

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091120.D
 Acq On : 9 Nov 2016 9:40
 Operator : UM/SJ
 Sample : H5547-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-7

Quant Time: Nov 09 10:18:58 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

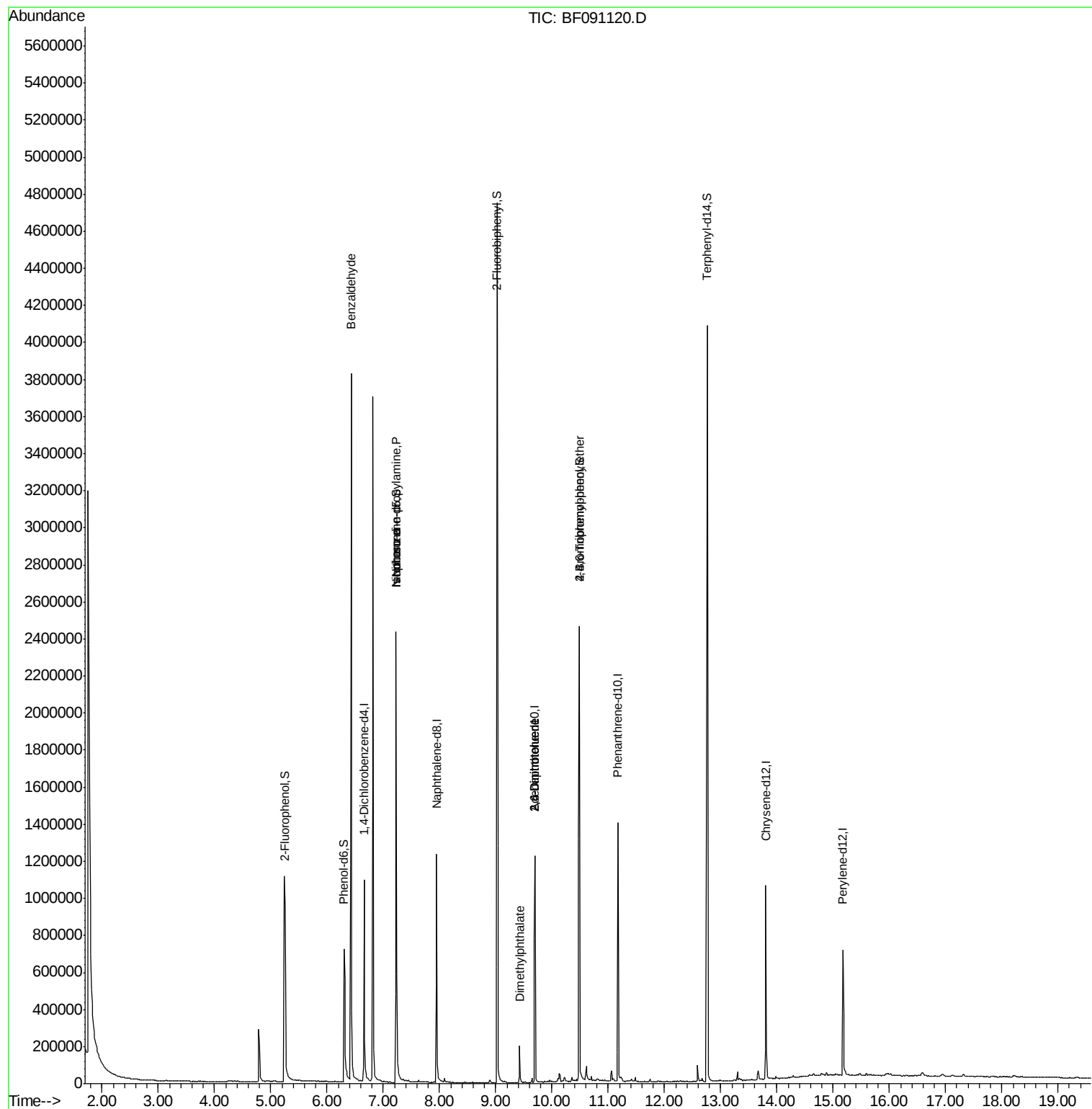
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173654	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	685333	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	322514	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	478183	20.00	ng	0.00
75) Chrysene-d12	13.80	240	331774	20.00	ng	-0.01
86) Perylene-d12	15.17	264	278987	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	502771	47.82	ng	0.01
7) Phenol-d6	6.30	99	390016	27.33	ng	-0.01
23) Nitrobenzene-d5	7.23	82	970216	77.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	354537	121.59	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1607196	85.79	ng	-0.01
78) Terphenyl-d14	12.76	244	1329674	100.01	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	25861	3.26	ng	88
19) n-Nitroso-di-n-propylamine	7.23	70	129217	13.07	ng	# 77
25) Isophorone	7.23	82	834755	34.48	ng	# 67
49) Dimethylphthalate	9.42	163	82416	3.90	ng	98
50) 2,6-Dinitrotoluene	9.70	165	41006	9.05	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	41006	7.11	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	24940	5.01	ng	# 1

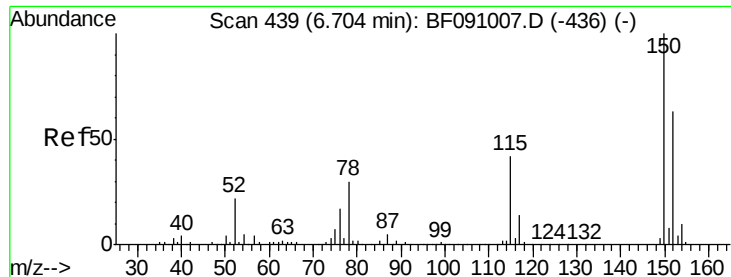
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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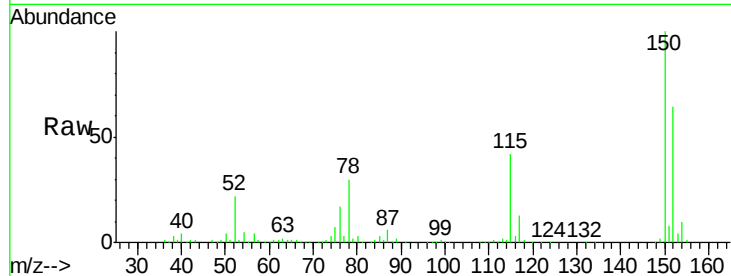




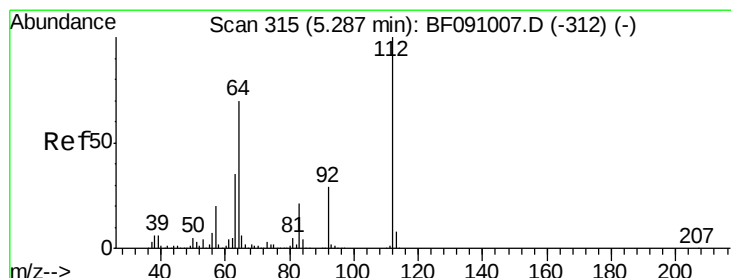
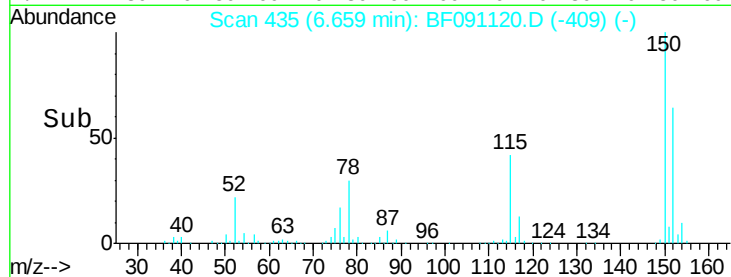
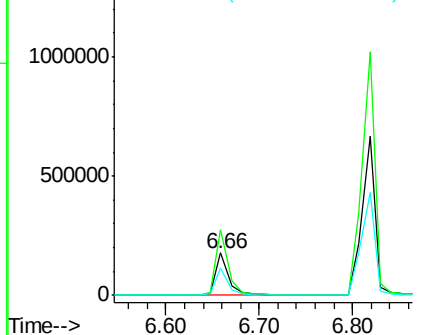
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF091120.D
 Acq: 9 Nov 2016 9:40

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-7

Tgt Ion:152 Resp: 173654
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.8 190.2
 115 66.1 53.3 79.9

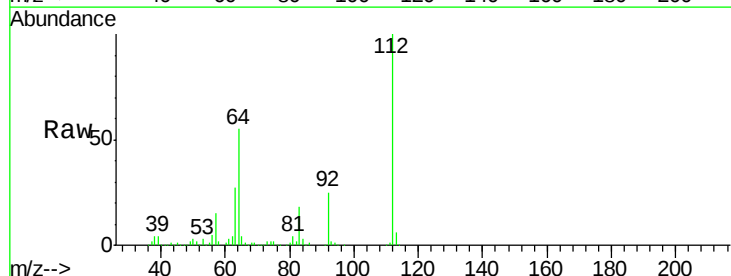


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

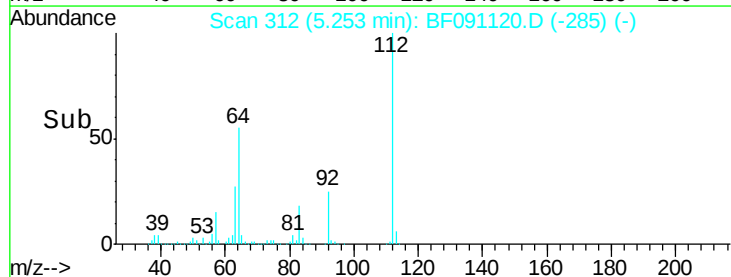
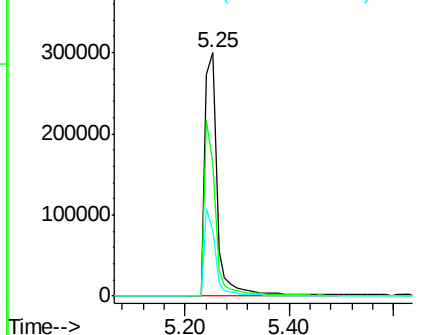


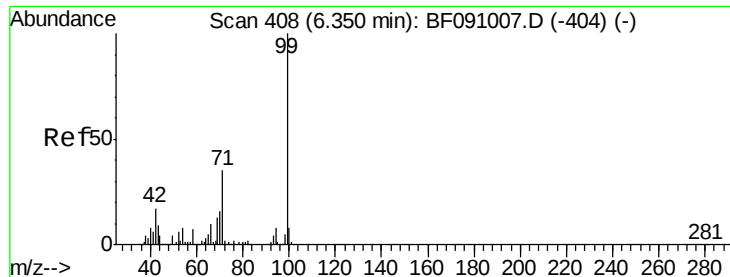
#5
 2-Fluorophenol
 Concen: 47.82 ng
 RT: 5.25 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF091120.D
 Acq: 9 Nov 2016 9:40

Tgt Ion:112 Resp: 502771
 Ion Ratio Lower Upper
 112 100
 64 54.5 55.8 83.6#
 63 27.2 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: 27.33 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091120.D

Acq: 9 Nov 2016 9:40

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-7

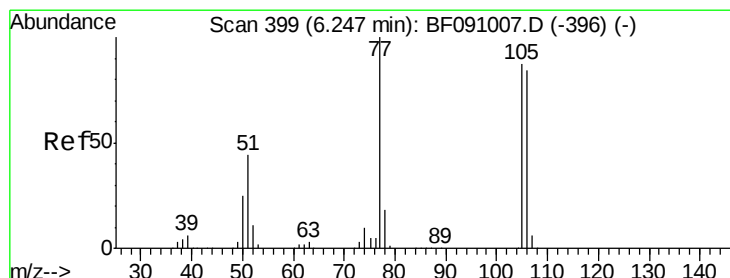
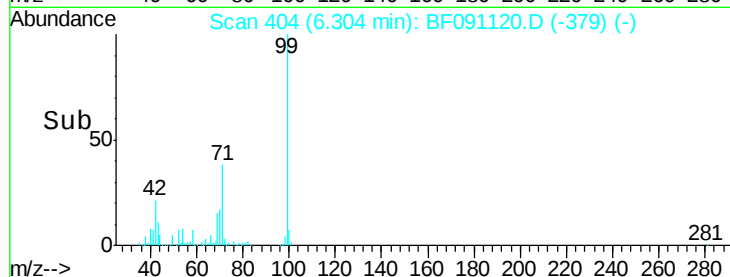
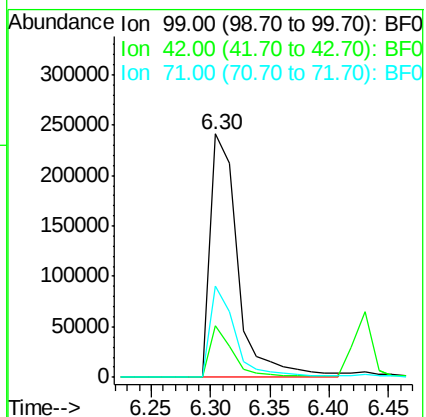
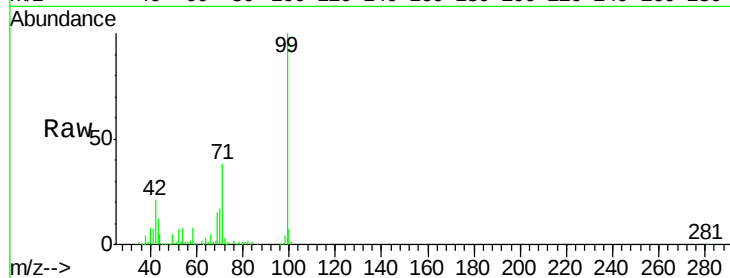
Tgt Ion: 99 Resp: 390016

Ion Ratio Lower Upper

99 100

42 21.2 13.9 20.9#

71 37.7 27.8 41.8



#9

Benzaldehyde

Concen: 3.26 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091120.D

Acq: 9 Nov 2016 9:40

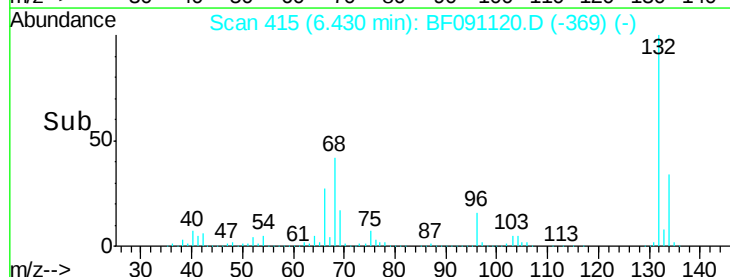
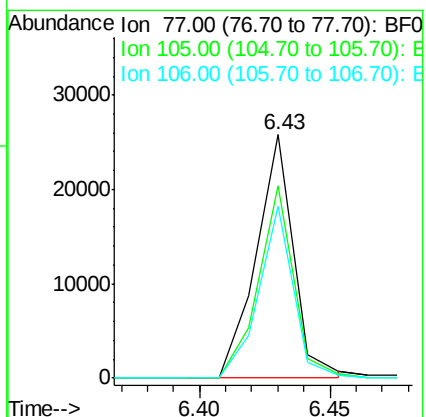
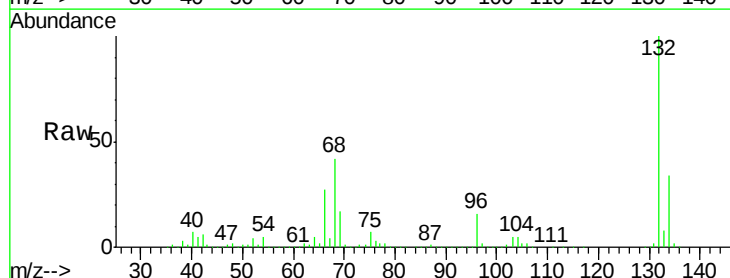
Tgt Ion: 77 Resp: 25861

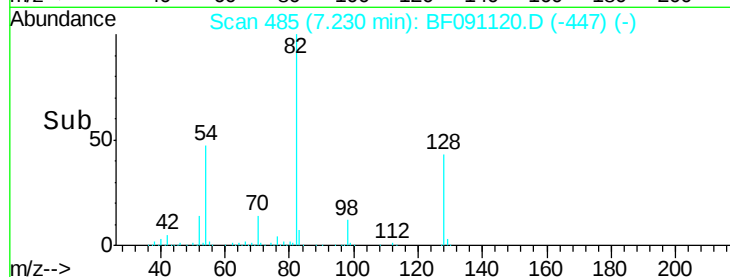
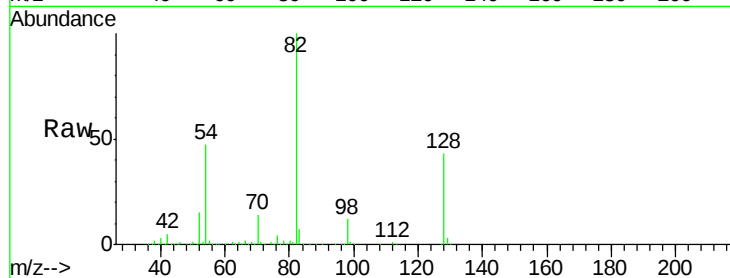
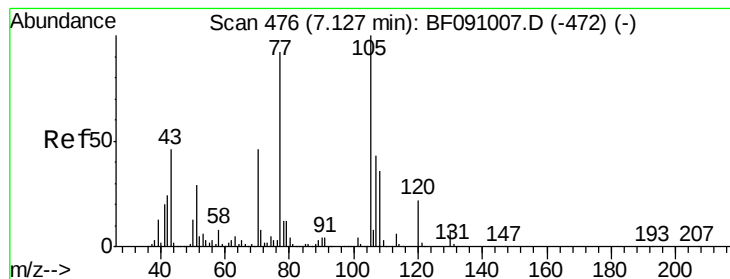
Ion Ratio Lower Upper

77 100

105 79.0 66.8 106.8

106 70.6 64.0 104.0





#19

n-Nitroso-di-n-propylamine

Concen: 13.07 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091120.D

Acq: 9 Nov 2016 9:40

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-7

Tgt Ion: 70 Resp: 129217

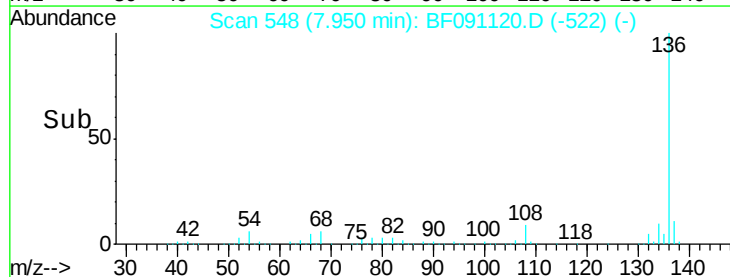
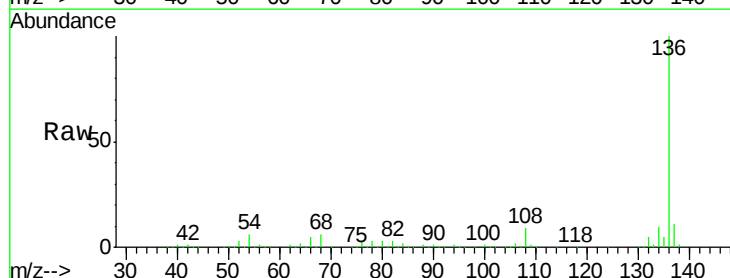
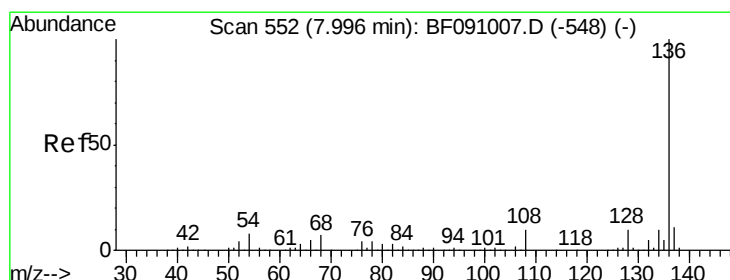
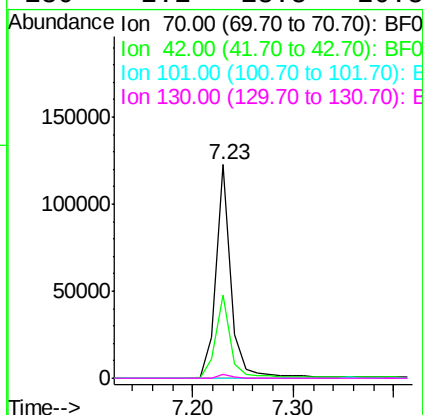
Ion Ratio Lower Upper

70 100

42 38.7 41.7 62.5#

101 0.0 6.7 10.1#

130 2.1 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: BF091120.D

Acq: 9 Nov 2016 9:40

Tgt Ion: 136 Resp: 685333

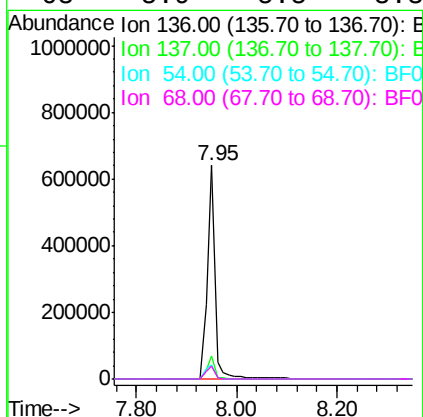
Ion Ratio Lower Upper

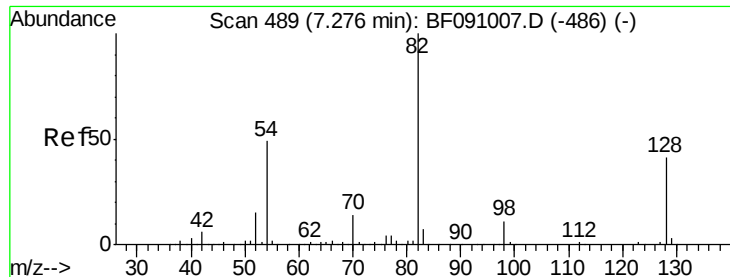
136 100

137 10.9 8.9 13.3

54 6.3 6.2 9.2

68 5.9 5.5 8.3





#23

Nitrobenzene-d5

Concen: 77.23 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091120.D

Acq: 9 Nov 2016 9:40

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-7

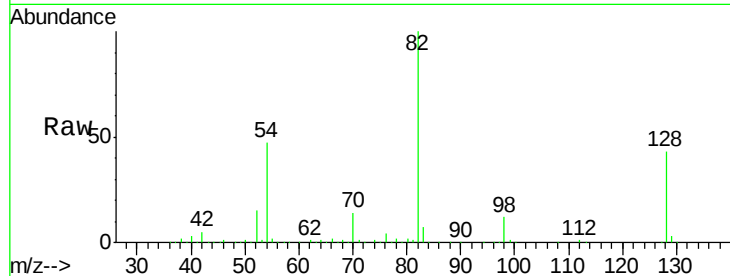
Tgt Ion: 82 Resp: 970216

Ion Ratio Lower Upper

82 100

128 42.9 32.4 48.6

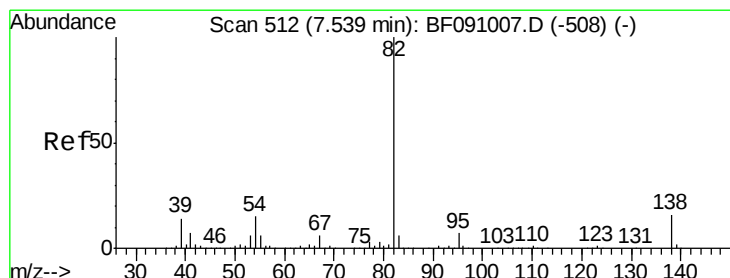
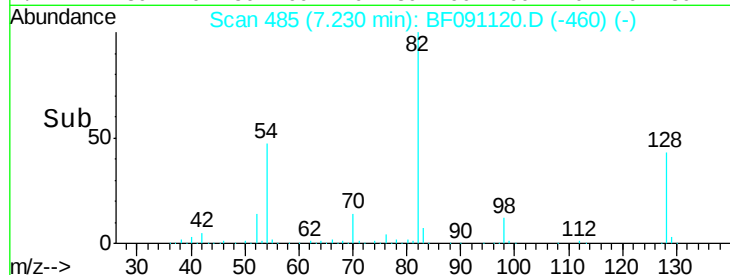
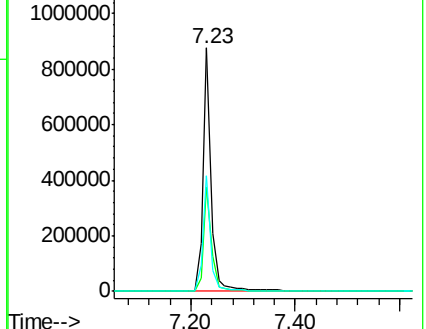
54 47.4 39.2 58.8



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: 34.48 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091120.D

Acq: 9 Nov 2016 9:40

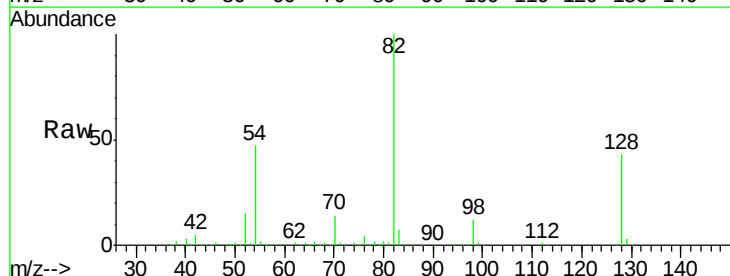
Tgt Ion: 82 Resp: 834755

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

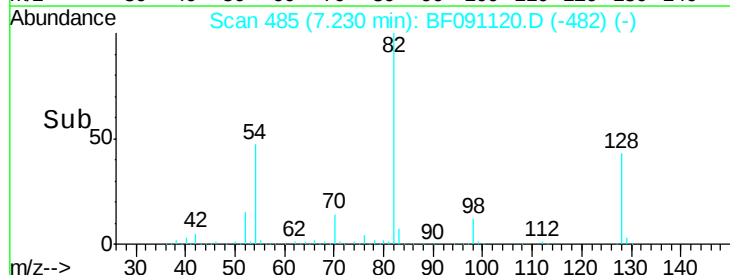
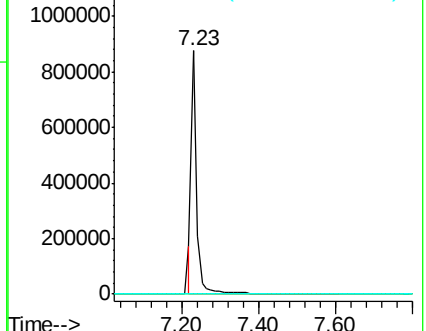
138 0.0 13.0 19.4#

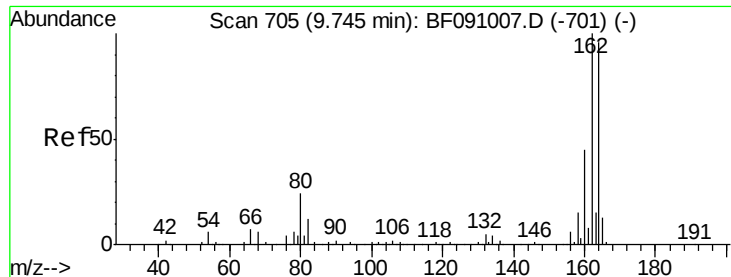


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

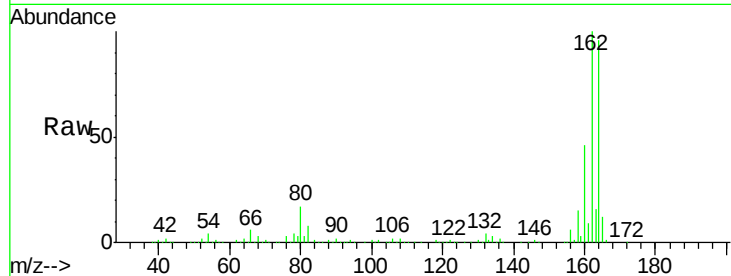




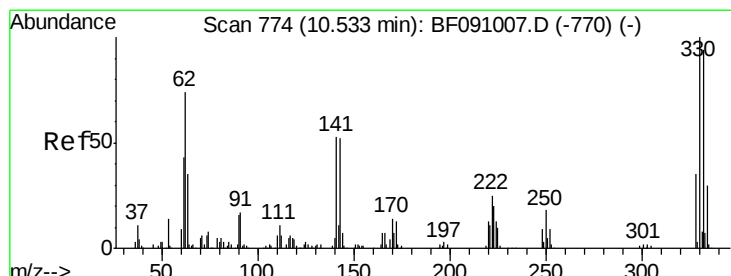
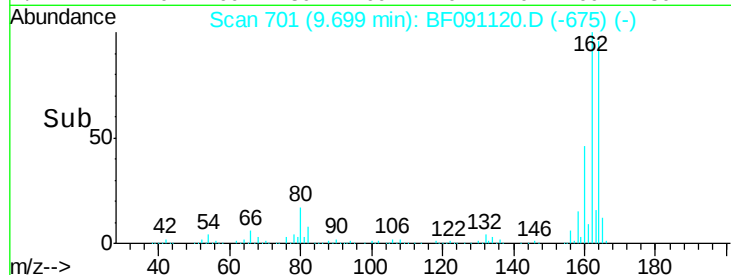
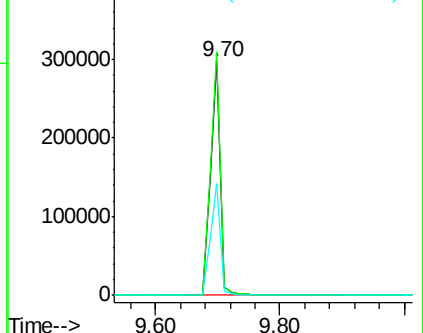
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091120.D
Acq: 9 Nov 2016 9:40

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-7

Tgt Ion:164 Resp: 322514
Ion Ratio Lower Upper
164 100
162 103.9 83.6 125.4
160 47.8 37.9 56.9

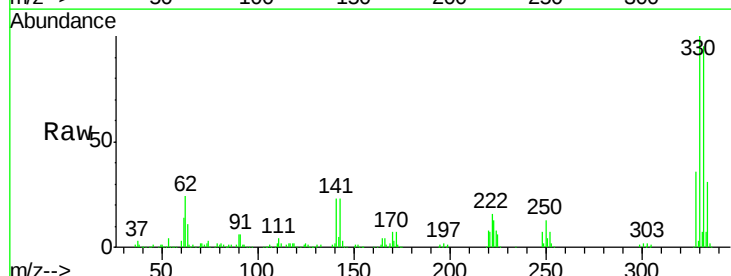


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

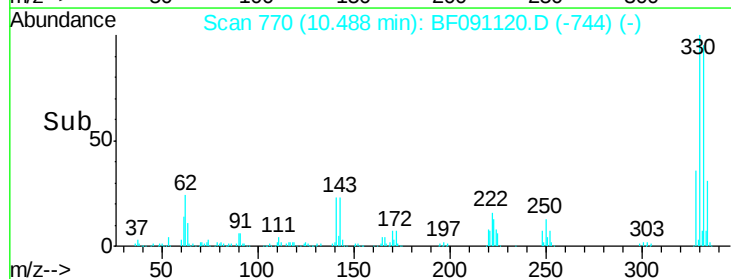
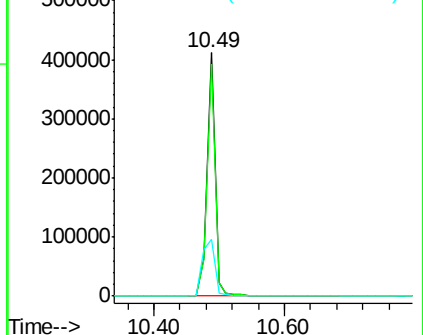


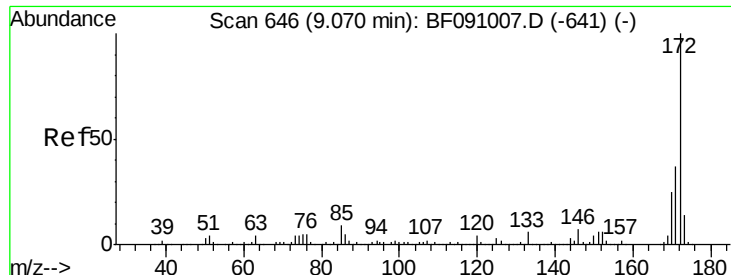
#41
2,4,6-Tribromophenol
Concen: 121.59 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091120.D
Acq: 9 Nov 2016 9:40

Tgt Ion:330 Resp: 354537
Ion Ratio Lower Upper
330 100
332 95.6 75.9 113.9
141 36.7 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

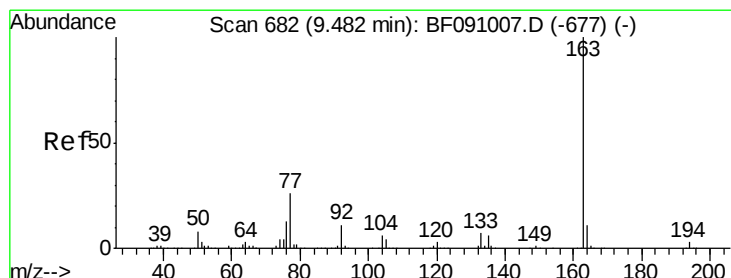
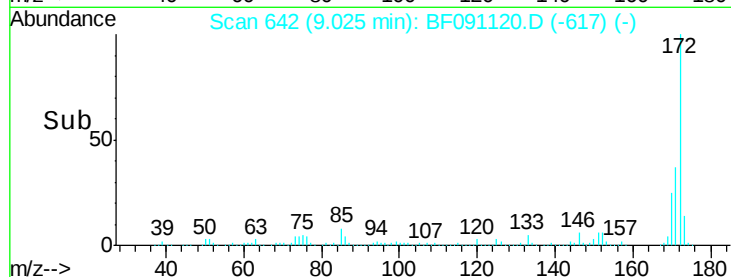
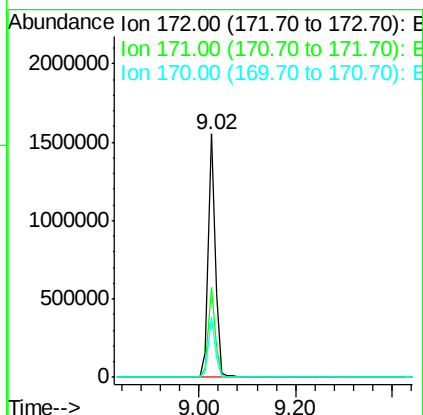
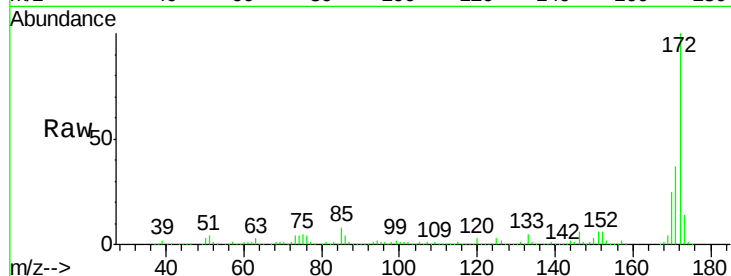




#44
 2-Fluorobiphenyl
 Concen: 85.79 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091120.D
 Acq: 9 Nov 2016 9:40

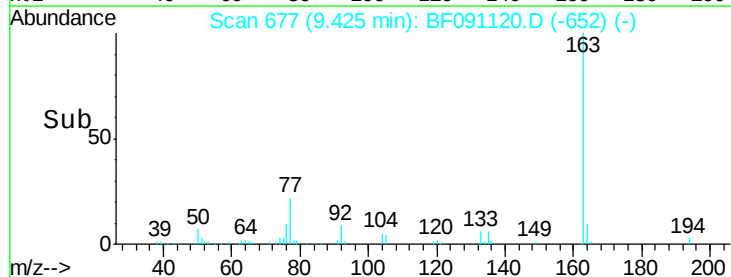
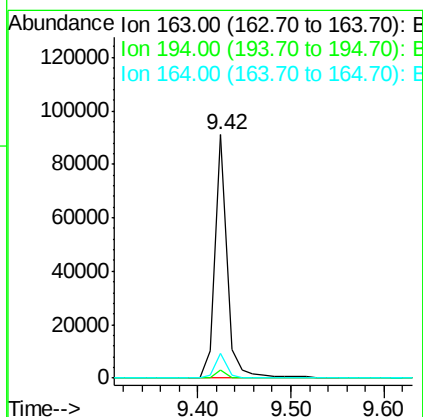
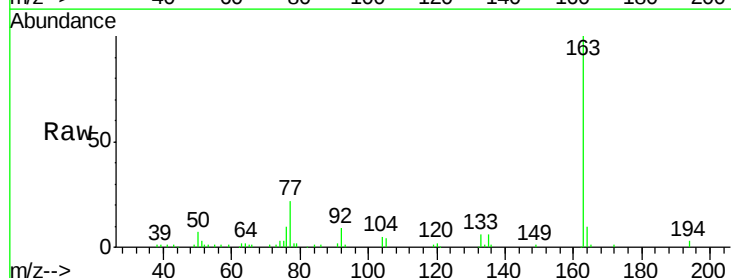
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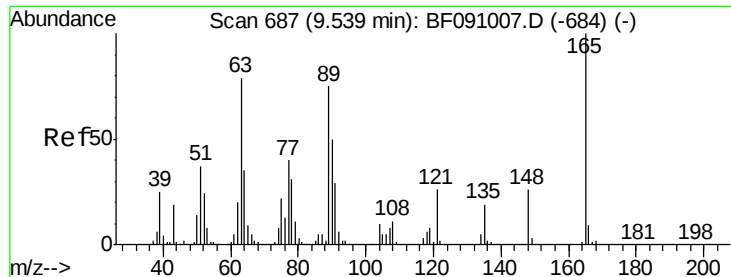
Tgt Ion:172 Resp: 1607196
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.1 20.3 30.5



#49
 Dimethylphthalate
 Concen: 3.90 ng
 RT: 9.42 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF091120.D
 Acq: 9 Nov 2016 9:40

Tgt Ion:163 Resp: 82416
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.0 8.7 13.1

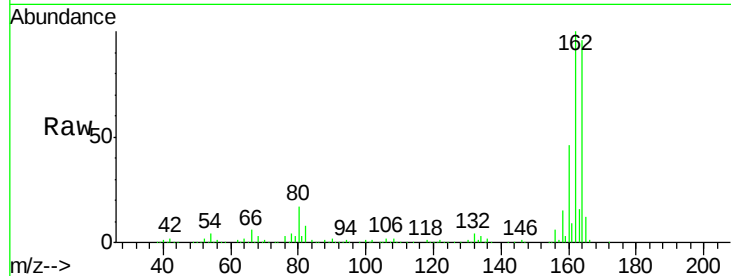




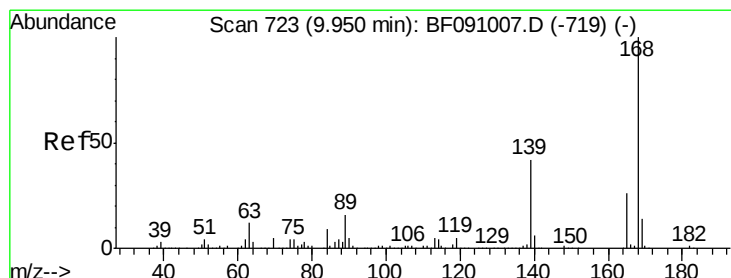
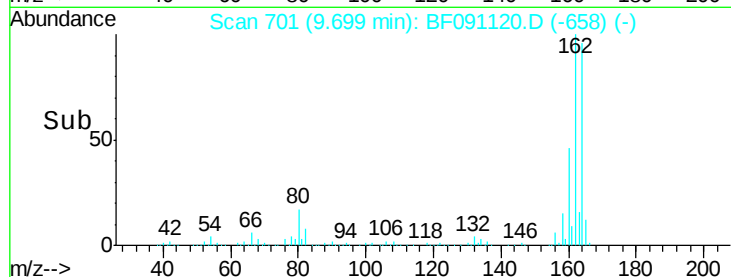
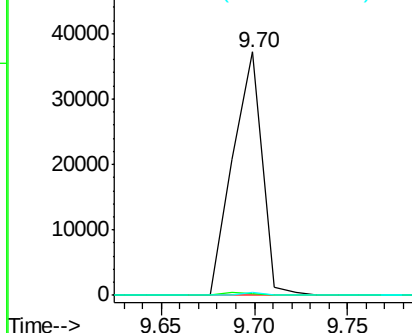
#50
2,6-Dinitrotoluene
Concen: 9.05 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.19 min
Lab File: BF091120.D
Acq: 9 Nov 2016 9:40

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-7

Tgt Ion:165 Resp: 41006
Ion Ratio Lower Upper
165 100
63 0.8 65.6 98.4#
89 1.2 59.8 89.6#

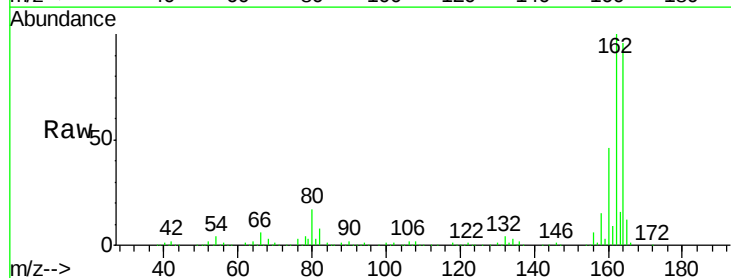


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

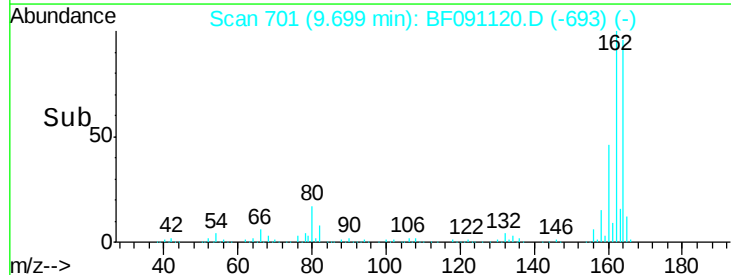
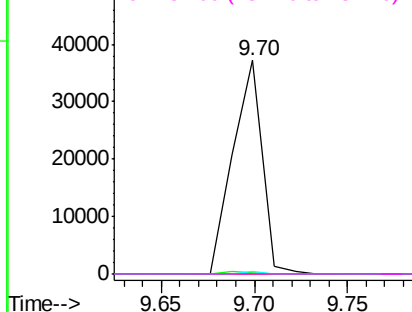


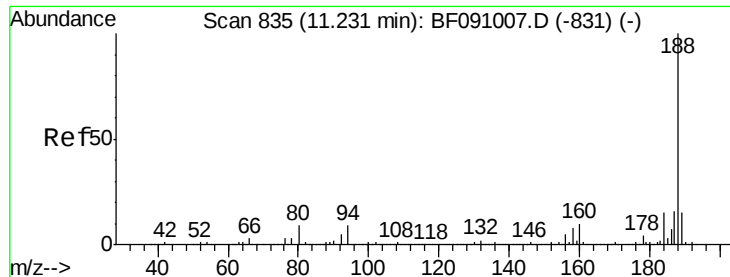
#56
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091120.D
Acq: 9 Nov 2016 9:40

Tgt Ion:165 Resp: 41006
Ion Ratio Lower Upper
165 100
63 0.8 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): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

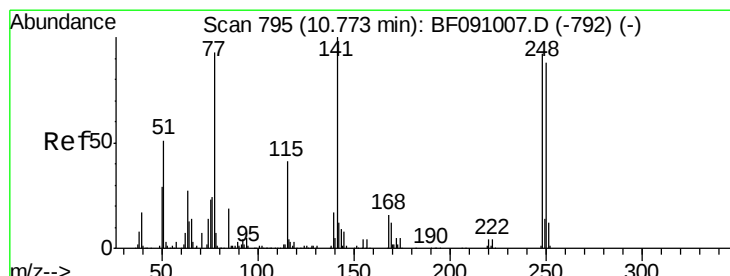
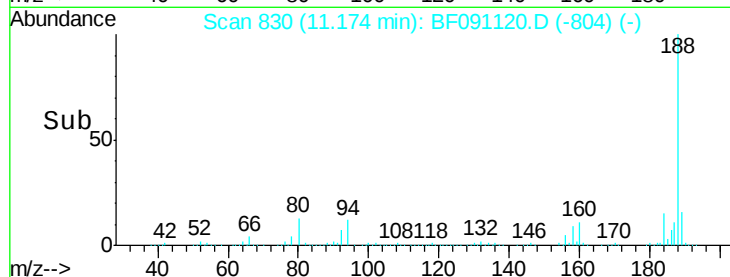
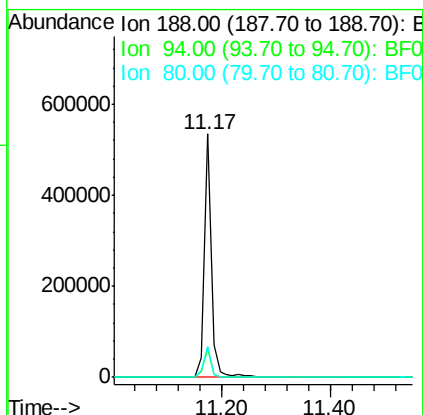
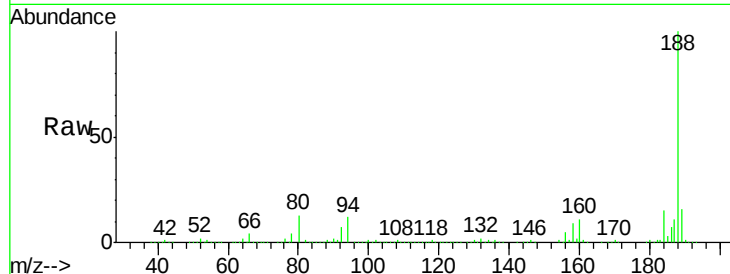




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF091120.D
 Acq: 9 Nov 2016 9:40

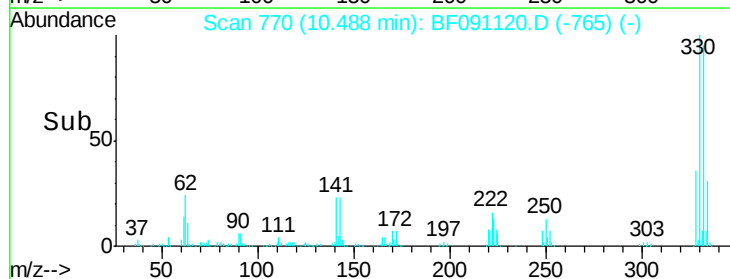
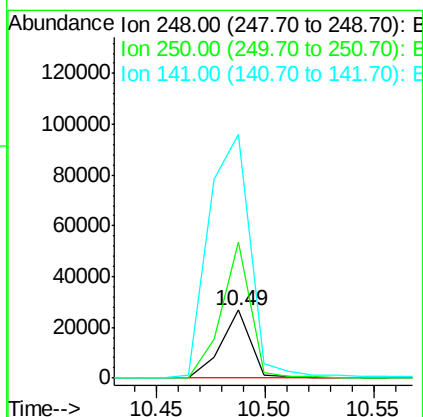
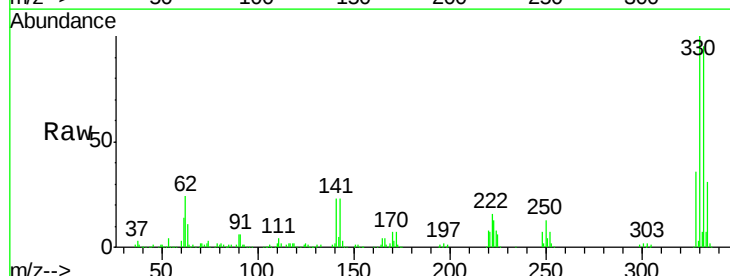
Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-7

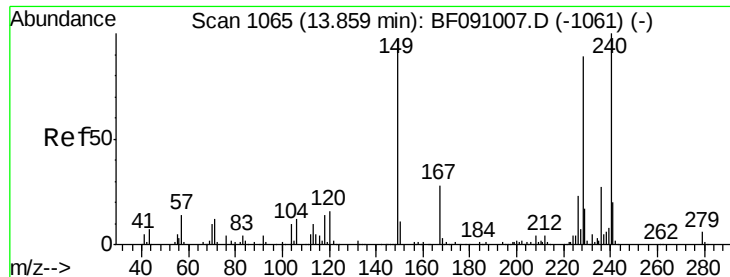
Tgt Ion:188 Resp: 478183
 Ion Ratio Lower Upper
 188 100
 94 11.8 7.0 10.4#
 80 13.0 7.5 11.3#



#66
 4-Bromophenyl-phenylether
 Concen: 5.01 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.24 min
 Lab File: BF091120.D
 Acq: 9 Nov 2016 9:40

Tgt Ion:248 Resp: 24940
 Ion Ratio Lower Upper
 248 100
 250 200.4 76.3 114.5#
 141 357.0 86.8 130.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091120.D

Acq: 9 Nov 2016 9:40

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-7

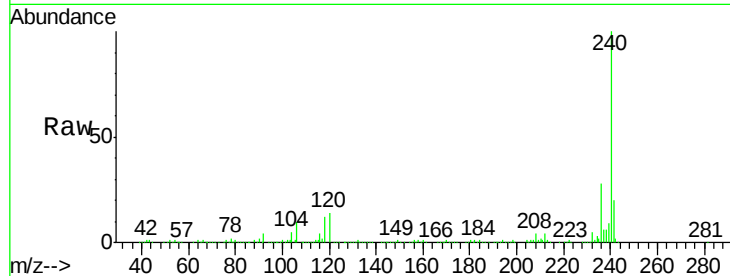
Tgt Ion:240 Resp: 331774

Ion Ratio Lower Upper

240 100

120 14.2 12.9 19.3

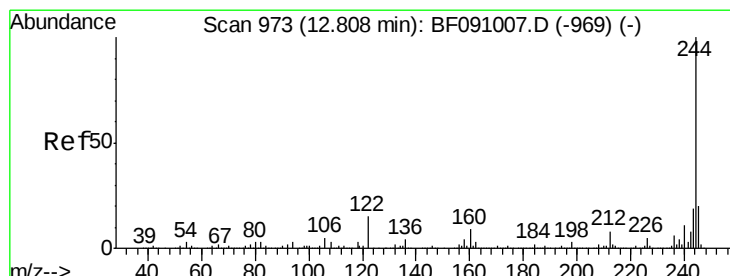
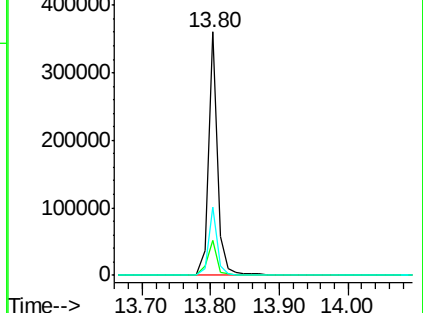
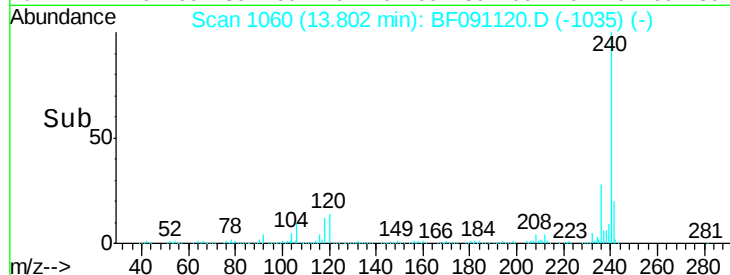
236 27.9 21.9 32.9



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: 100.01 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091120.D

Acq: 9 Nov 2016 9:40

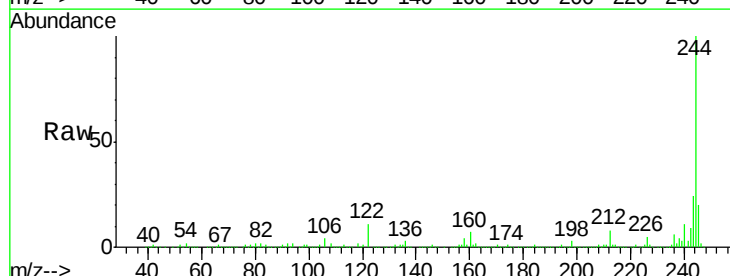
Tgt Ion:244 Resp: 1329674

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

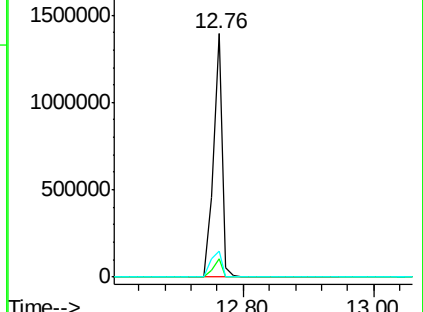
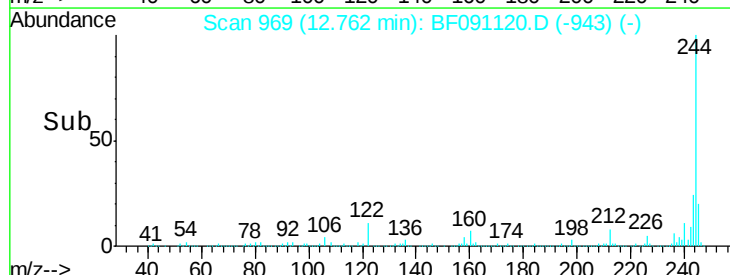
122 10.8 12.3 18.5#

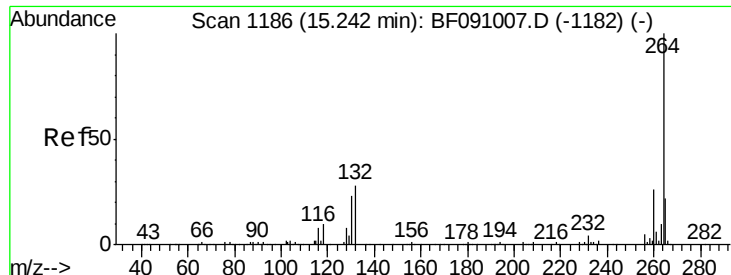


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091120.D
Acq: 9 Nov 2016 9:40

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-7

Tgt Ion:	264	Resp:	278987
Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	22.3	17.8	26.8

