

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101382.D
 Acq On : 13 Dec 2017 23:49
 Operator : SJ/JU
 Sample : I6816-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 14 02:25:59 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	174564	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	716568	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	317019	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	584146	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	391610	20.00	ng	0.00
86) Perylene-d12	15.47	264	314380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	509924	48.27	ng	0.00
7) Phenol-d6	6.45	99	397316	30.98	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1068883	88.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	222833	58.51	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1760541	75.98	ng	-0.01
78) Terphenyl-d14	12.94	244	1483948	82.88	ng	0.00

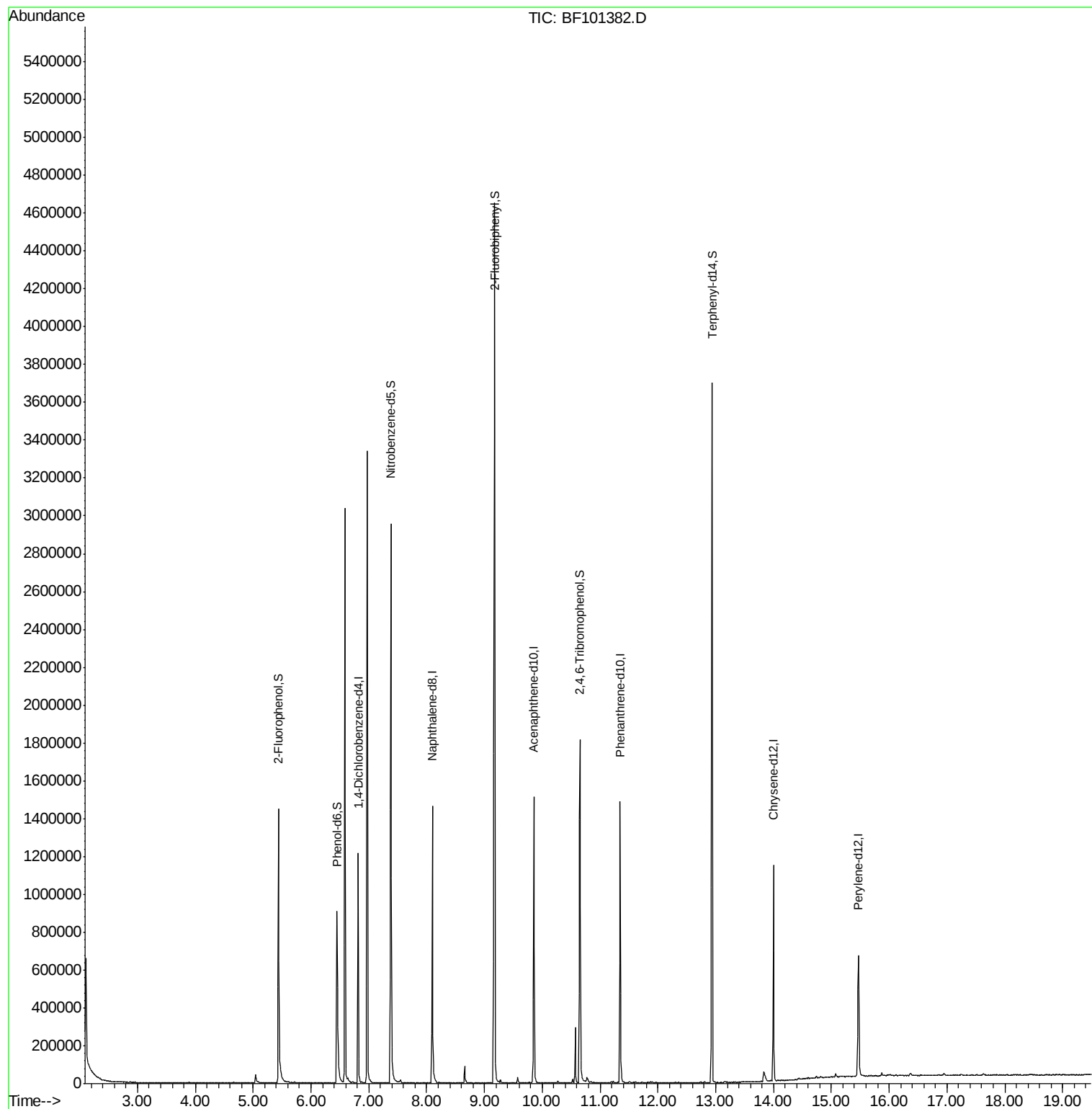
Target Compounds Qvalue

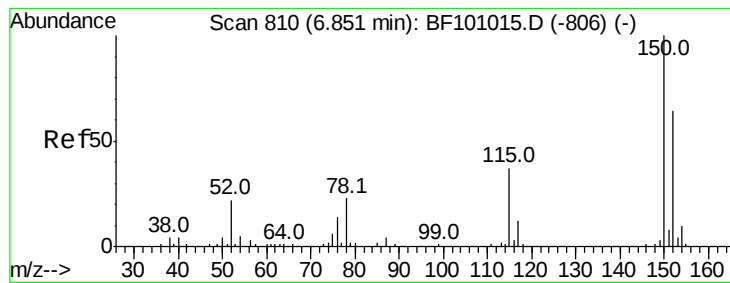
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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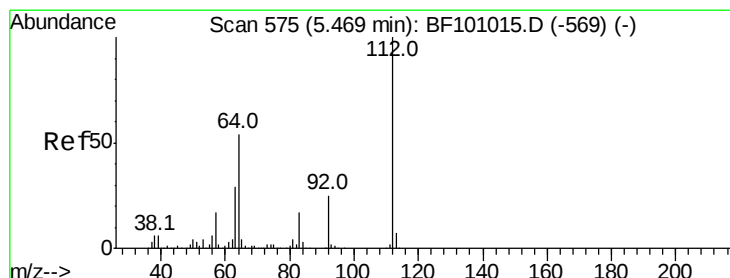
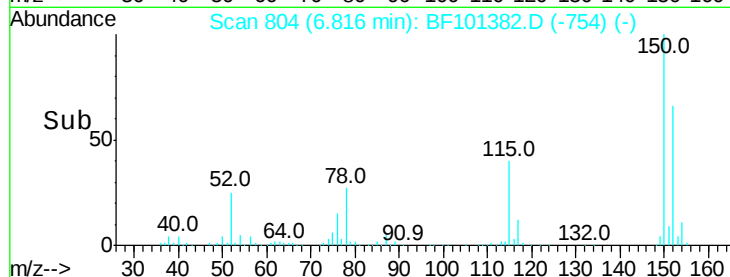
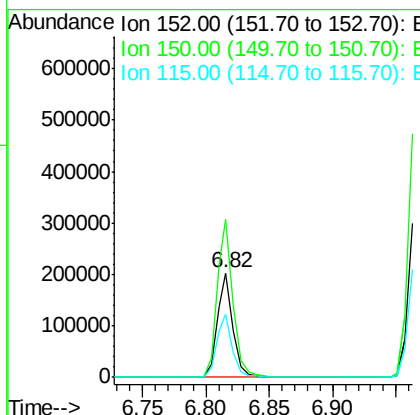
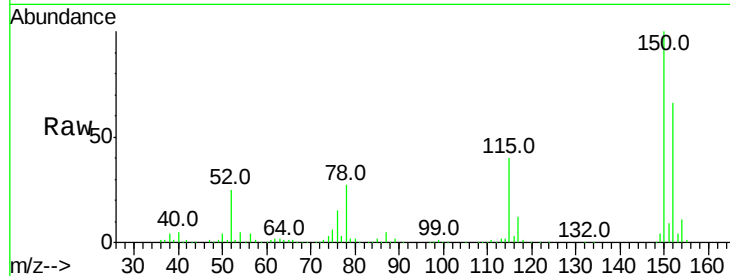


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

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

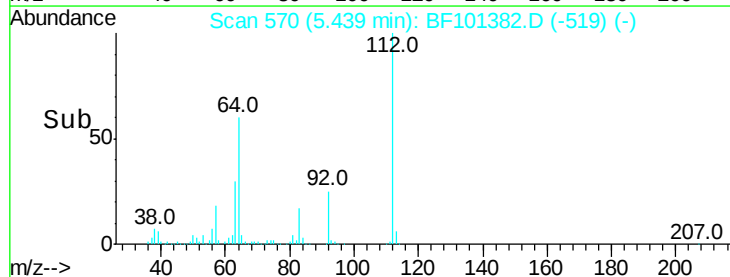
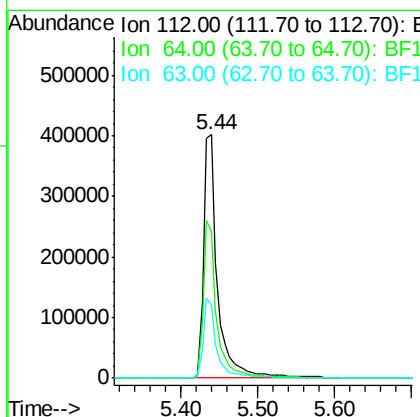
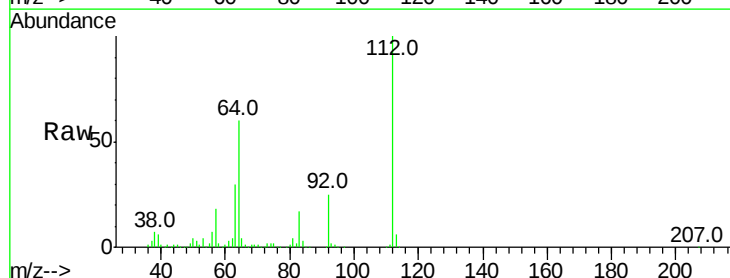
Tot Ion:152 Resp: 174564
Ion Ratio Lower Upper
152 100
150 151.1 124.6 186.8
115 60.5 50.1 75.1



#5

2-Fluorophenol
Concen: 48.270 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Tgt Ion:112 Resp: 509924
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 30.978 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101382.D

Acq: 13 Dec 2017 23:49

Instrument :

BNA_F

ClientSampleId :

120717-TIDO-F-U-B

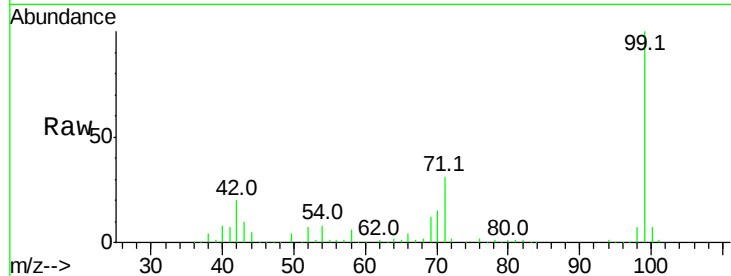
Tot Ion: 99 Resp: 397316

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

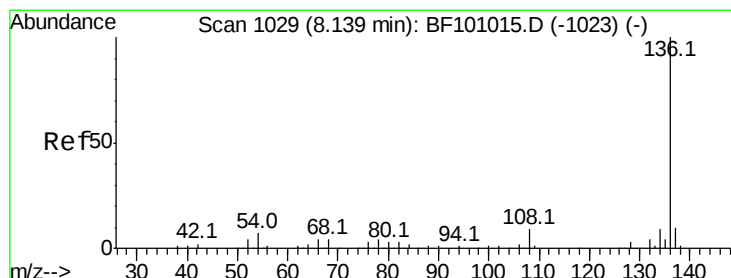
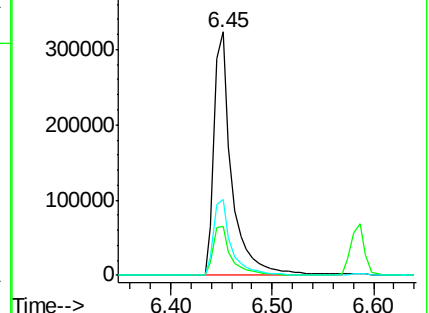
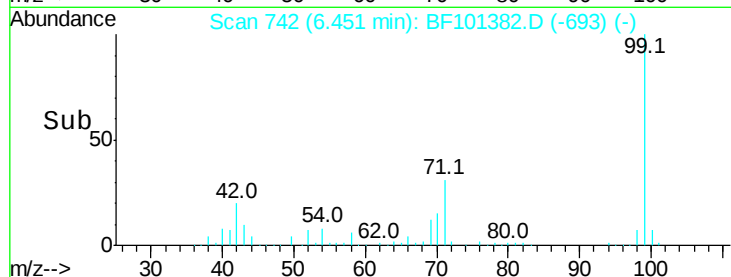
71 31.1 25.4 38.0



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: BF101382.D

Acq: 13 Dec 2017 23:49

Tgt Ion: 136 Resp: 716568

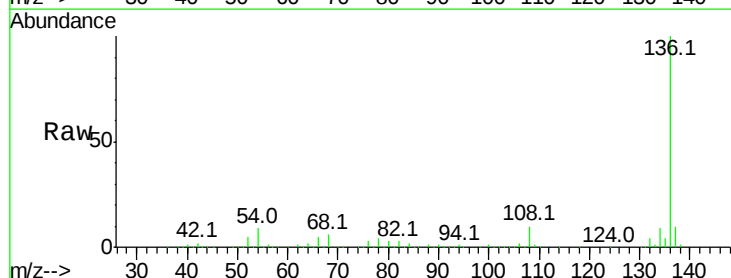
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 9.3 6.6 9.8

68 6.3 5.0 7.4

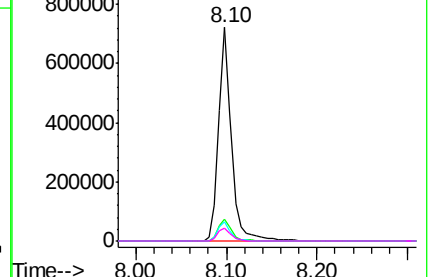
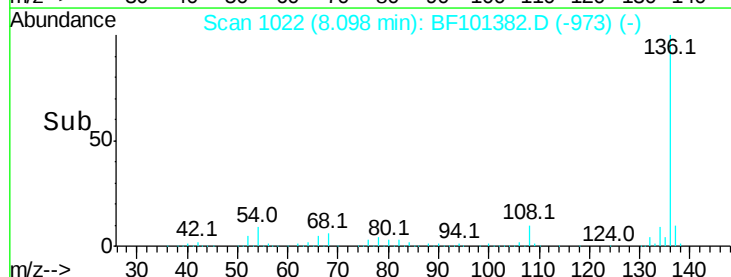


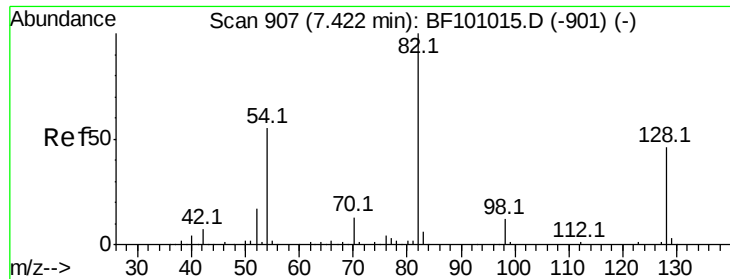
Abundance Ion 136.00 (135.70 to 136.70): E

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

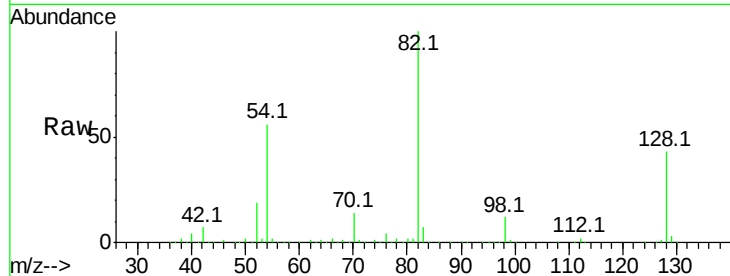




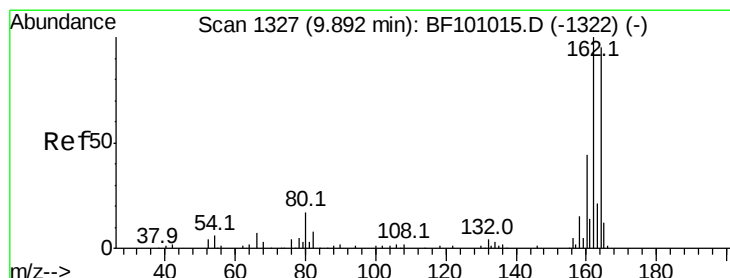
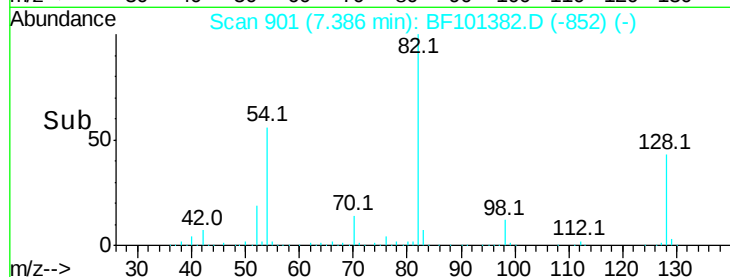
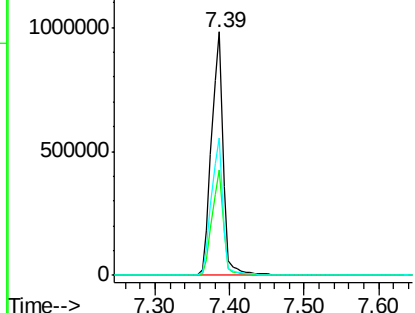
#23
 Nitrobenzene-d5
 Concen: 88.983 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101382.D
 Acq: 13 Dec 2017 23:49

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

Tot Ion: 82 Resp: 1068883
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 56.2 41.4 62.2

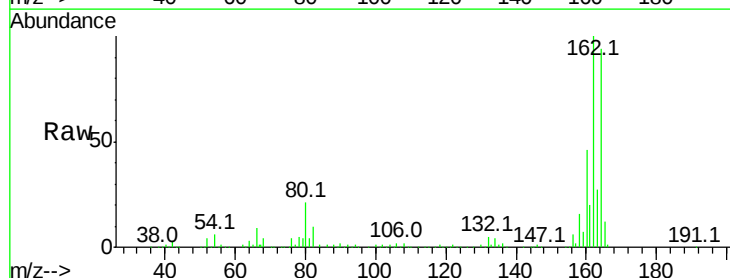


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

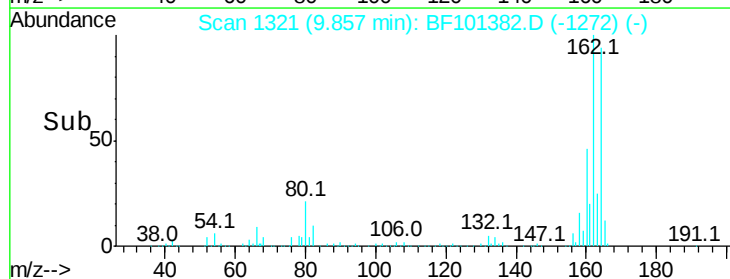
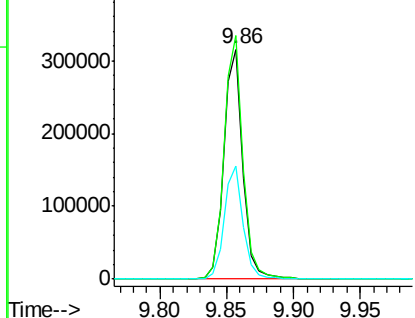


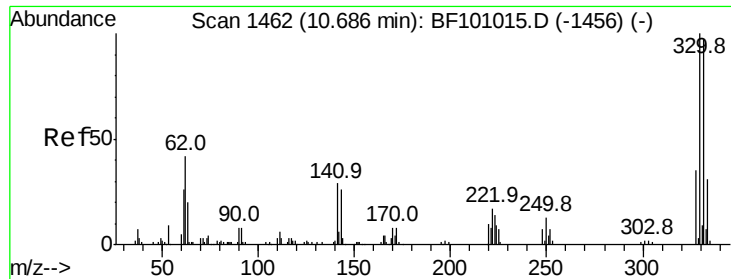
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF101382.D
 Acq: 13 Dec 2017 23:49

Tgt Ion: 164 Resp: 317019
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 49.0 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

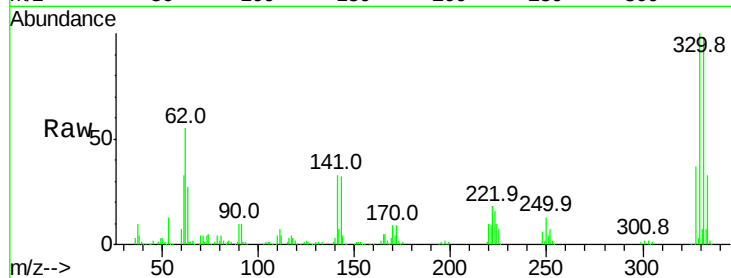




#41
 2,4,6-Tribromophenol
 Concen: 58.512 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101382.D
 Acq: 13 Dec 2017 23:49

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	35.8	29.9	44.9

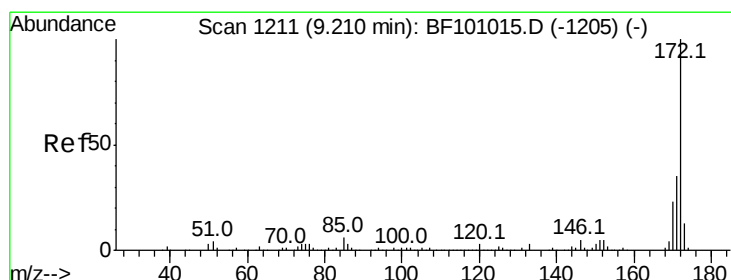
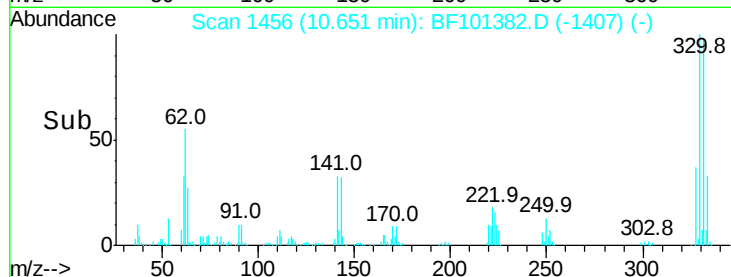
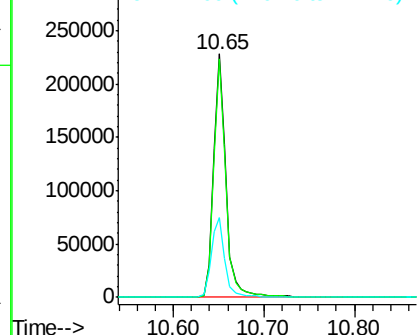


Abundance

Ion 329.80 (329.50 to 330.50): E

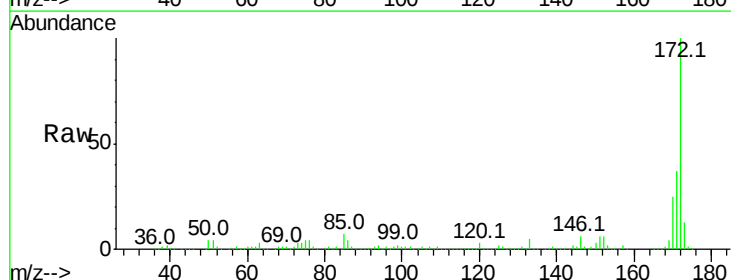
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.982 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101382.D
 Acq: 13 Dec 2017 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.6	19.6	29.4

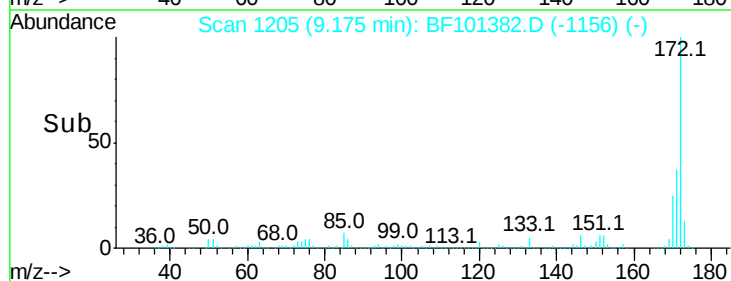
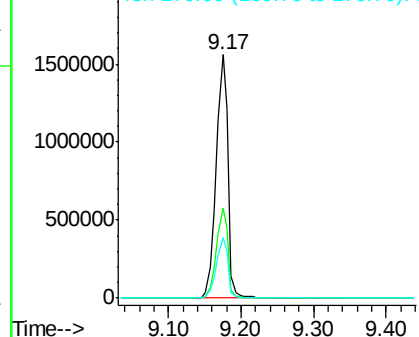


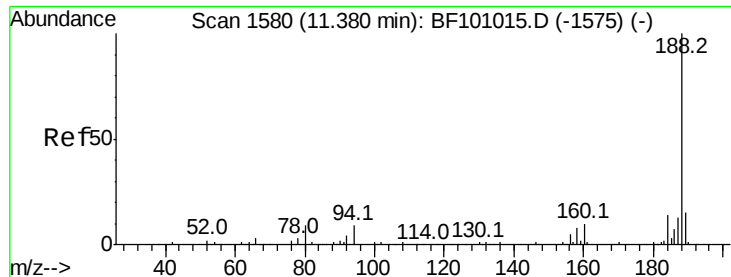
Abundance

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

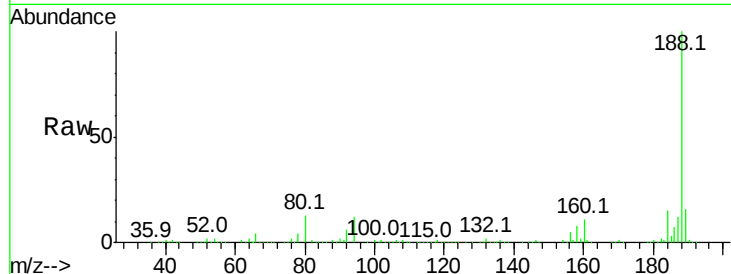




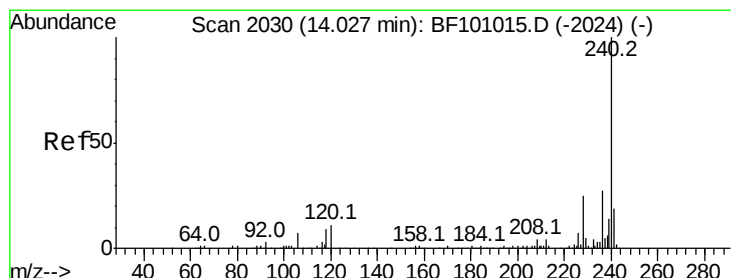
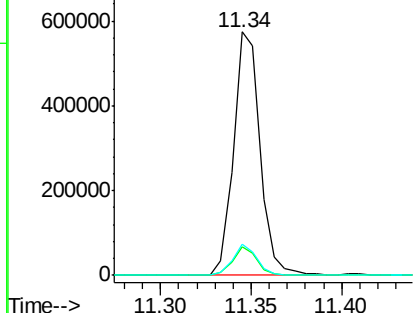
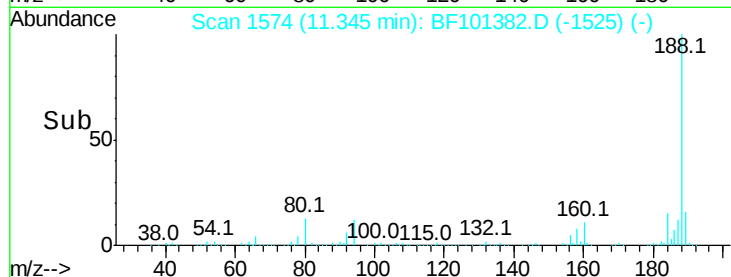
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

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

Tot Ion:188 Resp: 584146
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.6 9.2 13.8

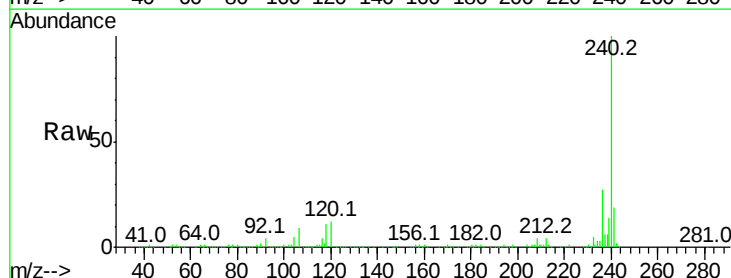


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

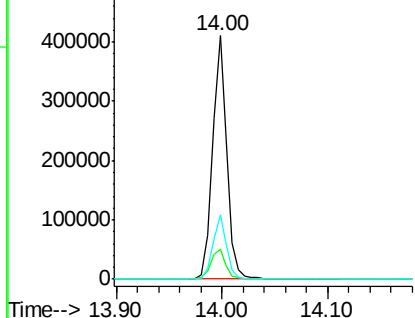
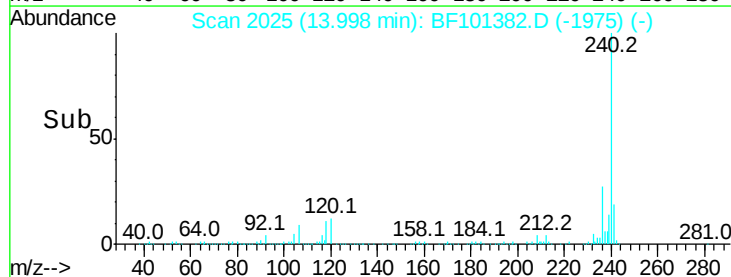


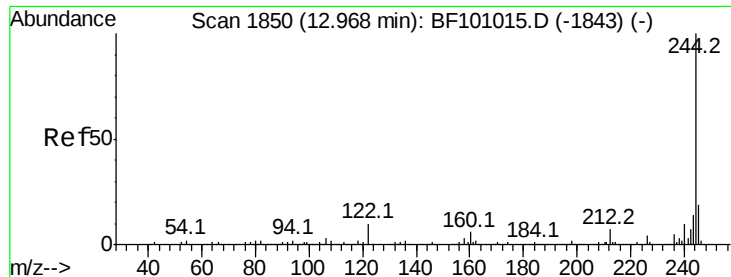
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Tgt Ion:240 Resp: 391610
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.6 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: 82.883 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF101382.D

Acq: 13 Dec 2017 23:49

Instrument :

BNA_F

ClientSampleId :

120717-TIDO-F-U-B

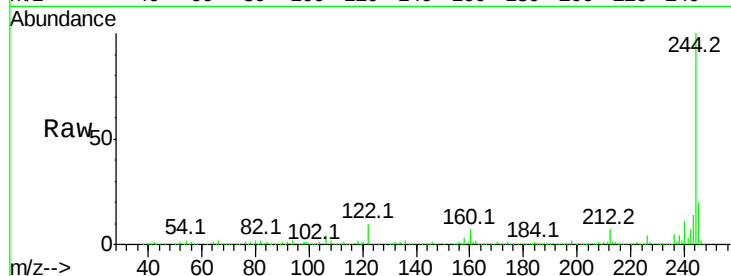
Tot Ion:244 Resp: 1483948

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

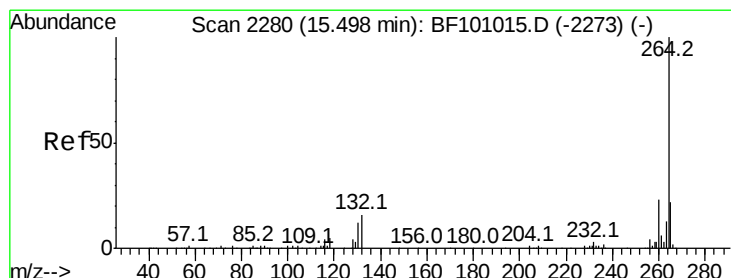
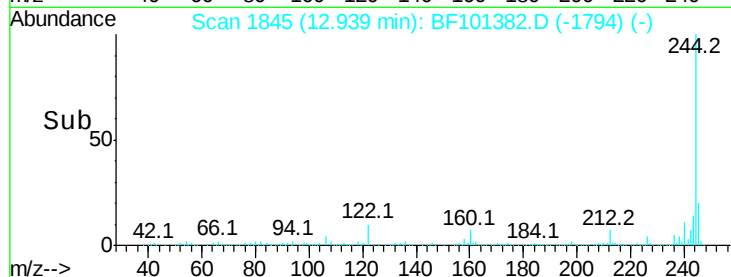
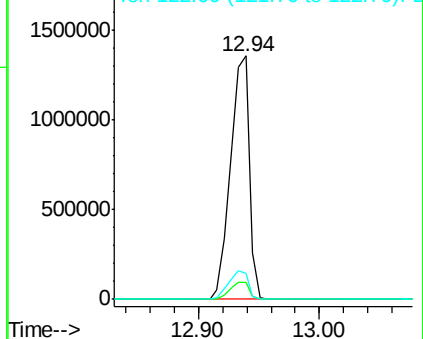
122 10.5 11.0 16.4#



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: BF101382.D

Acq: 13 Dec 2017 23:49

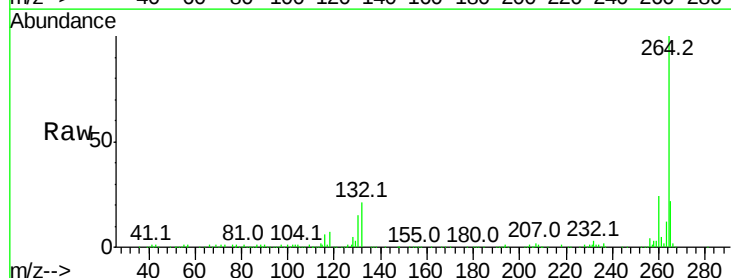
Tgt Ion:264 Resp: 314380

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.3 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

