

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094376.D
 Acq On : 12 Apr 2017 3:13
 Operator : SJ/MA
 Sample : I2621-02 25X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Quant Time: Apr 12 05:14:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

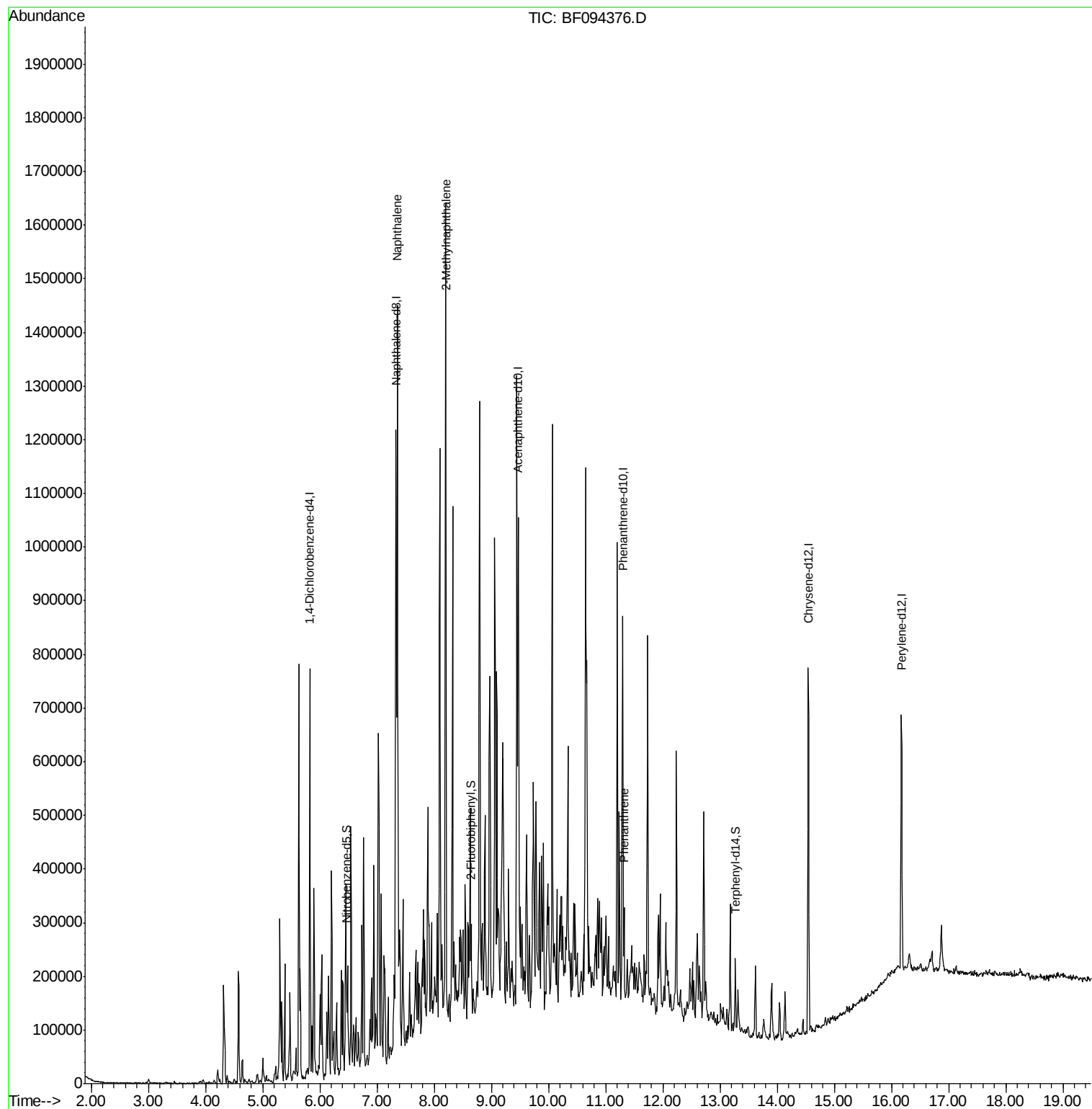
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	115842	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	435964	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	178511	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	287922	20.00	ng	-0.02
75) Chrysene-d12	14.54	240	262653	20.00	ng	-0.03
86) Perylene-d12	16.17	264	193120	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	7484	1.09	ng	0.00
7) Phenol-d6	5.46	99	8082	0.95	ng	0.00
23) Nitrobenzene-d5	6.47	82	25658	3.36	ng	-0.04
41) 2,4,6-Tribromophenol	10.45	330	1856	1.32	ng	-0.03
44) 2-Fluorobiphenyl	8.65	172	56620	4.84	ng	-0.04
78) Terphenyl-d14	13.27	244	39936	3.41	ng	-0.03
Target Compounds						
31) Naphthalene	7.36	128	426581	20.35	ng	99
37) 2-Methylnaphthalene	8.20	142	463440	33.16	ng	98
70) Phenanthrene	11.32	178	74369	4.64	ng	97

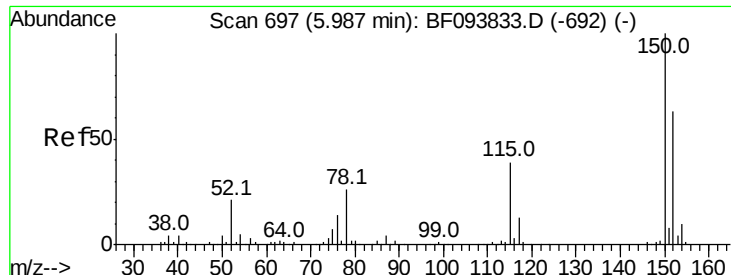
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094376.D
Acq On : 12 Apr 2017 3:13
Operator : SJ/MA
Sample : I2621-02 25X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Quant Time: Apr 12 05:14:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094376.D

Acq: 12 Apr 2017 3:13

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

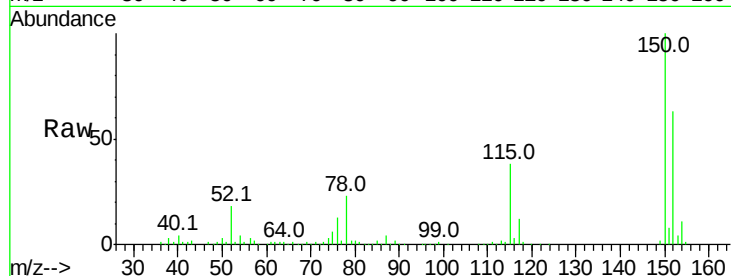
Tot Ion:152 Resp: 115842

Ion Ratio Lower Upper

152 100

150 158.9 126.2 189.2

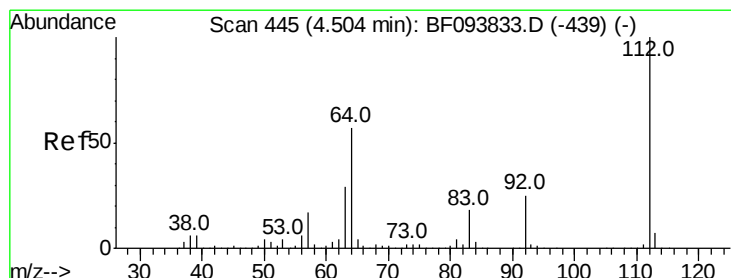
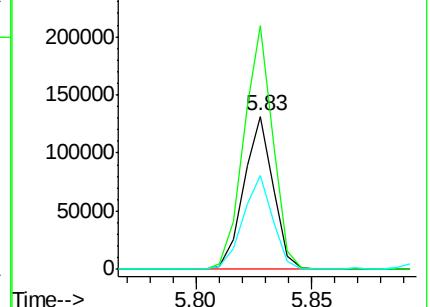
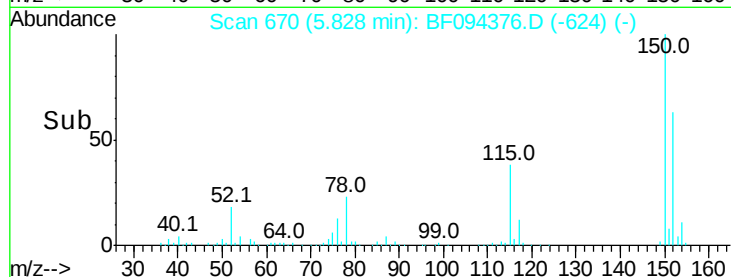
115 61.2 52.2 78.2



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: 1.09 ng

RT: 4.38 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF094376.D

Acq: 12 Apr 2017 3:13

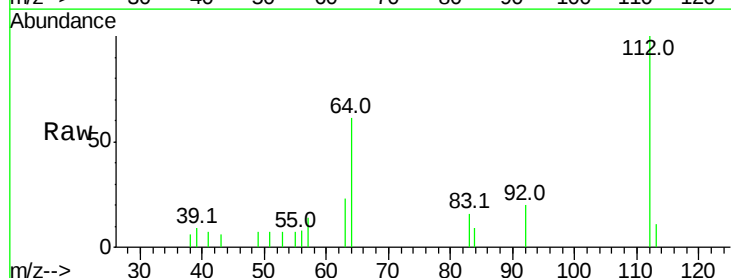
Tgt Ion:112 Resp: 7484

Ion Ratio Lower Upper

112 100

64 60.7 46.0 69.0

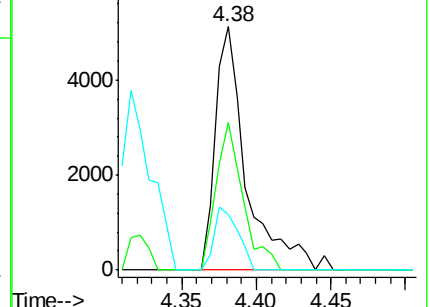
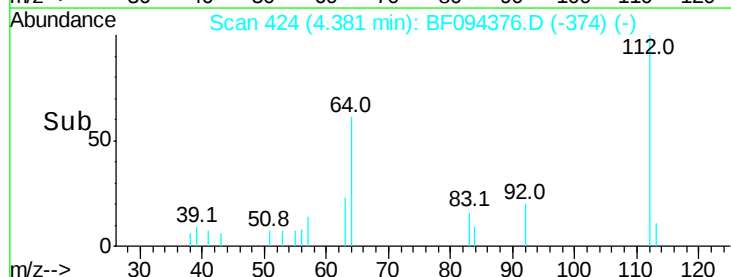
63 22.7 23.4 35.0#

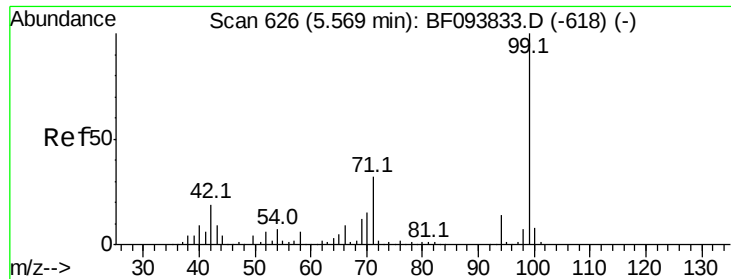


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.95 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094376.D

Acq: 12 Apr 2017 3:13

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

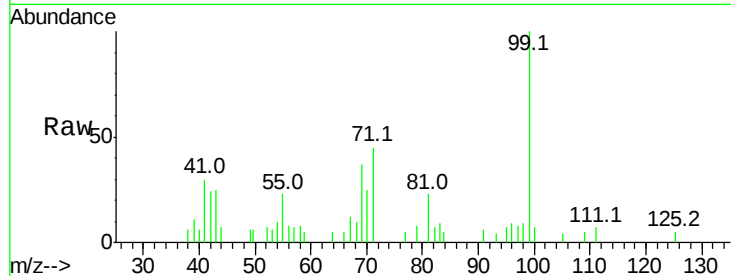
Tot Ion: 99 Resp: 8082

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

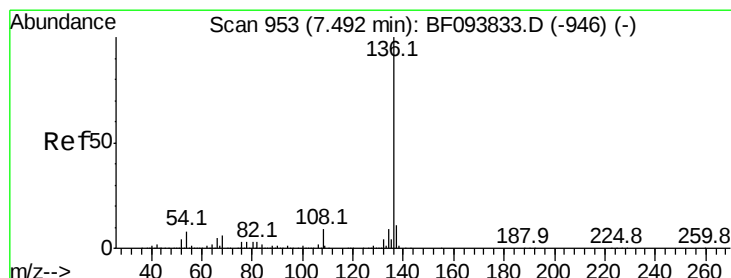
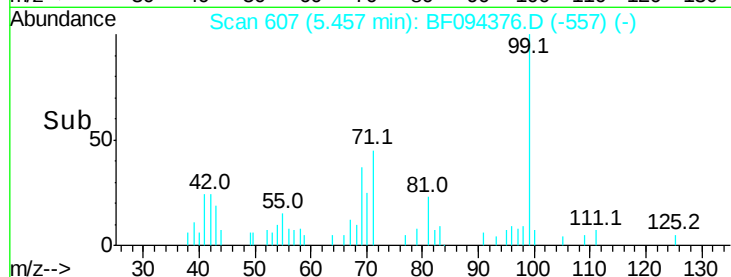
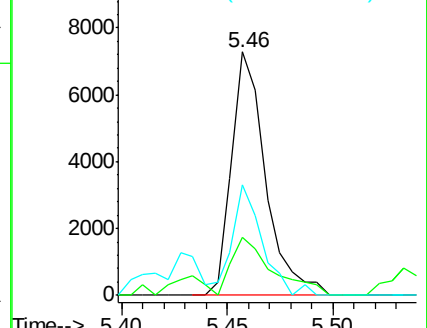
71 45.3 24.5 36.7#



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: 7.33 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF094376.D

Acq: 12 Apr 2017 3:13

Tgt Ion: 136 Resp: 435964

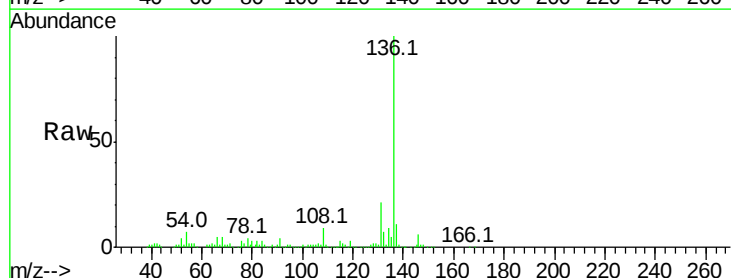
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

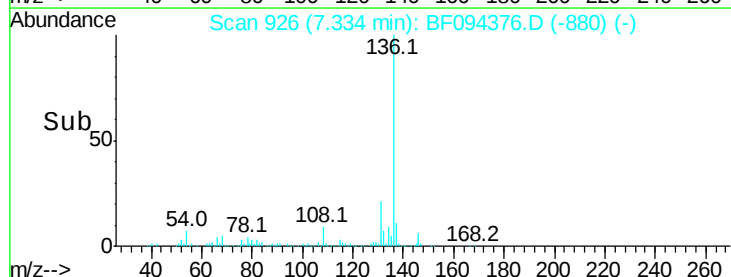
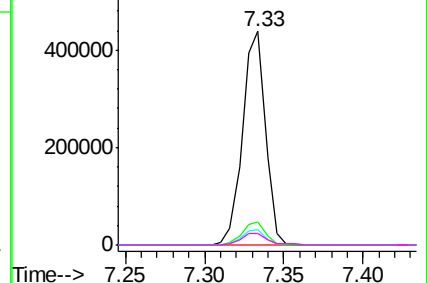


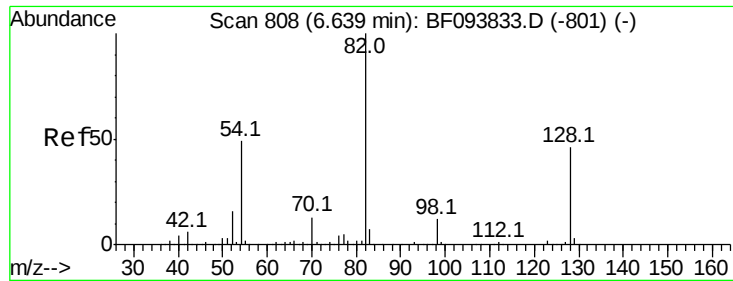
Abundance Ion 136.00 (135.70 to 136.70): E

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

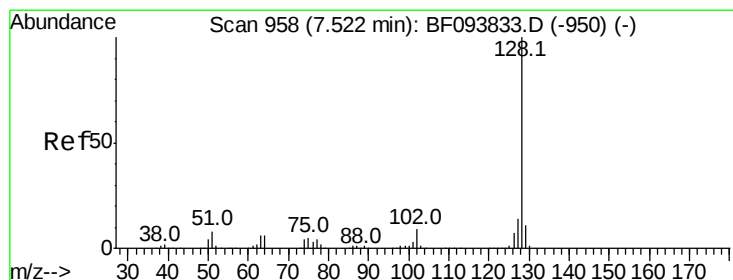
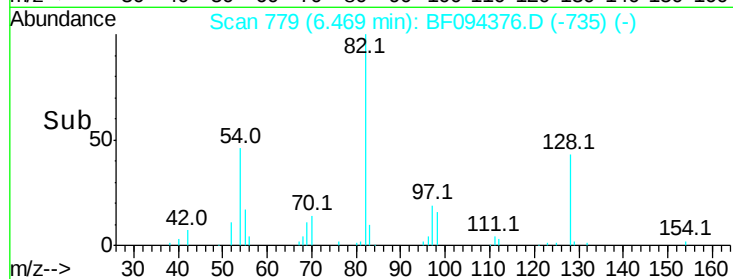
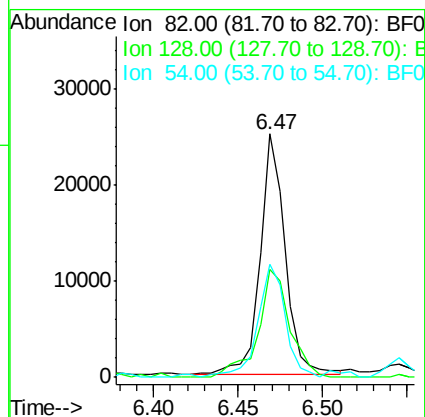
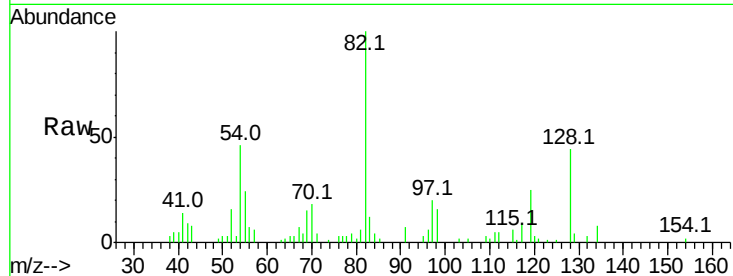




#23
 Nitrobenzene-d5
 Concen: 3.36 ng
 RT: 6.47 min Scan# 779
 Delta R.T. -0.04 min
 Lab File: BF094376.D
 Acq: 12 Apr 2017 3:13

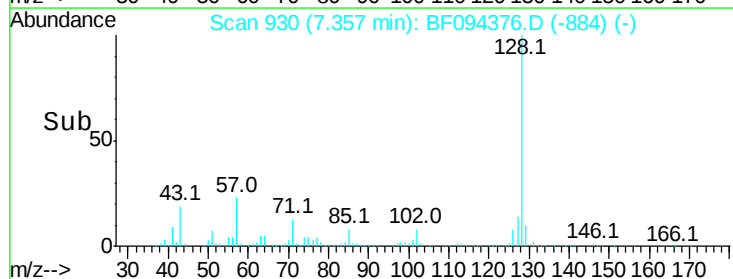
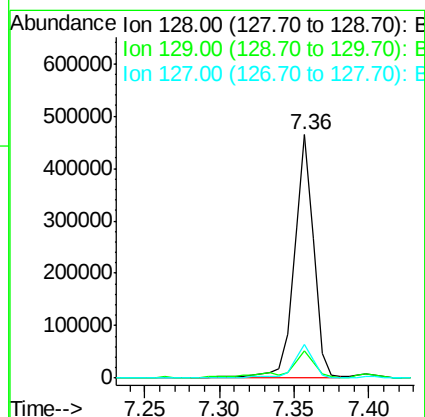
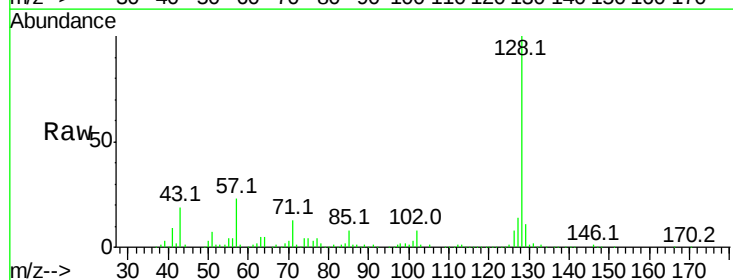
Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

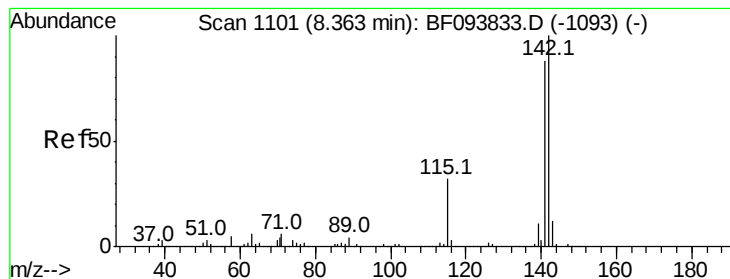
Tot Ion: 82 Resp: 25658
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.0 51.0
 54 46.3 42.2 63.2



#31
 Naphthalene
 Concen: 20.35 ng
 RT: 7.36 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF094376.D
 Acq: 12 Apr 2017 3:13

Tgt Ion: 128 Resp: 426581
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 14.1 10.8 16.2





#37

2-Methylnaphthalene

Concen: 33.16 ng

RT: 8.20 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF094376.D

Acq: 12 Apr 2017 3:13

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

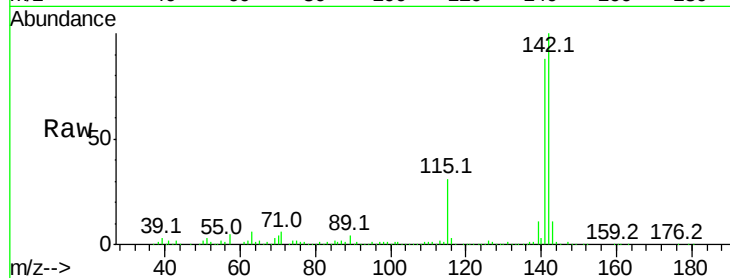
Tot Ion:142 Resp: 463440

Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

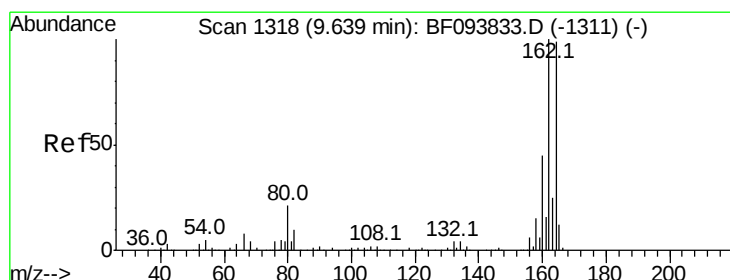
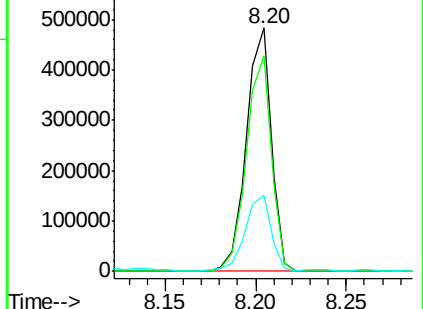
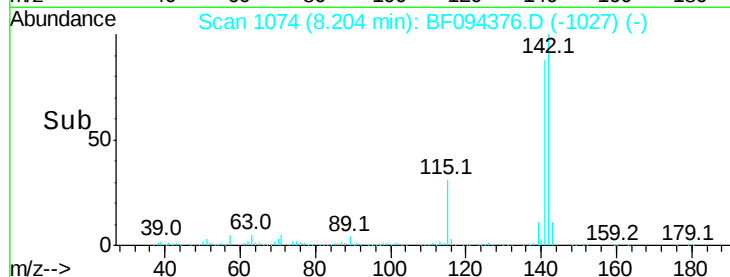
115 31.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.47 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF094376.D

Acq: 12 Apr 2017 3:13

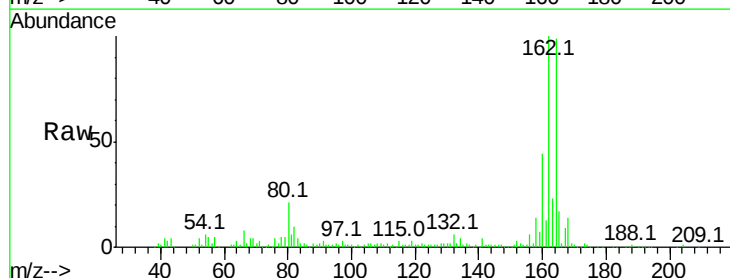
Tgt Ion:164 Resp: 178511

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

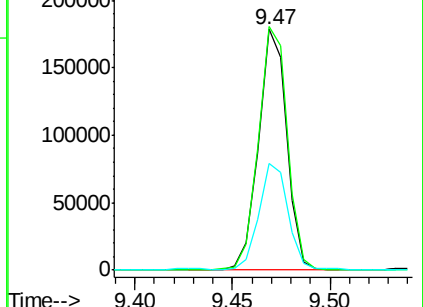
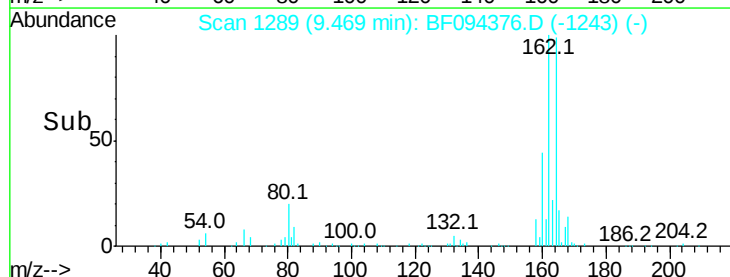
160 44.5 36.2 54.2



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

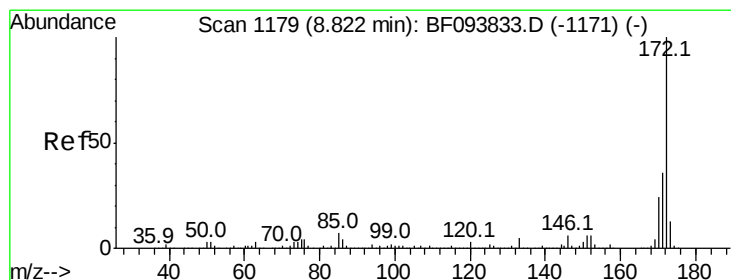
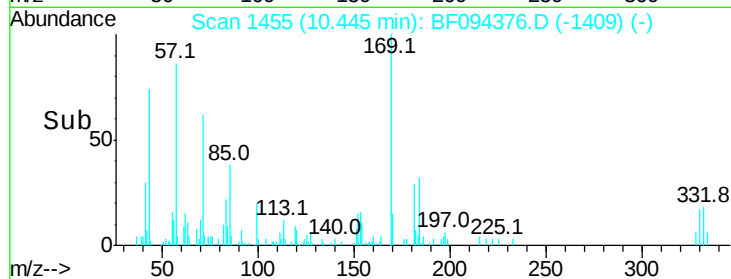
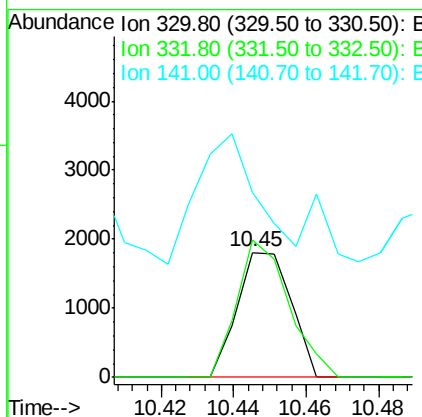
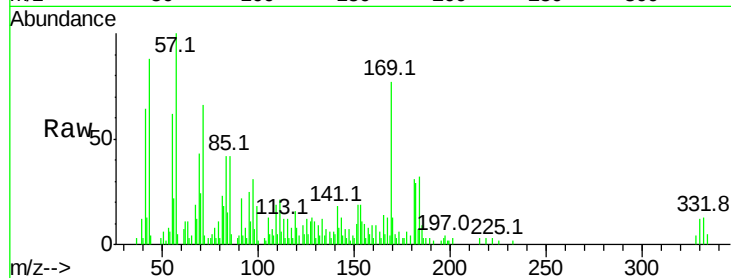




#41
 2,4,6-Tribromophenol
 Concen: 1.32 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094376.D
 Acq: 12 Apr 2017 3:13

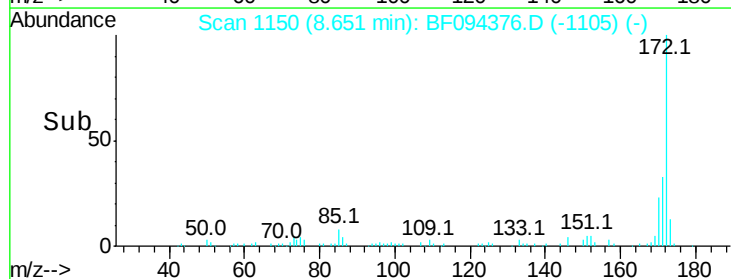
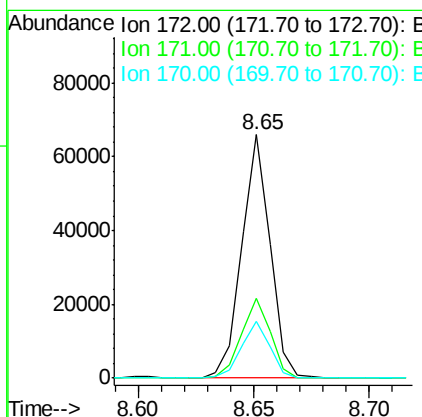
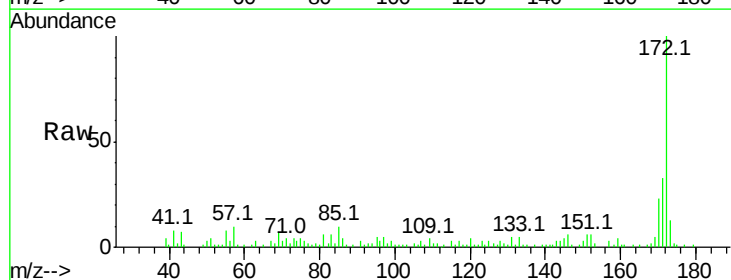
Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

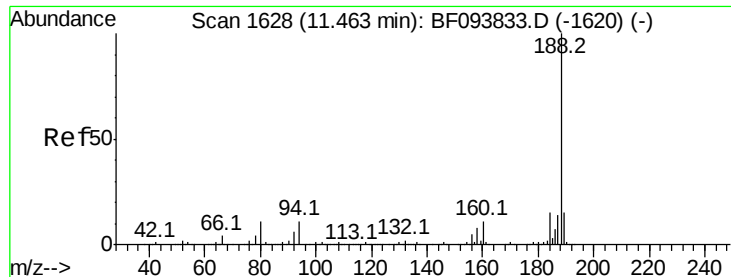
Tot Ion:330 Resp: 1856
 Ion Ratio Lower Upper
 330 100
 332 106.8 76.6 115.0
 141 118.9 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 4.84 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF094376.D
 Acq: 12 Apr 2017 3:13

Tgt Ion:172 Resp: 56620
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.6 44.4
 170 23.1 19.8 29.8

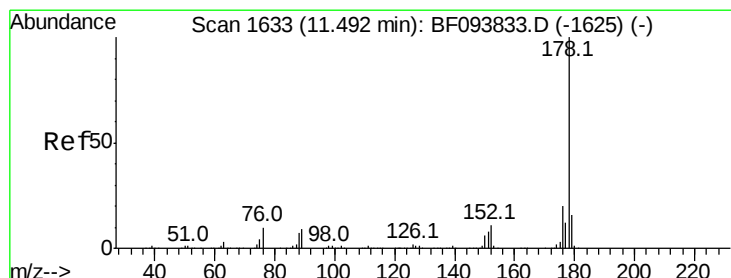
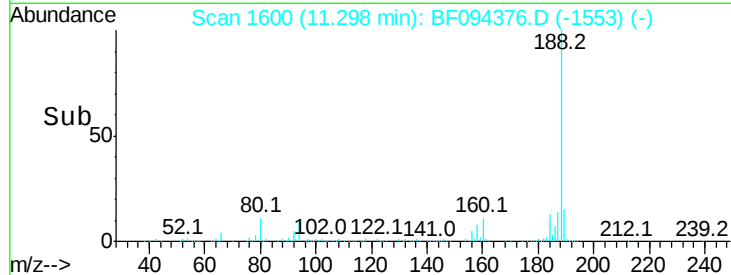
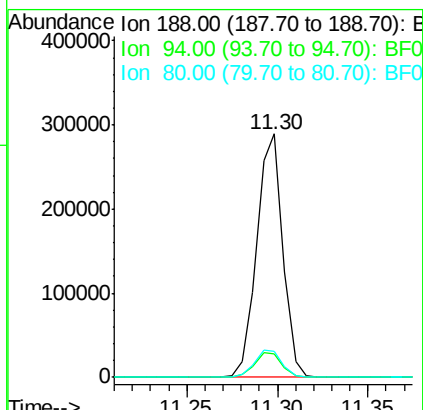
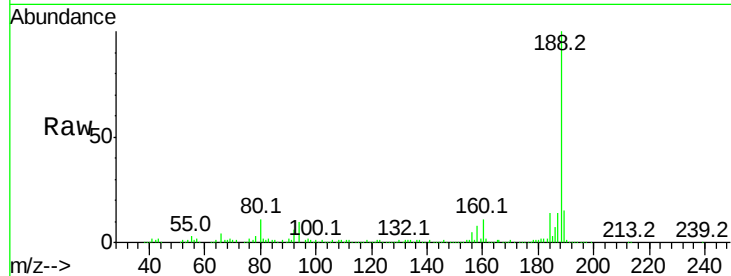




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094376.D
 Acq: 12 Apr 2017 3:13

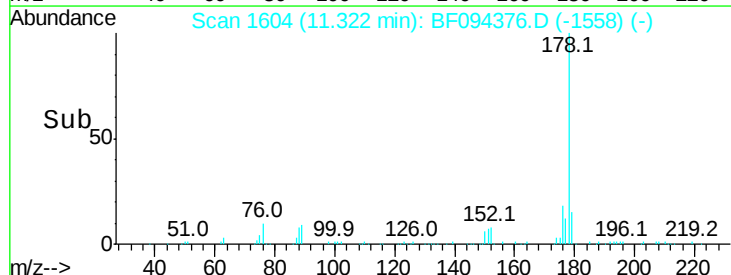
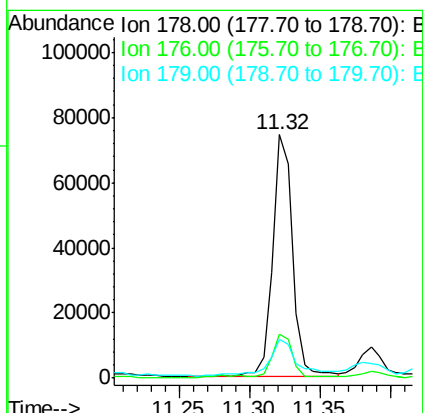
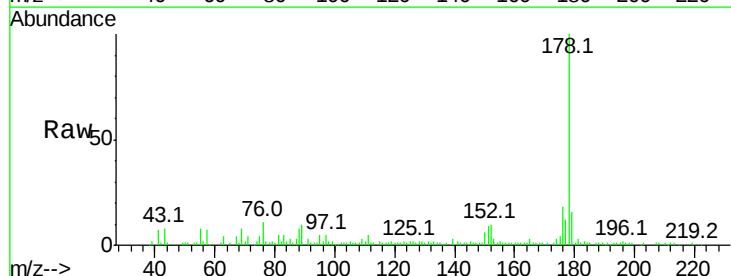
Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

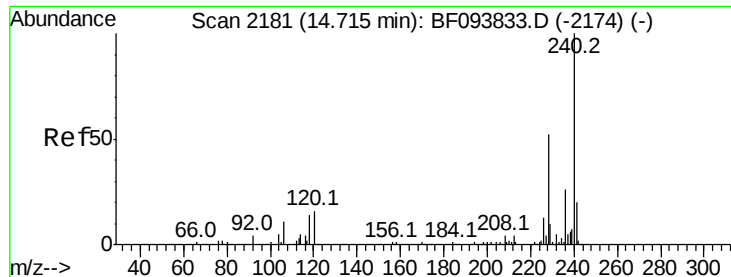
Tot Ion:188 Resp: 287922
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.7 10.2 15.2



#70
 Phenanthrene
 Concen: 4.64 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.03 min
 Lab File: BF094376.D
 Acq: 12 Apr 2017 3:13

Tgt Ion:178 Resp: 74369
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.2 24.4
 179 15.7 12.6 19.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.54 min Scan# 2152

Delta R.T. -0.03 min

Lab File: BF094376.D

Acq: 12 Apr 2017 3:13

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

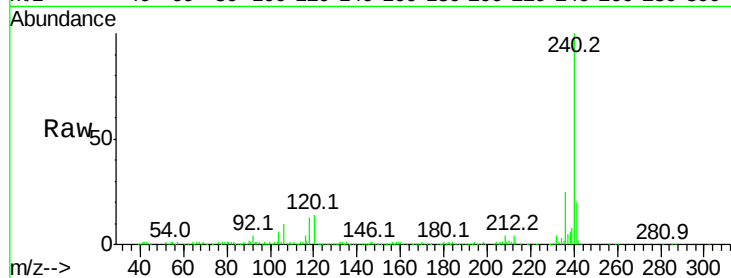
Tot Ion:240 Resp: 262653

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

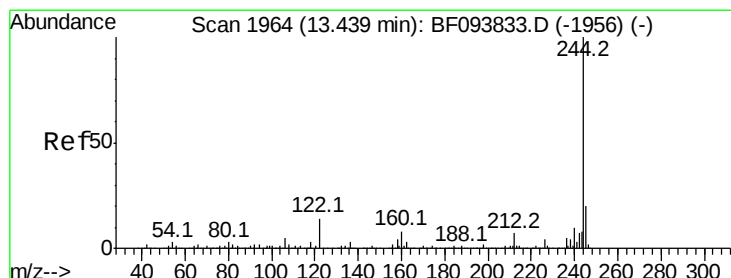
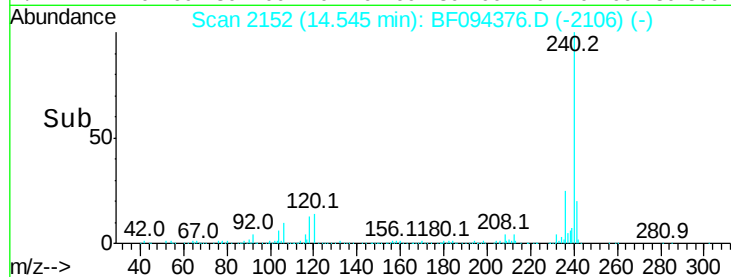
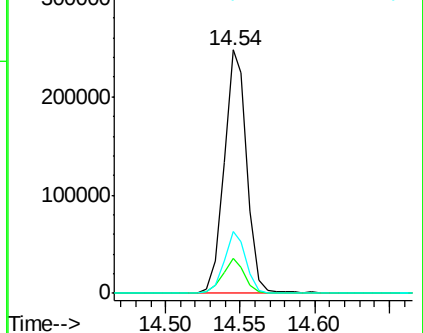
236 25.4 20.5 30.7



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: 3.41 ng

RT: 13.27 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BF094376.D

Acq: 12 Apr 2017 3:13

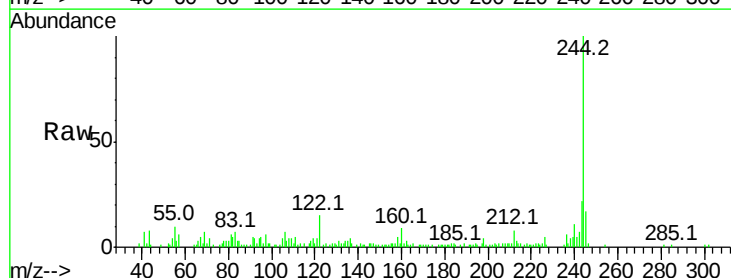
Tgt Ion:244 Resp: 39936

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

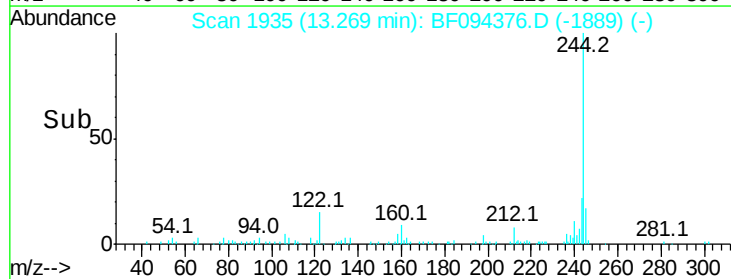
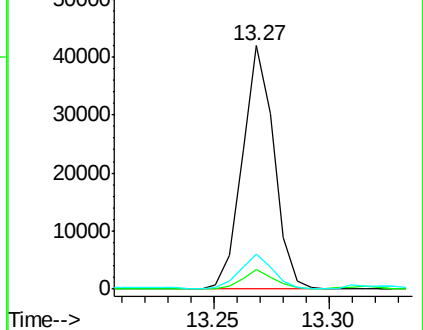
122 14.6 10.3 15.5

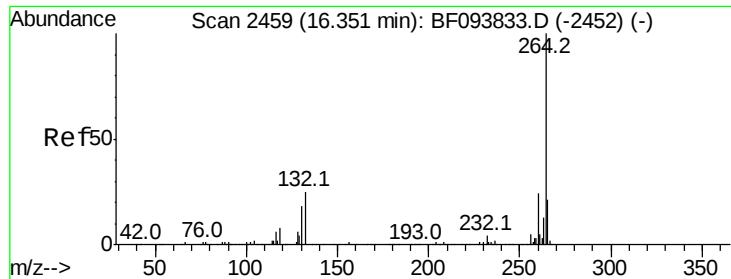


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094376.D
Acq: 12 Apr 2017 3:13

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.5	17.2	25.8

