

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091117.D
 Acq On : 9 Nov 2016 8:18
 Operator : UM/SJ
 Sample : H5547-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-4

Quant Time: Nov 09 10:18:18 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

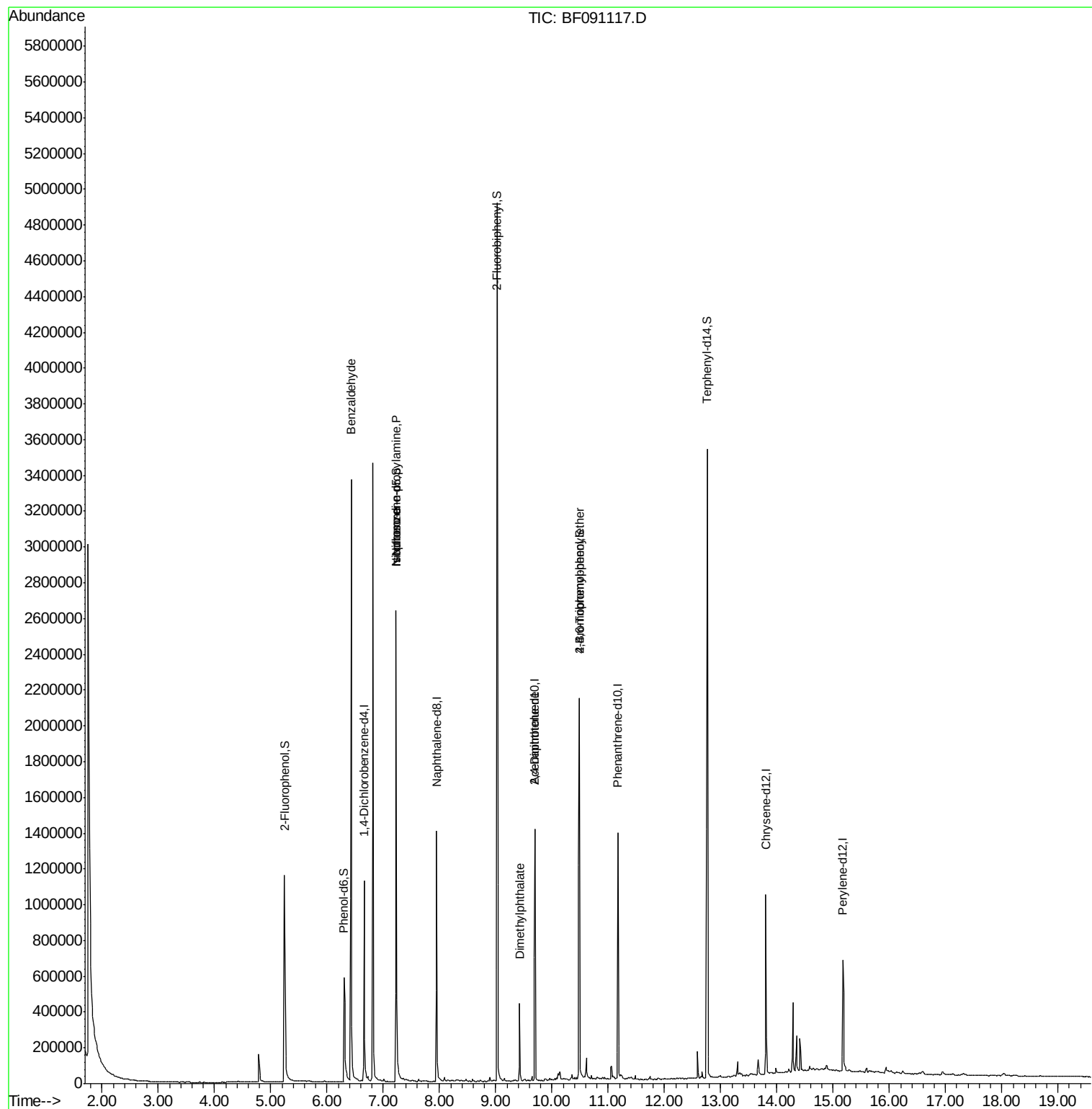
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	175272	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	721323	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	339147	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	454365	20.00	ng	0.00
75) Chrysene-d12	13.80	240	318401	20.00	ng	-0.01
86) Perylene-d12	15.17	264	286021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	419745	39.55	ng	0.00
7) Phenol-d6	6.30	99	334428	23.22	ng	-0.01
23) Nitrobenzene-d5	7.23	82	991970	75.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	304995	99.47	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1537213	78.03	ng	-0.01
78) Terphenyl-d14	12.76	244	1140921	89.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	23451	2.93	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.23	70	139749	14.00	ng	# 77
25) Isophorone	7.23	82	851606	33.42	ng	# 67
49) Dimethylphthalate	9.42	163	166074	7.47	ng	98
56) 2,4-Dinitrotoluene	9.70	165	43455	7.17	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	20549	4.35	ng	# 1

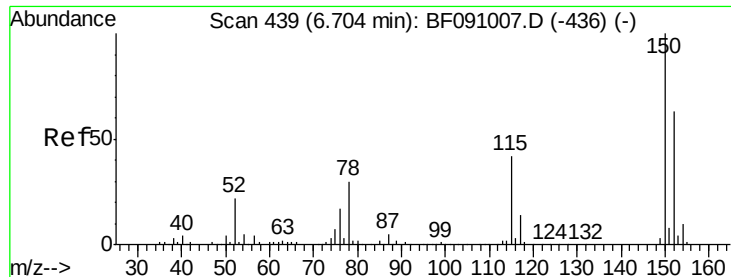
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091117.D

Acq: 9 Nov 2016 8:18

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-4

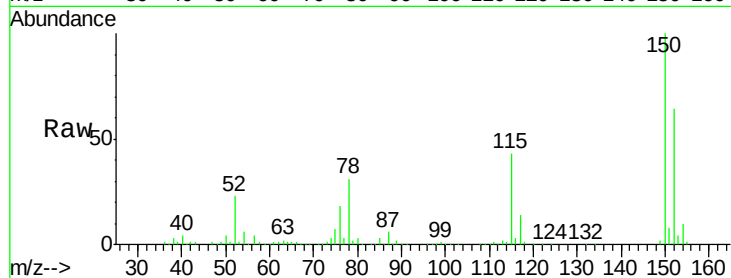
Tgt Ion:152 Resp: 175272

Ion Ratio Lower Upper

152 100

150 157.1 126.8 190.2

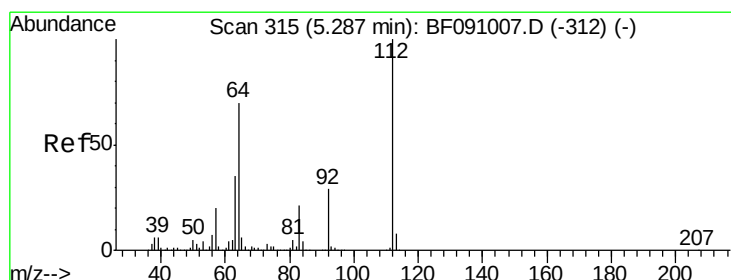
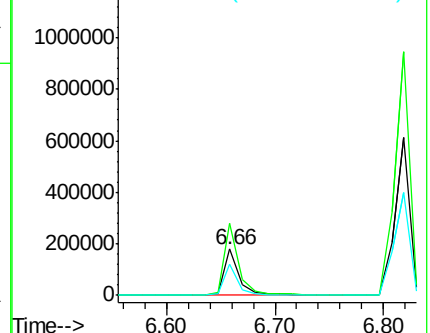
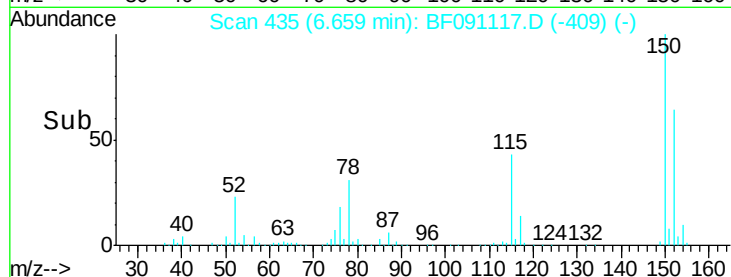
115 67.4 53.3 79.9



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: 39.55 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

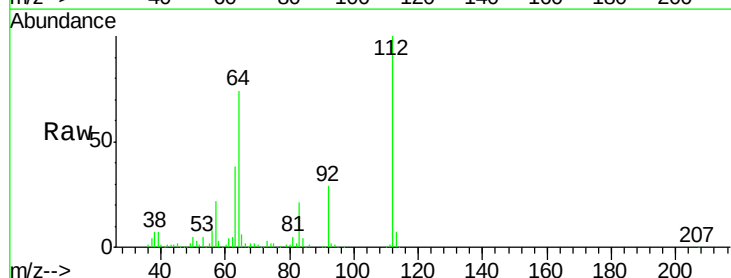
Tgt Ion:112 Resp: 419745

Ion Ratio Lower Upper

112 100

64 74.4 55.8 83.6

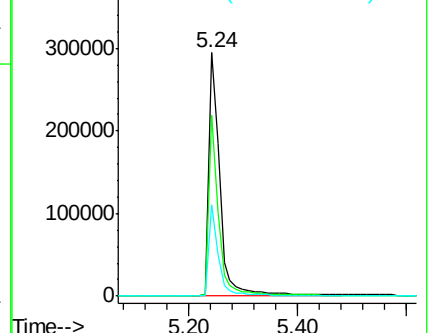
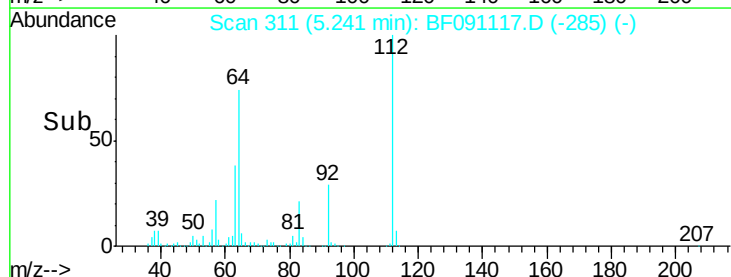
63 37.6 28.0 42.0

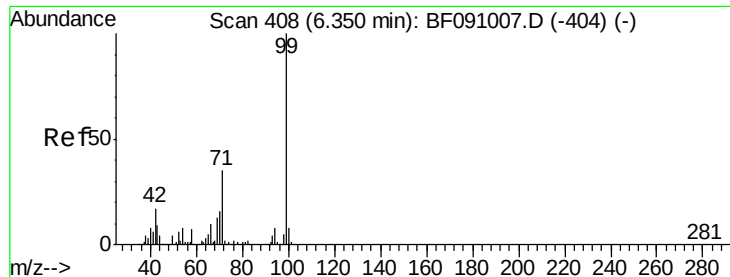


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.22 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-4

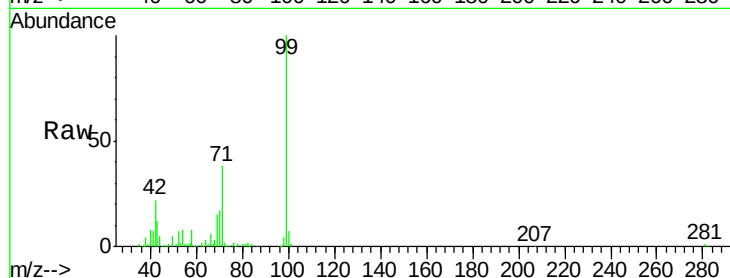
Tgt Ion: 99 Resp: 334428

Ion Ratio Lower Upper

99 100

42 21.9 13.9 20.9#

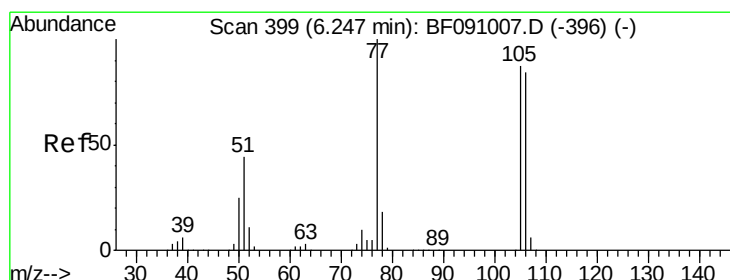
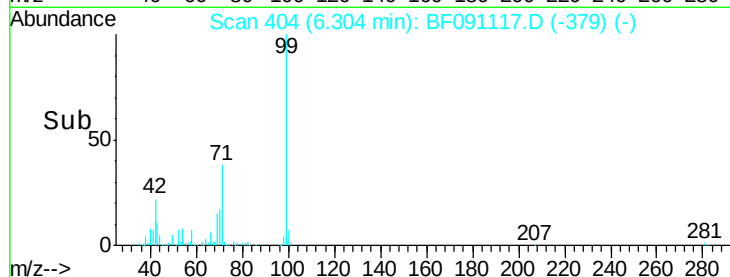
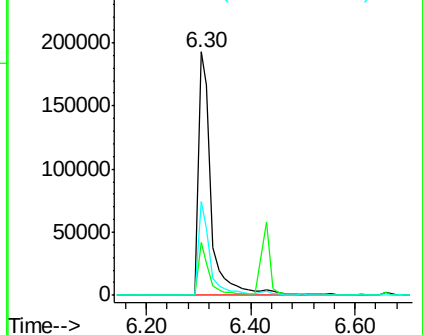
71 38.4 27.8 41.8



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: 2.93 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

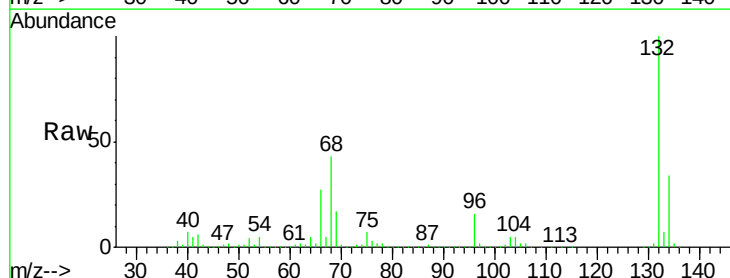
Tgt Ion: 77 Resp: 23451

Ion Ratio Lower Upper

77 100

105 75.3 66.8 106.8

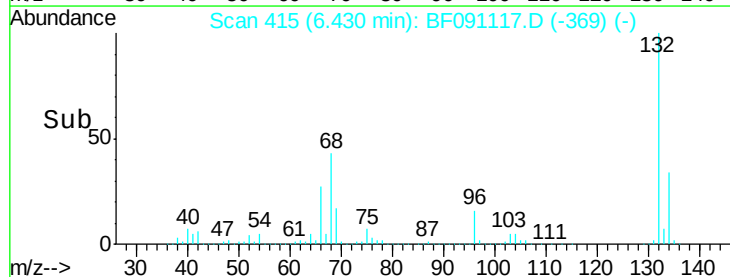
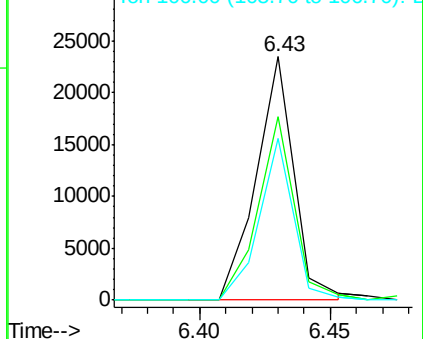
106 66.4 64.0 104.0

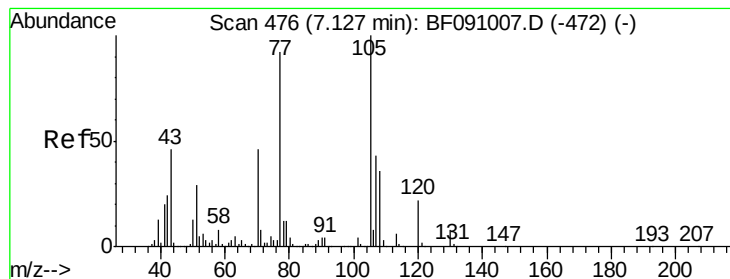


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.00 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-4

Tgt Ion: 70 Resp: 139749

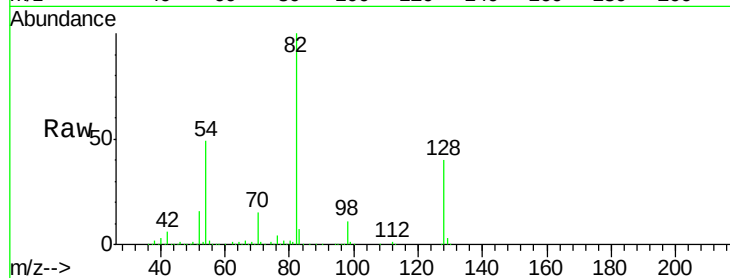
Ion Ratio Lower Upper

70 100

42 38.8 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#

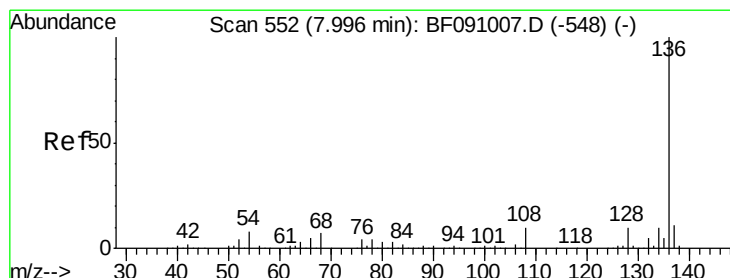
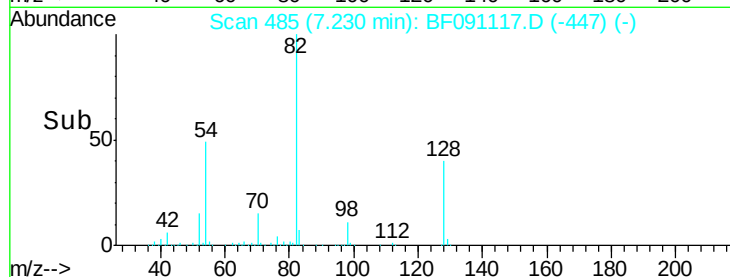
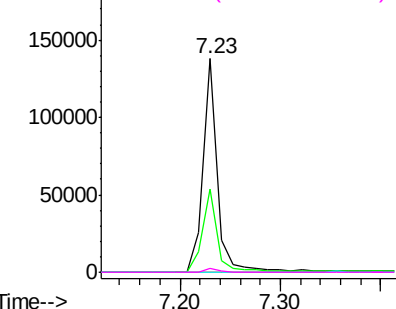


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

Tgt Ion: 136 Resp: 721323

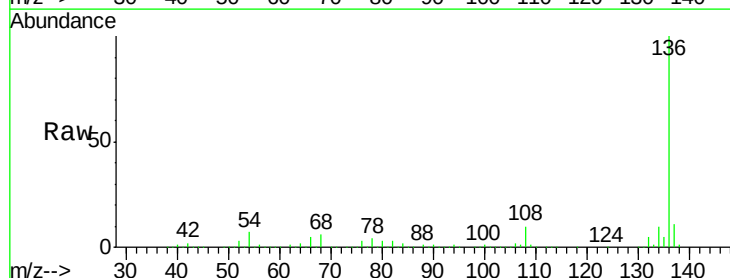
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.2 9.2

68 6.1 5.5 8.3

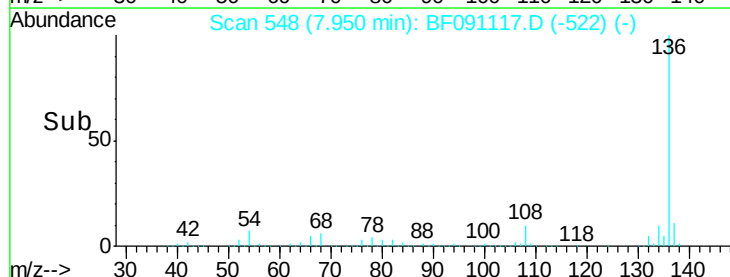
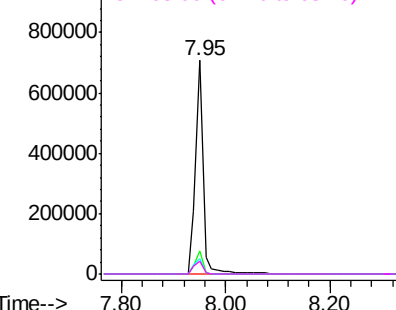


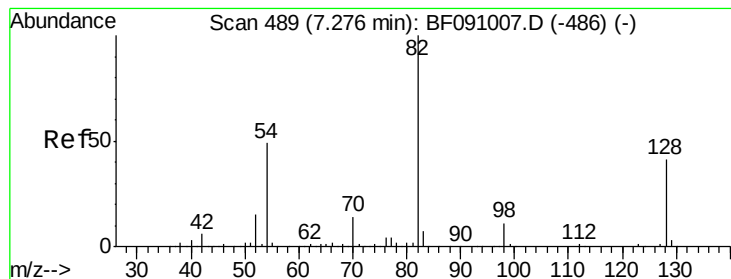
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 75.02 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-4

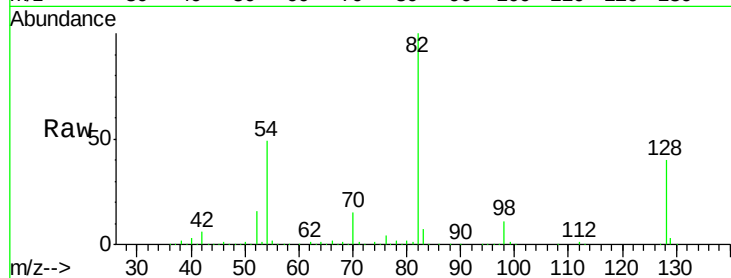
Tgt Ion: 82 Resp: 991970

Ion Ratio Lower Upper

82 100

128 39.8 32.4 48.6

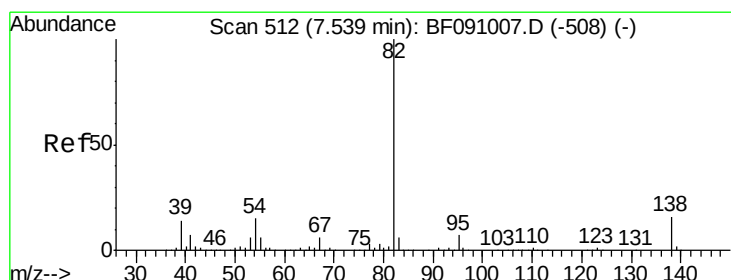
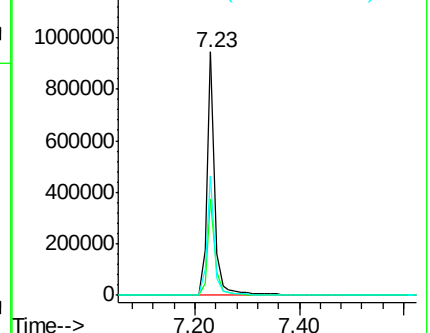
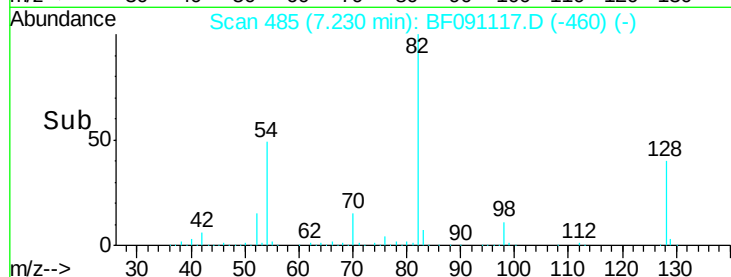
54 49.2 39.2 58.8



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: 33.42 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

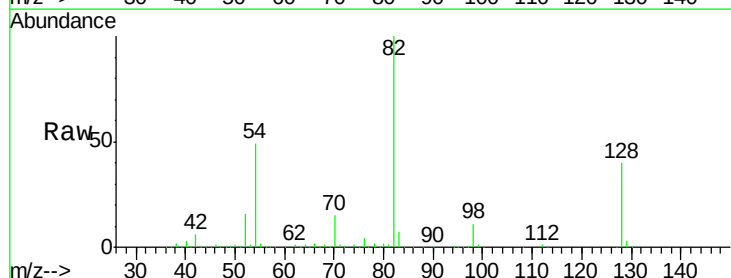
Tgt Ion: 82 Resp: 851606

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

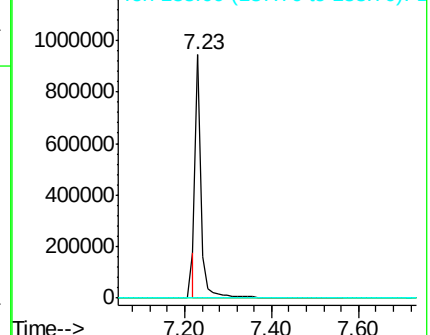
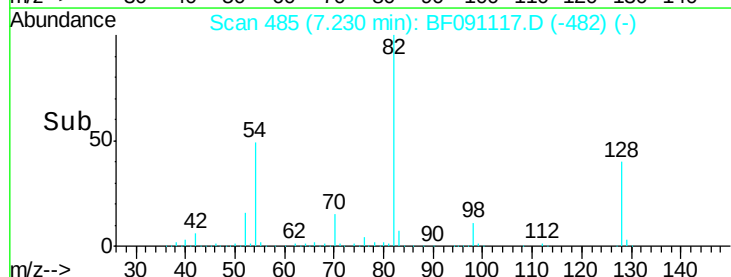
138 0.0 13.0 19.4#

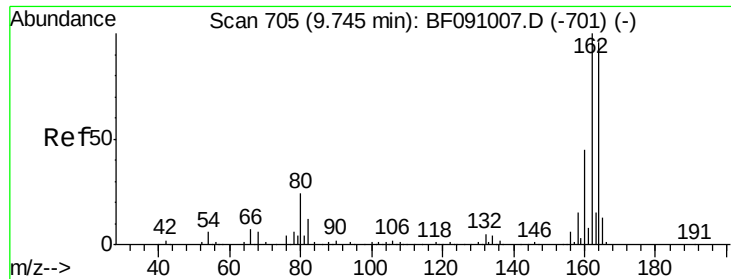


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF091117.D

Acq: 9 Nov 2016 8:18

Instrument :

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ClientSampleId :

WATER-QUALITYDRY-4

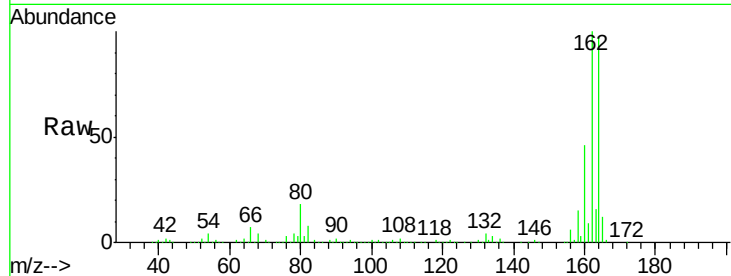
Tgt Ion:164 Resp: 339147

Ion Ratio Lower Upper

164 100

162 102.8 83.6 125.4

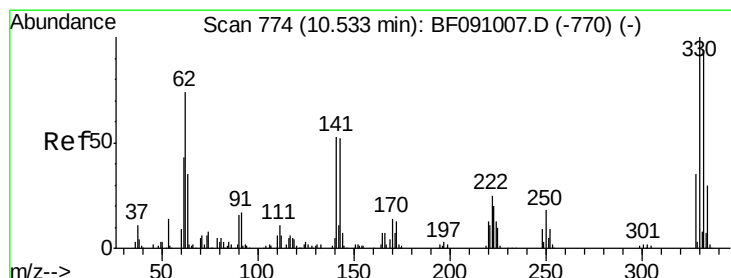
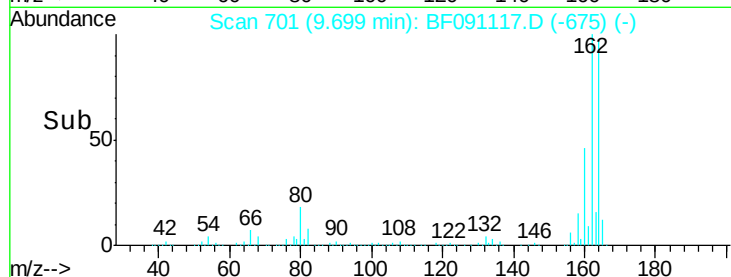
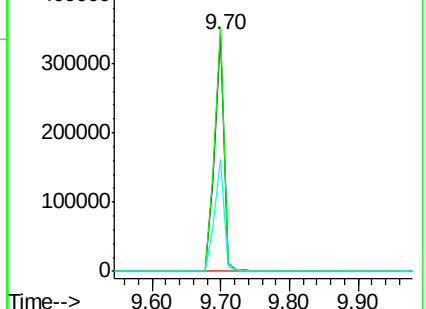
160 47.1 37.9 56.9



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: 99.47 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

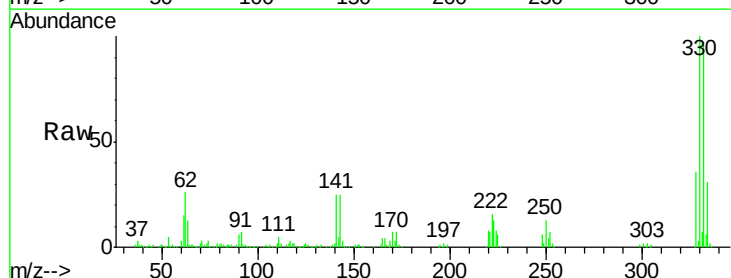
Tgt Ion:330 Resp: 304995

Ion Ratio Lower Upper

330 100

332 95.5 75.9 113.9

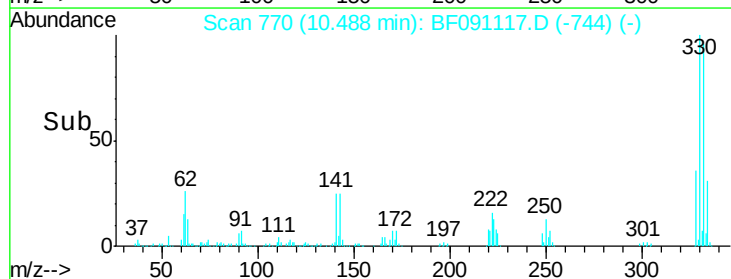
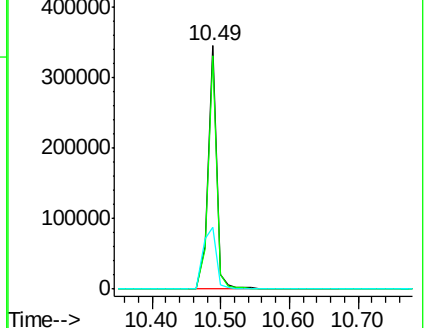
141 38.8 36.1 54.1

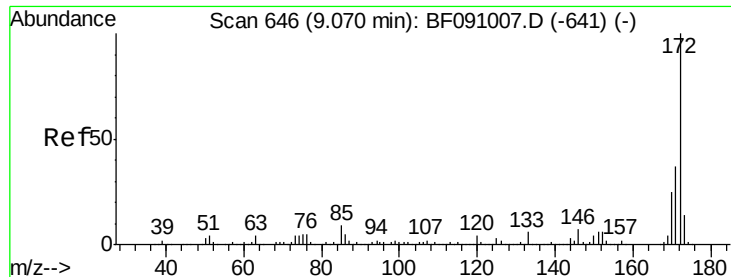


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

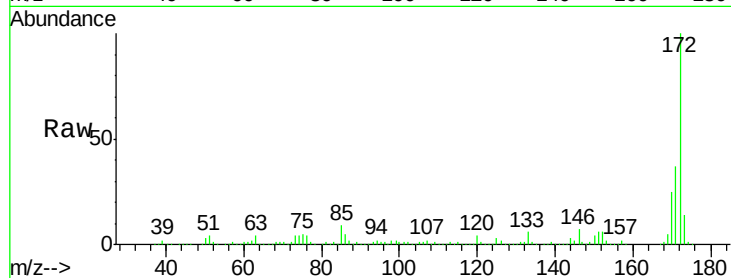




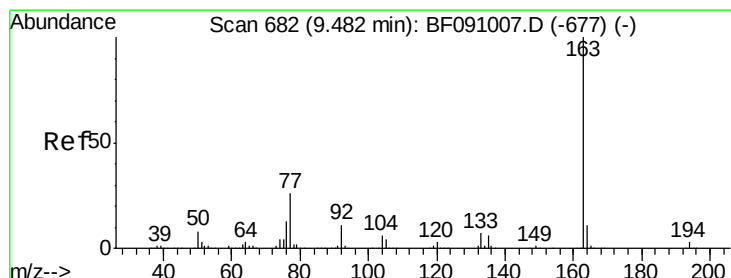
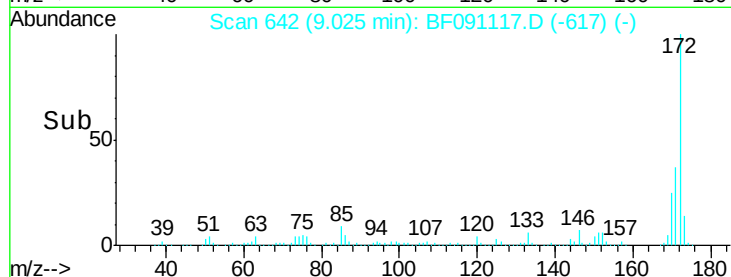
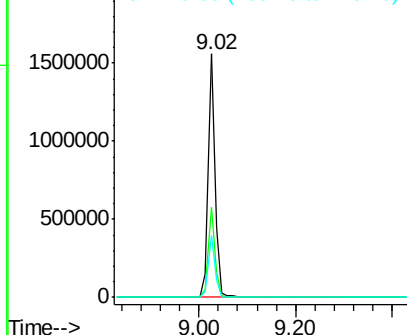
#44
 2-Fluorobiphenyl
 Concen: 78.03 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Instrument :
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 WATER-QUALITYDRY-4

Tgt Ion:172 Resp: 1537213
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.4 20.3 30.5

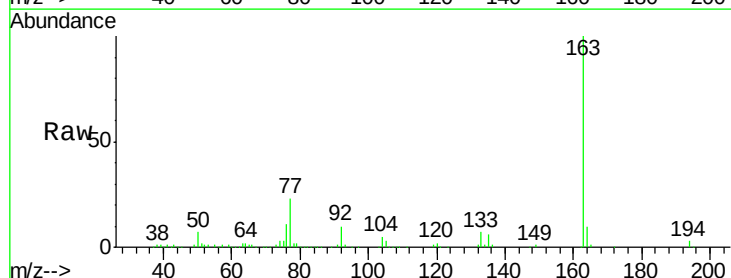


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

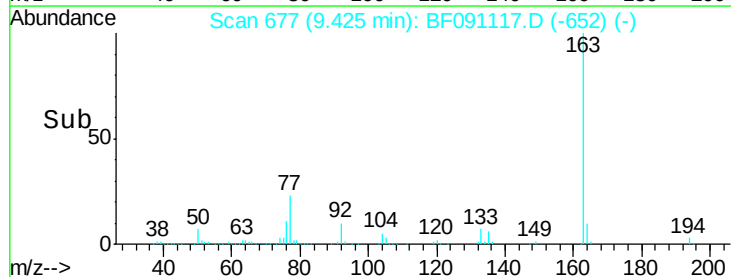
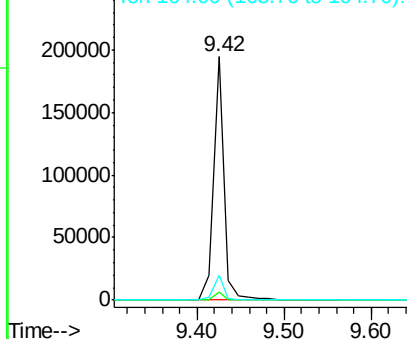


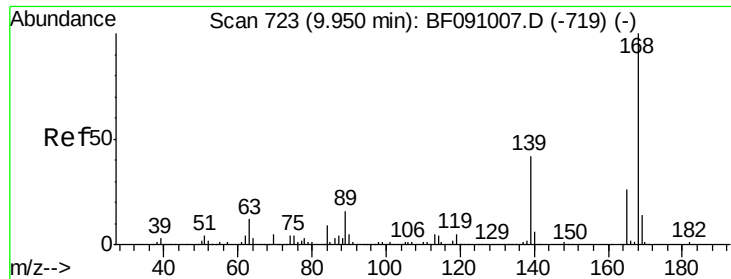
#49
 Dimethylphthalate
 Concen: 7.47 ng
 RT: 9.42 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Tgt Ion:163 Resp: 166074
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.2 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

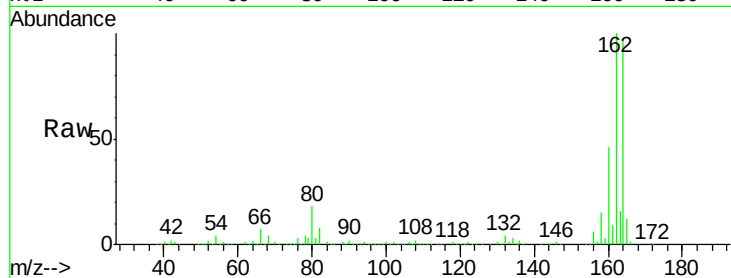




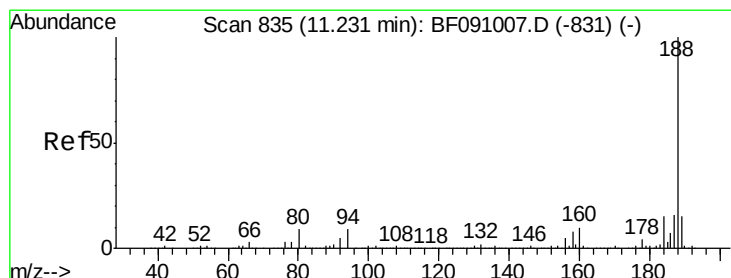
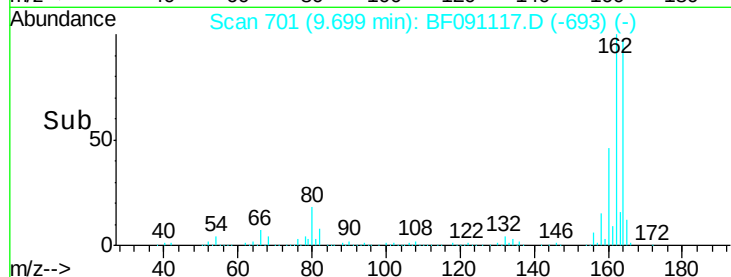
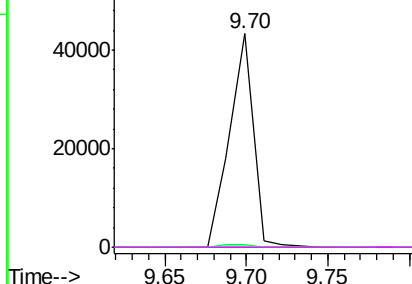
#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.21 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-4

Tgt Ion:165 Resp: 43455
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.7 58.1#
 89 0.9 50.6 76.0#
 182 0.0 1.8 2.8#

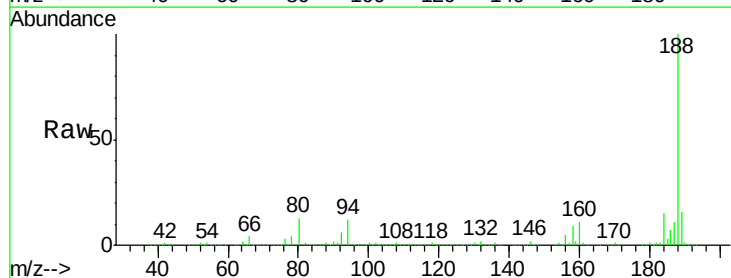


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

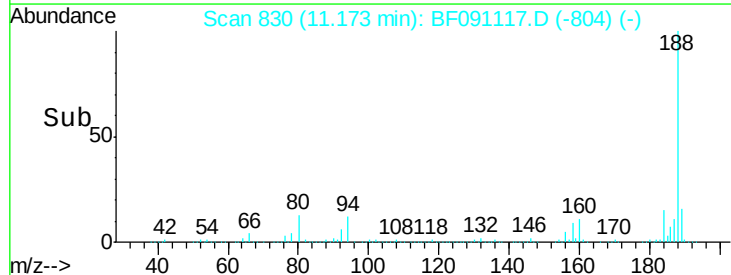
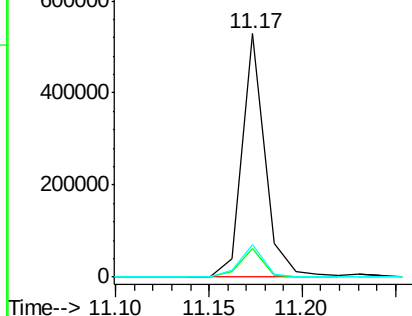


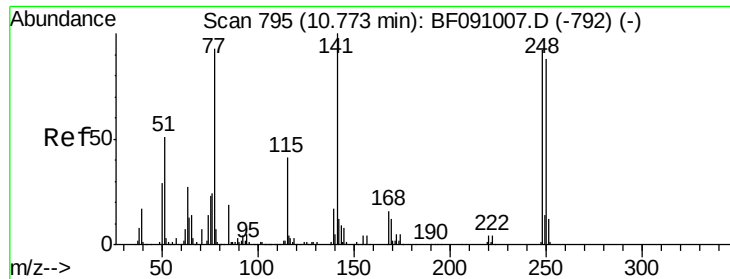
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Tgt Ion:188 Resp: 454365
 Ion Ratio Lower Upper
 188 100
 94 11.8 7.0 10.4#
 80 13.3 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

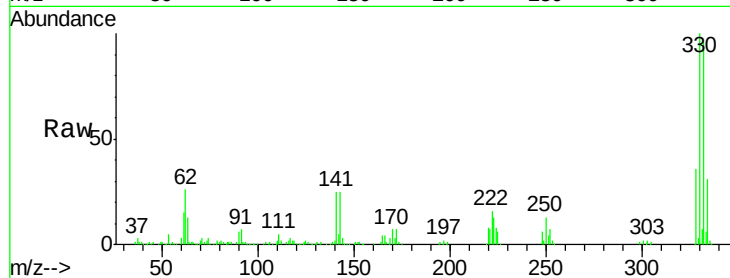




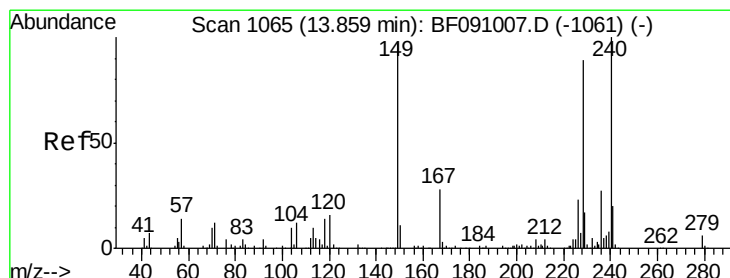
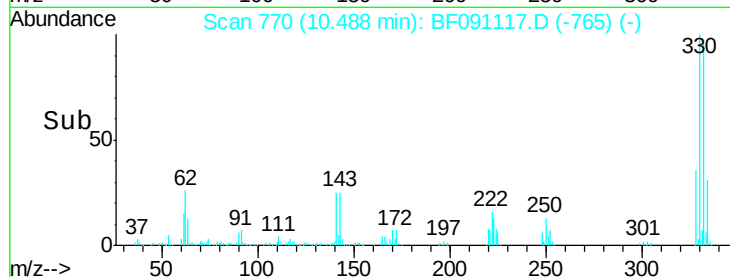
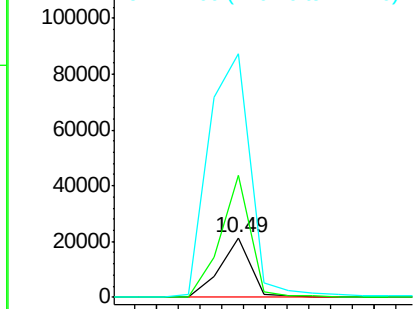
#66
 4-Bromophenyl-phenylether
 Concen: 4.35 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.24 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-4

Tgt Ion:248 Resp: 20549
 Ion Ratio Lower Upper
 248 100
 250 206.0 76.3 114.5#
 141 408.9 86.8 130.2#

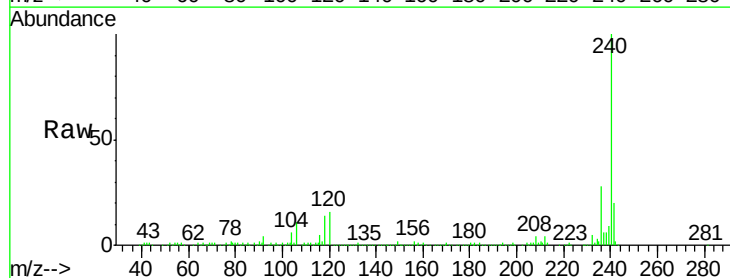


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

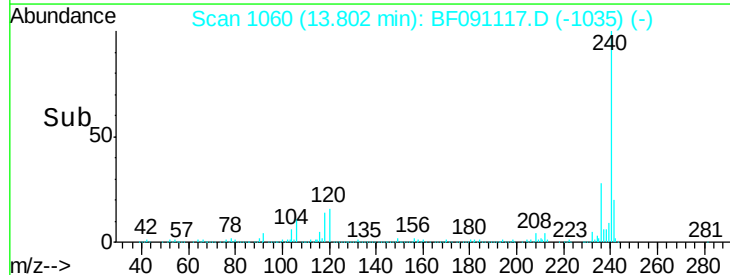
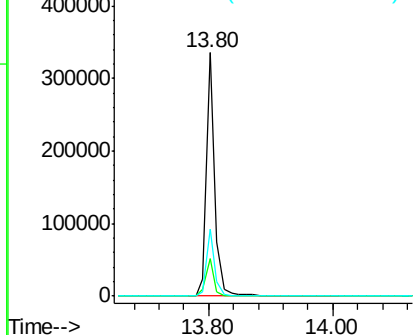


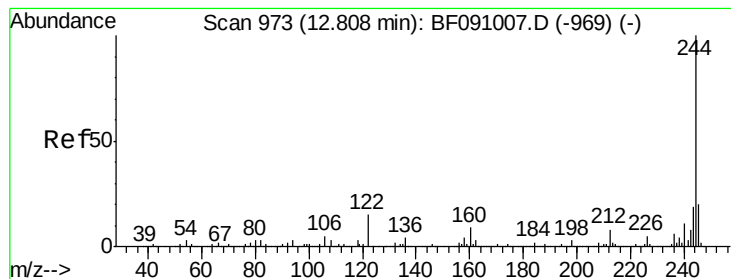
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Tgt Ion:240 Resp: 318401
 Ion Ratio Lower Upper
 240 100
 120 15.6 12.9 19.3
 236 27.5 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: 89.42 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091117.D

Acq: 9 Nov 2016 8:18

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-4

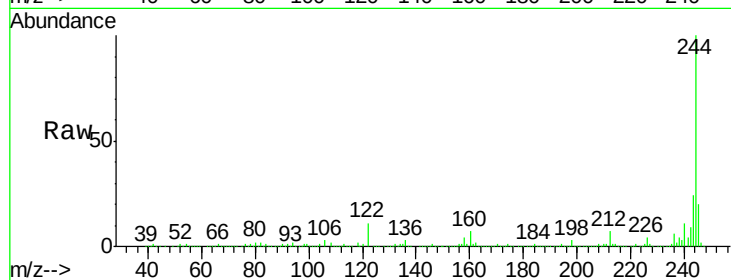
Tgt Ion:244 Resp: 1140921

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

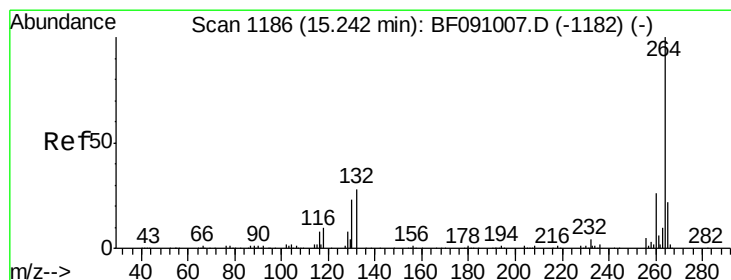
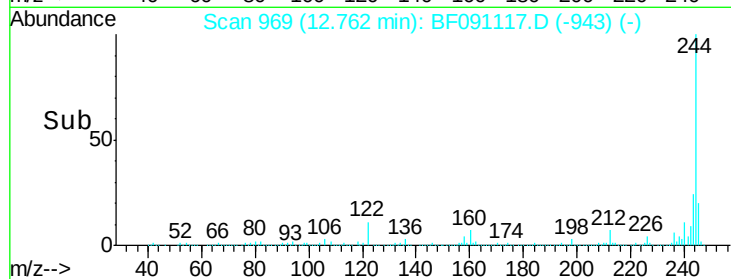
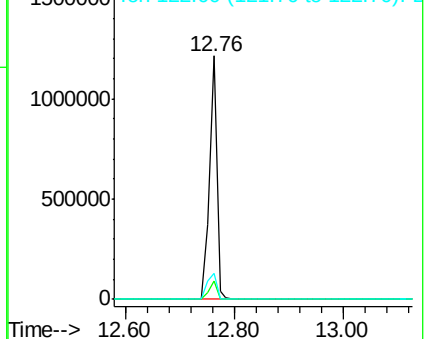
122 10.5 12.3 18.5#



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: BF091117.D

Acq: 9 Nov 2016 8:18

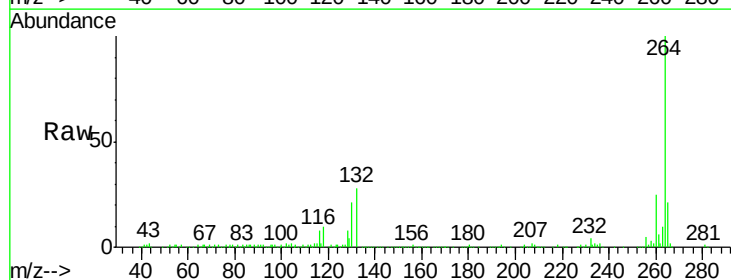
Tgt Ion:264 Resp: 286021

Ion Ratio Lower Upper

264 100

260 24.6 20.6 30.8

265 21.3 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

