

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 10:24:56 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

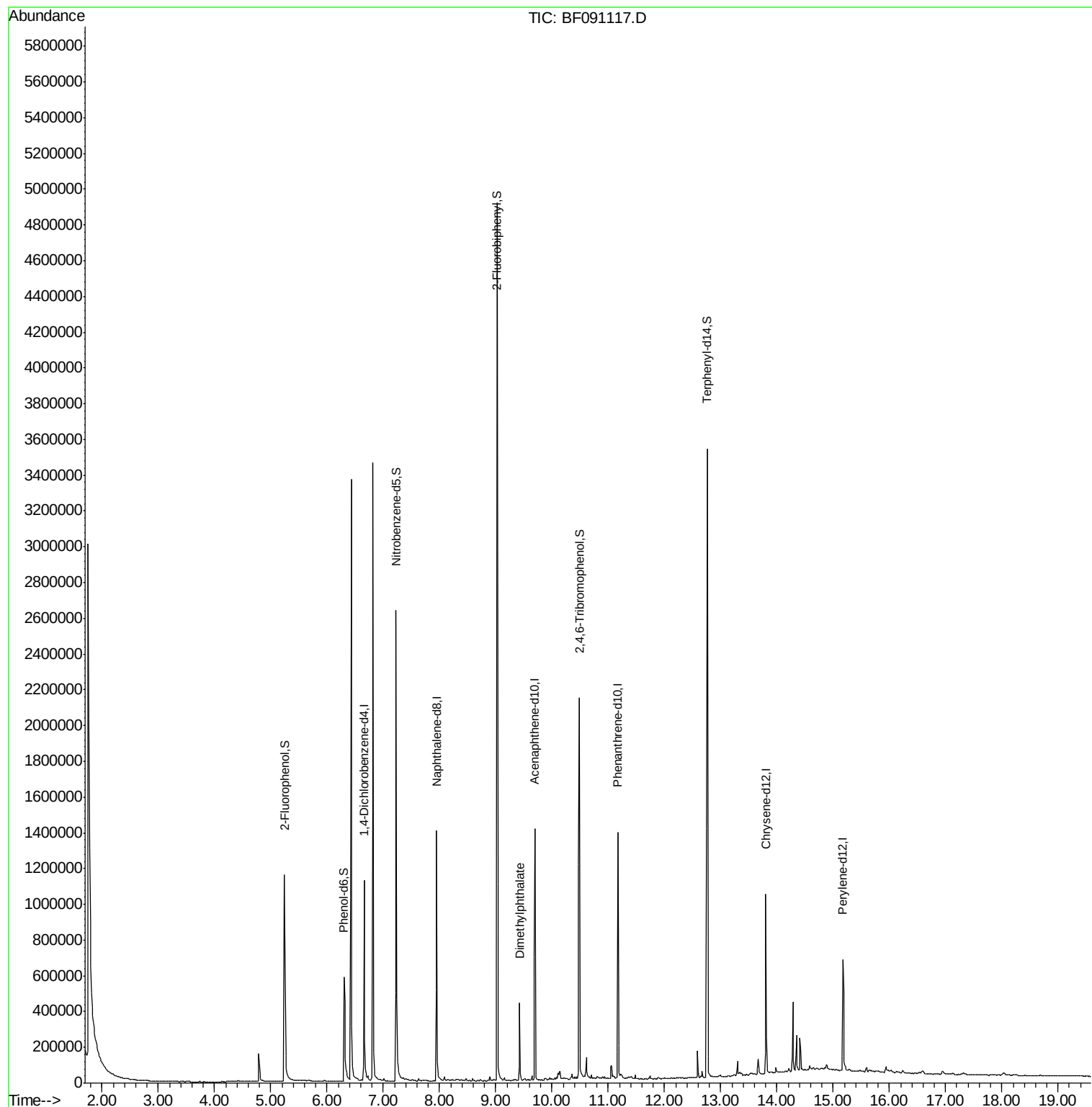
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	175272	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	721323	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	339147	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	454365	20.00	ng	0.00
75) Chrysene-d12	13.80	240	318401	20.00	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						
49) Dimethylphthalate	9.42	163	166074	7.47	ng	Qvalue 98

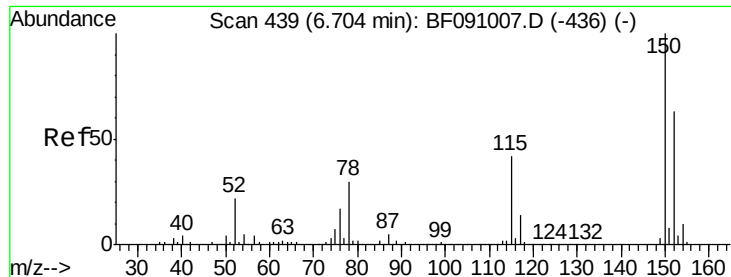
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

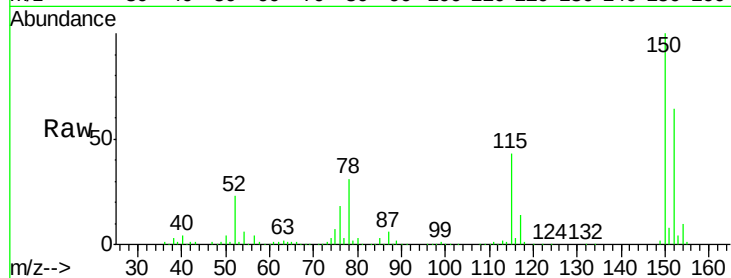
Tot Ion:152 Resp: 175272

Ion Ratio Lower Upper

152 100

150 157.1 126.8 190.2

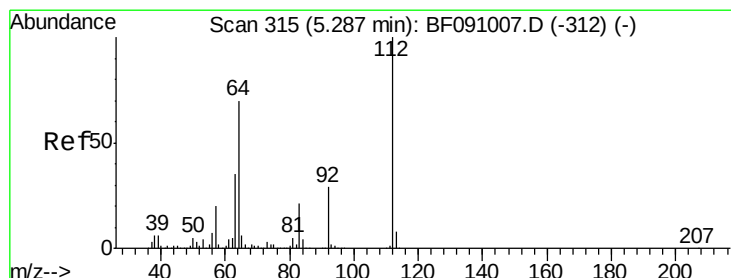
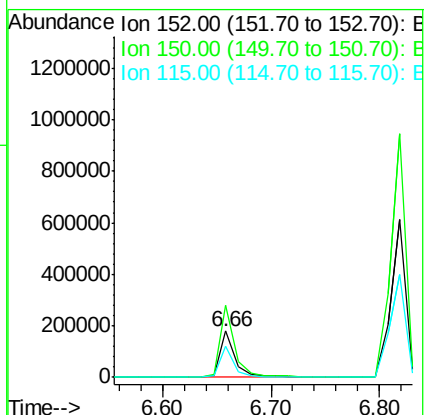
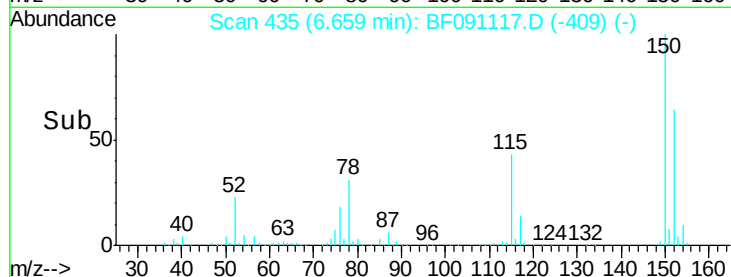
115 67.4 53.3 79.9



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

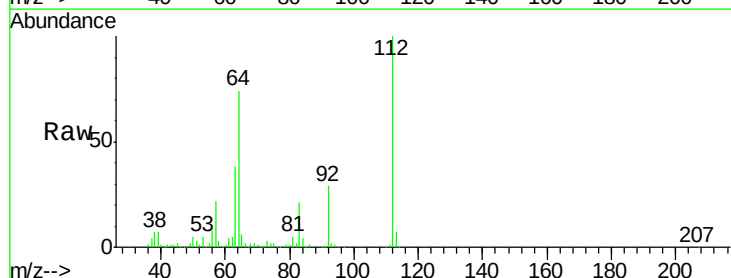
Tgt Ion:112 Resp: 419745

Ion Ratio Lower Upper

112 100

64 74.4 55.8 83.6

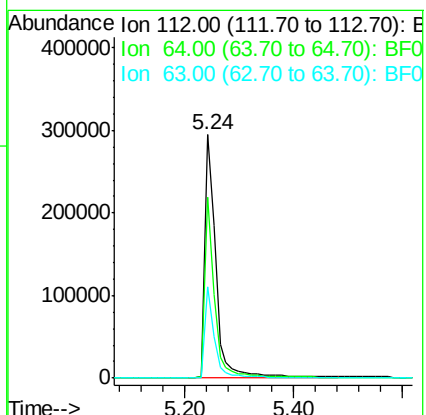
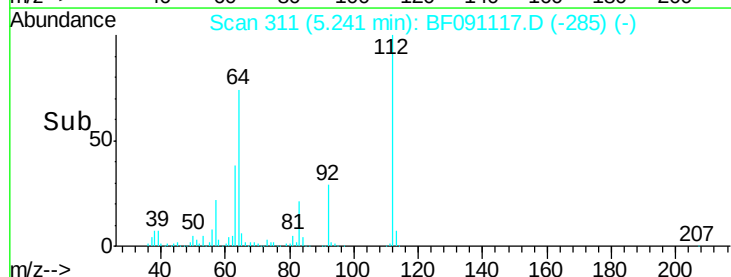
63 37.6 28.0 42.0

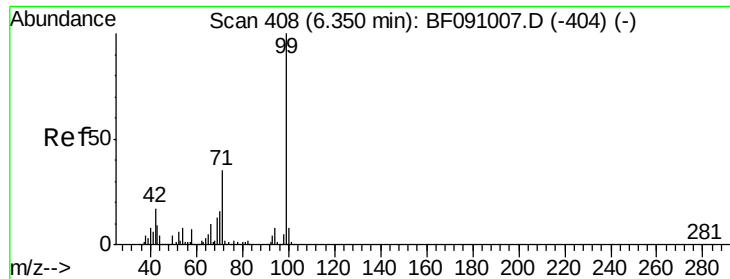


Abundance Ion 112.00 (111.70 to 112.70): E

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

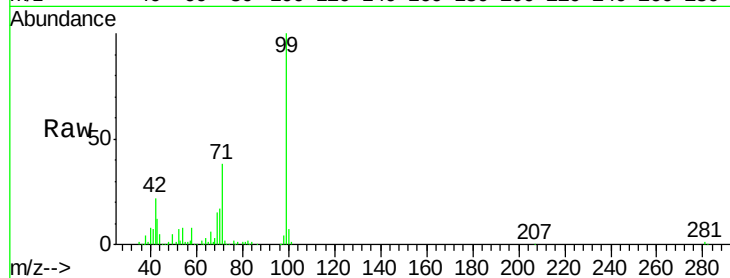
Tot Ion: 99 Resp: 334428

Ion Ratio Lower Upper

99 100

42 21.9 13.9 20.9#

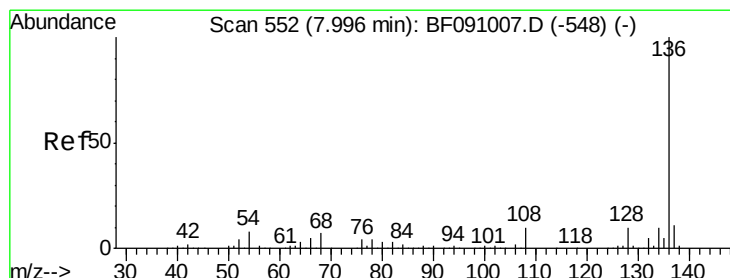
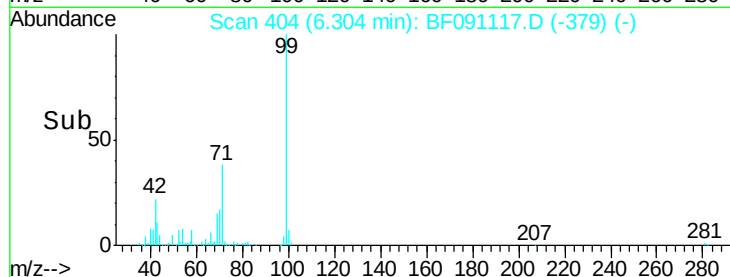
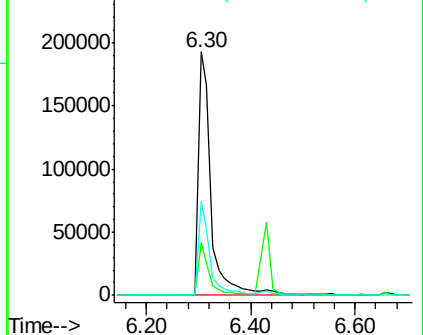
71 38.4 27.8 41.8



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



#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

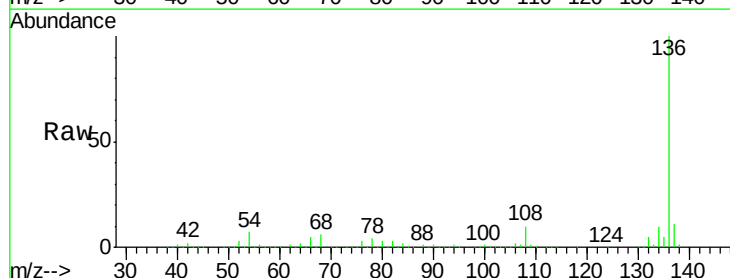
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.2 9.2

68 6.1 5.5 8.3

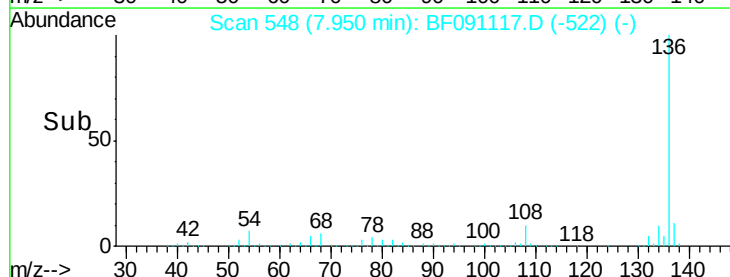
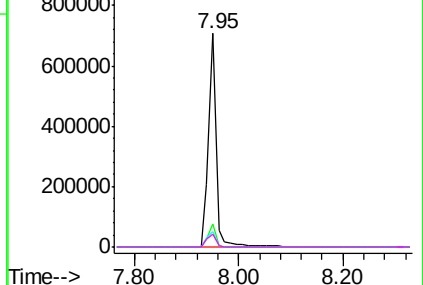


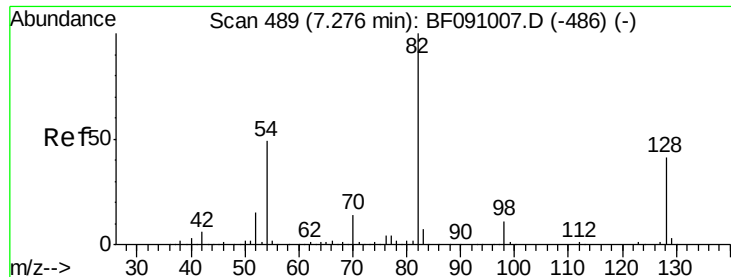
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

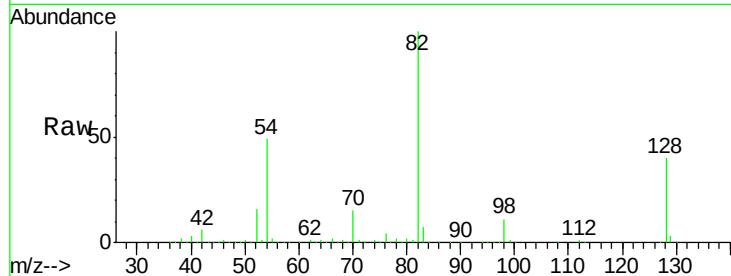




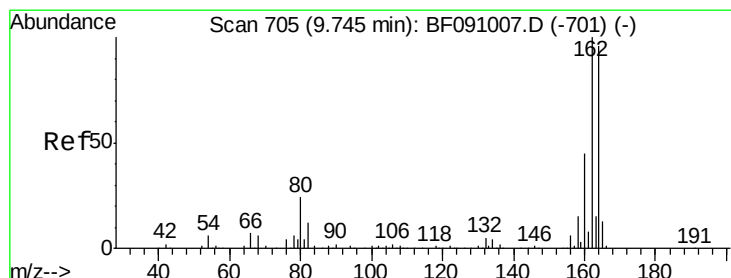
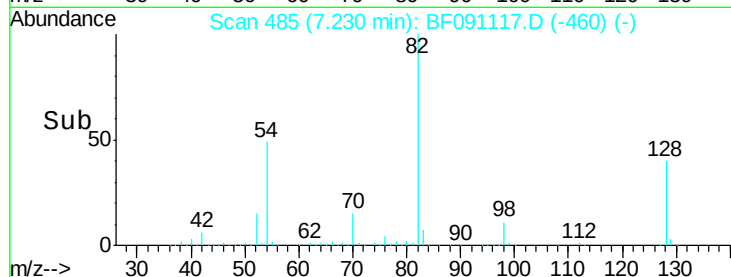
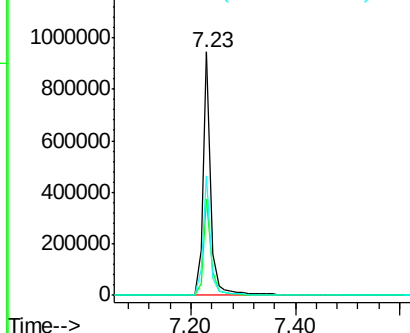
#23
 Nitrobenzene-d5
 Concen: 75.02 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-4

Tot Ion: 82 Resp: 991970
 Ion Ratio Lower Upper
 82 100
 128 39.8 32.4 48.6
 54 49.2 39.2 58.8

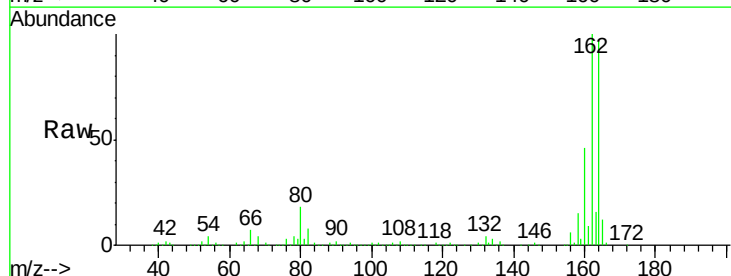


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

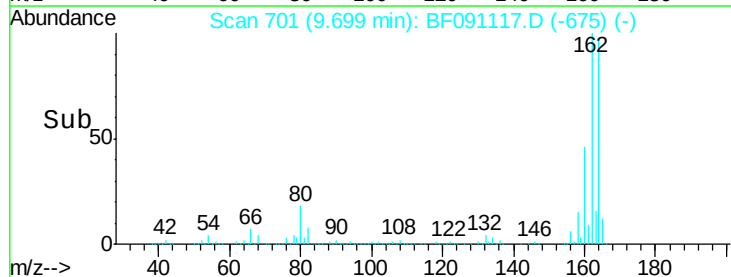
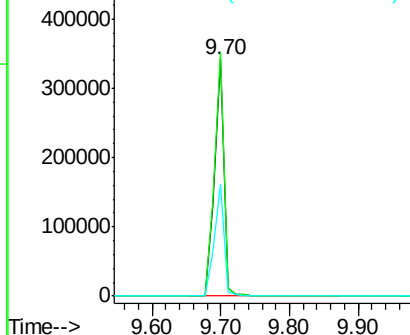


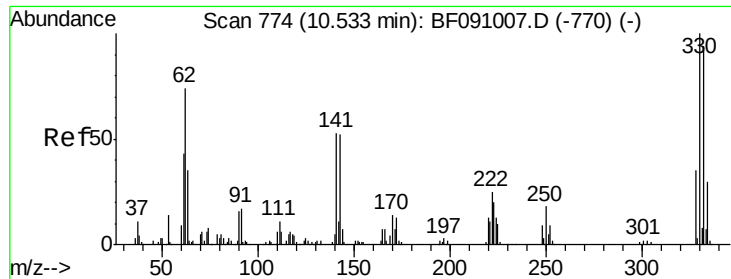
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

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

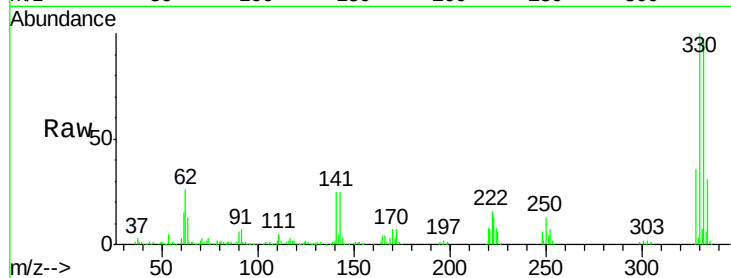




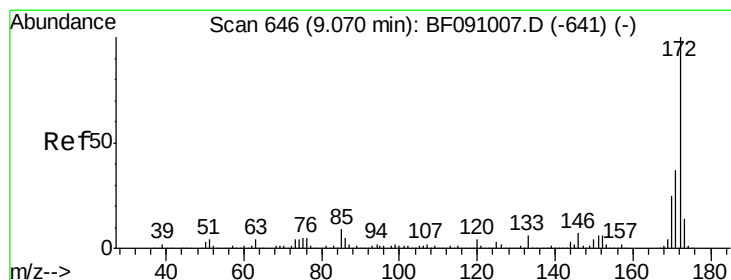
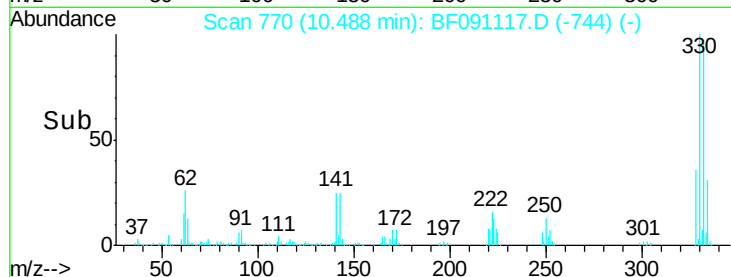
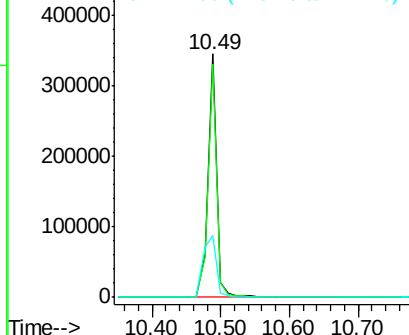
#41
 2,4,6-Tribromophenol
 Concen: 99.47 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-4

Tot Ion:330 Resp: 304995
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 38.8 36.1 54.1

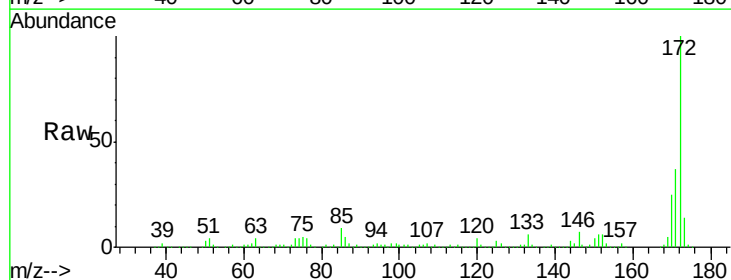


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

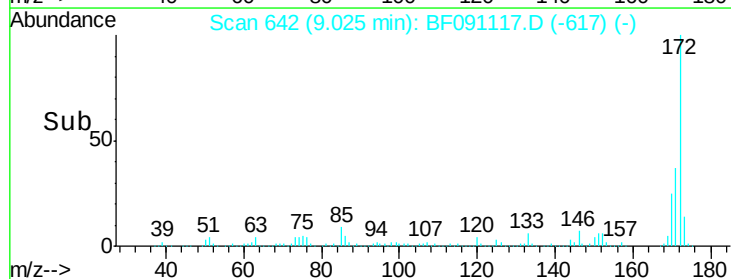
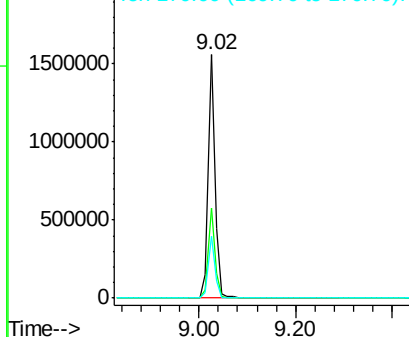


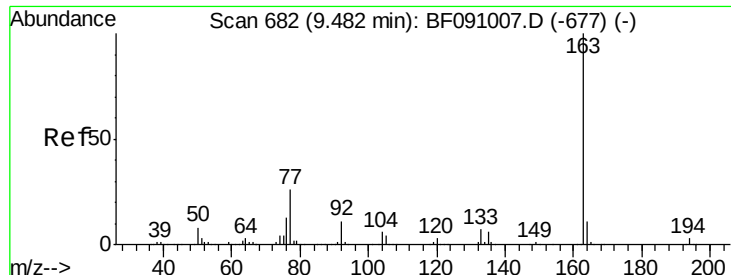
#44
 2-Fluorobiphenyl
 Concen: 78.03 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

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

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-4

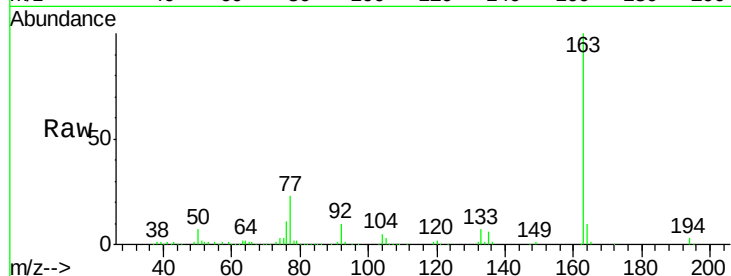
Tot Ion:163 Resp: 166074

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

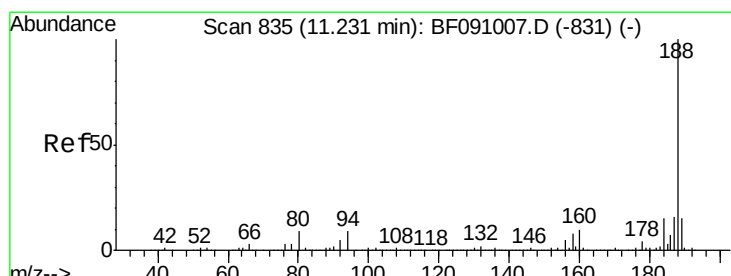
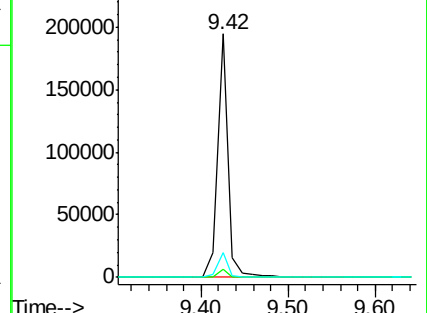
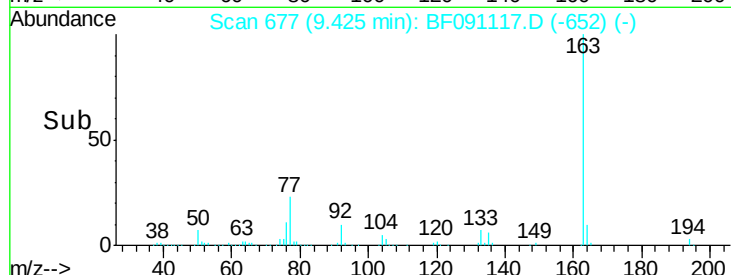
164 10.2 8.7 13.1



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



#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

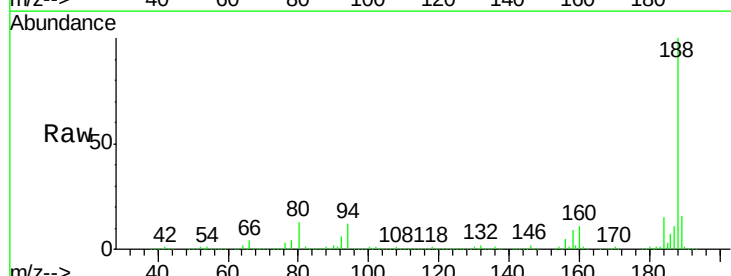
Tgt Ion:188 Resp: 454365

Ion Ratio Lower Upper

188 100

94 11.8 7.0 10.4#

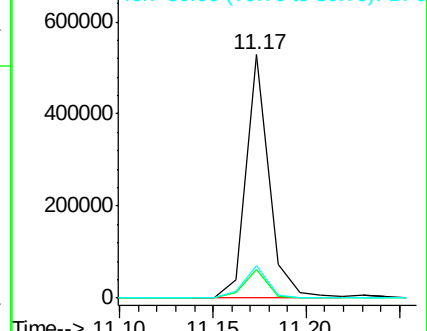
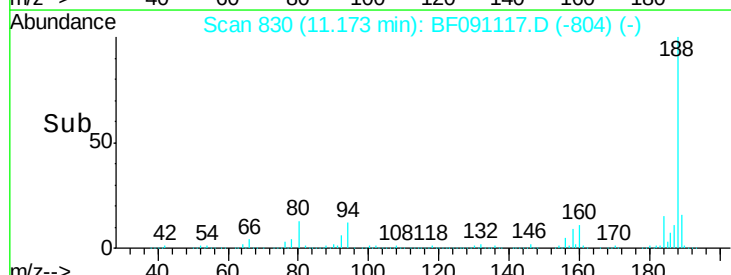
80 13.3 7.5 11.3#

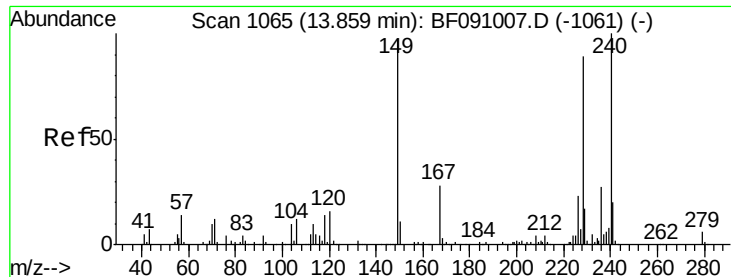


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-4

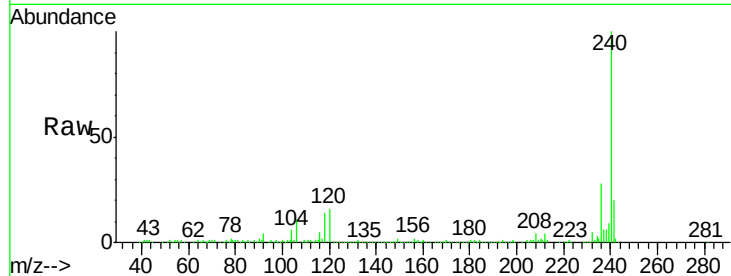
Tot Ion:240 Resp: 318401

Ion Ratio Lower Upper

240 100

120 15.6 12.9 19.3

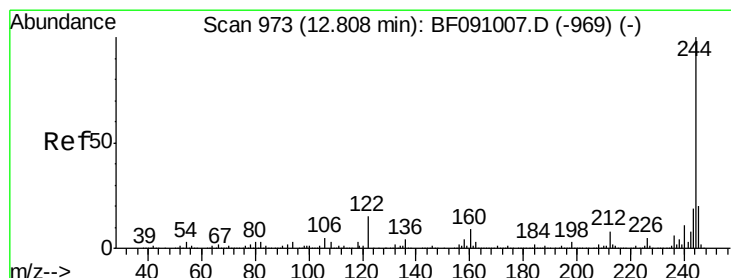
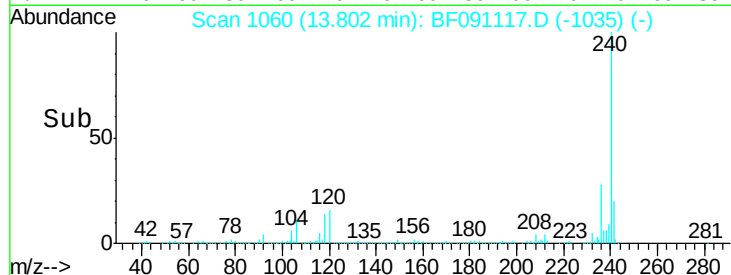
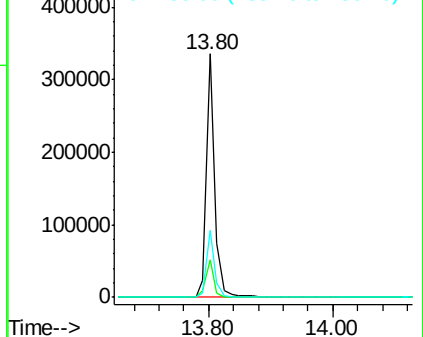
236 27.5 21.9 32.9



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

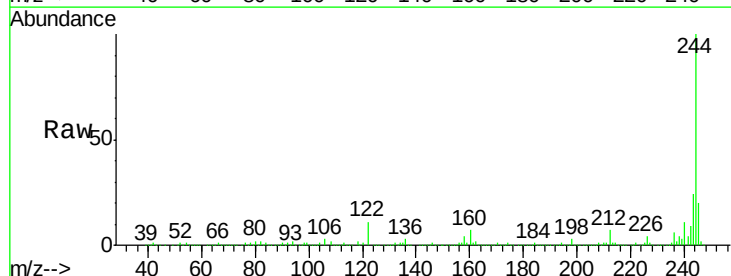
Tgt Ion:244 Resp: 1140921

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

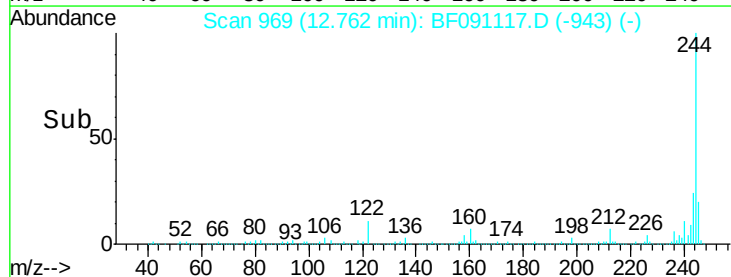
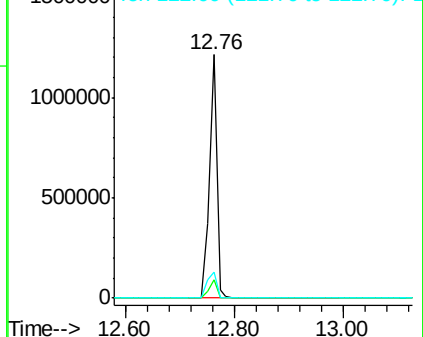
122 10.5 12.3 18.5#

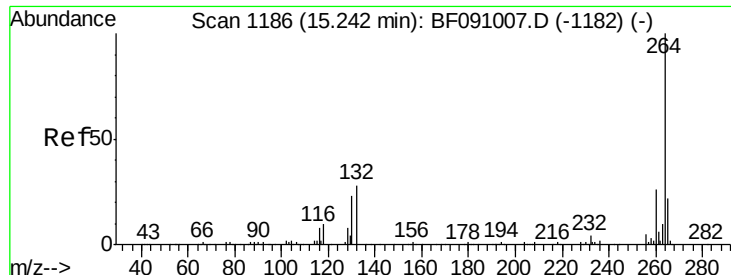


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

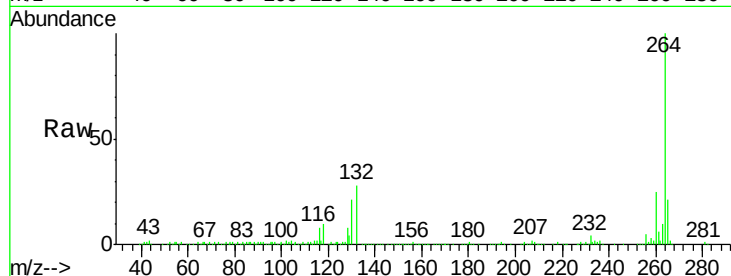




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF091117.D
 Acq: 9 Nov 2016 8:18

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-4

Tot 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

