

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
 Data File : BF078089.D
 Acq On : 30 Mar 2015 18:50
 Operator : TP/IZ
 Sample : G1701-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 0.5

Instrument :
 BNA_F
 ClientSampleId :
 FS-020

Quant Time: Mar 31 07:42:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:37:34 2015
 Response via : Initial Calibration

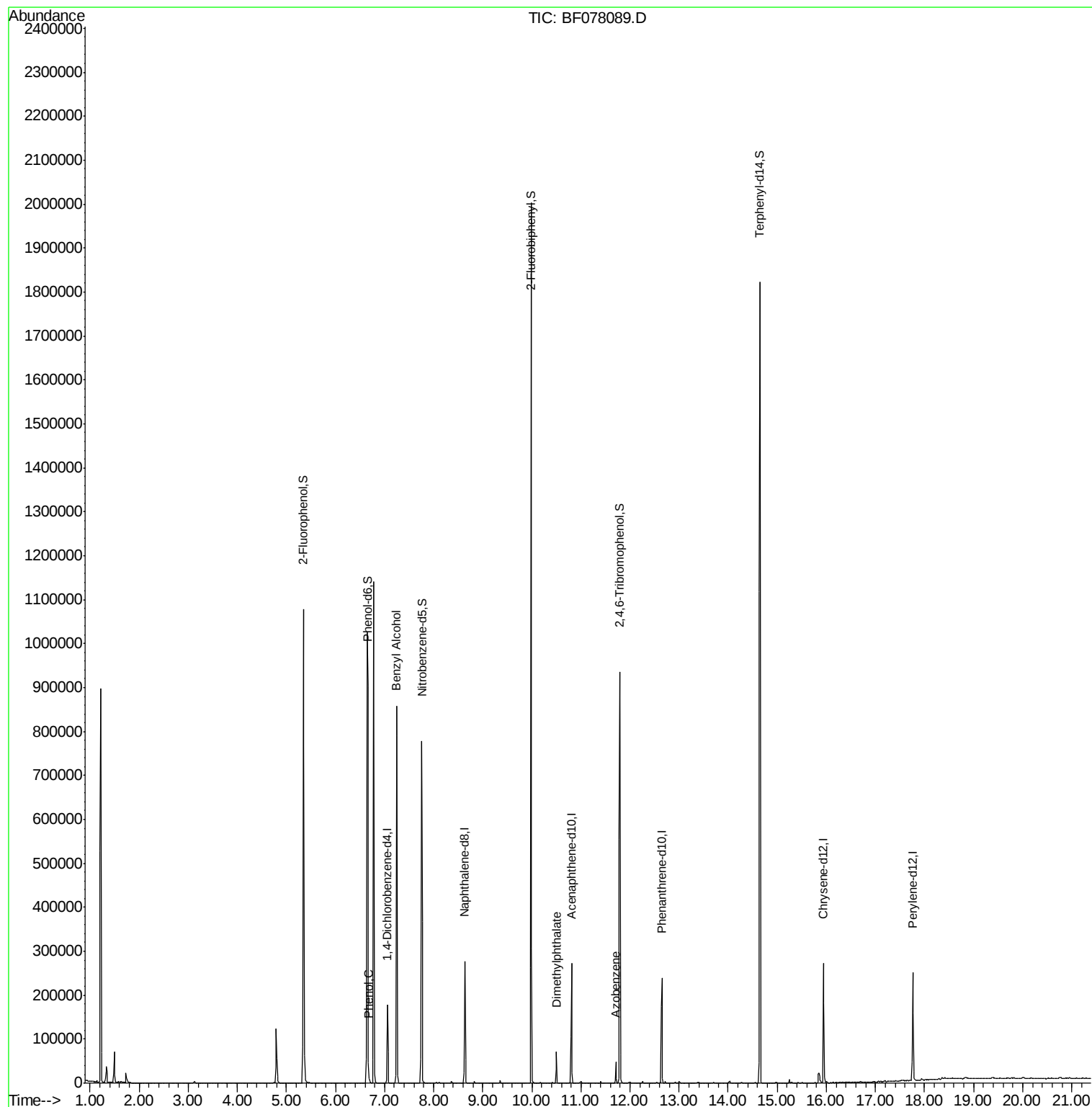
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	31118	10.00	ng	-0.01
21) Naphthalene-d8	8.64	136	127060	10.00	ng	-0.01
38) Acenaphthene-d10	10.81	164	61959	10.00	ng	-0.01
63) Phenanthrene-d10	12.65	188	123397	10.00	ng	-0.01
75) Chrysene-d12	15.94	240	130932	10.00	ng	0.01
86) Perylene-d12	17.76	264	125552	10.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	428588	120.21	ng	-0.02
7) Phenol-d6	6.66	99	544477	123.60	ng	-0.01
23) Nitrobenzene-d5	7.76	82	293635	75.74	ng	-0.02
41) 2,4,6-Tribromophenol	11.79	330	133523	112.62	ng	-0.01
44) 2-Fluorobiphenyl	9.98	172	622828	73.86	ng	-0.01
78) Terphenyl-d14	14.65	244	755662	70.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.50	163	37907	4.12	ng	Qvalue 98

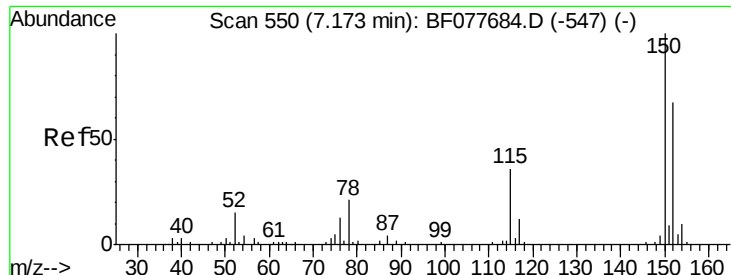
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 10.00 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Instrument :

BNA_F

ClientSampleId :

FS-020

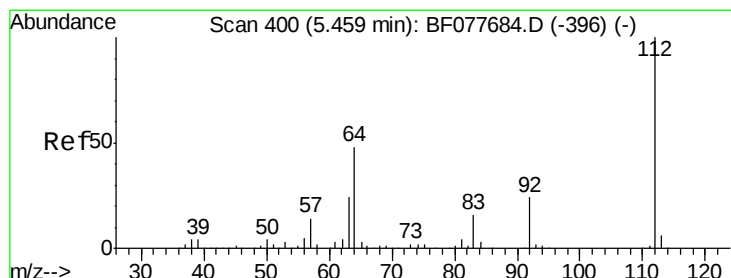
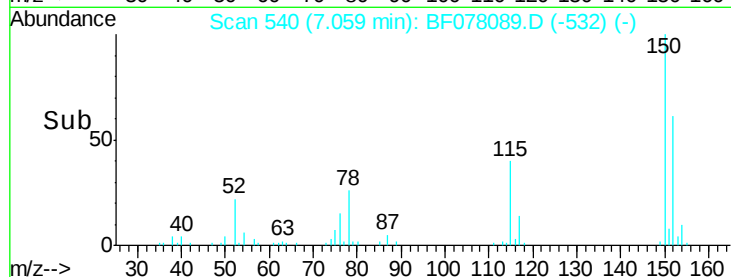
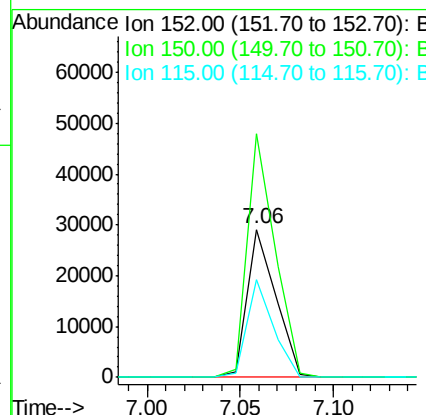
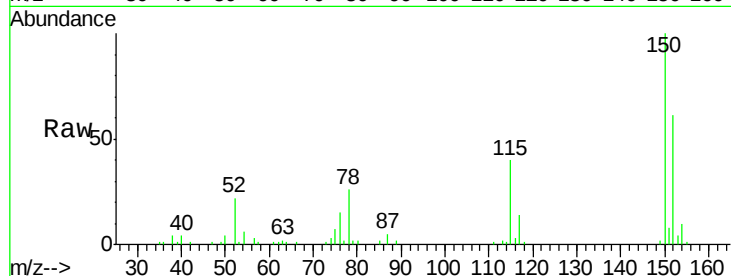
Tgt Ion:152 Resp: 31118

Ion Ratio Lower Upper

152 100

150 164.5 119.5 179.3

115 66.3 43.0 64.4#



#5

2-Fluorophenol

Concen: 120.21 ng

RT: 5.34 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

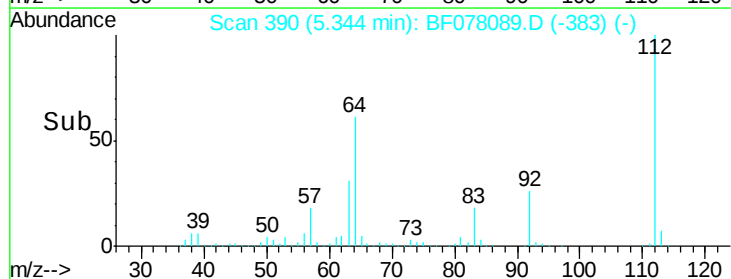
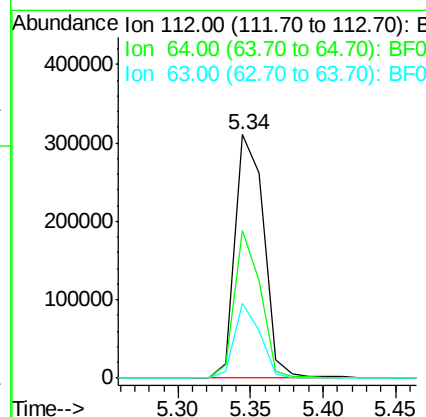
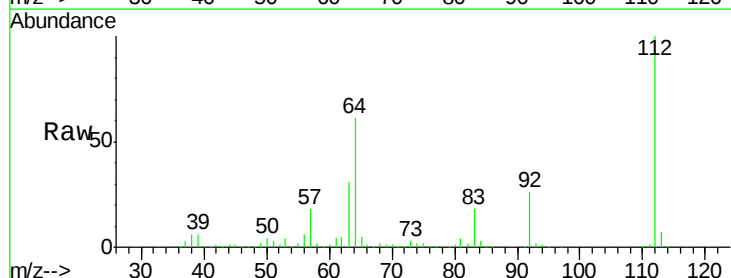
Tgt Ion:112 Resp: 428588

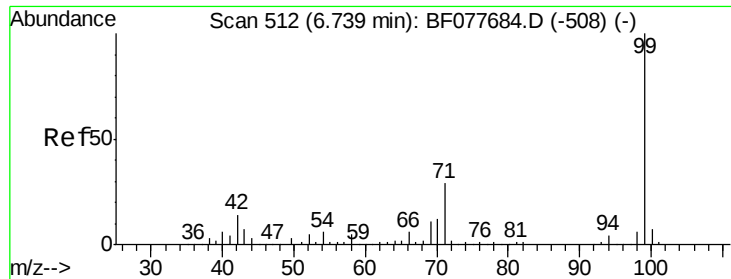
Ion Ratio Lower Upper

112 100

64 60.6 38.6 57.8#

63 30.6 19.3 28.9#





#7

Phenol-d6

Concen: 123.60 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Instrument :

BNA_F

ClientSampleId :

FS-020

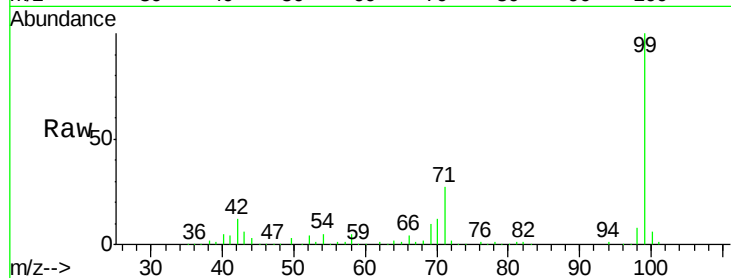
Tgt Ion: 99 Resp: 544477

Ion Ratio Lower Upper

99 100

42 12.2 11.0 16.4

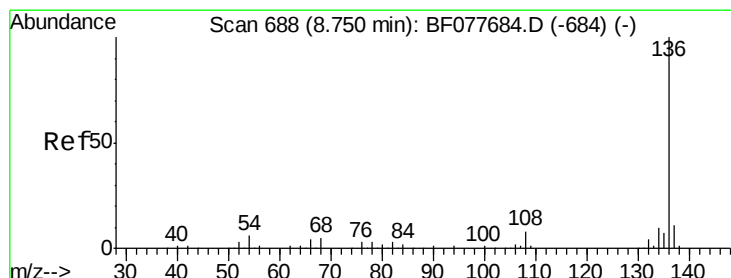
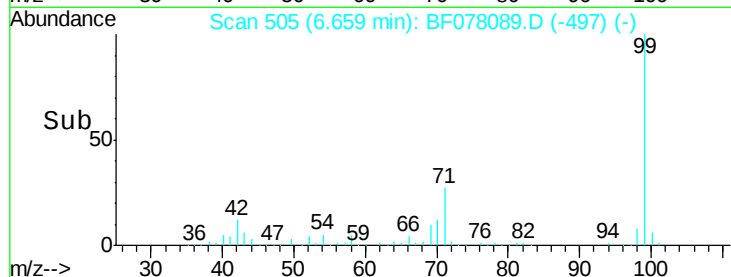
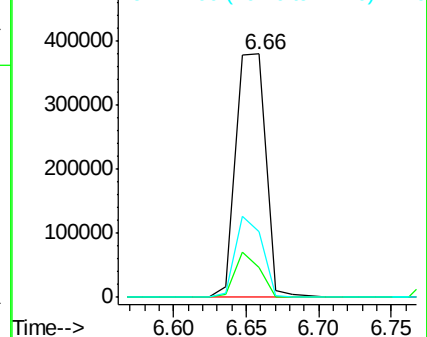
71 27.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 10.00 ng

RT: 8.64 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Tgt Ion: 136 Resp: 127060

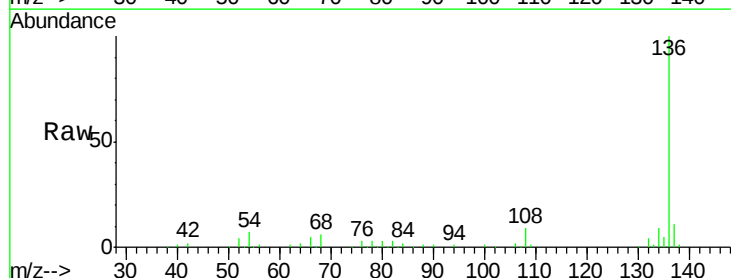
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.3 4.6 6.8#

68 5.6 3.7 5.5#

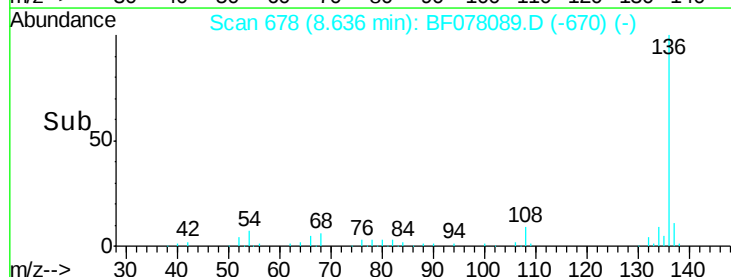
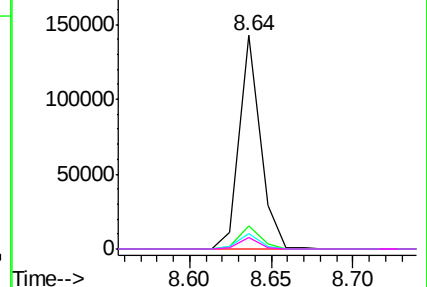


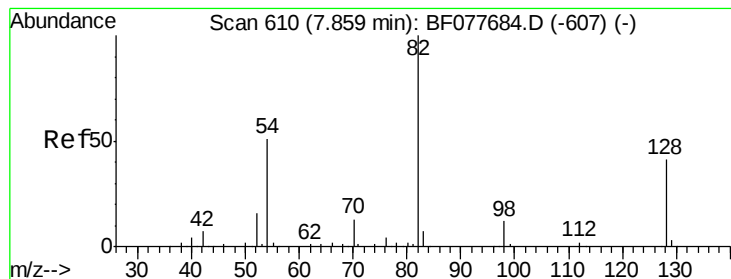
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 75.74 ng

RT: 7.76 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Instrument :

BNA_F

ClientSampleId :

FS-020

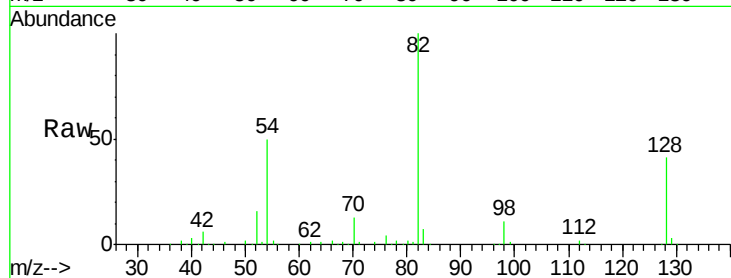
Tgt Ion: 82 Resp: 293635

Ion Ratio Lower Upper

82 100

128 41.2 32.8 49.2

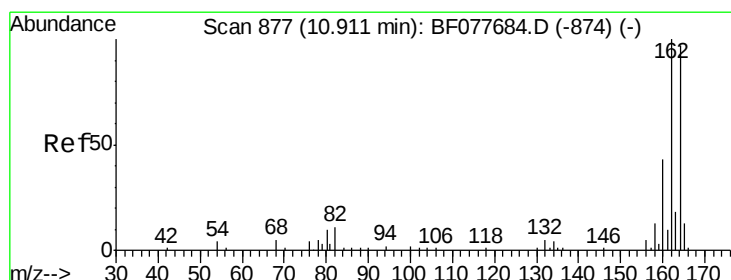
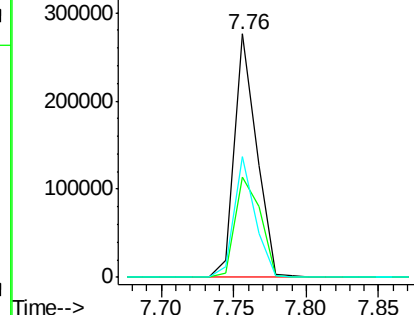
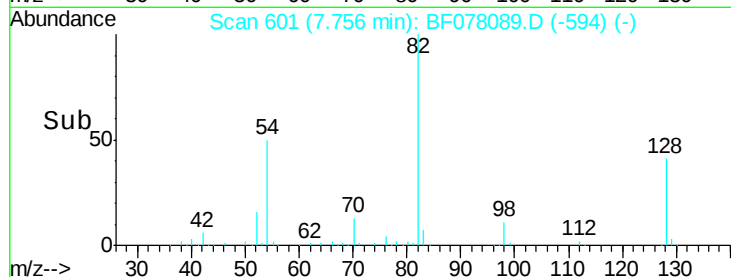
54 49.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 10.00 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

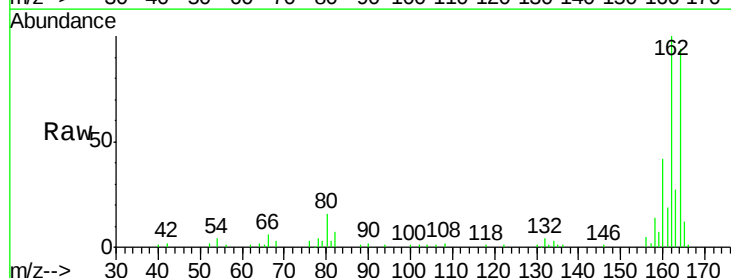
Tgt Ion: 164 Resp: 61959

Ion Ratio Lower Upper

164 100

162 106.5 82.4 123.6

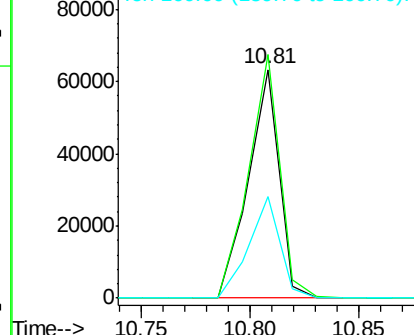
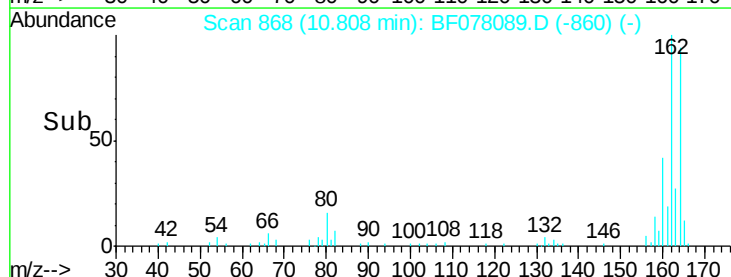
160 44.3 35.8 53.6

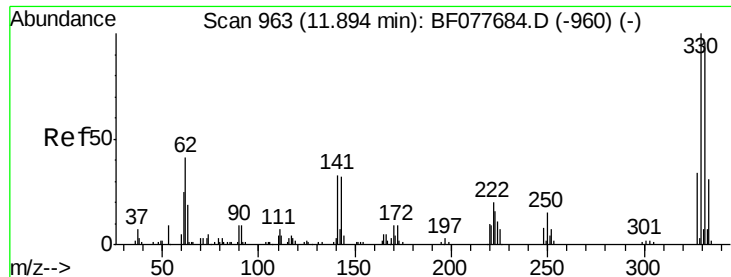


Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

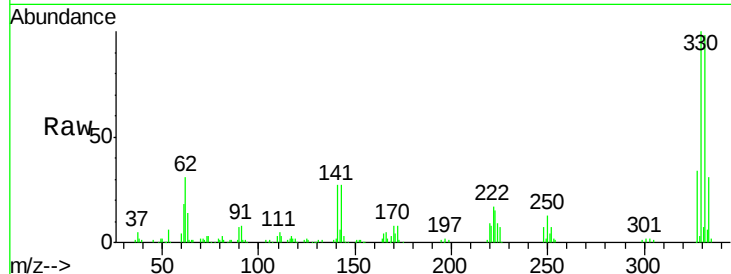




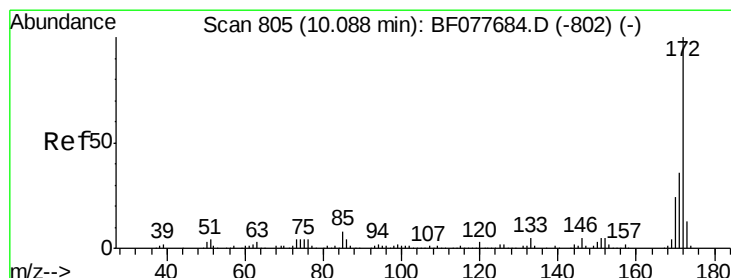
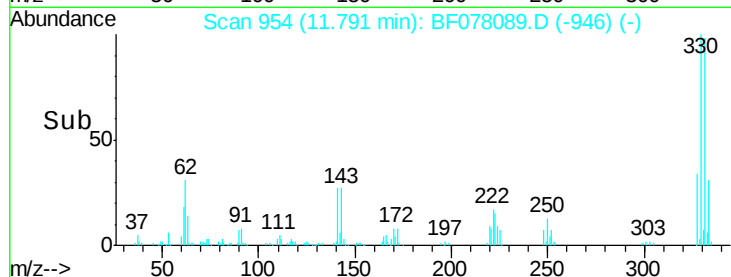
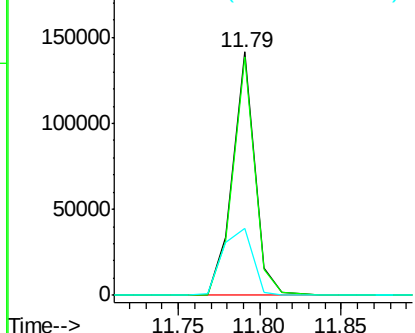
#41
 2,4,6-Tribromophenol
 Concen: 112.62 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF078089.D
 Acq: 30 Mar 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FS-020

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	37.5	0.0	0.0#

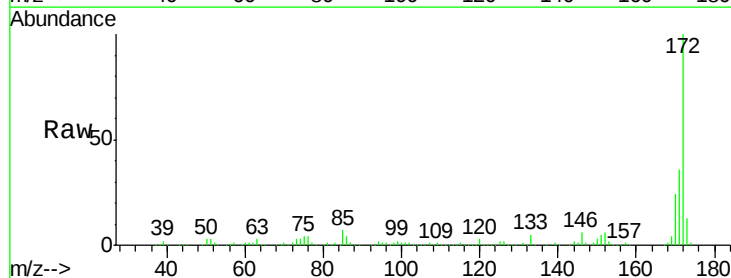


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

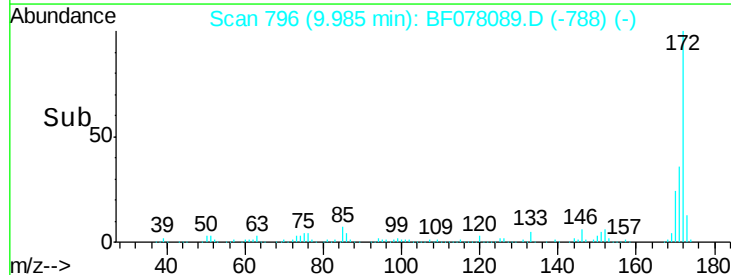
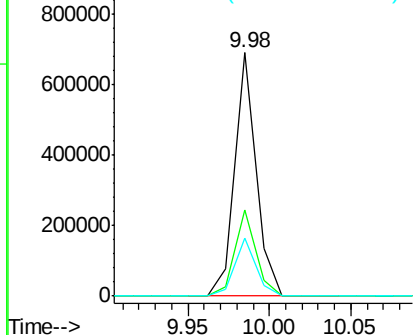


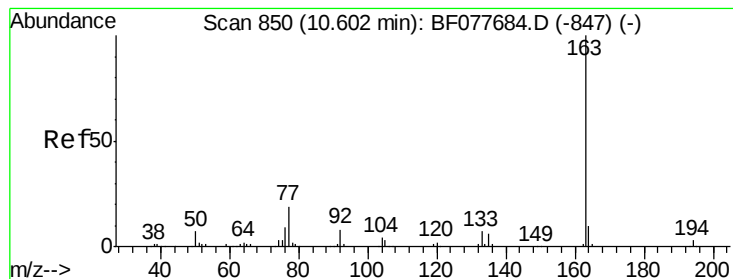
#44
 2-Fluorobiphenyl
 Concen: 73.86 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078089.D
 Acq: 30 Mar 2015 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.9	18.8	28.2



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: 4.12 ng

RT: 10.50 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Instrument :

BNA_F

ClientSampleId :

FS-020

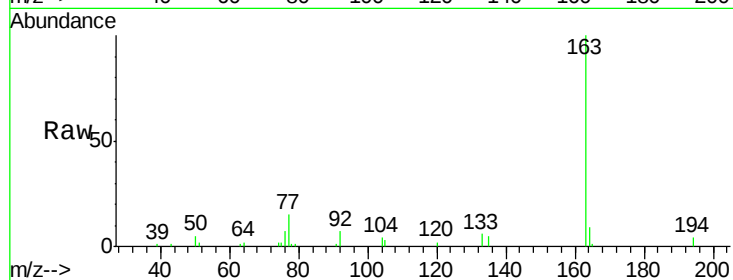
Tgt Ion:163 Resp: 37907

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

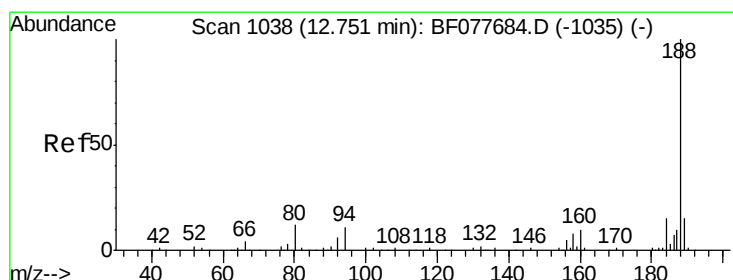
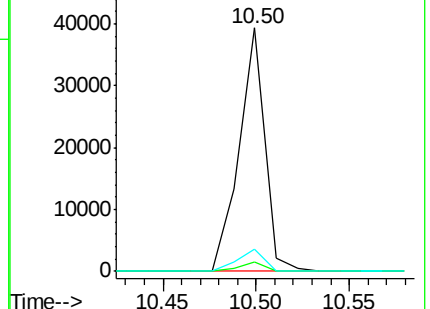
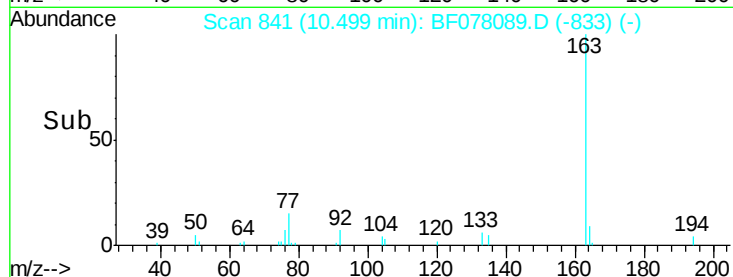
164 9.2 8.2 12.2



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: 10.00 ng

RT: 12.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

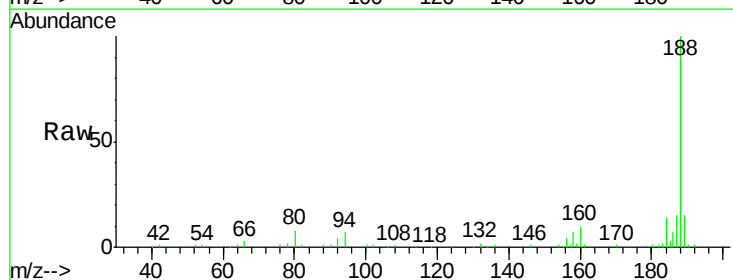
Tgt Ion:188 Resp: 123397

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

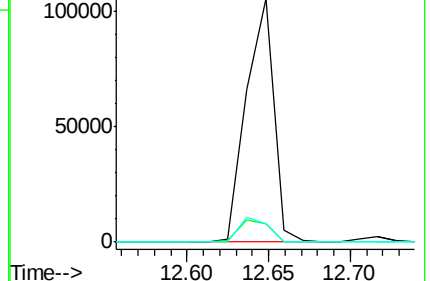
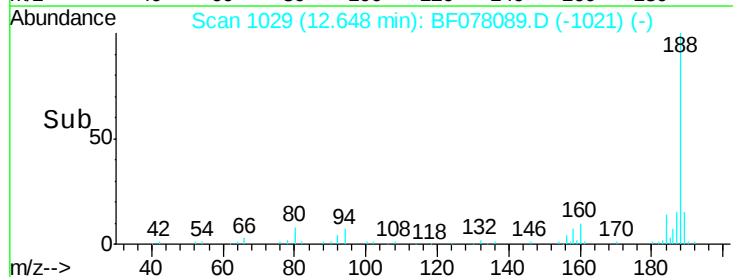
80 7.5 9.3 13.9#

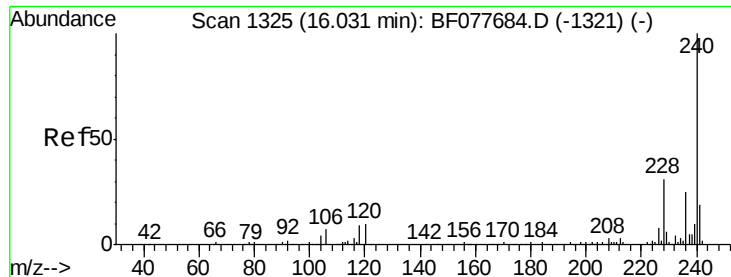


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 10.00 ng

RT: 15.94 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Instrument :

BNA_F

ClientSampled :

FS-020

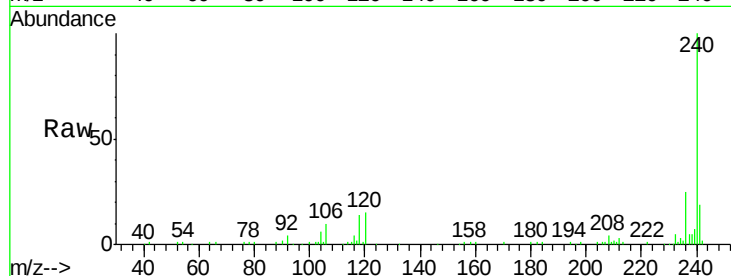
Tgt Ion:240 Resp: 130932

Ion Ratio Lower Upper

240 100

120 15.1 8.2 12.2#

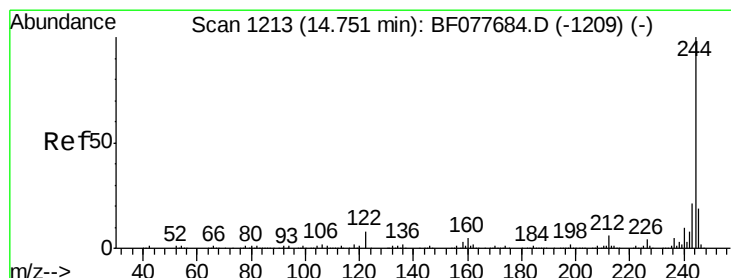
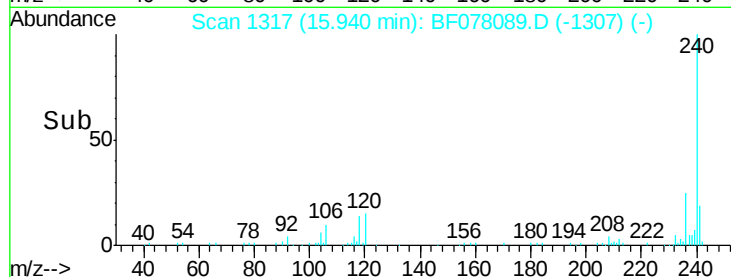
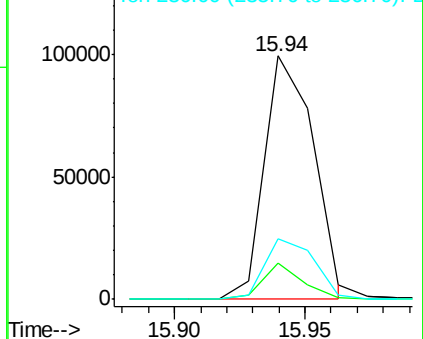
236 25.0 20.0 30.0



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: 70.49 ng

RT: 14.65 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

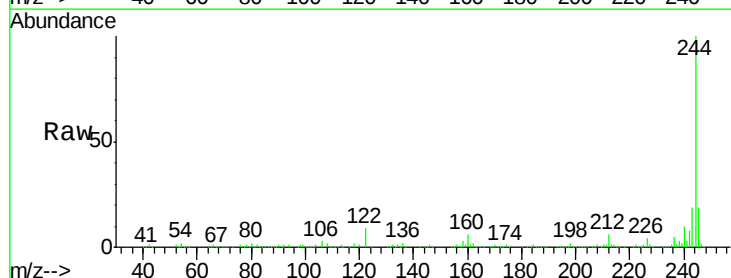
Tgt Ion:244 Resp: 755662

Ion Ratio Lower Upper

244 100

212 6.4 4.9 7.3

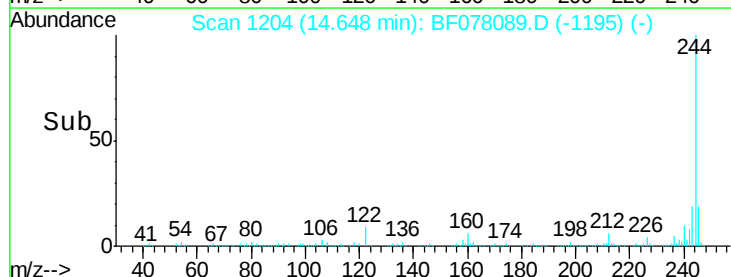
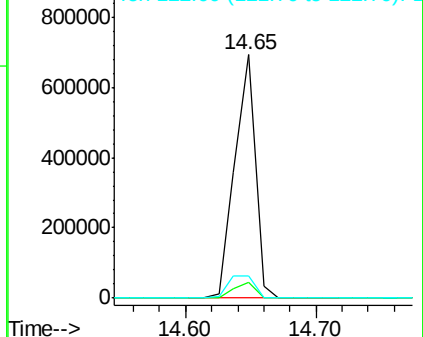
122 9.1 6.2 9.4

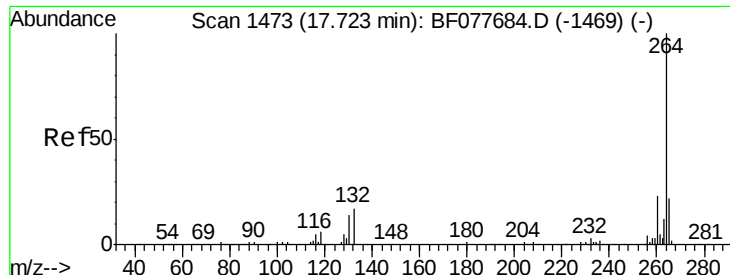


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 10.00 ng
RT: 17.76 min Scan# 1476
Delta R.T. 0.14 min
Lab File: BF078089.D
Acq: 30 Mar 2015 18:50

Instrument :
BNA_F
ClientSampleId :
FS-020

Tgt Ion: 264 Resp: 125552
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 22.0 17.3 25.9

