

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101592.D
 Acq On : 21 Dec 2017 6:32
 Operator : SJ/JU
 Sample : I6971-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-U-B

Quant Time: Dec 21 08:06:42 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	145486	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	563096	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	222828	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	352481	20.00	ng	0.00
75) Chrysene-d12	13.97	240	295294	20.00	ng	0.00
86) Perylene-d12	15.43	264	320930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	390790	40.01	ng	0.00
7) Phenol-d6	6.44	99	291909	24.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	804392	79.52	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	151089	70.37	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1234568	85.95	ng	0.00
78) Terphenyl-d14	12.90	244	864958	70.61	ng	0.00

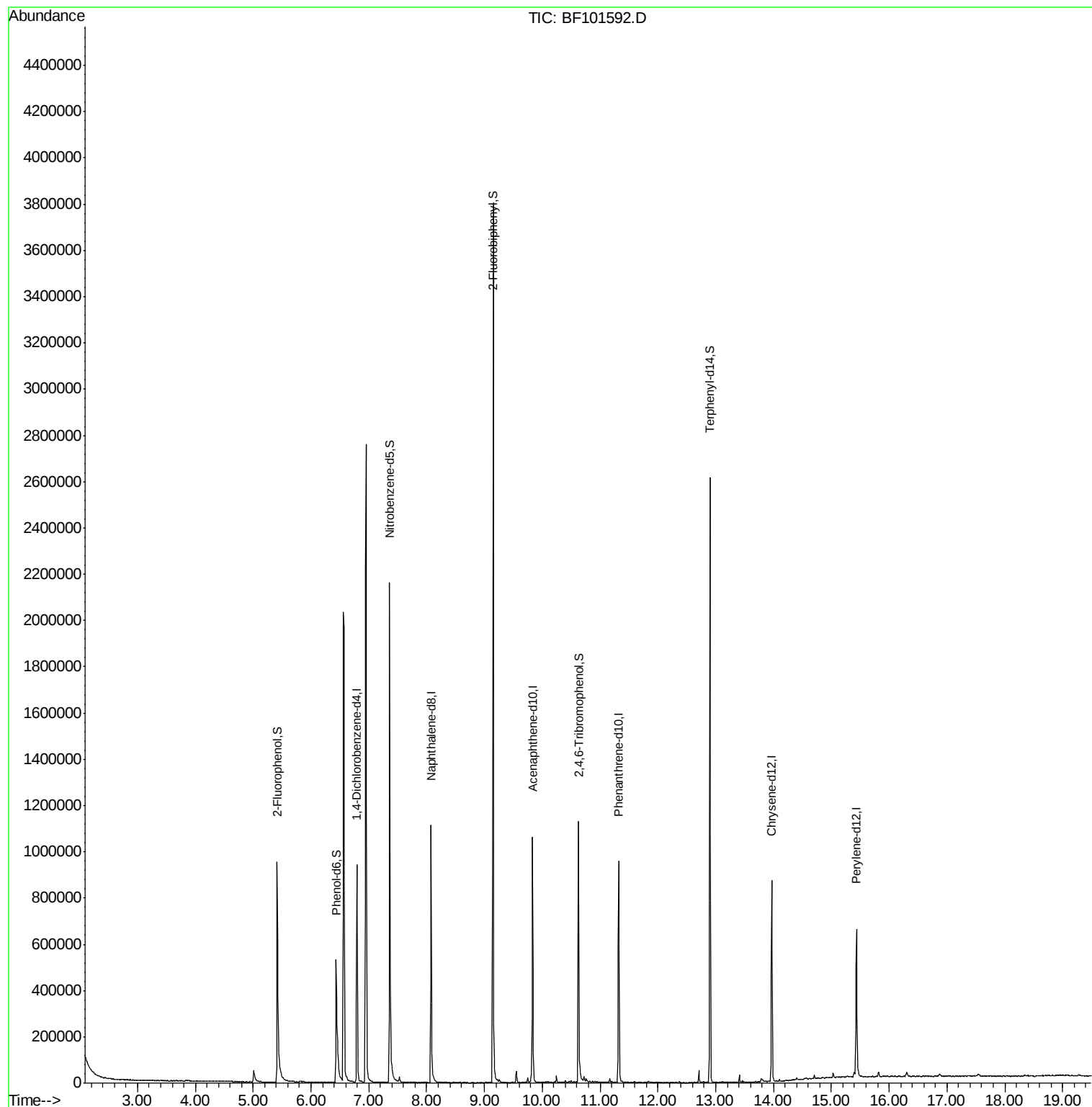
Target Compounds	Qvalue
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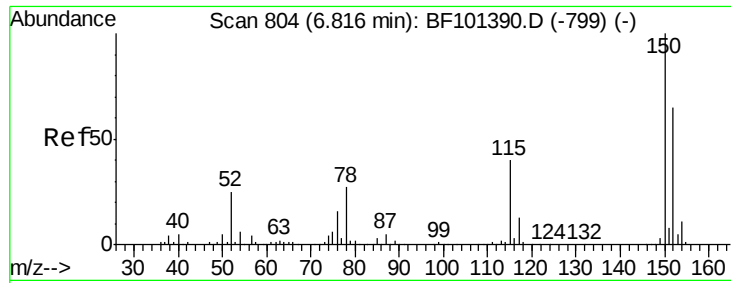
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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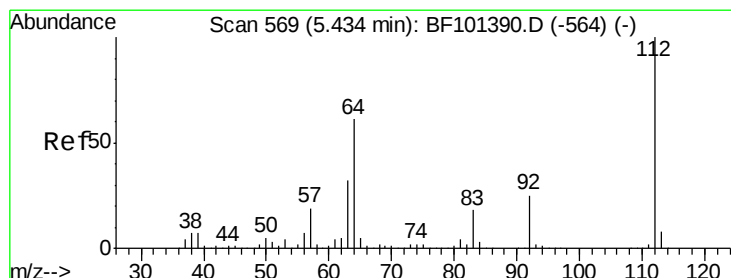
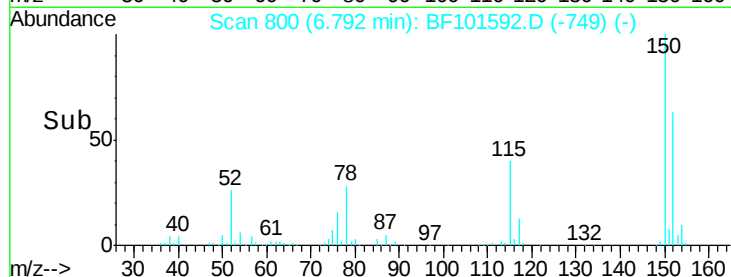
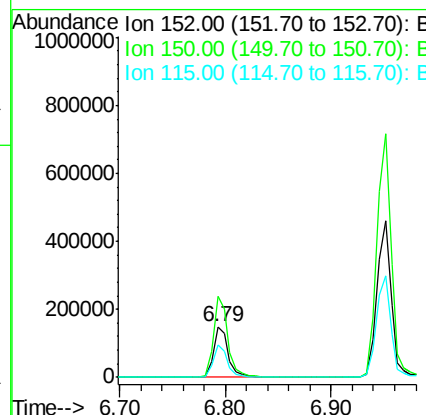
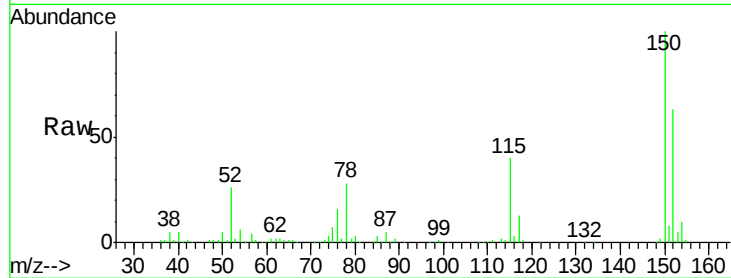




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101592.D
 Acq: 21 Dec 2017 6:32

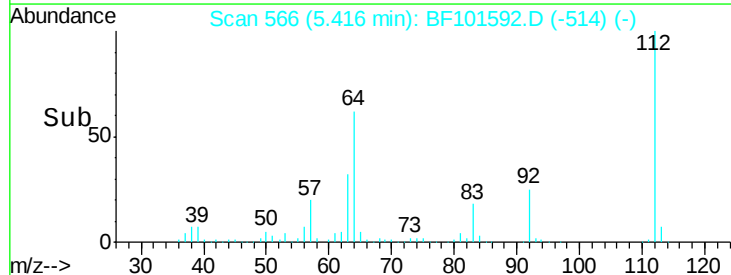
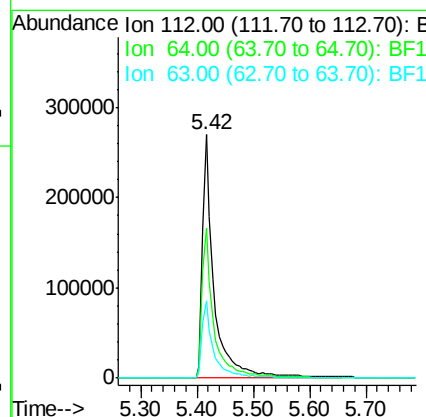
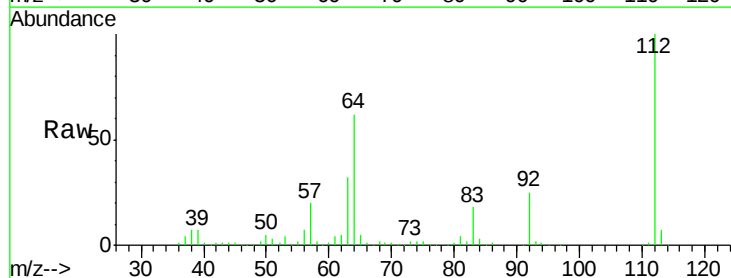
Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-U-B

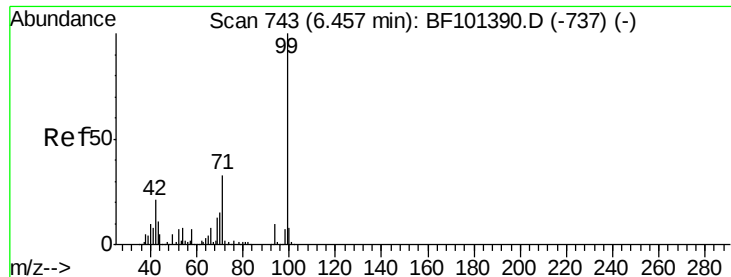
Tgt Ion:152 Resp: 145486
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 64.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 40.012 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101592.D
 Acq: 21 Dec 2017 6:32

Tgt Ion:112 Resp: 390790
 Ion Ratio Lower Upper
 112 100
 64 61.8 47.9 71.9
 63 31.6 23.7 35.5





#7

Phenol-d6

Concen: 24.015 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-U-B

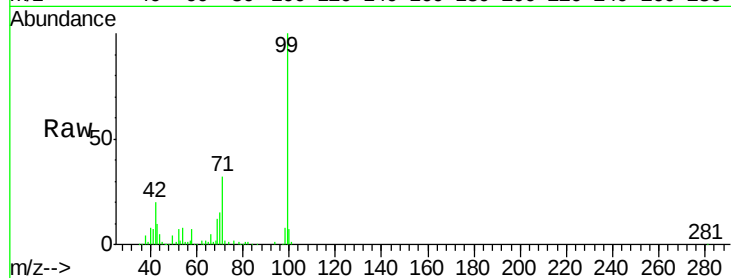
Tgt Ion: 99 Resp: 291909

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

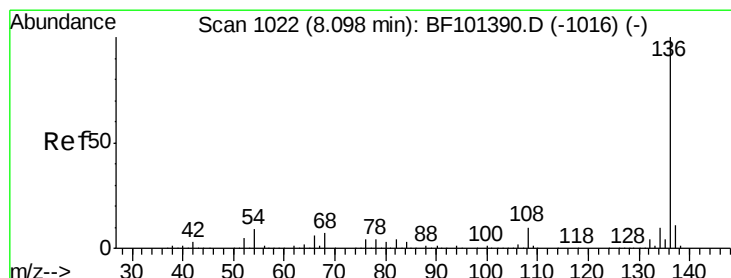
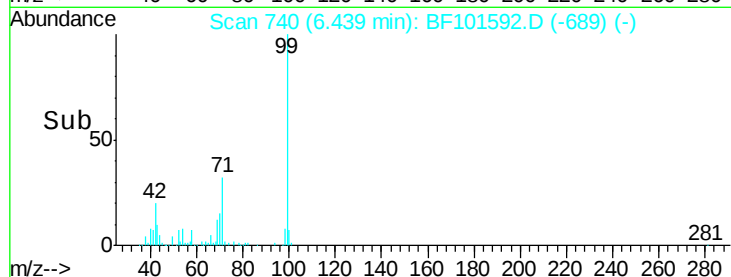
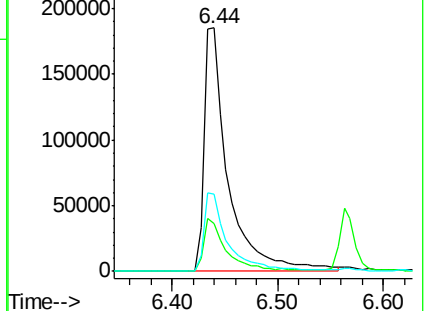
71 31.9 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

Tgt Ion: 136 Resp: 563096

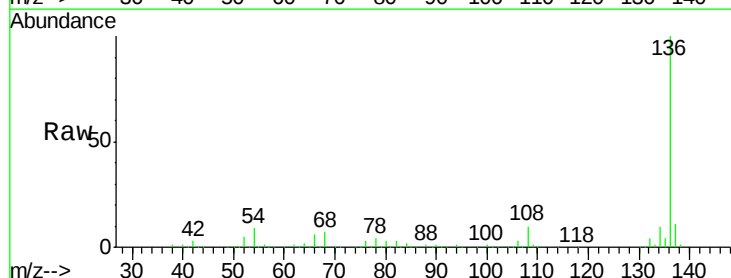
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.3 6.6 9.8

68 7.1 5.0 7.4

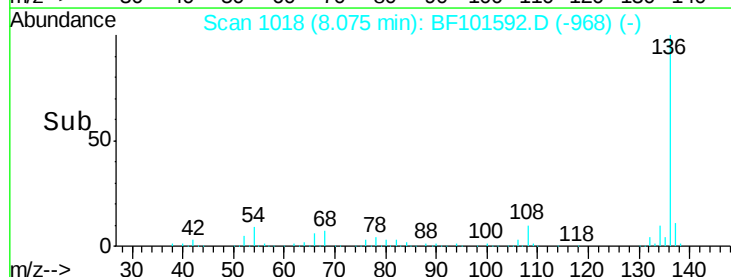
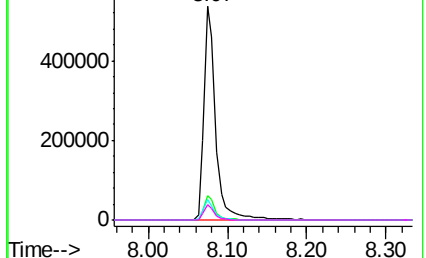


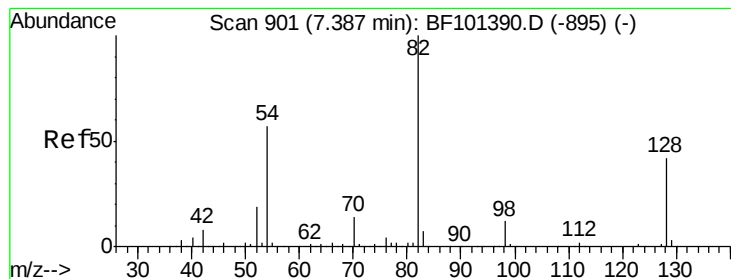
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.520 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-U-B

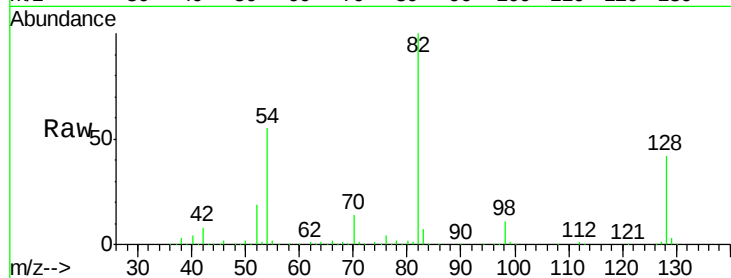
Tgt Ion: 82 Resp: 804392

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

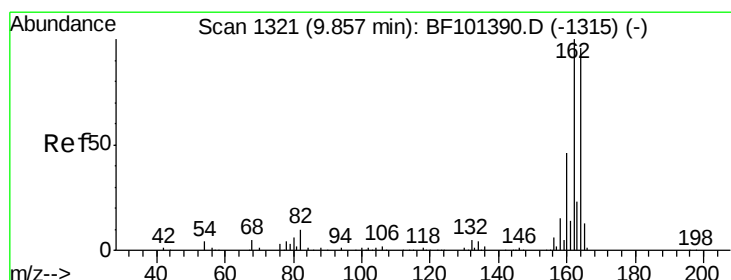
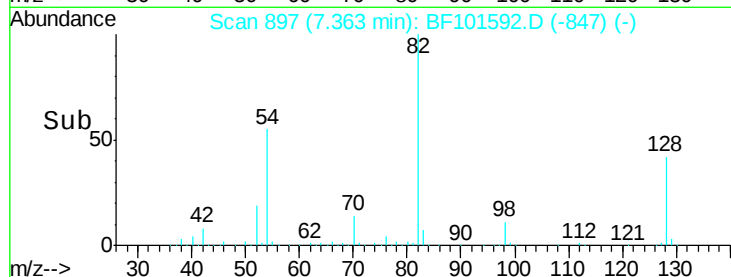
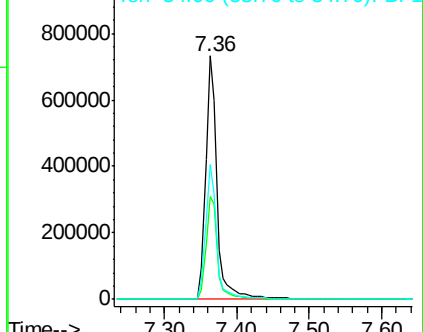
54 55.2 41.4 62.2



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# 1317

Delta R.T. -0.00 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

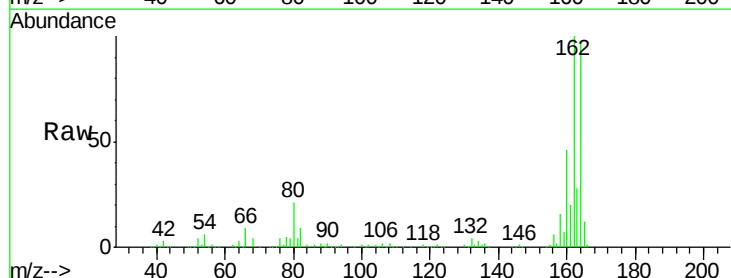
Tgt Ion: 164 Resp: 222828

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

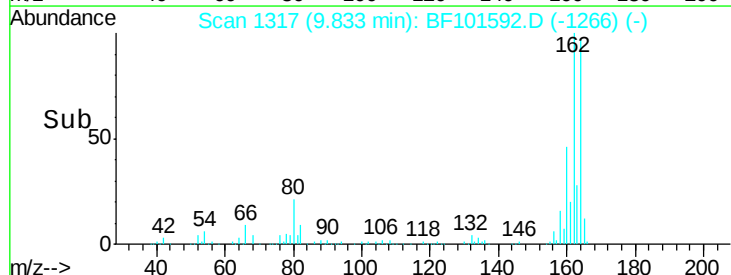
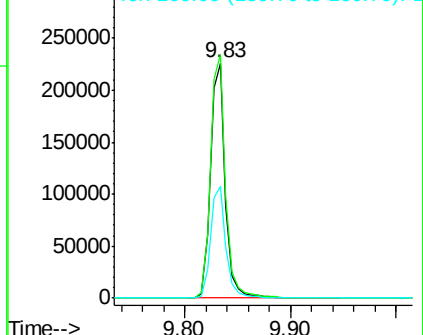
160 47.5 38.3 57.5

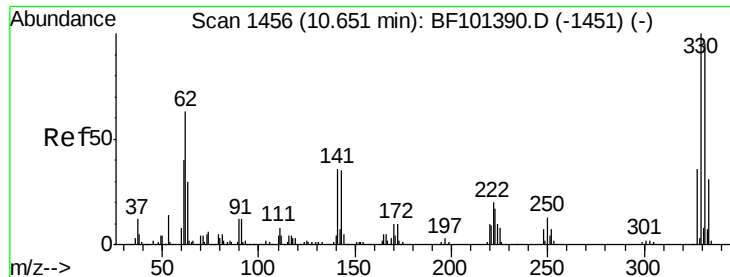


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

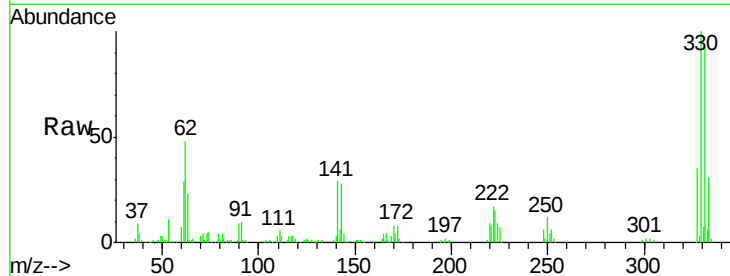




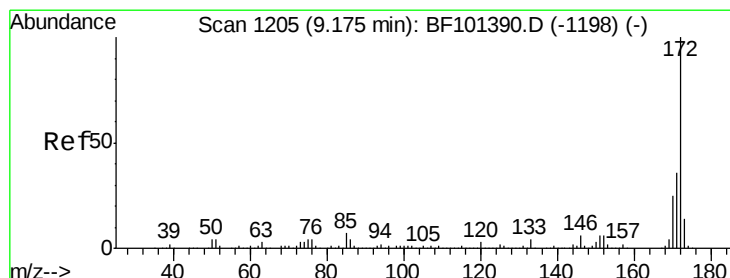
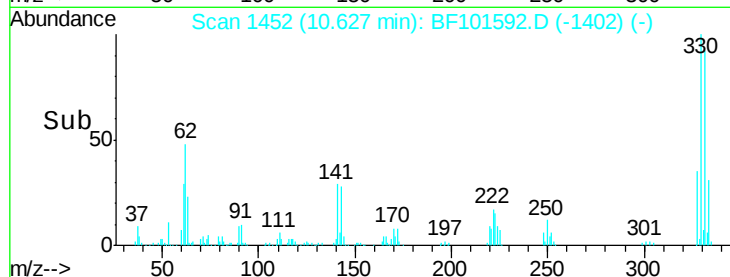
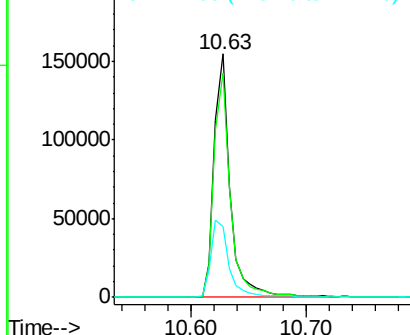
#41
 2,4,6-Tribromophenol
 Concen: 70.368 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101592.D
 Acq: 21 Dec 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-U-B

Tgt Ion: 330 Resp: 151089
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 35.9 29.9 44.9

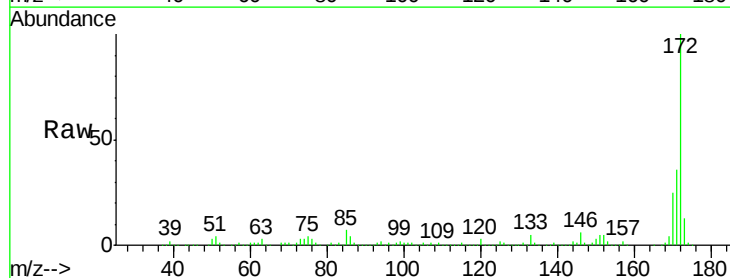


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

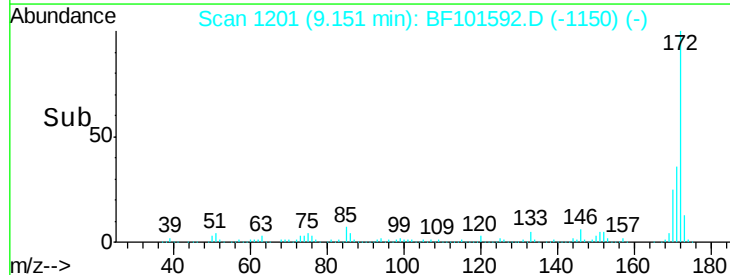
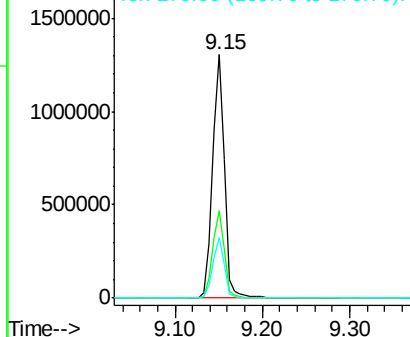


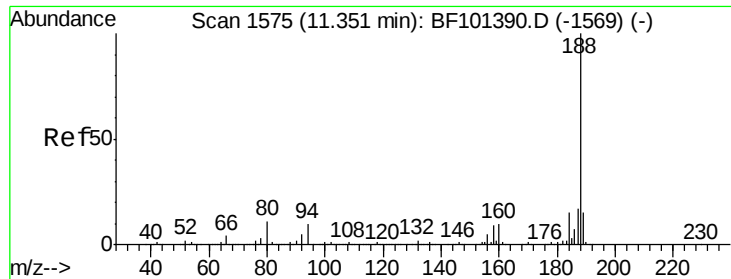
#44
 2-Fluorobiphenyl
 Concen: 85.946 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101592.D
 Acq: 21 Dec 2017 6:32

Tgt Ion: 172 Resp: 1234568
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.7 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

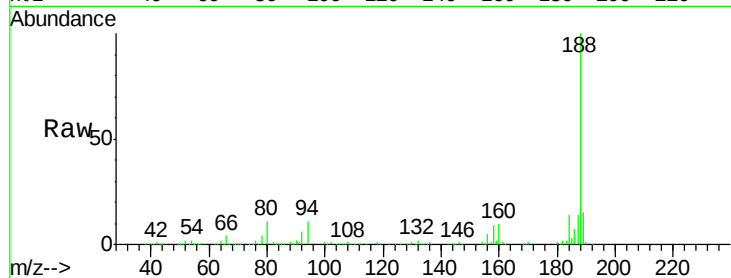




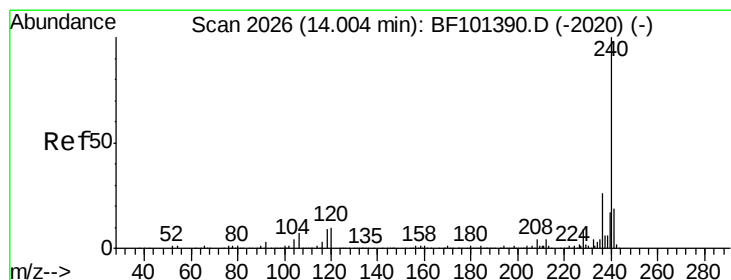
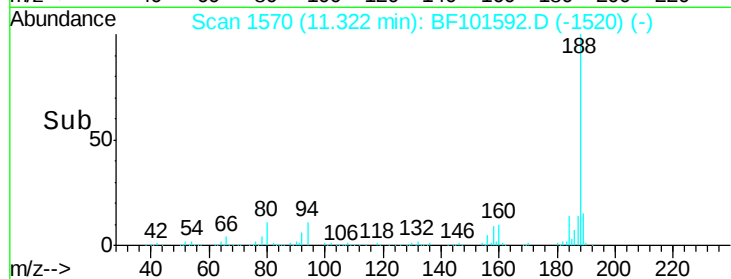
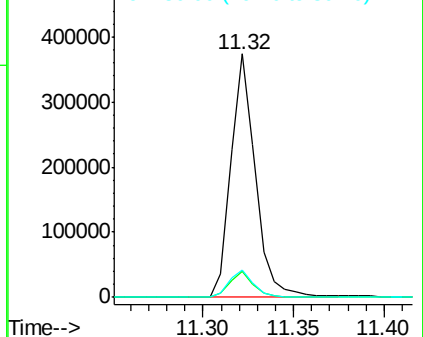
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

Instrument :
BNA_F
ClientSampleId :
121517-TIDO-F-U-B

Tgt Ion:188 Resp: 352481
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.2 9.2 13.8

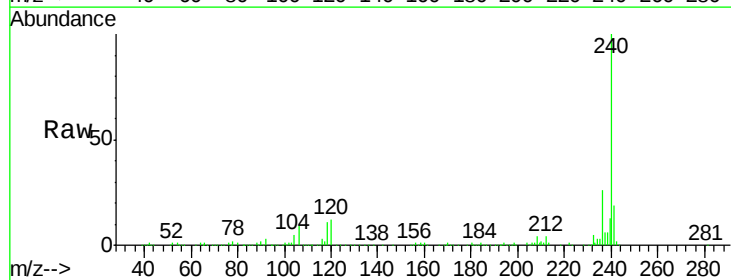


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

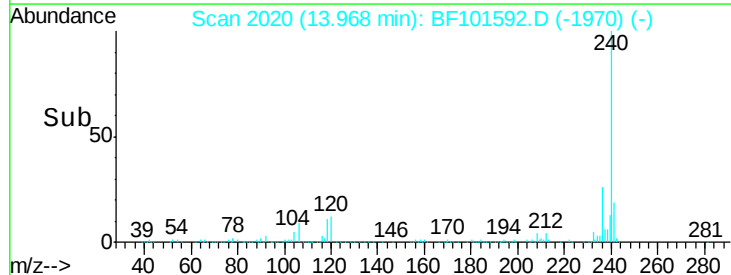
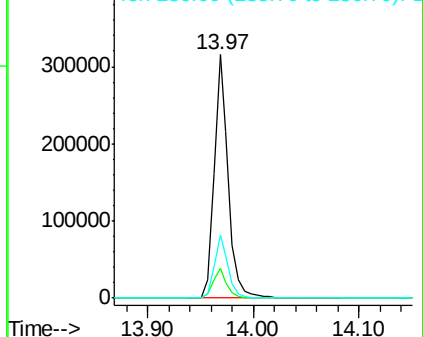


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

Tgt Ion:240 Resp: 295294
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.7 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: 70.615 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-U-B

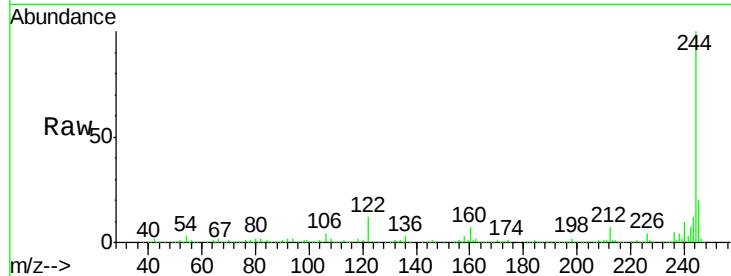
Tgt Ion:244 Resp: 864958

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

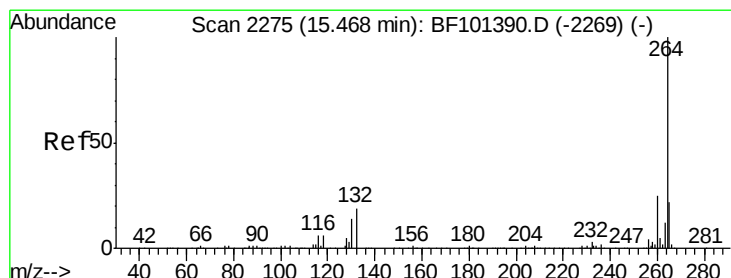
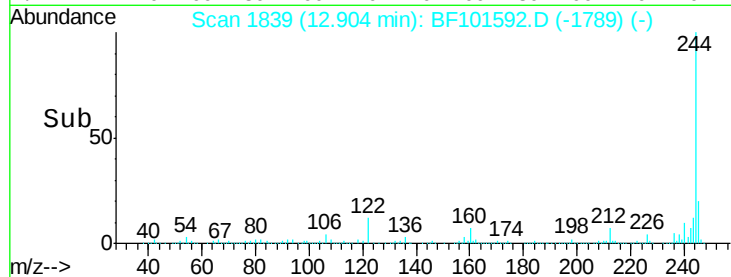
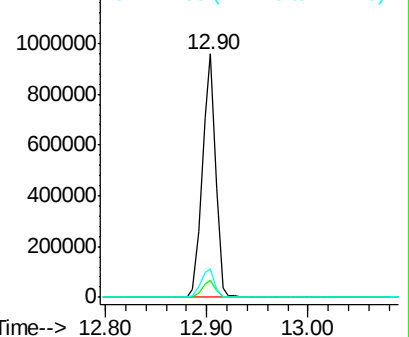
122 11.6 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

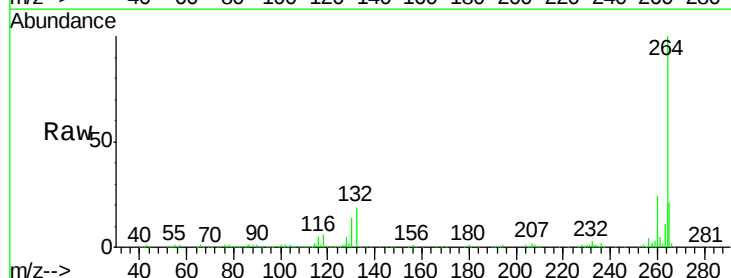
Tgt Ion:264 Resp: 320930

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

