

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090649.D
 Acq On : 19 Oct 2016 15:59
 Operator : UM/SJ
 Sample : H5291-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Quant Time: Oct 19 17:03:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

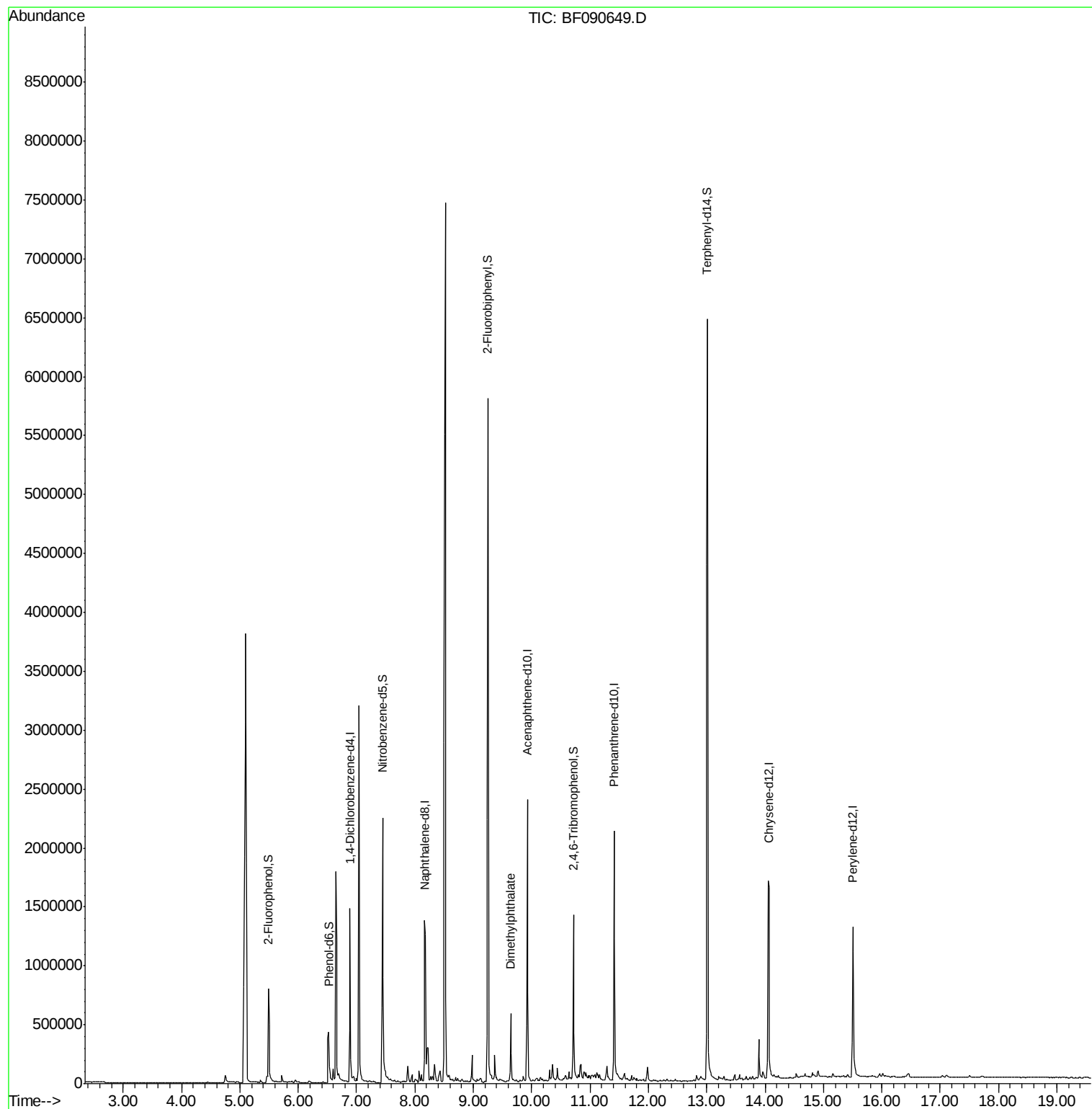
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	246530	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1073599	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	597475	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1043306	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	890787	20.00	ng	0.00
86) Perylene-d12	15.50	264	673158	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	295078	21.94	ng	0.00
7) Phenol-d6	6.52	99	248541	12.44	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1113519	57.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	174918	32.84	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2151883	59.34	ng	-0.01
78) Terphenyl-d14	13.01	244	2709363	70.82	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.64	163	293683	7.58	ng	Qvalue 99

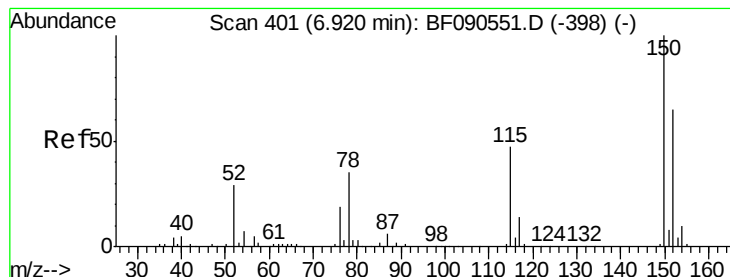
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090649.D
Acq On : 19 Oct 2016 15:59
Operator : UM/SJ
Sample : H5291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Quant Time: Oct 19 17:03:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090649.D

Acq: 19 Oct 2016 15:59

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

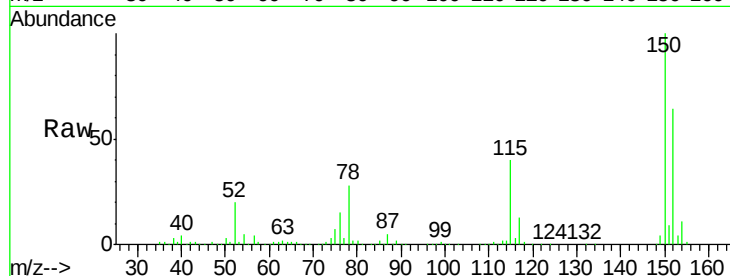
Tot Ion:152 Resp: 246530

Ion Ratio Lower Upper

152 100

150 155.6 127.2 190.8

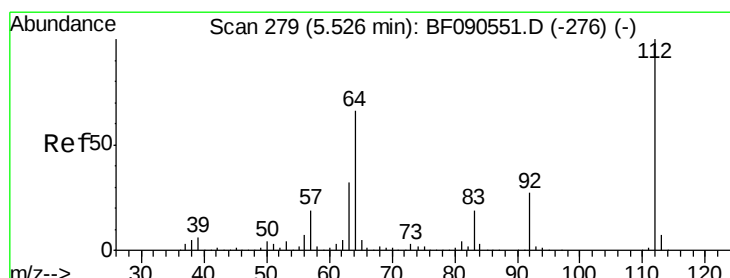
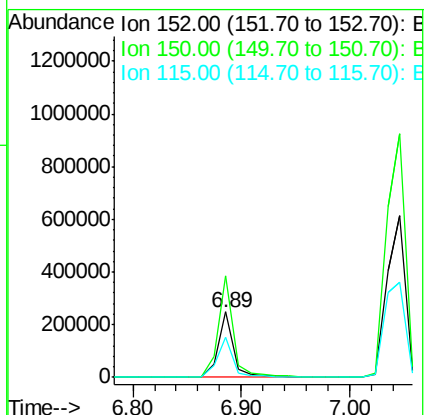
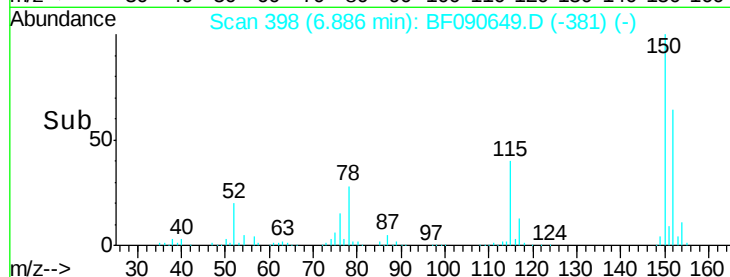
115 61.9 58.6 88.0



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: 21.94 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090649.D

Acq: 19 Oct 2016 15:59

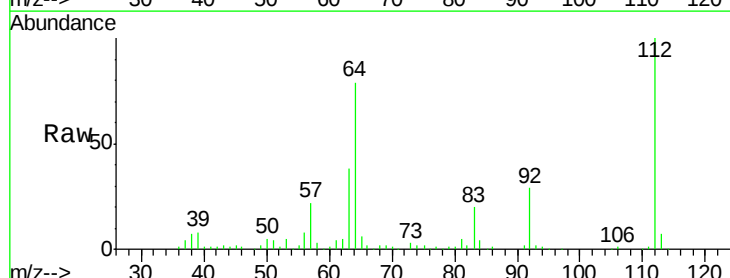
Tgt Ion:112 Resp: 295078

Ion Ratio Lower Upper

112 100

64 78.7 52.6 78.8

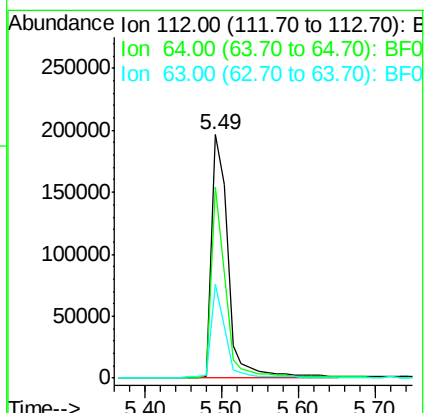
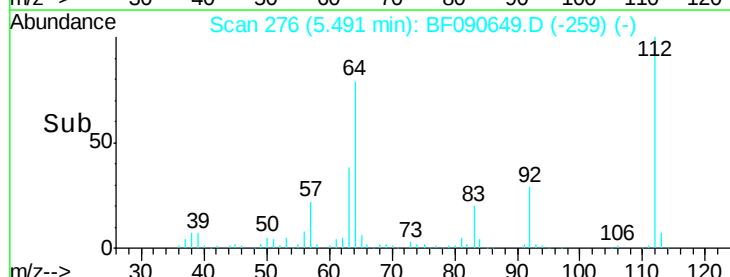
63 38.4 26.0 39.0

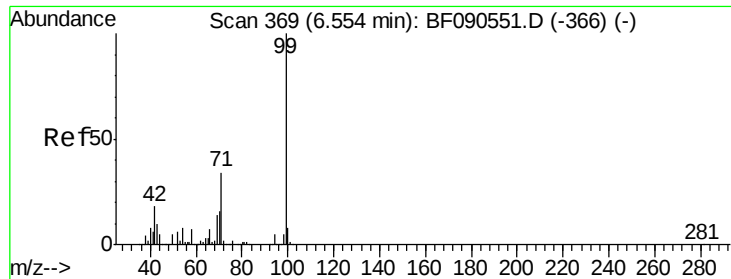


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.44 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090649.D

Acq: 19 Oct 2016 15:59

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

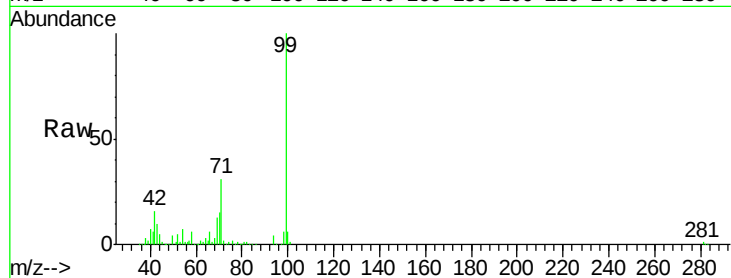
Tot Ion: 99 Resp: 248541

Ion Ratio Lower Upper

99 100

42 16.4 14.7 22.1

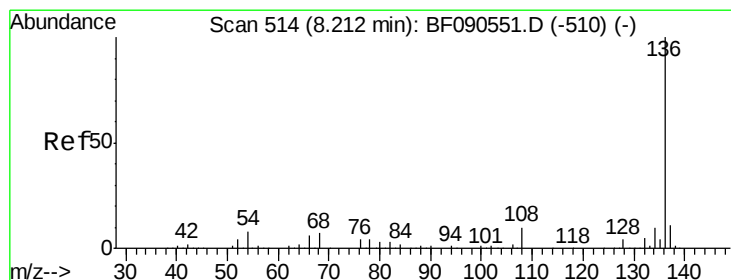
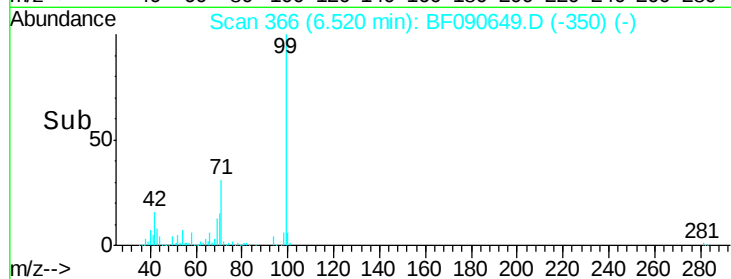
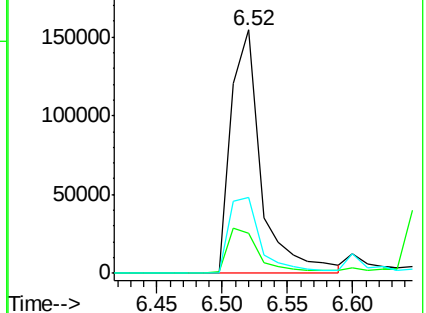
71 31.3 27.6 41.4



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: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090649.D

Acq: 19 Oct 2016 15:59

Tgt Ion: 136 Resp: 1073599

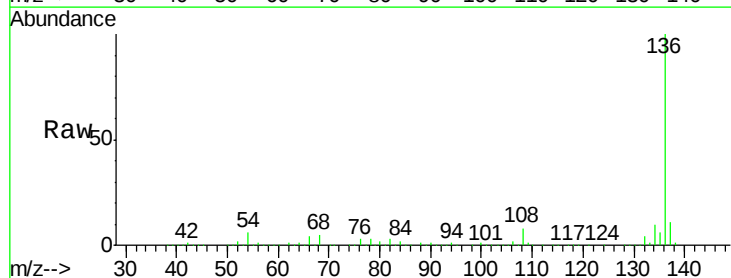
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.6 6.8 10.2#

68 5.5 6.0 9.0#

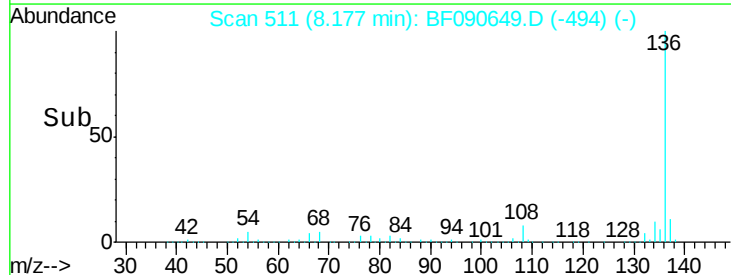
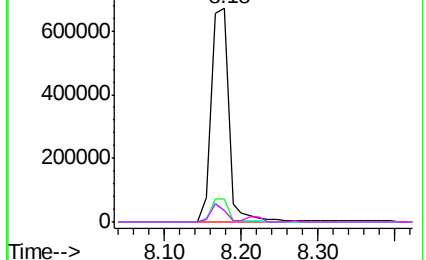


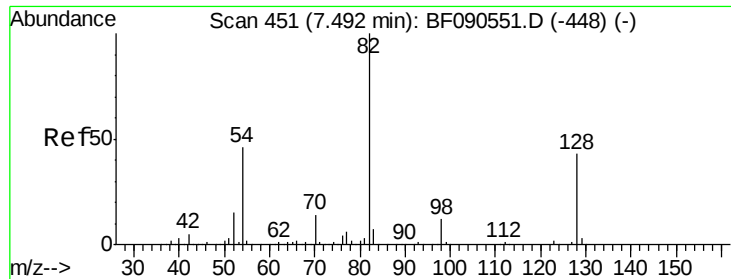
Abundance Ion 136.00 (135.70 to 136.70): E

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

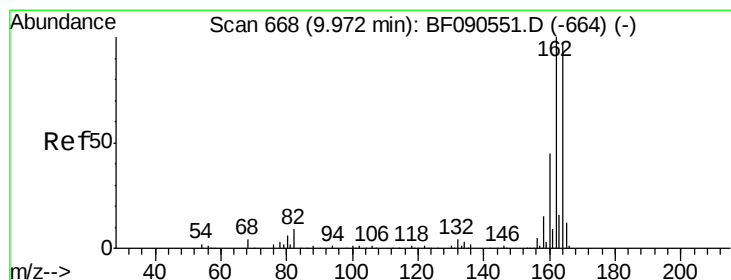
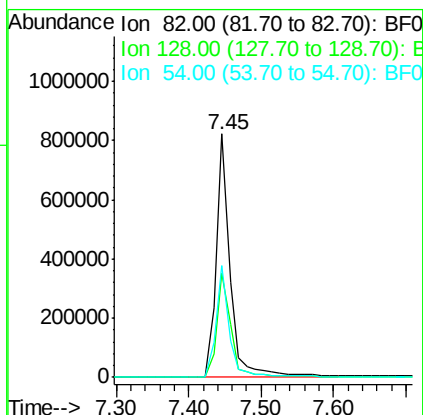
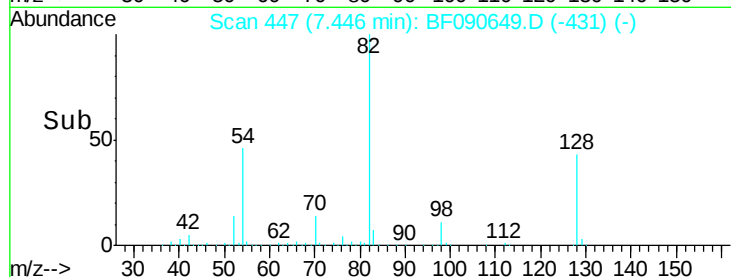
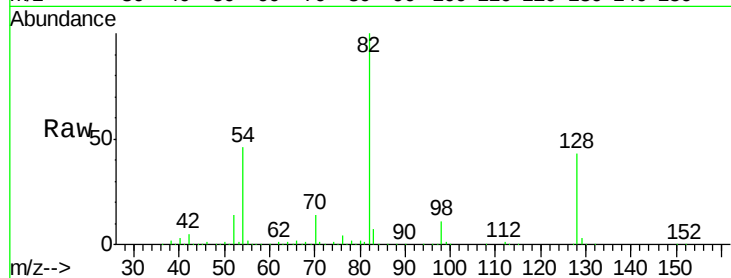




#23
 Nitrobenzene-d5
 Concen: 57.62 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090649.D
 Acq: 19 Oct 2016 15:59

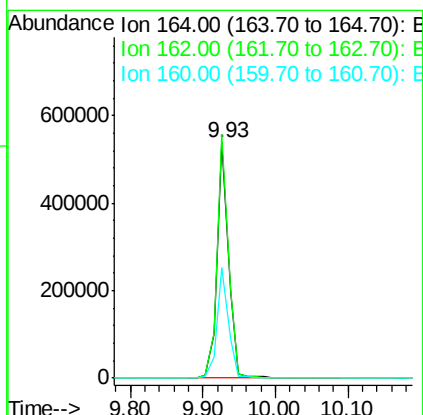
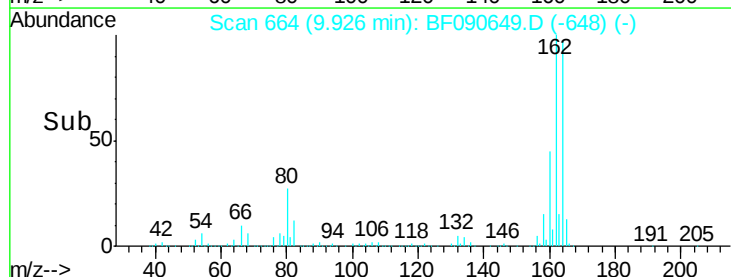
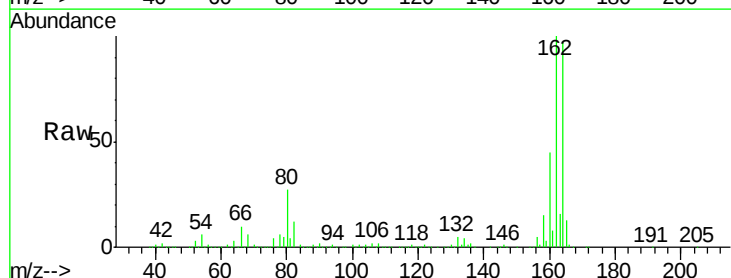
Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

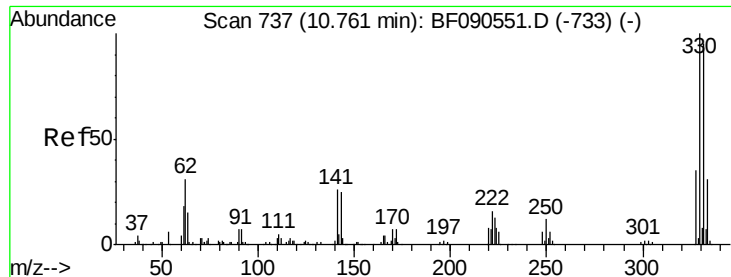
Tot Ion: 82 Resp: 1113519
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.3 51.5
 54 45.8 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090649.D
 Acq: 19 Oct 2016 15:59

Tgt Ion:164 Resp: 597475
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.2 123.4
 160 46.9 36.6 55.0

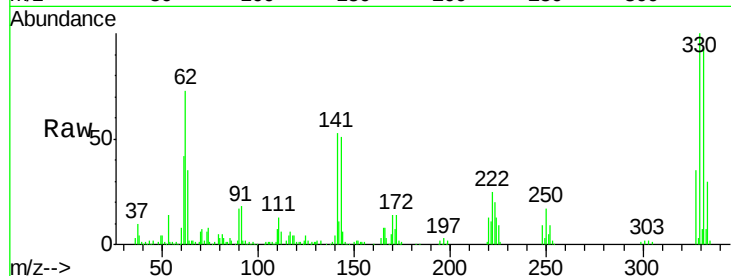




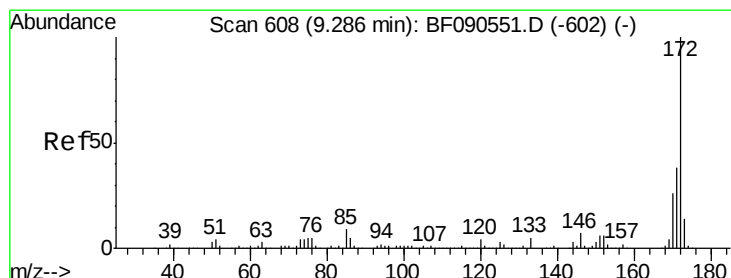
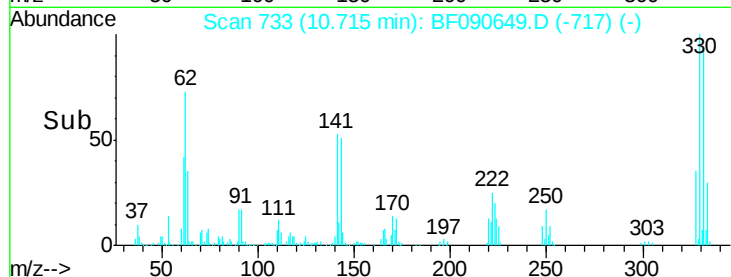
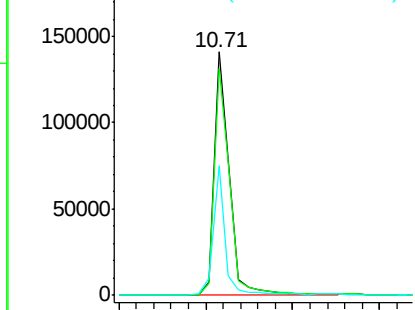
#41
 2,4,6-Tribromophenol
 Concen: 32.84 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090649.D
 Acq: 19 Oct 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion:330 Resp: 174918
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.2
 141 42.0 31.4 47.2

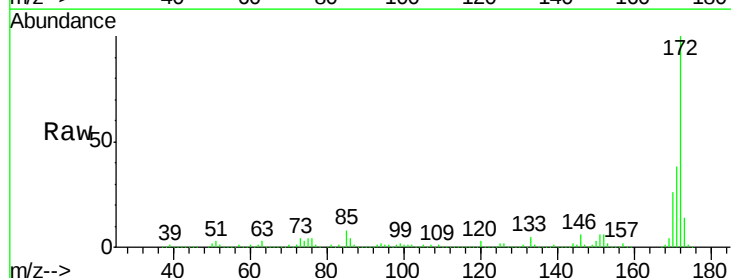


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

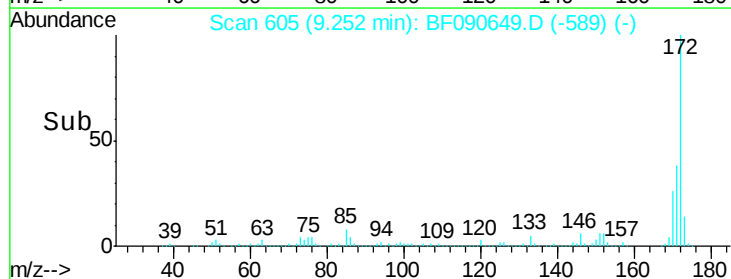
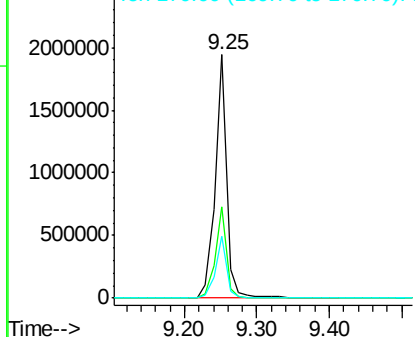


#44
 2-Fluorobiphenyl
 Concen: 59.34 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090649.D
 Acq: 19 Oct 2016 15:59

Tgt Ion:172 Resp: 2151883
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 25.5 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: 7.58 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF090649.D

Acq: 19 Oct 2016 15:59

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

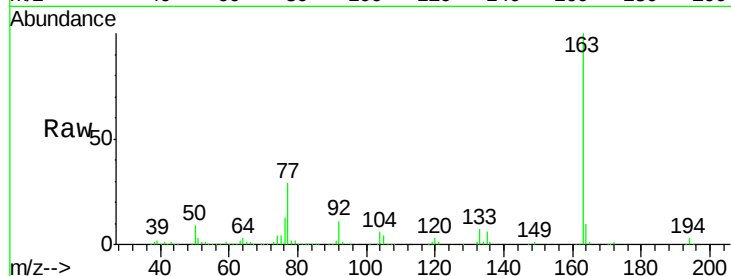
Tot Ion:163 Resp: 293683

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

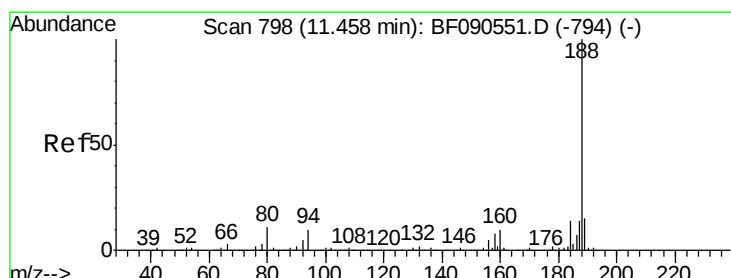
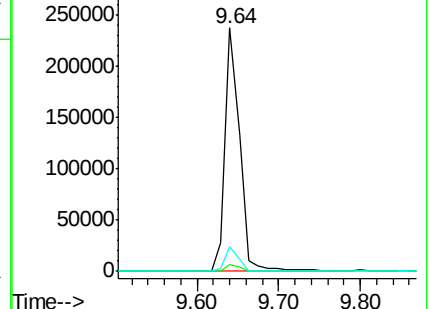
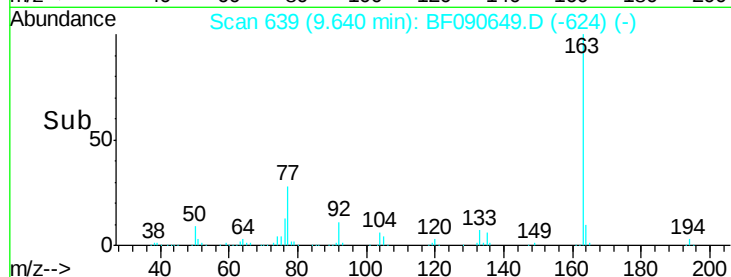
164 10.3 8.6 13.0



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: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090649.D

Acq: 19 Oct 2016 15:59

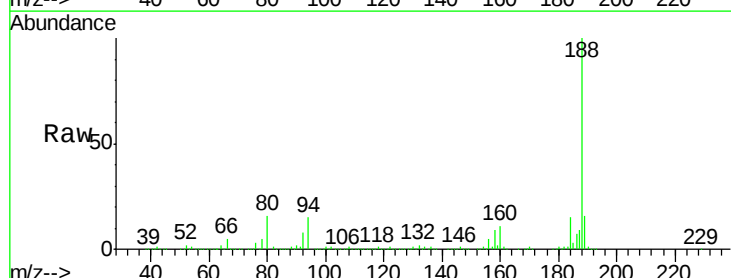
Tgt Ion:188 Resp: 1043306

Ion Ratio Lower Upper

188 100

94 14.8 7.7 11.5#

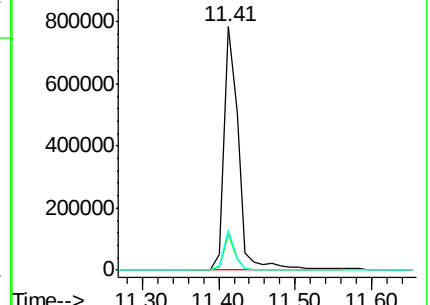
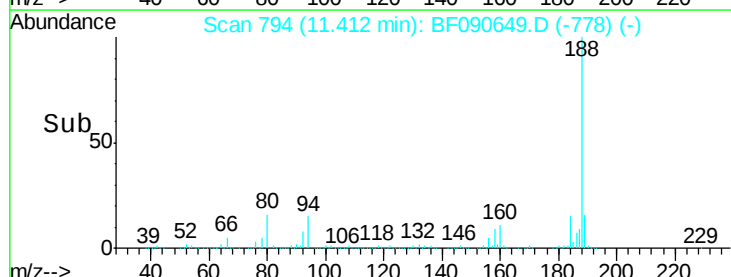
80 16.4 8.6 12.8#

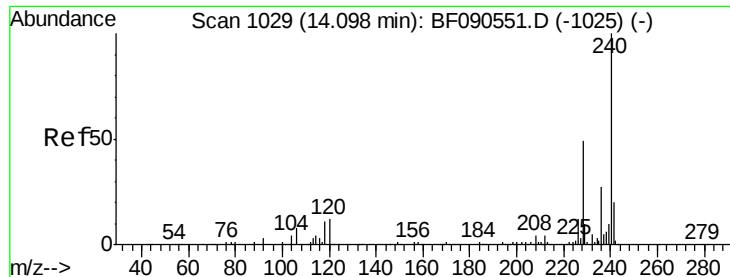


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF090649.D

Acq: 19 Oct 2016 15:59

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

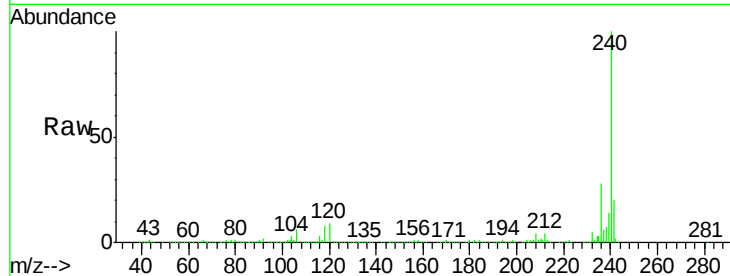
Tot Ion:240 Resp: 890787

Ion Ratio Lower Upper

240 100

120 9.1 9.8 14.8#

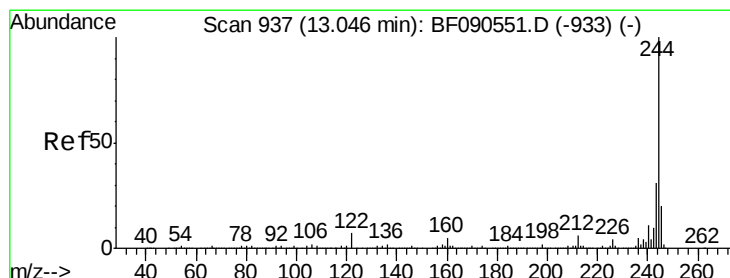
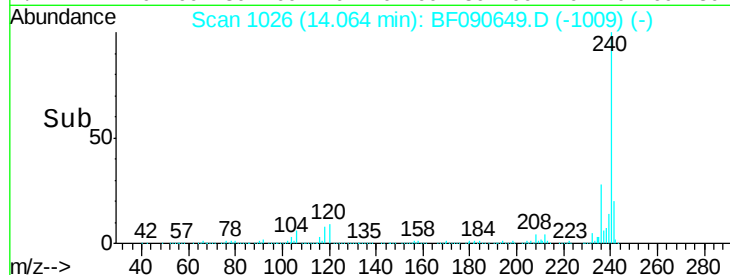
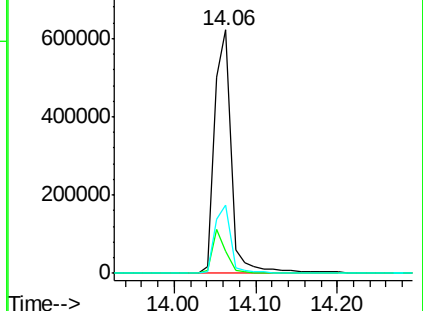
236 28.1 21.7 32.5



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: 70.82 ng

RT: 13.01 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF090649.D

Acq: 19 Oct 2016 15:59

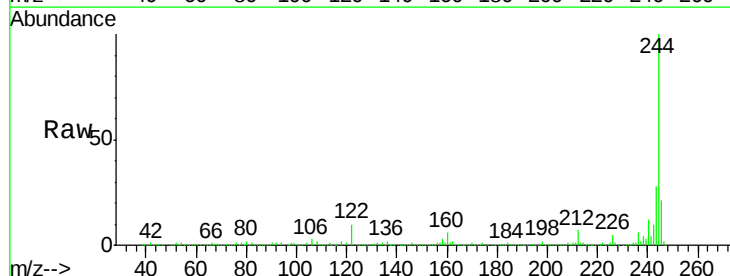
Tgt Ion:244 Resp: 2709363

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

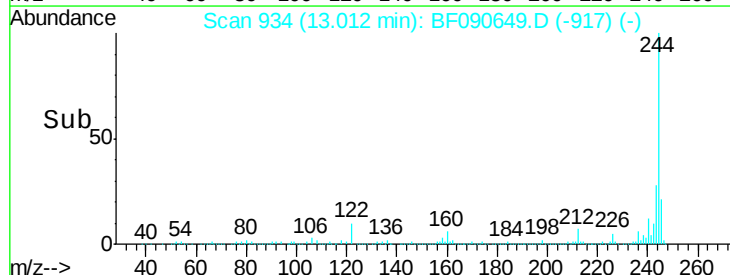
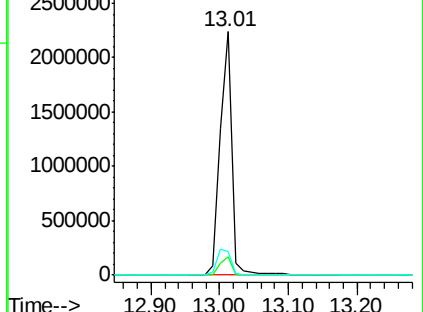
122 9.5 5.6 8.4#

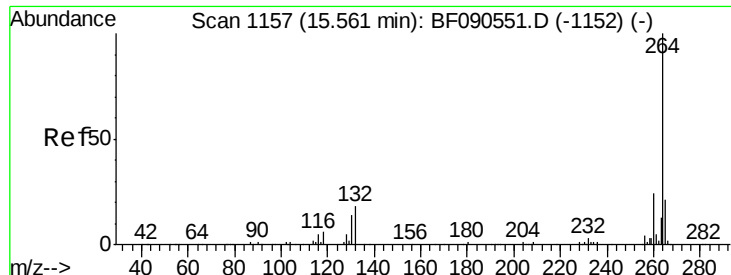


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

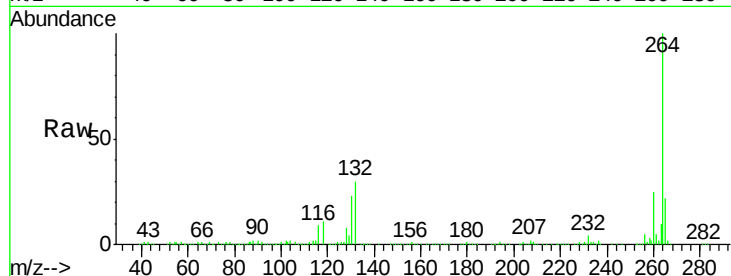




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090649.D
 Acq: 19 Oct 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion:264 Resp: 673158
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.3 28.9
 265 21.9 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

