

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098593.D
 Acq On : 16 Sep 2017 2:39
 Operator : SJ/JU
 Sample : I5217-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LP-SLUDGE

Quant Time: Sep 16 04:41:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

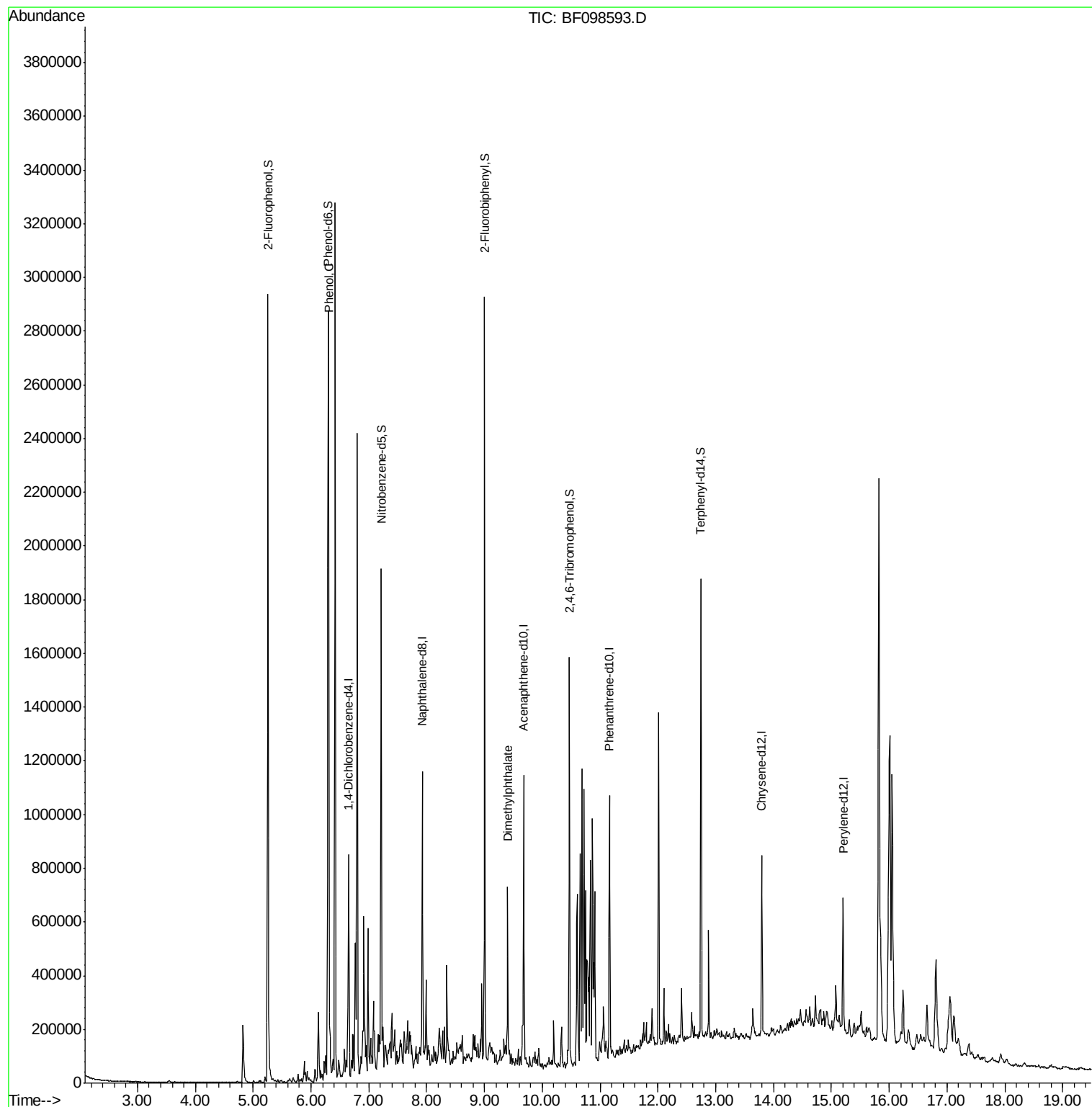
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	114234	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	429369	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	189870	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	307204	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	207349	20.00	ng	-0.02
86) Perylene-d12	15.20	264	205034	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	849241	109.92	ng	-0.02
7) Phenol-d6	6.30	99	1100529	112.19	ng	-0.02
23) Nitrobenzene-d5	7.22	82	556166	72.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	153820	121.38	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	818636	73.08	ng	-0.03
78) Terphenyl-d14	12.74	244	509898	53.08	ng	-0.02
Target Compounds						
10) Phenol	6.31	94	48308	4.240	ng	85
49) Dimethylphthalate	9.40	163	148421	10.098	ng	98

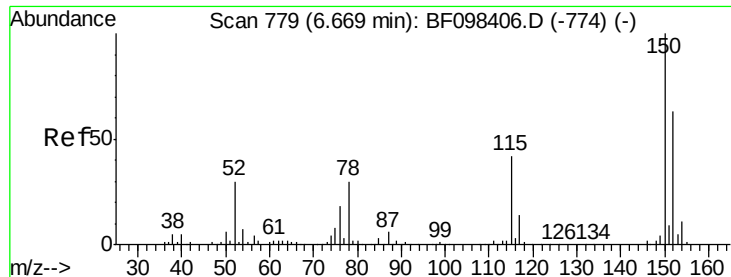
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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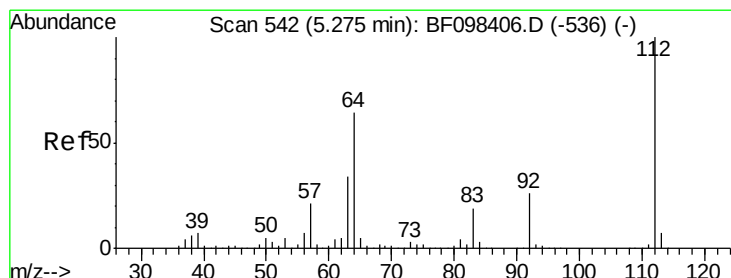
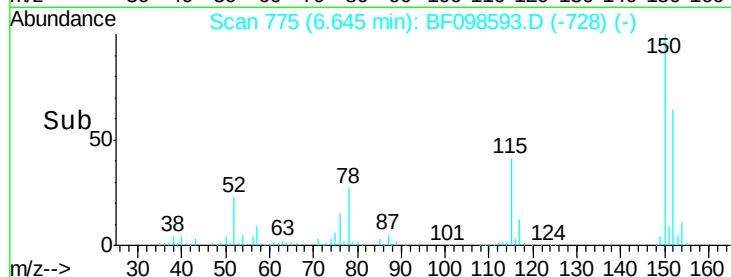
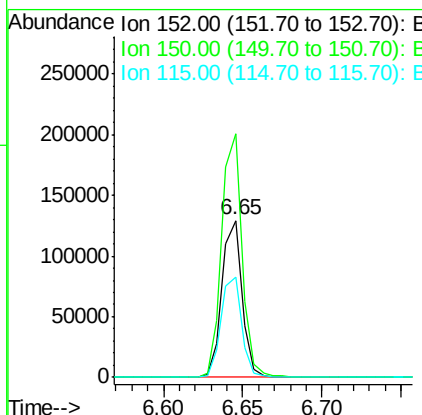
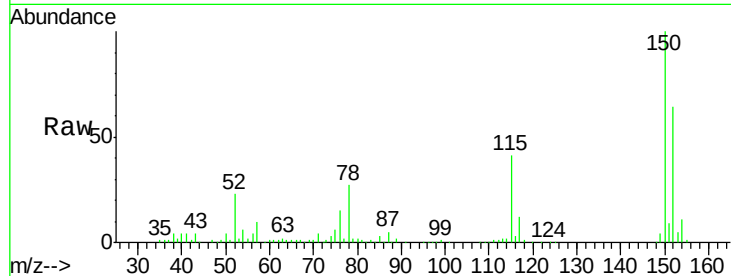


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF098593.D
 Acq: 16 Sep 2017 2:39

Instrument :
 BNA_F
 ClientSampleId :
 LP-SLUDGE

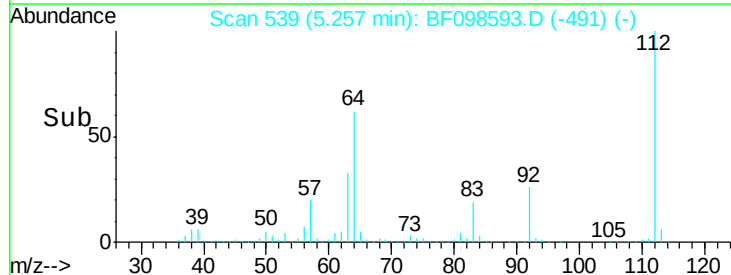
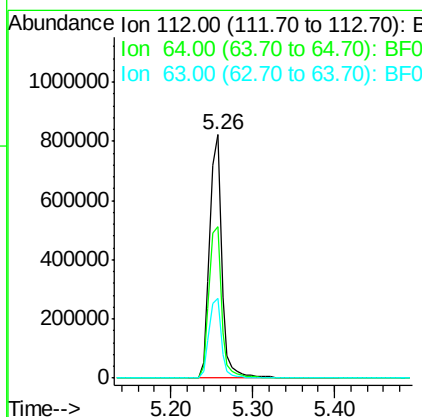
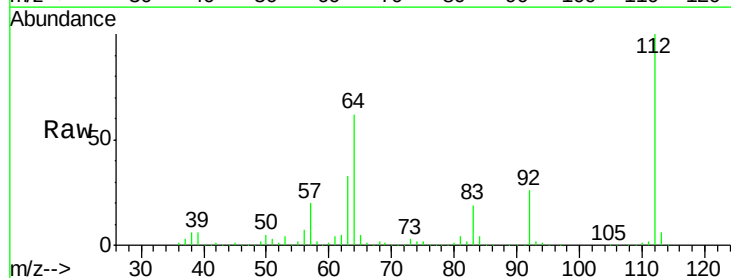
Tgt Ion:152 Resp: 114234
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.2 189.2
 115 63.6 52.2 78.2

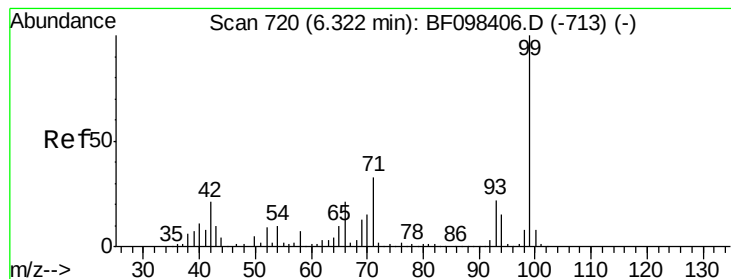


#5

2-Fluorophenol
 Concen: 109.917 ng
 RT: 5.26 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: BF098593.D
 Acq: 16 Sep 2017 2:39

Tgt Ion:112 Resp: 849241
 Ion Ratio Lower Upper
 112 100
 64 62.3 46.0 69.0
 63 32.8 23.4 35.0





#7

Phenol-d6

Concen: 112.188 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098593.D

Acq: 16 Sep 2017 2:39

Instrument :

BNA_F

ClientSampleId :

LP-SLUDGE

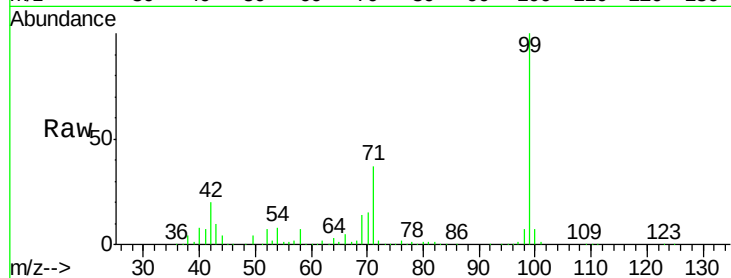
Tgt Ion: 99 Resp: 1100529

Ion Ratio Lower Upper

99 100

42 19.8 13.5 20.3

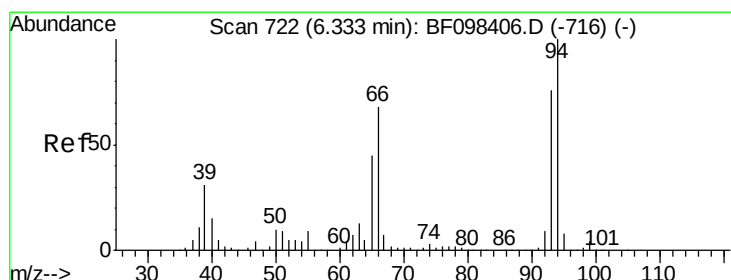
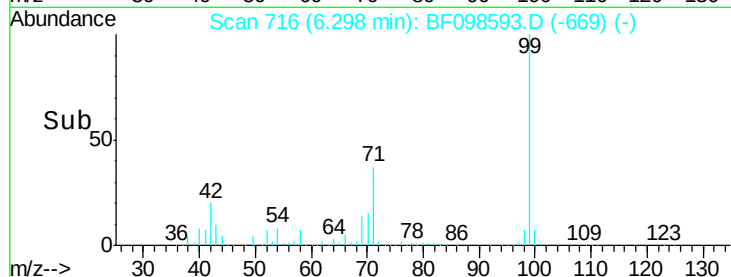
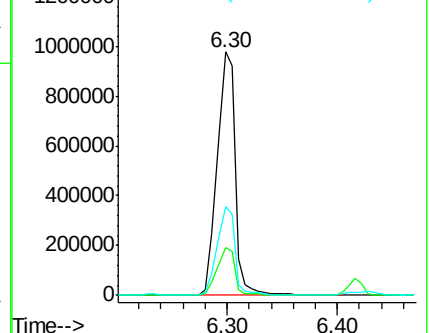
71 36.7 24.5 36.7



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



#10

Phenol

Concen: 4.240 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF098593.D

Acq: 16 Sep 2017 2:39

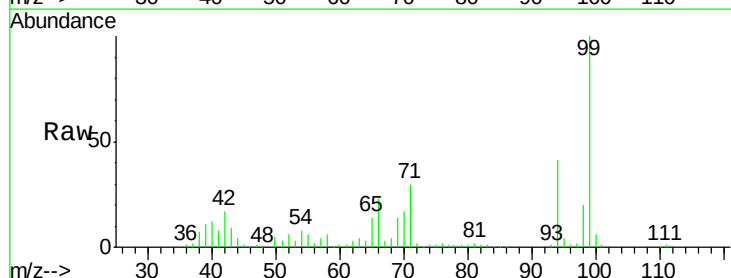
Tgt Ion: 94 Resp: 48308

Ion Ratio Lower Upper

94 100

65 33.5 9.9 49.9

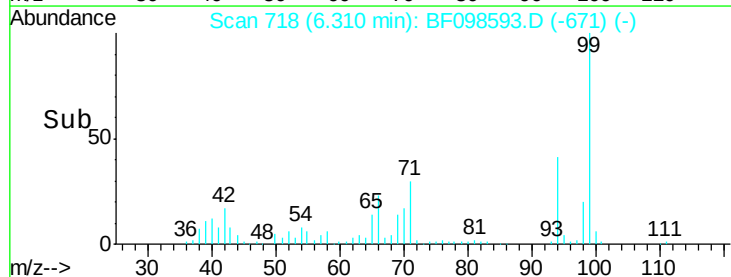
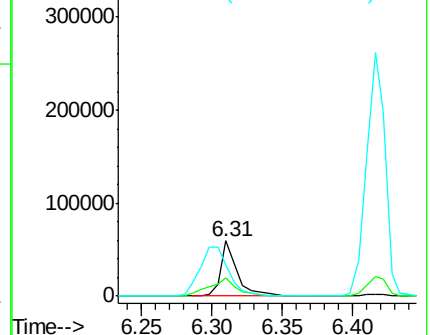
66 56.0 23.1 63.1

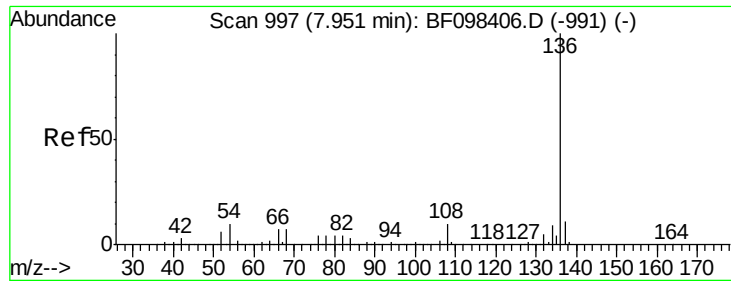


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

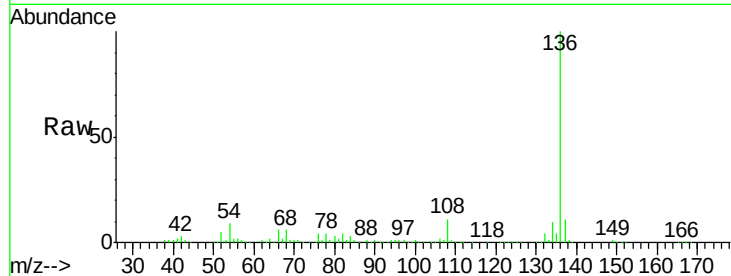




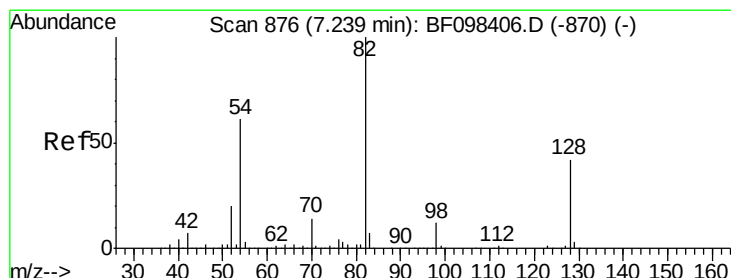
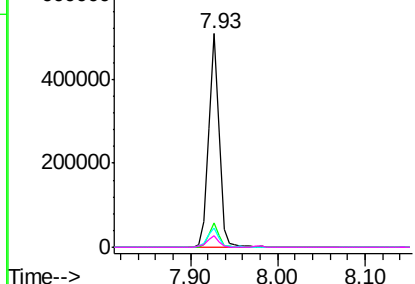
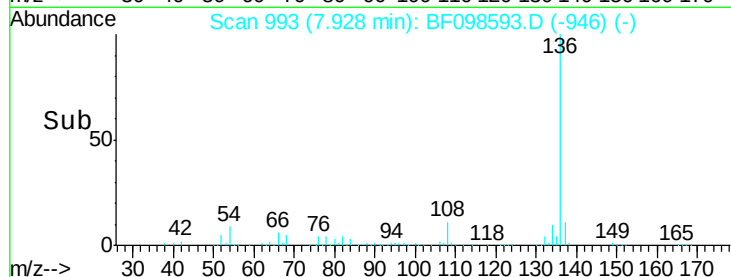
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098593.D
Acq: 16 Sep 2017 2:39

Instrument :
BNA_F
ClientSampleId :
LP-SLUDGE

Tgt Ion:	136	Resp:	429369
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.0	4.9	7.3#
68	5.6	4.1	6.1

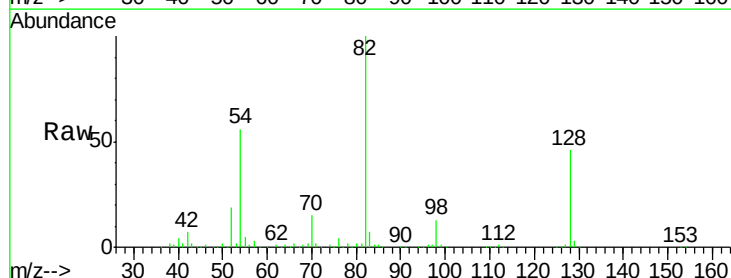


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

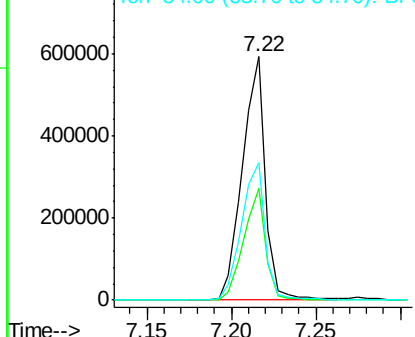
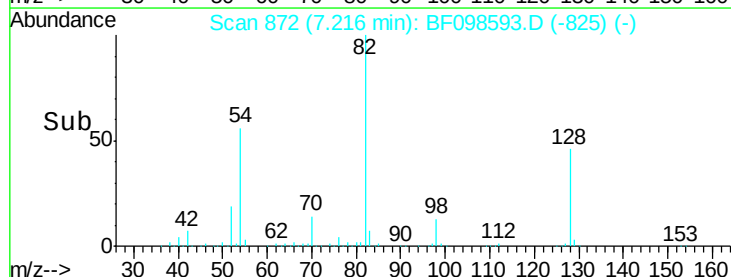


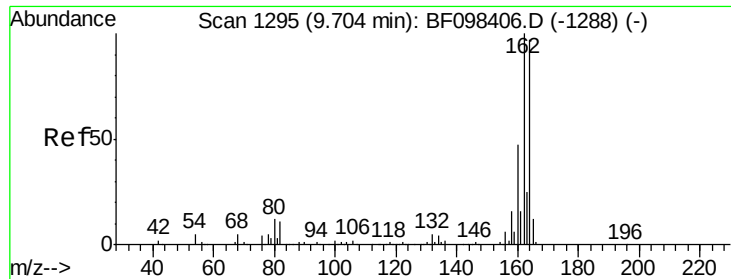
#23
Nitrobenzene-d5
Concen: 72.213 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098593.D
Acq: 16 Sep 2017 2:39

Tgt Ion:	82	Resp:	556166
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	56.2	42.2	63.2



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

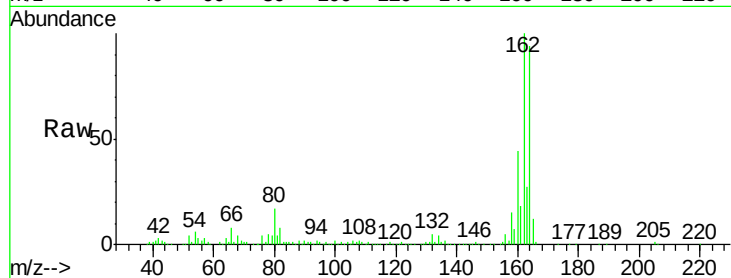




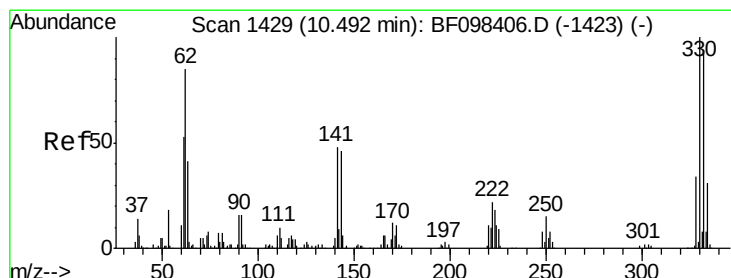
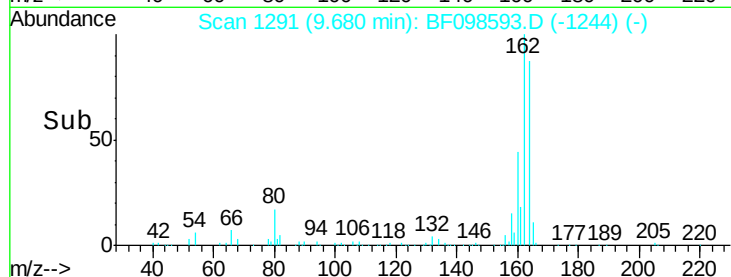
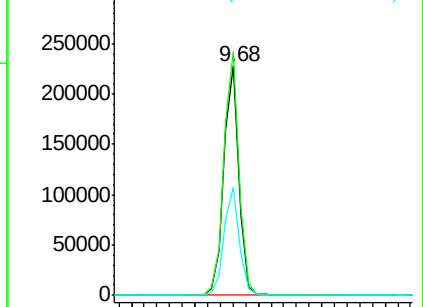
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098593.D
 Acq: 16 Sep 2017 2:39

Instrument :
 BNA_F
 ClientSampleId :
 LP-SLUDGE

Tgt Ion:164 Resp: 189870
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.6 123.8
 160 46.8 36.2 54.2

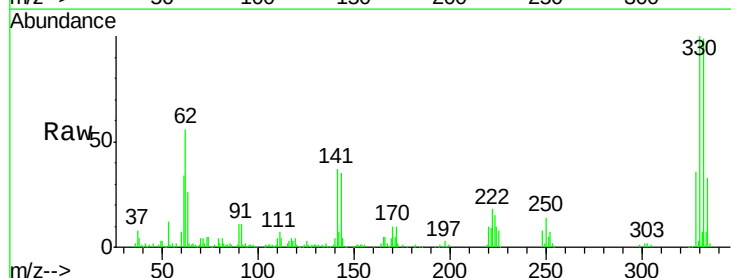


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

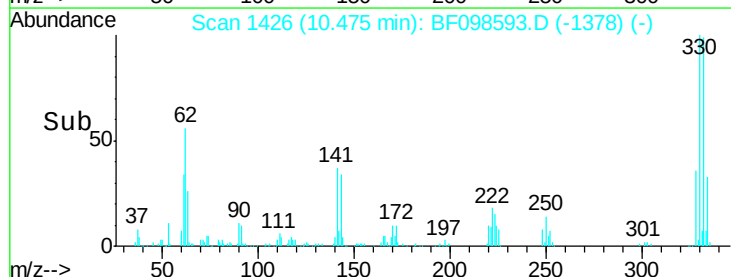
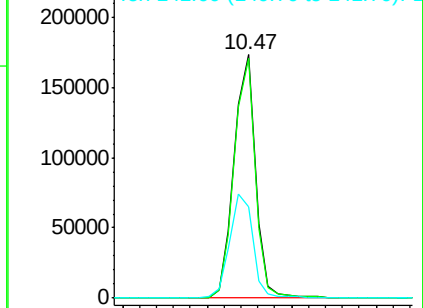


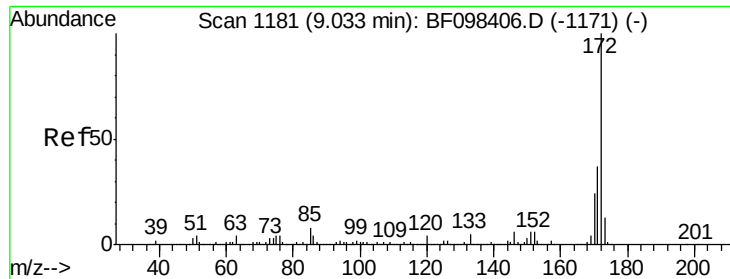
#41
 2,4,6-Tribromophenol
 Concen: 121.383 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098593.D
 Acq: 16 Sep 2017 2:39

Tgt Ion:330 Resp: 153820
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 46.0 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

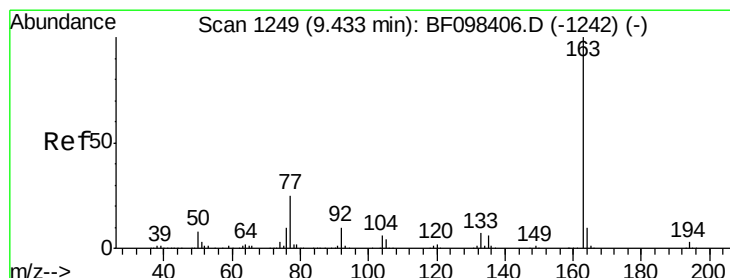
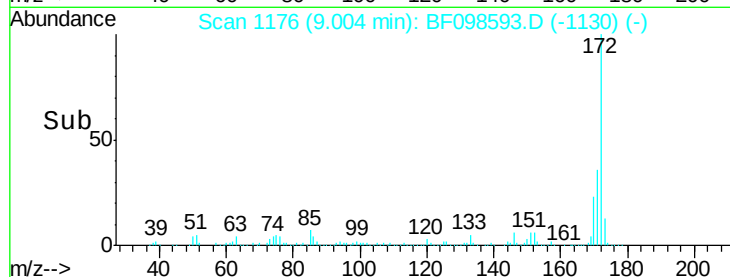
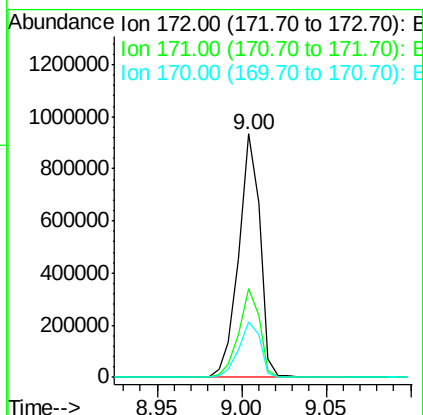
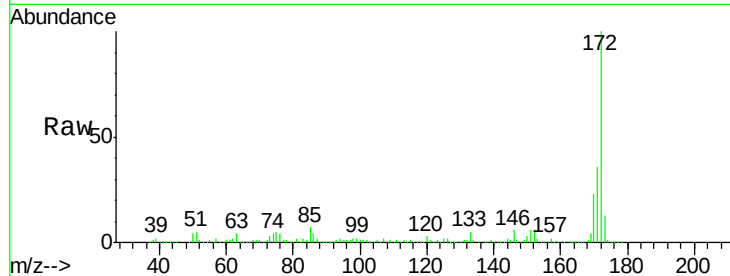




#44
2-Fluorobiphenyl
Concen: 73.077 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098593.D
Acq: 16 Sep 2017 2:39

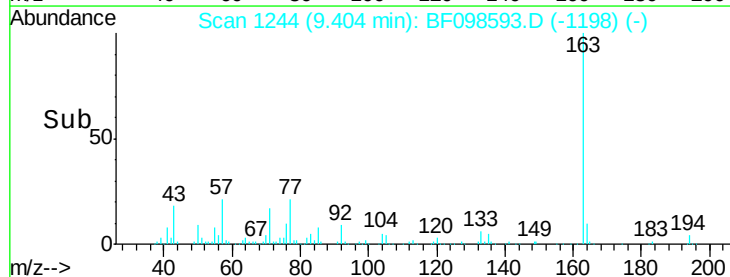
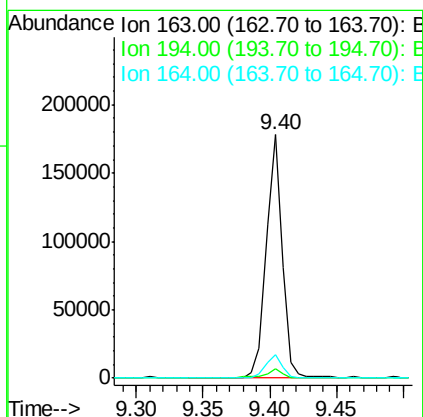
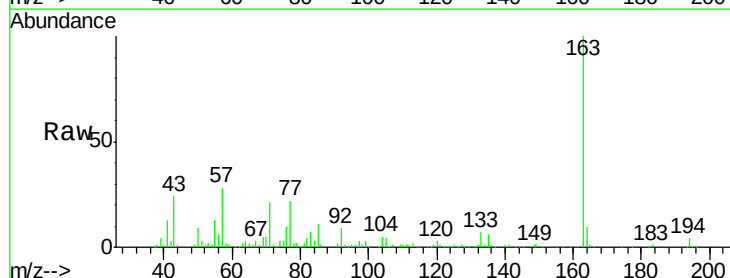
Instrument :
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ClientSampleId :
LP-SLUDGE

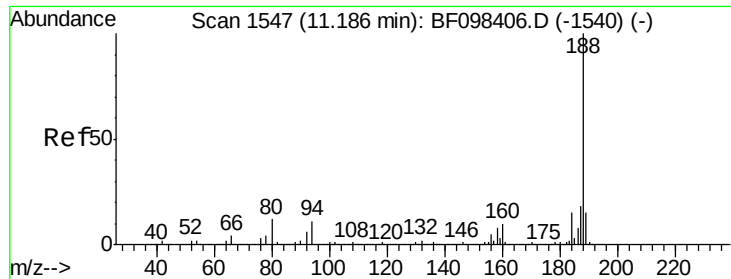
Tgt Ion:172 Resp: 818636
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.0 19.8 29.8



#49
Dimethylphthalate
Concen: 10.098 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098593.D
Acq: 16 Sep 2017 2:39

Tgt Ion:163 Resp: 148421
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.8 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BF098593.D

Acq: 16 Sep 2017 2:39

Instrument :

BNA_F

ClientSampleId :

LP-SLUDGE

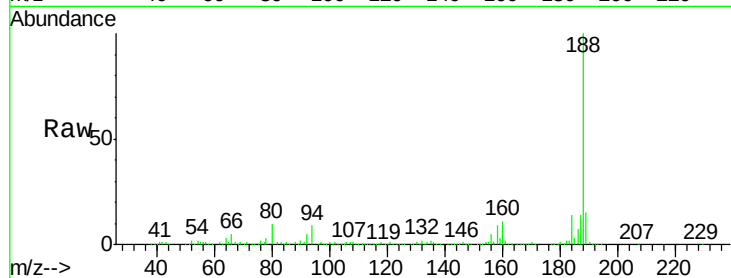
Tgt Ion:188 Resp: 307204

Ion Ratio Lower Upper

188 100

94 8.9 9.4 14.2#

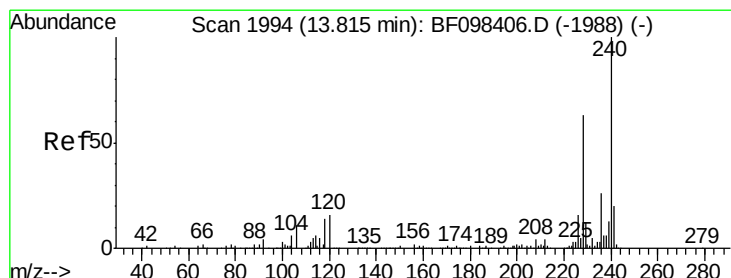
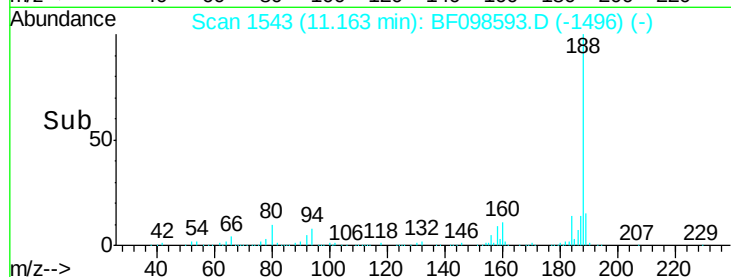
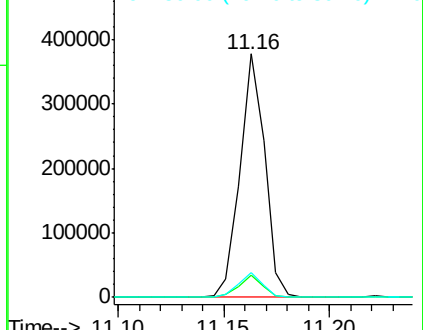
80 10.3 10.2 15.2



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: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098593.D

Acq: 16 Sep 2017 2:39

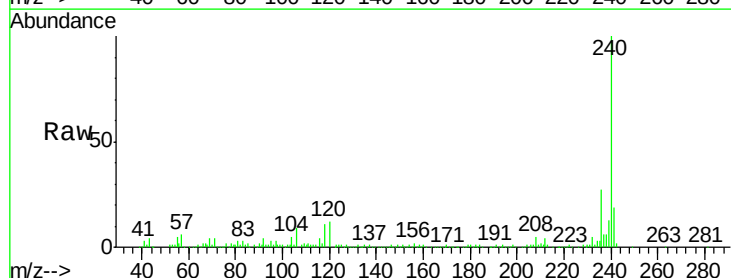
Tgt Ion:240 Resp: 207349

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

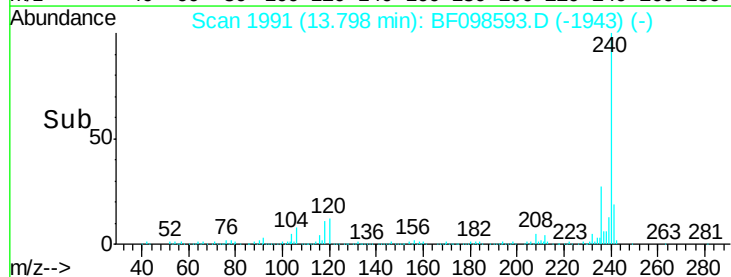
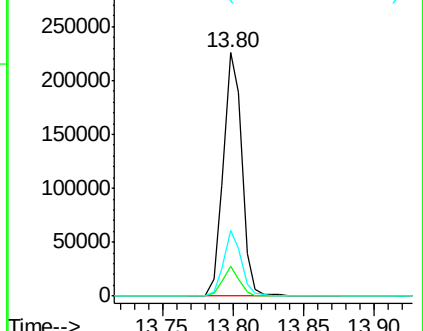
236 27.1 20.5 30.7

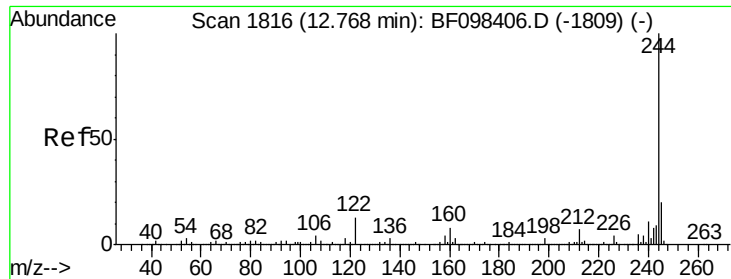


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

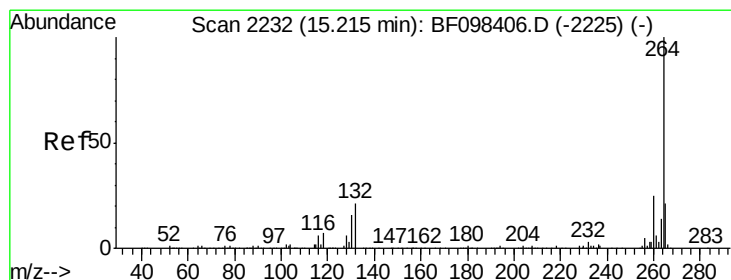
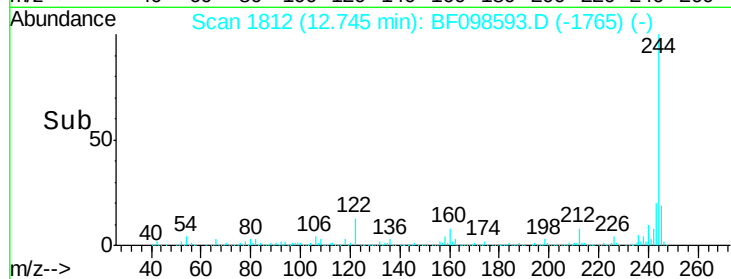
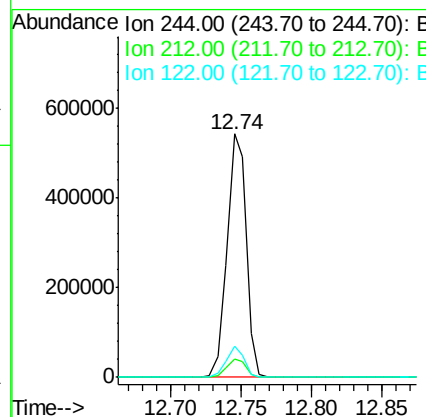
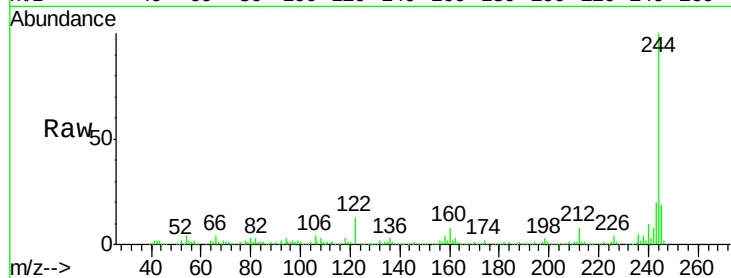




#78
 Terphenyl-d14
 Concen: 53.079 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF098593.D
 Acq: 16 Sep 2017 2:39

Instrument :
 BNA_F
 ClientSampleId :
 LP-SLUDGE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.0	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098593.D
 Acq: 16 Sep 2017 2:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.5	17.2	25.8

