

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101759.D
 Acq On : 27 Dec 2017 12:44
 Operator : SJ/JU
 Sample : I7010-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 122017-TIDO-F-U-S

Quant Time: Dec 27 13:56:11 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140037	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	509910	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	191822	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	312201	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287575	20.00	ng	0.00
86) Perylene-d12	15.44	264	228036	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	343376	36.53	ng	0.02
7) Phenol-d6	6.45	99	255477	21.84	ng	0.01
23) Nitrobenzene-d5	7.36	82	845831	92.34	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	150255	81.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1300084	105.14	ng	0.00
78) Terphenyl-d14	12.90	244	1015339	85.12	ng	0.00

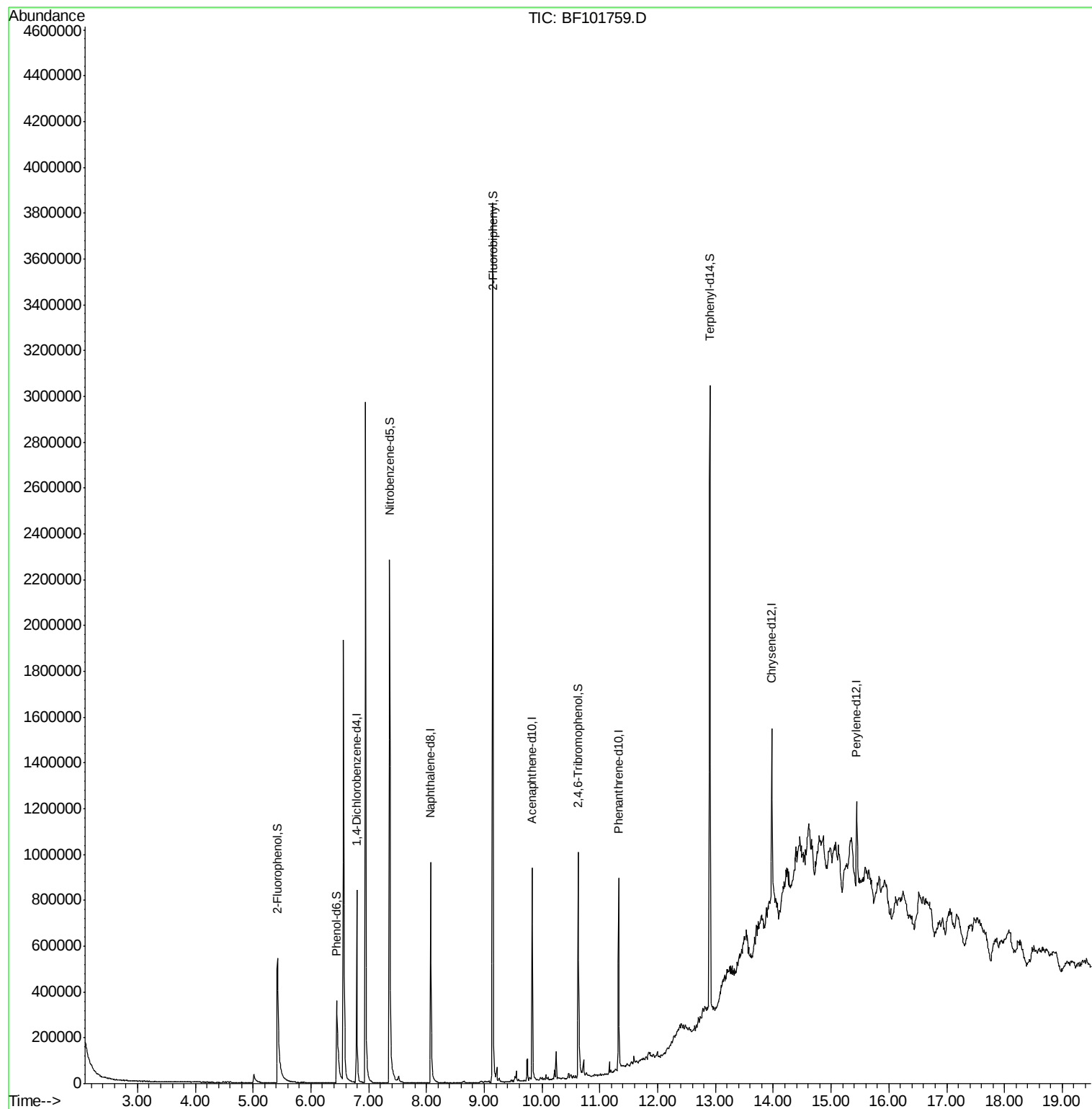
Target Compounds	Qvalue
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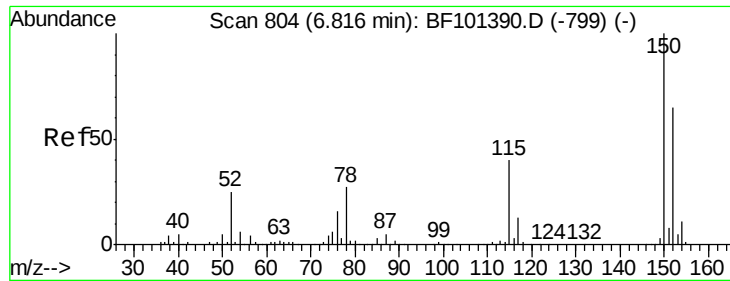
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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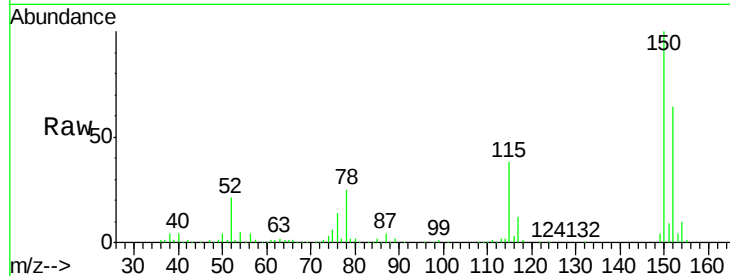


#1

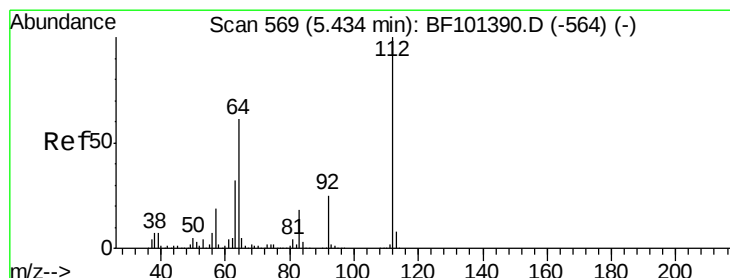
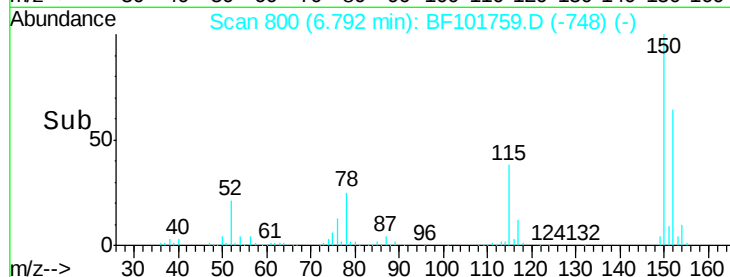
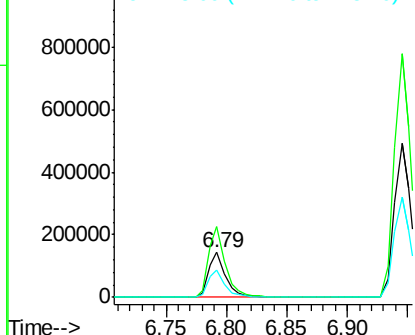
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101759.D
Acq: 27 Dec 2017 12:44

Instrument :
BNA_F
ClientSampleId :
122017-TIDO-F-U-S

Tgt Ion:152 Resp: 140037
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 59.6 50.1 75.1



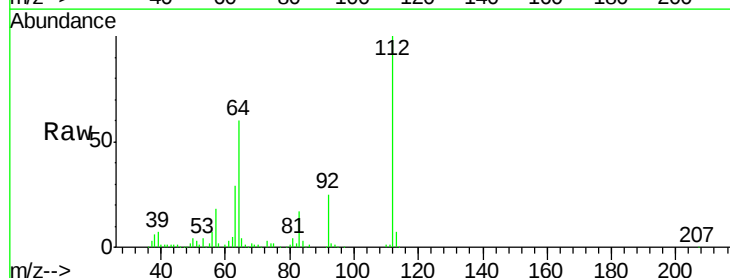
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



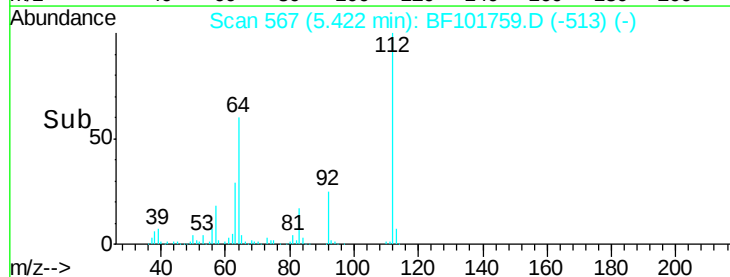
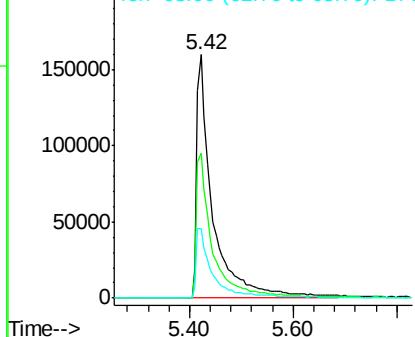
#5

2-Fluorophenol
Concen: 36.525 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101759.D
Acq: 27 Dec 2017 12:44

Tgt Ion:112 Resp: 343376
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 28.8 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: 21.836 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

Instrument :

BNA_F

ClientSampleId :

122017-TIDO-F-U-S

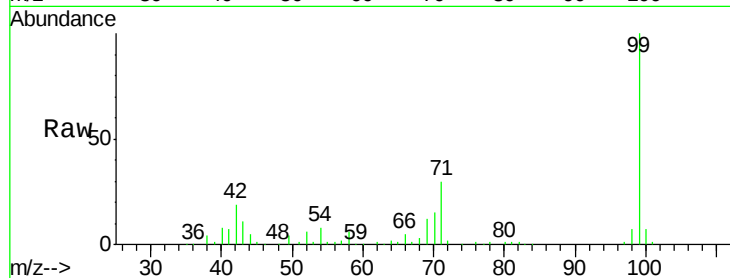
Tgt Ion: 99 Resp: 255477

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

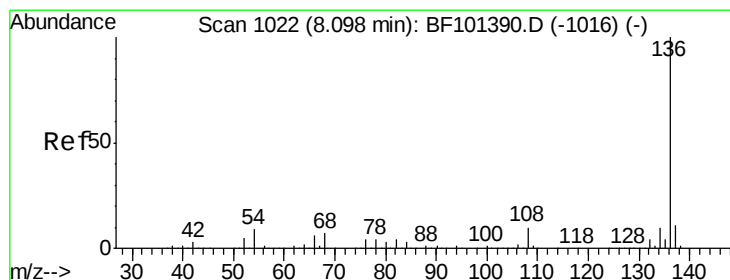
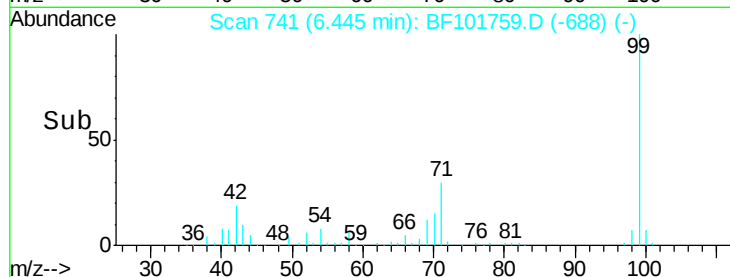
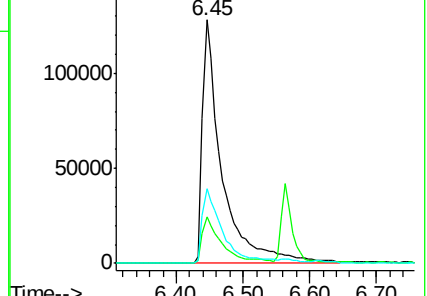
71 30.5 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

Tgt Ion: 136 Resp: 509910

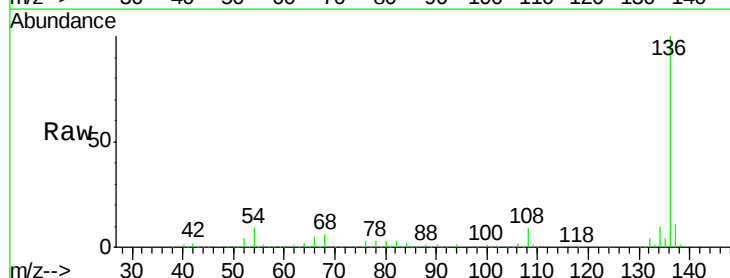
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.7 6.6 9.8

68 6.3 5.0 7.4

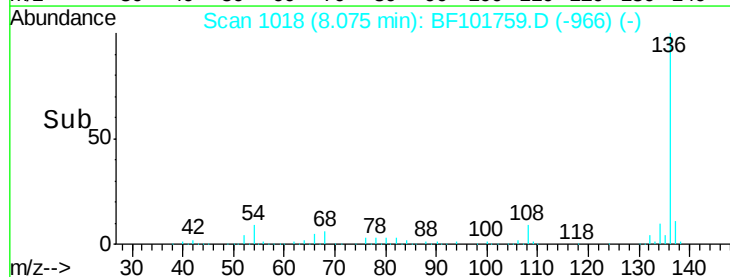
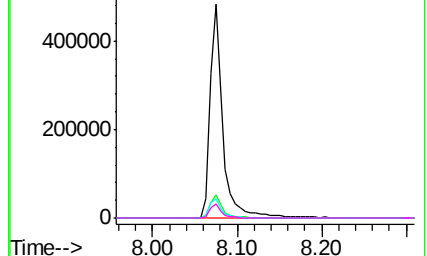


Abundance Ion 136.00 (135.70 to 136.70): E

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

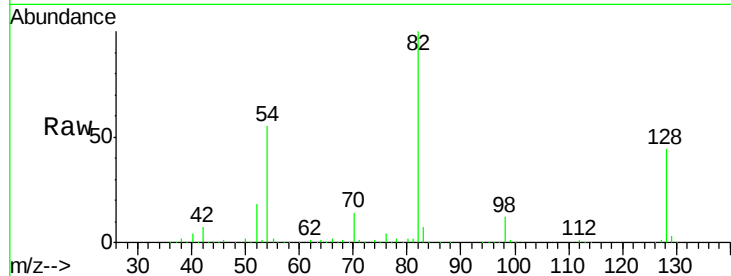




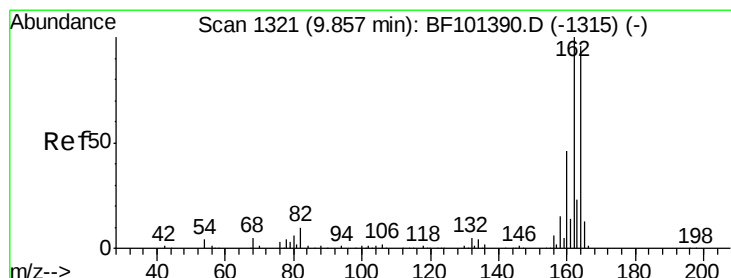
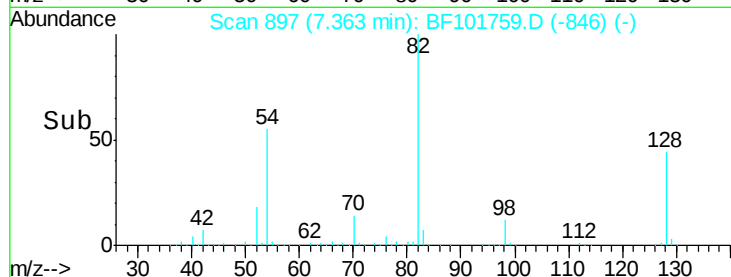
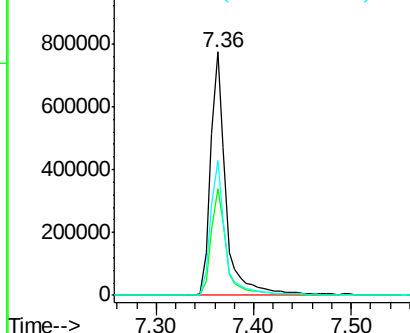
#23
 Nitrobenzene-d5
 Concen: 92.338 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101759.D
 Acq: 27 Dec 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 122017-TIDO-F-U-S

Tgt Ion: 82 Resp: 845831
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 55.2 41.4 62.2

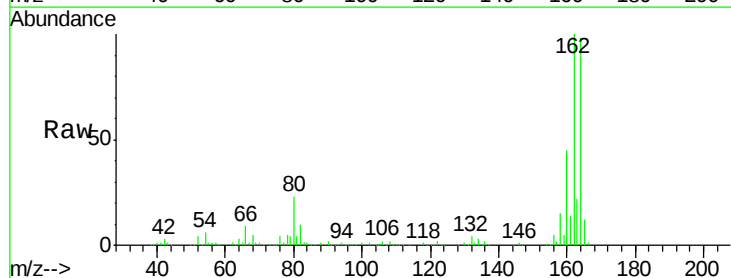


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

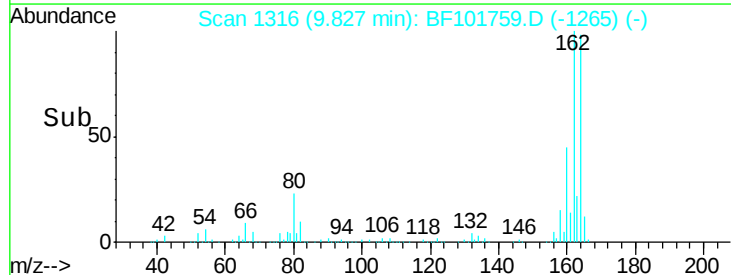
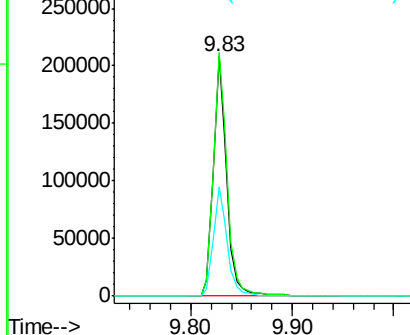


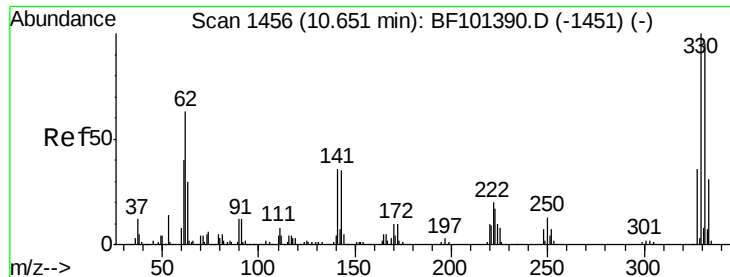
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF101759.D
 Acq: 27 Dec 2017 12:44

Tgt Ion: 164 Resp: 191822
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 45.8 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

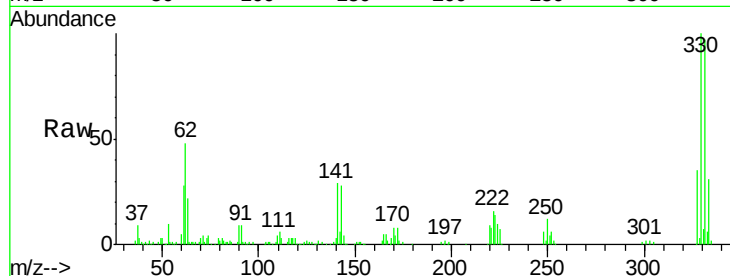




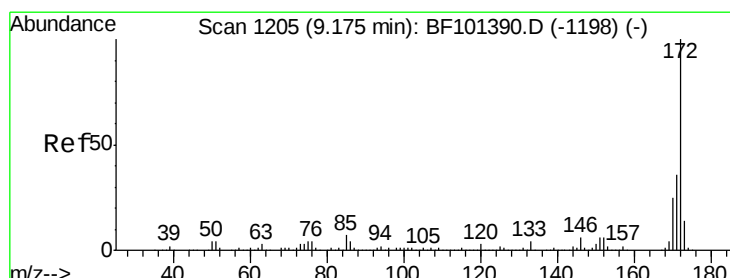
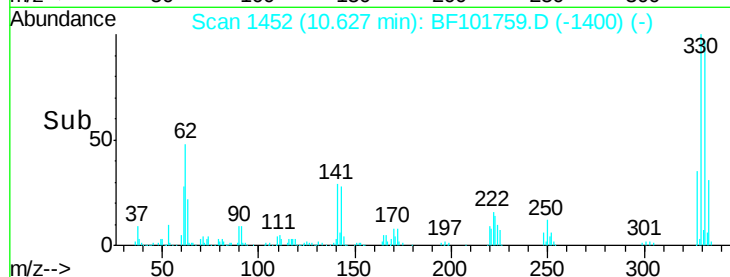
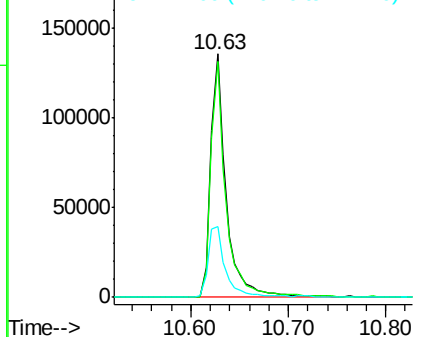
#41
 2,4,6-Tribromophenol
 Concen: 81.291 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101759.D
 Acq: 27 Dec 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :
 122017-TIDO-F-U-S

Tgt Ion: 330 Resp: 150255
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.7 29.9 44.9

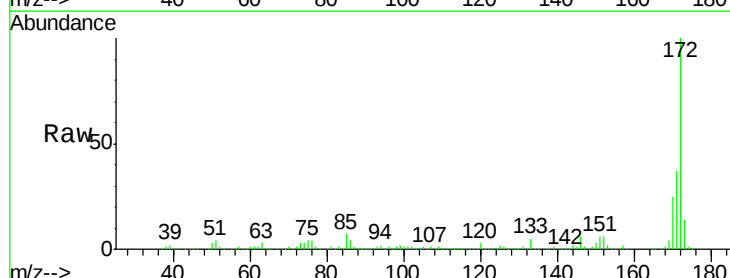


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

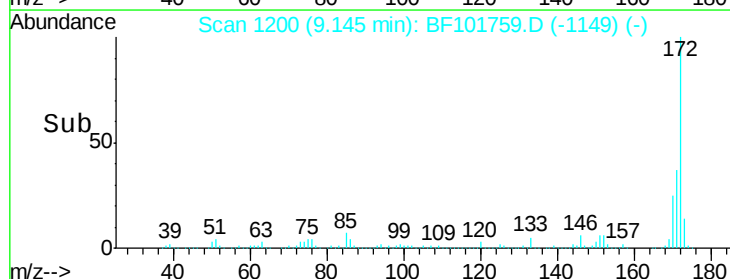
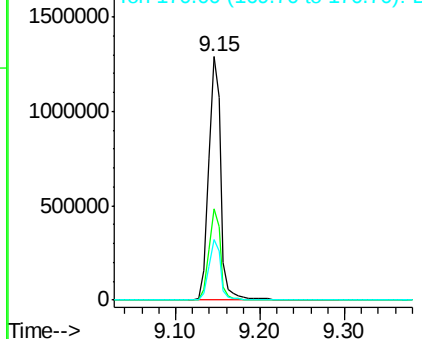


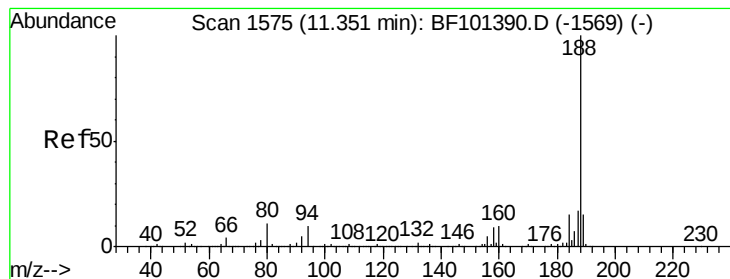
#44
 2-Fluorobiphenyl
 Concen: 105.136 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101759.D
 Acq: 27 Dec 2017 12:44

Tgt Ion: 172 Resp: 1300084
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.9 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: BF101759.D

Acq: 27 Dec 2017 12:44

Instrument :

BNA_F

ClientSampleId :

122017-TIDO-F-U-S

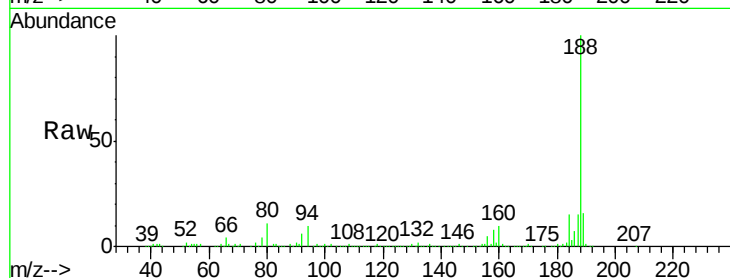
Tgt Ion:188 Resp: 312201

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

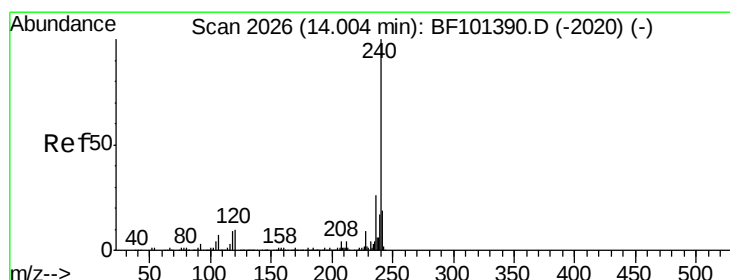
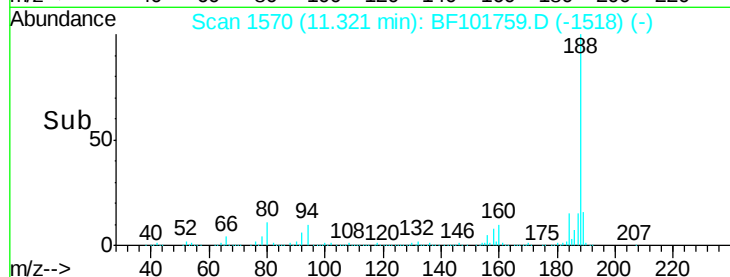
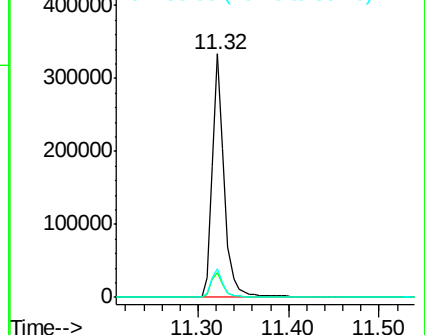
80 11.5 9.2 13.8



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# 2021

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

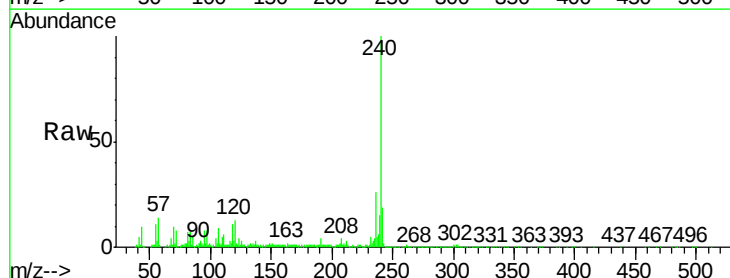
Tgt Ion:240 Resp: 287575

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

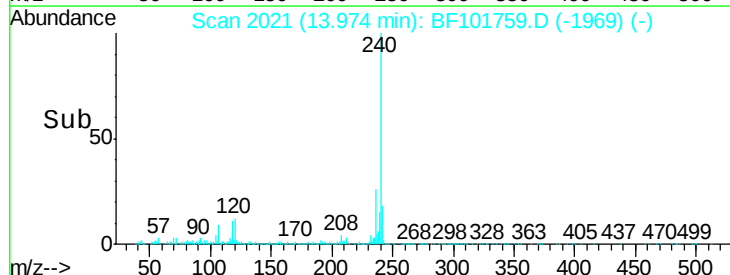
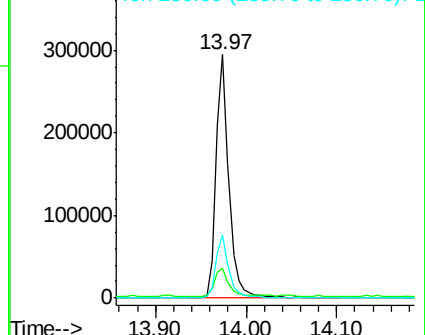
236 26.0 20.7 31.1

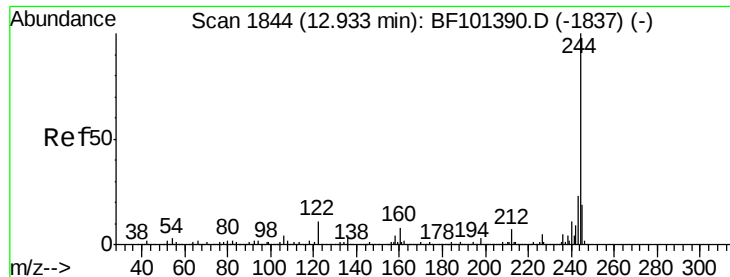


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.117 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

Instrument :

BNA_F

ClientSampleId :

122017-TIDO-F-U-S

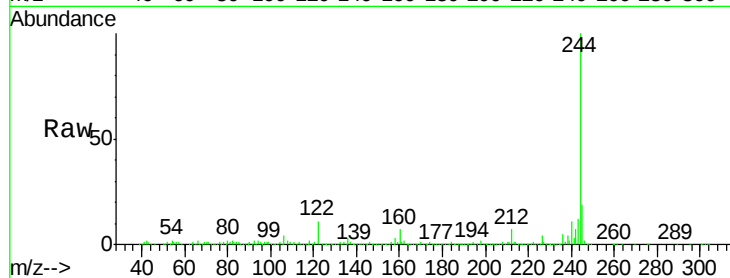
Tgt Ion:244 Resp: 1015339

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

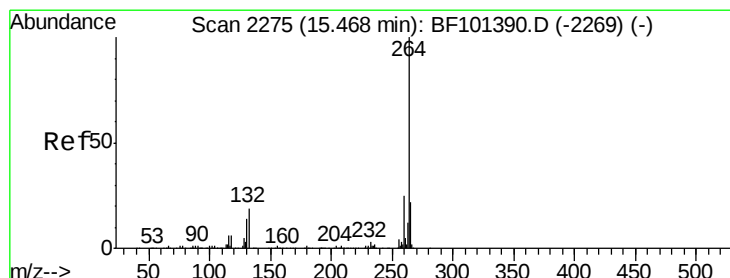
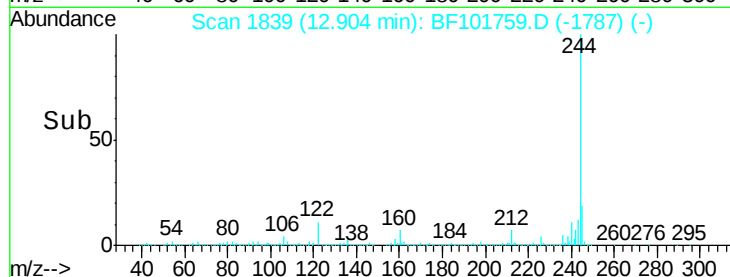
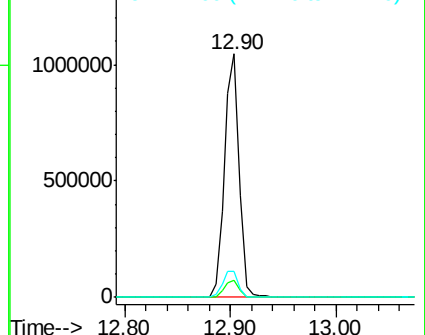
122 10.8 11.0 16.4#



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: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

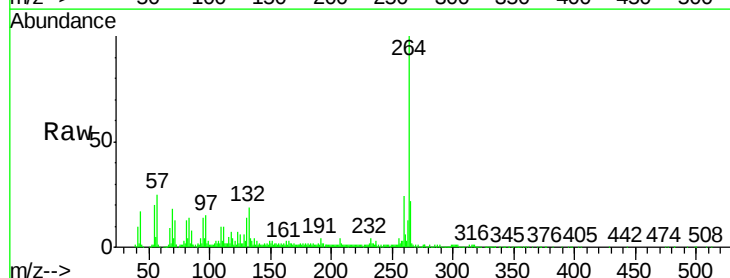
Tgt Ion:264 Resp: 228036

Ion Ratio Lower Upper

264 100

260 23.9 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

