

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091119.D
 Acq On : 9 Nov 2016 9:13
 Operator : UM/SJ
 Sample : H5547-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-6

Quant Time: Nov 09 10:18:45 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

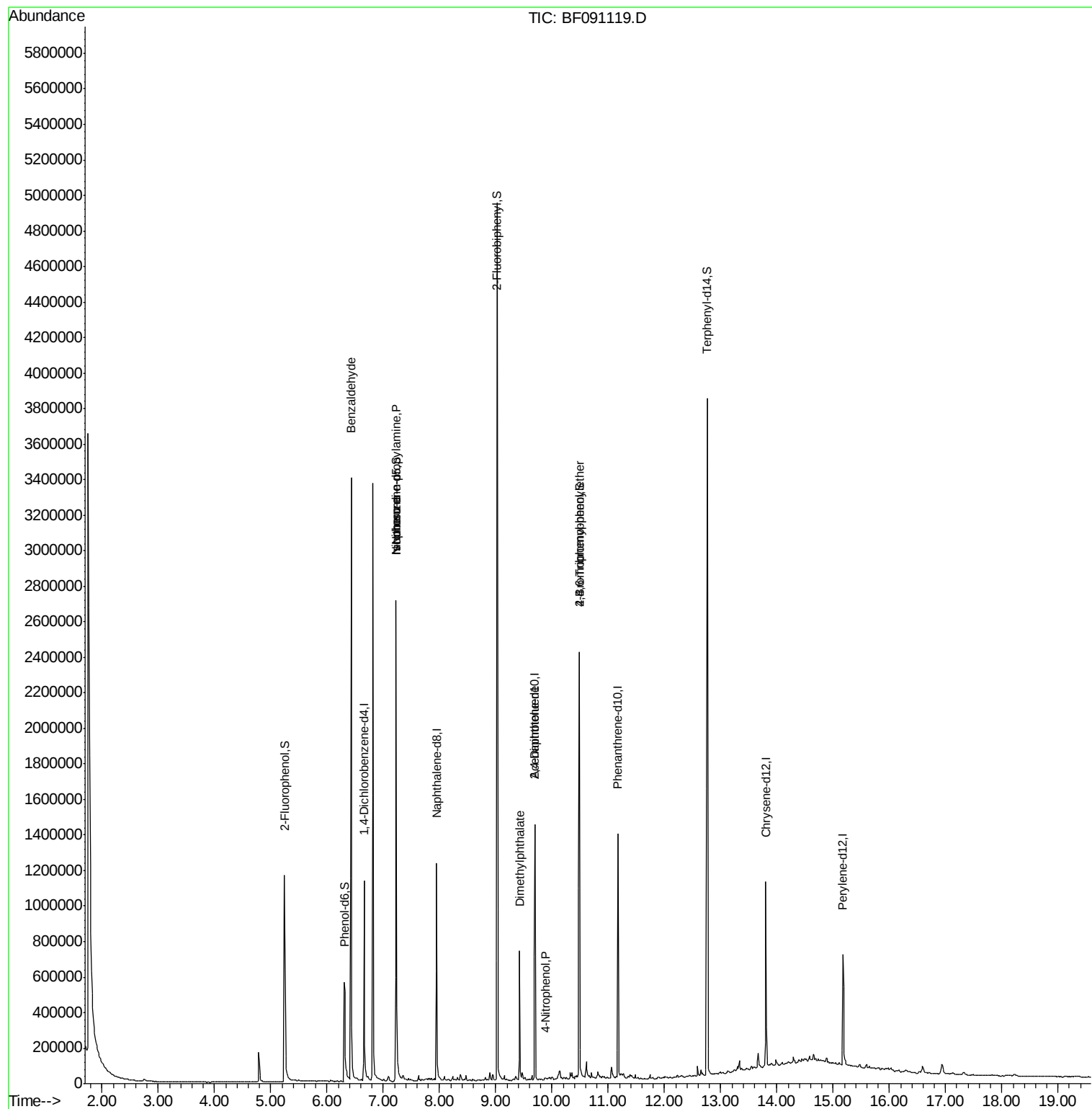
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173305	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	692945	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	341409	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	466272	20.00	ng	0.00
75) Chrysene-d12	13.80	240	333358	20.00	ng	-0.01
86) Perylene-d12	15.17	264	288644	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	425950	40.59	ng	0.00
7) Phenol-d6	6.32	99	349720	24.55	ng	0.00
23) Nitrobenzene-d5	7.23	82	1005062	79.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	312287	101.18	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1531676	77.24	ng	-0.01
78) Terphenyl-d14	12.76	244	1270901	95.14	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	23550	2.98	ng	87
19) n-Nitroso-di-n-propylamine	7.23	70	142636	14.45	ng	# 78
25) Isophorone	7.23	82	839646	34.30	ng	# 67
49) Dimethylphthalate	9.42	163	268721	12.00	ng	98
55) 4-Nitrophenol	9.89	139	470	5.85	ng	# 62
56) 2,4-Dinitrotoluene	9.70	165	43110	7.06	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	21454	4.42	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: BF091119.D

Acq: 9 Nov 2016 9:13

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-6

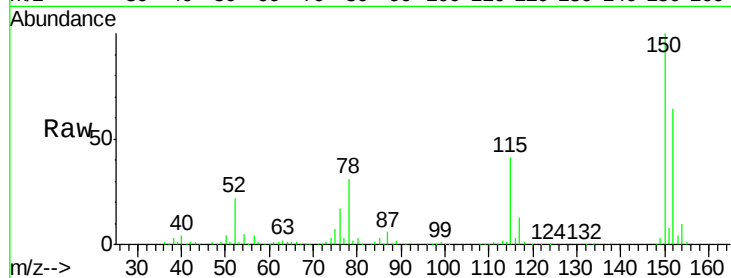
Tgt Ion:152 Resp: 173305

Ion Ratio Lower Upper

152 100

150 156.9 126.8 190.2

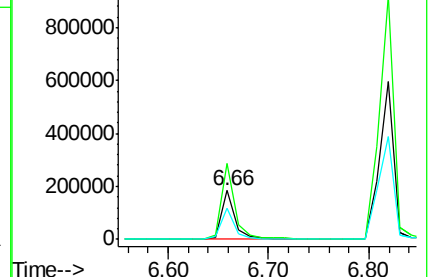
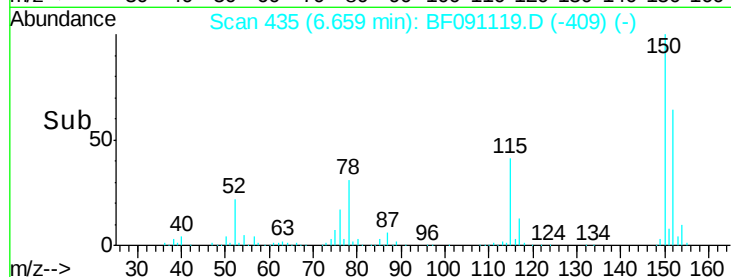
115 65.0 53.3 79.9



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: 40.59 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091119.D

Acq: 9 Nov 2016 9:13

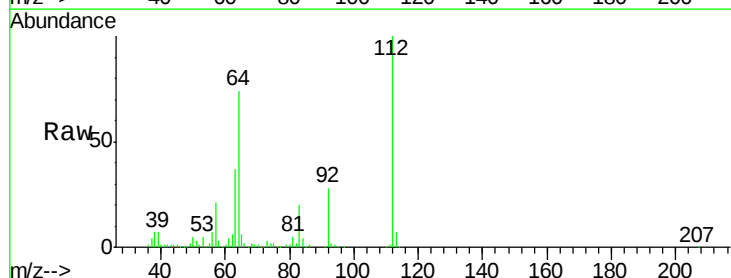
Tgt Ion:112 Resp: 425950

Ion Ratio Lower Upper

112 100

64 73.8 55.8 83.6

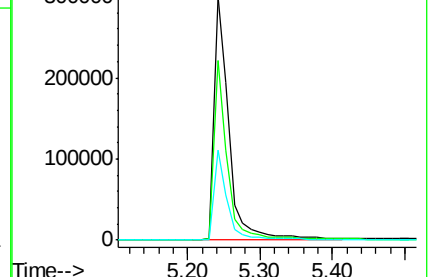
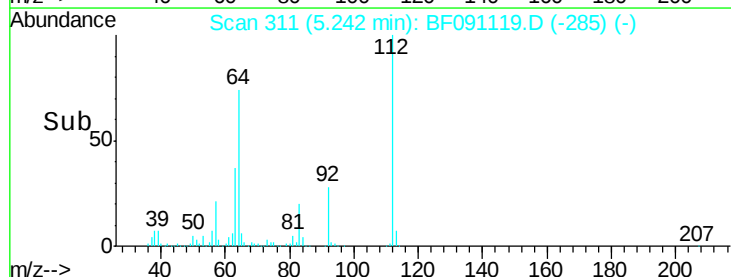
63 36.9 28.0 42.0



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: 24.55 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091119.D

Acq: 9 Nov 2016 9:13

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-6

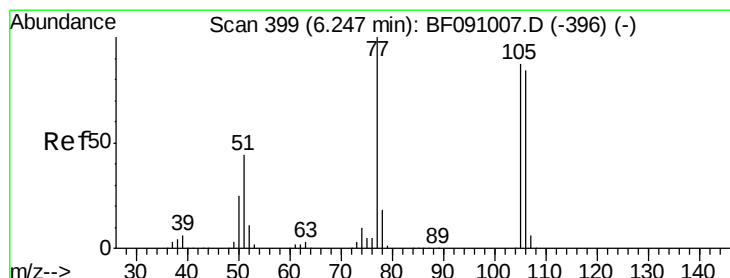
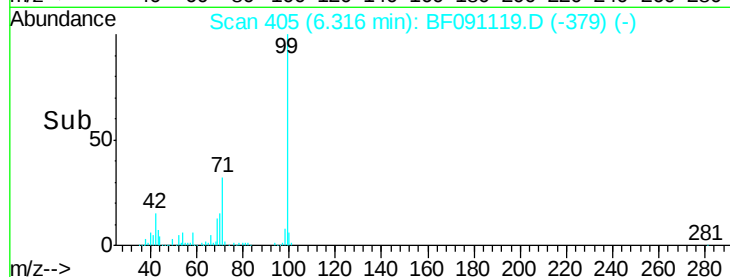
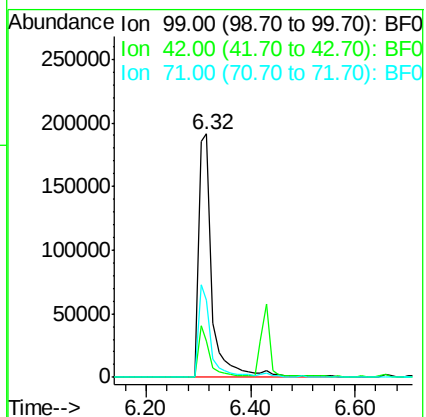
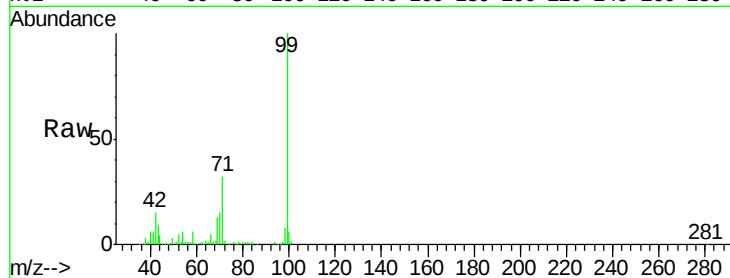
Tgt Ion: 99 Resp: 349720

Ion Ratio Lower Upper

99 100

42 14.9 13.9 20.9

71 32.0 27.8 41.8



#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091119.D

Acq: 9 Nov 2016 9:13

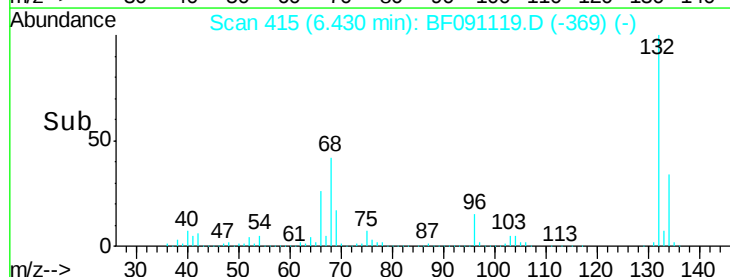
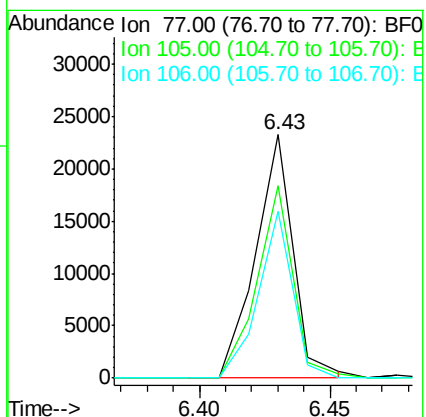
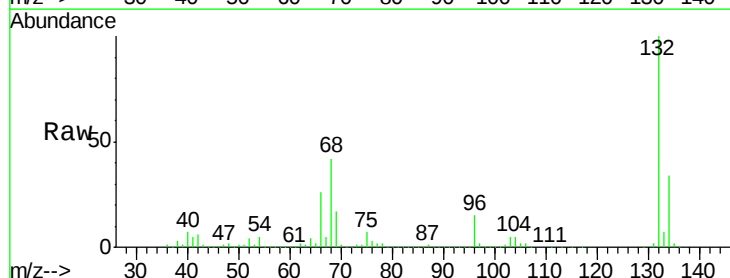
Tgt Ion: 77 Resp: 23550

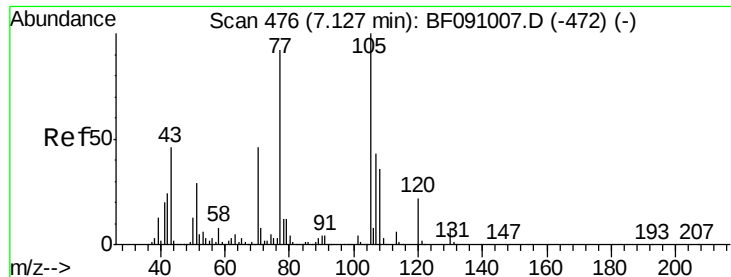
Ion Ratio Lower Upper

77 100

105 79.0 66.8 106.8

106 68.7 64.0 104.0

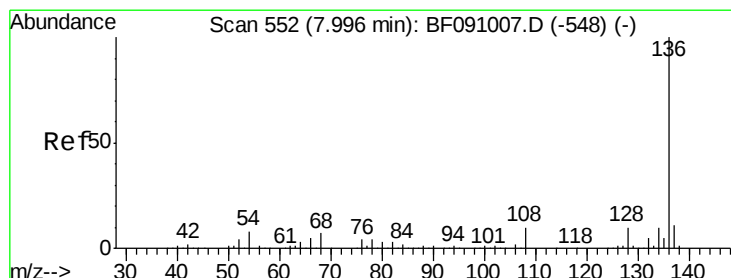
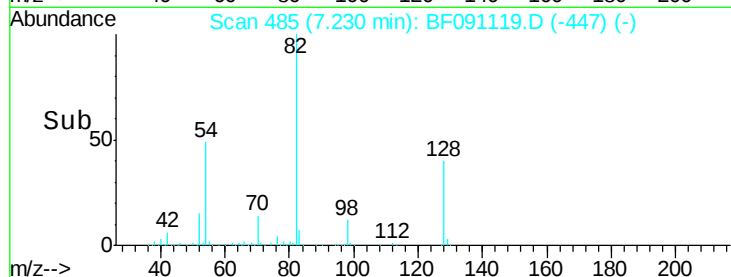
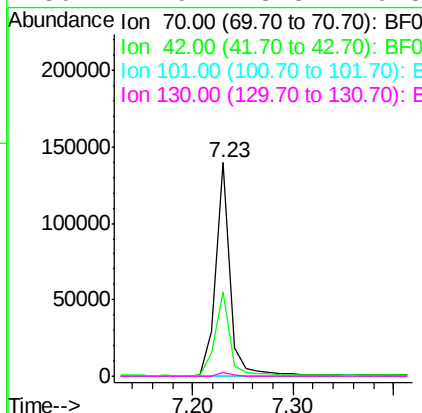
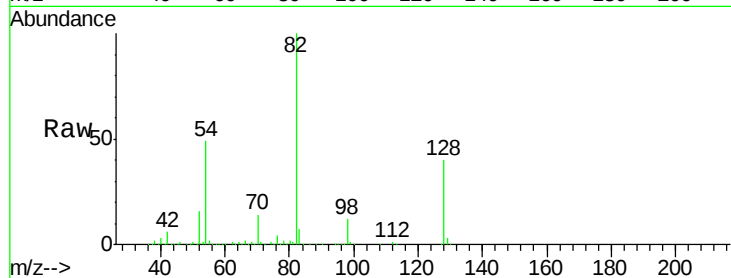




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.45 ng
 RT: 7.23 min Scan# 485
 Delta R.T. 0.14 min
 Lab File: BF091119.D
 Acq: 9 Nov 2016 9:13

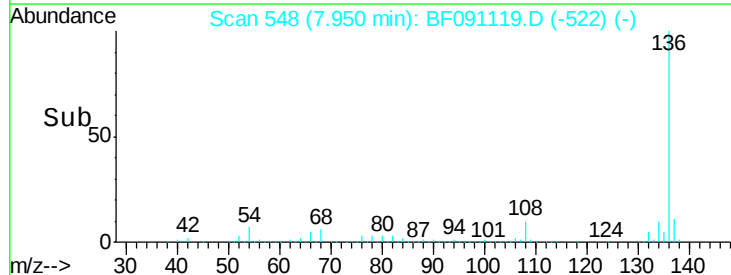
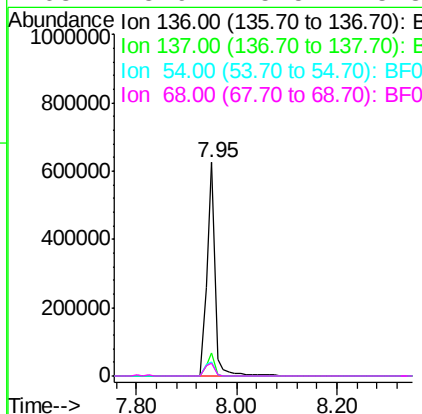
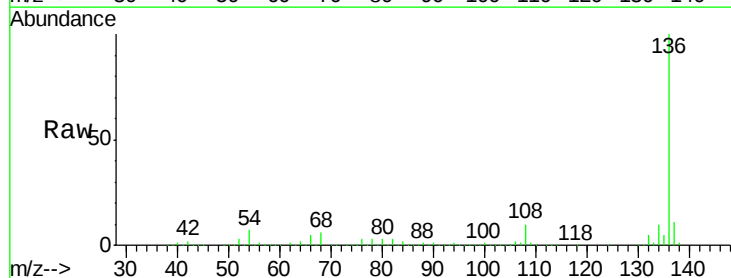
Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-6

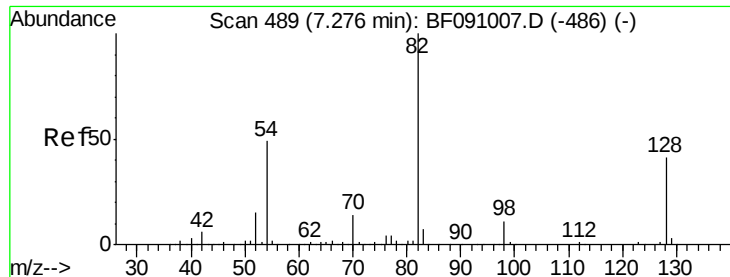
Tgt Ion: 70 Resp: 142636
 Ion Ratio Lower Upper
 70 100
 42 39.8 41.7 62.5#
 101 0.0 6.7 10.1#
 130 1.9 13.8 20.8#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.95 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF091119.D
 Acq: 9 Nov 2016 9:13

Tgt Ion: 136 Resp: 692945
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.9 13.3
 54 6.7 6.2 9.2
 68 5.9 5.5 8.3

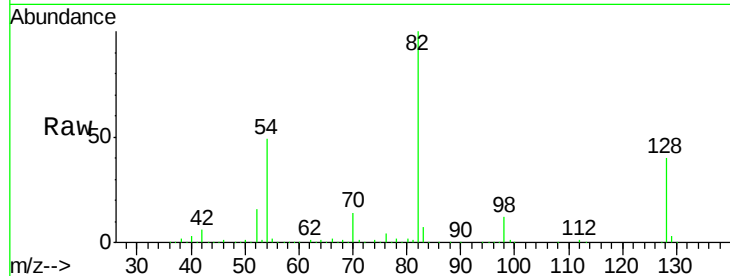




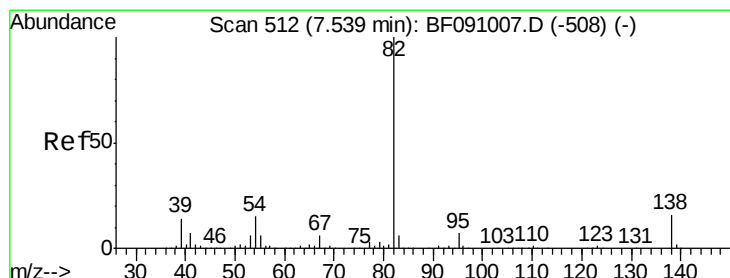
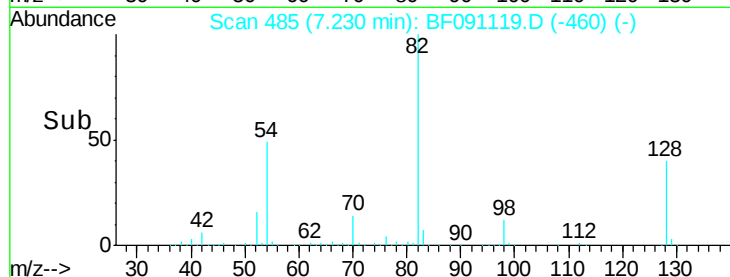
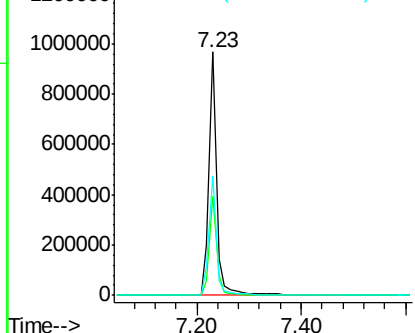
#23
 Nitrobenzene-d5
 Concen: 79.12 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091119.D
 Acq: 9 Nov 2016 9:13

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-6

Tgt Ion: 82 Resp: 1005062
 Ion Ratio Lower Upper
 82 100
 128 40.5 32.4 48.6
 54 49.3 39.2 58.8

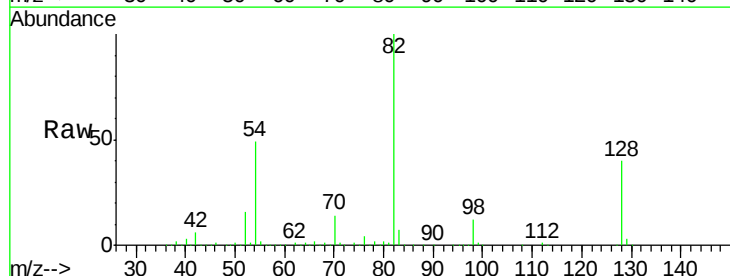


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

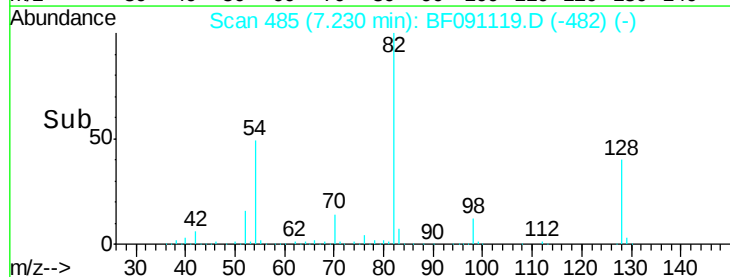
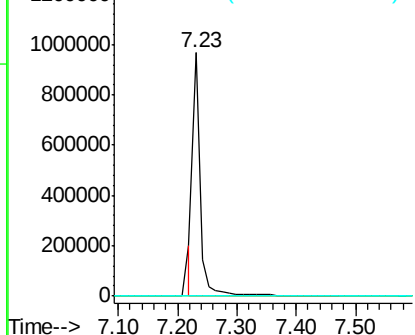


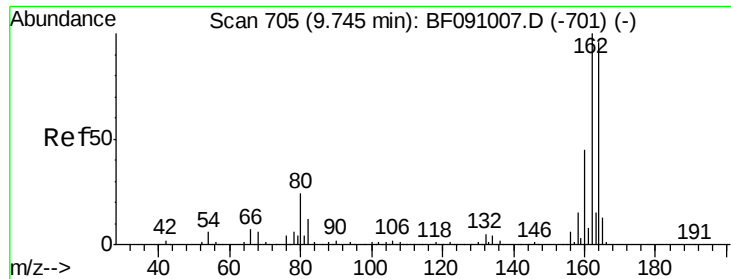
#25
 Isophorone
 Concen: 34.30 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.26 min
 Lab File: BF091119.D
 Acq: 9 Nov 2016 9:13

Tgt Ion: 82 Resp: 839646
 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

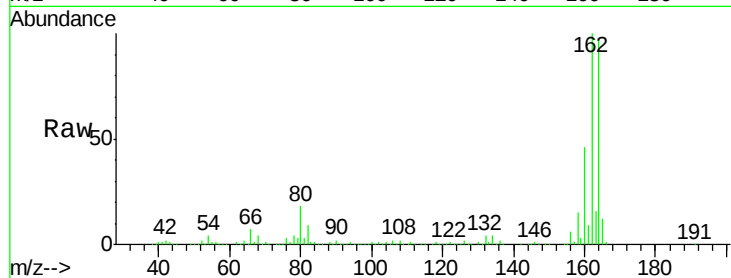




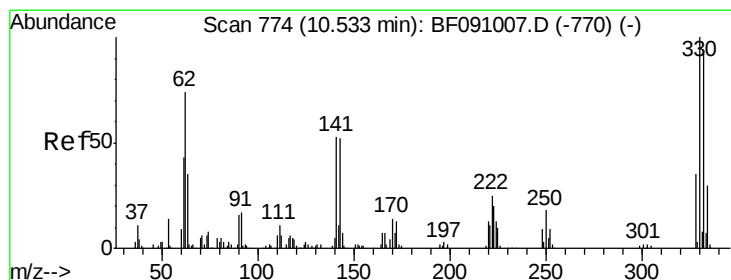
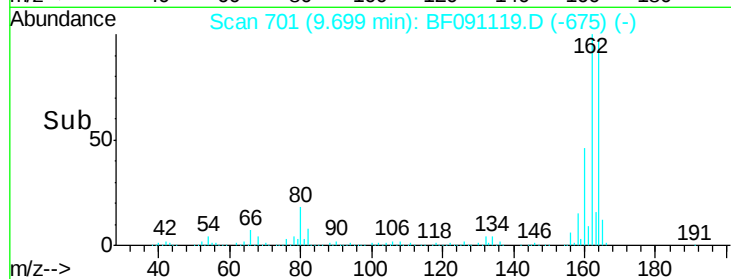
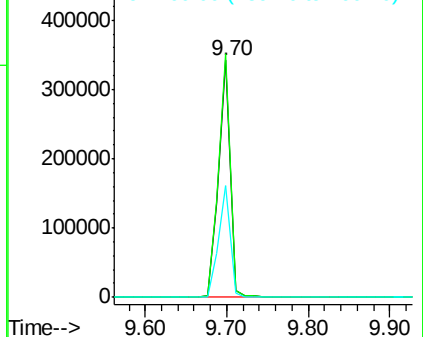
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091119.D
Acq: 9 Nov 2016 9:13

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-6

Tgt Ion:164 Resp: 341409
Ion Ratio Lower Upper
164 100
162 102.7 83.6 125.4
160 47.4 37.9 56.9

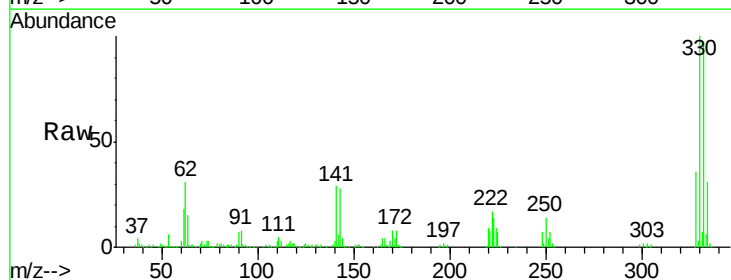


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

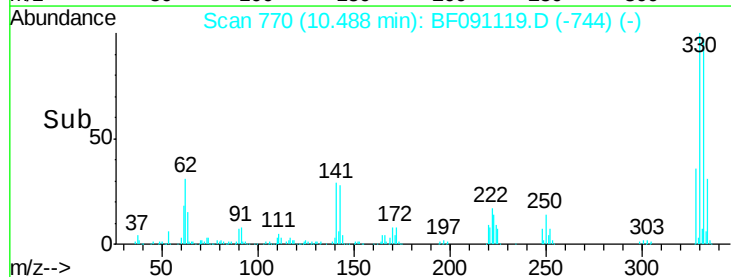
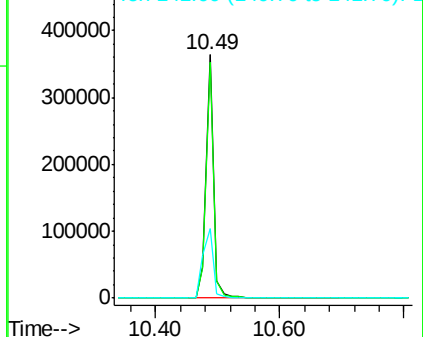


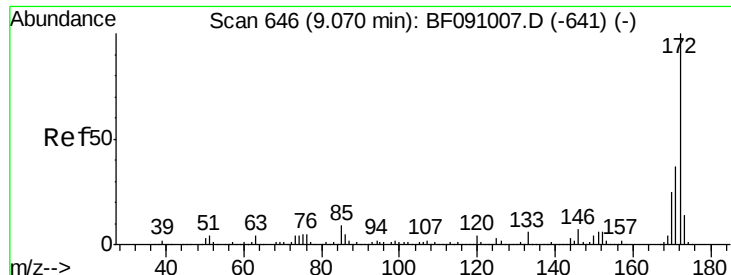
#41
2,4,6-Tribromophenol
Concen: 101.18 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091119.D
Acq: 9 Nov 2016 9:13

Tgt Ion:330 Resp: 312287
Ion Ratio Lower Upper
330 100
332 97.0 75.9 113.9
141 40.4 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

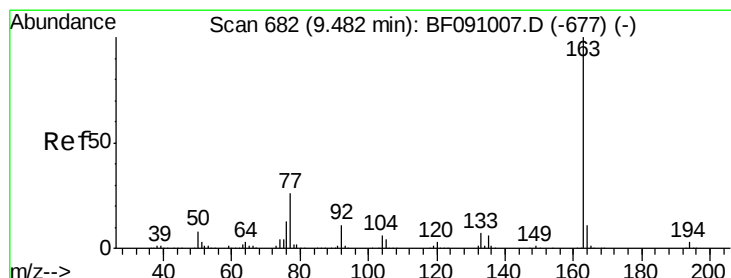
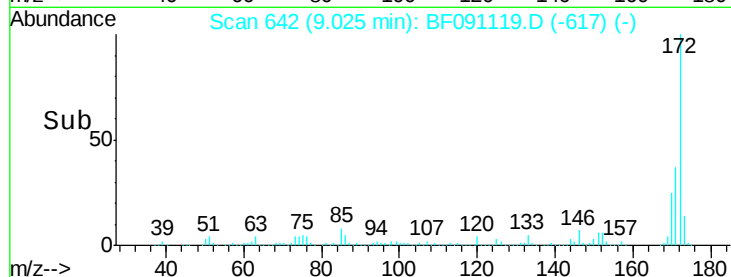
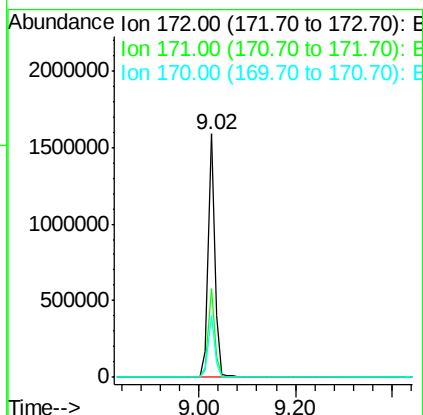
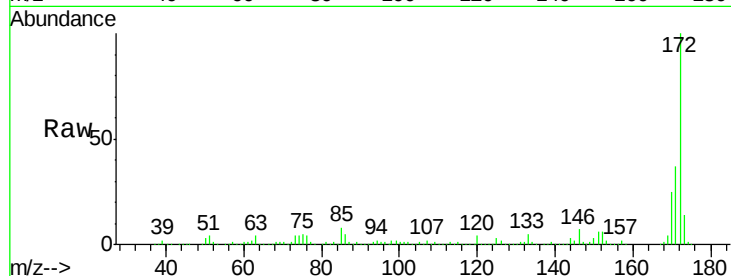




#44
2-Fluorobiphenyl
Concen: 77.24 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091119.D
Acq: 9 Nov 2016 9:13

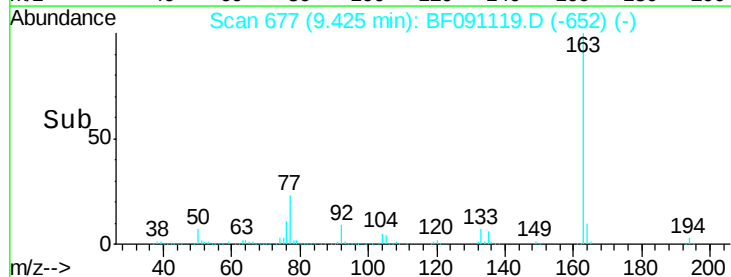
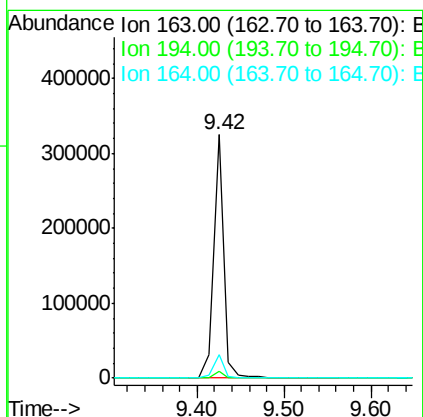
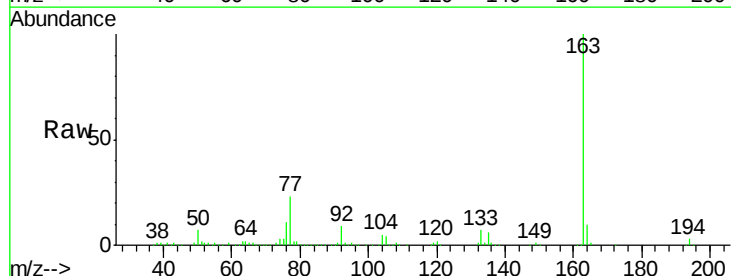
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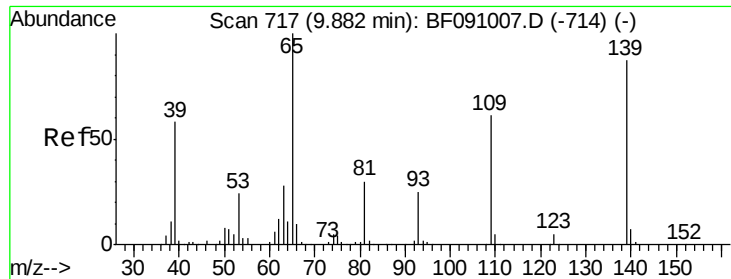
Tgt Ion:172 Resp: 1531676
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 25.2 20.3 30.5



#49
Dimethylphthalate
Concen: 12.00 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091119.D
Acq: 9 Nov 2016 9:13

Tgt Ion:163 Resp: 268721
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.9 8.7 13.1





#55

4-Nitrophenol

Concen: 5.85 ng

RT: 9.89 min Scan# 718

Delta R.T. 0.05 min

Lab File: BF091119.D

Acq: 9 Nov 2016 9:13

Instrument :

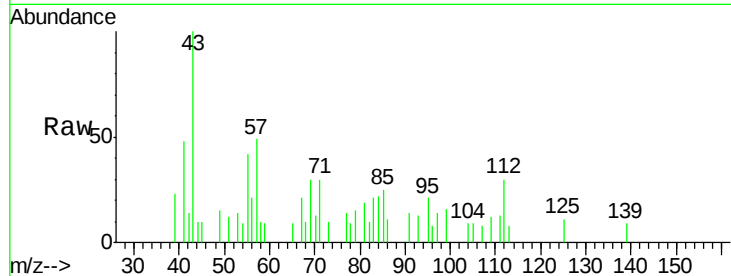
BNA_F

ClientSampleId :

WATER-QUALITYDRY-6

Tgt Ion:139 Resp: 470

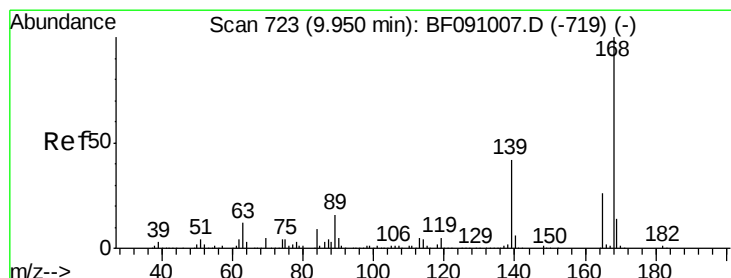
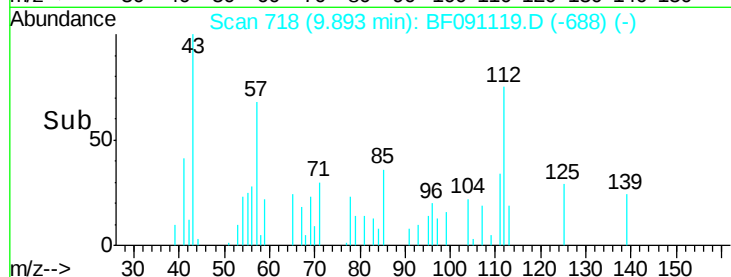
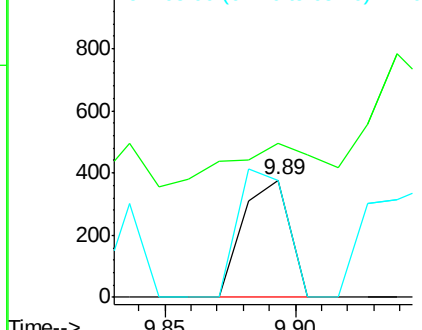
Ion	Ratio	Lower	Upper
139	100		
109	131.6	50.5	90.5#
65	99.5	97.1	137.1



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: 7.06 ng

RT: 9.70 min Scan# 701

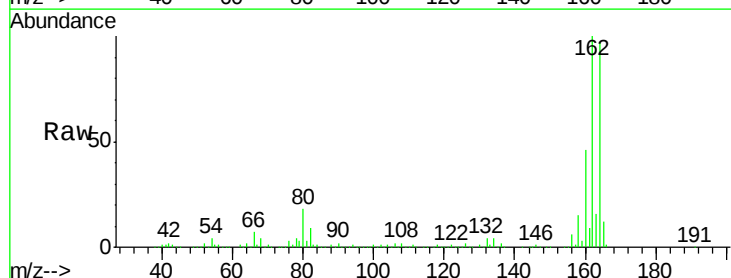
Delta R.T. -0.21 min

Lab File: BF091119.D

Acq: 9 Nov 2016 9:13

Tgt Ion:165 Resp: 43110

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.4	50.6	76.0#
182	0.0	1.8	2.8#

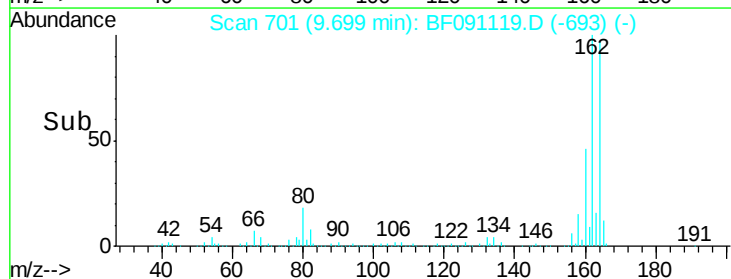
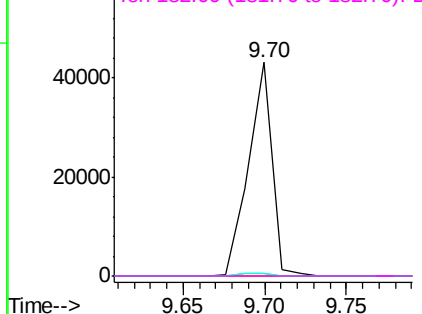


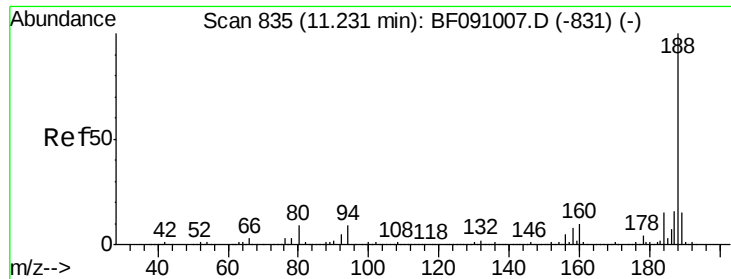
Abundance Ion 165.00 (164.70 to 165.70): E

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

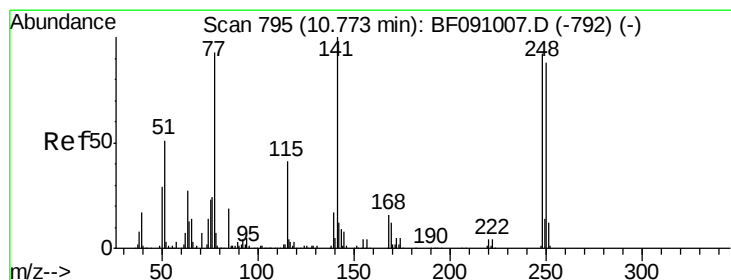
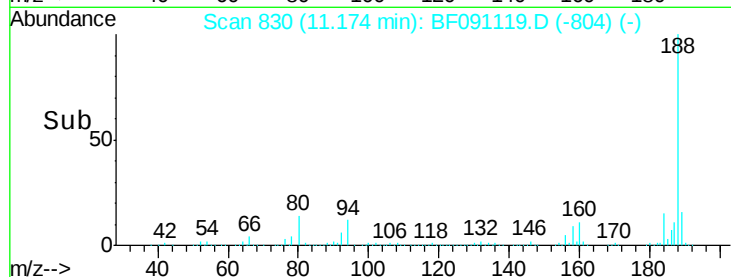
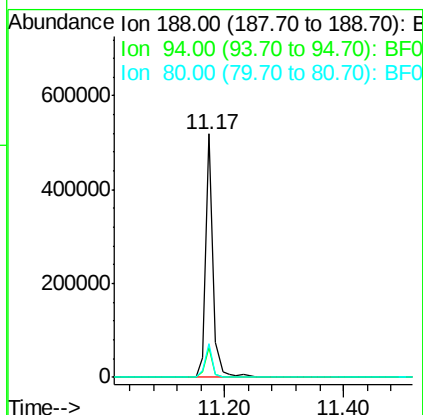
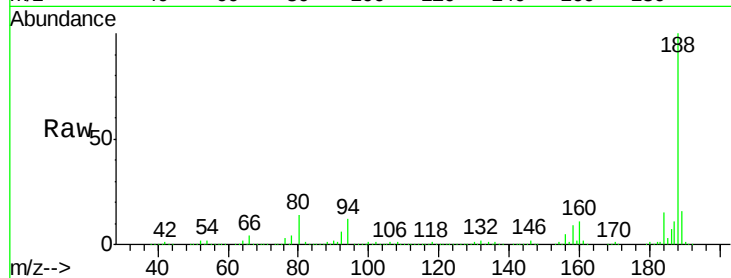




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091119.D
Acq: 9 Nov 2016 9:13

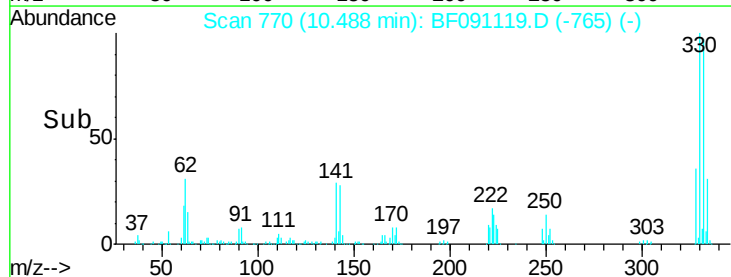
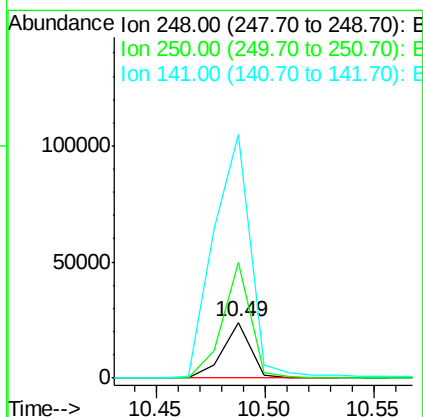
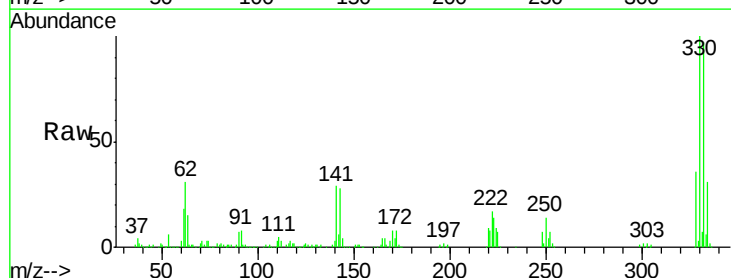
Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-6

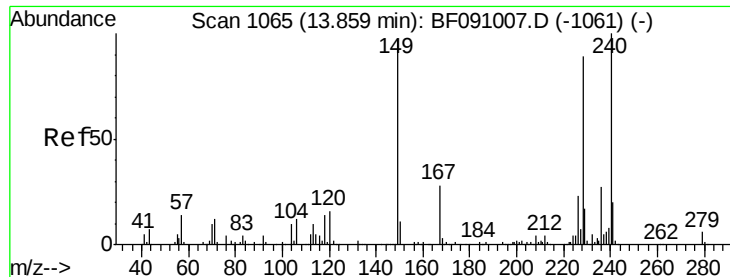
Tgt Ion:188 Resp: 466272
Ion Ratio Lower Upper
188 100
94 12.3 7.0 10.4#
80 13.7 7.5 11.3#



#66
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091119.D
Acq: 9 Nov 2016 9:13

Tgt Ion:248 Resp: 21454
Ion Ratio Lower Upper
248 100
250 207.1 76.3 114.5#
141 434.9 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: BF091119.D

Acq: 9 Nov 2016 9:13

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-6

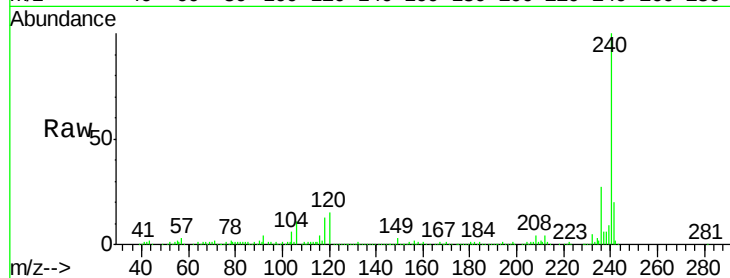
Tgt Ion:240 Resp: 333358

Ion Ratio Lower Upper

240 100

120 15.2 12.9 19.3

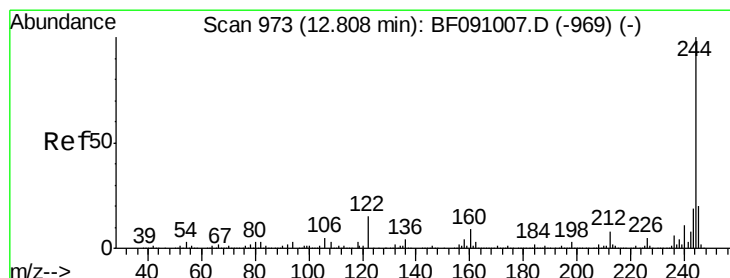
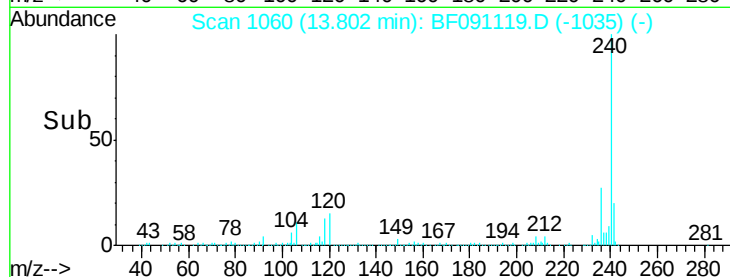
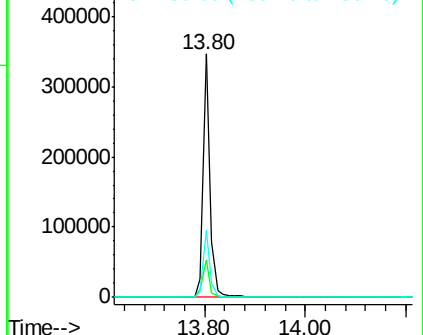
236 27.4 21.9 32.9



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: 95.14 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091119.D

Acq: 9 Nov 2016 9:13

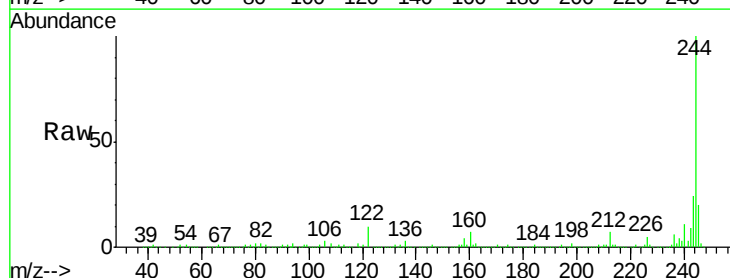
Tgt Ion:244 Resp: 1270901

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

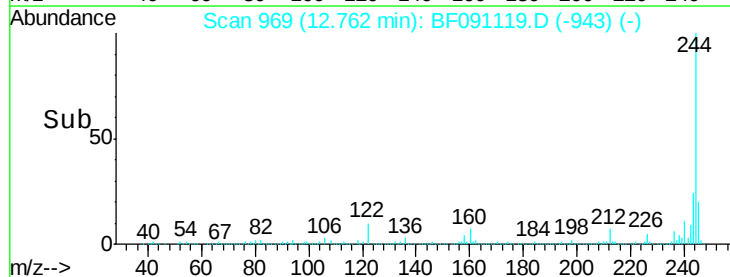
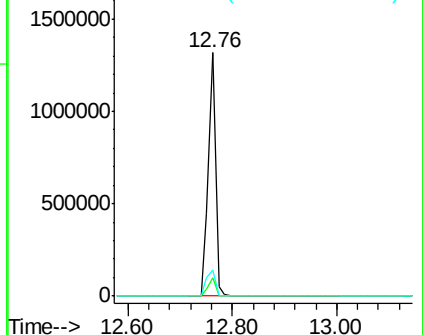
122 10.5 12.3 18.5#

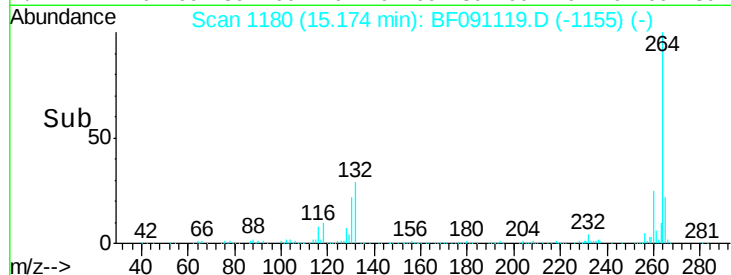
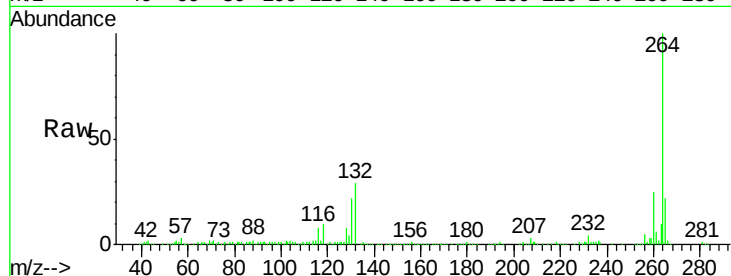
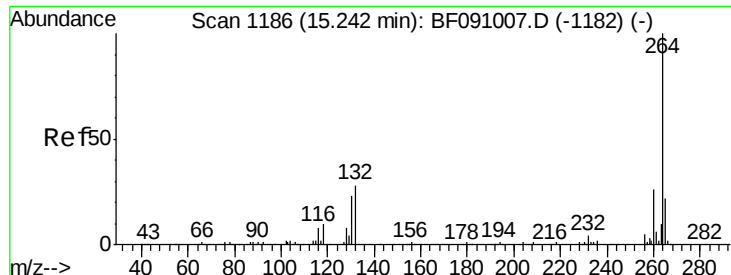


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091119.D
Acq: 9 Nov 2016 9:13

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-6

Tgt Ion:	264	Resp:	288644
Ion Ratio	Lower	Upper	
264	100		
260	25.0	20.6	30.8
265	22.3	17.8	26.8

