

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099605.D
 Acq On : 18 Oct 2017 2:20
 Operator : SJ/JU
 Sample : I5905-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Quant Time: Oct 18 11:07:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

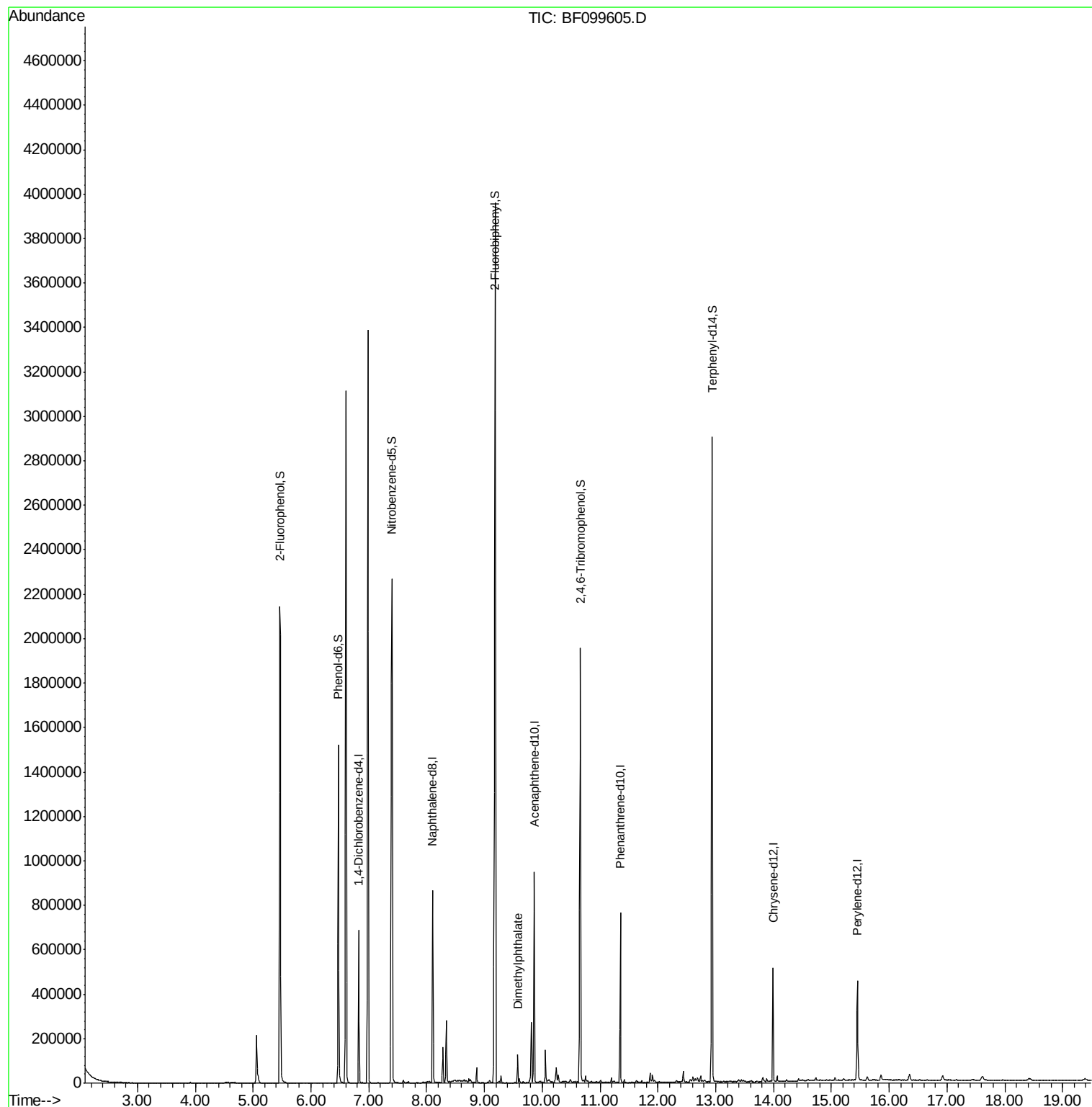
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	103939	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	420501	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	183195	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	276613	20.00	ng	0.00
75) Chrysene-d12	13.99	240	175272	20.00	ng	0.00
86) Perylene-d12	15.45	264	190993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	744692	114.05	ng	0.02
7) Phenol-d6	6.47	99	590808	73.35	ng	0.00
23) Nitrobenzene-d5	7.40	82	1081584	164.95	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	288916	192.74	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1802793	164.28	ng	0.00
78) Terphenyl-d14	12.94	244	1118135	145.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	48818	3.531	ng	99

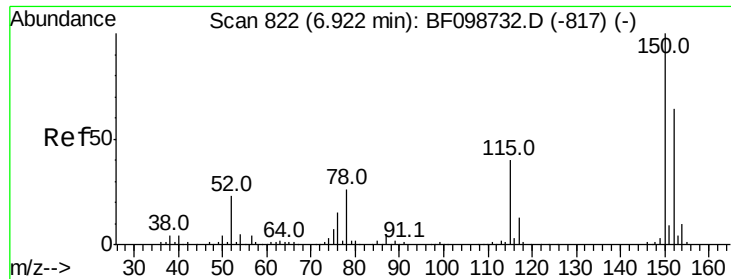
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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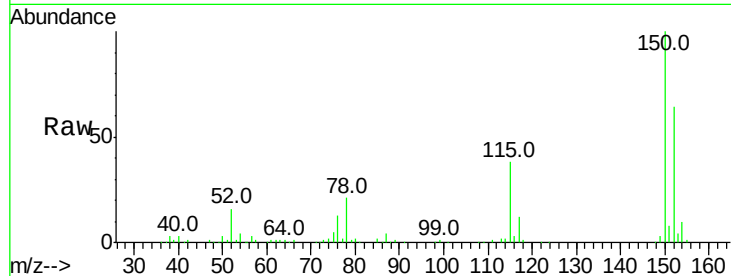


#1

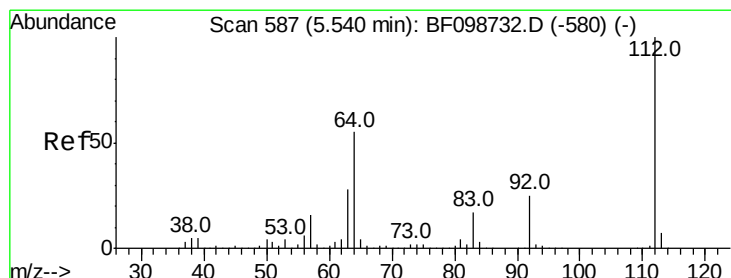
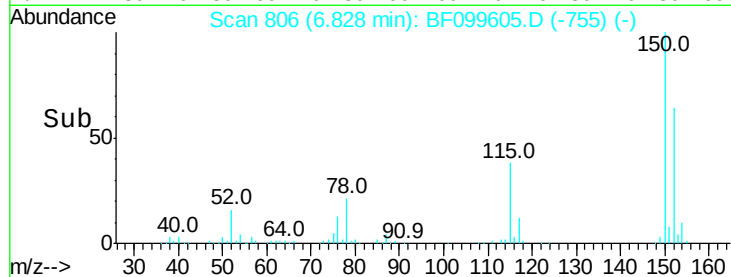
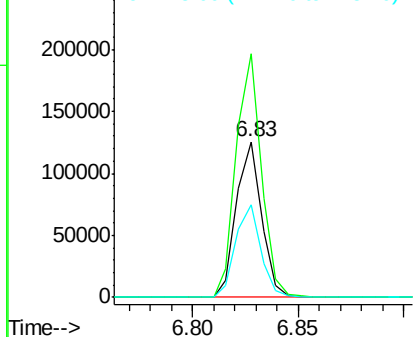
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF099605.D
 Acq: 18 Oct 2017 2:20

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion:152 Resp: 103939
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 59.2 50.1 75.1



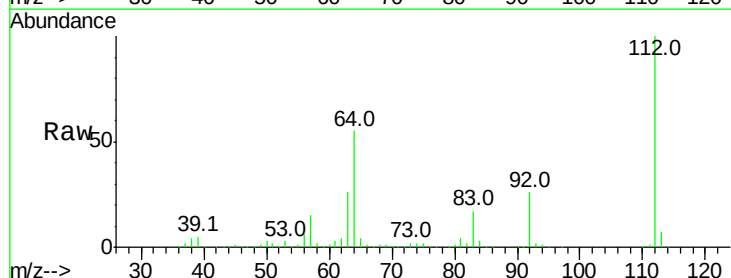
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



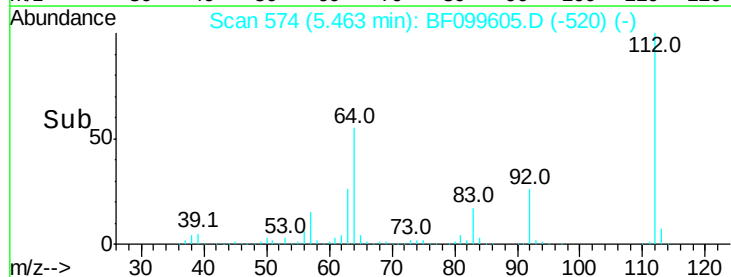
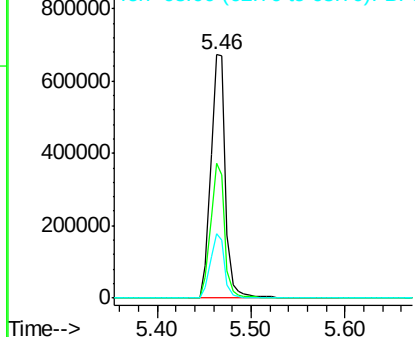
#5

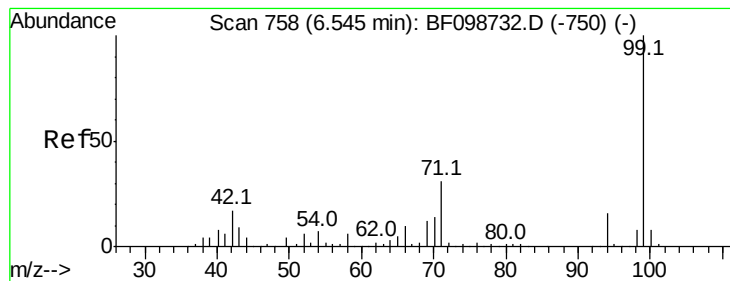
2-Fluorophenol
 Concen: 114.055 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.02 min
 Lab File: BF099605.D
 Acq: 18 Oct 2017 2:20

Tgt Ion:112 Resp: 744692
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 26.5 23.7 35.5



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: 73.351 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF099605.D

Acq: 18 Oct 2017 2:20

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

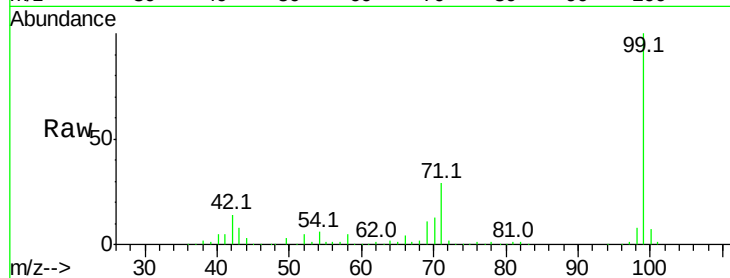
Tot Ion: 99 Resp: 590808

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

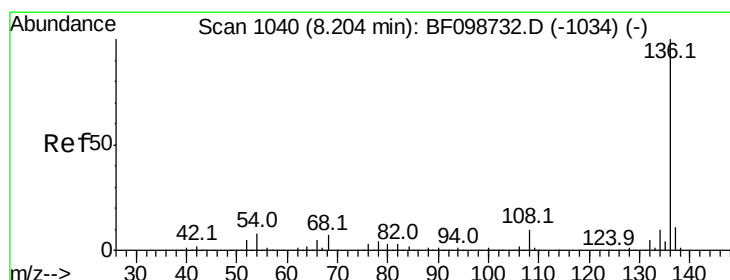
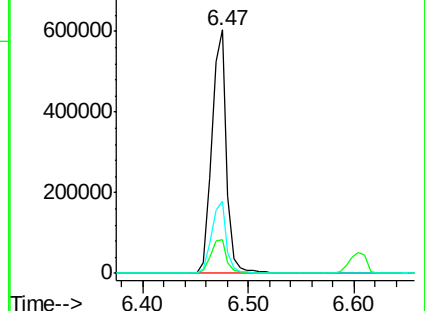
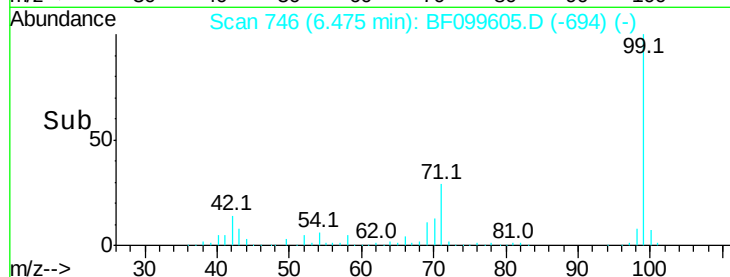
71 29.4 25.4 38.0



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: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099605.D

Acq: 18 Oct 2017 2:20

Tgt Ion: 136 Resp: 420501

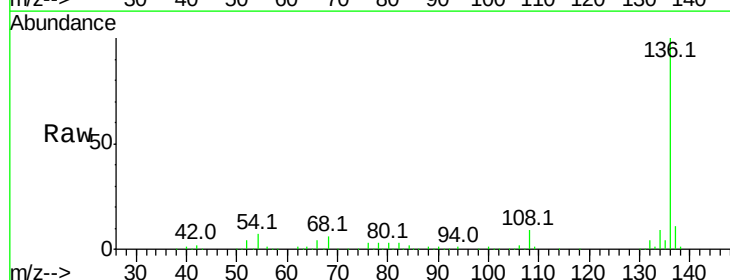
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.5 6.6 9.8

68 6.1 5.0 7.4

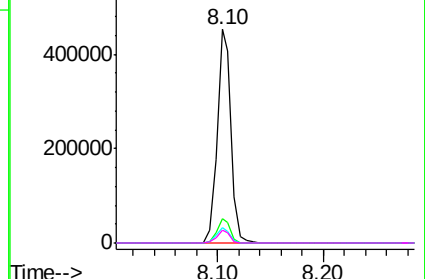
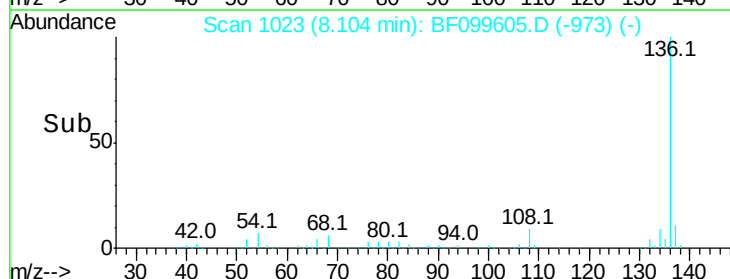


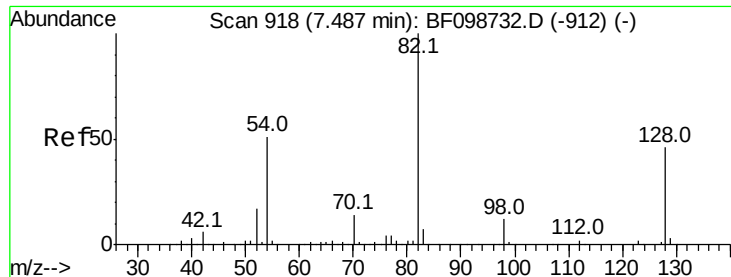
Abundance Ion 136.00 (135.70 to 136.70): E

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: 164.951 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF099605.D

Acq: 18 Oct 2017 2:20

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

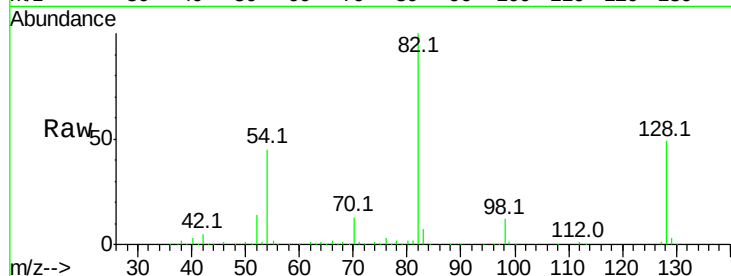
Tot Ion: 82 Resp: 1081584

Ion Ratio Lower Upper

82 100

128 48.9 36.1 54.1

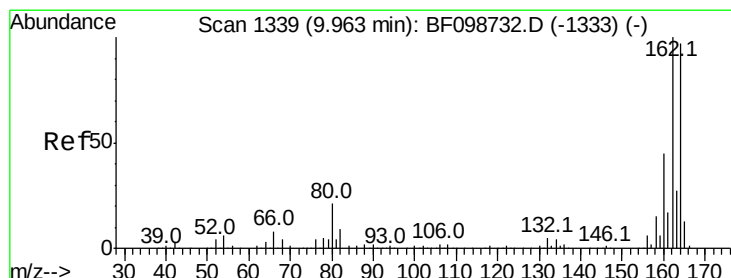
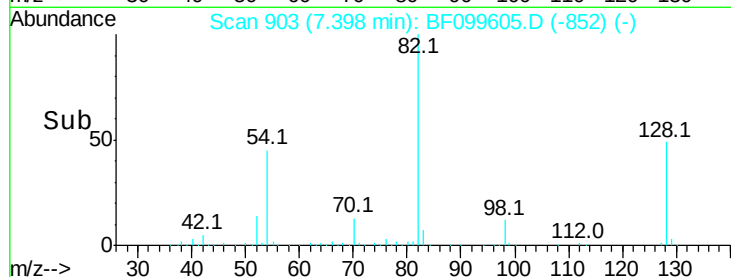
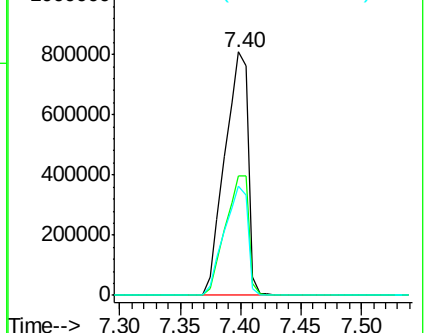
54 44.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099605.D

Acq: 18 Oct 2017 2:20

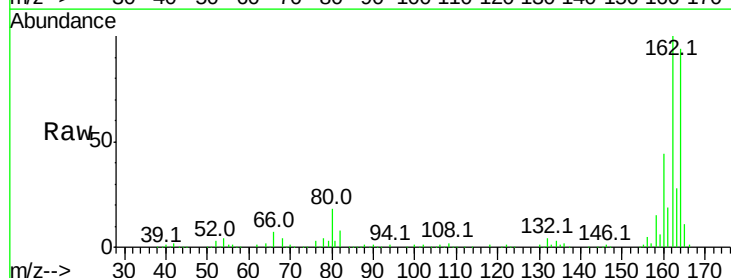
Tgt Ion:164 Resp: 183195

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

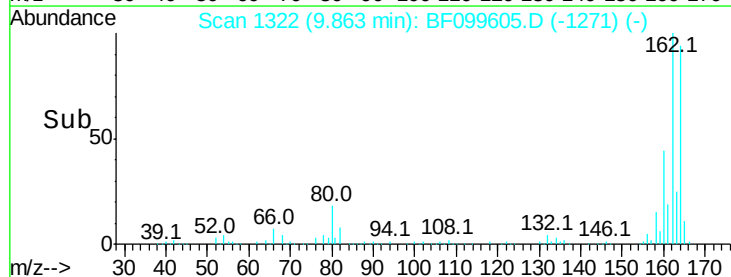
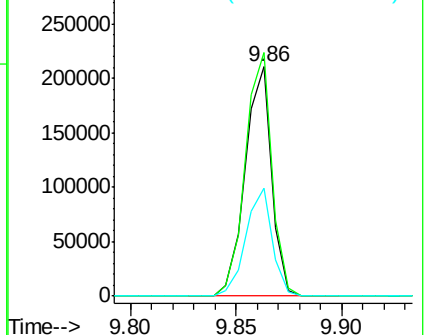
160 47.0 38.3 57.5

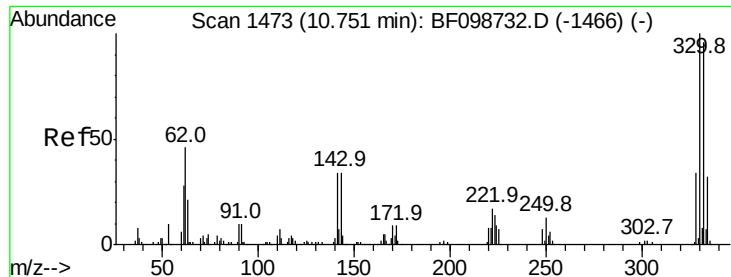


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

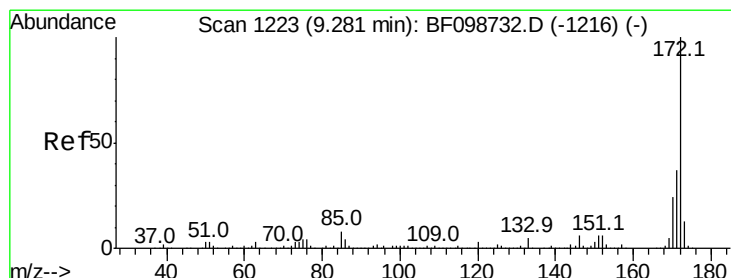
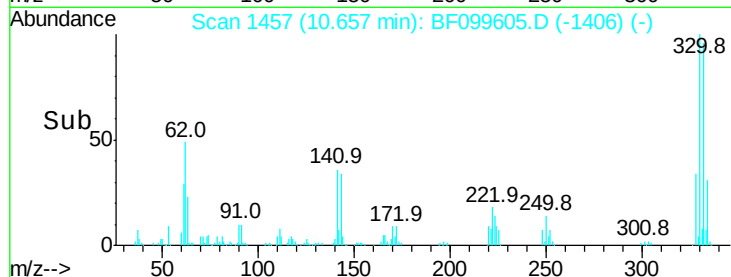
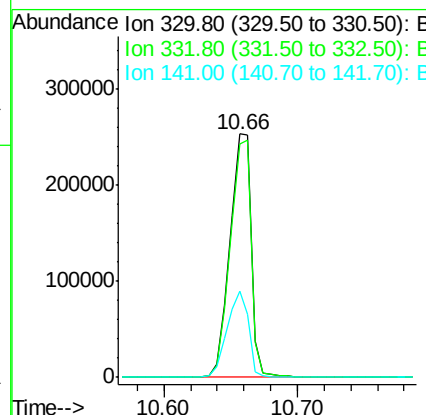
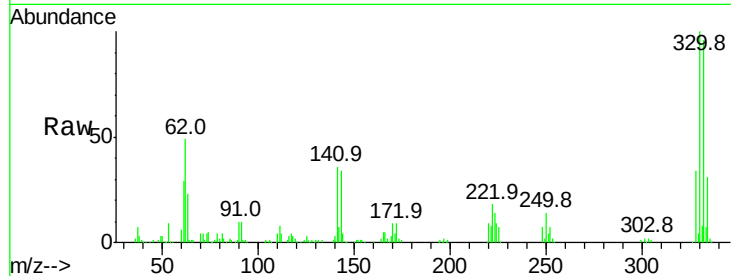




#41
 2,4,6-Tribromophenol
 Concen: 192.735 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF099605.D
 Acq: 18 Oct 2017 2:20

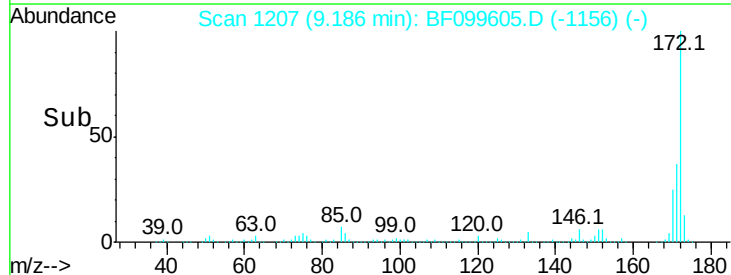
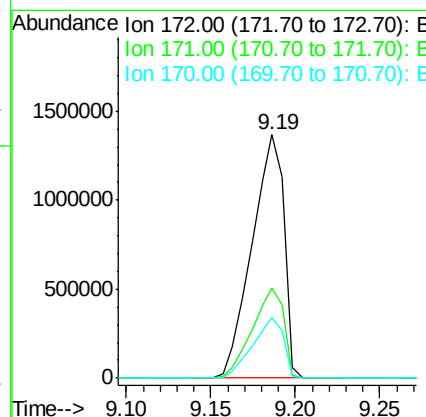
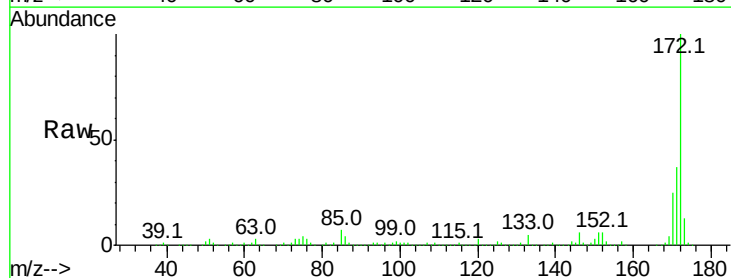
Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

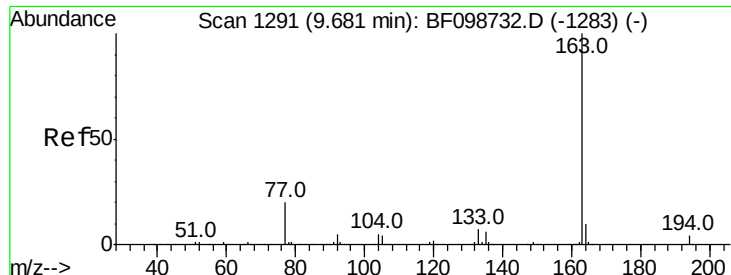
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	35.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 164.285 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF099605.D
 Acq: 18 Oct 2017 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4





#49

Dimethylphthalate

Concen: 3.531 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF099605.D

Acq: 18 Oct 2017 2:20

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

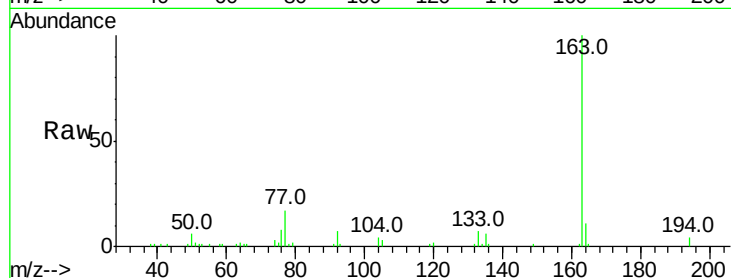
Tot Ion:163 Resp: 48818

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

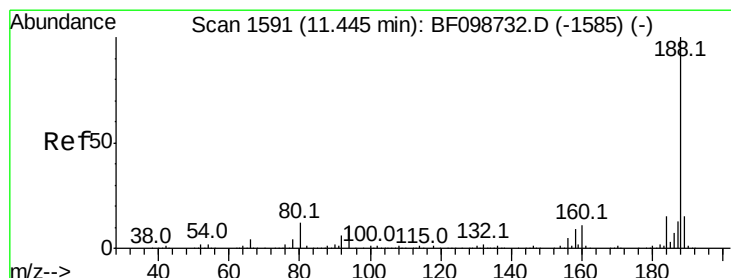
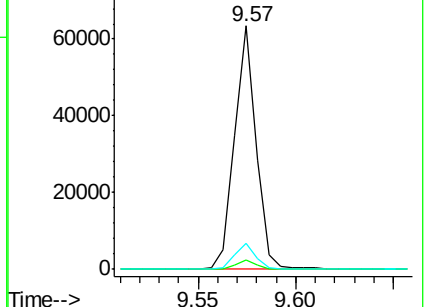
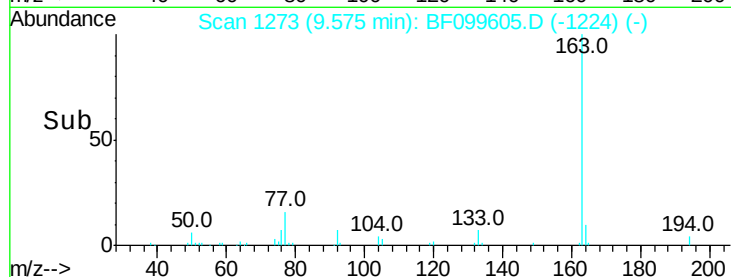
164 10.5 8.2 12.2



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: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF099605.D

Acq: 18 Oct 2017 2:20

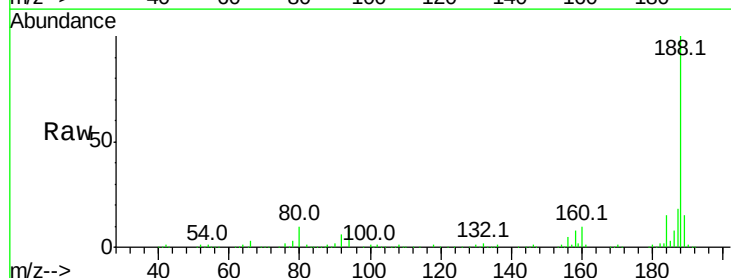
Tgt Ion:188 Resp: 276613

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

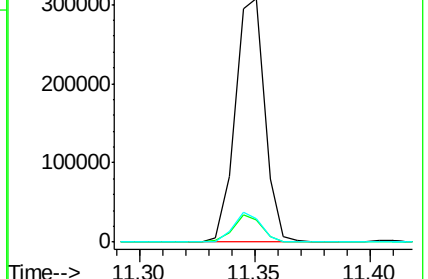
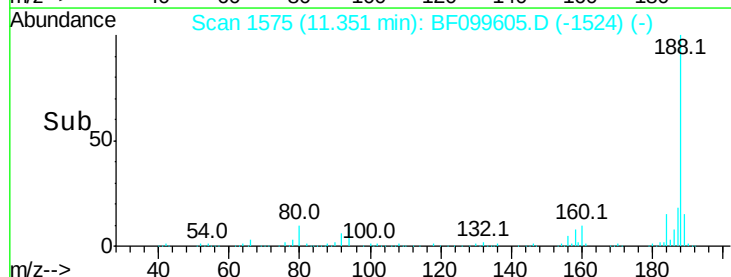
80 9.8 9.2 13.8

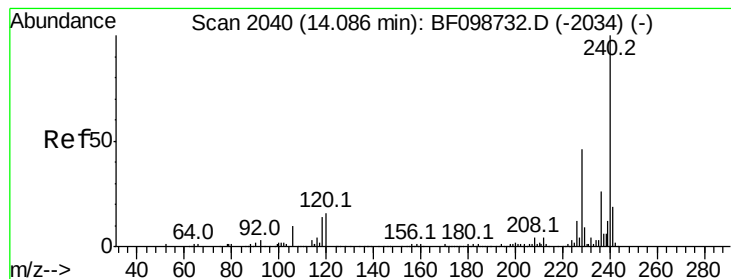


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099605.D

Acq: 18 Oct 2017 2:20

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

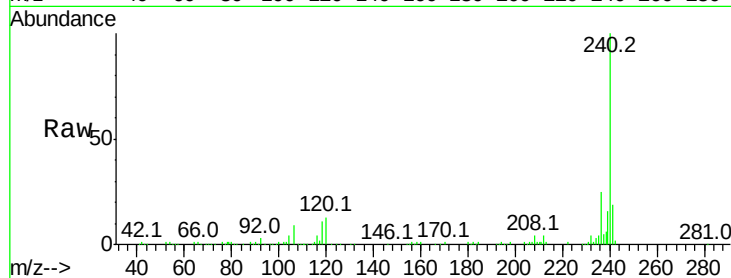
Tot Ion:240 Resp: 175272

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

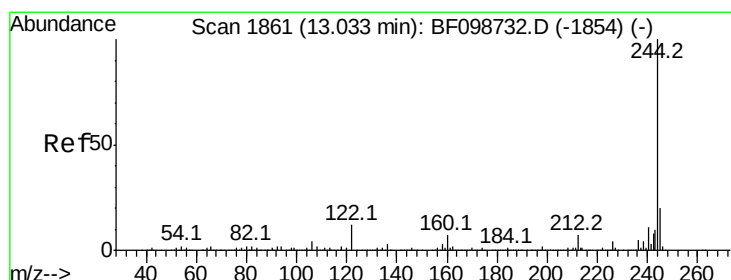
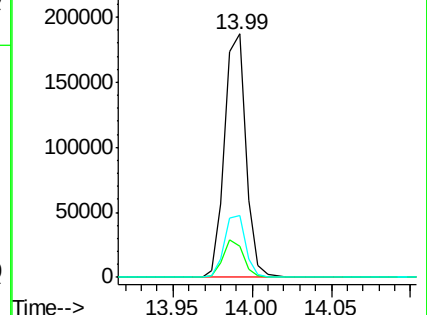
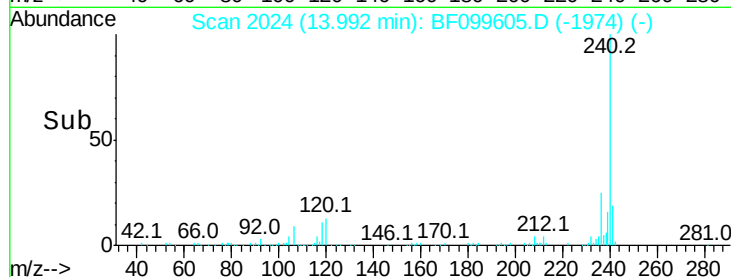
236 25.5 20.7 31.1



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: 145.081 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF099605.D

Acq: 18 Oct 2017 2:20

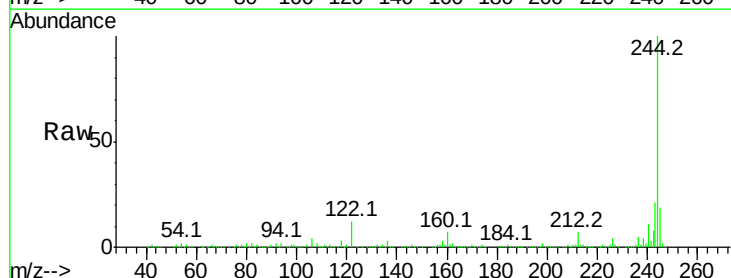
Tgt Ion:244 Resp: 1118135

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

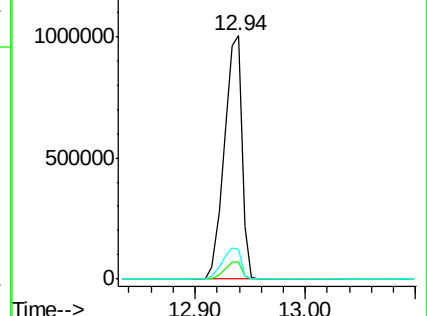
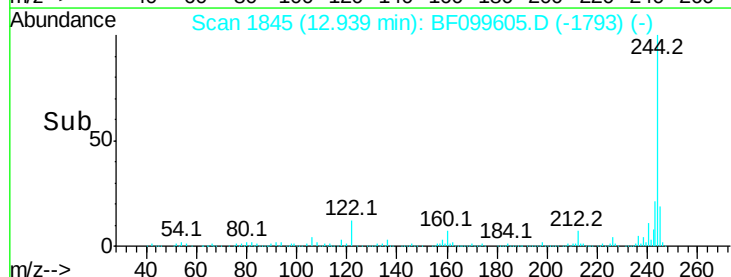
122 12.3 11.0 16.4

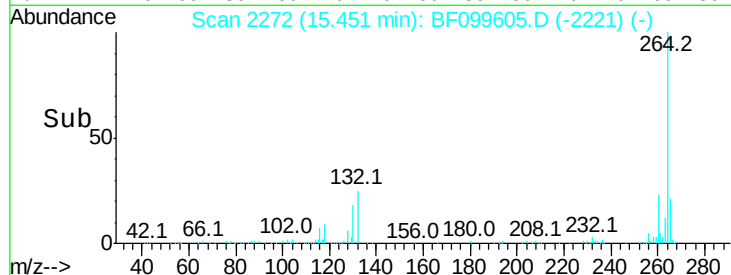
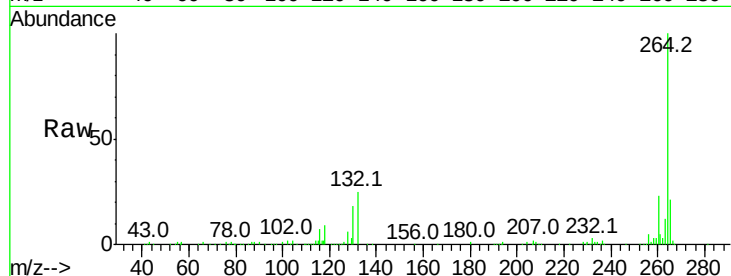
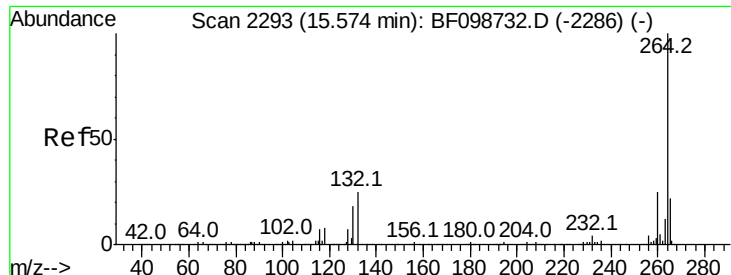


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF099605.D
 Acq: 18 Oct 2017 2:20

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion:	264	Resp:	190993
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

