

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091641.D
 Acq On : 15 Dec 2016 21:09
 Operator : UM/SJ
 Sample : H6029-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-01

Quant Time: Dec 16 01:10:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

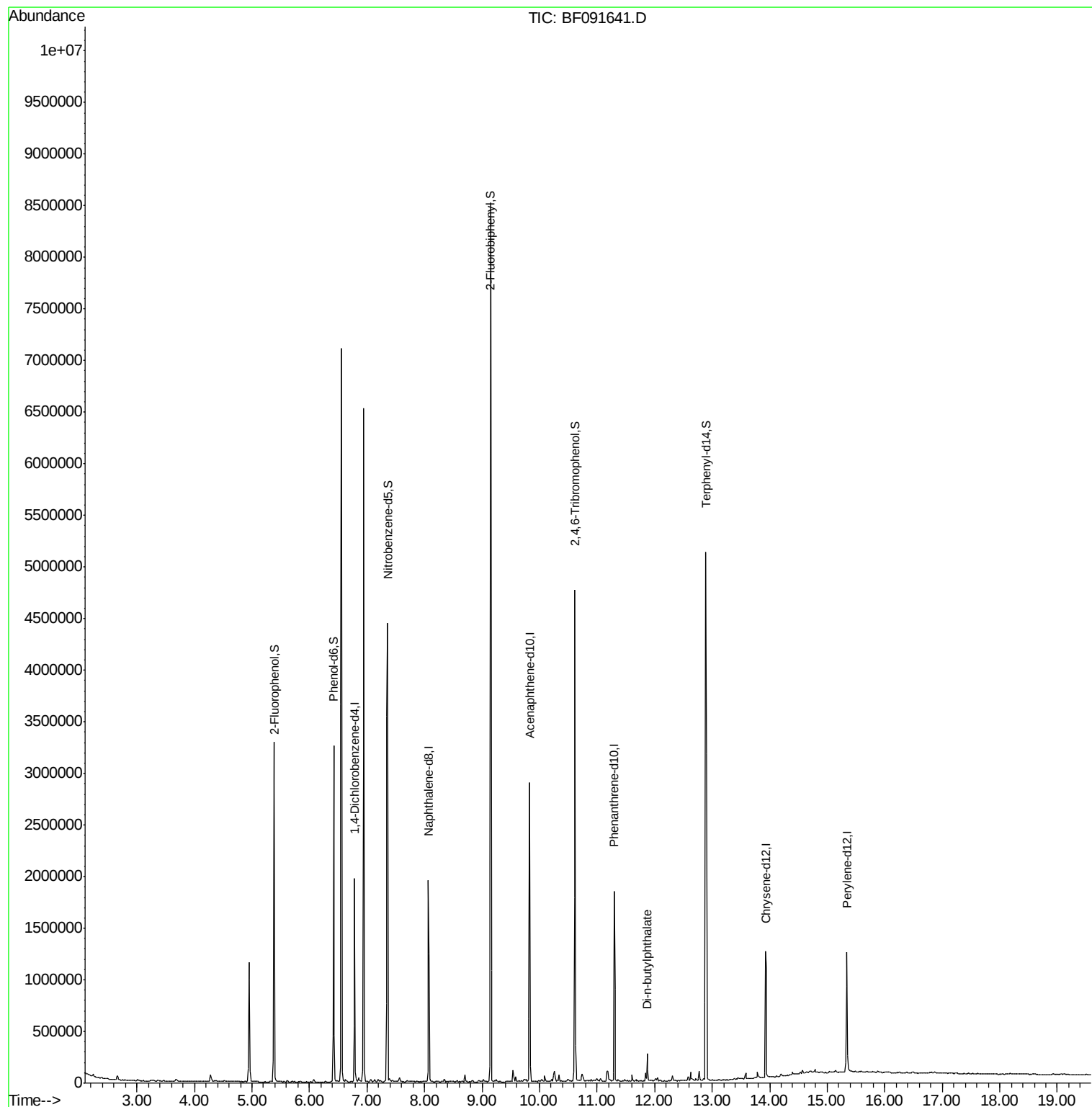
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	298005	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1131124	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	587598	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	766868	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	592654	20.00	ng	0.00
86) Perylene-d12	15.35	264	567710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1320611	74.66	ng	0.01
7) Phenol-d6	6.42	99	999857	45.34	ng	-0.01
23) Nitrobenzene-d5	7.36	82	2122743	104.74	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	533635	109.34	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2605556	76.62	ng	0.00
78) Terphenyl-d14	12.89	244	2087911	79.94	ng	-0.01
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.87	149	93153	2.23	ng	99

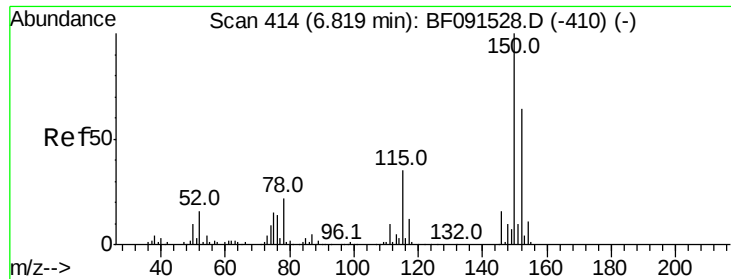
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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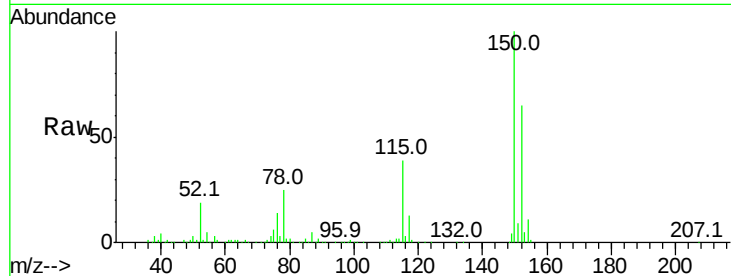


#1

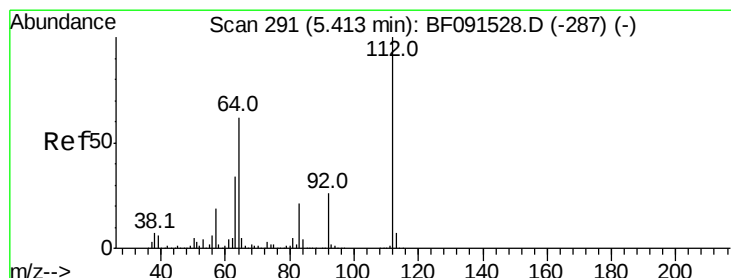
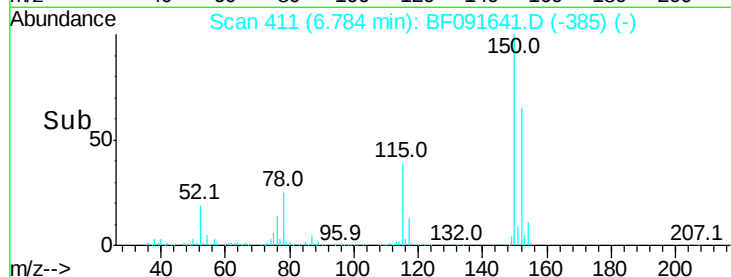
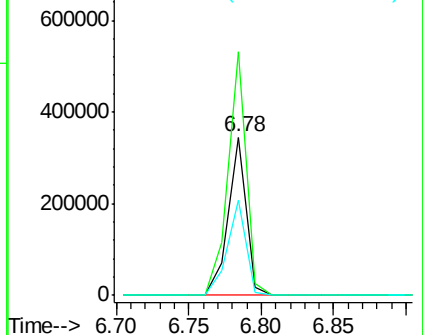
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tot Ion:152 Resp: 298005
Ion Ratio Lower Upper
152 100
150 154.2 122.5 183.7
115 60.4 51.8 77.8



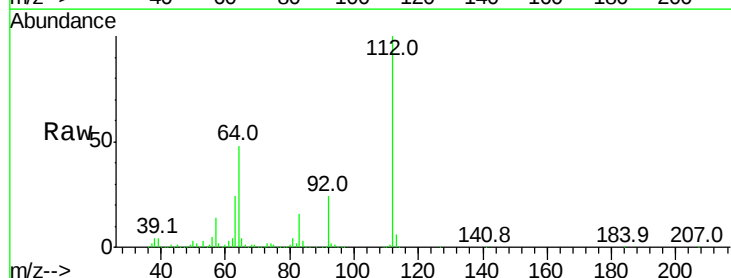
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



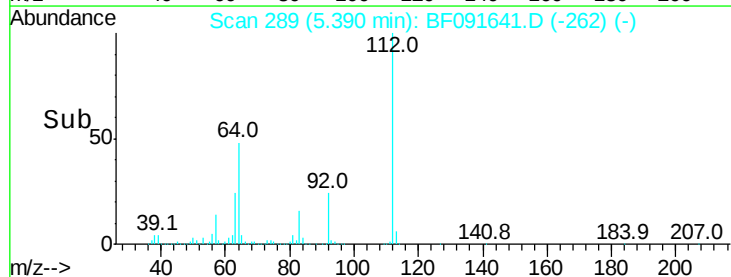
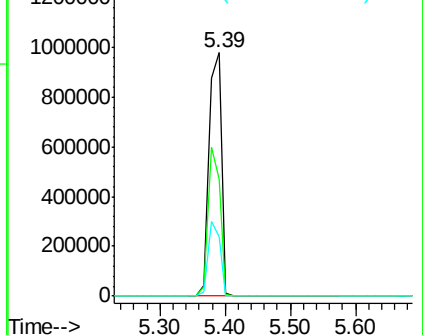
#5

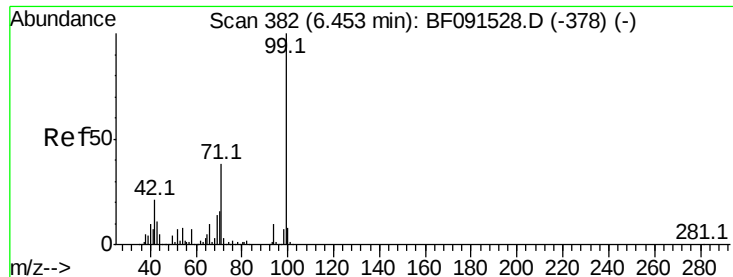
2-Fluorophenol
Concen: 74.66 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:112 Resp: 1320611
Ion Ratio Lower Upper
112 100
64 48.2 61.5 92.3#
63 24.4 33.3 49.9#



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: 45.34 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

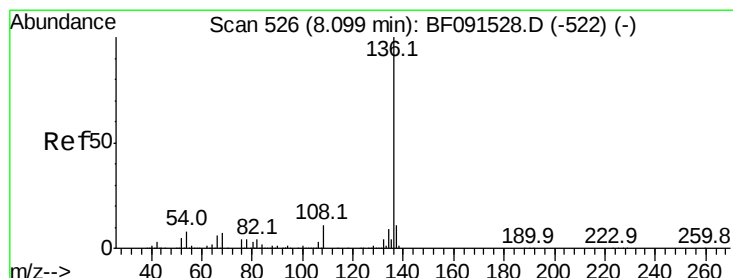
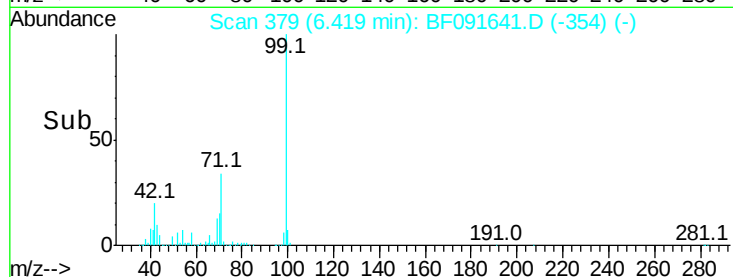
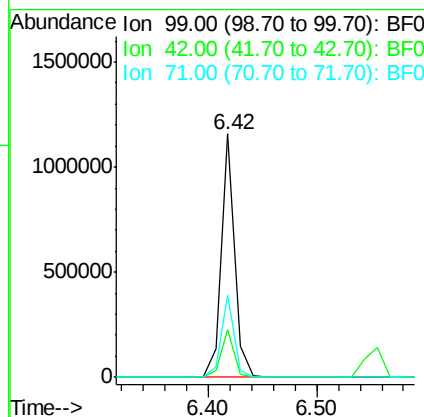
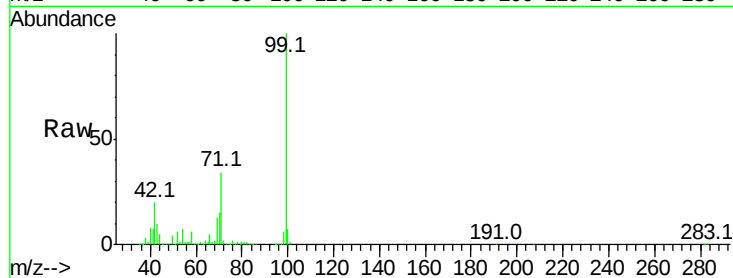
Tot Ion: 99 Resp: 999857

Ion Ratio Lower Upper

99 100

42 19.7 20.6 31.0#

71 33.7 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Tgt Ion: 136 Resp: 1131124

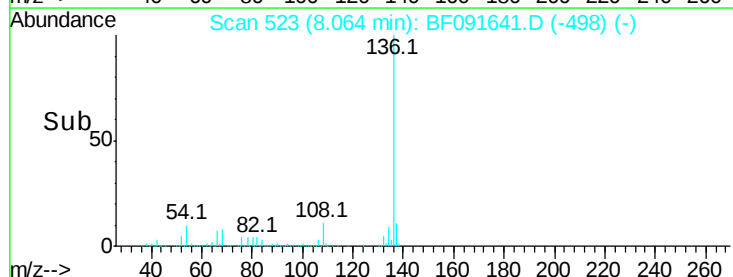
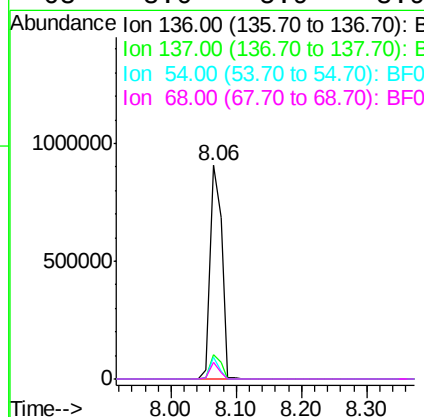
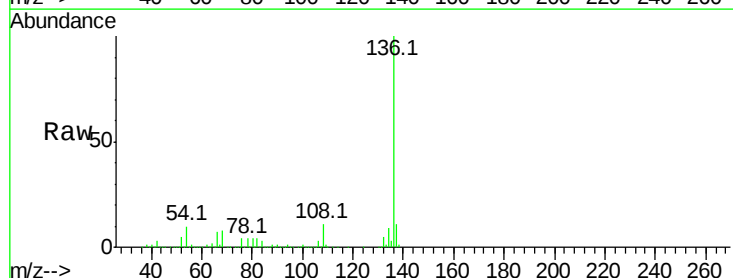
Ion Ratio Lower Upper

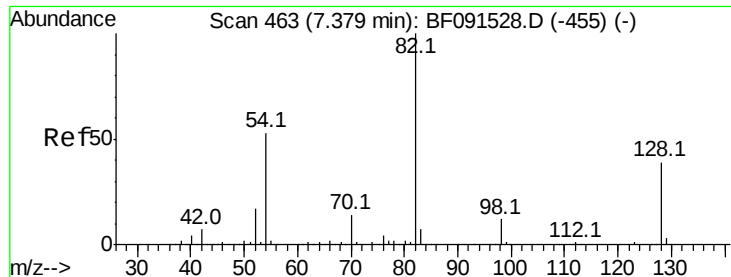
136 100

137 11.3 9.1 13.7

54 10.4 9.1 13.7

68 8.0 5.9 8.9

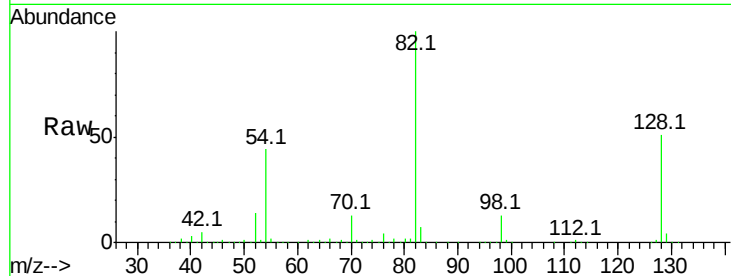




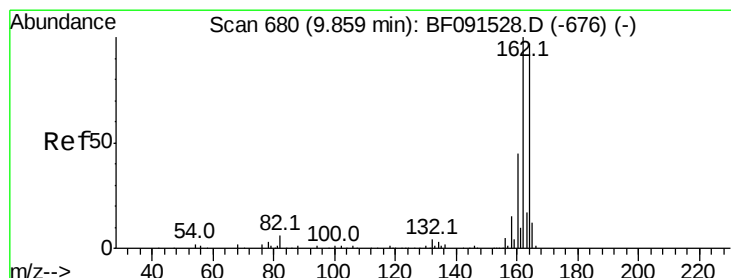
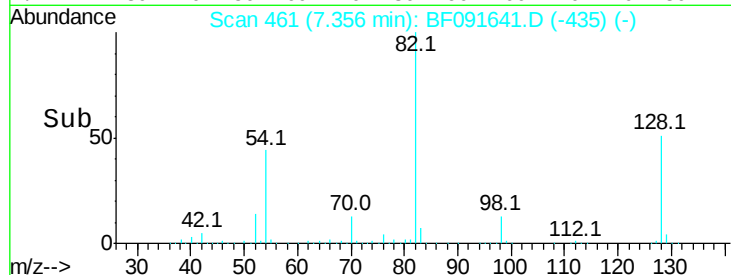
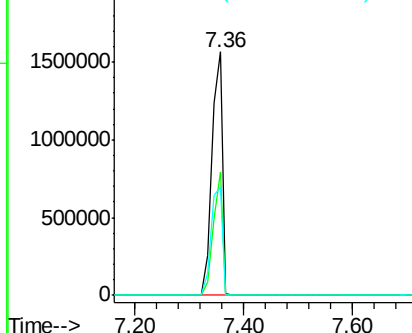
#23
 Nitrobenzene-d5
 Concen: 104.74 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF091641.D
 Acq: 15 Dec 2016 21:09

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-01

Tot Ion: 82 Resp: 2122743
 Ion Ratio Lower Upper
 82 100
 128 50.6 31.8 47.6#
 54 44.1 49.1 73.7#

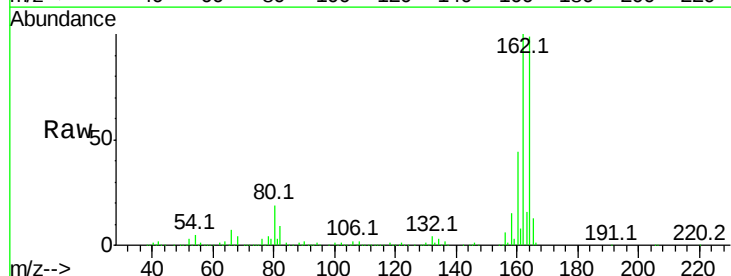


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

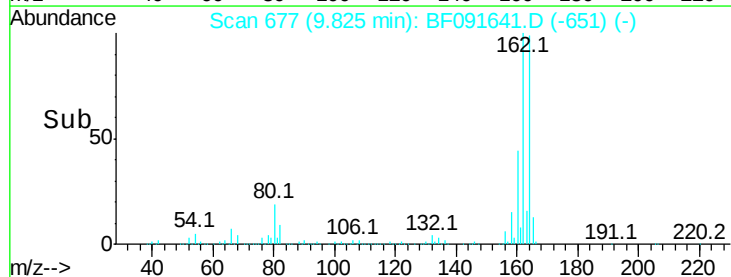
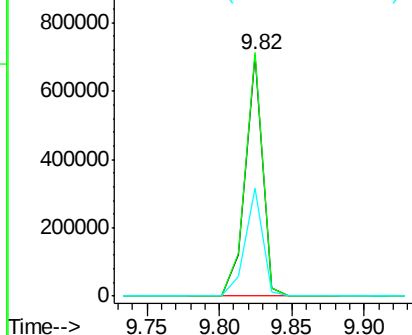


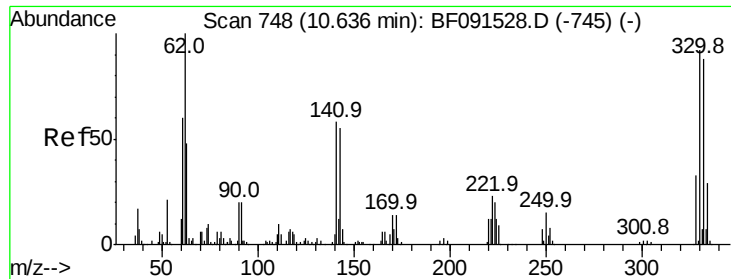
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF091641.D
 Acq: 15 Dec 2016 21:09

Tgt Ion:164 Resp: 587598
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 124.0
 160 44.5 36.7 55.1



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

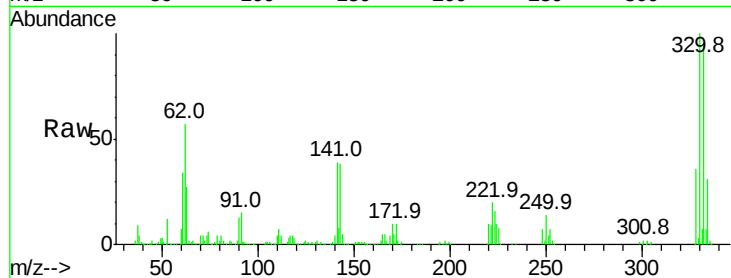




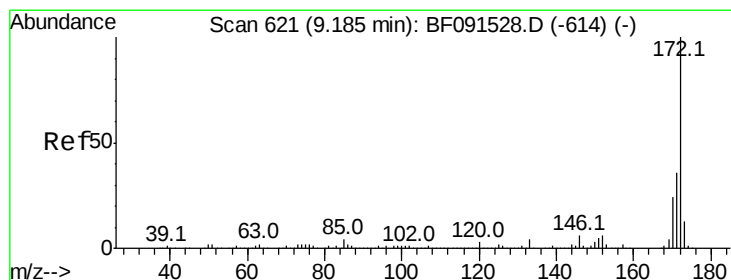
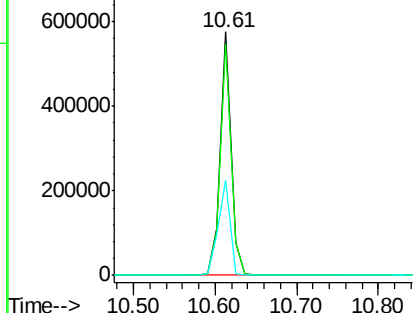
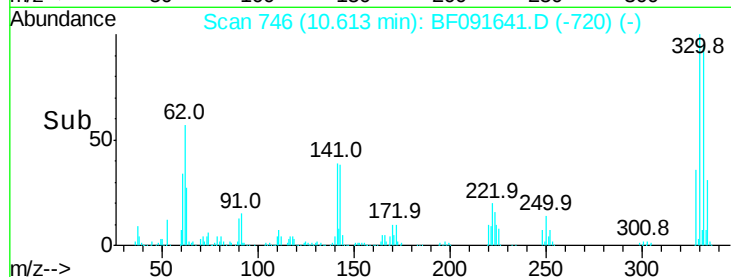
#41
 2,4,6-Tribromophenol
 Concen: 109.34 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF091641.D
 Acq: 15 Dec 2016 21:09

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	42.7	33.6	50.4

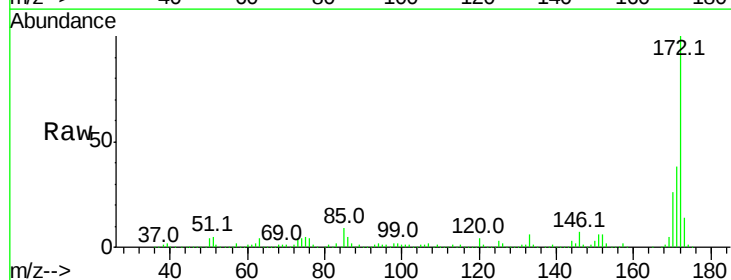


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

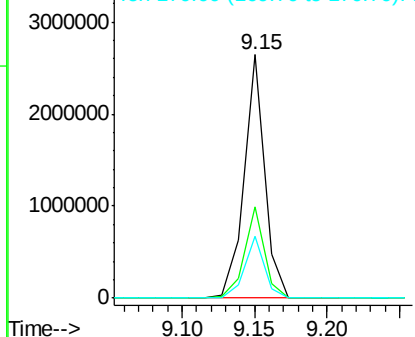
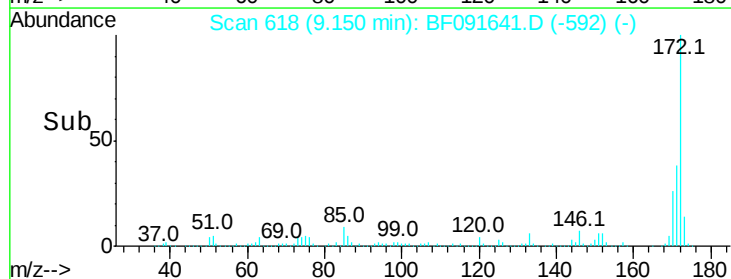


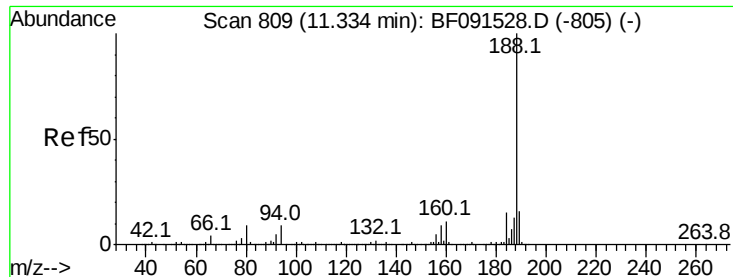
#44
 2-Fluorobiphenyl
 Concen: 76.62 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF091641.D
 Acq: 15 Dec 2016 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.0
170	25.6	19.7	29.5



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

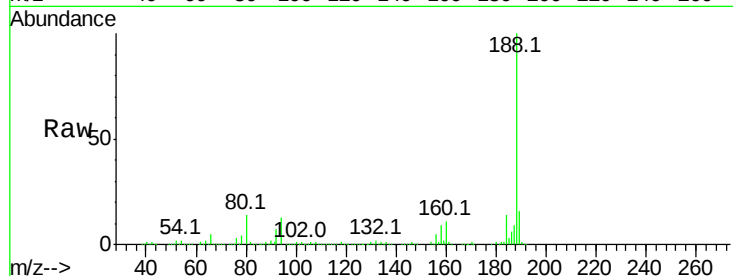




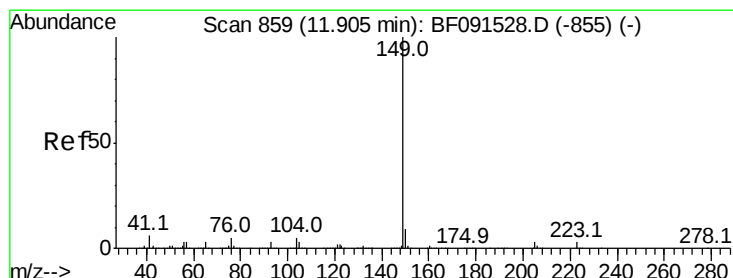
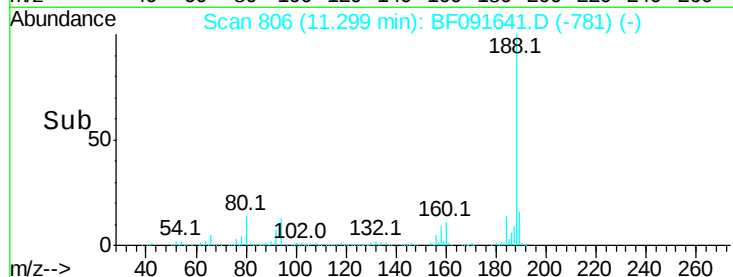
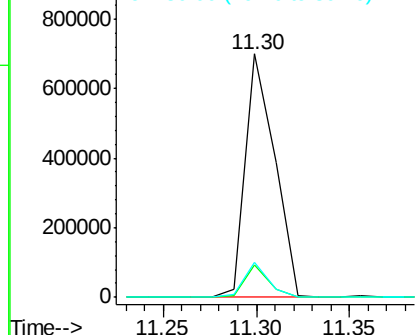
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tot Ion:188 Resp: 766868
Ion Ratio Lower Upper
188 100
94 13.3 9.2 13.8
80 14.3 10.5 15.7

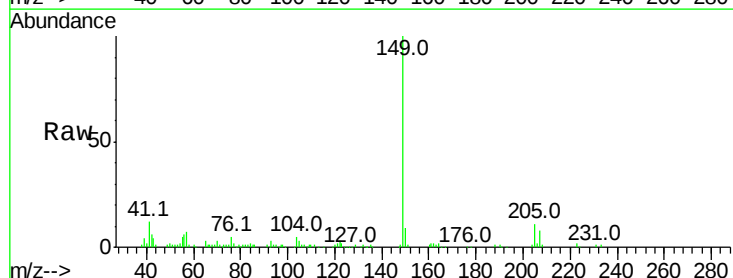


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

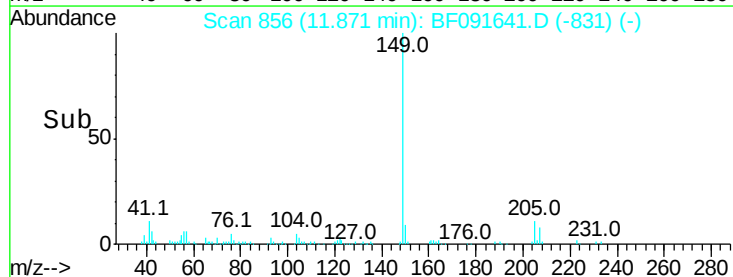
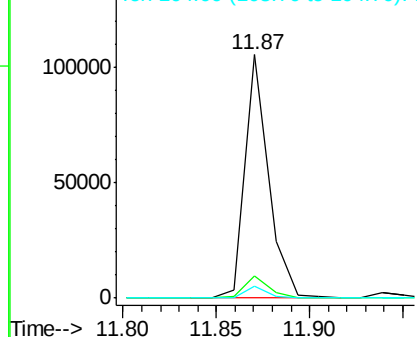


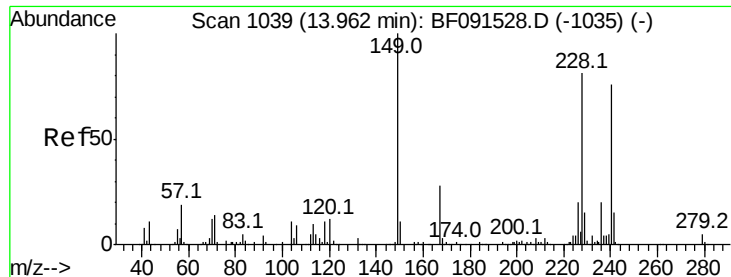
#73
Di-n-butylphthalate
Concen: 2.23 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:149 Resp: 93153
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

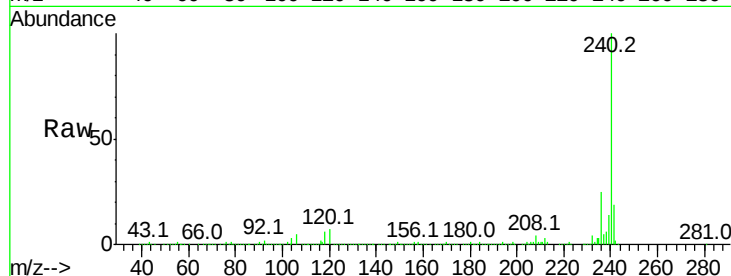
Tot Ion:240 Resp: 592654

Ion Ratio Lower Upper

240 100

120 7.3 12.1 18.1#

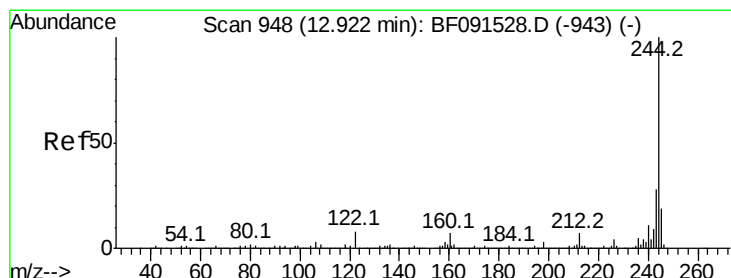
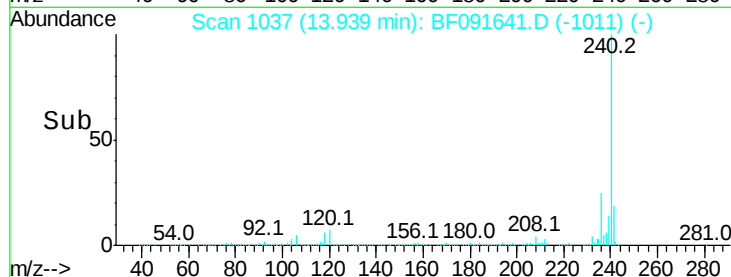
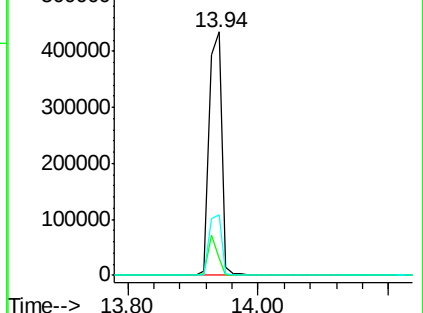
236 24.8 21.0 31.6



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: 79.94 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

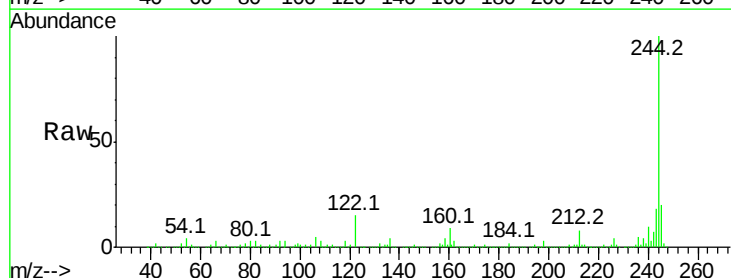
Tgt Ion:244 Resp: 2087911

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

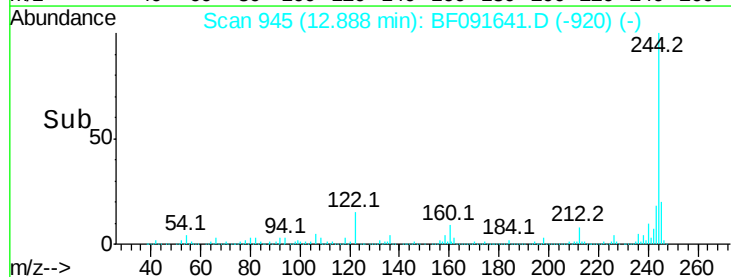
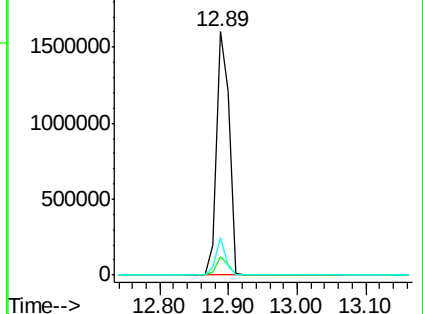
122 15.4 9.5 14.3#

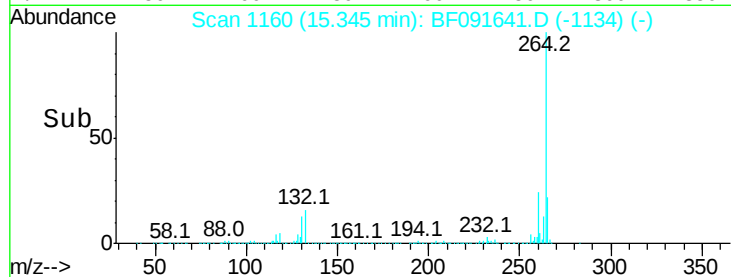
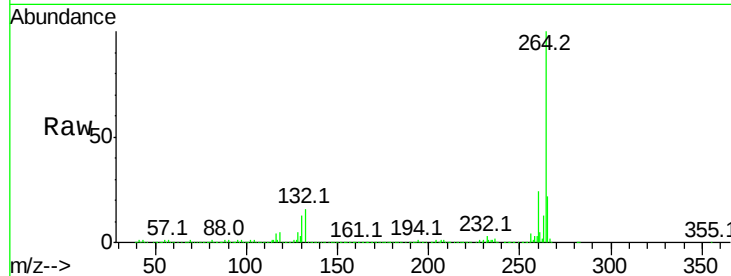
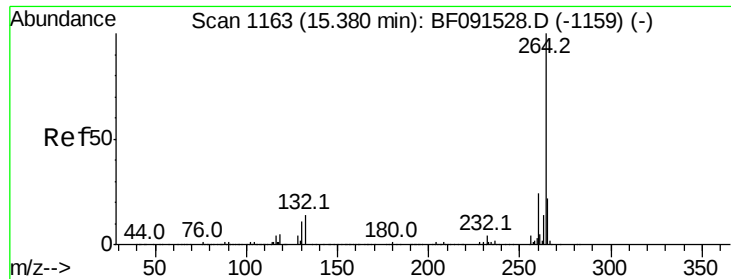


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

Tot Ion:264 Resp: 567710

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.0 17.0 25.6

