

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079562.D
 Acq On : 29 May 2015 16:04
 Operator : TP/IZ
 Sample : PB83625TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83625TB

Quant Time: May 29 23:36:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

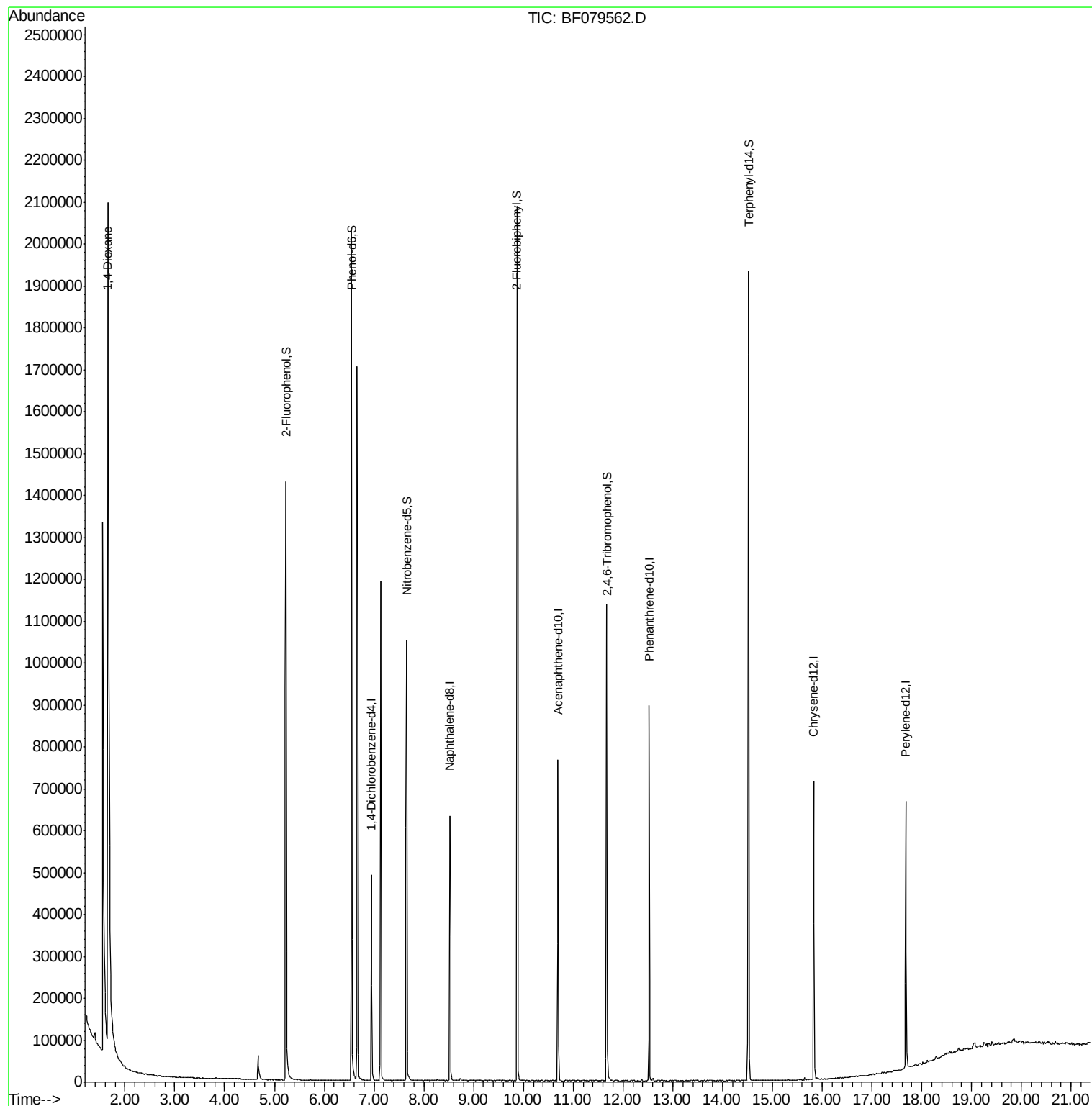
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88489	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	359044	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	178648	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	345418	20.00	ng	0.00
75) Chrysene-d12	15.83	240	311637	20.00	ng	-0.05
86) Perylene-d12	17.68	264	308952	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	599707	117.55	ng	0.00
7) Phenol-d6	6.55	99	745301	114.61	ng	0.00
23) Nitrobenzene-d5	7.66	82	426398	68.65	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	236887	120.72	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	863954	69.00	ng	-0.01
78) Terphenyl-d14	14.53	244	939605	70.76	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.66	88	104398	43.02	ng	# 100
73) Di-n-butylphthalate	13.29	149	399	Below Cal	#	78
89) Benzo(a)pyrene	17.61	252	2152	Below Cal	#	87
90) Dibenzo(a,h)anthracene	19.06	278	6521	Below Cal	#	85
91) Benzo(g,h,i)perylene	19.42	276	6402	Below Cal	#	98

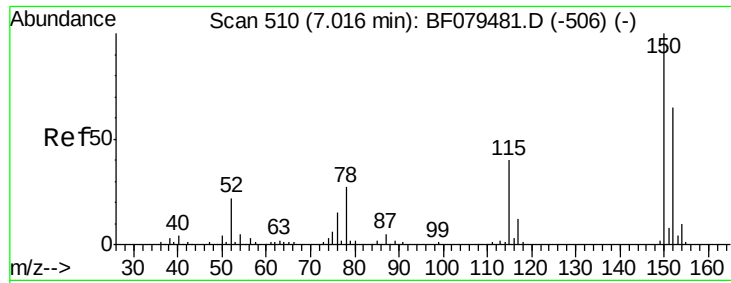
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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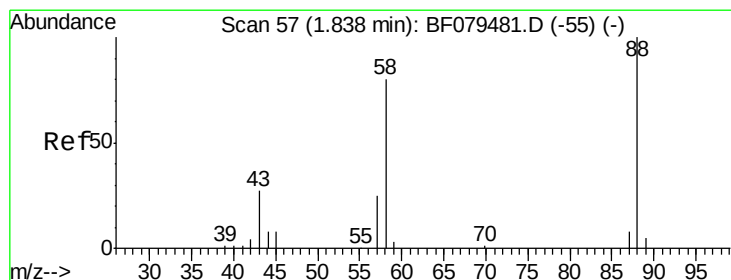
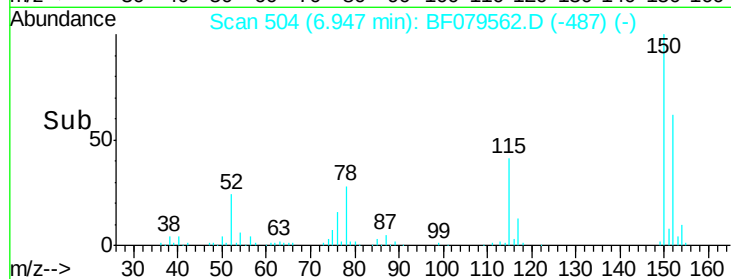
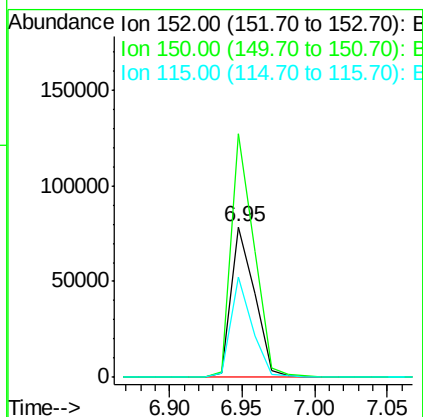
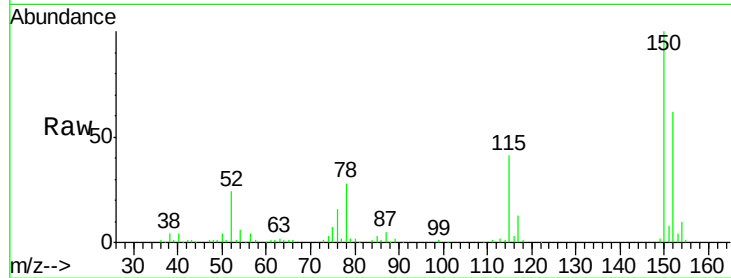


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079562.D
Acq: 29 May 2015 16:04

Instrument :
BNA_F
ClientSampleId :
PB83625TB

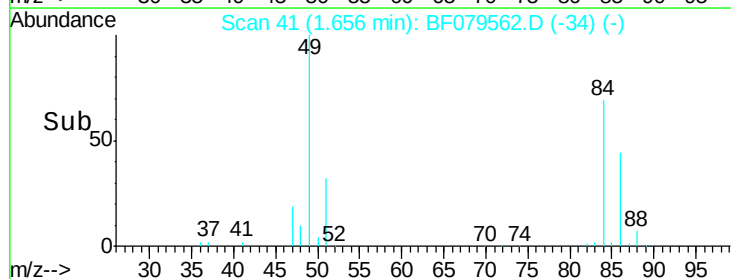
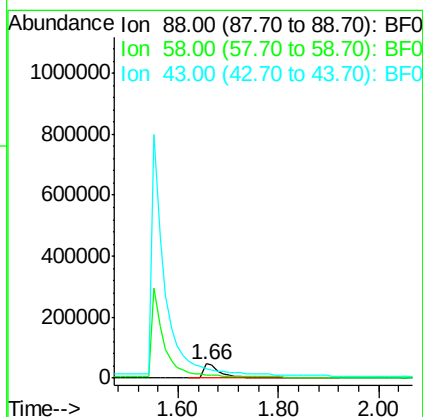
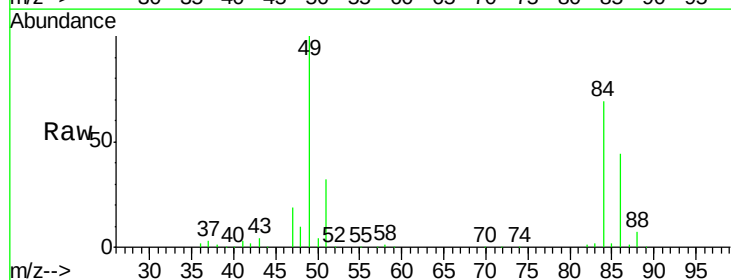
Tgt Ion:152 Resp: 88489
Ion Ratio Lower Upper
152 100
150 162.1 124.0 186.0
115 67.0 49.6 74.4

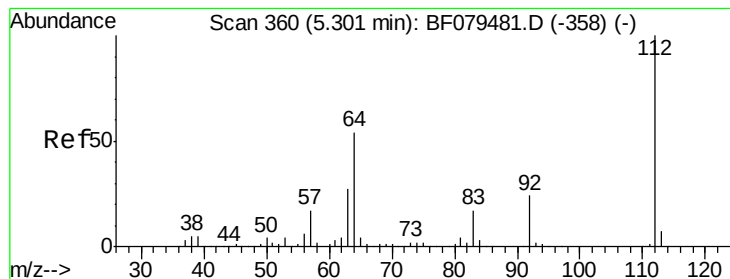


#2

1,4-Dioxane
Concen: 43.02 ng
RT: 1.66 min Scan# 41
Delta R.T. -0.11 min
Lab File: BF079562.D
Acq: 29 May 2015 16:04

Tgt Ion: 88 Resp: 104398
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 0.0 0.0

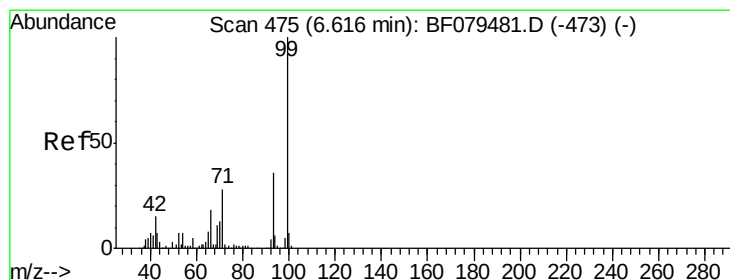
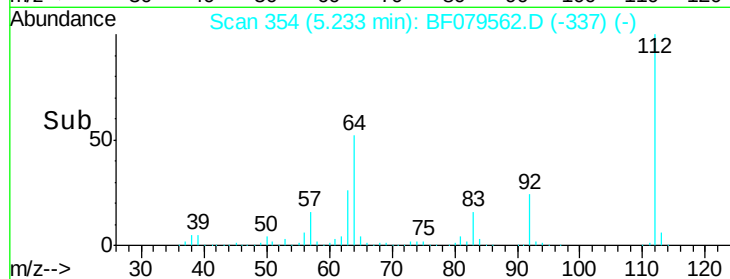
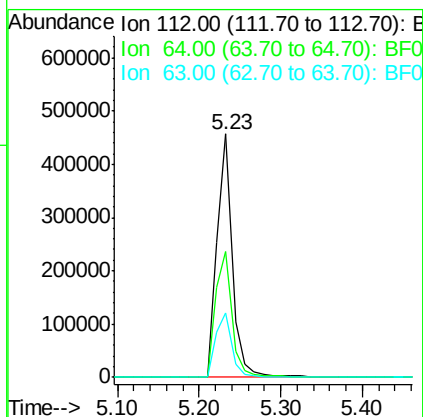
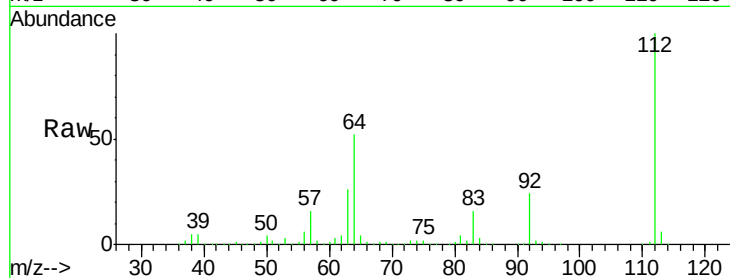




#5
 2-Fluorophenol
 Concen: 117.55 ng
 RT: 5.23 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

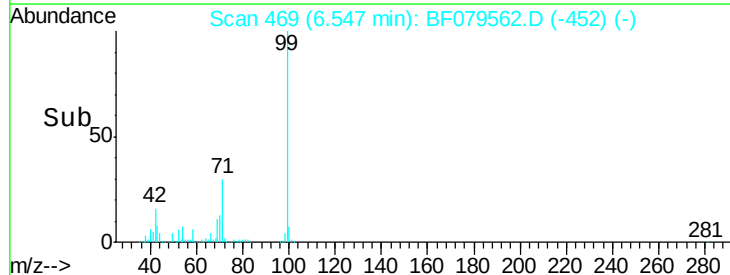
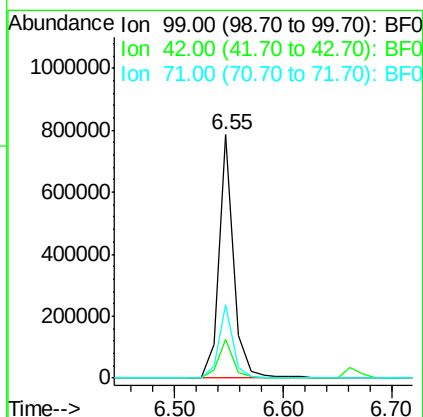
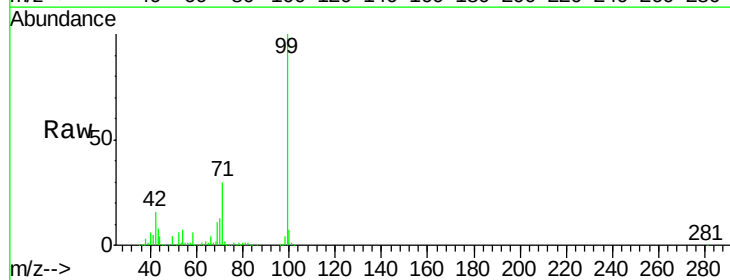
Instrument :
 BNA_F
 ClientSampleId :
 PB83625TB

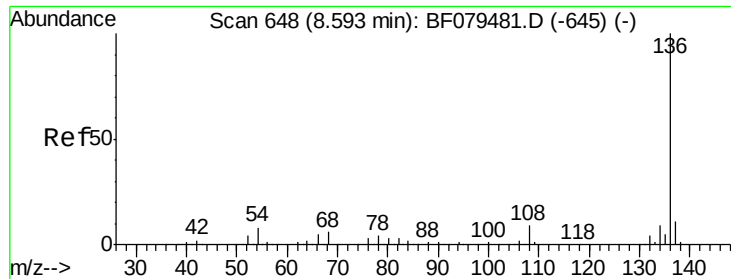
Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	43.5	65.3
63	26.4	21.8	32.8



#7
 Phenol-d6
 Concen: 114.61 ng
 RT: 6.55 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.9	17.9
71	30.4	22.1	33.1

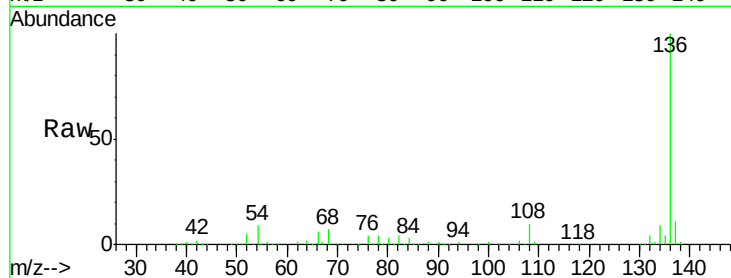




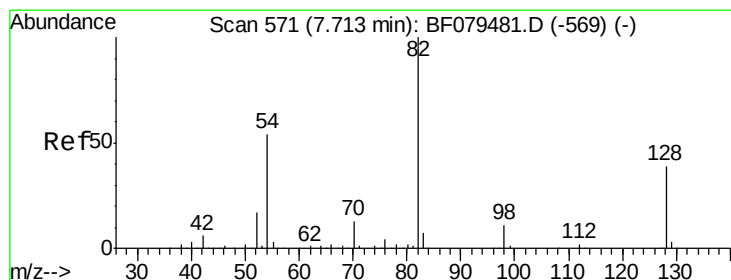
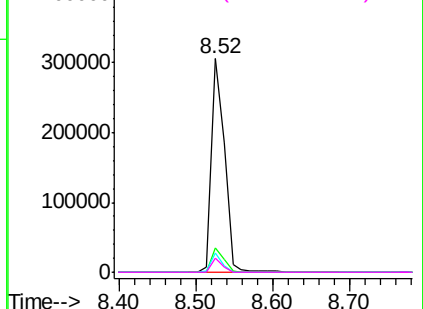
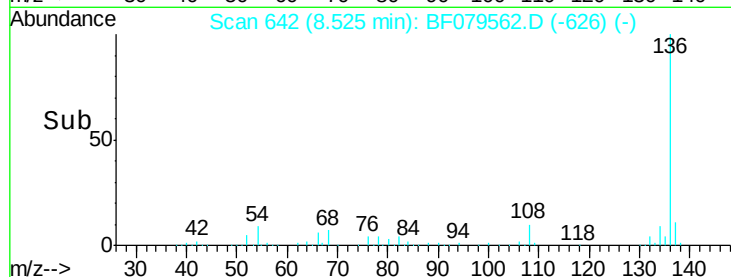
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079562.D
Acq: 29 May 2015 16:04

Instrument :
BNA_F
ClientSampleId :
PB83625TB

Tgt Ion:	136	Resp:	359044
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	9.3	6.6	9.8
68	6.9	4.7	7.1

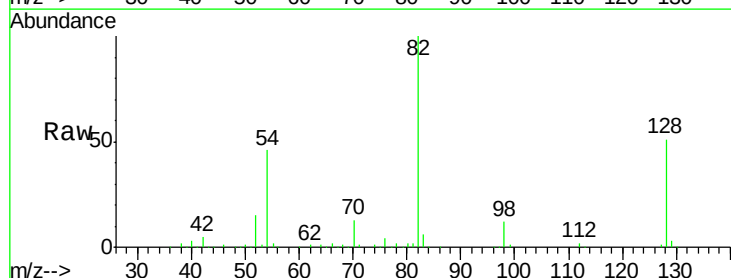


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

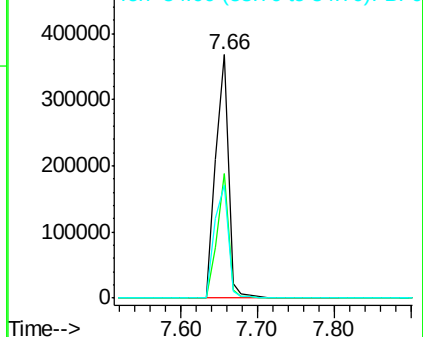
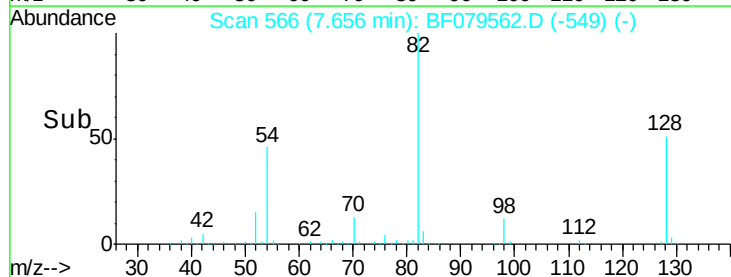


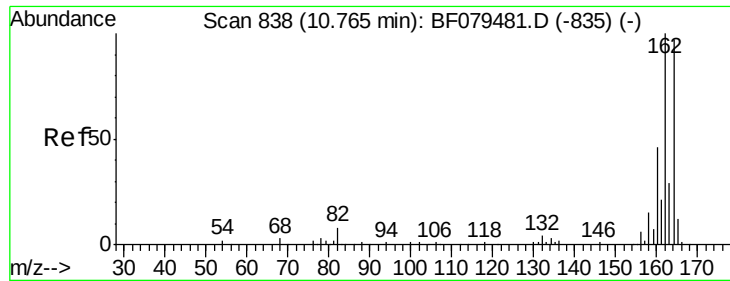
#23
Nitrobenzene-d5
Concen: 68.65 ng
RT: 7.66 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF079562.D
Acq: 29 May 2015 16:04

Tgt Ion:	82	Resp:	426398
Ion	Ratio	Lower	Upper
82	100		
128	51.1	30.8	46.2#
54	46.2	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

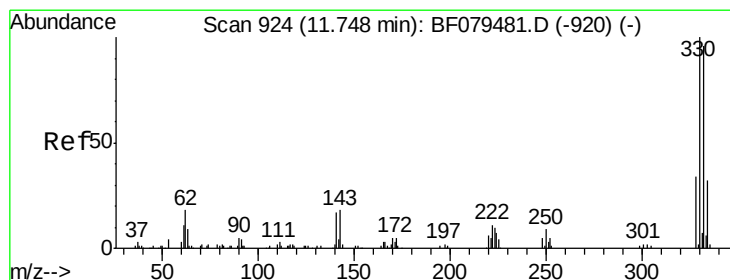
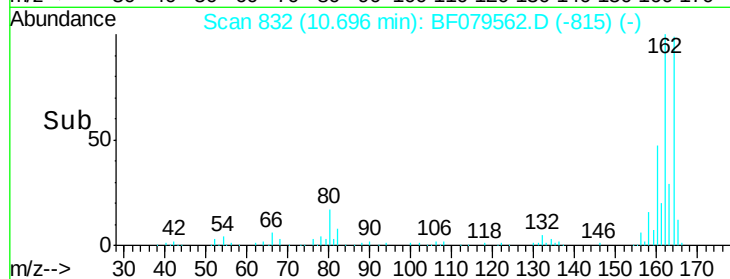
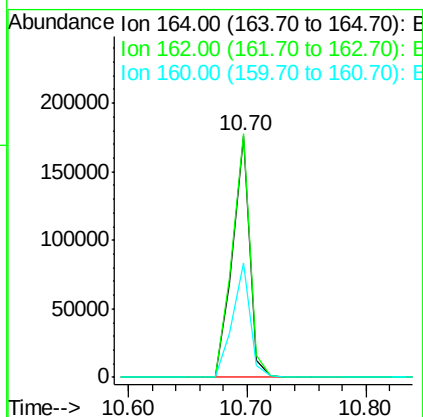
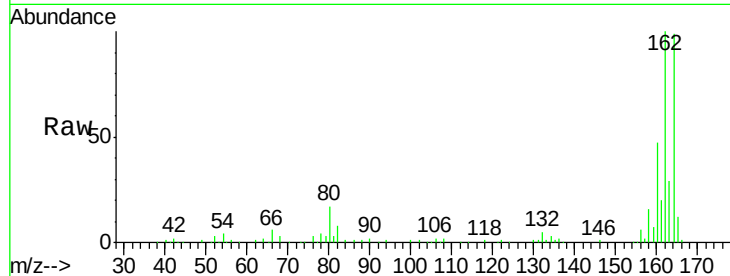




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

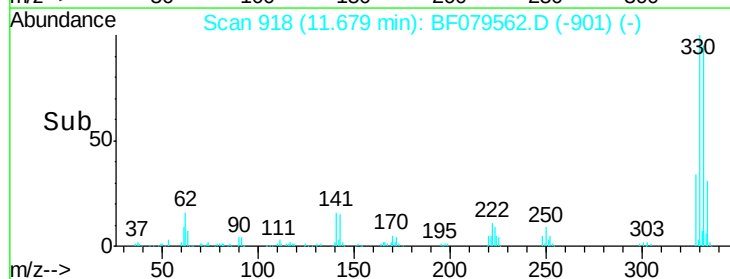
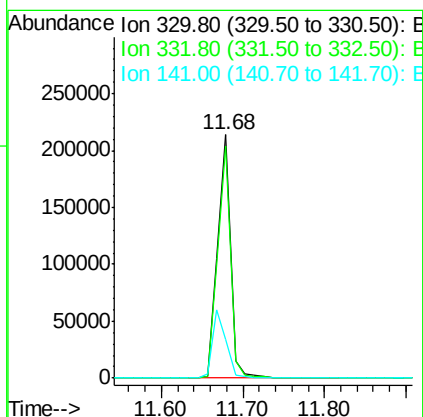
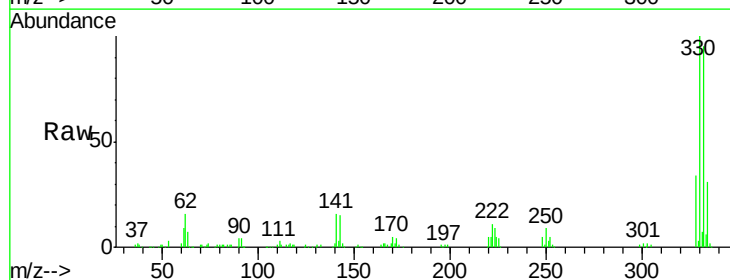
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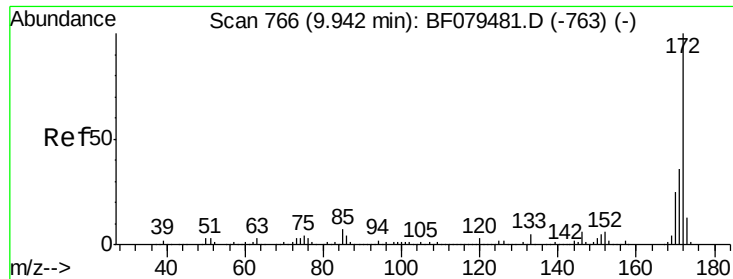
Tgt Ion:164 Resp: 178648
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 124.0
 160 47.4 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 120.72 ng
 RT: 11.68 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Tgt Ion:330 Resp: 236887
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 29.5 0.0 0.0#

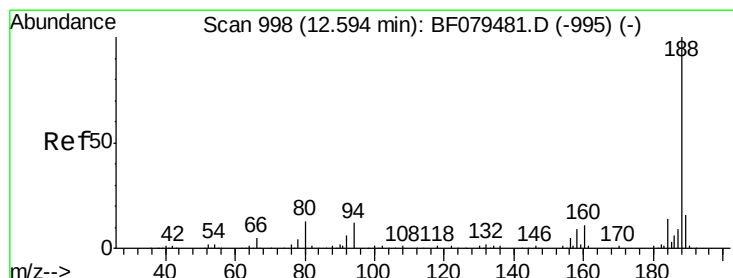
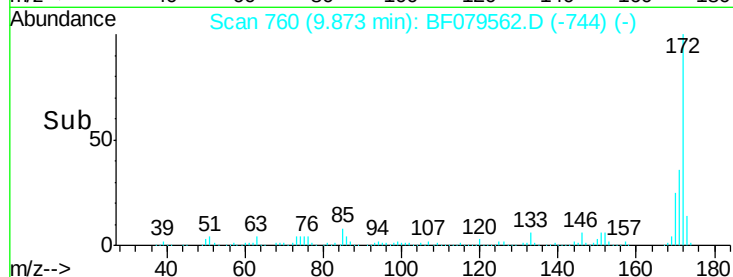
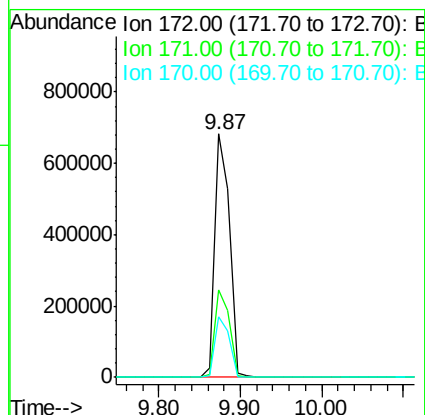
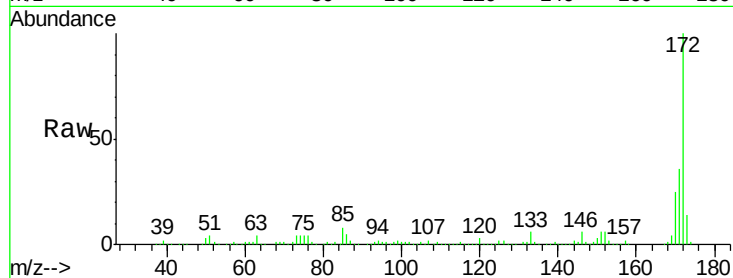




#44
 2-Fluorobiphenyl
 Concen: 69.00 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

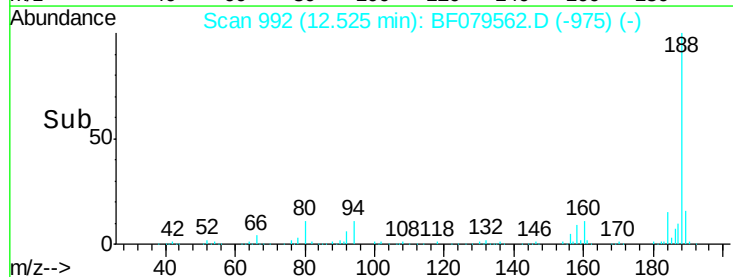
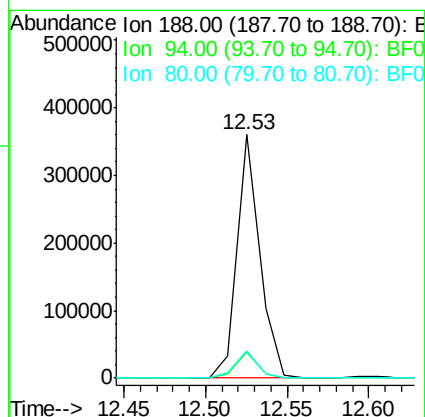
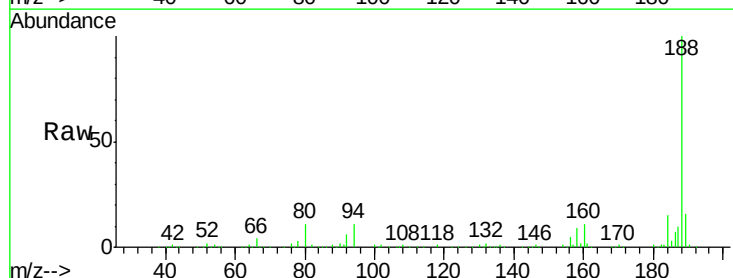
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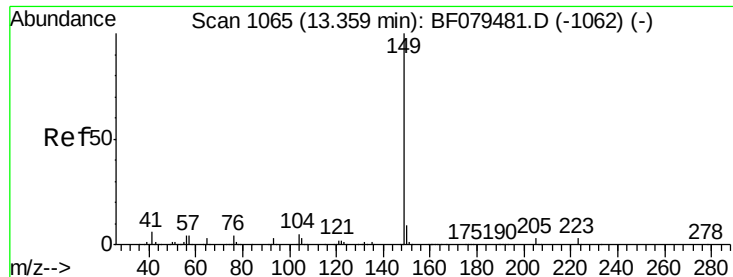
Tgt Ion:172 Resp: 863954
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.7 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Tgt Ion:188 Resp: 345418
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.8 14.6
 80 11.2 10.5 15.7





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF079562.D

Acq: 29 May 2015 16:04

Instrument :

BNA_F

ClientSampleId :

PB83625TB

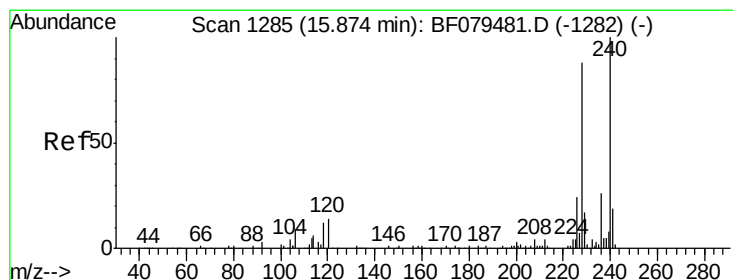
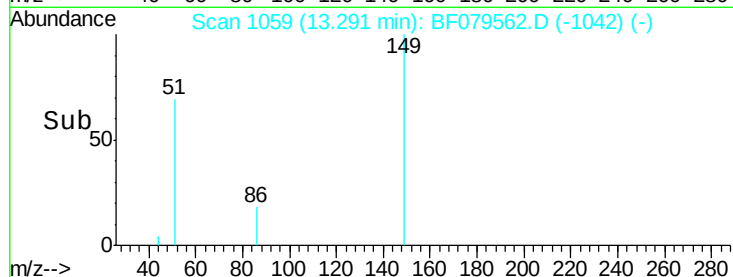
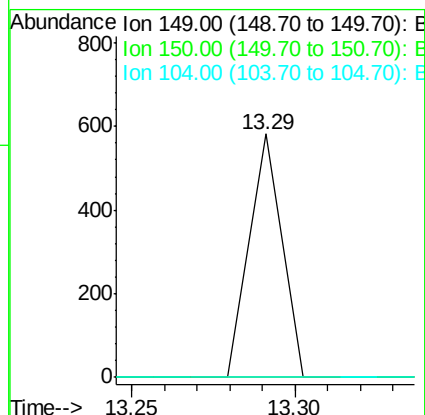
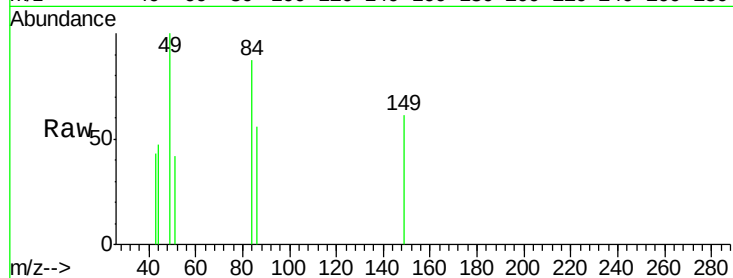
Tgt Ion:149 Resp: 399

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.6 5.4#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.83 min Scan# 1281

Delta R.T. -0.05 min

Lab File: BF079562.D

Acq: 29 May 2015 16:04

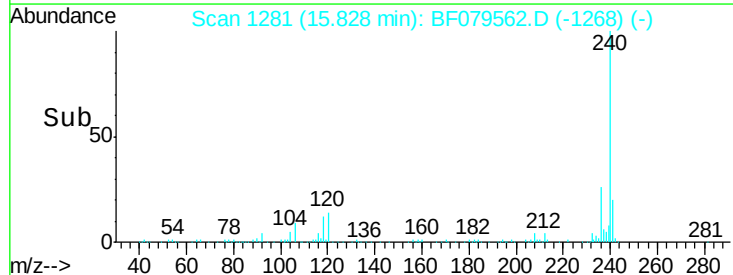
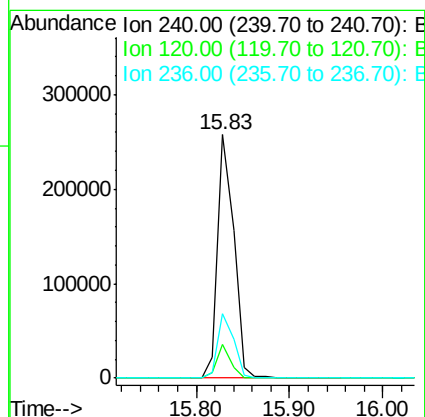
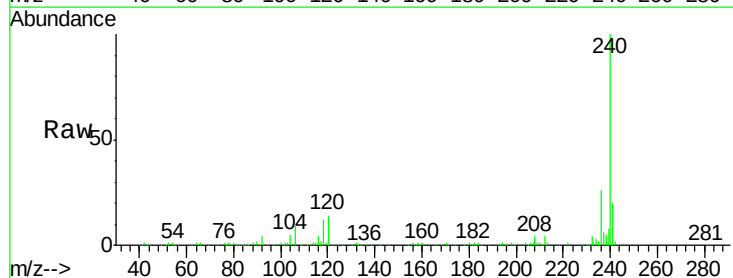
Tgt Ion:240 Resp: 311637

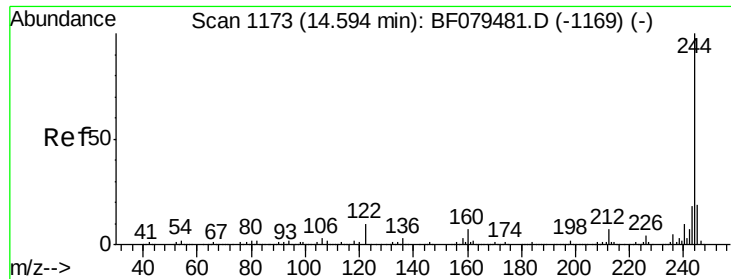
Ion Ratio Lower Upper

240 100

120 14.0 10.8 16.2

236 26.3 21.0 31.6

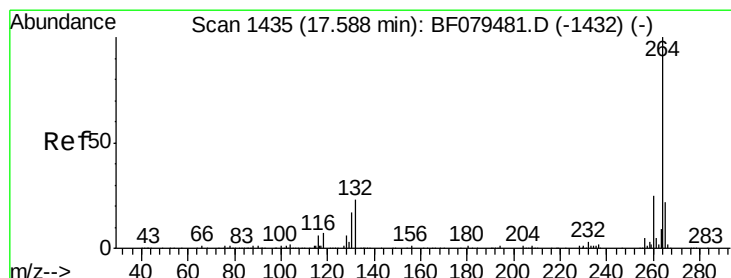
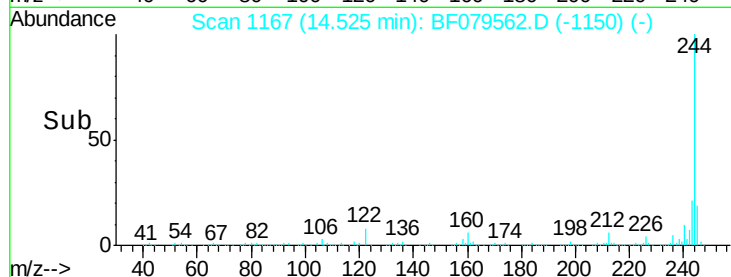
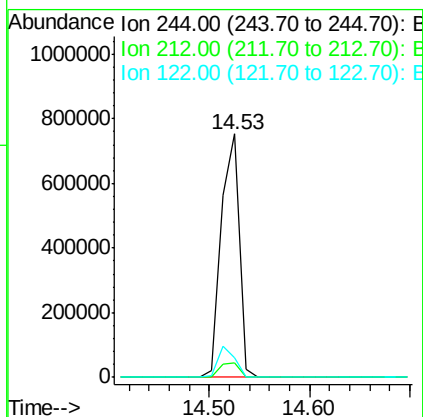
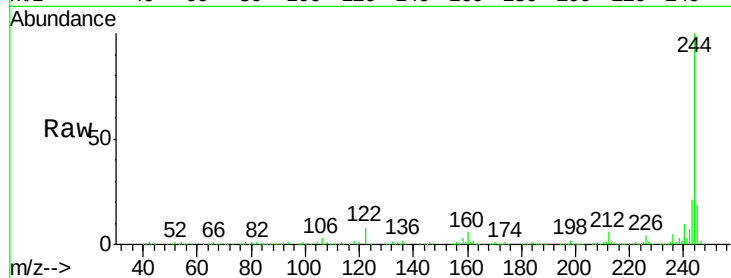




#78
 Terphenyl-d14
 Concen: 70.76 ng
 RT: 14.53 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	8.1	8.0	12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1443
 Delta R.T. -0.13 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.1	17.8	26.6

