

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
 Data File : BF090679.D
 Acq On : 20 Oct 2016 13:52
 Operator : UM/SJ
 Sample : H5315-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-END-WEST

Quant Time: Oct 20 17:58:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

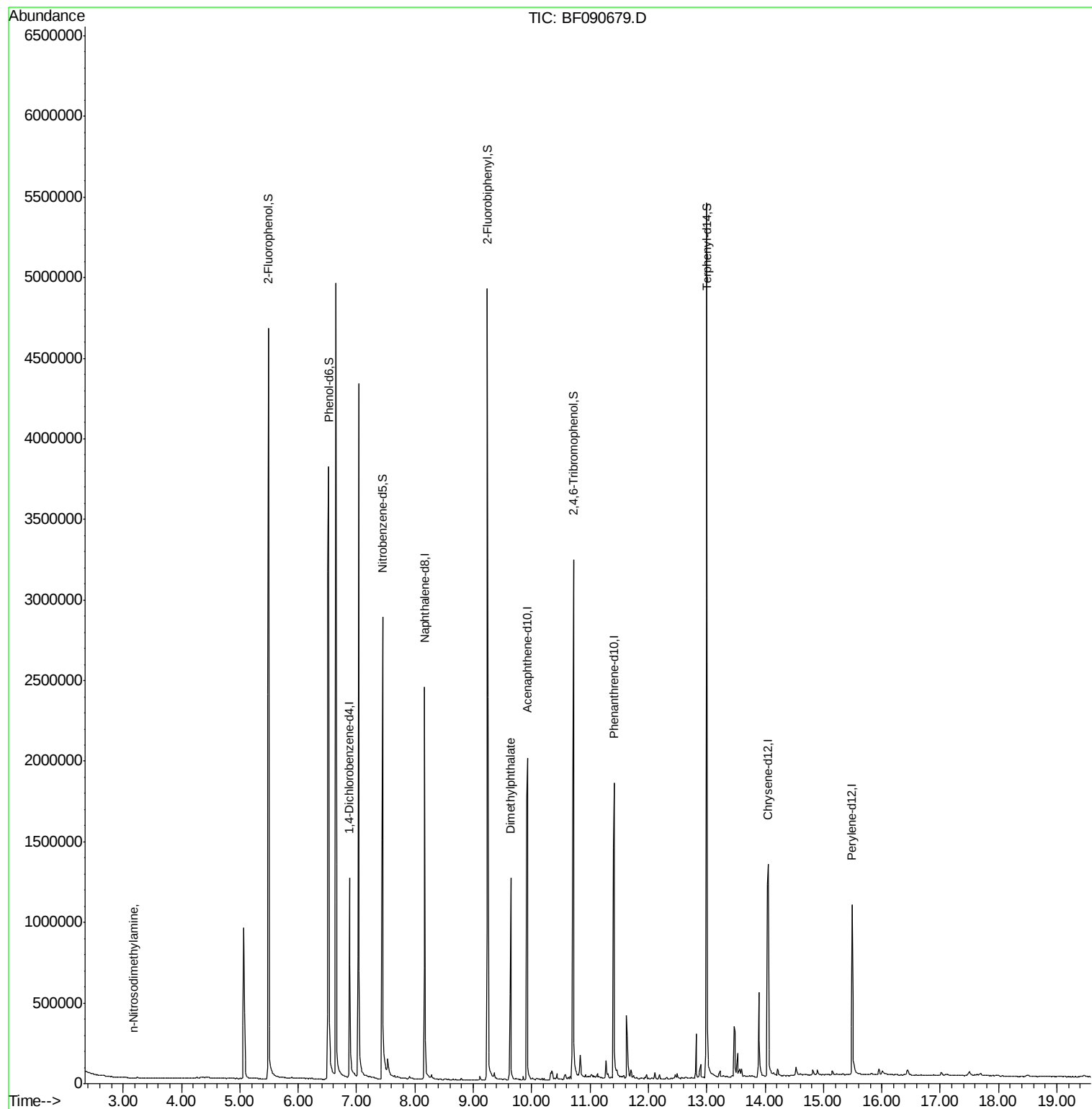
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	242428	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1177280	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	625457	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	954384	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	683104	20.00	ng	-0.01
86) Perylene-d12	15.49	264	462391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1482762	112.13	ng	0.00
7) Phenol-d6	6.52	99	2064906	105.09	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1336372	63.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	474935	85.17	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1963176	51.72	ng	-0.02
78) Terphenyl-d14	13.00	244	2031031	69.23	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.17	42	285	7.21	ng	Qvalue # 1
49) Dimethylphthalate	9.64	163	585323	14.42	ng	98

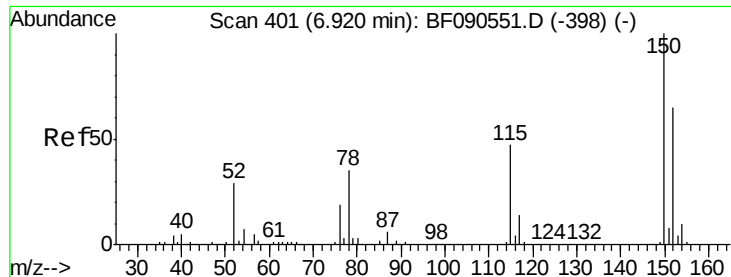
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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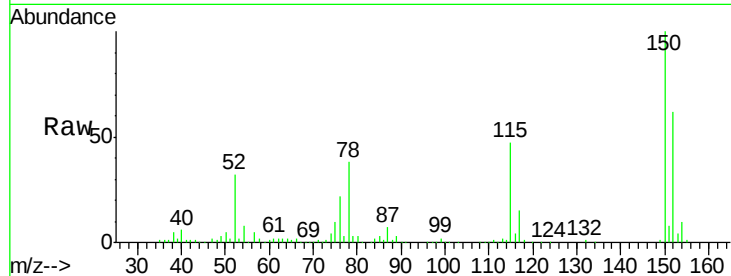


#1

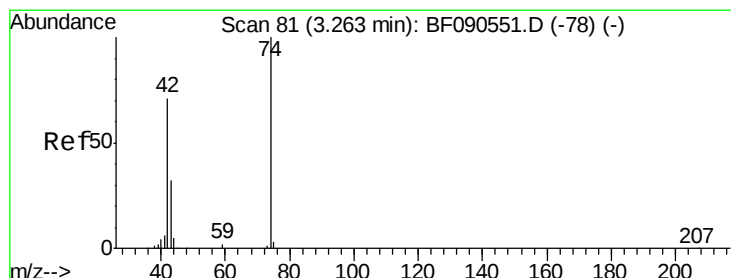
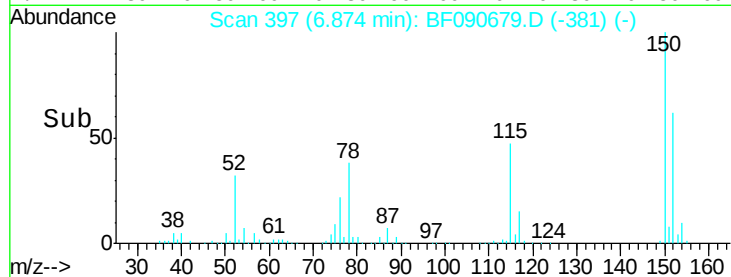
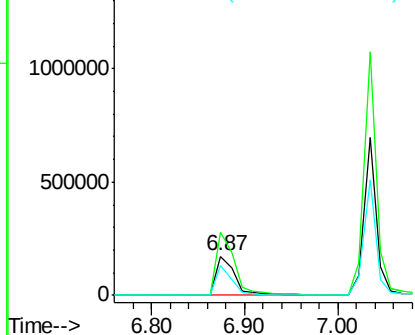
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion: 152 Resp: 242428
Ion Ratio Lower Upper
152 100
150 160.7 127.2 190.8
115 76.3 58.6 88.0



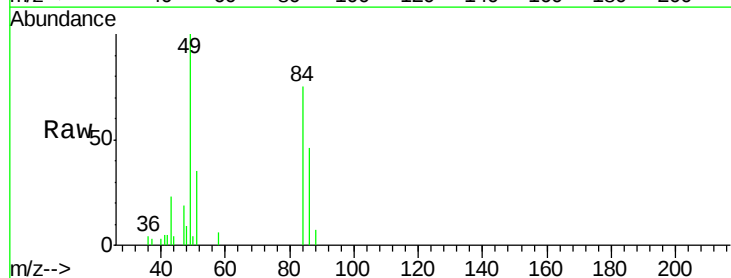
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



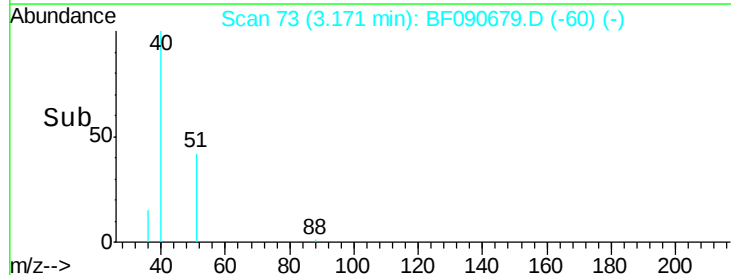
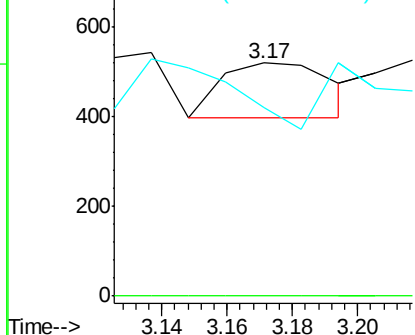
#4

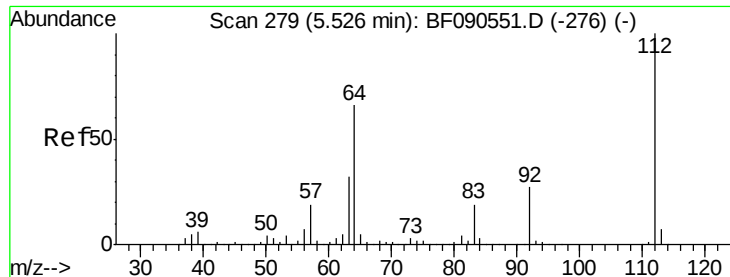
n-Nitrosodimethylamine
Concen: 7.21 ng
RT: 3.17 min Scan# 73
Delta R.T. -0.05 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion: 42 Resp: 285
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 81.1 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.13 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090679.D

Acq: 20 Oct 2016 13:52

Instrument :

BNA_F

ClientSampleId :

FO-TANK-END-WEST

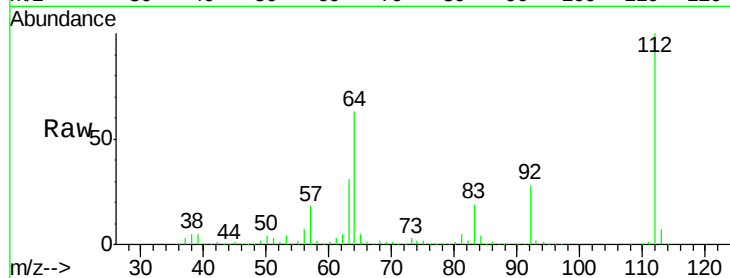
Tgt Ion: 112 Resp: 1482762

Ion Ratio Lower Upper

112 100

64 63.5 52.6 78.8

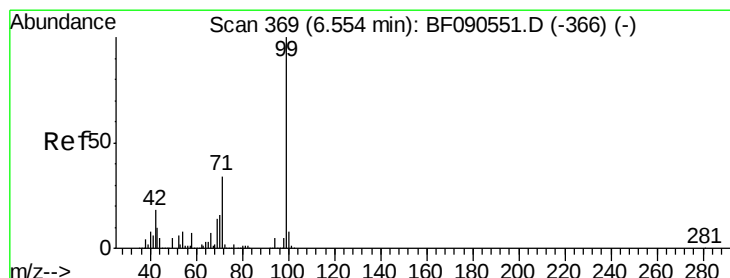
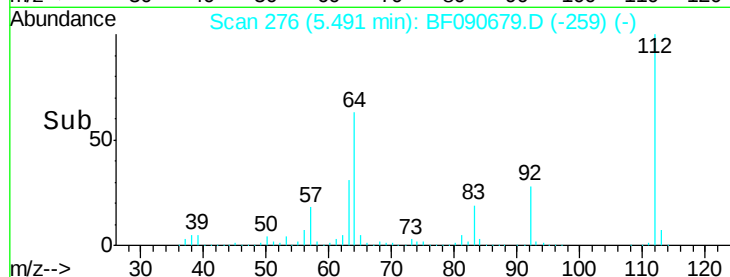
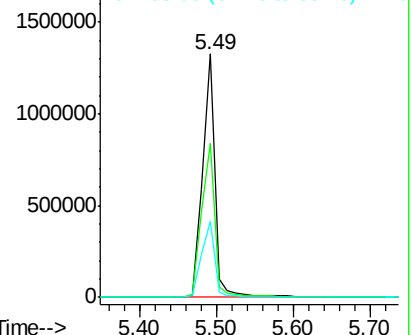
63 31.4 26.0 39.0



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: 105.09 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090679.D

Acq: 20 Oct 2016 13:52

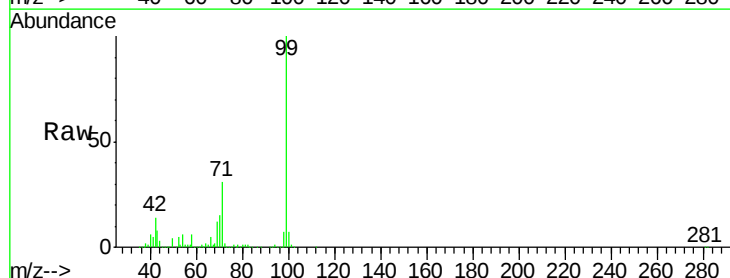
Tgt Ion: 99 Resp: 2064906

Ion Ratio Lower Upper

99 100

42 14.2 14.7 22.1#

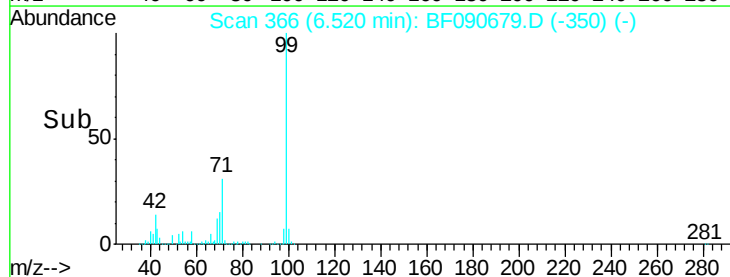
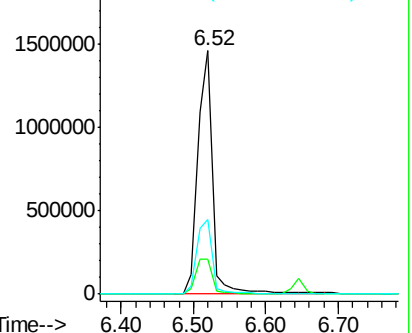
71 30.9 27.6 41.4

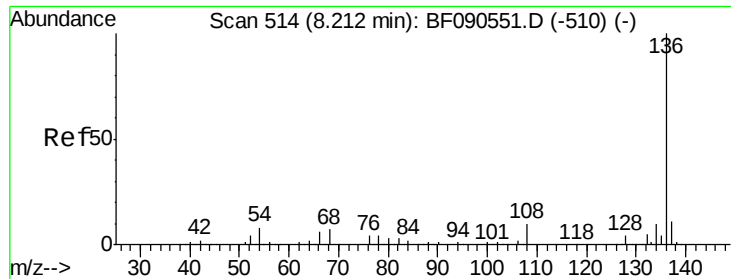


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

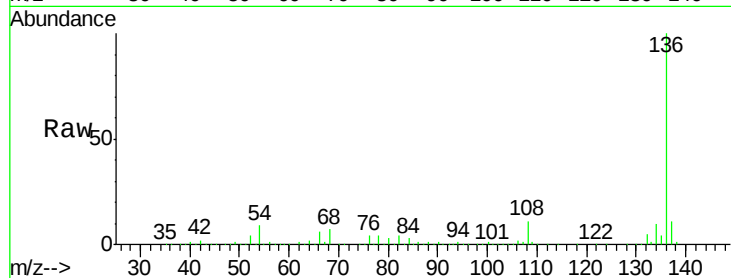




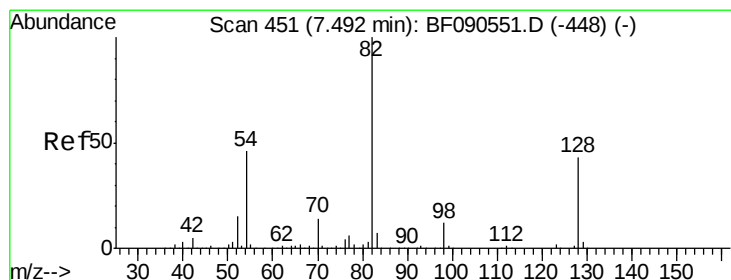
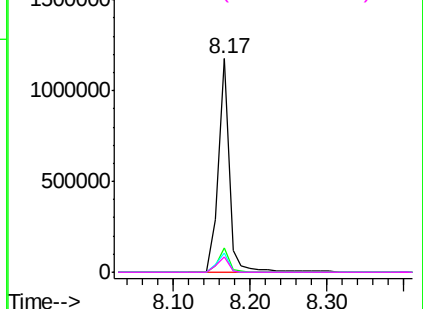
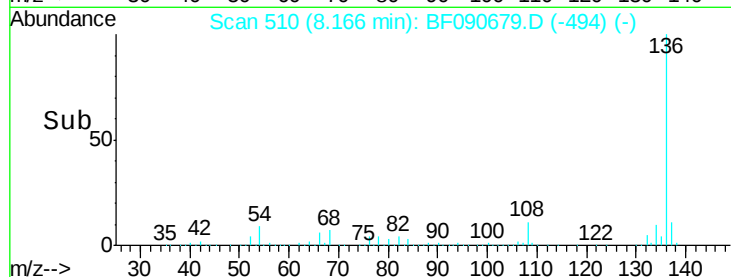
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion: 136 Resp: 1177280
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.7 6.8 10.2
68 7.4 6.0 9.0

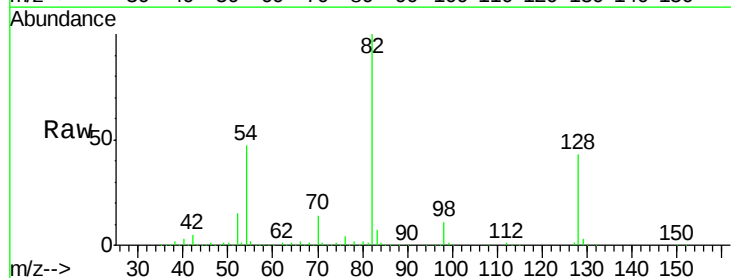


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

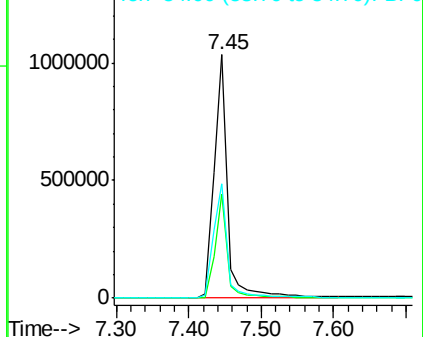
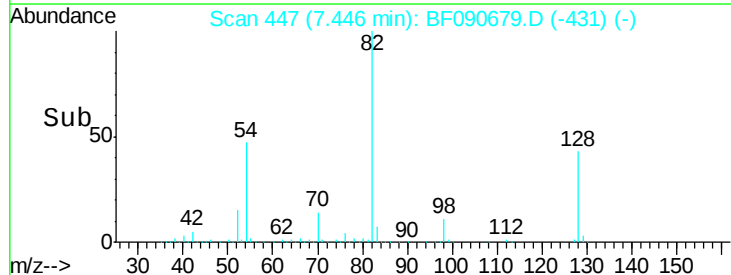


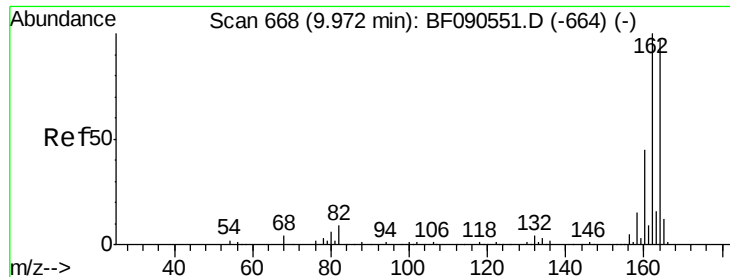
#23
Nitrobenzene-d5
Concen: 63.06 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion: 82 Resp: 1336372
Ion Ratio Lower Upper
82 100
128 42.9 34.3 51.5
54 46.8 37.0 55.6



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: 9.93 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF090679.D

Acq: 20 Oct 2016 13:52

Instrument :

BNA_F

ClientSampleId :

FO-TANK-END-WEST

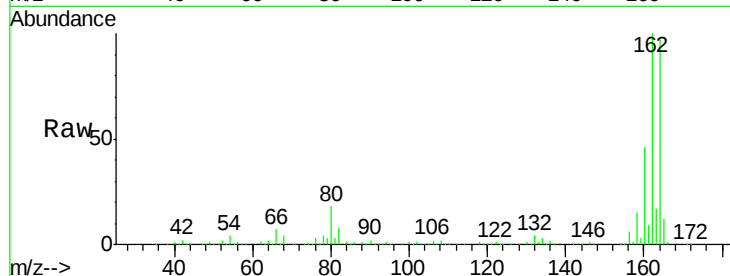
Tgt Ion:164 Resp: 625457

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.4

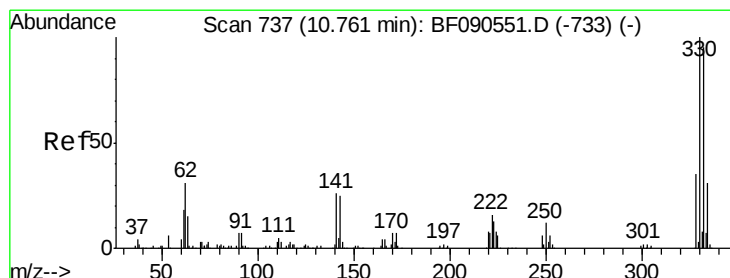
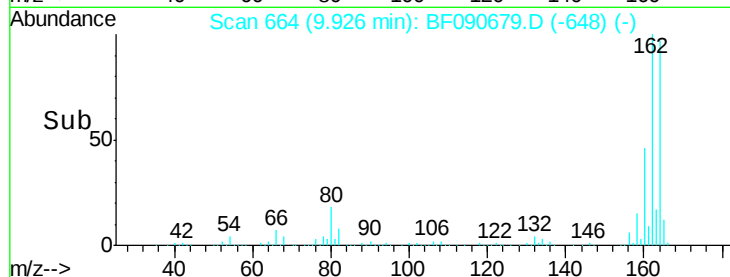
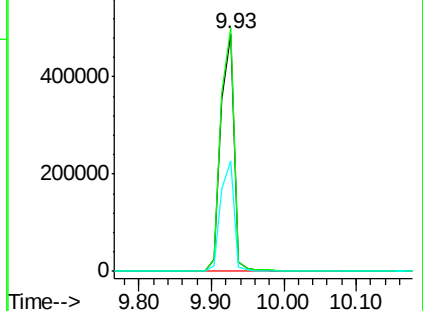
160 46.8 36.6 55.0



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: 85.17 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF090679.D

Acq: 20 Oct 2016 13:52

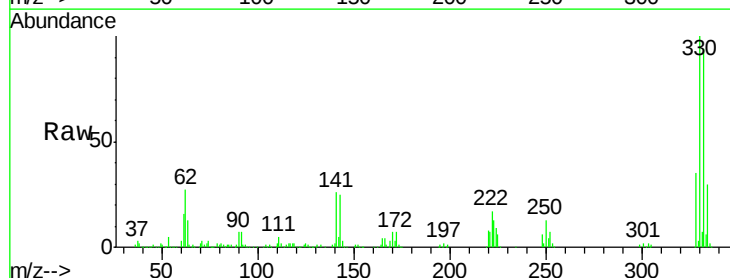
Tgt Ion:330 Resp: 474935

Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.2

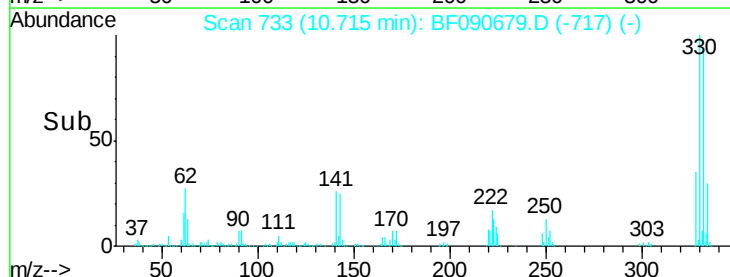
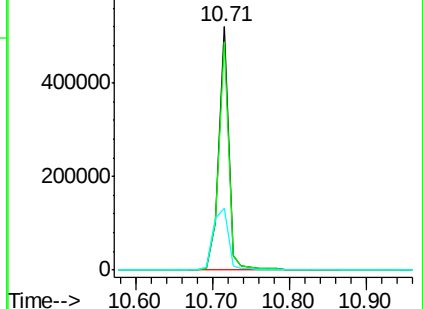
141 40.0 31.4 47.2

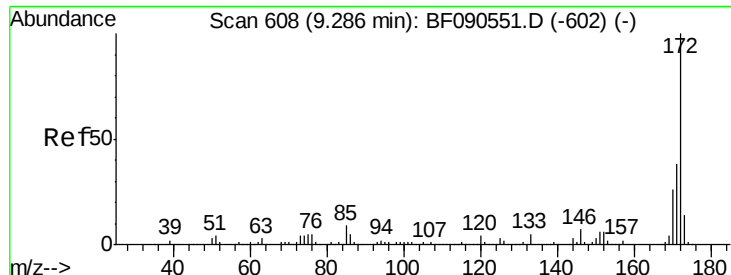


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

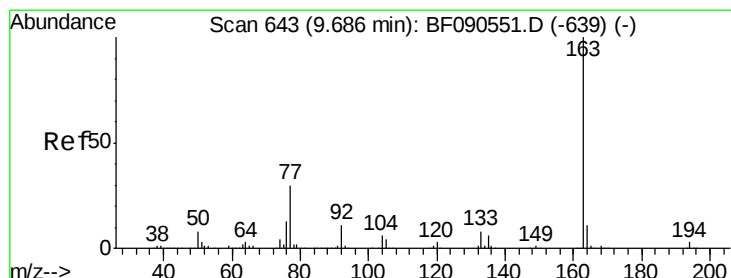
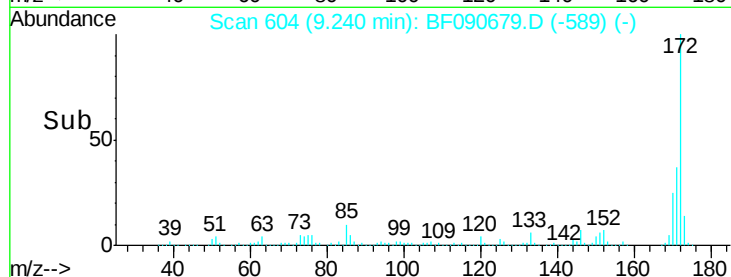
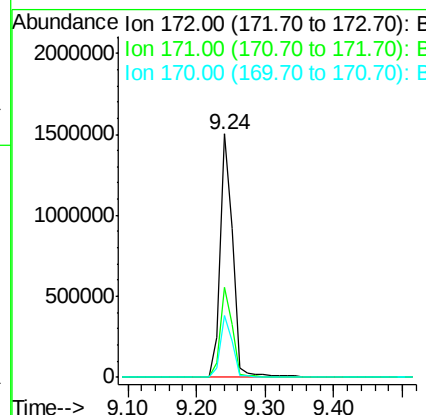
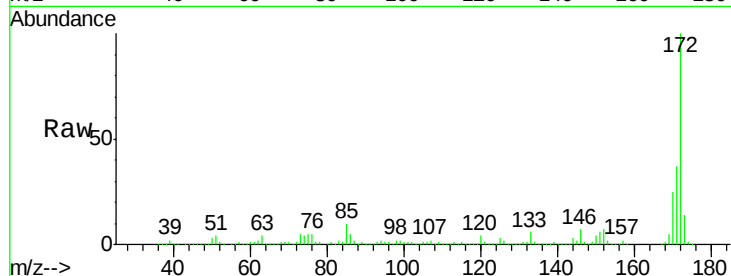




#44
 2-Fluorobiphenyl
 Concen: 51.72 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF090679.D
 Acq: 20 Oct 2016 13:52

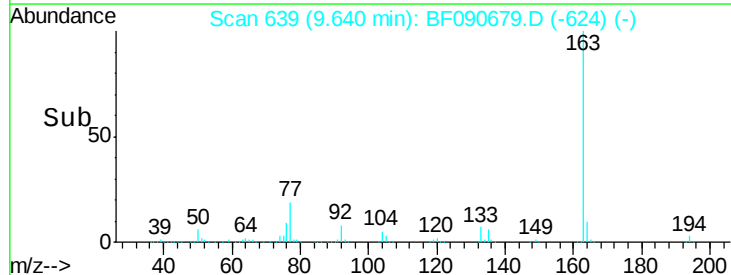
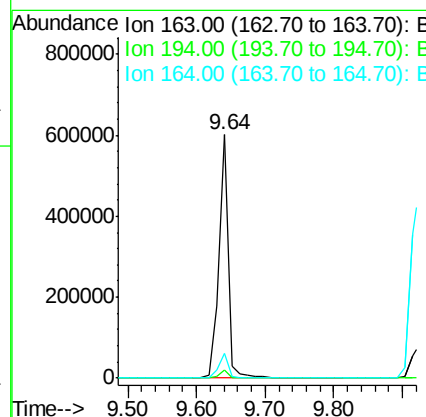
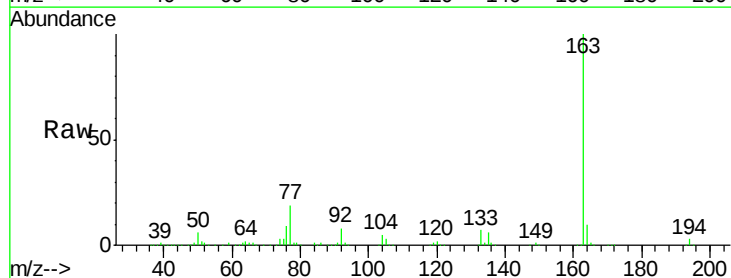
Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-END-WEST

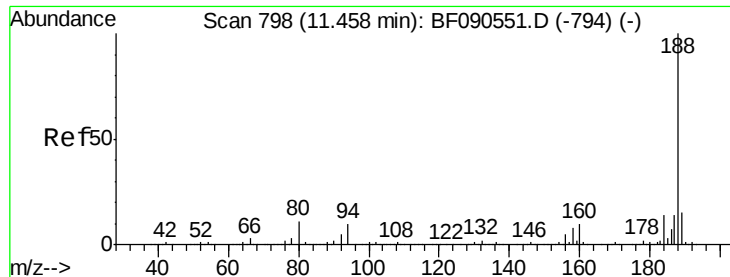
Tgt Ion:172 Resp: 1963176
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.1 45.1
 170 25.2 20.6 30.8



#49
 Dimethylphthalate
 Concen: 14.42 ng
 RT: 9.64 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF090679.D
 Acq: 20 Oct 2016 13:52

Tgt Ion:163 Resp: 585323
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.3 3.5
 164 10.1 8.6 13.0

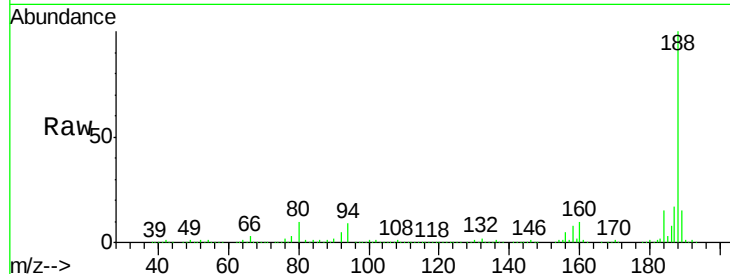




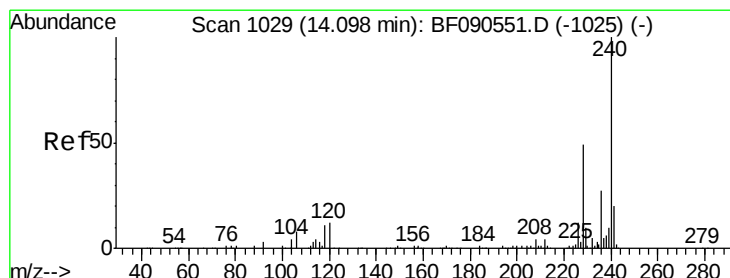
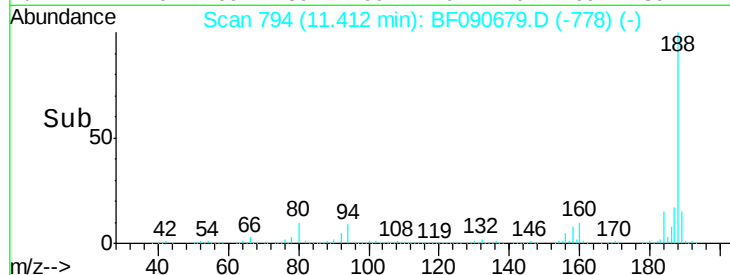
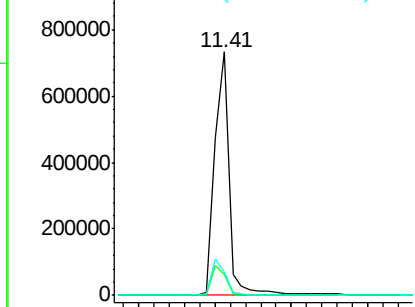
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Instrument :
BNA_F
ClientSampleId :
FO-TANK-END-WEST

Tgt Ion:188 Resp: 954384
Ion Ratio Lower Upper
188 100
94 8.8 7.7 11.5
80 9.7 8.6 12.8

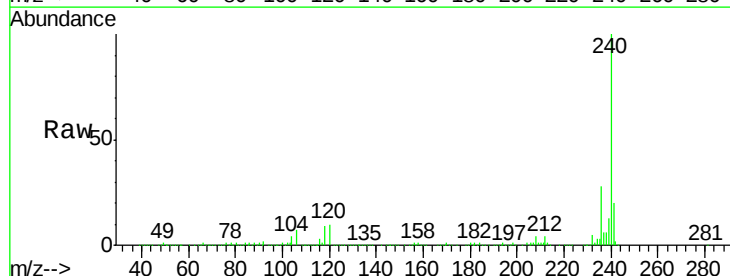


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

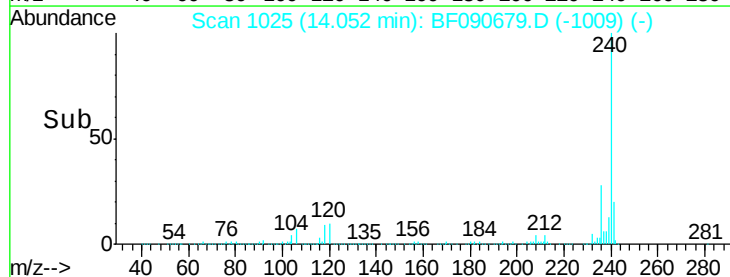
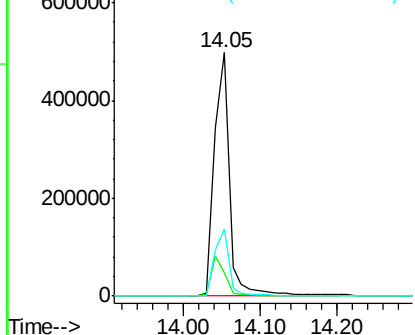


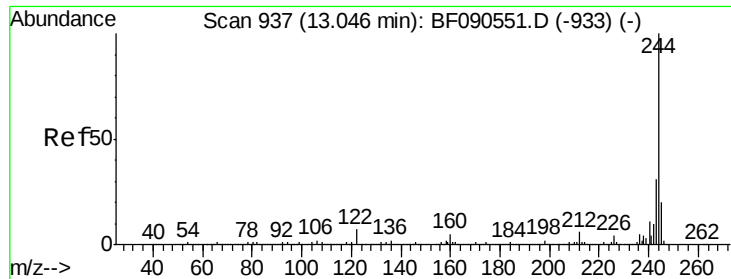
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090679.D
Acq: 20 Oct 2016 13:52

Tgt Ion:240 Resp: 683104
Ion Ratio Lower Upper
240 100
120 9.8 9.8 14.8#
236 27.5 21.7 32.5



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

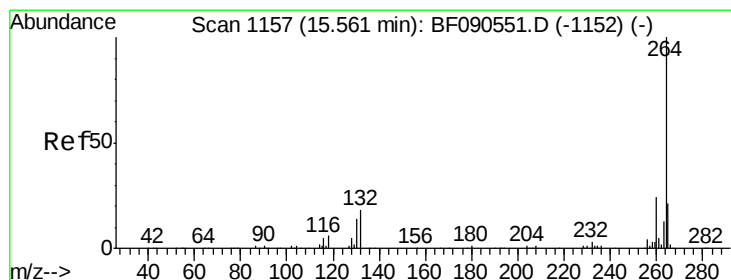
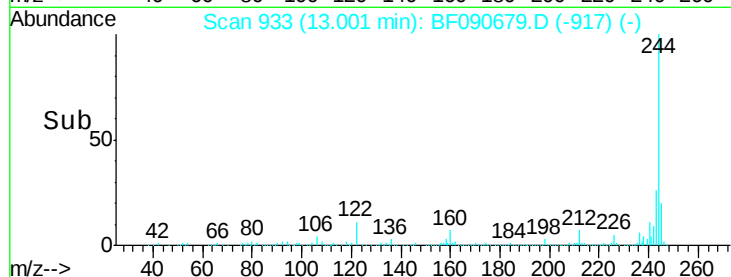
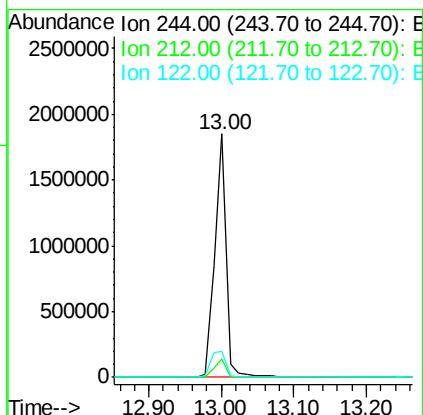
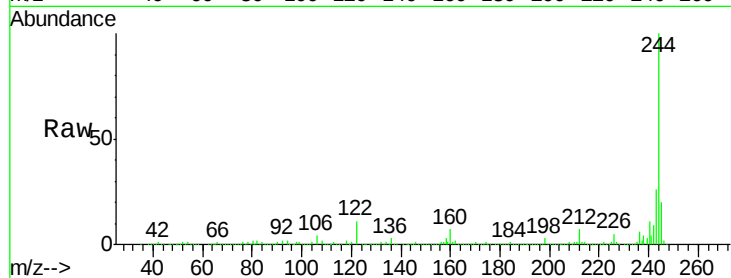




#78
 Terphenyl-d14
 Concen: 69.23 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090679.D
 Acq: 20 Oct 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-END-WEST

Tgt Ion:244 Resp: 2031031
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 10.7 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF090679.D
 Acq: 20 Oct 2016 13:52

Tgt Ion:264 Resp: 462391
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.3 28.9
 265 21.7 16.7 25.1

