

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103847.D
 Acq On : 22 Mar 2018 13:14
 Operator : JU/SJ
 Sample : J1999-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AM-WWTP-001

Quant Time: Mar 22 17:05:15 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132733	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	544772	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	259153	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	477965	20.00	ng	0.00
75) Chrysene-d12	14.18	240	368620	20.00	ng	0.02
86) Perylene-d12	15.76	264	310153	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	477012	54.66	ng	0.00
7) Phenol-d6	6.58	99	366418	34.32	ng	-0.02
23) Nitrobenzene-d5	7.53	82	983672	125.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	294701	132.26	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1661160	102.25	ng	0.00
78) Terphenyl-d14	13.10	244	1675952	105.53	ng	0.00

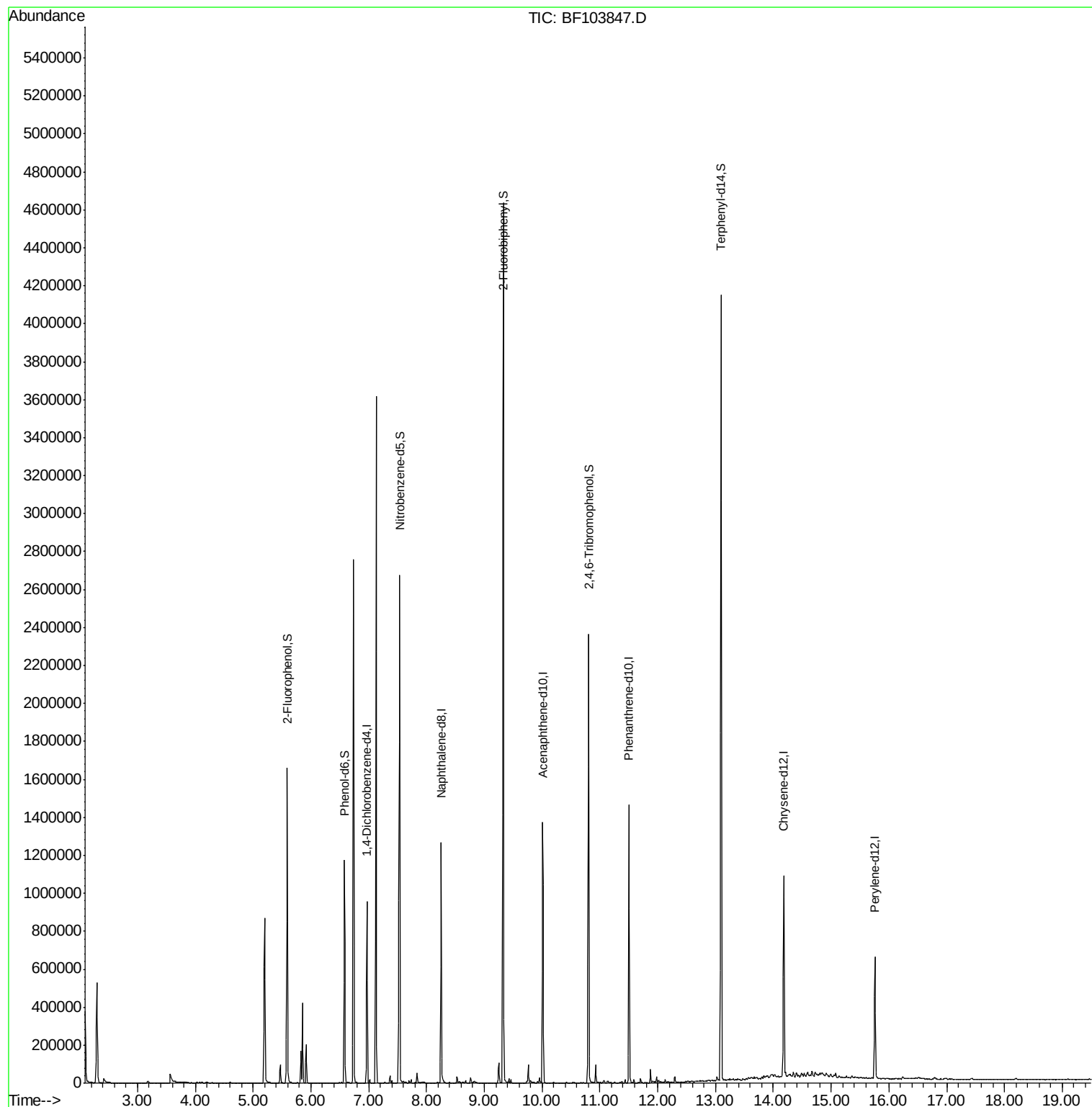
Target Compounds	Qvalue
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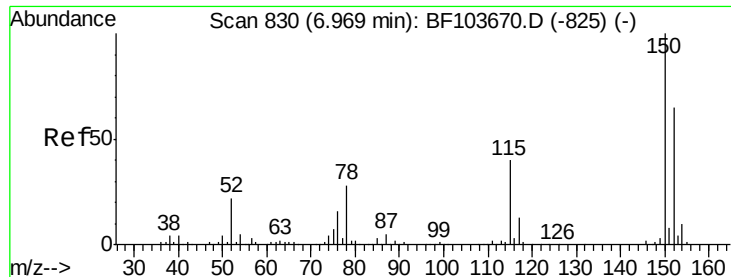
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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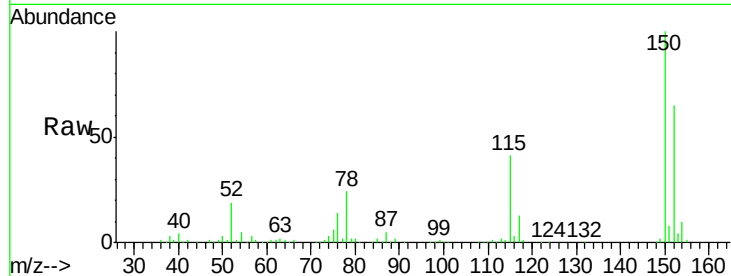


#1

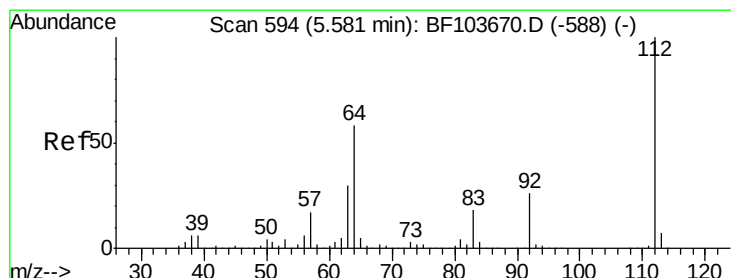
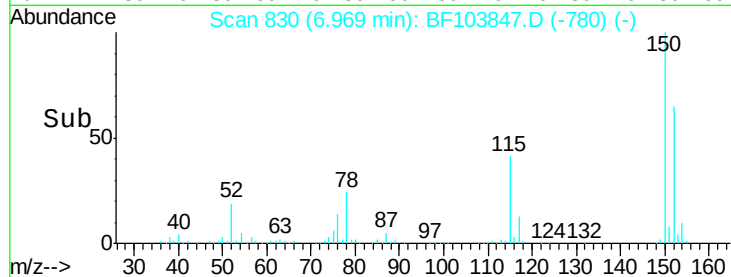
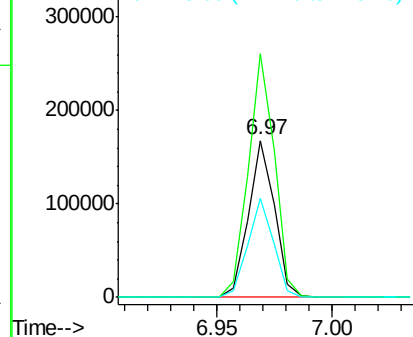
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103847.D
Acq: 22 Mar 2018 13:14

Instrument :
BNA_F
ClientSampleId :
AM-WWTP-001

Tgt Ion:152 Resp: 132733
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 62.9 50.1 75.1



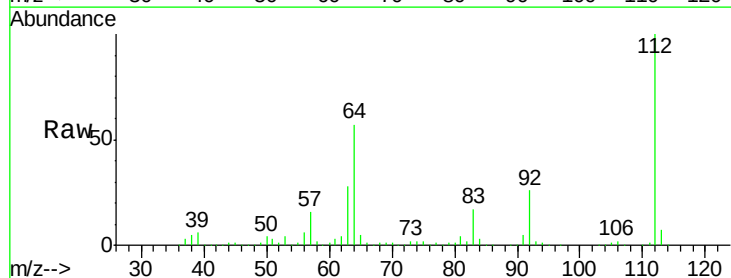
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



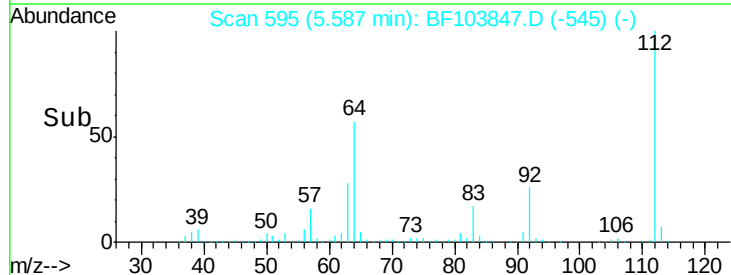
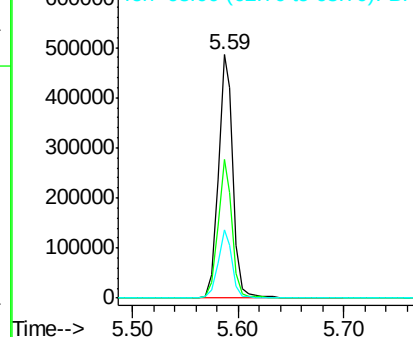
#5

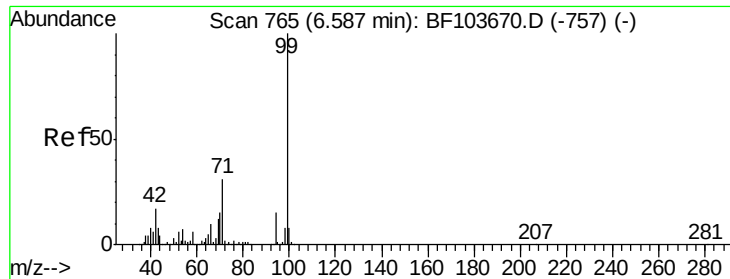
2-Fluorophenol
Concen: 54.661 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF103847.D
Acq: 22 Mar 2018 13:14

Tgt Ion:112 Resp: 477012
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 27.8 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: 34.320 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF103847.D

Acq: 22 Mar 2018 13:14

Instrument :

BNA_F

ClientSampleId :

AM-WWTP-001

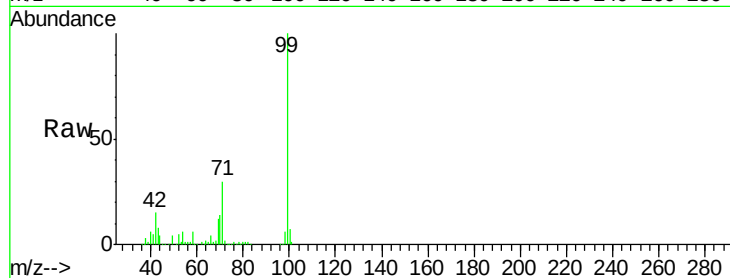
Tgt Ion: 99 Resp: 366418

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

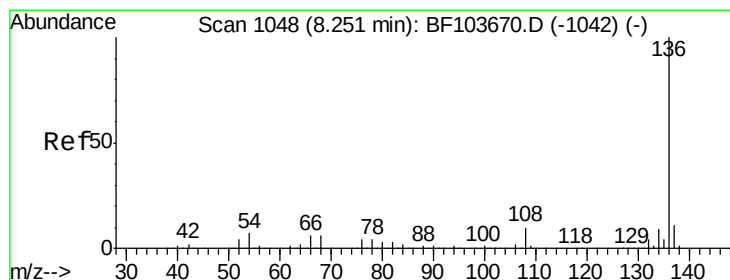
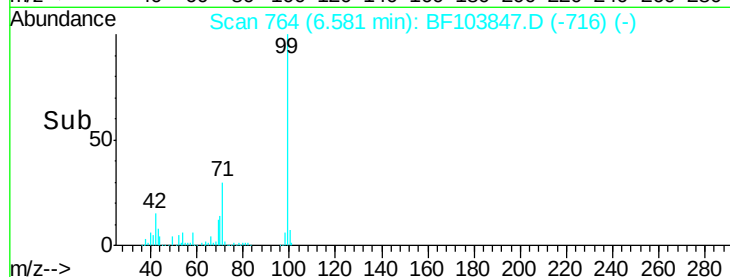
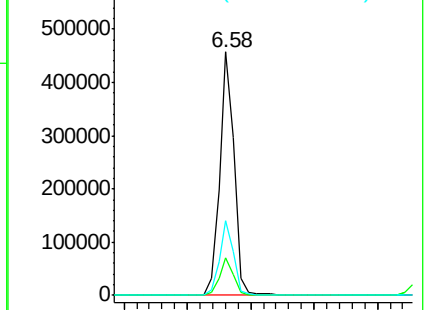
71 30.5 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103847.D

Acq: 22 Mar 2018 13:14

Tgt Ion: 136 Resp: 544772

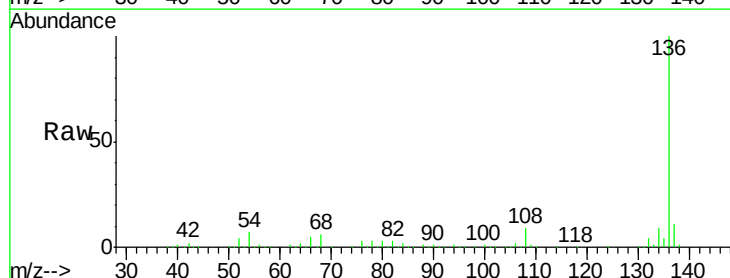
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 6.5 5.0 7.4

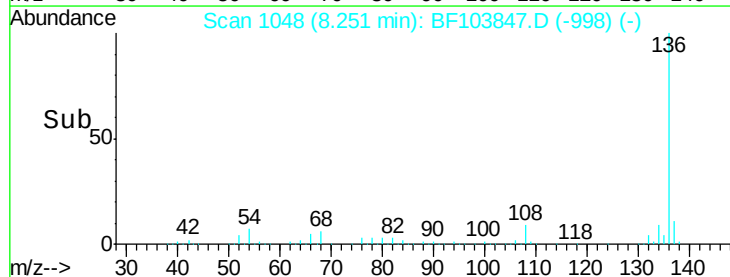
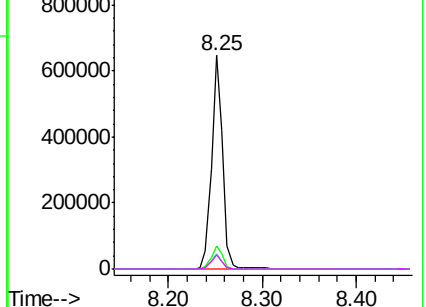


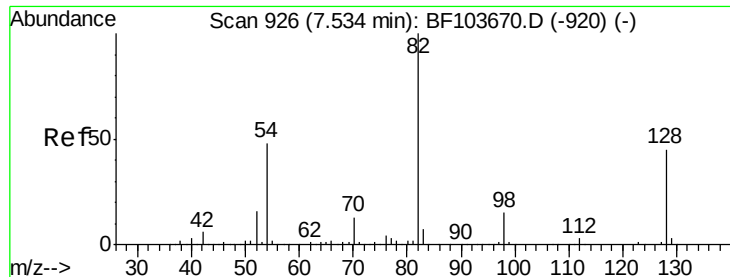
Abundance Ion 136.00 (135.70 to 136.70): E

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

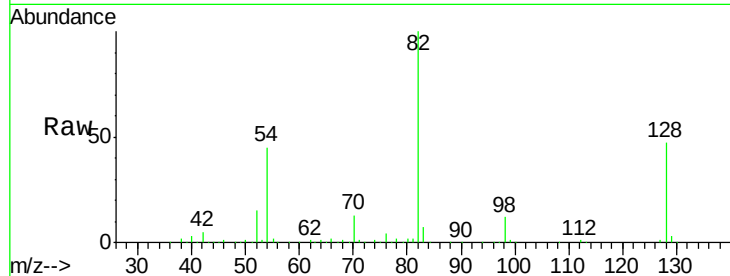




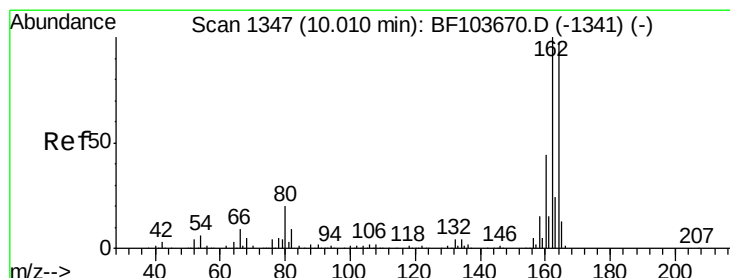
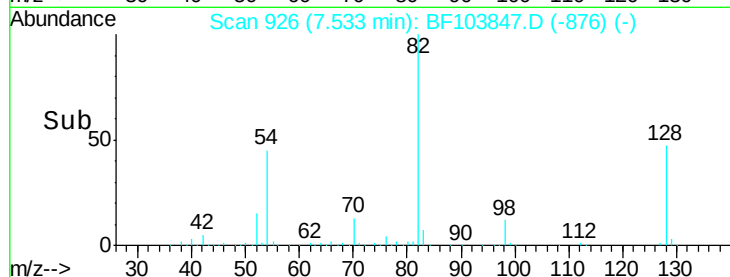
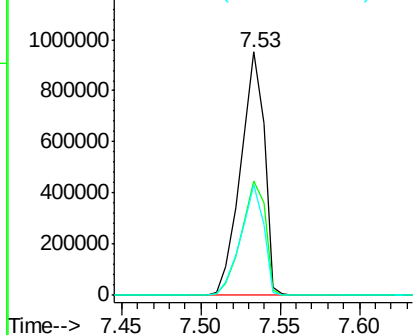
#23
 Nitrobenzene-d5
 Concen: 125.919 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103847.D
 Acq: 22 Mar 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :
 AM-WWTP-001

Tgt Ion: 82 Resp: 983672
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 45.3 41.4 62.2

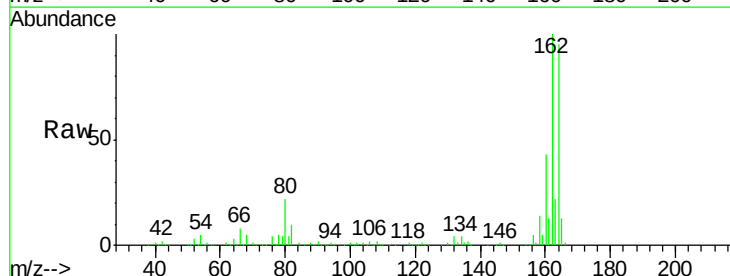


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

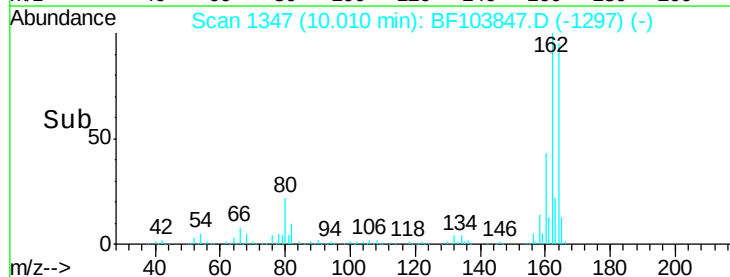
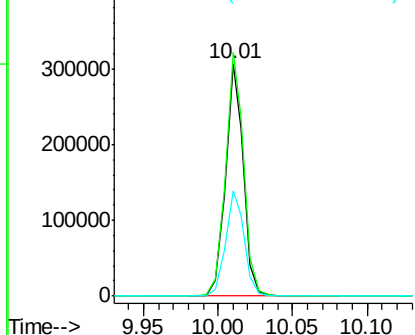


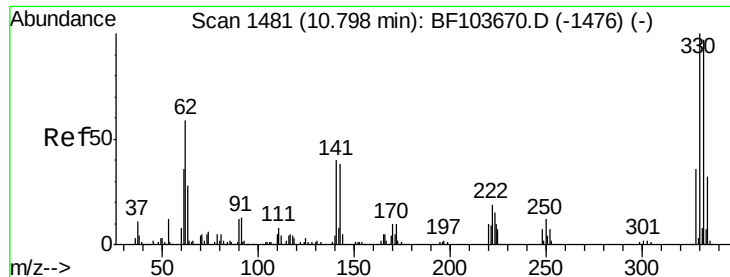
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF103847.D
 Acq: 22 Mar 2018 13:14

Tgt Ion: 164 Resp: 259153
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 45.6 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

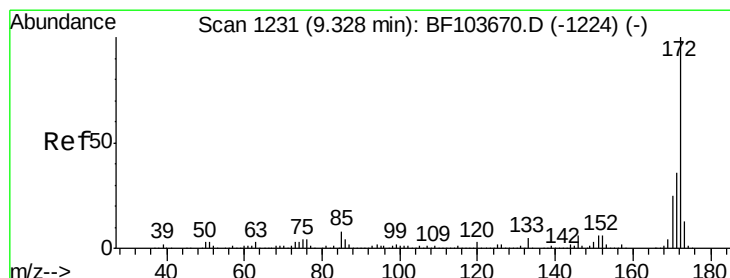
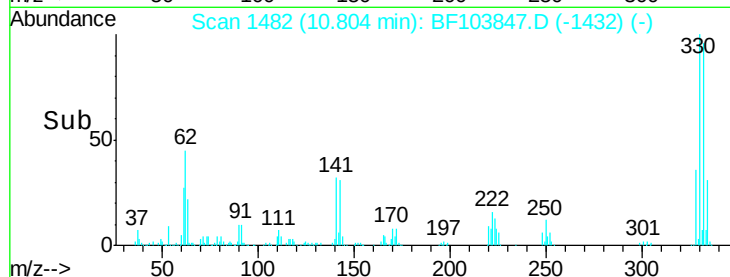
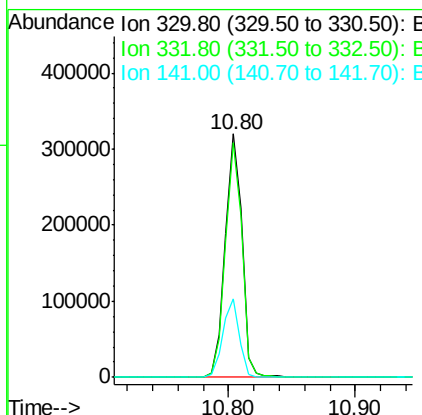
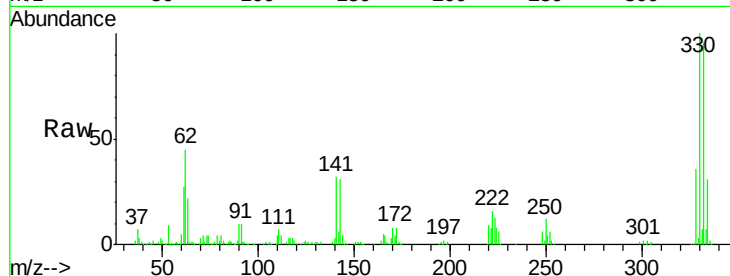




#41
 2,4,6-Tribromophenol
 Concen: 132.259 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103847.D
 Acq: 22 Mar 2018 13:14

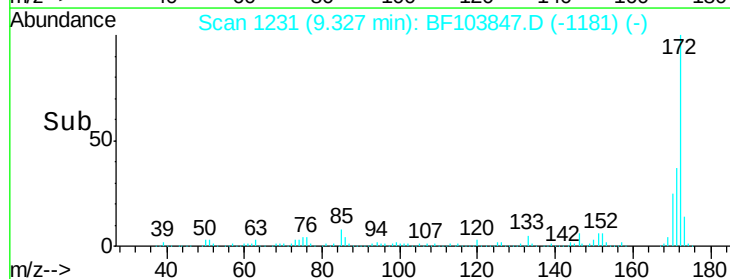
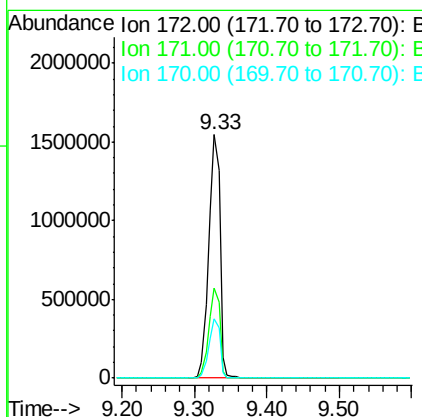
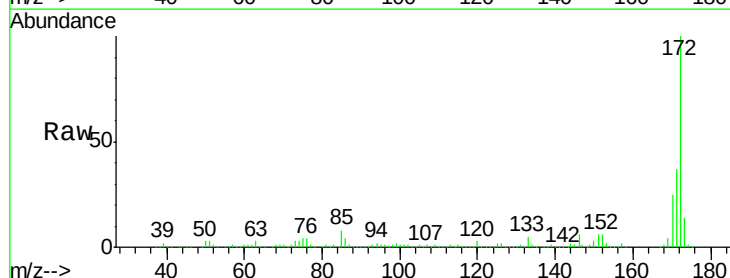
Instrument :
 BNA_F
 ClientSampleId :
 AM-WWTP-001

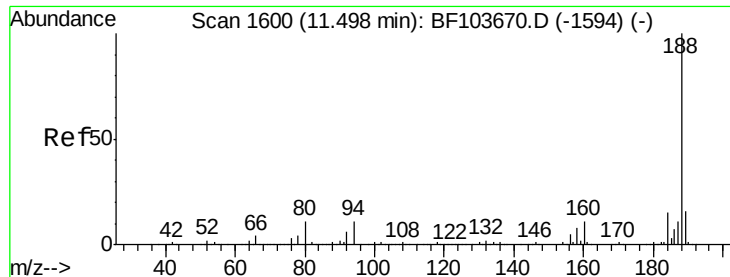
Tgt Ion:330 Resp: 294701
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 102.248 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103847.D
 Acq: 22 Mar 2018 13:14

Tgt Ion:172 Resp: 1661160
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.5 19.6 29.4

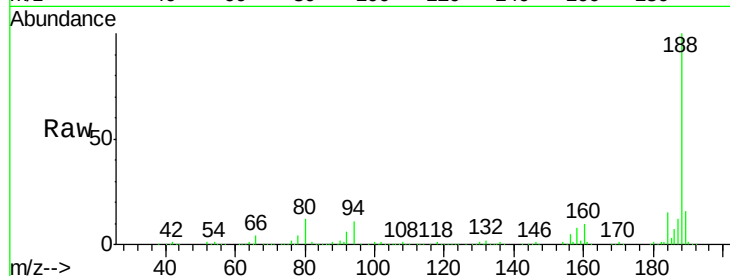




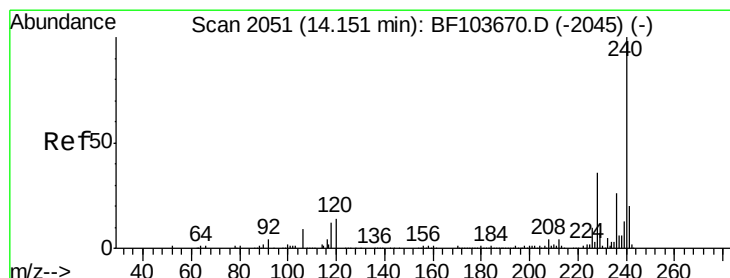
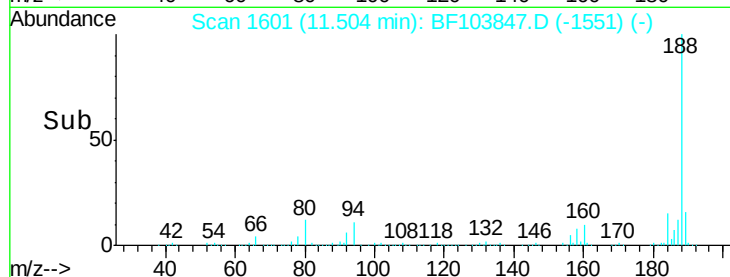
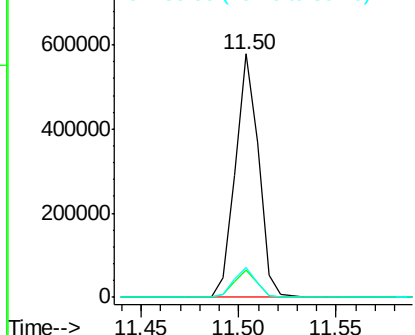
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103847.D
Acq: 22 Mar 2018 13:14

Instrument :
BNA_F
ClientSampleId :
AM-WWTP-001

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.1	9.2	13.8

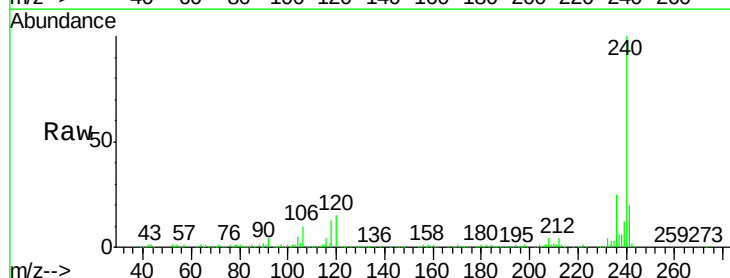


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

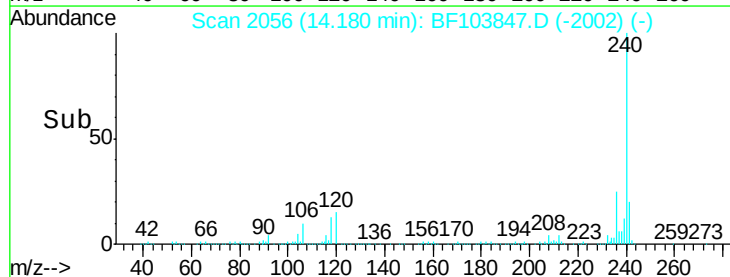
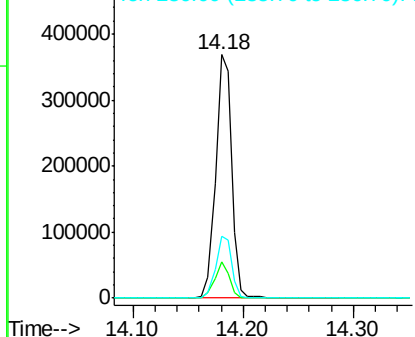


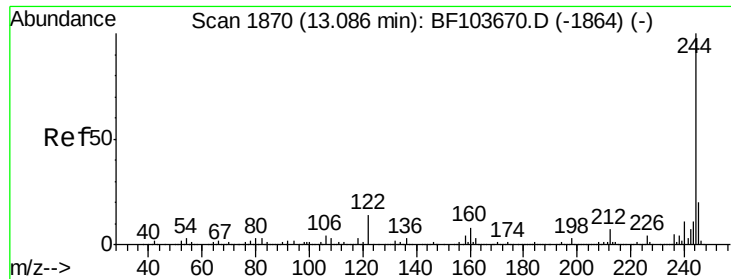
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.02 min
Lab File: BF103847.D
Acq: 22 Mar 2018 13:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	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

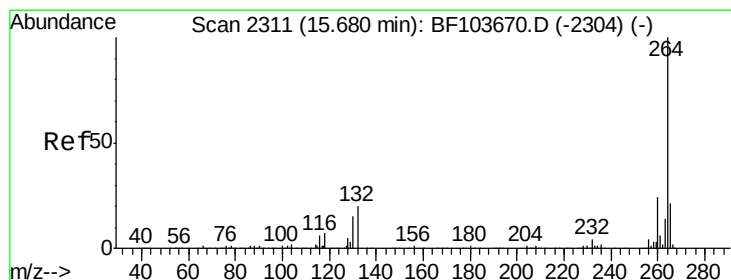
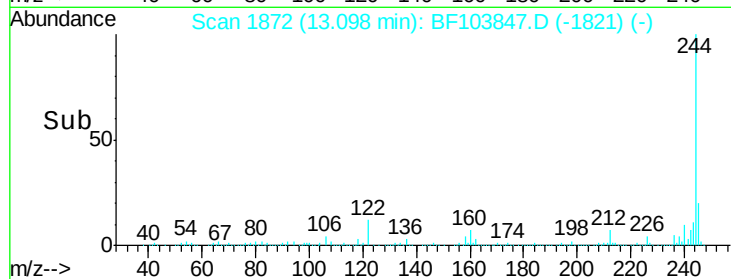
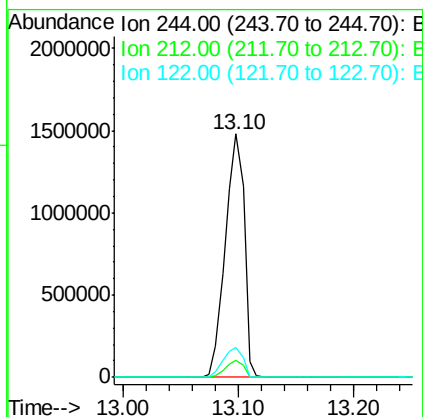
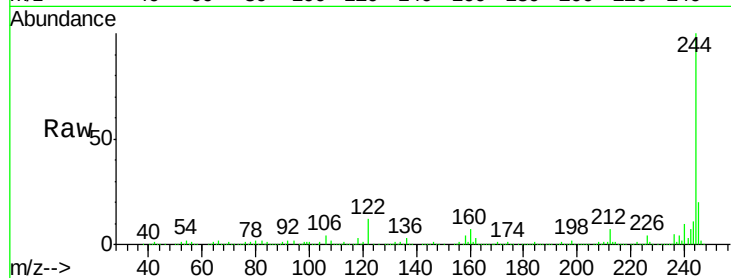




#78
 Terphenyl-d14
 Concen: 105.532 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103847.D
 Acq: 22 Mar 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :
 AM-WWTP-001

Tgt Ion:244 Resp: 1675952
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.76 min Scan# 2324
 Delta R.T. 0.06 min
 Lab File: BF103847.D
 Acq: 22 Mar 2018 13:14

Tgt Ion:264 Resp: 310153
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 17.5 26.3

