

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091330.D
 Acq On : 29 Nov 2016 16:45
 Operator : UM/SJ
 Sample : H5696-01DL 2X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATERDL

Quant Time: Nov 29 18:12:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

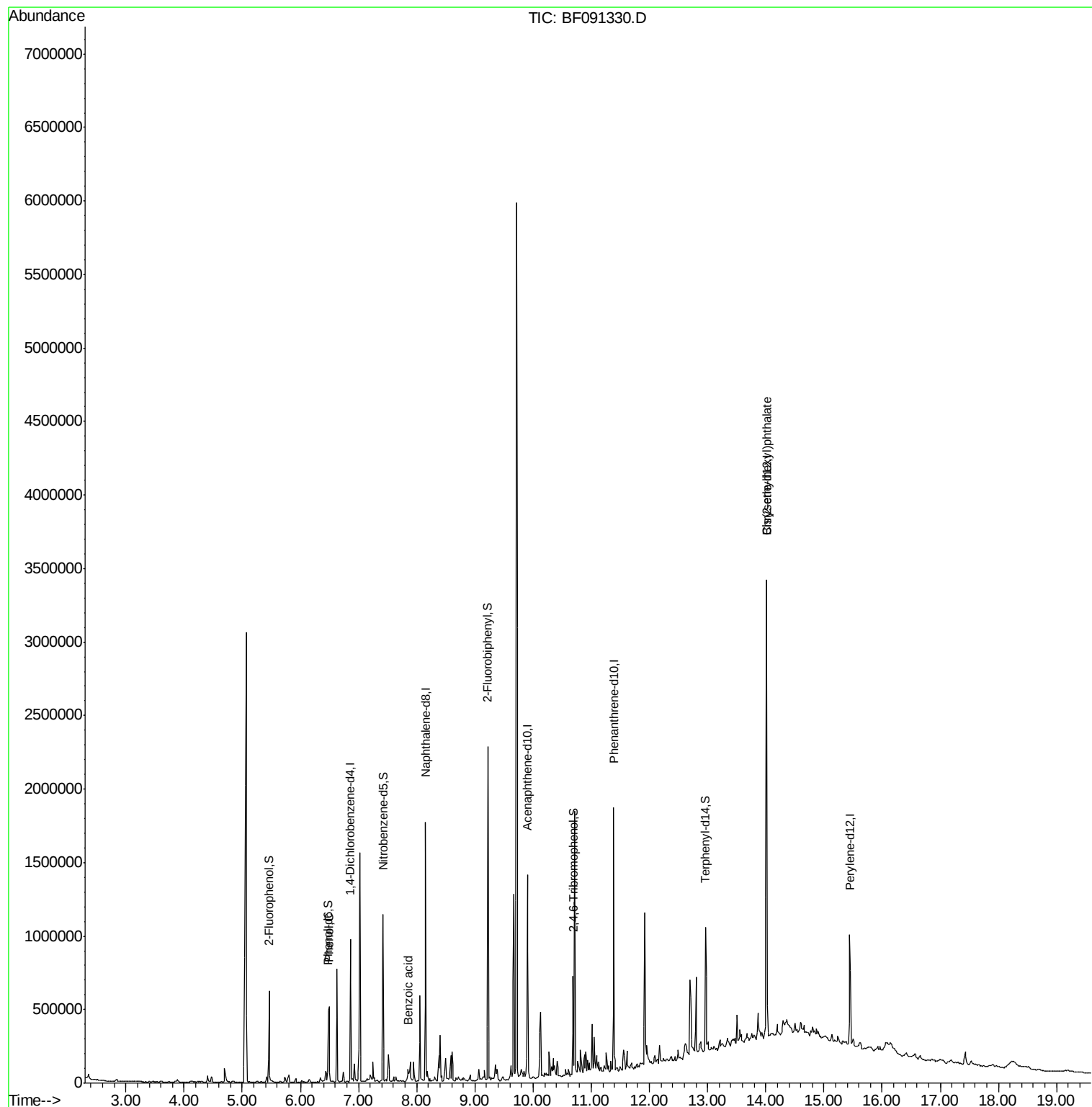
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	181951	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	768625	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	390825	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	632578	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	355257	20.00	ng	-0.03
86) Perylene-d12	15.44	264	395556	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	145010	13.02	ng	0.00
7) Phenol-d6	6.48	99	128503	9.37	ng	-0.02
23) Nitrobenzene-d5	7.42	82	319960	23.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	81907	22.14	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	654727	30.33	ng	-0.02
78) Terphenyl-d14	12.96	244	324570	19.86	ng	-0.03
Target Compounds						
10) Phenol	6.49	94	119100	7.38	ng	Qvalue 92
32) Benzoic acid	7.85	122	24042	2.72	ng	92
83) Bis(2-ethylhexyl)phthalate	14.01	149	570918	44.62	ng	# 94

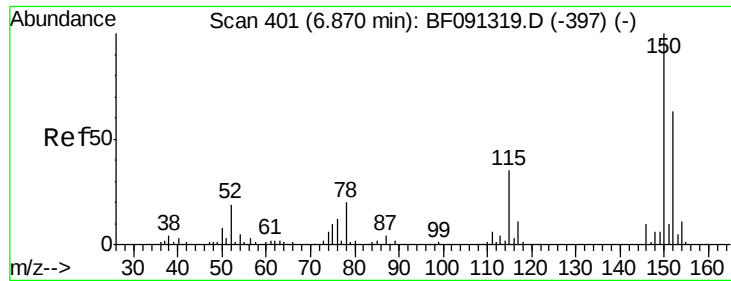
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

Instrument :

BNA_F

ClientSampleId :

GROUNDWATERDL

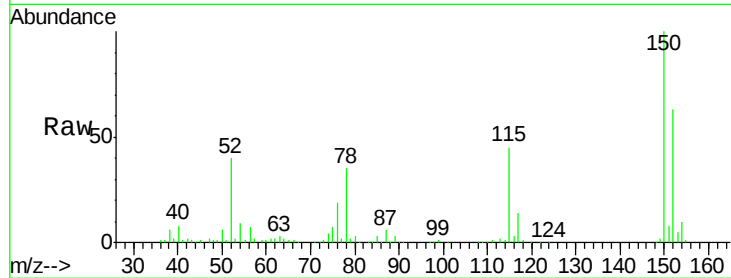
Tgt Ion:152 Resp: 181951

Ion Ratio Lower Upper

152 100

150 157.7 122.5 183.7

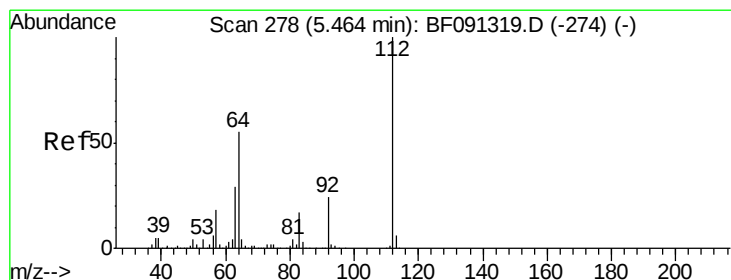
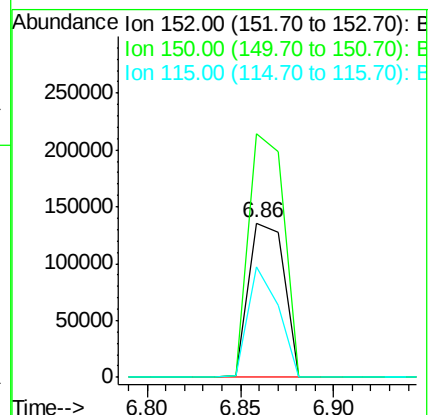
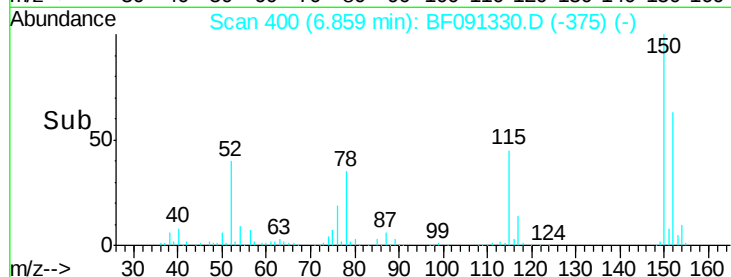
115 71.5 51.8 77.8



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: 13.02 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

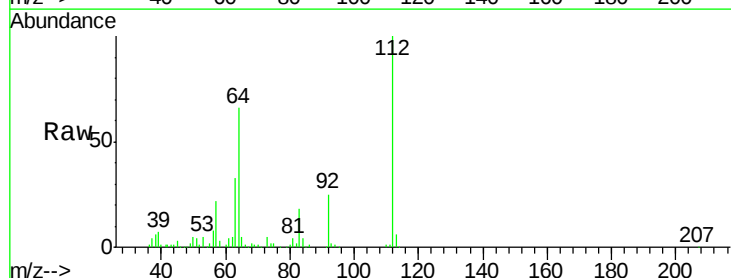
Tgt Ion:112 Resp: 145010

Ion Ratio Lower Upper

112 100

64 65.9 61.5 92.3

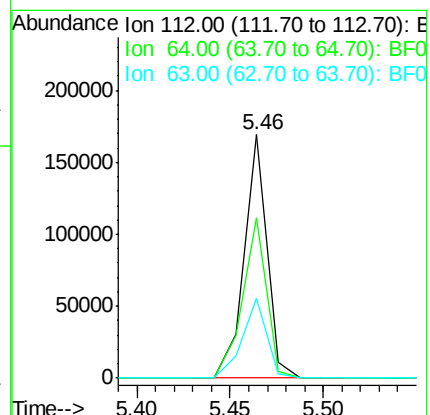
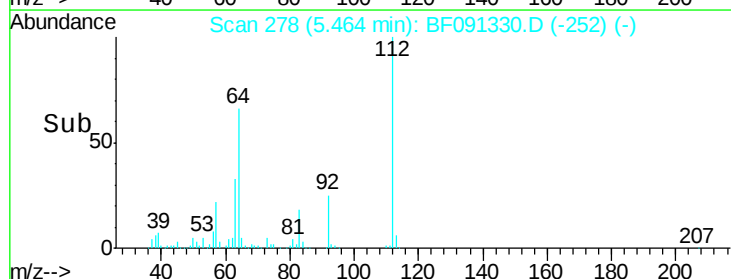
63 32.9 33.3 49.9#

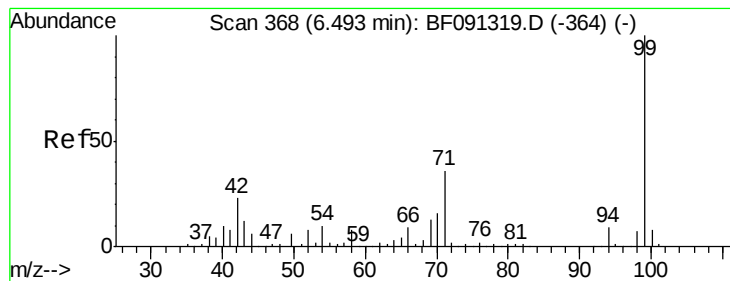


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.37 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

Instrument :

BNA_F

ClientSampleId :

GROUNDWATERDL

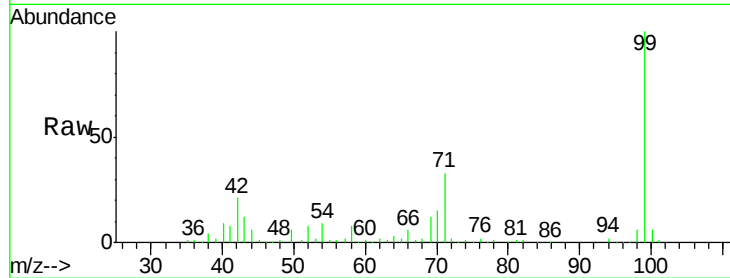
Tgt Ion: 99 Resp: 128503

Ion Ratio Lower Upper

99 100

42 20.6 20.6 31.0#

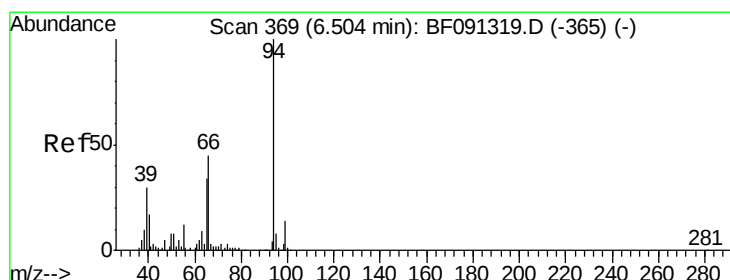
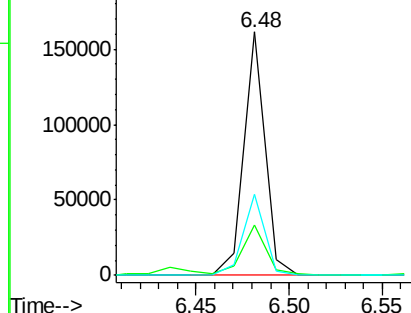
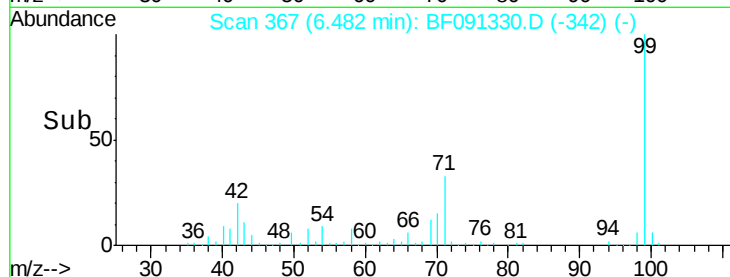
71 33.3 29.9 44.9



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



#10

Phenol

Concen: 7.38 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

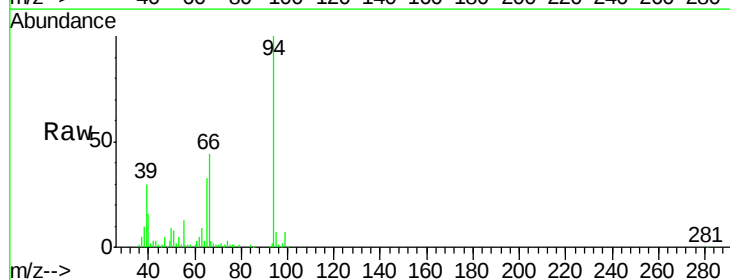
Tgt Ion: 94 Resp: 119100

Ion Ratio Lower Upper

94 100

65 33.0 16.9 56.9

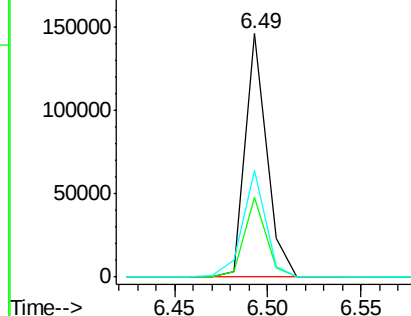
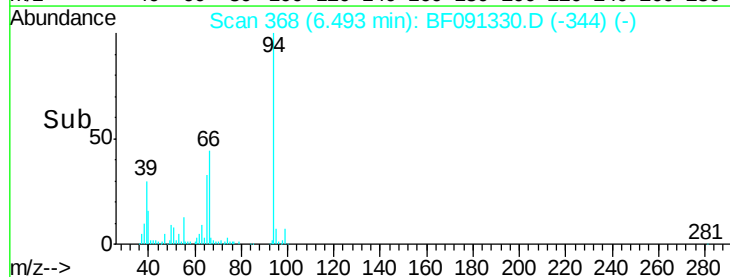
66 43.8 30.6 70.6

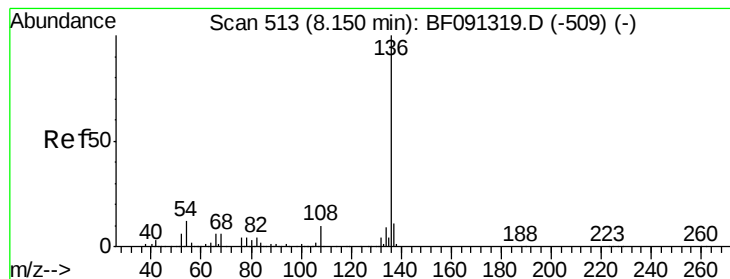


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

Instrument :

BNA_F

ClientSampleId :

GROUNDWATERDL

Tgt Ion: 136 Resp: 768625

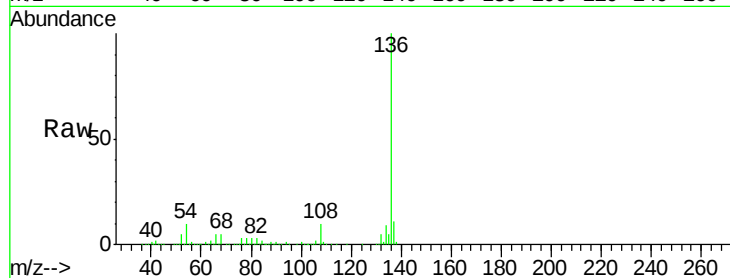
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.8 9.1 13.7

68 5.0 5.9 8.9#

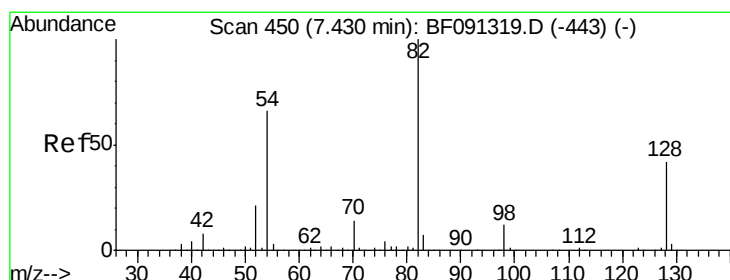
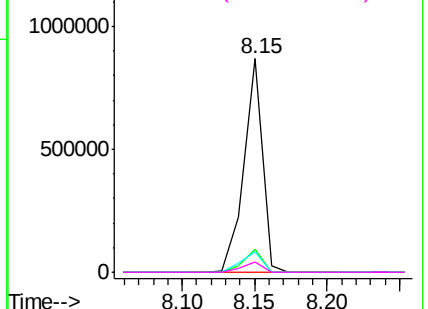
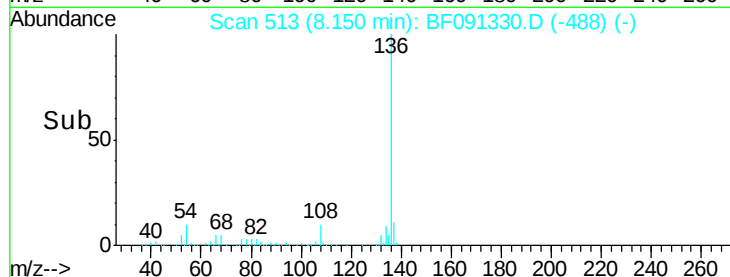


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.33 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

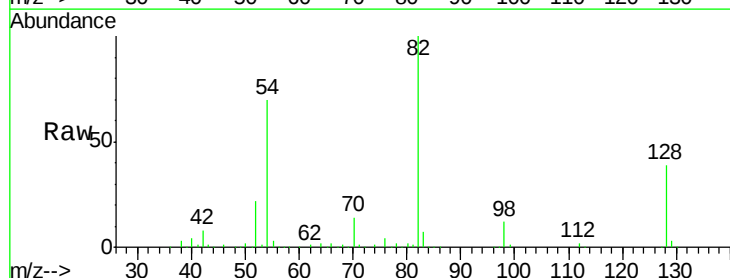
Tgt Ion: 82 Resp: 319960

Ion Ratio Lower Upper

82 100

128 39.3 31.8 47.6

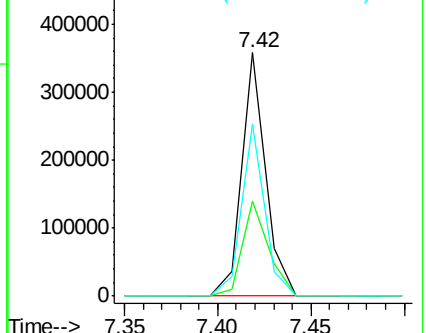
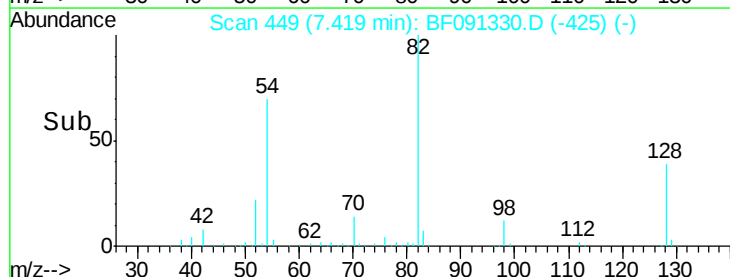
54 70.4 49.1 73.7

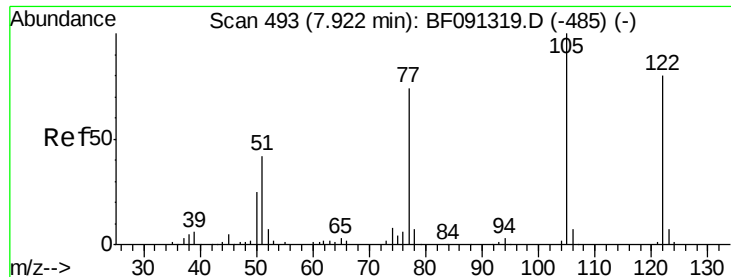


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

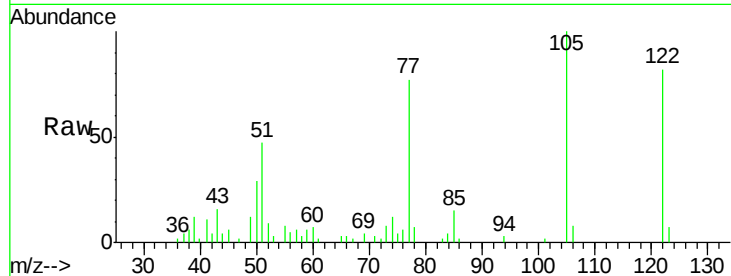




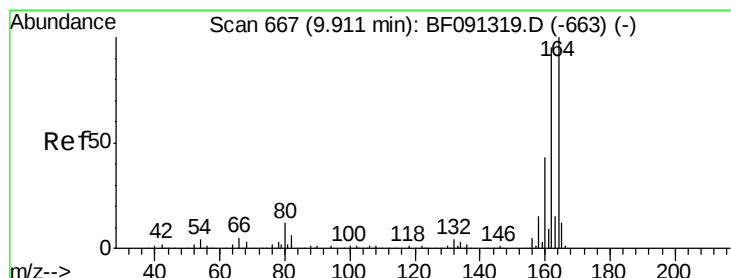
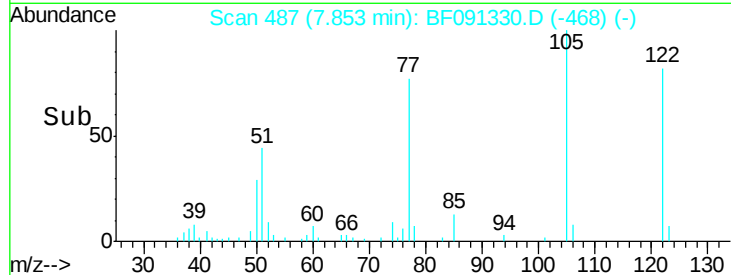
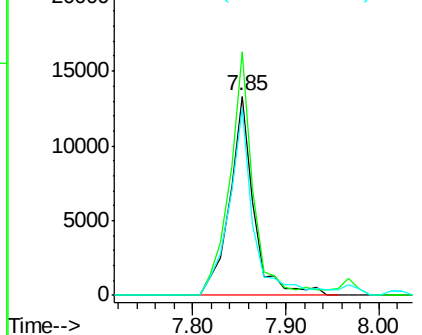
#32
Benzoic acid
Concen: 2.72 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.08 min
Lab File: BF091330.D
Acq: 29 Nov 2016 16:45

Instrument :
BNA_F
ClientSampleId :
GROUNDWATERDL

Tgt Ion:122 Resp: 24042
Ion Ratio Lower Upper
122 100
105 122.5 113.0 153.0
77 94.1 82.0 122.0

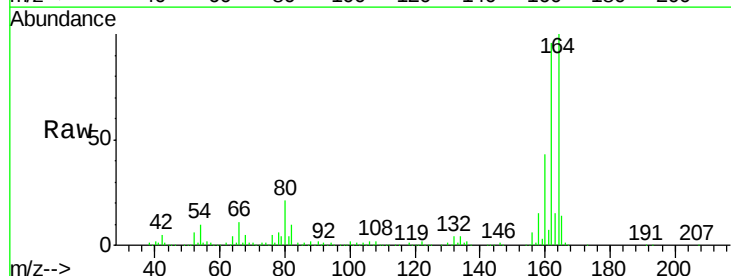


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

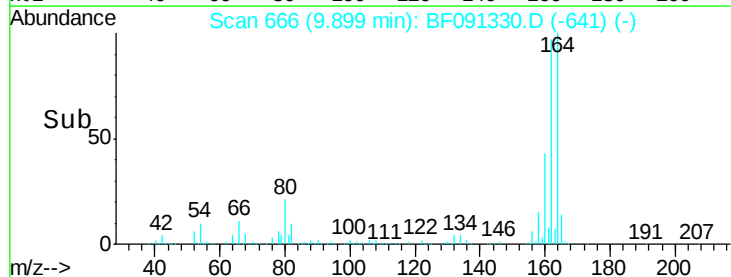
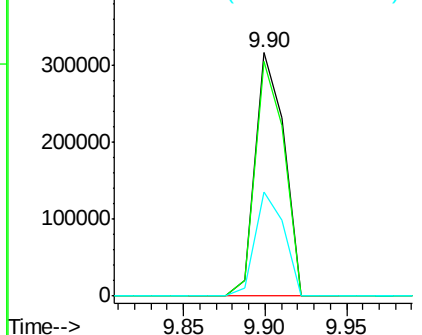


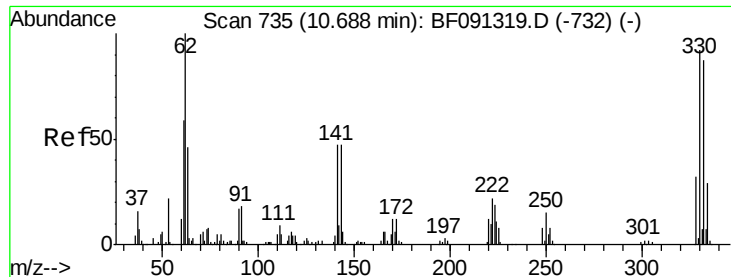
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091330.D
Acq: 29 Nov 2016 16:45

Tgt Ion:164 Resp: 390825
Ion Ratio Lower Upper
164 100
162 96.5 82.6 124.0
160 42.7 36.7 55.1



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

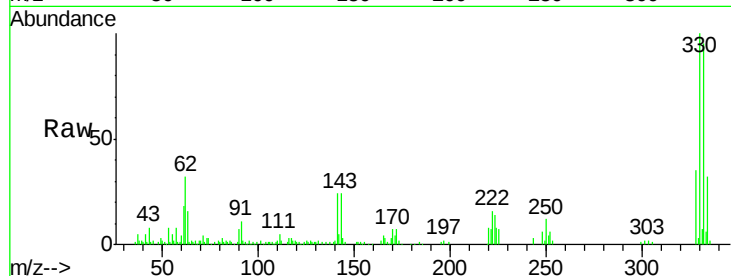




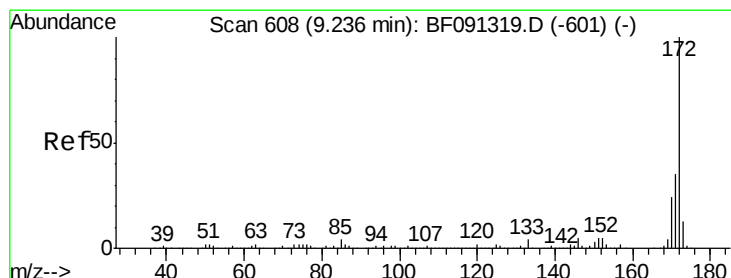
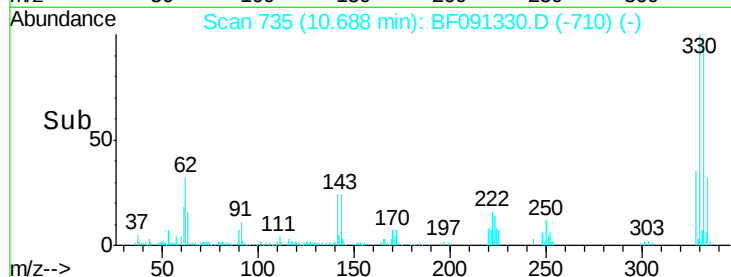
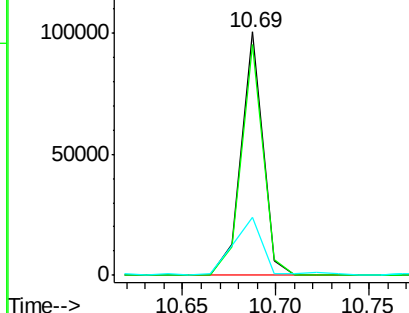
#41
 2,4,6-Tribromophenol
 Concen: 22.14 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091330.D
 Acq: 29 Nov 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATERDL

Tgt Ion:330 Resp: 81907
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 34.7 33.6 50.4

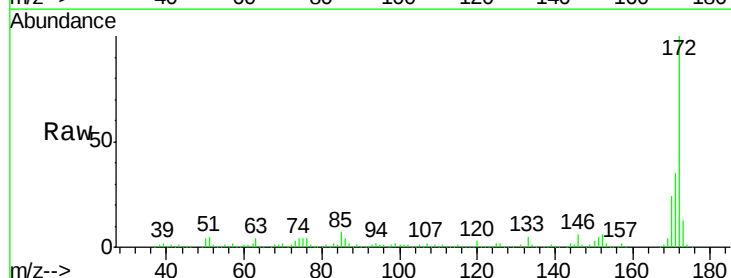


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

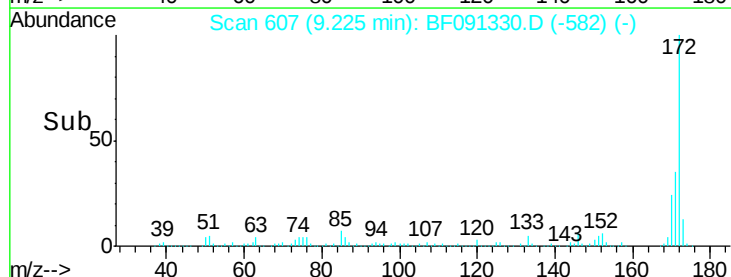
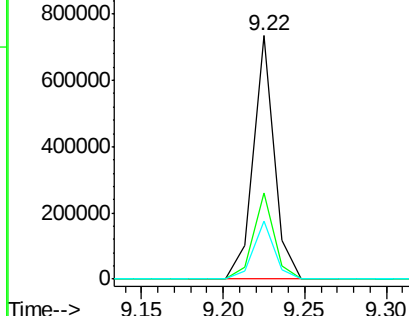


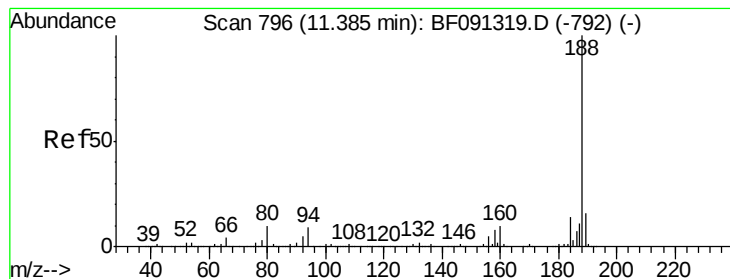
#44
 2-Fluorobiphenyl
 Concen: 30.33 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091330.D
 Acq: 29 Nov 2016 16:45

Tgt Ion:172 Resp: 654727
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.9 19.7 29.5



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

Instrument :

BNA_F

ClientSampleId :

GROUNDWATERDL

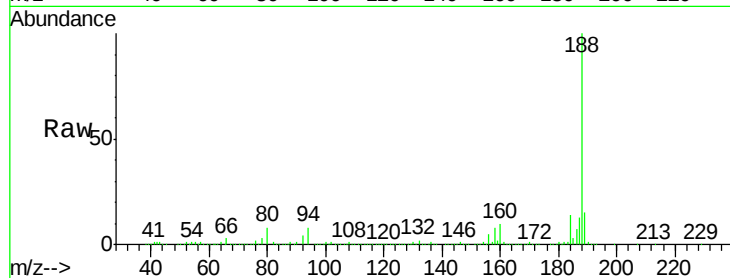
Tgt Ion:188 Resp: 632578

Ion Ratio Lower Upper

188 100

94 7.6 9.2 13.8#

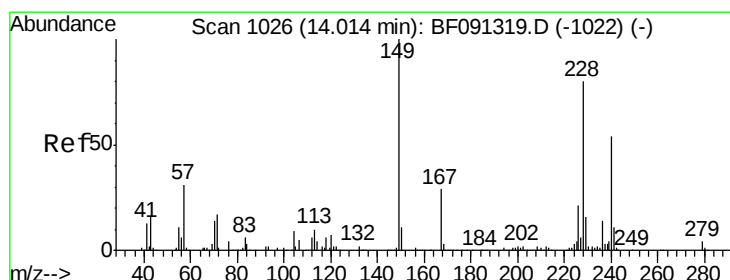
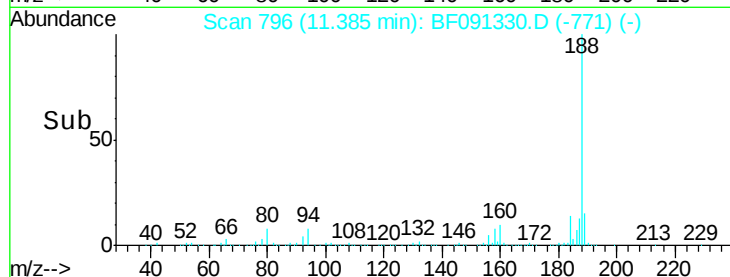
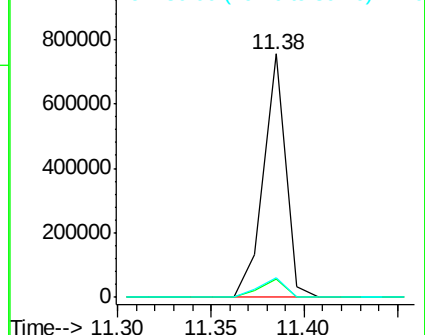
80 8.1 10.5 15.7#



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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

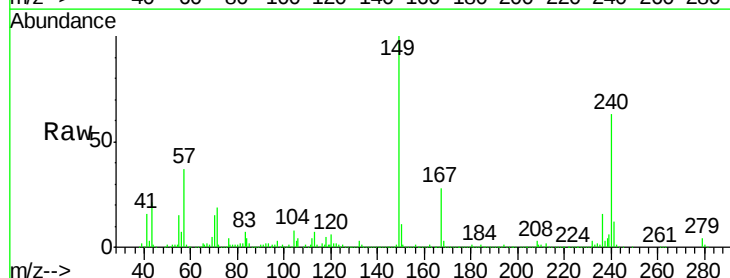
Tgt Ion:240 Resp: 355257

Ion Ratio Lower Upper

240 100

120 9.0 12.1 18.1#

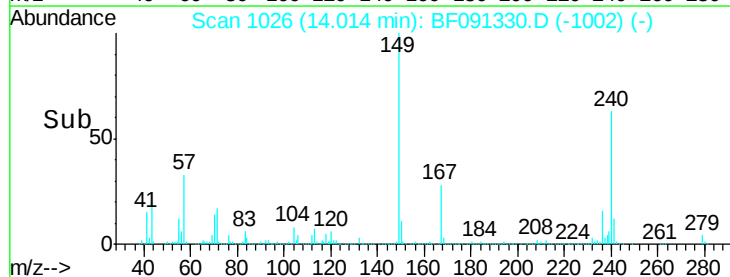
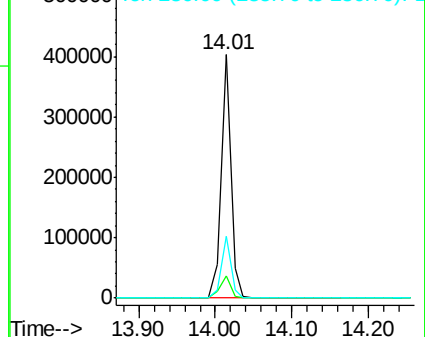
236 25.3 21.0 31.6

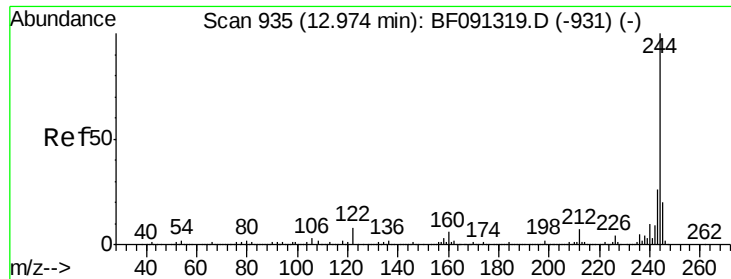


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 19.86 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

Instrument :

BNA_F

ClientSampleId :

GROUNDWATERDL

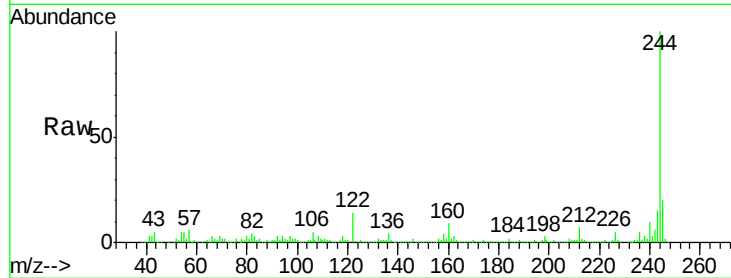
Tgt Ion:244 Resp: 324570

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

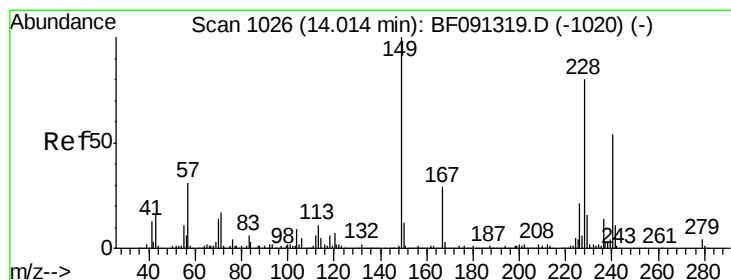
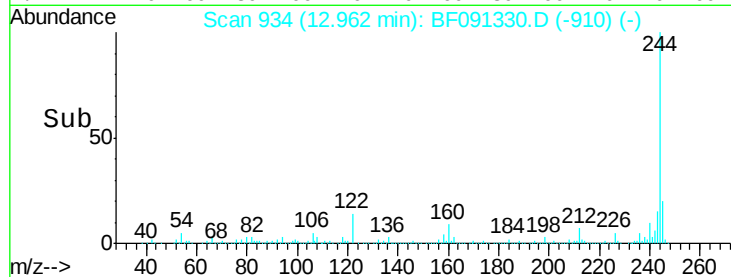
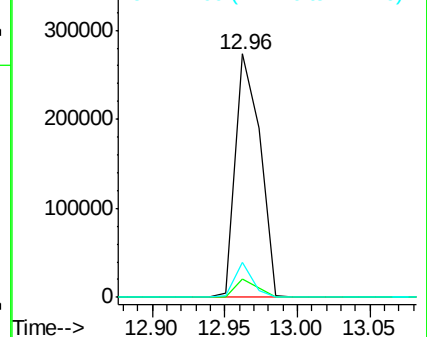
122 14.5 9.5 14.3#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.62 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091330.D

Acq: 29 Nov 2016 16:45

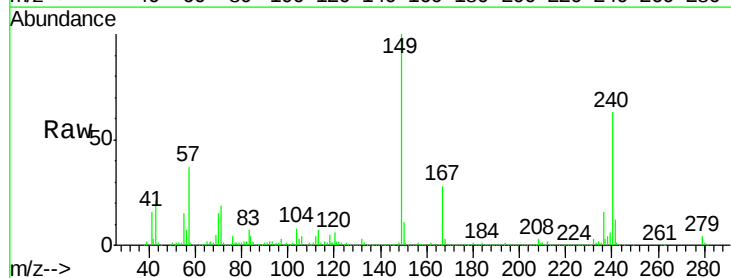
Tgt Ion:149 Resp: 570918

Ion Ratio Lower Upper

149 100

167 27.6 19.6 29.4

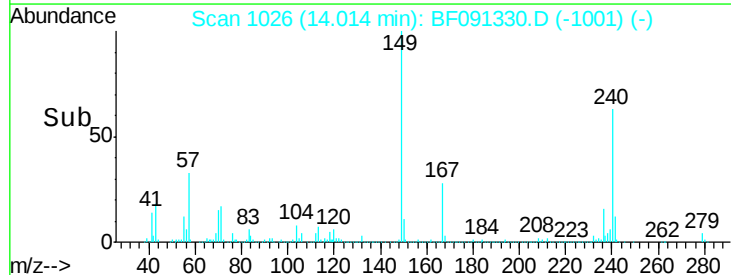
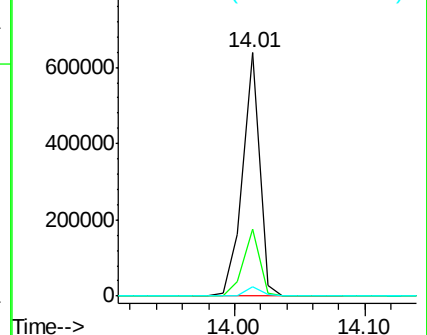
279 3.7 1.9 2.9#

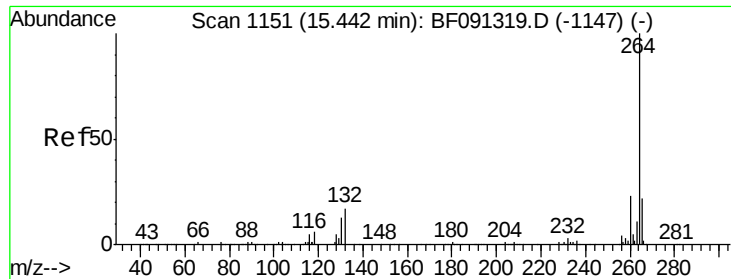


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

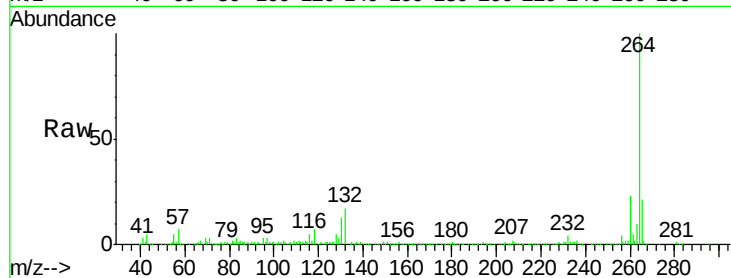




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091330.D
Acq: 29 Nov 2016 16:45

Instrument :
BNA_F
ClientSampleId :
GROUNDWATERDL

Tgt Ion: 264 Resp: 395556
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.2 17.0 25.6



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

