

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091114.D
 Acq On : 9 Nov 2016 6:55
 Operator : UM/SJ
 Sample : H5547-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-1

Quant Time: Nov 09 12:17:52 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

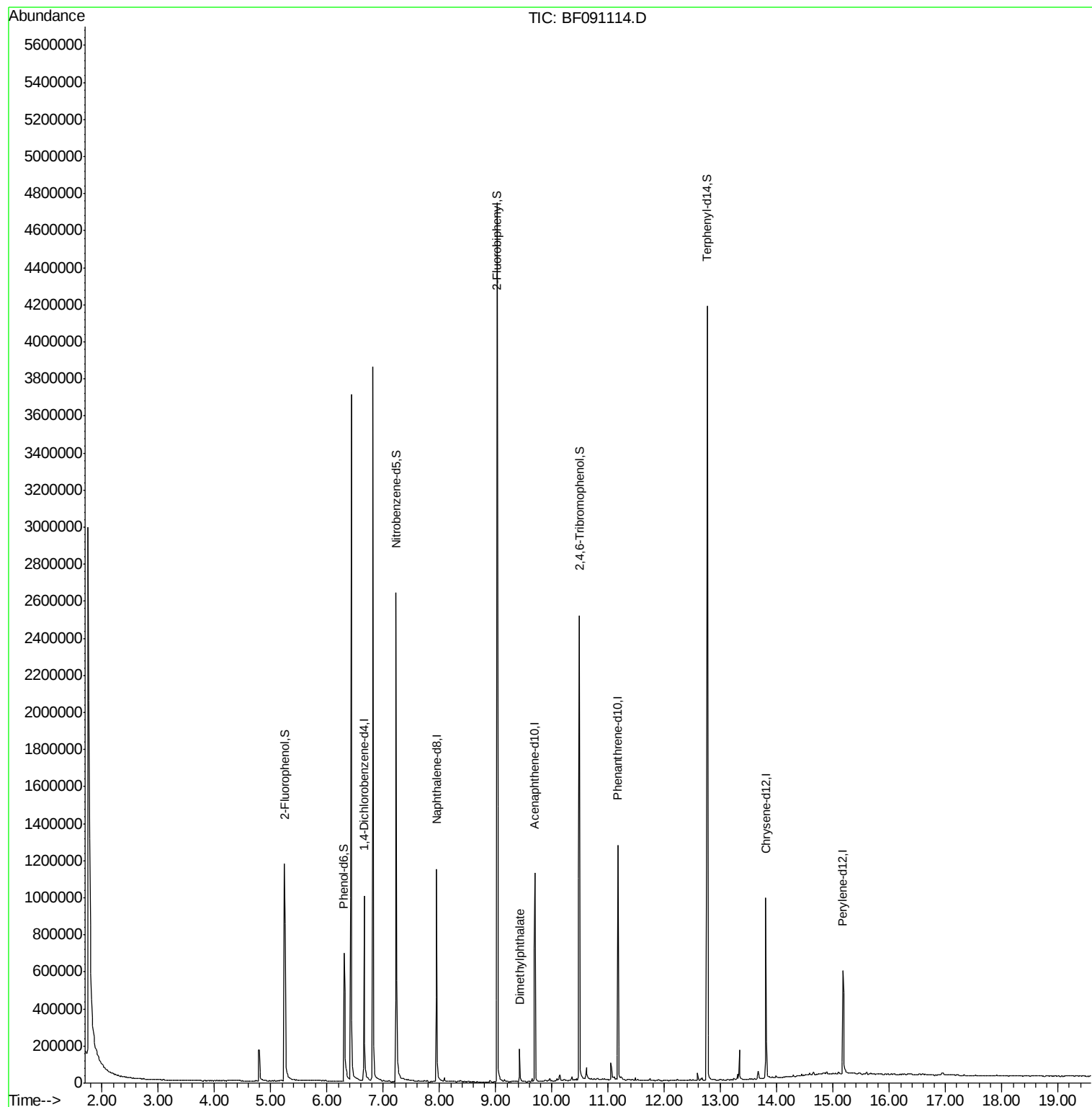
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	160761	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	631147	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	302004	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	444547	20.00	ng	0.00
75) Chrysene-d12	13.80	240	316780	20.00	ng	-0.01
86) Perylene-d12	15.17	264	269927	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	488520	50.19	ng	0.00
7) Phenol-d6	6.30	99	381861	28.90	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1003895	86.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	343968	125.98	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1597746	91.08	ng	-0.01
78) Terphenyl-d14	12.76	244	1276944	100.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.42	163	69525	3.51	ng	Qvalue 98

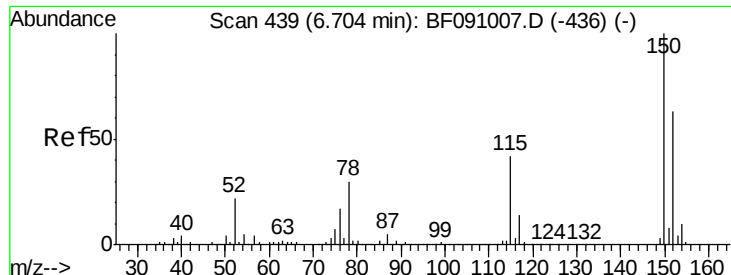
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

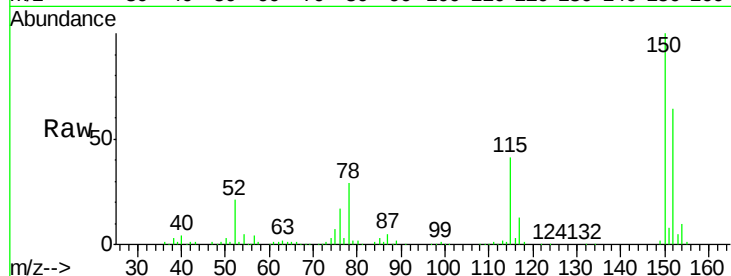
Tot Ion:152 Resp: 160761

Ion Ratio Lower Upper

152 100

150 156.9 126.8 190.2

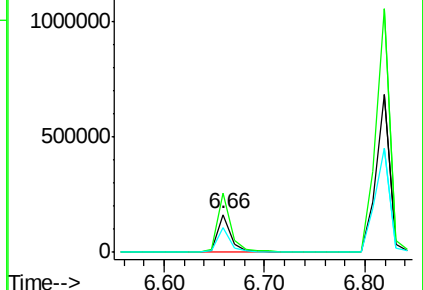
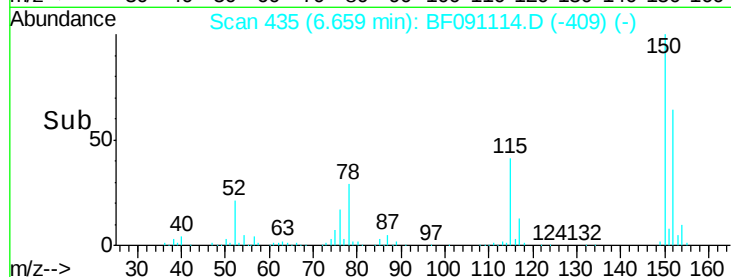
115 65.1 53.3 79.9



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: 50.19 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

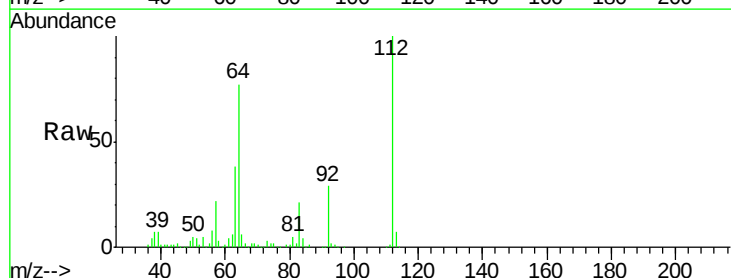
Tgt Ion:112 Resp: 488520

Ion Ratio Lower Upper

112 100

64 76.6 55.8 83.6

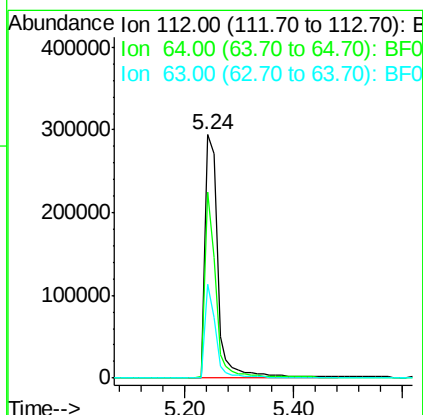
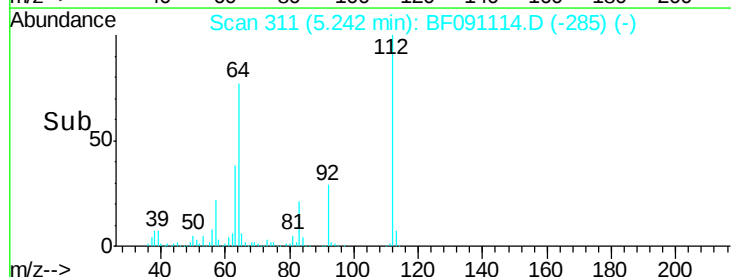
63 38.3 28.0 42.0

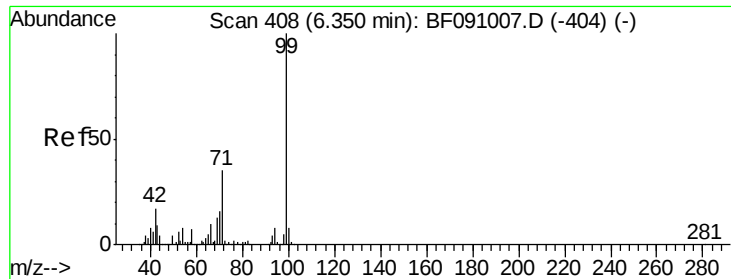


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.90 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

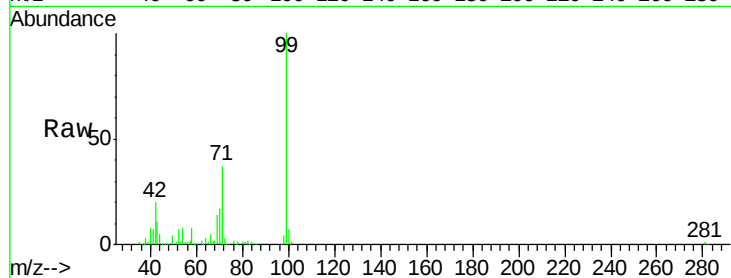
Tot Ion: 99 Resp: 381861

Ion Ratio Lower Upper

99 100

42 20.5 13.9 20.9

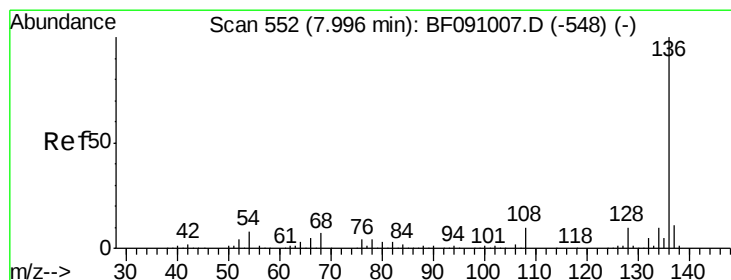
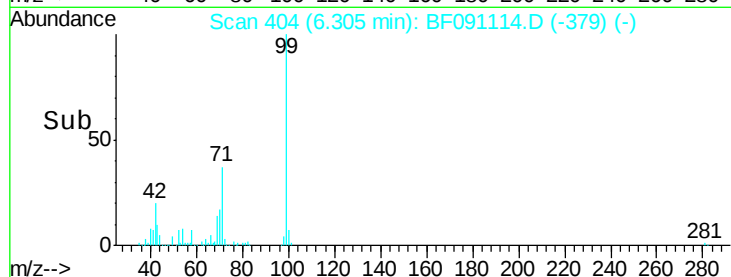
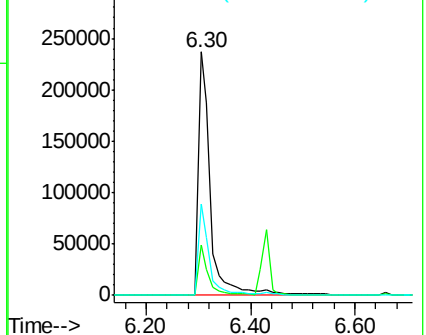
71 37.3 27.8 41.8



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: 7.95 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Tgt Ion: 136 Resp: 631147

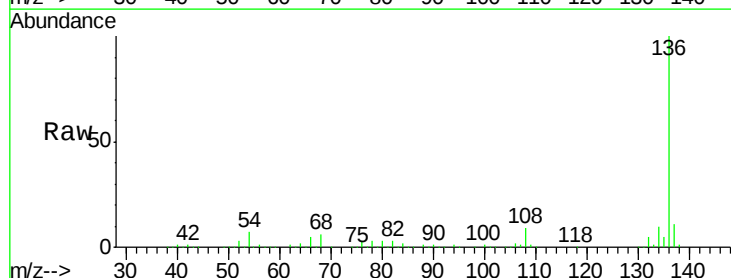
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 6.2 9.2

68 6.0 5.5 8.3

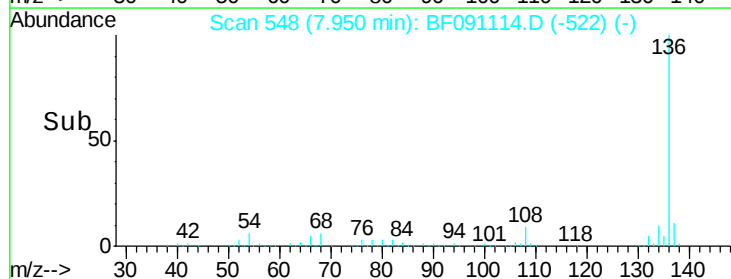
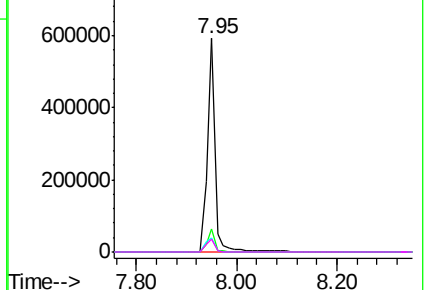


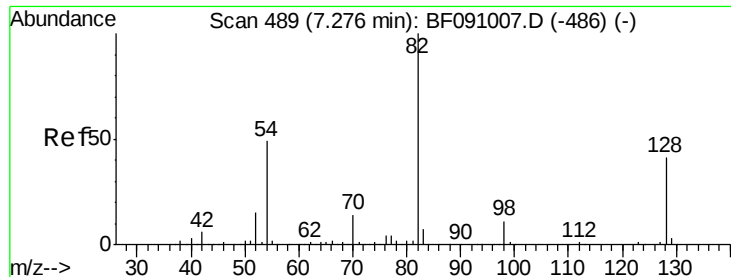
Abundance Ion 136.00 (135.70 to 136.70): E

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

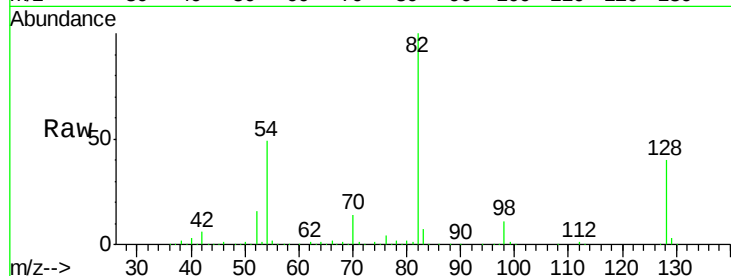




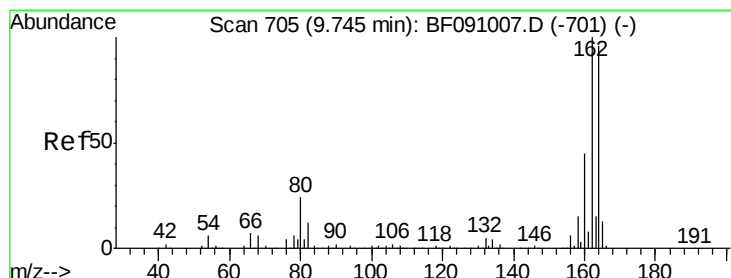
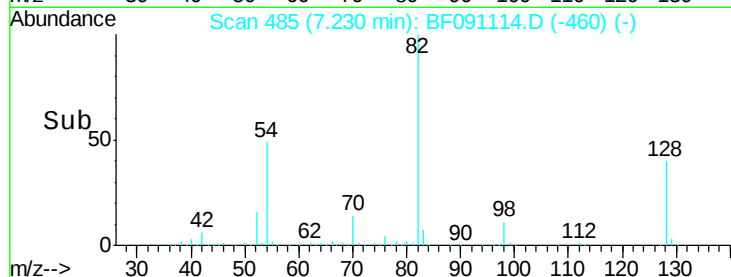
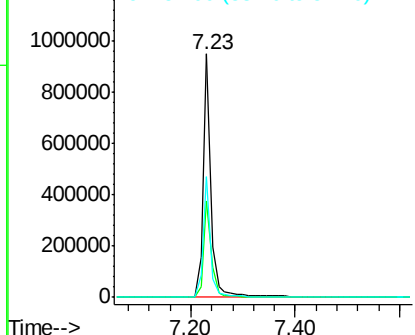
#23
 Nitrobenzene-d5
 Concen: 86.77 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091114.D
 Acq: 9 Nov 2016 6:55

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-1

Tot Ion: 82 Resp: 1003895
 Ion Ratio Lower Upper
 82 100
 128 39.6 32.4 48.6
 54 49.4 39.2 58.8

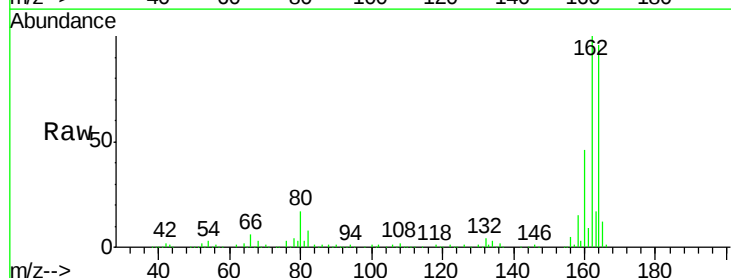


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

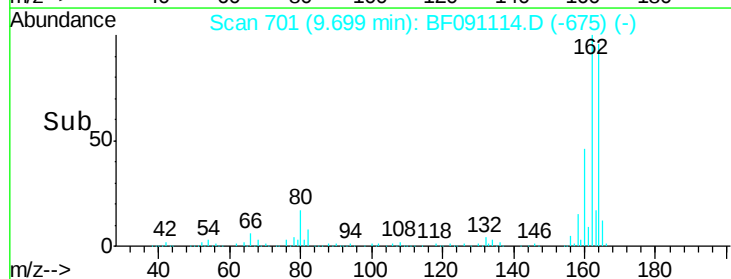
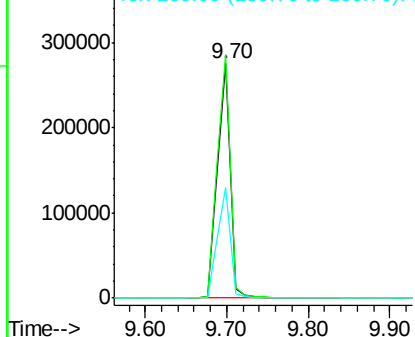


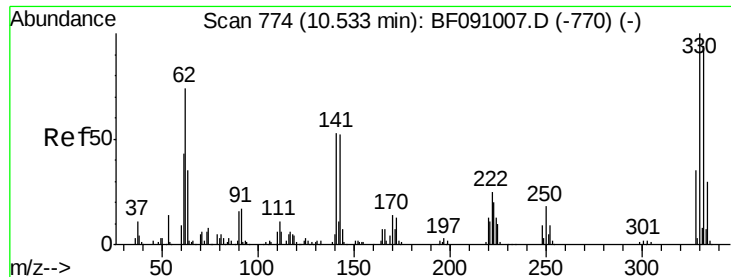
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF091114.D
 Acq: 9 Nov 2016 6:55

Tgt Ion:164 Resp: 302004
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.6 125.4
 160 47.4 37.9 56.9



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

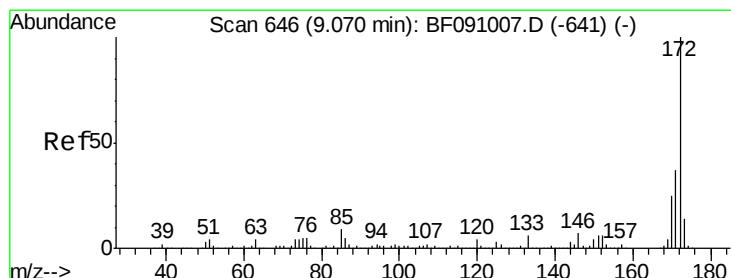
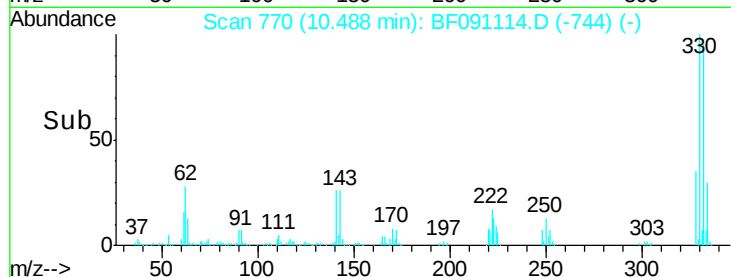
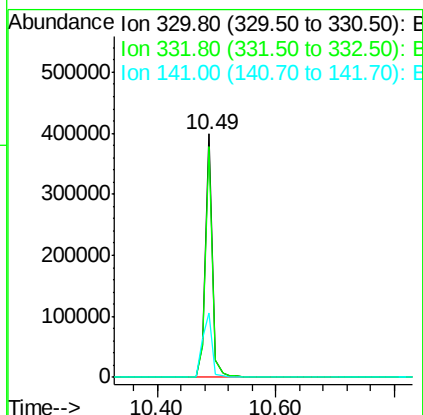
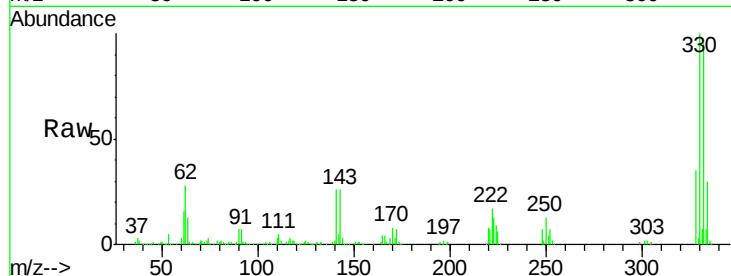




#41
 2,4,6-Tribromophenol
 Concen: 125.98 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091114.D
 Acq: 9 Nov 2016 6:55

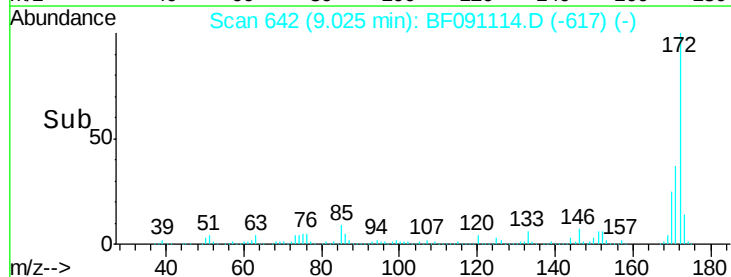
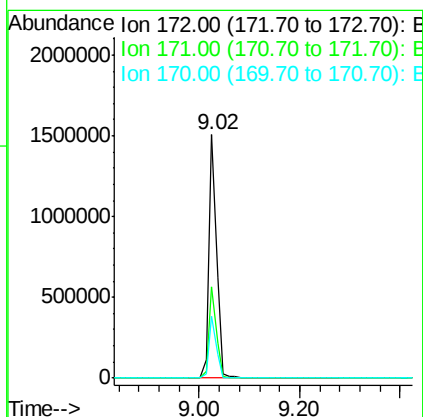
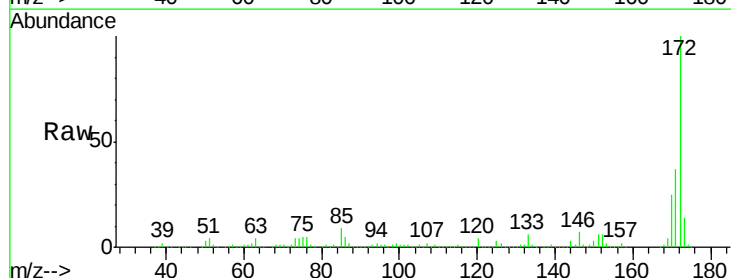
Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-1

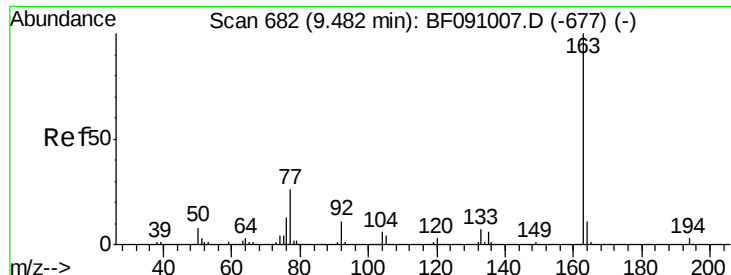
Tot Ion:330 Resp: 343968
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.9 113.9
 141 36.5 36.1 54.1



#44
 2-Fluorobiphenyl
 Concen: 91.08 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091114.D
 Acq: 9 Nov 2016 6:55

Tgt Ion:172 Resp: 1597746
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.2 20.3 30.5

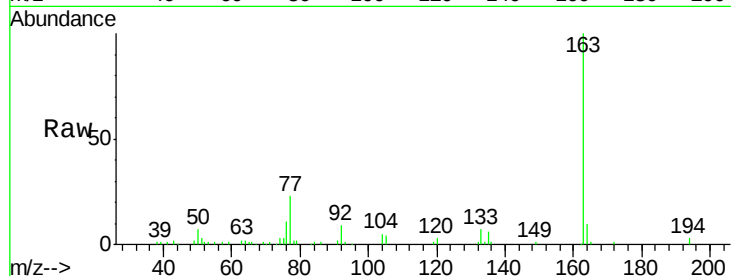




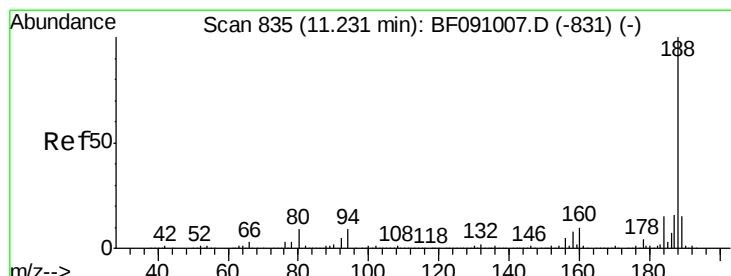
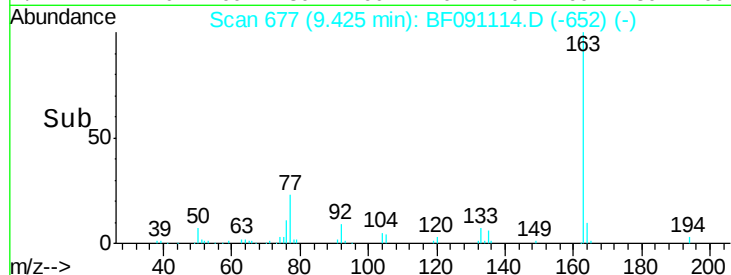
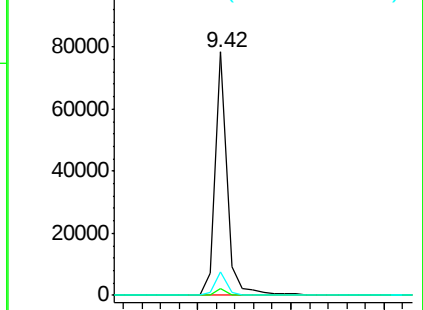
#49
Dimethylphthalate
Concen: 3.51 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-1

Tot Ion:163 Resp: 69525
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.8 8.7 13.1

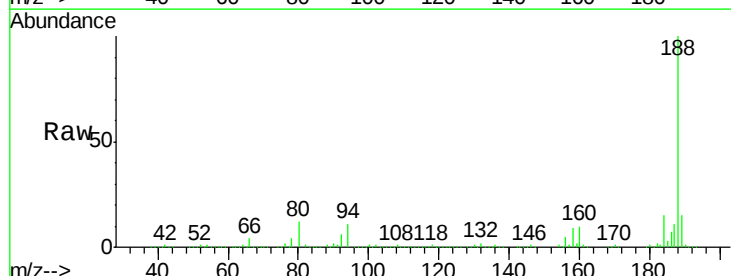


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

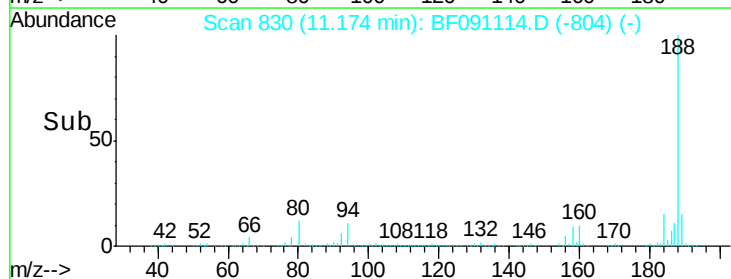
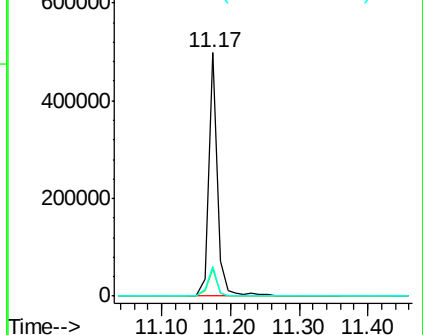


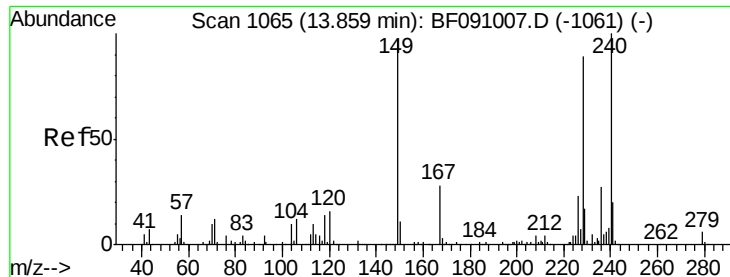
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Tgt Ion:188 Resp: 444547
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.4#
80 12.4 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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-1

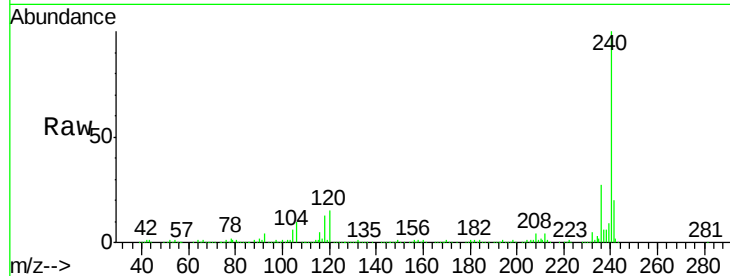
Tot Ion:240 Resp: 316780

Ion Ratio Lower Upper

240 100

120 15.2 12.9 19.3

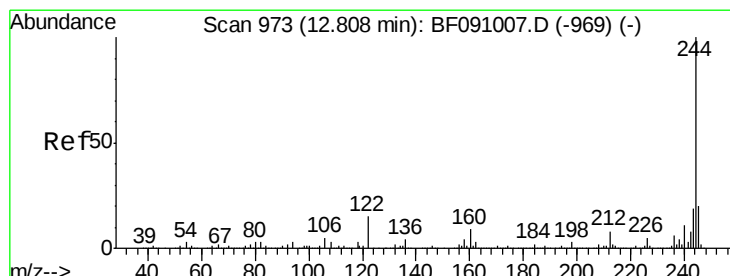
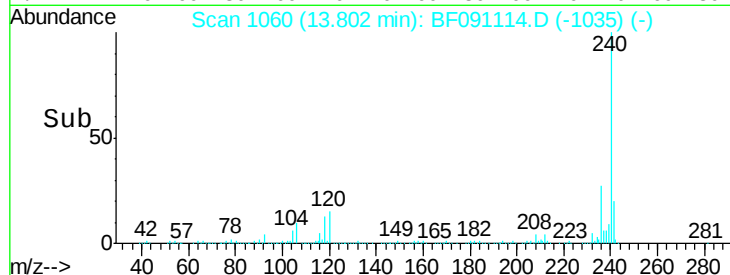
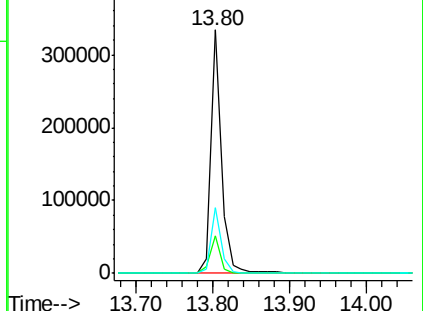
236 27.0 21.9 32.9



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: 100.59 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091114.D

Acq: 9 Nov 2016 6:55

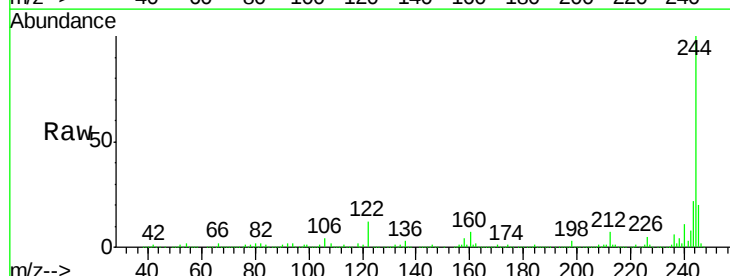
Tgt Ion:244 Resp: 1276944

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

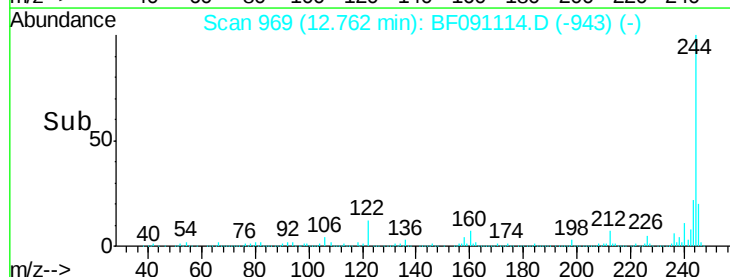
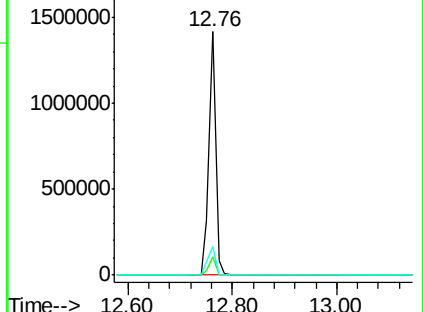
122 11.8 12.3 18.5#

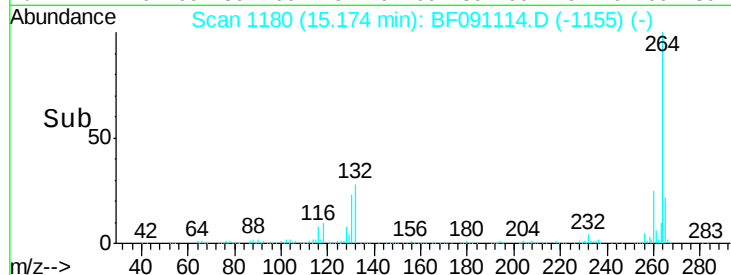
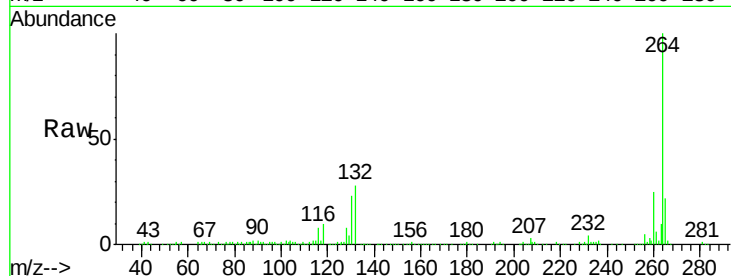
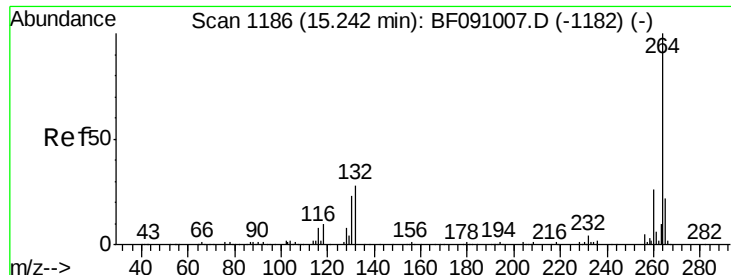


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091114.D
Acq: 9 Nov 2016 6:55

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-1

Tot Ion:	264	Resp:	269927
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.6	30.8
265	21.6	17.8	26.8

