

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099571.D
 Acq On : 17 Oct 2017 3:46
 Operator : SJ/JU
 Sample : I5821-02RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-5B-23.5-24-BGSRE

Quant Time: Oct 17 04:34:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

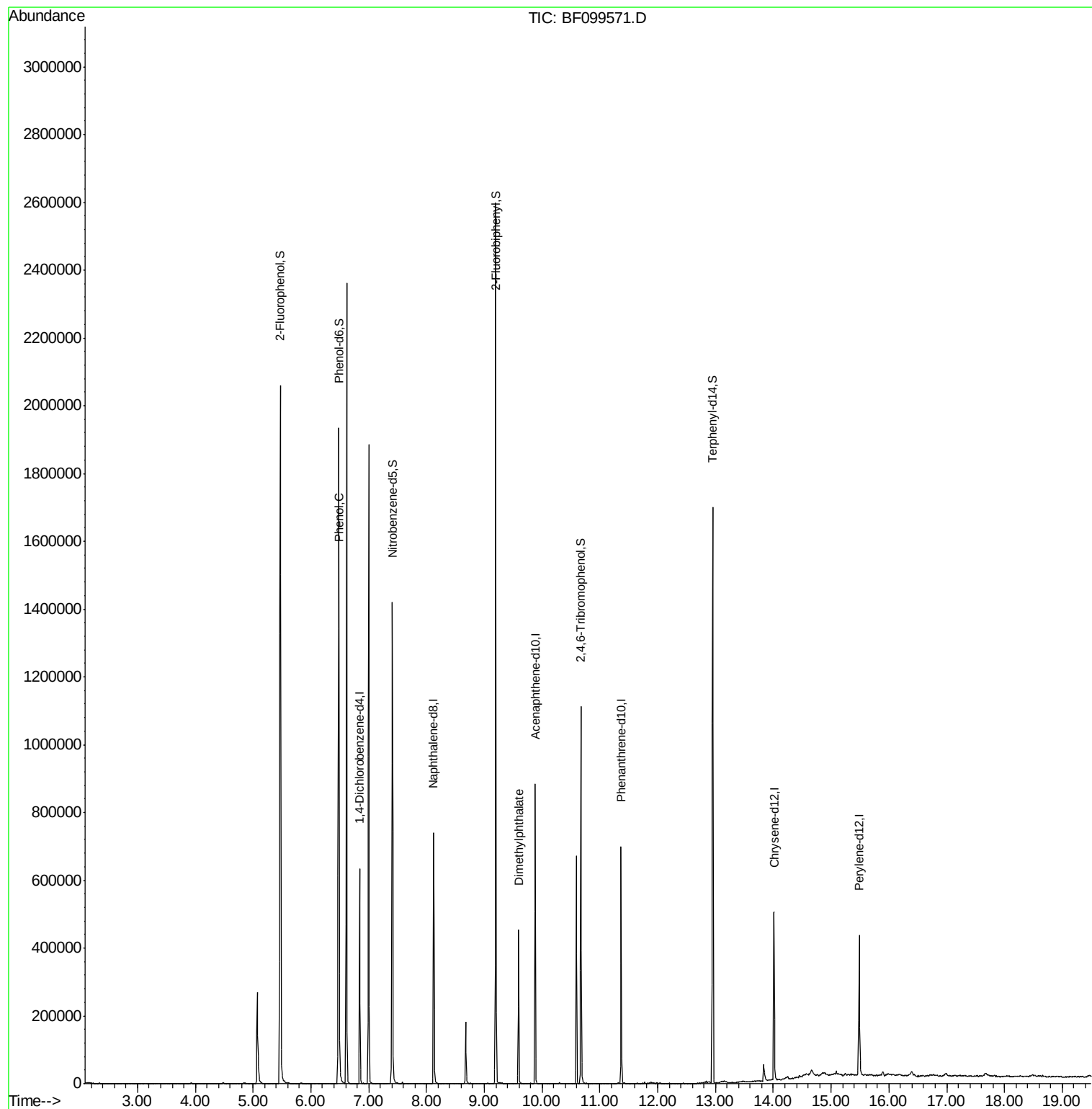
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95305	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	379982	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	158729	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	231356	20.00	ng	0.00
75) Chrysene-d12	14.02	240	174689	20.00	ng	0.00
86) Perylene-d12	15.49	264	183195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	667008	111.41	ng	0.00
7) Phenol-d6	6.48	99	790056	106.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	462187	78.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	130572	100.53	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	846885	89.07	ng	-0.01
78) Terphenyl-d14	12.95	244	519684	67.66	ng	0.00
Target Compounds						
10) Phenol	6.49	94	45702	5.533	ng	97
49) Dimethylphthalate	9.59	163	176447	14.728	ng	100

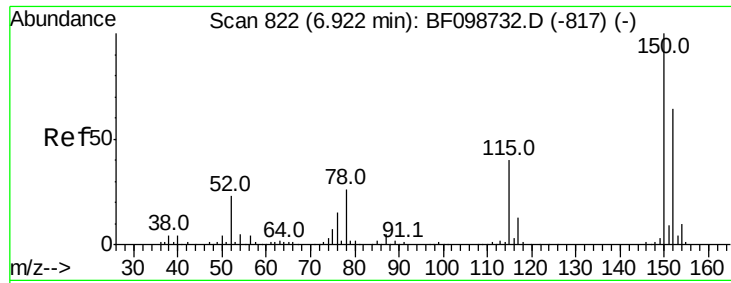
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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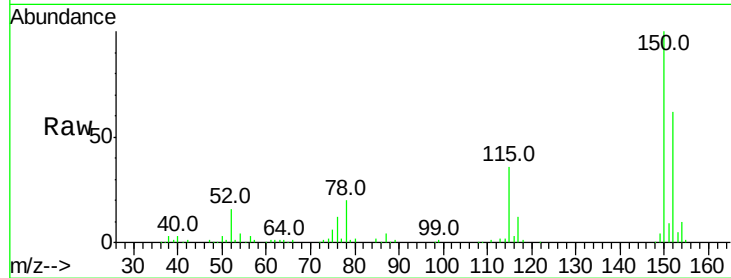


#1

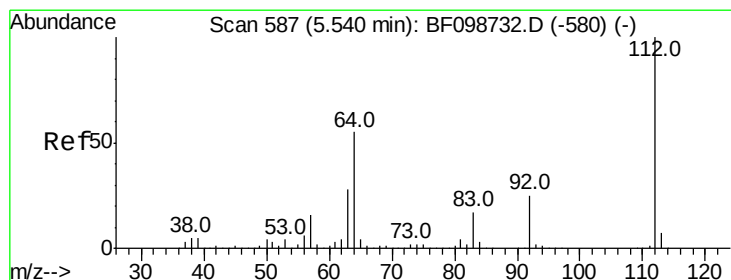
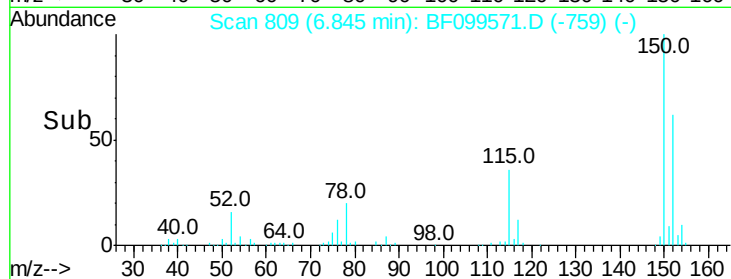
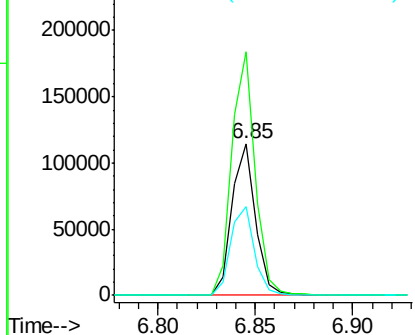
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-5B-23.5-24-BGSRE

Tot Ion:152 Resp: 95305
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.6 186.8
 115 58.1 50.1 75.1



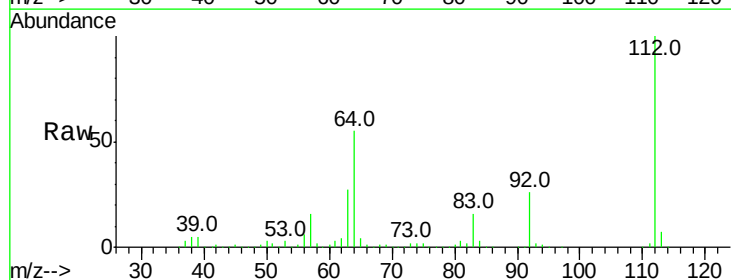
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



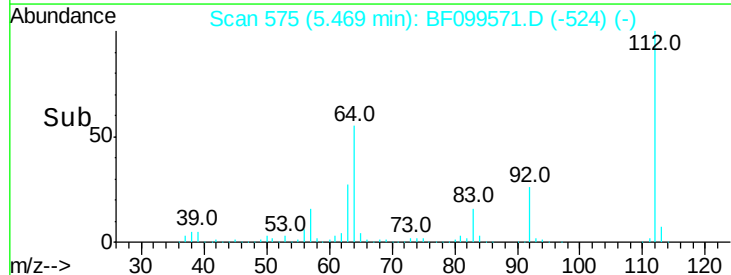
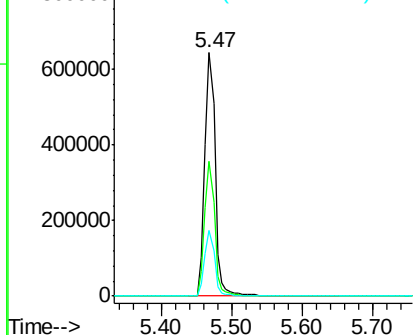
#5

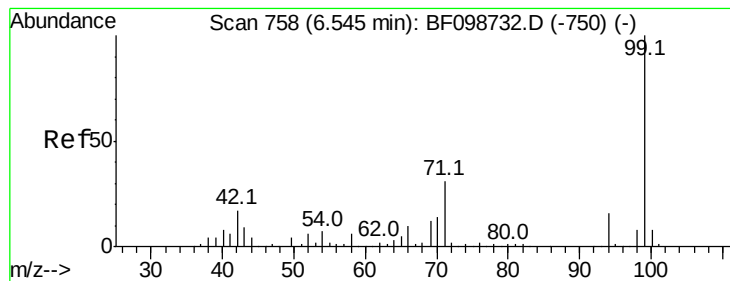
2-Fluorophenol
 Concen: 111.412 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Tgt Ion:112 Resp: 667008
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.9 71.9
 63 26.8 23.7 35.5



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: 106.974 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099571.D

Acq: 17 Oct 2017 3:46

Instrument :

BNA_F

ClientSampleId :

WPSB-5B-23.5-24-BGSRE

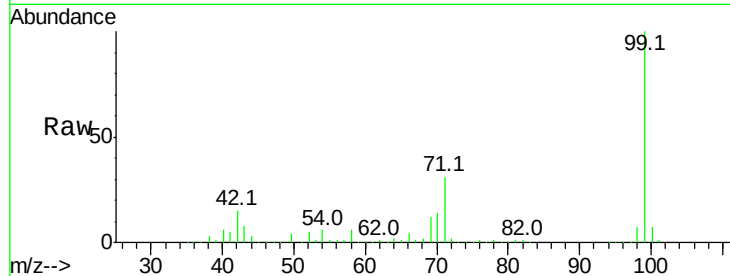
Tot Ion: 99 Resp: 790056

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

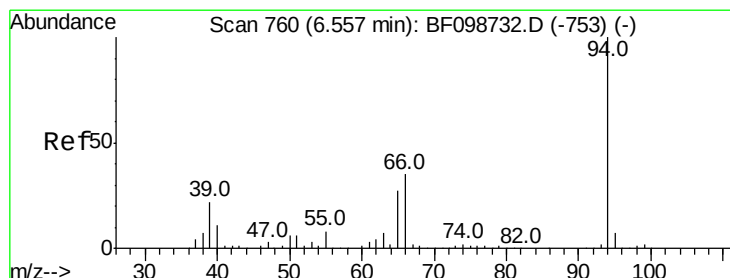
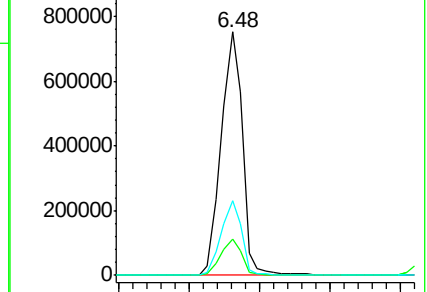
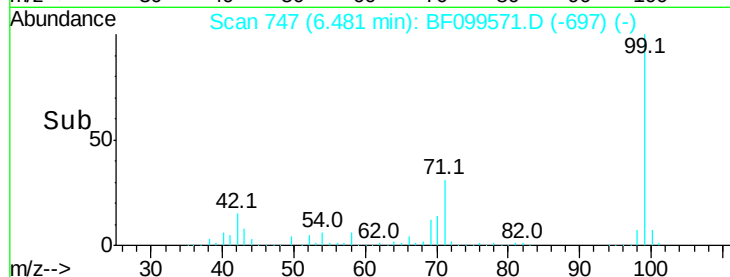
71 30.7 25.4 38.0



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: 5.533 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099571.D

Acq: 17 Oct 2017 3:46

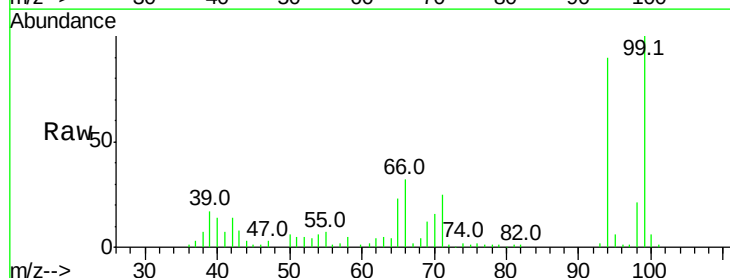
Tgt Ion: 94 Resp: 45702

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

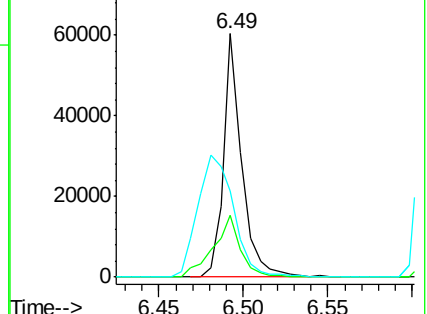
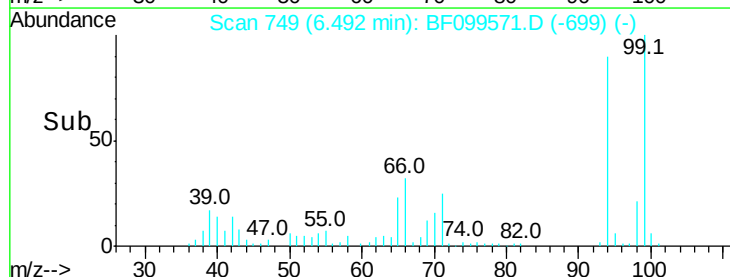
66 35.4 16.2 56.2

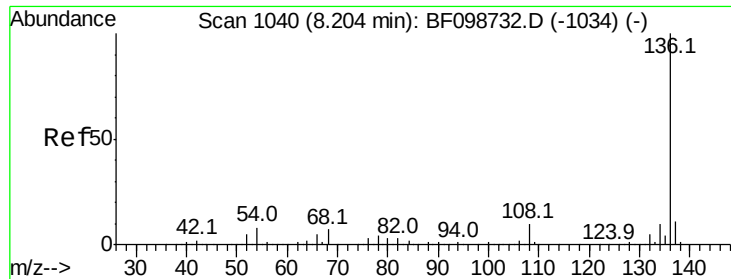


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

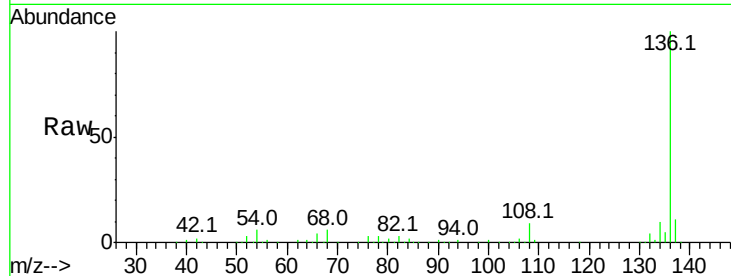




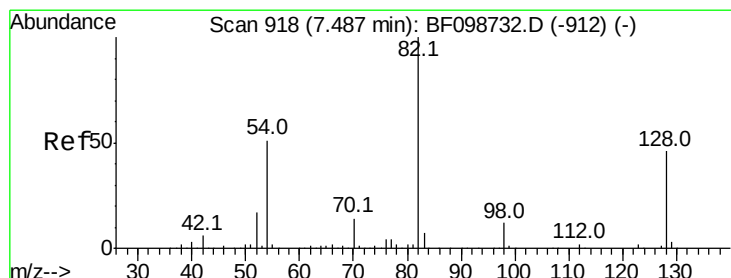
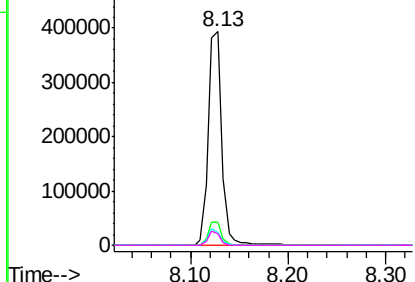
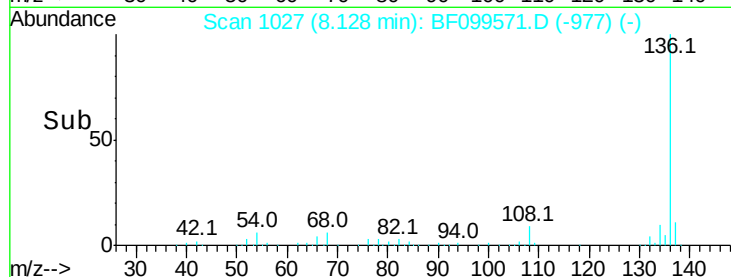
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :
WPSB-5B-23.5-24-BGSRE

Tot Ion:	136	Resp:	379982
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4

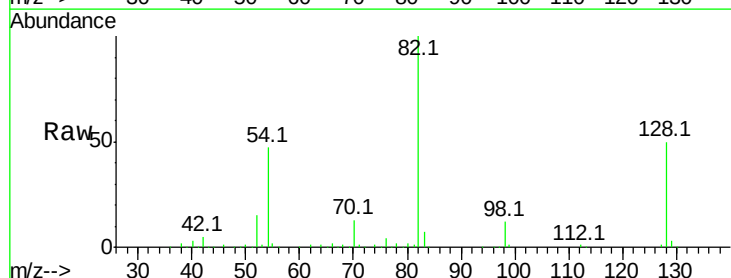


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

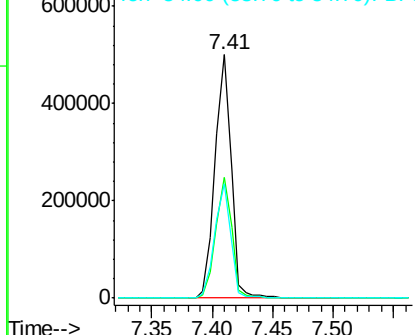
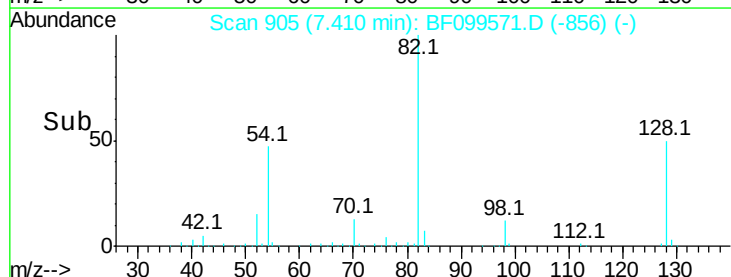


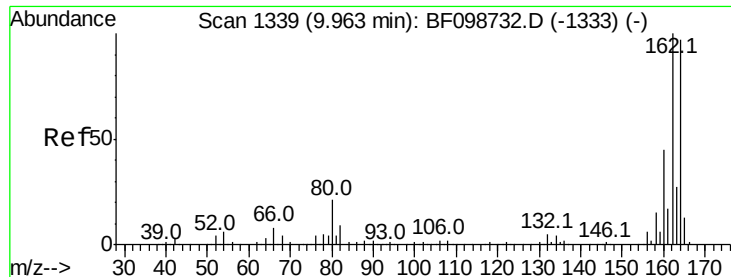
#23
Nitrobenzene-d5
Concen: 78.004 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Tgt Ion:	82	Resp:	462187
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	47.1	41.4	62.2



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

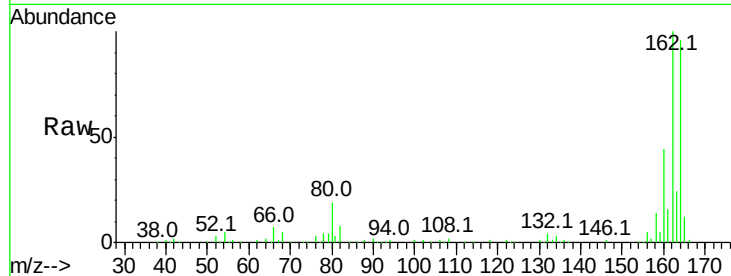




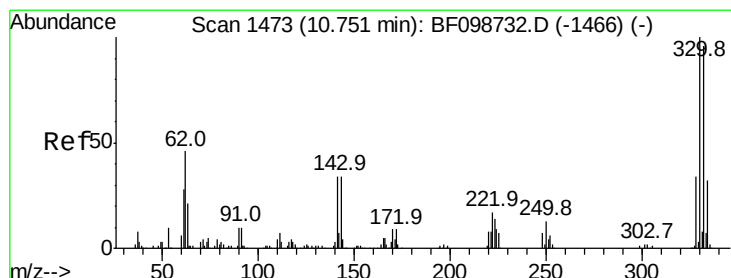
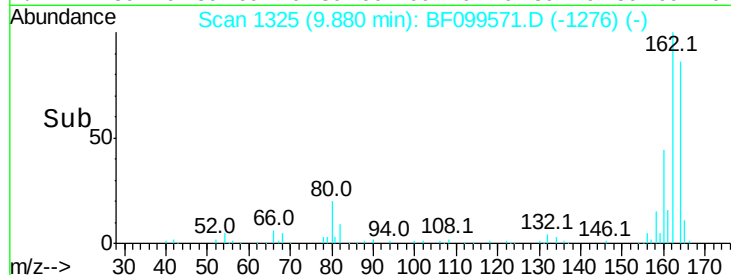
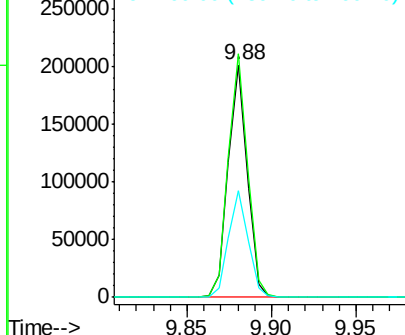
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :
WPSB-5B-23.5-24-BGSRE

Tot Ion:164 Resp: 158729
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 45.8 38.3 57.5

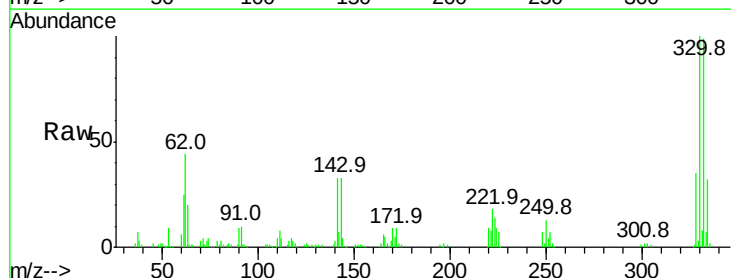


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

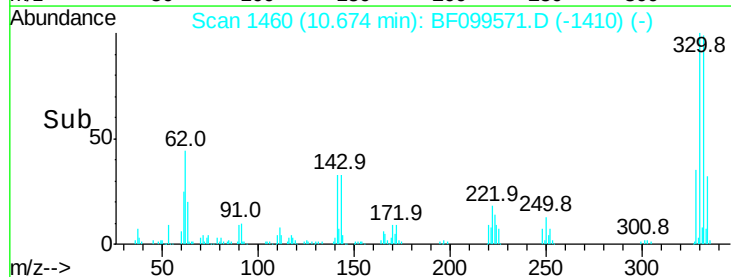
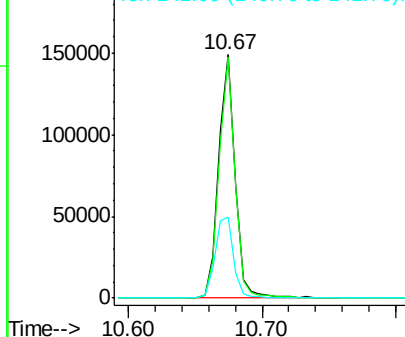


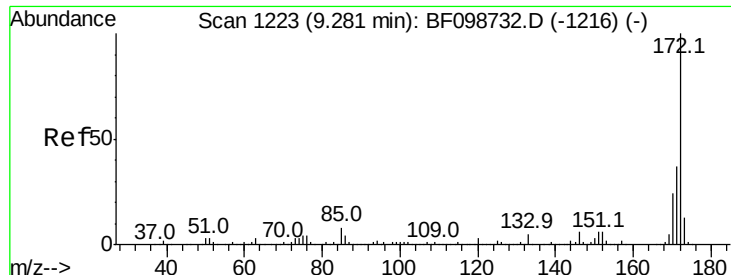
#41
2,4,6-Tribromophenol
Concen: 100.530 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Tgt Ion:330 Resp: 130572
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 37.2 29.9 44.9



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

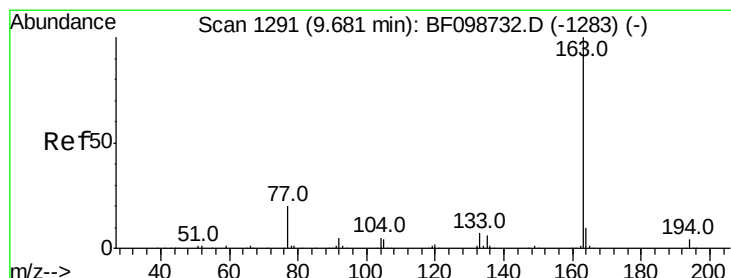
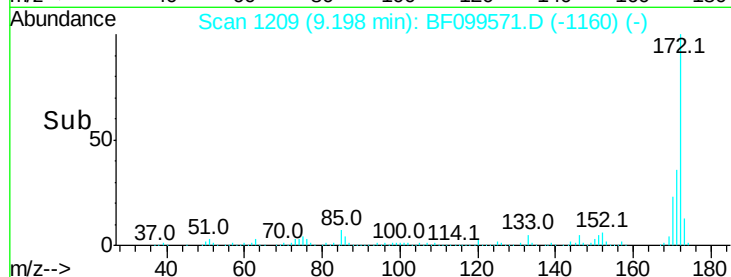
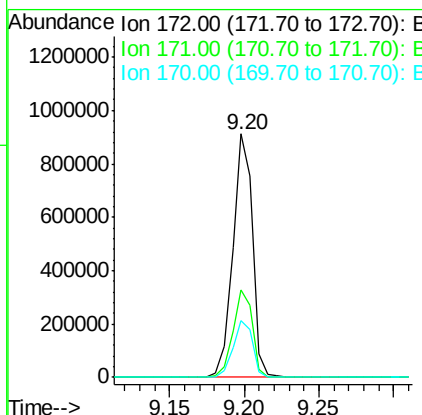
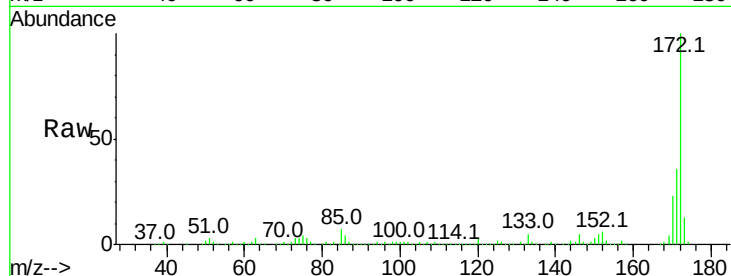




#44
 2-Fluorobiphenyl
 Concen: 89.070 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

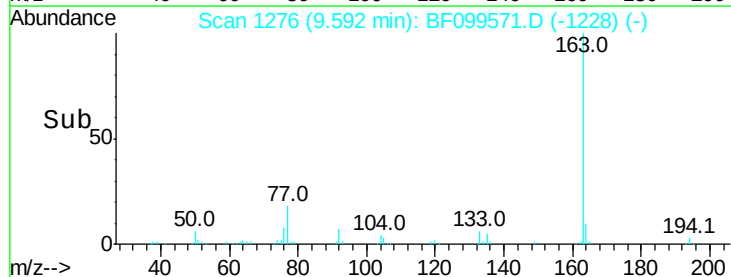
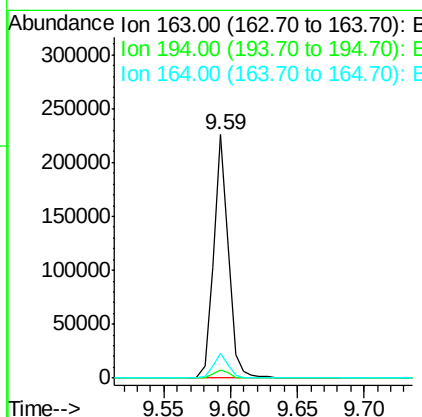
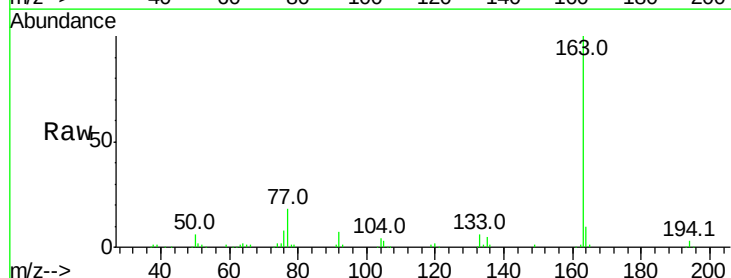
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 WPSB-5B-23.5-24-BGSRE

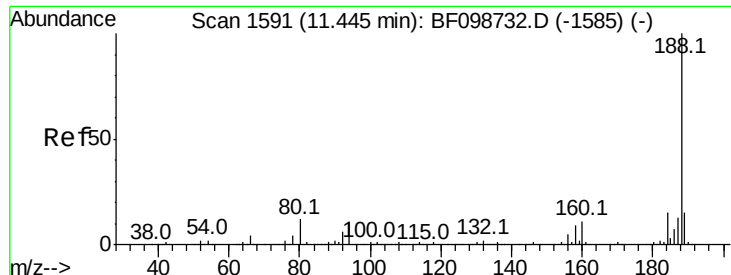
Tot Ion:172 Resp: 846885
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.5 19.6 29.4



#49
 Dimethylphthalate
 Concen: 14.728 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Tgt Ion:163 Resp: 176447
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.2 8.2 12.2

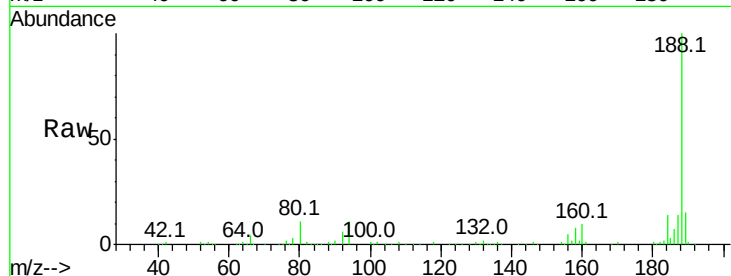




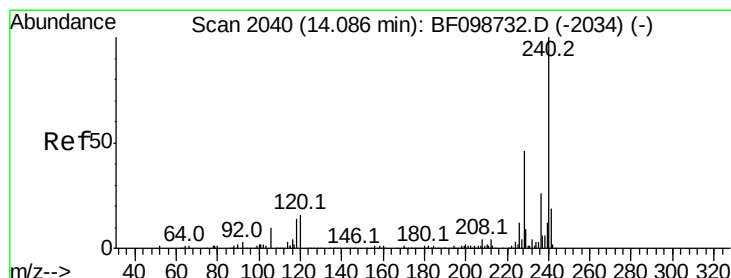
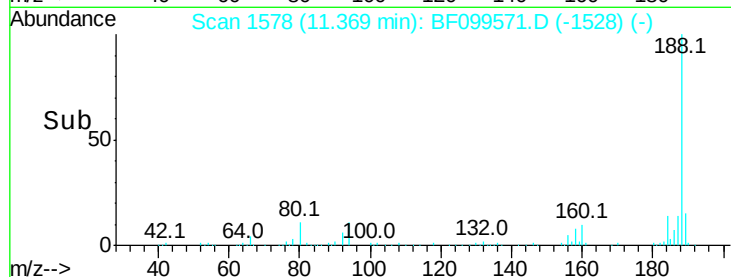
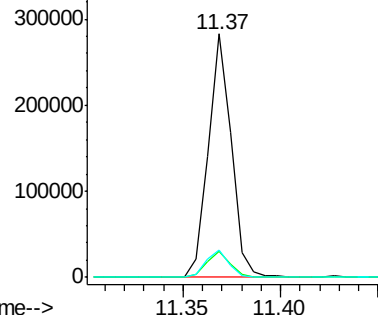
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :
WPSB-5B-23.5-24-BGSRE

Tot Ion:188 Resp: 231356
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 9.2 13.8

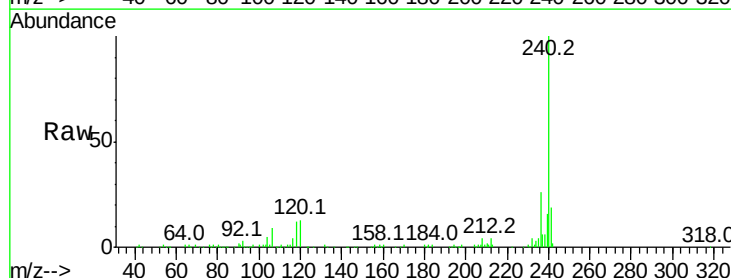


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

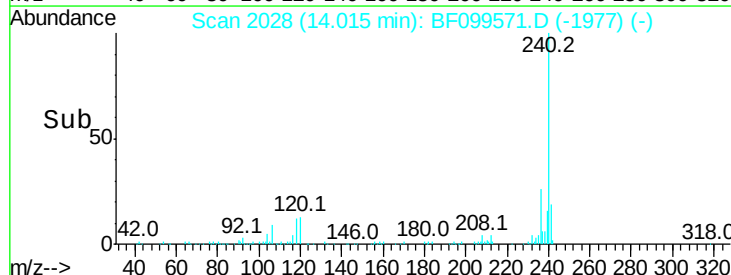
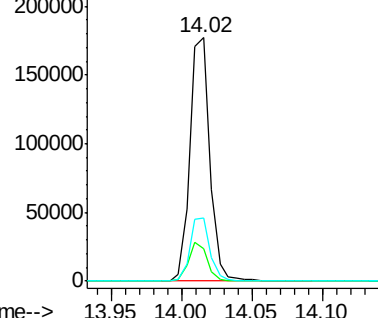


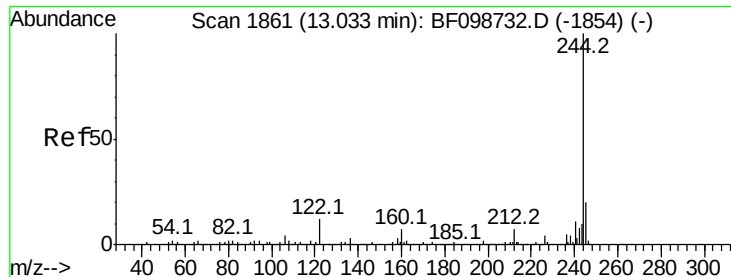
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099571.D
Acq: 17 Oct 2017 3:46

Tgt Ion:240 Resp: 174689
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.9 20.7 31.1



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

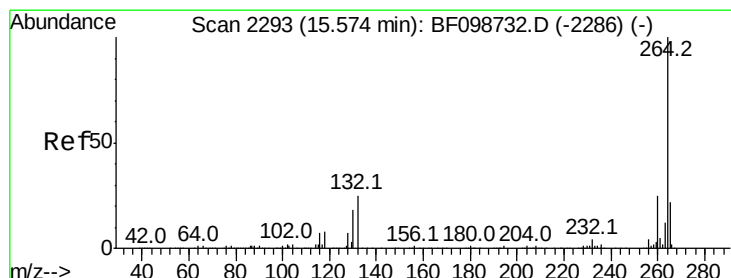
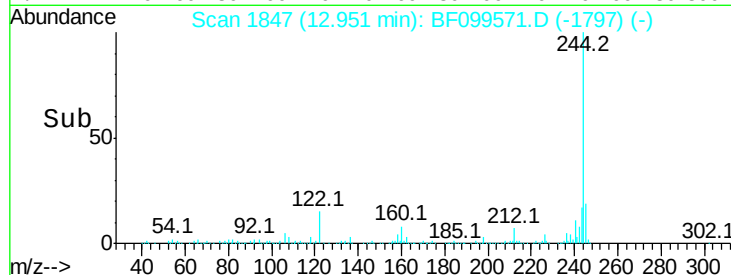
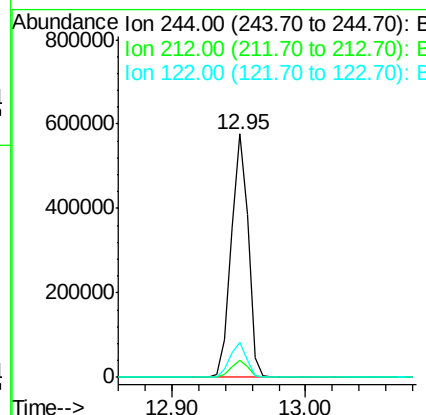
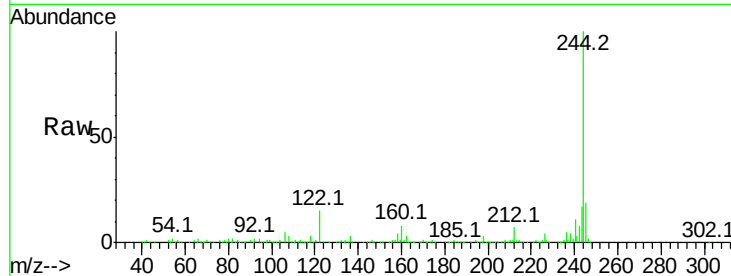




#78
 Terphenyl-d14
 Concen: 67.655 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-5B-23.5-24-BGSRE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099571.D
 Acq: 17 Oct 2017 3:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	17.5	26.3

