

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101591.D
 Acq On : 21 Dec 2017 6:06
 Operator : SJ/JU
 Sample : I6971-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-D-S

Quant Time: Dec 21 08:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146603	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	538577	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202690	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	323800	20.00	ng	0.00
75) Chrysene-d12	13.97	240	324366	20.00	ng	0.00
86) Perylene-d12	15.43	264	347801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	436372	44.34	ng	0.00
7) Phenol-d6	6.43	99	326752	26.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	846343	87.48	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	141190	72.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1218221	93.23	ng	0.00
78) Terphenyl-d14	12.90	244	916543	68.12	ng	0.00

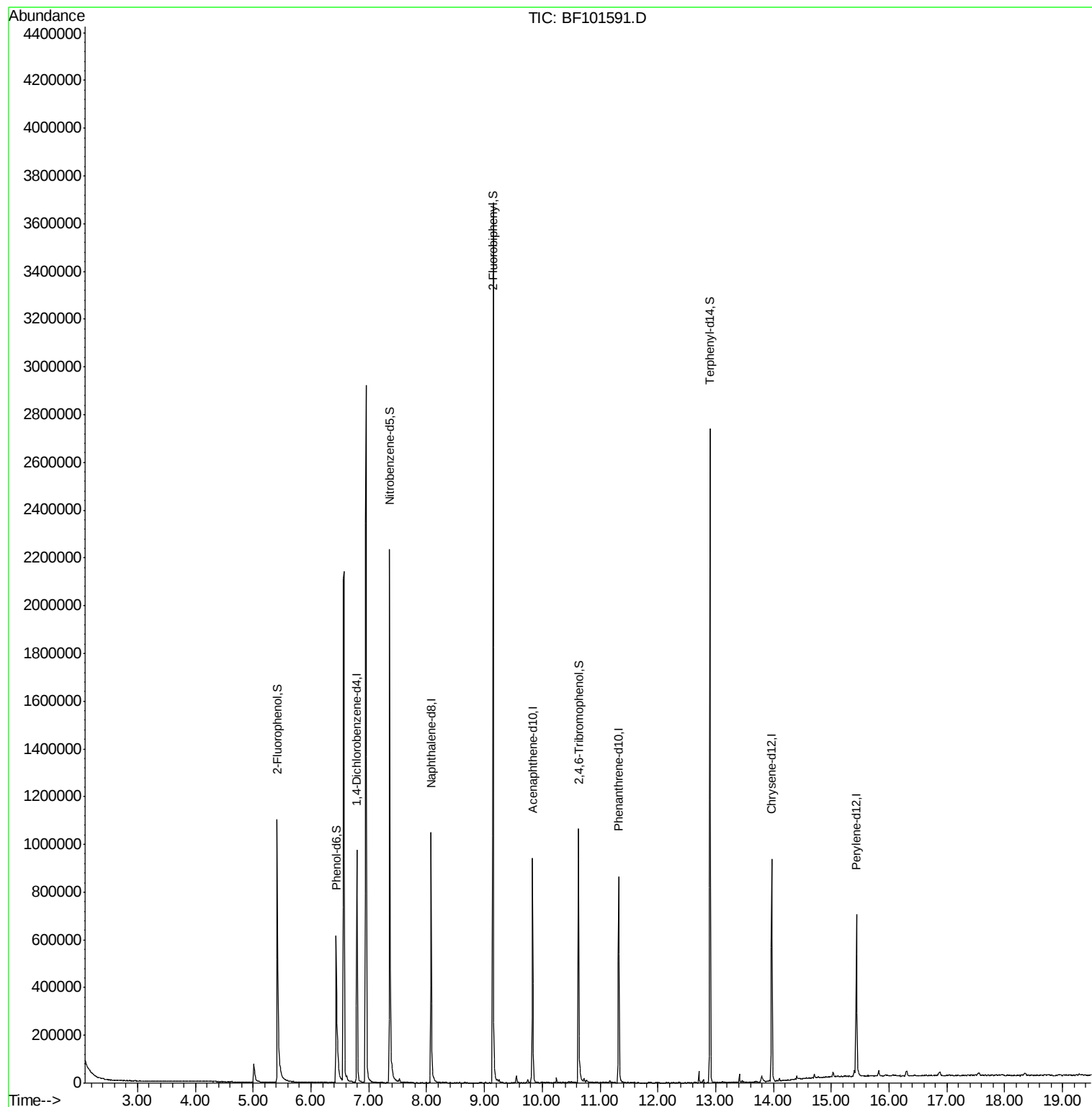
Target Compounds	Qvalue
------------------	--------

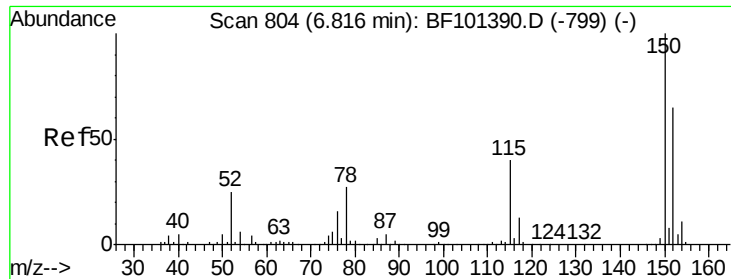
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101591.D
Acq On : 21 Dec 2017 6:06
Operator : SJ/JU
Sample : I6971-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121517-TIDO-F-D-S

Quant Time: Dec 21 08:05:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

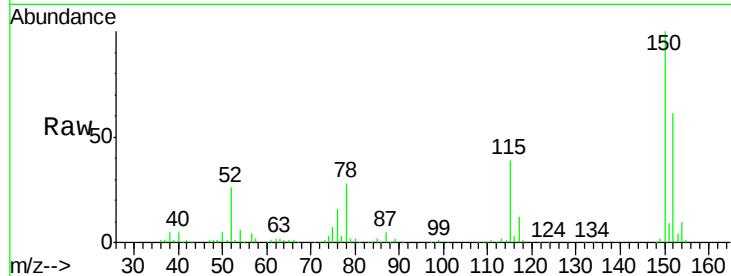




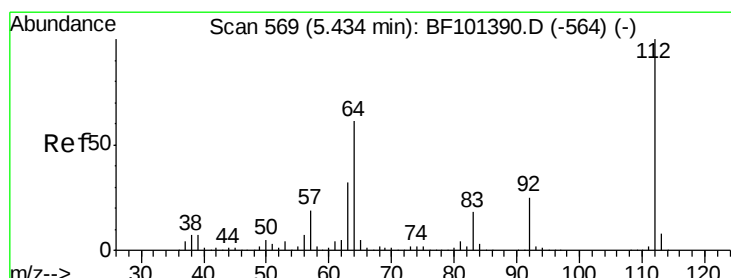
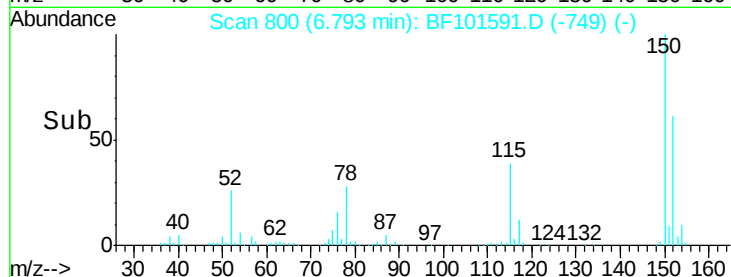
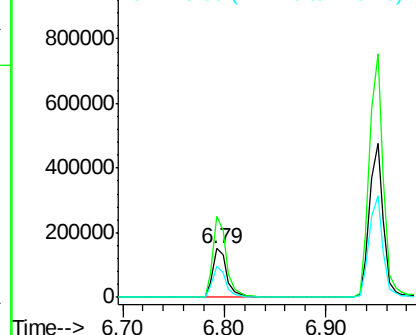
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF101591.D
 Acq: 21 Dec 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-D-S

Tgt Ion:152 Resp: 146603
 Ion Ratio Lower Upper
 152 100
 150 164.9 124.6 186.8
 115 64.8 50.1 75.1

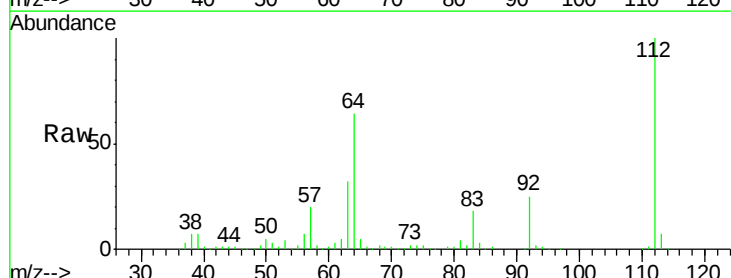


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

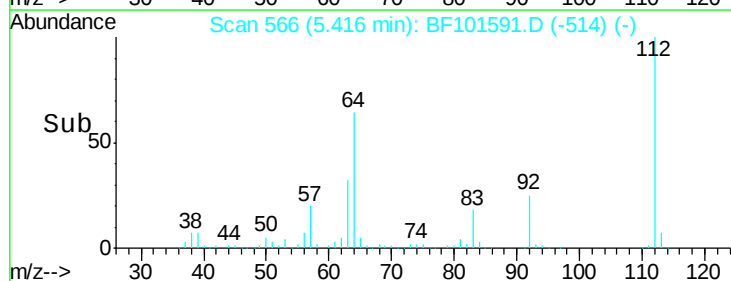
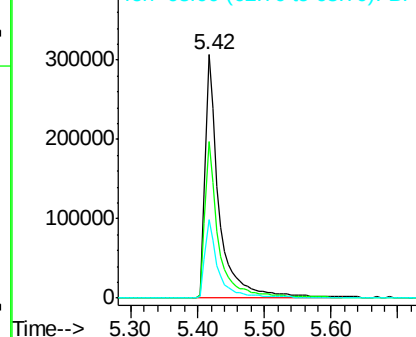


#5
 2-Fluorophenol
 Concen: 44.338 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101591.D
 Acq: 21 Dec 2017 6:06

Tgt Ion:112 Resp: 436372
 Ion Ratio Lower Upper
 112 100
 64 64.4 47.9 71.9
 63 32.4 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: 26.677 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101591.D

Acq: 21 Dec 2017 6:06

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-D-S

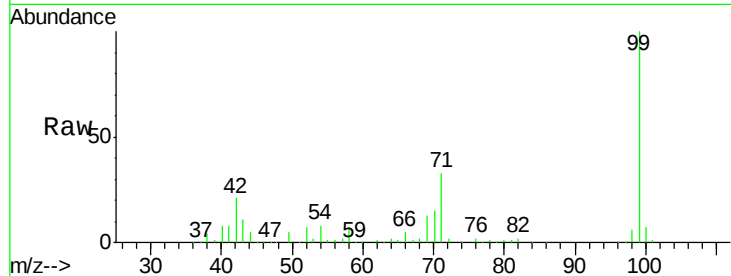
Tgt Ion: 99 Resp: 326752

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

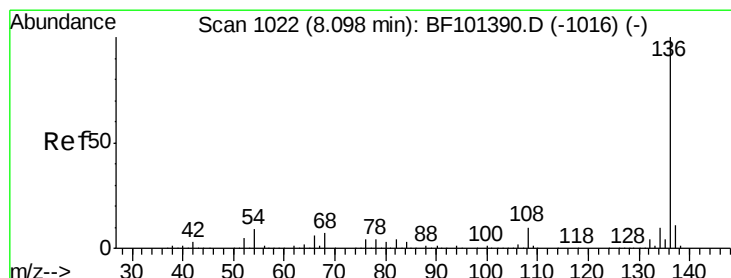
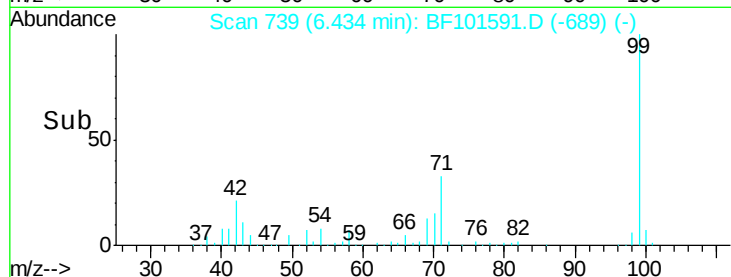
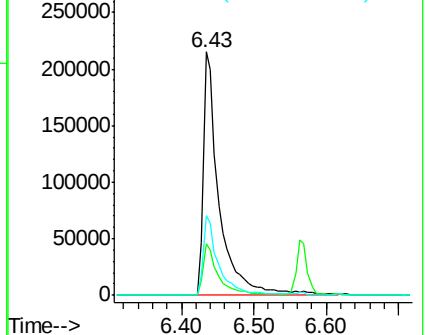
71 32.8 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101591.D

Acq: 21 Dec 2017 6:06

Tgt Ion: 136 Resp: 538577

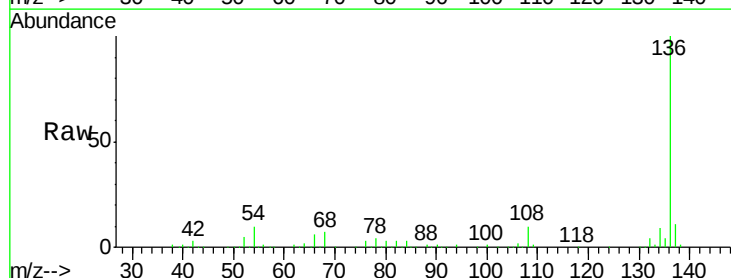
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.5 6.6 9.8

68 6.8 5.0 7.4

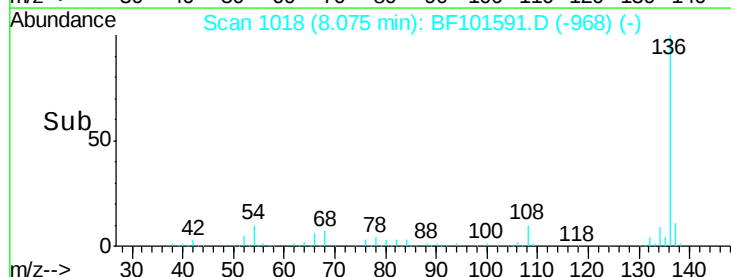
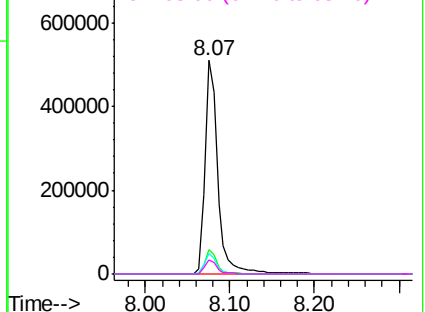


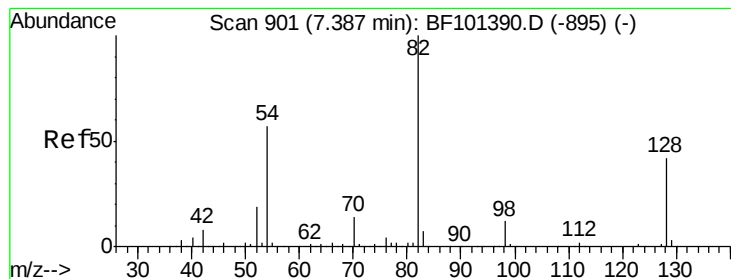
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.476 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101591.D

Acq: 21 Dec 2017 6:06

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-D-S

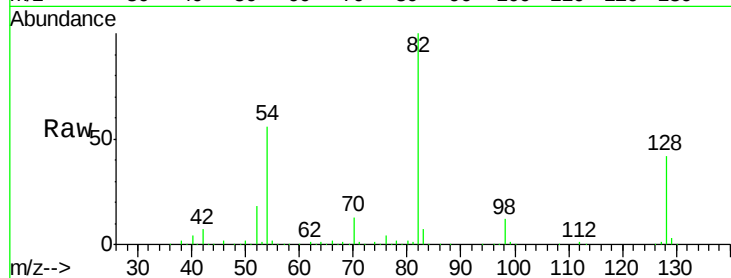
Tgt Ion: 82 Resp: 846343

Ion Ratio Lower Upper

82 100

128 41.7 36.1 54.1

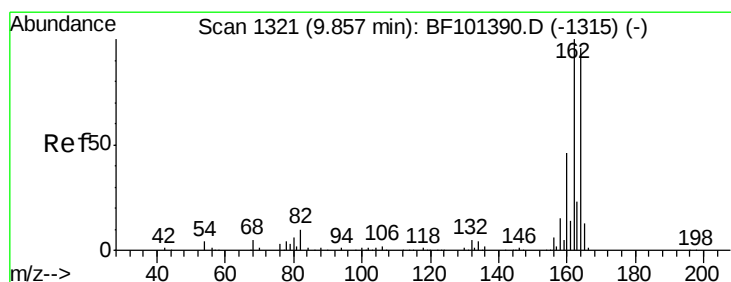
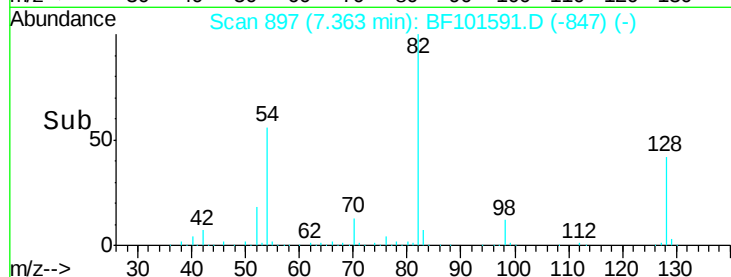
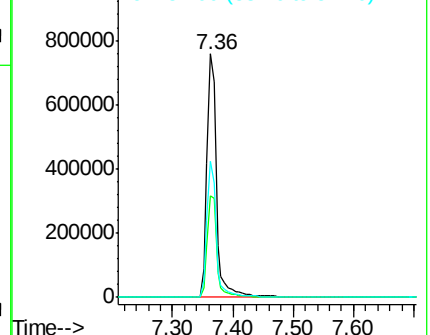
54 56.1 41.4 62.2



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: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101591.D

Acq: 21 Dec 2017 6:06

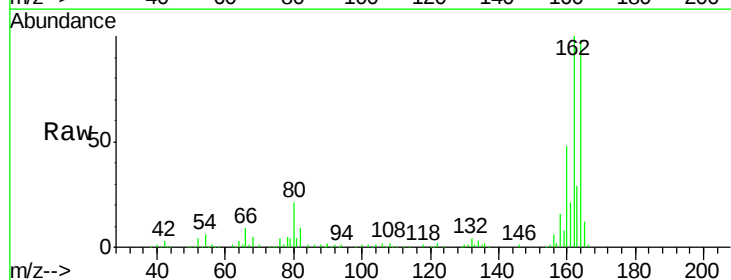
Tgt Ion: 164 Resp: 202690

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

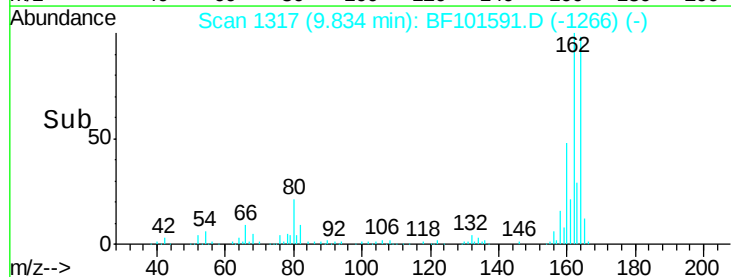
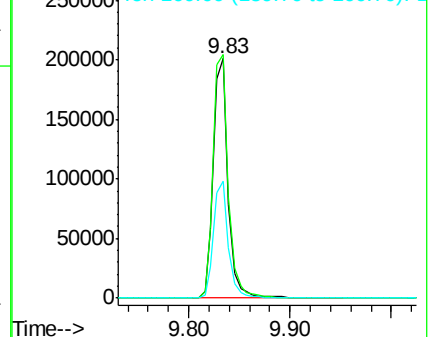
160 48.6 38.3 57.5

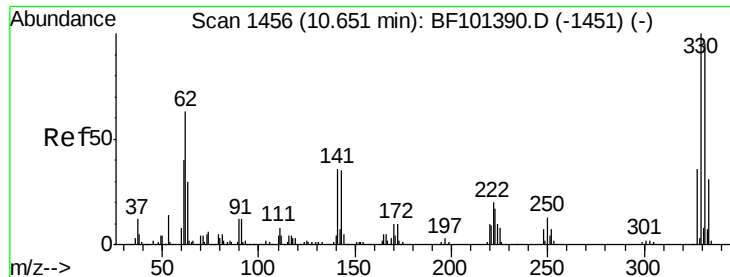


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

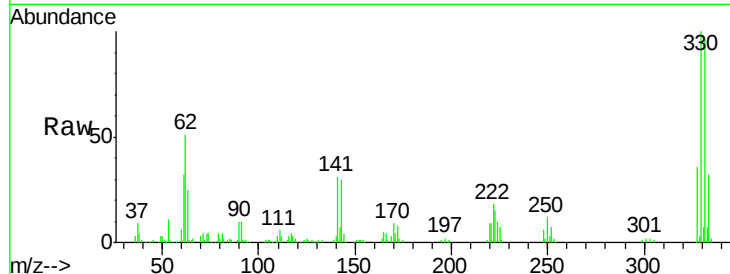




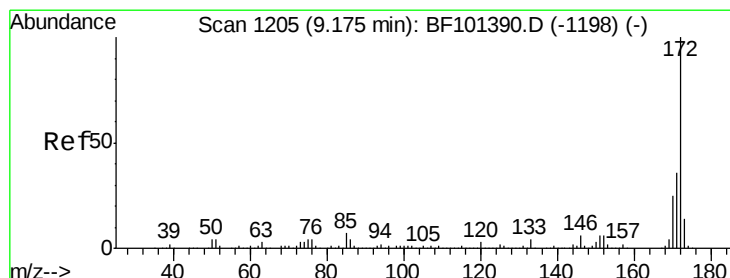
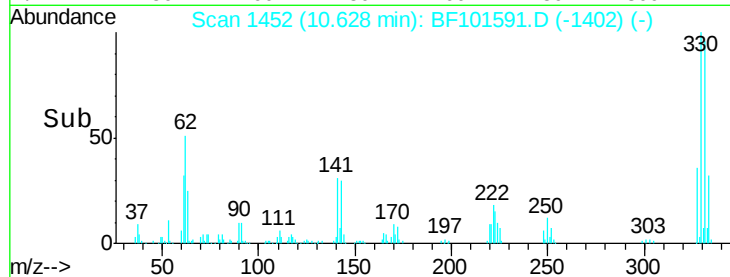
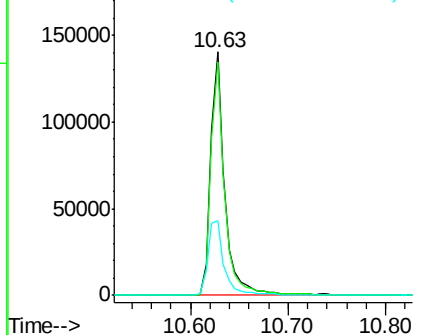
#41
 2,4,6-Tribromophenol
 Concen: 72.291 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101591.D
 Acq: 21 Dec 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	35.5	29.9	44.9

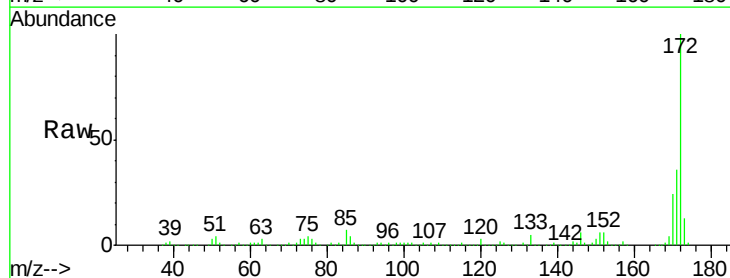


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

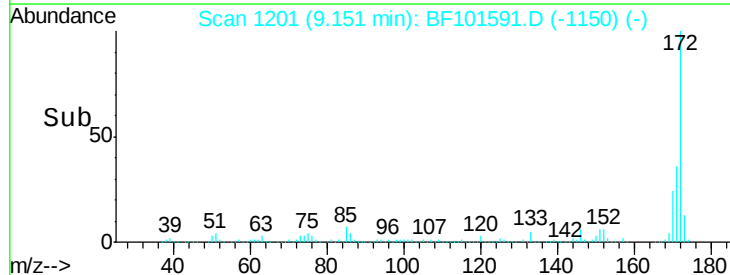
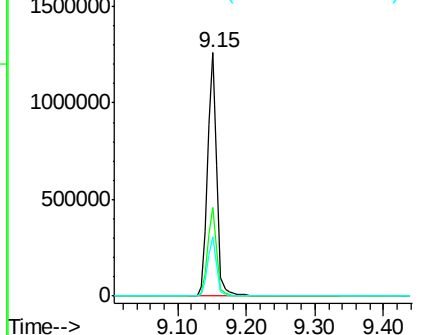


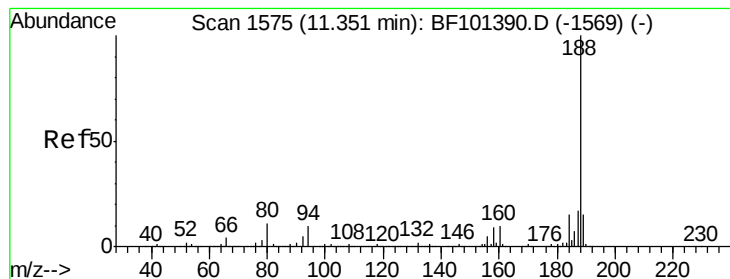
#44
 2-Fluorobiphenyl
 Concen: 93.234 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101591.D
 Acq: 21 Dec 2017 6:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101591.D

Acq: 21 Dec 2017 6:06

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-D-S

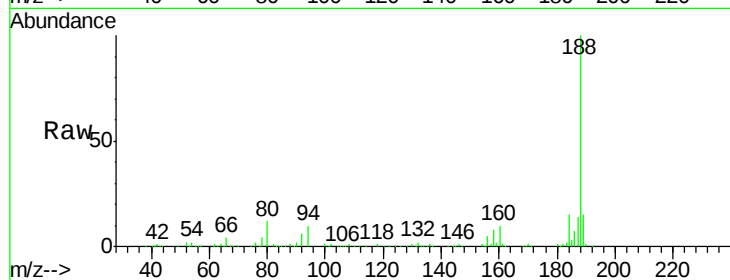
Tgt Ion:188 Resp: 323800

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

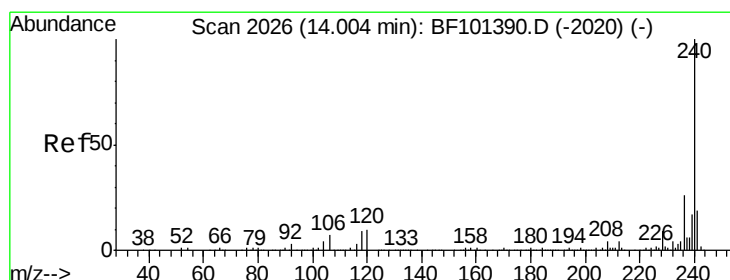
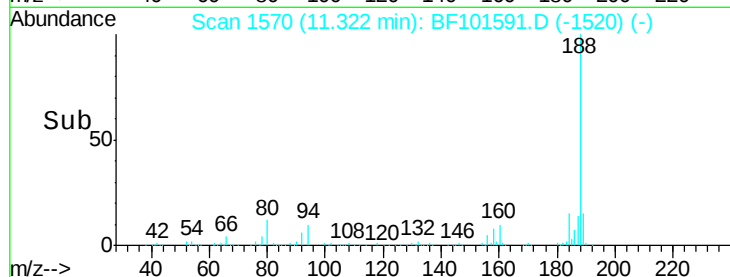
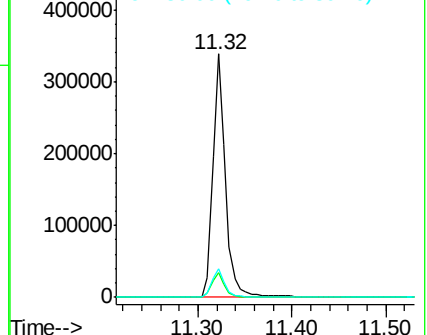
80 11.6 9.2 13.8



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101591.D

Acq: 21 Dec 2017 6:06

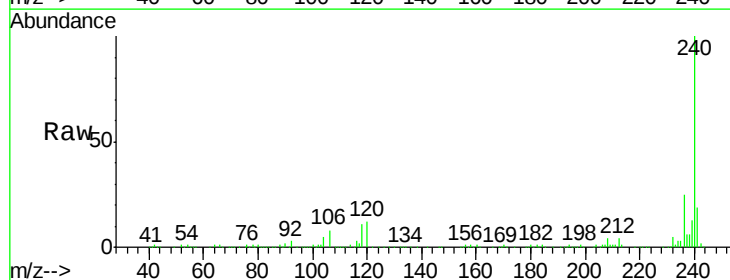
Tgt Ion:240 Resp: 324366

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

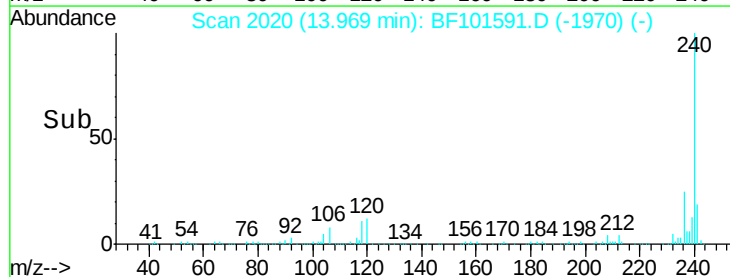
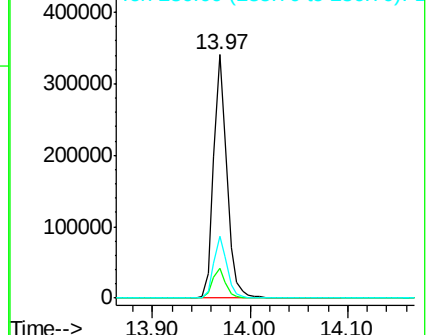
236 25.5 20.7 31.1

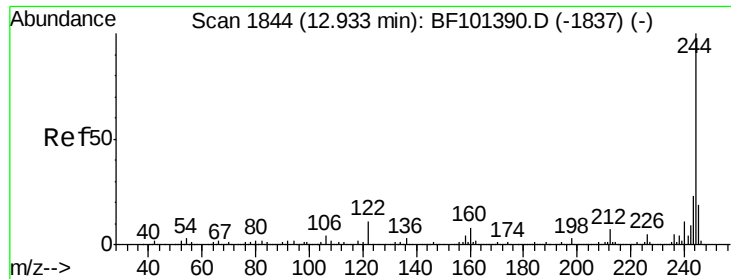


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

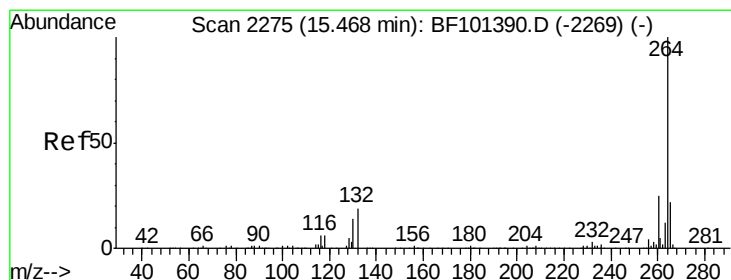
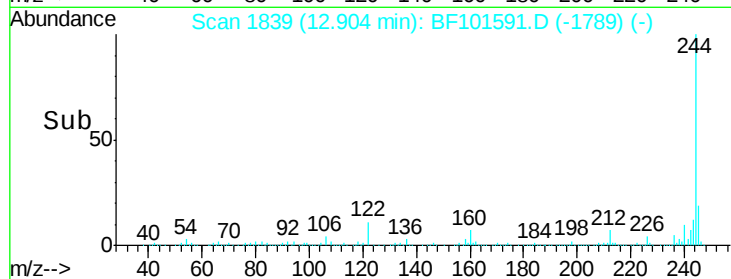
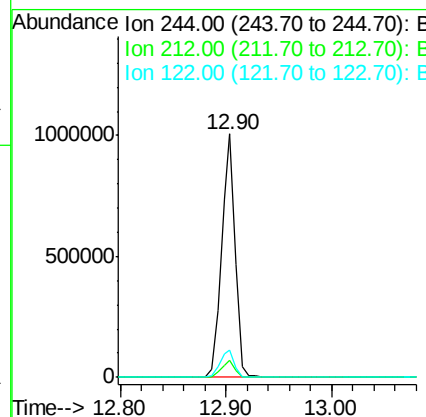
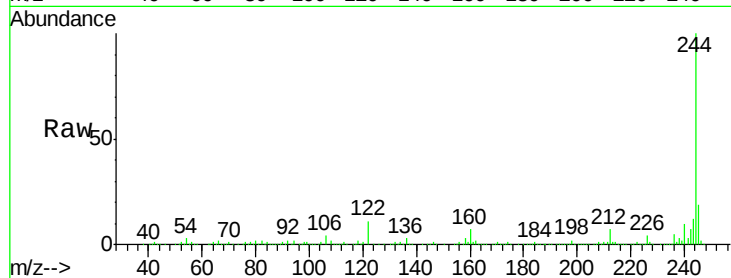




#78
 Terphenyl-d14
 Concen: 68.120 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101591.D
 Acq: 21 Dec 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-D-S

Tgt Ion:244 Resp: 916543
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF101591.D
 Acq: 21 Dec 2017 6:06

Tgt Ion:264 Resp: 347801
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.5 26.3

