

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102320.D
 Acq On : 23 Jan 2018 00:45
 Operator : SJ/JU
 Sample : J1238-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-10.0

Quant Time: Jan 23 07:09:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

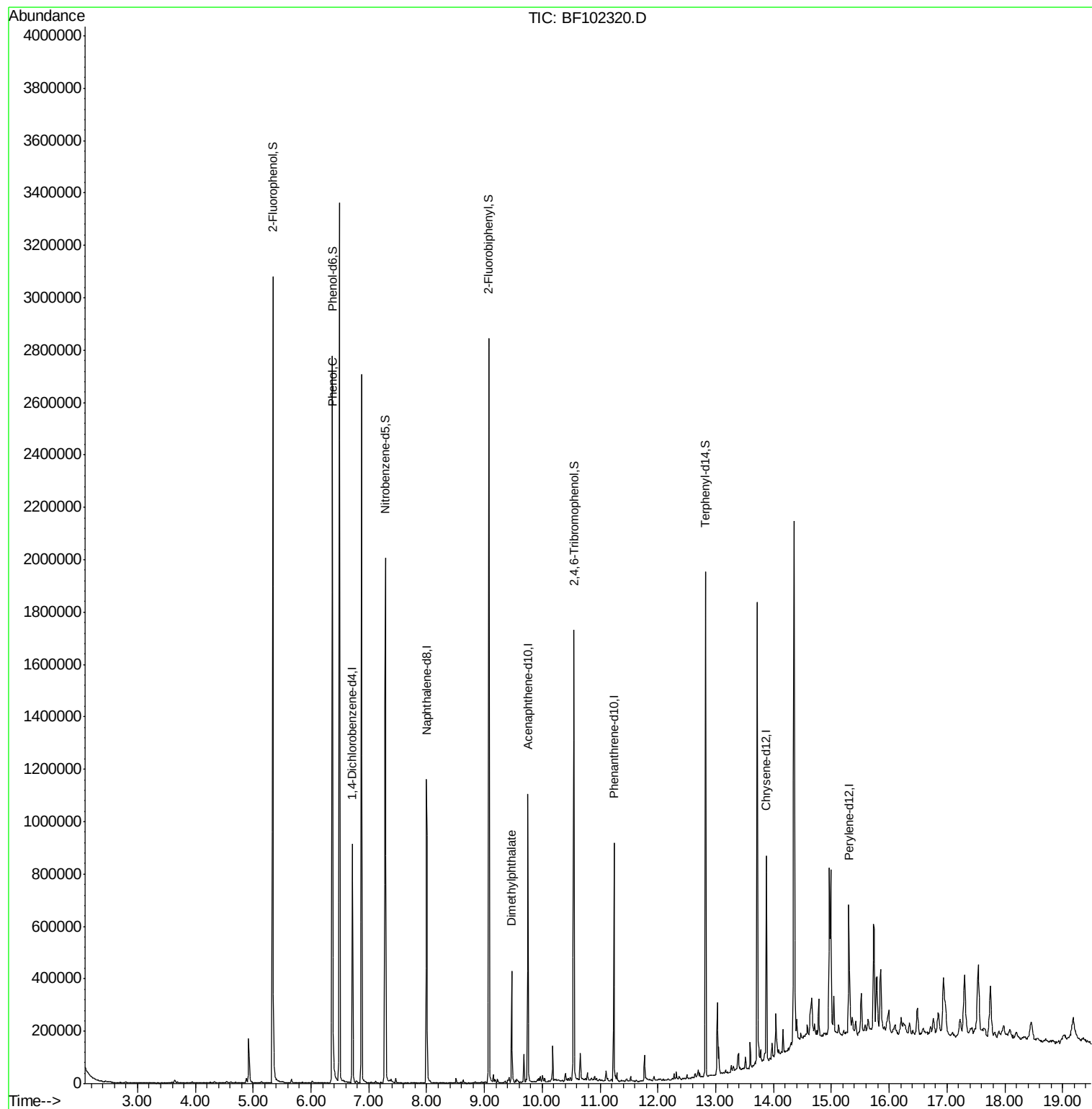
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134506	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	532935	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	212720	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	314701	20.00	ng	0.00
75) Chrysene-d12	13.87	240	263491	20.00	ng	0.00
86) Perylene-d12	15.30	264	208315	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	944216	106.44	ng	0.02
7) Phenol-d6	6.37	99	1120085	104.73	ng	0.01
23) Nitrobenzene-d5	7.29	82	674392	72.72	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	185189	87.86	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	980244	67.76	ng	0.00
78) Terphenyl-d14	12.82	244	660742	56.53	ng	0.00
Target Compounds						
10) Phenol	6.38	94	42032	3.600	ng	94
49) Dimethylphthalate	9.47	163	165257	9.399	ng	99

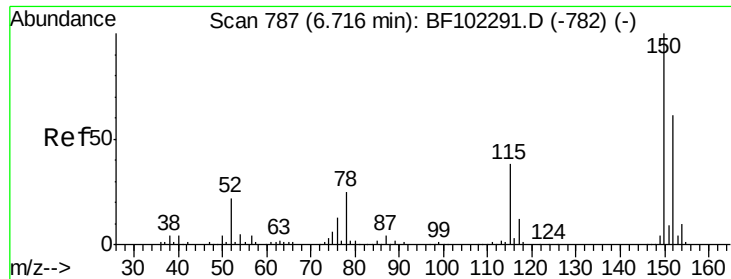
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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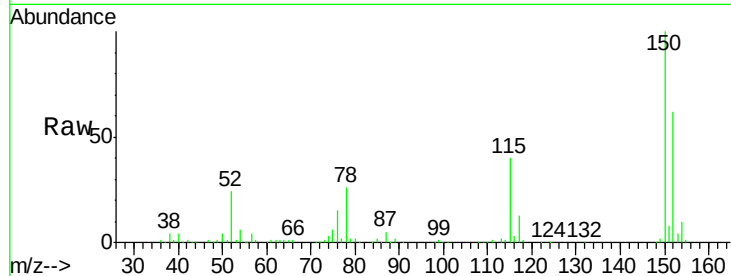


#1

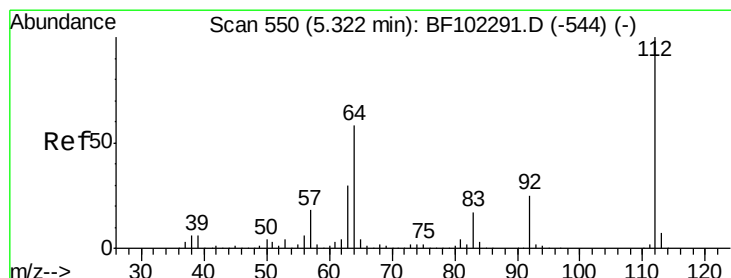
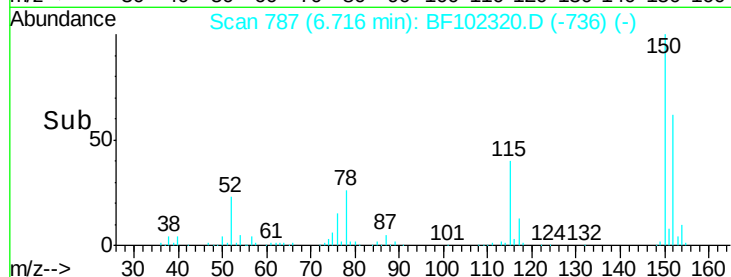
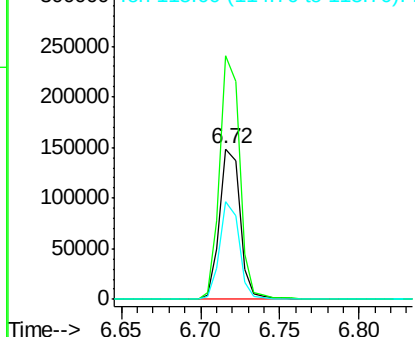
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102320.D
Acq: 23 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-10.0

Tot Ion:152 Resp: 134506
Ion Ratio Lower Upper
152 100
150 162.1 124.6 186.8
115 65.5 50.1 75.1



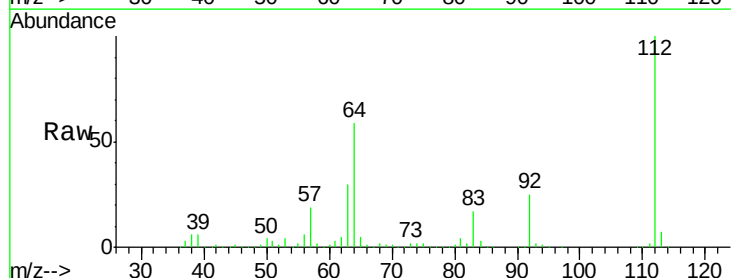
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



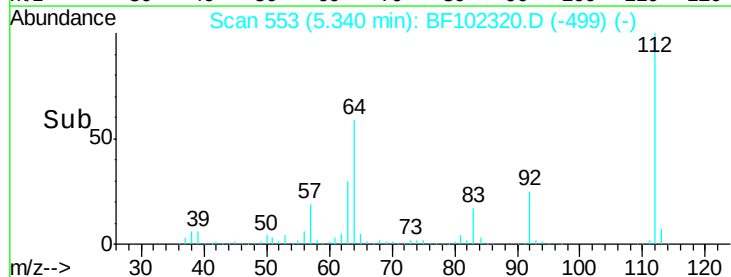
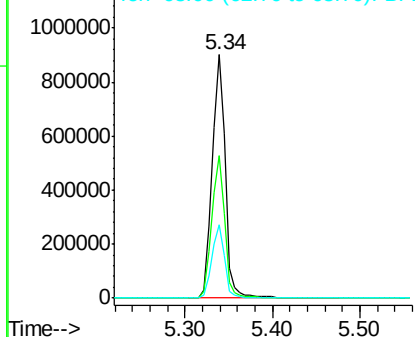
#5

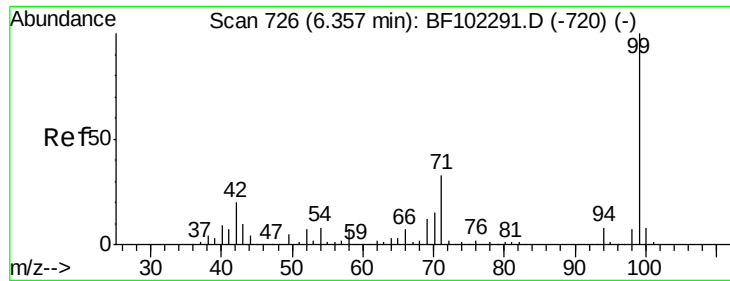
2-Fluorophenol
Concen: 106.440 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102320.D
Acq: 23 Jan 2018 00:45

Tgt Ion:112 Resp: 944216
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.733 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102320.D

Acq: 23 Jan 2018 00:45

Instrument :

BNA_F

ClientSampled :

SB-04-9.5-10.0

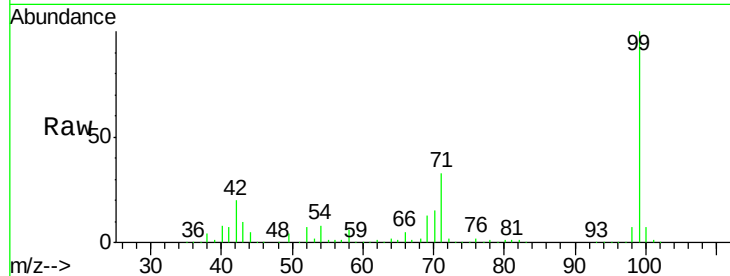
Tot Ion: 99 Resp: 1120085

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

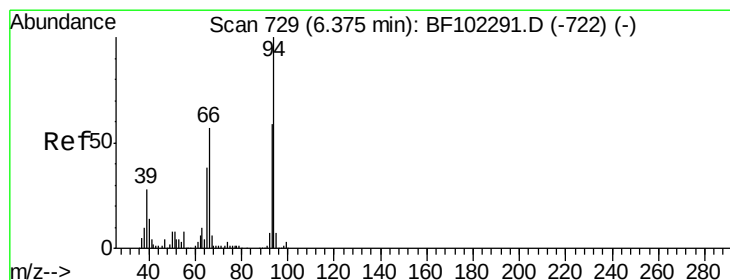
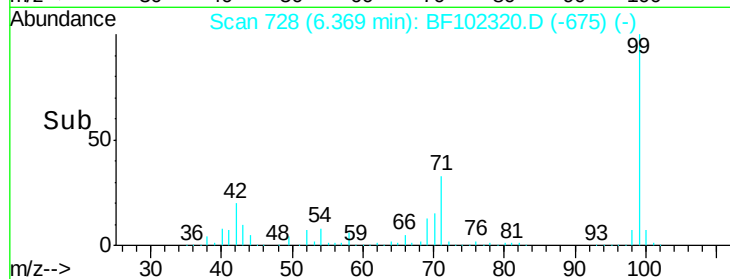
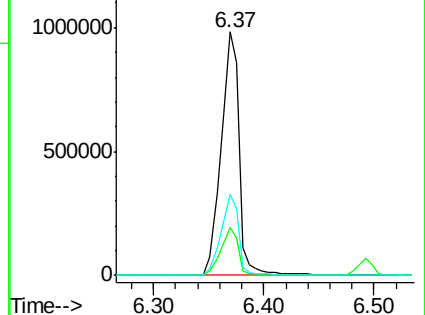
71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.600 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102320.D

Acq: 23 Jan 2018 00:45

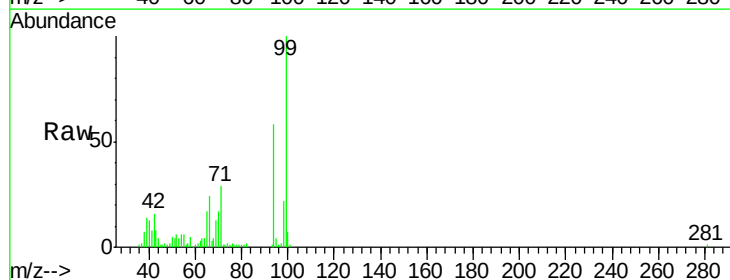
Tgt Ion: 94 Resp: 42032

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

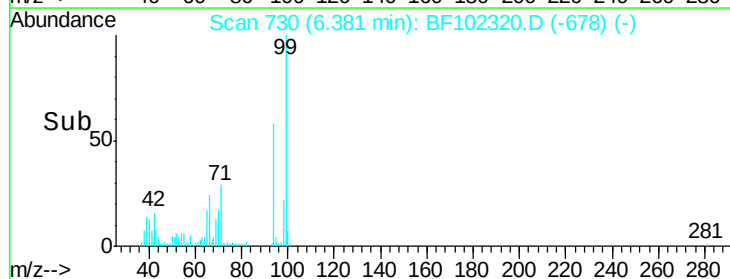
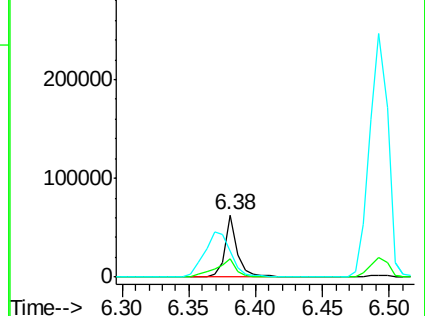
66 41.7 16.2 56.2

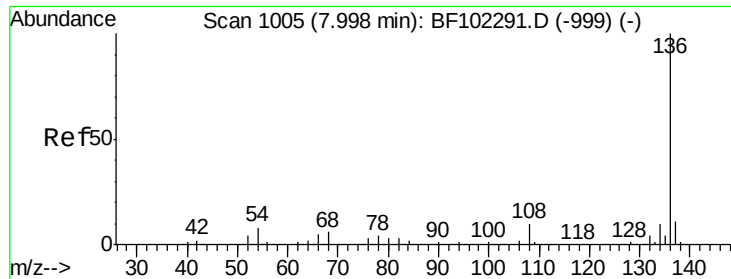


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

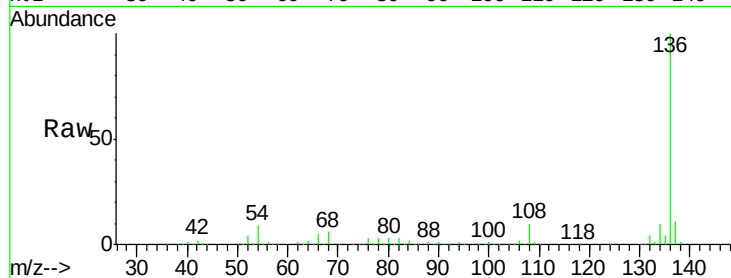




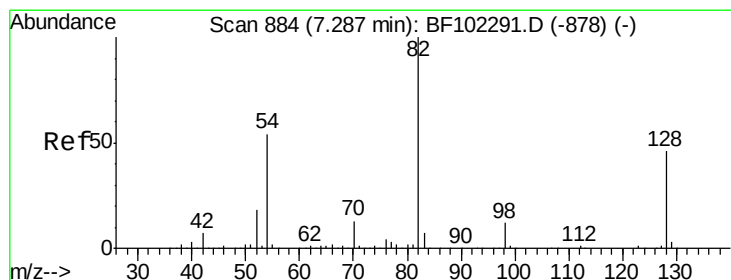
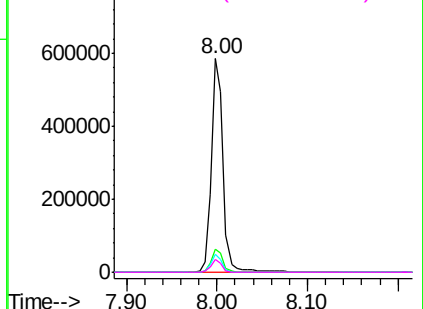
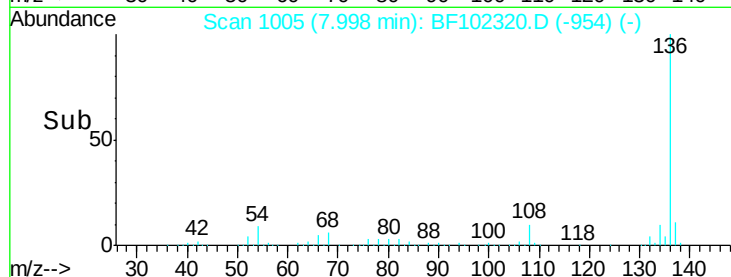
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102320.D
Acq: 23 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-10.0

Tot Ion:136	Resp:	532935
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	8.6	6.6 9.8
68	5.8	5.0 7.4

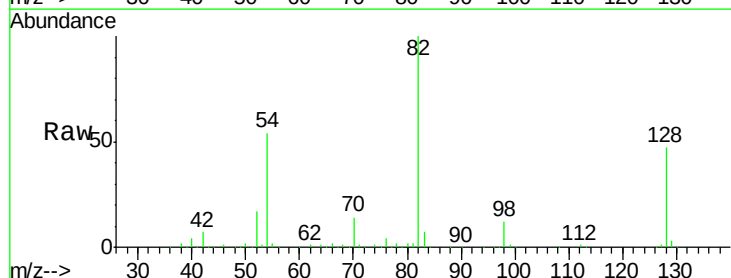


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

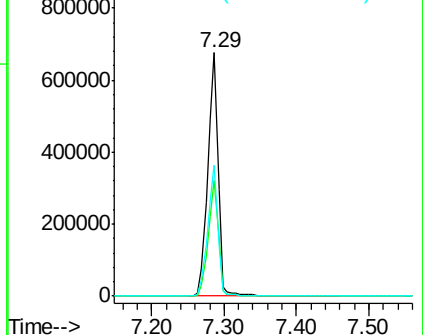
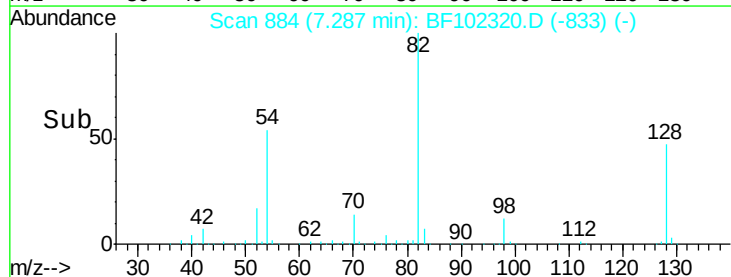


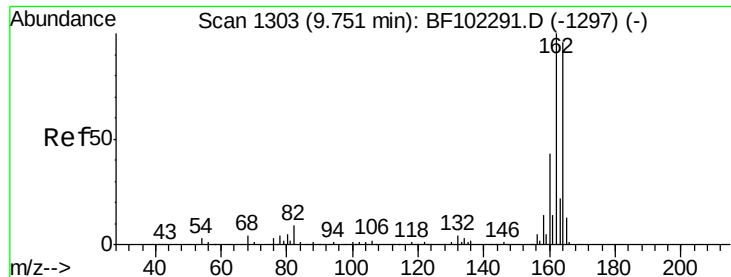
#23
Nitrobenzene-d5
Concen: 72.720 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102320.D
Acq: 23 Jan 2018 00:45

Tgt Ion: 82	Resp:	674392
Ion	Ratio	Lower Upper
82	100	
128	47.4	36.1 54.1
54	53.9	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

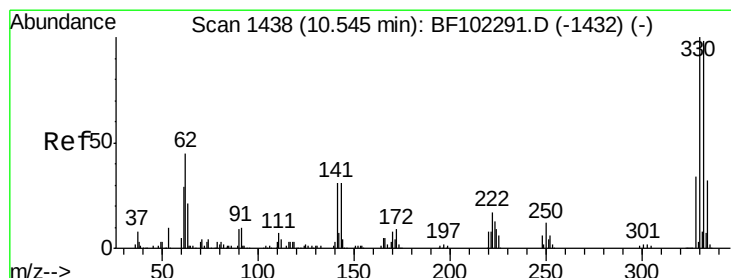
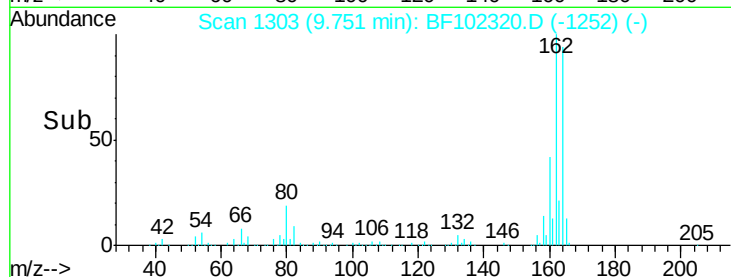
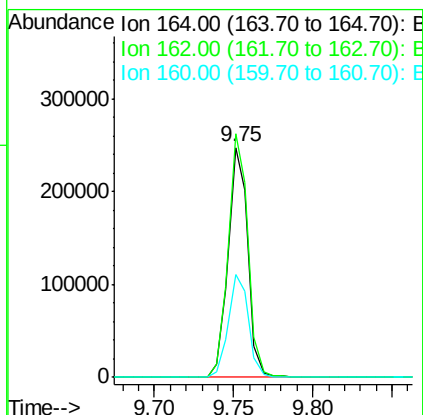
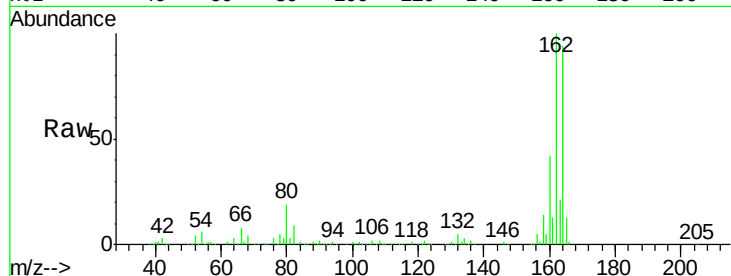




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102320.D
 Acq: 23 Jan 2018 00:45

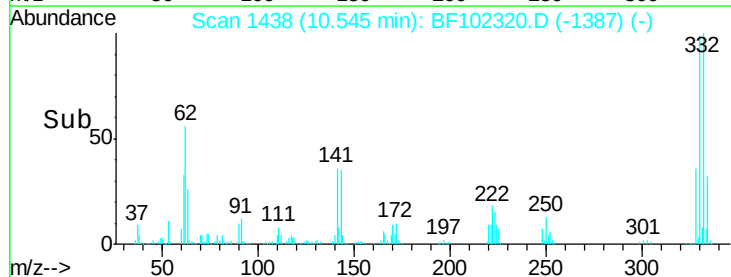
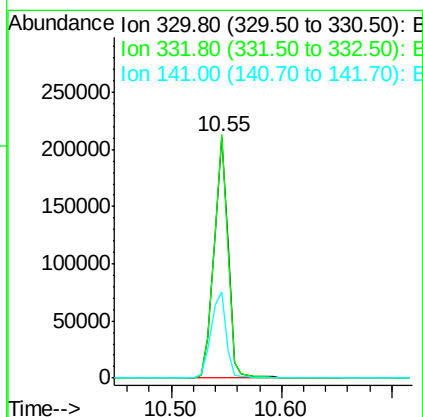
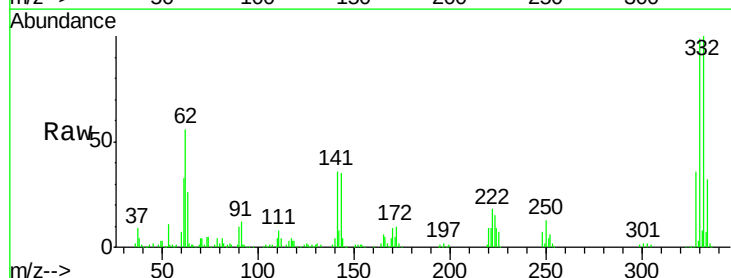
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-10.0

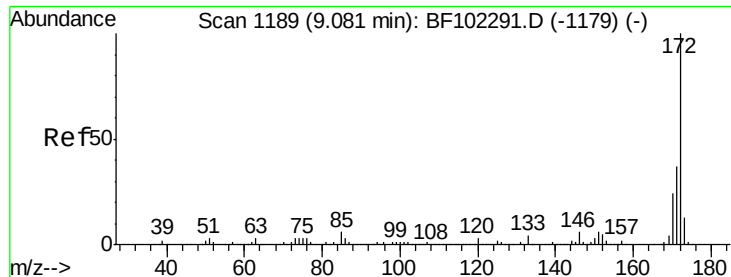
Tot Ion:164 Resp: 212720
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 44.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 87.861 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102320.D
 Acq: 23 Jan 2018 00:45

Tgt Ion:330 Resp: 185189
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 37.8 29.9 44.9

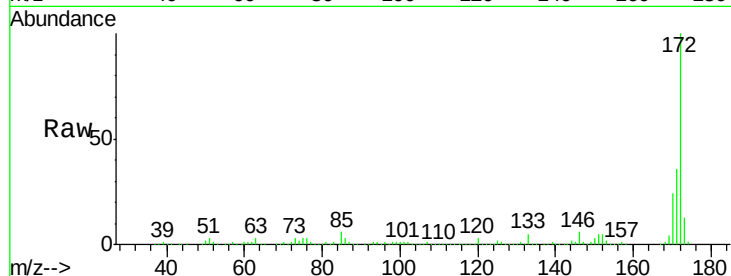




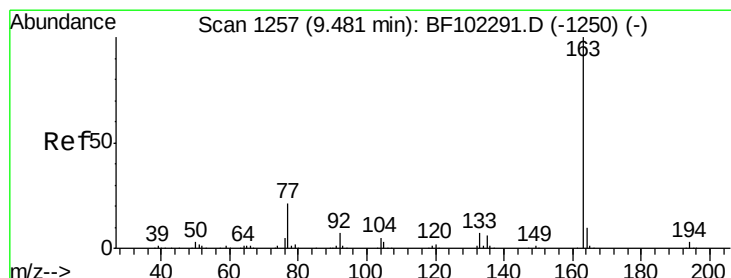
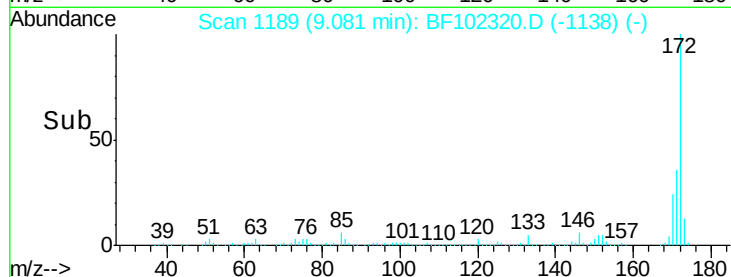
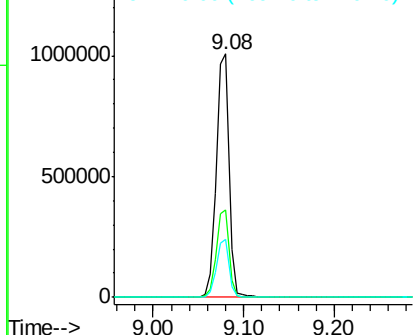
#44
2-Fluorobiphenyl
Concen: 67.756 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102320.D
Acq: 23 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-10.0

Tot Ion:172 Resp: 980244
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.8 19.6 29.4

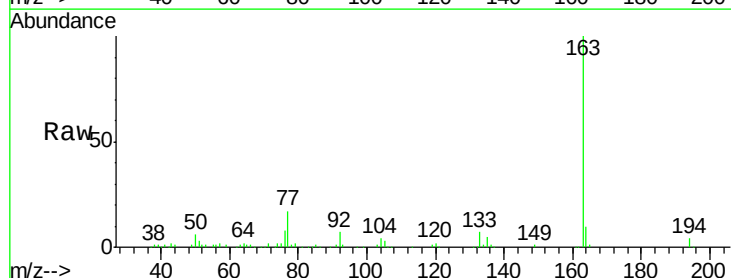


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

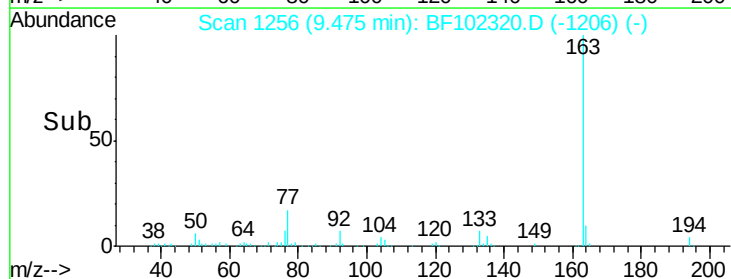
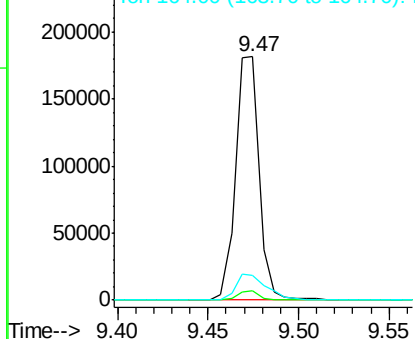


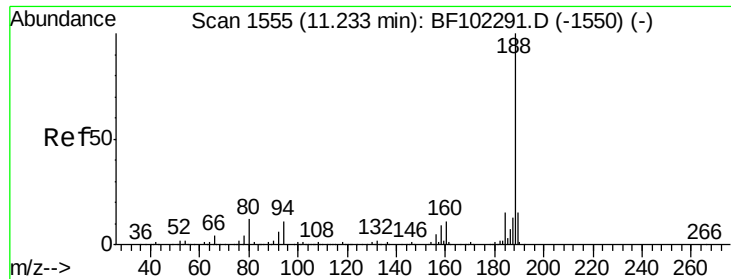
#49
Dimethylphthalate
Concen: 9.399 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102320.D
Acq: 23 Jan 2018 00:45

Tgt Ion:163 Resp: 165257
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

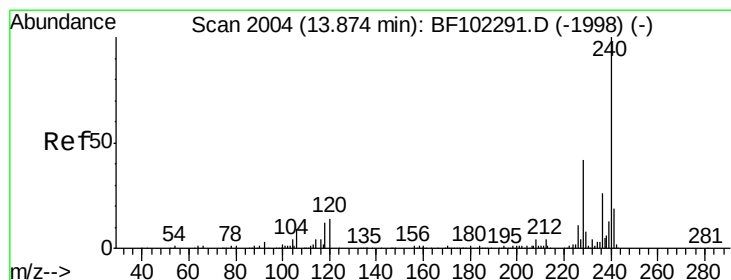
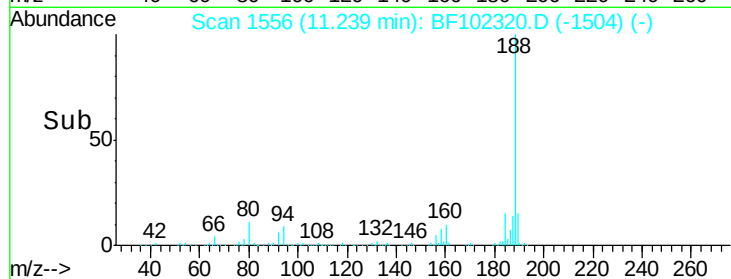
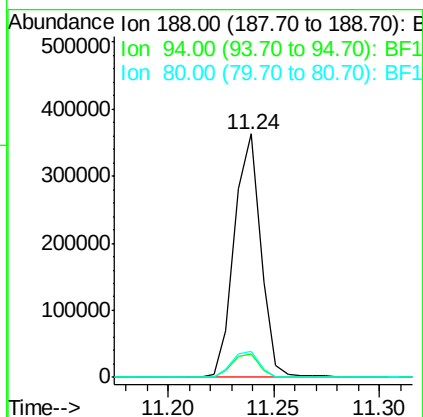
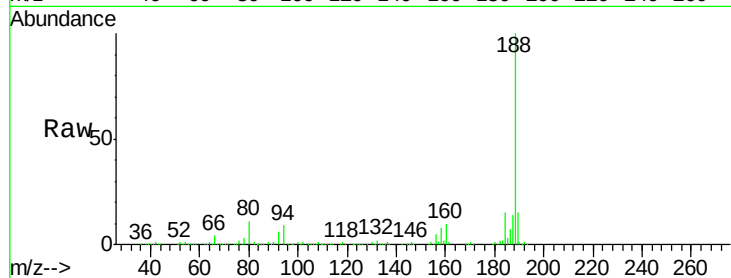




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102320.D
Acq: 23 Jan 2018 00:45

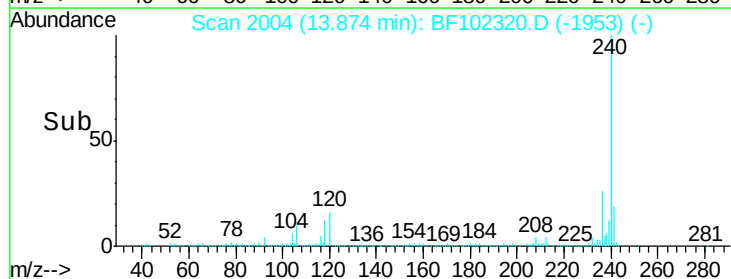
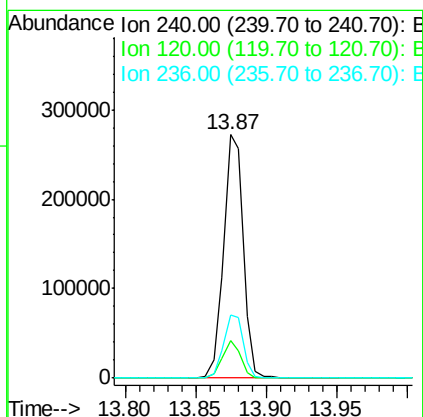
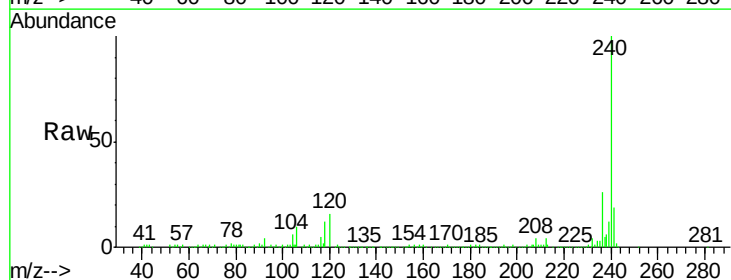
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SB-04-9.5-10.0

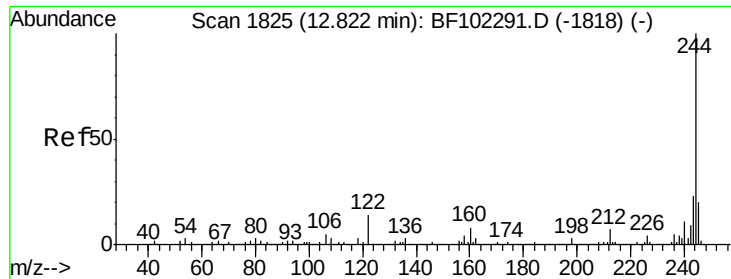
Tot Ion:188 Resp: 314701
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102320.D
Acq: 23 Jan 2018 00:45

Tgt Ion:240 Resp: 263491
Ion Ratio Lower Upper
240 100
120 15.6 9.5 14.3#
236 25.7 20.7 31.1

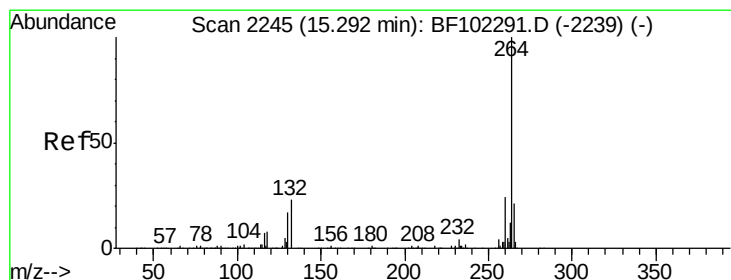
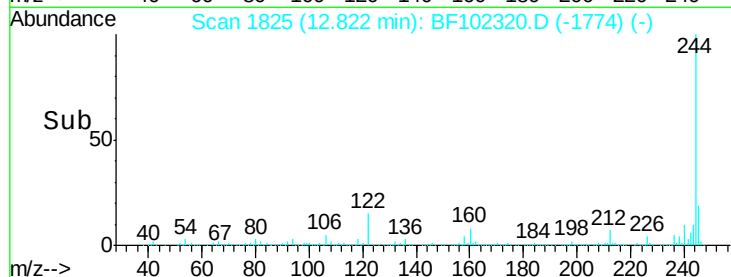
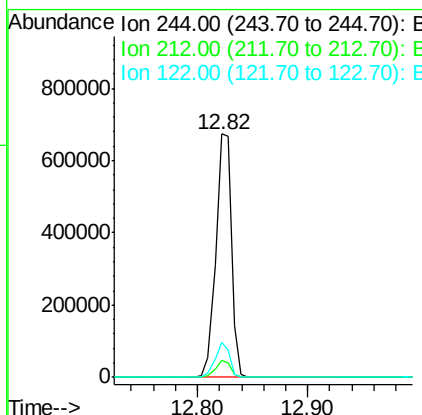
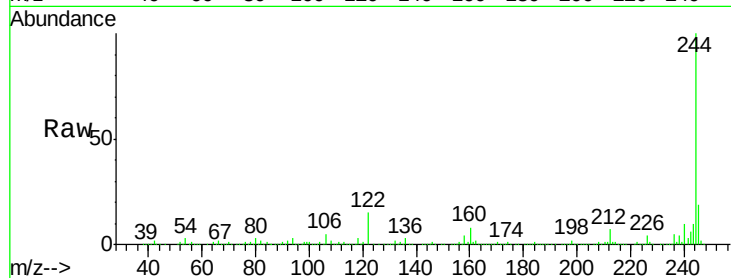




#78
 Terphenyl-d14
 Concen: 56.531 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102320.D
 Acq: 23 Jan 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-10.0

Tot Ion:244 Resp: 660742
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102320.D
 Acq: 23 Jan 2018 00:45

Tgt Ion:264 Resp: 208315
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.7 17.5 26.3

