

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096948.D
 Acq On : 21 Jul 2017 17:08
 Operator : SJ/JU
 Sample : I4290-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Quant Time: Jul 22 01:08:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

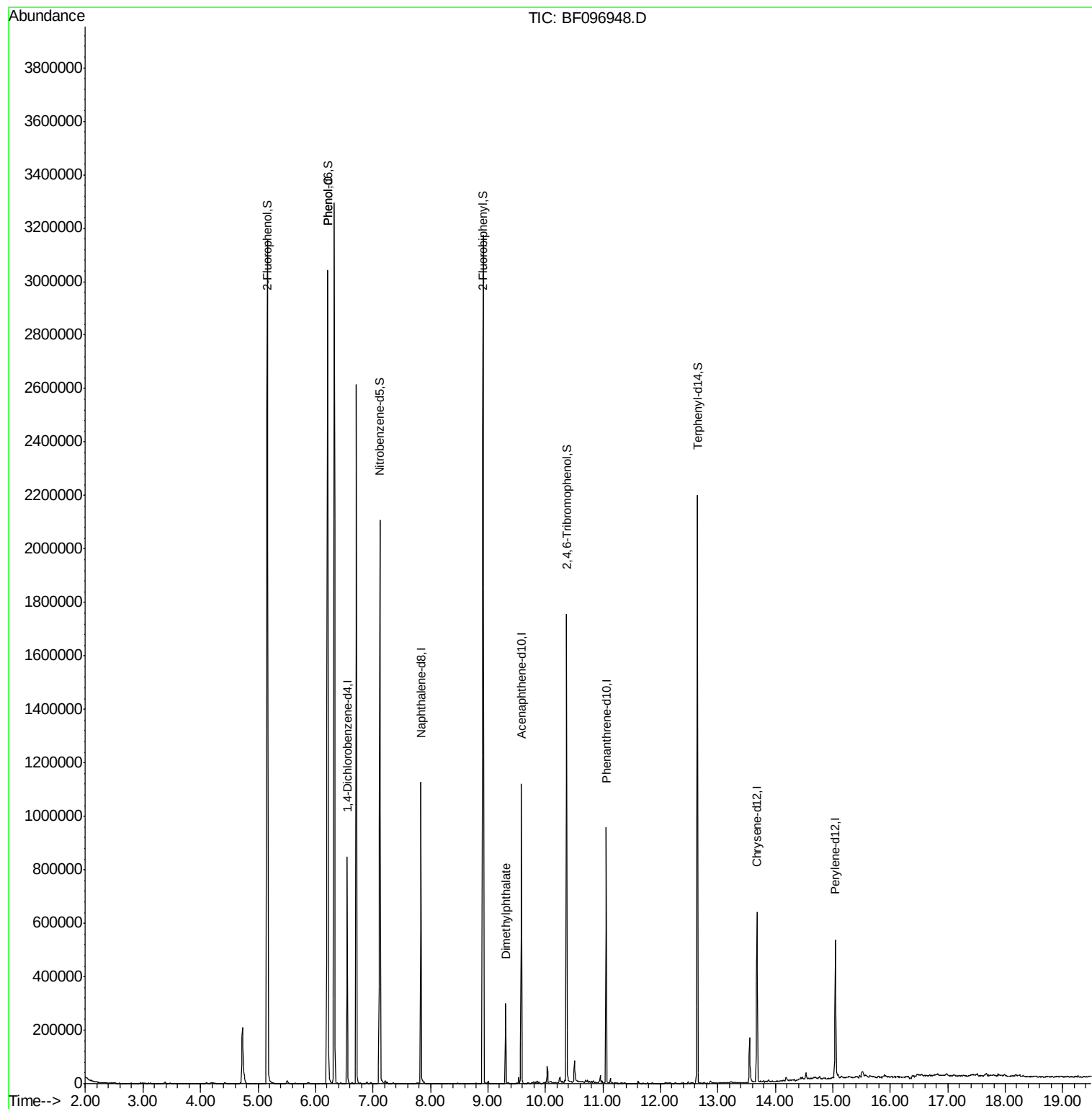
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	120909	20.00	ng	-0.05
21) Naphthalene-d8	7.83	136	499260	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	213924	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	310228	20.00	ng	-0.05
75) Chrysene-d12	13.68	240	211672	20.00	ng	-0.05
86) Perylene-d12	15.04	264	212297	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1005384	125.03	ng	-0.04
7) Phenol-d6	6.22	99	1208665	125.25	ng	-0.04
23) Nitrobenzene-d5	7.12	82	697944	86.59	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	207468	113.62	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	1110260	82.00	ng	-0.05
78) Terphenyl-d14	12.64	244	713709	58.48	ng	-0.05
Target Compounds						
10) Phenol	6.22	94	45400	4.162	ng	95
49) Dimethylphthalate	9.31	163	110569	6.864	ng	98

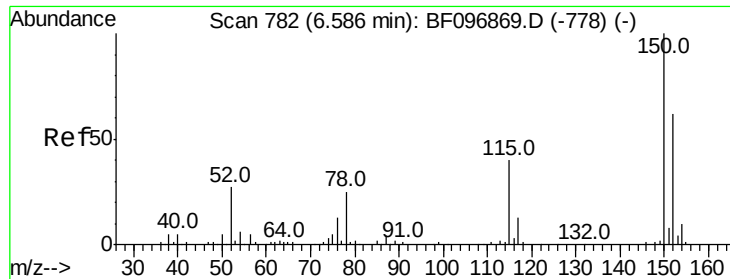
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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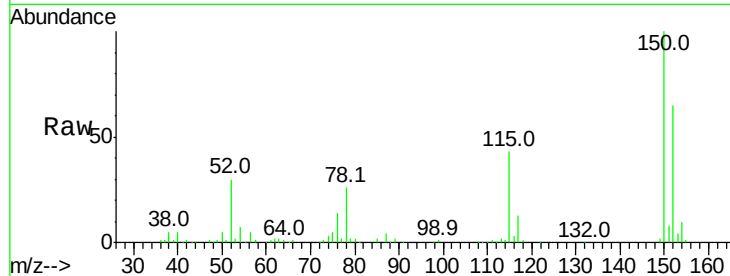


#1

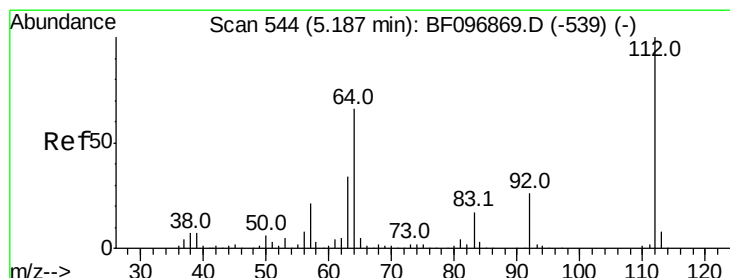
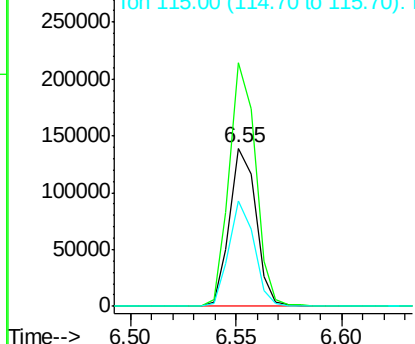
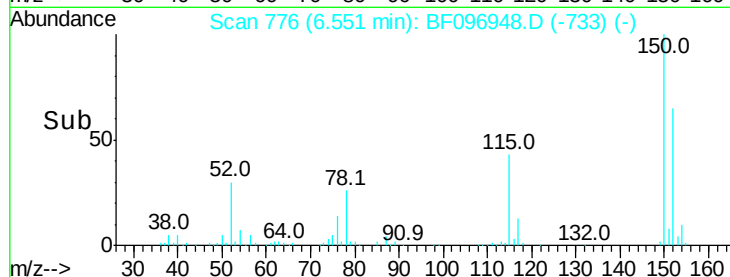
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.55 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF096948.D
 Acq: 21 Jul 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Tot Ion:152 Resp: 120909
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.2 189.2
 115 66.2 52.2 78.2



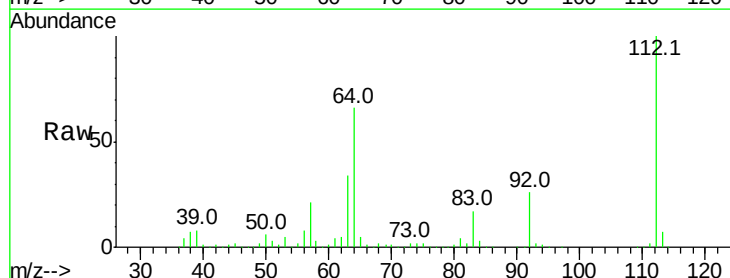
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



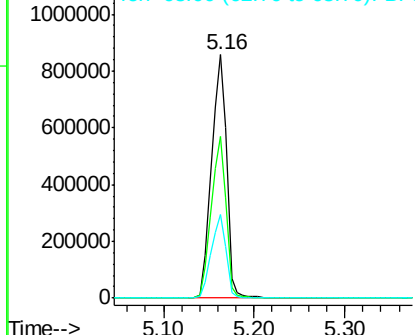
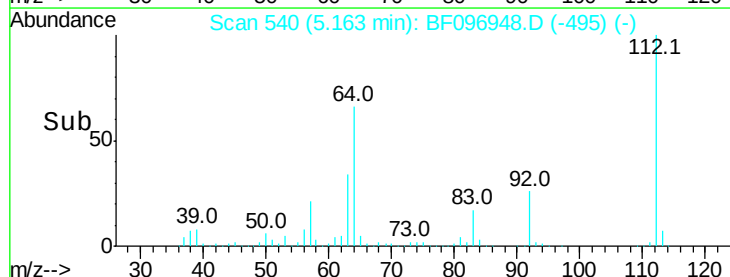
#5

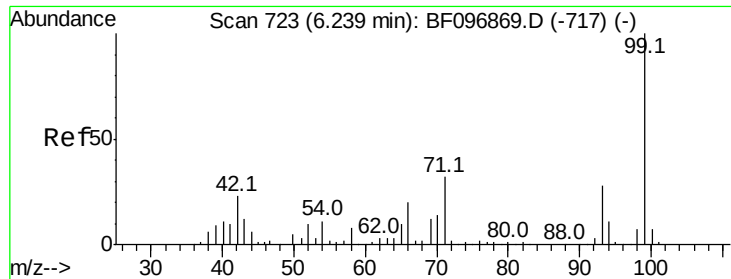
2-Fluorophenol
 Concen: 125.026 ng
 RT: 5.16 min Scan# 540
 Delta R.T. -0.04 min
 Lab File: BF096948.D
 Acq: 21 Jul 2017 17:08

Tgt Ion:112 Resp: 1005384
 Ion Ratio Lower Upper
 112 100
 64 66.5 46.0 69.0
 63 34.4 23.4 35.0



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: 125.252 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF096948.D

Acq: 21 Jul 2017 17:08

Instrument :

BNA_F

ClientSampled :

S-5

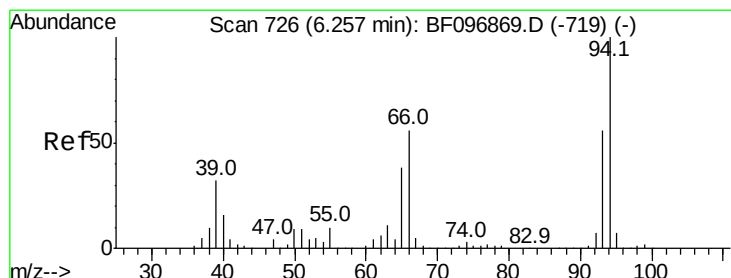
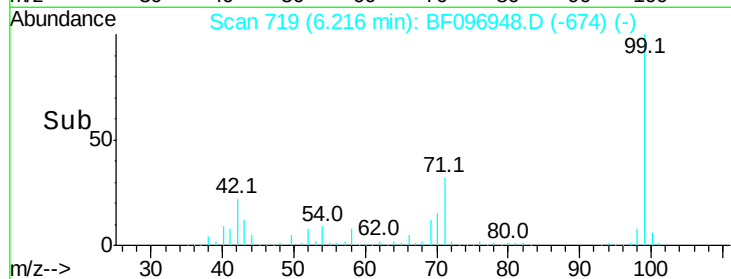
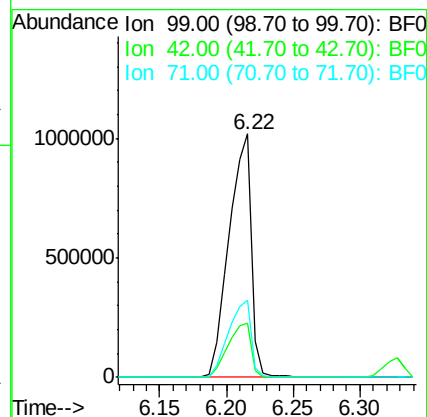
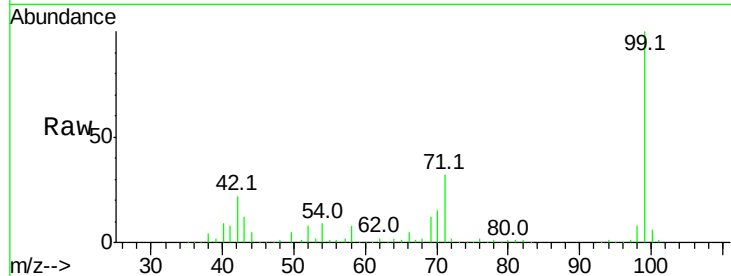
Tot Ion: 99 Resp: 1208665

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 31.8 24.5 36.7



#10

Phenol

Concen: 4.162 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF096948.D

Acq: 21 Jul 2017 17:08

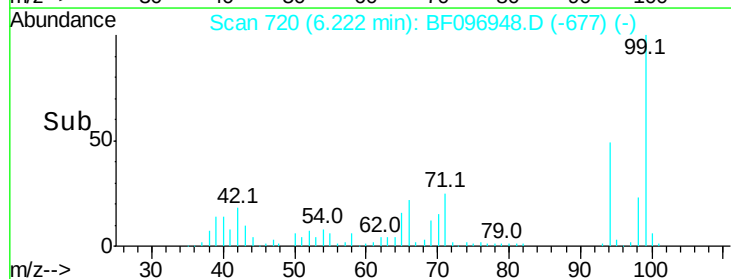
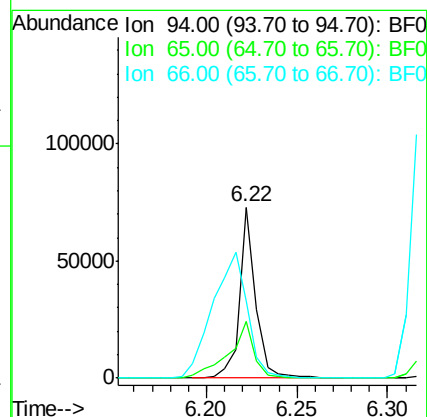
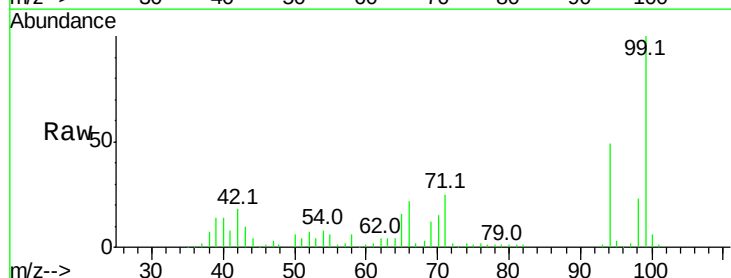
Tgt Ion: 94 Resp: 45400

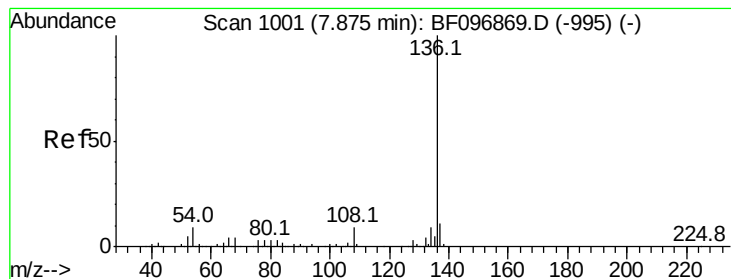
Ion Ratio Lower Upper

94 100

65 33.0 9.9 49.9

66 45.5 23.1 63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.83 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF096948.D

Acq: 21 Jul 2017 17:08

Instrument :

BNA_F

ClientSampleId :

S-5

Tot Ion:136 Resp: 499260

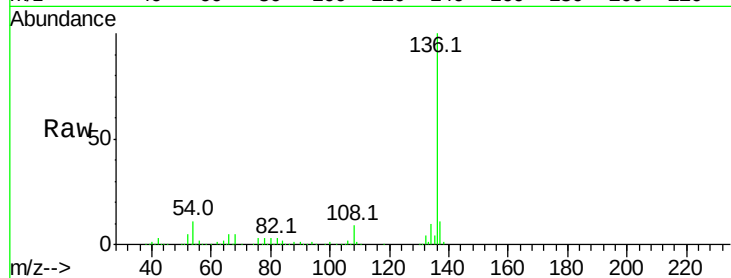
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.7 4.9 7.3#

68 5.2 4.1 6.1

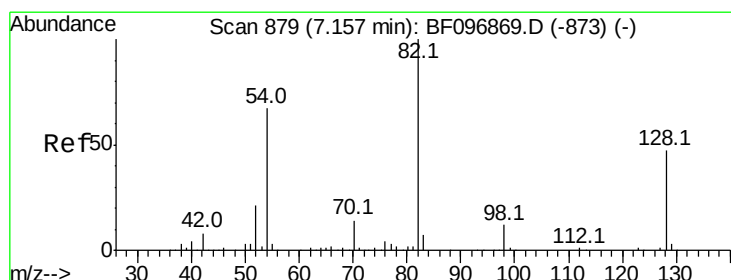
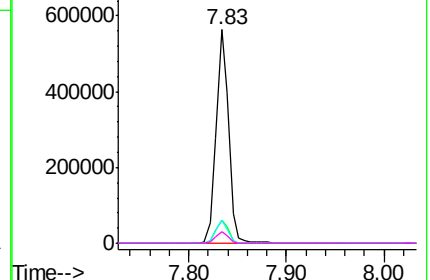
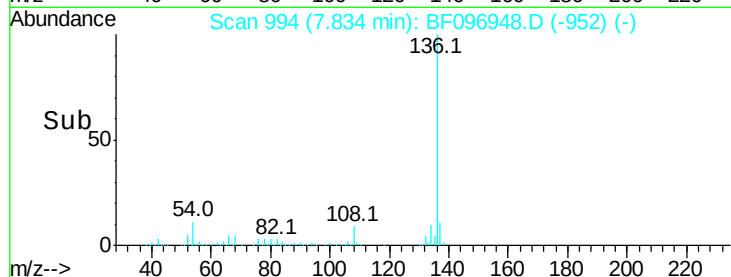


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.591 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF096948.D

Acq: 21 Jul 2017 17:08

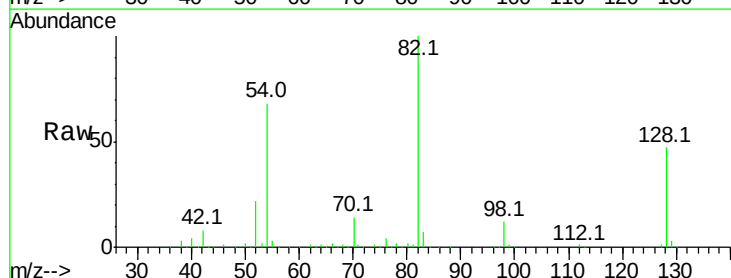
Tgt Ion: 82 Resp: 697944

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

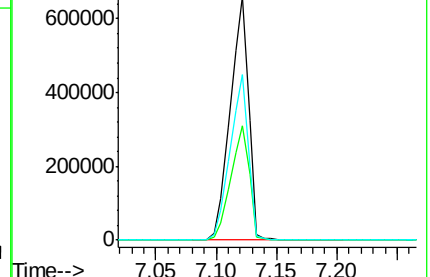
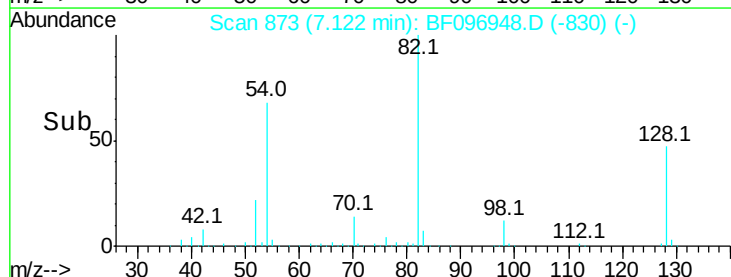
54 67.8 42.2 63.2#

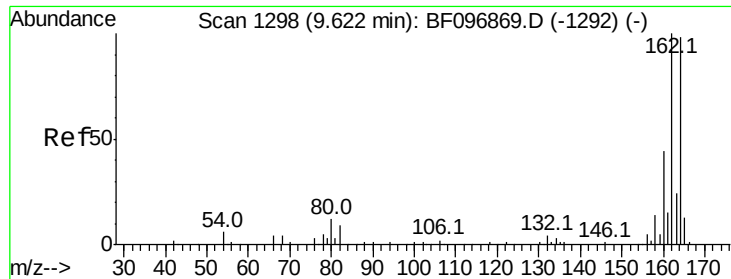


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

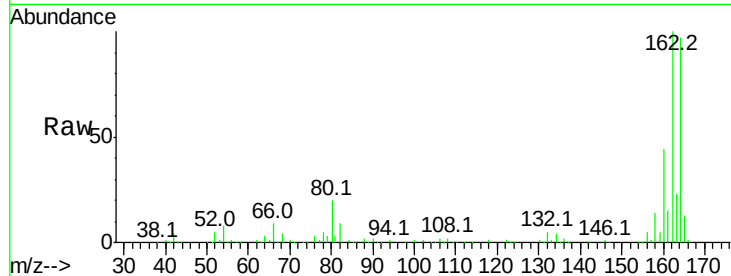




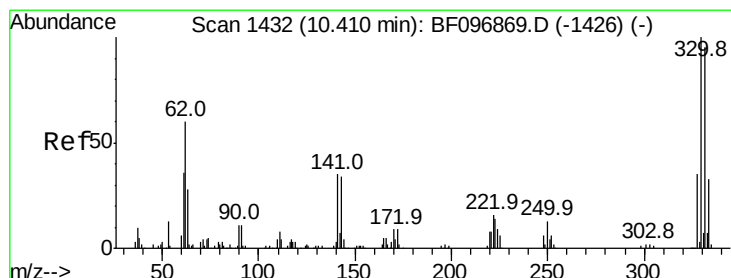
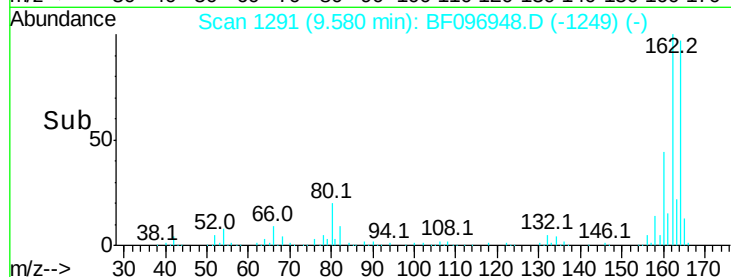
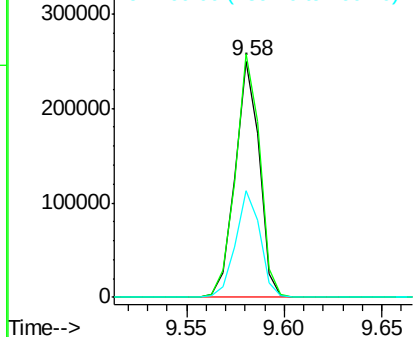
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.58 min Scan# 1291
 Delta R.T. -0.05 min
 Lab File: BF096948.D
 Acq: 21 Jul 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Tot Ion:164 Resp: 213924
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.2 36.2 54.2

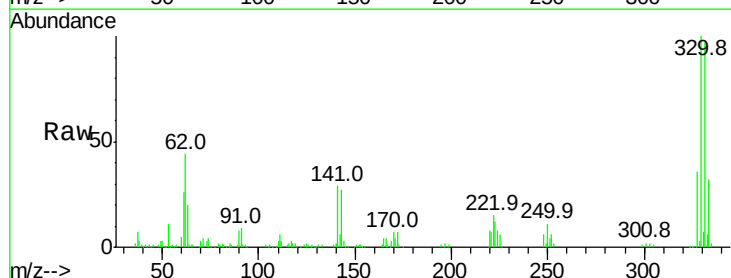


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

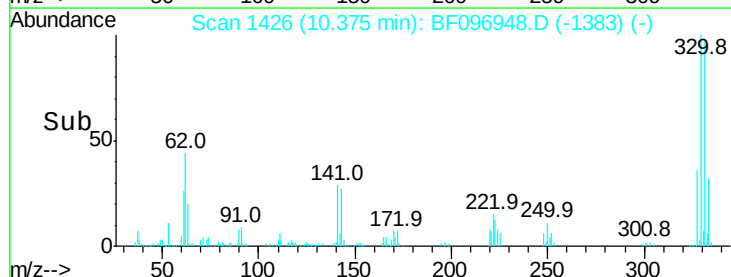
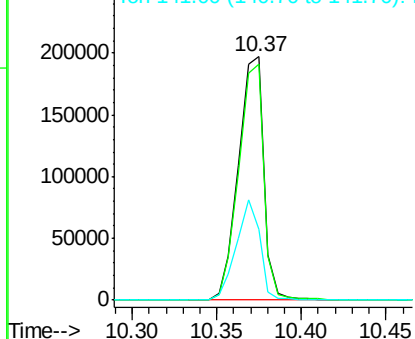


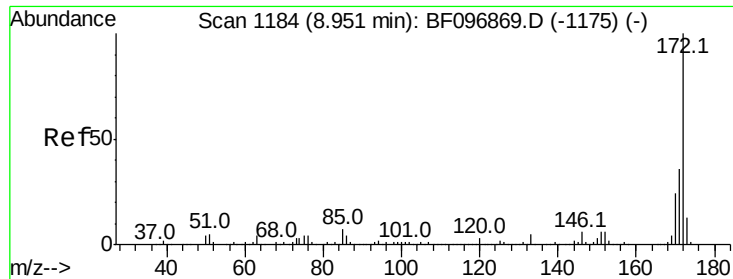
#41
 2,4,6-Tribromophenol
 Concen: 113.617 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096948.D
 Acq: 21 Jul 2017 17:08

Tgt Ion:330 Resp: 207468
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.8 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

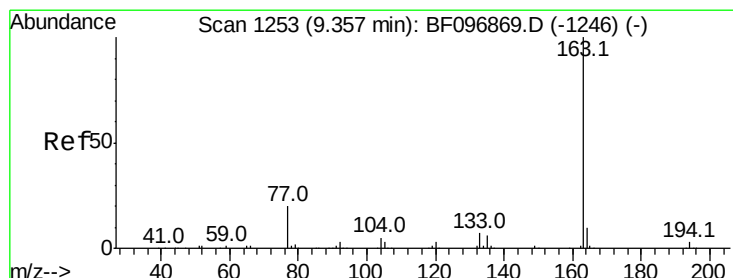
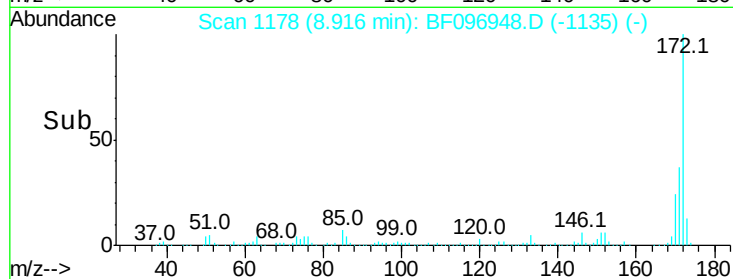
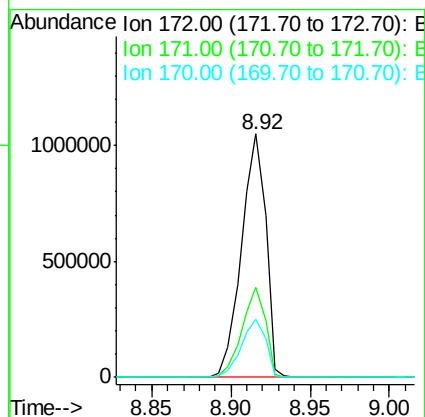
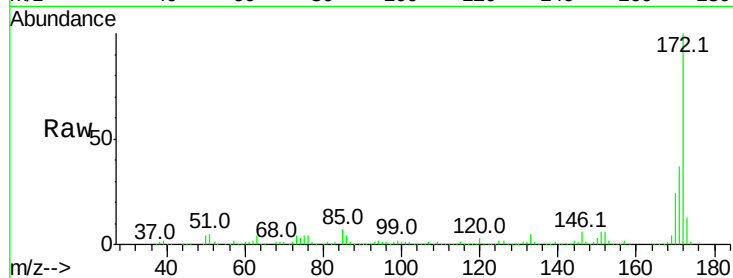




#44
2-Fluorobiphenyl
Concen: 81.998 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096948.D
Acq: 21 Jul 2017 17:08

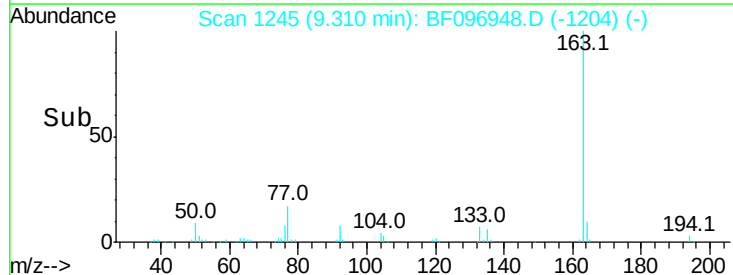
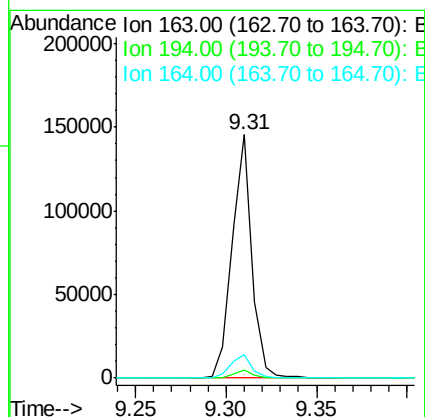
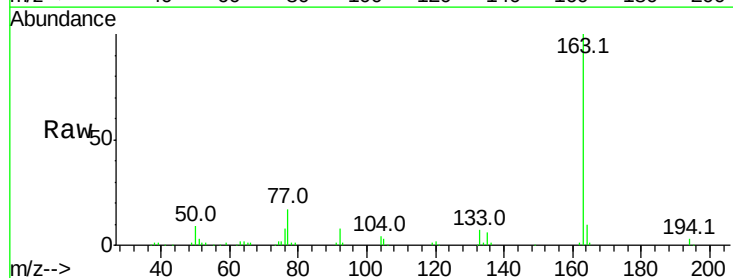
Instrument :
BNA_F
ClientSampled :
S-5

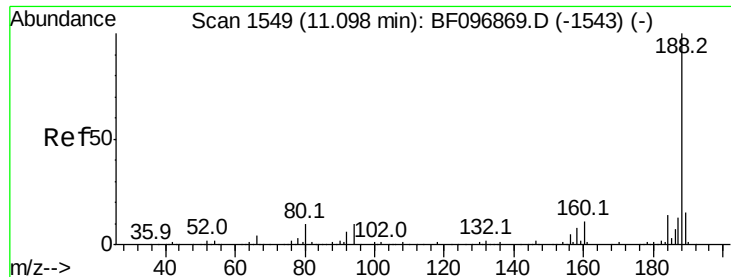
Tot Ion:172 Resp: 1110260
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 6.864 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096948.D
Acq: 21 Jul 2017 17:08

Tgt Ion:163 Resp: 110569
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.6 8.4 12.6

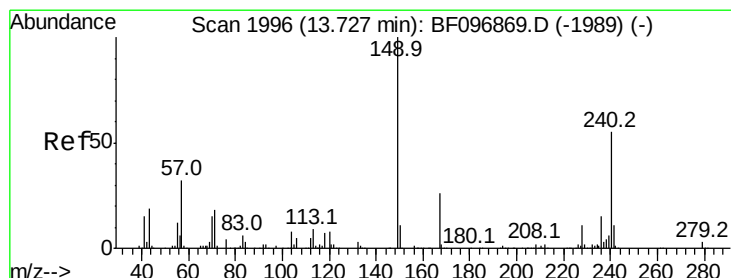
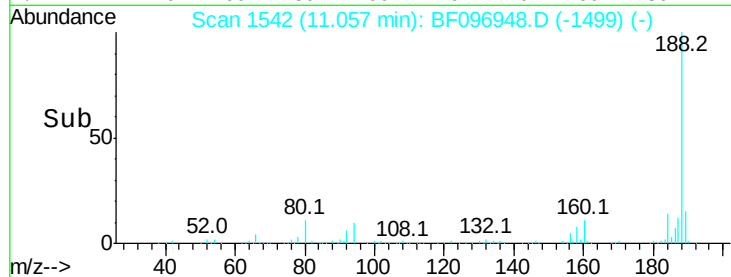
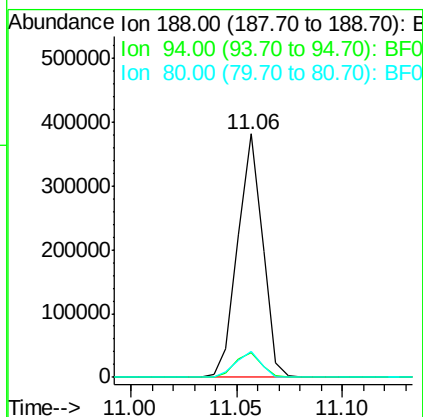
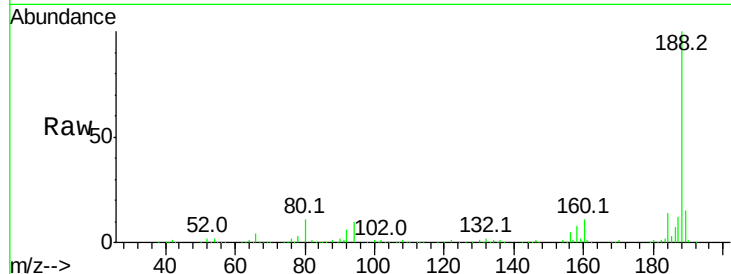




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096948.D
Acq: 21 Jul 2017 17:08

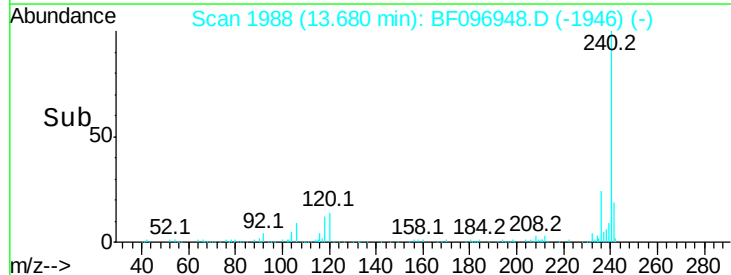
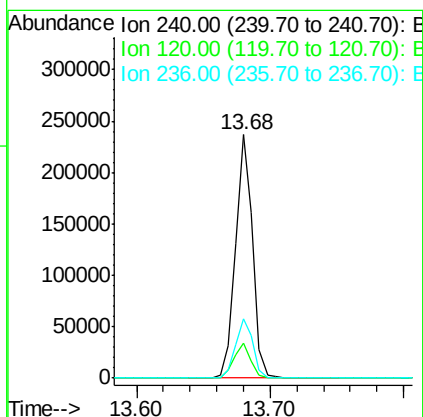
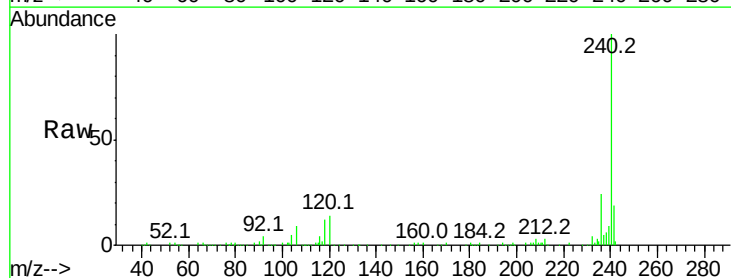
Instrument :
BNA_F
ClientSampled :
S-5

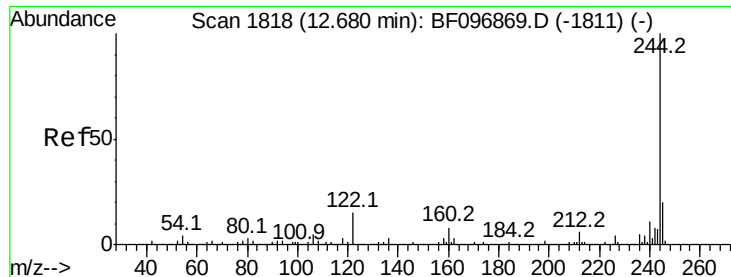
Tot Ion:188 Resp: 310228
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.68 min Scan# 1988
Delta R.T. -0.05 min
Lab File: BF096948.D
Acq: 21 Jul 2017 17:08

Tgt Ion:240 Resp: 211672
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 24.5 20.5 30.7

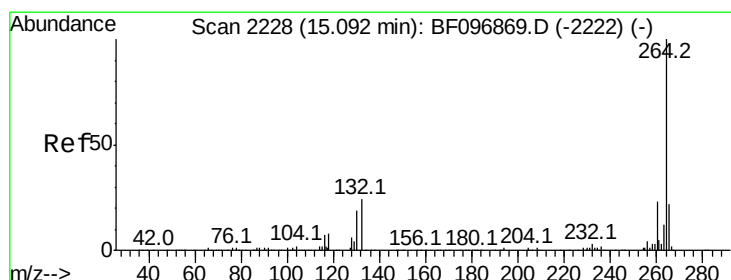
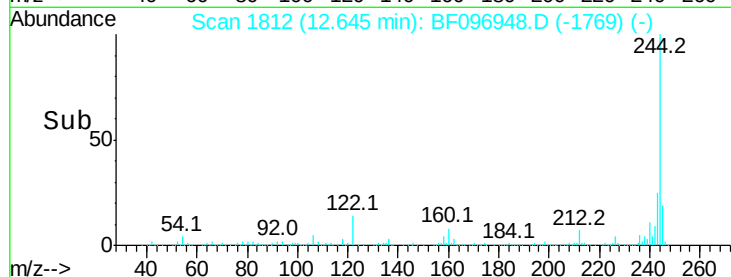
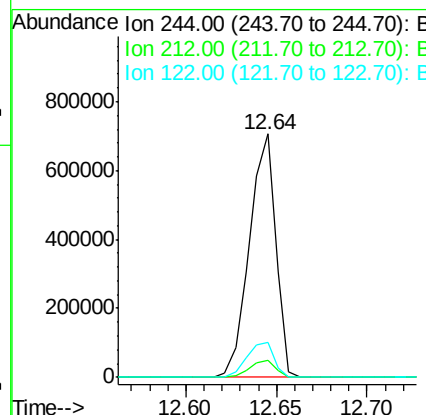
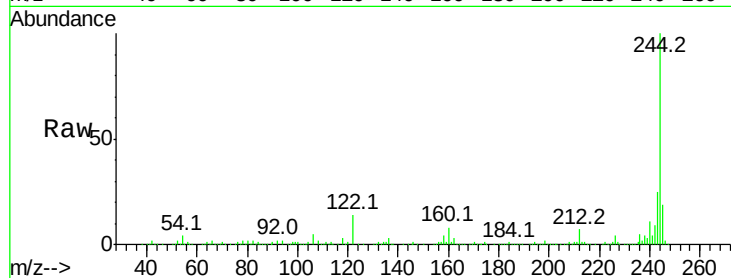




#78
 Terphenyl-d14
 Concen: 58.475 ng
 RT: 12.64 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096948.D
 Acq: 21 Jul 2017 17:08

Instrument :
 BNA_F
 ClientSampled :
 S-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.2	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.04 min Scan# 2220
 Delta R.T. -0.06 min
 Lab File: BF096948.D
 Acq: 21 Jul 2017 17:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.4	17.2	25.8

