

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097710.D
 Acq On : 16 Aug 2017 00:16
 Operator : SJ/JU
 Sample : I4768-02 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAMILTON-PL-WATER-60

Quant Time: Aug 16 03:57:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

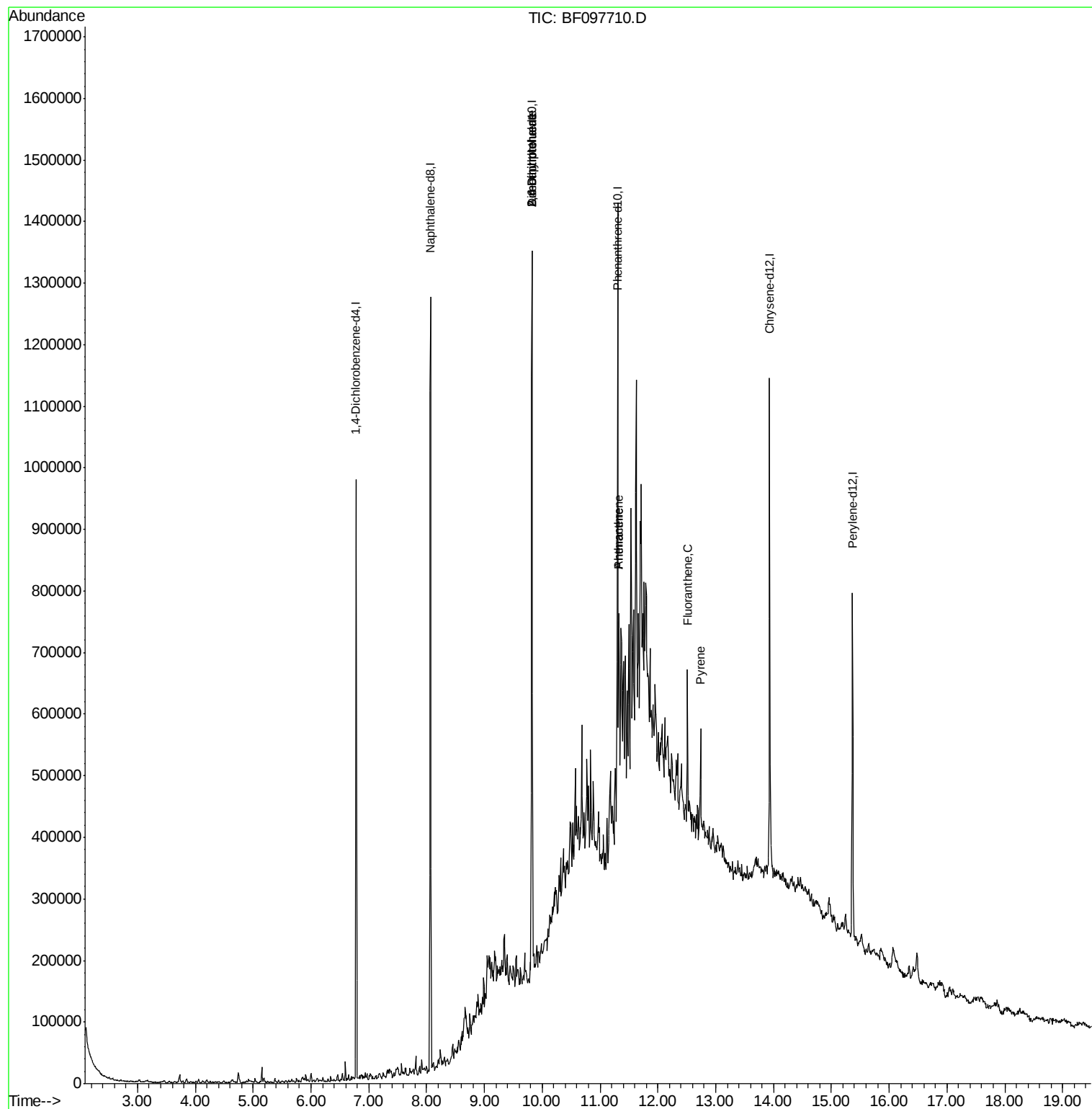
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	130157	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	505137	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	212494	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	332288	20.00	ng	0.00
75) Chrysene-d12	13.93	240	262209	20.00	ng	0.00
86) Perylene-d12	15.37	264	241721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1404	0.16	ng	-0.01
7) Phenol-d6	6.40	99	1449	0.12	ng	-0.01
23) Nitrobenzene-d5	7.34	82	2930	0.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	502	0.27	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	6568	0.45	ng	0.00
78) Terphenyl-d14	12.89	244	4039	0.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.82	163	60806	3.91	ng	# 1
50) 2,6-Dinitrotoluene	9.82	165	28309	9.13	ng	# 34
56) 2,4-Dinitrotoluene	9.82	165	28309	7.28	ng	# 34
70) Phenanthrene	11.32	178	41878	2.37	ng	97
71) Anthracene	11.32	178	41878	2.33	ng	97
74) Fluoranthene	12.51	202	85081	4.60	ng	94
77) Pyrene	12.74	202	57688	2.69	ng	# 89

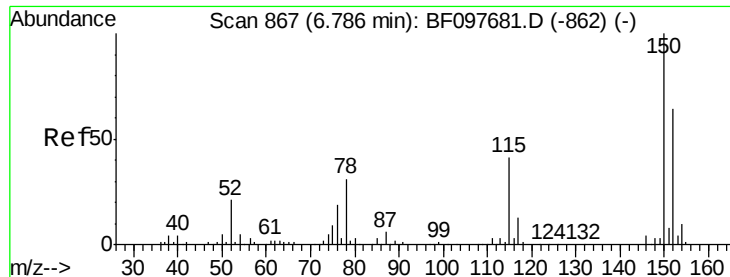
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097710.D
Acq On : 16 Aug 2017 00:16
Operator : SJ/JU
Sample : I4768-02 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Quant Time: Aug 16 03:57:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



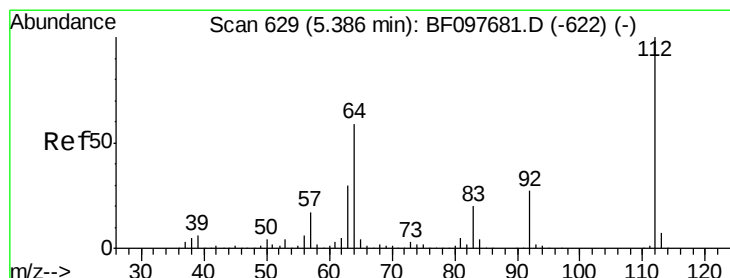
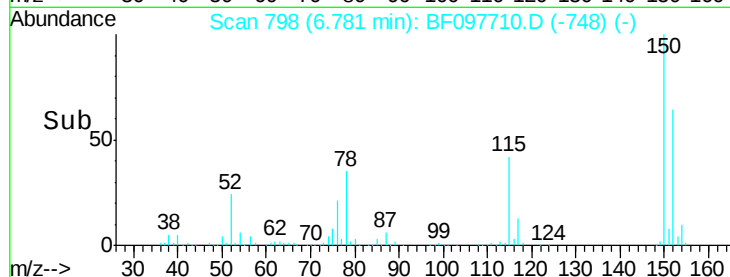
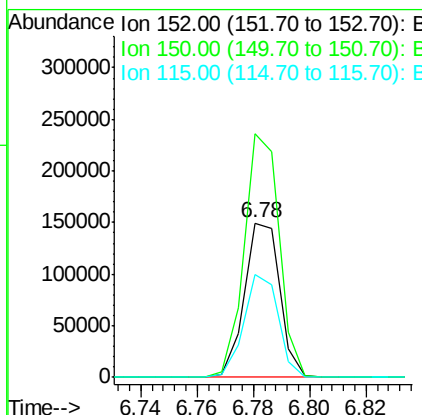
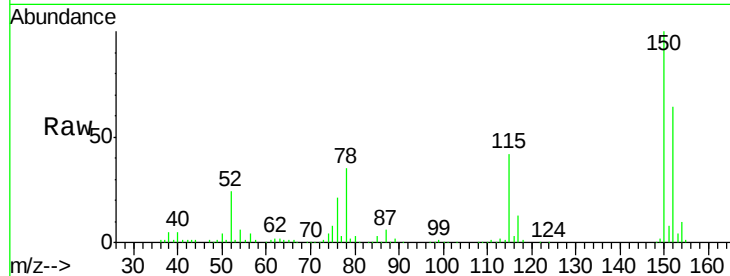


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097710.D
 Acq: 16 Aug 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 HAMILTON-PL-WATER-60

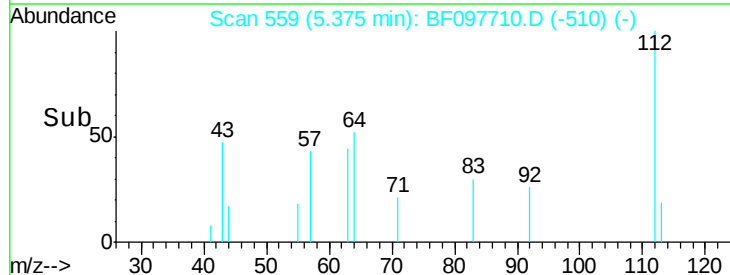
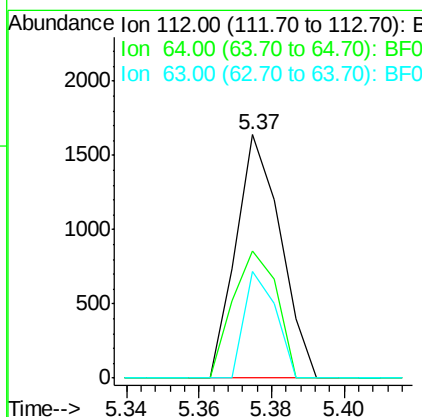
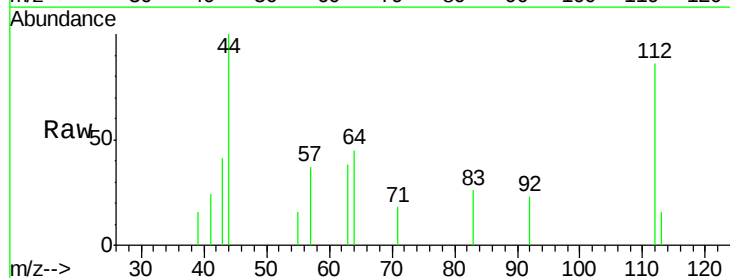
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	66.8	52.2	78.2

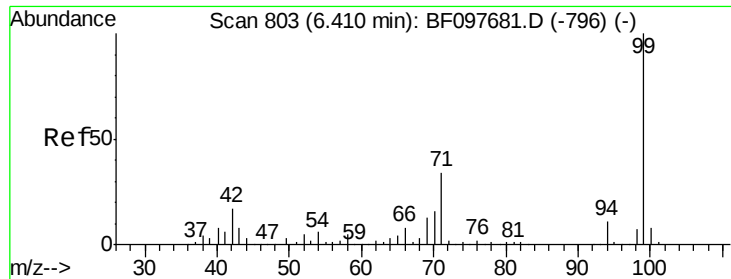


#5

2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF097710.D
 Acq: 16 Aug 2017 00:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.0	69.0
63	43.6	23.4	35.0





#7

Phenol-d6

Concen: 0.12 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_F

ClientSampleId :

HAMILTON-PL-WATER-60

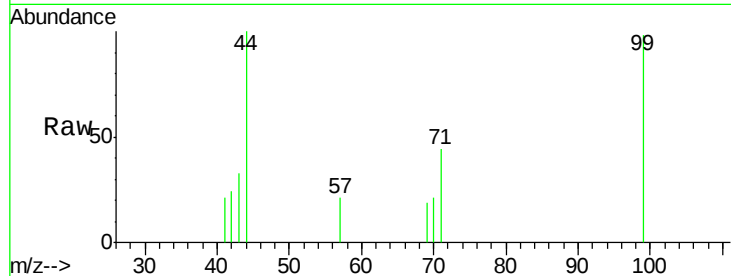
Tot Ion: 99 Resp: 1449

Ion Ratio Lower Upper

99 100

42 24.8 13.5 20.3#

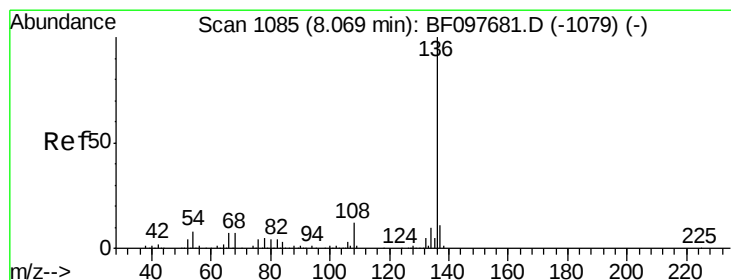
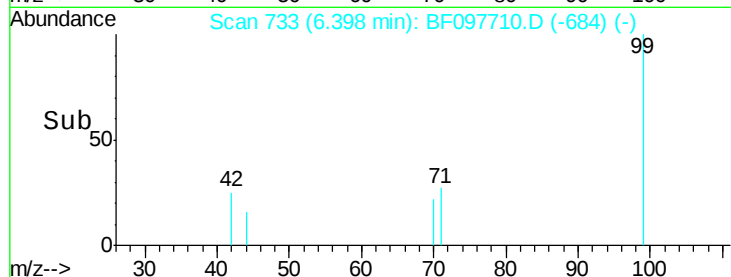
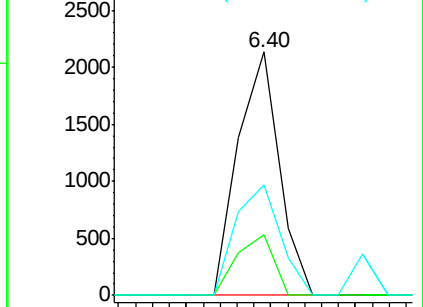
71 45.2 24.5 36.7#



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

Tgt Ion: 136 Resp: 505137

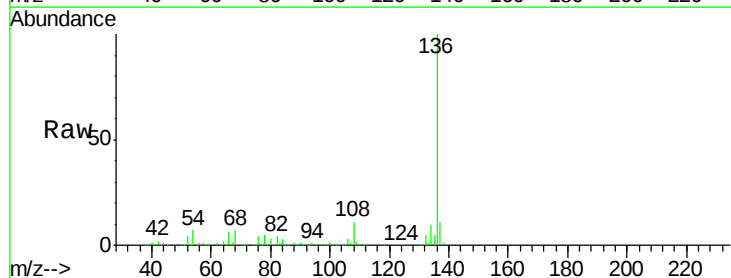
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 6.9 4.1 6.1#

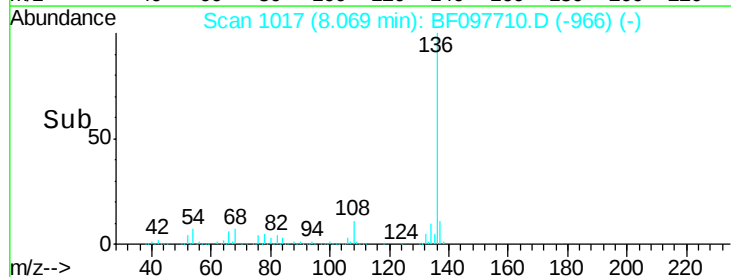
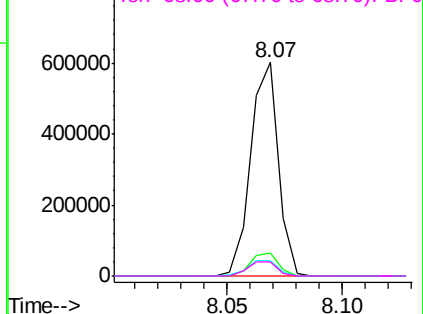


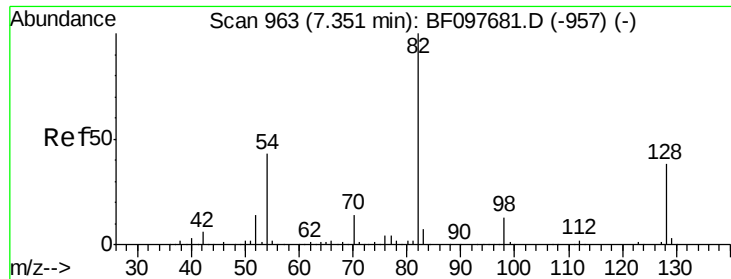
Abundance Ion 136.00 (135.70 to 136.70): E

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

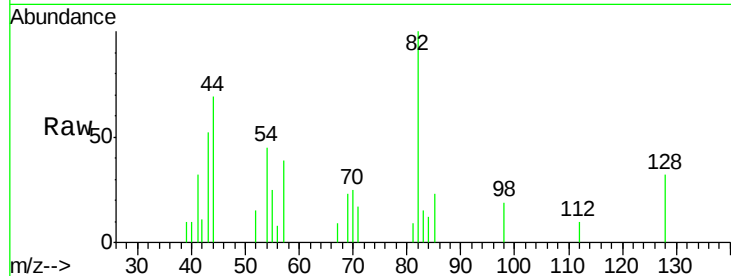




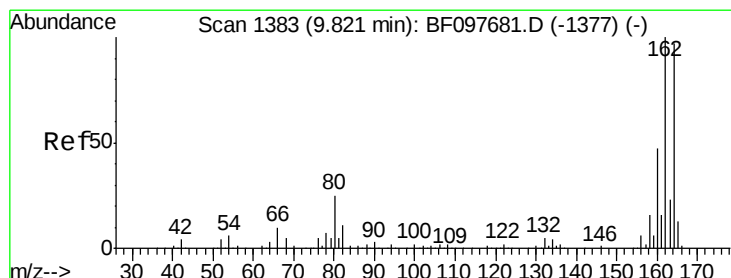
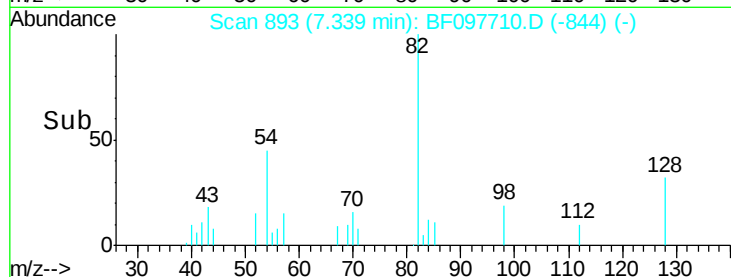
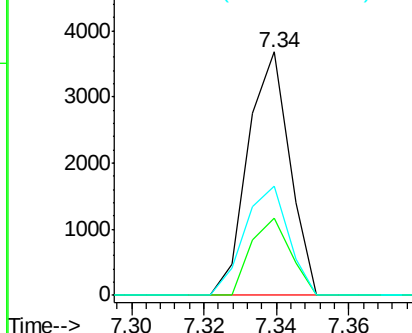
#23
 Nitrobenzene-d5
 Concen: 0.32 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097710.D
 Acq: 16 Aug 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 HAMILTON-PL-WATER-60

Tot Ion	82	Resp	2930
Ion Ratio	Lower	Upper	
82	100		
128	31.8	34.0	51.0#
54	45.0	42.2	63.2

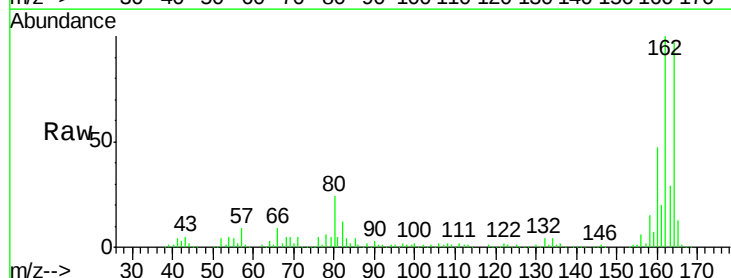


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

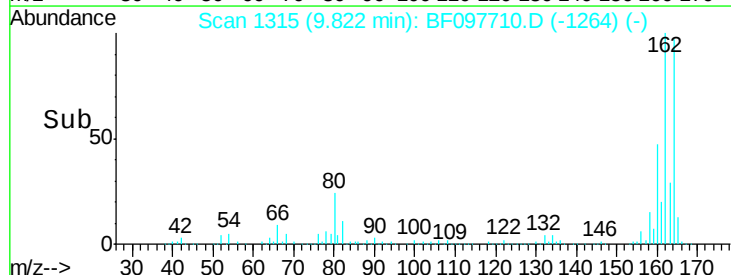
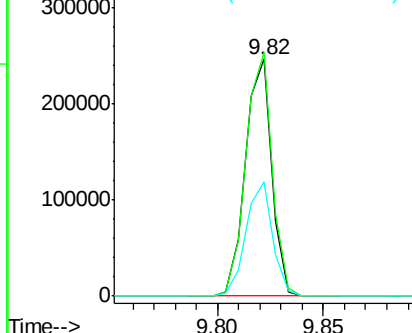


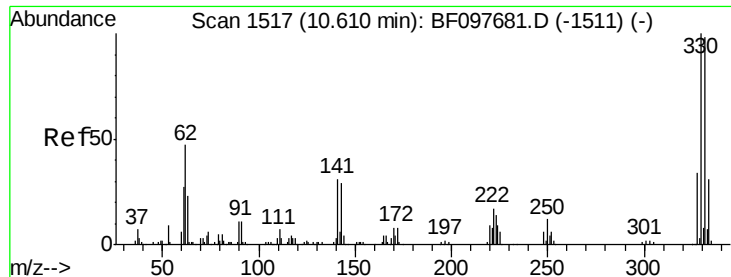
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097710.D
 Acq: 16 Aug 2017 00:16

Tgt Ion	164	Resp	212494
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.6	123.8
160	48.2	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: 0.27 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_F

ClientSampleId :

HAMILTON-PL-WATER-60

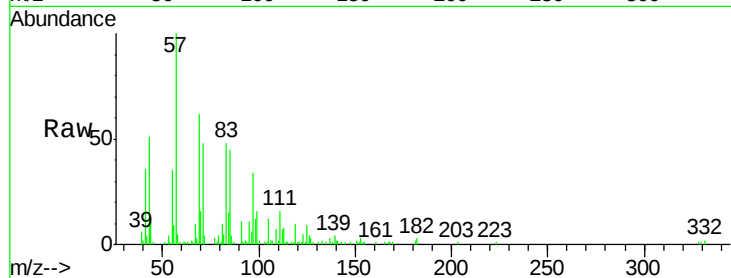
Tot Ion:330 Resp: 502

Ion Ratio Lower Upper

330 100

332 151.0 76.6 115.0#

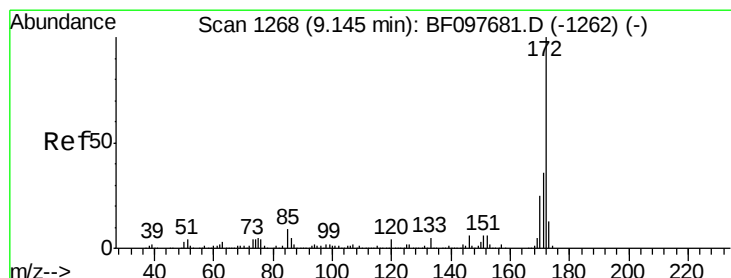
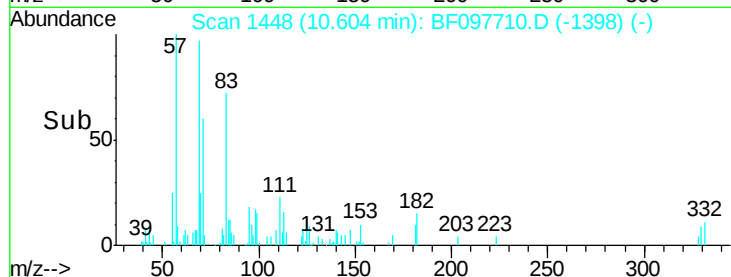
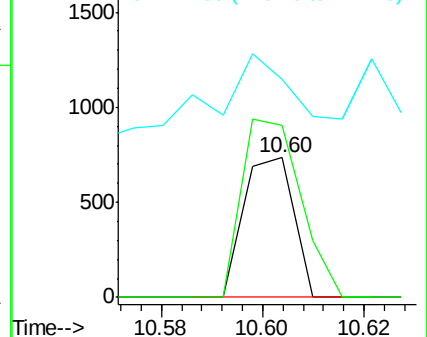
141 70.3 31.4 47.2#



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: 0.45 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

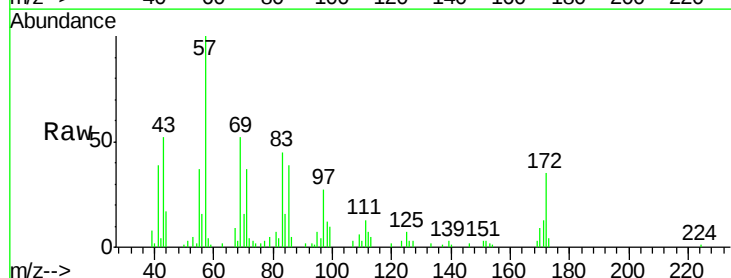
Tgt Ion:172 Resp: 6568

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

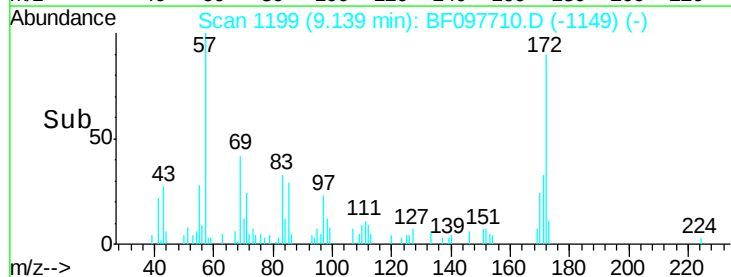
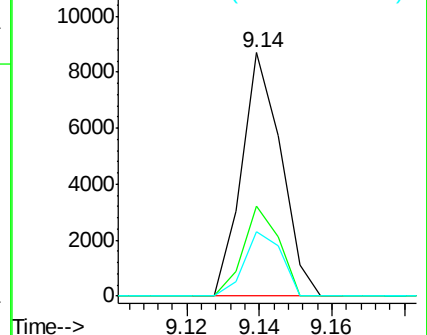
170 26.7 19.8 29.8

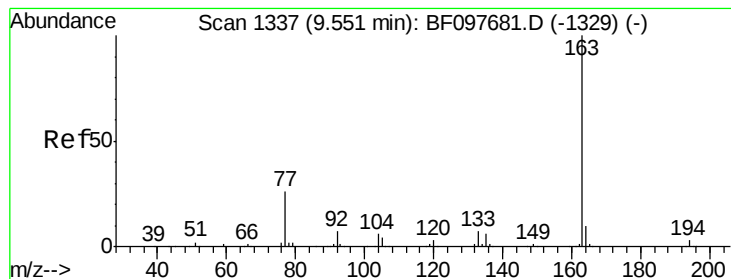


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.91 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.27 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_F

ClientSampleId :

HAMILTON-PL-WATER-60

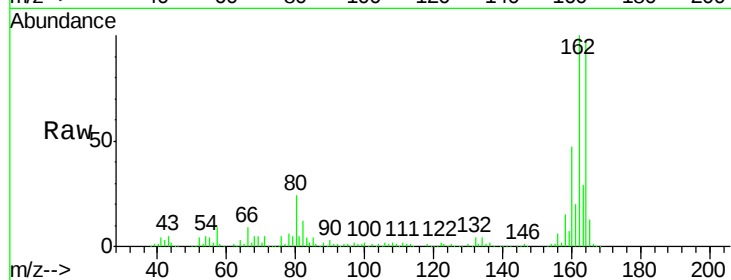
Tot Ion:163 Resp: 60806

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

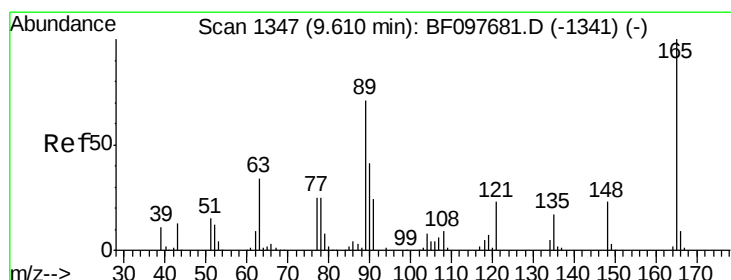
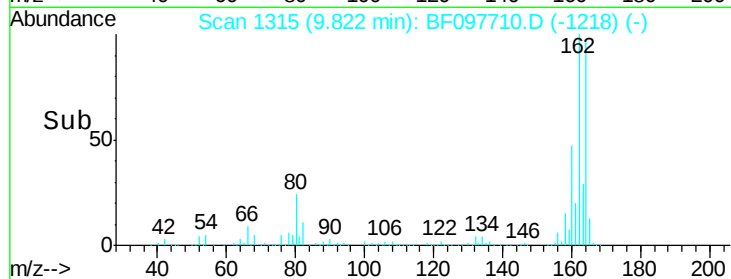
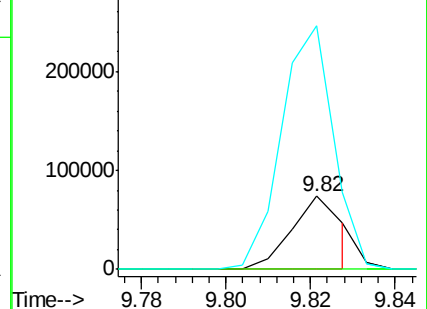
164 333.7 8.4 12.6#



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



#50

2,6-Dinitrotoluene

Concen: 9.13 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

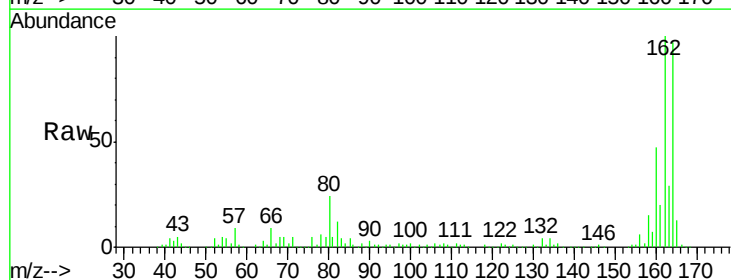
Tgt Ion:165 Resp: 28309

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

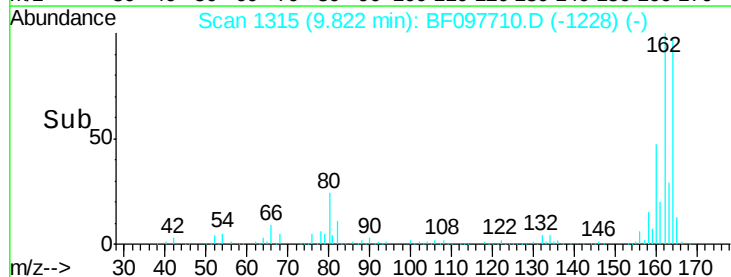
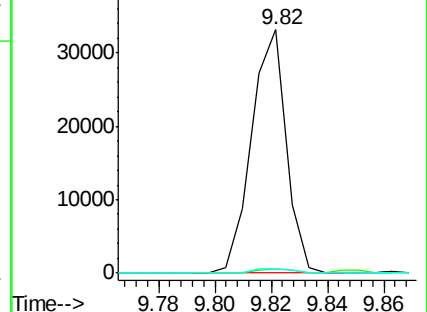
89 2.0 37.1 55.7#

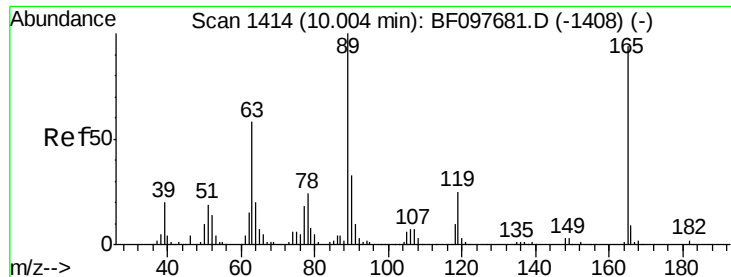


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

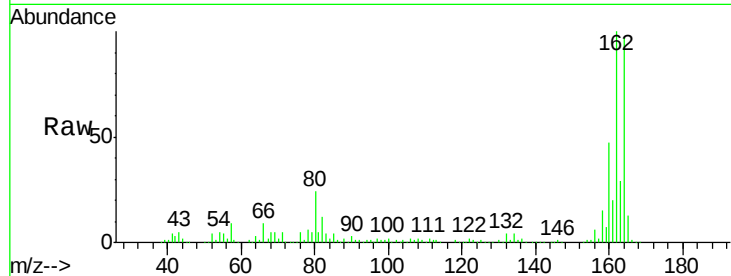




#56
2,4-Dinitrotoluene
Concen: 7.28 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

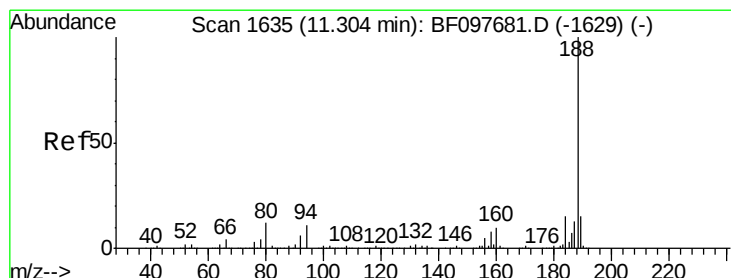
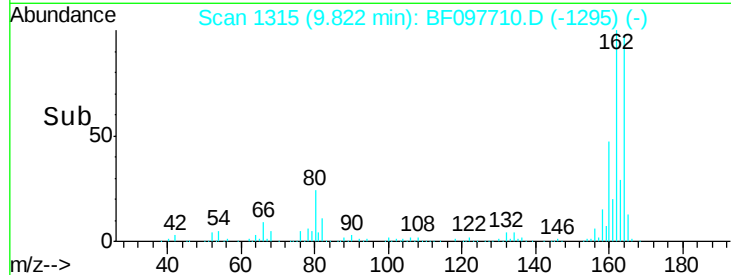
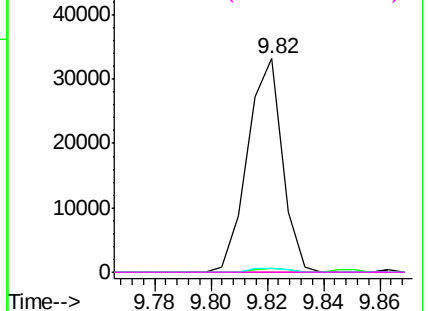


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

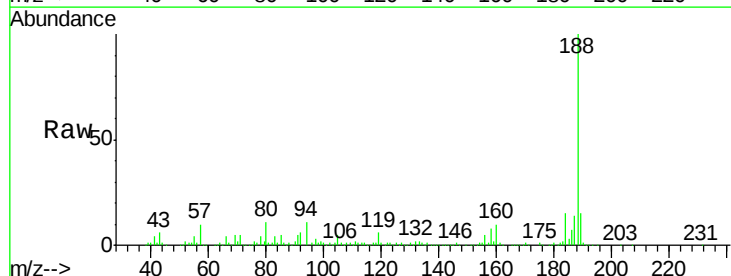
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

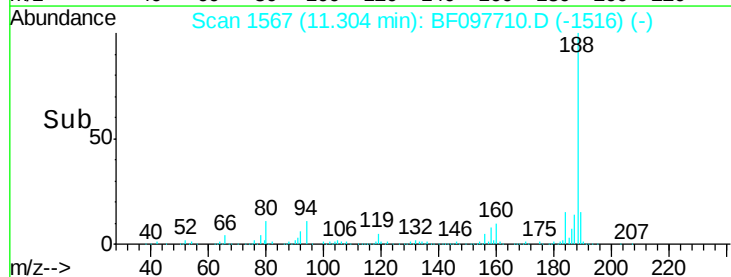
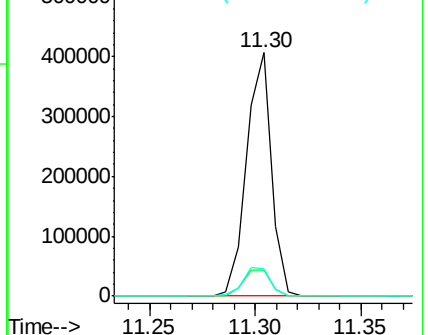
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.4	10.2	15.2

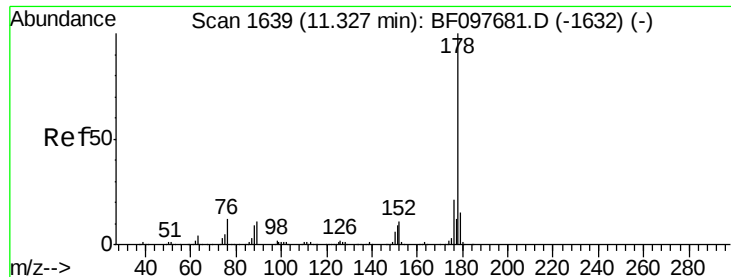


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.37 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_F

ClientSampleId :

HAMILTON-PL-WATER-60

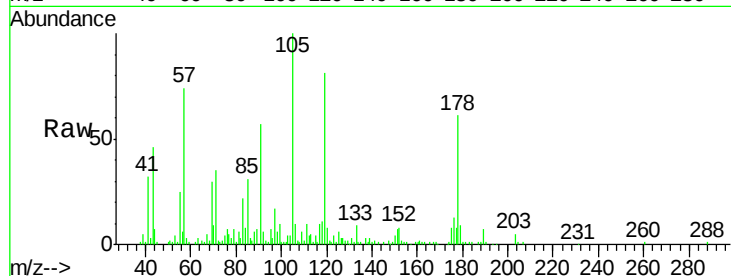
Tot Ion:178 Resp: 41878

Ion Ratio Lower Upper

178 100

176 21.8 16.2 24.4

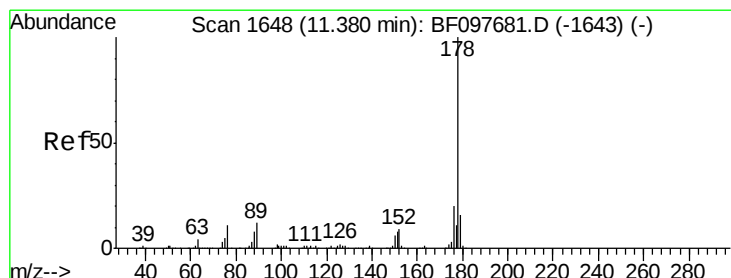
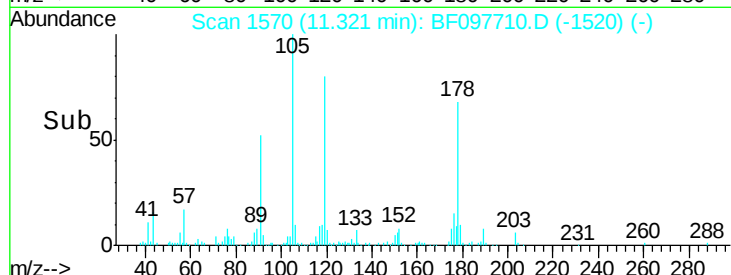
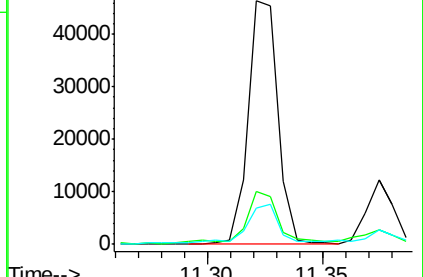
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.33 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.06 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

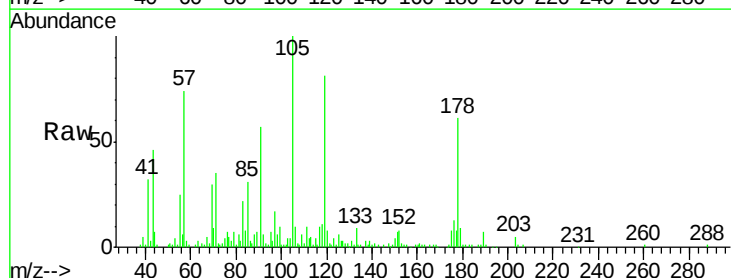
Tgt Ion:178 Resp: 41878

Ion Ratio Lower Upper

178 100

176 21.8 15.8 23.8

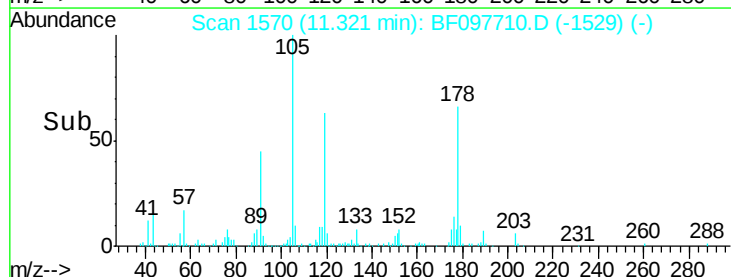
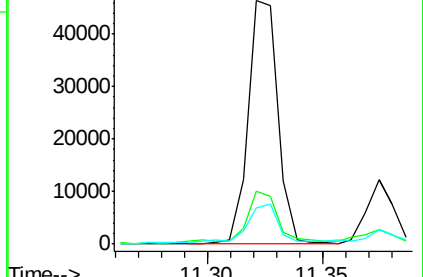
179 15.1 12.7 19.1

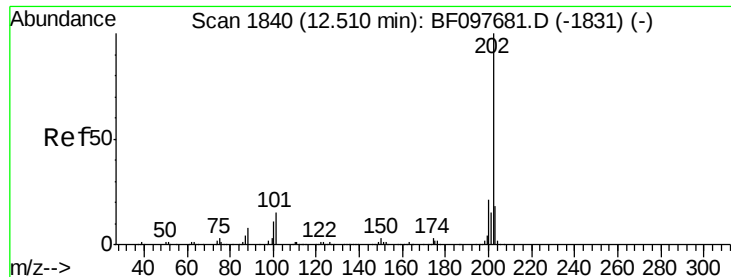


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.60 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_F

ClientSampleId :

HAMILTON-PL-WATER-60

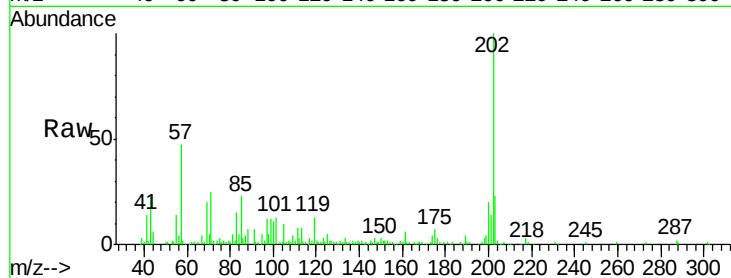
Tot Ion:202 Resp: 85081

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

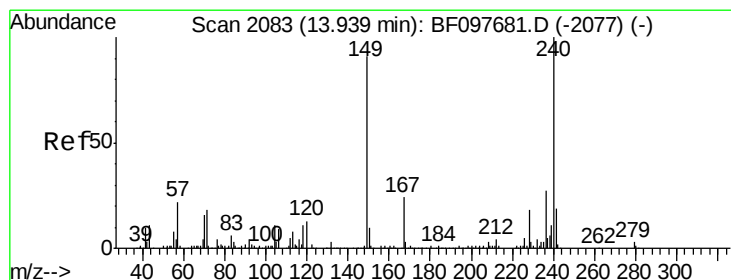
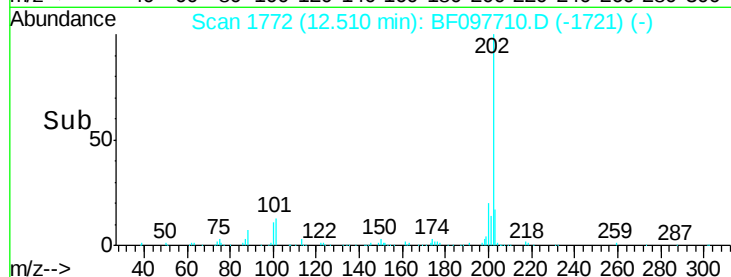
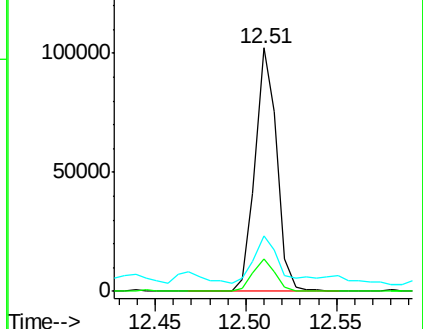
203 22.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

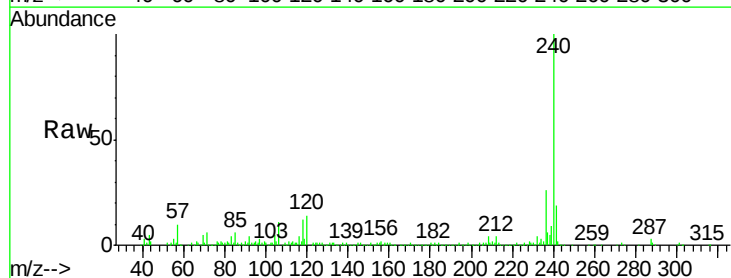
Tgt Ion:240 Resp: 262209

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

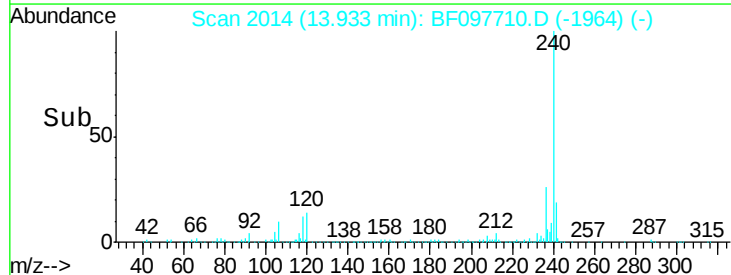
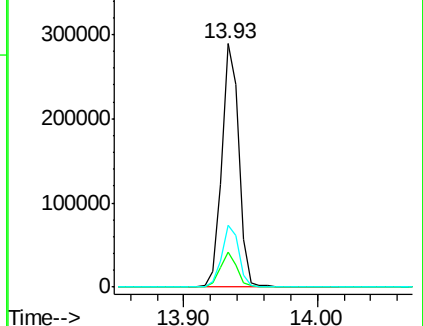
236 25.6 20.5 30.7

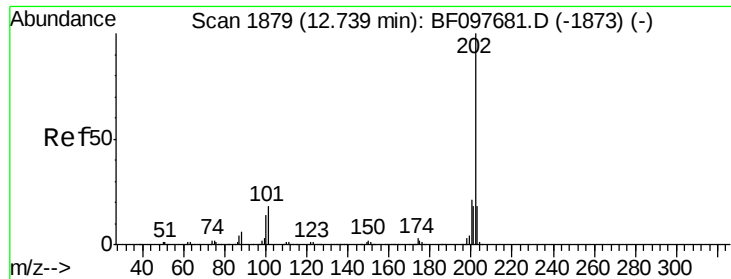


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.69 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_F

ClientSampleId :

HAMILTON-PL-WATER-60

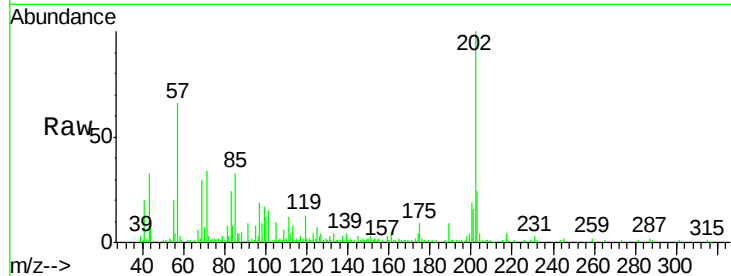
Tot Ion:202 Resp: 57688

Ion Ratio Lower Upper

202 100

200 18.5 17.6 26.4

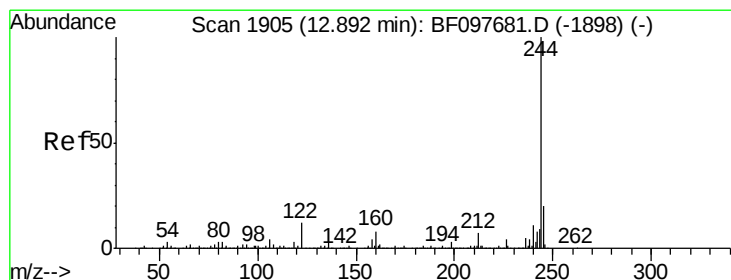
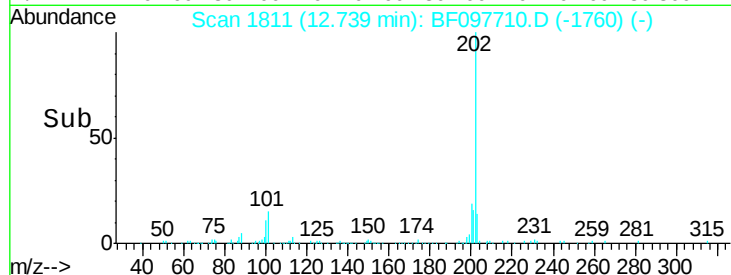
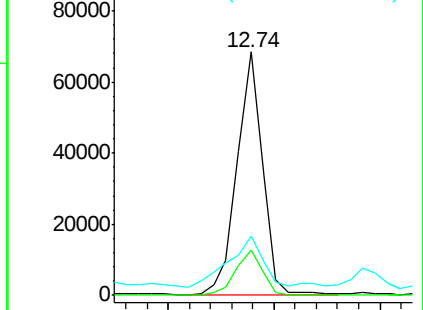
203 24.4 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 0.32 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097710.D

Acq: 16 Aug 2017 00:16

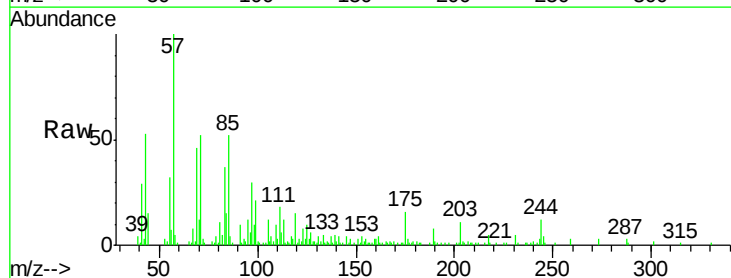
Tgt Ion:244 Resp: 4039

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

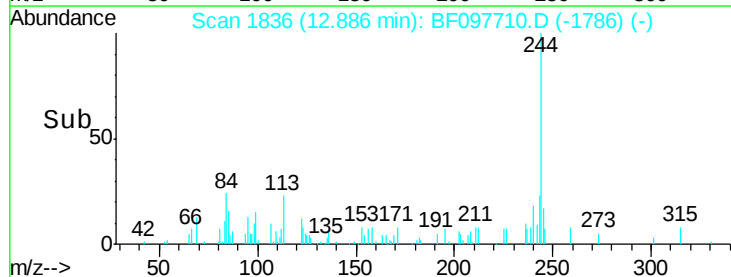
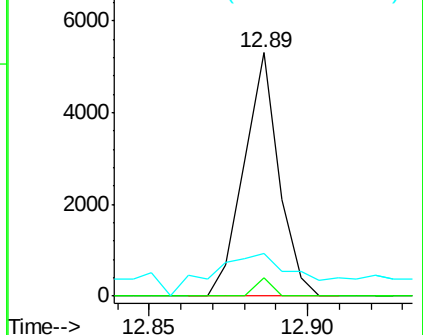
122 17.8 10.3 15.5#

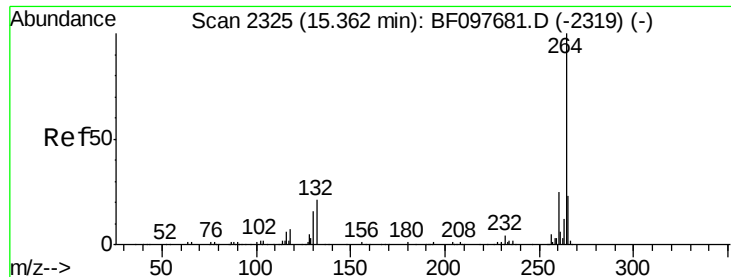


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	21.5	17.2	25.8

