

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091121.D
 Acq On : 9 Nov 2016 10:07
 Operator : UM/SJ
 Sample : H5547-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-8

Quant Time: Nov 09 10:37:36 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

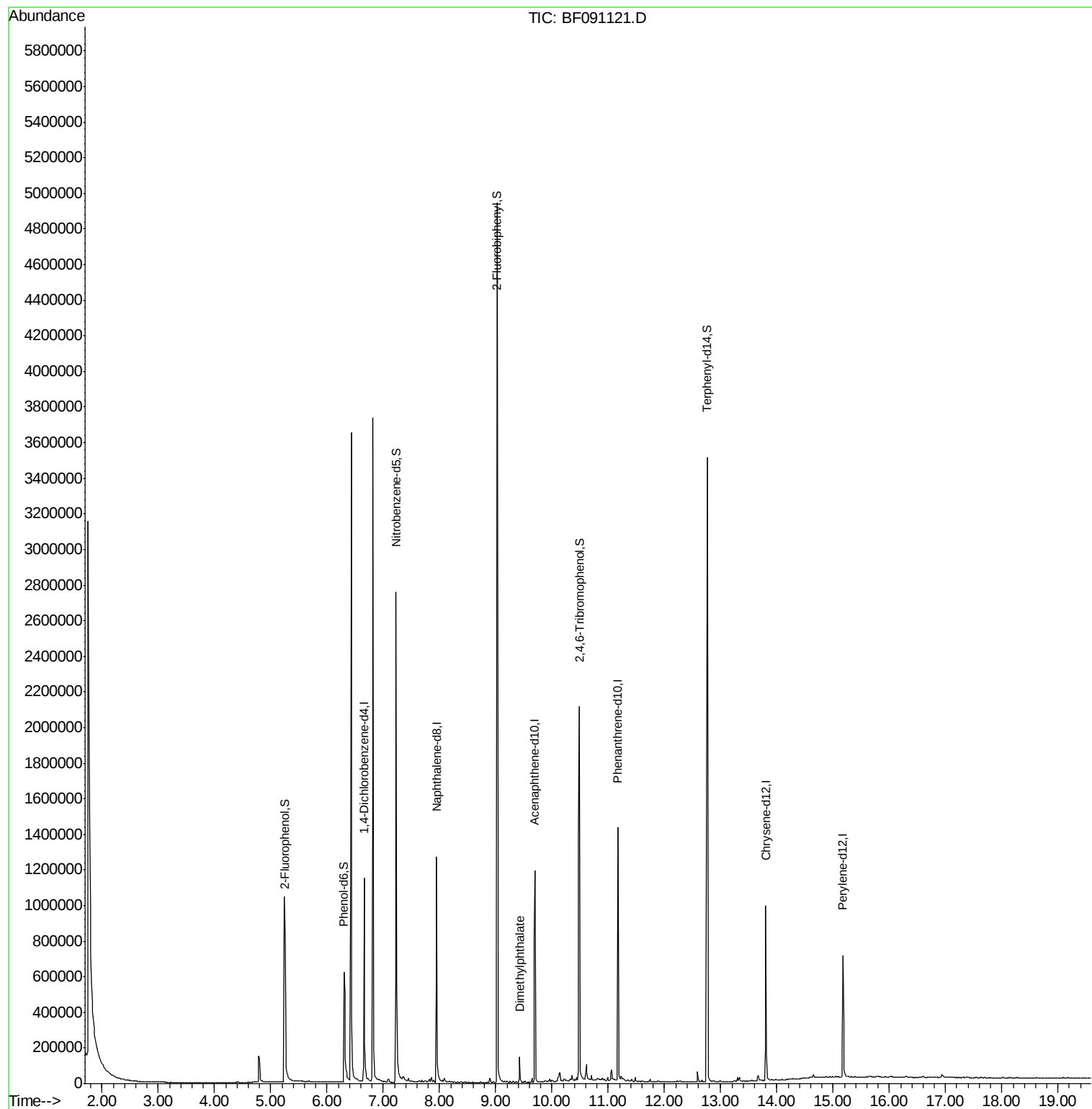
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177319	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	709339	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	324987	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	459920	20.00	ng	0.00
75) Chrysene-d12	13.80	240	328480	20.00	ng	-0.01
86) Perylene-d12	15.17	264	283643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	459013	42.75	ng	0.01
7) Phenol-d6	6.30	99	363920	24.97	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1051958	80.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	323107	109.97	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1649583	87.39	ng	-0.01
78) Terphenyl-d14	12.76	244	1176089	89.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	57493	2.70	ng	97

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

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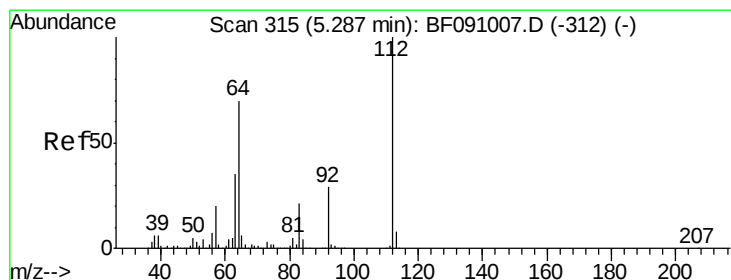
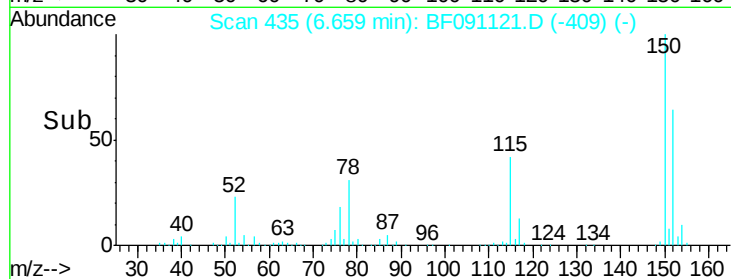
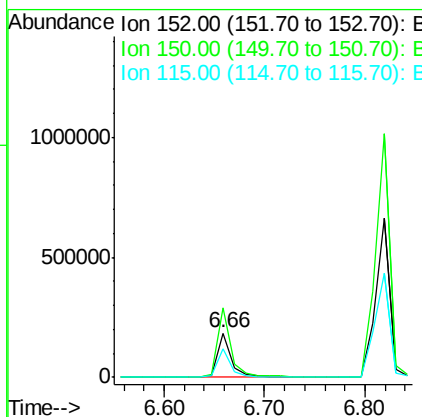
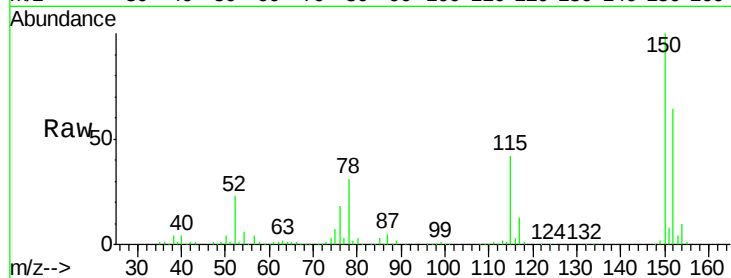


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-8

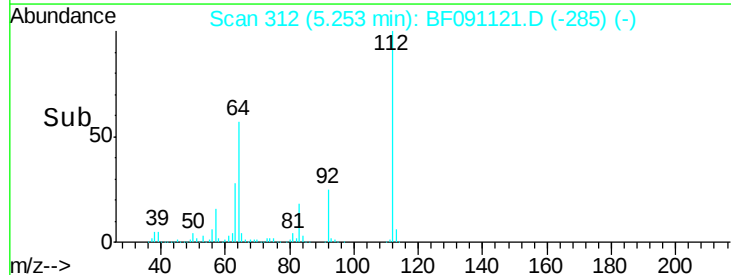
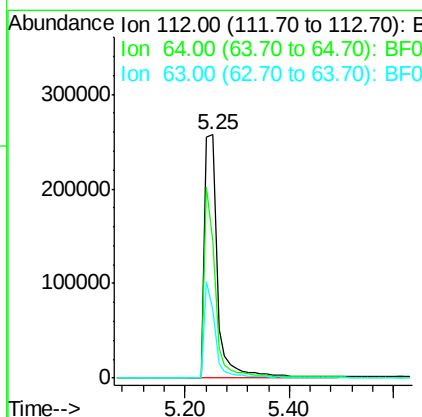
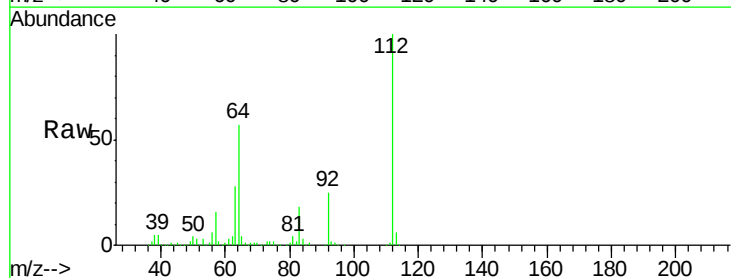
Tot Ion:152 Resp: 177319
Ion Ratio Lower Upper
152 100
150 157.1 126.8 190.2
115 65.6 53.3 79.9



#5

2-Fluorophenol
Concen: 42.75 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Tgt Ion:112 Resp: 459013
Ion Ratio Lower Upper
112 100
64 56.5 55.8 83.6
63 28.3 28.0 42.0





#7

Phenol-d6

Concen: 24.97 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091121.D

Acq: 9 Nov 2016 10:07

Instrument :

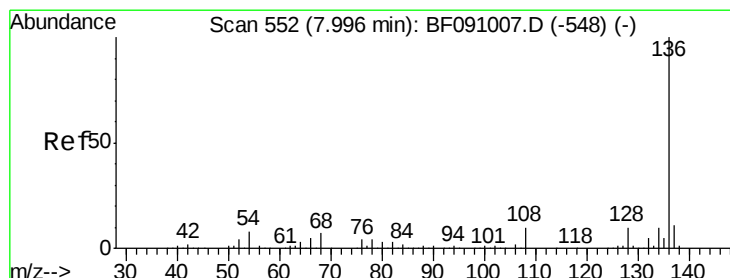
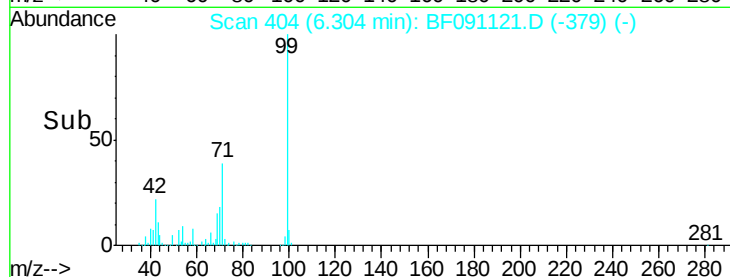
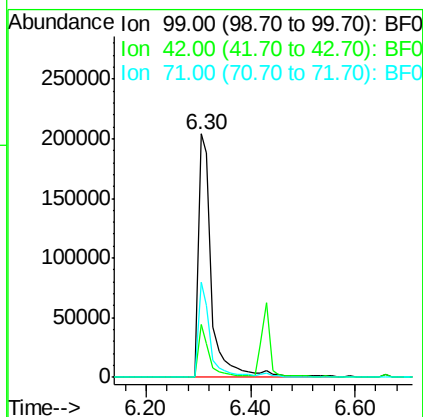
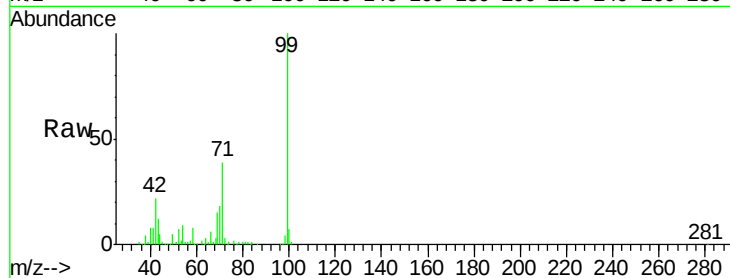
BNA_F

ClientSampleId :

WATER-QUALITYDRY-8

Tot Ion: 99 Resp: 363920

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.9	20.9#
71	39.3	27.8	41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

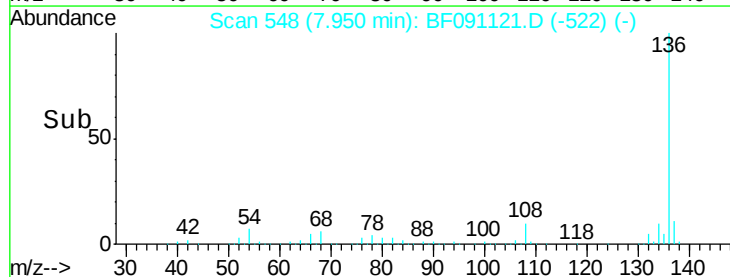
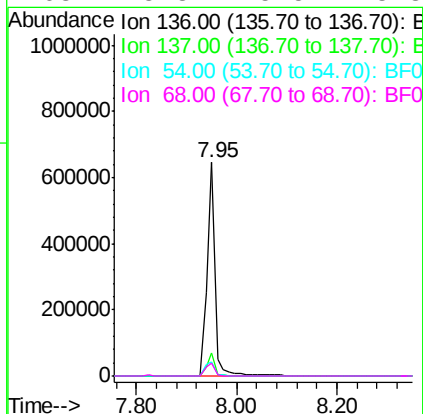
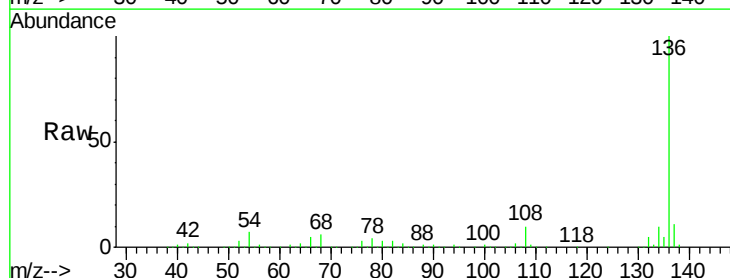
Delta R.T. 0.00 min

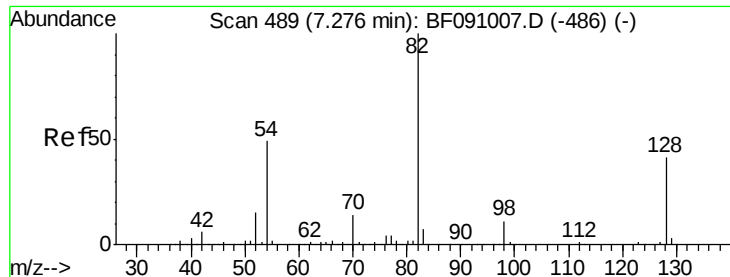
Lab File: BF091121.D

Acq: 9 Nov 2016 10:07

Tgt Ion: 136 Resp: 709339

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.2	9.2
68	5.8	5.5	8.3

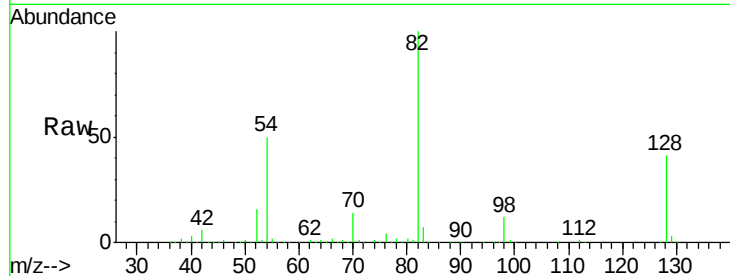




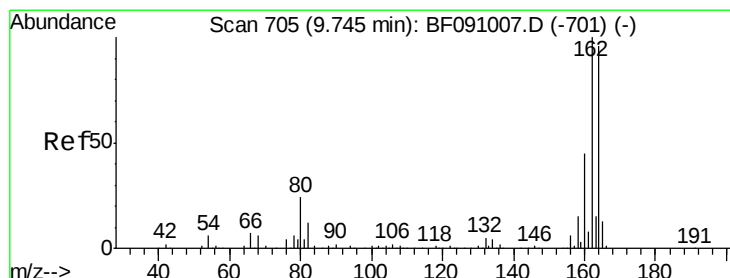
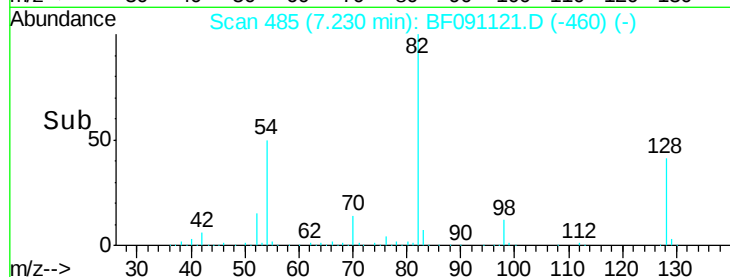
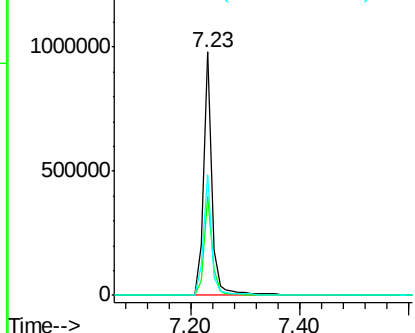
#23
Nitrobenzene-d5
Concen: 80.90 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-8

Tot Ion: 82 Resp: 1051958
Ion Ratio Lower Upper
82 100
128 40.7 32.4 48.6
54 49.8 39.2 58.8

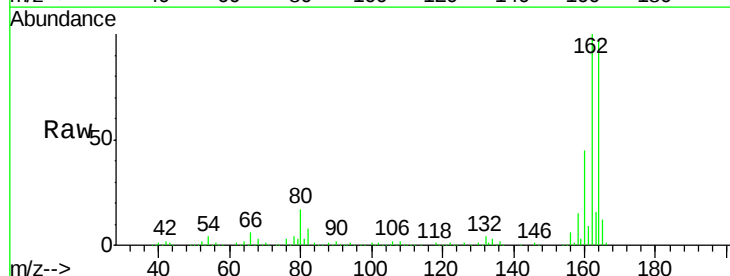


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

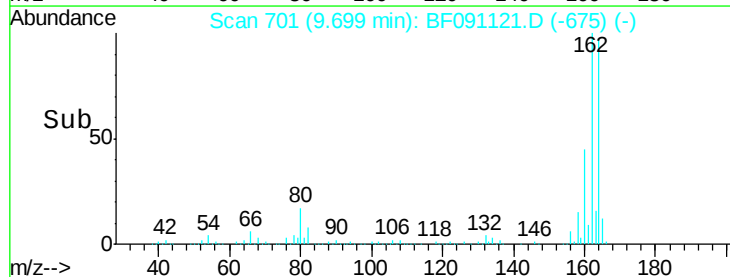
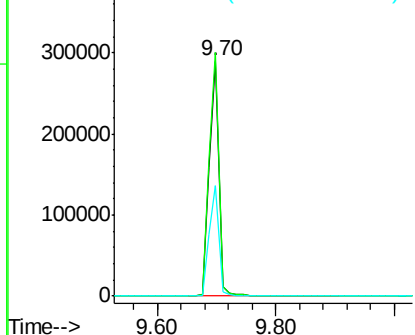


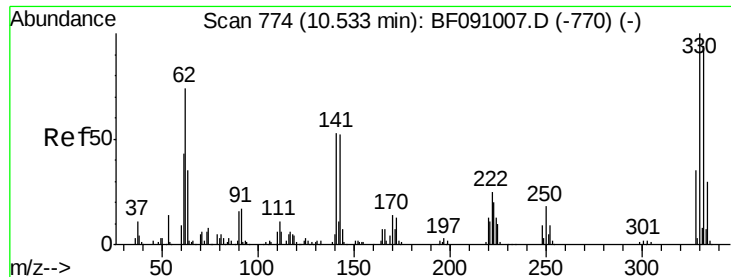
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Tgt Ion:164 Resp: 324987
Ion Ratio Lower Upper
164 100
162 103.5 83.6 125.4
160 47.0 37.9 56.9



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

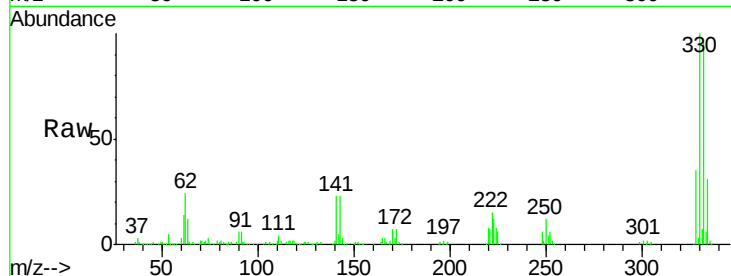




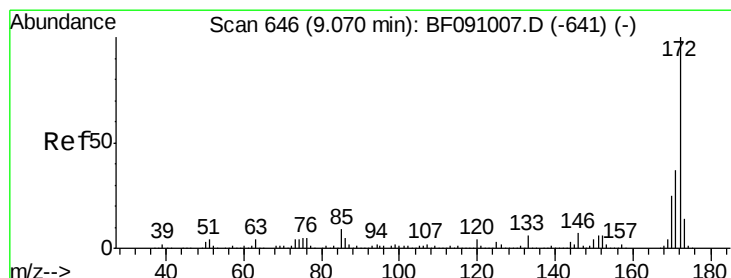
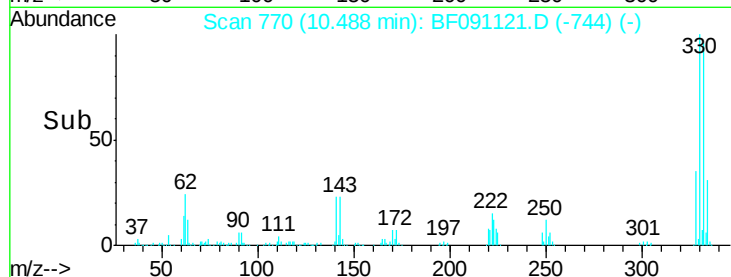
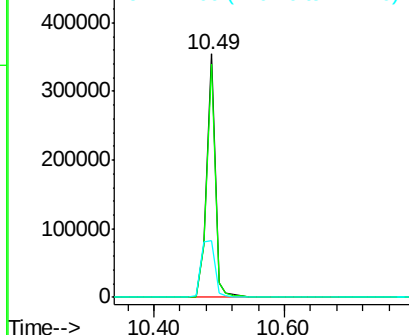
#41
 2,4,6-Tribromophenol
 Concen: 109.97 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091121.D
 Acq: 9 Nov 2016 10:07

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-8

Tot Ion:330 Resp: 323107
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 38.0 36.1 54.1

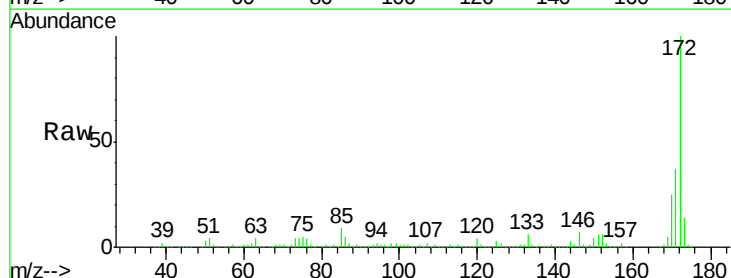


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

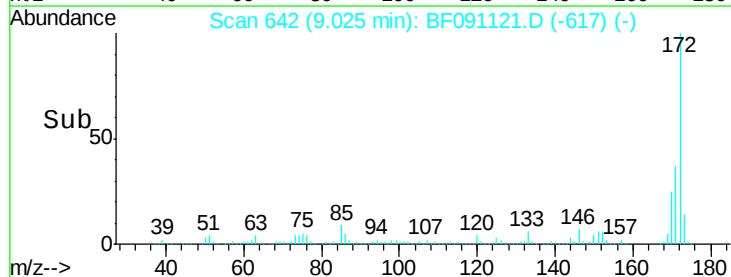
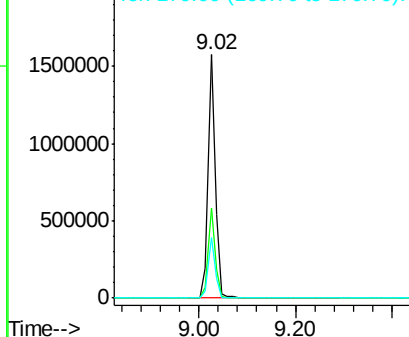


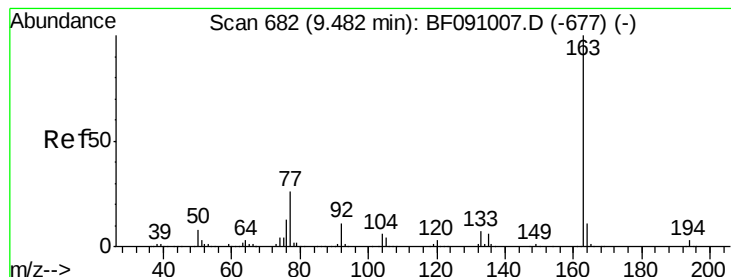
#44
 2-Fluorobiphenyl
 Concen: 87.39 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091121.D
 Acq: 9 Nov 2016 10:07

Tgt Ion:172 Resp: 1649583
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.0 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: 2.70 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091121.D

Acq: 9 Nov 2016 10:07

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-8

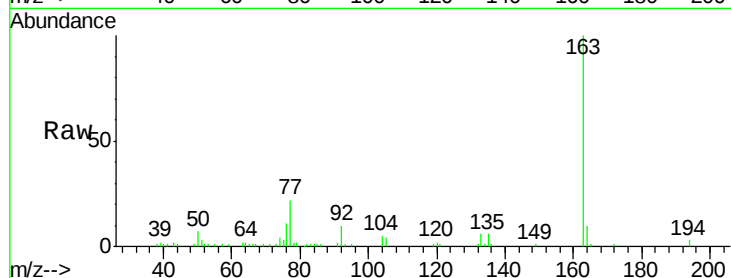
Tot Ion:163 Resp: 57493

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

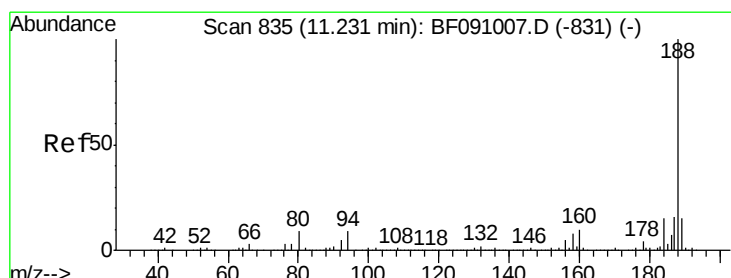
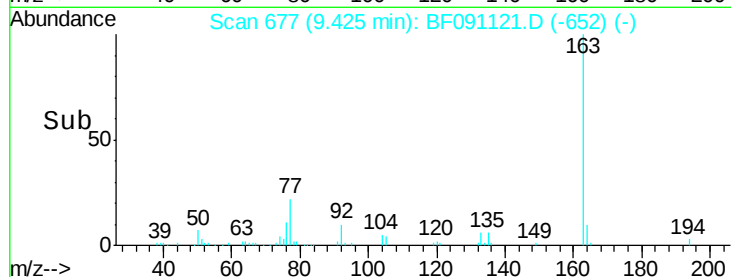
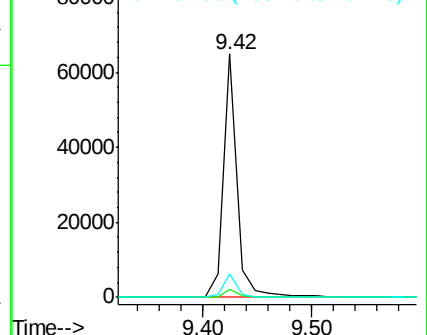
164 9.5 8.7 13.1



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: BF091121.D

Acq: 9 Nov 2016 10:07

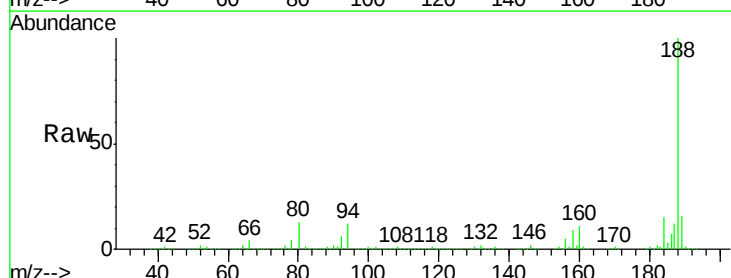
Tgt Ion:188 Resp: 459920

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.4#

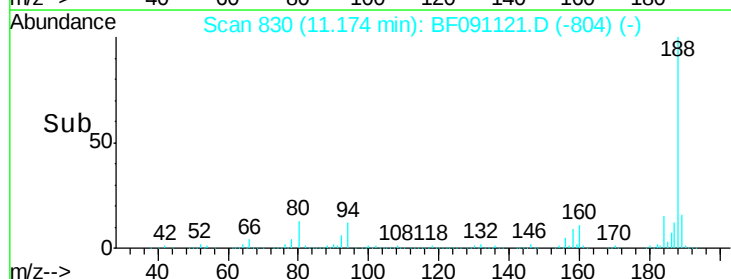
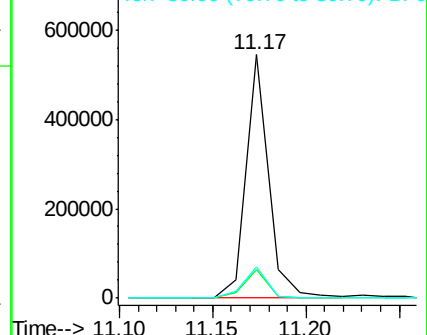
80 12.8 7.5 11.3#

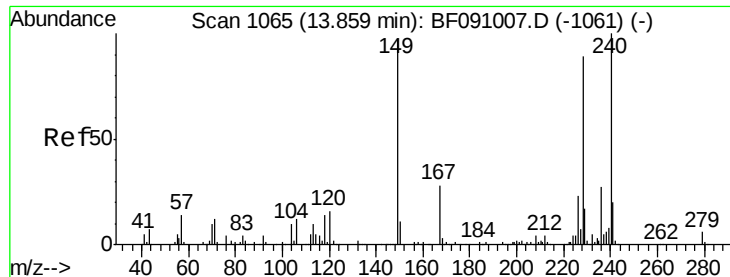


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091121.D

Acq: 9 Nov 2016 10:07

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-8

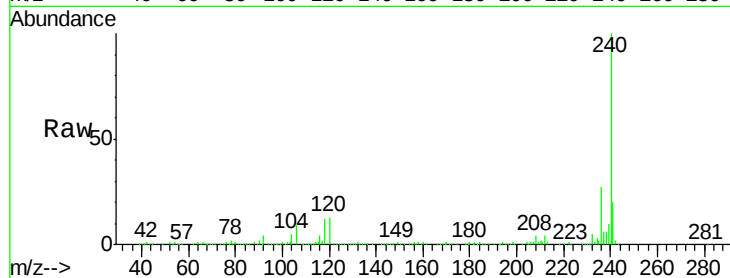
Tot Ion:240 Resp: 328480

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

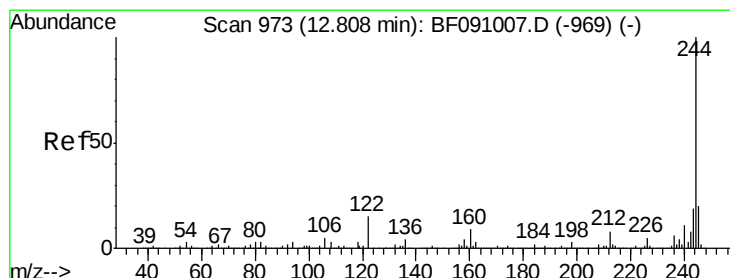
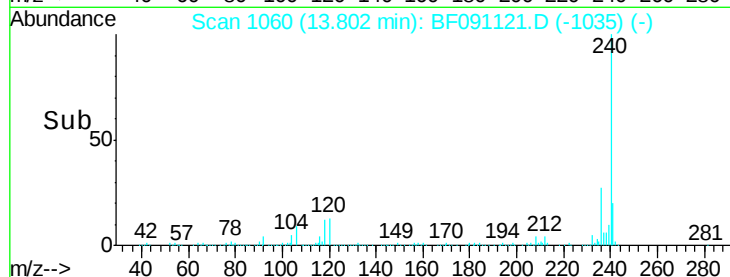
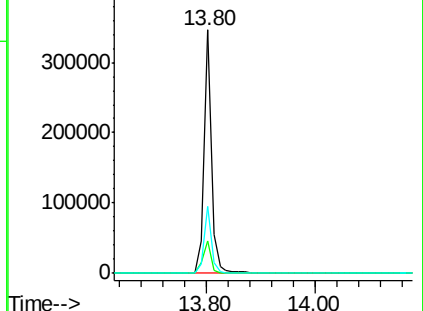
236 27.4 21.9 32.9



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: 89.35 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091121.D

Acq: 9 Nov 2016 10:07

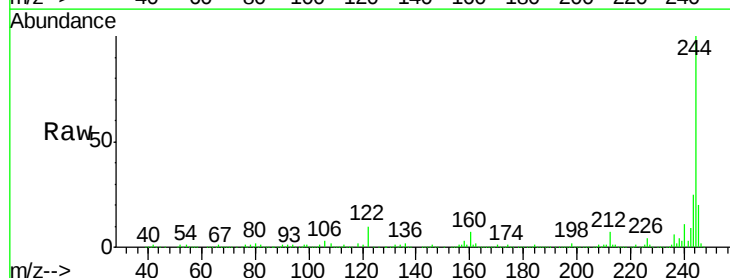
Tgt Ion:244 Resp: 1176089

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

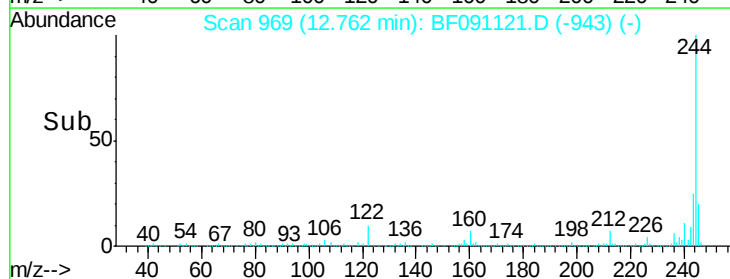
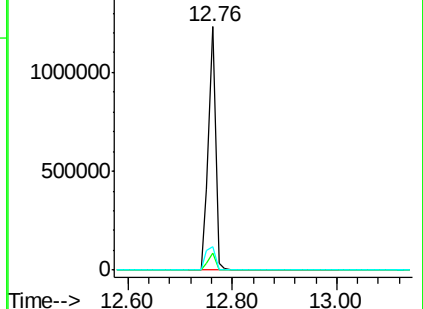
122 9.6 12.3 18.5#

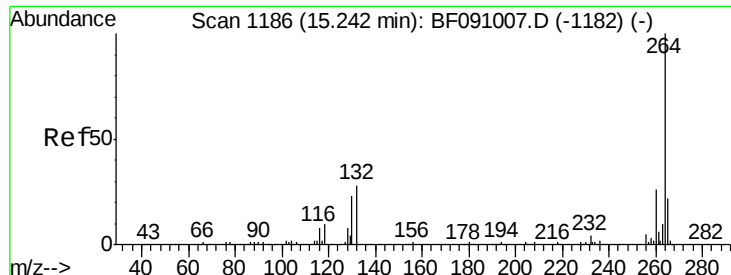


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

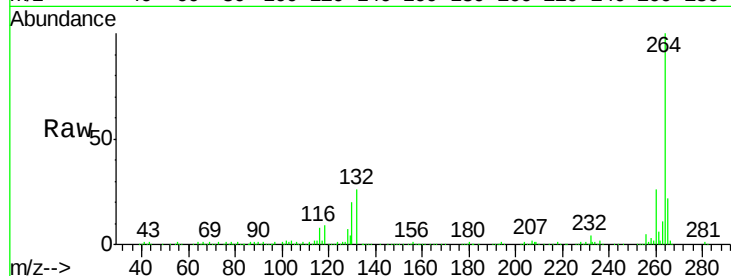




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091121.D
Acq: 9 Nov 2016 10:07

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-8

Tot Ion:264 Resp: 283643
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 22.0 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

