

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

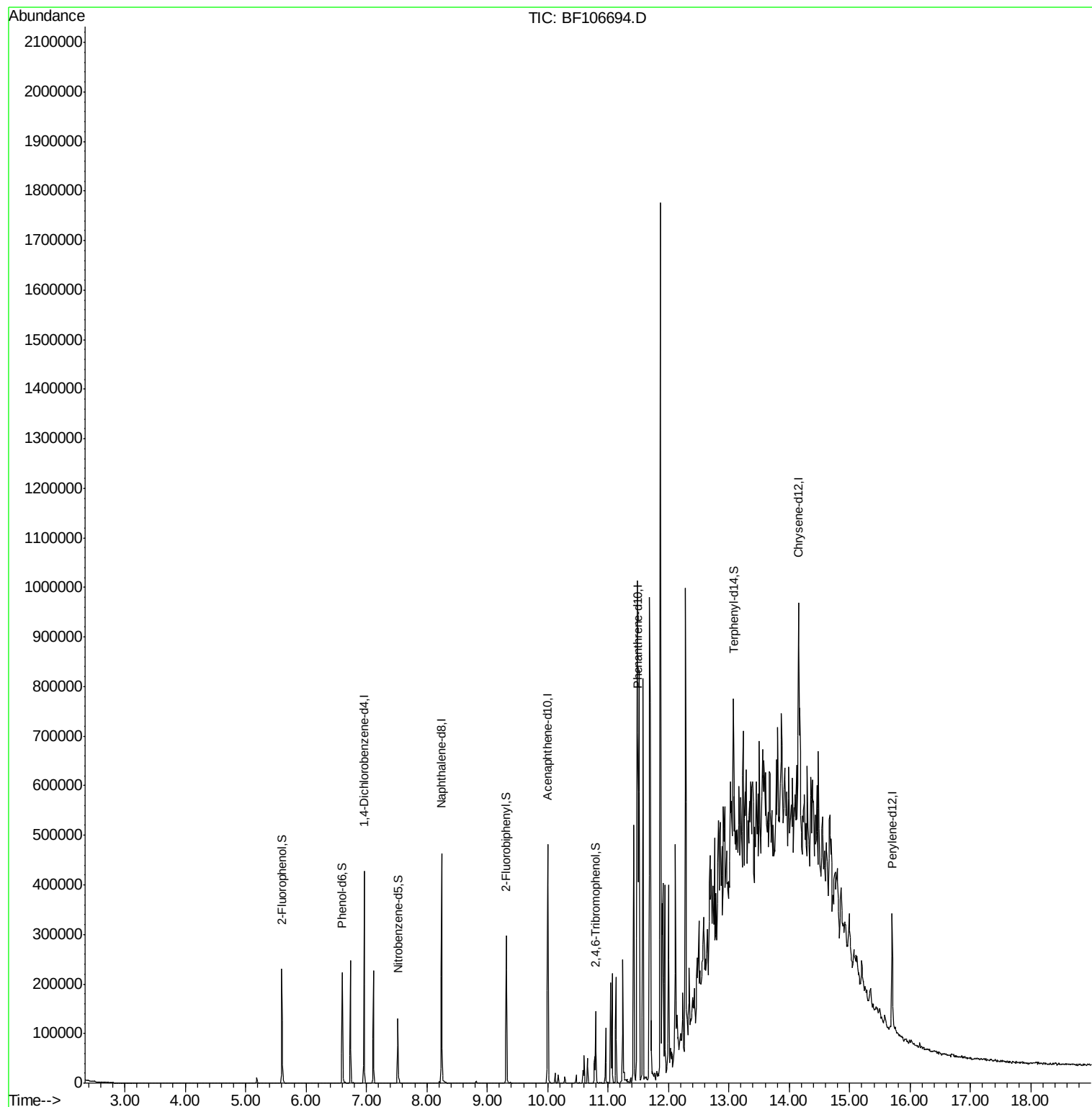
Target Compounds Qvalue

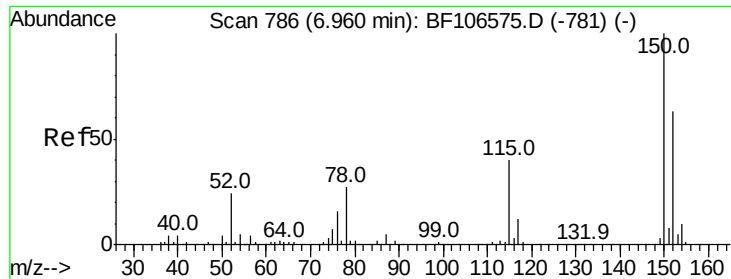
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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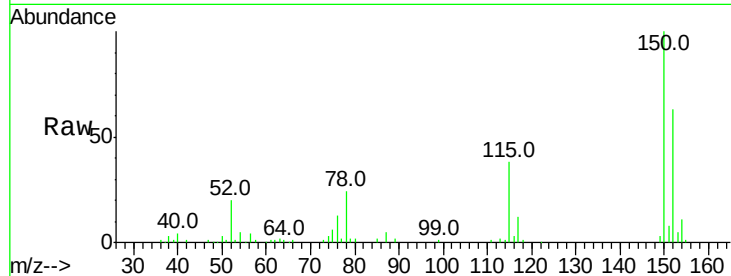


#1

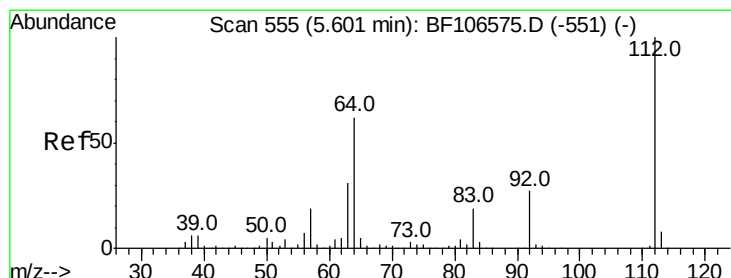
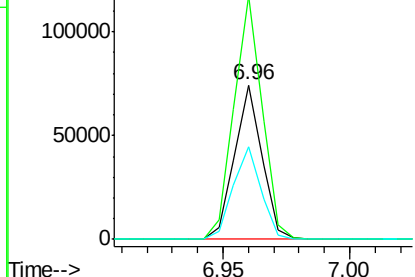
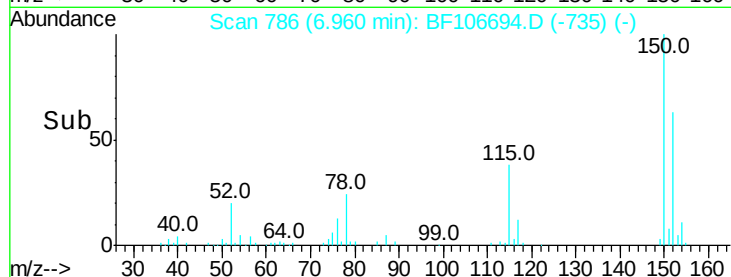
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106694.D
Acq: 22 Jun 2018 8:18

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



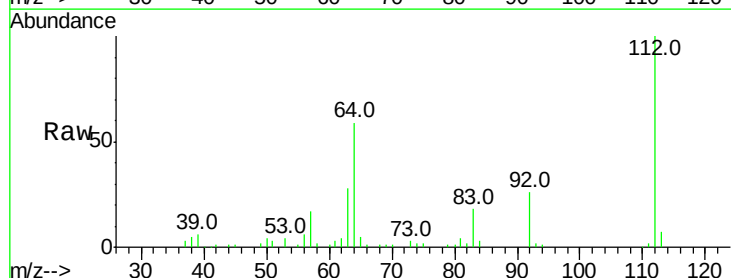
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



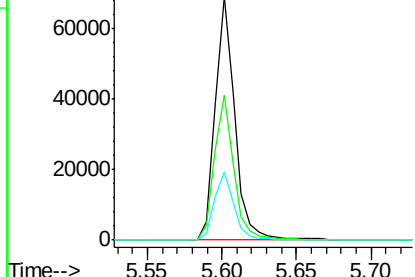
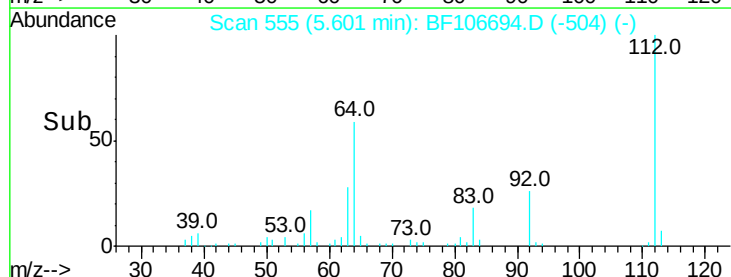
#5

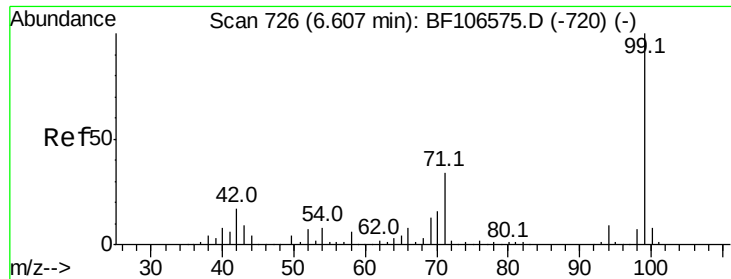
2-Fluorophenol
Concen: 19.134 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106694.D
Acq: 22 Jun 2018 8:18

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

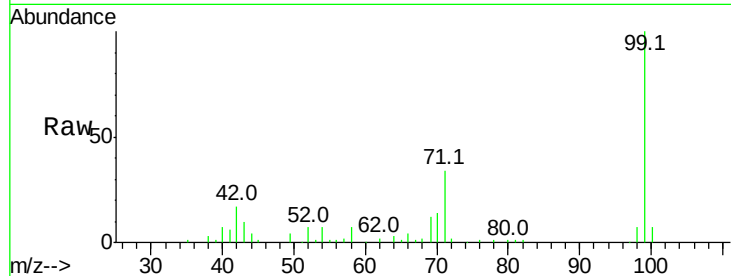
Tot Ion: 99 Resp: 79173

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

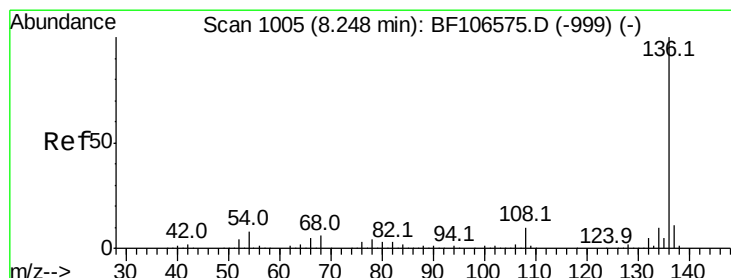
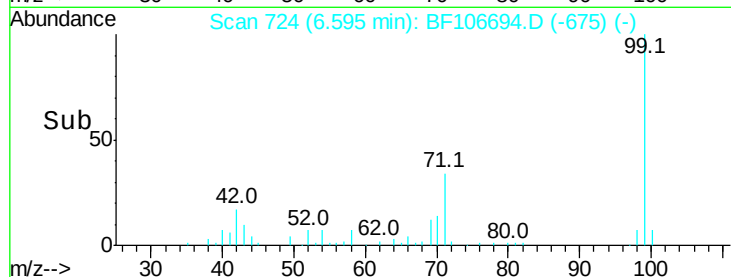
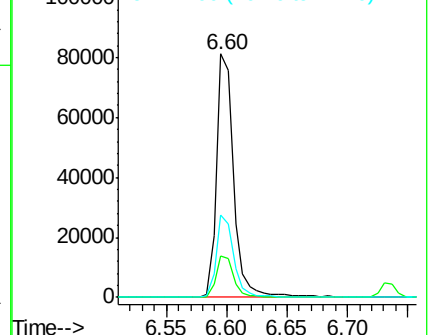
71 33.8 25.4 38.0



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

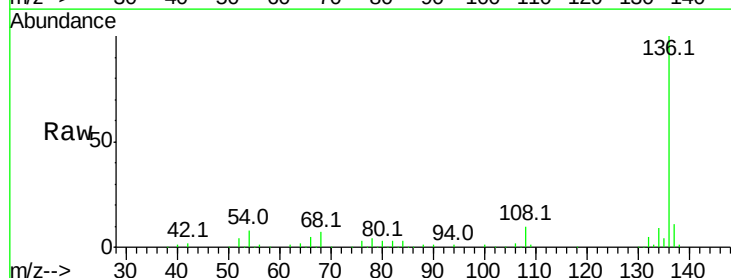
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 6.6 5.0 7.4

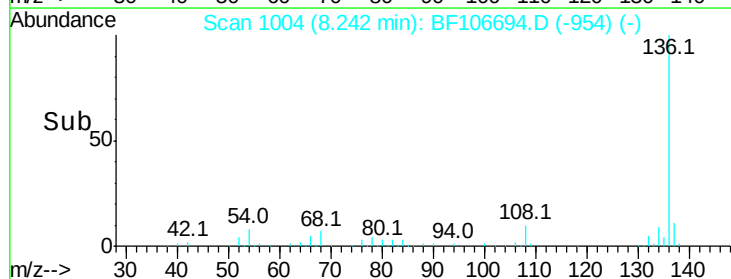
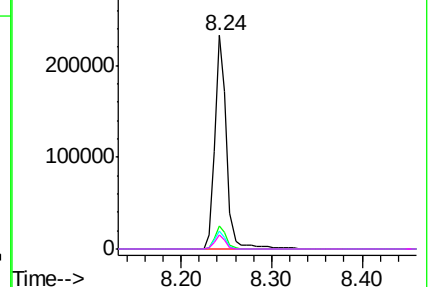


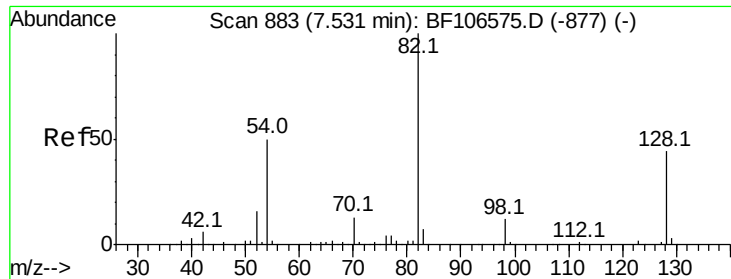
Abundance Ion 136.00 (135.70 to 136.70): E

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

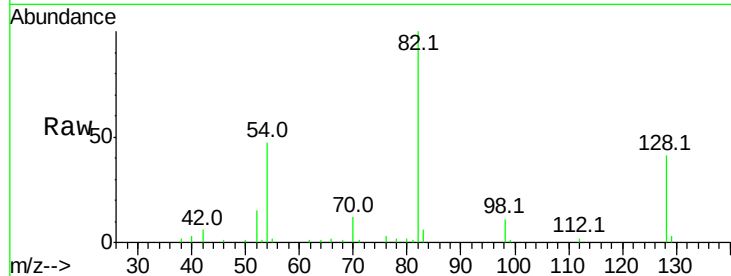




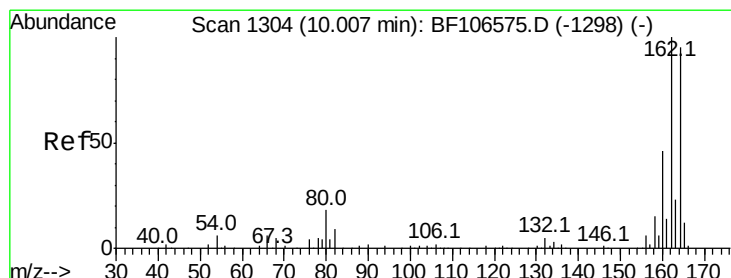
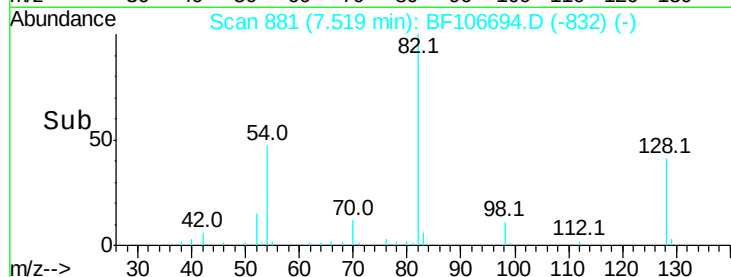
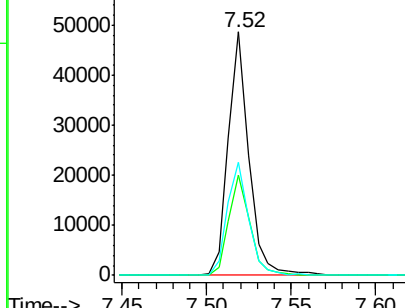
#23
 Nitrobenzene-d5
 Concen: 10.755 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

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

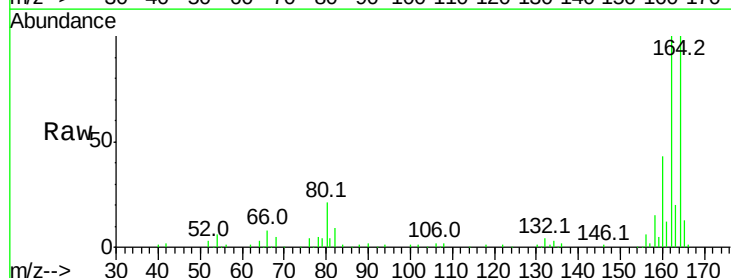


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

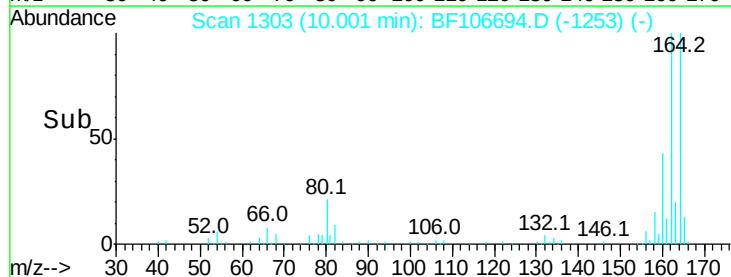
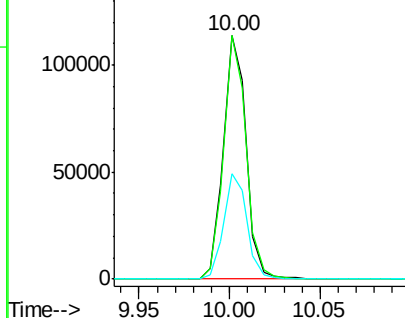


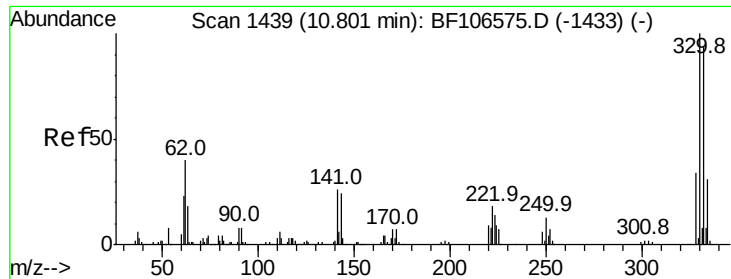
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

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): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

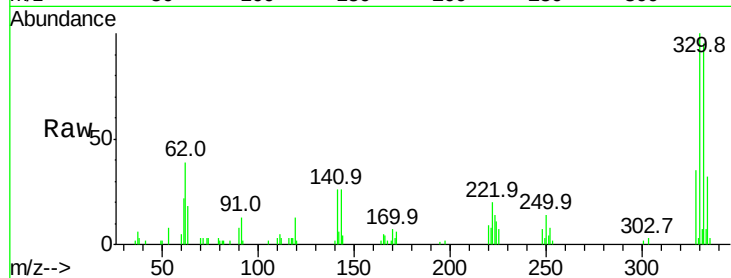




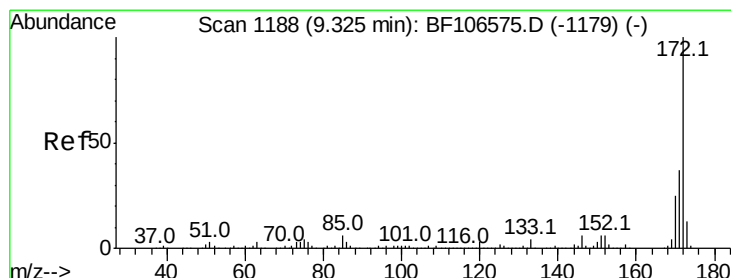
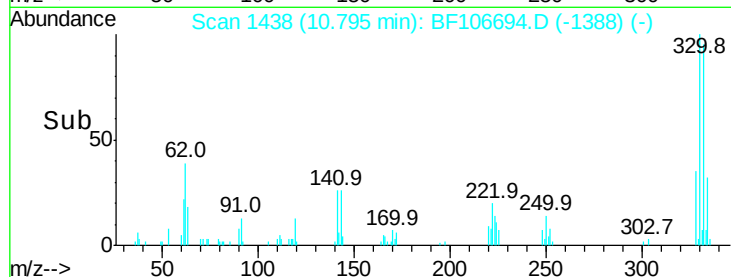
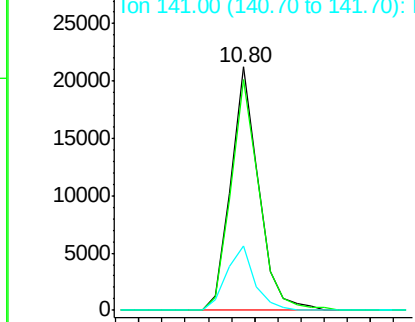
#41
 2,4,6-Tribromophenol
 Concen: 15.408 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Instrument :
 BNA_F
 ClientSampleId :
 N-1366-WATER

Tot Ion:330 Resp: 17815
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 26.2 29.9 44.9#

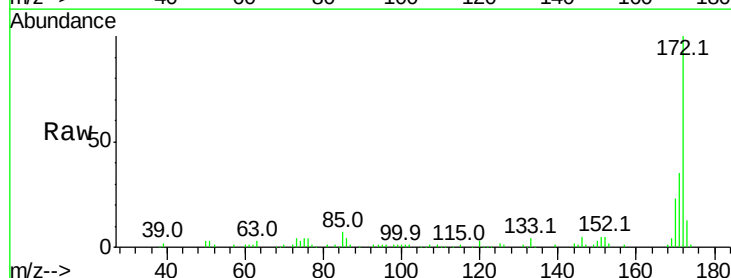


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

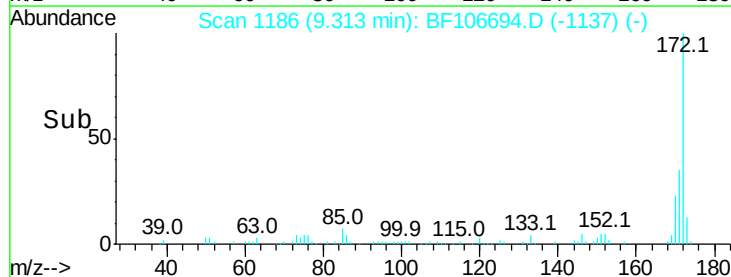
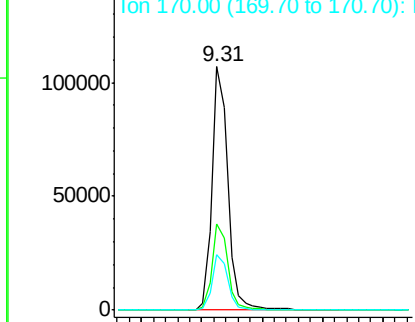


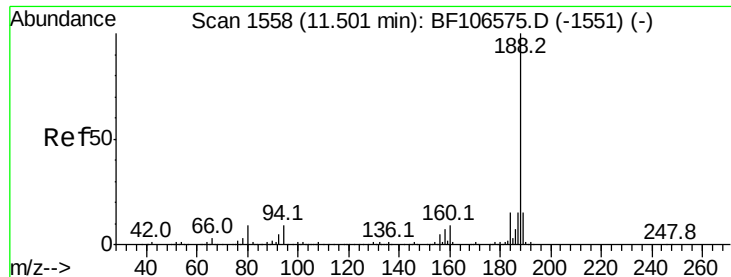
#44
 2-Fluorobiphenyl
 Concen: 2.058 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106694.D
 Acq: 22 Jun 2018 8:18

Tgt Ion:172 Resp: 96960
 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

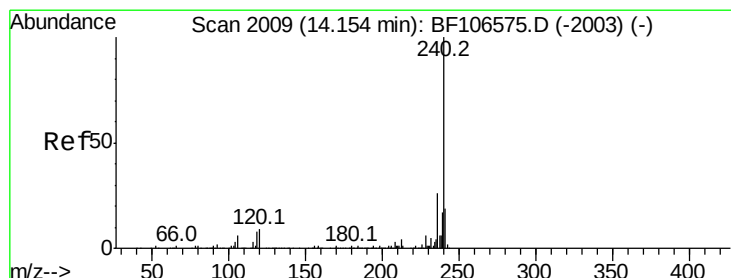
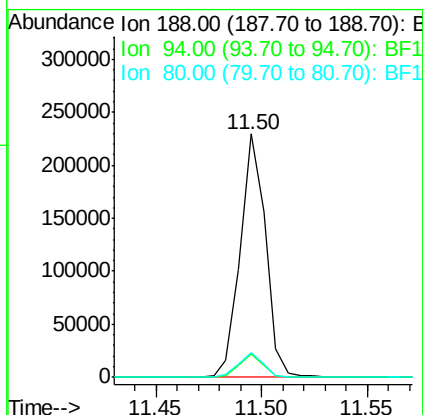
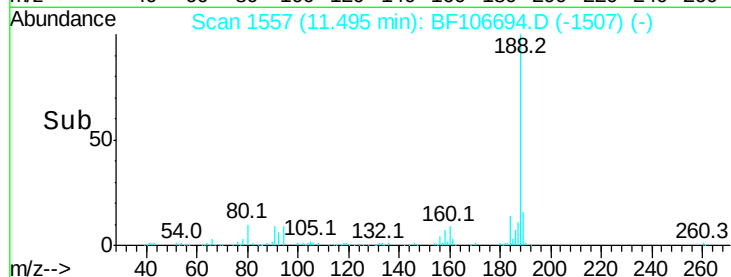
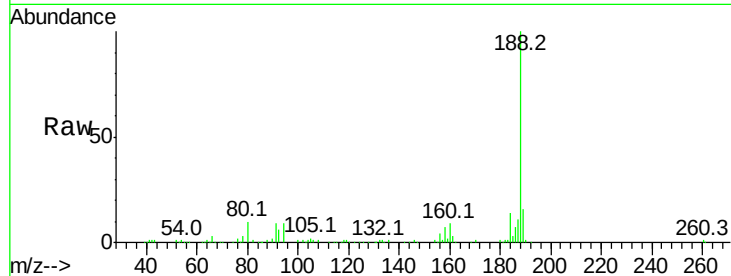




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106694.D
Acq: 22 Jun 2018 8:18

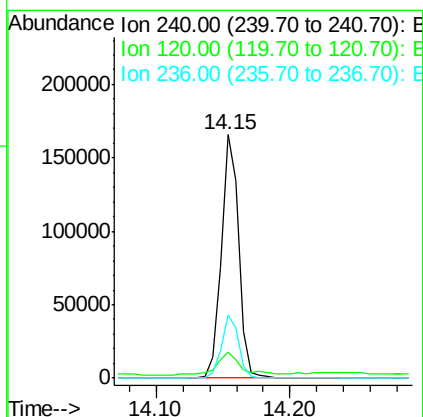
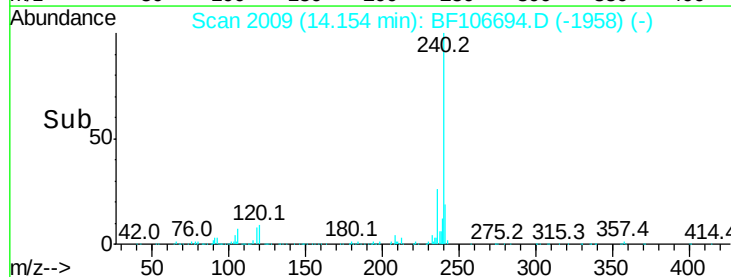
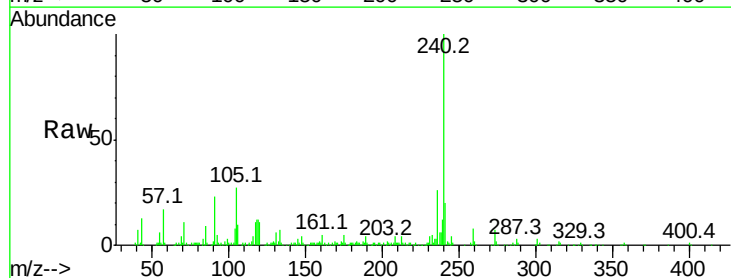
Instrument :
BNA_F
ClientSampleId :
N-1366-WATER

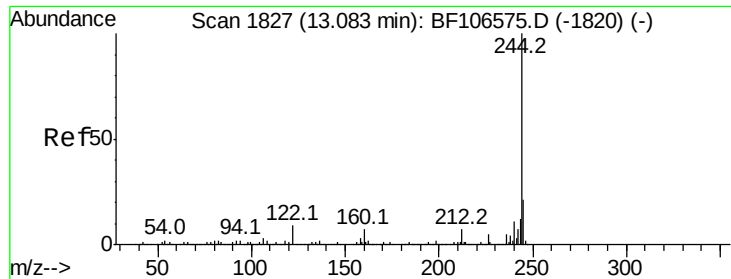
Tot Ion:188 Resp: 190479
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8



#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

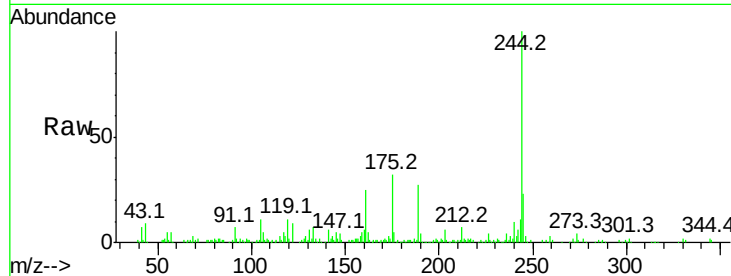
Tot Ion:244 Resp: 114704

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

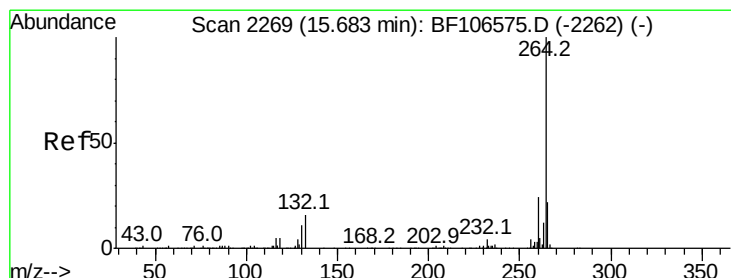
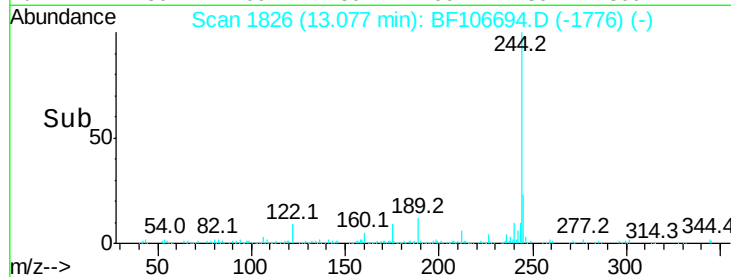
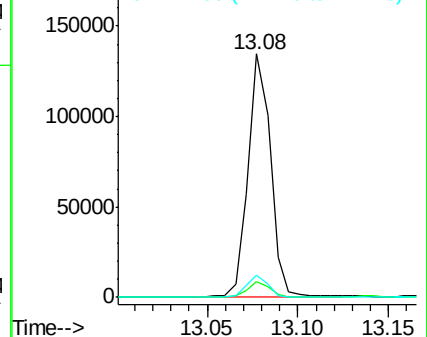
122 9.1 11.0 16.4#



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

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

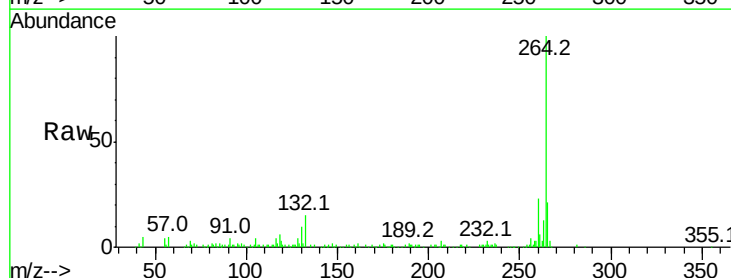
Tgt Ion:264 Resp: 127491

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.1 17.5 26.3



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

