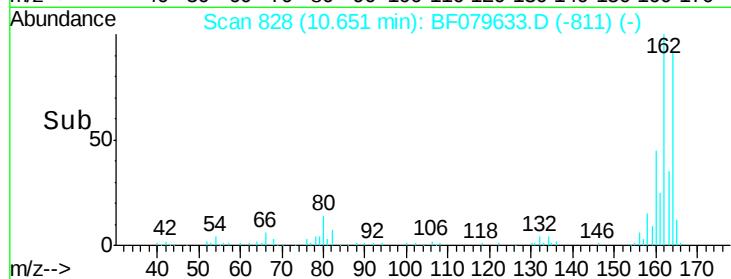
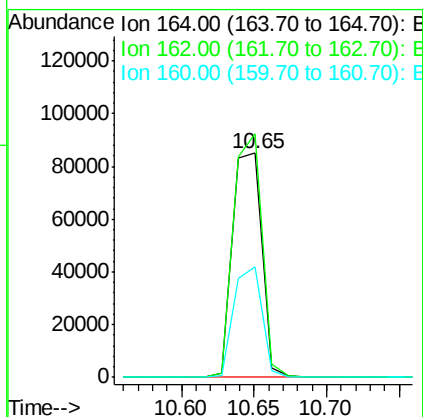
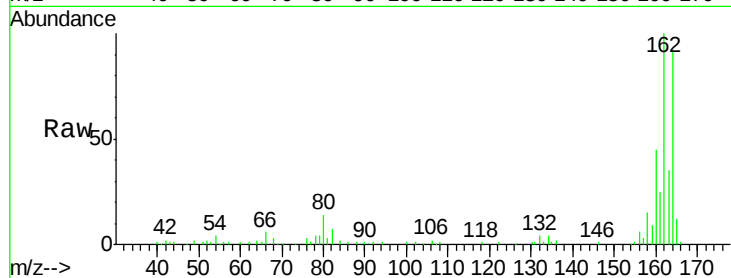




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF079633.D
 Acq: 31 May 2015 15:17

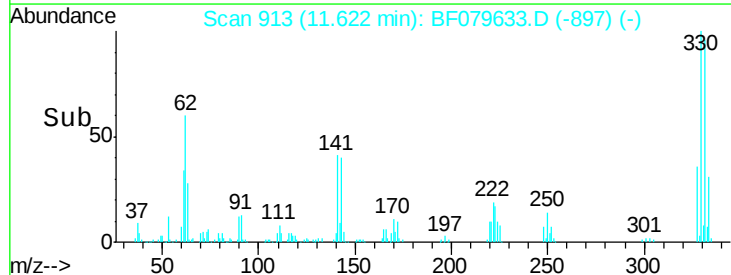
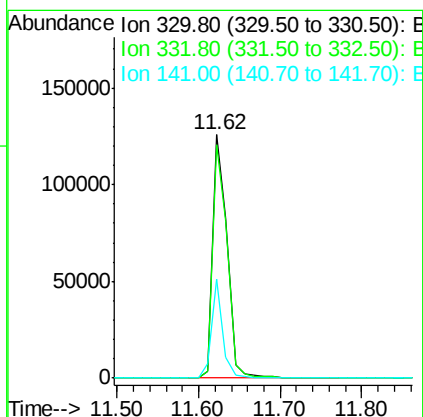
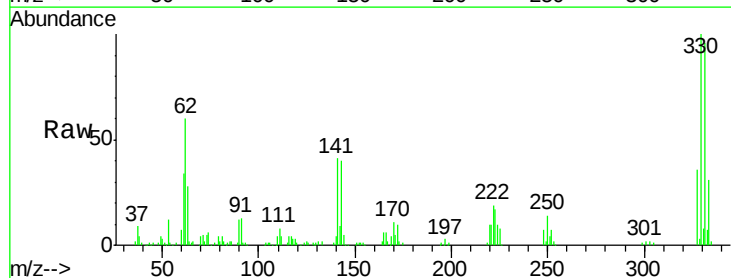
Instrument :
 BNA_F
 ClientSampleId :
 DB-3(5-15)

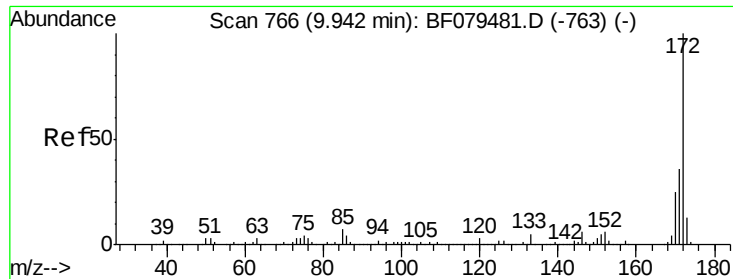
Tgt Ion:164 Resp: 119489
 Ion Ratio Lower Upper
 164 100
 162 108.8 82.6 124.0
 160 49.1 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 118.38 ng
 RT: 11.62 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF079633.D
 Acq: 31 May 2015 15:17

Tgt Ion:330 Resp: 155372
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 32.0 0.0 0.0#

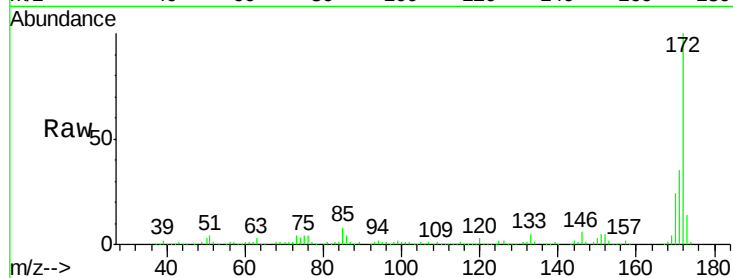




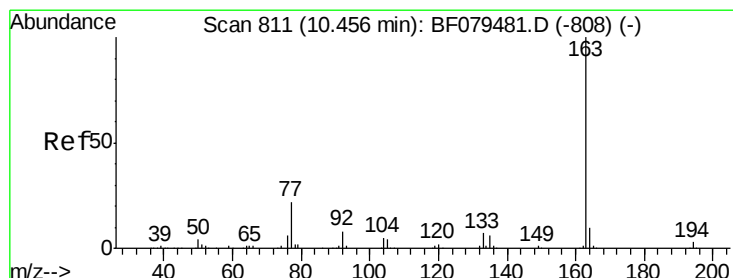
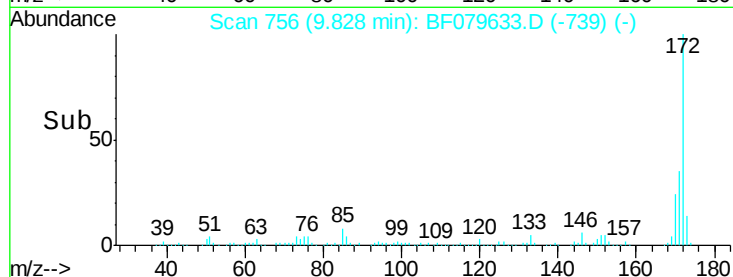
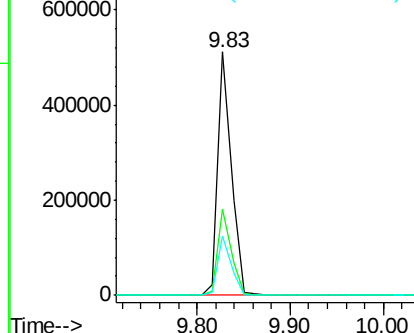
#44
 2-Fluorobiphenyl
 Concen: 61.49 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079633.D
 Acq: 31 May 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-3(5-15)

Tgt Ion:172 Resp: 515030
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.2 19.7 29.5

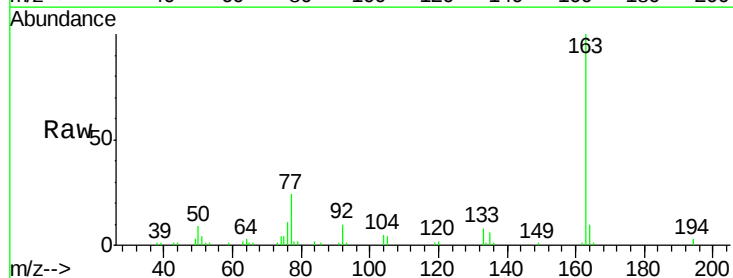


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

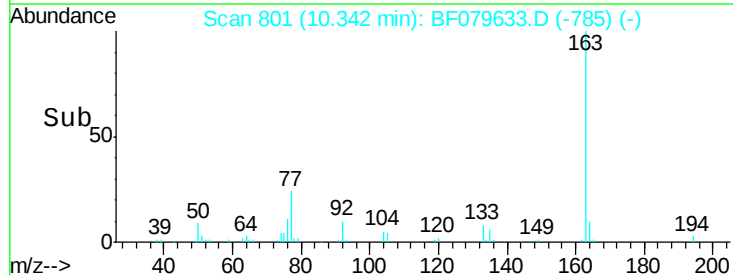
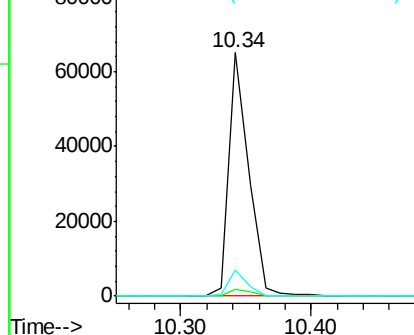


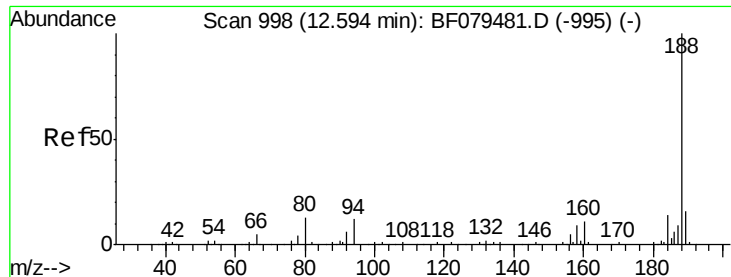
#49
 Dimethylphthalate
 Concen: 7.84 ng
 RT: 10.34 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF079633.D
 Acq: 31 May 2015 15:17

Tgt Ion:163 Resp: 69036
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.4 3.6
 164 10.5 8.2 12.4



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

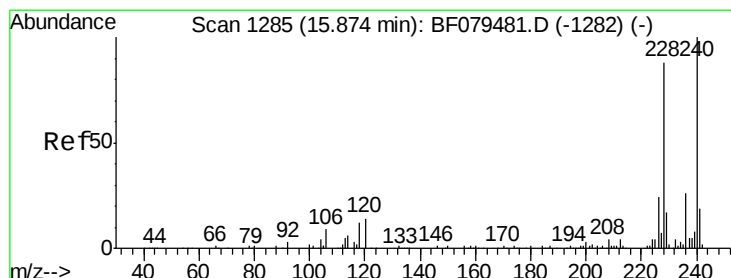
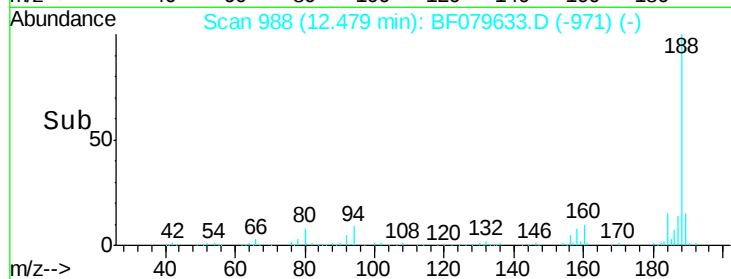
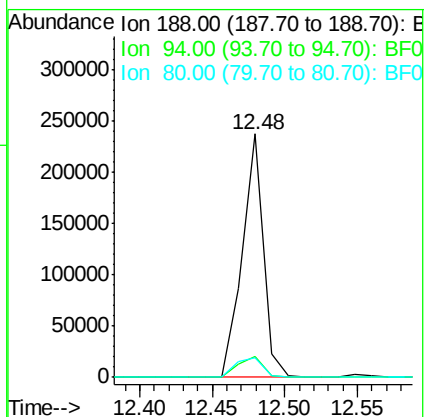
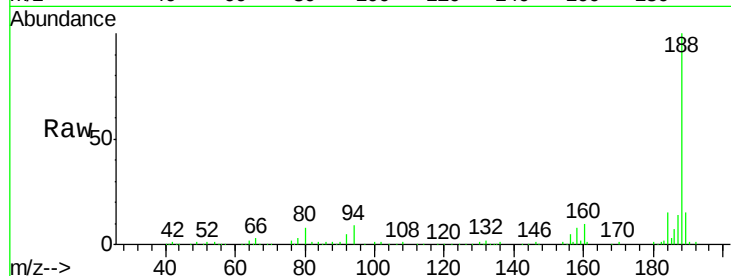




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF079633.D
 Acq: 31 May 2015 15:17

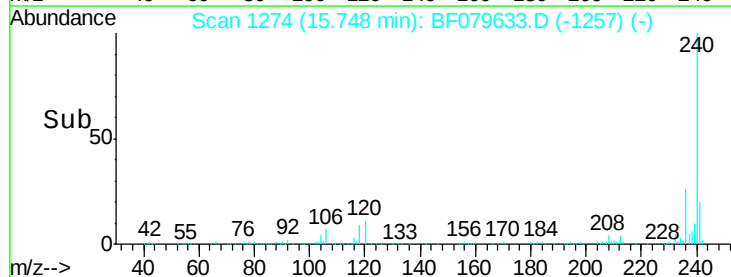
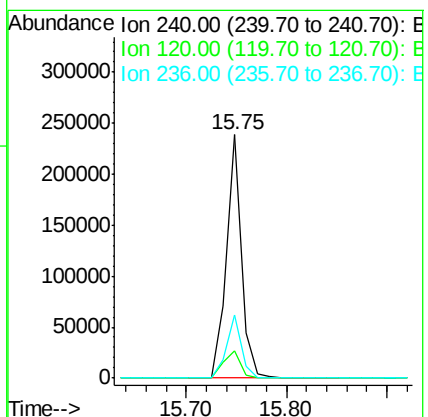
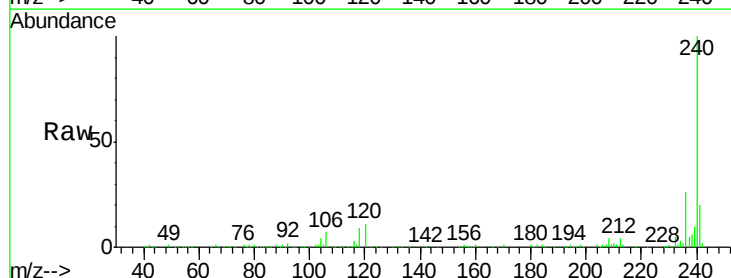
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 DB-3(5-15)

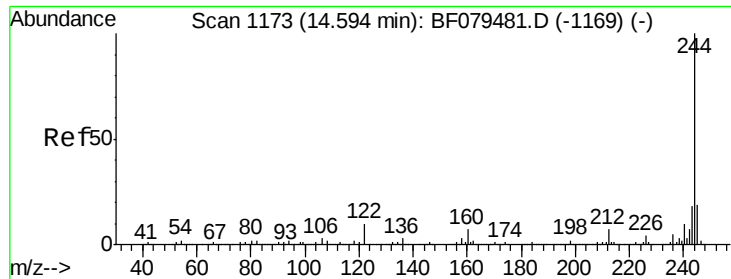
Tgt Ion:188 Resp: 241672
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.8 14.6#
 80 8.2 10.5 15.7#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.75 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF079633.D
 Acq: 31 May 2015 15:17

Tgt Ion:240 Resp: 248289
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.8 16.2
 236 25.8 21.0 31.6

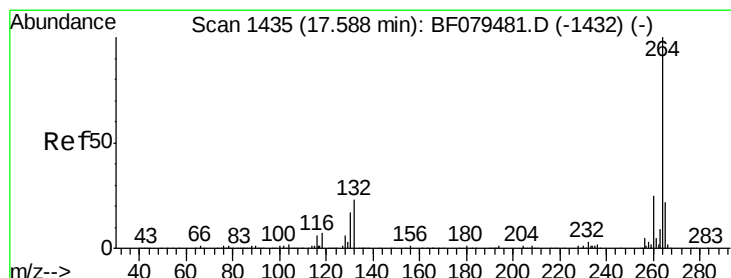
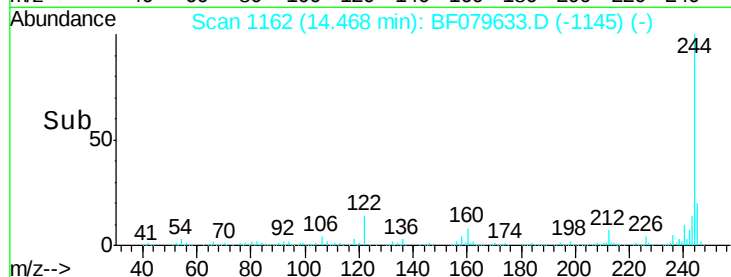
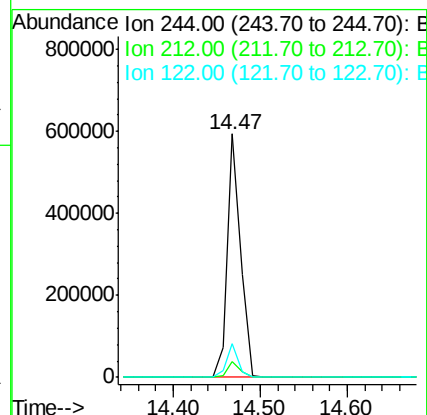
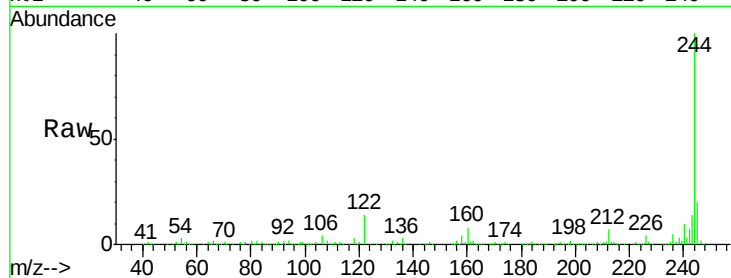




#78
 Terphenyl-d14
 Concen: 60.24 ng
 RT: 14.47 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF079633.D
 Acq: 31 May 2015 15:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-3(5-15)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	13.6	8.0	12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.42 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF079633.D
 Acq: 31 May 2015 15:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.8	17.8	26.6

