

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
 Data File : BF077237.D
 Acq On : 10 Feb 2015 16:22
 Operator : TP/IZ
 Sample : PB81682BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BL

Quant Time: Feb 11 04:04:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	38093	20.00	ng	-0.01
21) Naphthalene-d8	10.50	136	162895	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	95369	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	158860	20.00	ng	0.00
75) Chrysene-d12	21.01	240	148131	20.00	ng	0.00
86) Perylene-d12	22.67	264	124306	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.59	112	202081	87.22	ng	0.00
7) Phenol-d6	7.00	99	252242	86.30	ng	-0.01
23) Nitrobenzene-d5	8.90	82	147652	50.22	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	53124	68.62	ng	0.00
44) 2-Fluorobiphenyl	13.15	172	325633	51.96	ng	-0.01
78) Terphenyl-d14	19.76	244	362326	56.31	ng	0.00

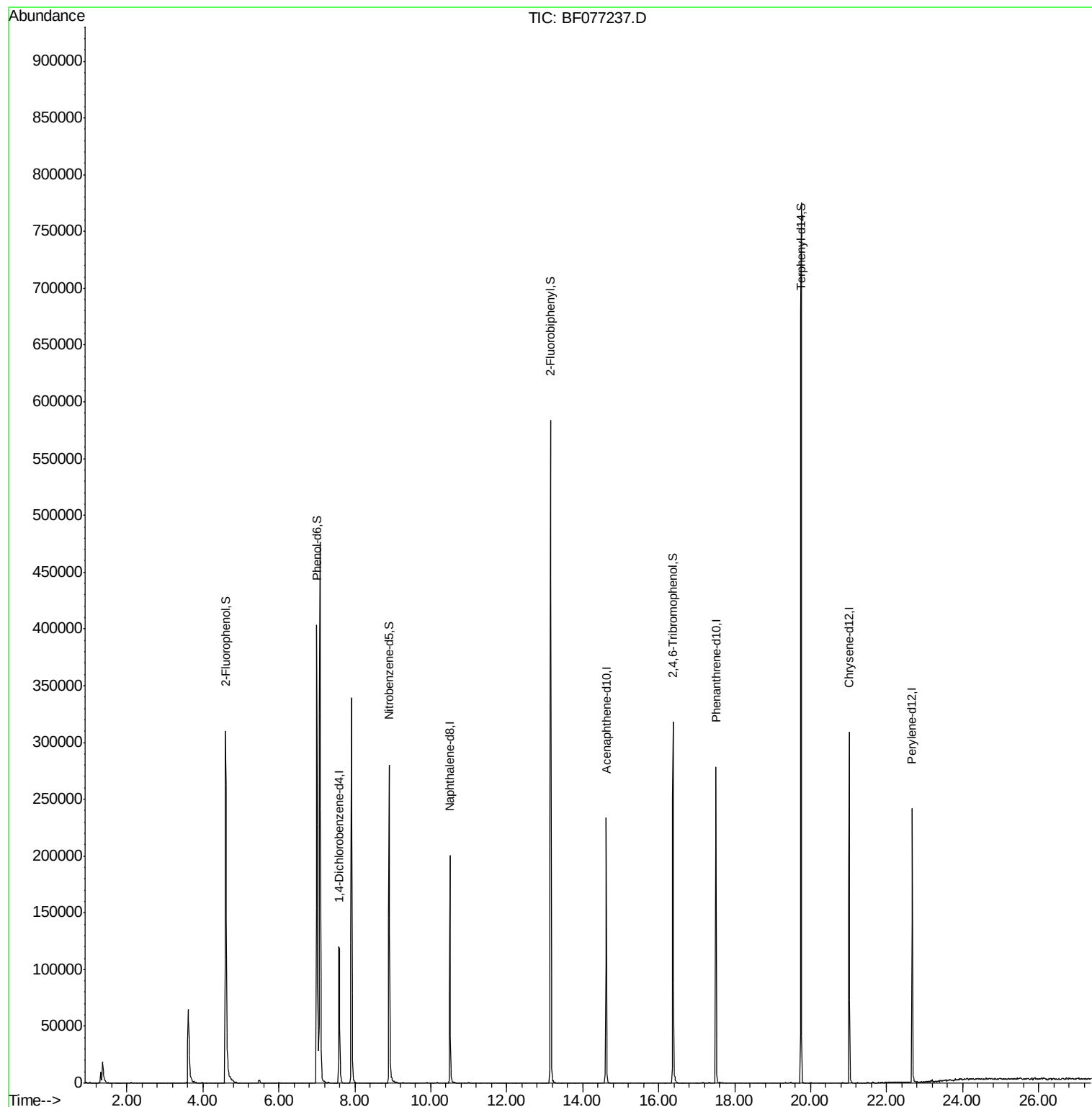
Target Compounds Qvalue

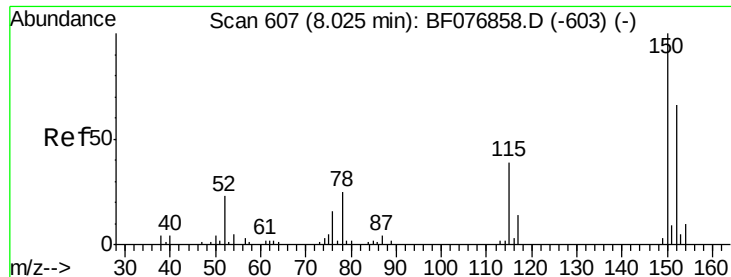
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF077237.D

Acq: 10 Feb 2015 16:22

Instrument :

BNA_F

ClientSampleId :

PB81682BL

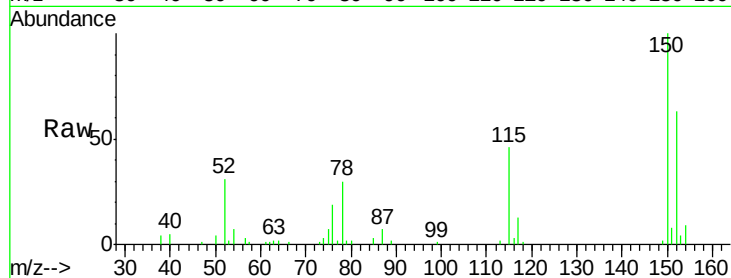
Tot Ion:152 Resp: 38093

Ion Ratio Lower Upper

152 100

150 158.1 121.7 182.5

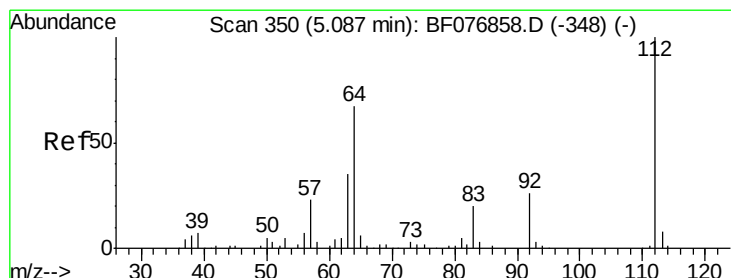
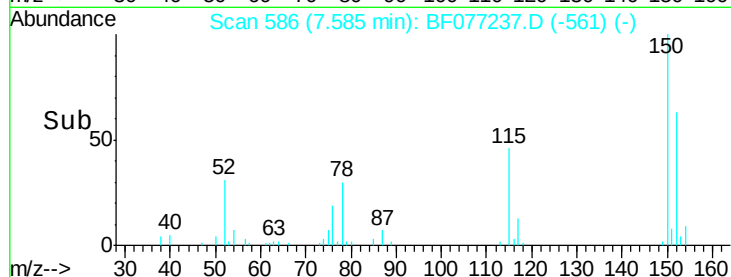
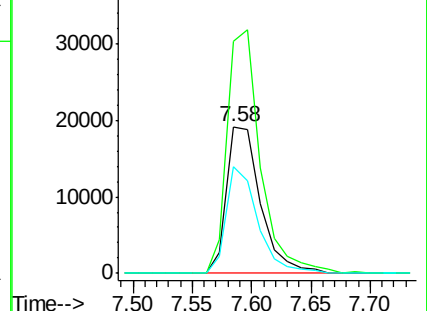
115 72.5 47.0 70.6#



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: 87.22 ng

RT: 4.59 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF077237.D

Acq: 10 Feb 2015 16:22

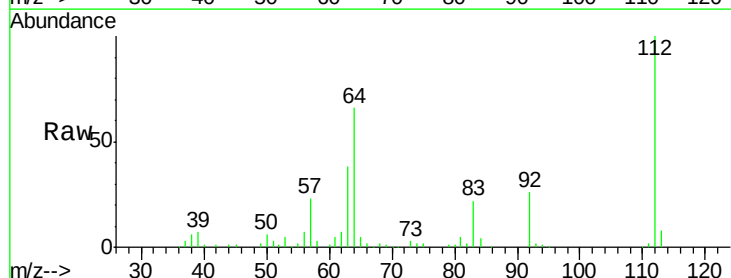
Tgt Ion:112 Resp: 202081

Ion Ratio Lower Upper

112 100

64 66.1 54.2 81.4

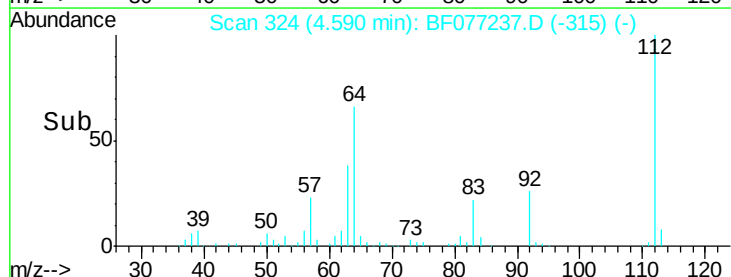
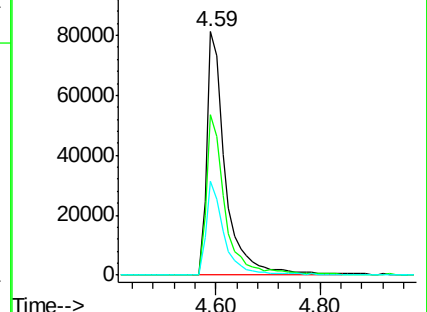
63 38.4 28.4 42.6

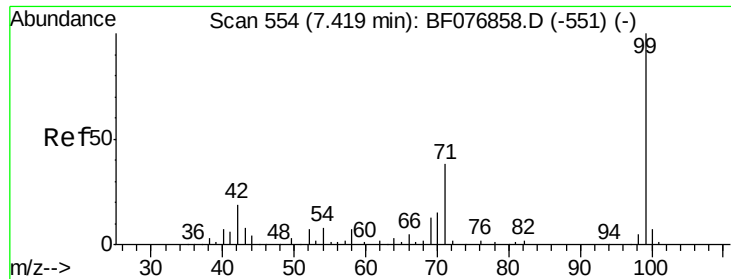


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 86.30 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF077237.D

Acq: 10 Feb 2015 16:22

Instrument :

BNA_F

ClientSampleId :

PB81682BL

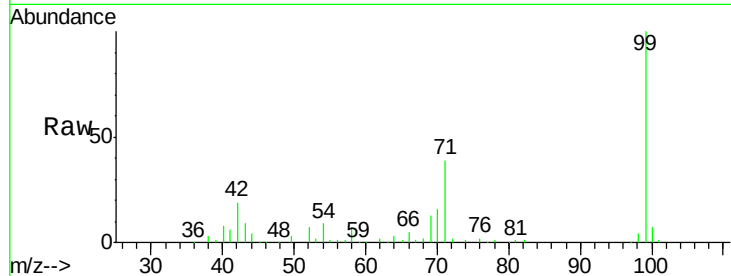
Tot Ion: 99 Resp: 252242

Ion Ratio Lower Upper

99 100

42 18.5 15.0 22.4

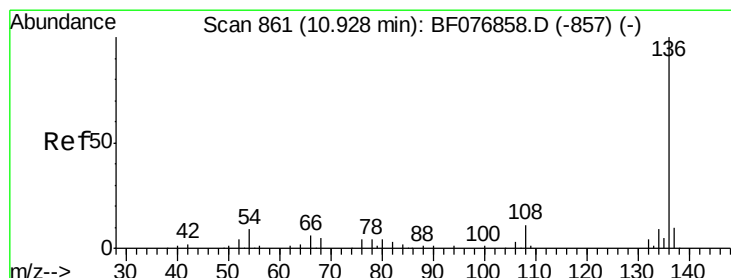
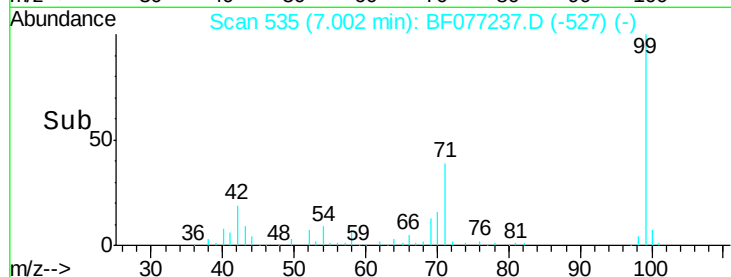
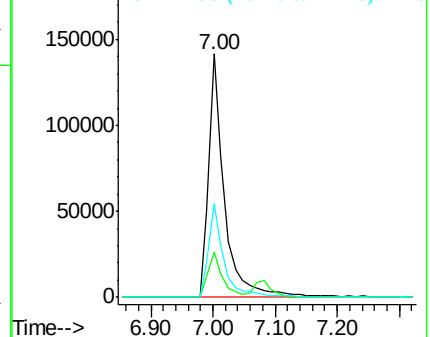
71 38.7 30.5 45.7



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: 20.00 ng

RT: 10.50 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF077237.D

Acq: 10 Feb 2015 16:22

Tgt Ion: 136 Resp: 162895

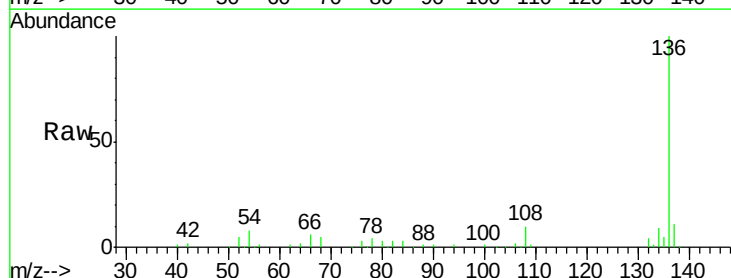
Ion Ratio Lower Upper

136 100

137 10.9 8.1 12.1

54 8.2 7.0 10.4

68 4.6 3.7 5.5

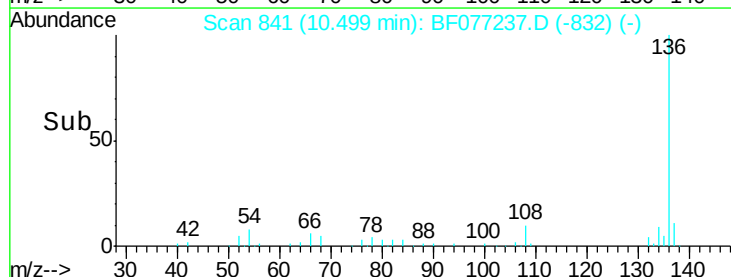
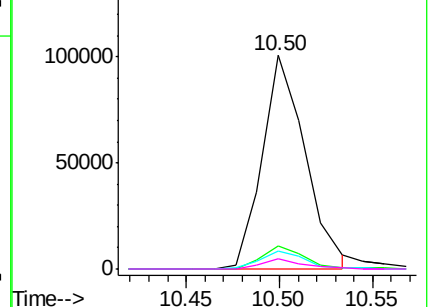


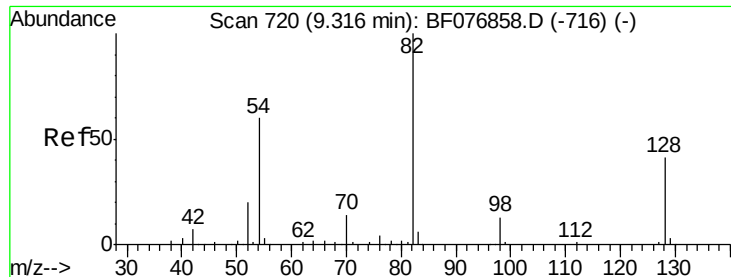
Abundance Ion 136.00 (135.70 to 136.70): E

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

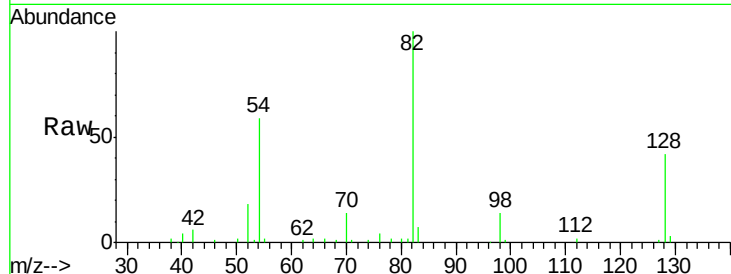




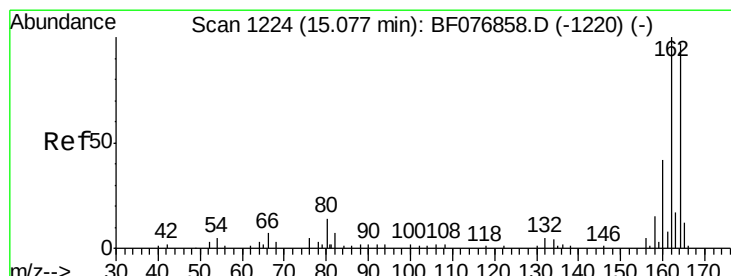
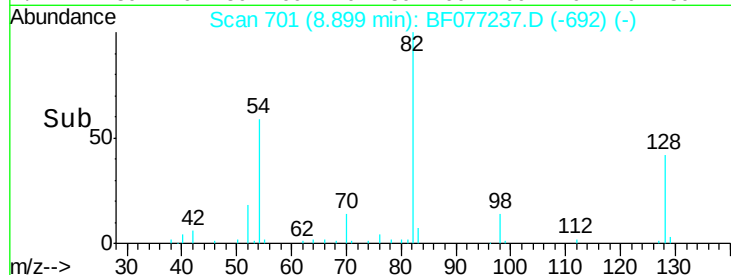
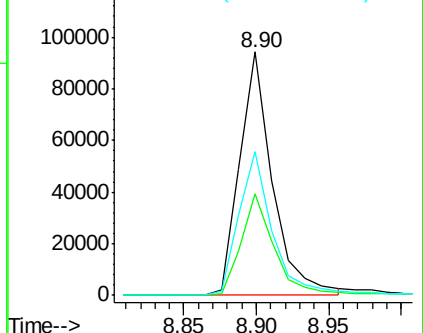
#23
 Nitrobenzene-d5
 Concen: 50.22 ng
 RT: 8.90 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF077237.D
 Acq: 10 Feb 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BL

Tot Ion	82	Resp	147652
Ion Ratio	100	Lower	Upper
128	41.8	33.1	49.7
54	59.3	48.3	72.5

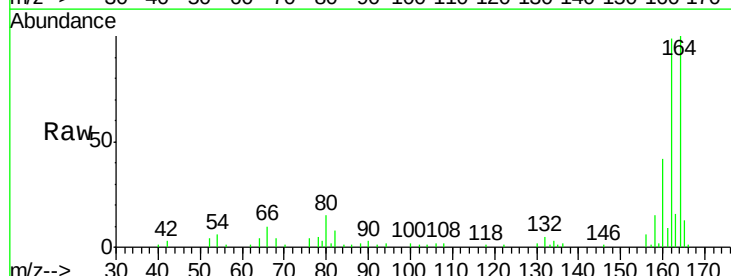


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

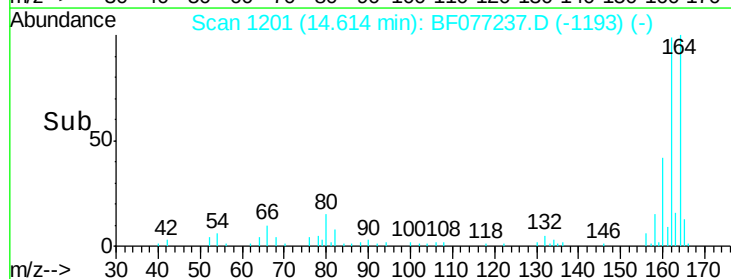
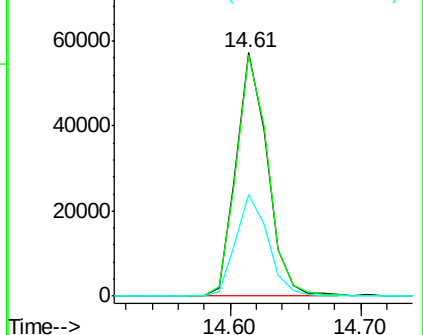


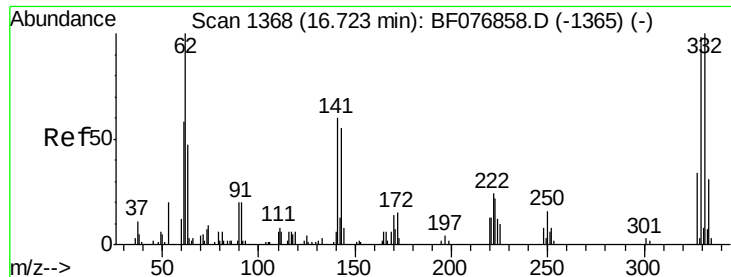
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF077237.D
 Acq: 10 Feb 2015 16:22

Tgt Ion	164	Resp	95369
Ion Ratio	100	Lower	Upper
162	99.0	82.4	123.6
160	41.7	34.8	52.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

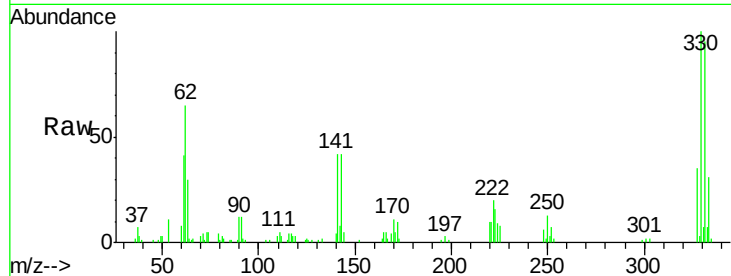




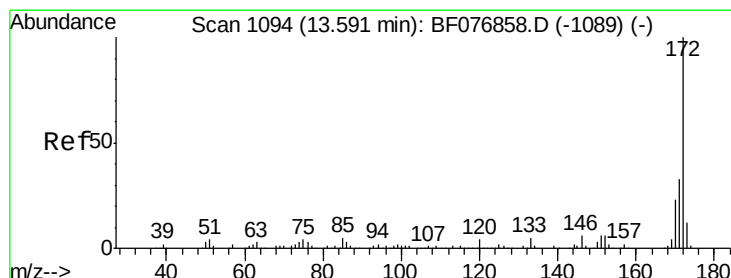
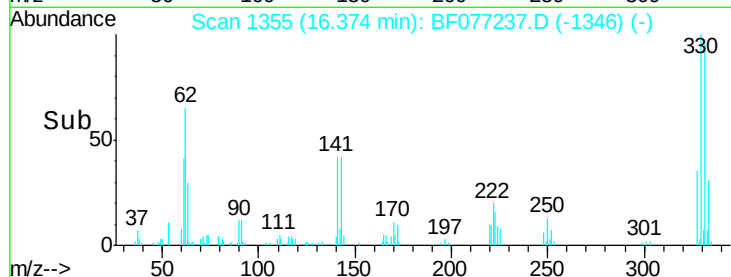
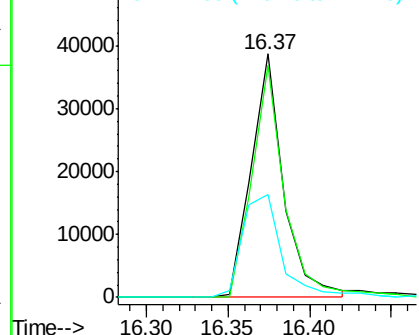
#41
 2,4,6-Tribromophenol
 Concen: 68.62 ng
 RT: 16.37 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF077237.D
 Acq: 10 Feb 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BL

Tot Ion:330 Resp: 53124
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.8 116.6
 141 51.1 38.5 57.7

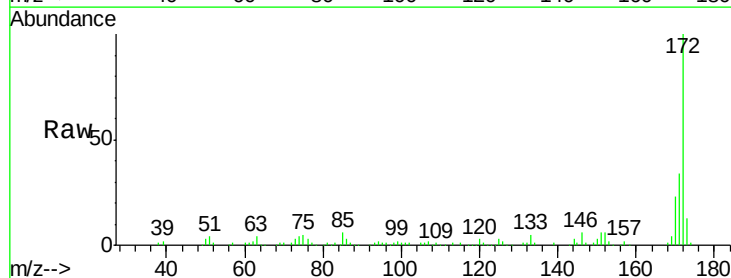


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

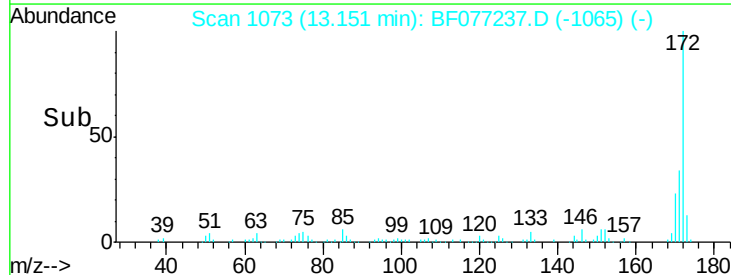
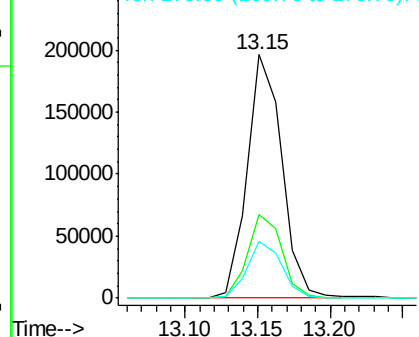


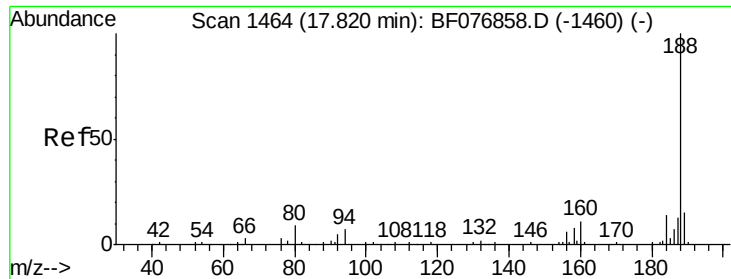
#44
 2-Fluorobiphenyl
 Concen: 51.96 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF077237.D
 Acq: 10 Feb 2015 16:22

Tgt Ion:172 Resp: 325633
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.6 40.0
 170 23.2 18.0 27.0



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

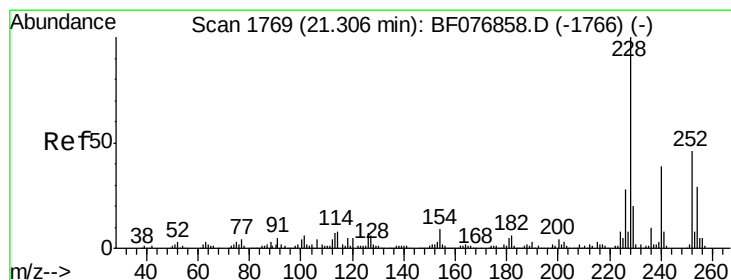
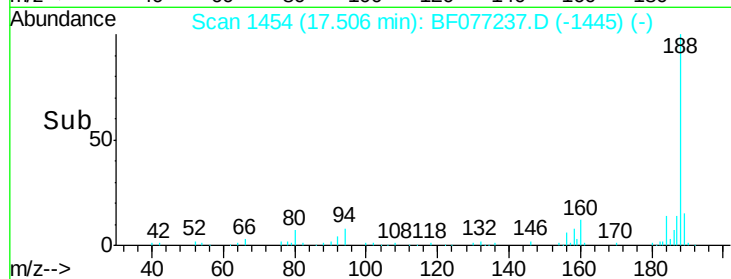
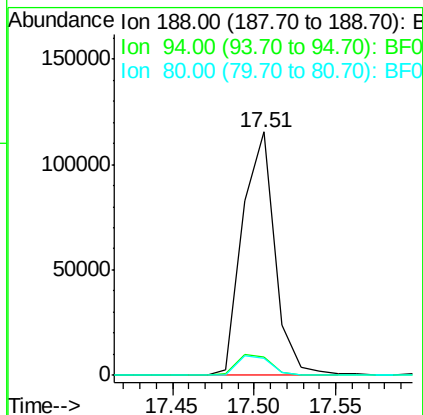
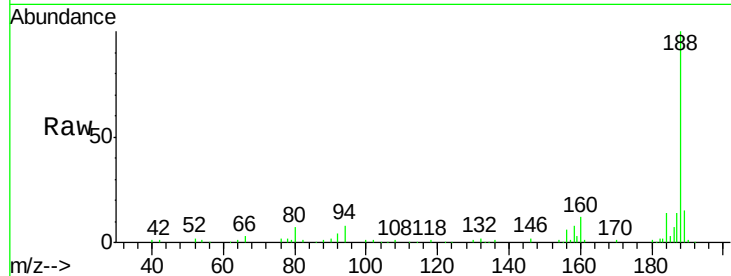




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF077237.D
Acq: 10 Feb 2015 16:22

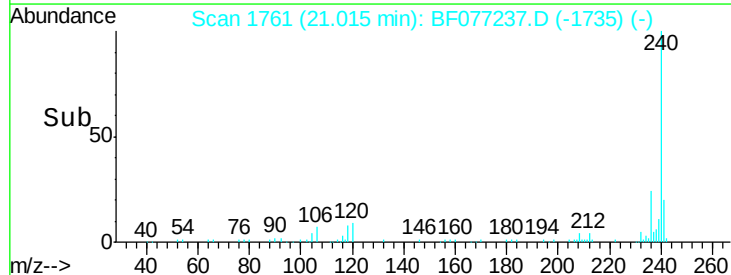
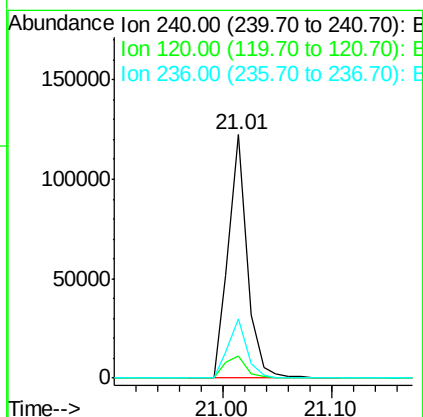
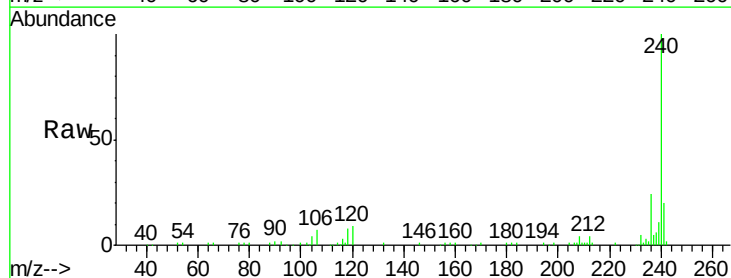
Instrument :
BNA_F
ClientSampleId :
PB81682BL

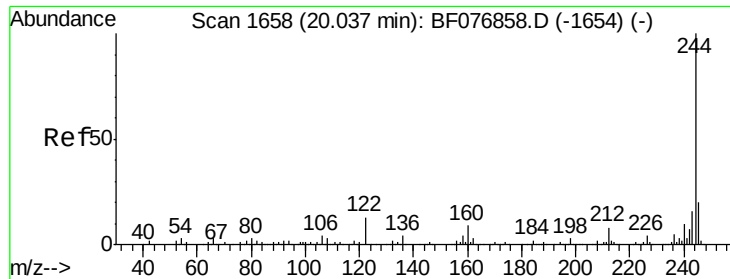
Tot Ion:188 Resp: 158860
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 6.9 6.9 10.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077237.D
Acq: 10 Feb 2015 16:22

Tgt Ion:240 Resp: 148131
Ion Ratio Lower Upper
240 100
120 9.3 10.4 15.6#
236 24.2 20.2 30.2

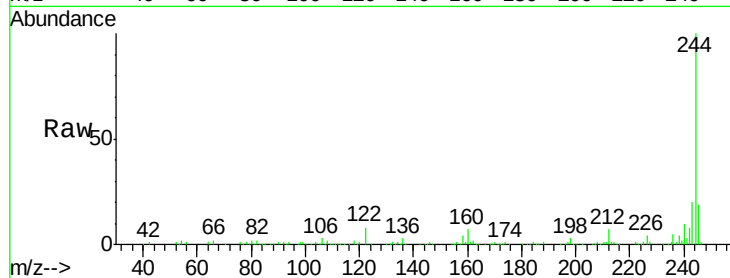




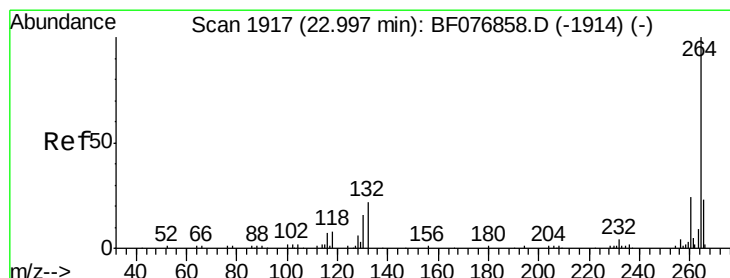
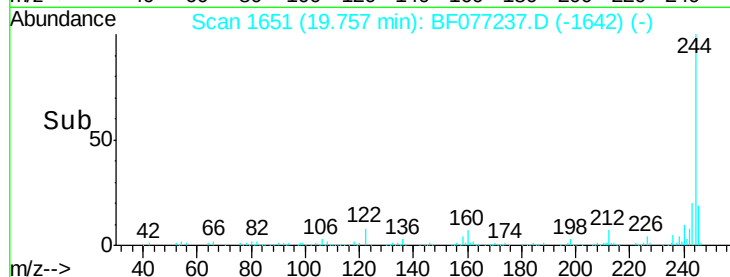
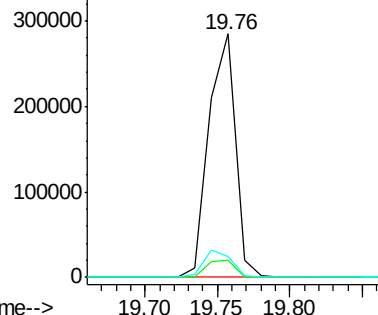
#78
 Terphenyl-d14
 Concen: 56.31 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF077237.D
 Acq: 10 Feb 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BL

Tot Ion:244 Resp: 362326
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 8.5 10.1 15.1#

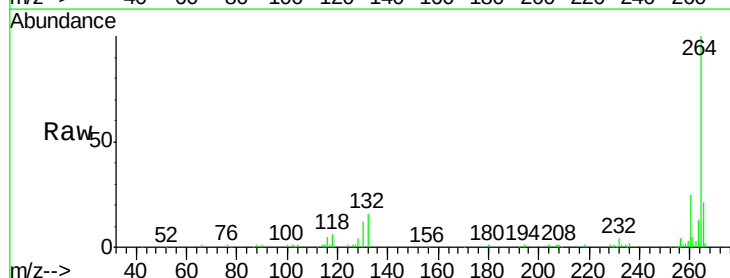


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.67 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BF077237.D
 Acq: 10 Feb 2015 16:22

Tgt Ion:264 Resp: 124306
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.4
 265 21.3 18.1 27.1



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

