

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100111.D
 Acq On : 3 Nov 2017 4:06
 Operator : SJ/JU
 Sample : I6274-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110117-TIDO-F-U-S

Quant Time: Nov 03 05:38:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	82477	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	335496	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	150734	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	246049	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	147361	20.00	ng	-0.02
86) Perylene-d12	15.41	264	133565	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	208344	39.66	ng	0.00
7) Phenol-d6	6.42	99	157594	25.30	ng	0.00
23) Nitrobenzene-d5	7.34	82	449330	86.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	110153	80.19	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	880144	90.09	ng	0.00
78) Terphenyl-d14	12.88	244	654746	97.10	ng	-0.02

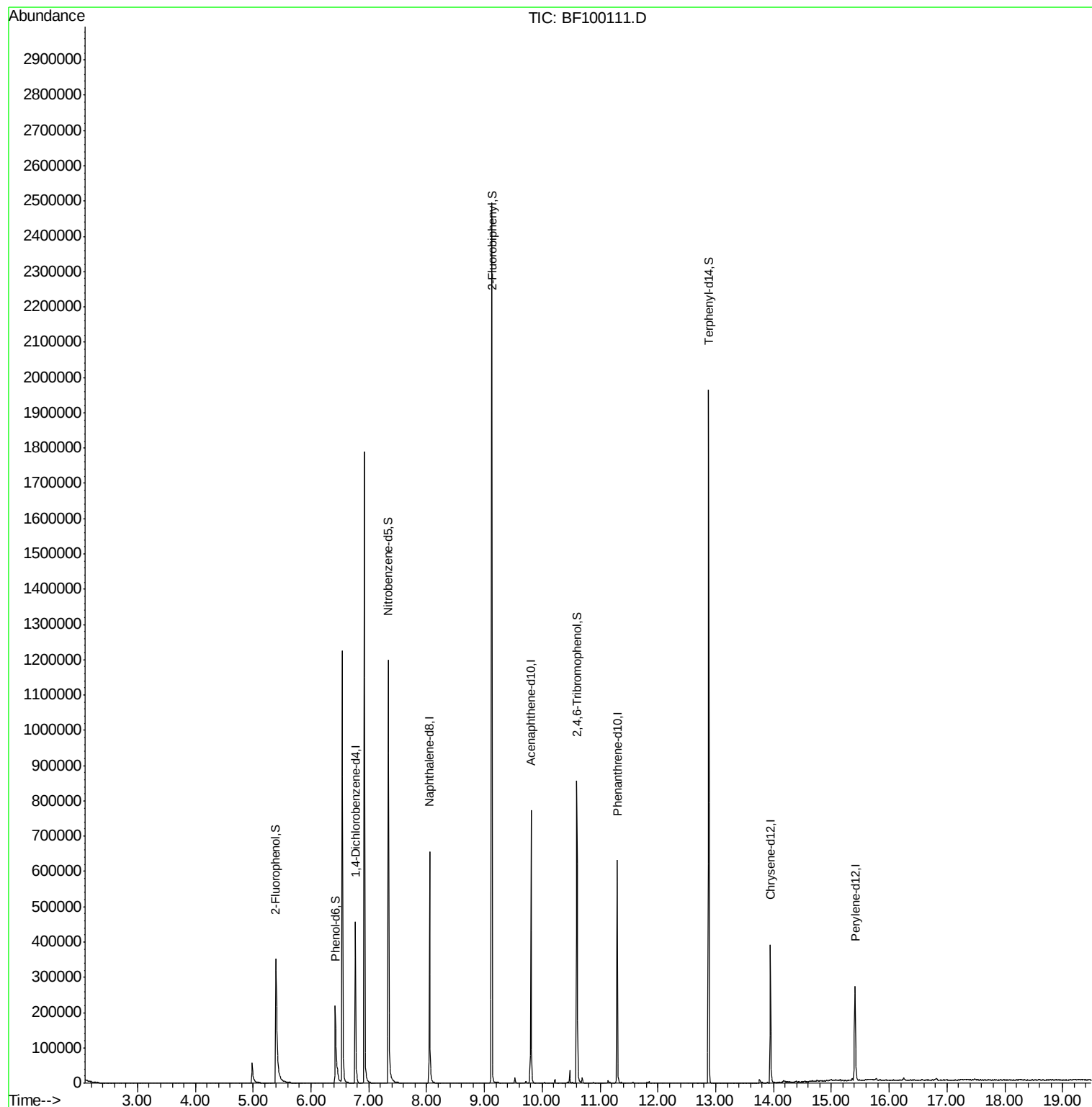
Target Compounds Qvalue

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

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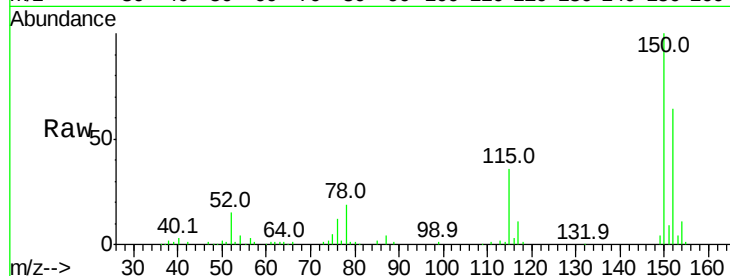


#1

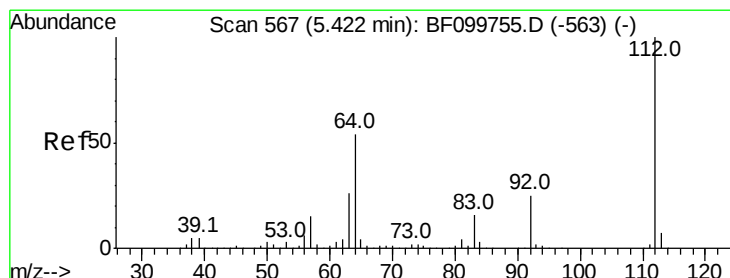
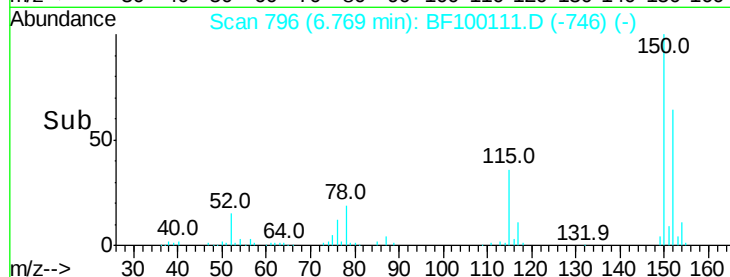
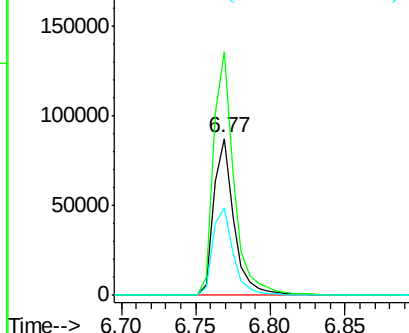
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Instrument :
BNA_F
ClientSampleId :
110117-TIDO-F-U-S

Tot Ion:152 Resp: 82477
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 56.2 50.1 75.1



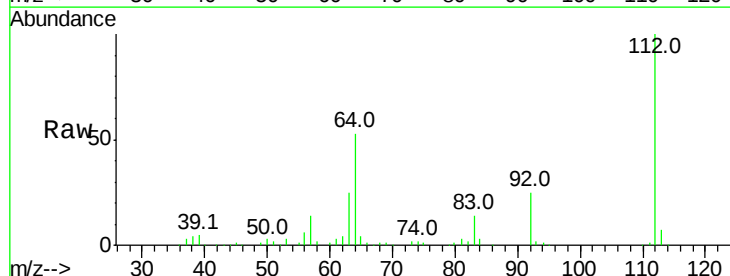
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



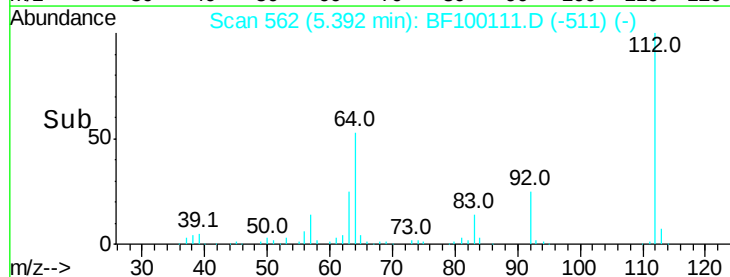
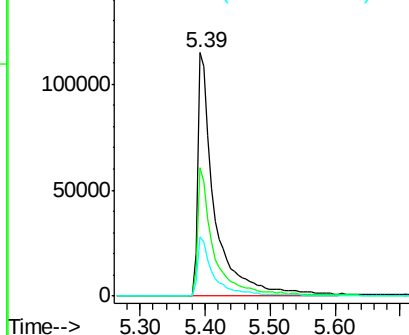
#5

2-Fluorophenol
Concen: 39.659 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Tgt Ion:112 Resp: 208344
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 24.6 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: 25.300 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

Instrument :

BNA_F

ClientSampleId :

110117-TIDO-F-U-S

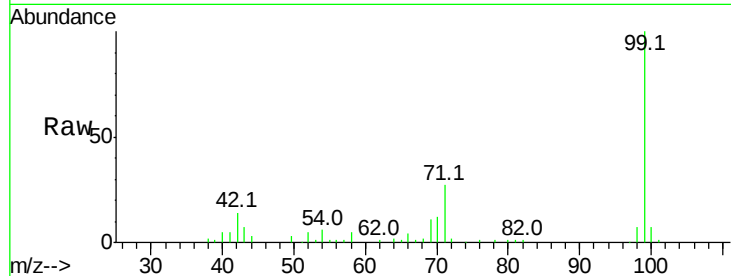
Tot Ion: 99 Resp: 157594

Ion Ratio Lower Upper

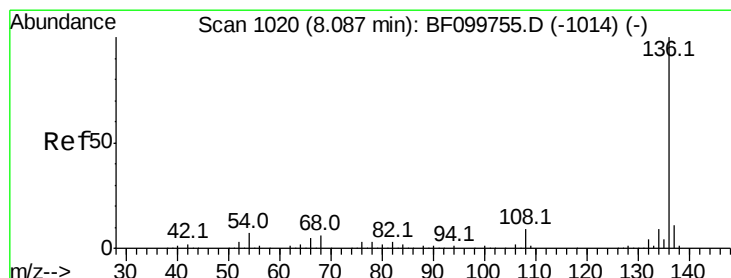
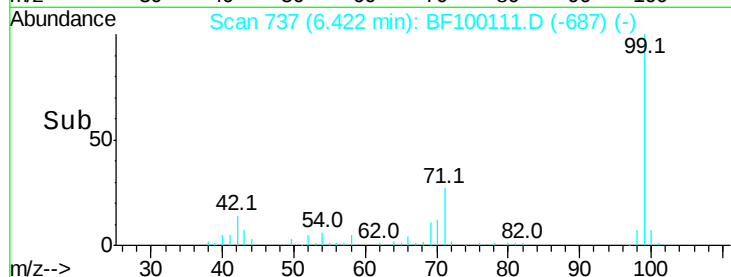
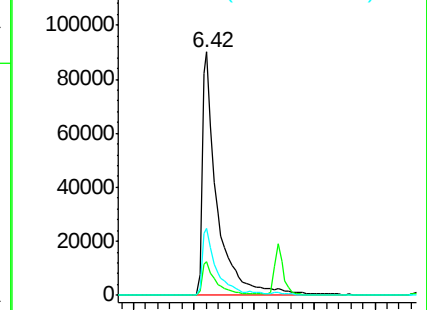
99 100

42 13.8 14.5 21.7#

71 27.3 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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

Tgt Ion: 136 Resp: 335496

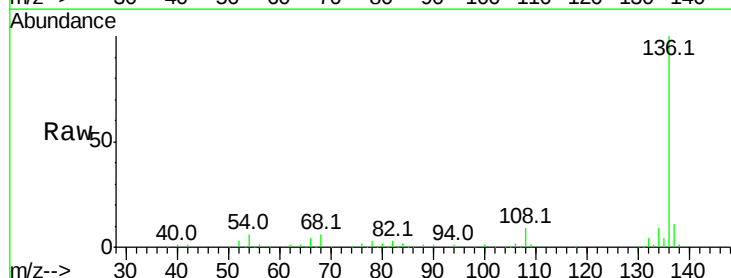
Ion Ratio Lower Upper

136 100

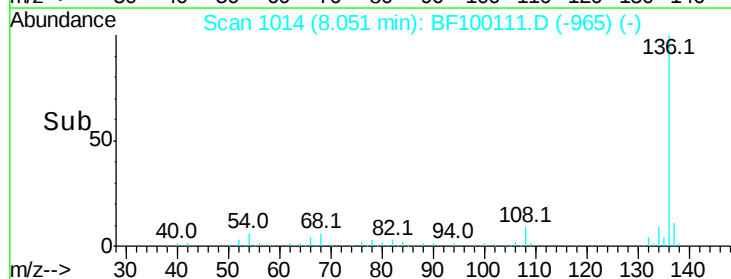
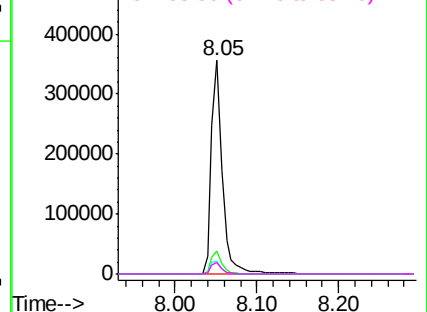
137 10.9 8.9 13.3

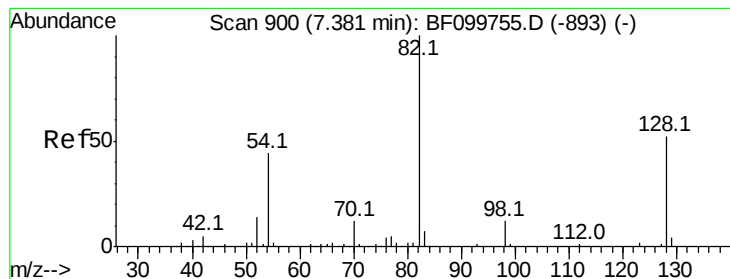
54 6.0 6.6 9.8#

68 5.7 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: 86.225 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

Instrument :

BNA_F

ClientSampleId :

110117-TIDO-F-U-S

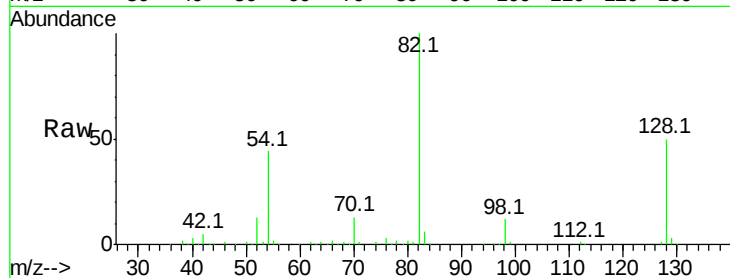
Tot Ion: 82 Resp: 449330

Ion Ratio Lower Upper

82 100

128 50.3 36.1 54.1

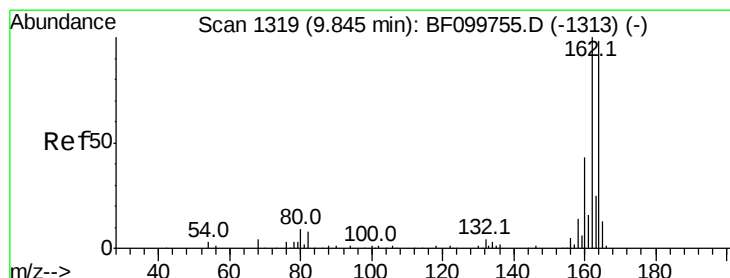
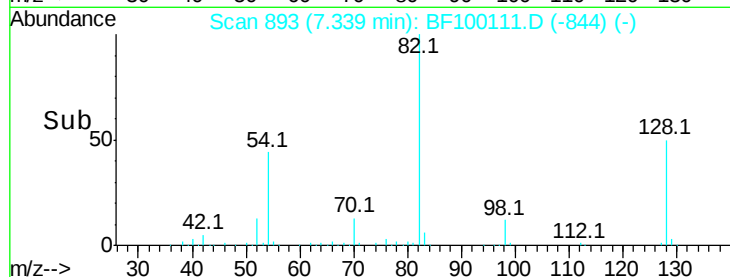
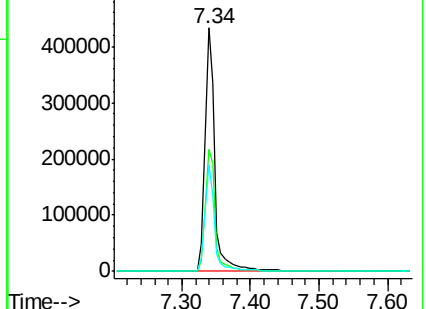
54 43.9 41.4 62.2



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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

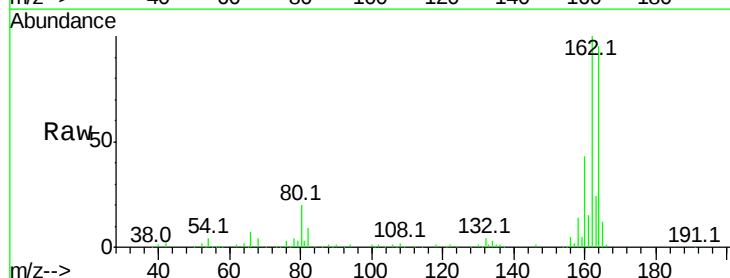
Tgt Ion:164 Resp: 150734

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

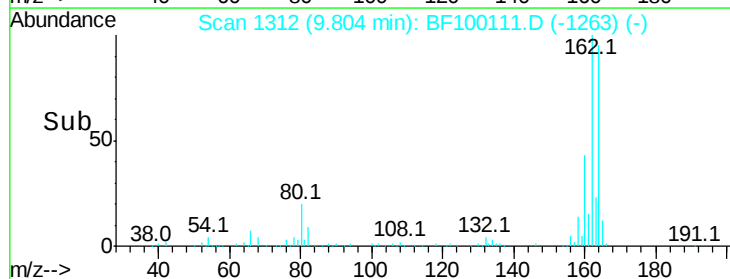
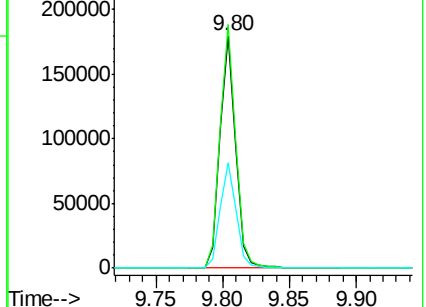
160 45.2 38.3 57.5



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

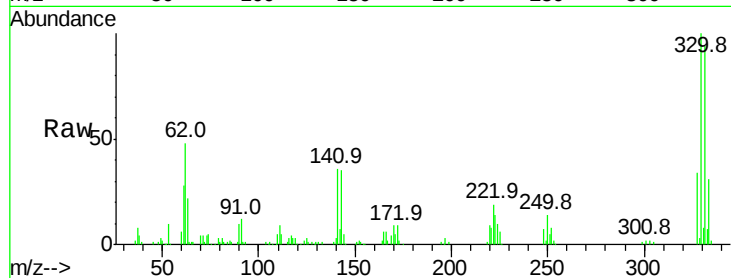




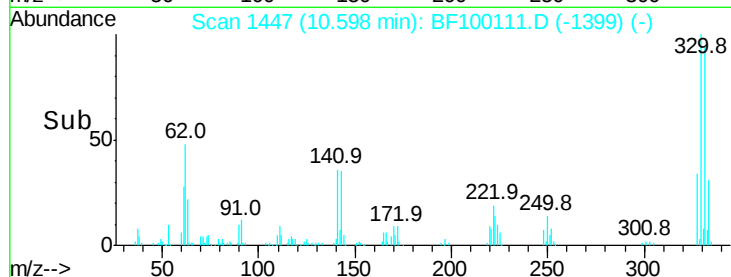
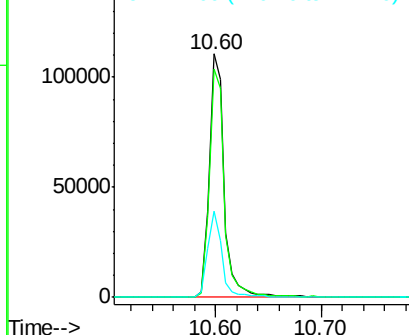
#41
 2,4,6-Tribromophenol
 Concen: 80.189 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100111.D
 Acq: 3 Nov 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 110117-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	33.6	29.9	44.9

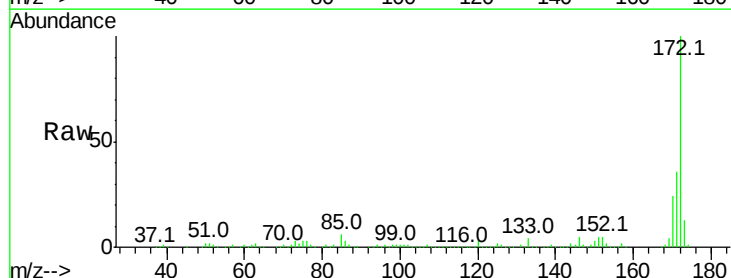


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

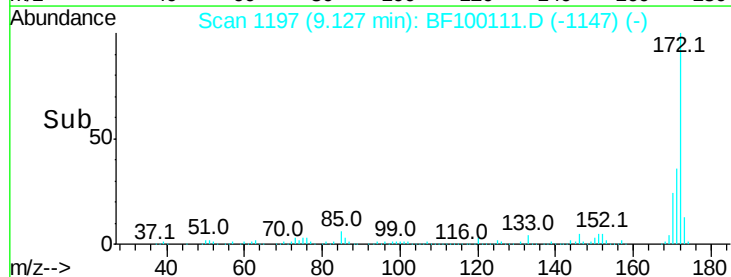
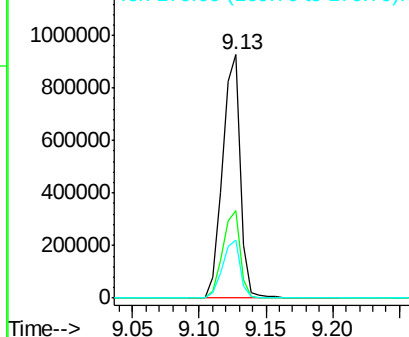


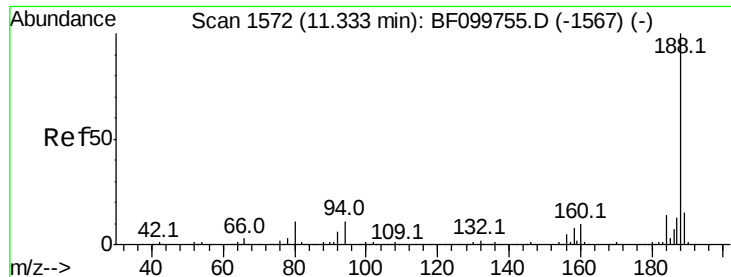
#44
 2-Fluorobiphenyl
 Concen: 90.087 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100111.D
 Acq: 3 Nov 2017 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	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

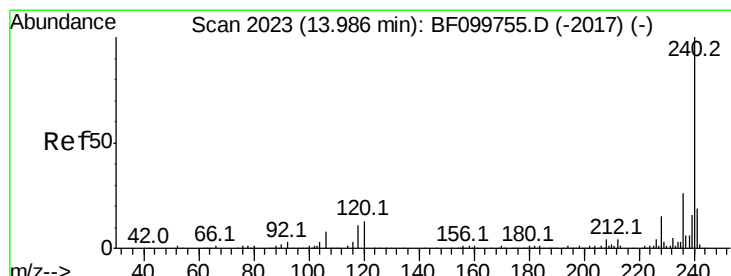
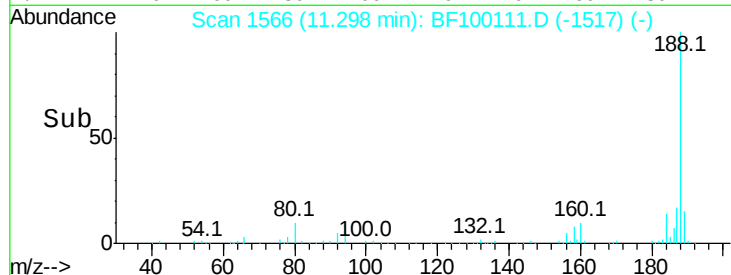
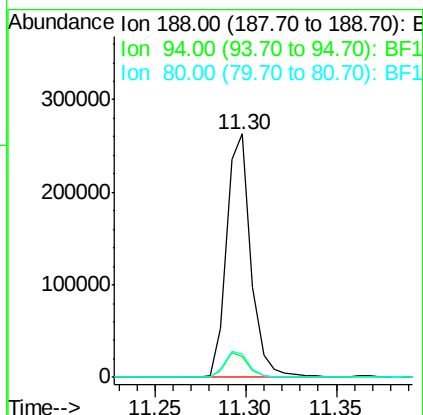
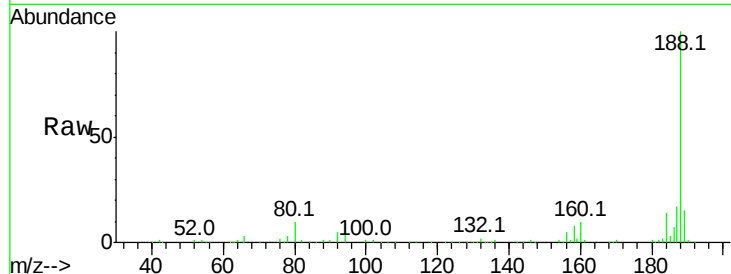




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

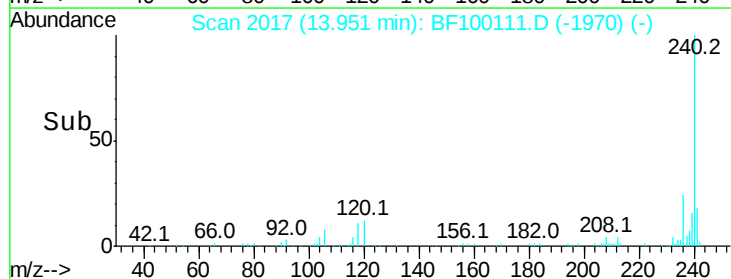
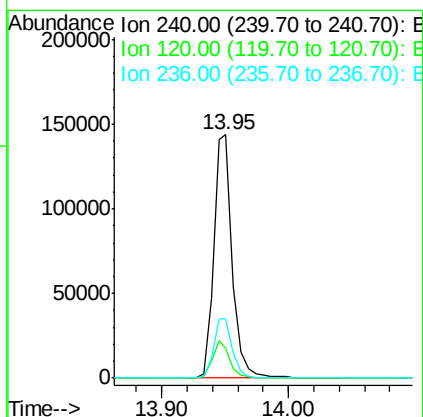
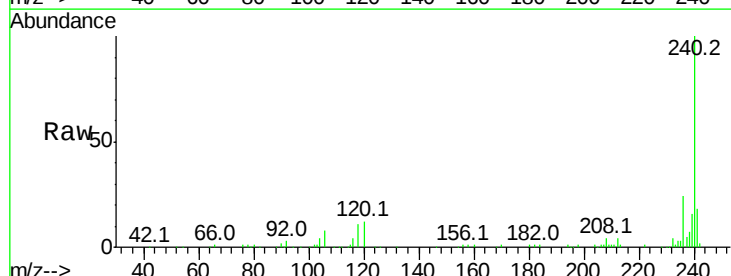
Instrument :
BNA_F
ClientSampleId :
110117-TIDO-F-U-S

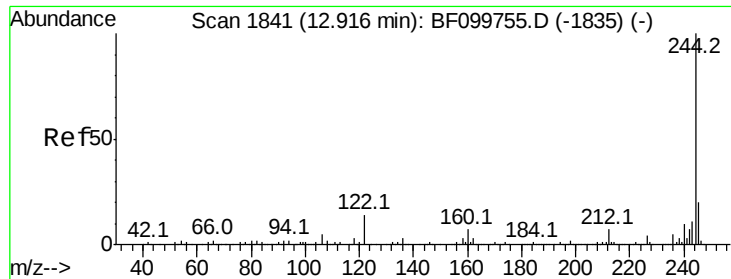
Tot Ion:188 Resp: 246049
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Tgt Ion:240 Resp: 147361
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 24.5 20.7 31.1





#78

Terphenyl-d14

Concen: 97.099 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

Instrument :

BNA_F

ClientSampleId :

110117-TIDO-F-U-S

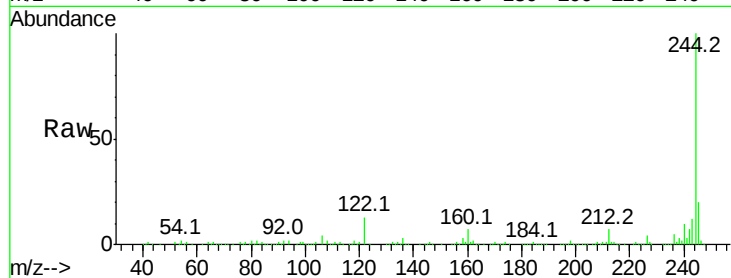
Tot Ion:244 Resp: 654746

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

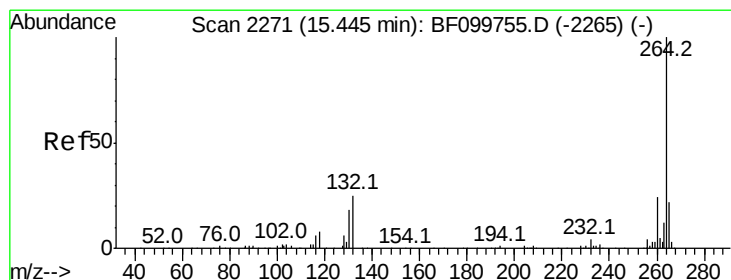
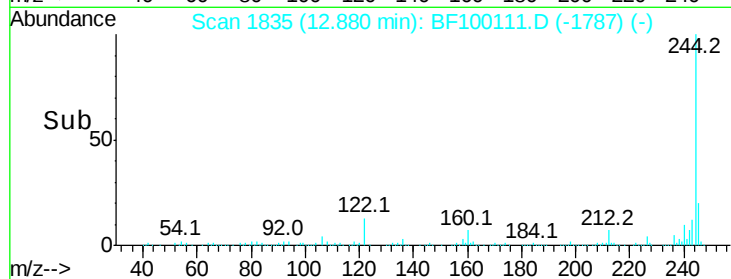
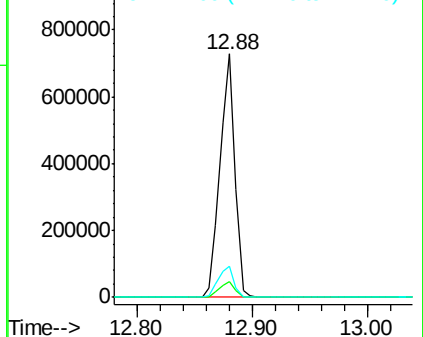
122 12.9 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

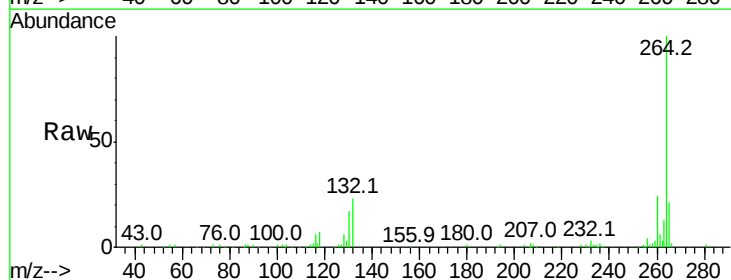
Tgt Ion:264 Resp: 133565

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.8 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

