

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091220.D
 Acq On : 17 Nov 2016 18:53
 Operator : UM/SJ
 Sample : H5674-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Quant Time: Nov 18 03:44:47 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	6.61	152	182312	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	782813	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	411001	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	711893	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	485669	20.00	ng	-0.05
86) Perylene-d12	15.14	264	328245	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	684233	61.98	ng	-0.05
7) Phenol-d6	6.27	99	594159	39.65	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1276040	88.92	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	546767	147.15	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1952092	81.77	ng	-0.05
78) Terphenyl-d14	12.73	244	1827888	93.92	ng	-0.03

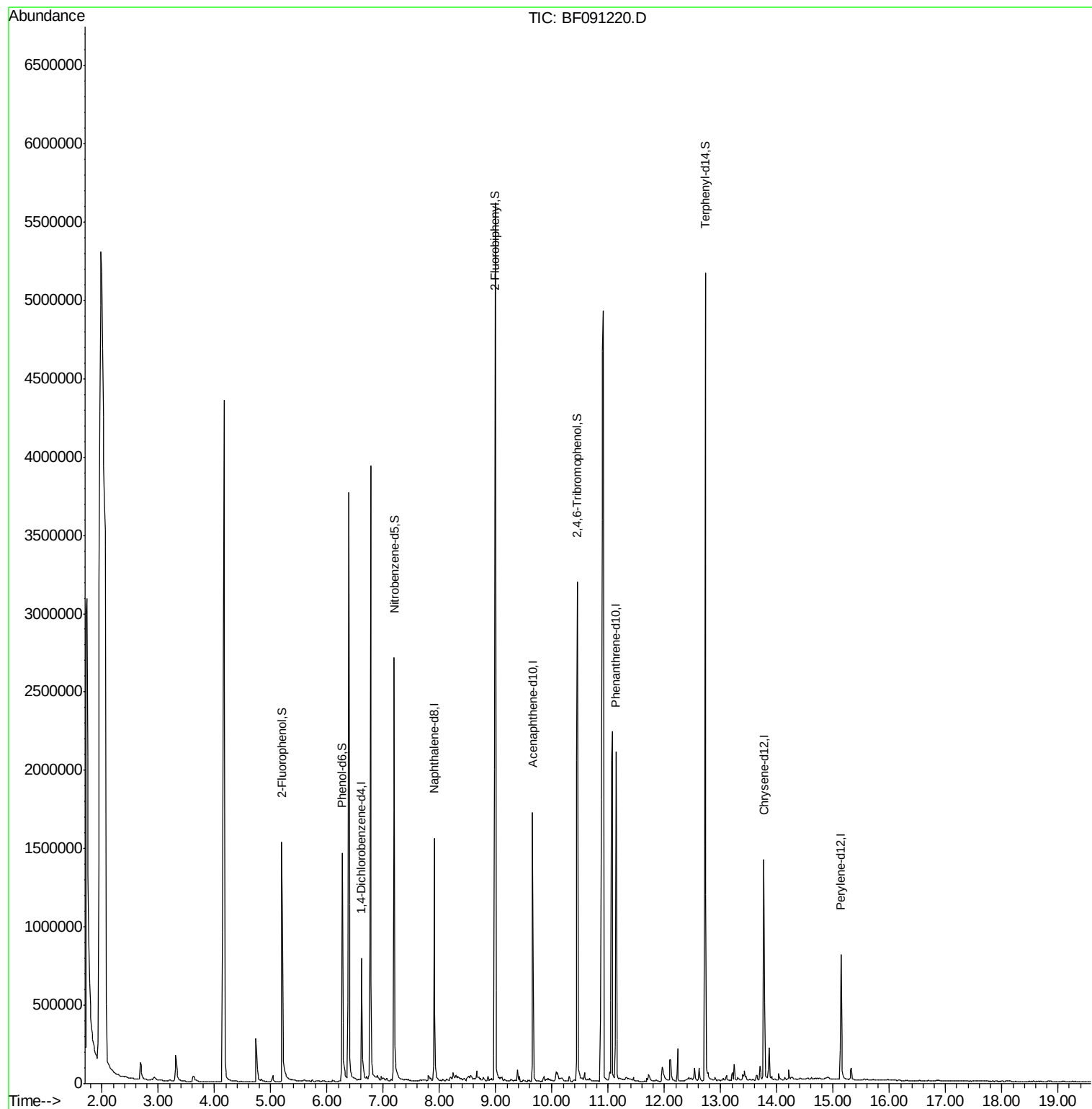
Target Compounds Qvalue

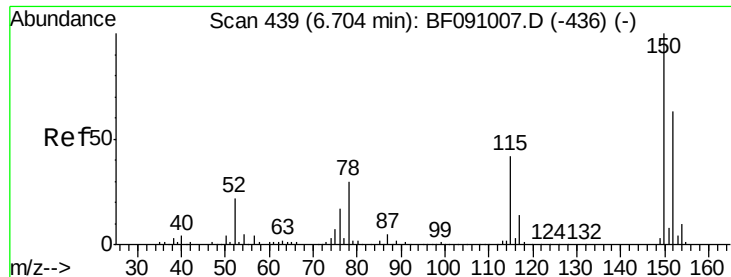
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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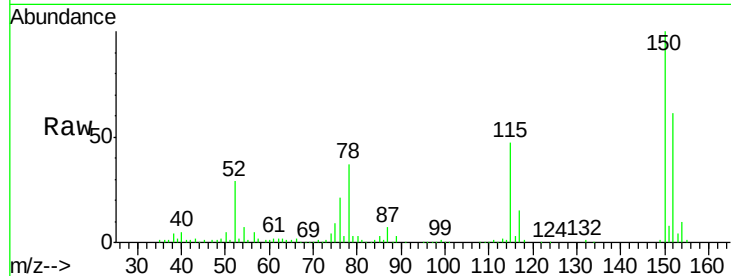


#1

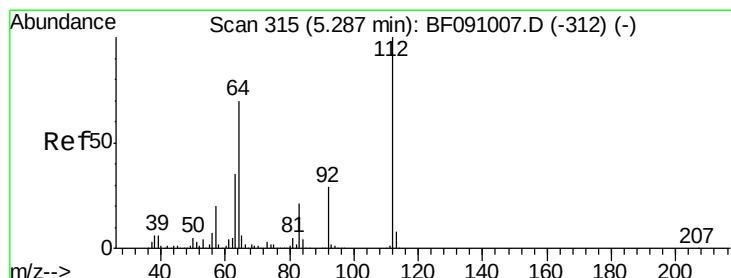
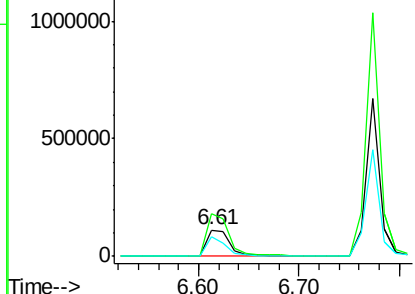
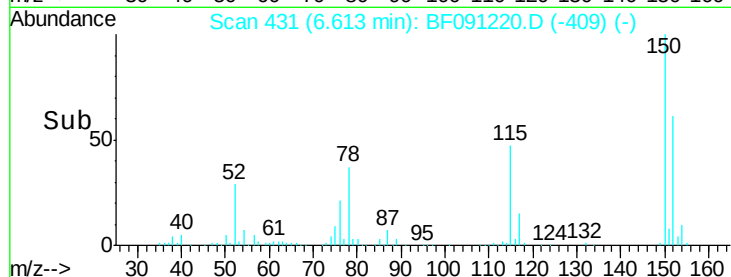
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091220.D
Acq: 17 Nov 2016 18:53

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tot Ion:152 Resp: 182312
Ion Ratio Lower Upper
152 100
150 162.8 126.8 190.2
115 76.5 53.3 79.9



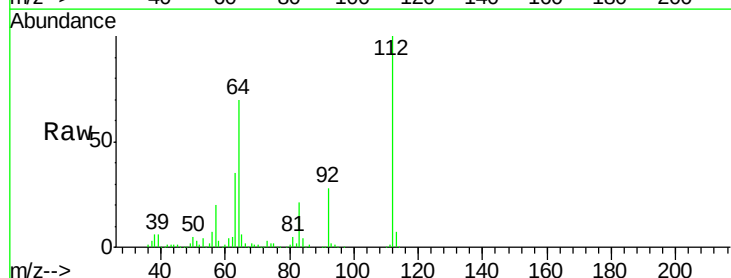
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



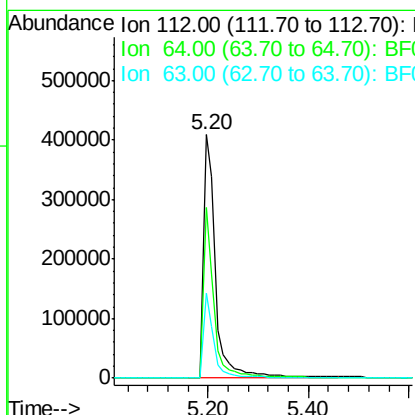
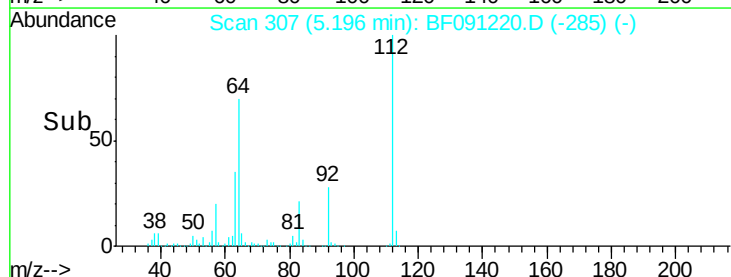
#5

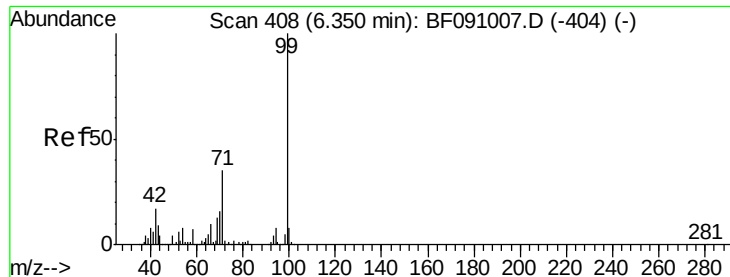
2-Fluorophenol
Concen: 61.98 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.05 min
Lab File: BF091220.D
Acq: 17 Nov 2016 18:53

Tgt Ion:112 Resp: 684233
Ion Ratio Lower Upper
112 100
64 70.0 55.8 83.6
63 35.1 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: 39.65 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091220.D

Acq: 17 Nov 2016 18:53

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

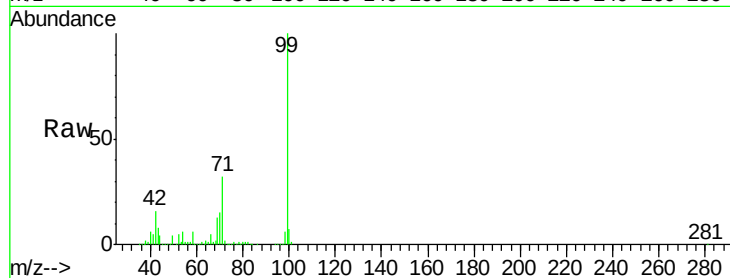
Tot Ion: 99 Resp: 594159

Ion Ratio Lower Upper

99 100

42 15.5 13.9 20.9

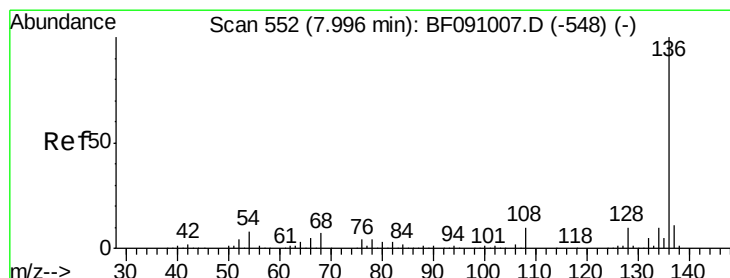
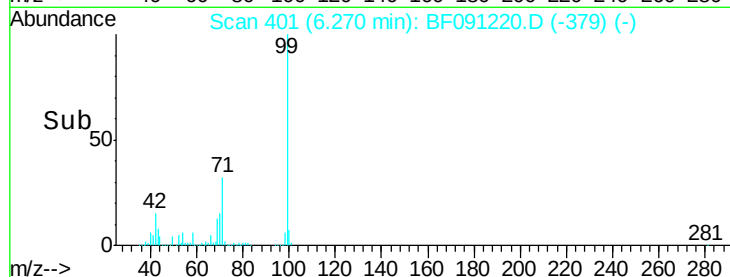
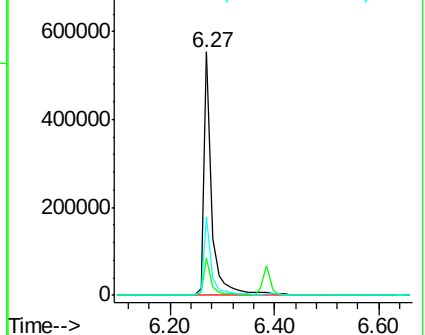
71 32.4 27.8 41.8



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: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091220.D

Acq: 17 Nov 2016 18:53

Tgt Ion: 136 Resp: 782813

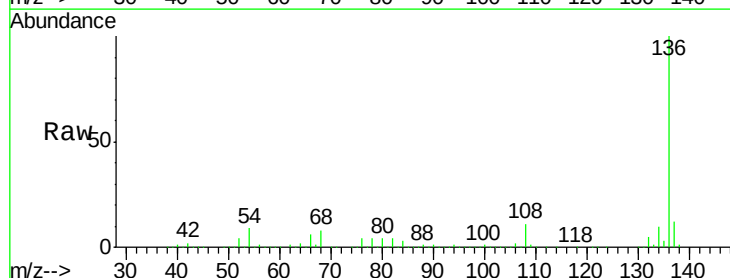
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.9 6.2 9.2

68 7.7 5.5 8.3

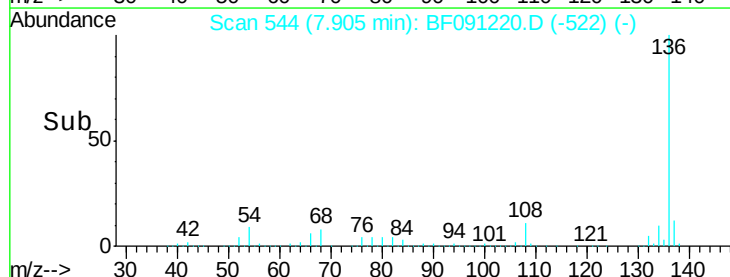
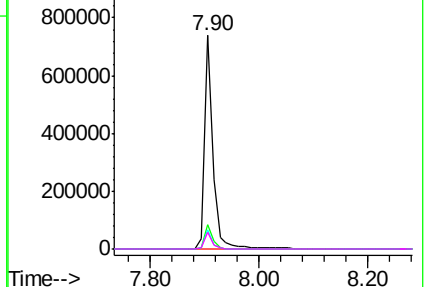


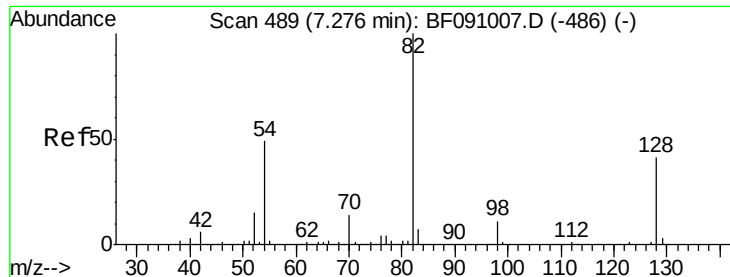
Abundance Ion 136.00 (135.70 to 136.70): E

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

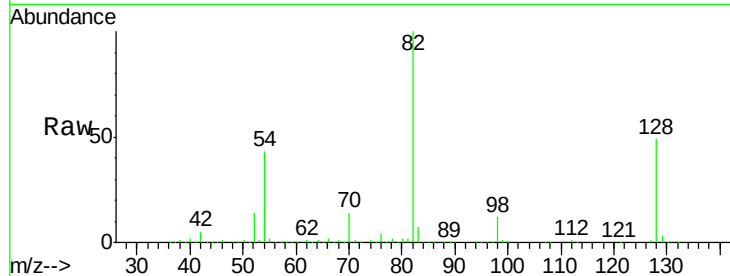




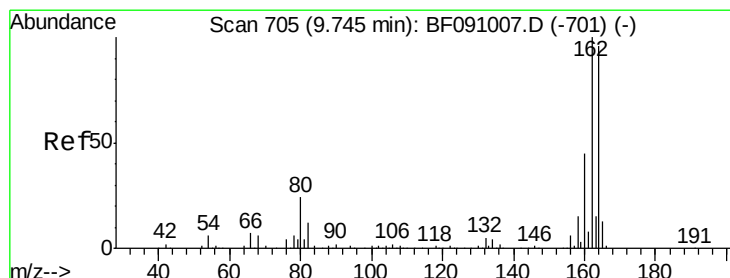
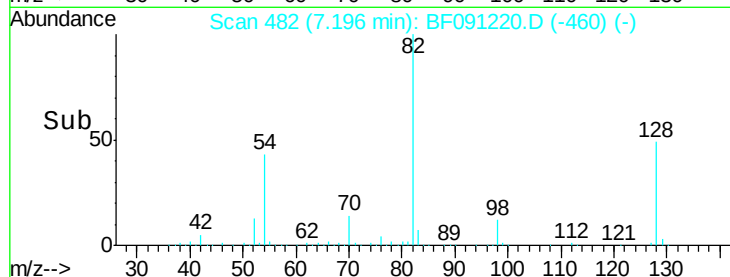
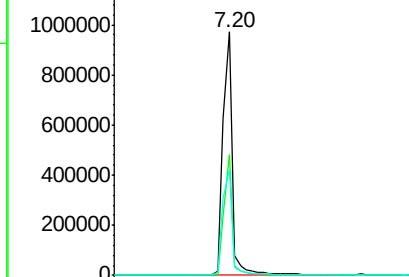
#23
 Nitrobenzene-d5
 Concen: 88.92 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091220.D
 Acq: 17 Nov 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion: 82 Resp: 1276040
 Ion Ratio Lower Upper
 82 100
 128 49.4 32.4 48.6#
 54 43.1 39.2 58.8

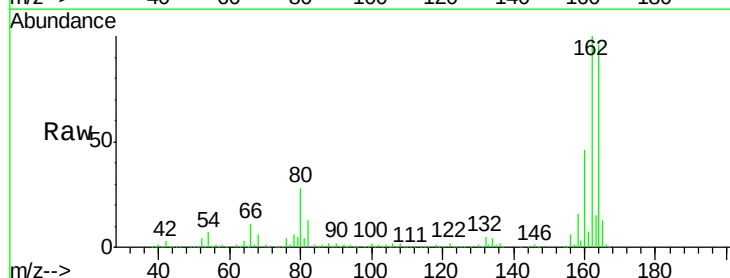


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

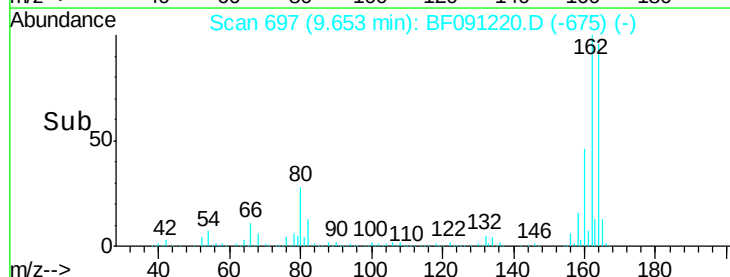
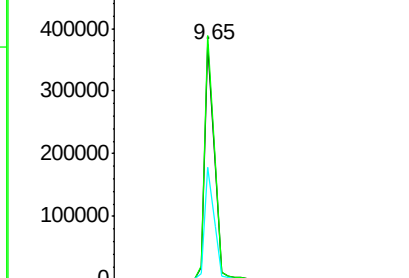


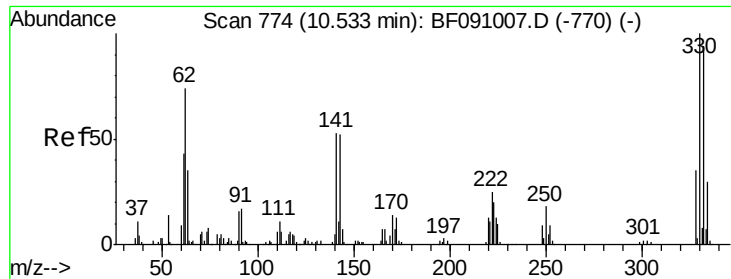
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF091220.D
 Acq: 17 Nov 2016 18:53

Tgt Ion:164 Resp: 411001
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.6 125.4
 160 47.9 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

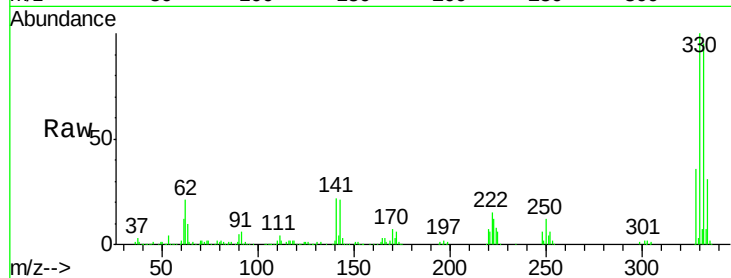




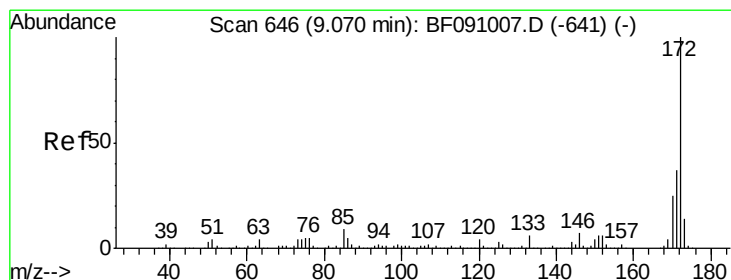
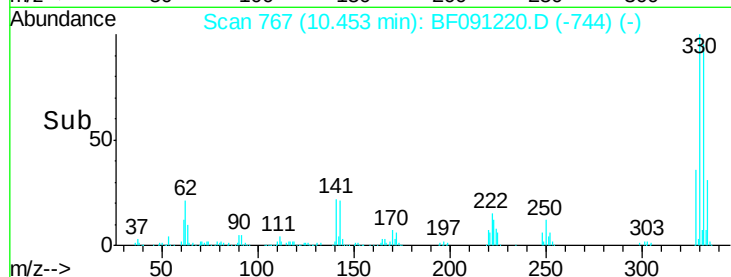
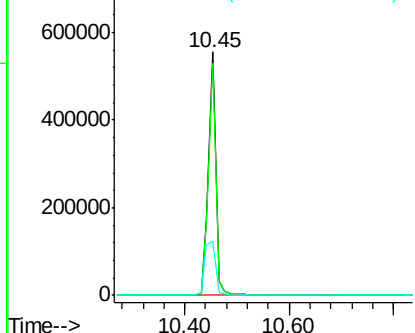
#41
 2,4,6-Tribromophenol
 Concen: 147.15 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091220.D
 Acq: 17 Nov 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	33.6	36.1	54.1

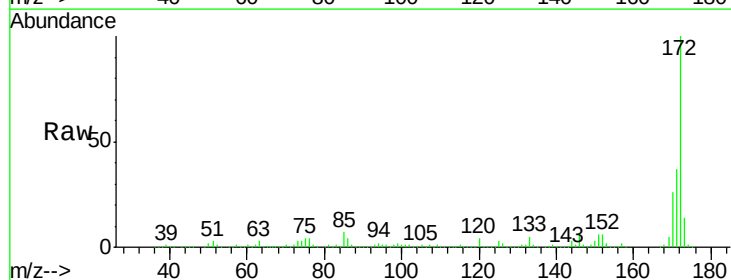


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

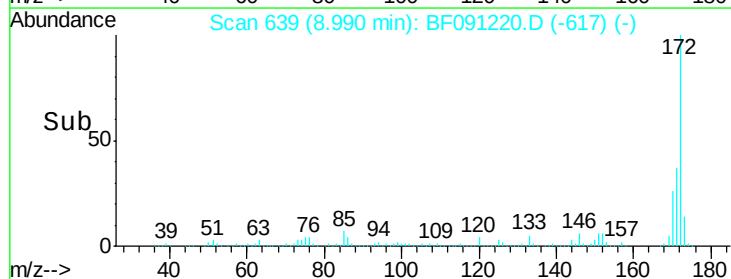
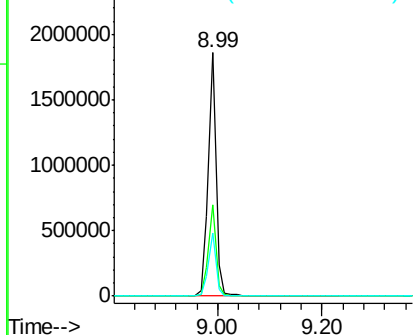


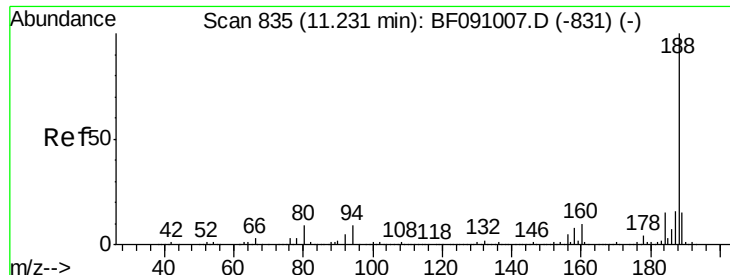
#44
 2-Fluorobiphenyl
 Concen: 81.77 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091220.D
 Acq: 17 Nov 2016 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.9	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

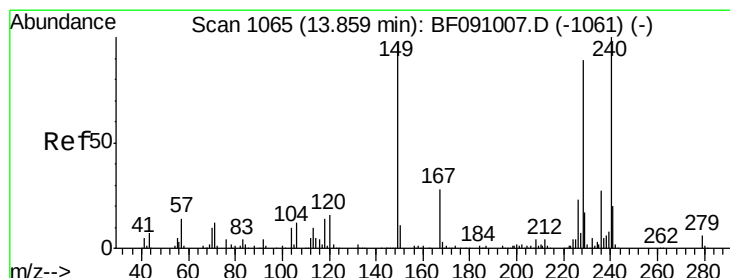
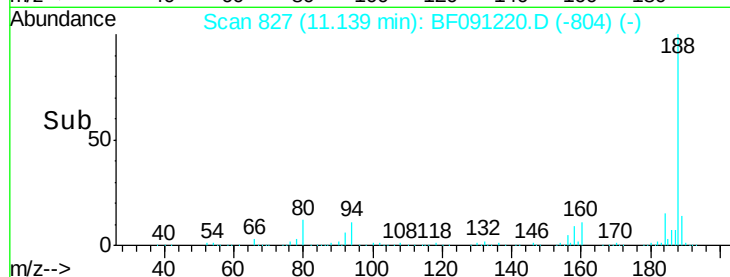
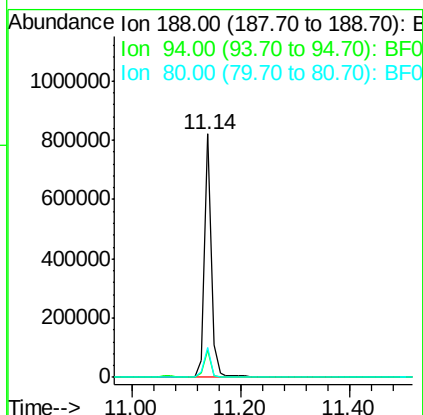
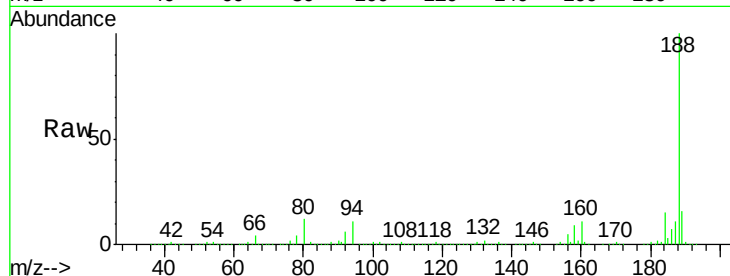




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091220.D
Acq: 17 Nov 2016 18:53

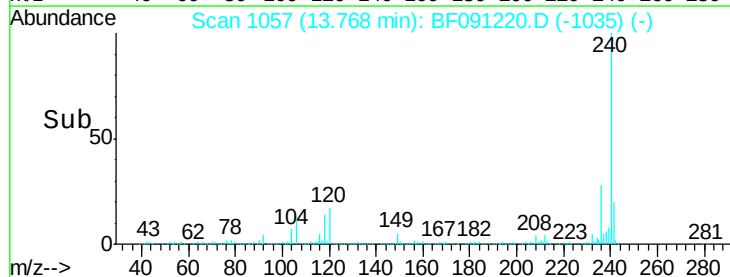
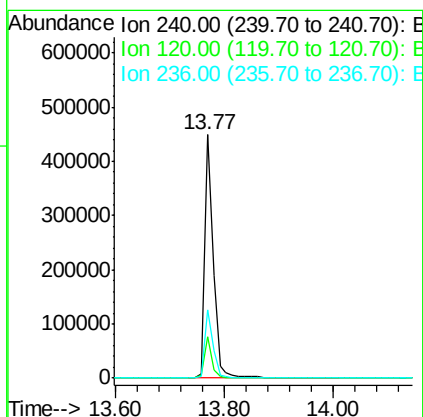
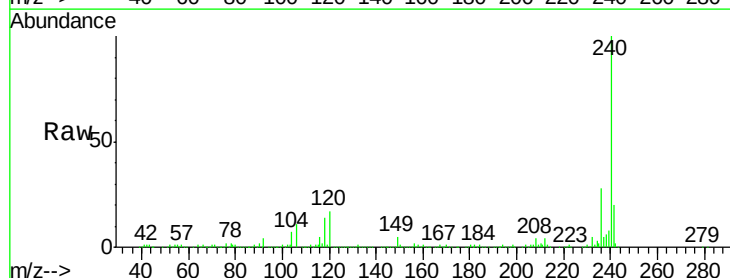
Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

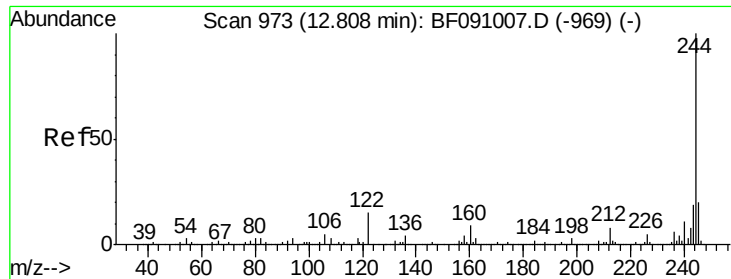
Tot Ion:188 Resp: 711893
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.4#
80 12.1 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091220.D
Acq: 17 Nov 2016 18:53

Tgt Ion:240 Resp: 485669
Ion Ratio Lower Upper
240 100
120 16.8 12.9 19.3
236 27.8 21.9 32.9

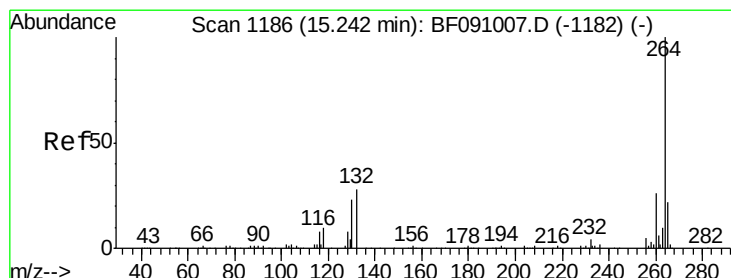
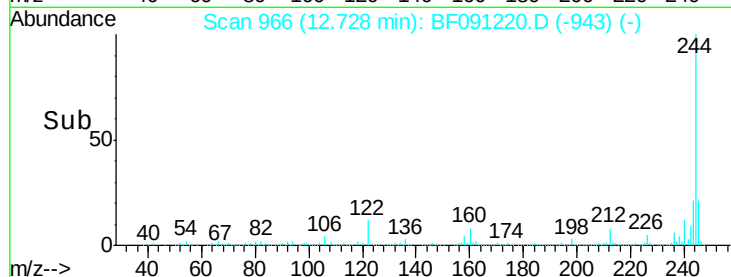
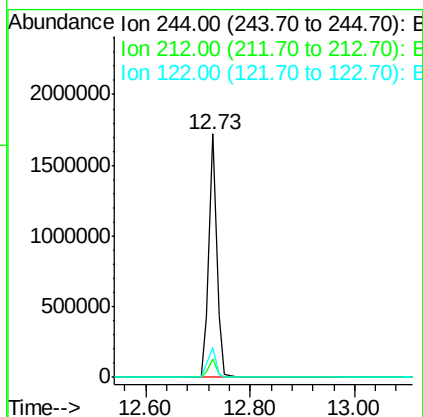
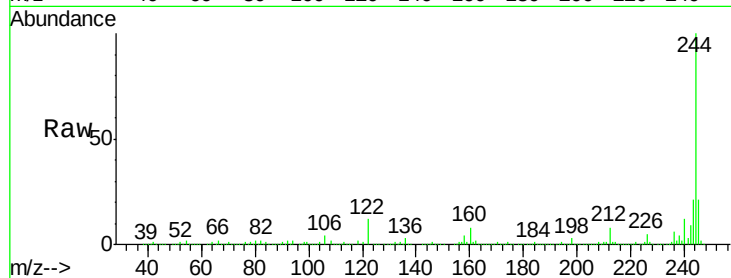




#78
 Terphenyl-d14
 Concen: 93.92 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091220.D
 Acq: 17 Nov 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion:244 Resp: 1827888
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 12.2 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091220.D
 Acq: 17 Nov 2016 18:53

Tgt Ion:264 Resp: 328245
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 30.8
 265 21.8 17.8 26.8

