

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106694.D
 Acq On : 22 Jun 2018 8:18
 Operator : JU/SJ
 Sample : J3611-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-1366-WATER

Quant Time: Jun 22 09:10:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	55836	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	213555	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	99755	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	190479	20.00	ng	0.00
75) Chrysene-d12	14.15	240	152919	20.00	ng	0.00
86) Perylene-d12	15.71	264	127491	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	63092	19.13	ng	0.00
7) Phenol-d6	6.60	99	79173	19.23	ng	-0.01
23) Nitrobenzene-d5	7.52	82	41330	10.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	17815	15.41	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	96960	2.06	ng	-0.01
78) Terphenyl-d14	13.08	244	114704	18.17	ng	0.00

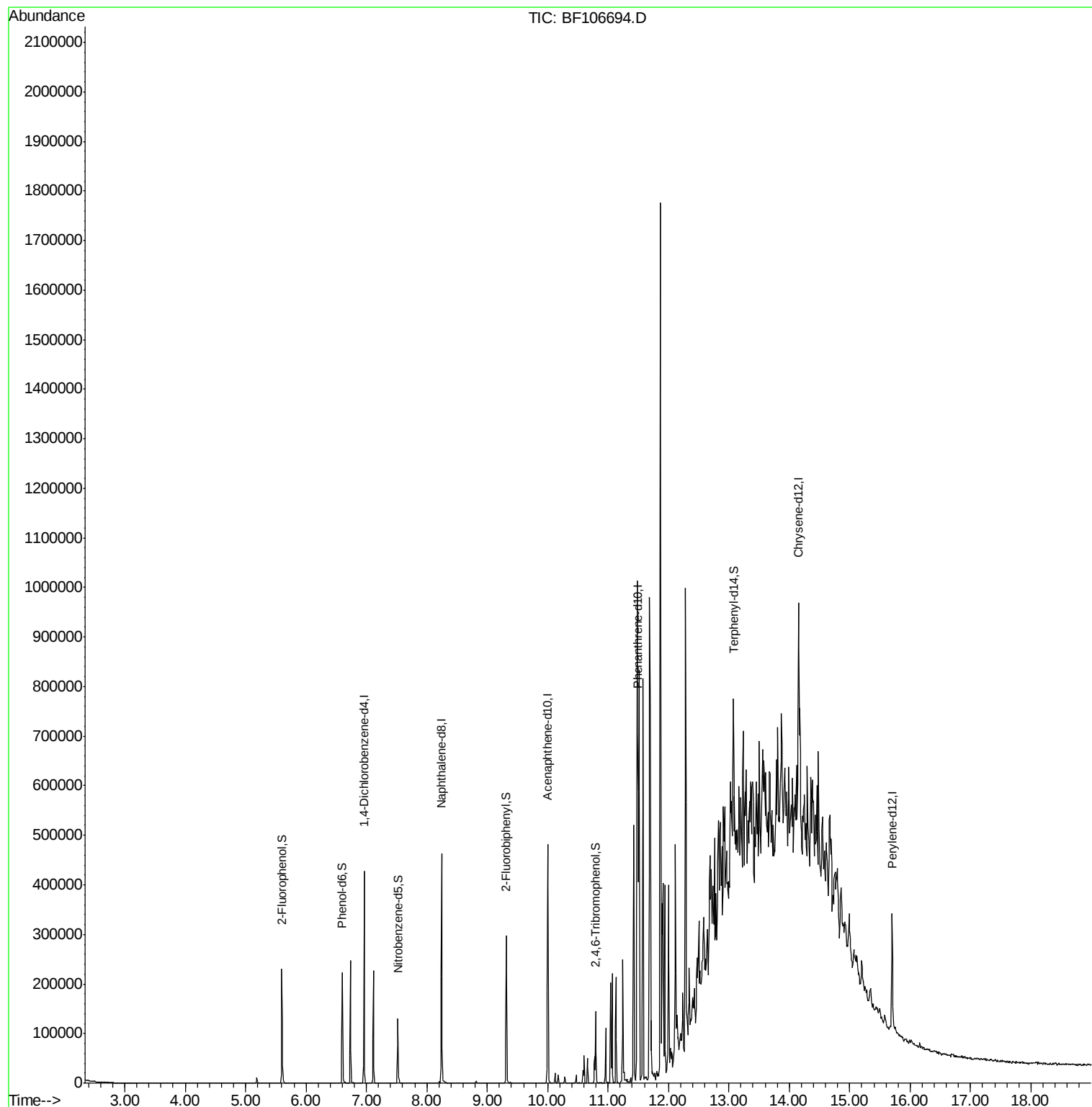
Target Compounds Qvalue

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

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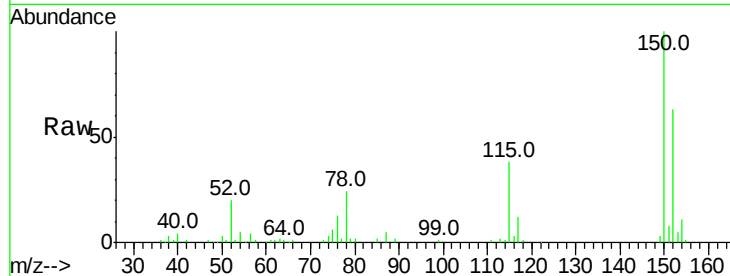


#1

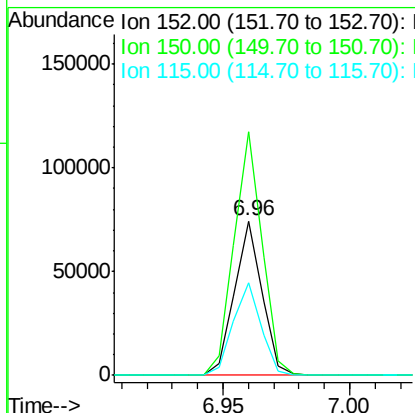
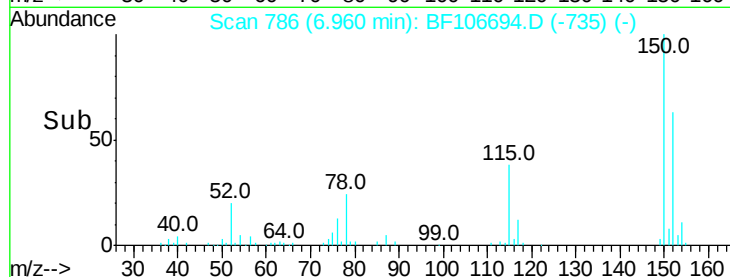
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Instrument :
 BNA_F
 ClientSampleId :
 N-1366-WATER

Tot Ion:152 Resp: 55836
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 59.9 50.1 75.1



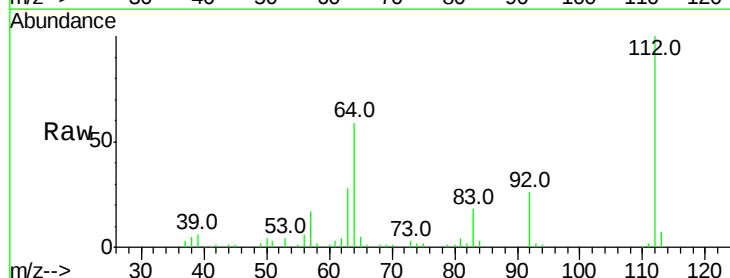
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



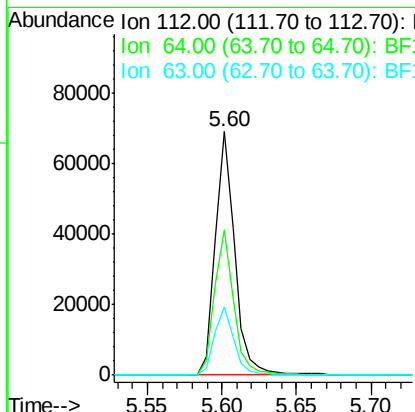
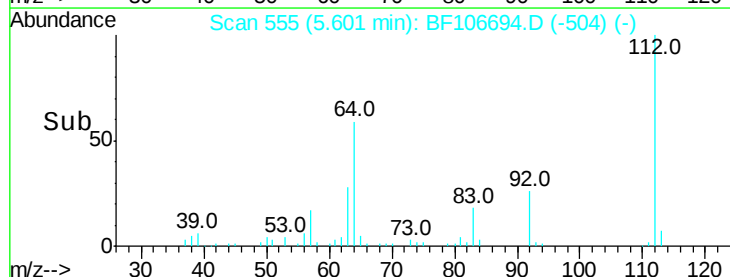
#5

2-Fluorophenol
 Concen: 19.134 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Tgt Ion:112 Resp: 63092
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 28.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.227 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106694.D

Acq: 22 Jun 2018 8:18

Instrument :

BNA_F

ClientSampleId :

N-1366-WATER

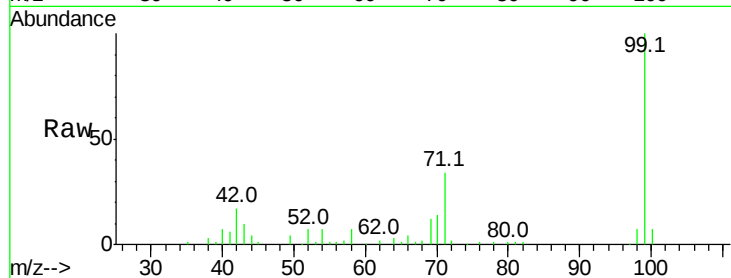
Tot Ion: 99 Resp: 79173

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

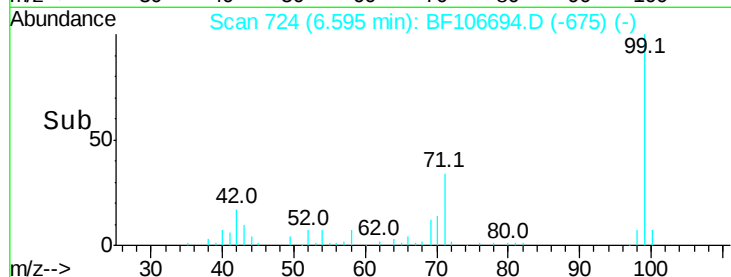
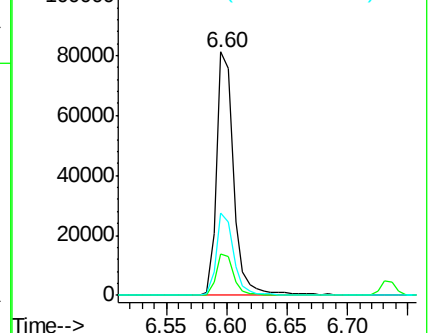
71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106694.D

Acq: 22 Jun 2018 8:18

Tgt Ion: 136 Resp: 213555

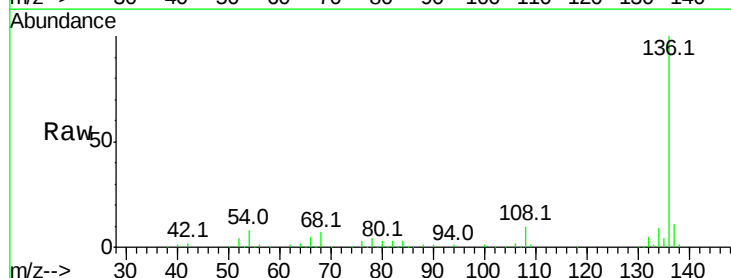
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 6.6 5.0 7.4

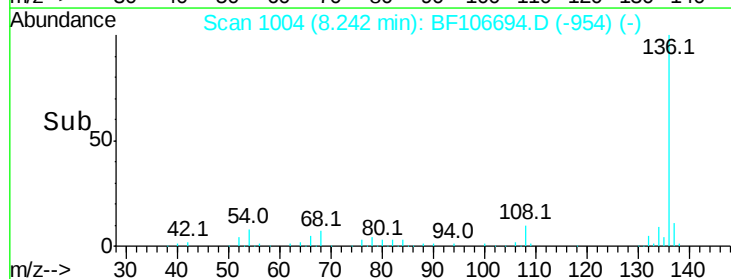
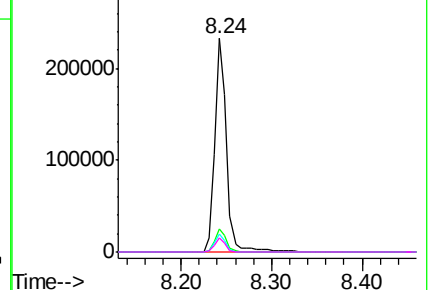


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

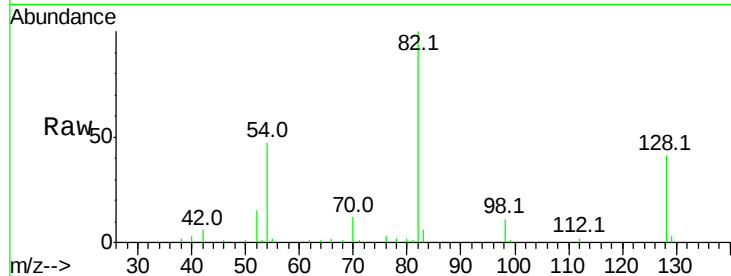




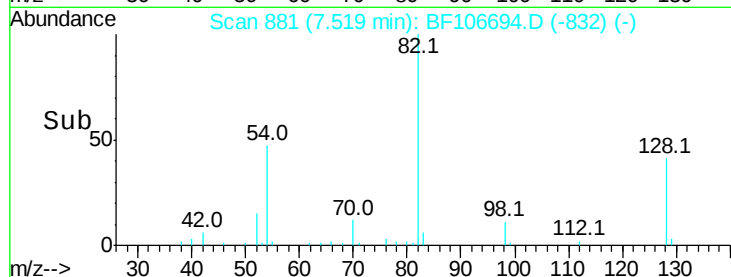
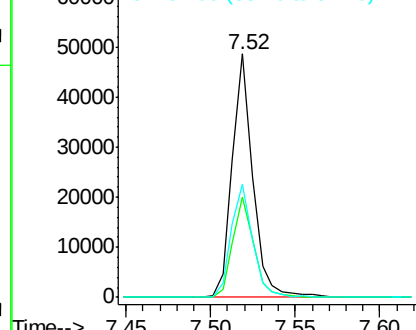
#23
 Nitrobenzene-d5
 Concen: 10.755 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Instrument :
 BNA_F
 ClientSampleId :
 N-1366-WATER

Tot Ion: 82 Resp: 41330
 Ion Ratio Lower Upper
 82 100
 128 41.3 36.1 54.1
 54 46.5 41.4 62.2

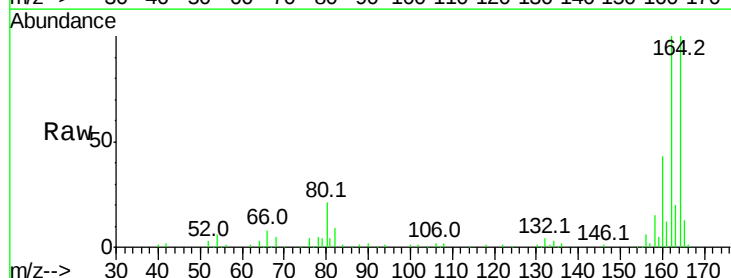


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

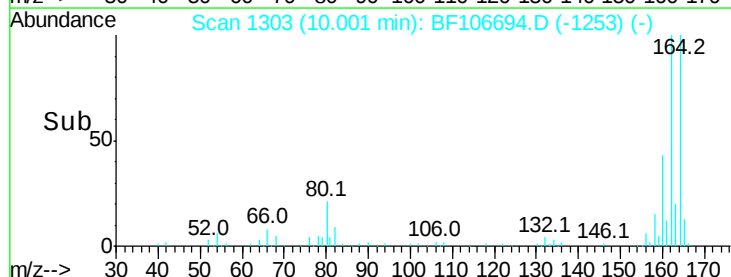
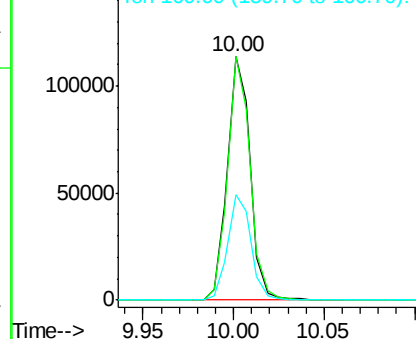


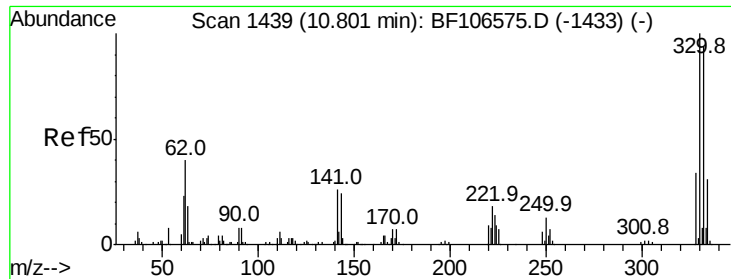
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Tgt Ion: 164 Resp: 99755
 Ion Ratio Lower Upper
 164 100
 162 100.0 86.1 129.1
 160 43.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

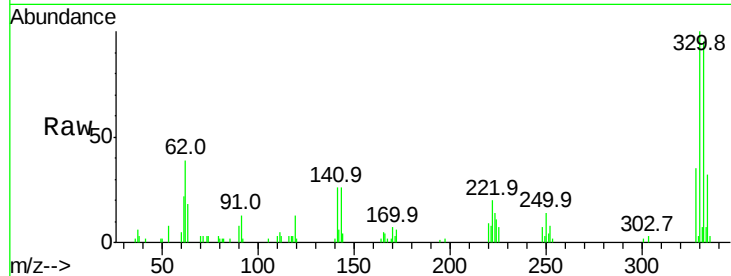




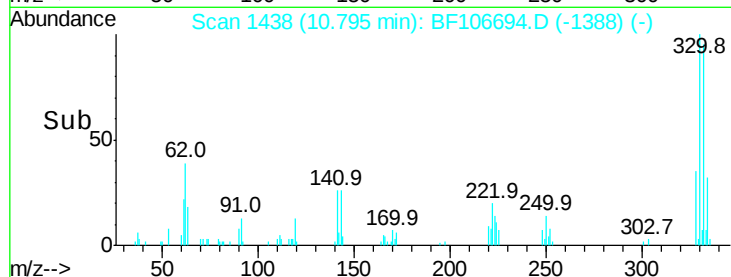
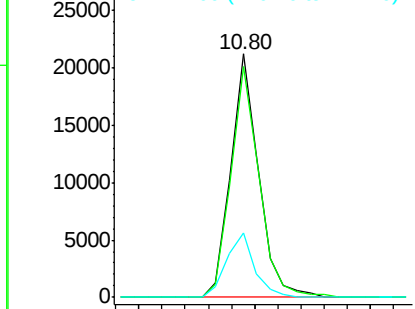
#41
 2,4,6-Tribromophenol
 Concen: 15.408 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Instrument :
 BNA_F
 ClientSampleId :
 N-1366-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.2	29.9	44.9#

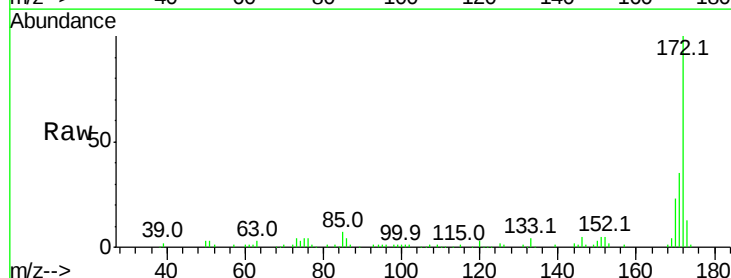


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

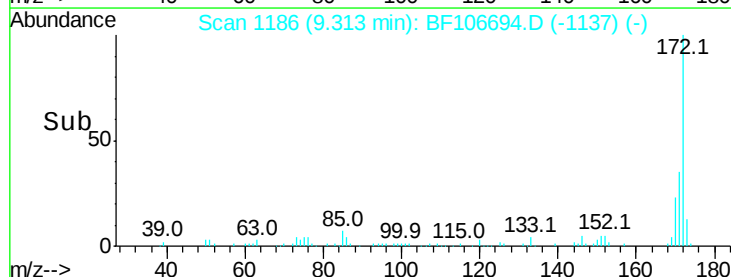
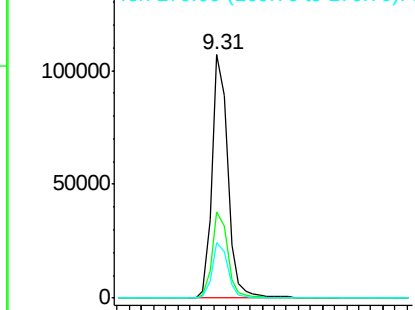


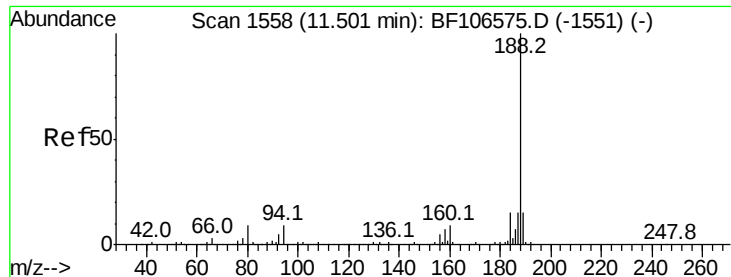
#44
 2-Fluorobiphenyl
 Concen: 2.058 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.7	19.6	29.4



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

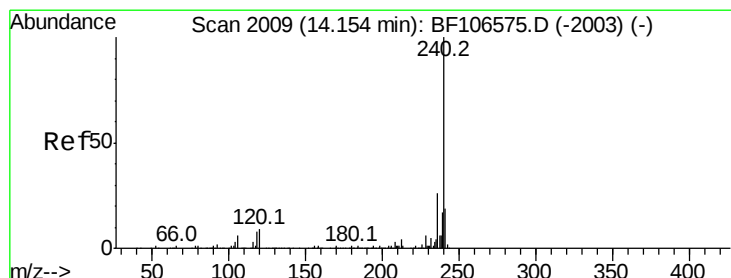
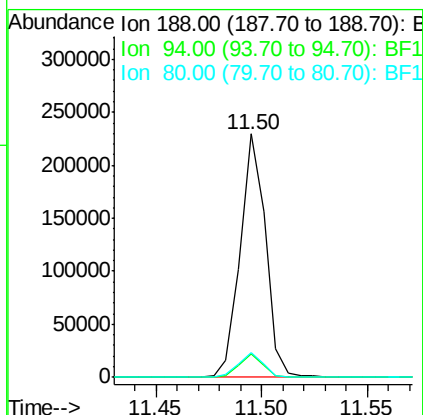
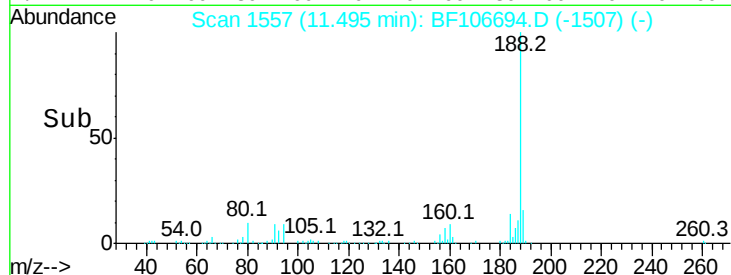
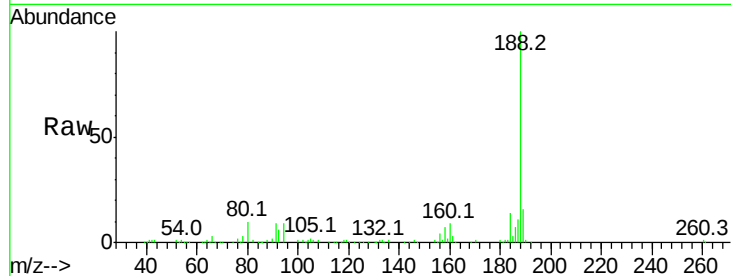




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106694.D
Acq: 22 Jun 2018 8:18

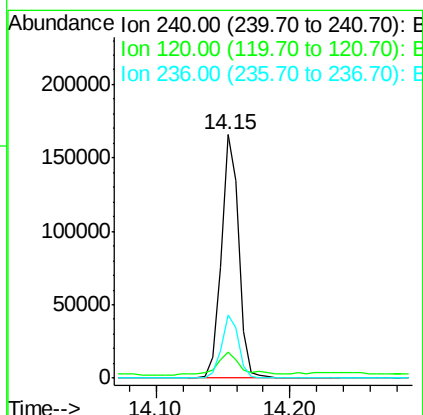
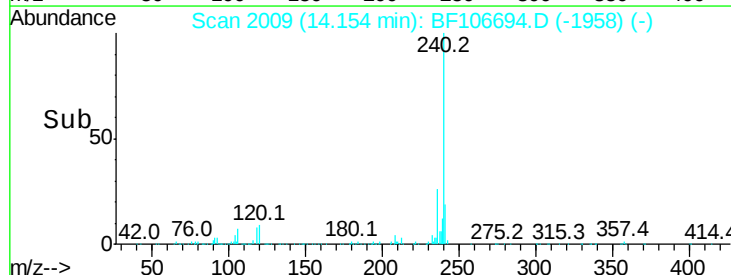
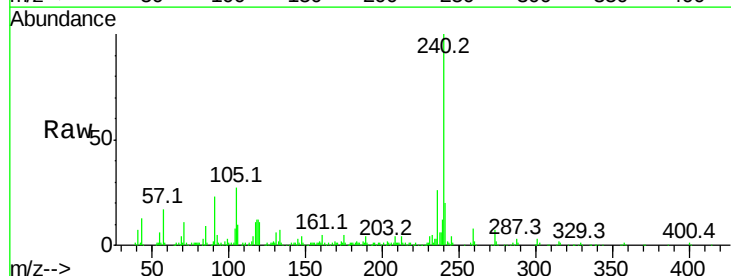
Instrument :
BNA_F
ClientSampleId :
N-1366-WATER

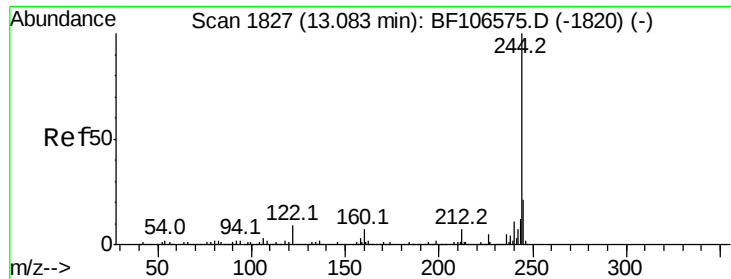
Tot Ion:188 Resp: 190479
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106694.D
Acq: 22 Jun 2018 8:18

Tgt Ion:240 Resp: 152919
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.2 20.7 31.1

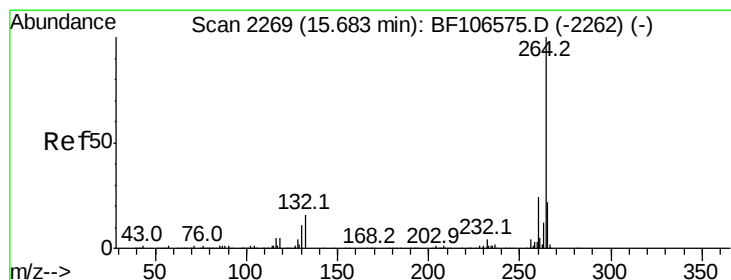
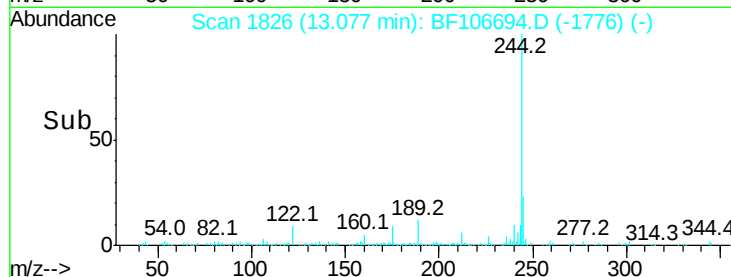
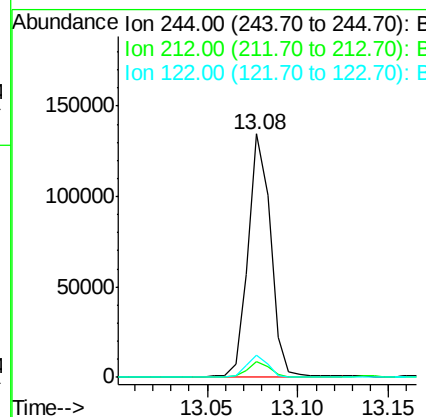
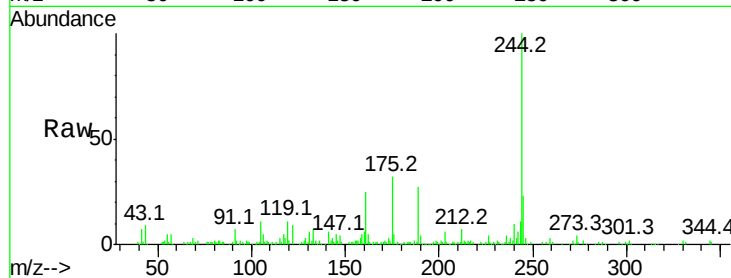




#78
 Terphenyl-d14
 Concen: 18.170 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Instrument :
 BNA_F
 ClientSampleId :
 N-1366-WATER

Tot Ion:244 Resp: 114704
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.02 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Tgt Ion:264 Resp: 127491
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.1 17.5 26.3

