

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101380.D
 Acq On : 13 Dec 2017 22:55
 Operator : SJ/JU
 Sample : I6816-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120717-TIDO-F-D-B

Quant Time: Dec 14 02:20:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	174291	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	708549	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	313642	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	568712	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	378468	20.00	ng	0.00
86) Perylene-d12	15.47	264	307764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	513024	48.64	ng	0.00
7) Phenol-d6	6.45	99	399184	31.17	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1062866	89.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	213578	56.69	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1731459	75.53	ng	-0.01
78) Terphenyl-d14	12.94	244	1488101	86.00	ng	0.00

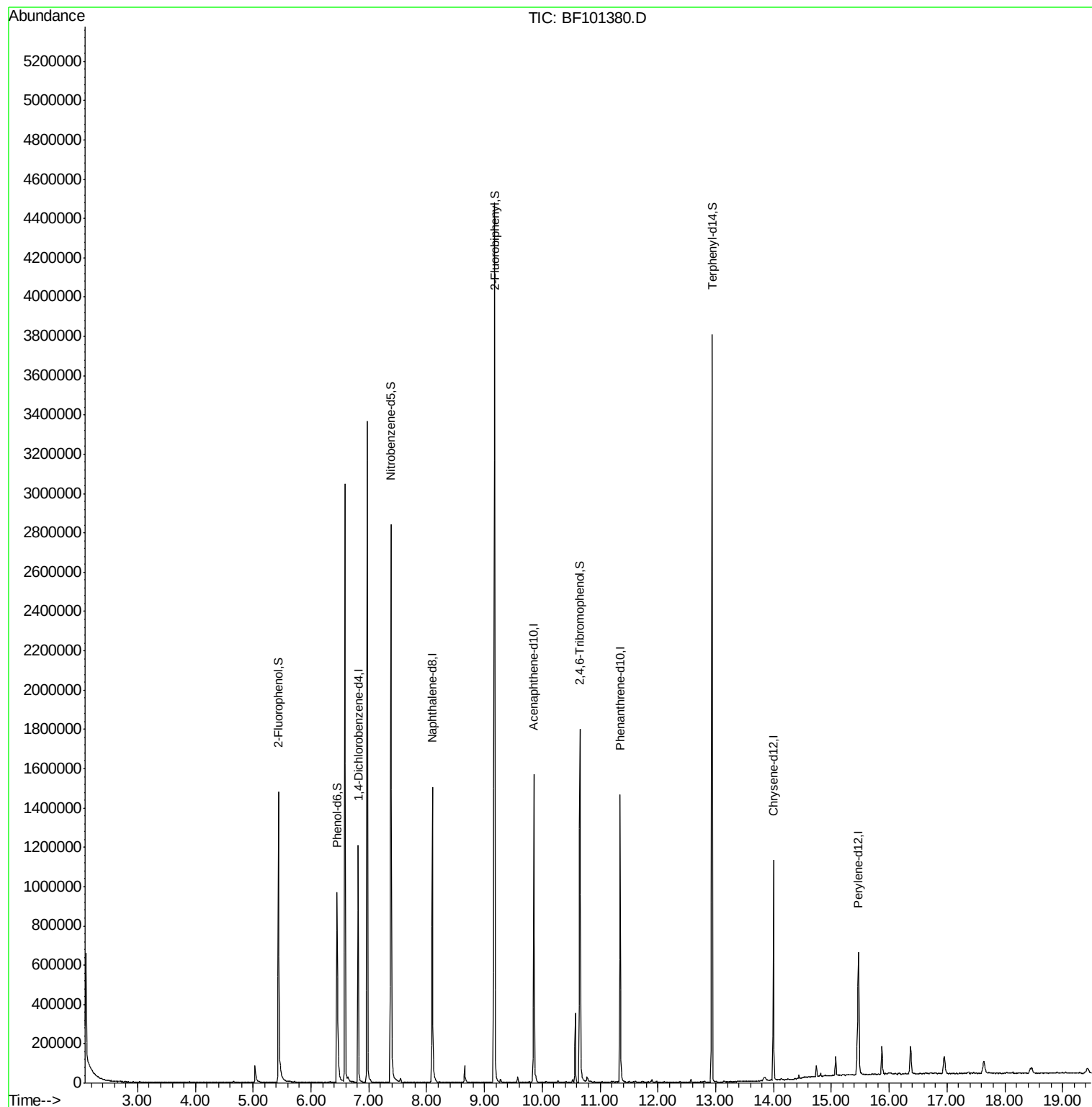
Target Compounds Qvalue

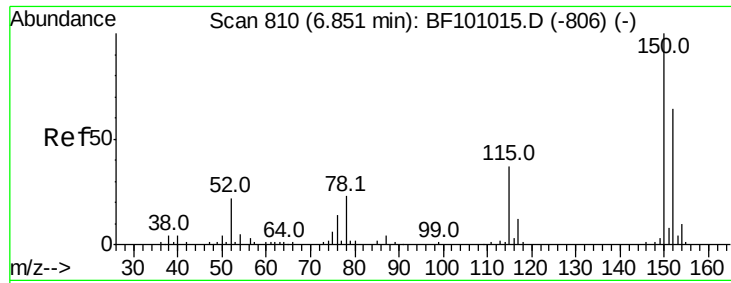
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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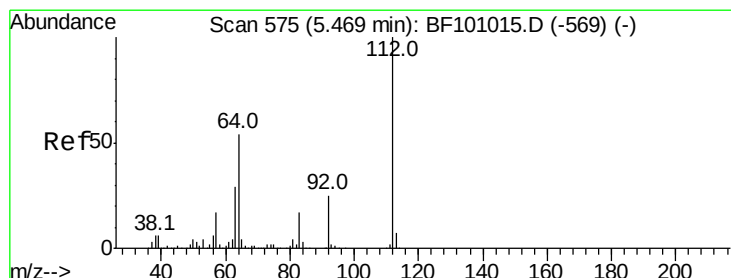
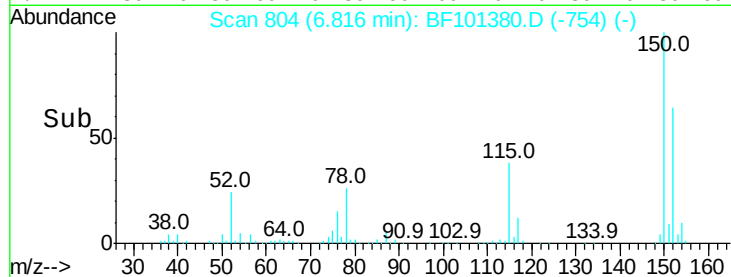
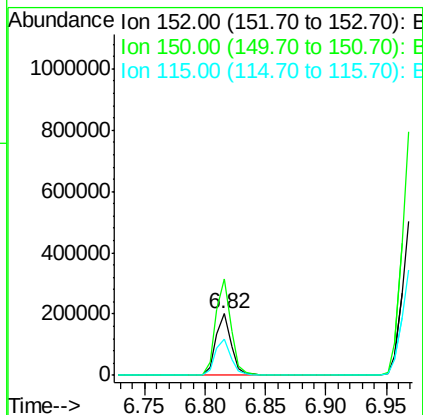
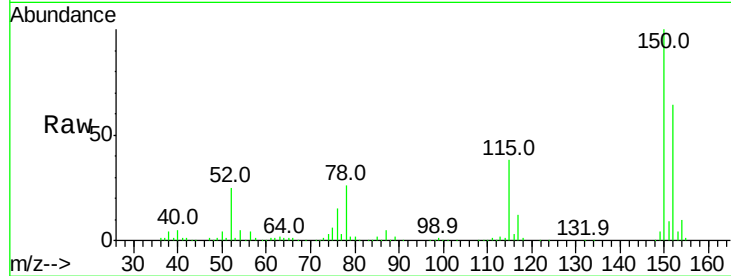


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101380.D
Acq: 13 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :
120717-TIDO-F-D-B

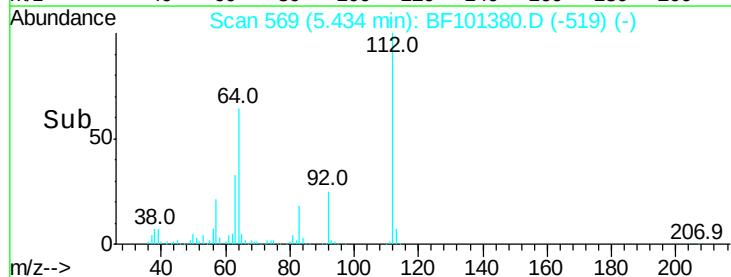
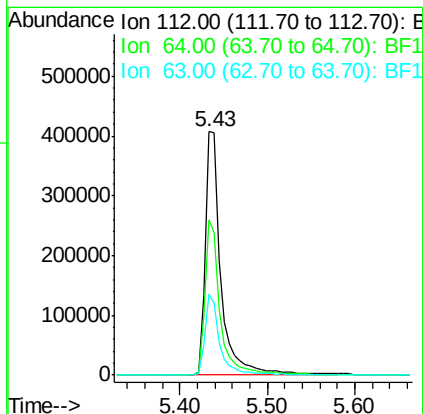
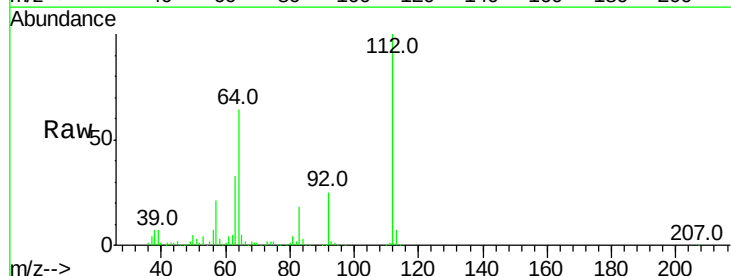
Tot Ion:152 Resp: 174291
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 59.7 50.1 75.1

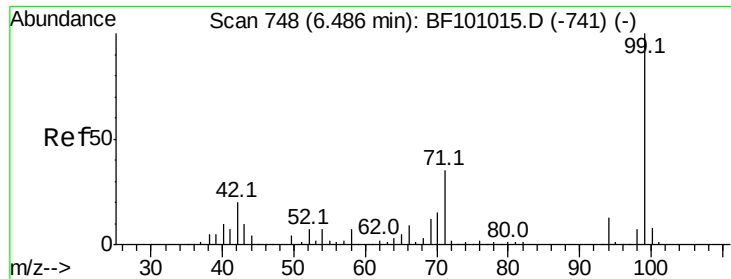


#5

2-Fluorophenol
Concen: 48.640 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101380.D
Acq: 13 Dec 2017 22:55

Tgt Ion:112 Resp: 513024
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 31.172 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101380.D

Acq: 13 Dec 2017 22:55

Instrument :

BNA_F

ClientSampleId :

120717-TIDO-F-D-B

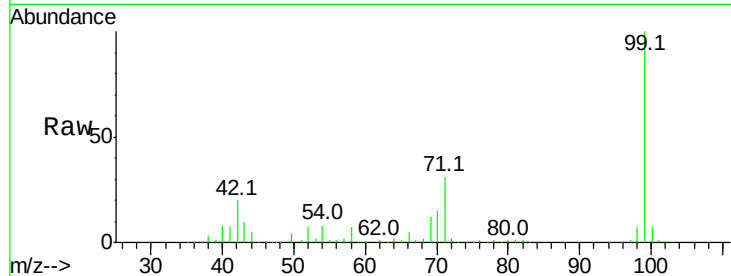
Tot Ion: 99 Resp: 399184

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

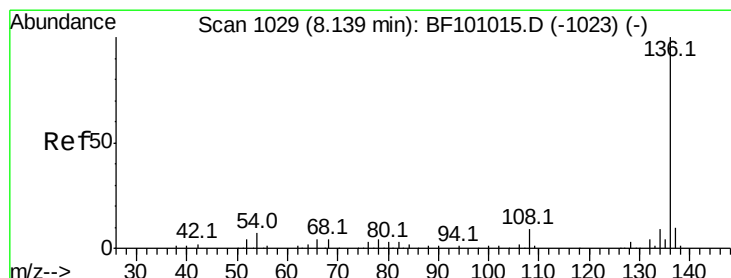
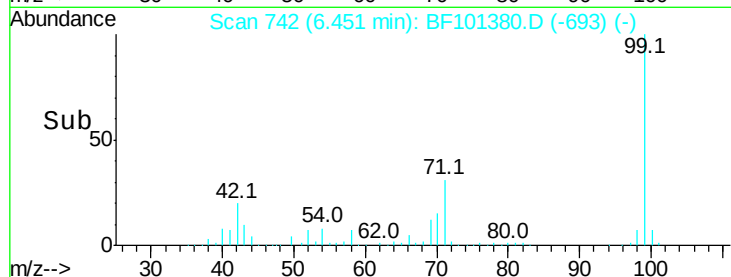
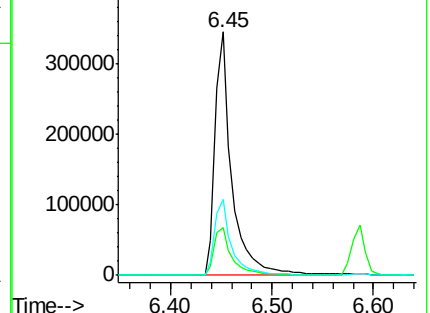
71 31.1 25.4 38.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101380.D

Acq: 13 Dec 2017 22:55

Tgt Ion: 136 Resp: 708549

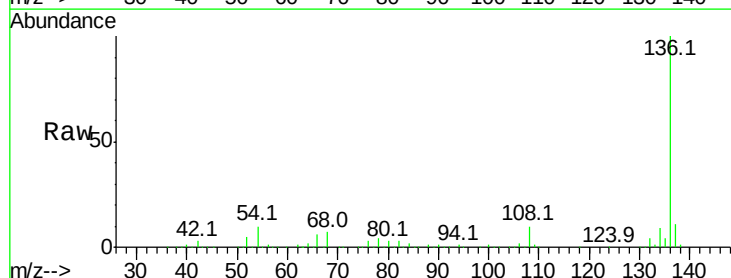
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.6 6.6 9.8

68 7.2 5.0 7.4

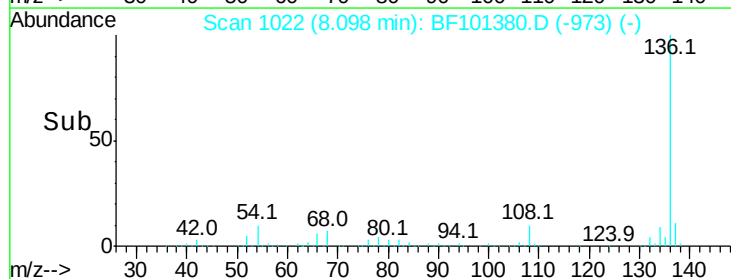
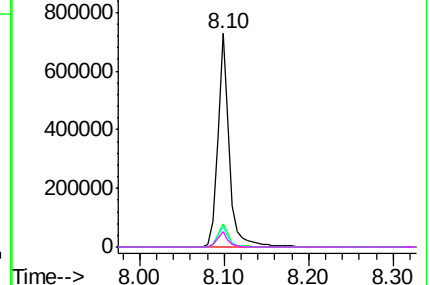


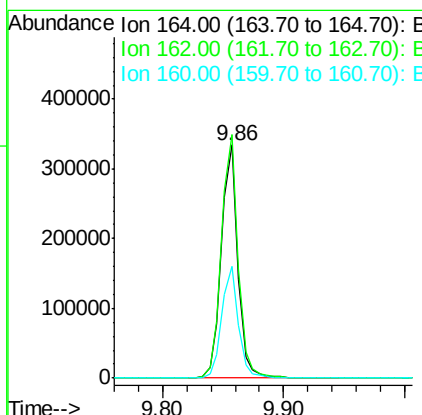
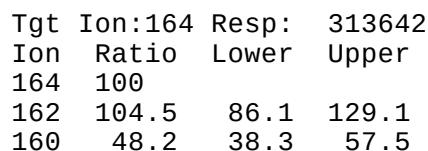
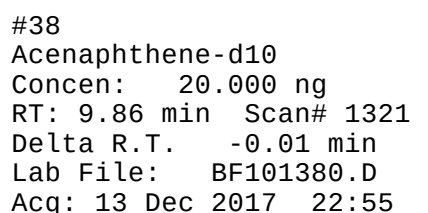
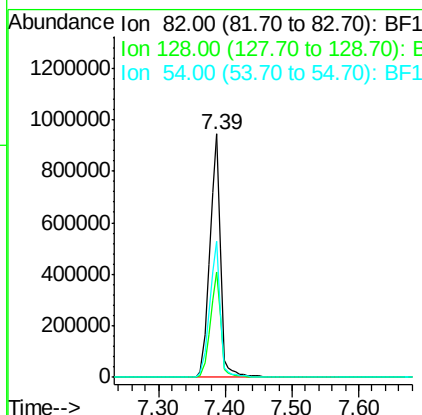
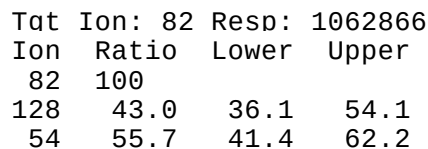
Abundance Ion 136.00 (135.70 to 136.70): E

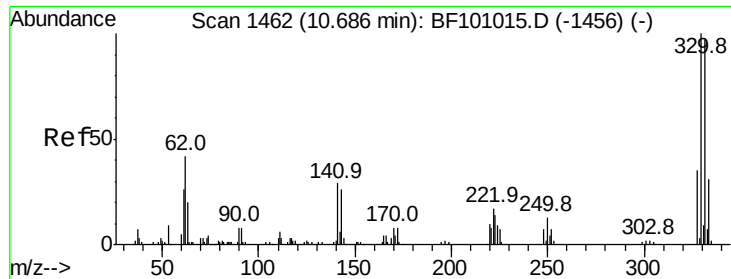
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1







#41

2,4,6-Tribromophenol

Concen: 56.686 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF101380.D

Acq: 13 Dec 2017 22:55

Instrument :

BNA_F

ClientSampleId :

120717-TIDO-F-D-B

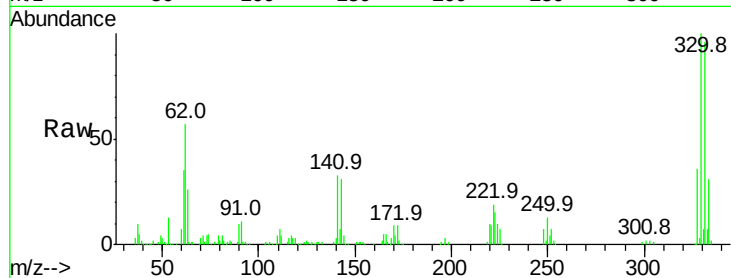
Tot Ion:330 Resp: 213578

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

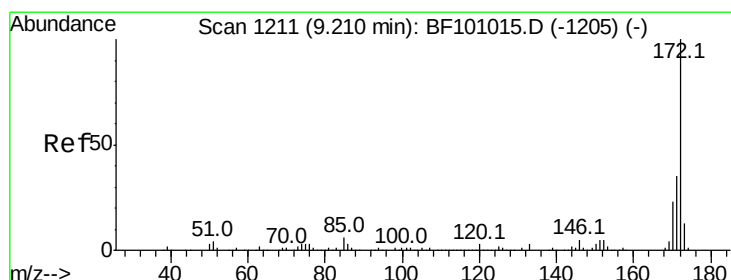
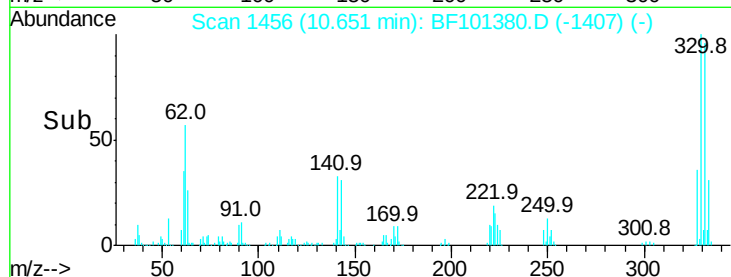
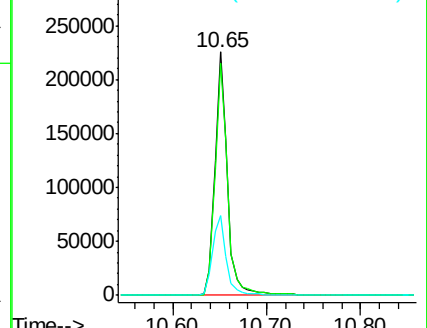
141 36.3 29.9 44.9



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: 75.531 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF101380.D

Acq: 13 Dec 2017 22:55

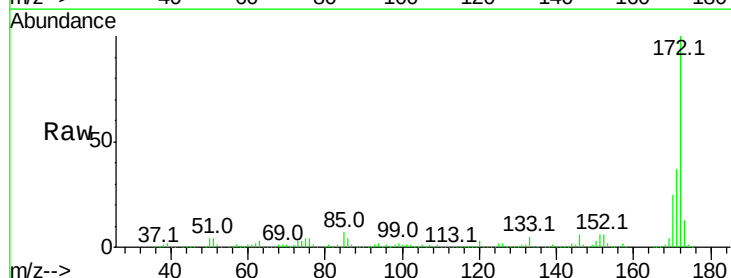
Tgt Ion:172 Resp: 1731459

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

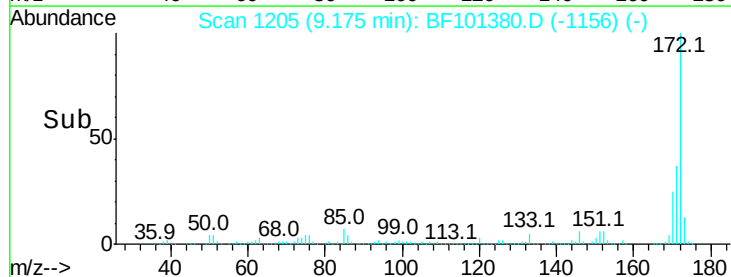
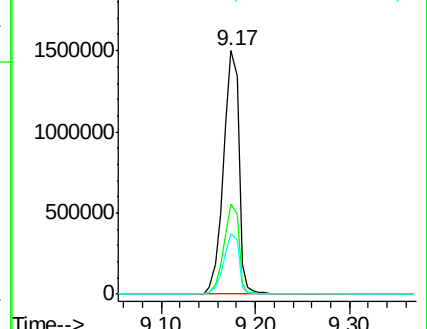
170 24.7 19.6 29.4

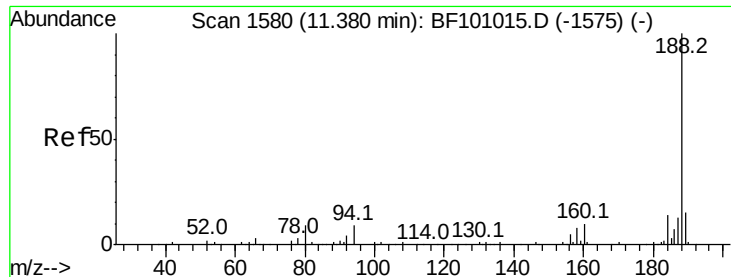


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

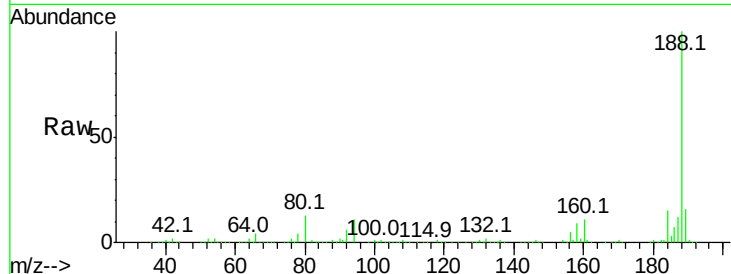




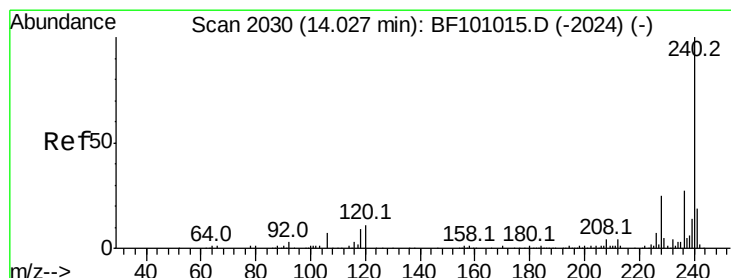
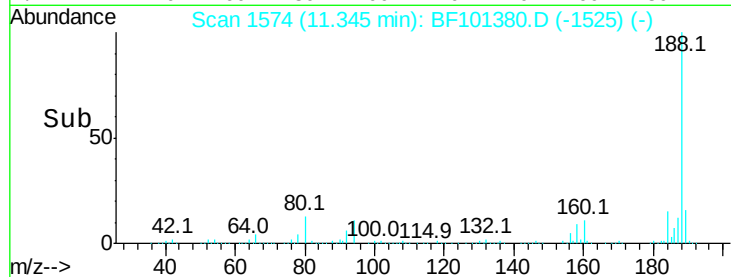
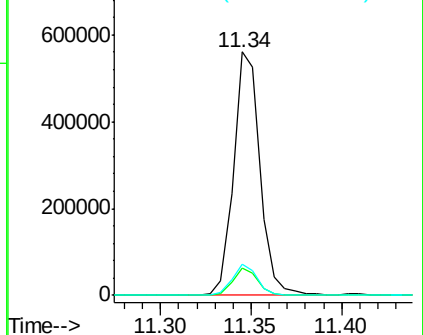
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101380.D
 Acq: 13 Dec 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :
 120717-TIDO-F-D-B

Tot Ion:188 Resp: 568712
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 13.0 9.2 13.8

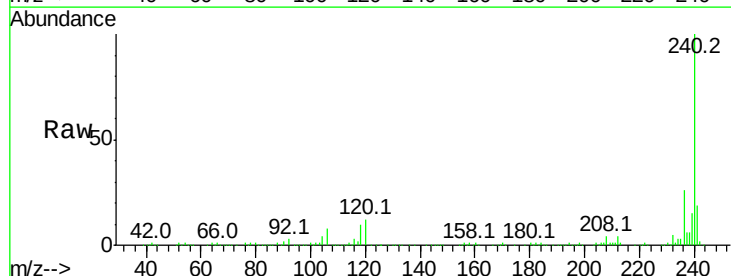


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

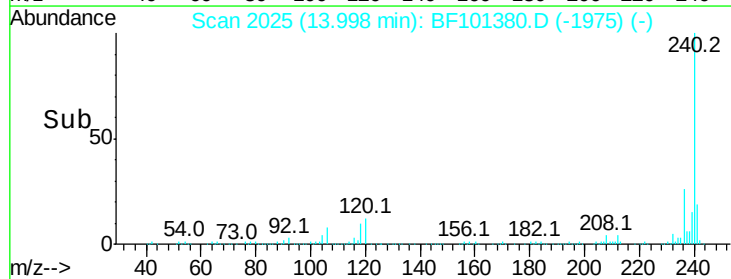
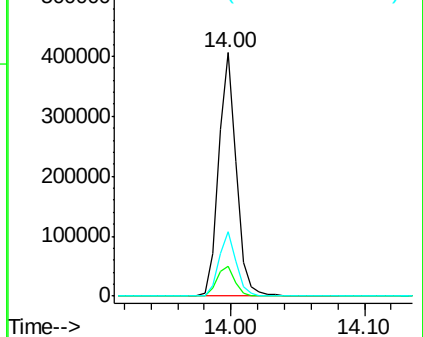


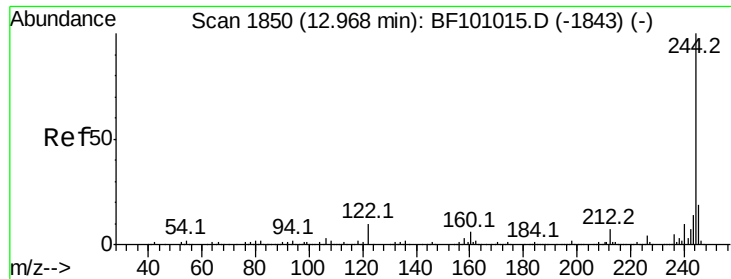
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101380.D
 Acq: 13 Dec 2017 22:55

Tgt Ion:240 Resp: 378468
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 26.5 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: 86.001 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF101380.D

Acq: 13 Dec 2017 22:55

Instrument :

BNA_F

ClientSampleId :

120717-TIDO-F-D-B

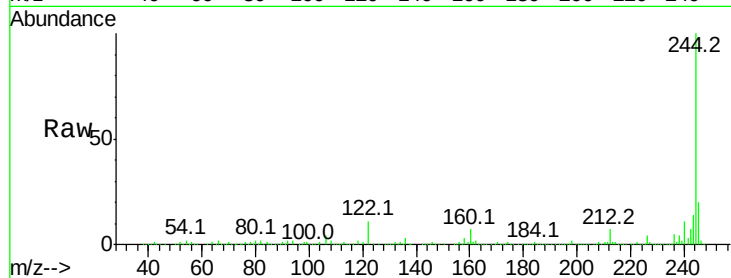
Tot Ion:244 Resp: 1488101

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

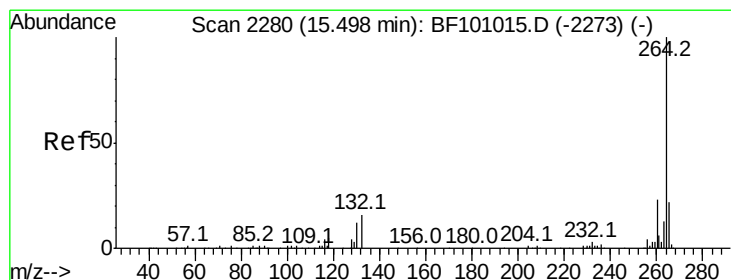
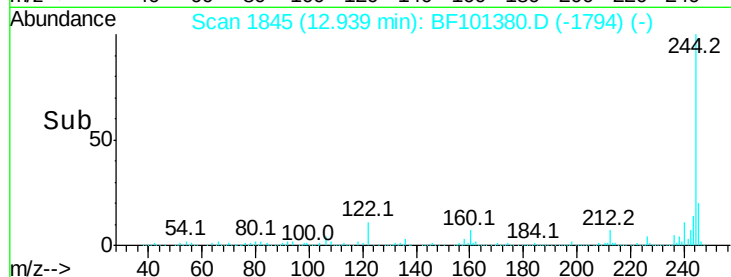
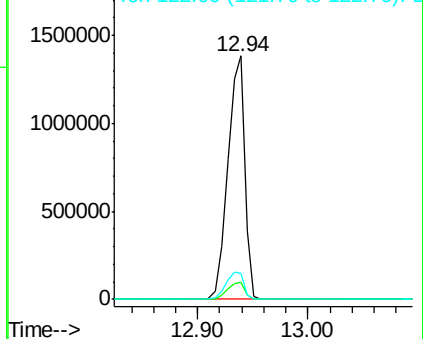
122 10.7 11.0 16.4#



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: 15.47 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BF101380.D

Acq: 13 Dec 2017 22:55

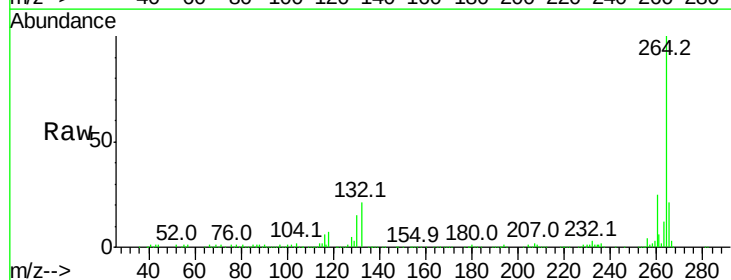
Tgt Ion:264 Resp: 307764

Ion Ratio Lower Upper

264 100

260 24.6 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

