

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090700.D
 Acq On : 20 Oct 2016 23:25
 Operator : UM/SJ
 Sample : H5291-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Quant Time: Oct 21 09:27:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

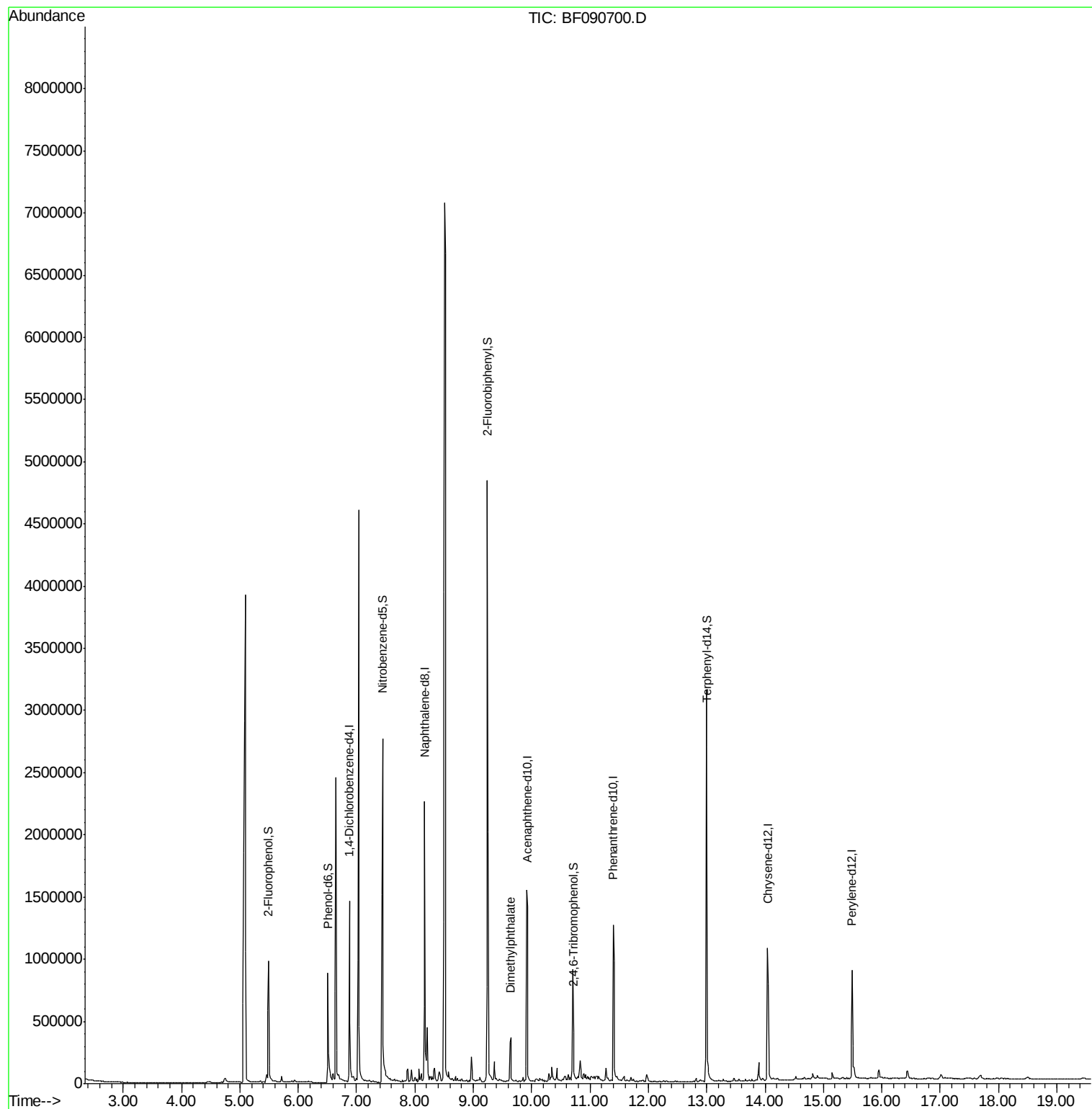
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	231963	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	1066772	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	477242	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	641619	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	489763	20.00	ng	-0.05
86) Perylene-d12	15.49	264	371982	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	350127	27.67	ng	-0.02
7) Phenol-d6	6.51	99	332191	17.67	ng	-0.03
23) Nitrobenzene-d5	7.45	82	1295895	67.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	95165	22.37	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	1775343	61.29	ng	-0.03
78) Terphenyl-d14	13.00	244	1426531	67.82	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.64	163	210702	6.80	ng	Qvalue # 98

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

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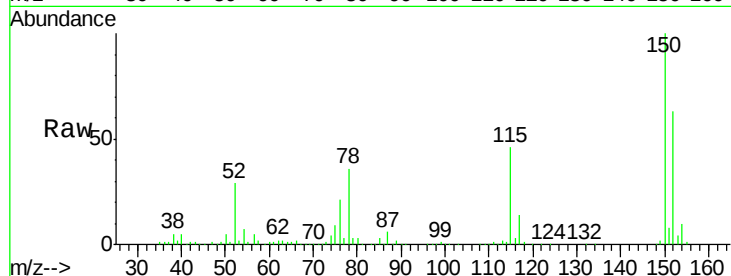


#1

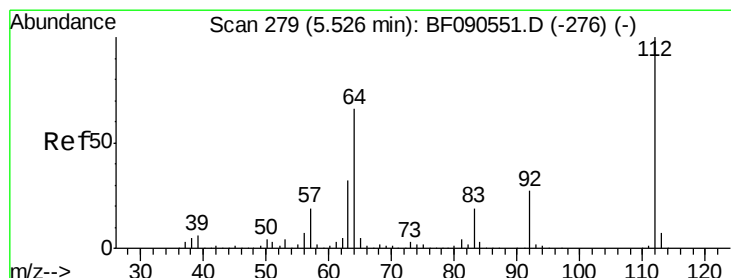
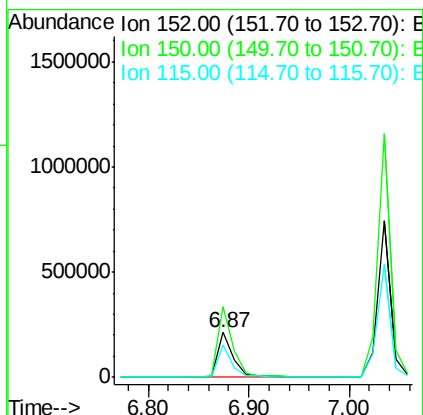
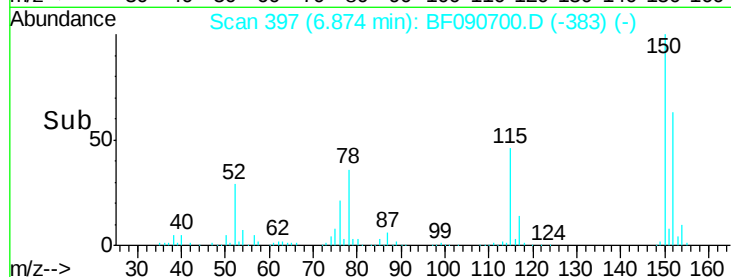
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tot Ion:152 Resp: 231963
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 73.5 58.6 88.0



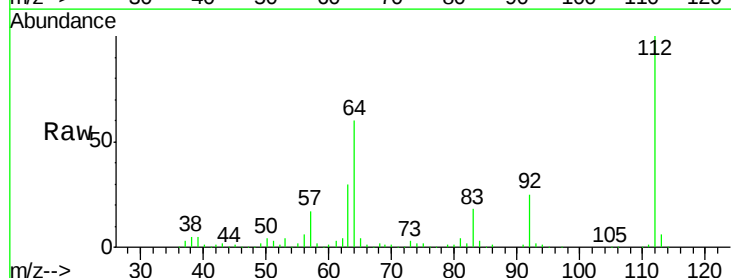
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



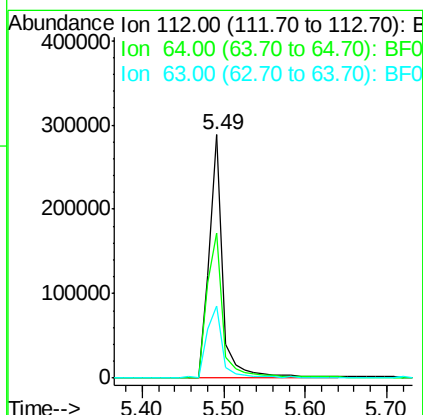
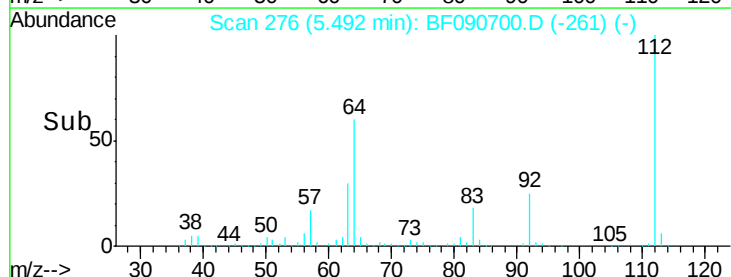
#5

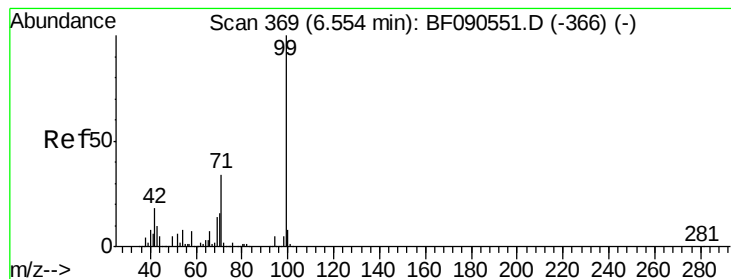
2-Fluorophenol
Concen: 27.67 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.02 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

Tgt Ion:112 Resp: 350127
Ion Ratio Lower Upper
112 100
64 59.7 52.6 78.8
63 29.7 26.0 39.0



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: 17.67 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

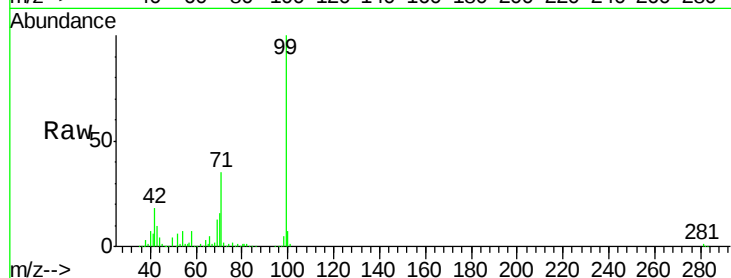
Tot Ion: 99 Resp: 332191

Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

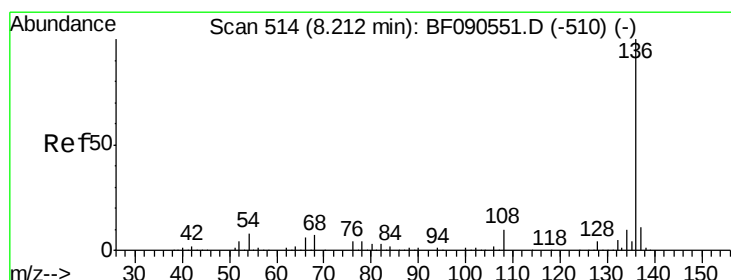
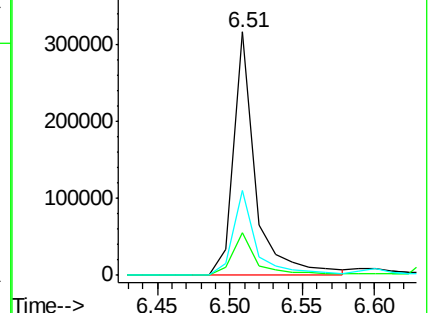
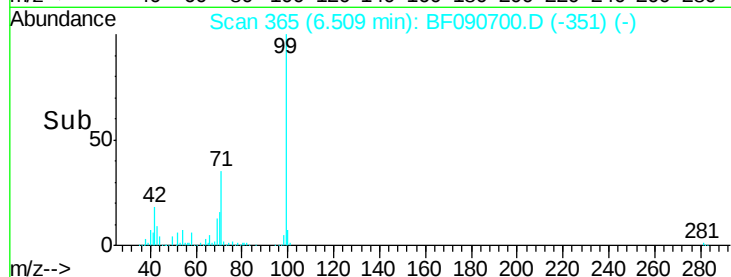
71 34.7 27.6 41.4



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: 8.17 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

Tgt Ion: 136 Resp: 1066772

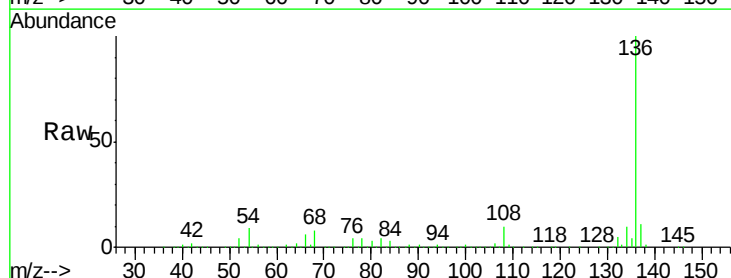
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.8 6.8 10.2

68 7.5 6.0 9.0

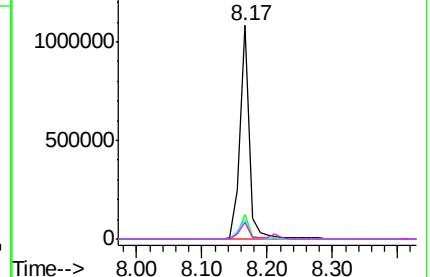
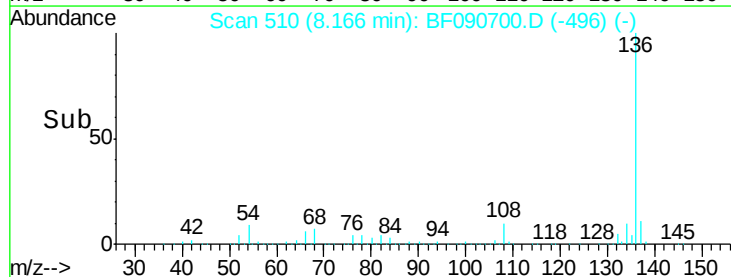


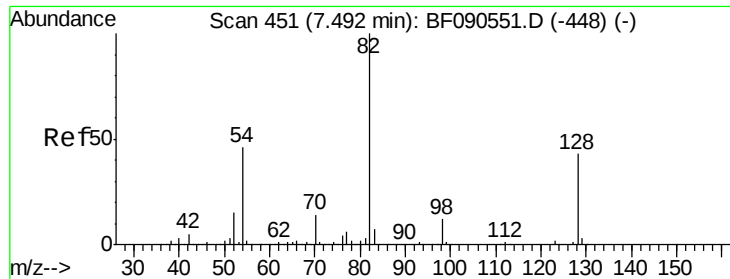
Abundance Ion 136.00 (135.70 to 136.70): E

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

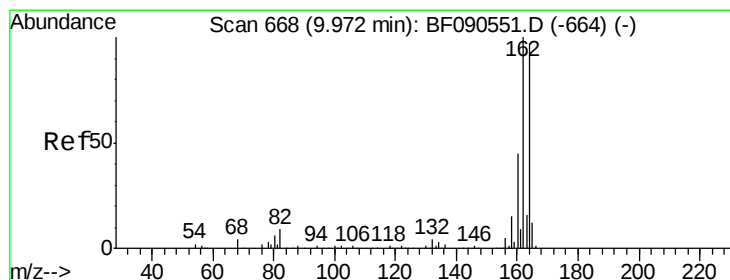
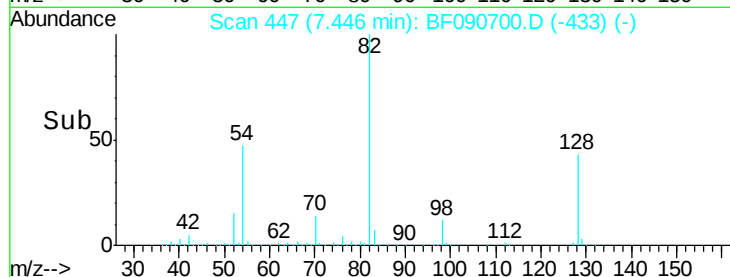
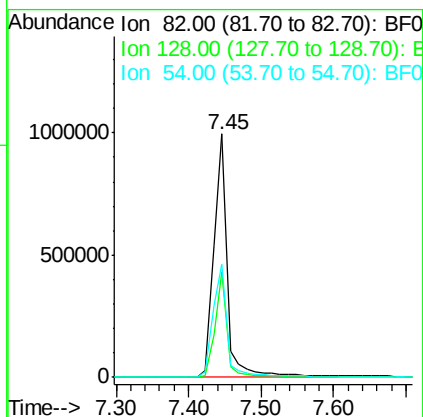
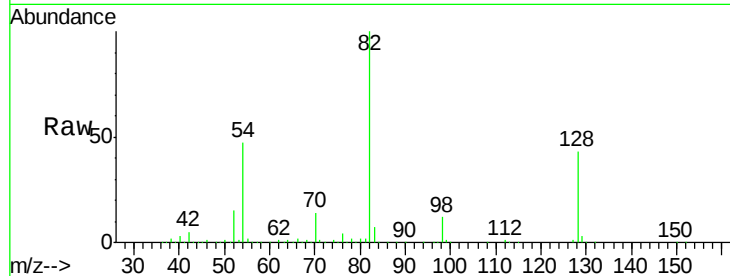




#23
Nitrobenzene-d5
Concen: 67.48 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

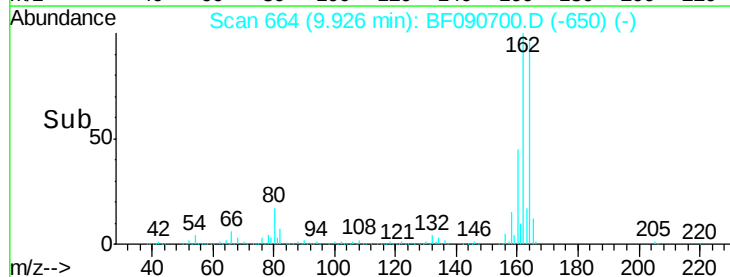
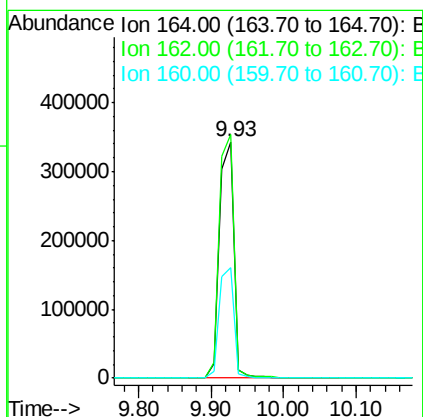
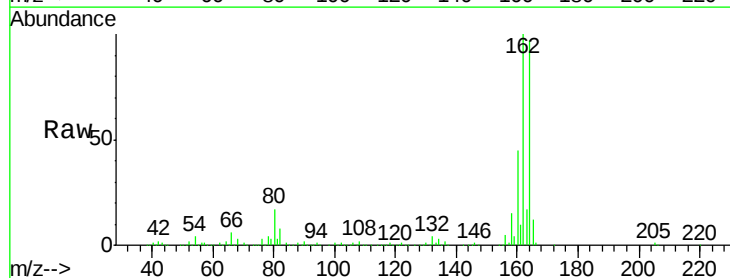
Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

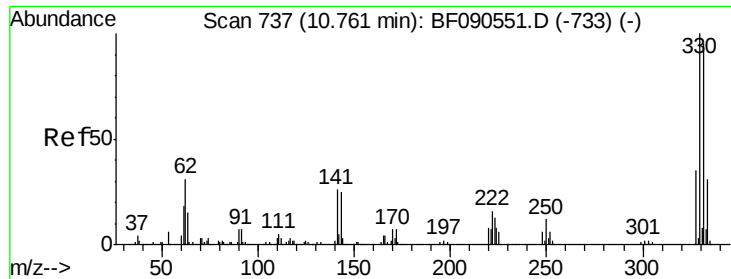
Tot Ion: 82 Resp: 1295895
Ion Ratio Lower Upper
82 100
128 43.1 34.3 51.5
54 46.6 37.0 55.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

Tgt Ion:164 Resp: 477242
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.4
160 46.6 36.6 55.0

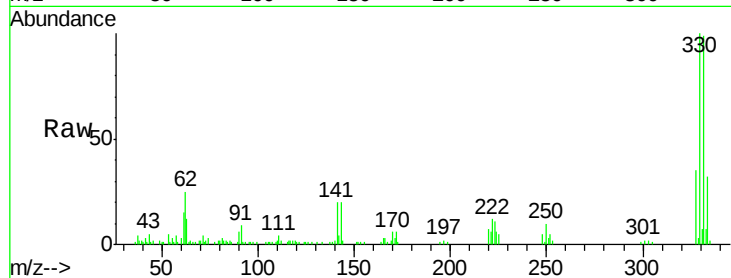




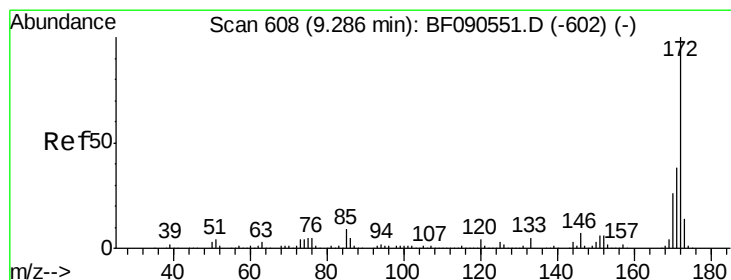
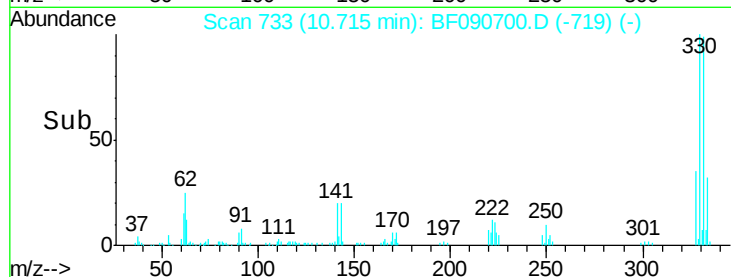
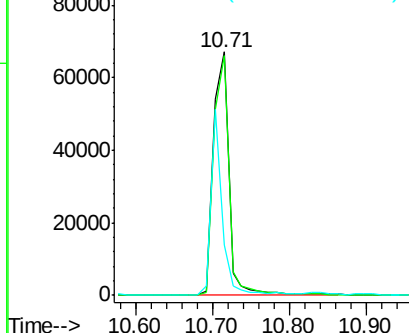
#41
 2,4,6-Tribromophenol
 Concen: 22.37 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF090700.D
 Acq: 20 Oct 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion:330 Resp: 95165
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.2
 141 54.5 31.4 47.2#

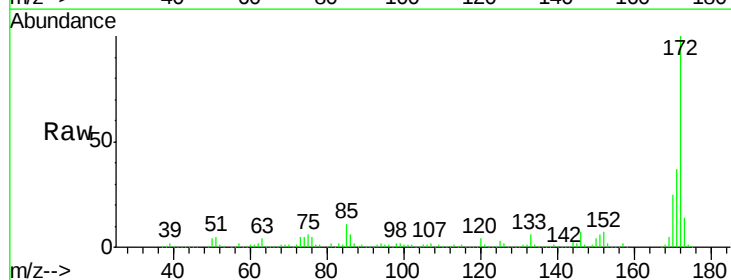


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

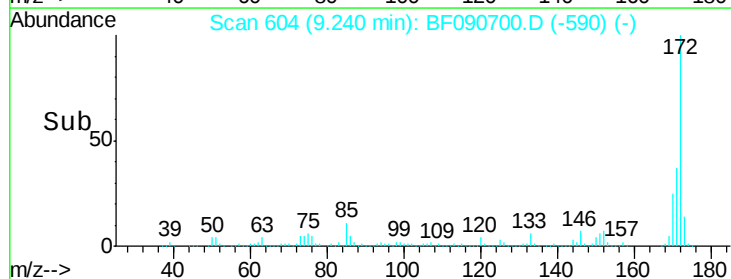
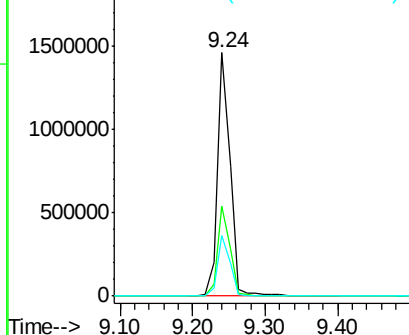


#44
 2-Fluorobiphenyl
 Concen: 61.29 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF090700.D
 Acq: 20 Oct 2016 23:25

Tgt Ion:172 Resp: 1775343
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 24.9 20.6 30.8



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: 6.80 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

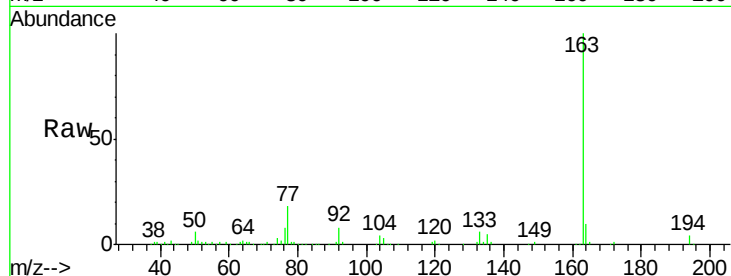
Tot Ion:163 Resp: 210702

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

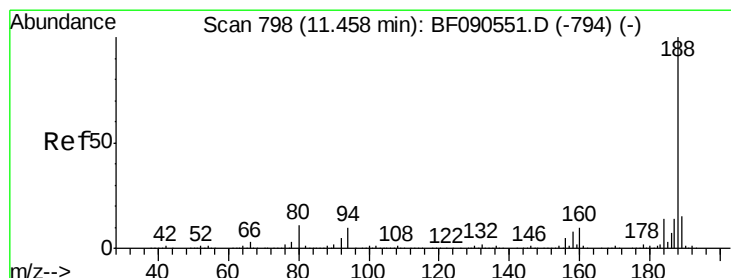
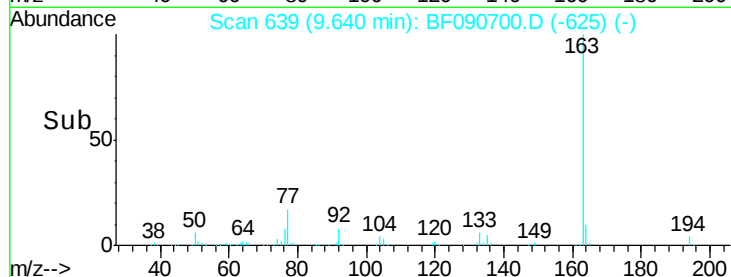
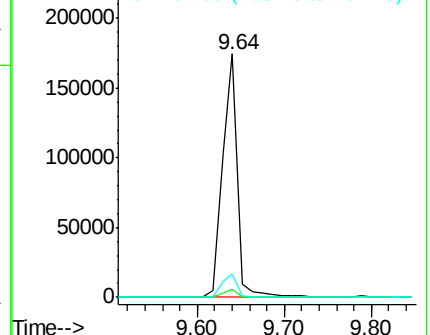
164 9.9 8.6 13.0



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: 11.40 min Scan# 793

Delta R.T. -0.05 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

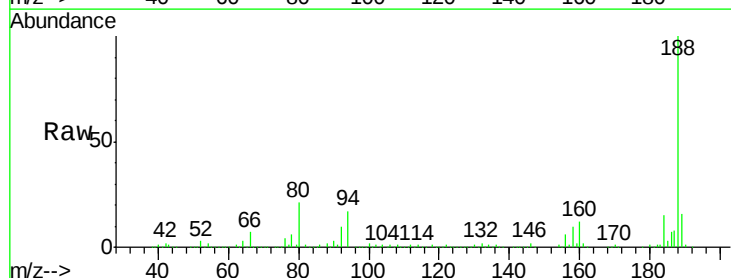
Tgt Ion:188 Resp: 641619

Ion Ratio Lower Upper

188 100

94 17.3 7.7 11.5#

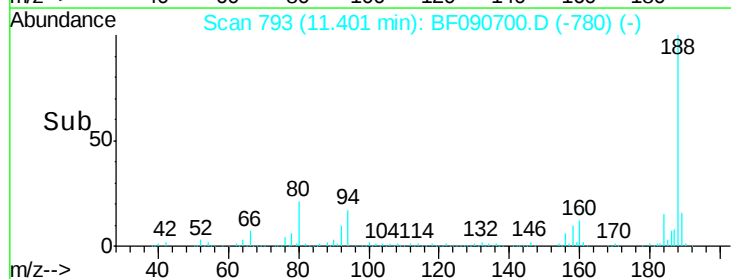
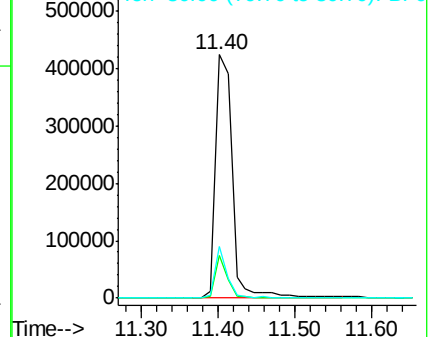
80 21.1 8.6 12.8#

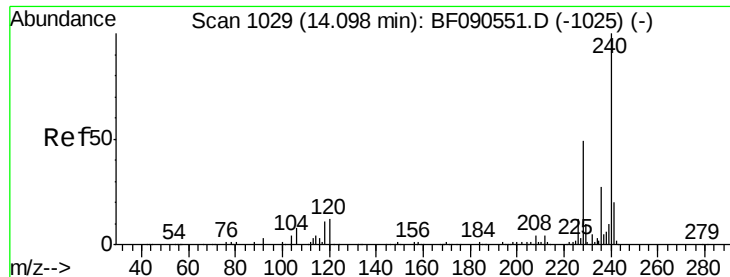


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

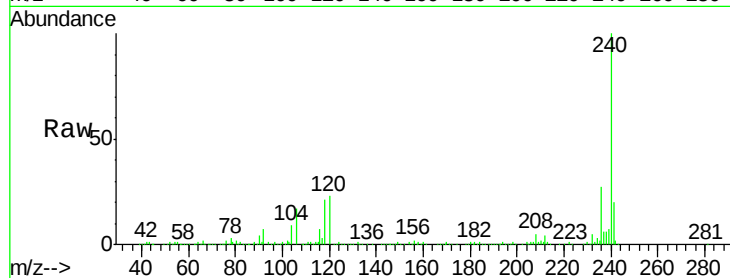
Tot Ion:240 Resp: 489763

Ion Ratio Lower Upper

240 100

120 23.1 9.8 14.8#

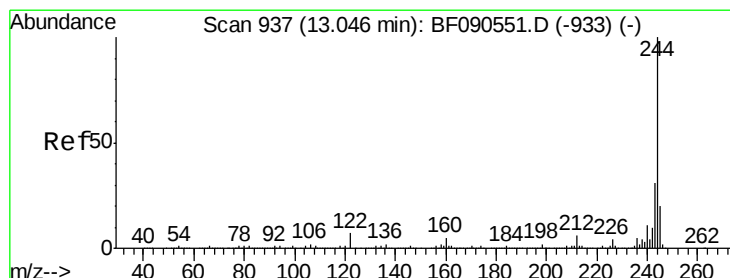
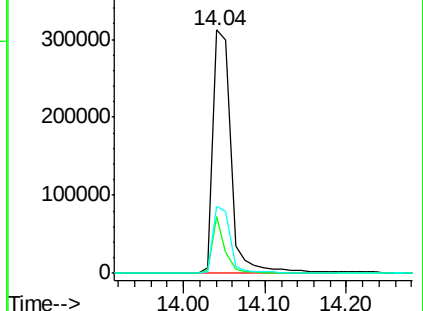
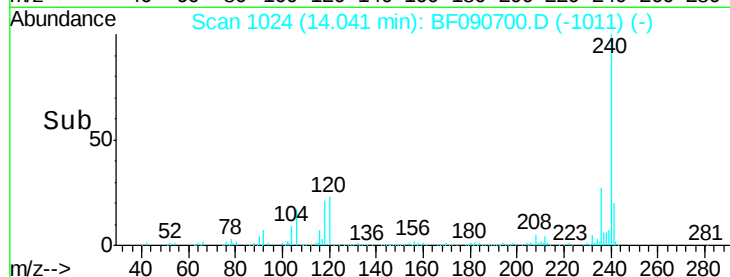
236 27.3 21.7 32.5



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: 67.82 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

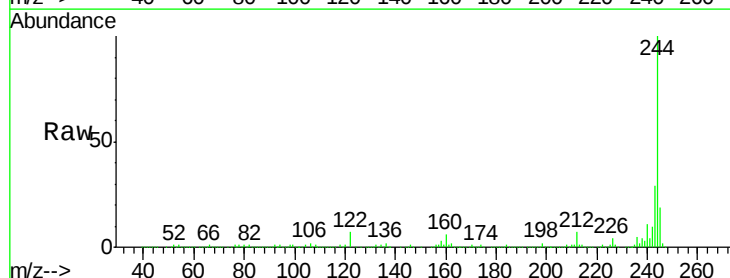
Tgt Ion:244 Resp: 1426531

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

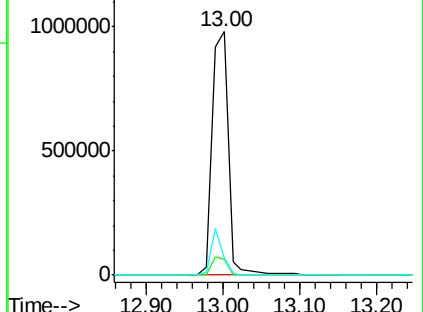
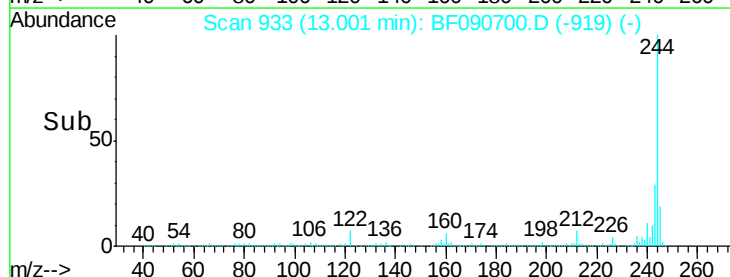
122 7.2 5.6 8.4

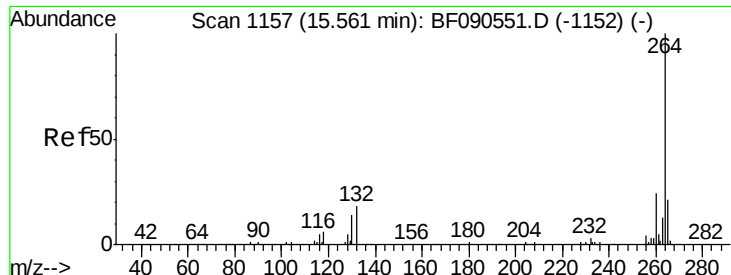


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

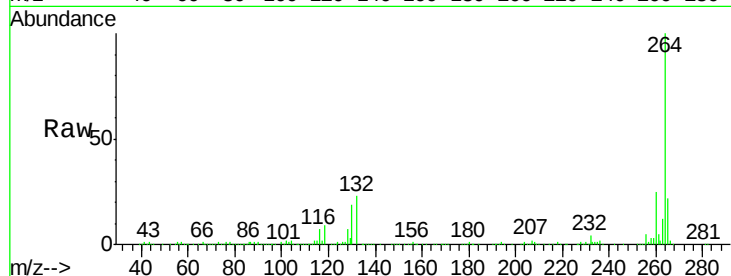




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF090700.D
 Acq: 20 Oct 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.7	16.7	25.1



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

