

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

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Quant Time: Oct 21 08:58:11 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

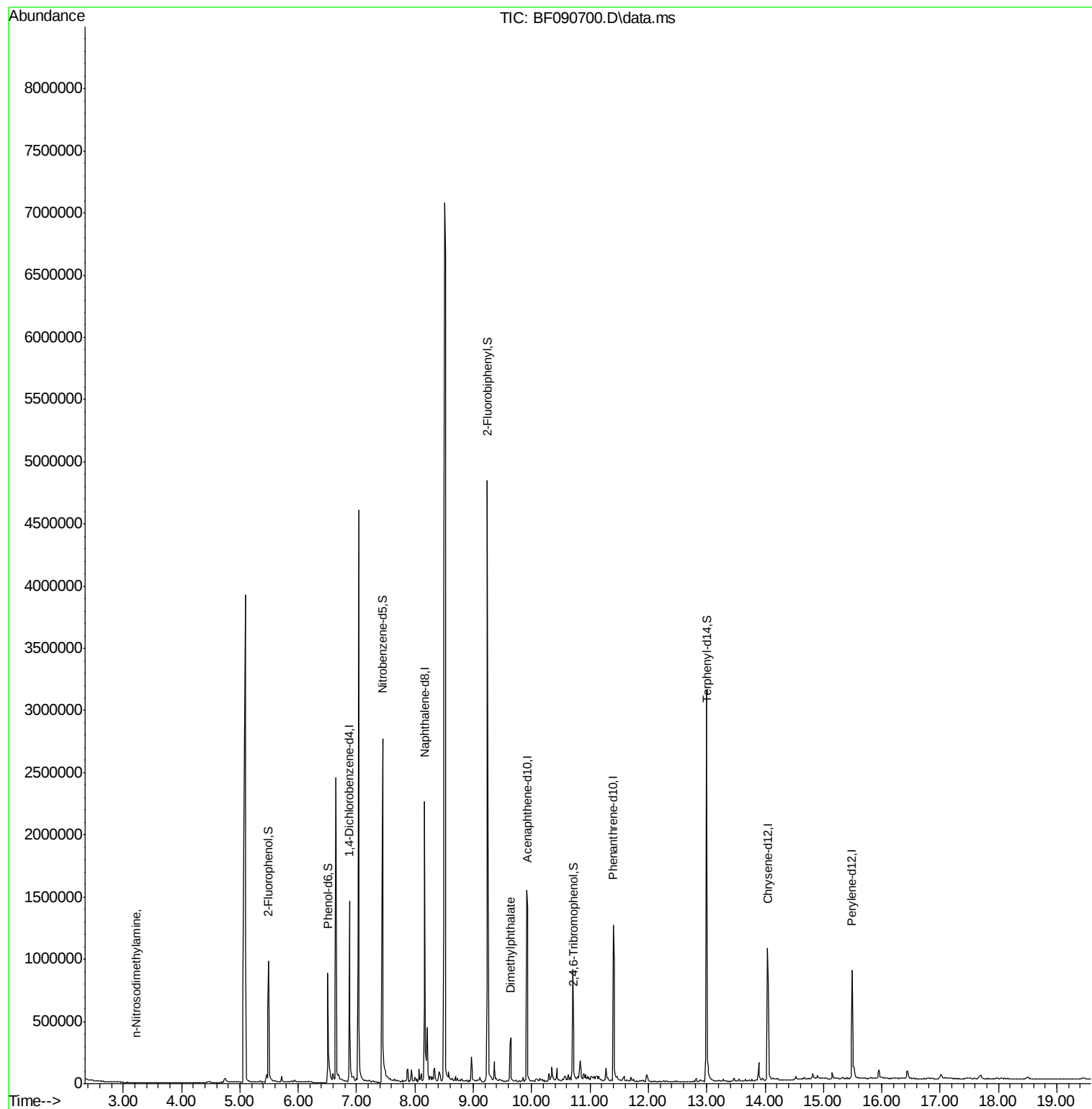
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.874	152	231963	20.00	ng	-0.03
21) Naphthalene-d8	8.166	136	1066772	20.00	ng	-0.03
38) Acenaphthene-d10	9.926	164	477242	20.00	ng	-0.03
63) Phenanthrene-d10	11.401	188	641619	20.00	ng	-0.05
75) Chrysene-d12	14.041	240	489763	20.00	ng	-0.05
86) Perylene-d12	15.492	264	371982	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	350127	27.67	ng	-0.02
7) Phenol-d6	6.509	99	332191	17.67	ng	-0.03
23) Nitrobenzene-d5	7.446	82	1295895	67.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	95165	22.37	ng	-0.03
44) 2-Fluorobiphenyl	9.240	172	1775343	61.29	ng	-0.03
78) Terphenyl-d14	13.001	244	1426531	67.82	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.228	42	1089	7.33	ng	Qvalue # 1
49) Dimethylphthalate	9.640	163	210702	6.80	ng	# 98

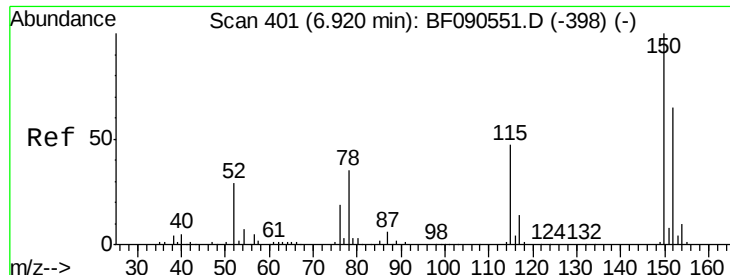
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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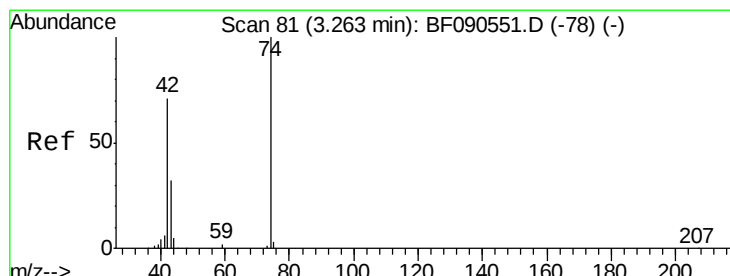
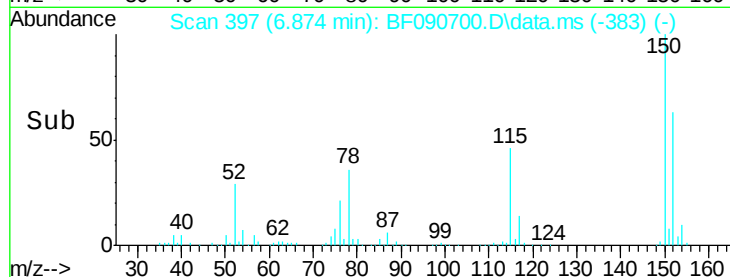
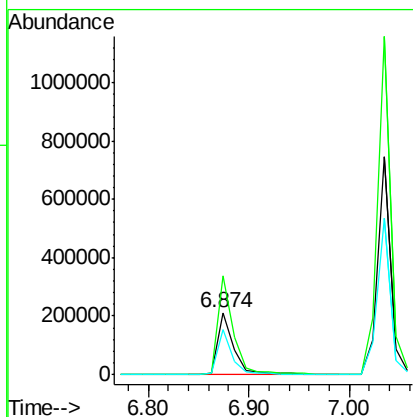
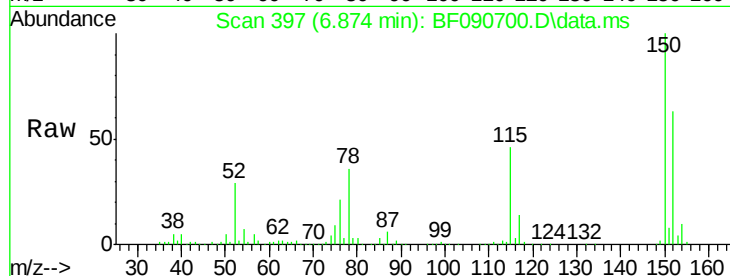




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.874 min Scan# 39
 Delta R.T. -0.034 min
 Lab File: BF090700.D
 Acq: 20 Oct 2016 23:25

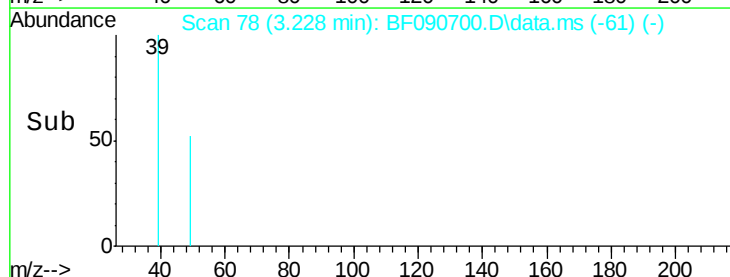
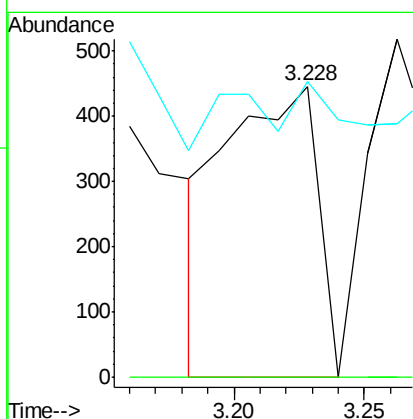
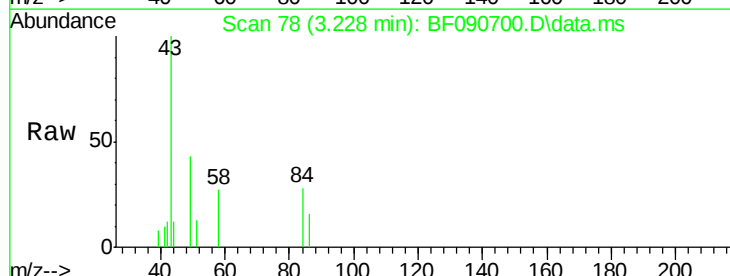
Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

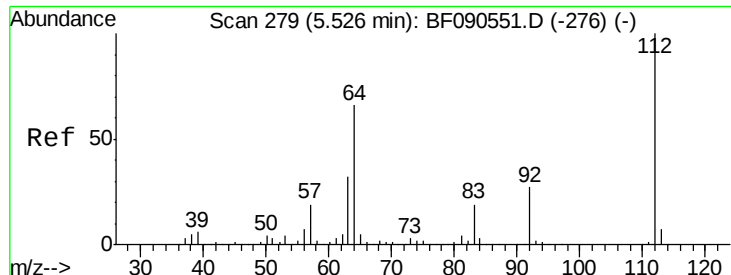
Tot Ion:152 Resp: 231963
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.2 190.8
 115 73.5 58.6 88.0



#4
 n-Nitrosodimethylamine
 Concen: 7.33 ng
 RT: 3.228 min Scan# 78
 Delta R.T. -0.000 min
 Lab File: BF090700.D
 Acq: 20 Oct 2016 23:25

Tgt Ion: 42 Resp: 1089
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.3 169.9#
 44 101.6 6.0 9.0#





#5

2-Fluorophenol

Concen: 27.67 ng

RT: 5.492 min Scan# 27

Delta R.T. -0.023 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

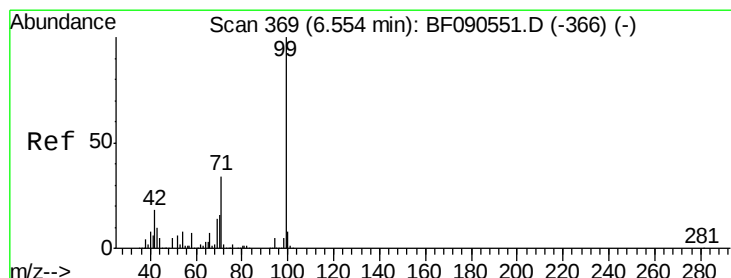
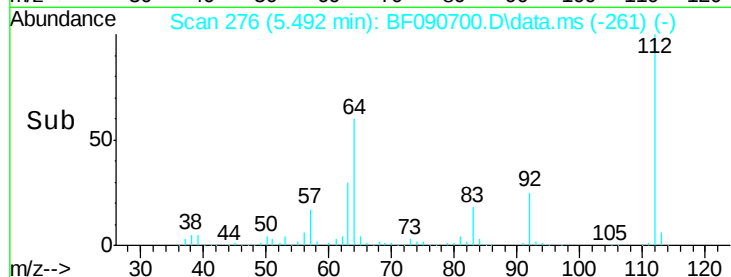
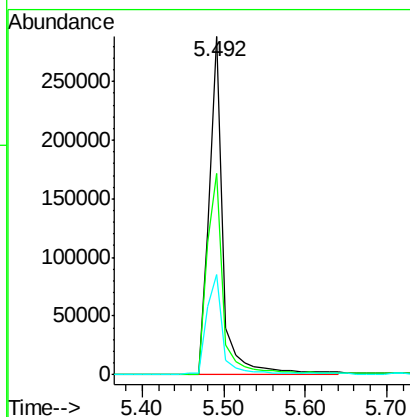
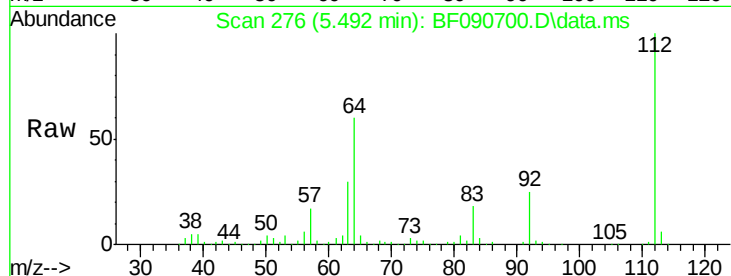
Tot Ion:112 Resp: 350127

Ion Ratio Lower Upper

112 100

64 59.7 52.6 78.8

63 29.7 26.0 39.0



#7

Phenol-d6

Concen: 17.67 ng

RT: 6.509 min Scan# 365

Delta R.T. -0.034 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

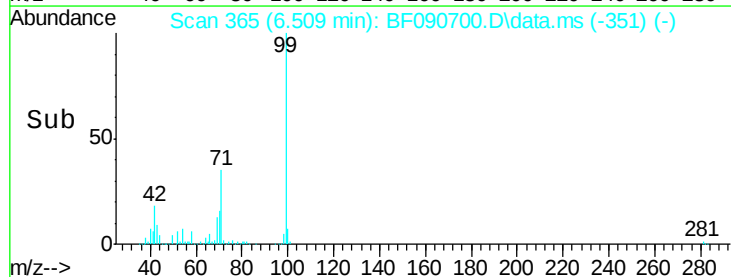
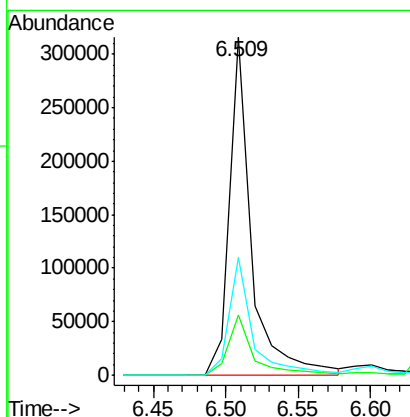
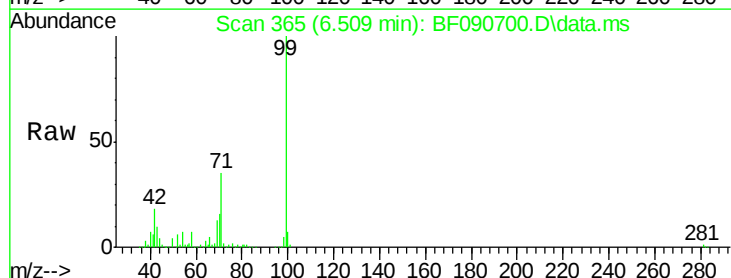
Tgt Ion: 99 Resp: 332191

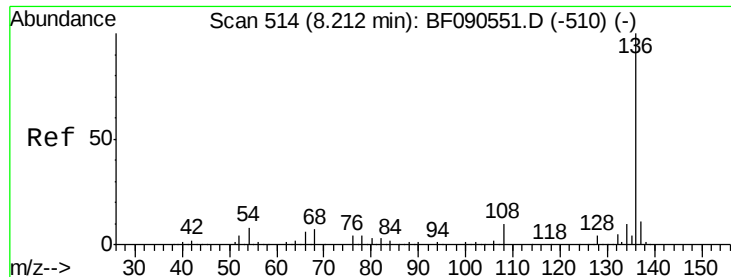
Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

71 34.7 27.6 41.4

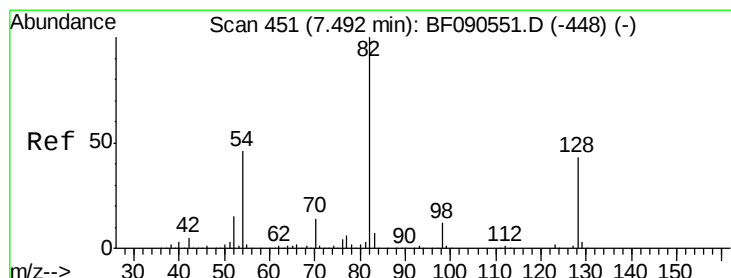
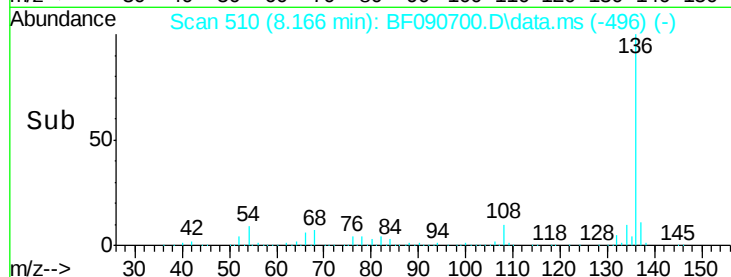
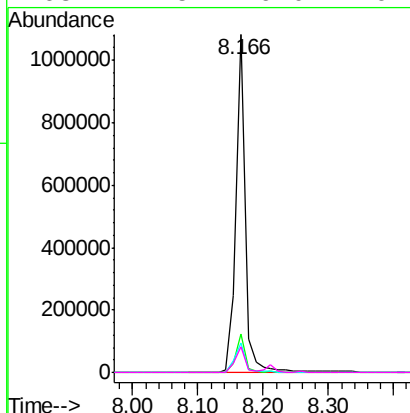
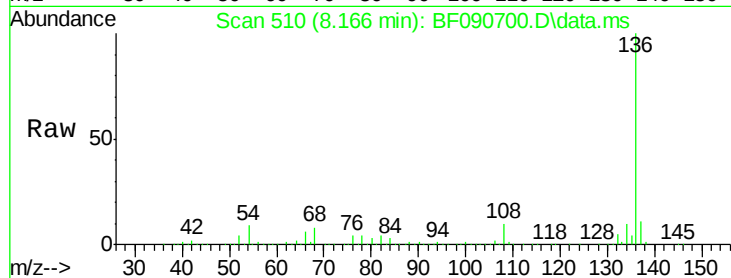




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.166 min Scan# 51
Delta R.T. -0.034 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

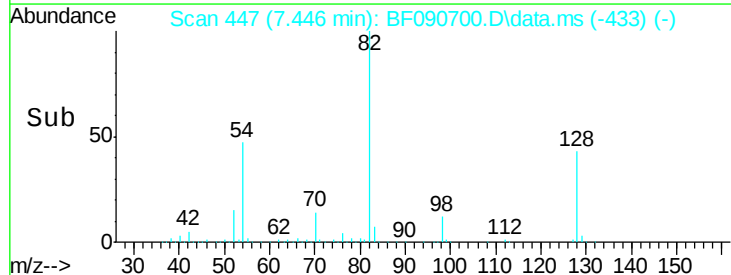
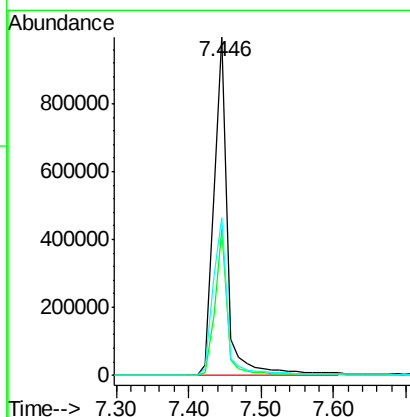
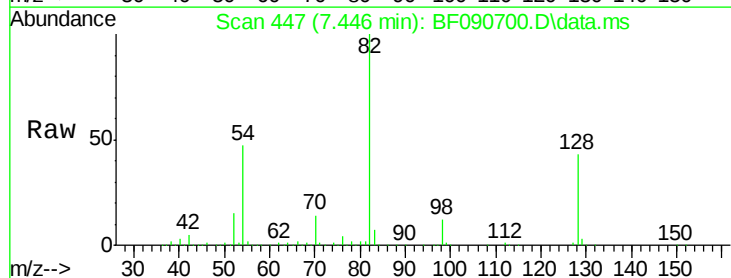
Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

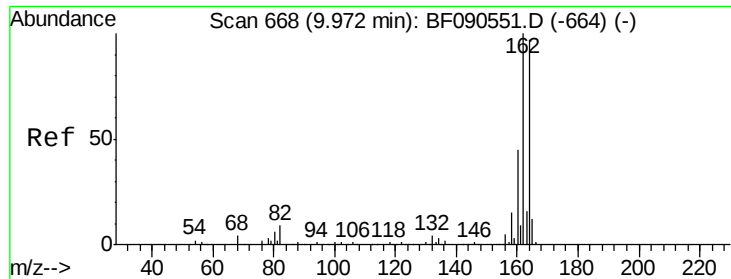
Tot Ion:136 Resp: 1066772
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.8 6.8 10.2
68 7.5 6.0 9.0



#23
Nitrobenzene-d5
Concen: 67.48 ng
RT: 7.446 min Scan# 447
Delta R.T. -0.034 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

Tgt 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: 9.926 min Scan# 66

Delta R.T. -0.034 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

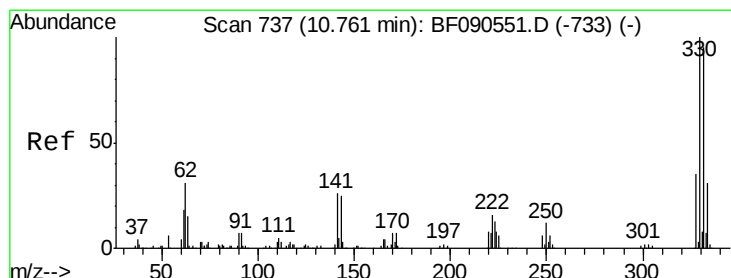
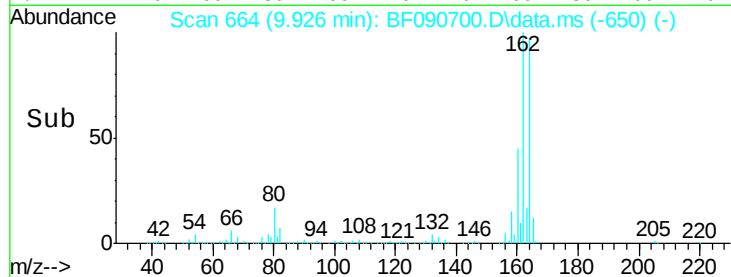
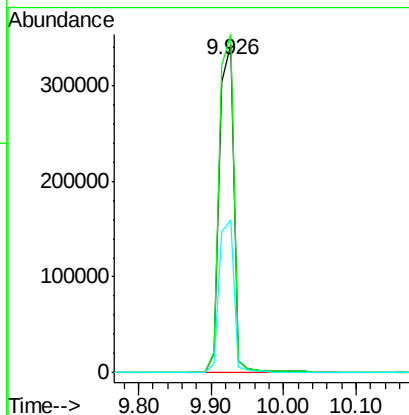
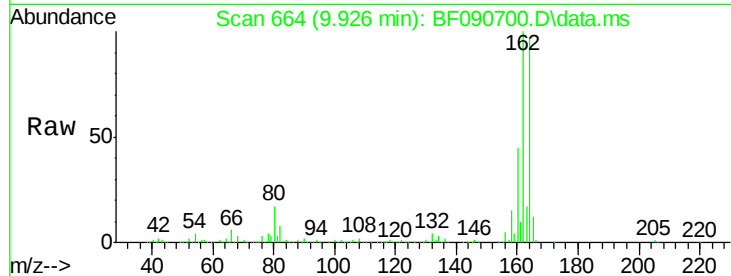
Tot Ion:164 Resp: 477242

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: 10.715 min Scan# 733

Delta R.T. -0.034 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

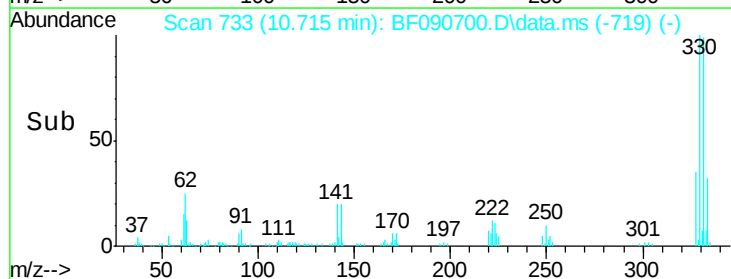
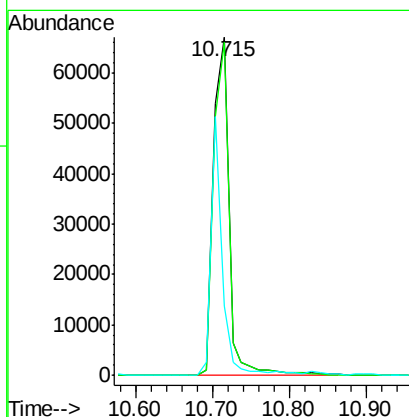
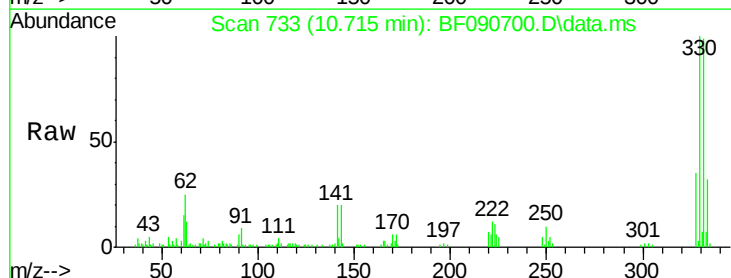
Tgt Ion:330 Resp: 95165

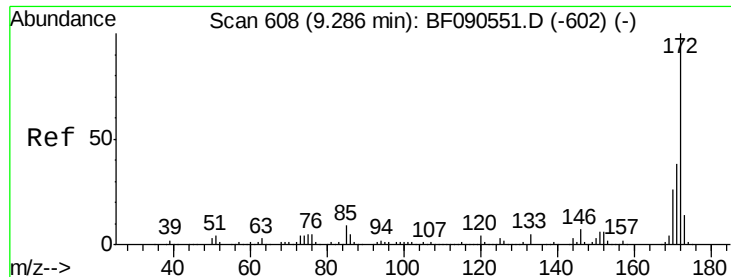
Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.2

141 54.5 31.4 47.2#

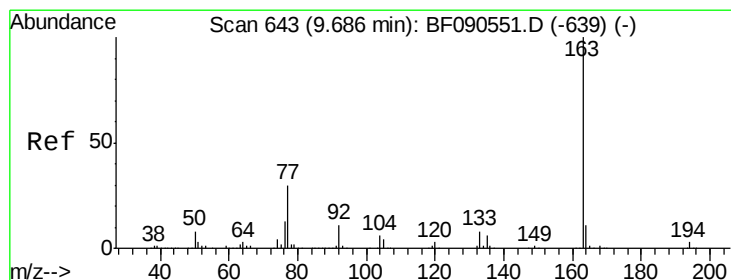
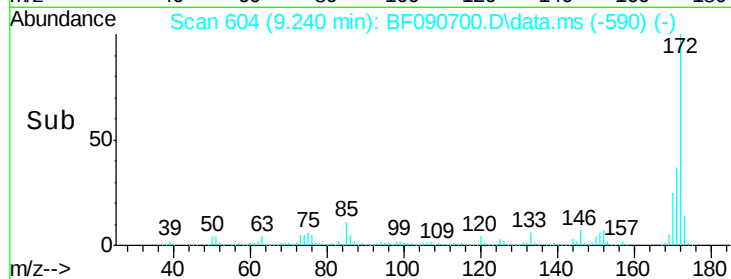
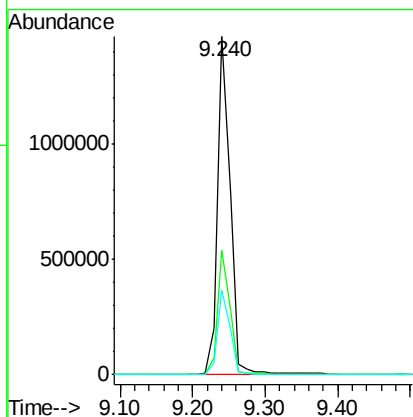
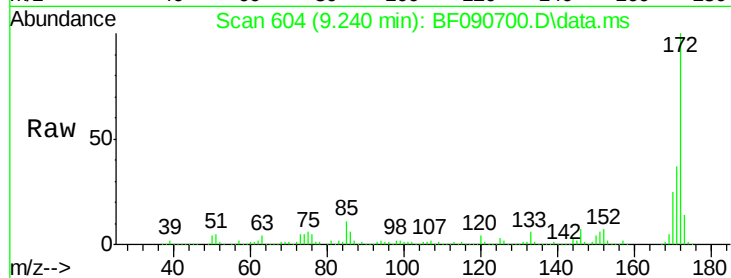




#44
2-Fluorobiphenyl
Concen: 61.29 ng
RT: 9.240 min Scan# 60
Delta R.T. -0.034 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

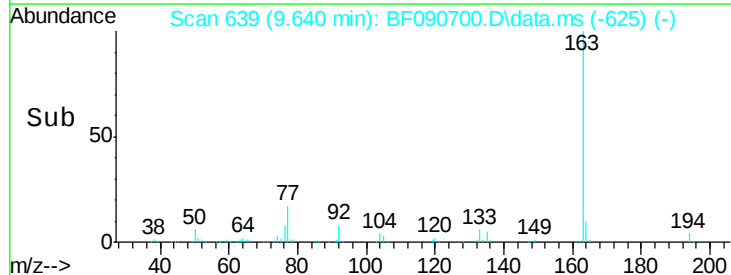
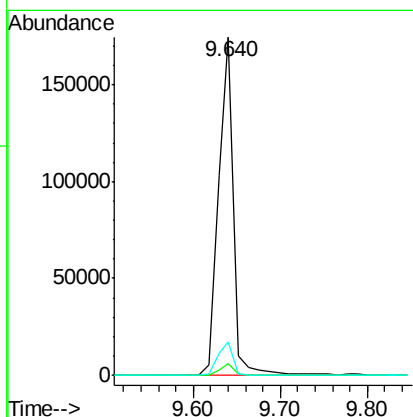
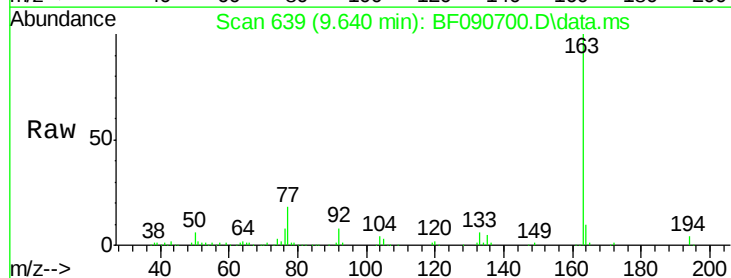
Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

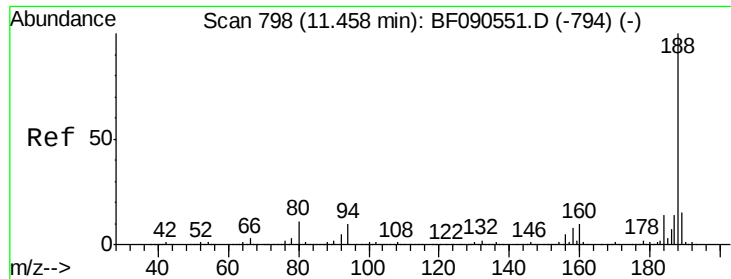
Tot Ion:172 Resp: 1775343
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 24.9 20.6 30.8



#49
Dimethylphthalate
Concen: 6.80 ng
RT: 9.640 min Scan# 639
Delta R.T. -0.034 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

Tgt Ion:163 Resp: 210702
Ion Ratio Lower Upper
163 100
194 3.6 2.3 3.5#
164 9.9 8.6 13.0

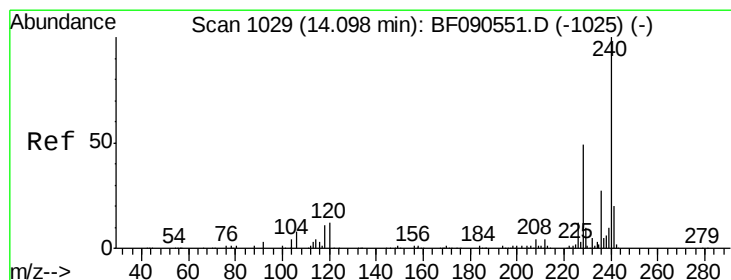
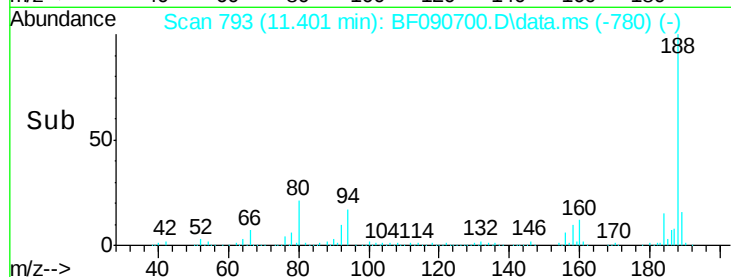
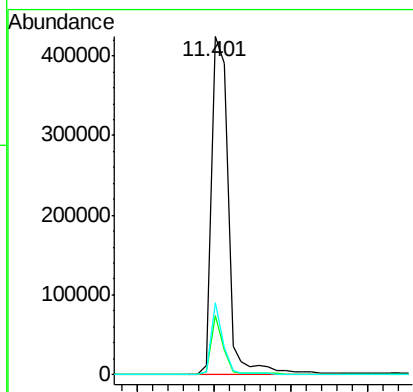
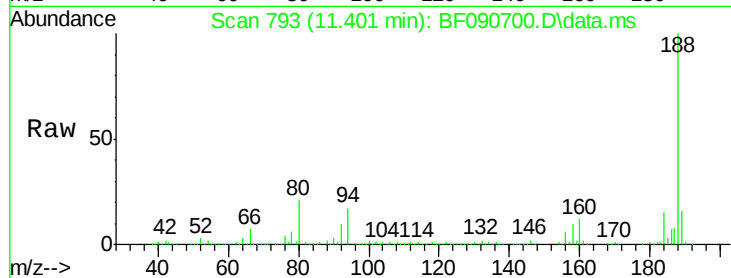




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.401 min Scan# 79
Delta R.T. -0.046 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

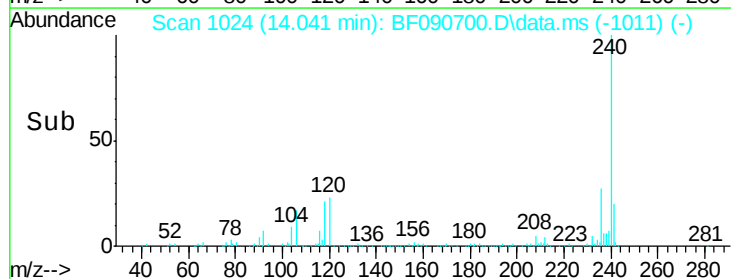
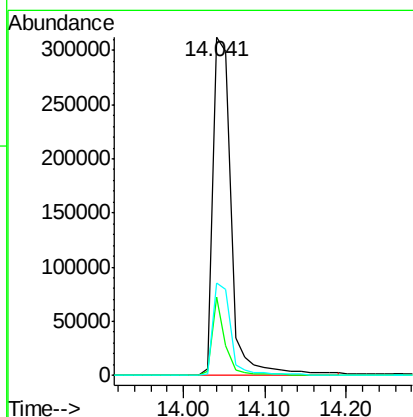
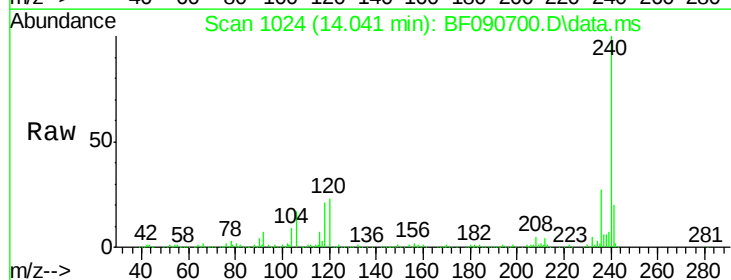
Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

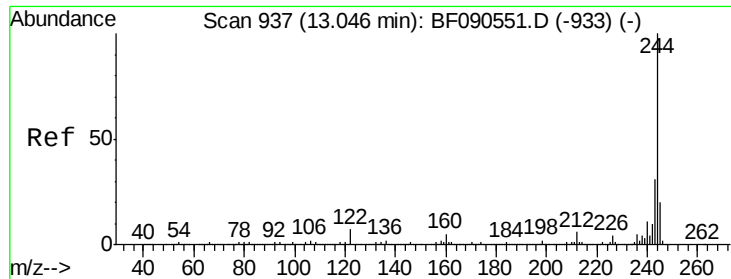
Tot Ion:188 Resp: 641619
Ion Ratio Lower Upper
188 100
94 17.3 7.7 11.5#
80 21.1 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.041 min Scan# 1024
Delta R.T. -0.046 min
Lab File: BF090700.D
Acq: 20 Oct 2016 23:25

Tgt Ion:240 Resp: 489763
Ion Ratio Lower Upper
240 100
120 23.1 9.8 14.8#
236 27.3 21.7 32.5





#78

Terphenyl-d14

Concen: 67.82 ng

RT: 13.001 min Scan# 93

Delta R.T. -0.034 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

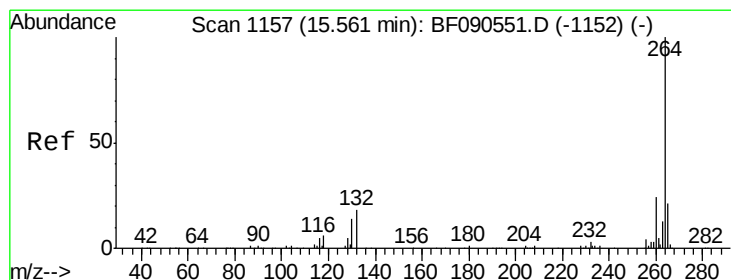
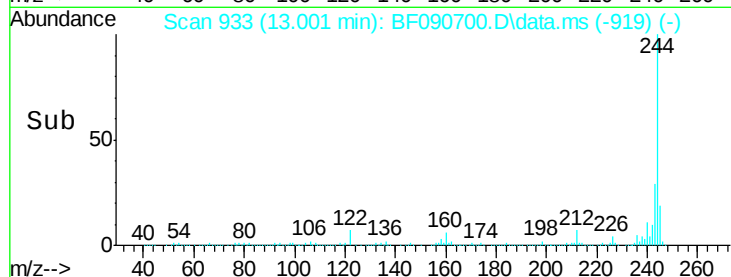
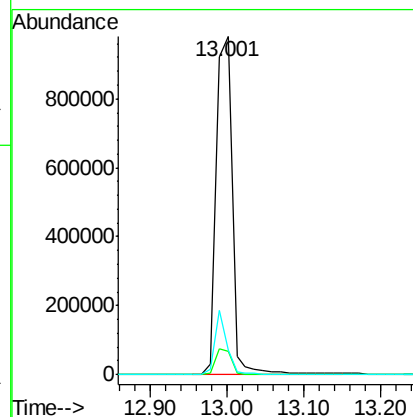
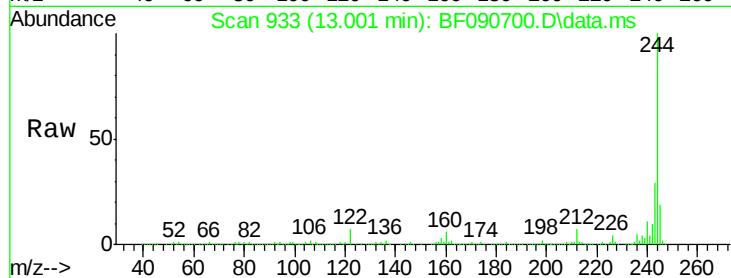
Tot Ion:244 Resp: 1426531

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 7.2 5.6 8.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.492 min Scan# 1151

Delta R.T. -0.046 min

Lab File: BF090700.D

Acq: 20 Oct 2016 23:25

Tgt Ion:264 Resp: 371982

Ion Ratio Lower Upper

264 100

260 25.3 19.3 28.9

265 21.7 16.7 25.1

