

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 10:18:32 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

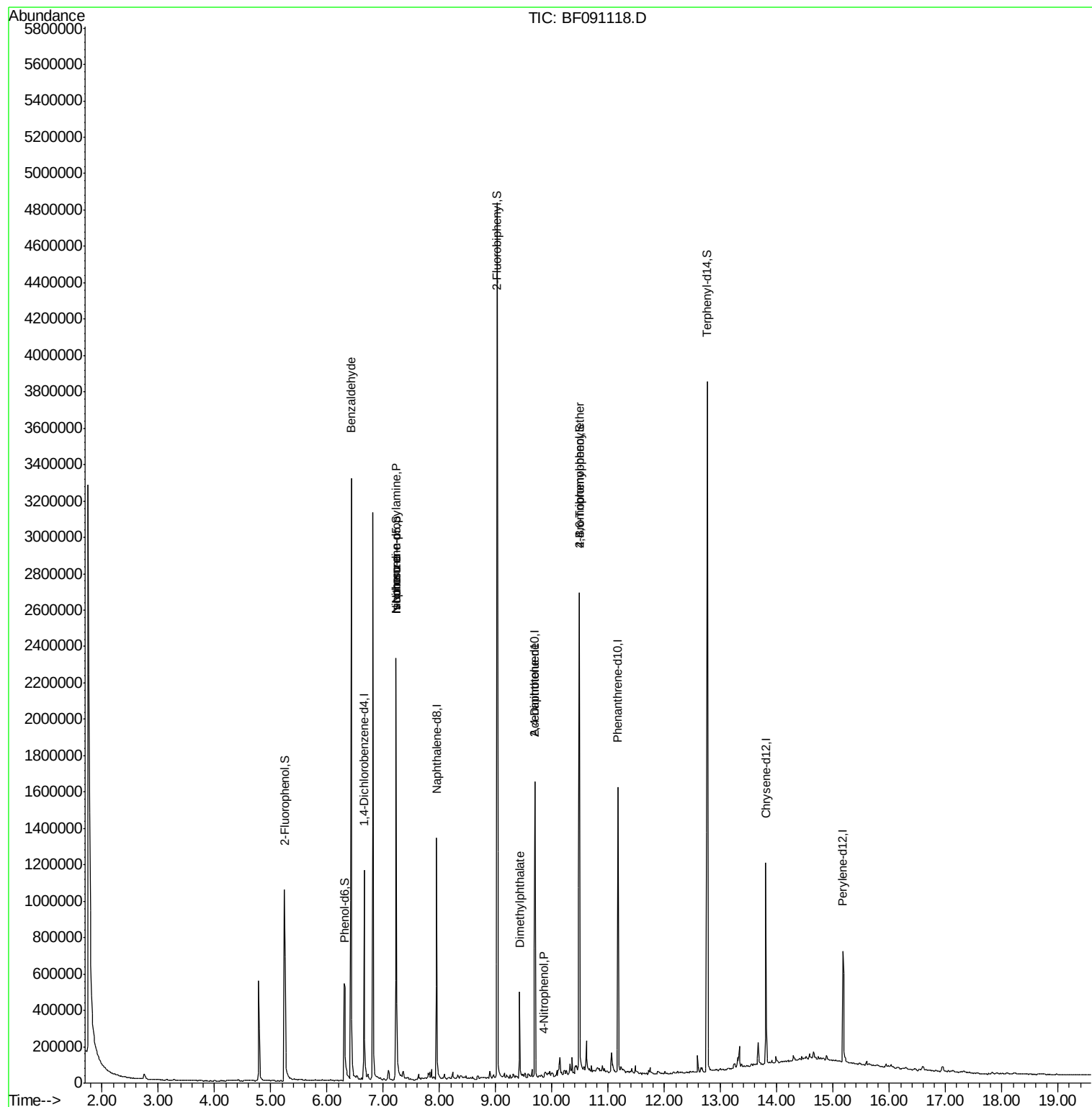
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178026	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	713553	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	364005	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	504359	20.00	ng	0.00
75) Chrysene-d12	13.80	240	343623	20.00	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						Qvalue
9) Benzaldehyde	6.43	77	21383	2.63	ng	90
19) n-Nitroso-di-n-propylamine	7.23	70	124120	12.24	ng	# 78
25) Isophorone	7.23	82	752323	29.85	ng	# 67
49) Dimethylphthalate	9.42	163	180785	7.57	ng	98
55) 4-Nitrophenol	9.85	139	416	5.83	ng	# 42
56) 2,4-Dinitrotoluene	9.70	165	46724	7.18	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	24020	4.58	ng	# 1

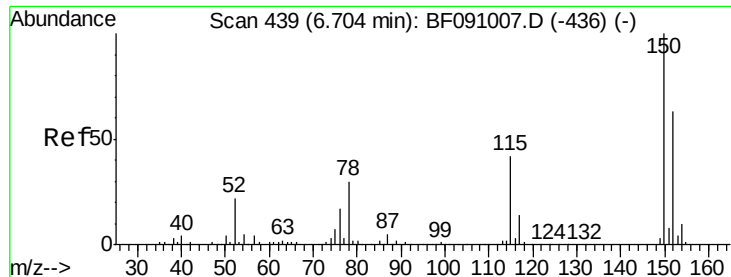
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

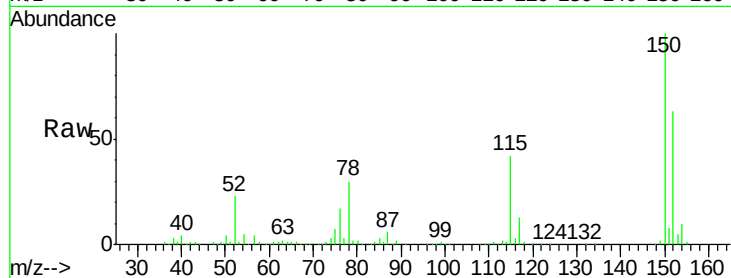
Tgt Ion:152 Resp: 178026

Ion Ratio Lower Upper

152 100

150 158.5 126.8 190.2

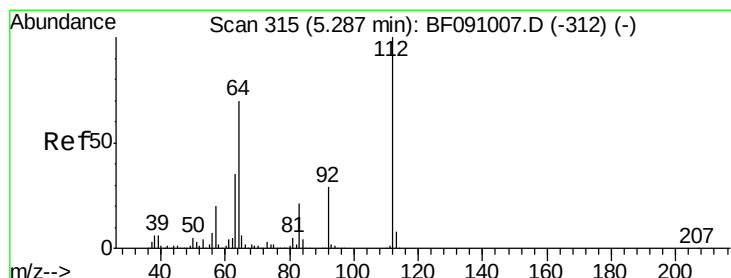
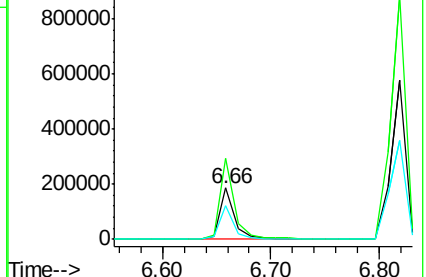
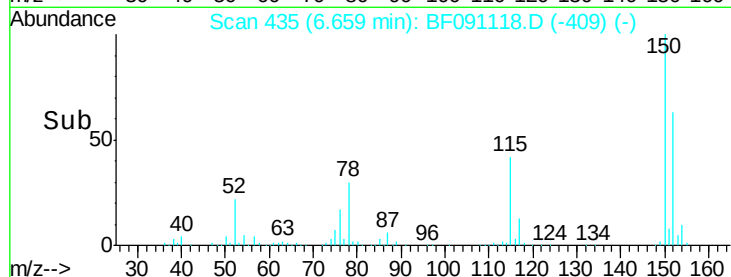
115 66.0 53.3 79.9



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

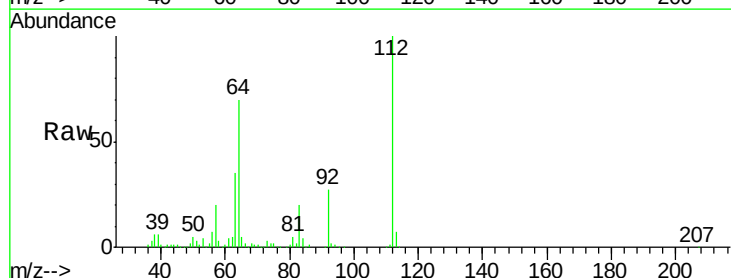
Tgt Ion:112 Resp: 433526

Ion Ratio Lower Upper

112 100

64 70.3 55.8 83.6

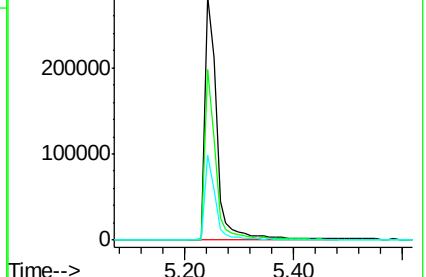
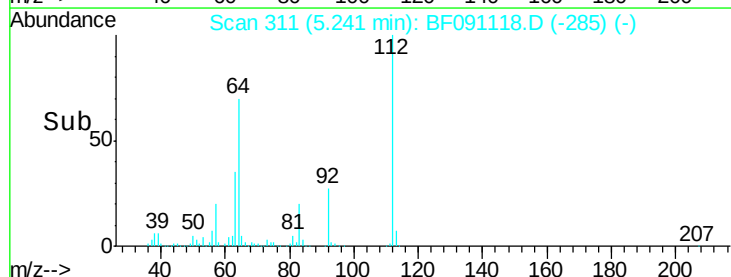
63 34.8 28.0 42.0

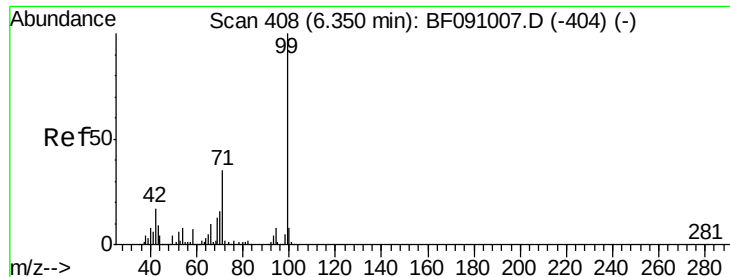


Abundance Ion 112.00 (111.70 to 112.70): E

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

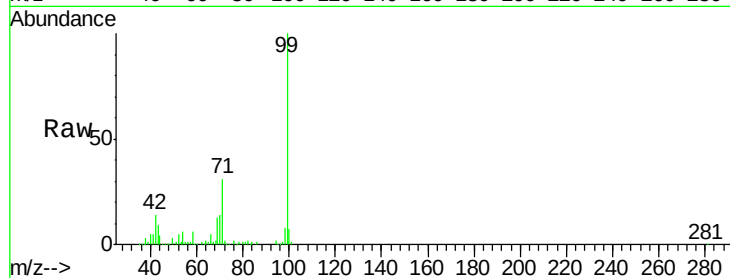
Tgt Ion: 99 Resp: 338501

Ion Ratio Lower Upper

99 100

42 14.1 13.9 20.9

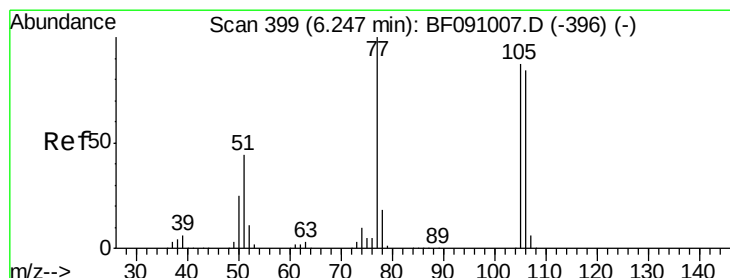
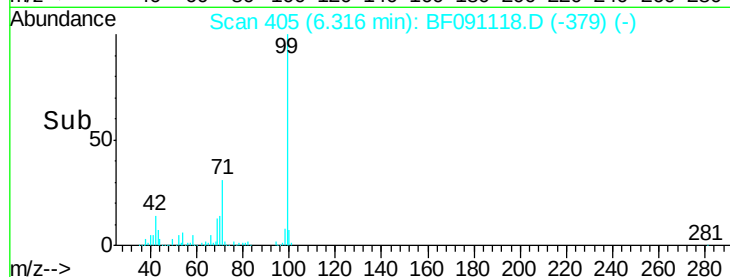
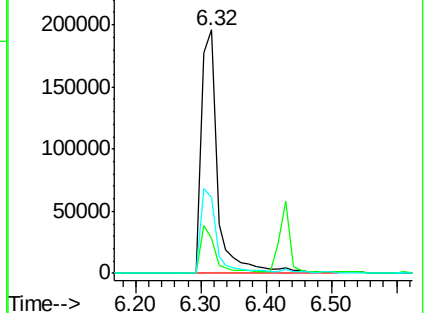
71 31.4 27.8 41.8



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



#9

Benzaldehyde

Concen: 2.63 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

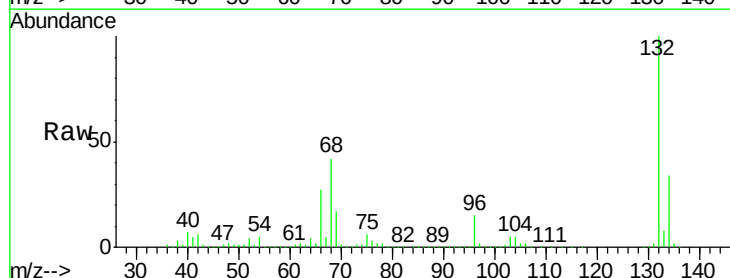
Tgt Ion: 77 Resp: 21383

Ion Ratio Lower Upper

77 100

105 80.7 66.8 106.8

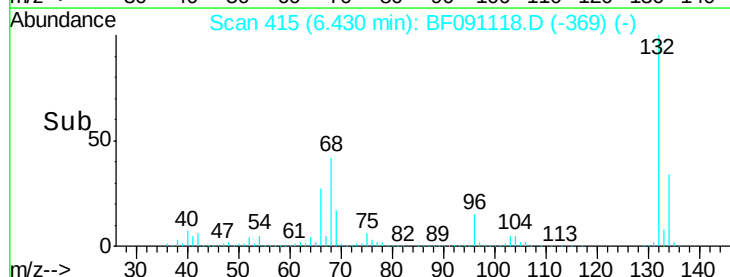
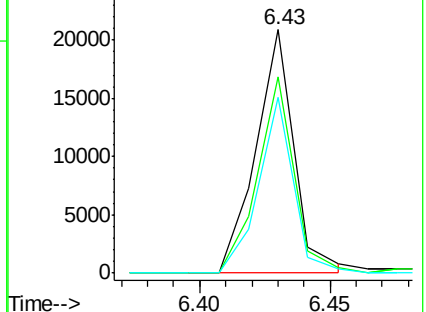
106 72.0 64.0 104.0

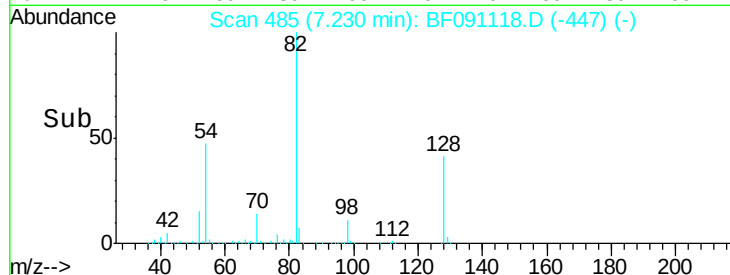
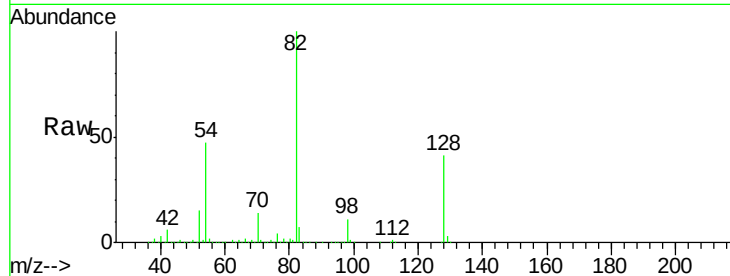
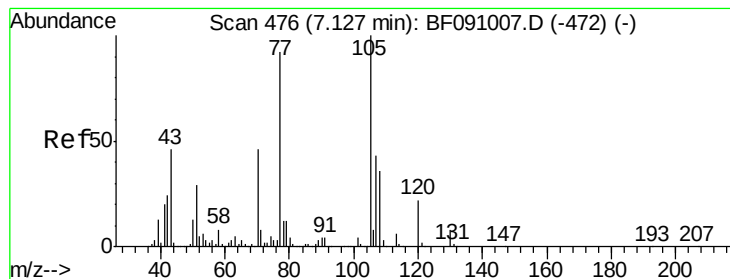


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 12.24 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-5

Tgt Ion: 70 Resp: 124120

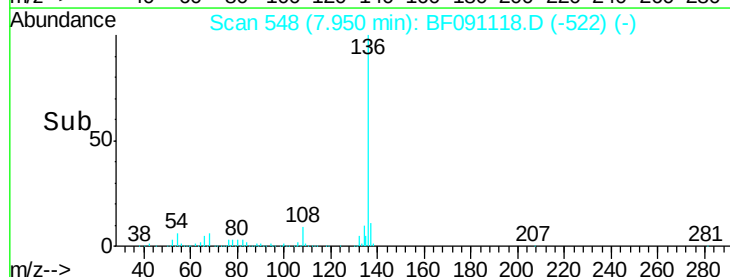
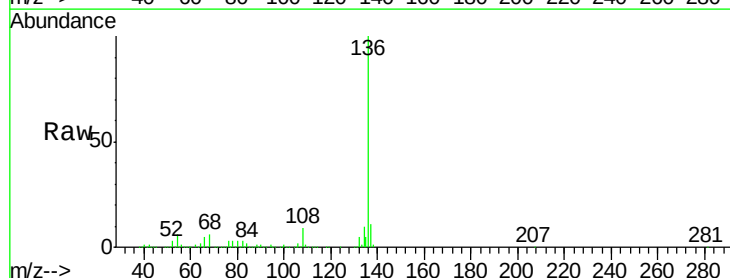
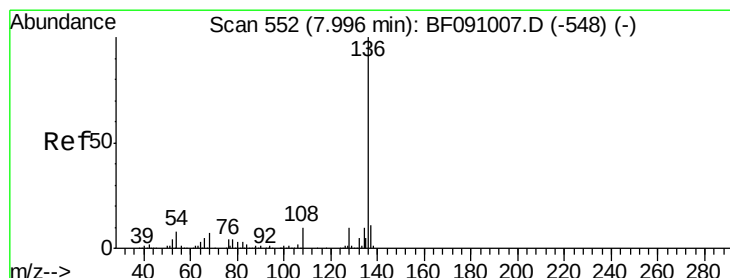
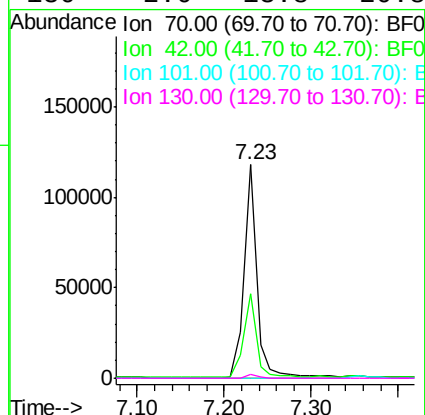
Ion Ratio Lower Upper

70 100

42 39.7 41.7 62.5#

101 0.0 6.7 10.1#

130 2.0 13.8 20.8#



#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

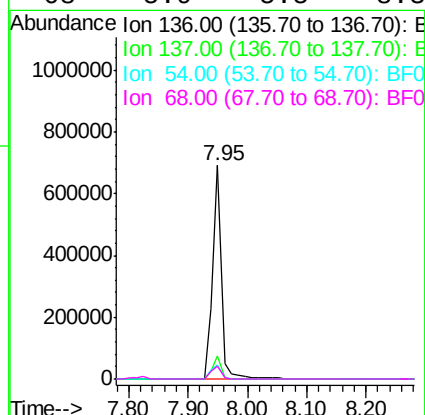
Ion Ratio Lower Upper

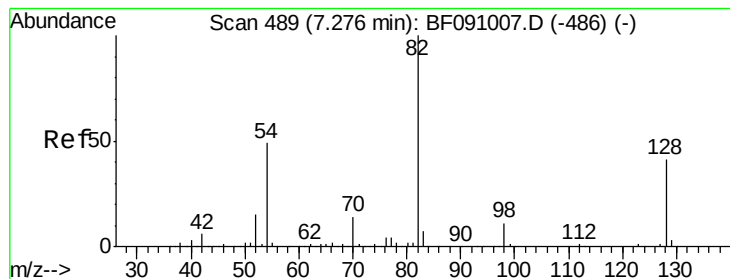
136 100

137 10.8 8.9 13.3

54 6.3 6.2 9.2

68 5.9 5.5 8.3





#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

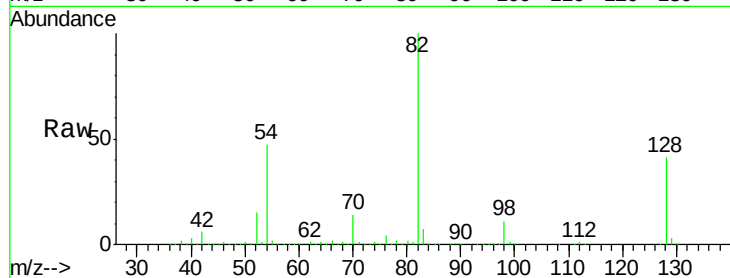
Tgt Ion: 82 Resp: 899982

Ion Ratio Lower Upper

82 100

128 40.9 32.4 48.6

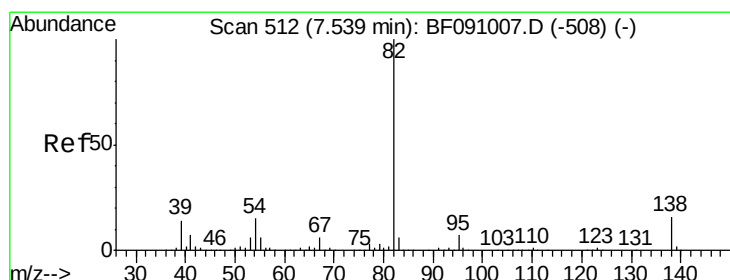
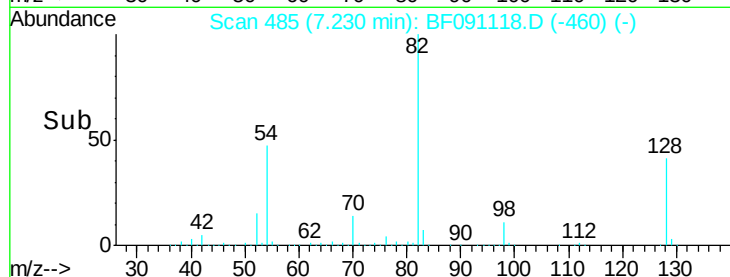
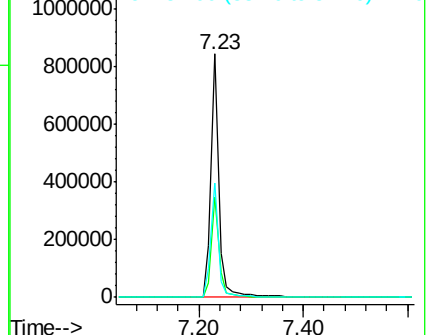
54 47.1 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 29.85 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

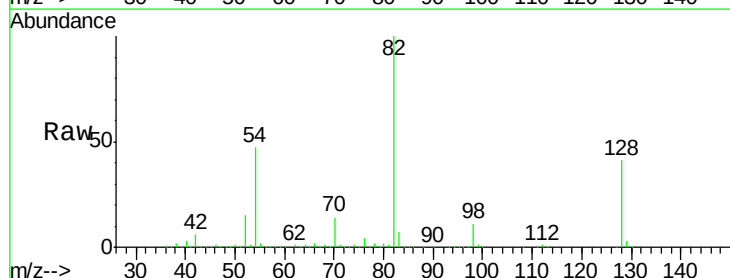
Tgt Ion: 82 Resp: 752323

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

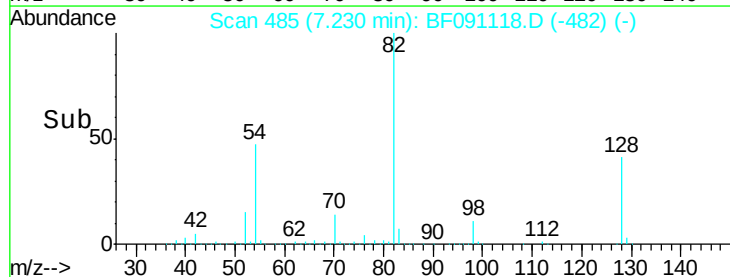
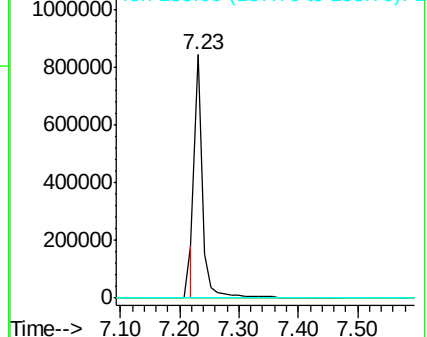
138 0.0 13.0 19.4#

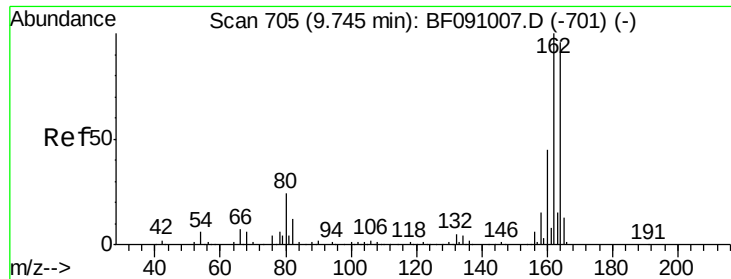


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

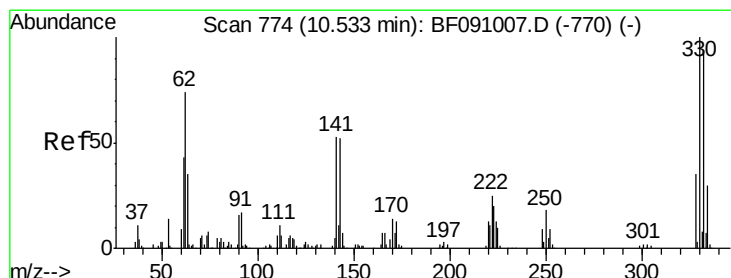
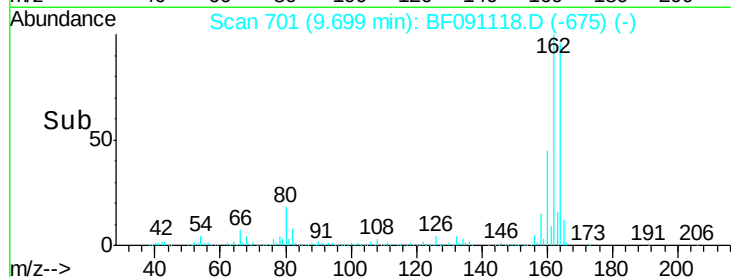
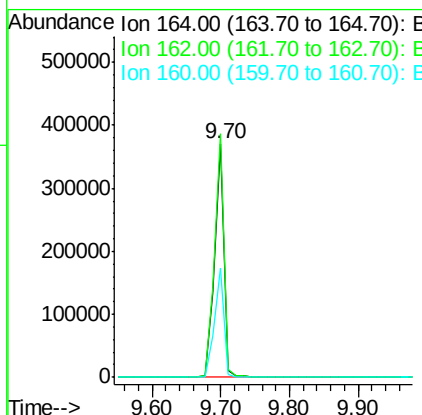
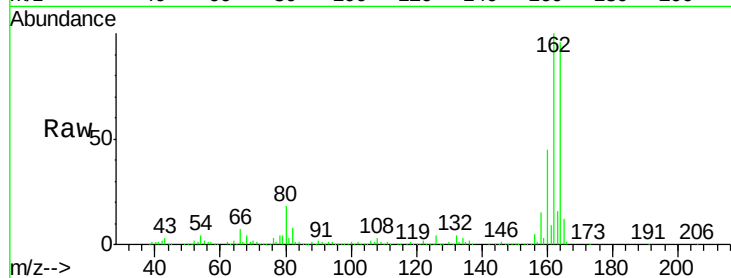




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF091118.D
 Acq: 9 Nov 2016 8:45

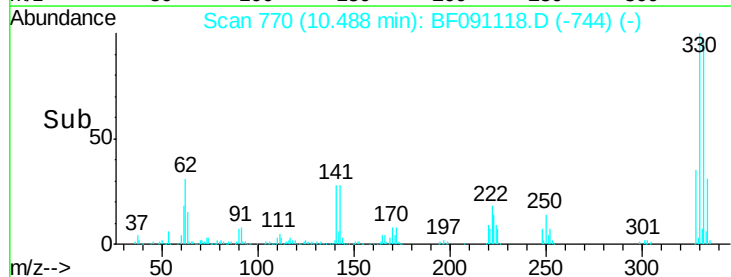
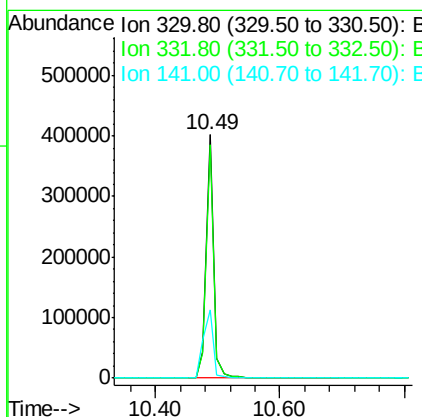
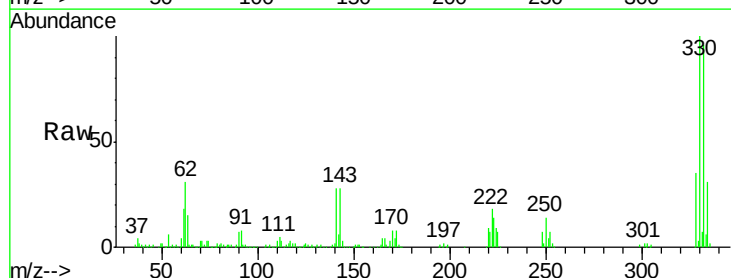
Instrument :
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 ClientSampleId :
 WATER-QUALITYDRY-5

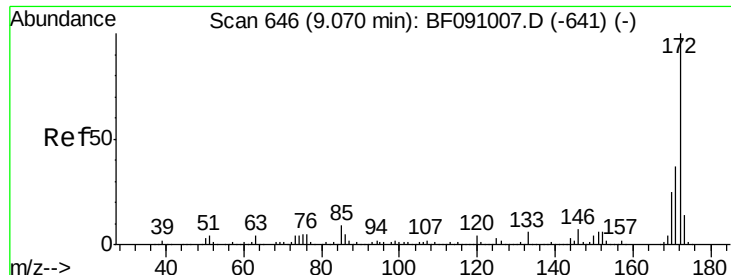
Tgt Ion:164 Resp: 364005
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.6 125.4
 160 47.0 37.9 56.9



#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

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

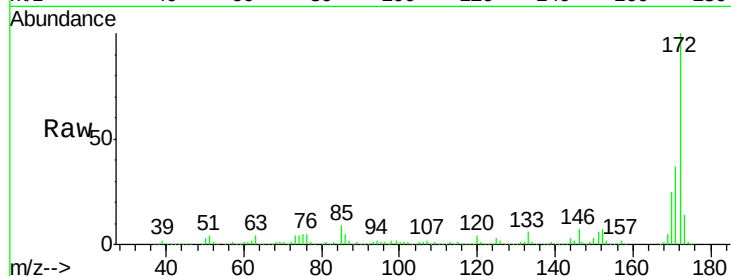




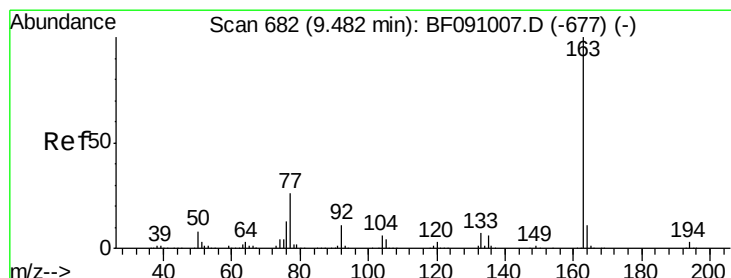
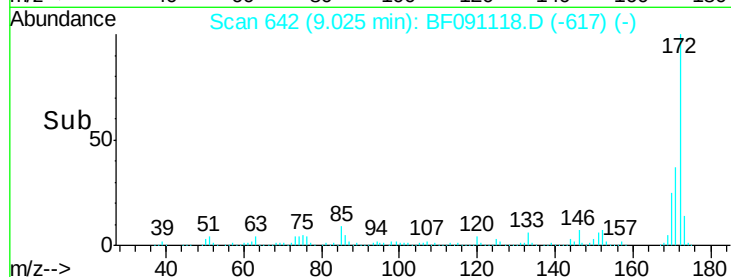
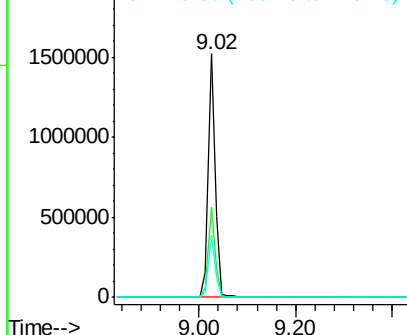
#44
 2-Fluorobiphenyl
 Concen: 73.49 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091118.D
 Acq: 9 Nov 2016 8:45

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-5

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

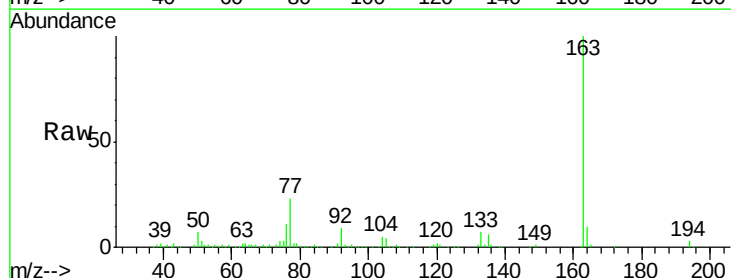


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

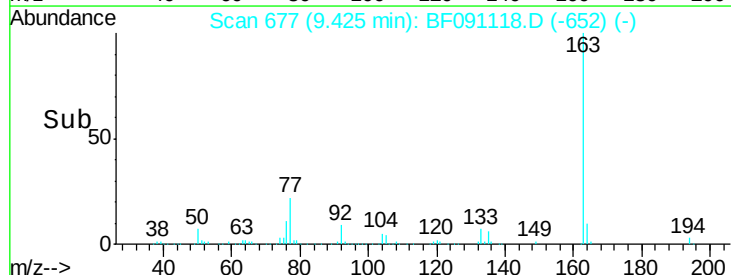
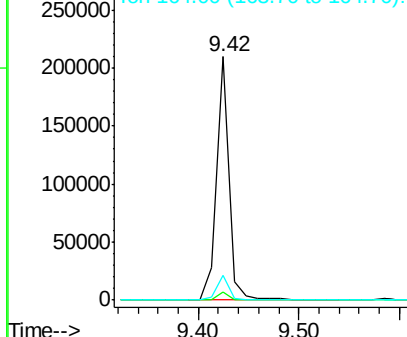


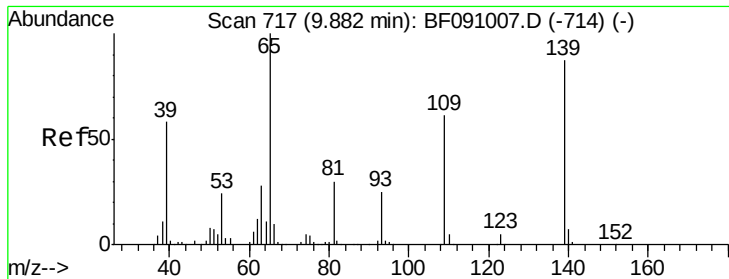
#49
 Dimethylphthalate
 Concen: 7.57 ng
 RT: 9.42 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF091118.D
 Acq: 9 Nov 2016 8:45

Tgt 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





#55

4-Nitrophenol

Concen: 5.83 ng

RT: 9.85 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-5

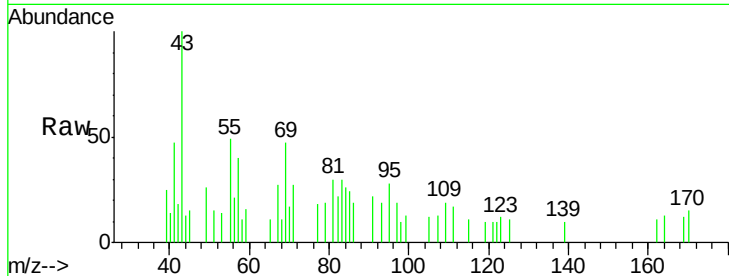
Tgt Ion:139 Resp: 416

Ion Ratio Lower Upper

139 100

109 182.0 50.5 90.5#

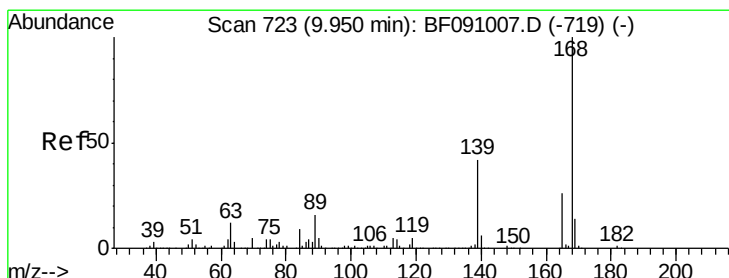
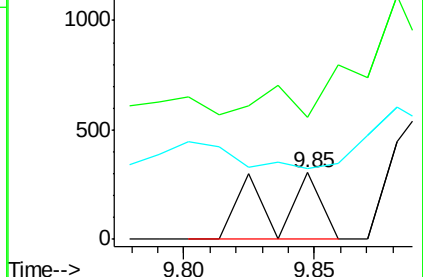
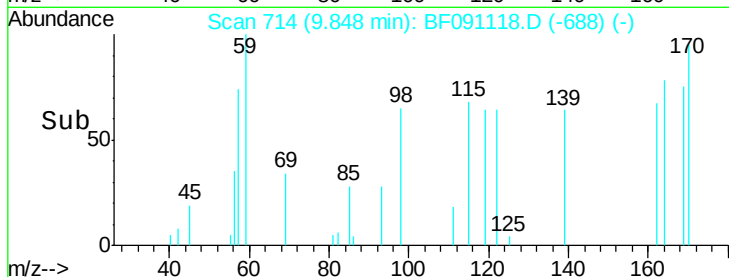
65 105.2 97.1 137.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 7.18 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.21 min

Lab File: BF091118.D

Acq: 9 Nov 2016 8:45

Tgt Ion:165 Resp: 46724

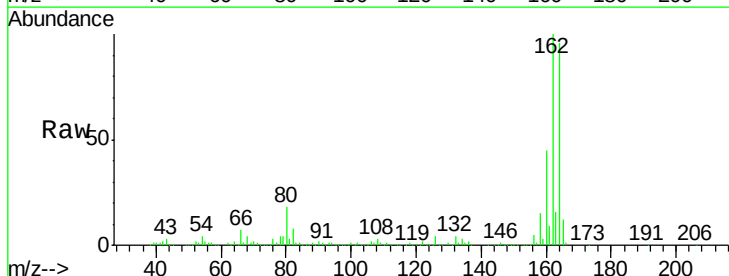
Ion Ratio Lower Upper

165 100

63 1.4 38.7 58.1#

89 1.2 50.6 76.0#

182 0.0 1.8 2.8#

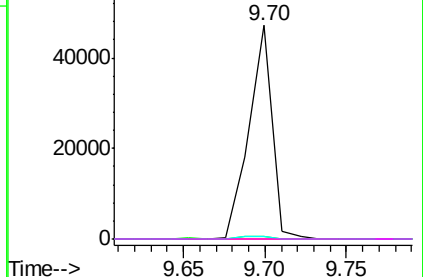
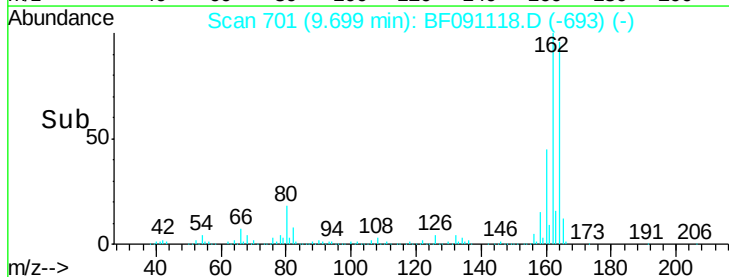


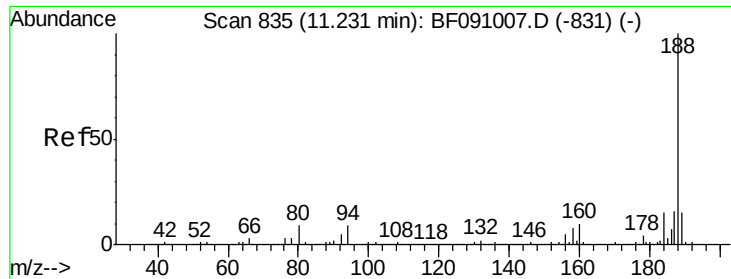
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

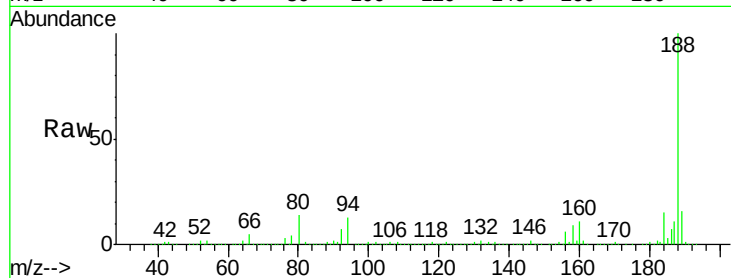




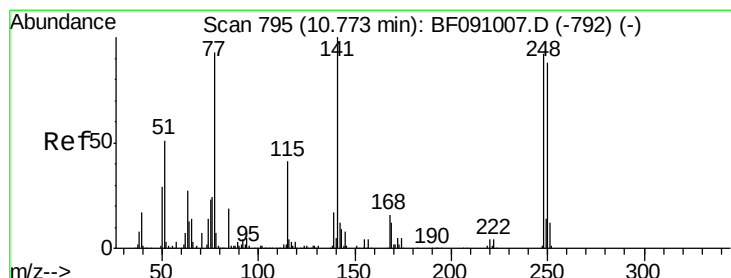
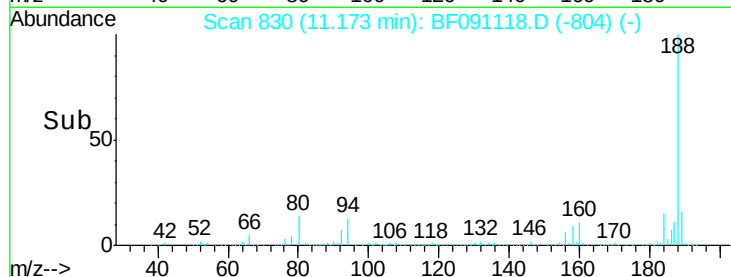
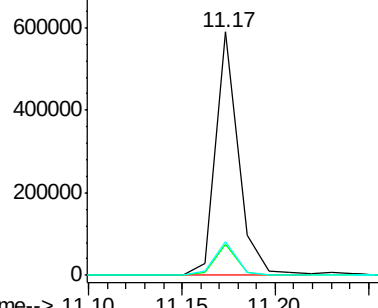
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF091118.D
 Acq: 9 Nov 2016 8:45

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-5

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#

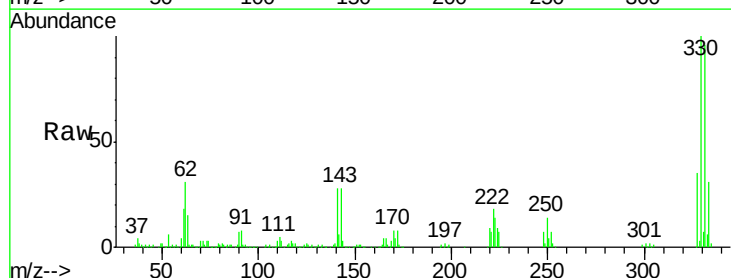


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

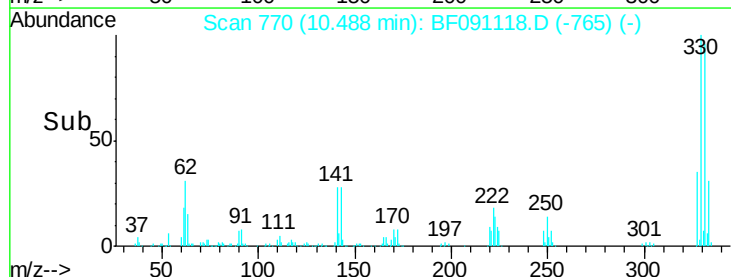
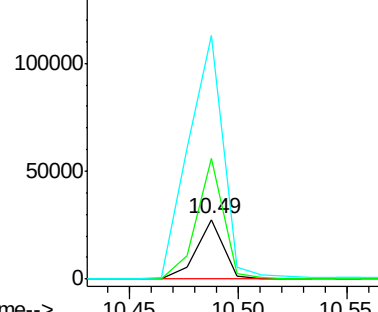


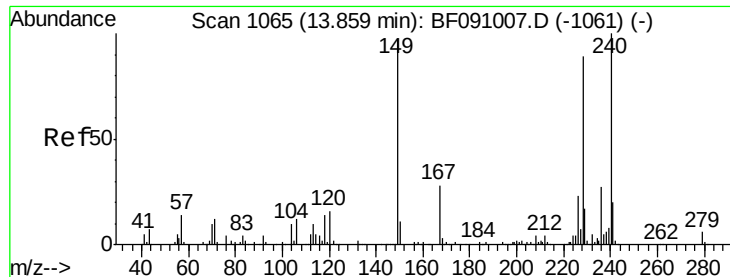
#66
 4-Bromophenyl-phenylether
 Concen: 4.58 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.24 min
 Lab File: BF091118.D
 Acq: 9 Nov 2016 8:45

Tgt Ion:248 Resp: 24020
 Ion Ratio Lower Upper
 248 100
 250 203.8 76.3 114.5#
 141 409.0 86.8 130.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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 :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-5

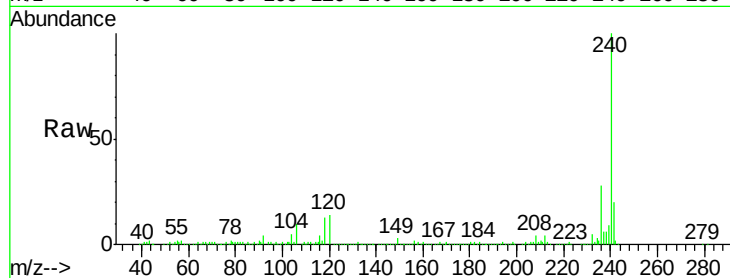
Tgt Ion:240 Resp: 343623

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

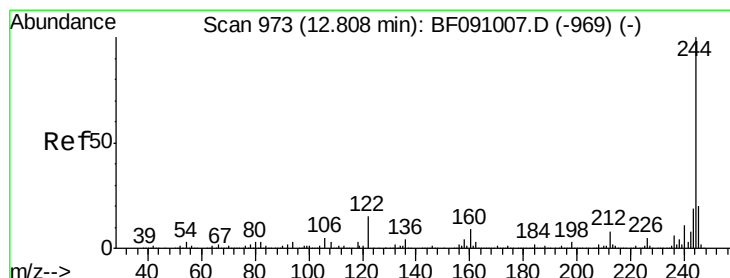
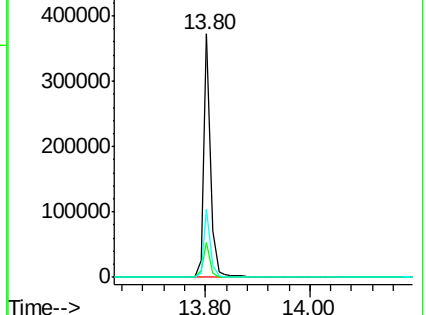
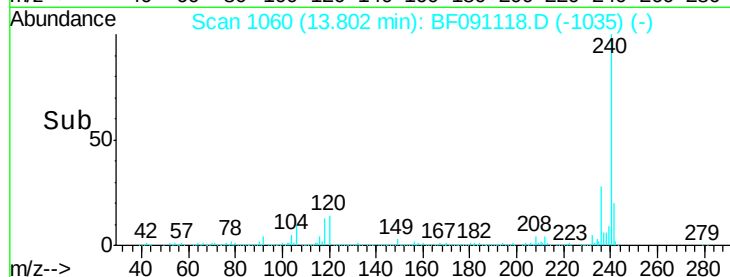
236 27.9 21.9 32.9



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

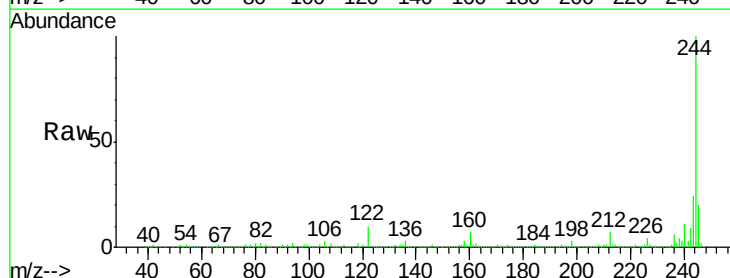
Tgt Ion:244 Resp: 1185969

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

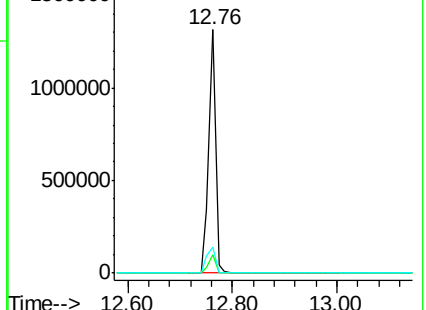
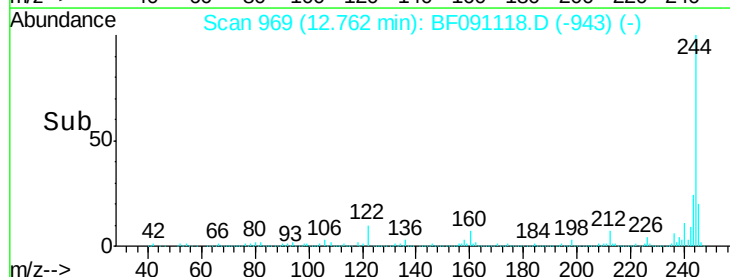
122 10.4 12.3 18.5#

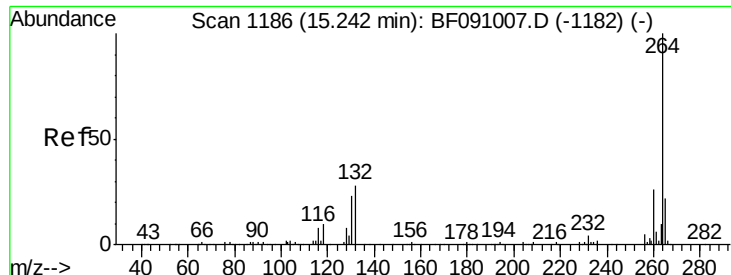


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

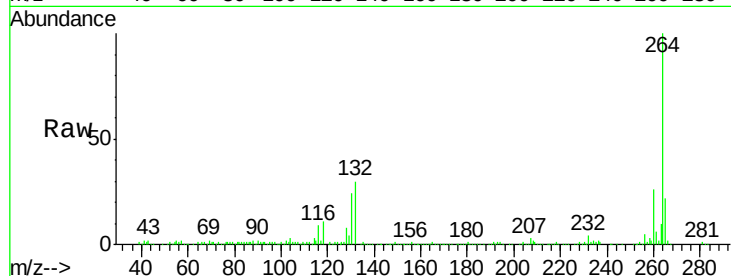




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091118.D
Acq: 9 Nov 2016 8:45

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-5

Tgt 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

