

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100918.D
 Acq On : 28 Nov 2017 3:43
 Operator : SJ/JU
 Sample : I6584-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-U-B

Quant Time: Nov 28 10:02:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	61555	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	231819	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	107535	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	188399	20.00	ng	0.00
75) Chrysene-d12	14.02	240	128045	20.00	ng	-0.01
86) Perylene-d12	15.49	264	122200	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	132467	34.50	ng	0.00
7) Phenol-d6	6.47	99	94067	19.87	ng	-0.02
23) Nitrobenzene-d5	7.42	82	332675	94.88	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	94661	86.39	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	695219	98.44	ng	0.00
78) Terphenyl-d14	12.97	244	526173	94.42	ng	0.00

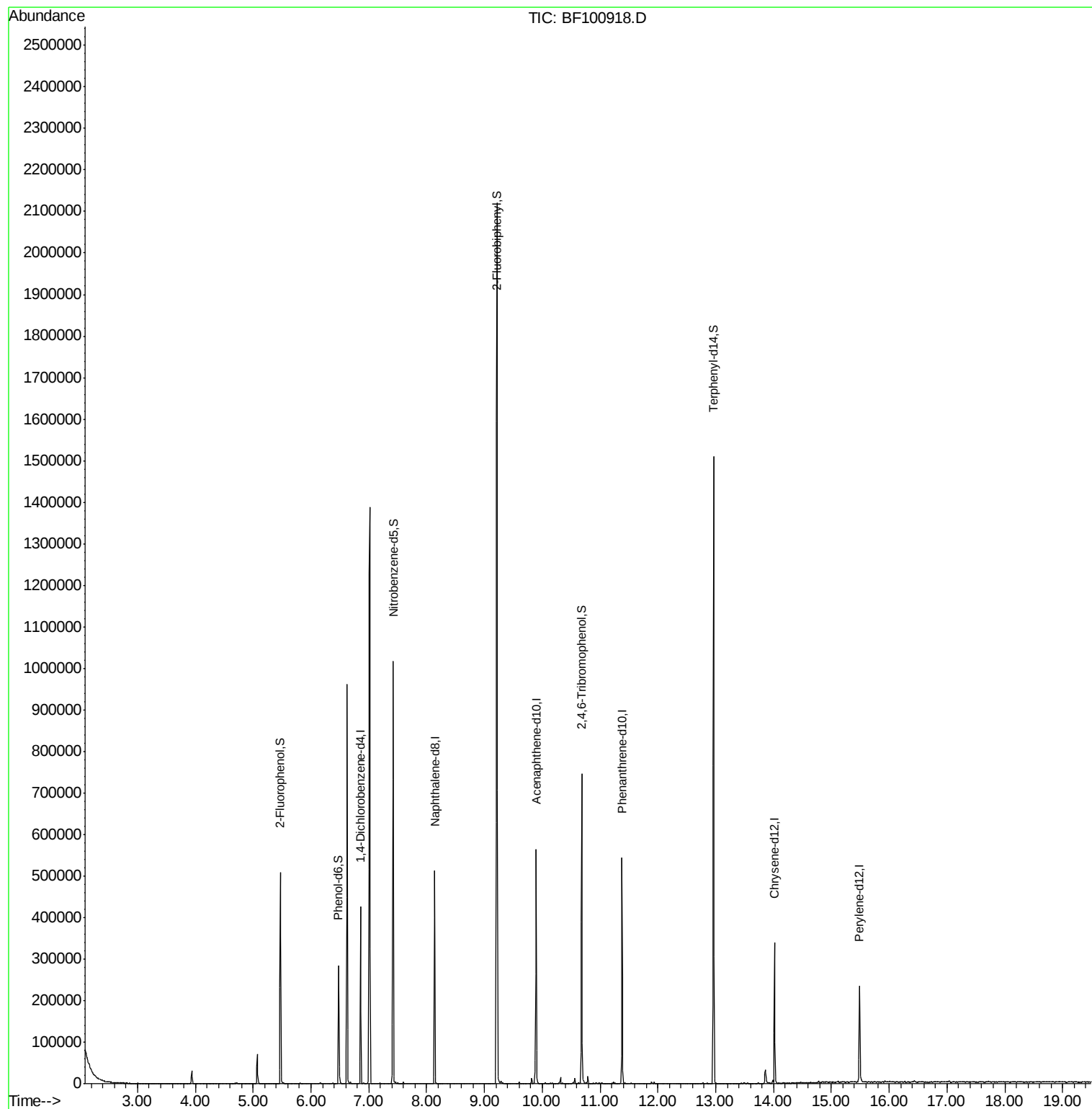
Target Compounds Qvalue

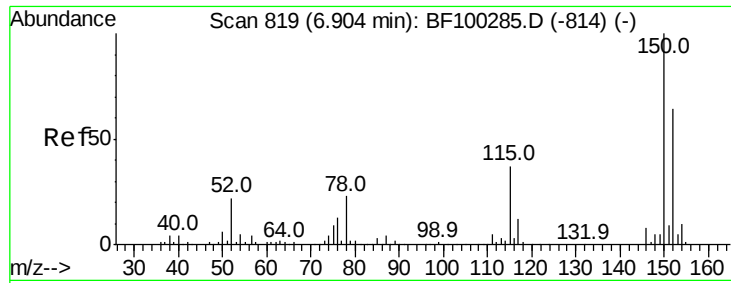
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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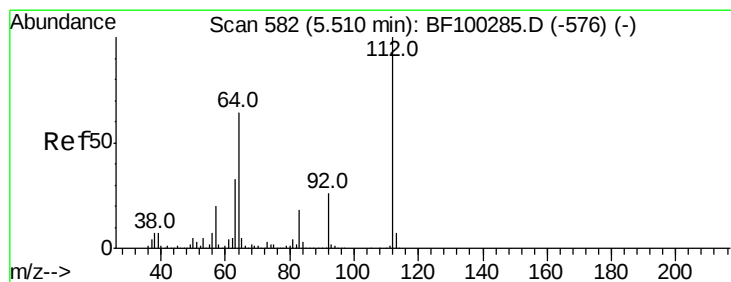
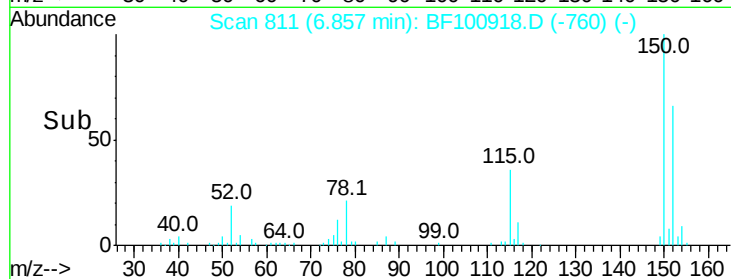
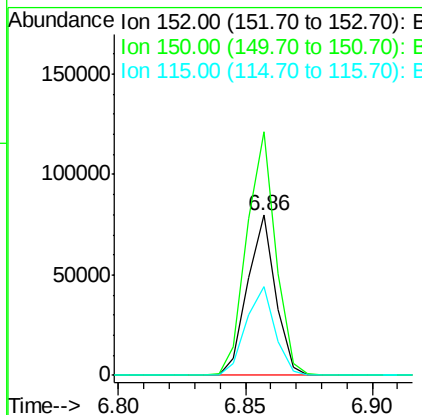
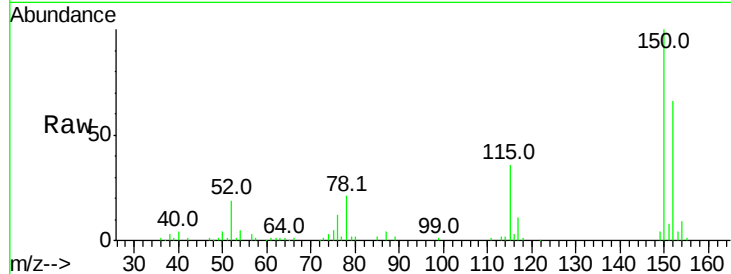


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100918.D
Acq: 28 Nov 2017 3:43

Instrument :
BNA_F
ClientSampleId :
112117-TIDO-F-U-B

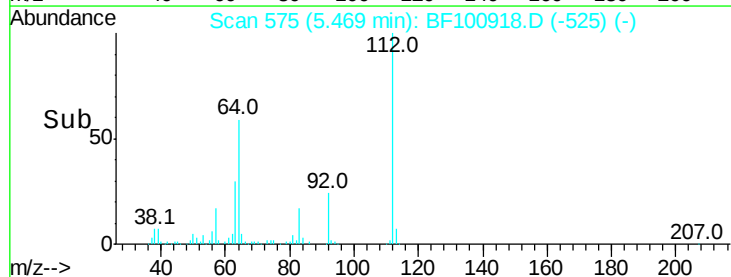
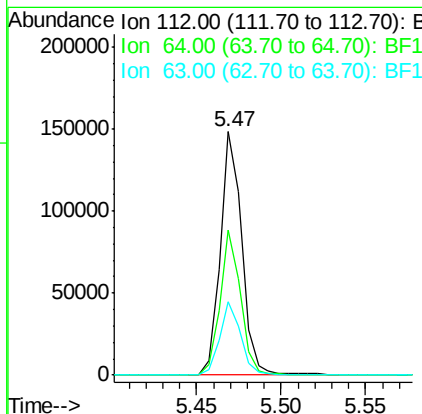
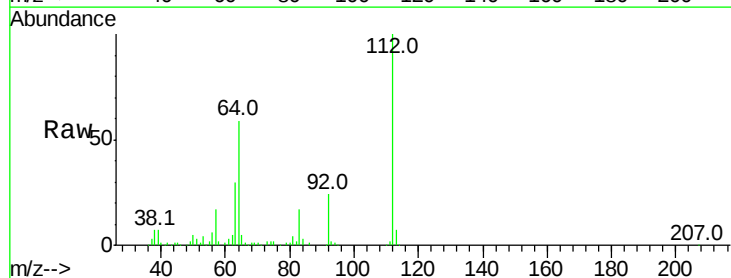
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	55.5	50.1	75.1



#5

2-Fluorophenol
Concen: 34.496 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF100918.D
Acq: 28 Nov 2017 3:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 19.865 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF100918.D

Acq: 28 Nov 2017 3:43

Instrument :

BNA_F

ClientSampleId :

112117-TIDO-F-U-B

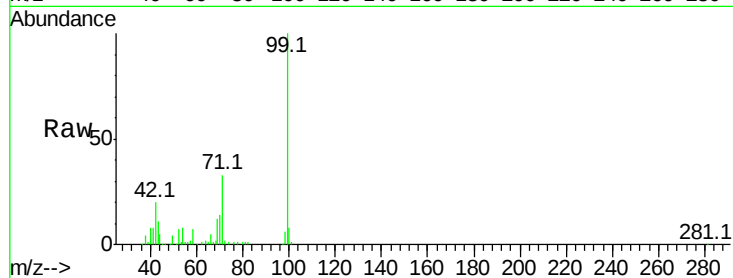
Tot Ion: 99 Resp: 94067

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

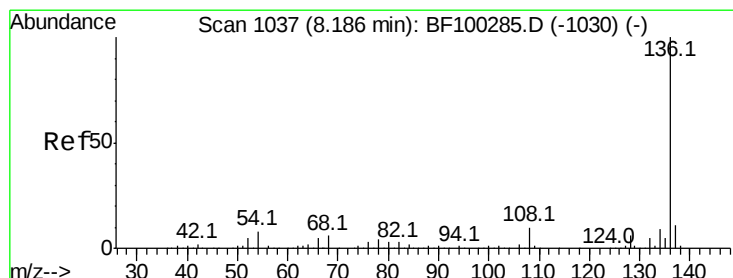
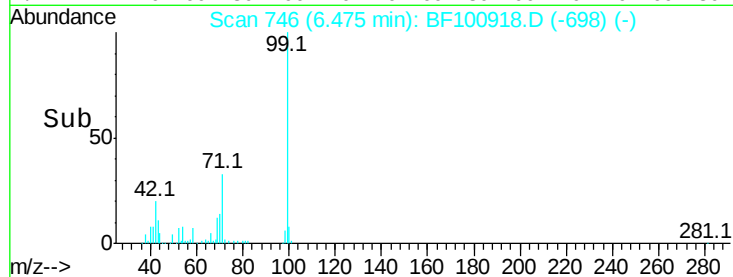
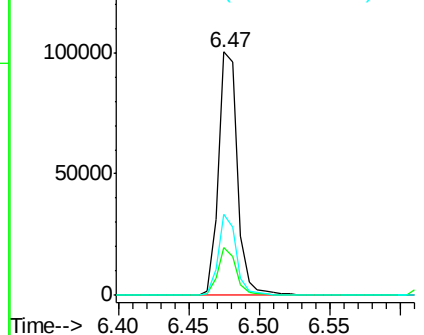
71 33.2 25.4 38.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100918.D

Acq: 28 Nov 2017 3:43

Tgt Ion: 136 Resp: 231819

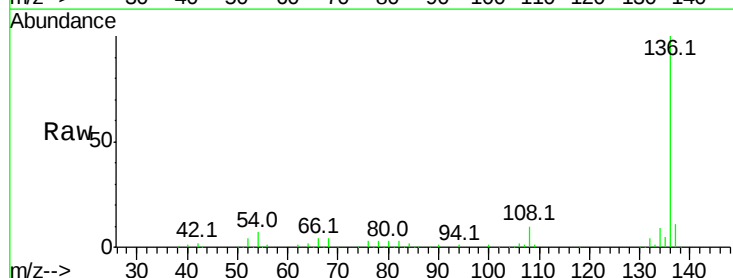
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 4.4 5.0 7.4#

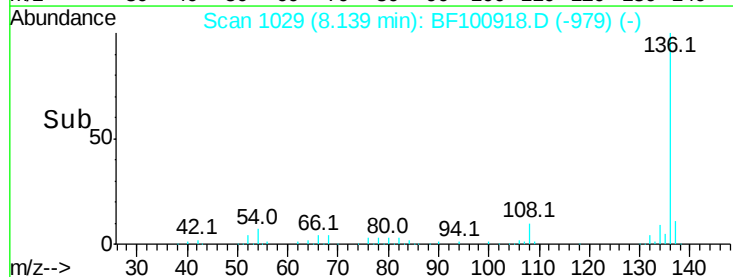
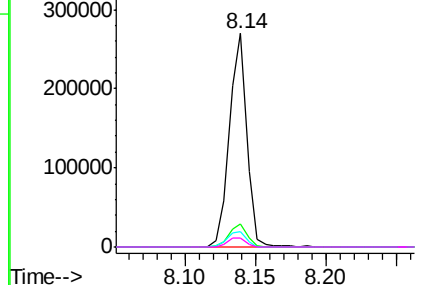


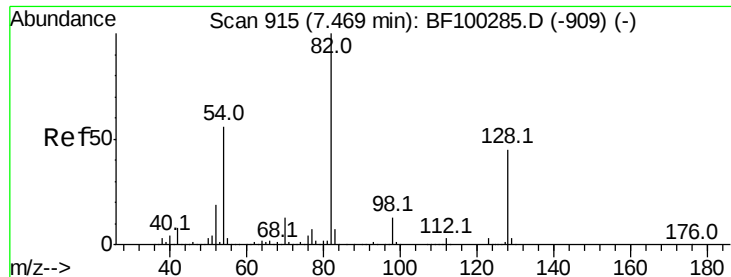
Abundance Ion 136.00 (135.70 to 136.70): E

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

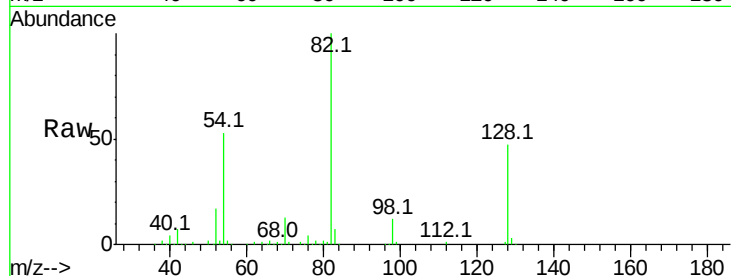




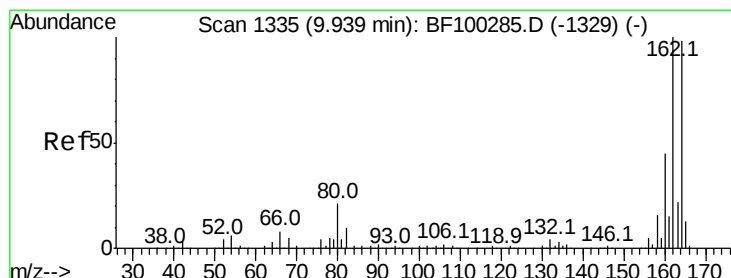
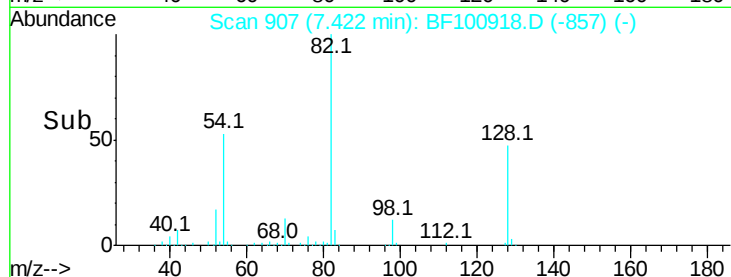
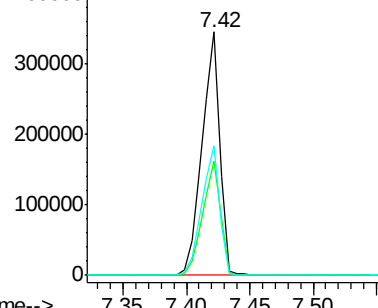
#23
 Nitrobenzene-d5
 Concen: 94.877 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF100918.D
 Acq: 28 Nov 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	53.3	41.4	62.2

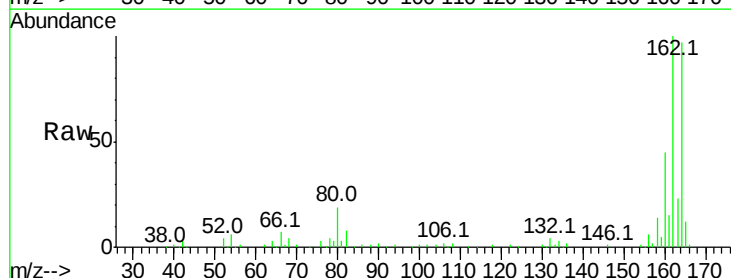


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

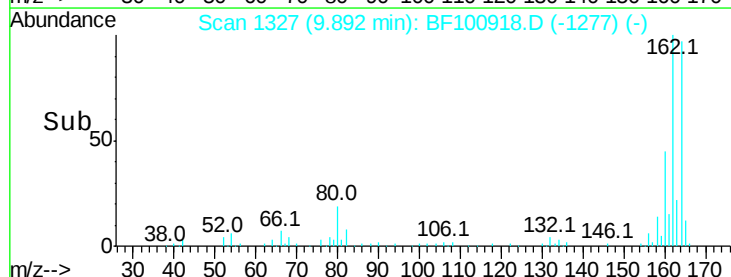
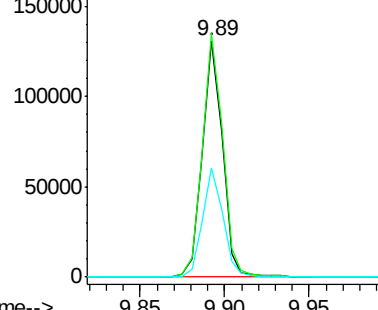


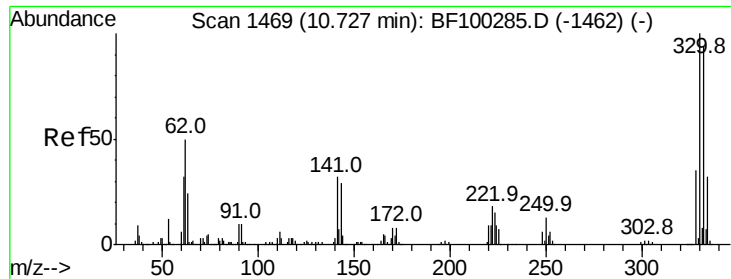
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100918.D
 Acq: 28 Nov 2017 3:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.2	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

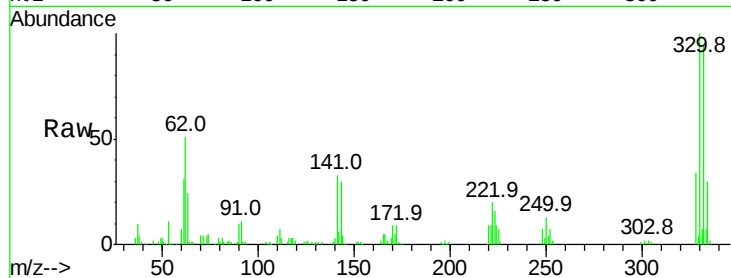




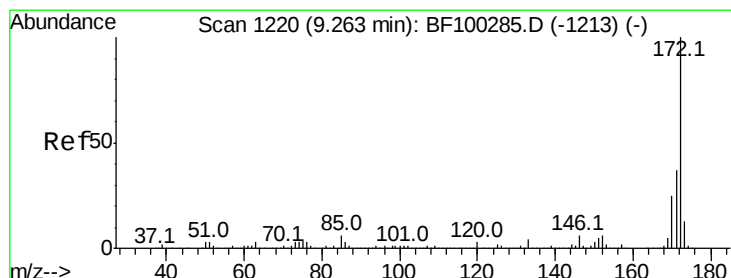
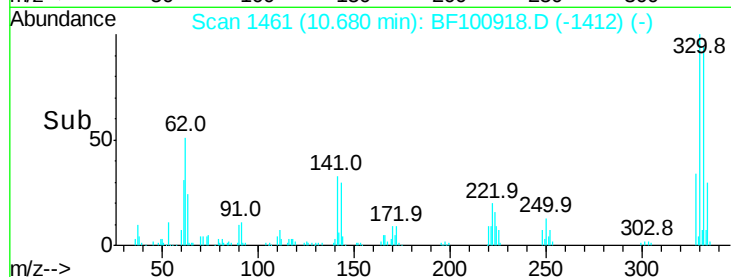
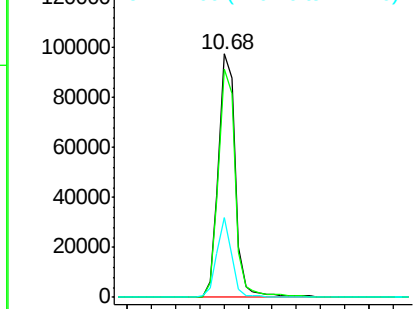
#41
 2,4,6-Tribromophenol
 Concen: 86.387 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100918.D
 Acq: 28 Nov 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	28.3	29.9	44.9#

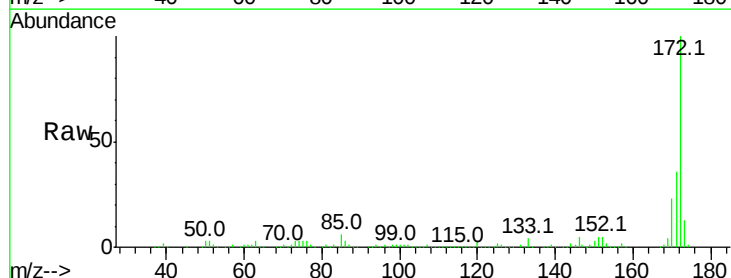


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

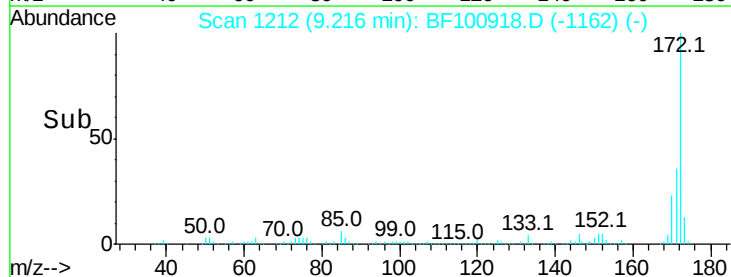
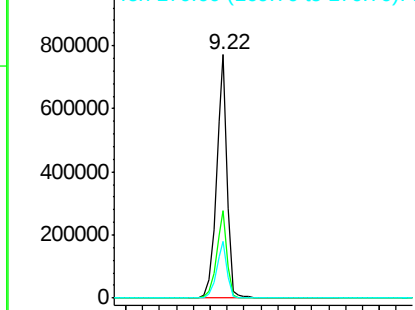


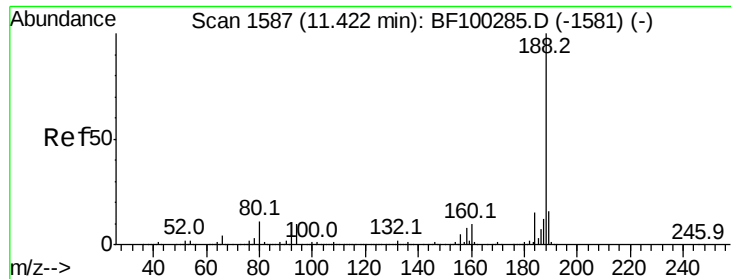
#44
 2-Fluorobiphenyl
 Concen: 98.444 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100918.D
 Acq: 28 Nov 2017 3:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.2	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

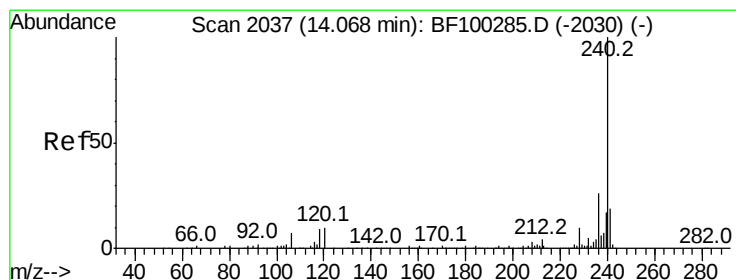
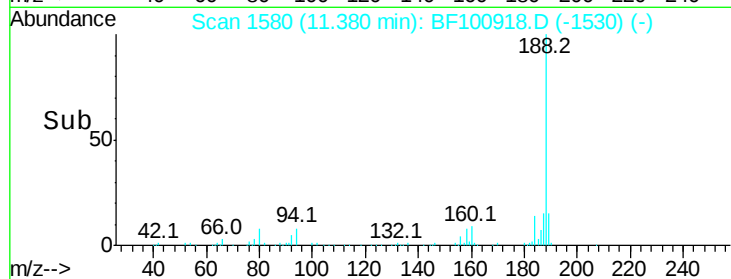
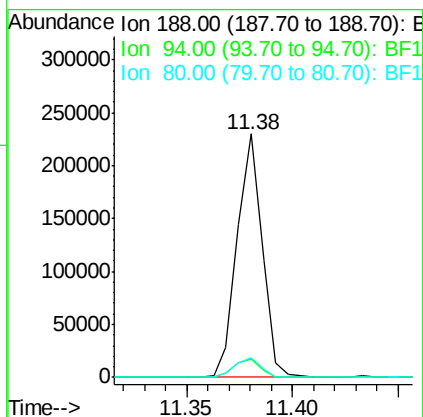
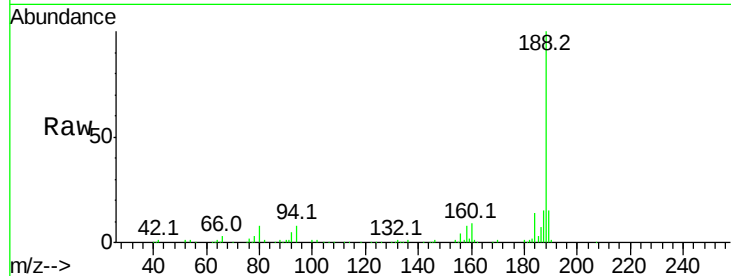




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100918.D
Acq: 28 Nov 2017 3:43

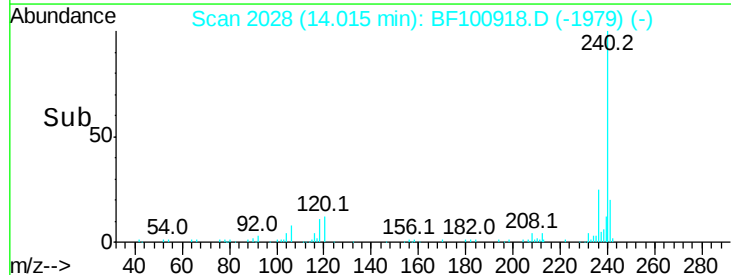
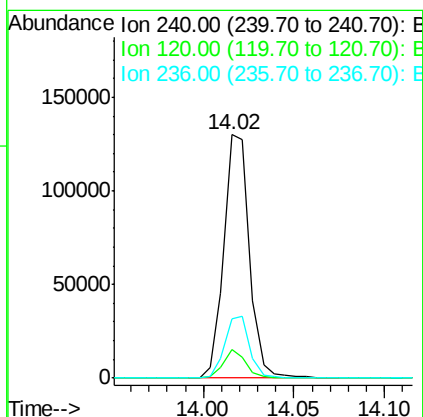
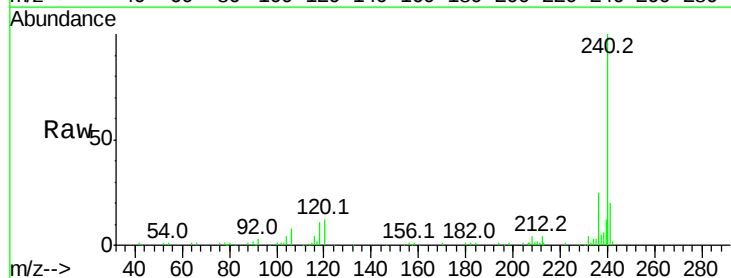
Instrument :
BNA_F
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112117-TIDO-F-U-B

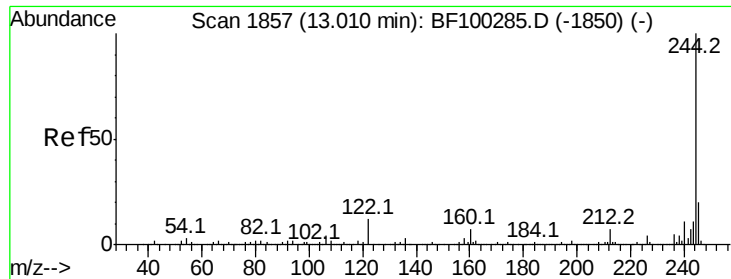
Tot Ion:188 Resp: 188399
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.3 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100918.D
Acq: 28 Nov 2017 3:43

Tgt Ion:240 Resp: 128045
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 24.5 20.7 31.1





#78

Terphenyl-d14

Concen: 94.419 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100918.D

Acq: 28 Nov 2017 3:43

Instrument :

BNA_F

ClientSampleId :

112117-TIDO-F-U-B

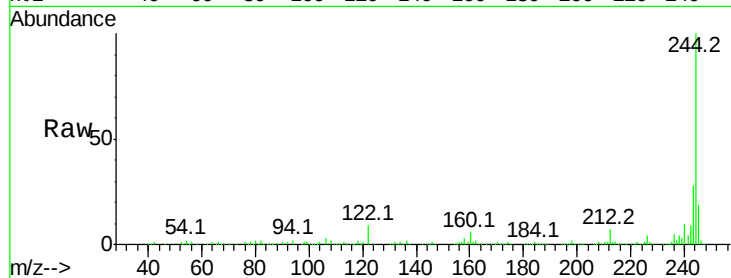
Tot Ion:244 Resp: 526173

Ion Ratio Lower Upper

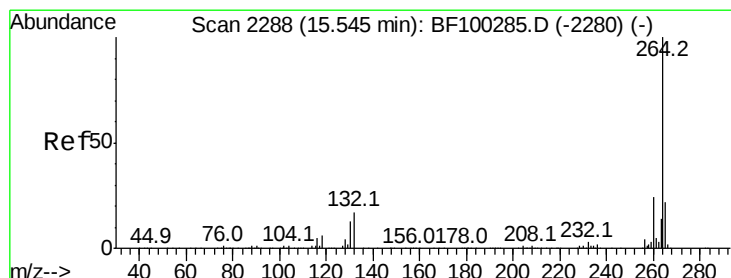
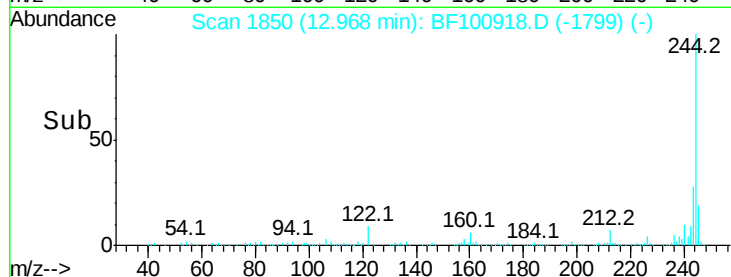
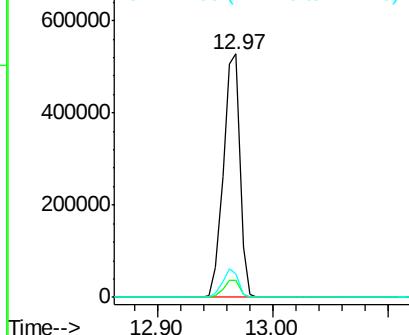
244 100

212 7.1 5.4 8.0

122 9.5 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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF100918.D

Acq: 28 Nov 2017 3:43

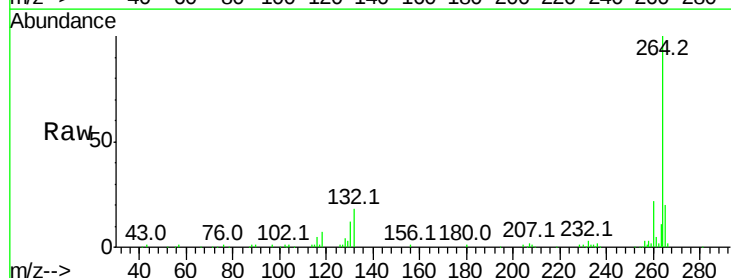
Tgt Ion:264 Resp: 122200

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 19.9 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

