

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103870.D
 Acq On : 23 Mar 2018 10:49
 Operator : JU/SJ
 Sample : J1992-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4-A

Quant Time: Mar 23 14:06:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150732	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	604432	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	287198	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	528930	20.00	ng	0.00
75) Chrysene-d12	14.17	240	495696	20.00	ng	0.00
86) Perylene-d12	15.74	264	442198	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	568643	57.38	ng	0.00
7) Phenol-d6	6.59	99	433605	35.76	ng	-0.01
23) Nitrobenzene-d5	7.54	82	952251	109.87	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	410424	166.21	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1602241	88.99	ng	0.00
78) Terphenyl-d14	13.10	244	1718968	80.49	ng	0.00

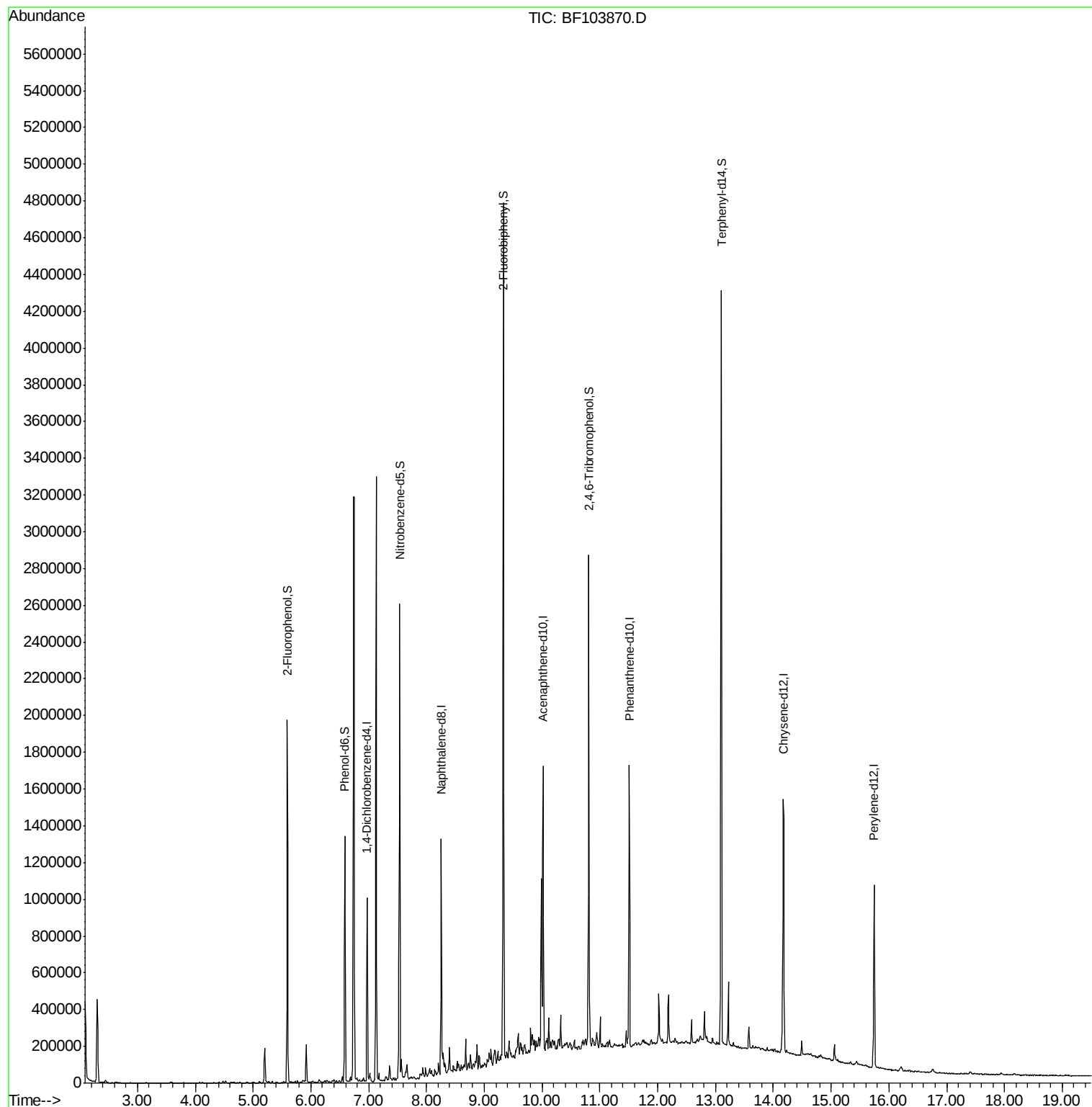
Target Compounds Qvalue

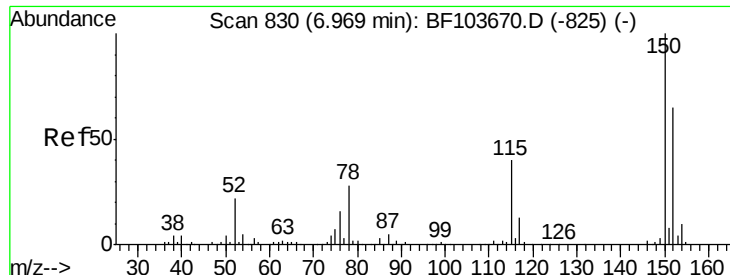
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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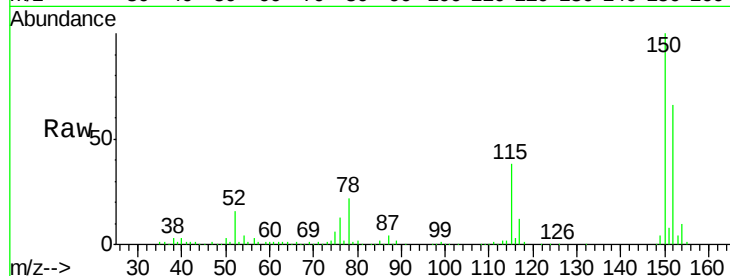


#1

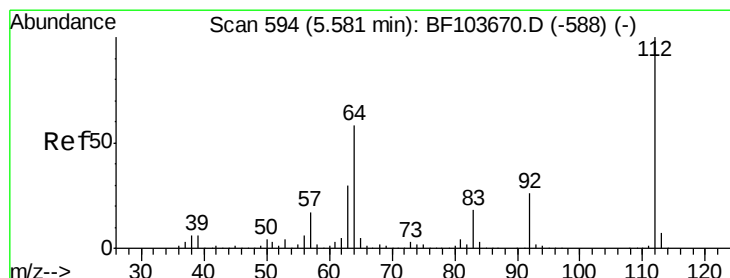
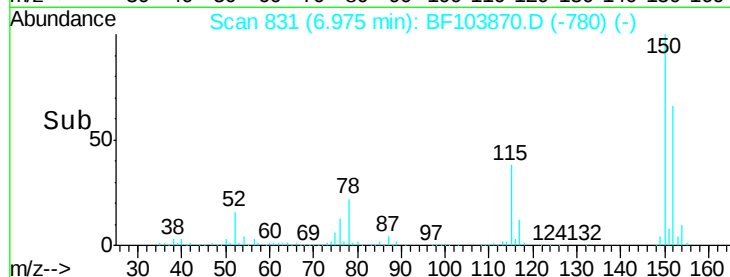
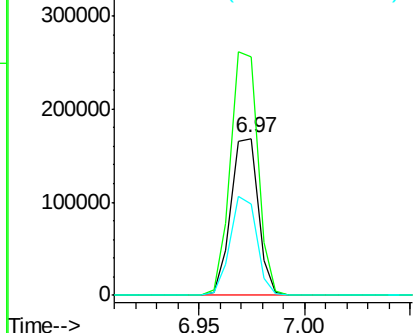
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF103870.D
 Acq: 23 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4-A

Tot Ion:152 Resp: 150732
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.6 186.8
 115 57.9 50.1 75.1



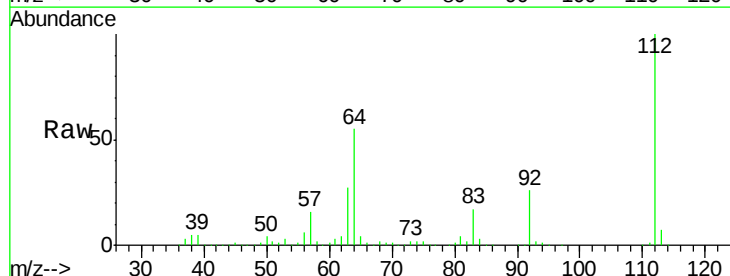
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



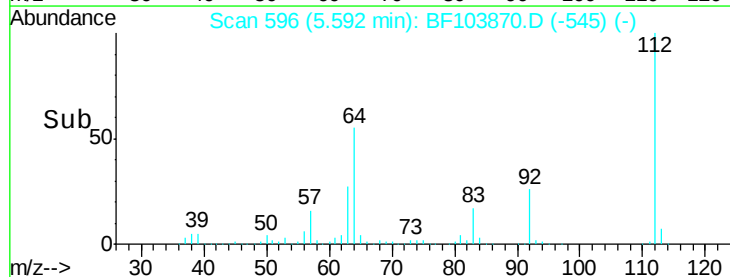
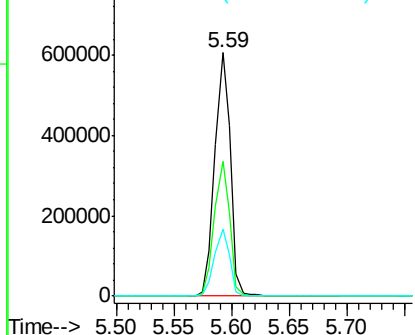
#5

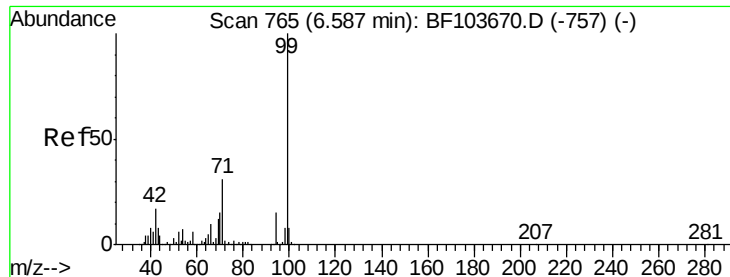
2-Fluorophenol
 Concen: 57.380 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF103870.D
 Acq: 23 Mar 2018 10:49

Tgt Ion:112 Resp: 568643
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 27.3 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: 35.763 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103870.D

Acq: 23 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4-A

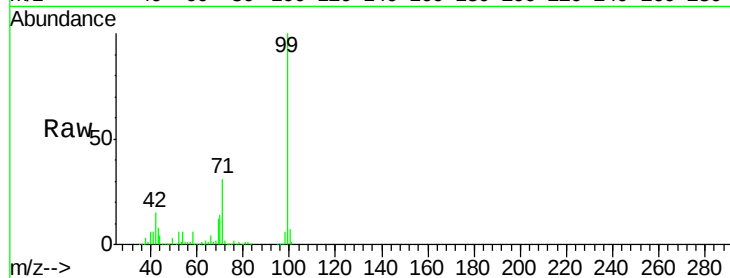
Tot Ion: 99 Resp: 433605

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

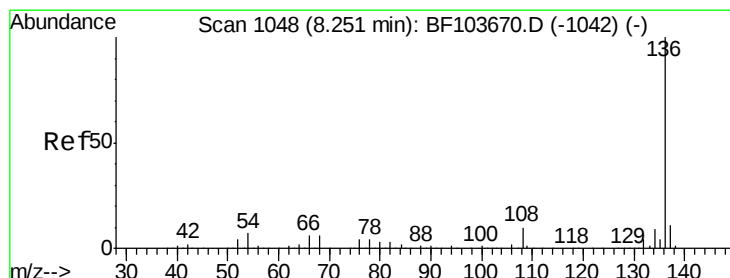
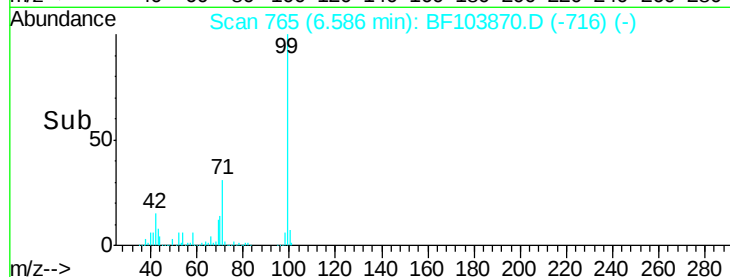
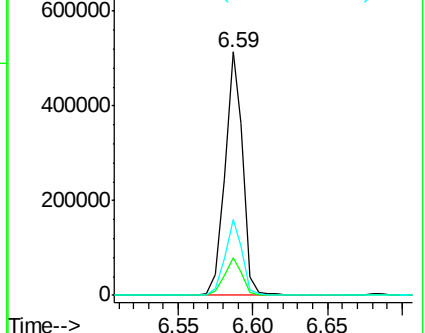
71 31.3 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103870.D

Acq: 23 Mar 2018 10:49

Tgt Ion: 136 Resp: 604432

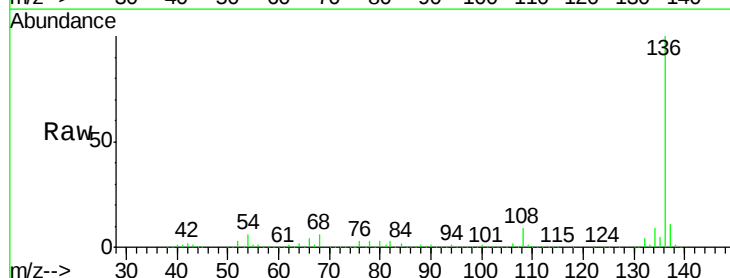
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.8 5.0 7.4

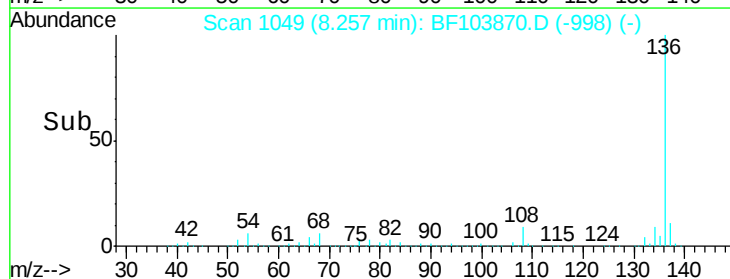
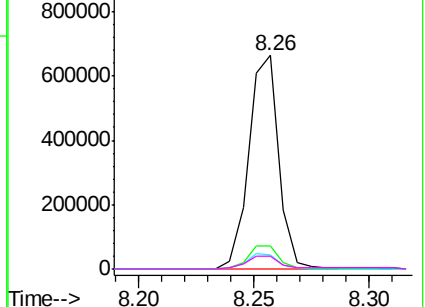


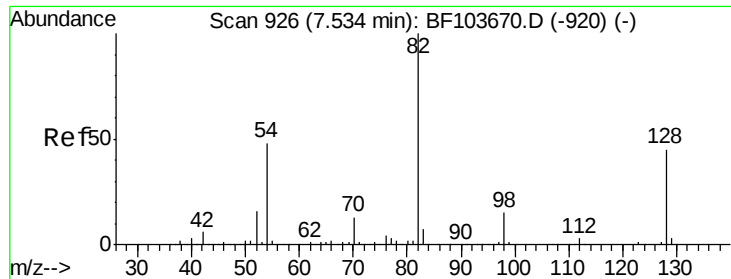
Abundance Ion 136.00 (135.70 to 136.70): E

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

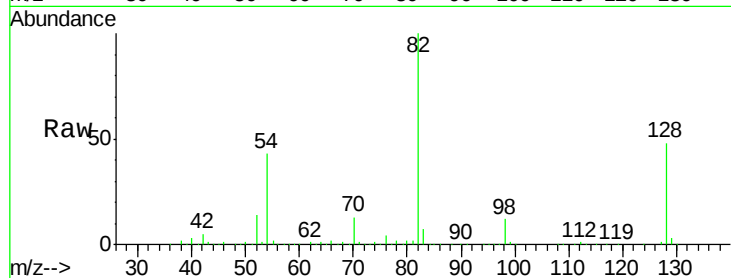




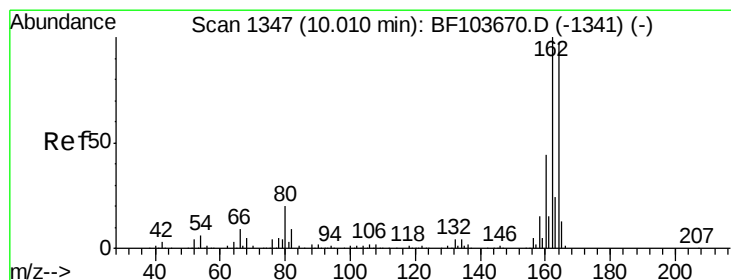
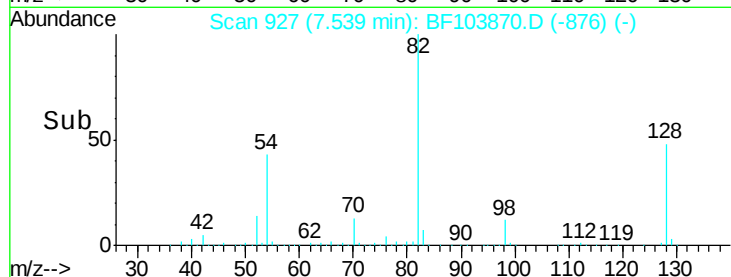
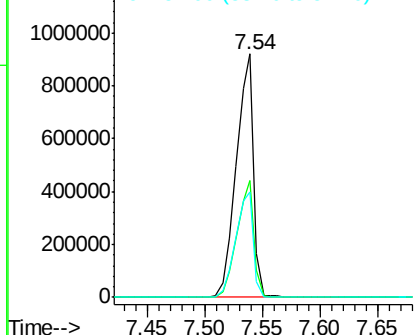
#23
Nitrobenzene-d5
Concen: 109.865 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4-A

Tot Ion: 82 Resp: 952251
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 43.4 41.4 62.2

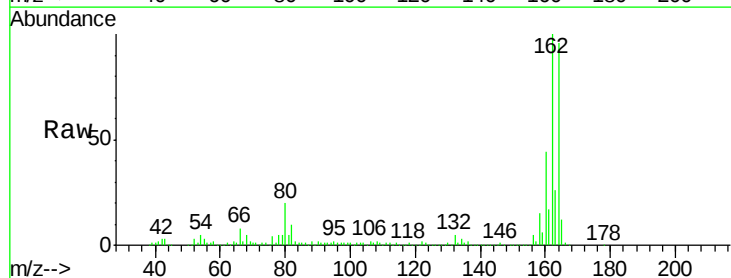


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

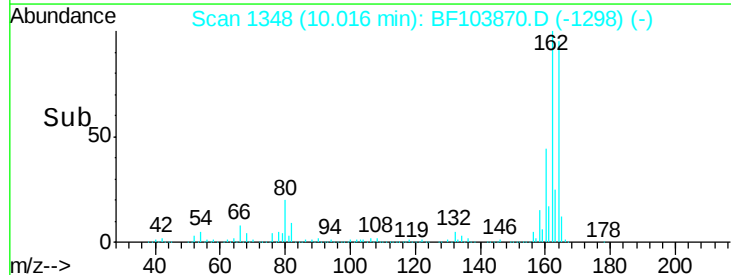
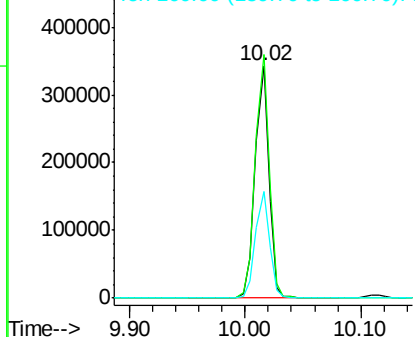


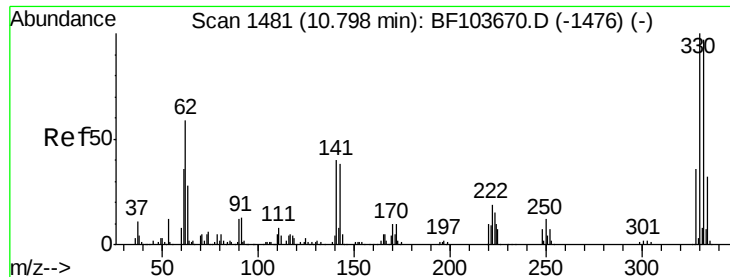
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:164 Resp: 287198
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 46.0 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

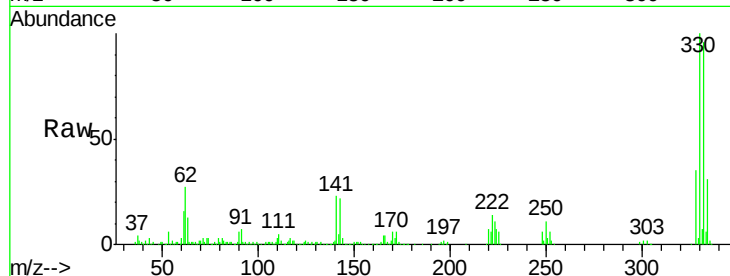




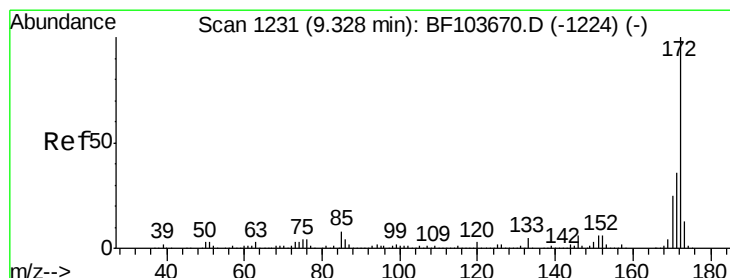
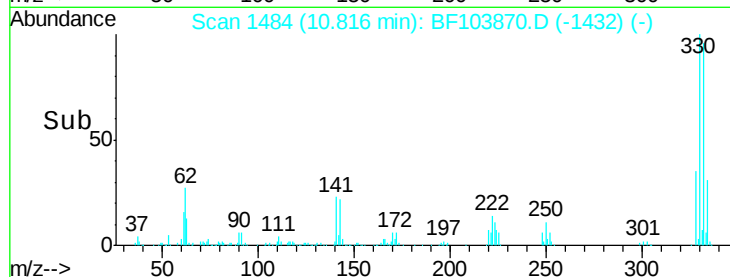
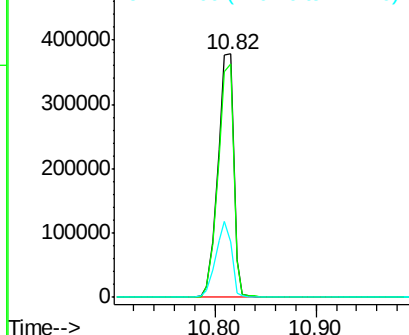
#41
 2,4,6-Tribromophenol
 Concen: 166.208 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103870.D
 Acq: 23 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	30.5	29.9	44.9

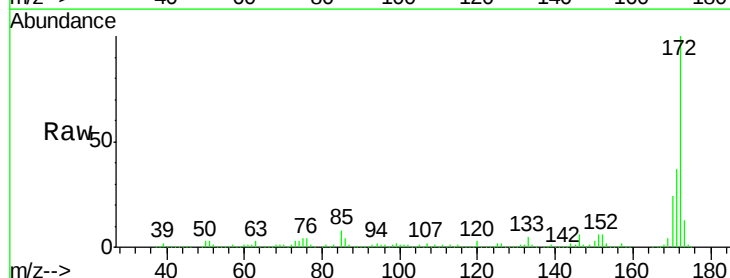


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

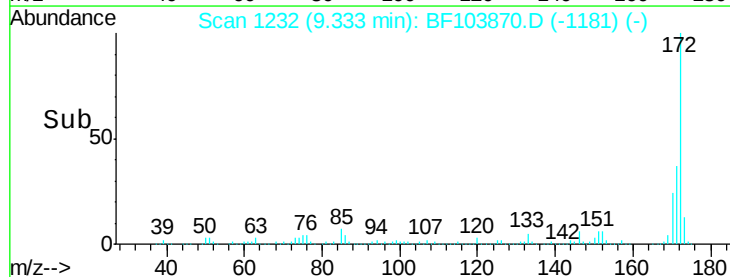
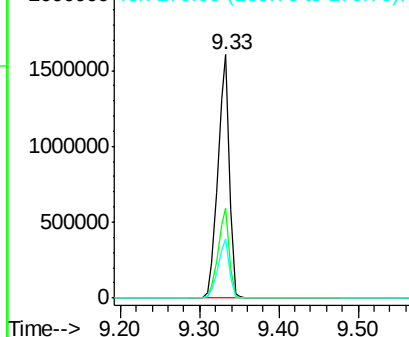


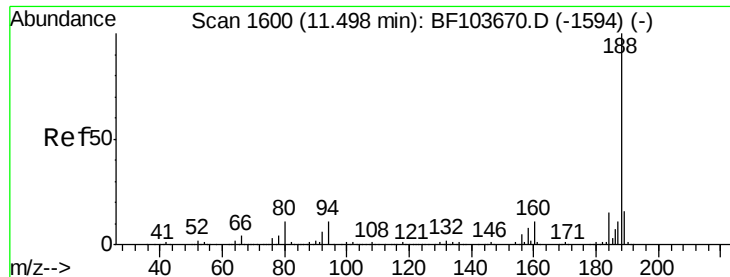
#44
 2-Fluorobiphenyl
 Concen: 88.991 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103870.D
 Acq: 23 Mar 2018 10:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	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

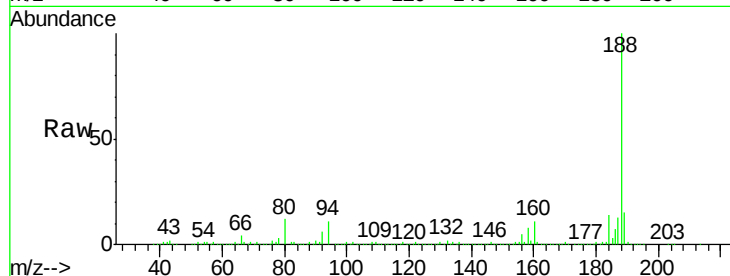




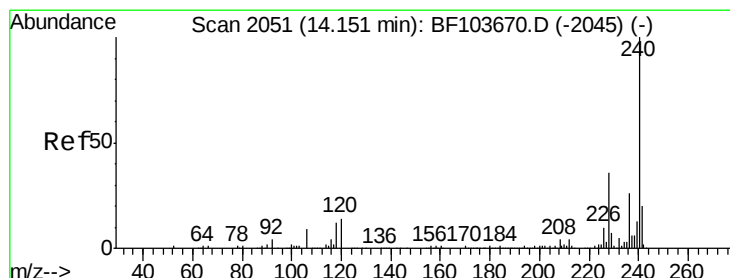
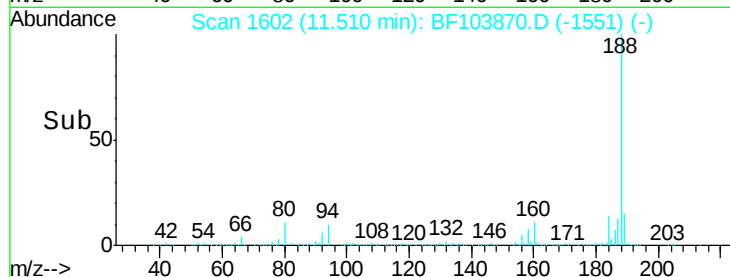
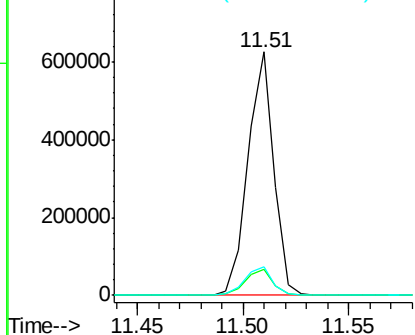
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4-A

Tot Ion:188 Resp: 528930
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.5 9.2 13.8

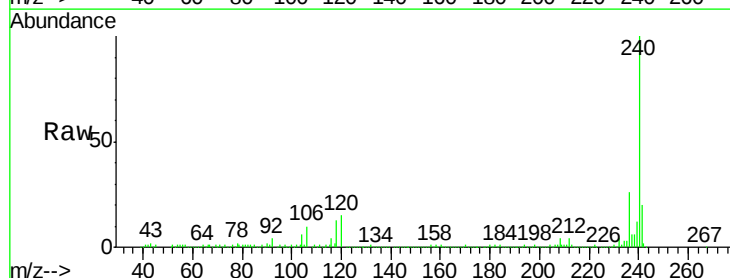


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

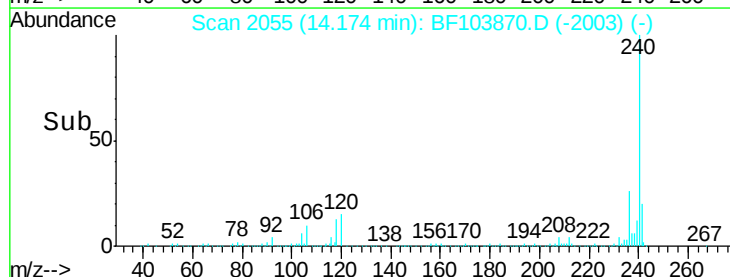
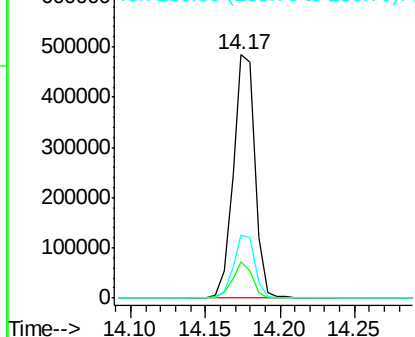


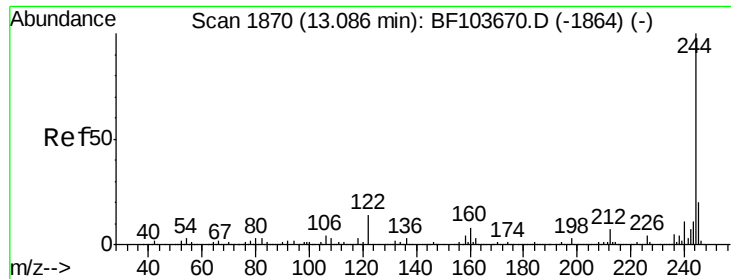
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:240 Resp: 495696
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 26.2 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

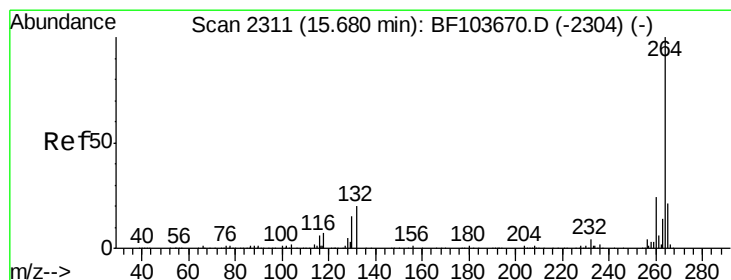
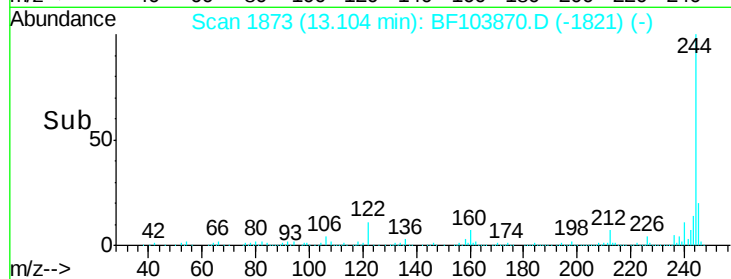
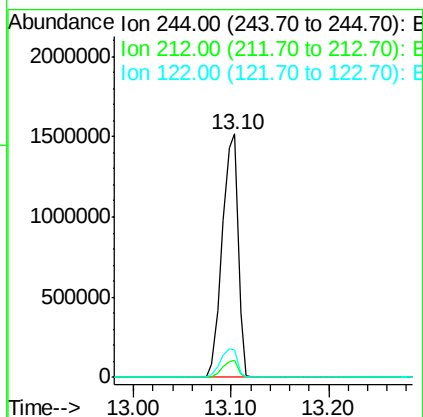
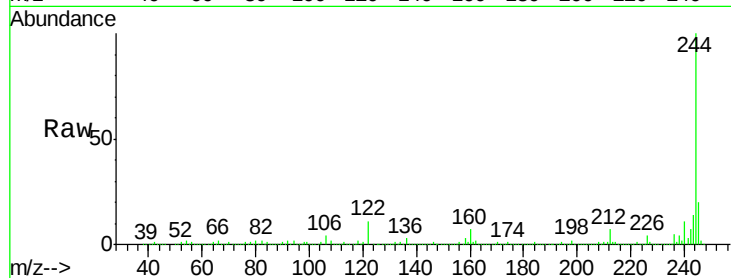




#78
 Terphenyl-d14
 Concen: 80.492 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF103870.D
 Acq: 23 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4-A

Tot Ion:244 Resp: 1718968
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2322
 Delta R.T. 0.04 min
 Lab File: BF103870.D
 Acq: 23 Mar 2018 10:49

Tgt Ion:264 Resp: 442198
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.2 28.8
 265 21.9 17.5 26.3

