

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098592.D
 Acq On : 16 Sep 2017 2:11
 Operator : SJ/JU
 Sample : I5127-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LP-WATER

Quant Time: Sep 16 04:23:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

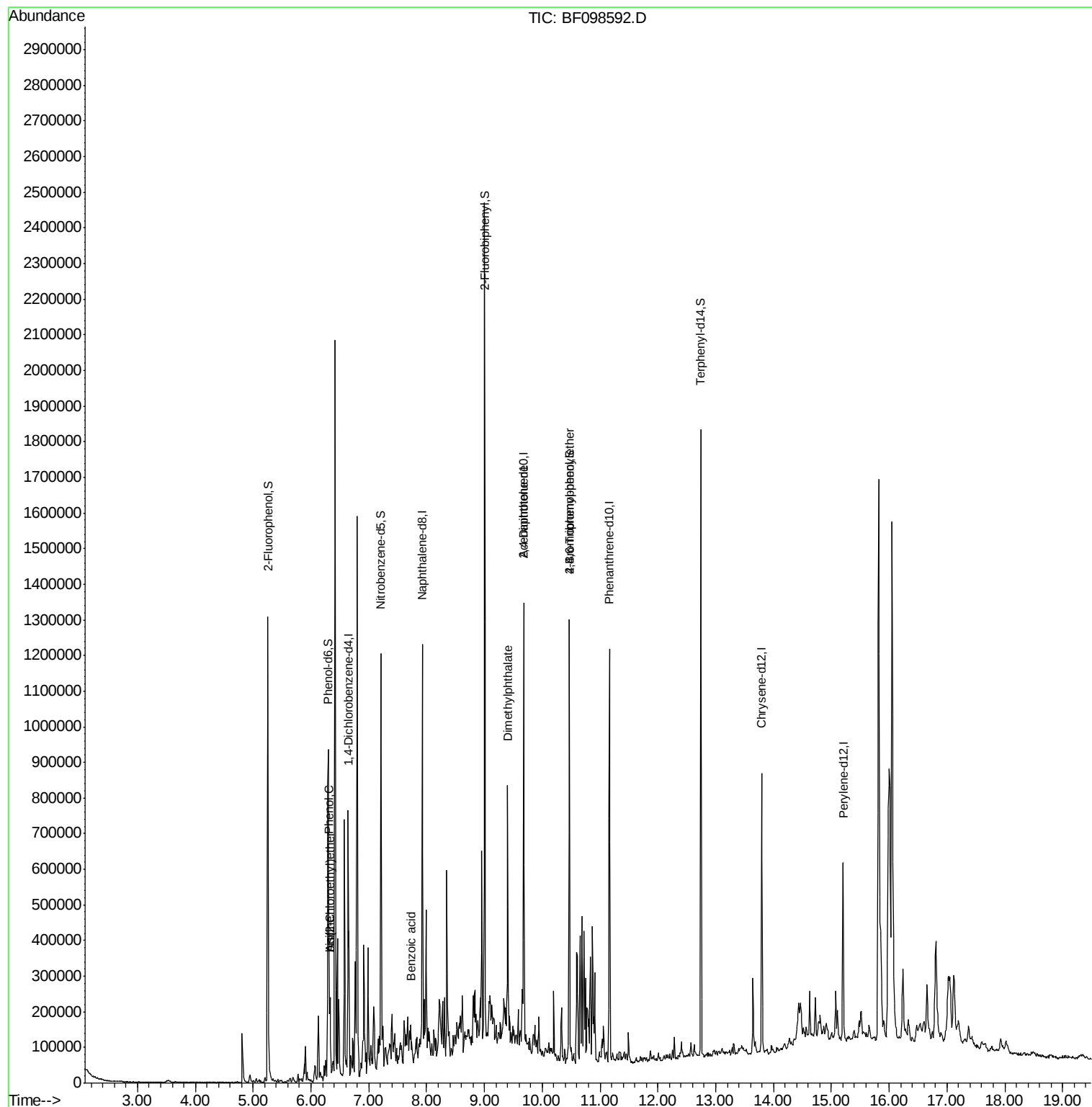
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	104832	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	465970	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	224639	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	371239	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	239399	20.00	ng	-0.02
86) Perylene-d12	15.20	264	221292	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	376564	53.11	ng	-0.02
7) Phenol-d6	6.30	99	380360	42.25	ng	-0.02
23) Nitrobenzene-d5	7.21	82	344032	41.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.47	330	117481	78.36	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	677758	51.14	ng	-0.03
78) Terphenyl-d14	12.75	244	486946	43.90	ng	-0.02
Target Compounds						
6) Aniline	6.33	93	29933	2.650	ng	# 57
10) Phenol	6.31	94	26863	2.569	ng	# 74
11) bis(2-Chloroethyl)ether	6.33	93	29933	3.797	ng	# 24
32) Benzoic acid	7.73	122	288	8.018	ng	# 68
49) Dimethylphthalate	9.40	163	77380	4.450	ng	98
56) 2,4-Dinitrotoluene	9.68	165	29429	6.777	ng	# 34
66) 4-Bromophenyl-phenylether	10.47	248	8731	2.478	ng	# 1

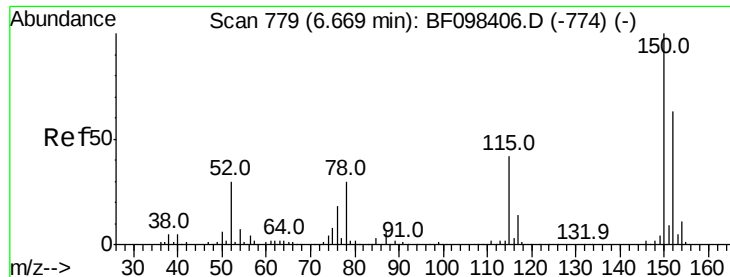
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

Instrument :

BNA_F

ClientSampleId :

LP-WATER

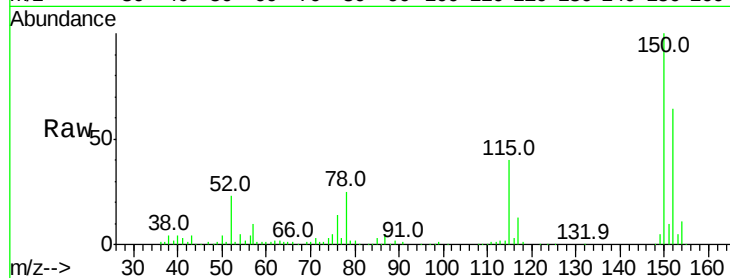
Tot Ion:152 Resp: 104832

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

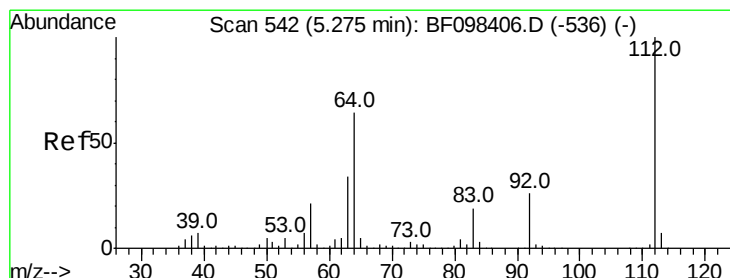
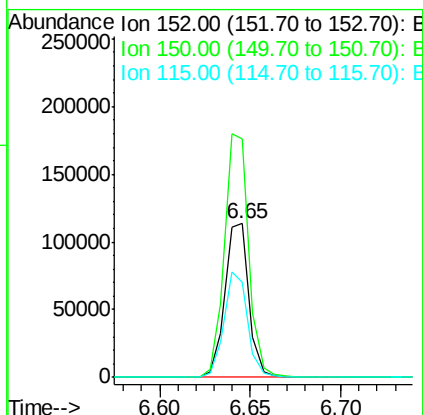
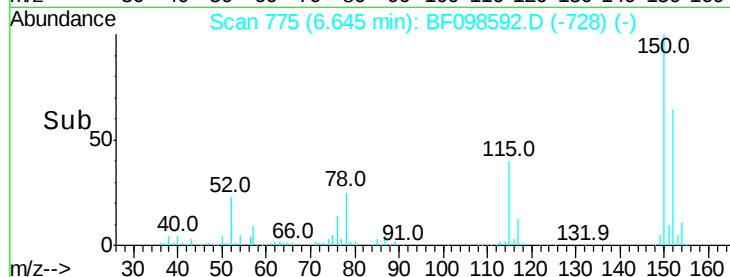
115 61.8 52.2 78.2



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: 53.110 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

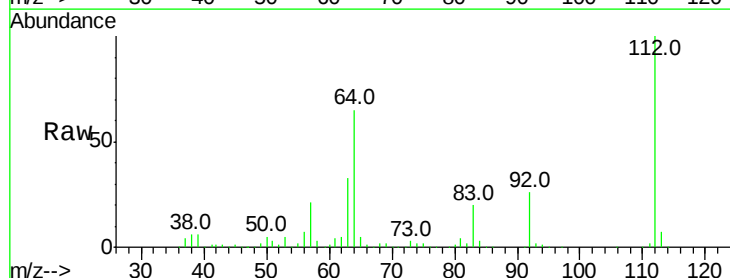
Tgt Ion:112 Resp: 376564

Ion Ratio Lower Upper

112 100

64 65.3 46.0 69.0

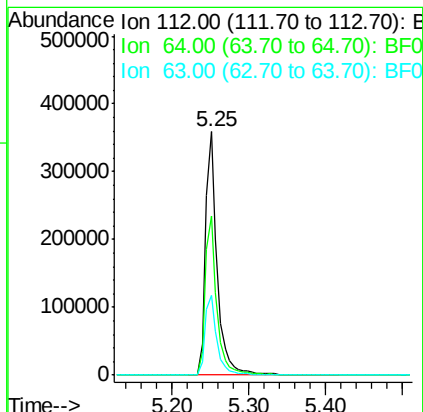
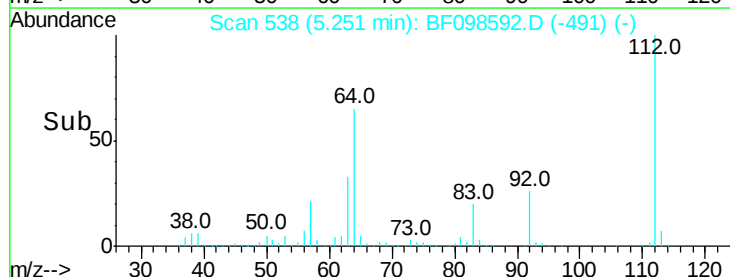
63 32.8 23.4 35.0

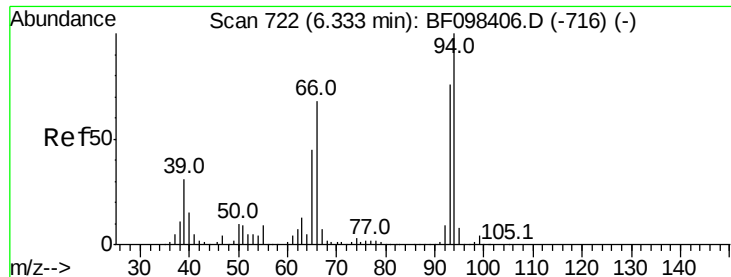


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.650 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

Instrument :

BNA_F

ClientSampleId :

LP-WATER

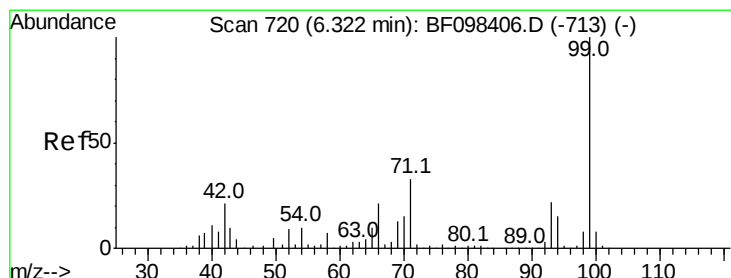
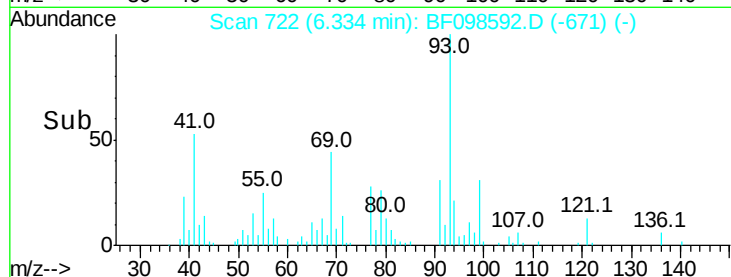
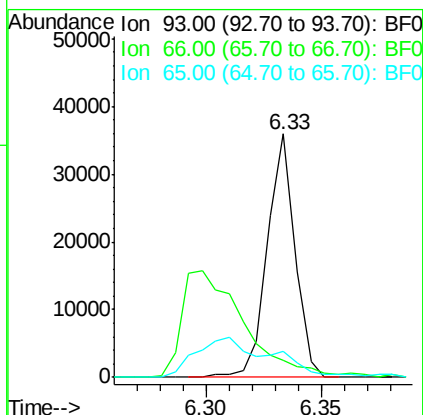
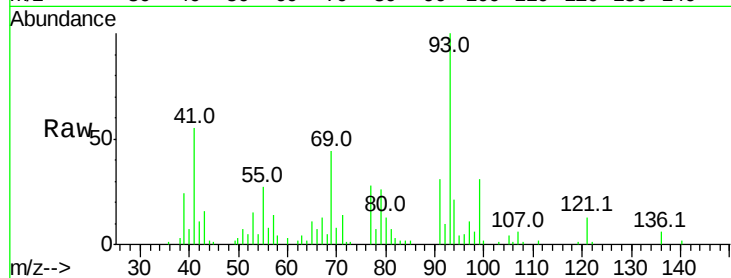
Tot Ion: 93 Resp: 29933

Ion Ratio Lower Upper

93 100

66 7.2 32.9 49.3#

65 10.9 16.0 24.0#



#7

Phenol-d6

Concen: 42.251 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

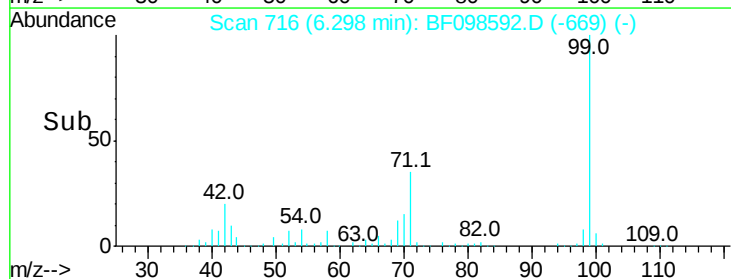
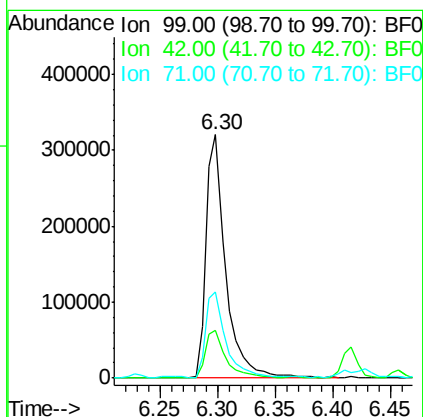
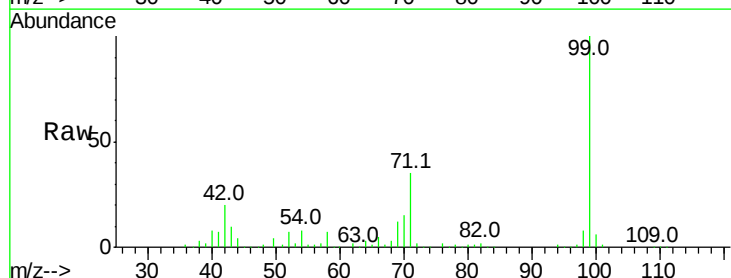
Tgt Ion: 99 Resp: 380360

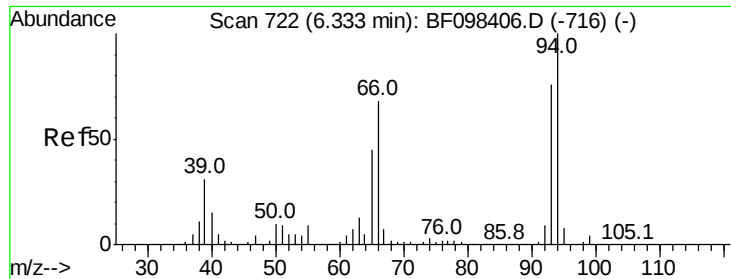
Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

71 35.3 24.5 36.7





#10

Phenol

Concen: 2.569 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

Instrument :

BNA_F

ClientSampled :

LP-WATER

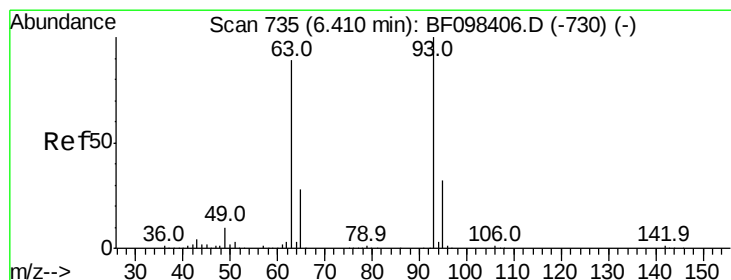
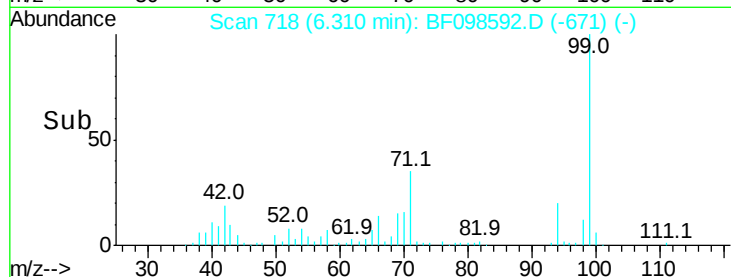
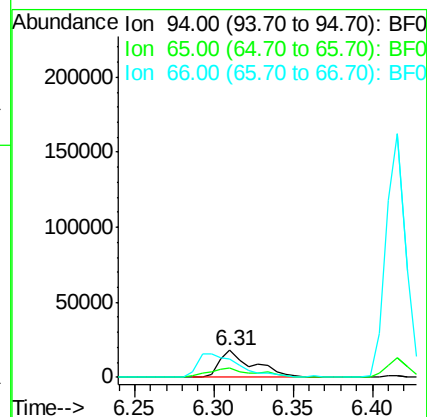
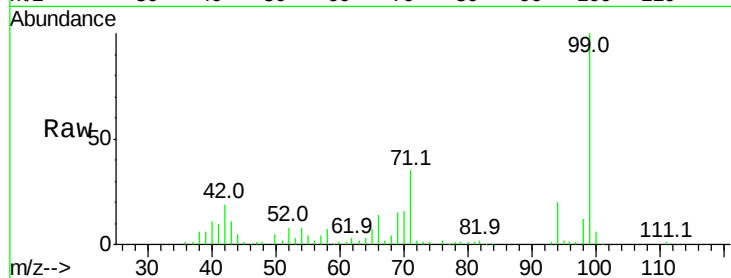
Tot Ion: 94 Resp: 26863

Ion Ratio Lower Upper

94 100

65 32.9 9.9 49.9

66 68.5 23.1 63.1#



#11

bis(2-Chloroethyl)ether

Concen: 3.797 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

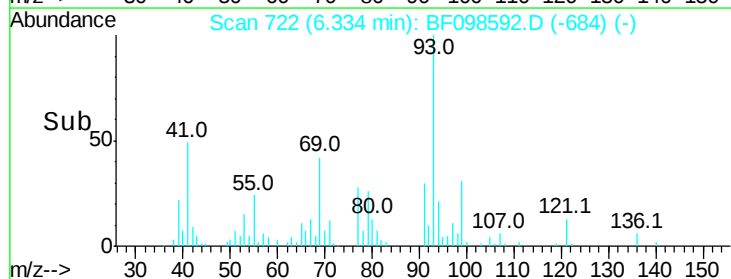
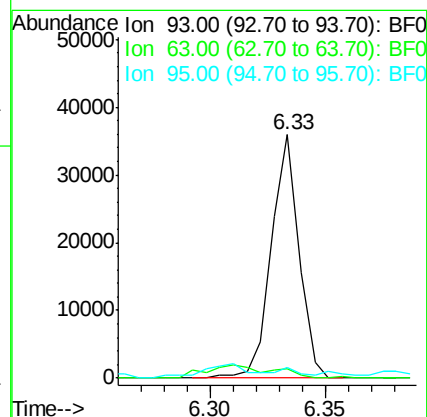
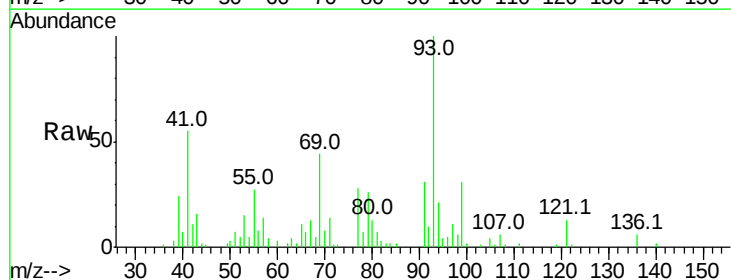
Tgt Ion: 93 Resp: 29933

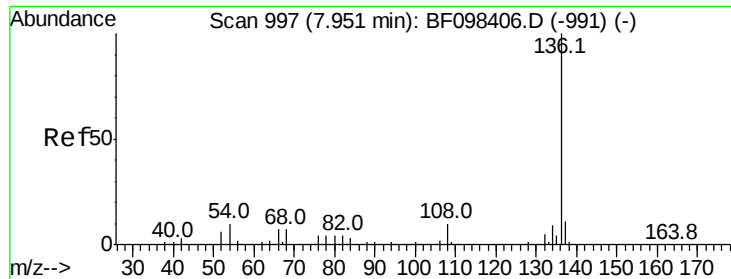
Ion Ratio Lower Upper

93 100

63 3.6 59.2 99.2#

95 4.4 12.8 52.8#

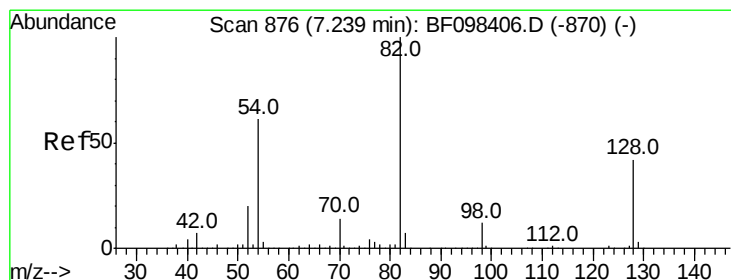
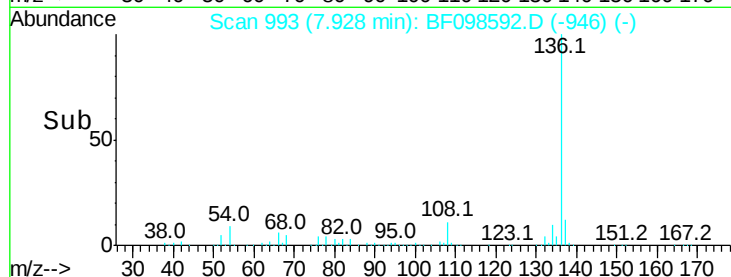
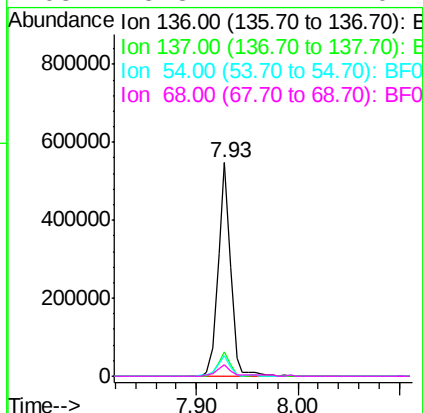
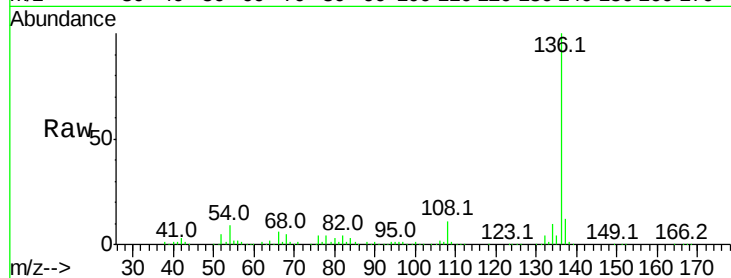




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098592.D
Acq: 16 Sep 2017 2:11

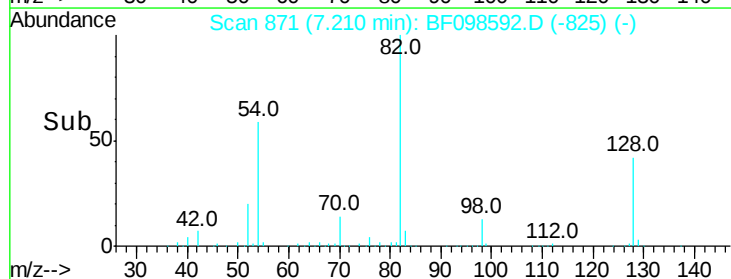
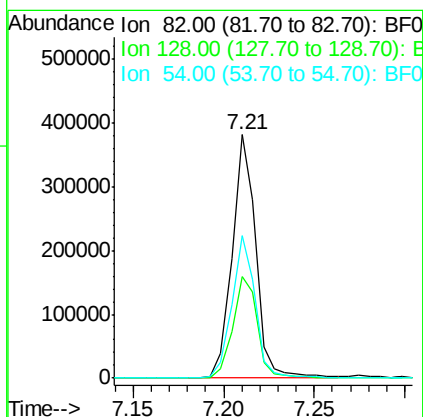
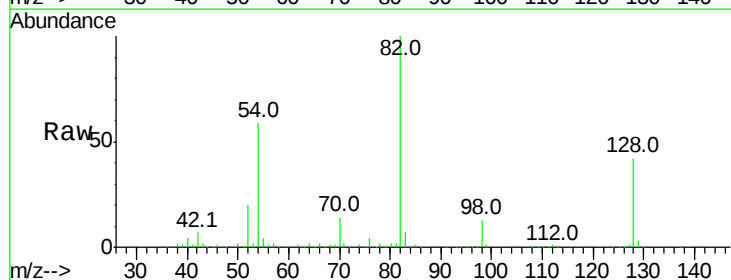
Instrument :
BNA_F
ClientSampleId :
LP-WATER

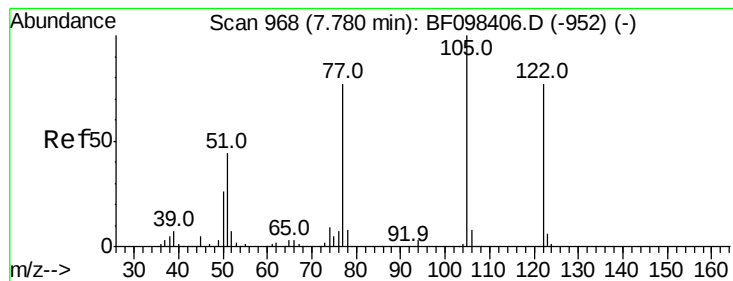
Tot Ion:	136	Resp:	465970
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	9.4	4.9	7.3
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 41.161 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BF098592.D
Acq: 16 Sep 2017 2:11

Tgt Ion:	82	Resp:	344032
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.0	51.0
54	58.6	42.2	63.2





#32

Benzoic acid

Concen: 8.018 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.05 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

Instrument :

BNA_F

ClientSampleId :

LP-WATER

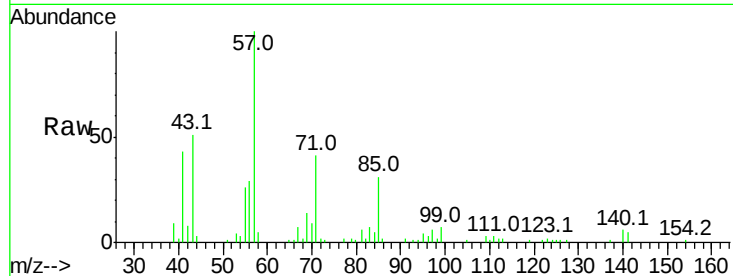
Tot Ion:122 Resp: 288

Ion Ratio Lower Upper

122 100

105 99.8 103.3 143.3#

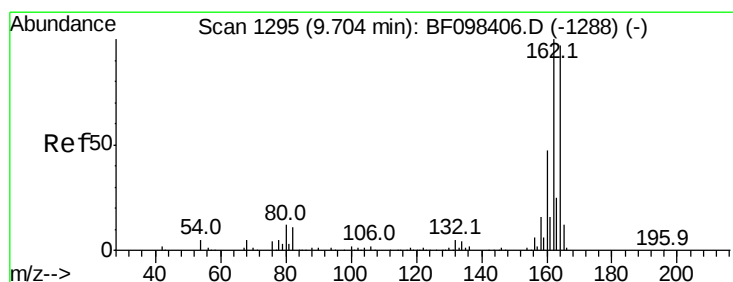
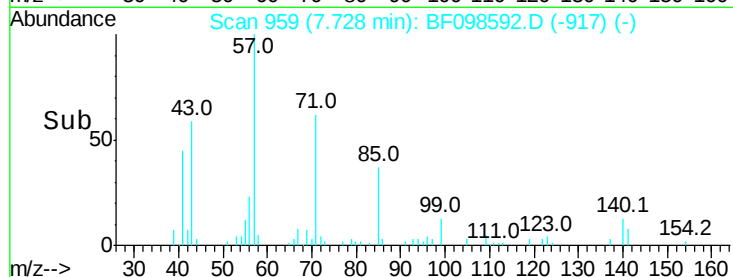
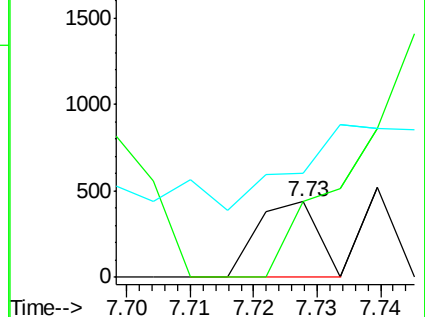
77 138.2 73.7 113.7#



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: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

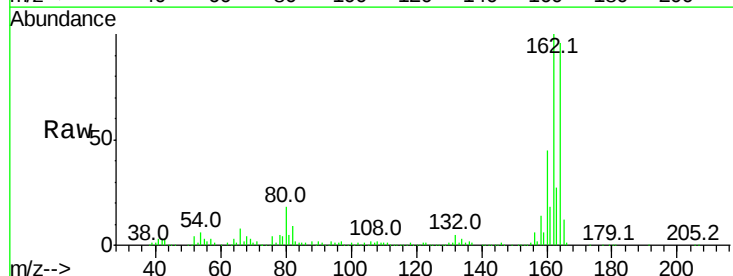
Tgt Ion:164 Resp: 224639

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

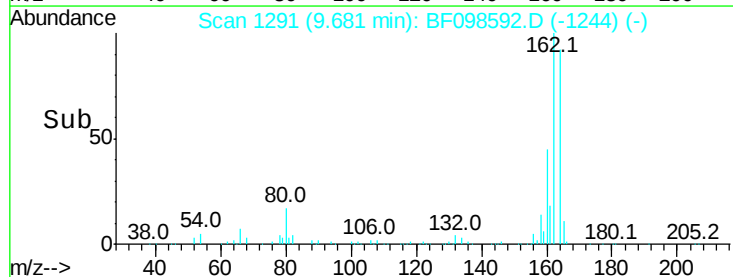
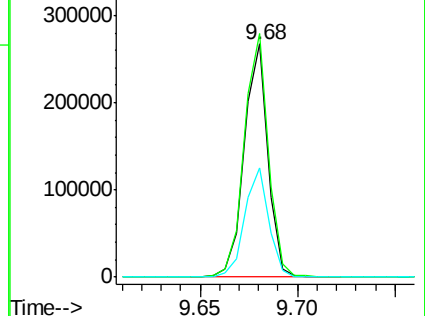
160 46.8 36.2 54.2

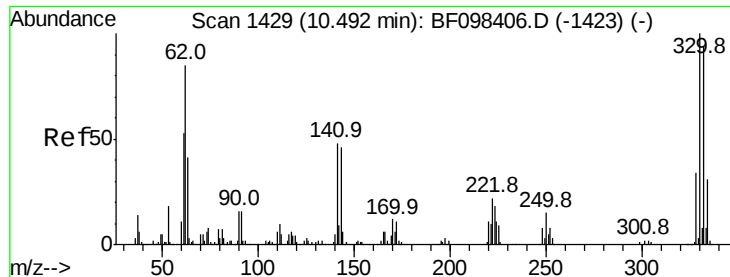


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

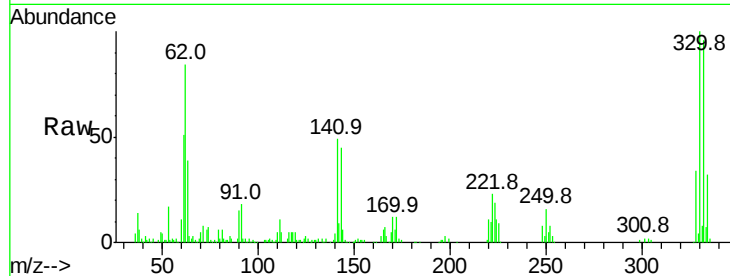




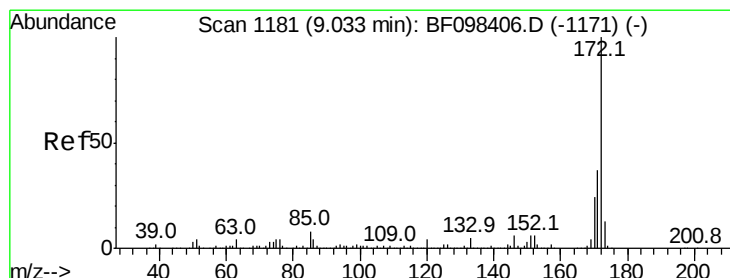
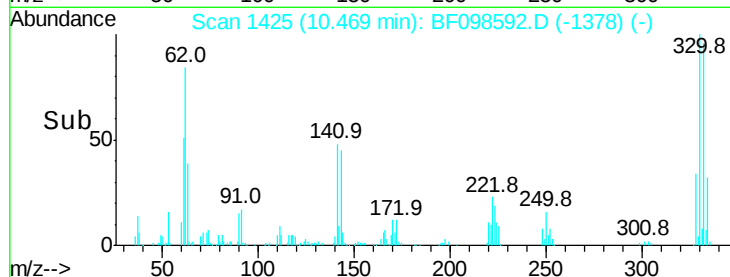
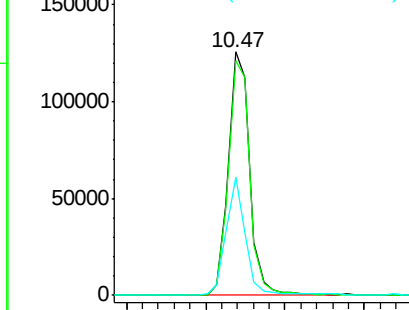
#41
 2,4,6-Tribromophenol
 Concen: 78.358 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF098592.D
 Acq: 16 Sep 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 LP-WATER

Tot Ion:330 Resp: 117481
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 43.1 31.4 47.2

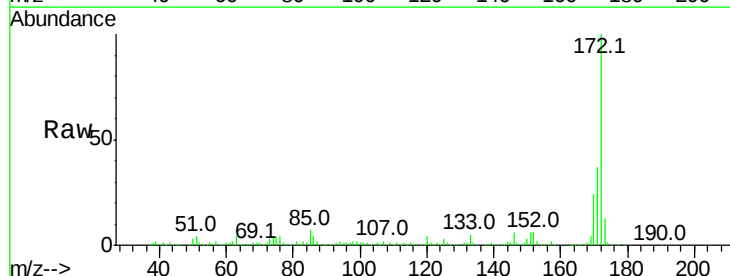


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

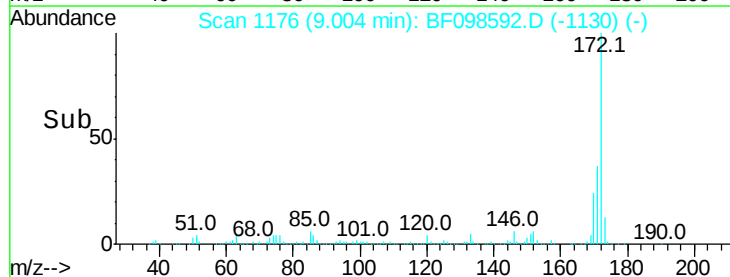
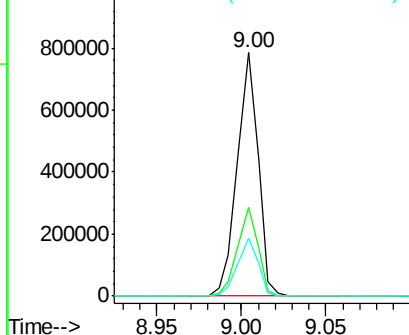


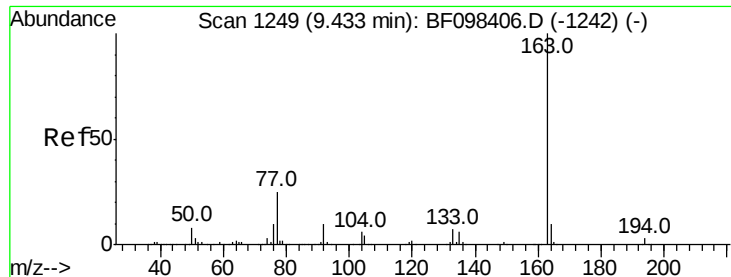
#44
 2-Fluorobiphenyl
 Concen: 51.137 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098592.D
 Acq: 16 Sep 2017 2:11

Tgt Ion:172 Resp: 677758
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.7 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

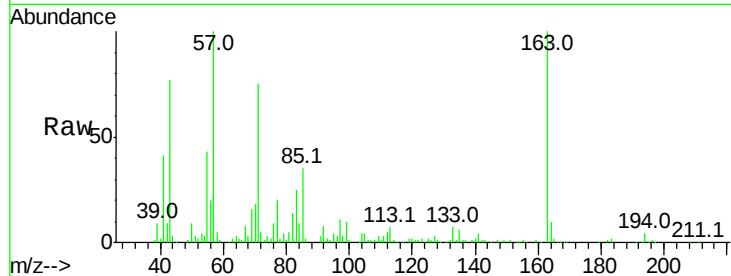




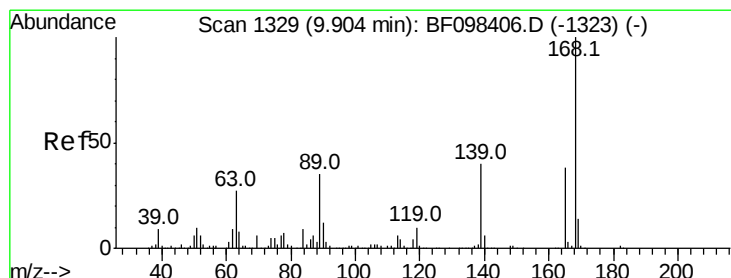
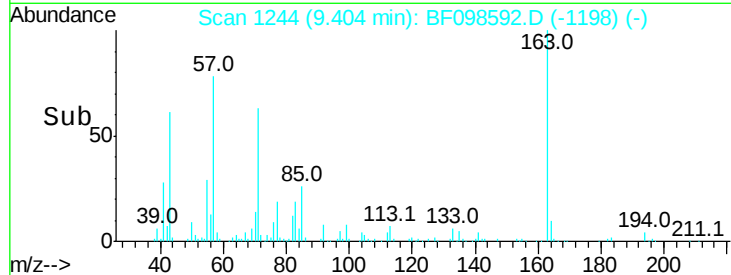
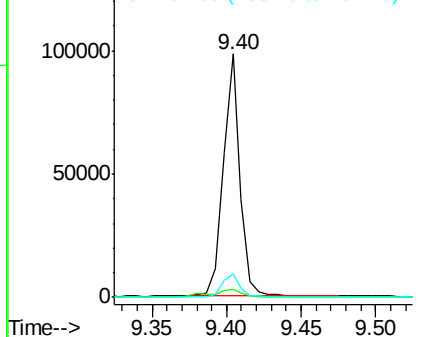
#49
Dimethylphthalate
Concen: 4.450 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098592.D
Acq: 16 Sep 2017 2:11

Instrument :
BNA_F
ClientSampled :
LP-WATER

Tot Ion:163 Resp: 77380
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

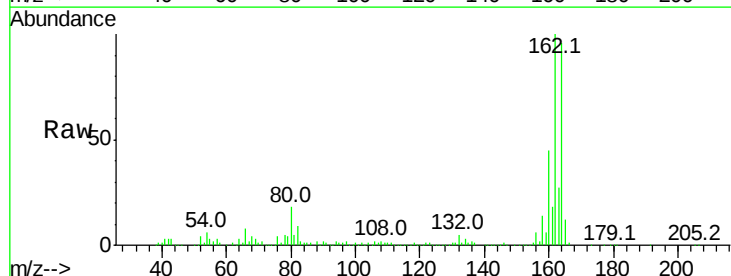


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

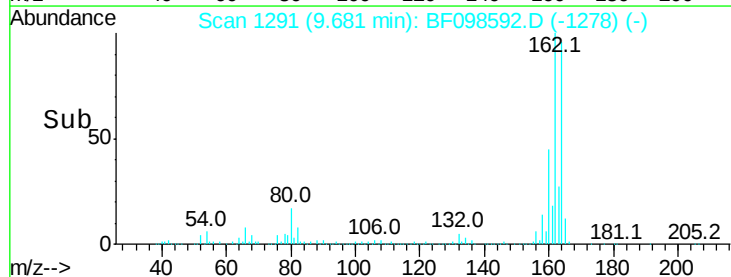
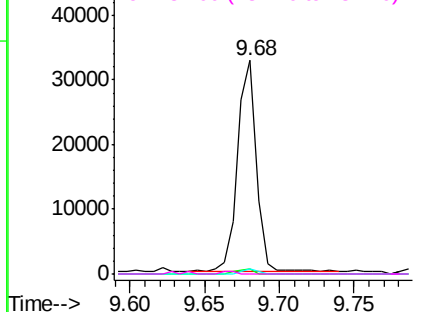


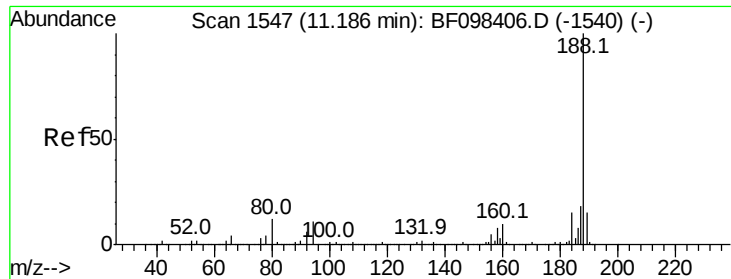
#56
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.22 min
Lab File: BF098592.D
Acq: 16 Sep 2017 2:11

Tgt Ion:165 Resp: 29429
Ion Ratio Lower Upper
165 100
63 2.1 25.4 38.0#
89 2.4 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

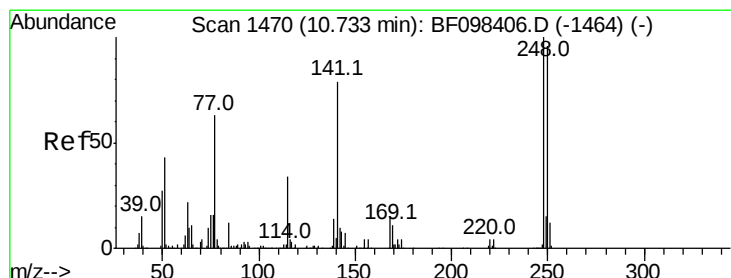
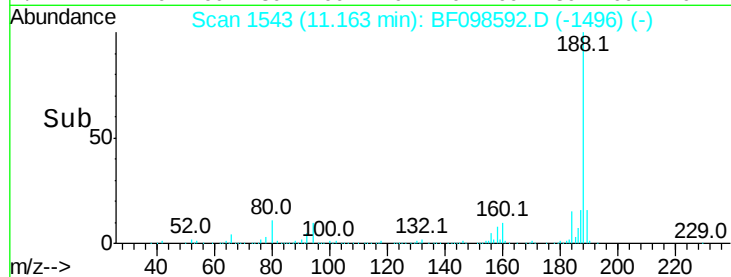
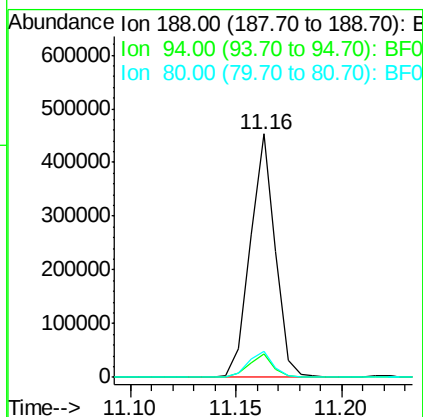
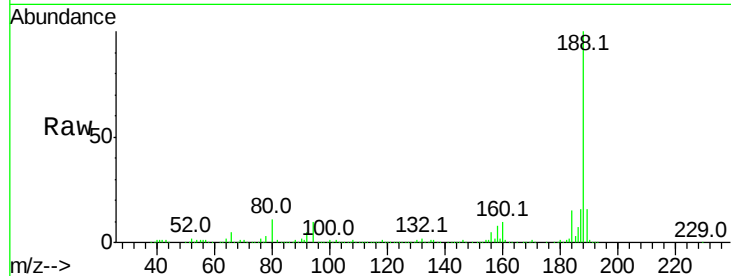




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098592.D
 Acq: 16 Sep 2017 2:11

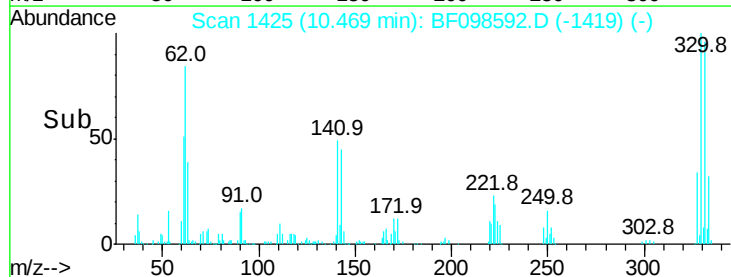
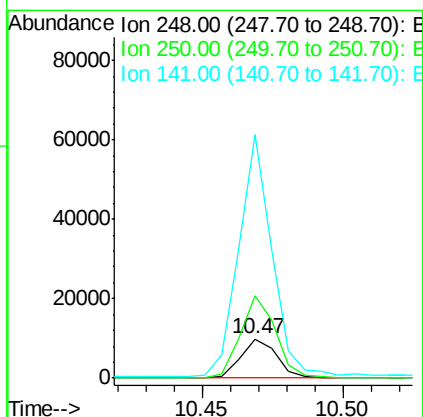
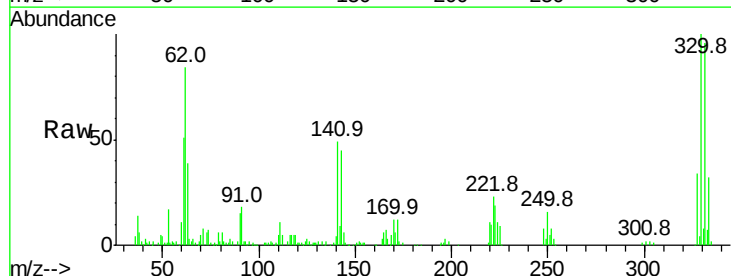
Instrument :
 BNA_F
 ClientSampleId :
 LP-WATER

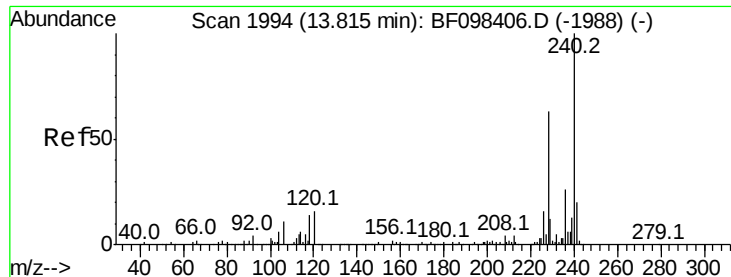
Tot Ion:188 Resp: 371239
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.7 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 2.478 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.26 min
 Lab File: BF098592.D
 Acq: 16 Sep 2017 2:11

Tgt Ion:248 Resp: 8731
 Ion Ratio Lower Upper
 248 100
 250 210.3 76.8 115.2#
 141 622.7 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

Instrument :

BNA_F

ClientSampleId :

LP-WATER

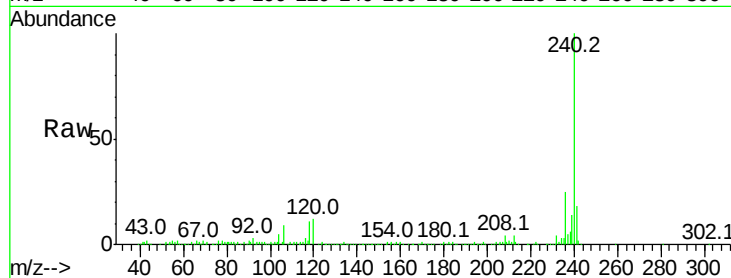
Tot Ion:240 Resp: 239399

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

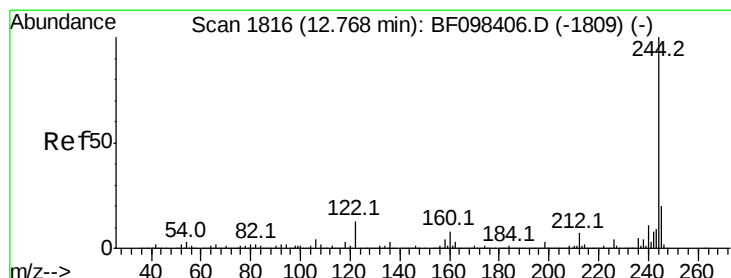
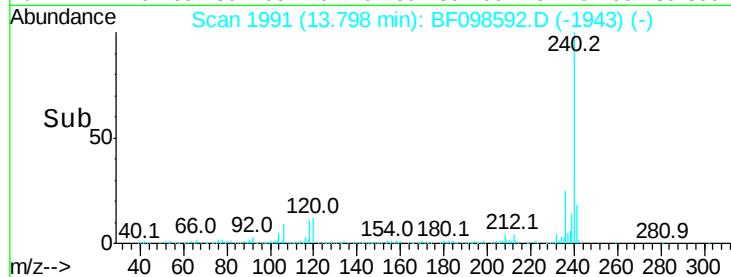
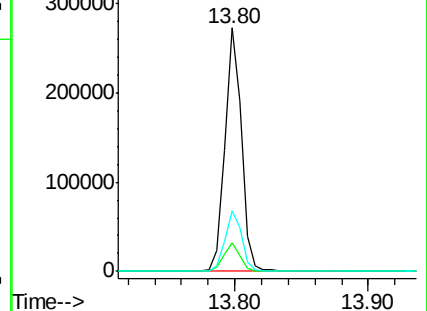
236 24.7 20.5 30.7



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: 43.904 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098592.D

Acq: 16 Sep 2017 2:11

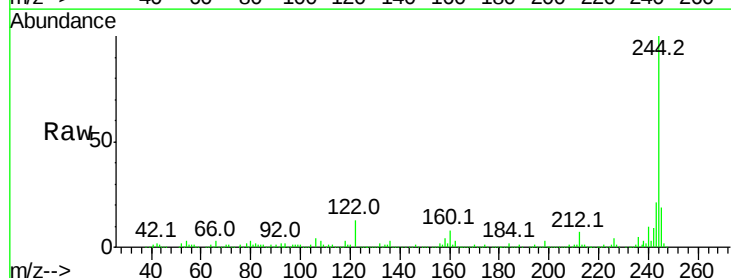
Tgt Ion:244 Resp: 486946

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

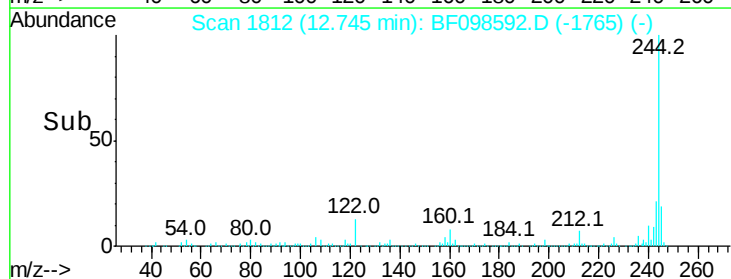
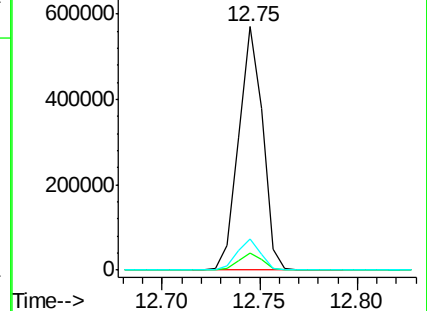
122 13.0 10.3 15.5

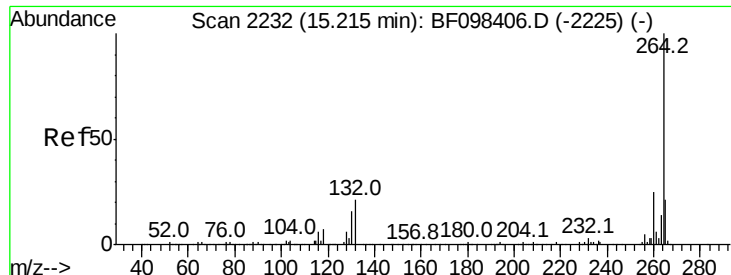


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

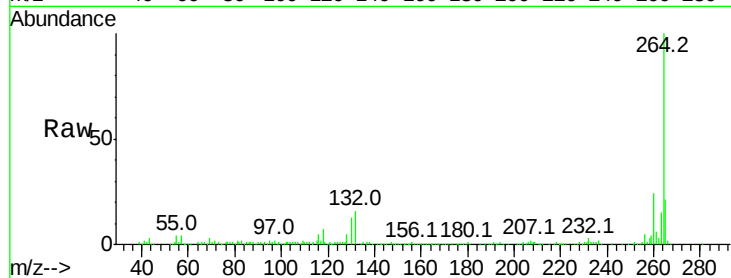




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098592.D
Acq: 16 Sep 2017 2:11

Instrument :
BNA_F
ClientSampleId :
LP-WATER

Tot Ion:	264	Resp:	221292
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.2	25.8



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

