

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079618.D
 Acq On : 30 May 2015 22:35
 Operator : TP/IZ
 Sample : G2416-26 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.4(6)

Quant Time: May 31 05:50:50 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 17:35:14 2015
 Response via : Initial Calibration

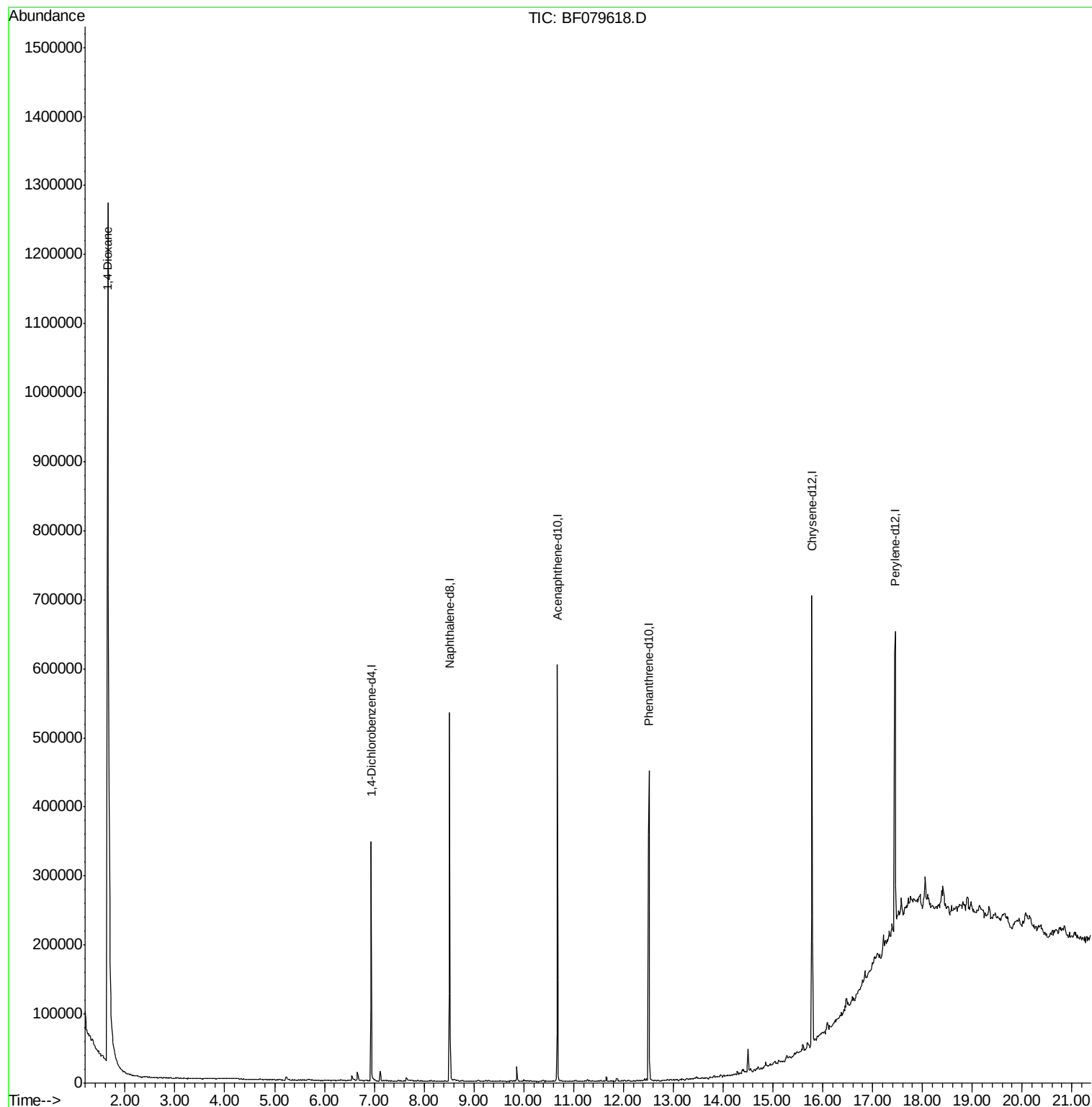
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	63129	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	262267	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	123271	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	237430	20.00	ng	-0.02
75) Chrysene-d12	15.78	240	254670	20.00	ng	-0.06
86) Perylene-d12	17.45	264	233646	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	4520	1.24	ng	0.00
7) Phenol-d6	6.56	99	6752	1.46	ng	0.00
23) Nitrobenzene-d5	7.64	82	3543	0.78	ng	-0.02
41) 2,4,6-Tribromophenol	11.67	330	1492	1.10	ng	-0.02
44) 2-Fluorobiphenyl	9.86	172	9724	1.13	ng	-0.02
78) Terphenyl-d14	14.50	244	12193	1.12	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.66	88	66582	38.45	ng	# 100
73) Di-n-butylphthalate	13.28	149	217	Below Cal	#	78
89) Benzo(a)pyrene	17.38	252	1115	Below Cal	#	1
90) Dibenzo(a,h)anthracene	18.74	278	1852	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.10	276	2103	Below Cal	#	51

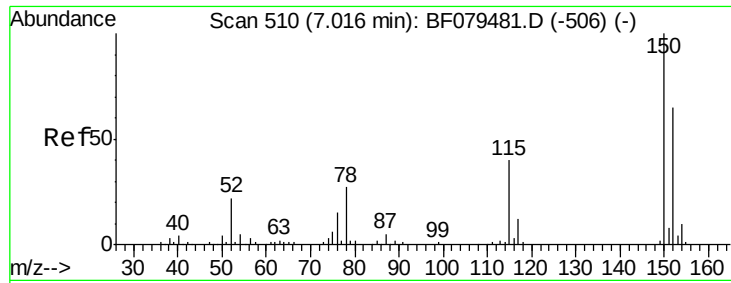
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

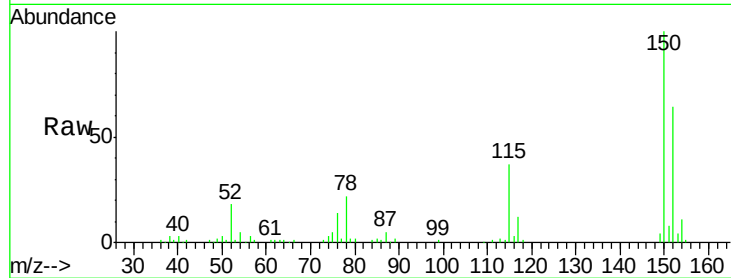
Tgt Ion:152 Resp: 63129

Ion Ratio Lower Upper

152 100

150 155.9 124.0 186.0

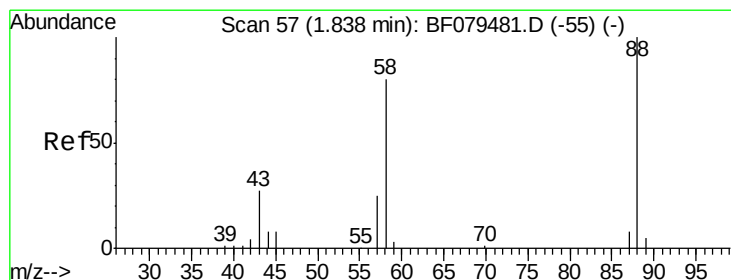
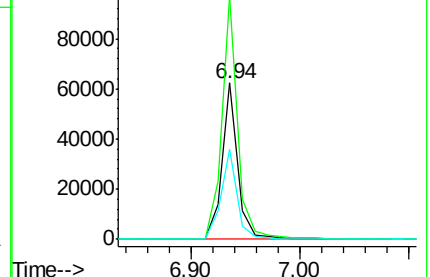
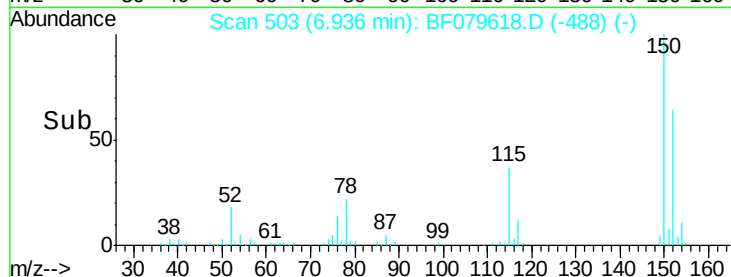
115 57.3 49.6 74.4



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: 38.45 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

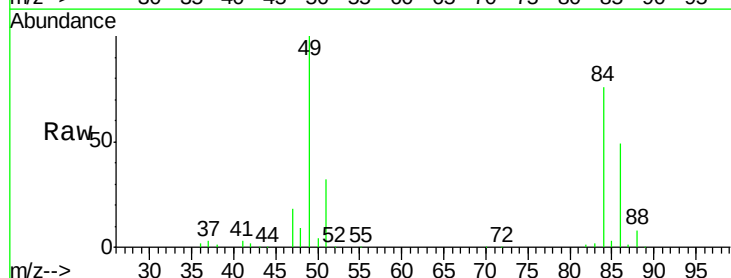
Tgt Ion: 88 Resp: 66582

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

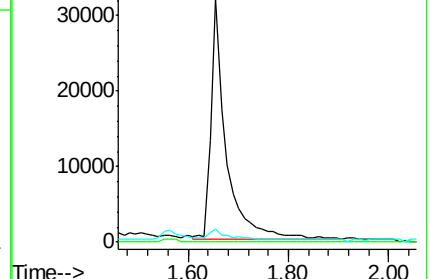
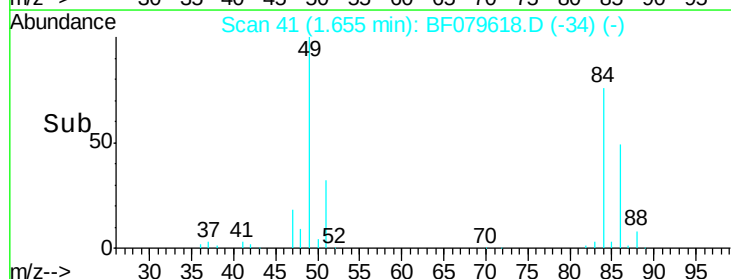
43 5.0 0.0 0.0#

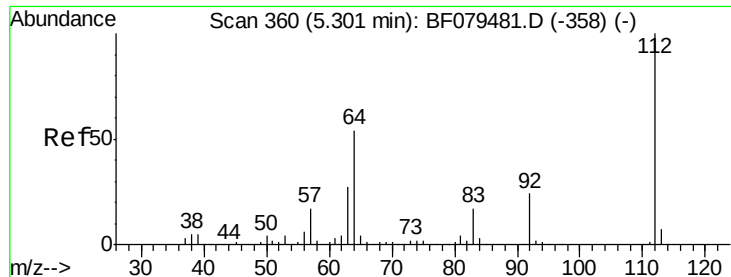


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 1.24 ng

RT: 5.23 min Scan# 354

Delta R.T. 0.00 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

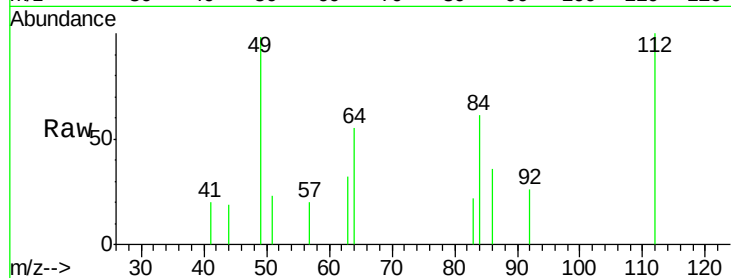
Tgt Ion: 112 Resp: 4520

Ion Ratio Lower Upper

112 100

64 54.6 43.5 65.3

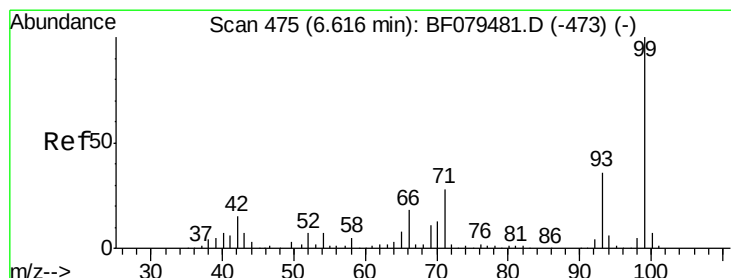
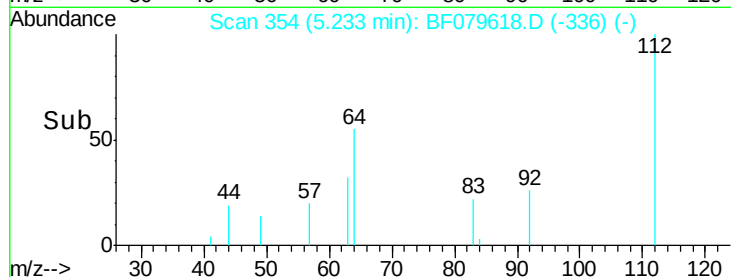
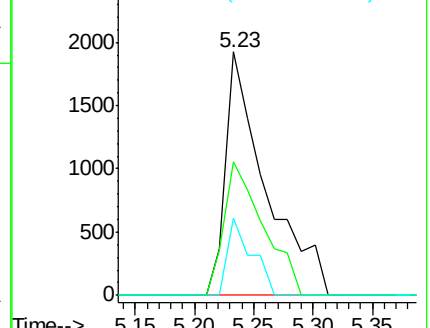
63 31.6 21.8 32.8



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: 1.46 ng

RT: 6.56 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

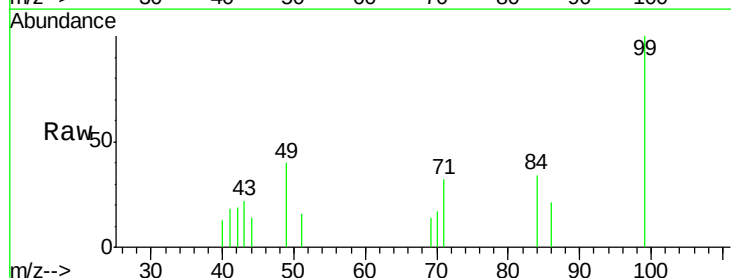
Tgt Ion: 99 Resp: 6752

Ion Ratio Lower Upper

99 100

42 18.5 11.9 17.9#

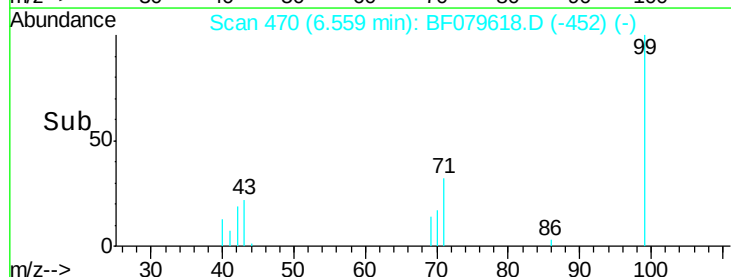
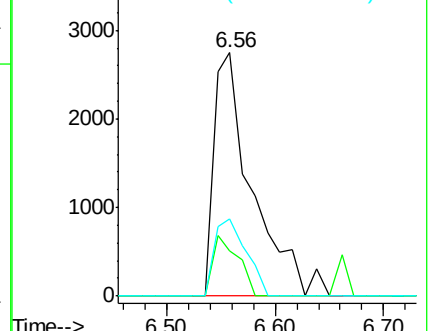
71 31.7 22.1 33.1

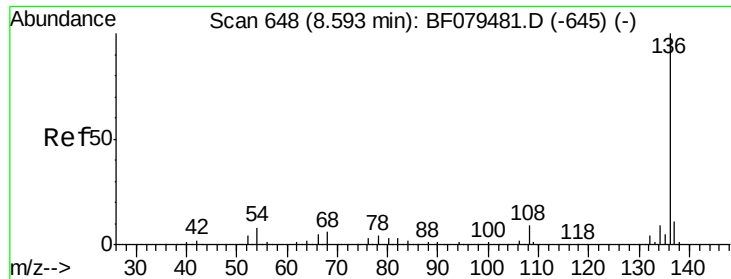


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

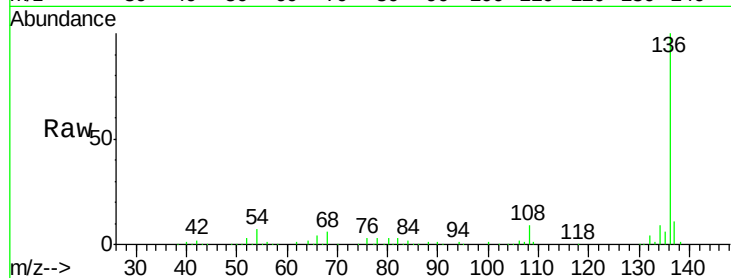




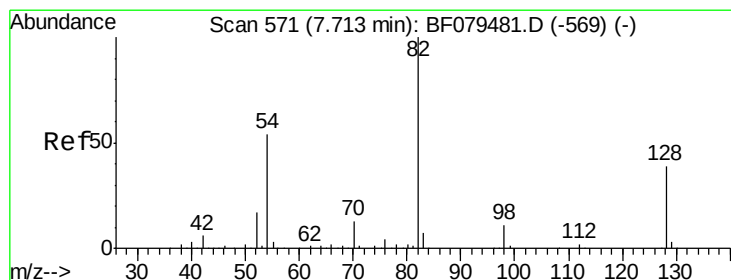
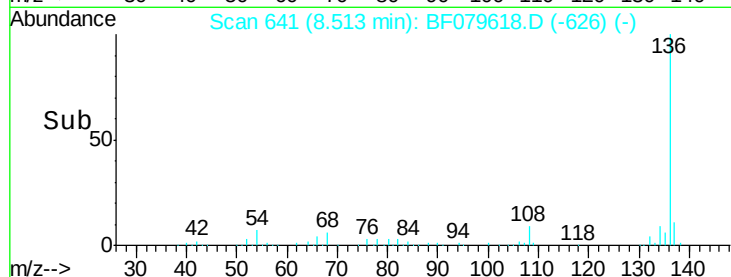
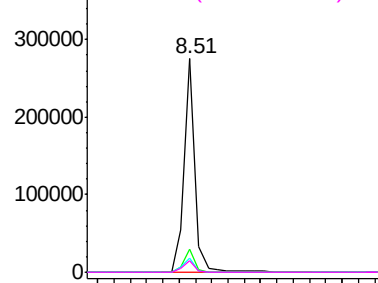
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079618.D
Acq: 30 May 2015 22:35

Instrument :
BNA_F
ClientSampleId :
RAMP440NB-TP5.4(6)

Tgt Ion:	136	Resp:	262267
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.6	6.6	9.8
68	5.6	4.7	7.1

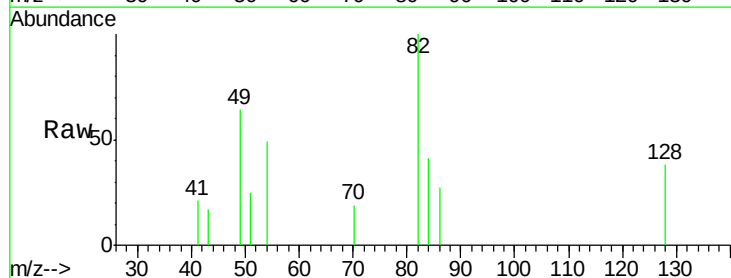


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

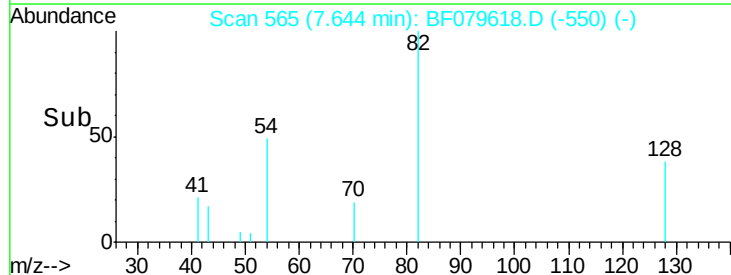
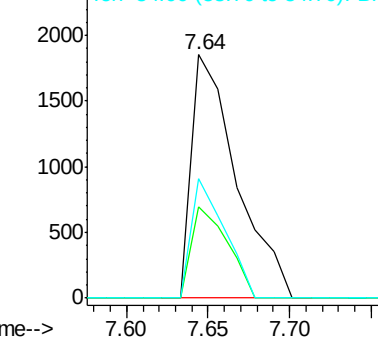


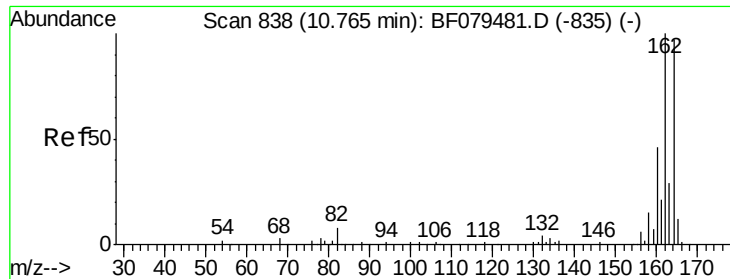
#23
Nitrobenzene-d5
Concen: 0.78 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF079618.D
Acq: 30 May 2015 22:35

Tgt Ion:	82	Resp:	3543
Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.8	46.2
54	49.2	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

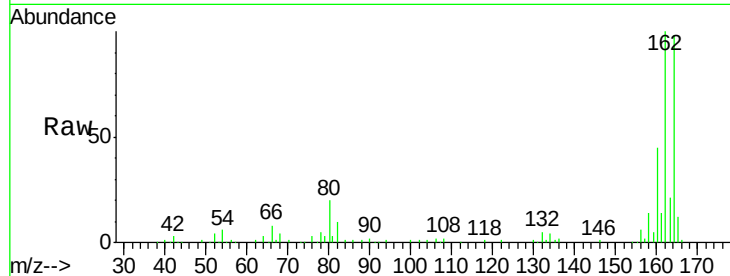




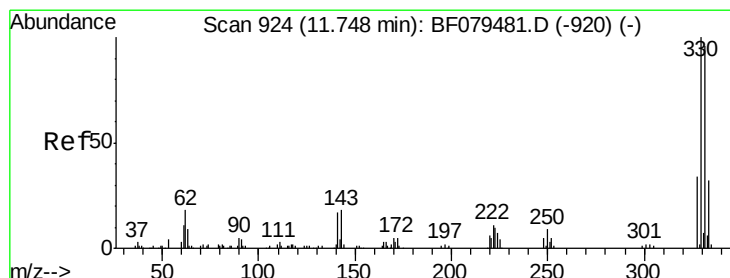
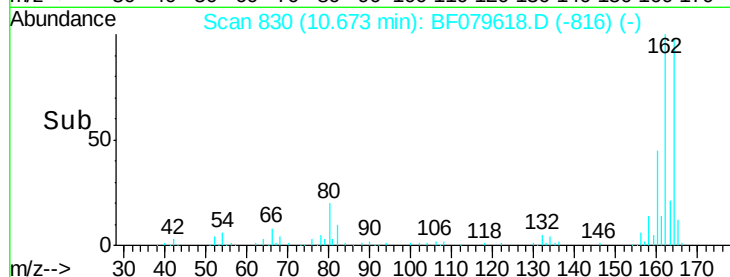
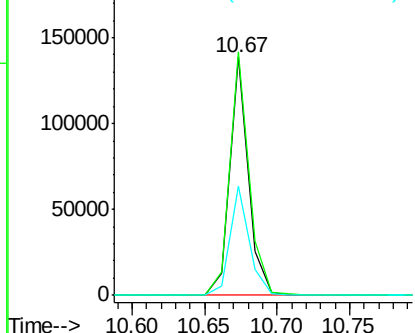
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.4(6)

Tgt Ion:164 Resp: 123271
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 124.0
 160 45.9 37.7 56.5

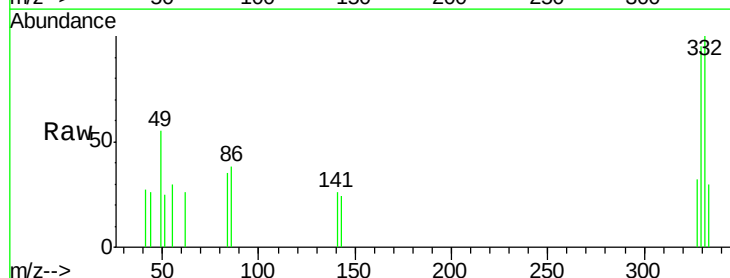


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

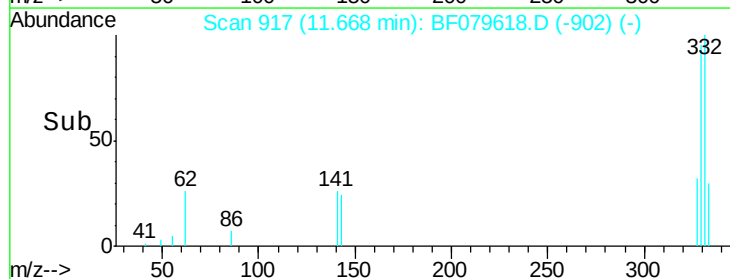
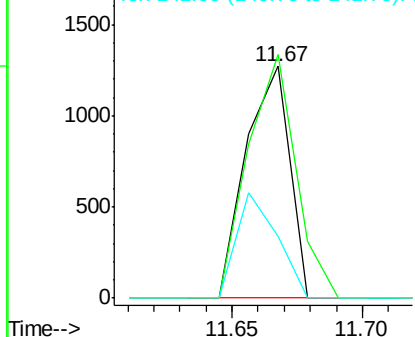


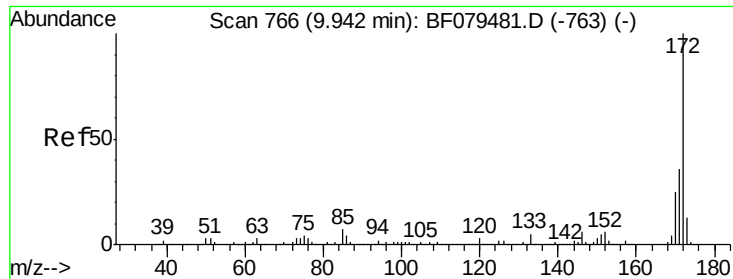
#41
 2,4,6-Tribromophenol
 Concen: 1.10 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

Tgt Ion:330 Resp: 1492
 Ion Ratio Lower Upper
 330 100
 332 114.4 0.0 0.0#
 141 42.4 0.0 0.0#



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

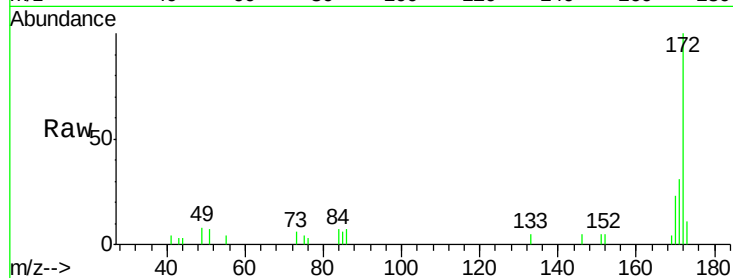




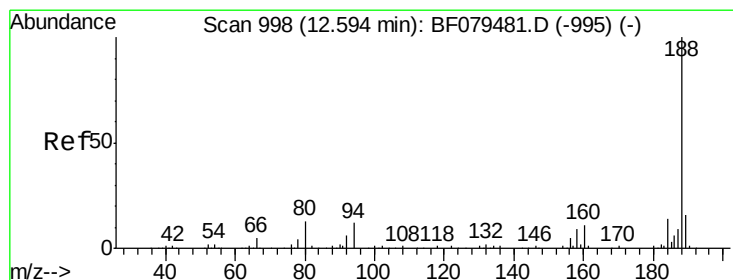
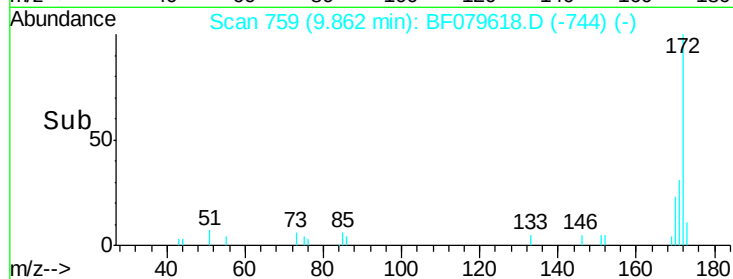
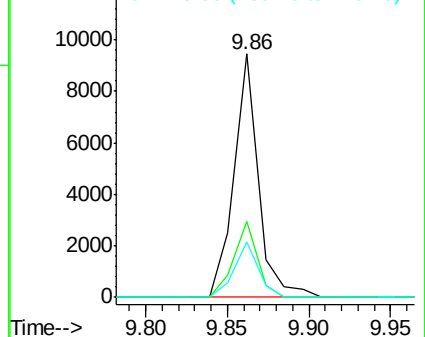
#44
 2-Fluorobiphenyl
 Concen: 1.13 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.4(6)

Tgt Ion:172 Resp: 9724
 Ion Ratio Lower Upper
 172 100
 171 31.1 28.5 42.7
 170 22.7 19.7 29.5

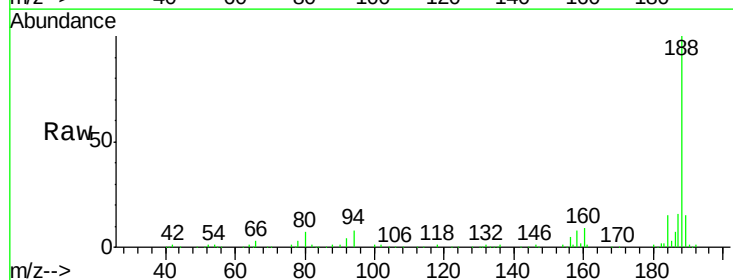


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

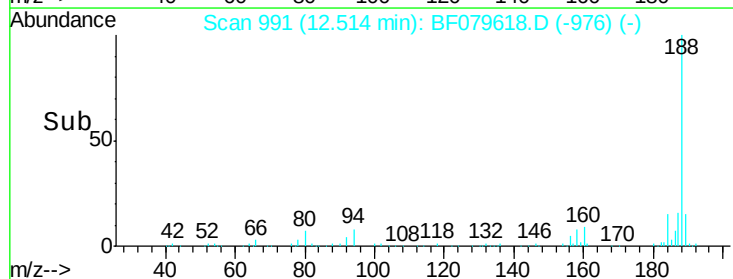
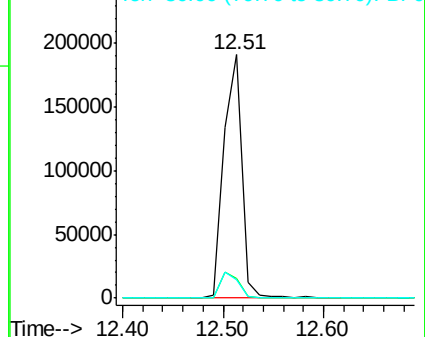


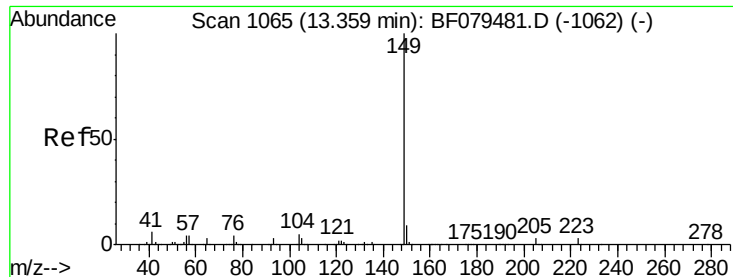
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.51 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

Tgt Ion:188 Resp: 237430
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.8 14.6#
 80 7.4 10.5 15.7#



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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 13.28 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

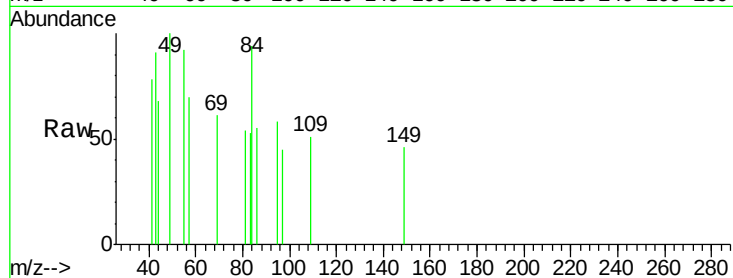
Tgt Ion:149 Resp: 217

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

13.28

300

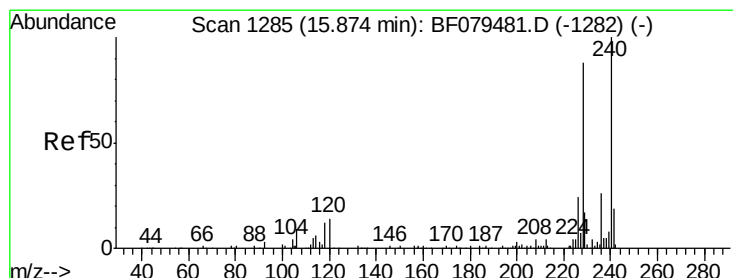
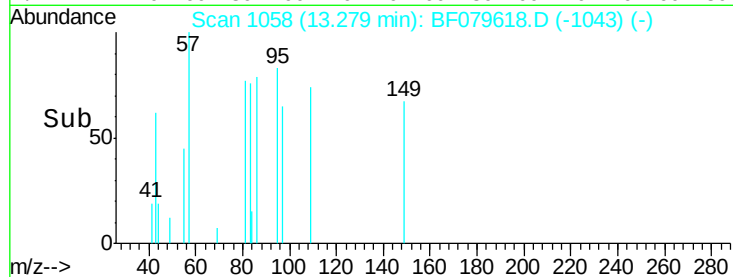
200

100

0

13.25 13.30

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF079618.D

Acq: 30 May 2015 22:35

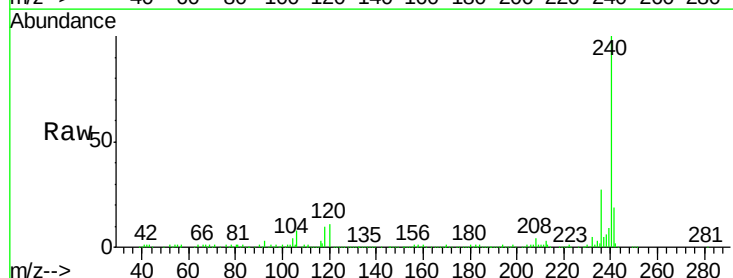
Tgt Ion:240 Resp: 254670

Ion Ratio Lower Upper

240 100

120 11.2 10.8 16.2

236 26.6 21.0 31.6



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

15.78

300000

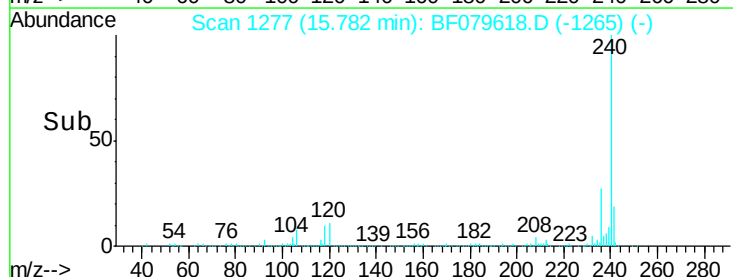
200000

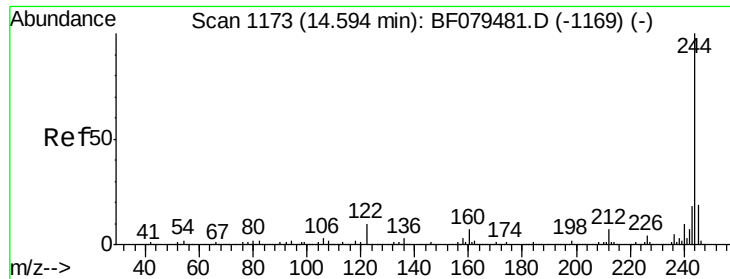
100000

0

15.70 15.80 15.90

Time-->

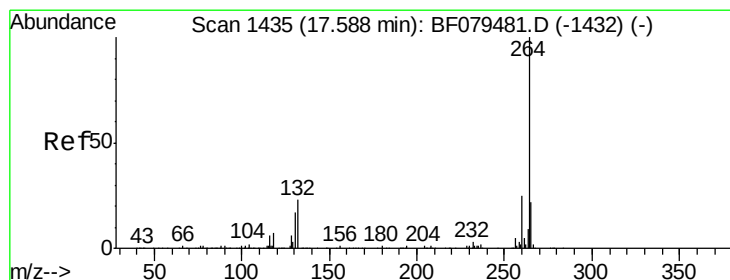
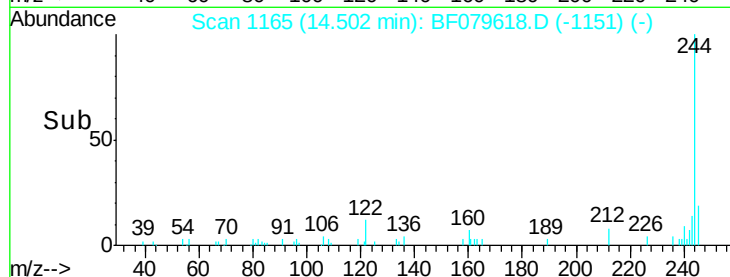
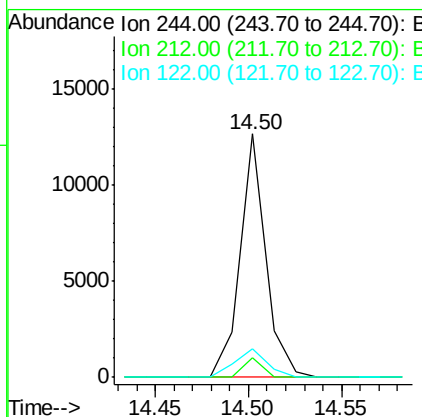
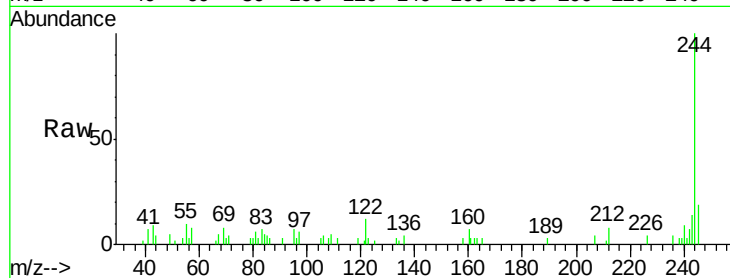




#78
 Terphenyl-d14
 Concen: 1.12 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.4(6)

Tgt Ion:244 Resp: 12193
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.2 7.8#
 122 12.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.45 min Scan# 1423
 Delta R.T. -0.22 min
 Lab File: BF079618.D
 Acq: 30 May 2015 22:35

Tgt Ion:264 Resp: 233646
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.8
 265 21.8 17.8 26.6

