

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091229.D
 Acq On : 17 Nov 2016 23:00
 Operator : UM/SJ
 Sample : H5681-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

Quant Time: Nov 18 04:08:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

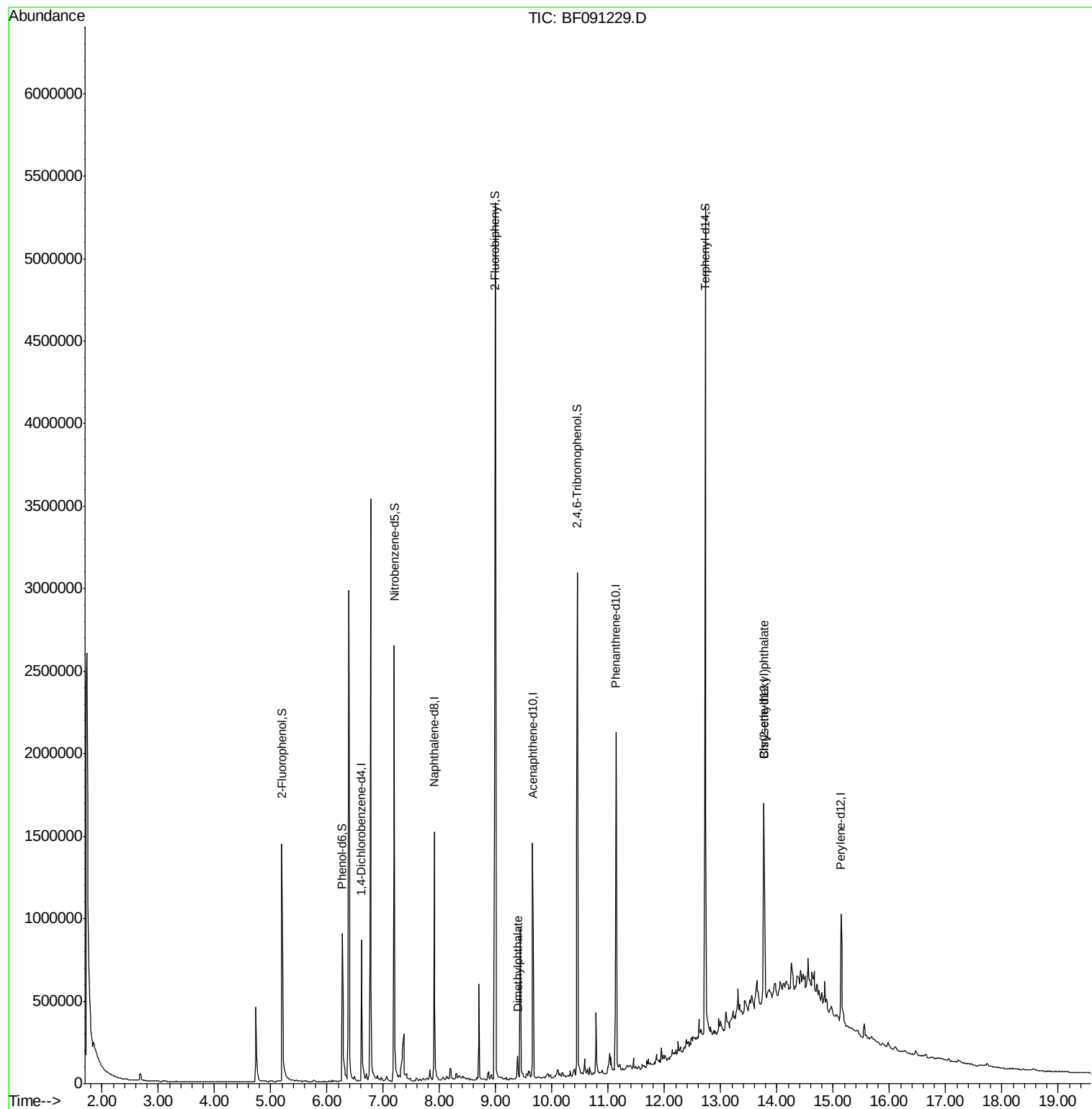
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	187011	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	780041	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	397656	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	716019	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	436617	20.00	ng	-0.05
86) Perylene-d12	15.14	264	346353	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	619459	54.71	ng	-0.05
7) Phenol-d6	6.27	99	458901	29.86	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1148604	80.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	491338	136.67	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1867628	80.86	ng	-0.05
78) Terphenyl-d14	12.73	244	1796102	102.65	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.39	163	52375	2.01	ng	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	84603	4.57	ng	99

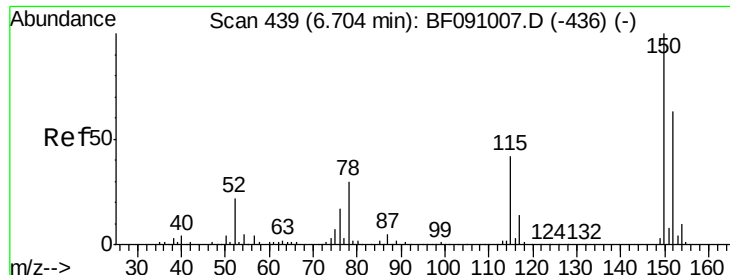
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Instrument :

BNA_F

ClientSampleId :

WQ-5W

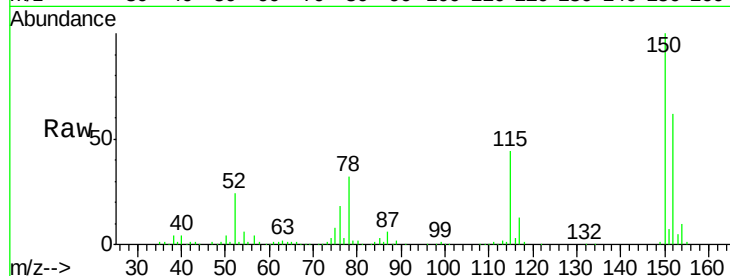
Tot Ion:152 Resp: 187011

Ion Ratio Lower Upper

152 100

150 161.2 126.8 190.2

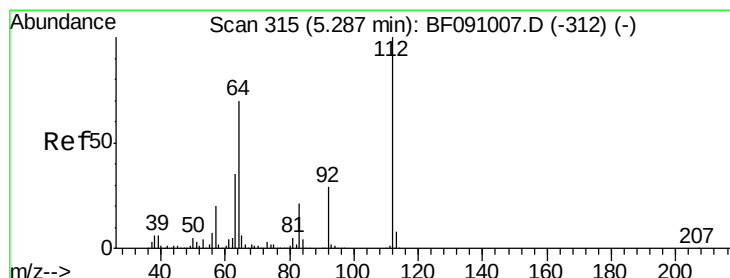
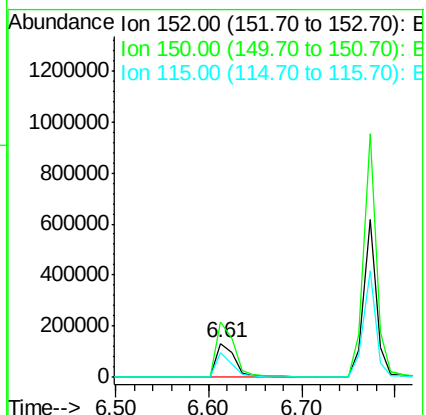
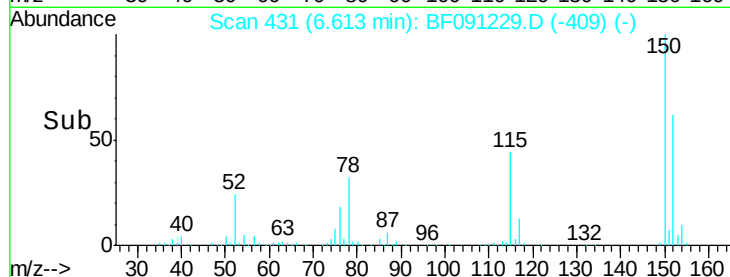
115 70.5 53.3 79.9



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: 54.71 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.05 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

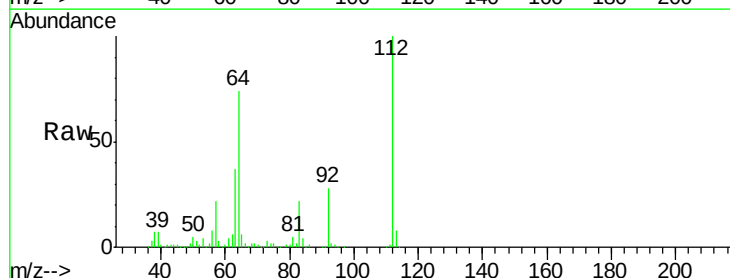
Tgt Ion:112 Resp: 619459

Ion Ratio Lower Upper

112 100

64 73.5 55.8 83.6

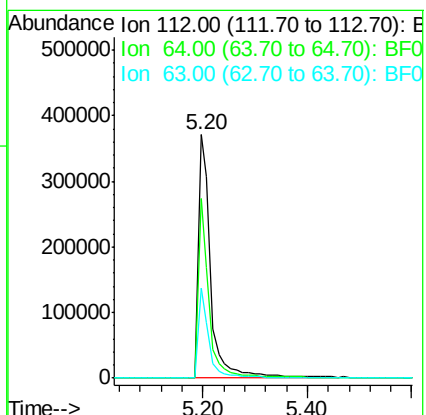
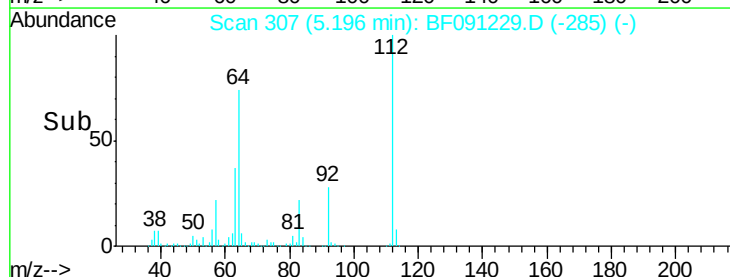
63 37.0 28.0 42.0

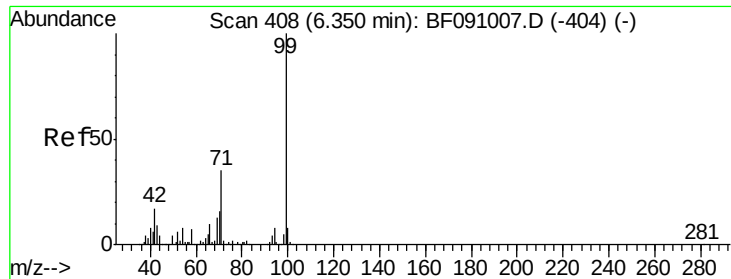


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.86 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Instrument :

BNA_F

ClientSampleId :

WQ-5W

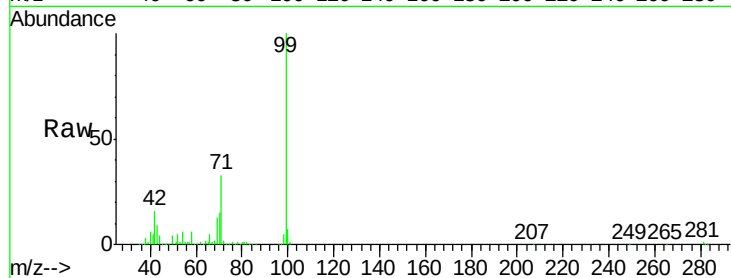
Tot Ion: 99 Resp: 458901

Ion Ratio Lower Upper

99 100

42 15.9 13.9 20.9

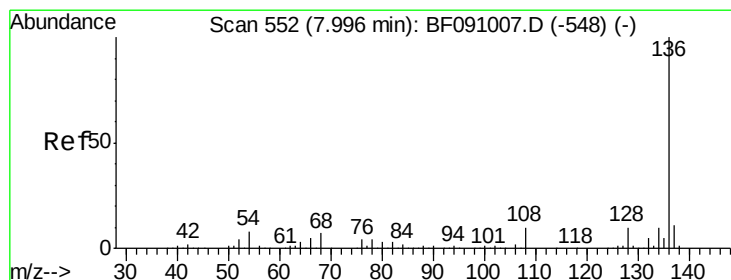
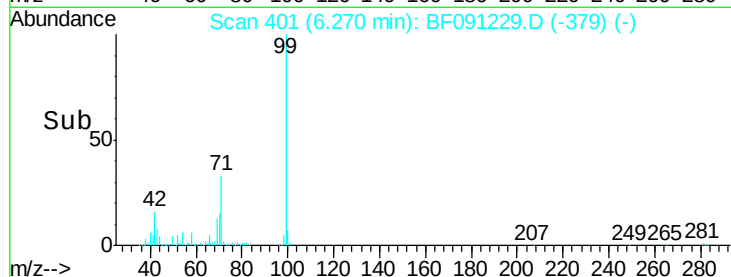
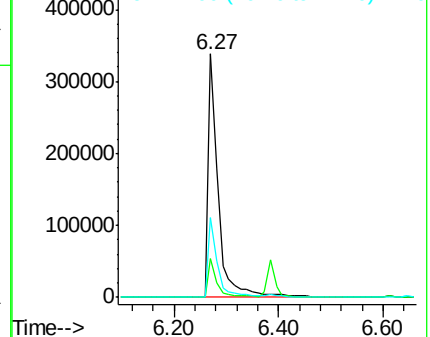
71 32.8 27.8 41.8



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: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Tgt Ion: 136 Resp: 780041

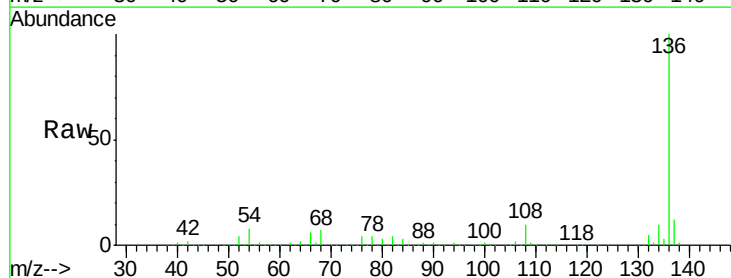
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.8 6.2 9.2

68 7.4 5.5 8.3

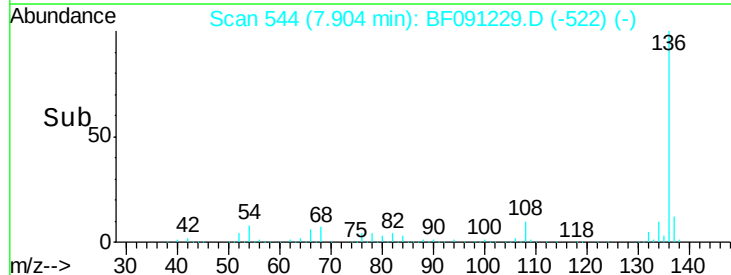
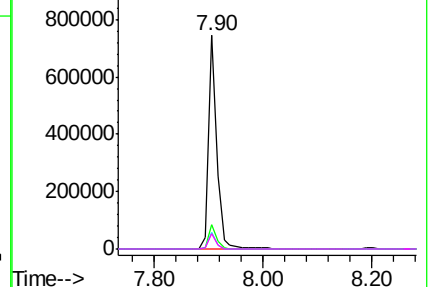


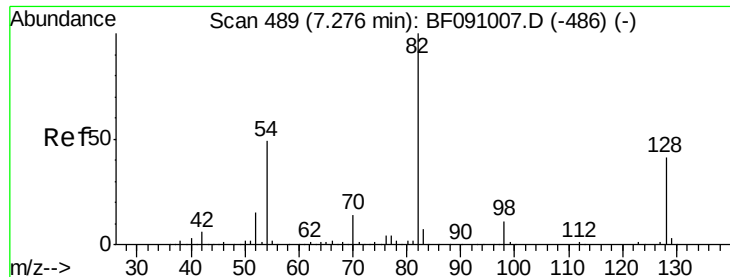
Abundance Ion 136.00 (135.70 to 136.70): E

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



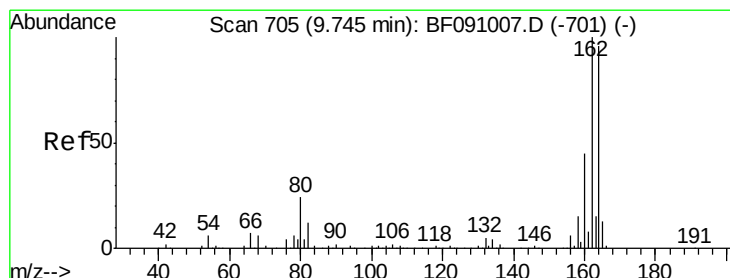
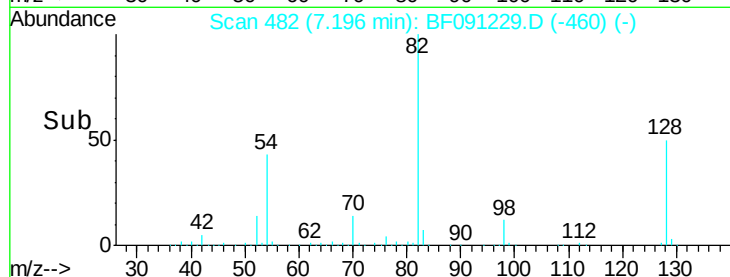
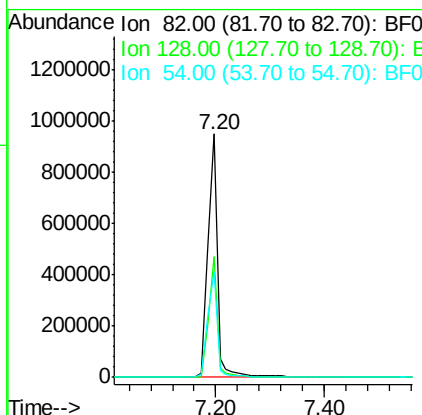
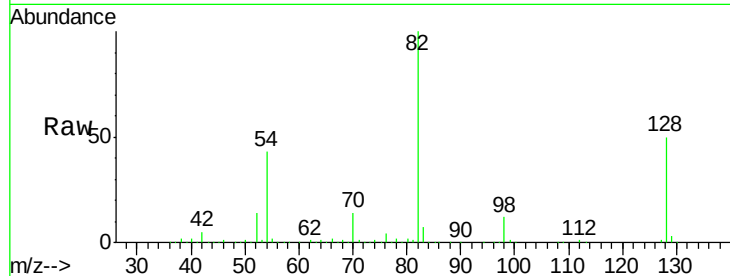


#23
 Nitrobenzene-d5
 Concen: 80.33 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

Tot Ion: 82 Resp: 1148604

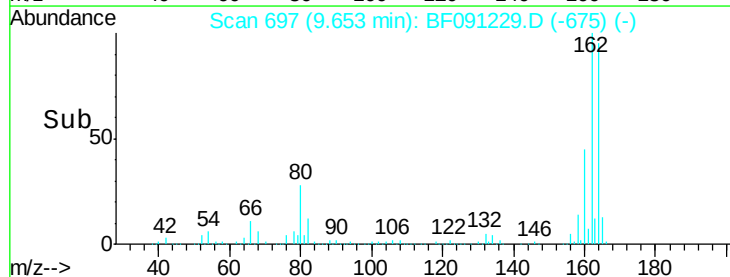
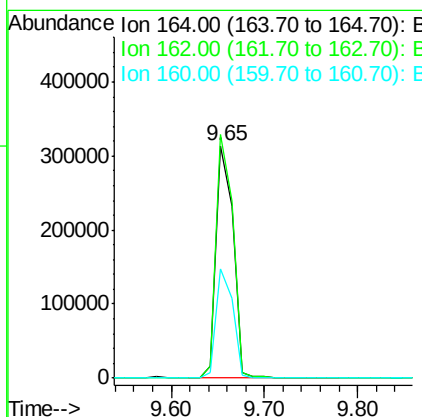
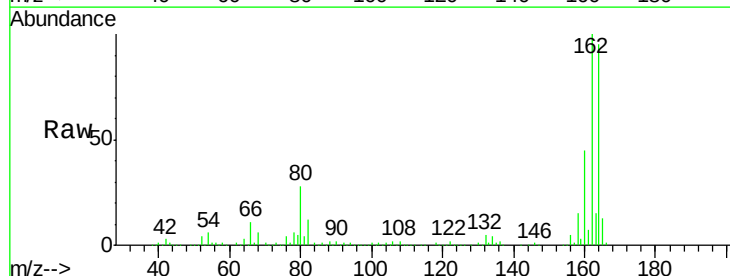
Ion	Ratio	Lower	Upper
82	100		
128	49.8	32.4	48.6#
54	43.0	39.2	58.8

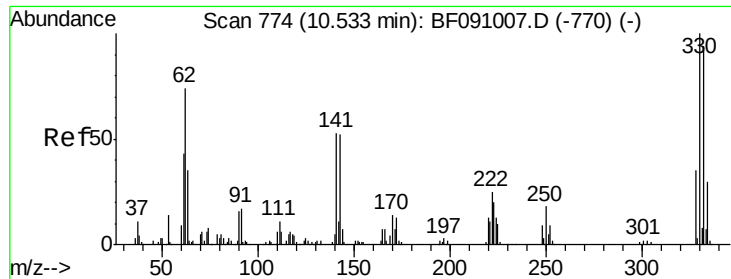


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Tgt Ion:164 Resp: 397656

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.6	125.4
160	47.0	37.9	56.9

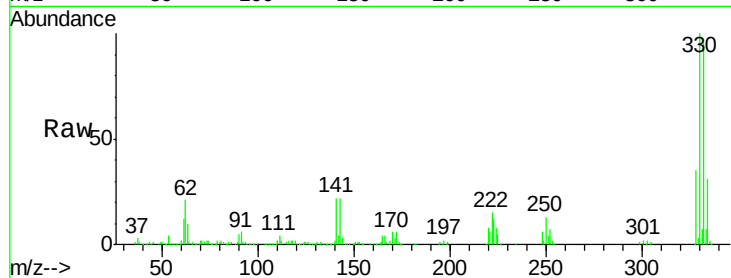




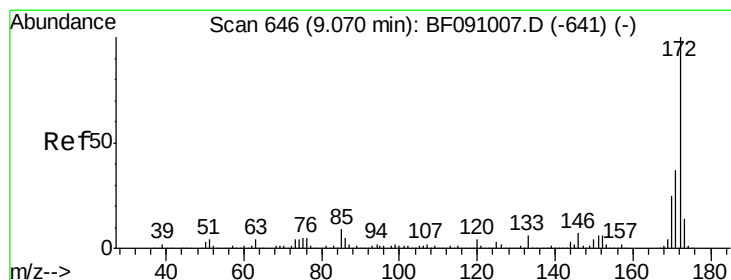
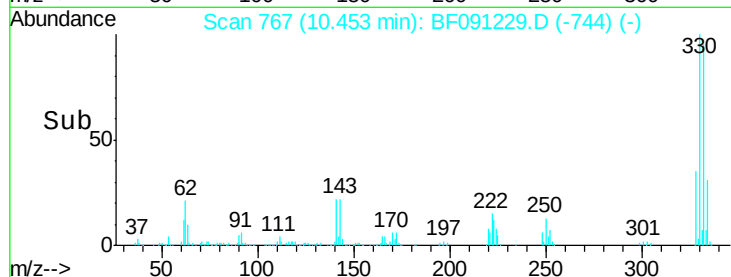
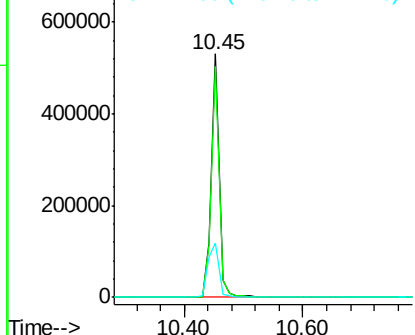
#41
 2,4,6-Tribromophenol
 Concen: 136.67 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

Tot Ion:330 Resp: 491338
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 31.0 36.1 54.1#

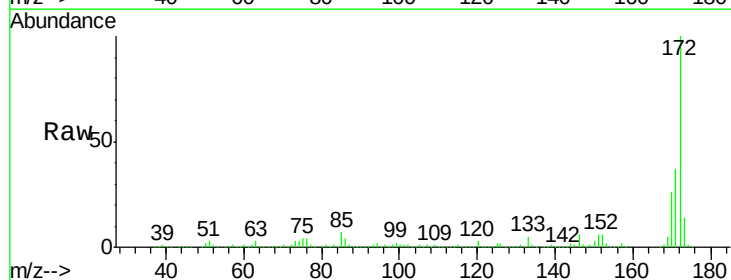


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

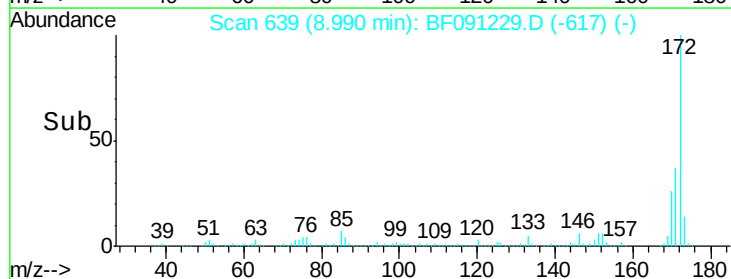
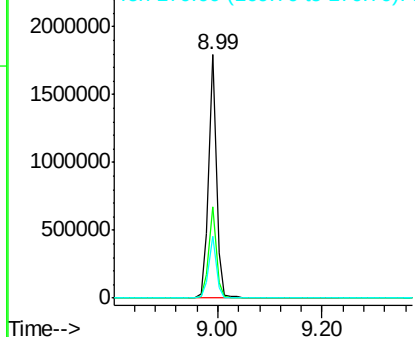


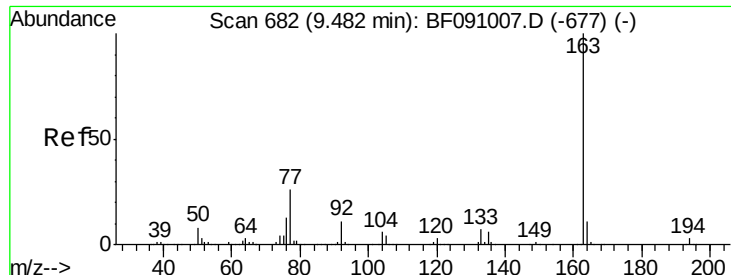
#44
 2-Fluorobiphenyl
 Concen: 80.86 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Tgt Ion:172 Resp: 1867628
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.7 20.3 30.5



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

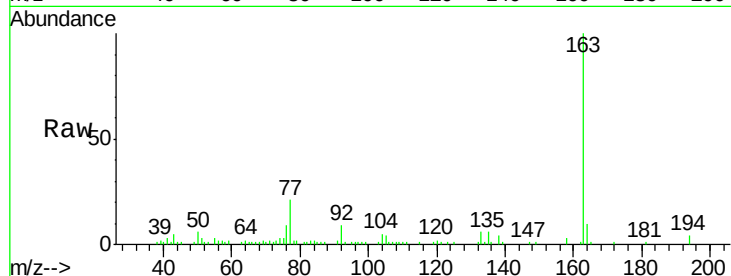




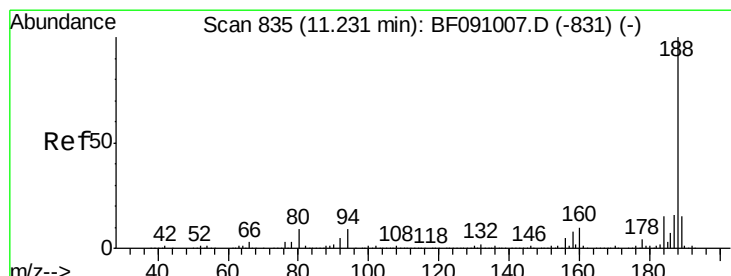
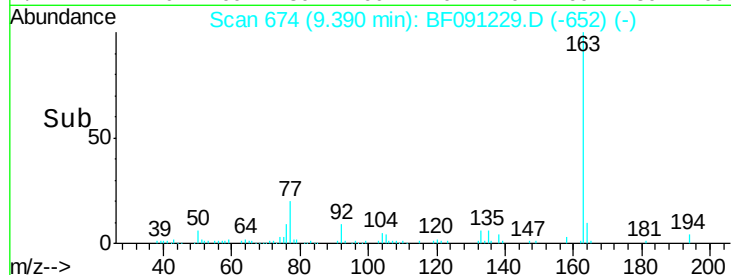
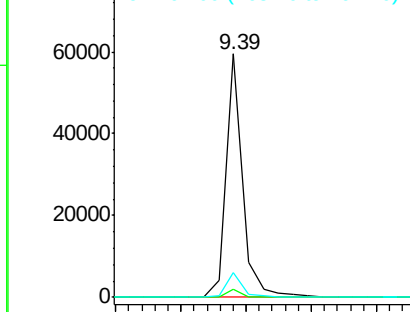
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF091229.D
Acq: 17 Nov 2016 23:00

Instrument :
BNA_F
ClientSampleId :
WQ-5W

Tot Ion:163 Resp: 52375
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.7 13.1

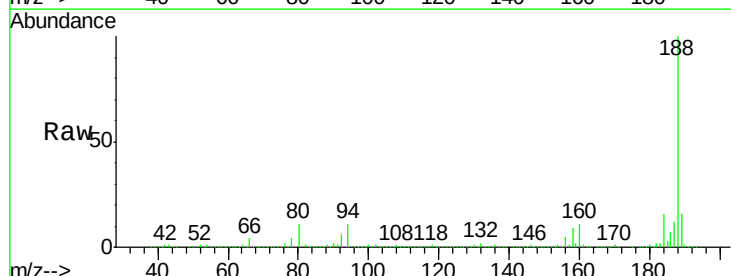


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

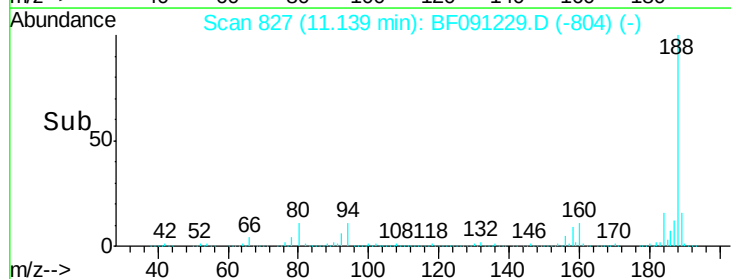
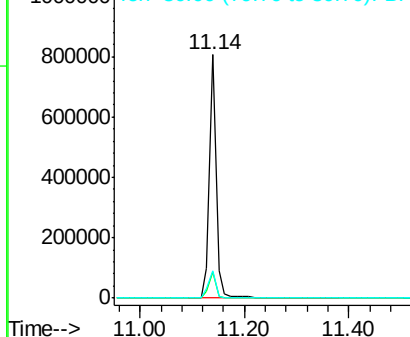


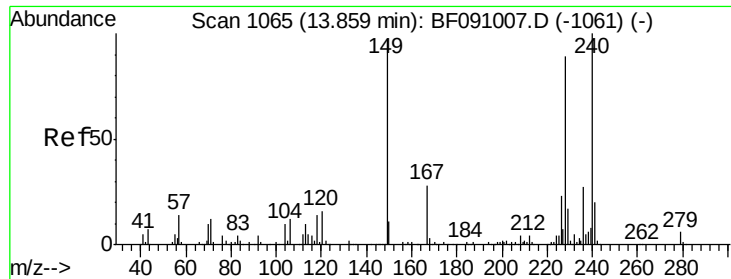
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091229.D
Acq: 17 Nov 2016 23:00

Tgt Ion:188 Resp: 716019
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.4#
80 11.4 7.5 11.3#



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: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Instrument :

BNA_F

ClientSampleId :

WQ-5W

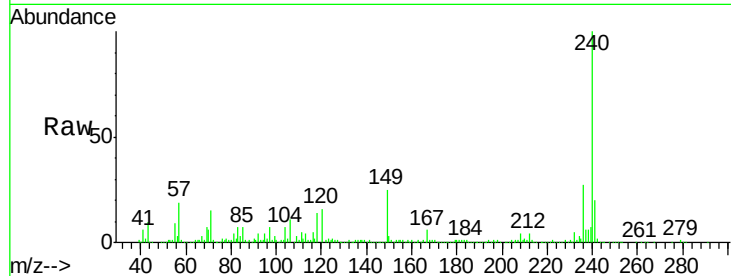
Tot Ion:240 Resp: 436617

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

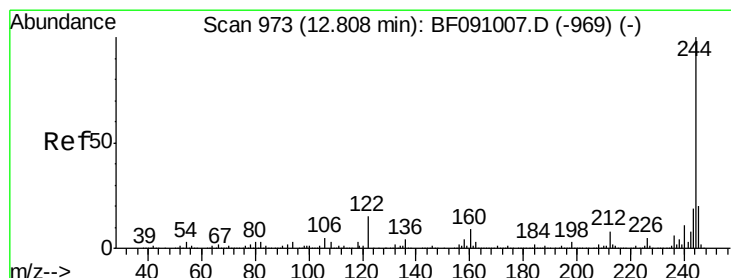
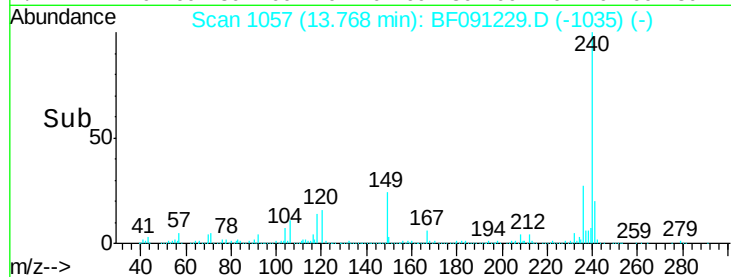
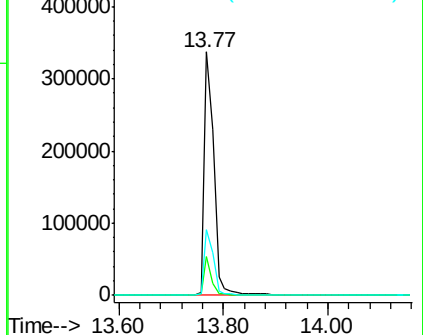
236 27.2 21.9 32.9



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: 102.65 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

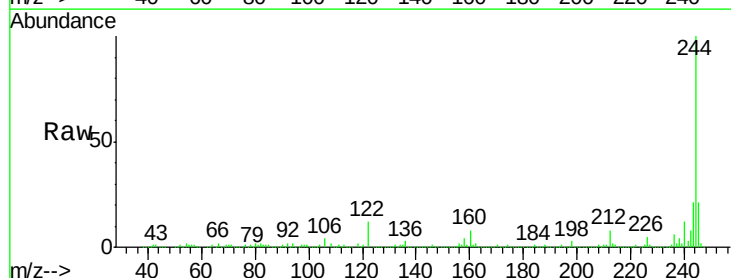
Tgt Ion:244 Resp: 1796102

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

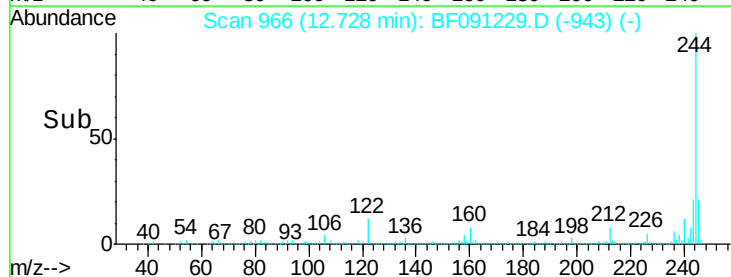
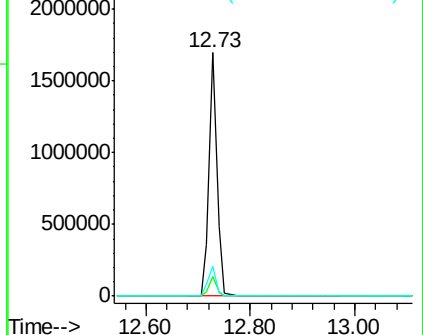
122 12.2 12.3 18.5#

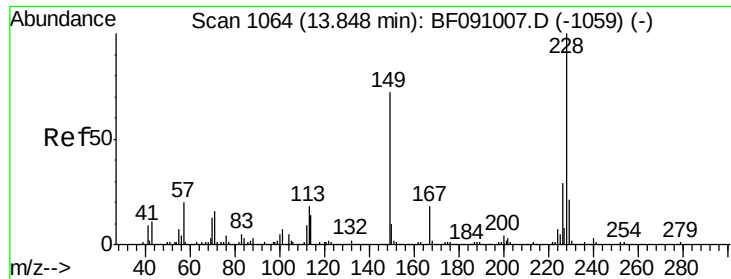


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

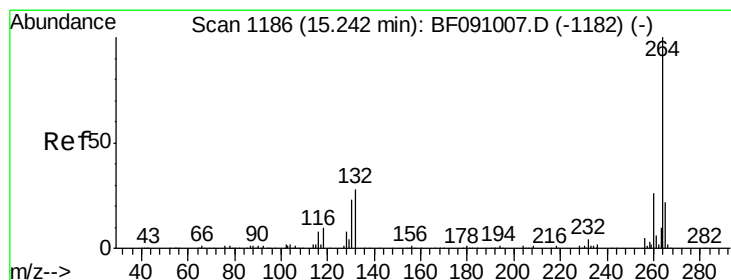
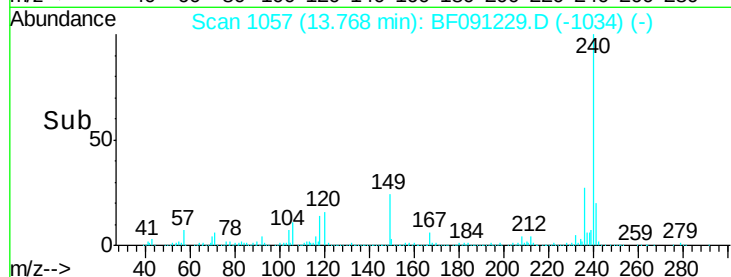
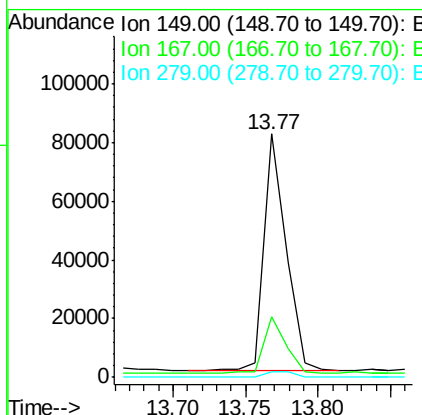
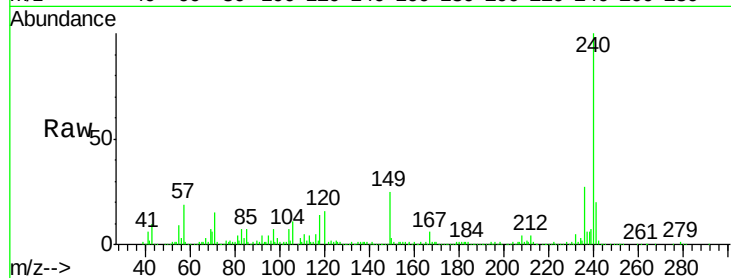




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.57 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Instrument :
 BNA_F
 ClientSampled :
 WQ-5W

Tot Ion:149 Resp: 84603
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.4 30.6
 279 2.4 1.6 2.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Tgt Ion:264 Resp: 346353
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.6 30.8
 265 21.9 17.8 26.8

