

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103917.D
 Acq On : 26 Mar 2018 11:20
 Operator : JU/SJ
 Sample : J1994-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-10-031918

Quant Time: Mar 27 07:38:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139431	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	574310	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	273496	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	498871	20.00	ng	0.00
75) Chrysene-d12	14.19	240	400083	20.00	ng	0.02
86) Perylene-d12	15.76	264	302417	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	546094	59.57	ng	0.00
7) Phenol-d6	6.59	99	408268	36.40	ng	0.00
23) Nitrobenzene-d5	7.54	82	891493	108.25	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	386102	164.19	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1531700	89.34	ng	0.00
78) Terphenyl-d14	13.10	244	1587762	92.12	ng	0.00

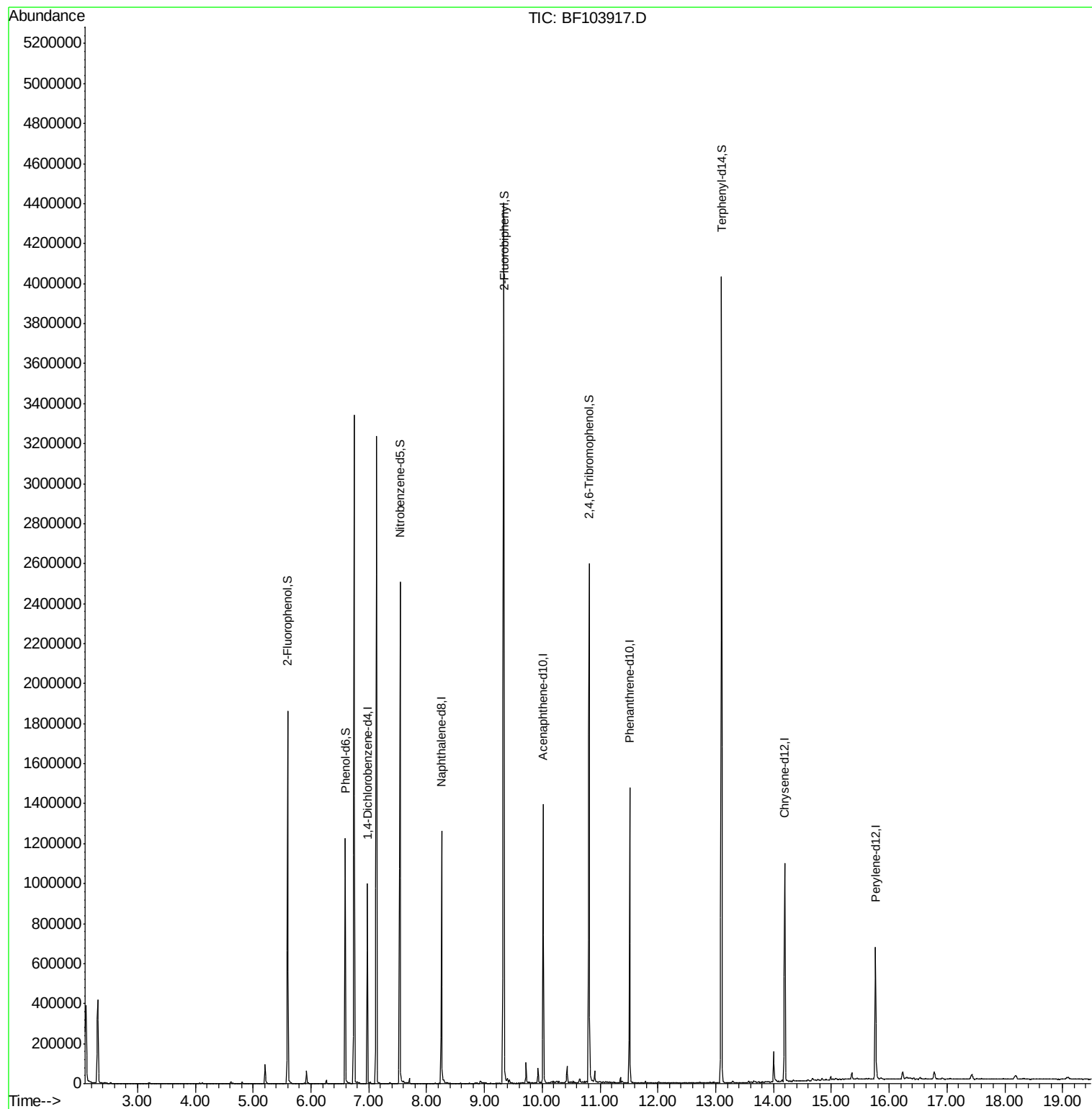
Target Compounds Qvalue

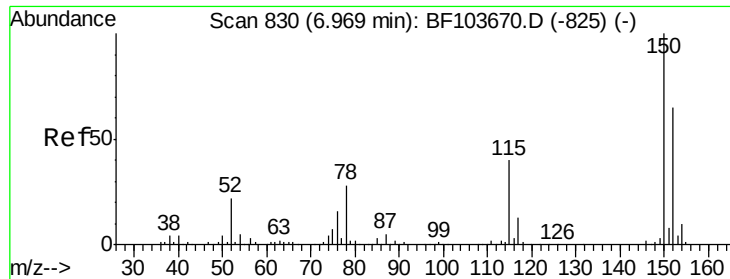
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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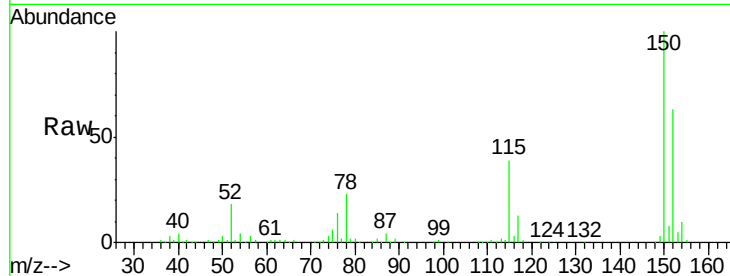


#1

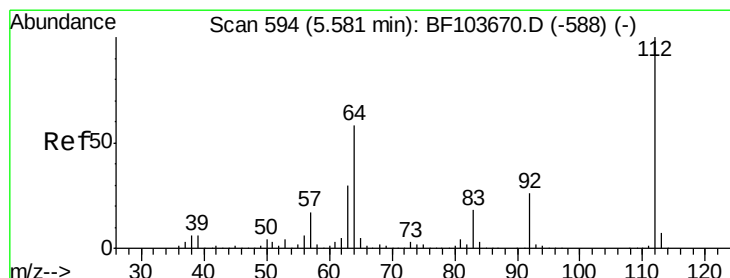
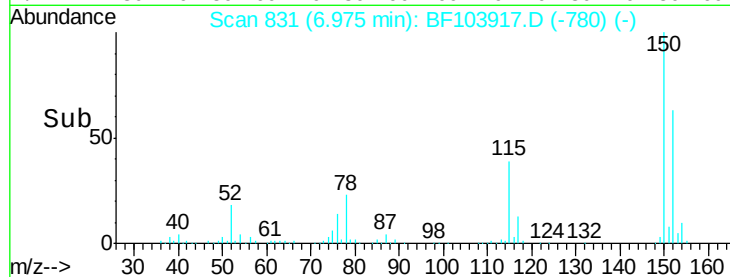
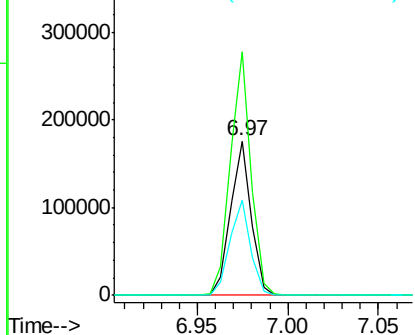
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF103917.D
 Acq: 26 Mar 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-10-031918

Tot Ion:152 Resp: 139431
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 61.5 50.1 75.1



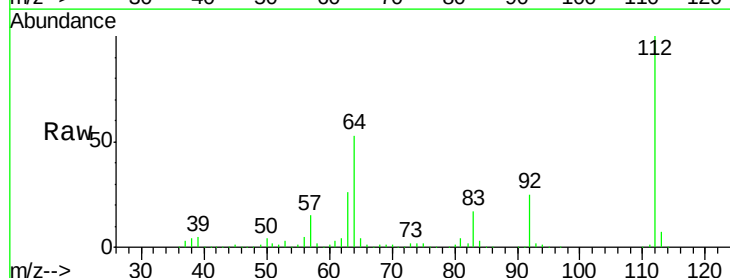
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



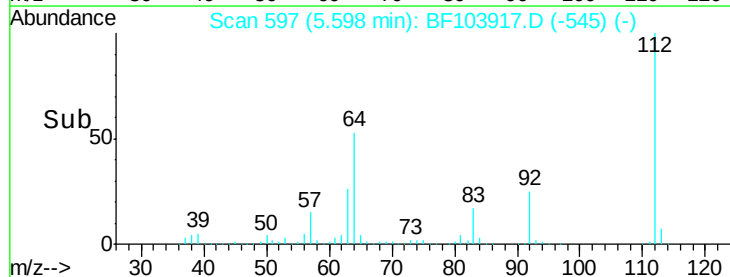
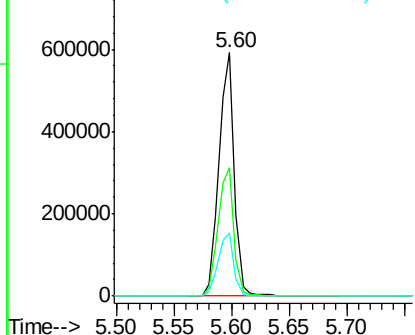
#5

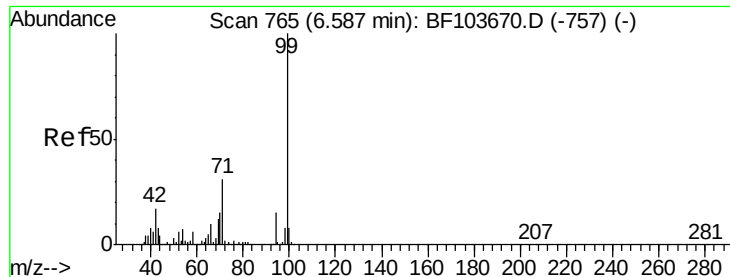
2-Fluorophenol
 Concen: 59.571 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF103917.D
 Acq: 26 Mar 2018 11:20

Tgt Ion:112 Resp: 546094
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 26.0 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: 36.403 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103917.D

Acq: 26 Mar 2018 11:20

Instrument :

BNA_F

ClientSampleId :

C-MW-10-031918

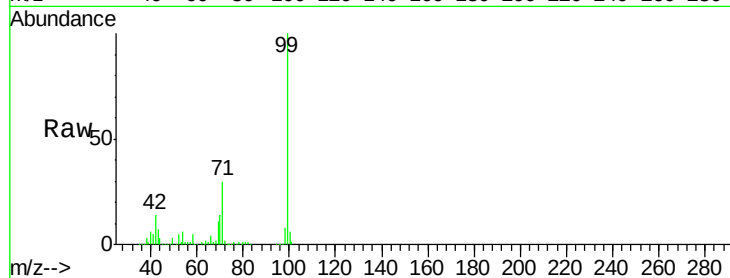
Tot Ion: 99 Resp: 408268

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

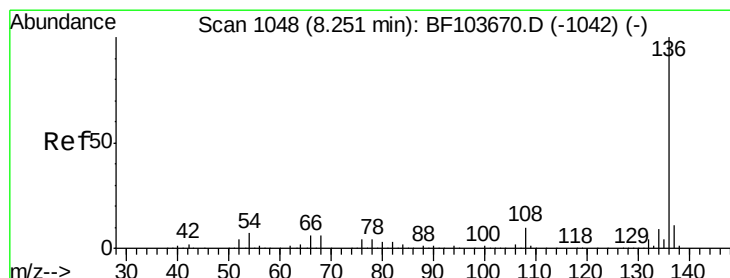
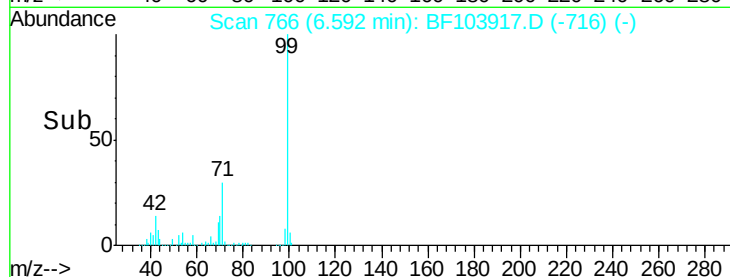
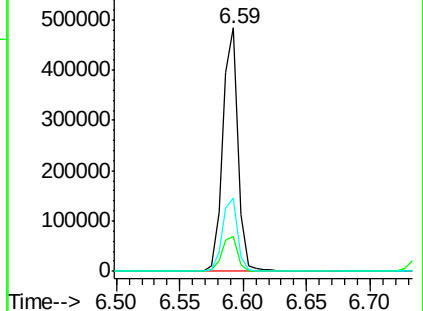
71 30.3 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103917.D

Acq: 26 Mar 2018 11:20

Tgt Ion: 136 Resp: 574310

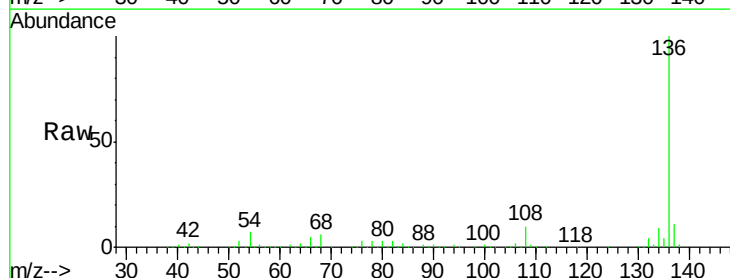
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.7 5.0 7.4

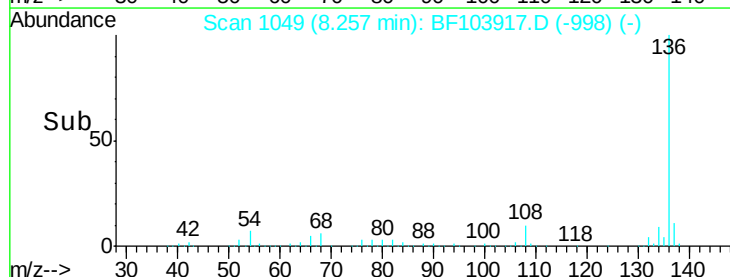
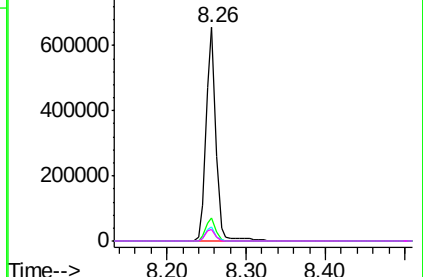


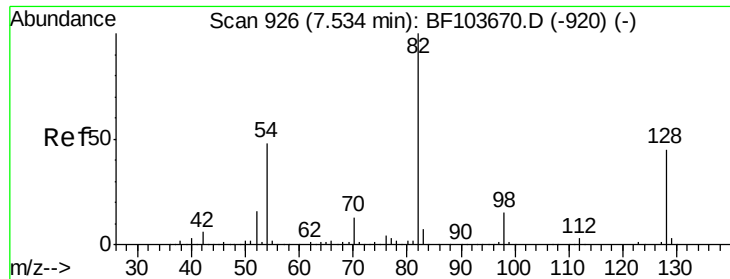
Abundance Ion 136.00 (135.70 to 136.70): E

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

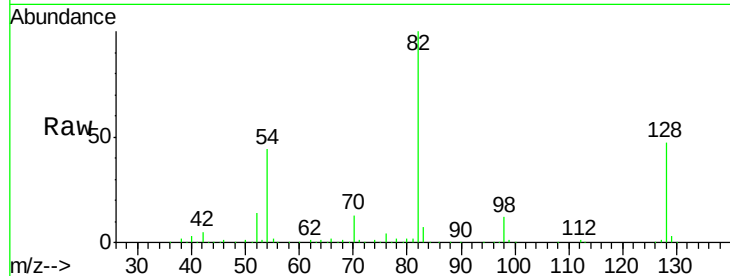




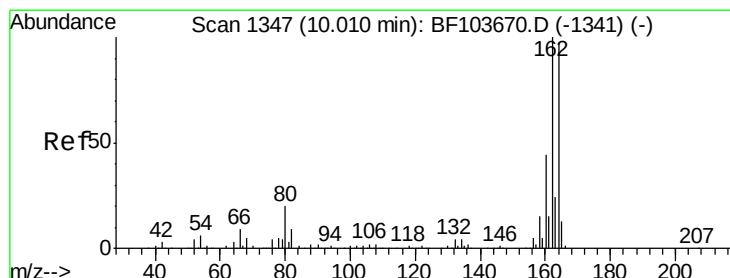
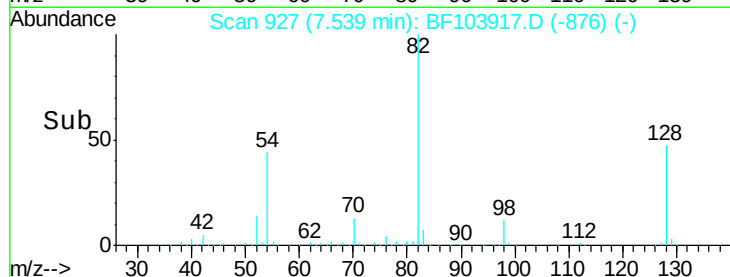
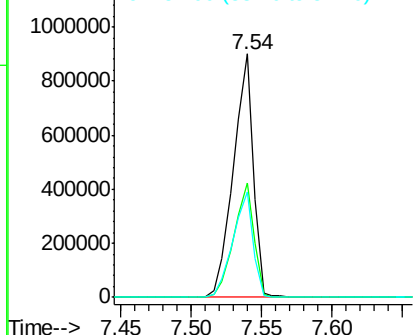
#23
 Nitrobenzene-d5
 Concen: 108.250 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103917.D
 Acq: 26 Mar 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-10-031918

Tot Ion: 82 Resp: 891493
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 43.5 41.4 62.2

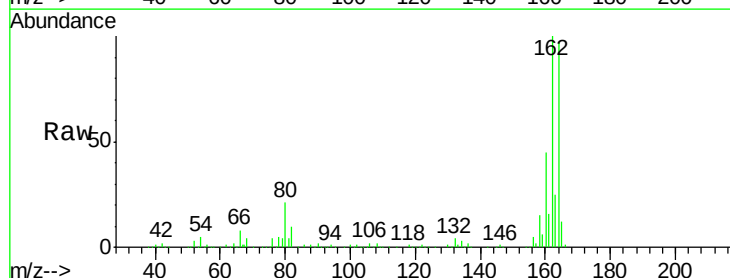


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

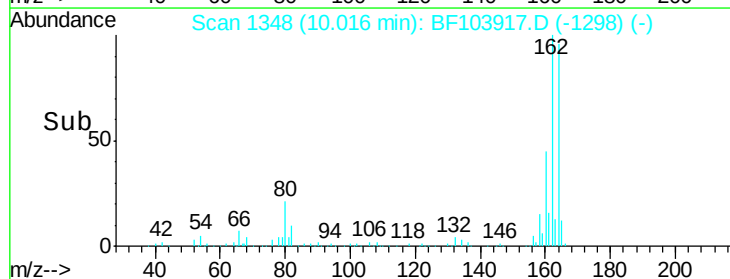
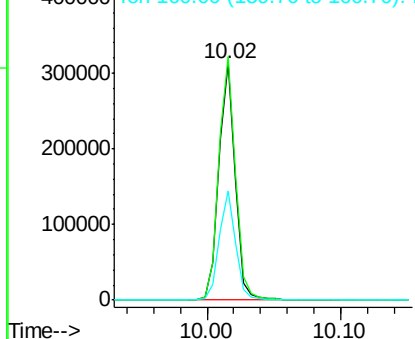


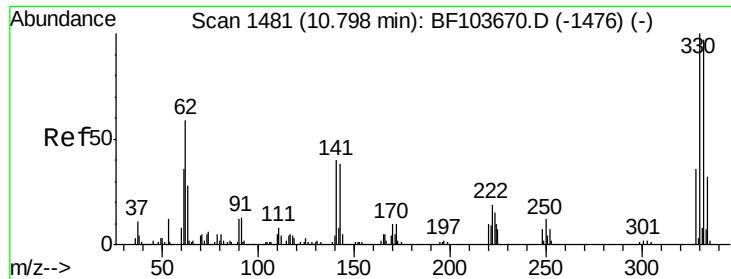
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103917.D
 Acq: 26 Mar 2018 11:20

Tgt Ion:164 Resp: 273496
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 46.0 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

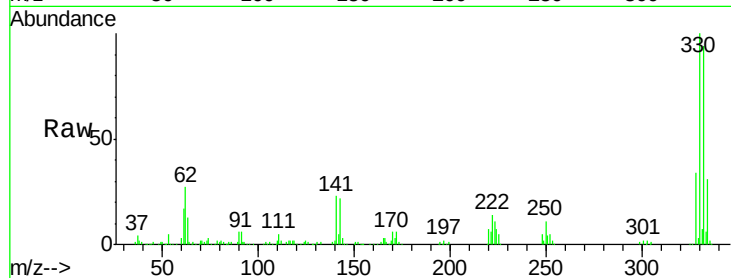




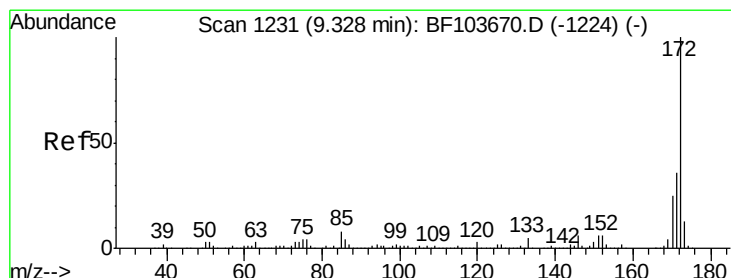
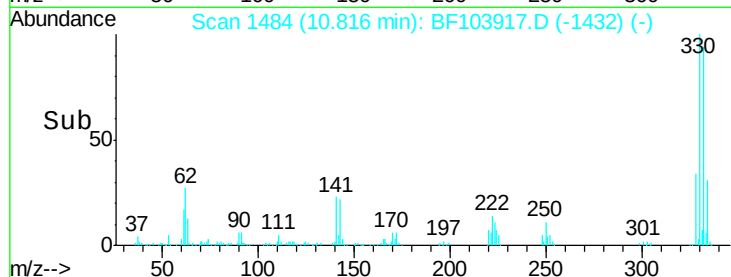
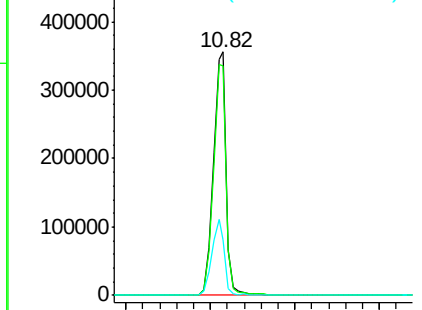
#41
 2,4,6-Tribromophenol
 Concen: 164.191 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103917.D
 Acq: 26 Mar 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-10-031918

Tot Ion:330 Resp: 386102
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 30.7 29.9 44.9

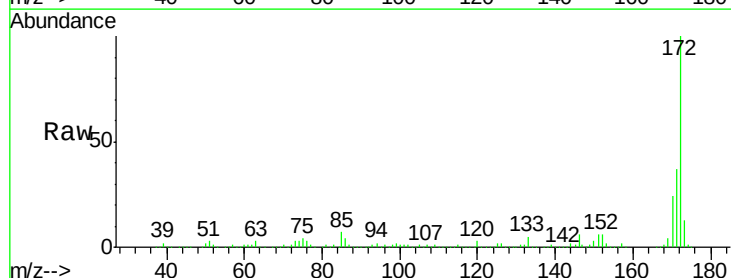


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

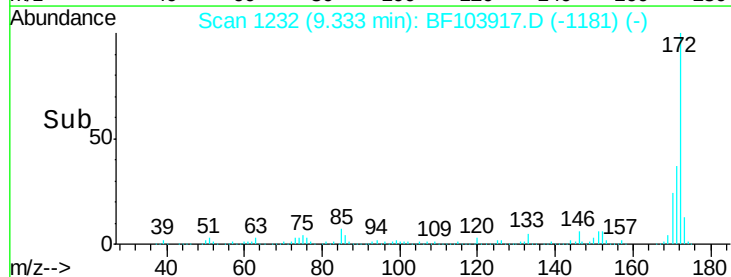
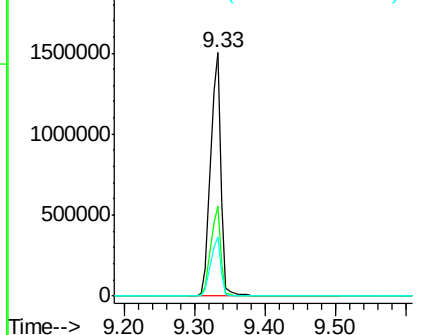


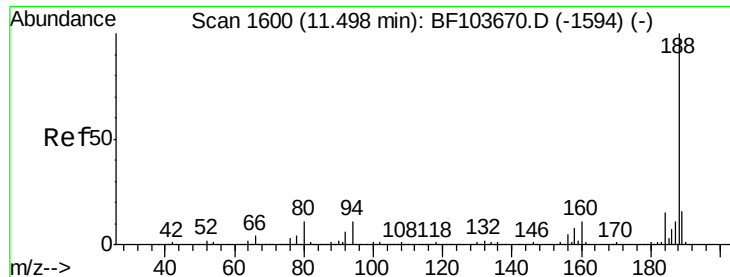
#44
 2-Fluorobiphenyl
 Concen: 89.336 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103917.D
 Acq: 26 Mar 2018 11:20

Tgt Ion:172 Resp: 1531700
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.4 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: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF103917.D

Acq: 26 Mar 2018 11:20

Instrument :

BNA_F

ClientSampleId :

C-MW-10-031918

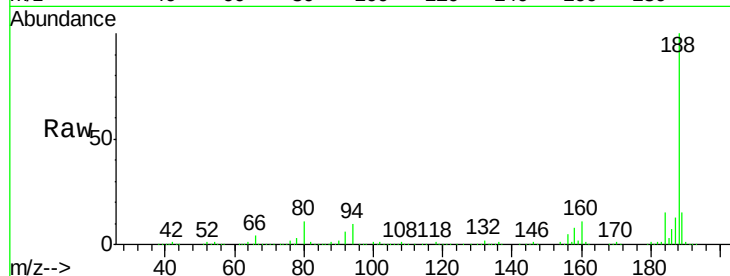
Tot Ion:188 Resp: 498871

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

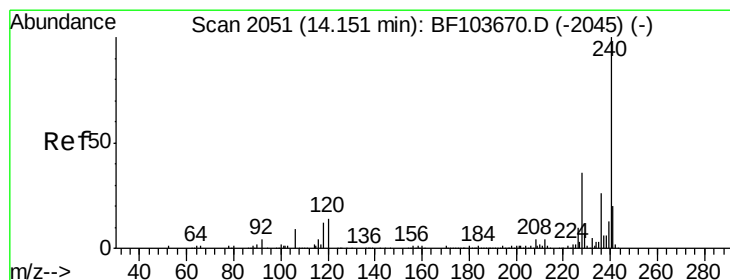
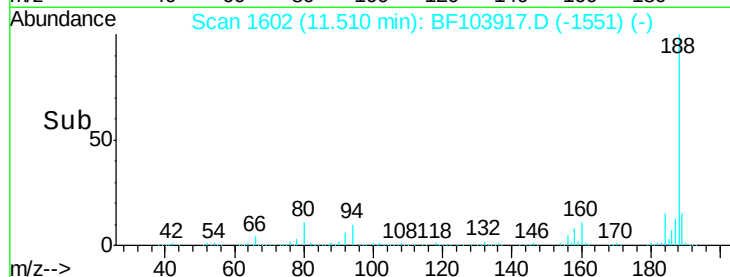
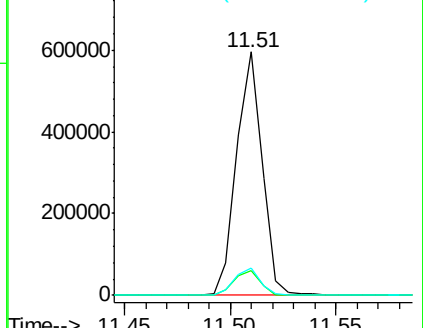
80 11.0 9.2 13.8



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: 14.19 min Scan# 2058

Delta R.T. 0.02 min

Lab File: BF103917.D

Acq: 26 Mar 2018 11:20

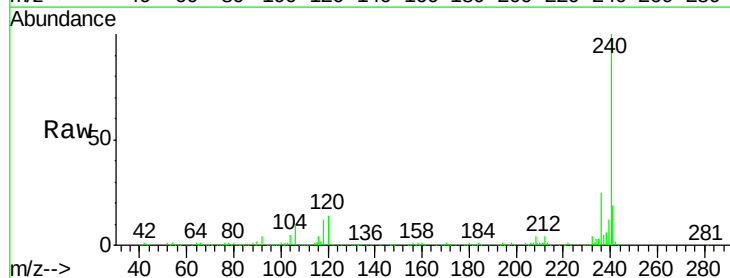
Tgt Ion:240 Resp: 400083

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

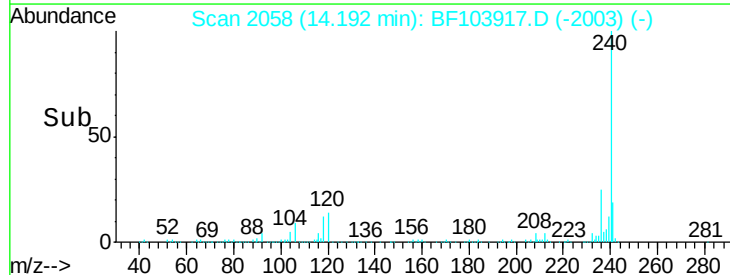
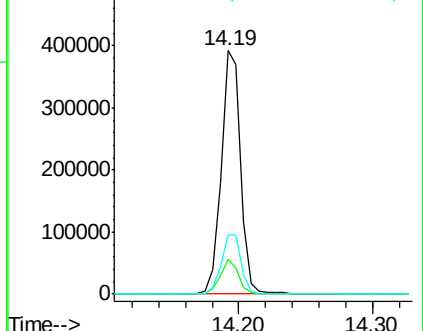
236 24.6 20.7 31.1

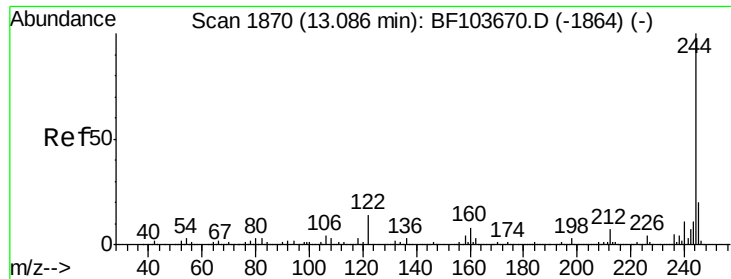


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

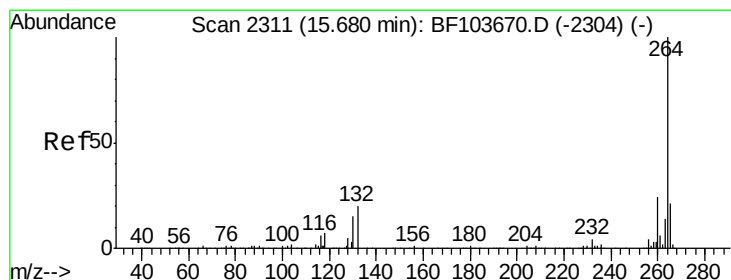
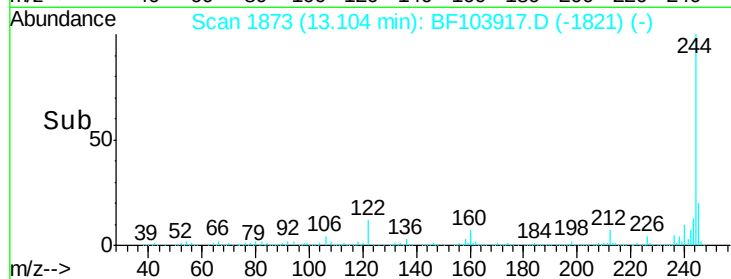
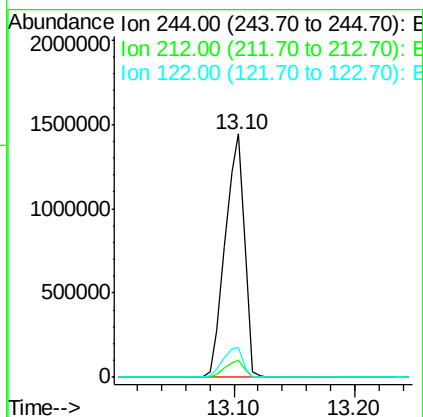
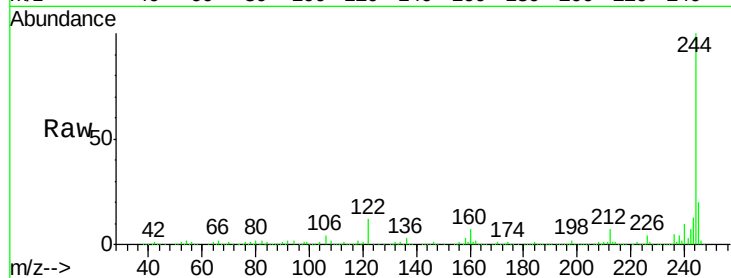




#78
 Terphenyl-d14
 Concen: 92.117 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF103917.D
 Acq: 26 Mar 2018 11:20

Instrument :
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 C-MW-10-031918

Tot Ion:244 Resp: 1587762
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.76 min Scan# 2325
 Delta R.T. 0.05 min
 Lab File: BF103917.D
 Acq: 26 Mar 2018 11:20

Tgt Ion:264 Resp: 302417
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 22.1 17.5 26.3

