

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103821.D
 Acq On : 20 Mar 2018 23:40
 Operator : JU/SJ
 Sample : J1981-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MT-HOPE-1

Quant Time: Mar 21 03:13:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

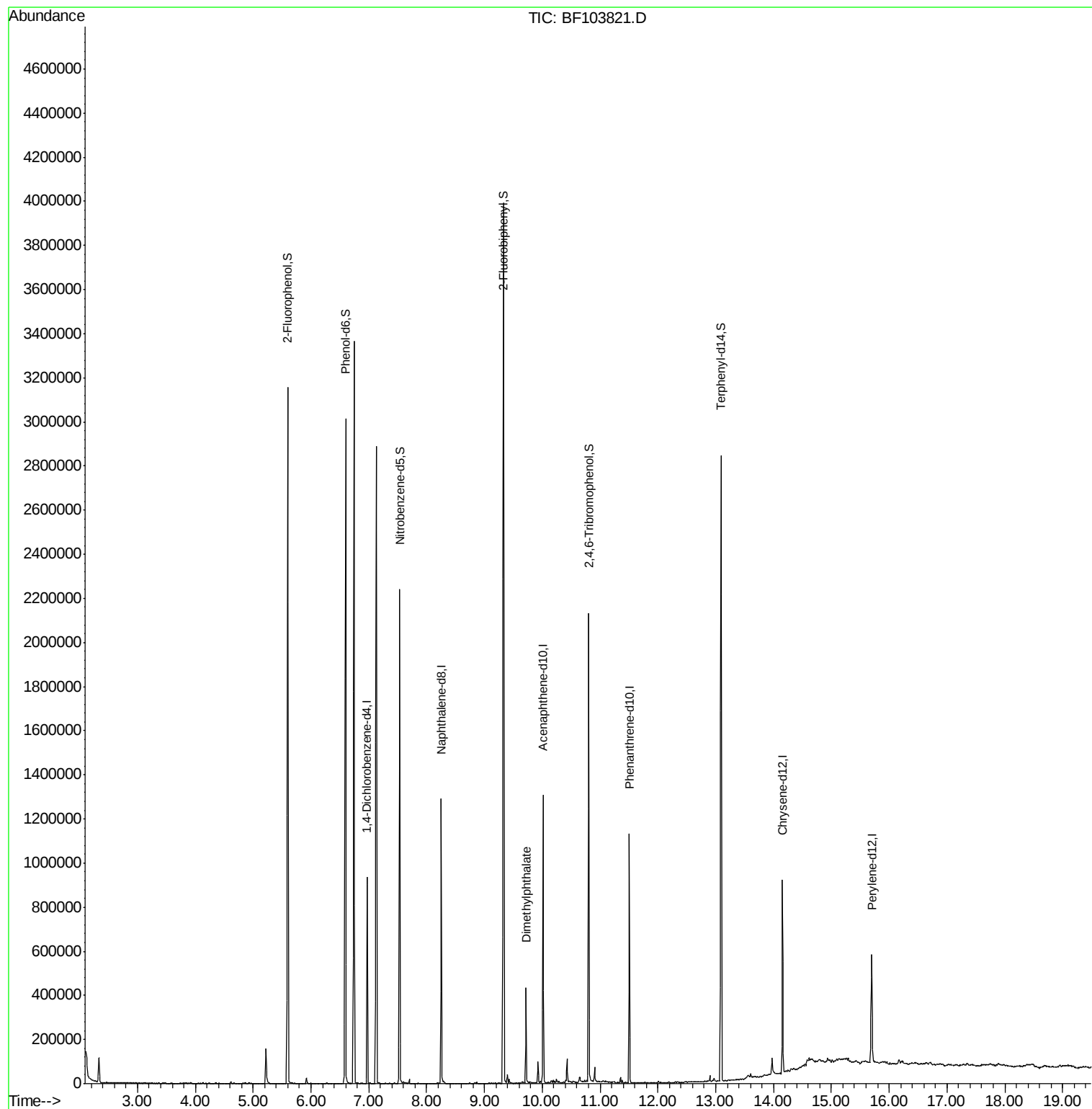
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	146244	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	622352	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	250704	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	389202	20.00	ng	0.00
75) Chrysene-d12	14.16	240	266464	20.00	ng	0.00
86) Perylene-d12	15.70	264	224147	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1033501	107.49	ng	0.02
7) Phenol-d6	6.60	99	1257543	106.90	ng	0.01
23) Nitrobenzene-d5	7.53	82	833165	93.36	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	277430	128.70	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1288252	81.97	ng	0.00
78) Terphenyl-d14	13.09	244	956623	83.33	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	152302	7.963	ng	99

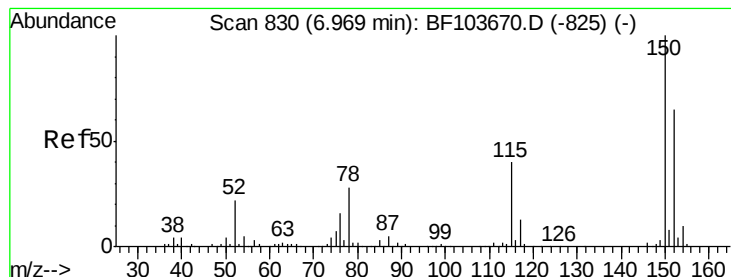
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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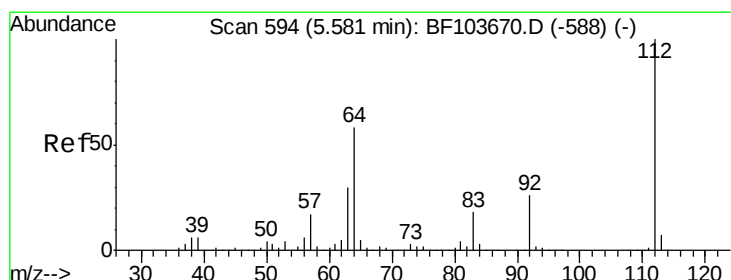
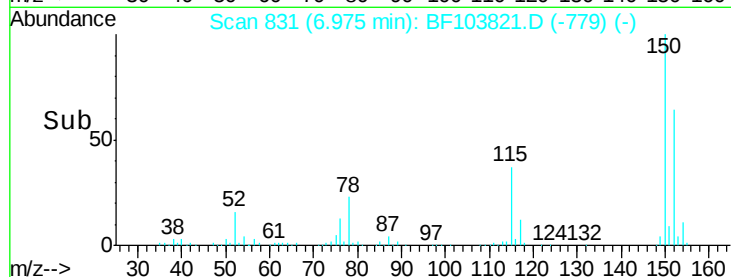
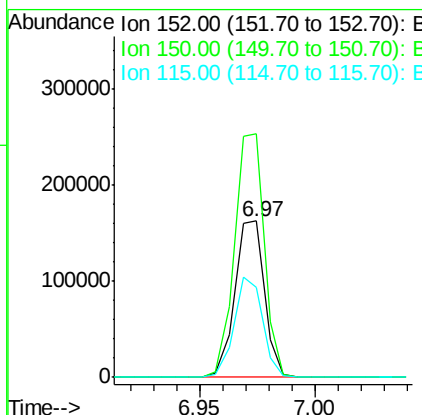
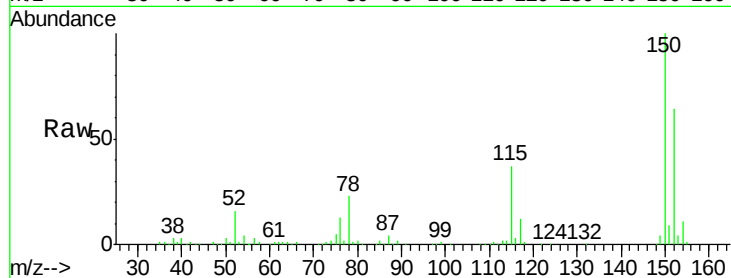


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF103821.D
 Acq: 20 Mar 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MT-HOPE-1

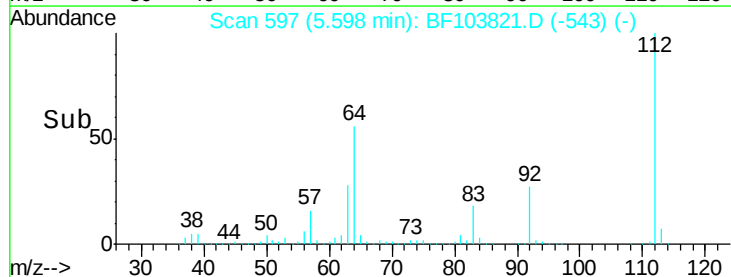
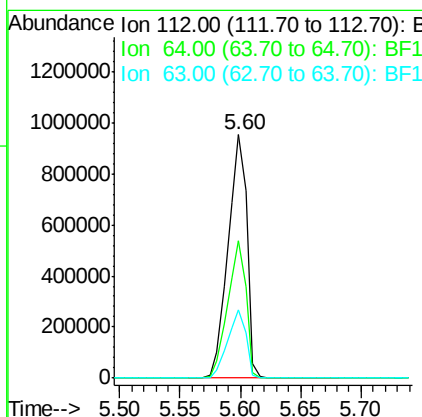
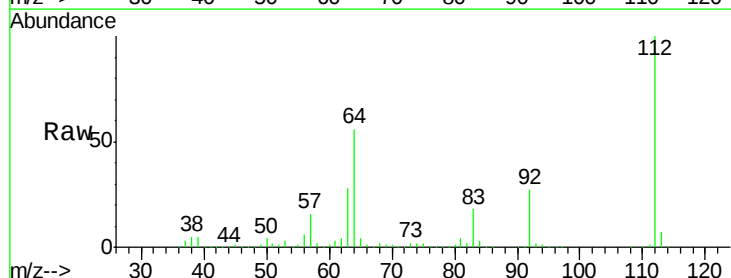
Tot Ion:152 Resp: 146244
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 58.1 50.1 75.1

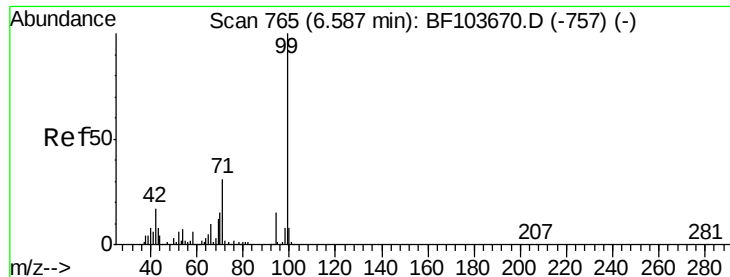


#5

2-Fluorophenol
 Concen: 107.488 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: BF103821.D
 Acq: 20 Mar 2018 23:40

Tgt Ion:112 Resp: 1033501
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 106.904 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103821.D

Acq: 20 Mar 2018 23:40

Instrument :

BNA_F

ClientSampleId :

TILCON-MT-HOPE-1

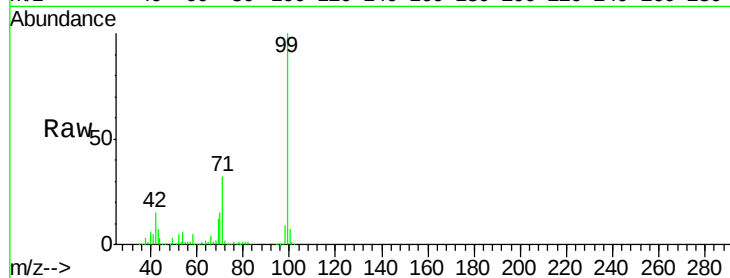
Tot Ion: 99 Resp: 1257543

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

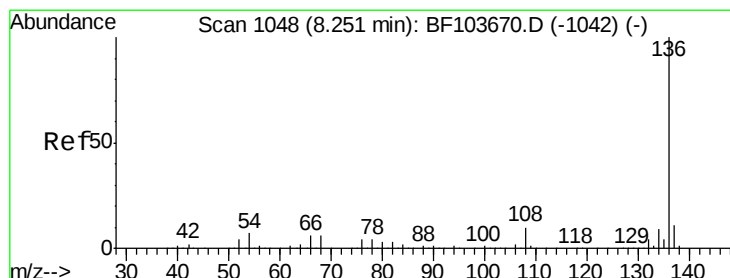
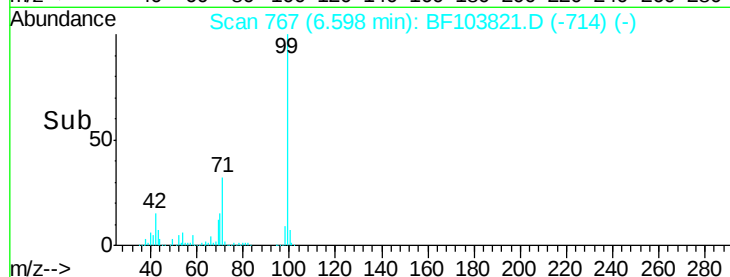
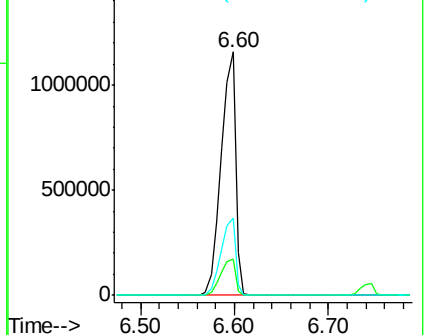
71 31.7 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103821.D

Acq: 20 Mar 2018 23:40

Tgt Ion: 136 Resp: 622352

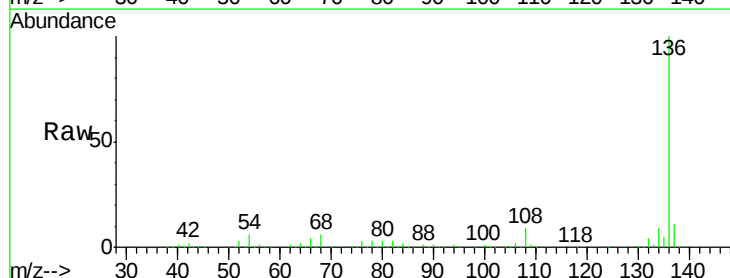
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.2 6.6 9.8#

68 5.8 5.0 7.4

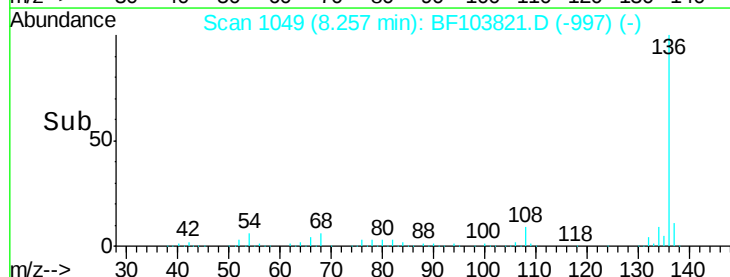
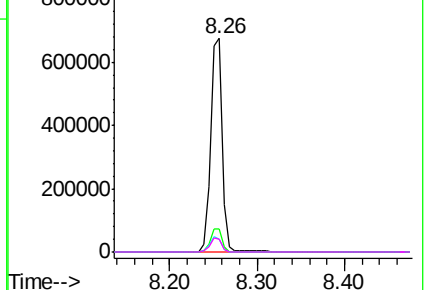


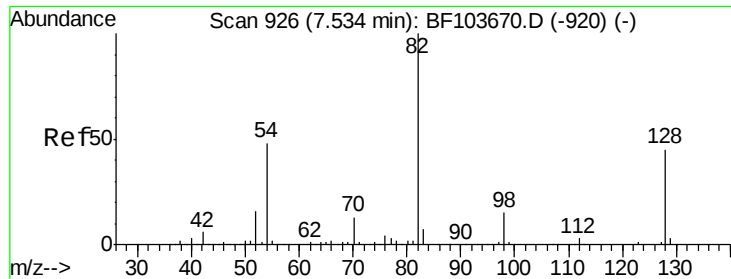
Abundance Ion 136.00 (135.70 to 136.70): E

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

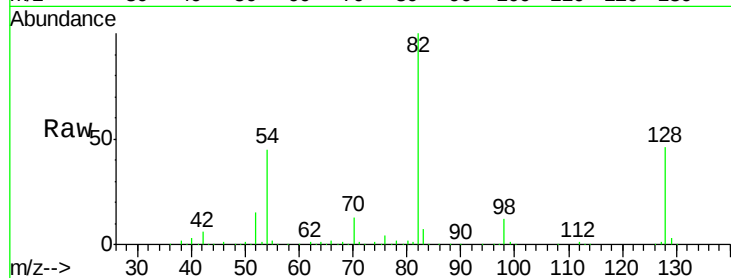




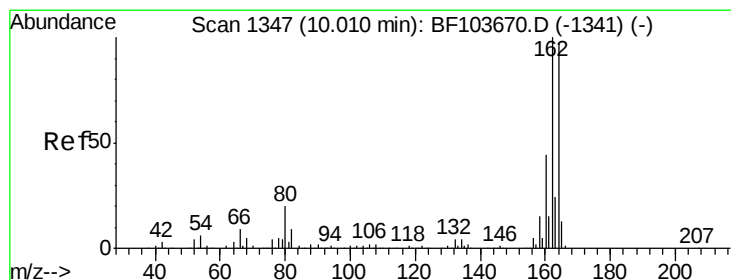
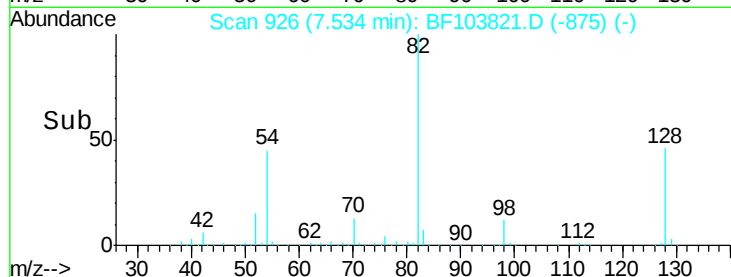
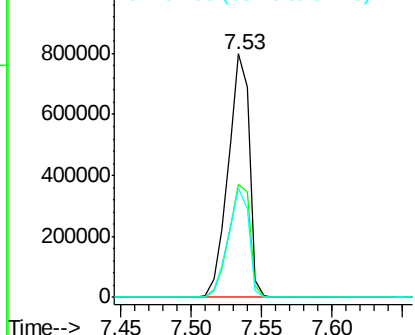
#23
 Nitrobenzene-d5
 Concen: 93.358 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103821.D
 Acq: 20 Mar 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MT-HOPE-1

Tot Ion	82	Resp	833165
Ion Ratio	100	Lower	Upper
128	46.4	36.1	54.1
54	44.8	41.4	62.2

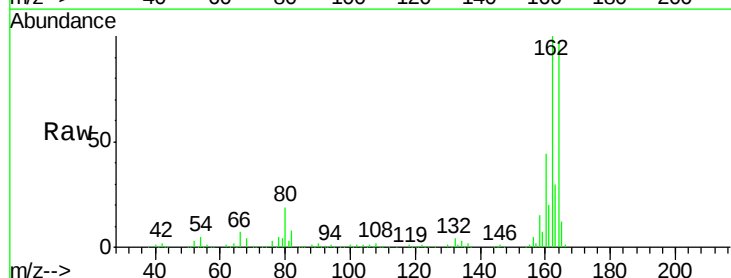


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

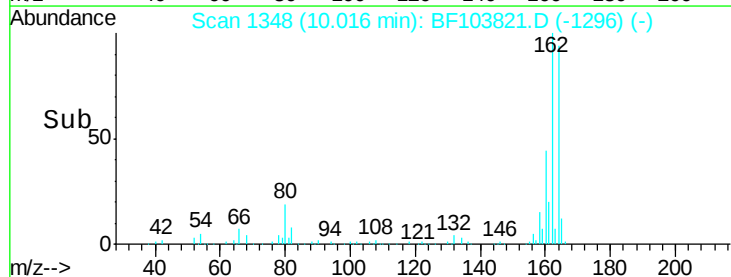
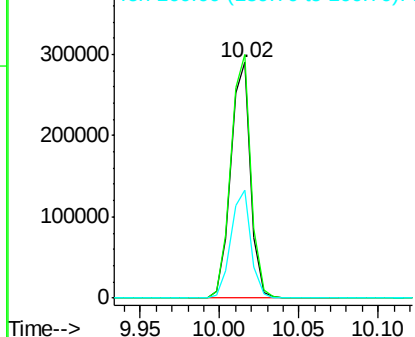


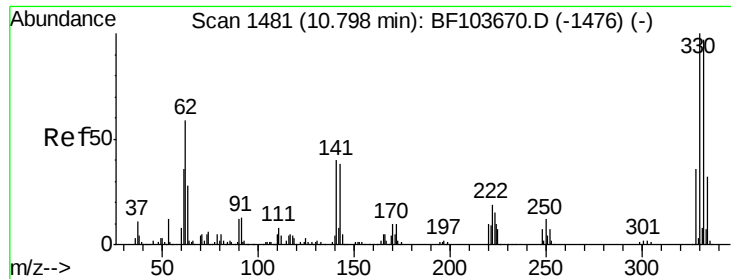
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103821.D
 Acq: 20 Mar 2018 23:40

Tgt Ion	164	Resp	250704
Ion Ratio	100	Lower	Upper
162	103.3	86.1	129.1
160	45.6	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

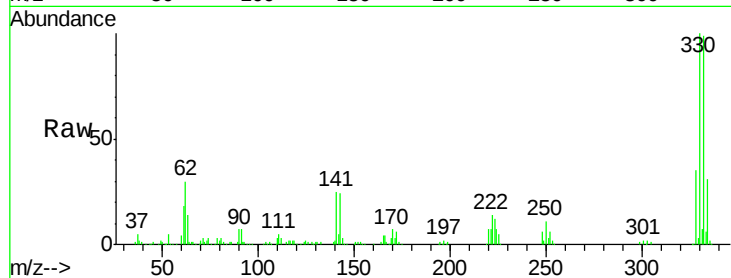




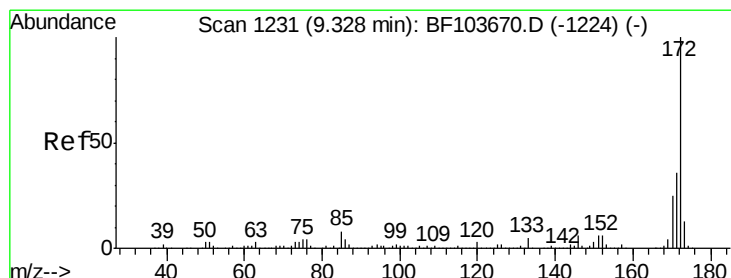
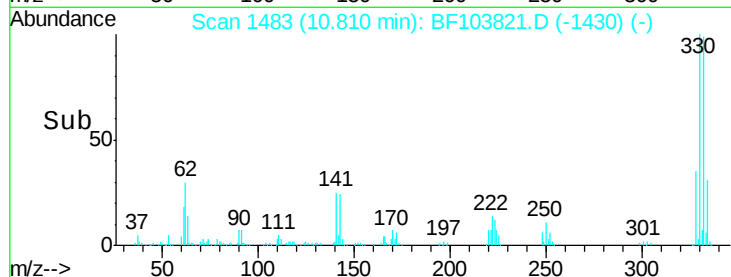
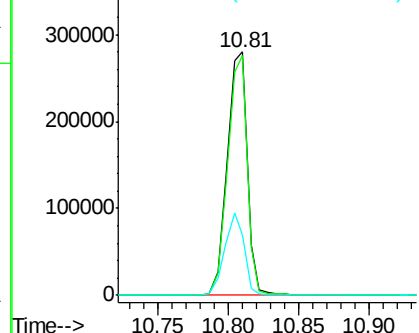
#41
 2,4,6-Tribromophenol
 Concen: 128.704 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103821.D
 Acq: 20 Mar 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MT-HOPE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.6	29.9	44.9

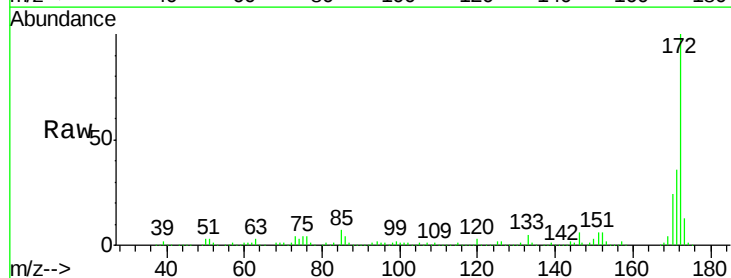


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

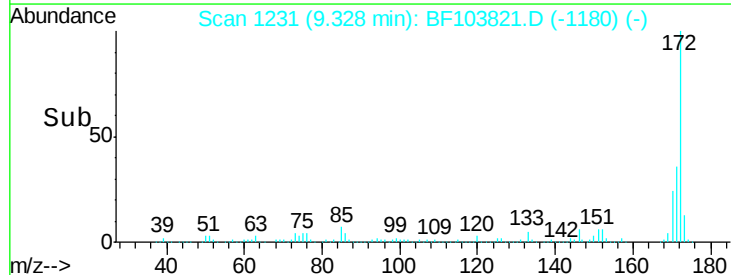
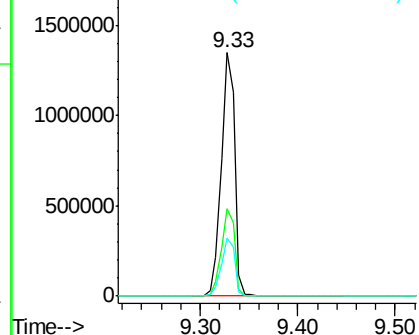


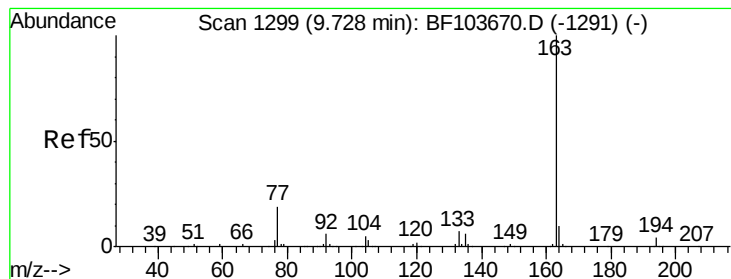
#44
 2-Fluorobiphenyl
 Concen: 81.967 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103821.D
 Acq: 20 Mar 2018 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	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





#49

Dimethylphthalate

Concen: 7.963 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103821.D

Acq: 20 Mar 2018 23:40

Instrument :

BNA_F

ClientSampleId :

TILCON-MT-HOPE-1

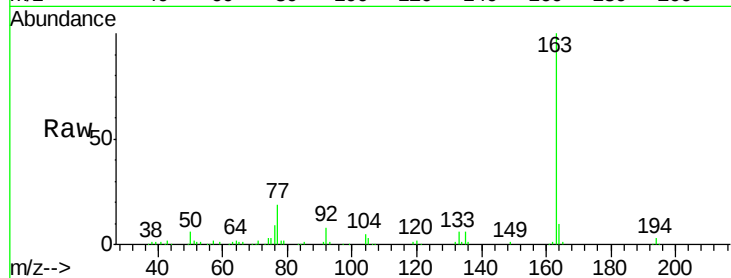
Tot Ion:163 Resp: 152302

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

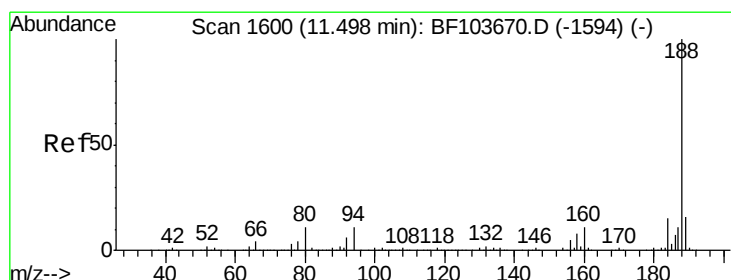
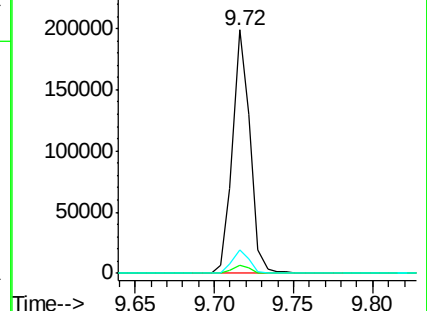
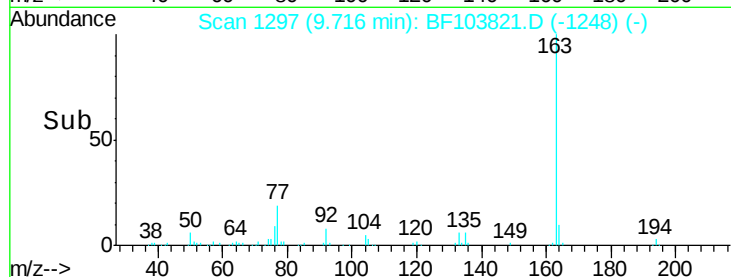
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103821.D

Acq: 20 Mar 2018 23:40

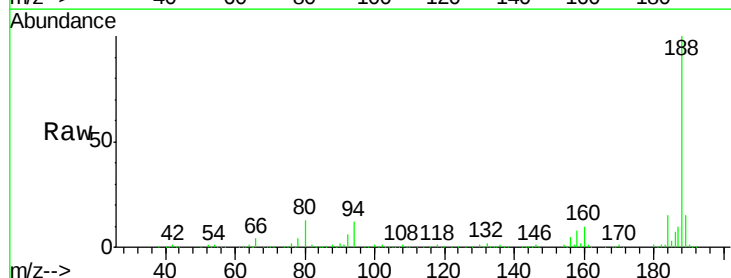
Tgt Ion:188 Resp: 389202

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

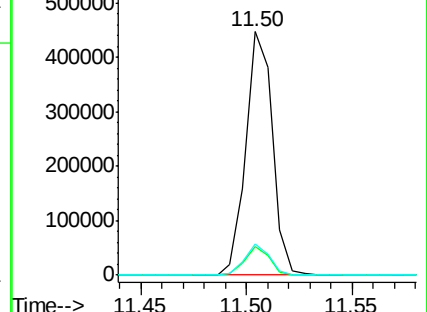
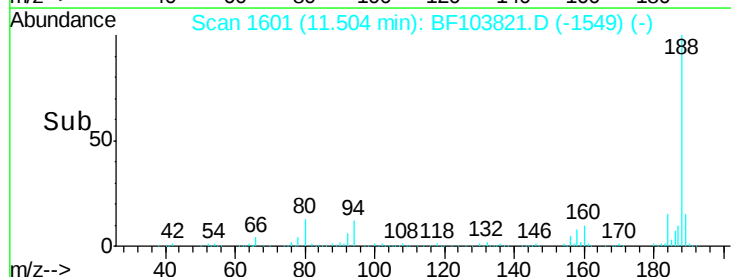
80 12.9 9.2 13.8

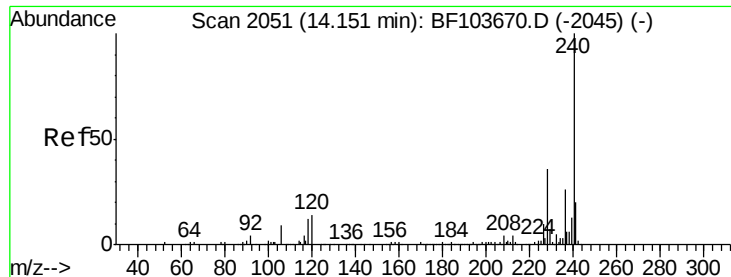


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103821.D

Acq: 20 Mar 2018 23:40

Instrument :

BNA_F

ClientSampleId :

TILCON-MT-HOPE-1

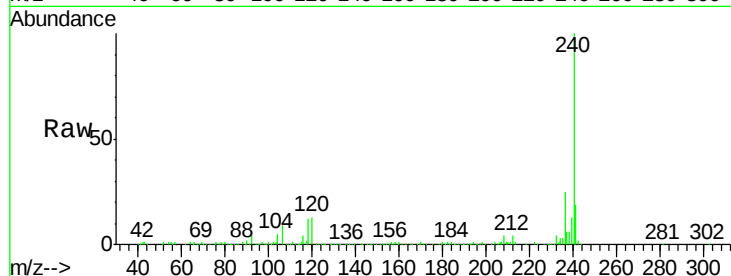
Tot Ion:240 Resp: 266464

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

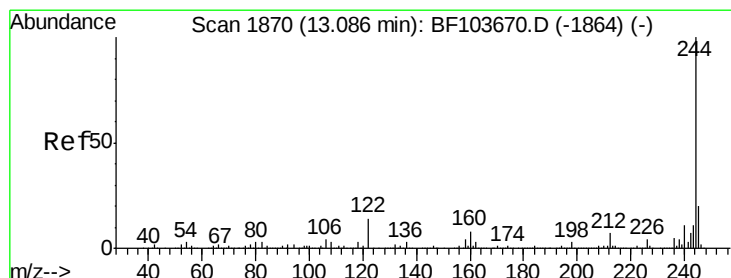
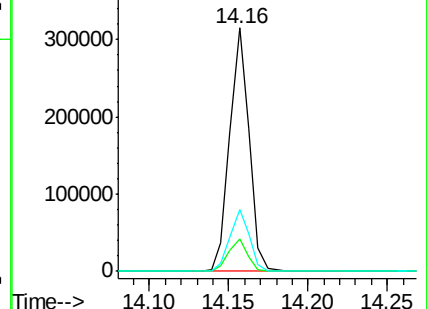
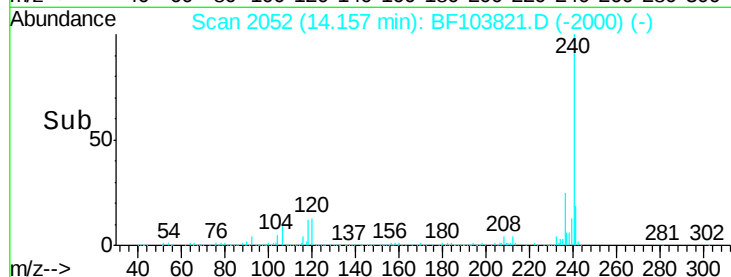
236 25.4 20.7 31.1



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: 83.331 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103821.D

Acq: 20 Mar 2018 23:40

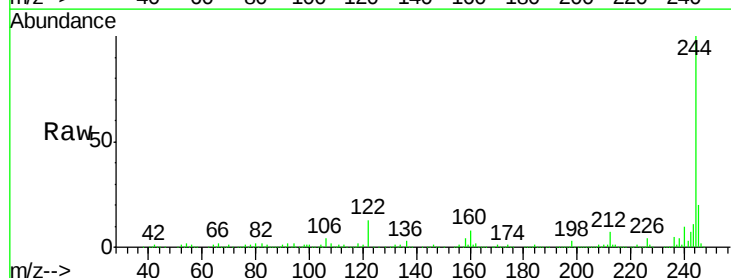
Tgt Ion:244 Resp: 956623

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

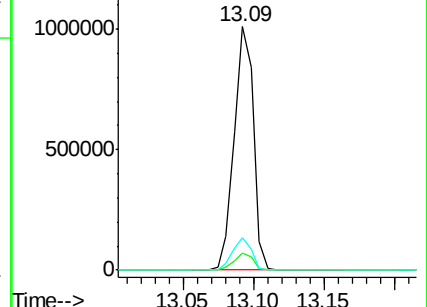
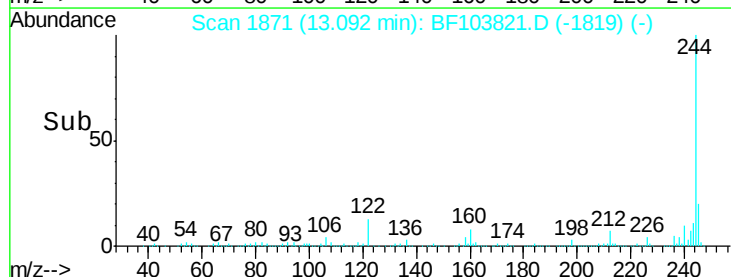
122 13.4 11.0 16.4

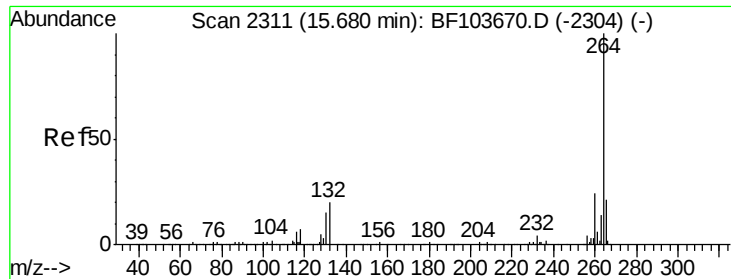


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

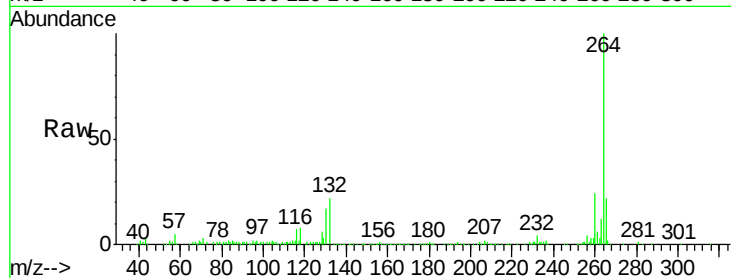




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103821.D
 Acq: 20 Mar 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MT-HOPE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

