

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101231.D
 Acq On : 8 Dec 2017 3:53
 Operator : SJ/JU
 Sample : I6732-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120117-TIDO-F-U-S

Quant Time: Dec 08 05:55:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41248	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	146557	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59226	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	100914	20.00	ng	0.00
75) Chrysene-d12	14.02	240	82356	20.00	ng	0.00
86) Perylene-d12	15.50	264	65486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	104032	41.68	ng	0.00
7) Phenol-d6	6.47	99	78532	25.91	ng	-0.01
23) Nitrobenzene-d5	7.41	82	226274	92.10	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	53485	75.18	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	470941	108.79	ng	-0.01
78) Terphenyl-d14	12.96	244	353118	93.78	ng	0.00

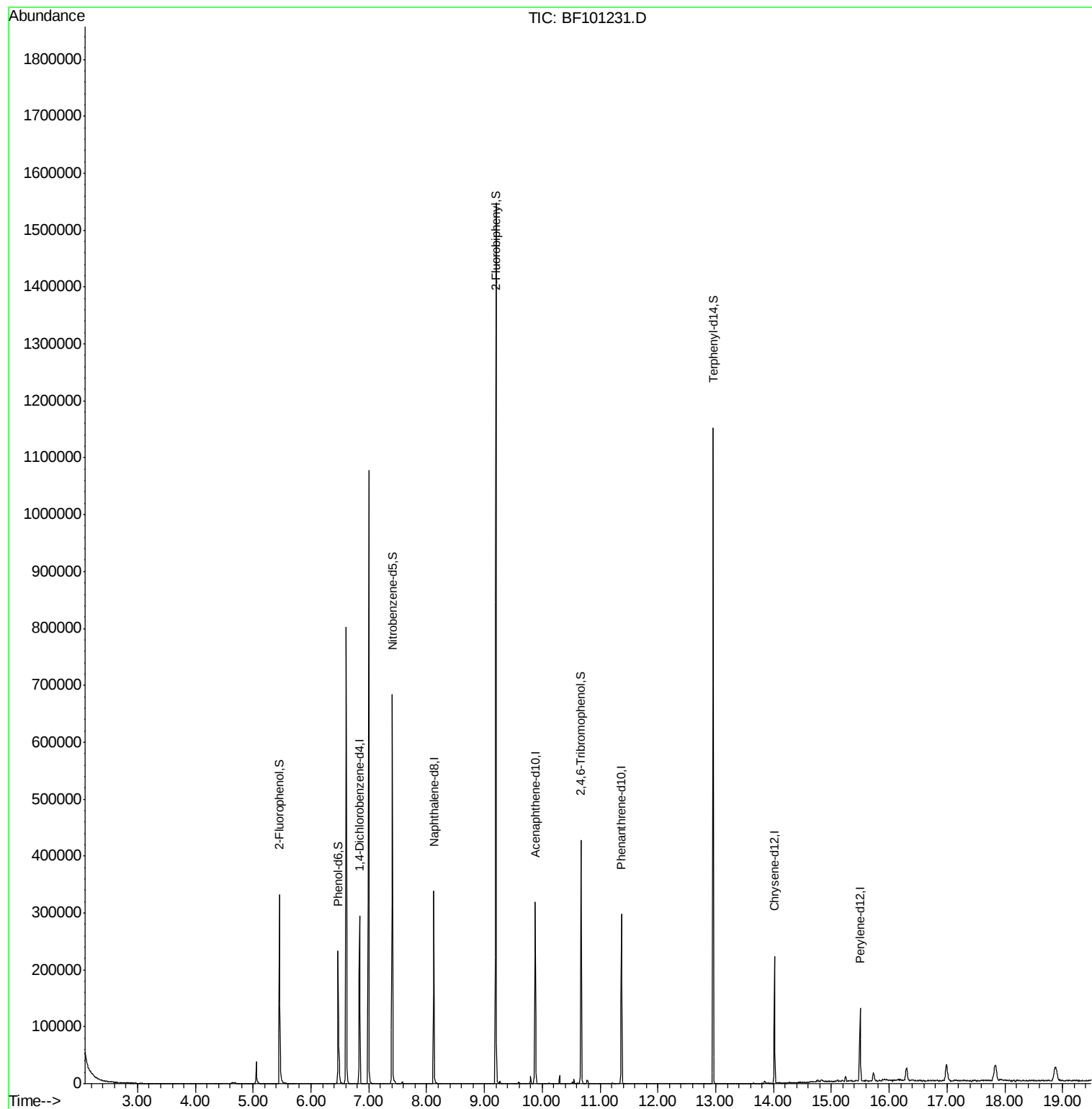
Target Compounds Qvalue

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

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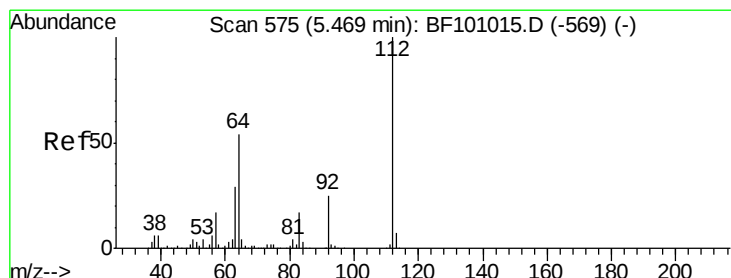
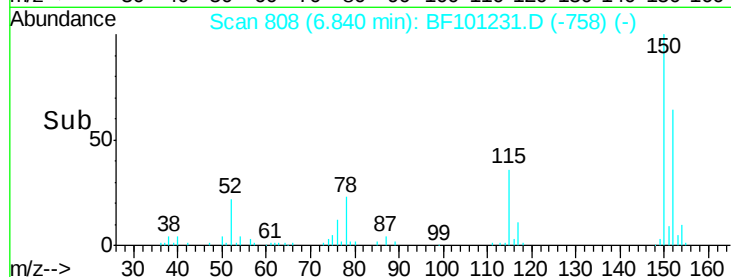
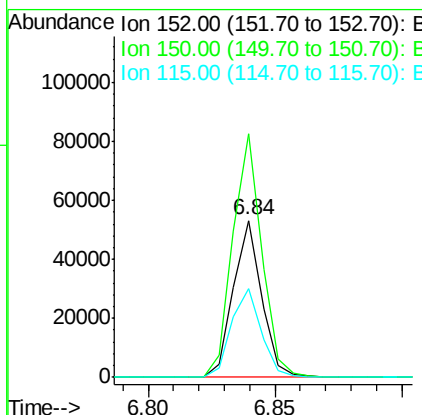
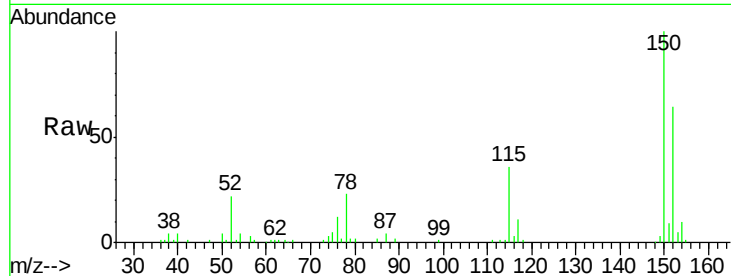


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampleId :
 120117-TIDO-F-U-S

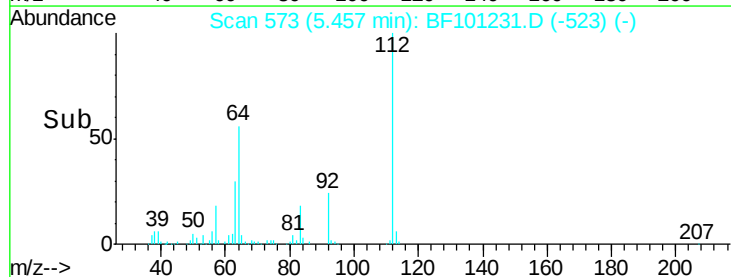
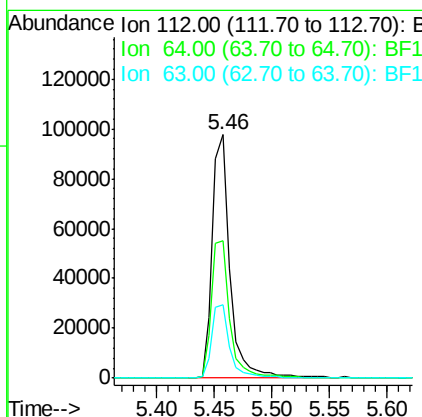
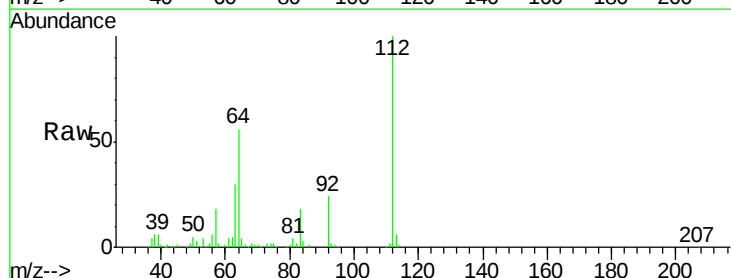
Tot Ion:152 Resp: 41248
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 56.5 50.1 75.1



#5

2-Fluorophenol
 Concen: 41.676 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Tgt Ion:112 Resp: 104032
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 25.913 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101231.D

Acq: 8 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

120117-TIDO-F-U-S

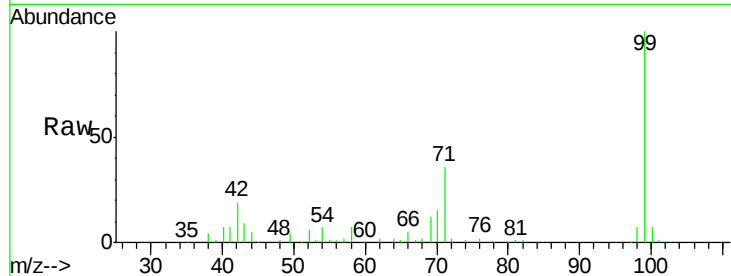
Tot Ion: 99 Resp: 78532

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

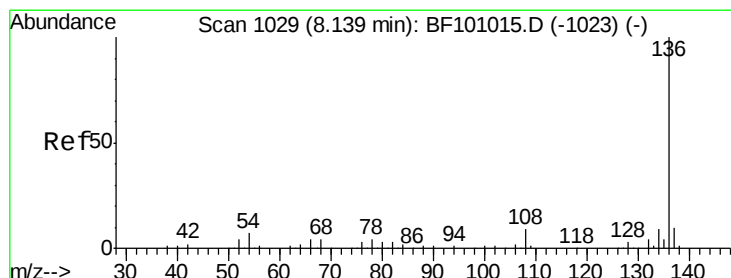
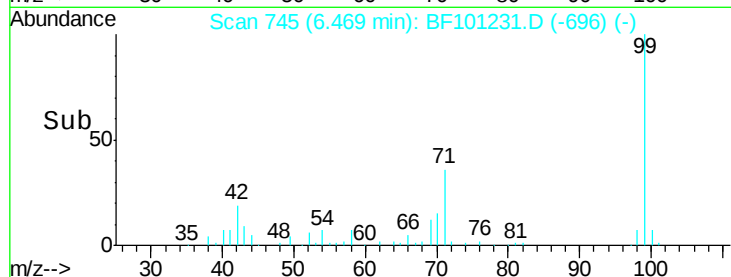
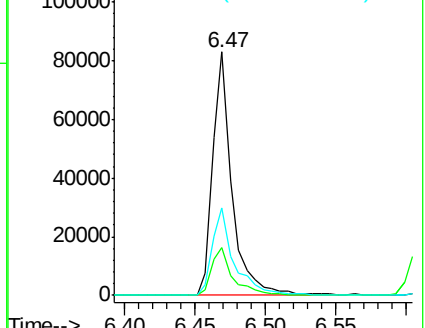
71 35.9 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101231.D

Acq: 8 Dec 2017 3:53

Tgt Ion: 136 Resp: 146557

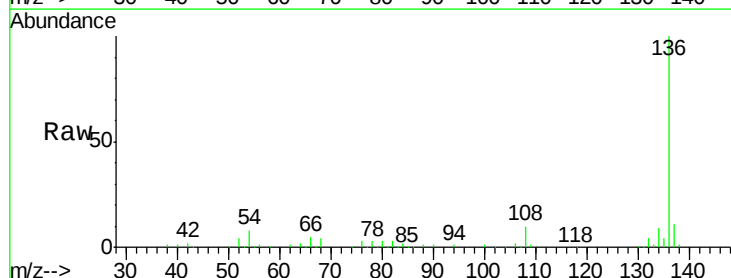
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 4.4 5.0 7.4#

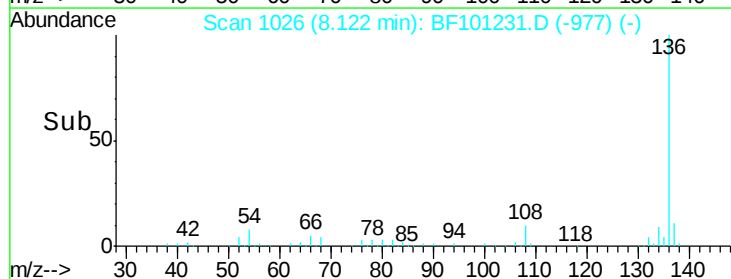
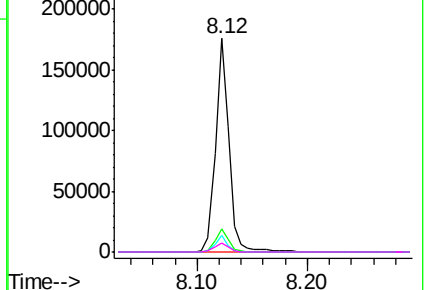


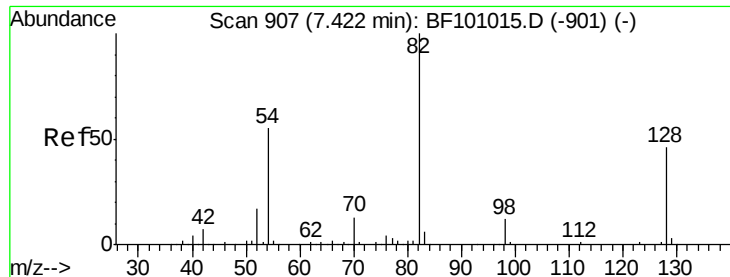
Abundance Ion 136.00 (135.70 to 136.70): E

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

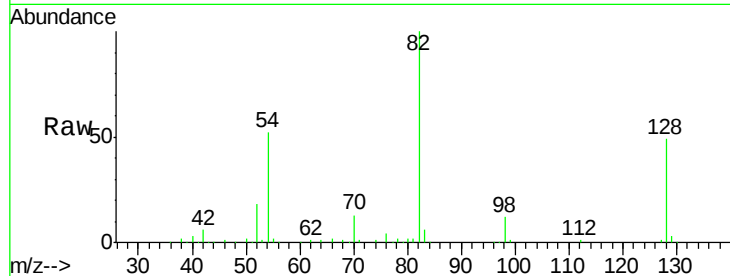




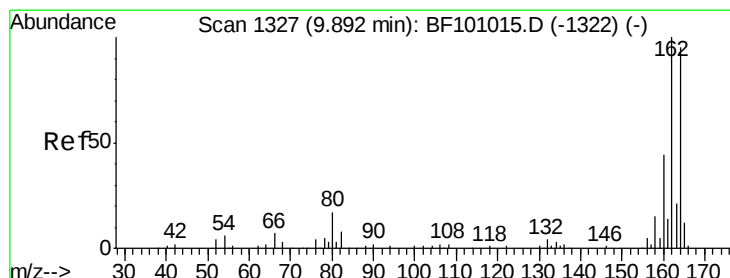
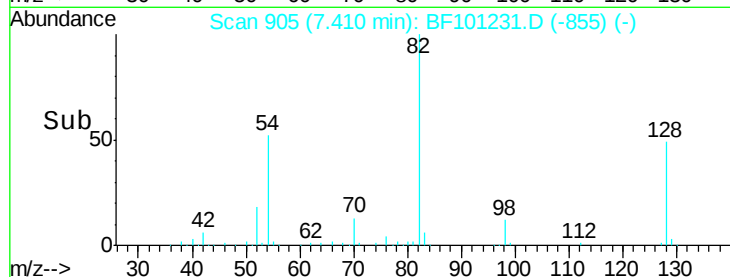
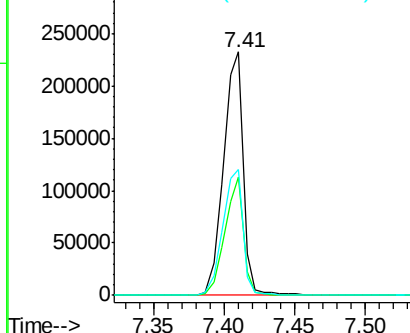
#23
 Nitrobenzene-d5
 Concen: 92.100 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampleId :
 120117-TIDO-F-U-S

Tot Ion: 82 Resp: 226274
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.1 54.1
 54 51.8 41.4 62.2

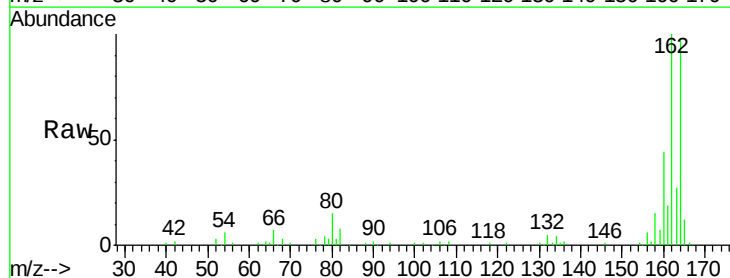


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

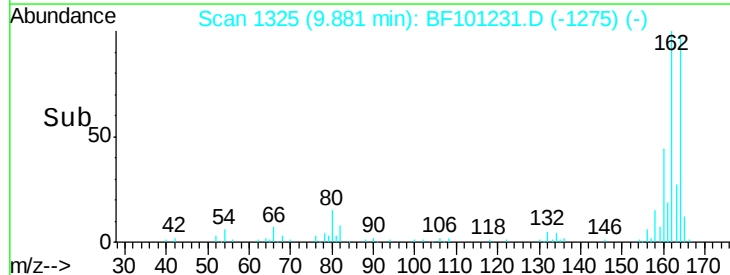
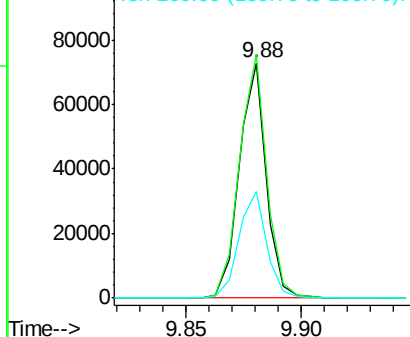


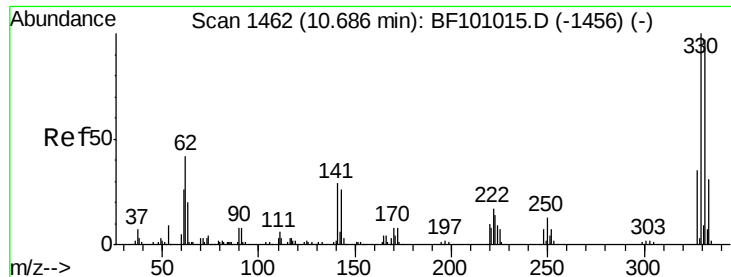
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Tgt Ion: 164 Resp: 59226
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 45.5 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

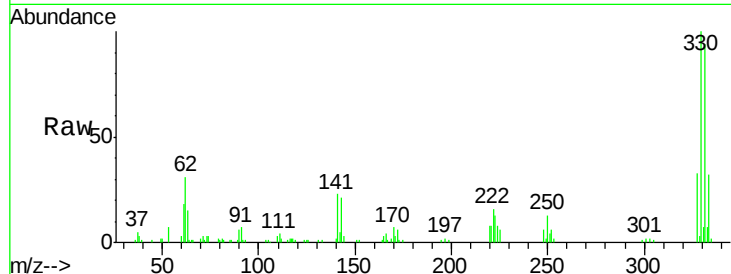




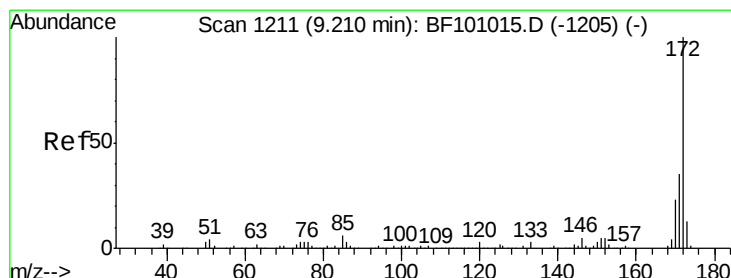
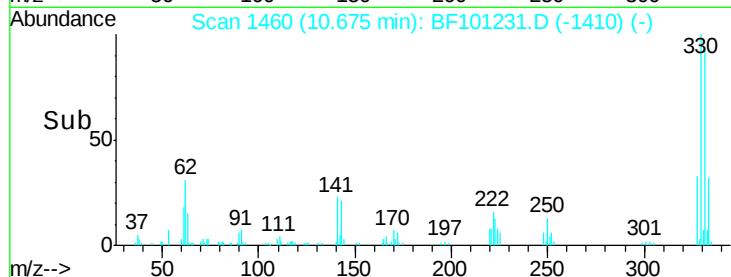
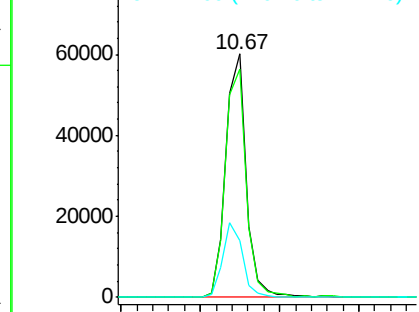
#41
 2,4,6-Tribromophenol
 Concen: 75.175 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampleId :
 120117-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.7	29.9	44.9

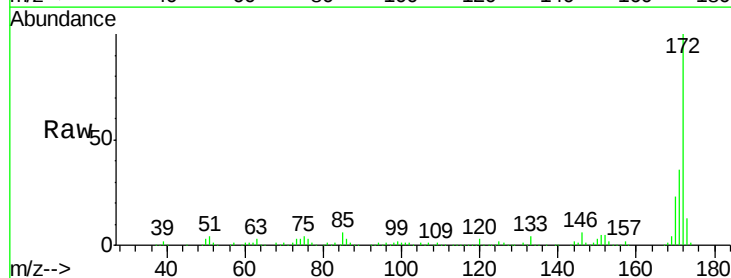


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

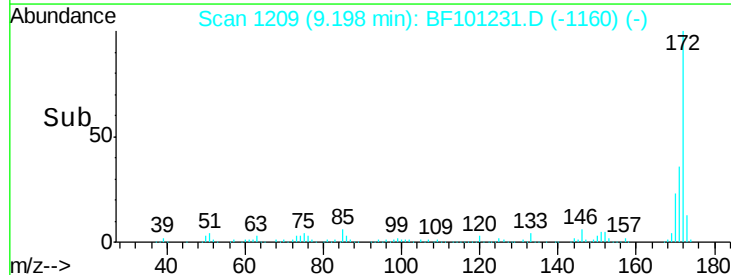
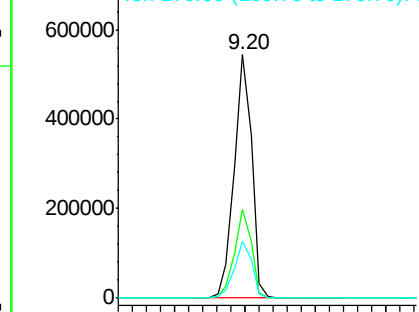


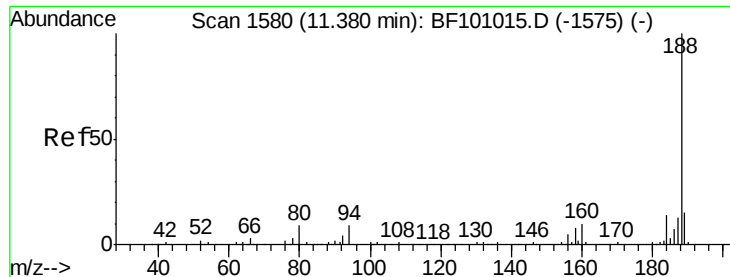
#44
 2-Fluorobiphenyl
 Concen: 108.794 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.1	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

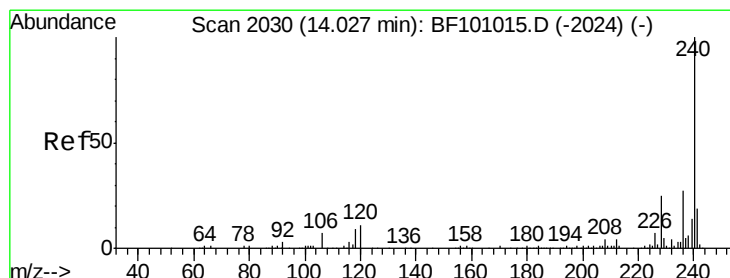
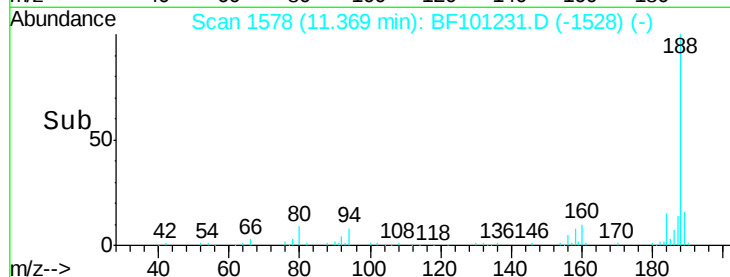
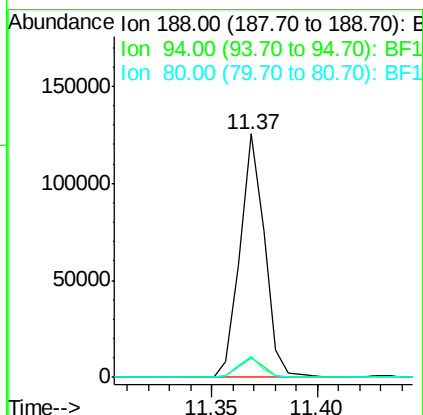
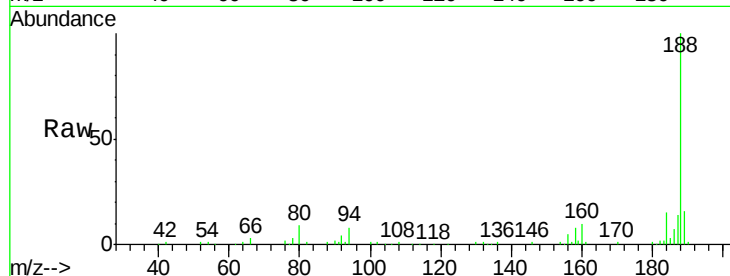




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

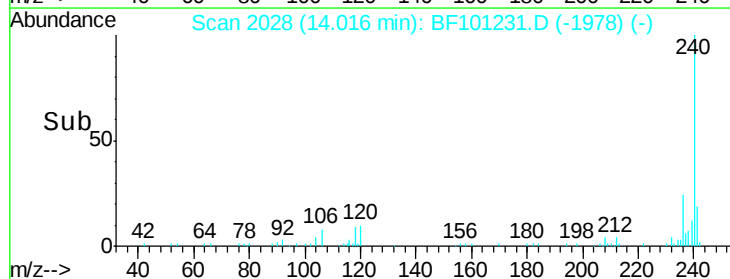
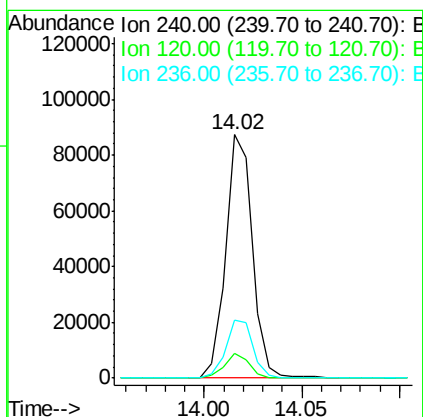
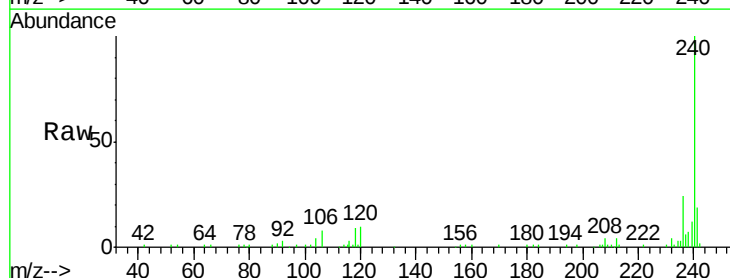
Instrument :
BNA_F
ClientSampleId :
120117-TIDO-F-U-S

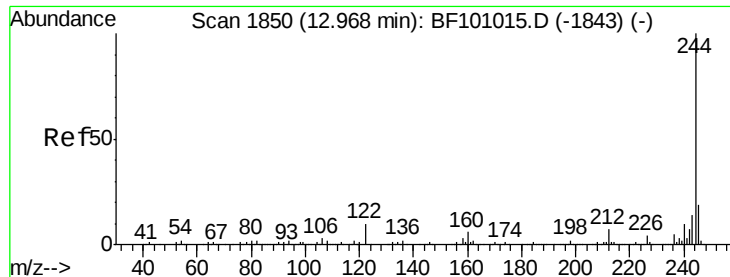
Tot Ion:188 Resp: 100914
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.7 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

Tgt Ion:240 Resp: 82356
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 23.6 20.7 31.1





#78

Terphenyl-d14

Concen: 93.783 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101231.D

Acq: 8 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

120117-TIDO-F-U-S

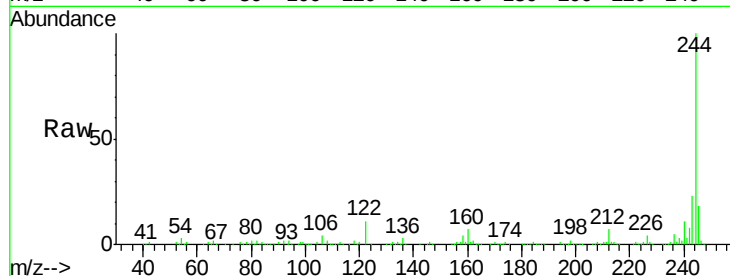
Tot Ion:244 Resp: 353118

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

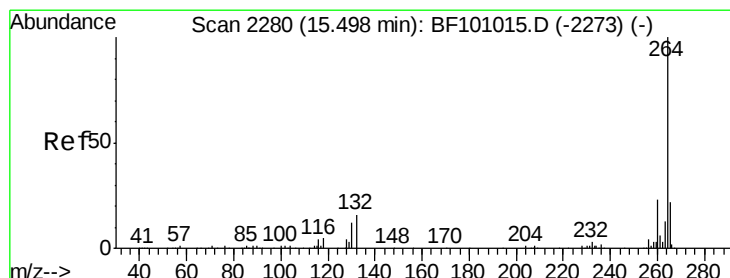
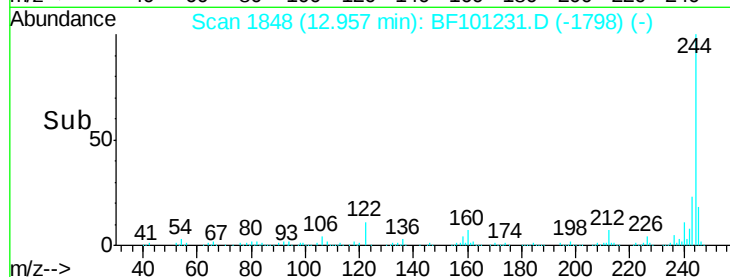
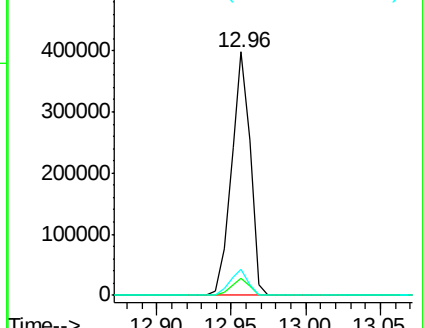
122 10.8 11.0 16.4#



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101231.D

Acq: 8 Dec 2017 3:53

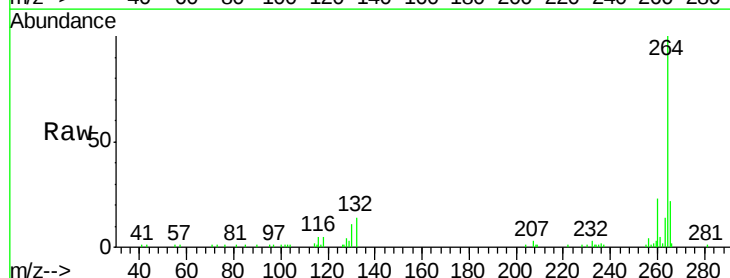
Tgt Ion:264 Resp: 65486

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.7 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

