

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091116.D
 Acq On : 9 Nov 2016 7:50
 Operator : UM/SJ
 Sample : H5547-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-3

Quant Time: Nov 09 10:18:03 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

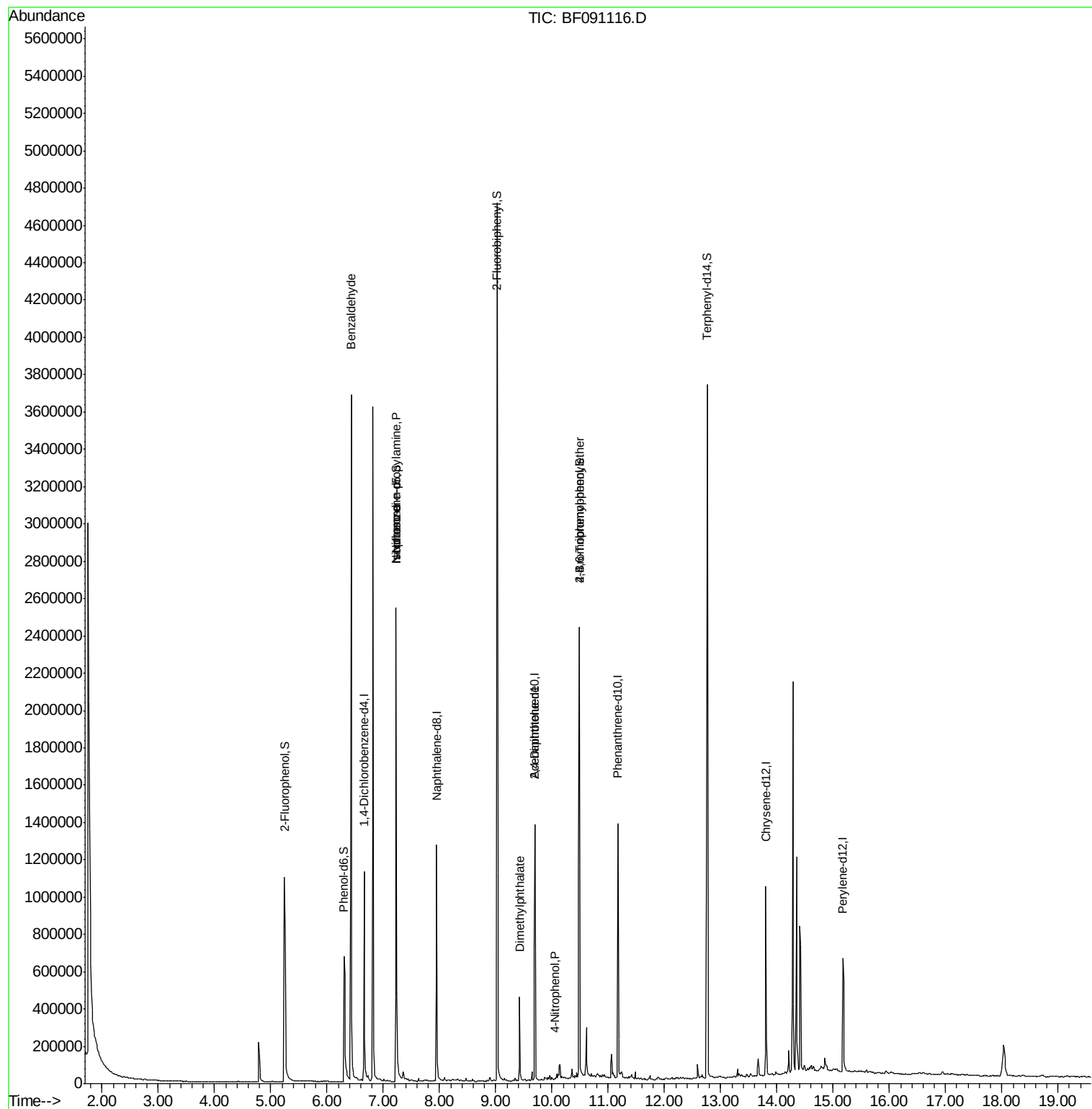
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172701	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	689870	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	335377	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	465394	20.00	ng	0.00
75) Chrysene-d12	13.80	240	336948	20.00	ng	-0.01
86) Perylene-d12	15.17	264	299563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	469135	44.86	ng	0.00
7) Phenol-d6	6.30	99	371459	26.17	ng	-0.01
23) Nitrobenzene-d5	7.23	82	960244	75.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	327200	107.91	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1483363	76.15	ng	-0.01
78) Terphenyl-d14	12.76	244	1167044	86.43	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	25367	3.22	ng	86
19) n-Nitroso-di-n-propylamine	7.23	70	132706	13.49	ng	# 79
25) Isophorone	7.23	82	836181	34.31	ng	# 67
49) Dimethylphthalate	9.42	163	173439	7.89	ng	98
55) 4-Nitrophenol	10.05	139	301	5.81	ng	# 16
56) 2,4-Dinitrotoluene	9.70	165	42748	7.13	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	21746	4.49	ng	# 1

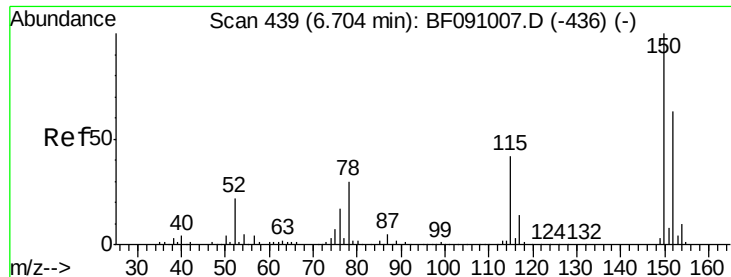
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091116.D

Acq: 9 Nov 2016 7:50

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-3

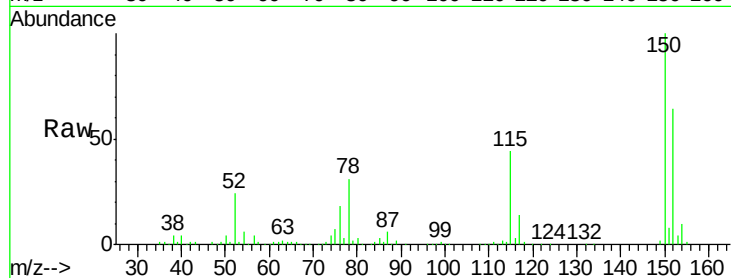
Tgt Ion:152 Resp: 172701

Ion Ratio Lower Upper

152 100

150 156.6 126.8 190.2

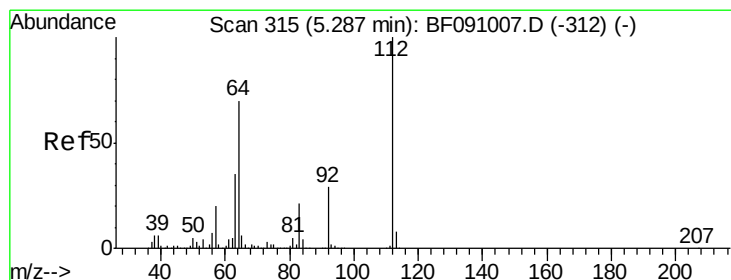
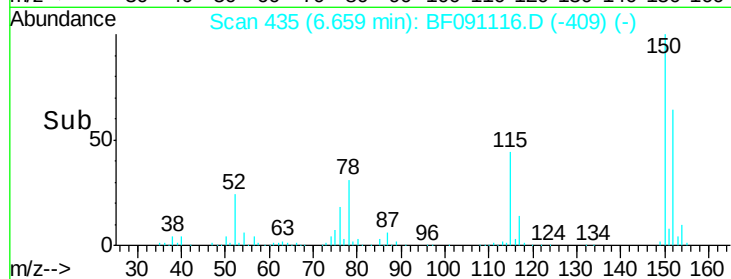
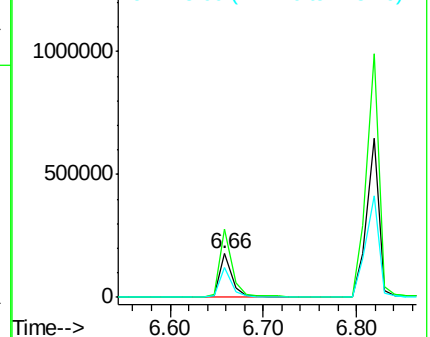
115 68.2 53.3 79.9



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: 44.86 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF091116.D

Acq: 9 Nov 2016 7:50

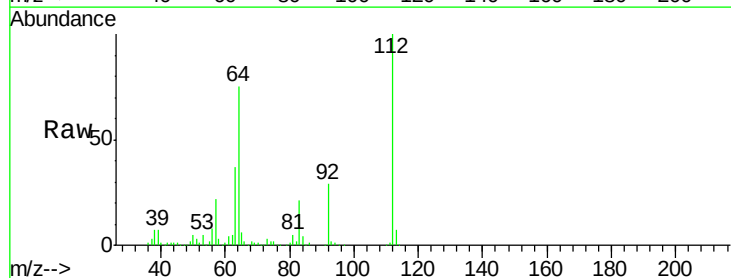
Tgt Ion:112 Resp: 469135

Ion Ratio Lower Upper

112 100

64 75.3 55.8 83.6

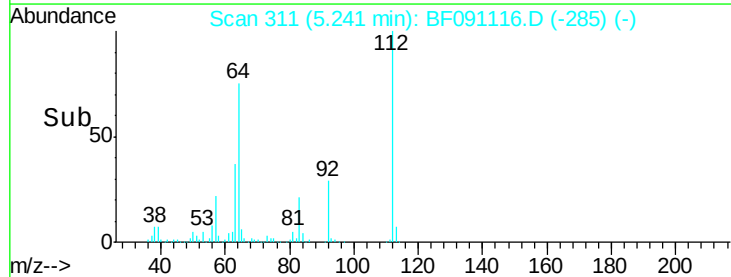
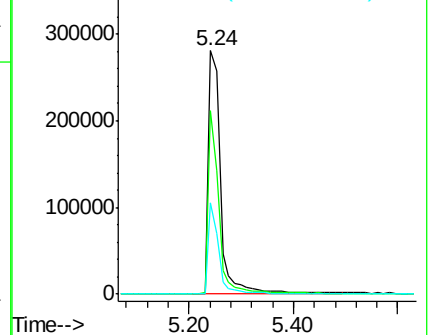
63 37.3 28.0 42.0

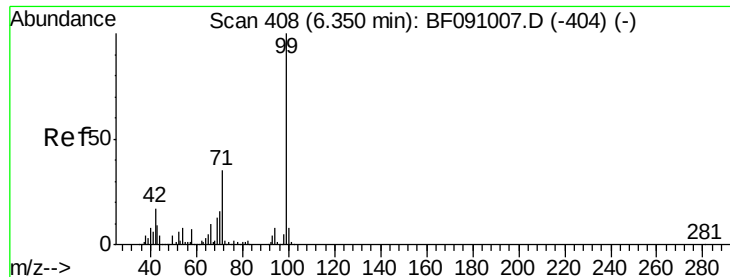


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.17 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091116.D

Acq: 9 Nov 2016 7:50

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-3

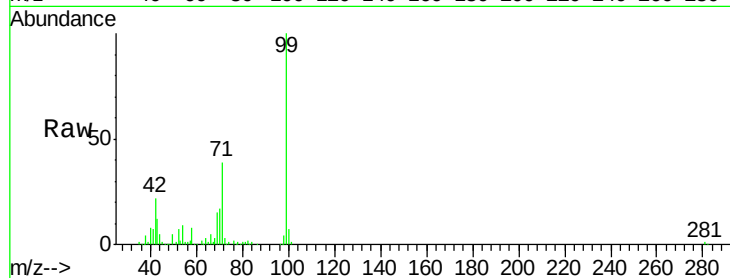
Tgt Ion: 99 Resp: 371459

Ion Ratio Lower Upper

99 100

42 22.0 13.9 20.9#

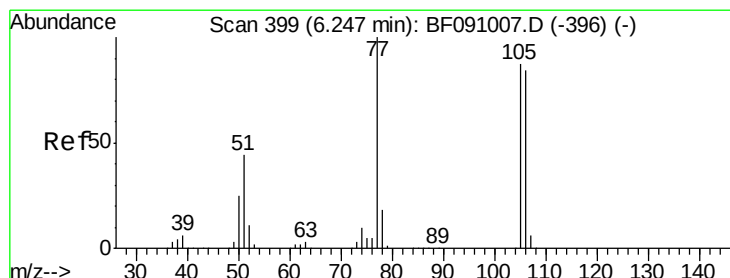
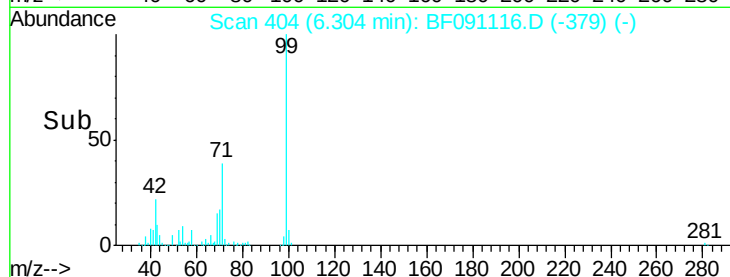
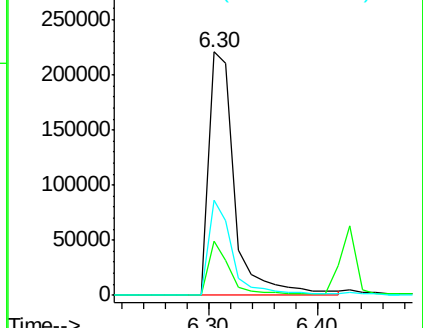
71 39.0 27.8 41.8



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: 3.22 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091116.D

Acq: 9 Nov 2016 7:50

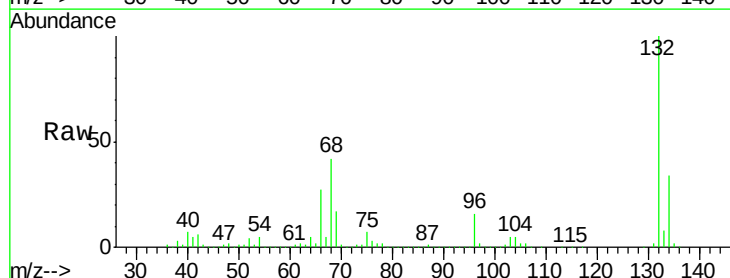
Tgt Ion: 77 Resp: 25367

Ion Ratio Lower Upper

77 100

105 78.9 66.8 106.8

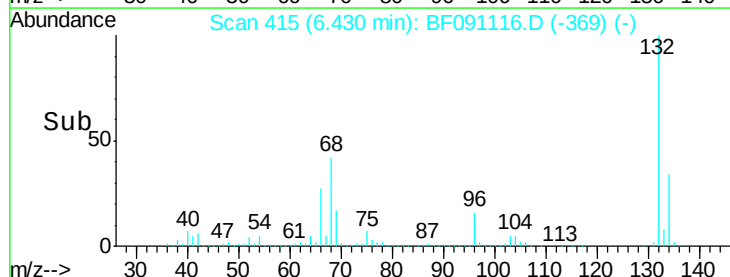
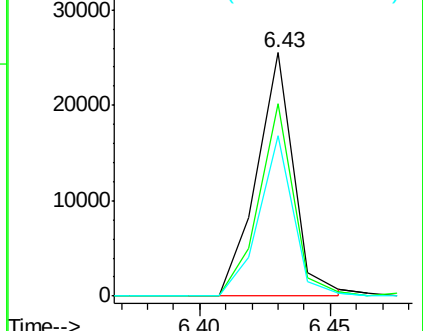
106 65.9 64.0 104.0

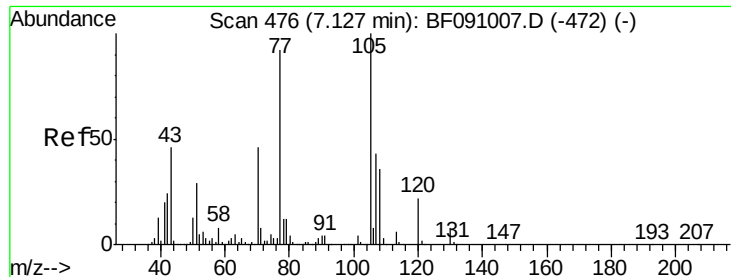


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

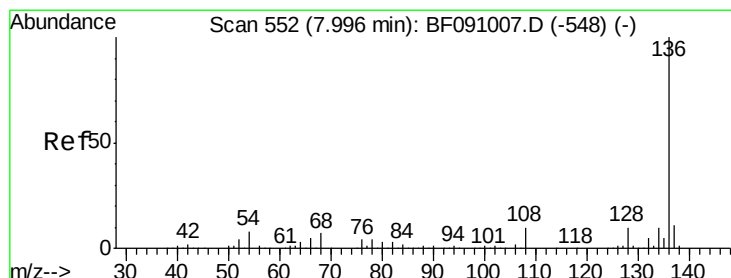
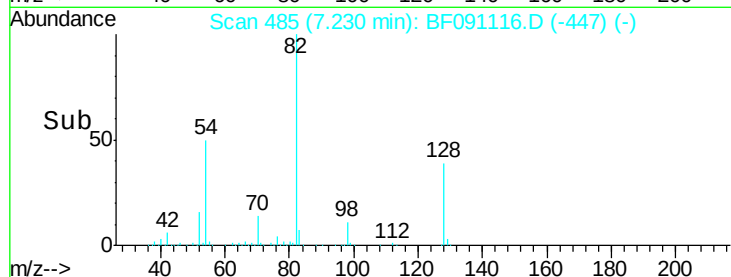
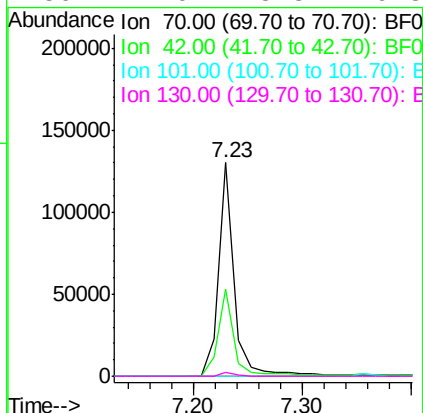
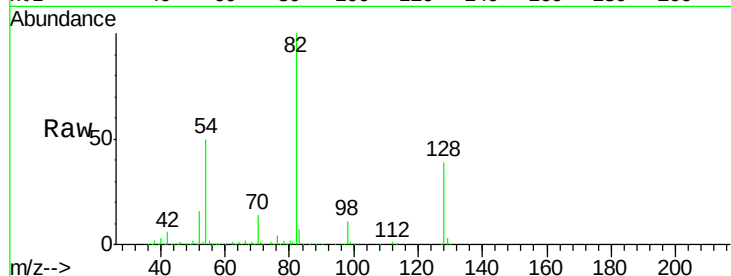




#19
n-Nitroso-di-n-propylamine
Concen: 13.49 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091116.D
Acq: 9 Nov 2016 7:50

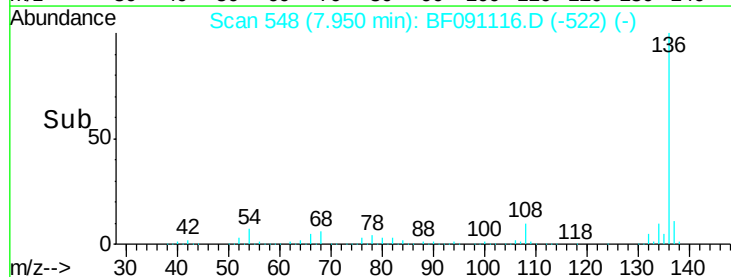
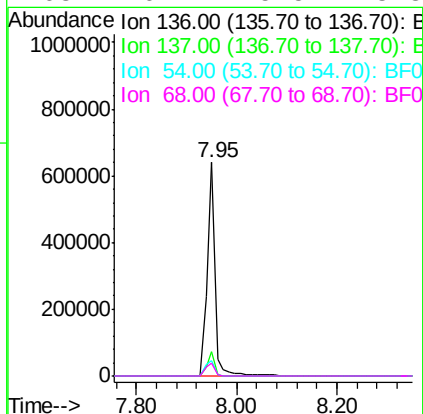
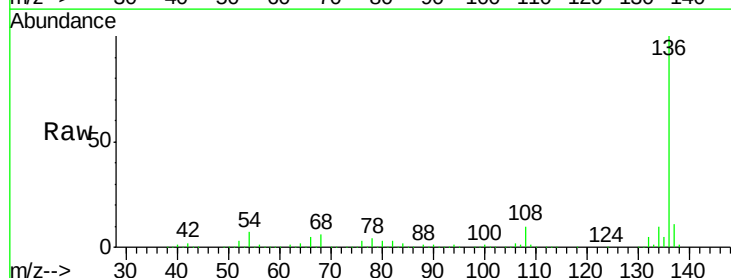
Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-3

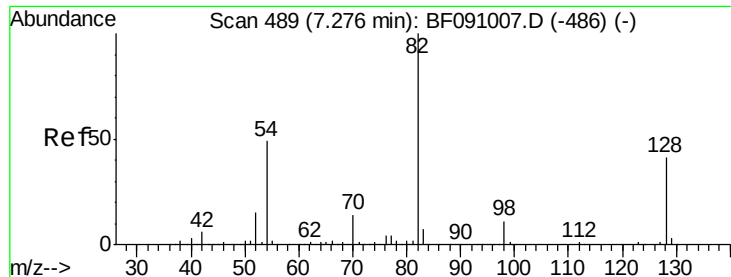
Tgt Ion: 70 Resp: 132706
Ion Ratio Lower Upper
70 100
42 41.0 41.7 62.5#
101 0.0 6.7 10.1#
130 2.0 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091116.D
Acq: 9 Nov 2016 7:50

Tgt Ion: 136 Resp: 689870
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.0 6.2 9.2
68 6.1 5.5 8.3

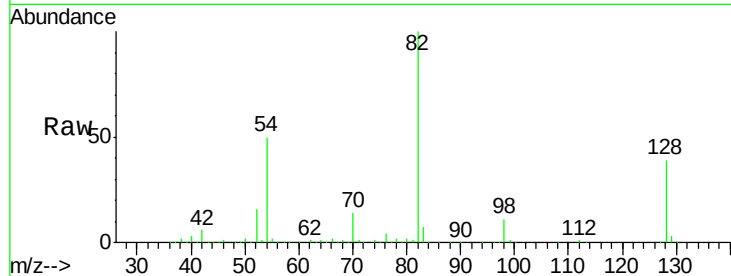




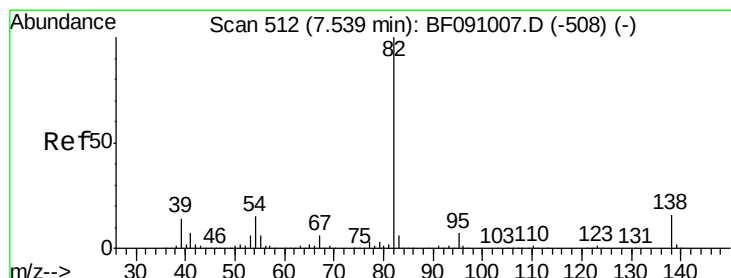
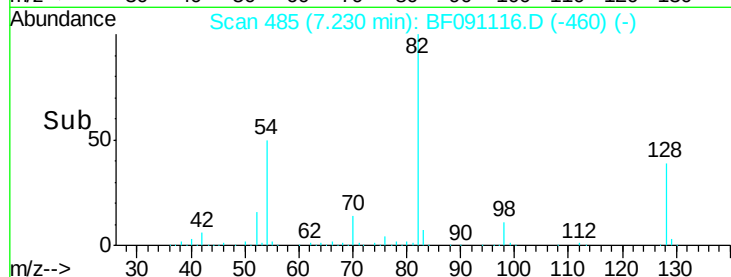
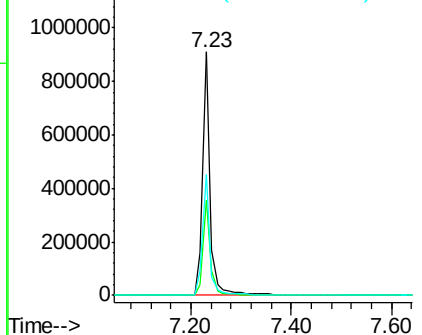
#23
 Nitrobenzene-d5
 Concen: 75.93 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091116.D
 Acq: 9 Nov 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-3

Tgt Ion: 82 Resp: 960244
 Ion Ratio Lower Upper
 82 100
 128 39.1 32.4 48.6
 54 49.7 39.2 58.8

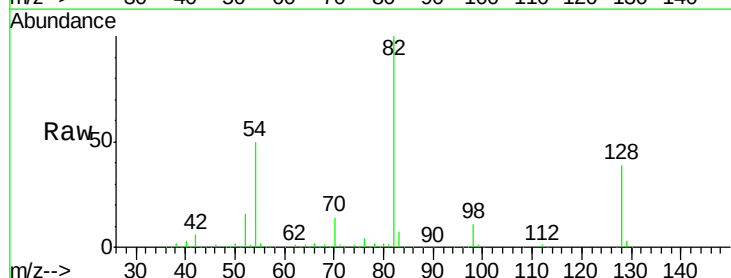


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

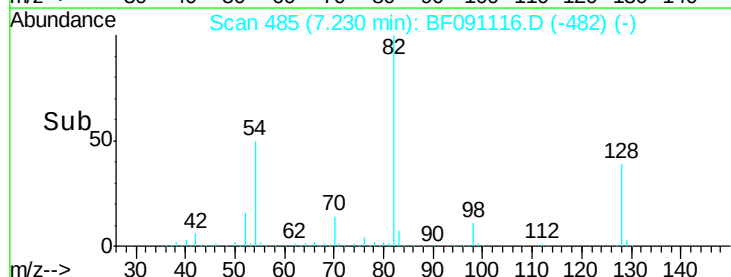
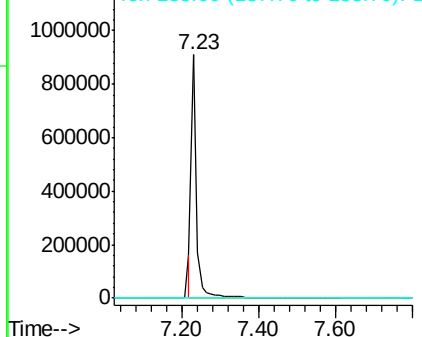


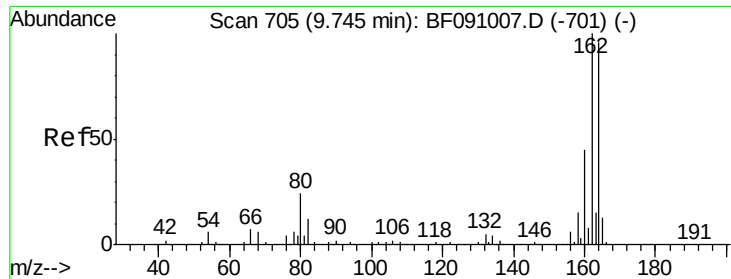
#25
 Isophorone
 Concen: 34.31 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.26 min
 Lab File: BF091116.D
 Acq: 9 Nov 2016 7:50

Tgt Ion: 82 Resp: 836181
 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

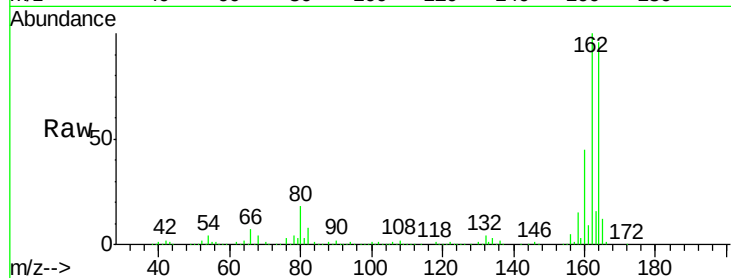




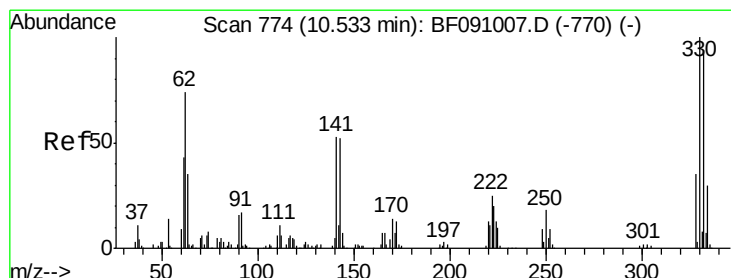
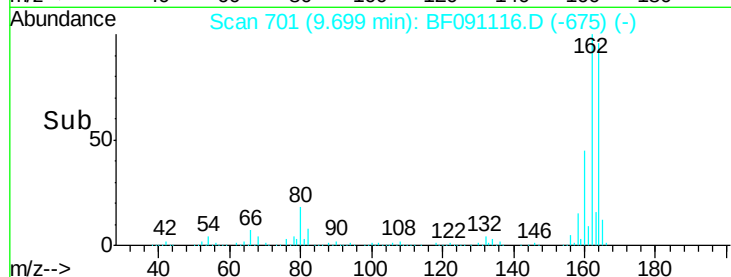
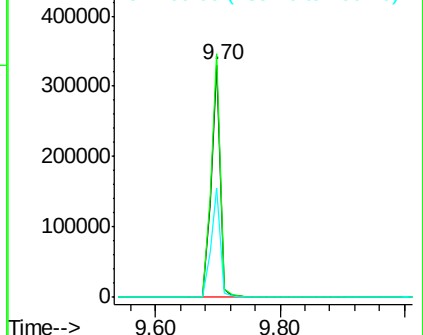
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091116.D
Acq: 9 Nov 2016 7:50

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-3

Tgt Ion:164 Resp: 335377
Ion Ratio Lower Upper
164 100
162 104.6 83.6 125.4
160 46.8 37.9 56.9

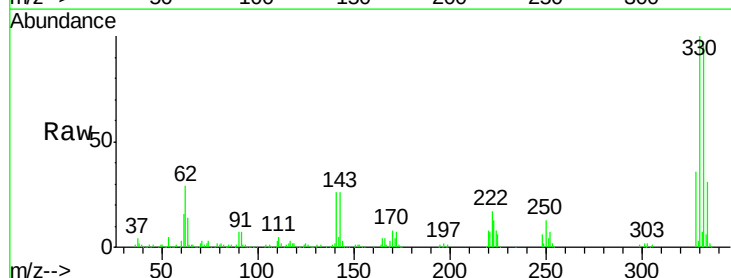


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

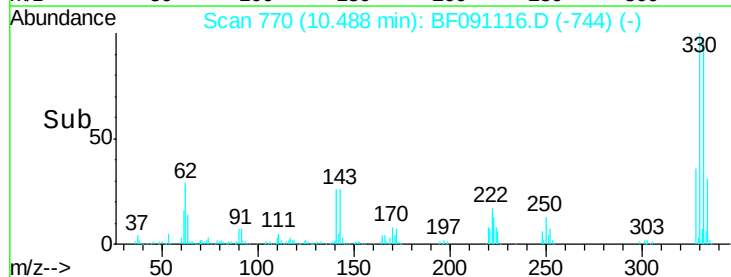
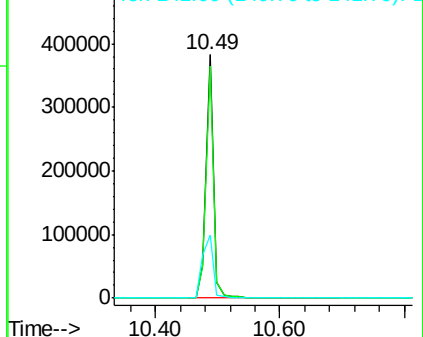


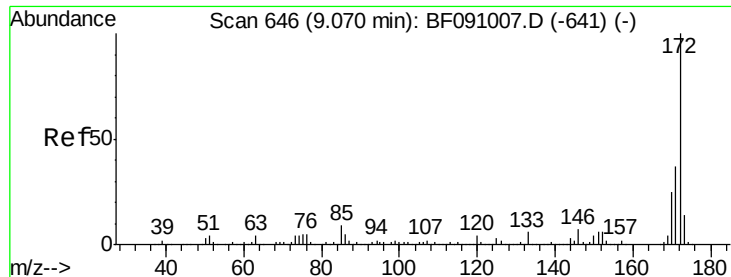
#41
2,4,6-Tribromophenol
Concen: 107.91 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091116.D
Acq: 9 Nov 2016 7:50

Tgt Ion:330 Resp: 327200
Ion Ratio Lower Upper
330 100
332 95.4 75.9 113.9
141 37.9 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

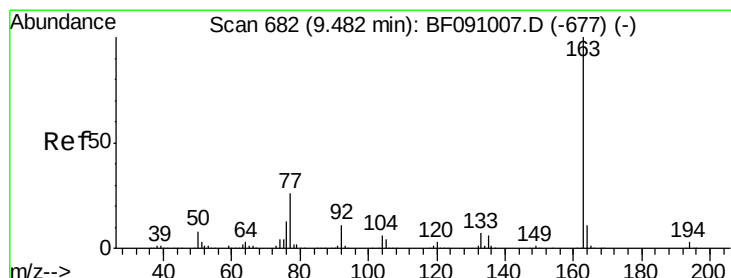
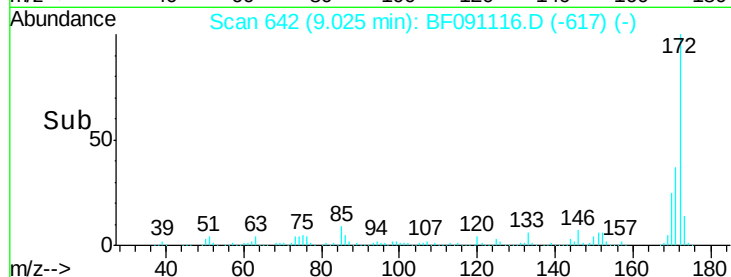
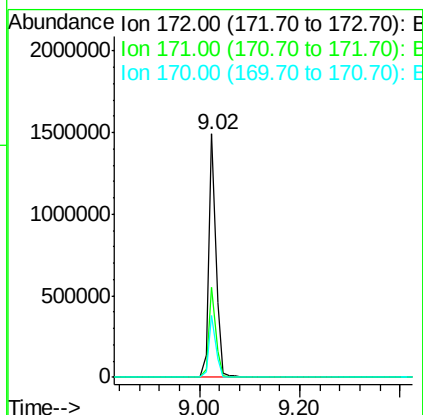
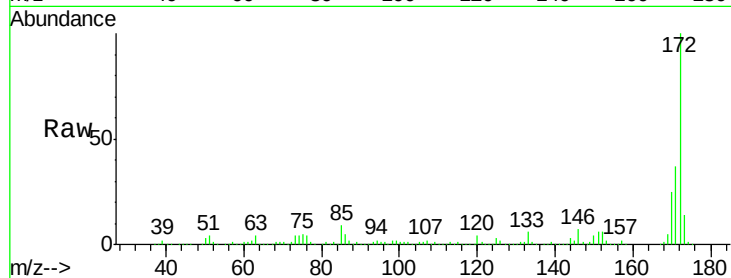




#44
 2-Fluorobiphenyl
 Concen: 76.15 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091116.D
 Acq: 9 Nov 2016 7:50

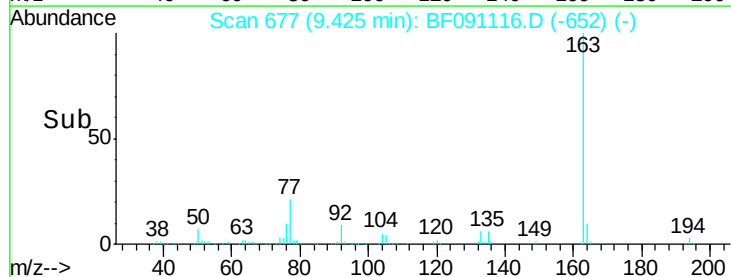
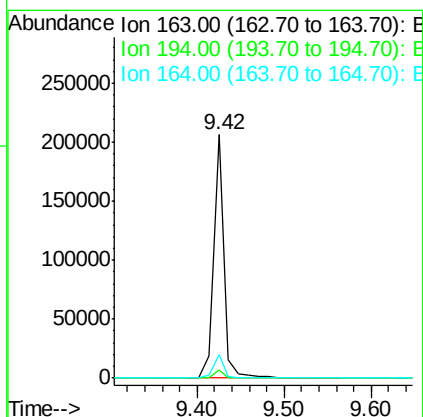
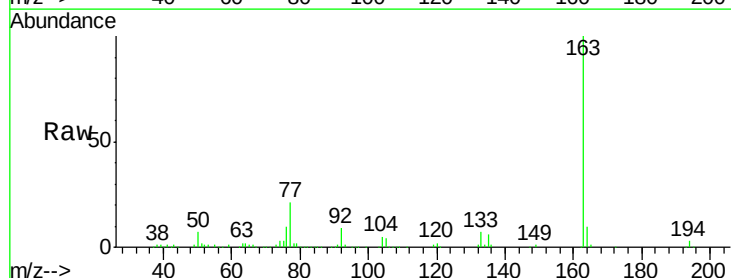
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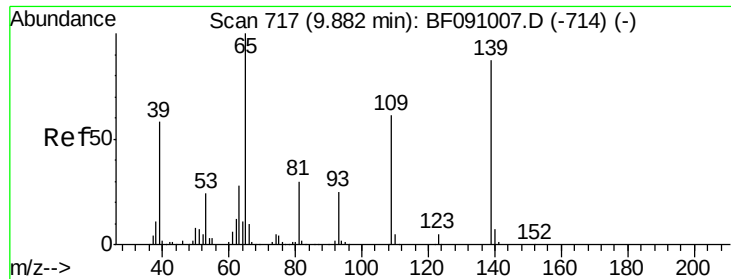
Tgt Ion:172 Resp: 1483363
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.2 20.3 30.5



#49
 Dimethylphthalate
 Concen: 7.89 ng
 RT: 9.42 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF091116.D
 Acq: 9 Nov 2016 7:50

Tgt Ion:163 Resp: 173439
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.7 8.7 13.1

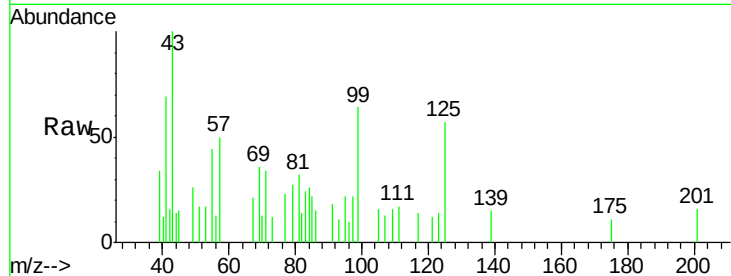




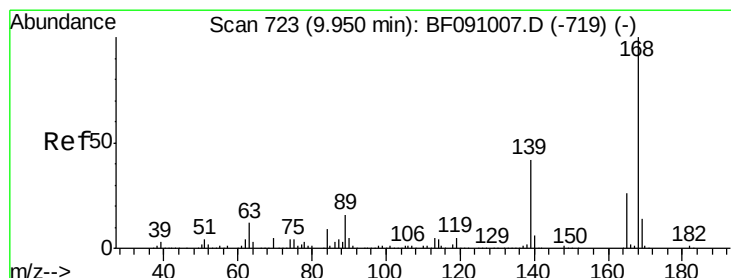
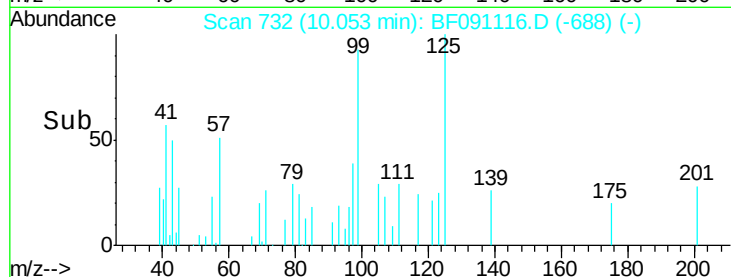
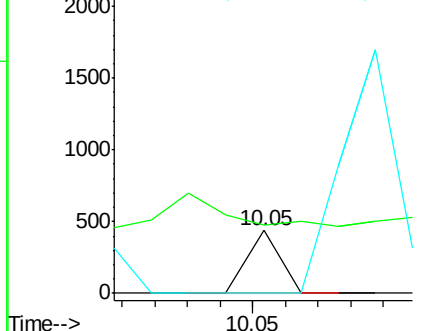
#55
4-Nitrophenol
Concen: 5.81 ng
RT: 10.05 min Scan# 732
Delta R.T. 0.21 min
Lab File: BF091116.D
Acq: 9 Nov 2016 7:50

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-3

Tgt Ion:139 Resp: 301
Ion Ratio Lower Upper
139 100
109 109.1 50.5 90.5#
65 0.0 97.1 137.1#

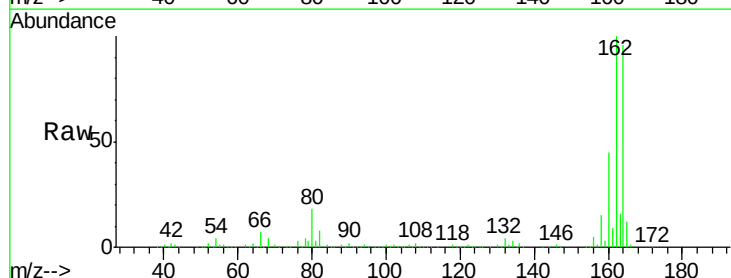


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

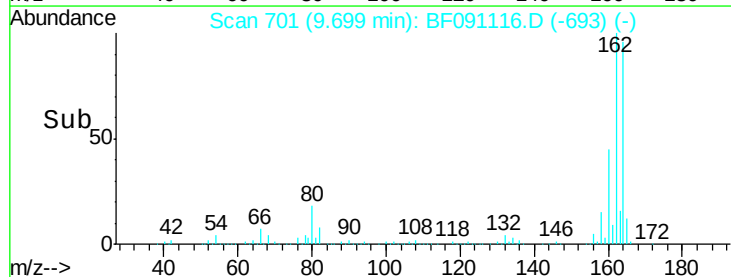
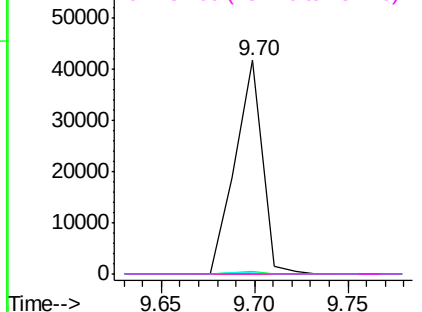


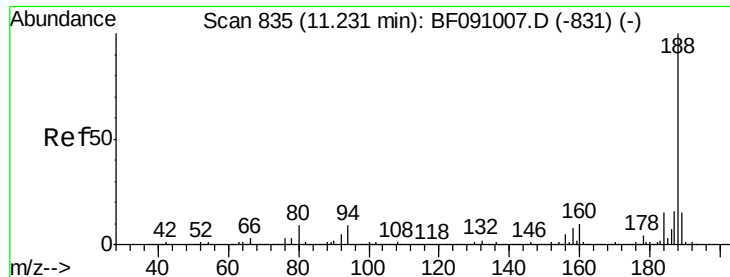
#56
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091116.D
Acq: 9 Nov 2016 7:50

Tgt Ion:165 Resp: 42748
Ion Ratio Lower Upper
165 100
63 1.1 38.7 58.1#
89 0.9 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

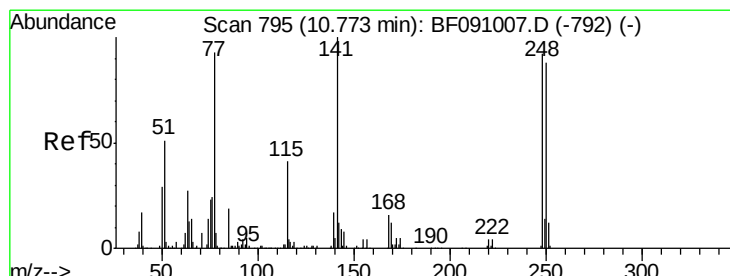
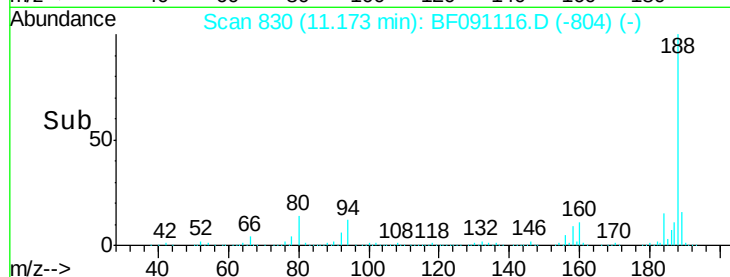
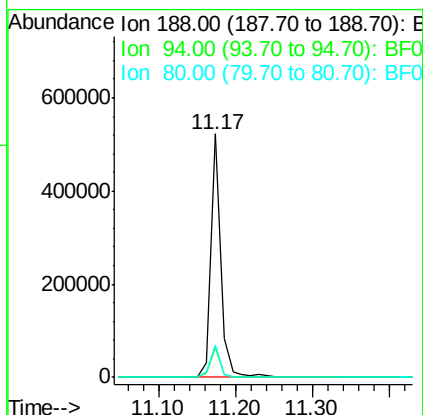
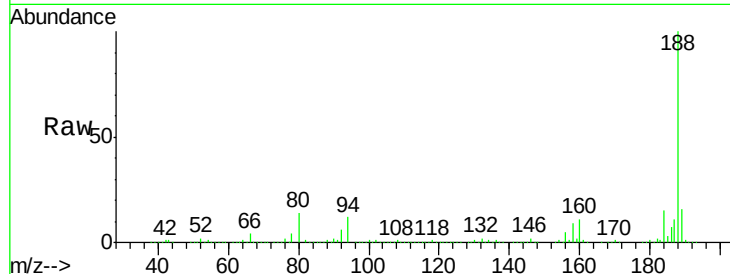




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF091116.D
 Acq: 9 Nov 2016 7:50

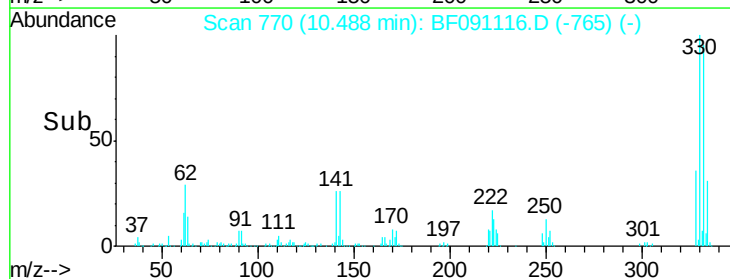
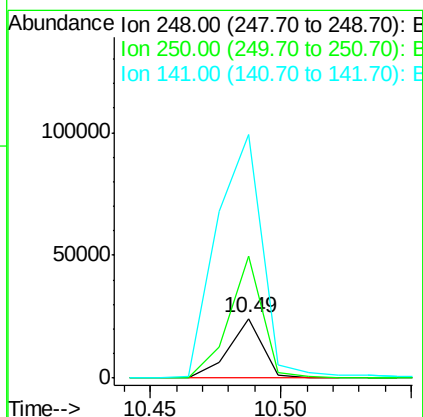
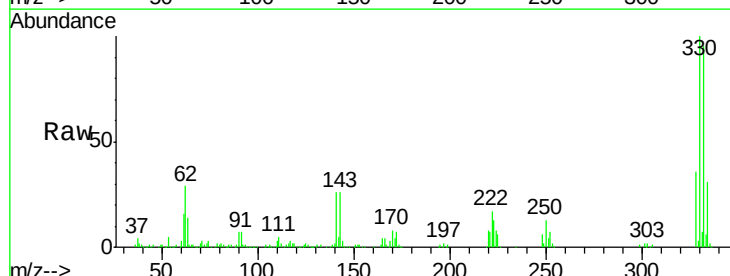
Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-3

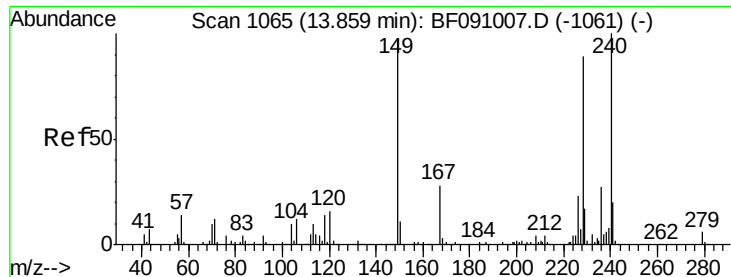
Tgt Ion:188 Resp: 465394
 Ion Ratio Lower Upper
 188 100
 94 12.1 7.0 10.4#
 80 13.6 7.5 11.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.49 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.24 min
 Lab File: BF091116.D
 Acq: 9 Nov 2016 7:50

Tgt Ion:248 Resp: 21746
 Ion Ratio Lower Upper
 248 100
 250 204.6 76.3 114.5#
 141 408.3 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: BF091116.D

Acq: 9 Nov 2016 7:50

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-3

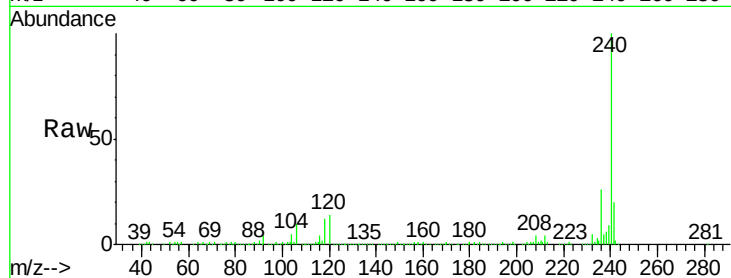
Tgt Ion:240 Resp: 336948

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

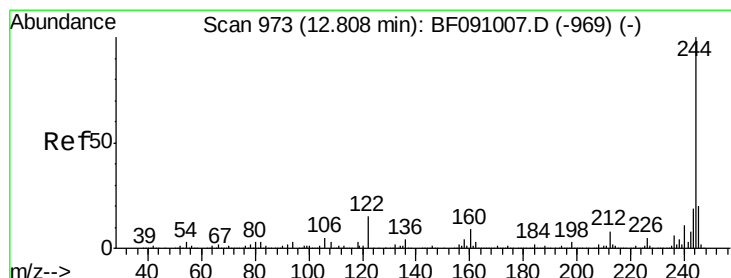
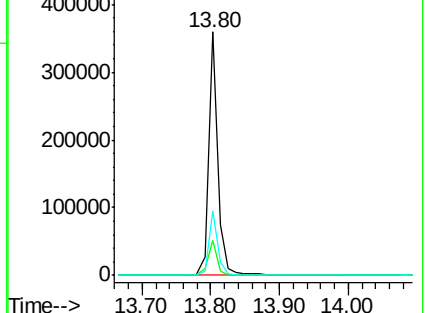
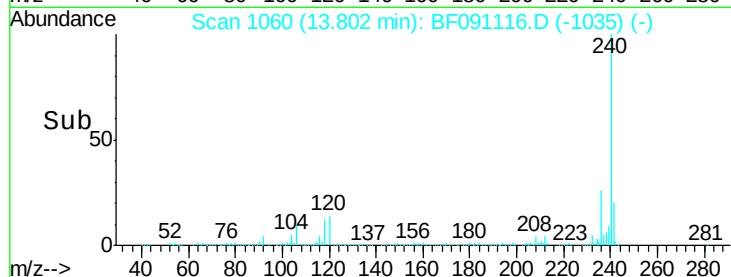
236 26.4 21.9 32.9



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: 86.43 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091116.D

Acq: 9 Nov 2016 7:50

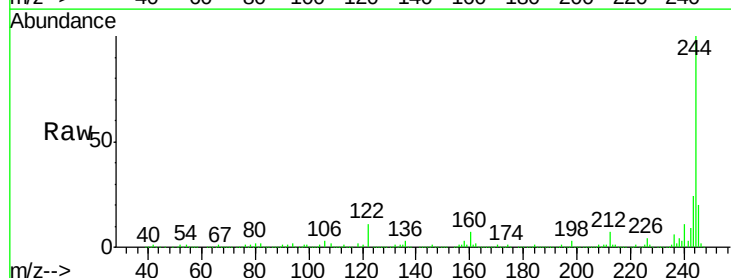
Tgt Ion:244 Resp: 1167044

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

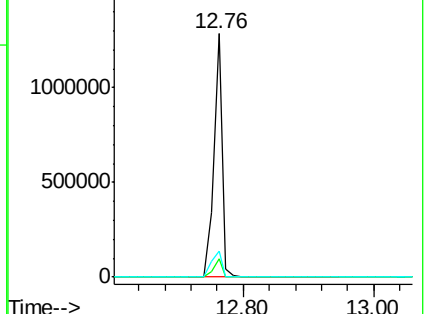
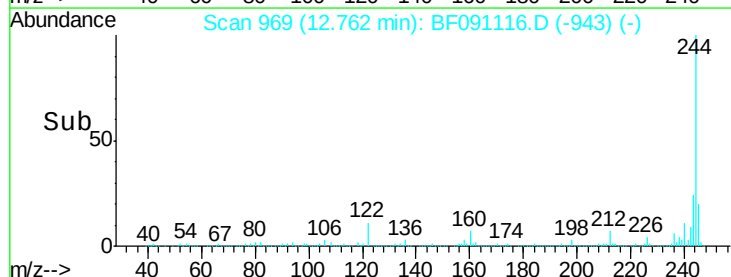
122 10.6 12.3 18.5#

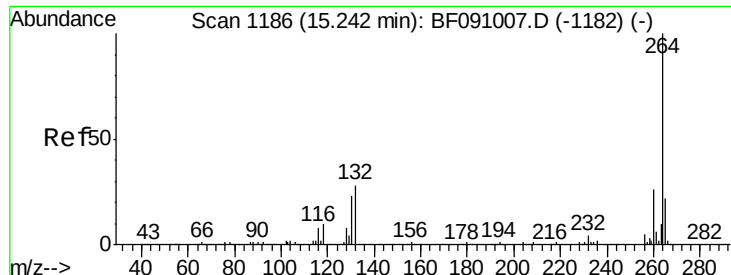


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091116.D
Acq: 9 Nov 2016 7:50

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	22.1	17.8	26.8

