

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091118.D
 Acq On : 9 Nov 2016 8:45
 Operator : UM/SJ
 Sample : H5547-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-5

Quant Time: Nov 09 10:28:07 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

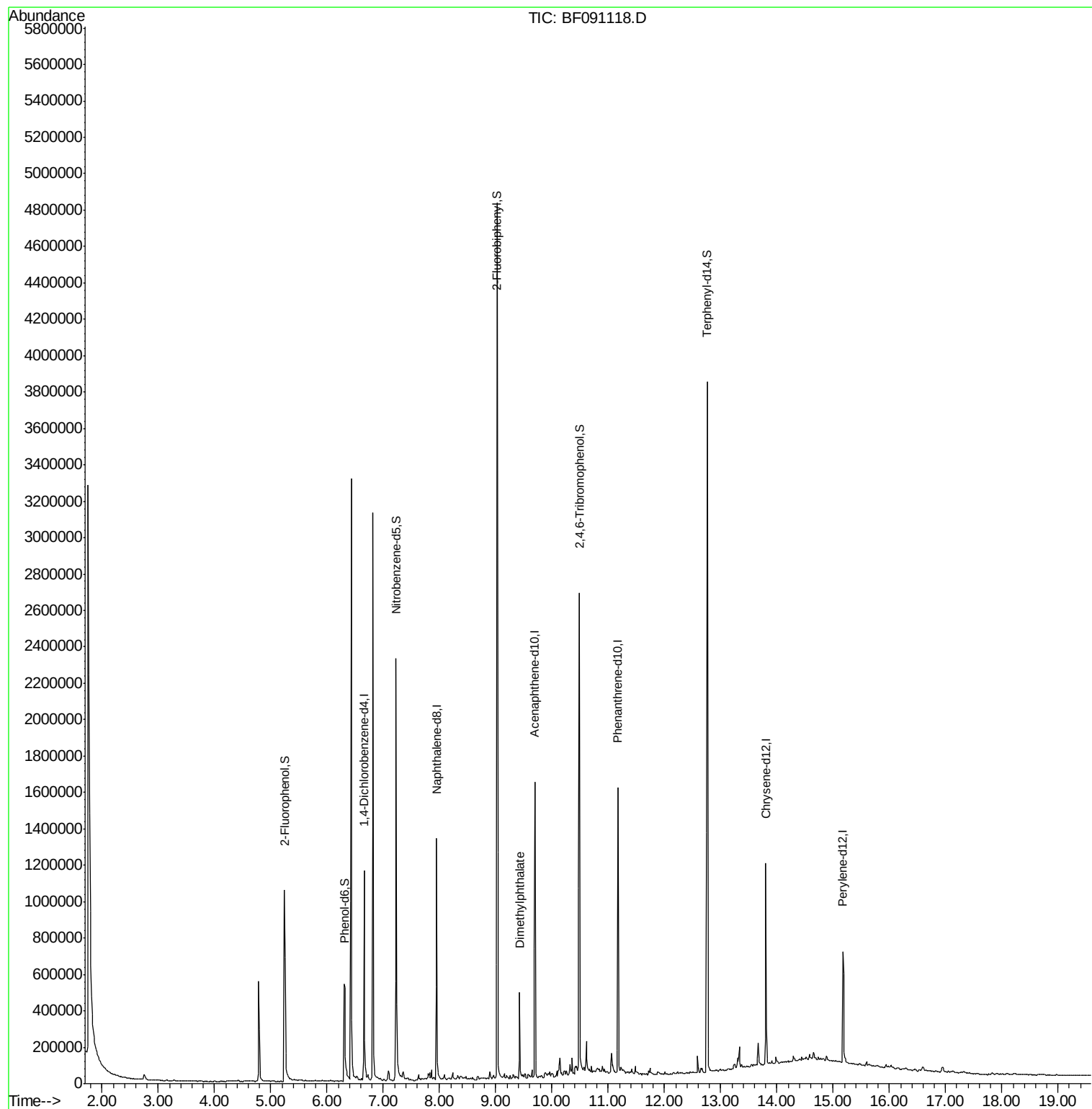
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178026	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	713553	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	364005	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	504359	20.00	ng	0.00
75) Chrysene-d12	13.80	240	343623	20.00	ng	-0.01
86) Perylene-d12	15.17	264	291508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	433526	40.22	ng	0.00
7) Phenol-d6	6.32	99	338501	23.14	ng	0.00
23) Nitrobenzene-d5	7.23	82	899982	68.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	340974	103.61	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1553734	73.49	ng	-0.01
78) Terphenyl-d14	12.76	244	1185969	86.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.42	163	180785	7.57	ng	Qvalue 98

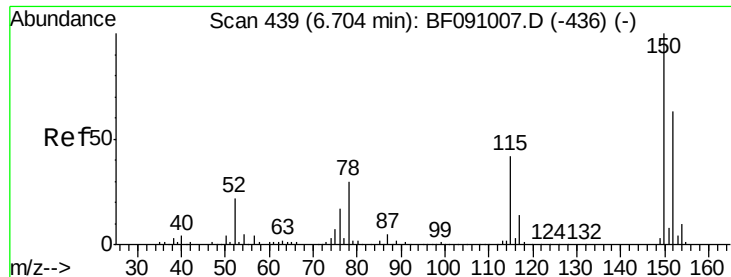
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091118.D

Acq: 9 Nov 2016 8:45

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-5

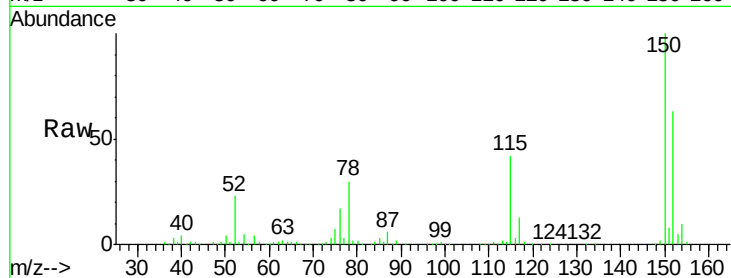
Tot Ion:152 Resp: 178026

Ion Ratio Lower Upper

152 100

150 158.5 126.8 190.2

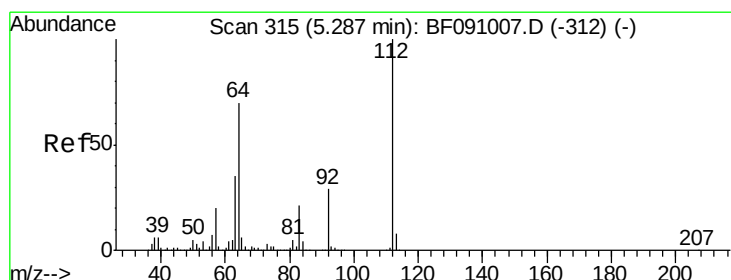
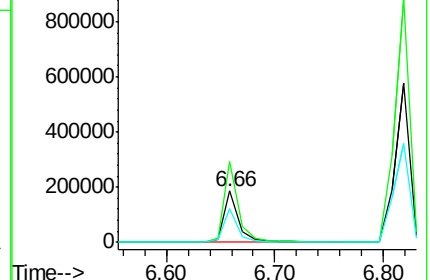
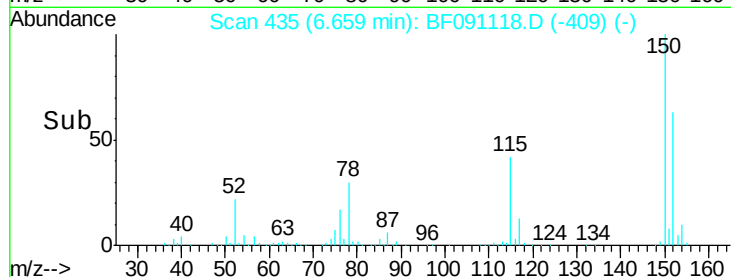
115 66.0 53.3 79.9



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: 40.22 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

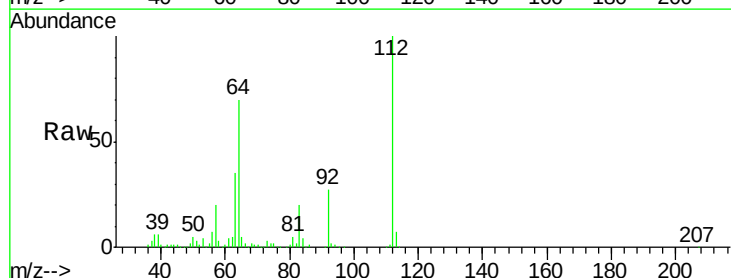
Tgt Ion:112 Resp: 433526

Ion Ratio Lower Upper

112 100

64 70.3 55.8 83.6

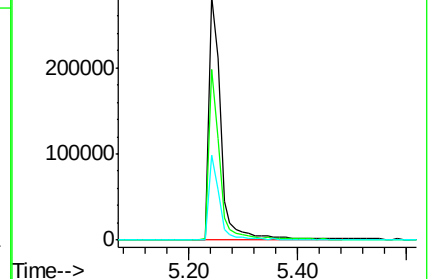
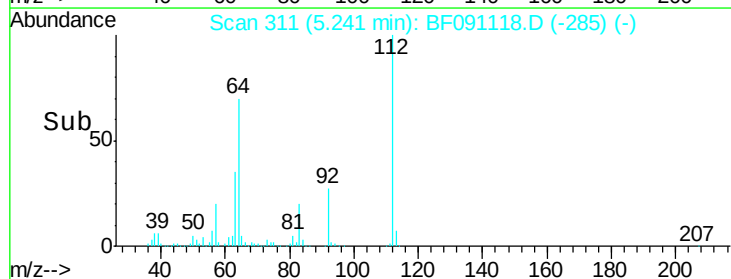
63 34.8 28.0 42.0

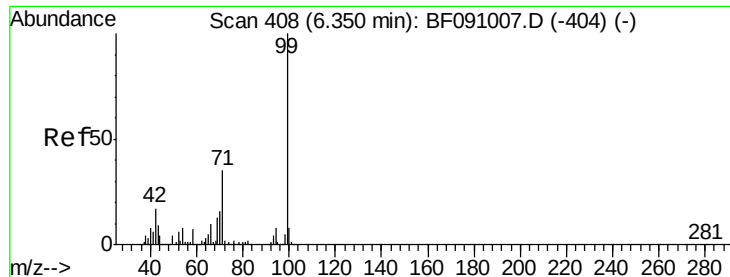


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.14 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-5

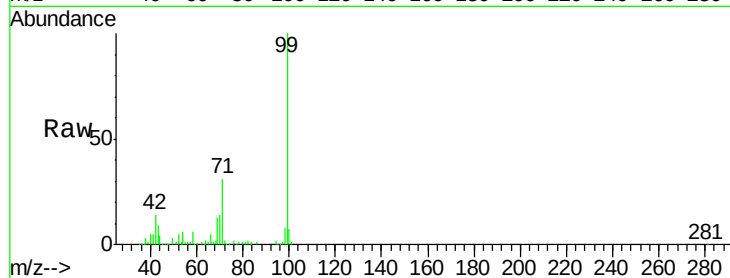
Tot Ion: 99 Resp: 338501

Ion Ratio Lower Upper

99 100

42 14.1 13.9 20.9

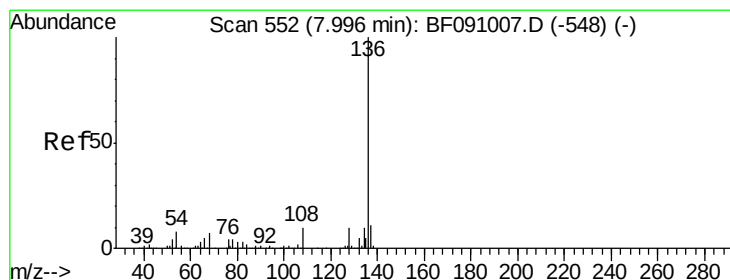
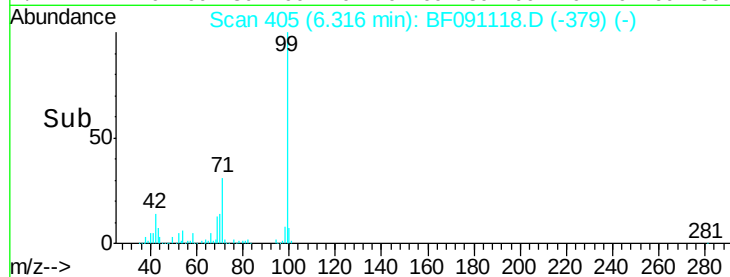
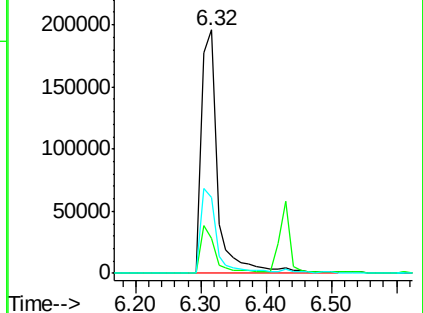
71 31.4 27.8 41.8



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: BF091118.D

Acq: 9 Nov 2016 8:45

Tgt Ion: 136 Resp: 713553

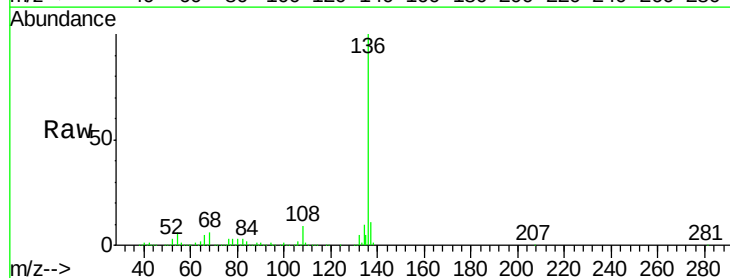
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.3 6.2 9.2

68 5.9 5.5 8.3

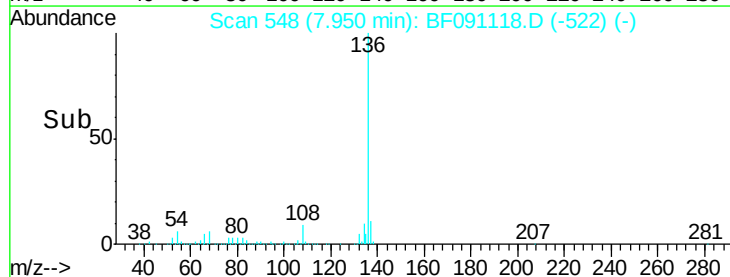
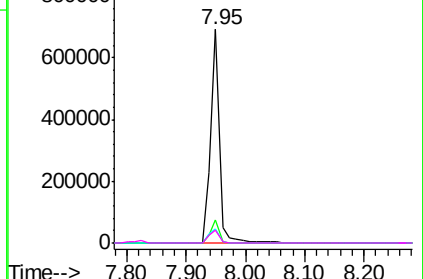


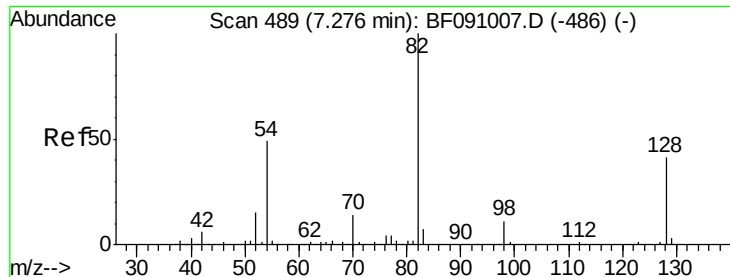
Abundance Ion 136.00 (135.70 to 136.70): E

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

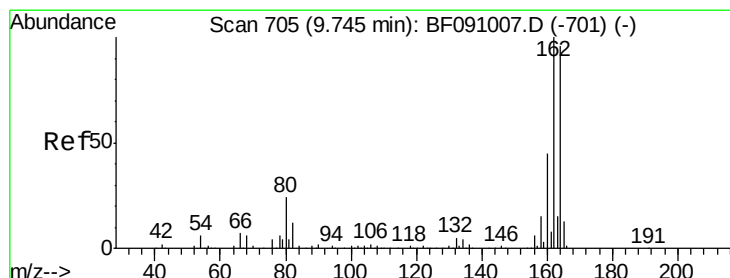
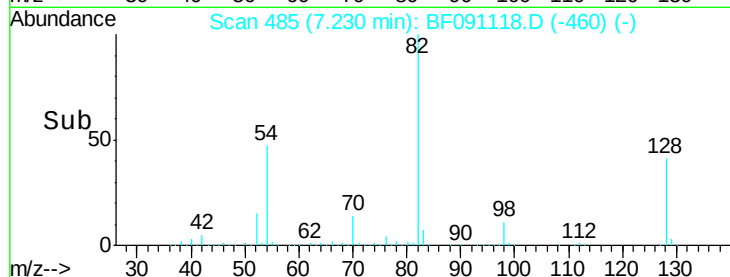
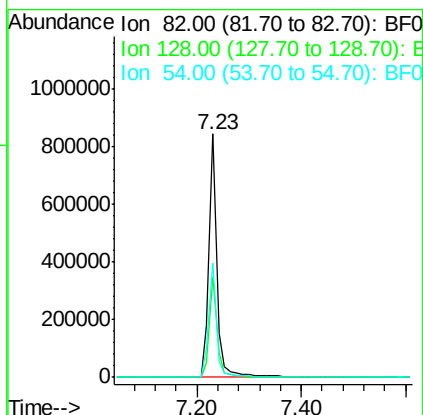
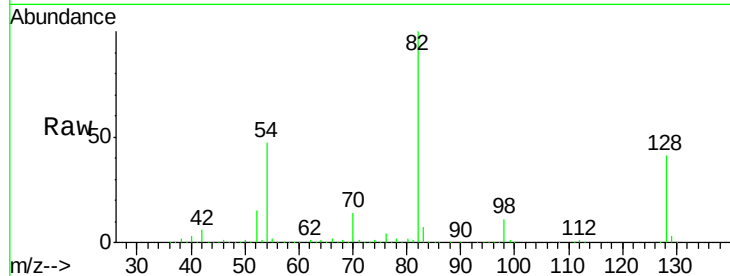




#23
Nitrobenzene-d5
Concen: 68.80 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091118.D
Acq: 9 Nov 2016 8:45

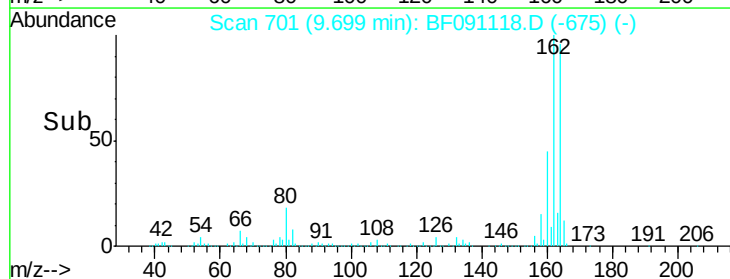
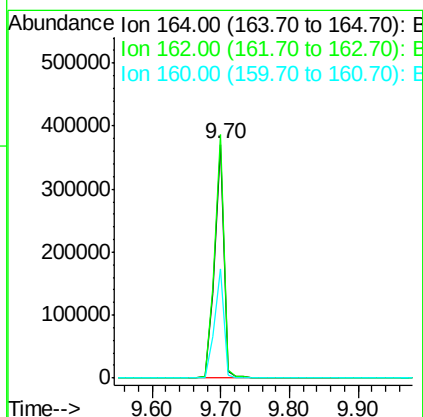
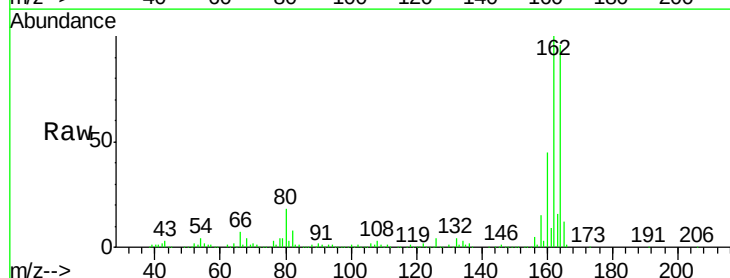
Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-5

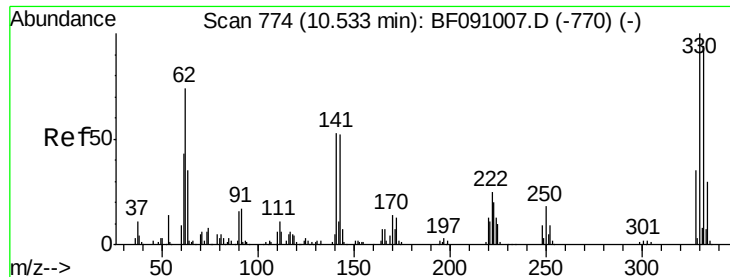
Tot Ion: 82 Resp: 899982
Ion Ratio Lower Upper
82 100
128 40.9 32.4 48.6
54 47.1 39.2 58.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091118.D
Acq: 9 Nov 2016 8:45

Tgt Ion:164 Resp: 364005
Ion Ratio Lower Upper
164 100
162 104.2 83.6 125.4
160 47.0 37.9 56.9

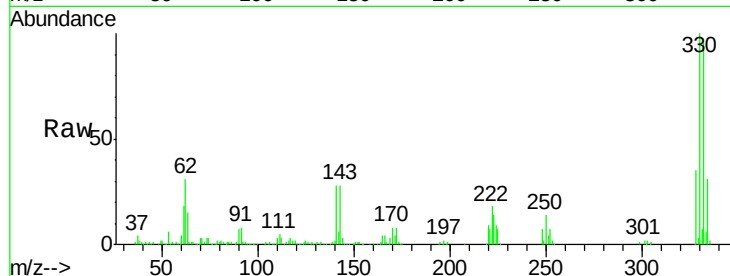




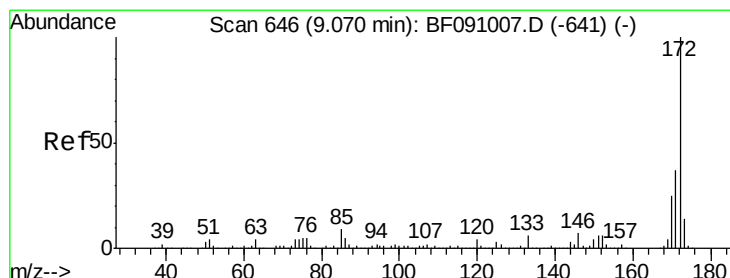
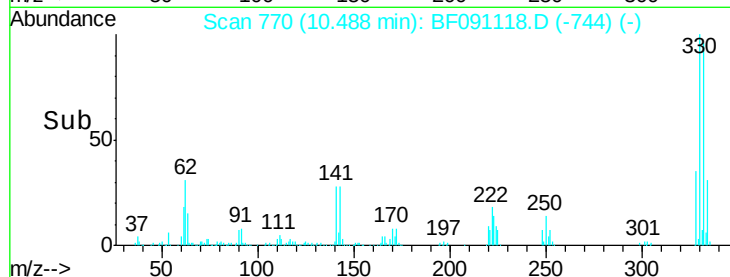
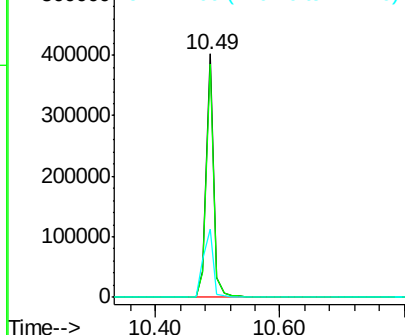
#41
 2,4,6-Tribromophenol
 Concen: 103.61 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091118.D
 Acq: 9 Nov 2016 8:45

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-5

Tot Ion:330 Resp: 340974
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.9 113.9
 141 38.1 36.1 54.1

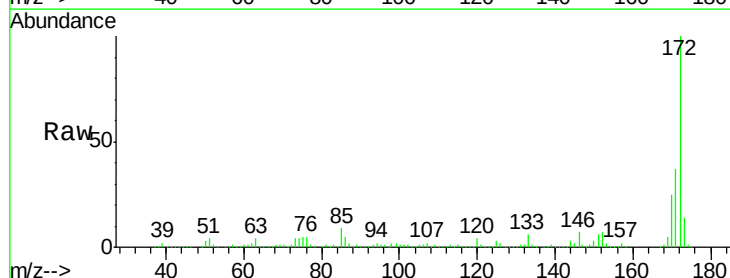


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

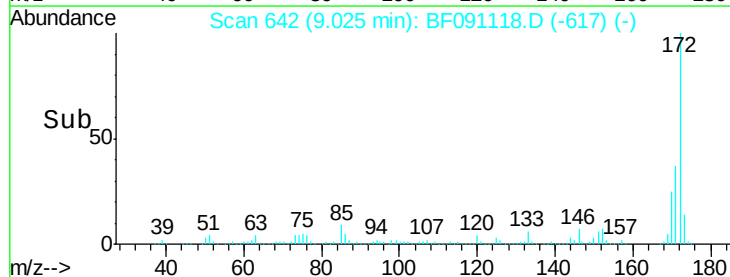
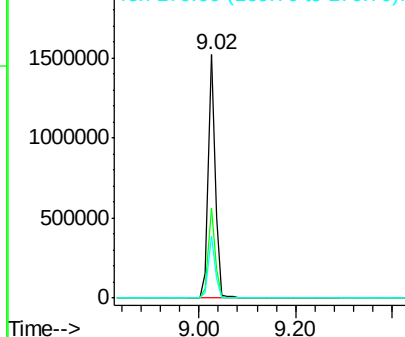


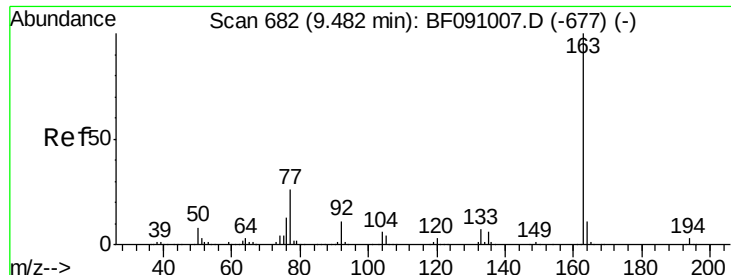
#44
 2-Fluorobiphenyl
 Concen: 73.49 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091118.D
 Acq: 9 Nov 2016 8:45

Tgt Ion:172 Resp: 1553734
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.5 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: 7.57 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-5

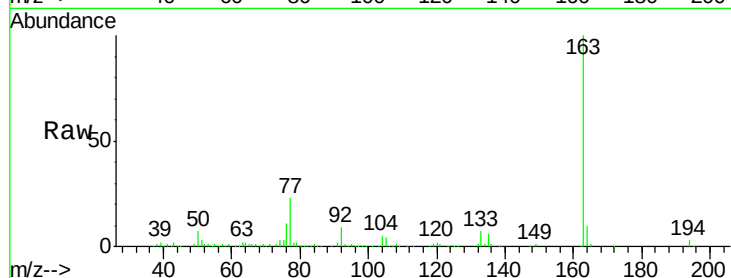
Tot Ion:163 Resp: 180785

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

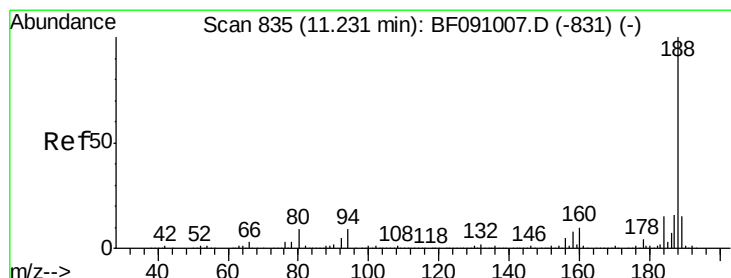
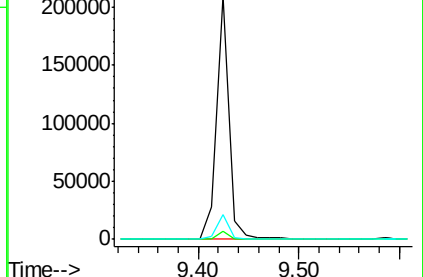
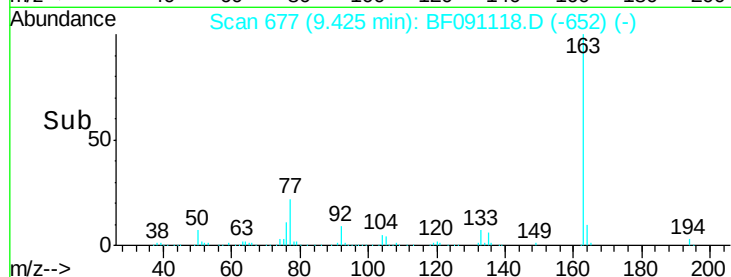
164 9.9 8.7 13.1



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: BF091118.D

Acq: 9 Nov 2016 8:45

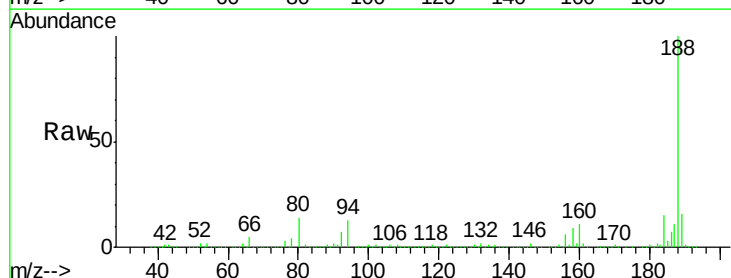
Tgt Ion:188 Resp: 504359

Ion Ratio Lower Upper

188 100

94 12.6 7.0 10.4#

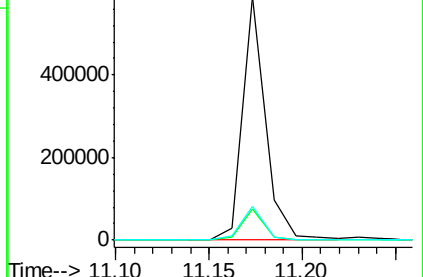
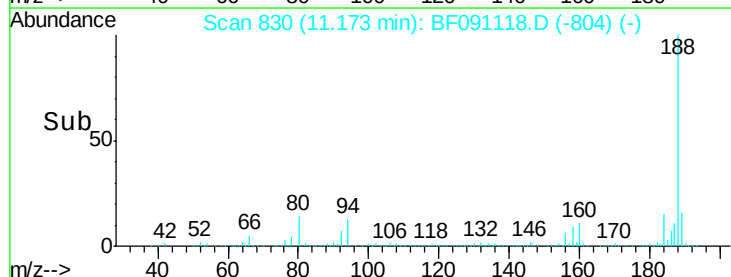
80 14.1 7.5 11.3#

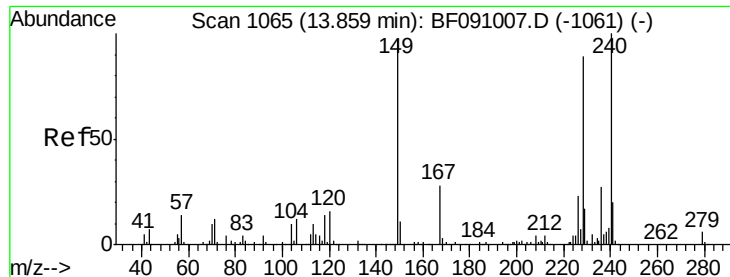


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091118.D

Acq: 9 Nov 2016 8:45

Instrument :

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ClientSampleId :

WATER-QUALITYDRY-5

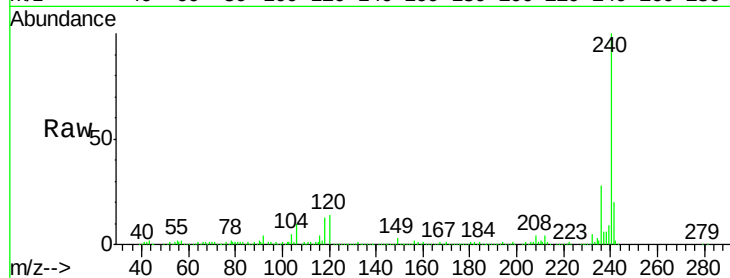
Tot Ion:240 Resp: 343623

Ion Ratio Lower Upper

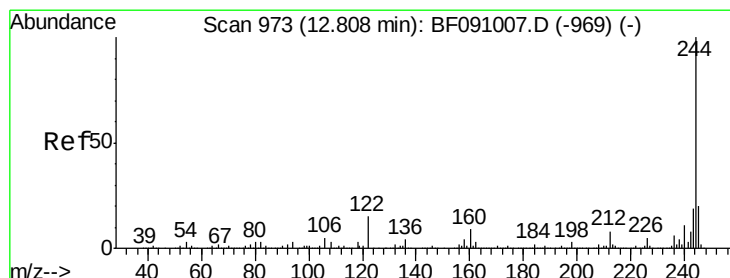
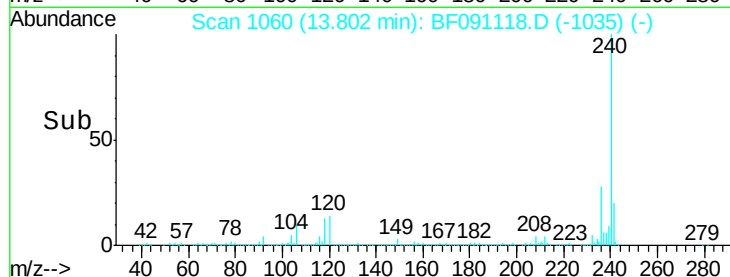
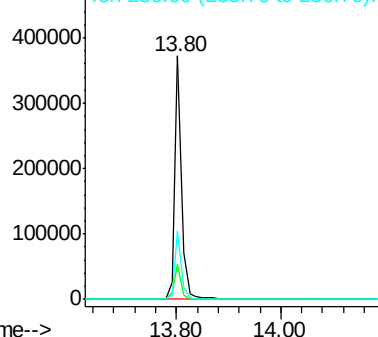
240 100

120 14.3 12.9 19.3

236 27.9 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: 86.13 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

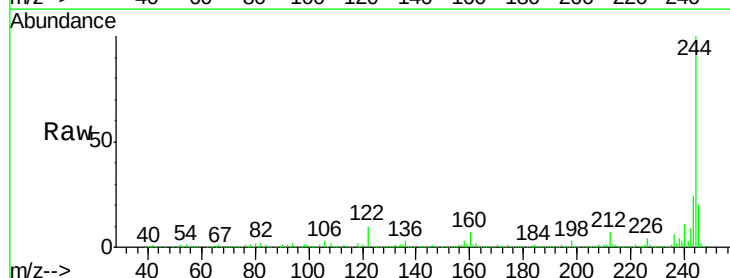
Tgt Ion:244 Resp: 1185969

Ion Ratio Lower Upper

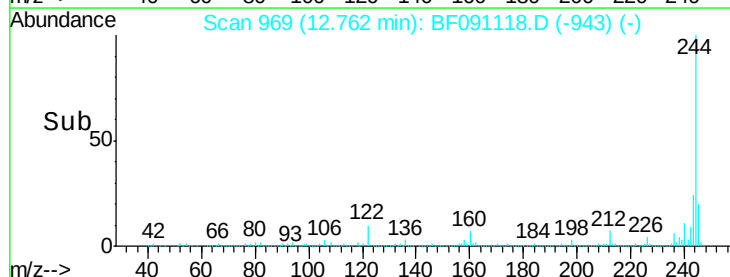
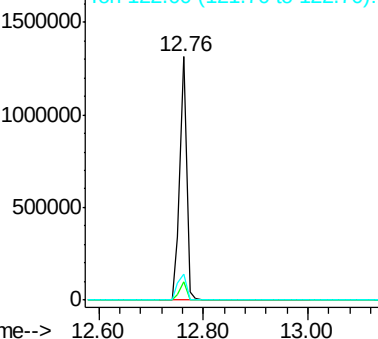
244 100

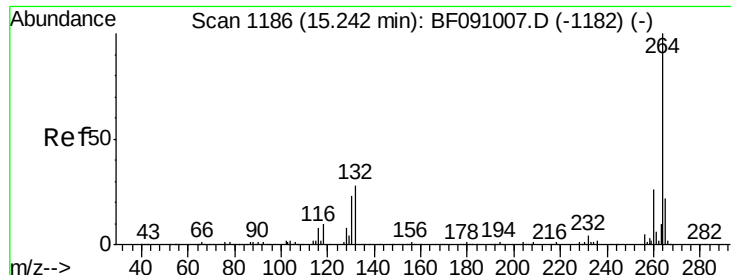
212 7.4 6.4 9.6

122 10.4 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

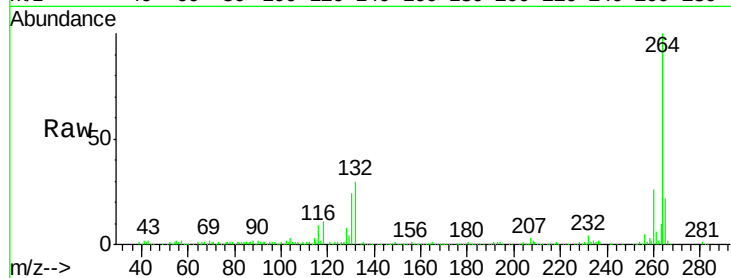




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091118.D
Acq: 9 Nov 2016 8:45

Instrument :
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WATER-QUALITYDRY-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	22.0	17.8	26.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

