

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106770.D
 Acq On : 25 Jun 2018 14:36
 Operator : JU/SJ
 Sample : J3627-35
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Quant Time: Jun 25 15:23:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

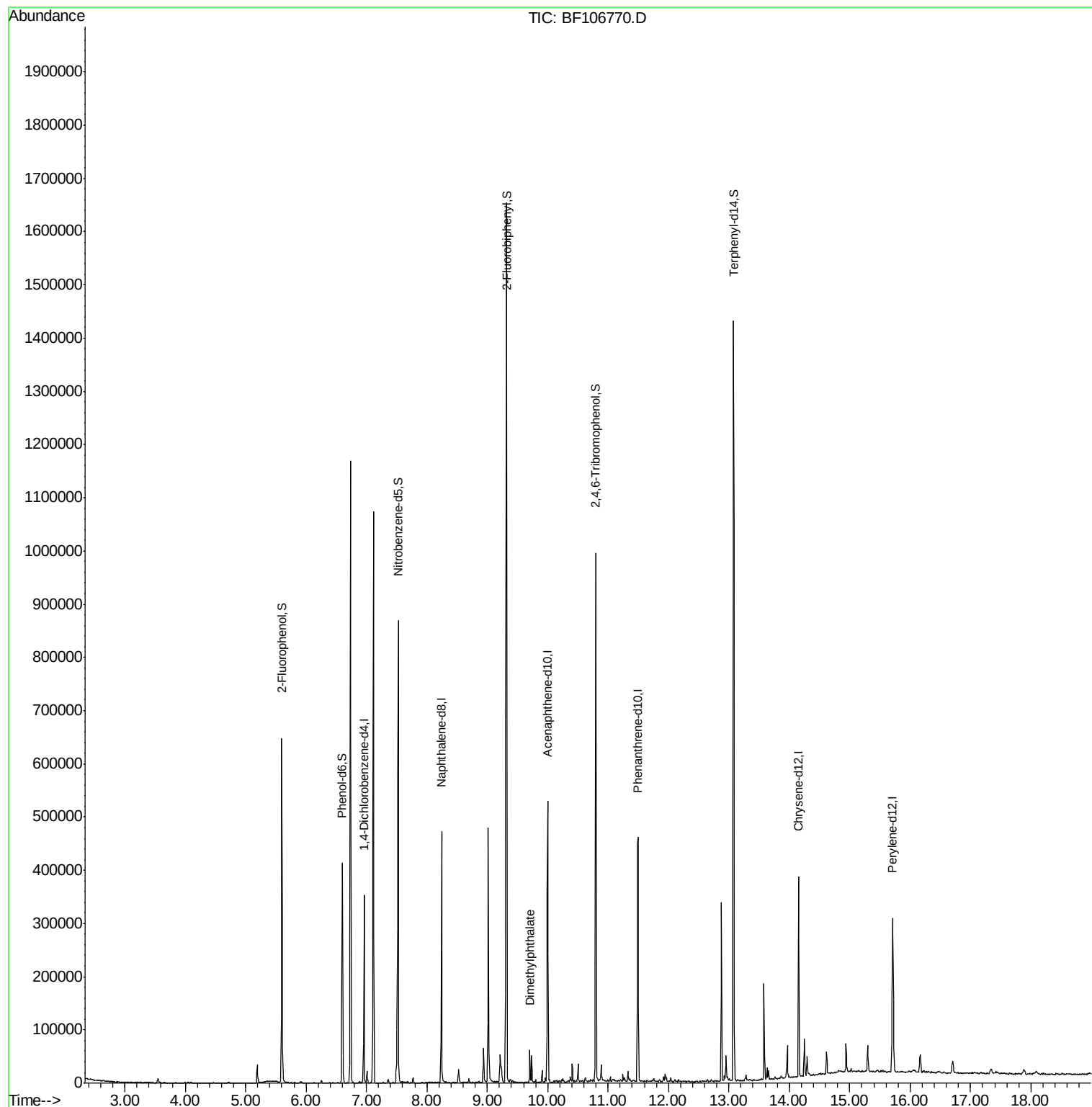
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	51641	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	198462	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	103611	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	189055	20.00	ng	0.00
75) Chrysene-d12	14.15	240	132956	20.00	ng	0.00
86) Perylene-d12	15.71	264	147262	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	180541	59.20	ng	0.00
7) Phenol-d6	6.60	99	141462	37.14	ng	0.00
23) Nitrobenzene-d5	7.52	82	311760	87.30	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	158141	131.69	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	576109	96.03	ng	0.00
78) Terphenyl-d14	13.08	244	551947	100.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	23328	3.002	ng	Qvalue 97

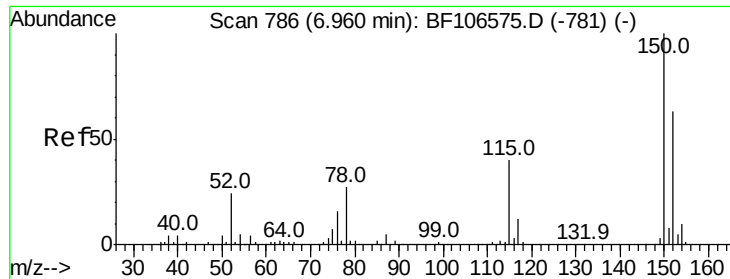
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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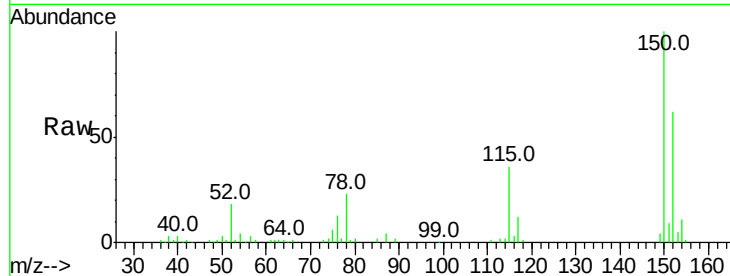


#1

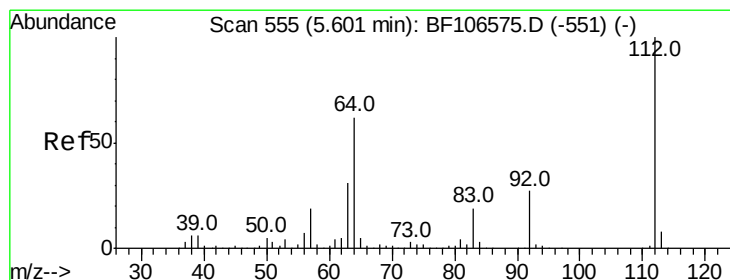
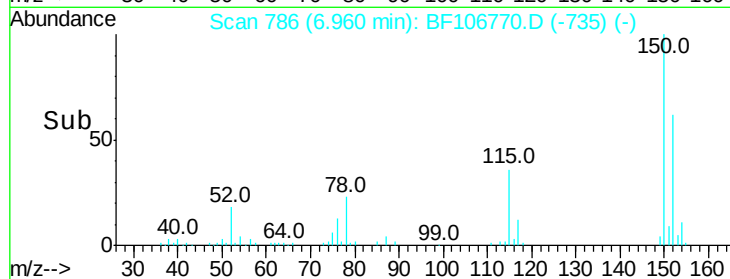
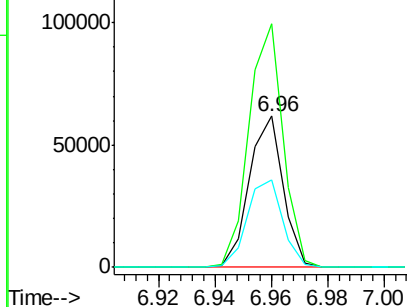
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106770.D
Acq: 25 Jun 2018 14:36

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Tot Ion:152 Resp: 51641
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 58.2 50.1 75.1



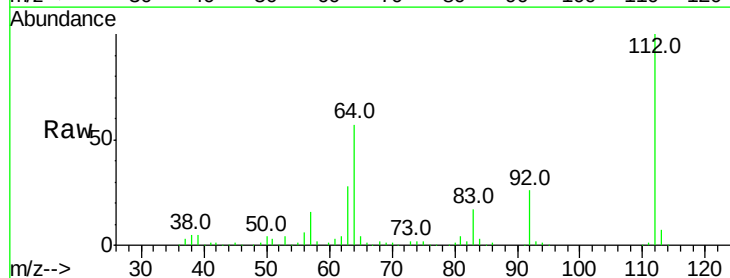
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



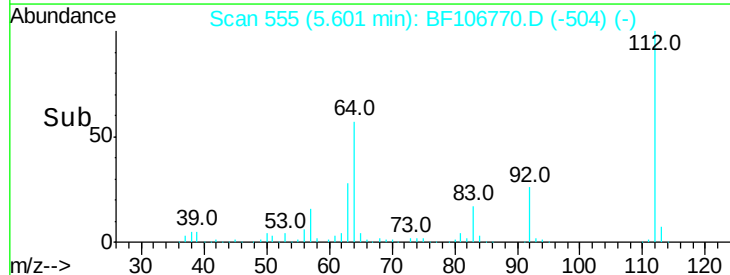
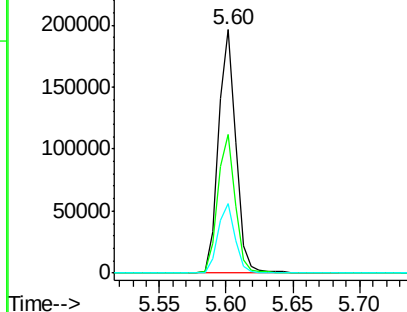
#5

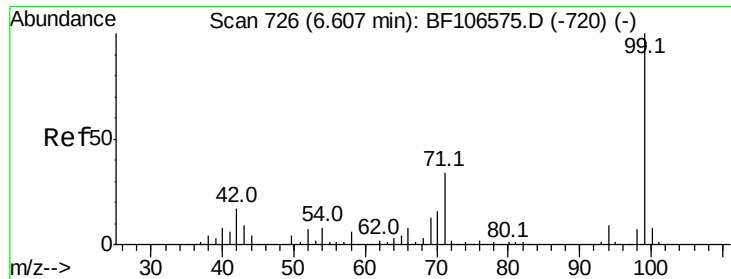
2-Fluorophenol
Concen: 59.200 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106770.D
Acq: 25 Jun 2018 14:36

Tgt Ion:112 Resp: 180541
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 28.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 37.144 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106770.D

Acq: 25 Jun 2018 14:36

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

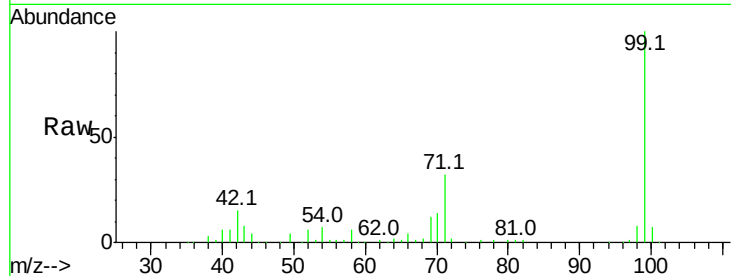
Tot Ion: 99 Resp: 141462

Ion Ratio Lower Upper

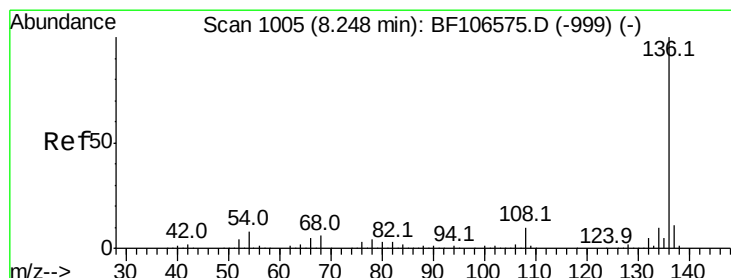
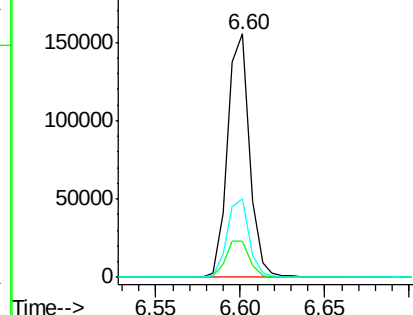
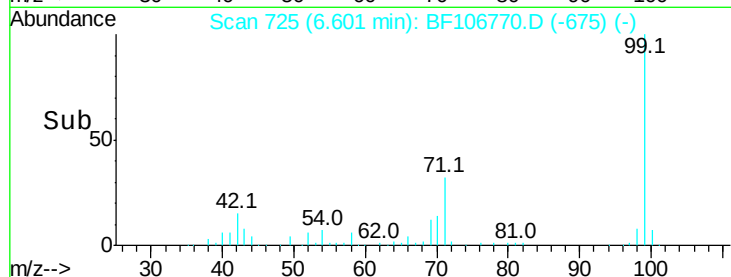
99 100

42 15.2 14.5 21.7

71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106770.D

Acq: 25 Jun 2018 14:36

Tgt Ion: 136 Resp: 198462

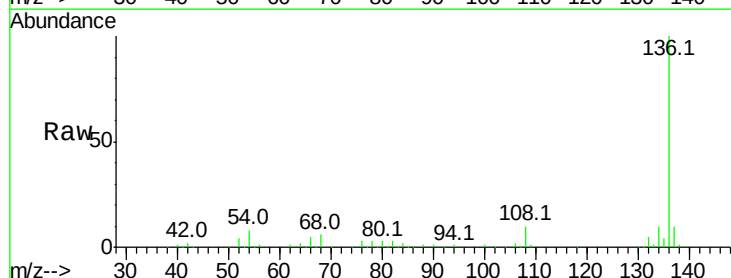
Ion Ratio Lower Upper

136 100

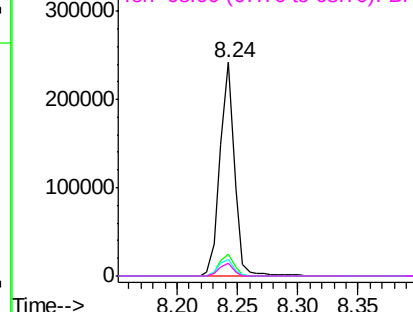
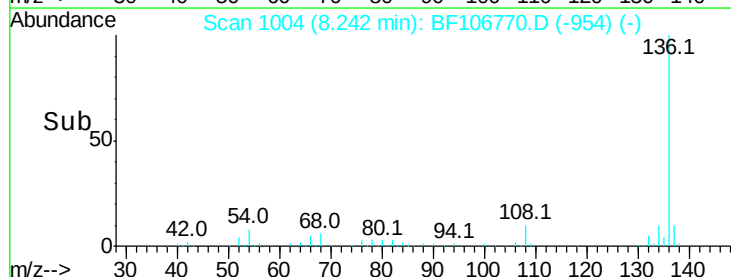
137 10.3 8.9 13.3

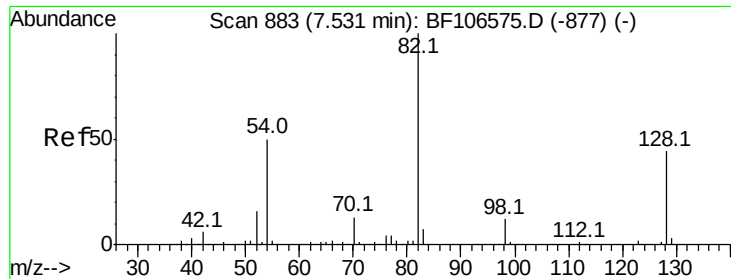
54 7.6 6.6 9.8

68 5.8 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

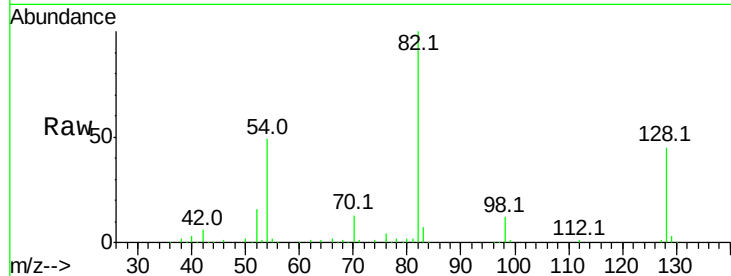




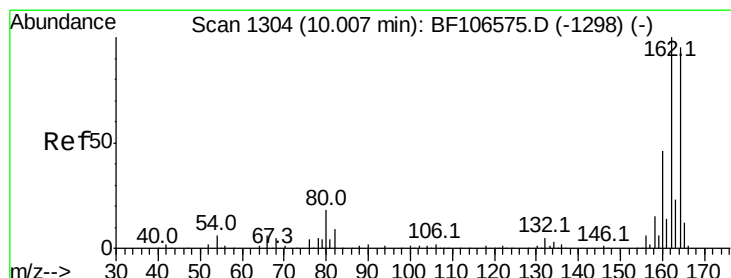
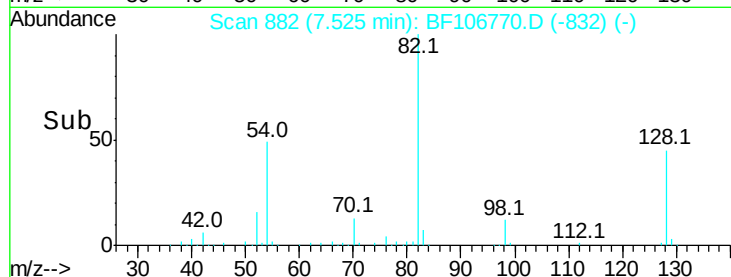
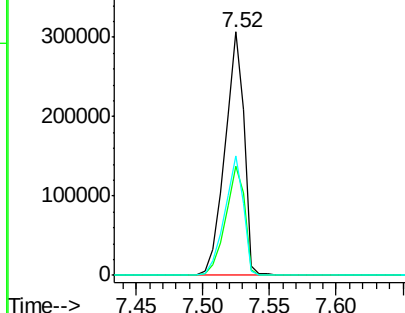
#23
 Nitrobenzene-d5
 Concen: 87.299 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106770.D
 Acq: 25 Jun 2018 14:36

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tot Ion	82	Resp	311760
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	49.0	41.4	62.2

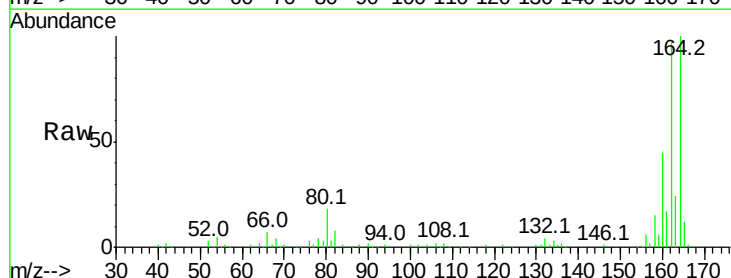


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

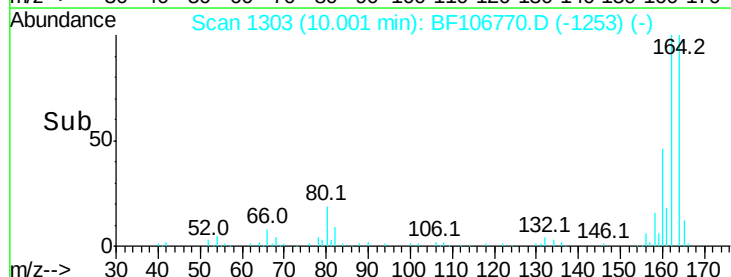
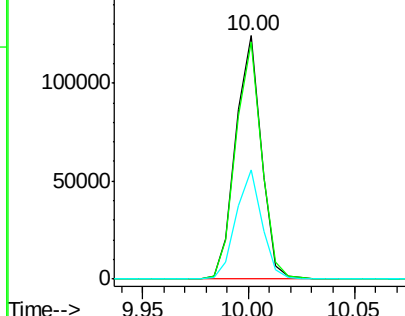


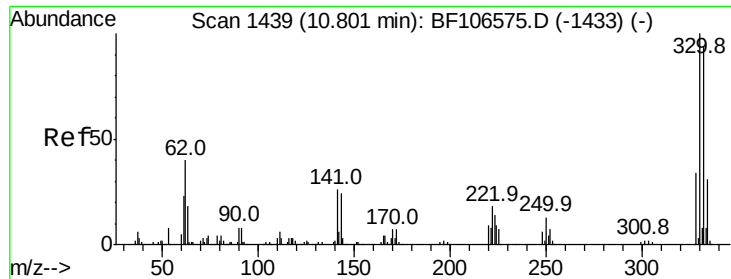
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106770.D
 Acq: 25 Jun 2018 14:36

Tgt Ion	164	Resp	103611
Ion Ratio	Lower	Upper	
164	100		
162	97.4	86.1	129.1
160	44.9	38.3	57.5



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

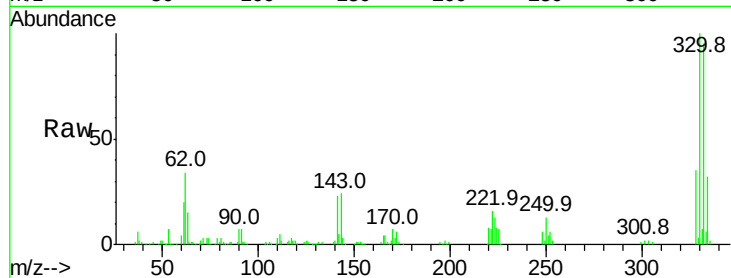




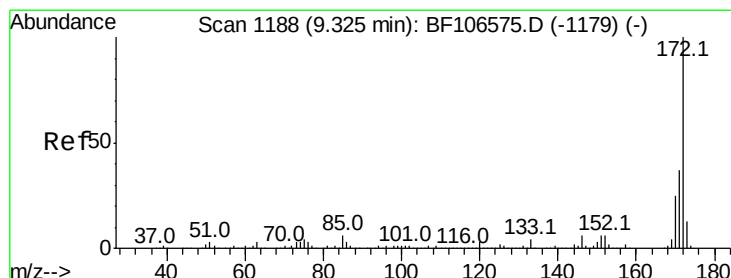
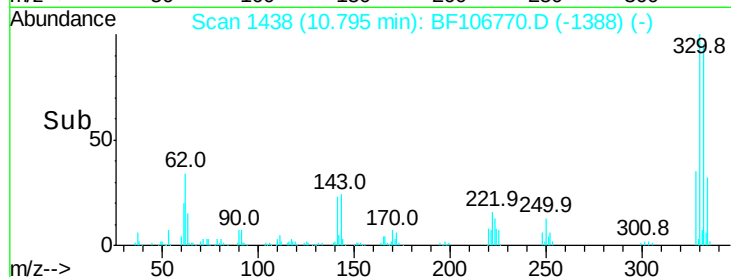
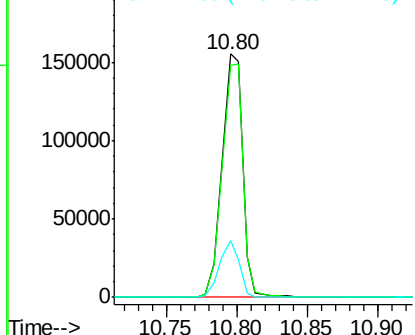
#41
 2,4,6-Tribromophenol
 Concen: 131.688 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106770.D
 Acq: 25 Jun 2018 14:36

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	22.4	29.9	44.9#

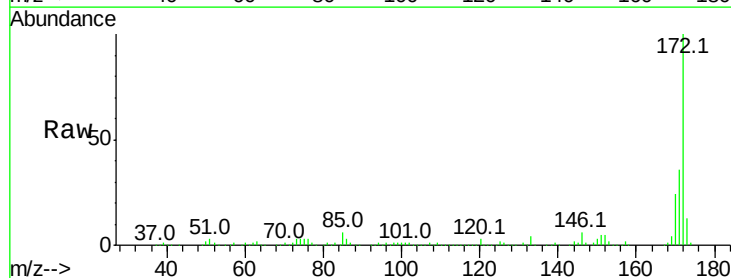


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

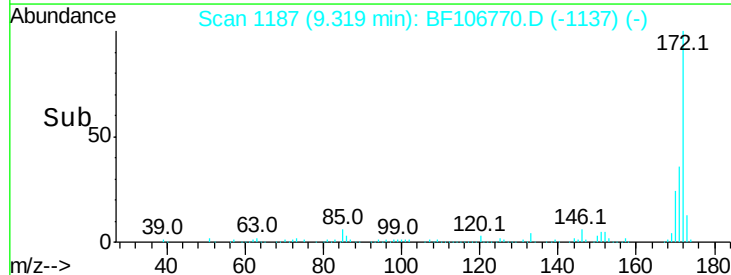
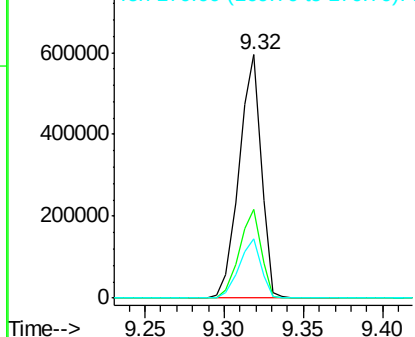


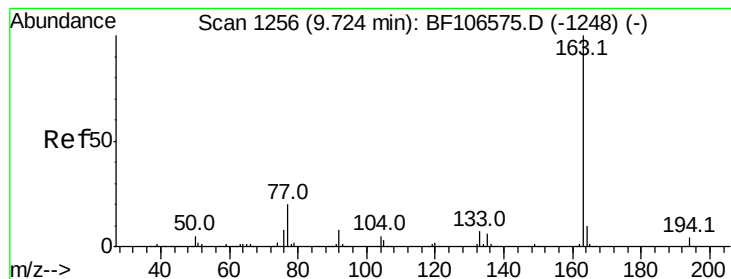
#44
 2-Fluorobiphenyl
 Concen: 96.029 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106770.D
 Acq: 25 Jun 2018 14:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4



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: 3.002 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106770.D

Acq: 25 Jun 2018 14:36

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

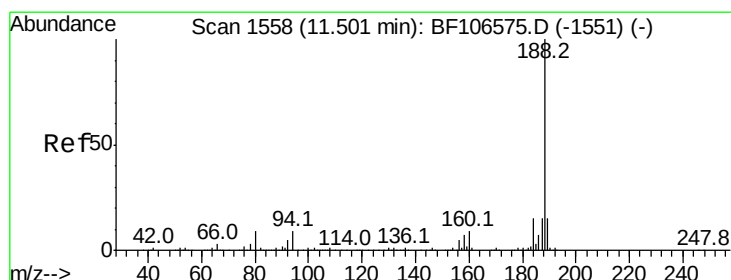
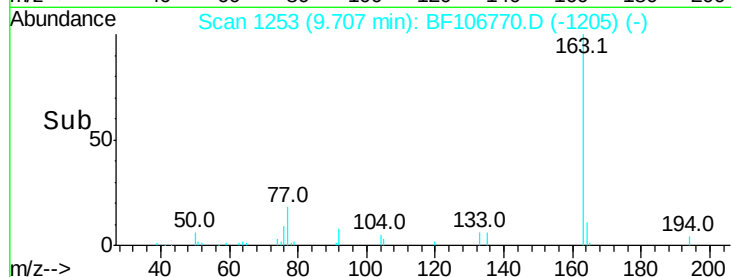
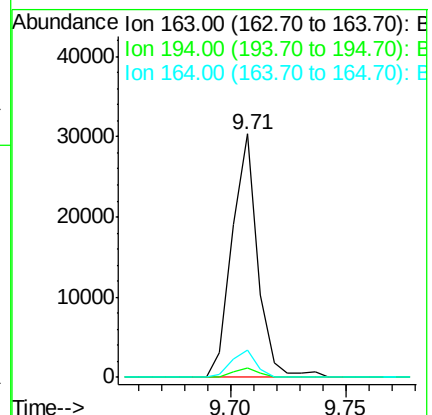
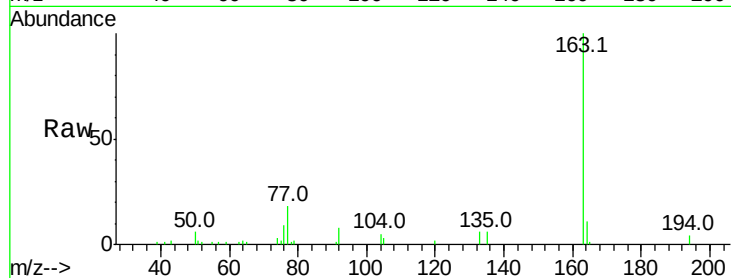
Tot Ion:163 Resp: 23328

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

164 11.4 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106770.D

Acq: 25 Jun 2018 14:36

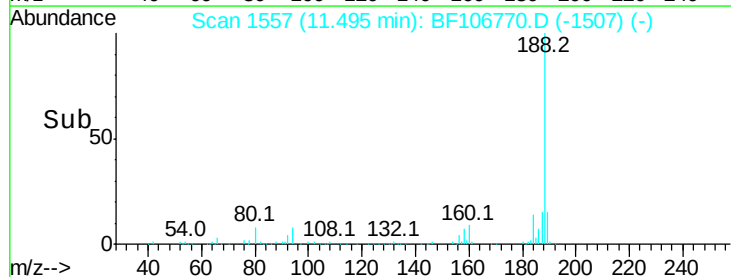
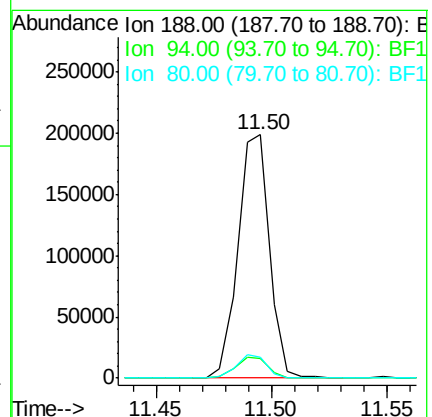
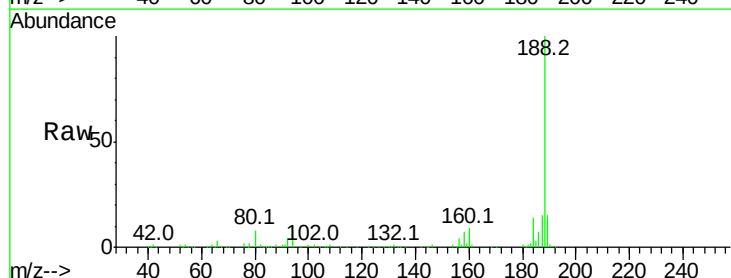
Tgt Ion:188 Resp: 189055

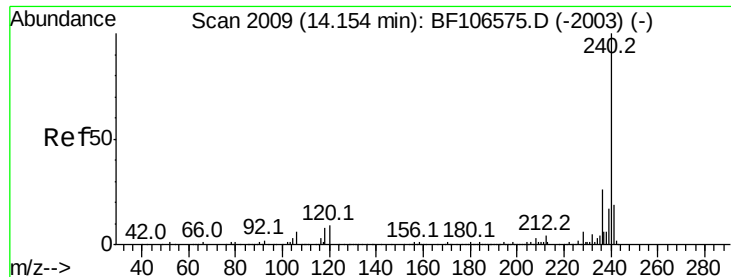
Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

80 8.4 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106770.D

Acq: 25 Jun 2018 14:36

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

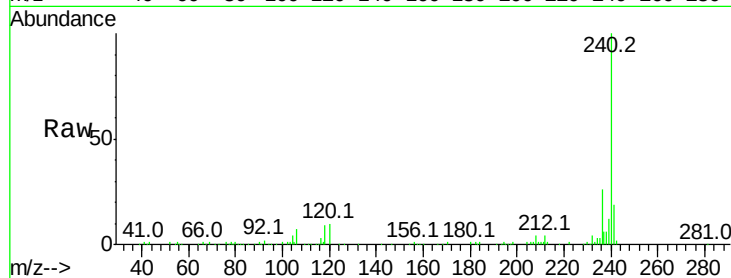
Tot Ion:240 Resp: 132956

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

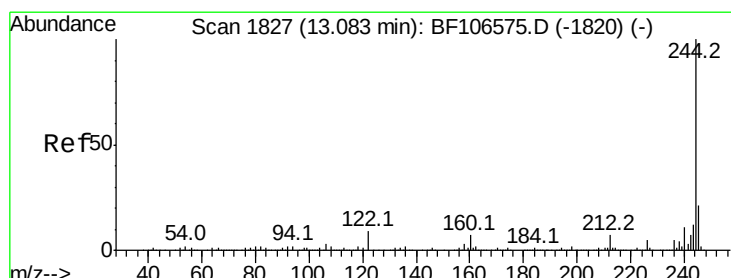
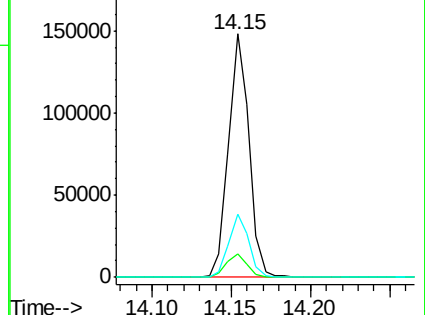
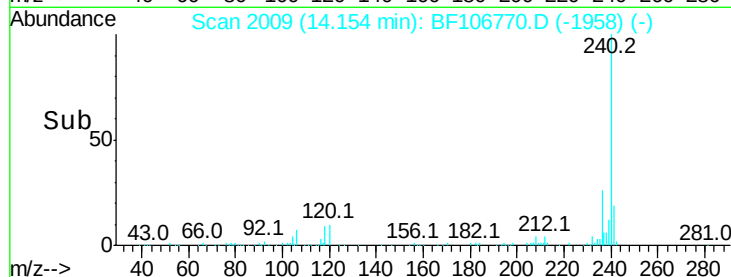
236 26.2 20.7 31.1



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: 100.558 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106770.D

Acq: 25 Jun 2018 14:36

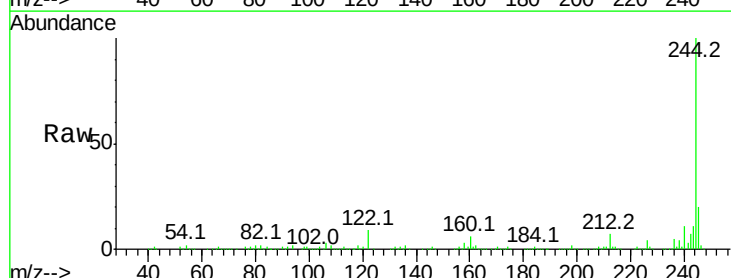
Tgt Ion:244 Resp: 551947

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

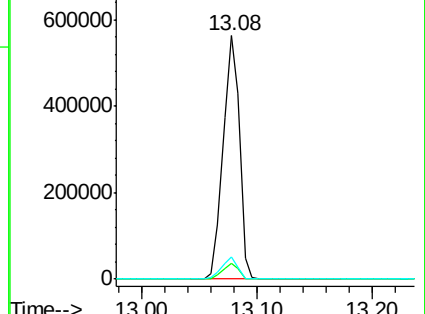
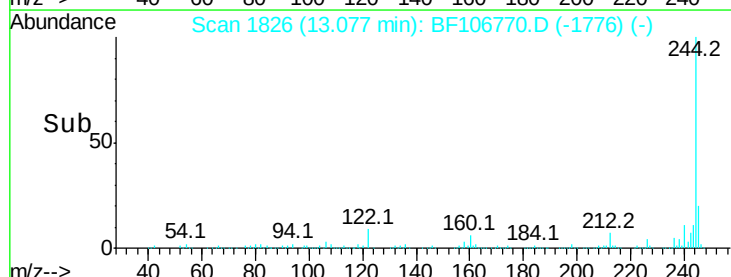
122 8.8 11.0 16.4#

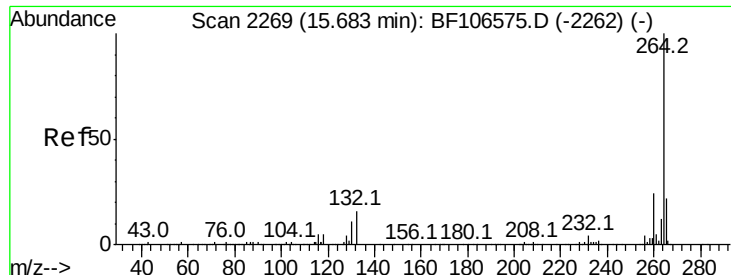


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

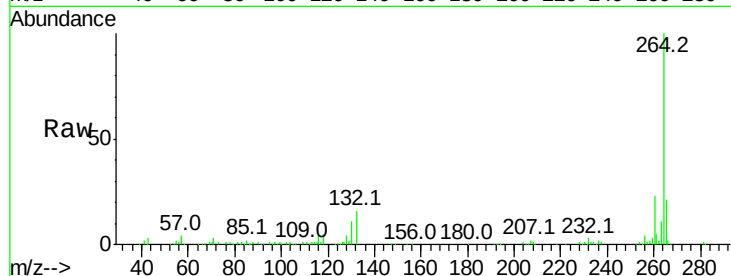




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF106770.D
Acq: 25 Jun 2018 14:36

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.5	26.3



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

