

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078200.D
 Acq On : 2 Apr 2015 15:27
 Operator : TP/IZ
 Sample : PB82450TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82450TB

Quant Time: Apr 03 00:12:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

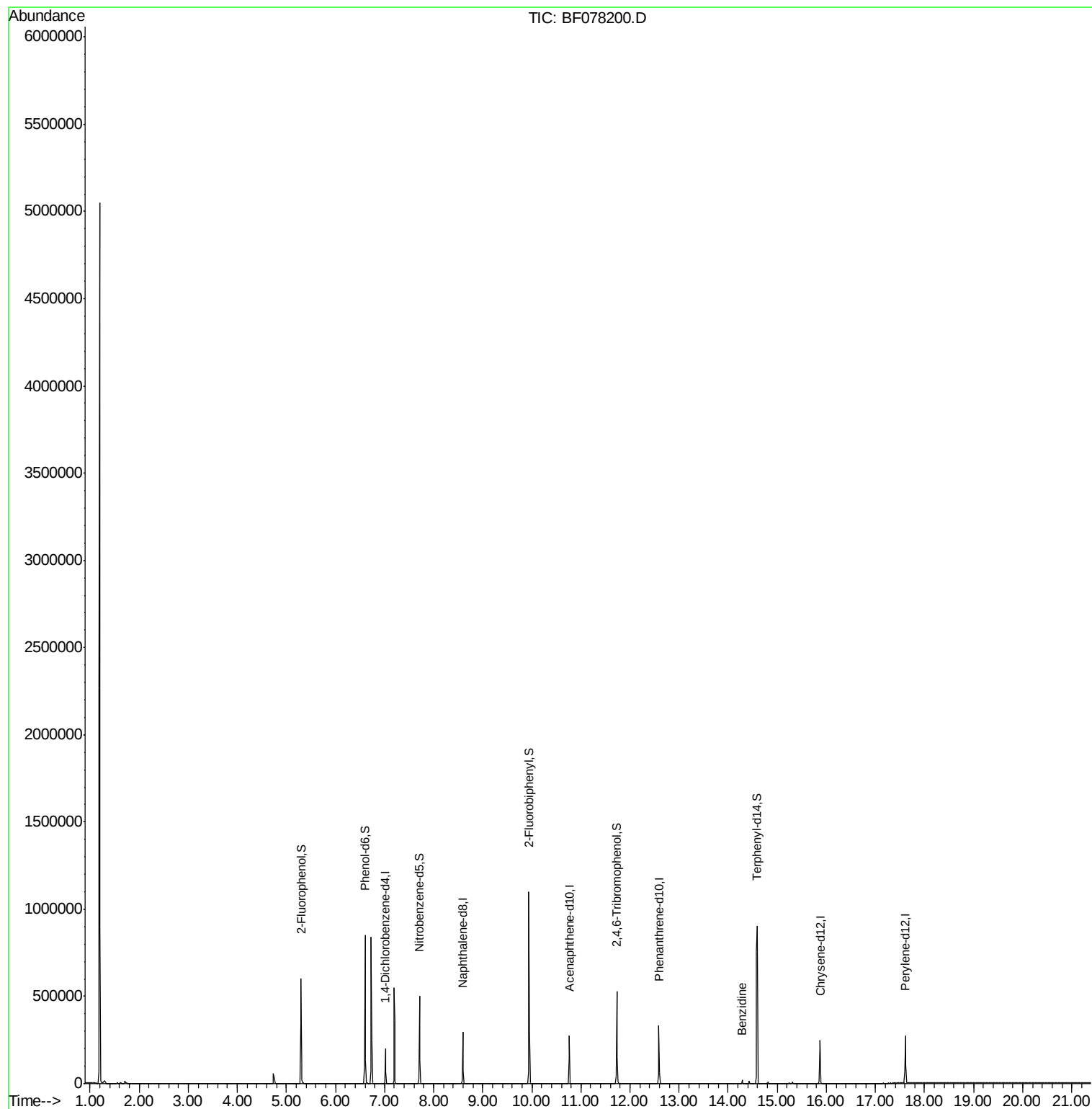
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	34866	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	140227	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	66806	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	131676	20.00	ng	0.00
75) Chrysene-d12	15.87	240	134446	20.00	ng	-0.01
86) Perylene-d12	17.61	264	125342	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	234522	110.90	ng	0.01
7) Phenol-d6	6.60	99	292882	110.51	ng	0.00
23) Nitrobenzene-d5	7.71	82	165143	71.38	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	60986	110.07	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	364232	77.93	ng	0.00
78) Terphenyl-d14	14.59	244	429501	72.19	ng	0.00
Target Compounds						
76) Benzidine	14.28	184	12318	2.38	ng	Qvalue 99

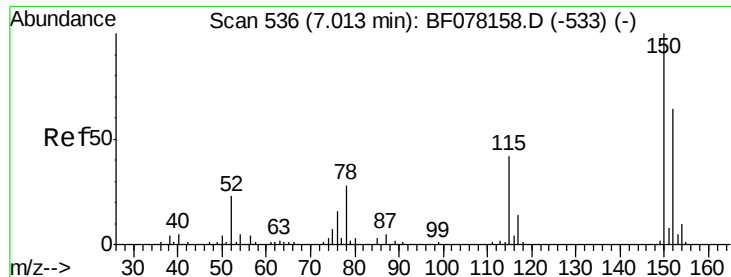
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078200.D

Acq: 2 Apr 2015 15:27

Instrument :

BNA_F

ClientSampleId :

PB82450TB

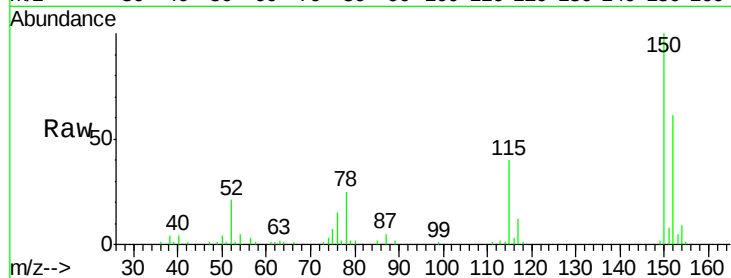
Tgt Ion:152 Resp: 34866

Ion Ratio Lower Upper

152 100

150 163.2 125.9 188.9

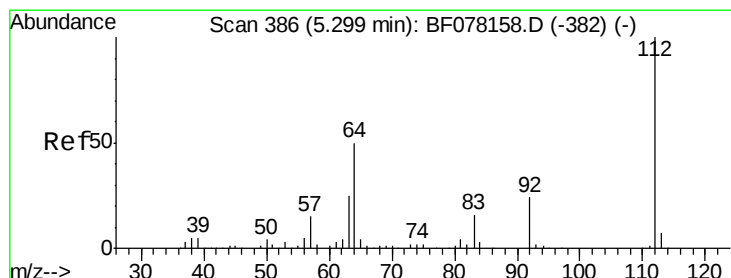
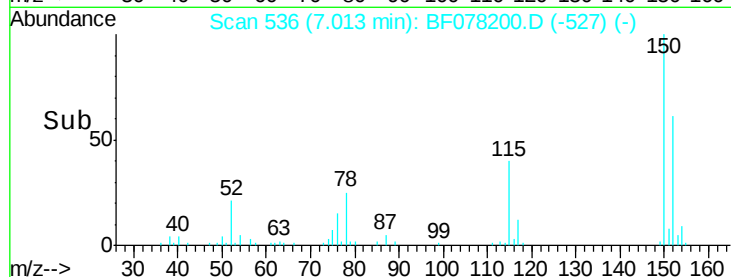
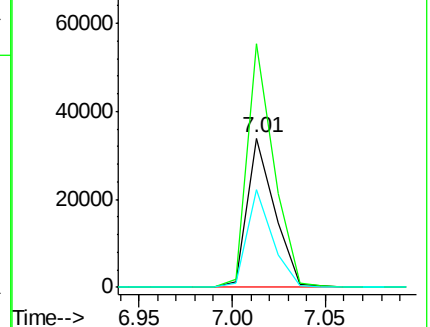
115 65.4 52.7 79.1



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: 110.90 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078200.D

Acq: 2 Apr 2015 15:27

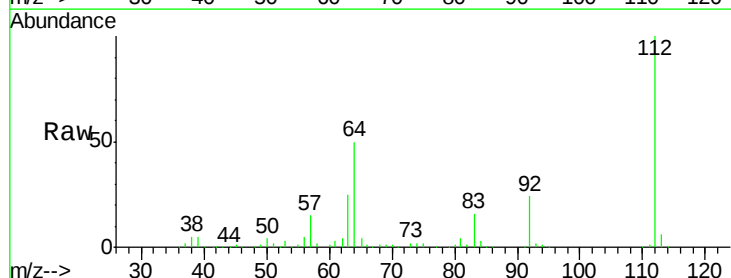
Tgt Ion:112 Resp: 234522

Ion Ratio Lower Upper

112 100

64 50.0 39.9 59.9

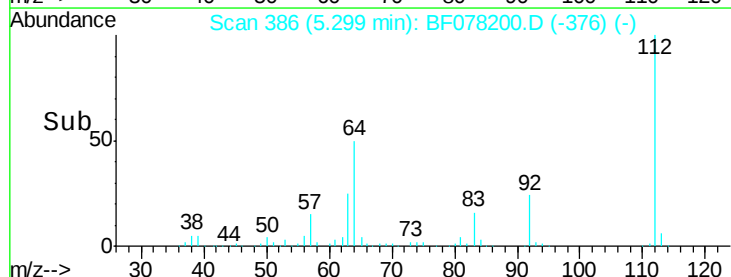
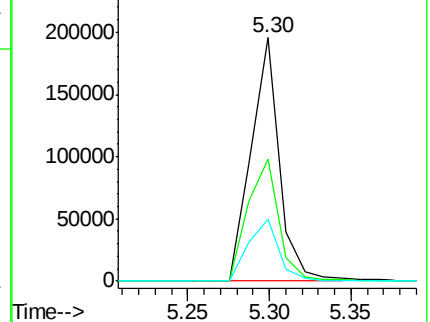
63 25.5 20.2 30.4

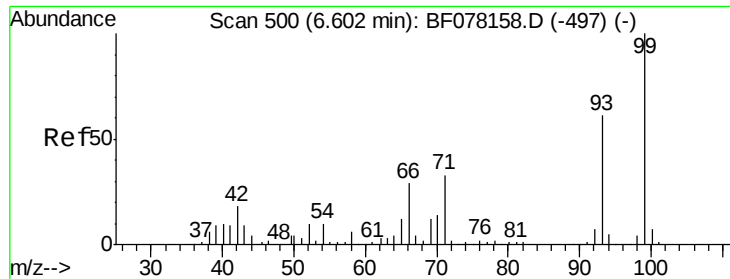


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.51 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078200.D

Acq: 2 Apr 2015 15:27

Instrument :

BNA_F

ClientSampleId :

PB82450TB

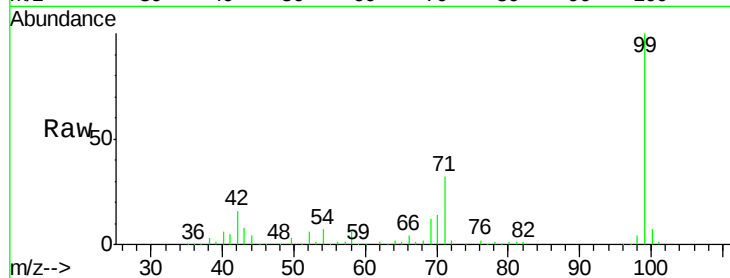
Tgt Ion: 99 Resp: 292882

Ion Ratio Lower Upper

99 100

42 16.5 14.8 22.2

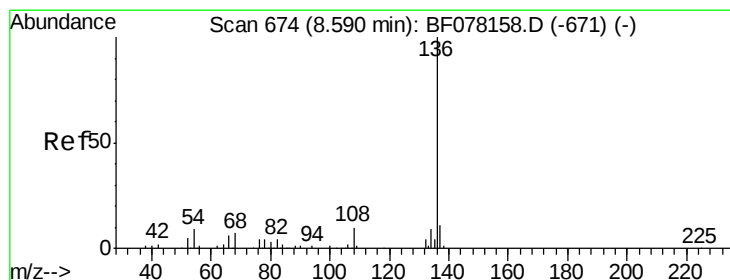
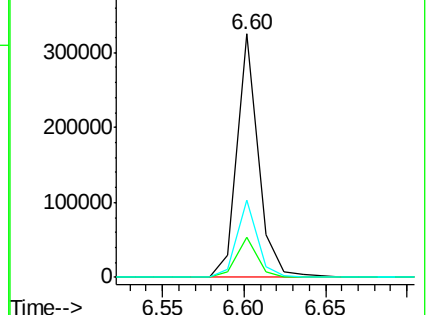
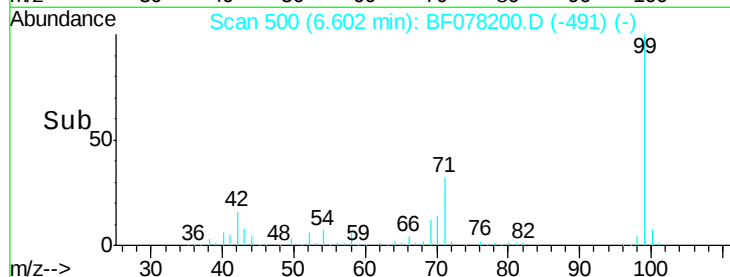
71 31.6 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078200.D

Acq: 2 Apr 2015 15:27

Tgt Ion: 136 Resp: 140227

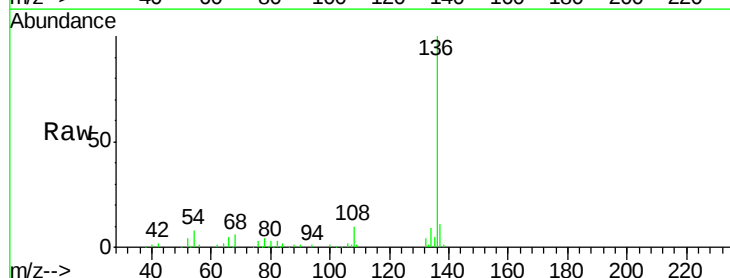
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 7.6 7.0 10.6

68 6.4 5.4 8.2

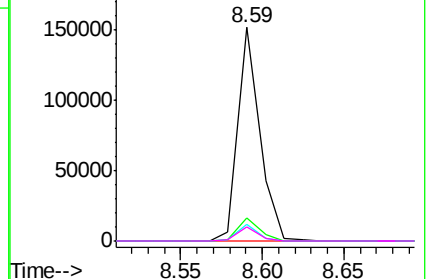
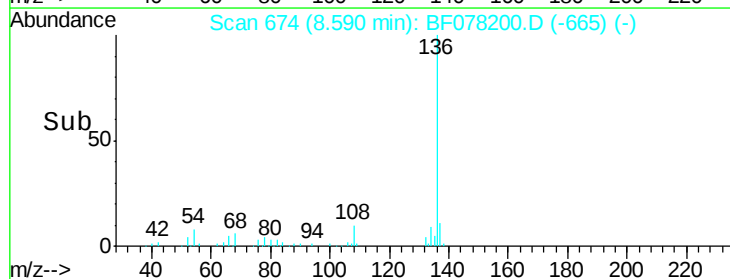


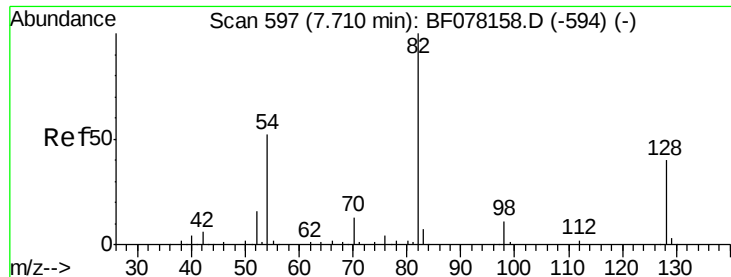
Abundance Ion 136.00 (135.70 to 136.70): E

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

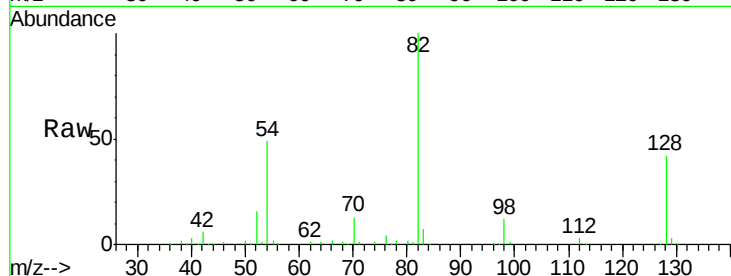




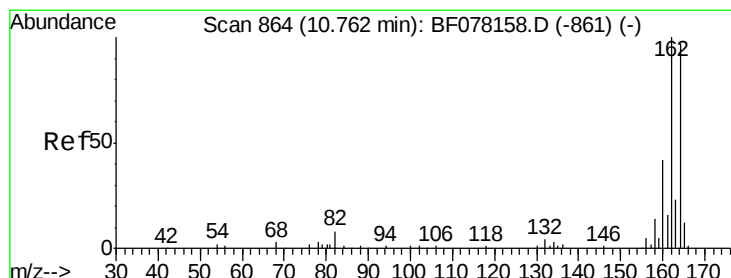
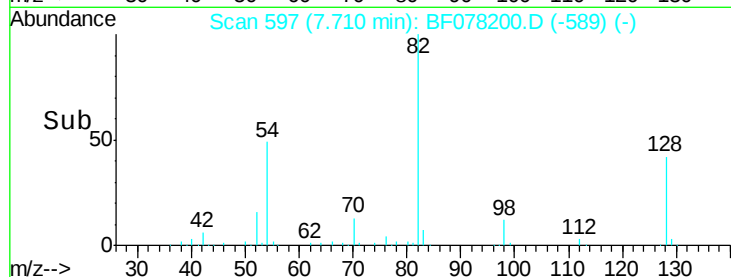
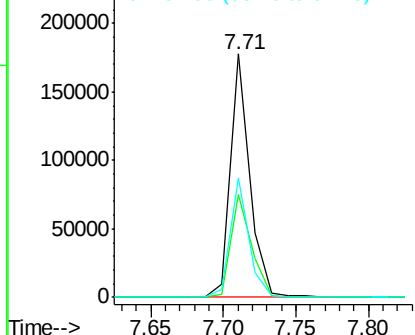
#23
 Nitrobenzene-d5
 Concen: 71.38 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078200.D
 Acq: 2 Apr 2015 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82450TB

Tgt Ion: 82 Resp: 165143
 Ion Ratio Lower Upper
 82 100
 128 42.4 31.8 47.8
 54 49.2 41.5 62.3

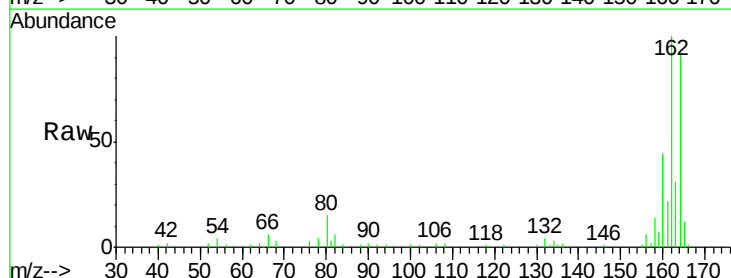


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

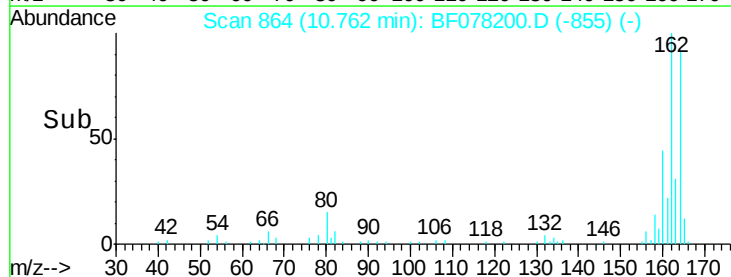
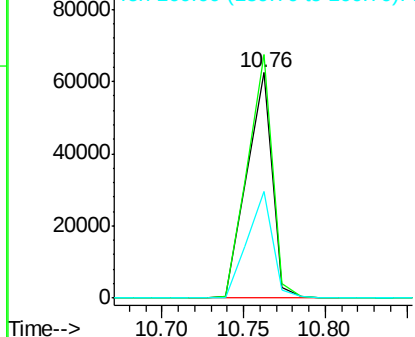


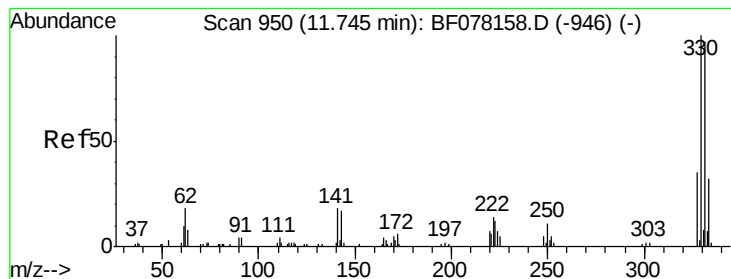
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078200.D
 Acq: 2 Apr 2015 15:27

Tgt Ion: 164 Resp: 66806
 Ion Ratio Lower Upper
 164 100
 162 108.1 82.2 123.2
 160 47.2 34.7 52.1



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

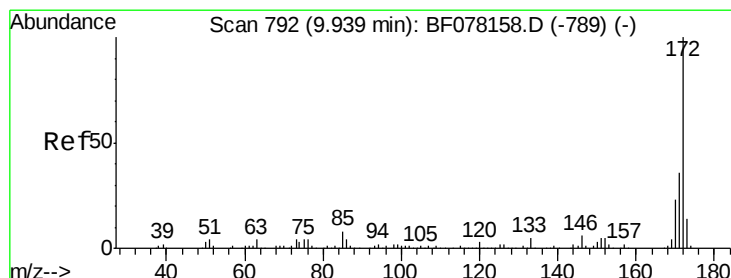
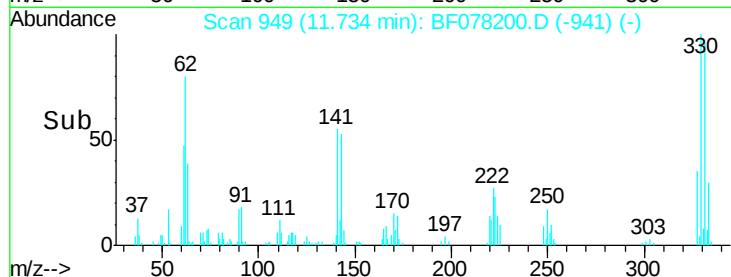
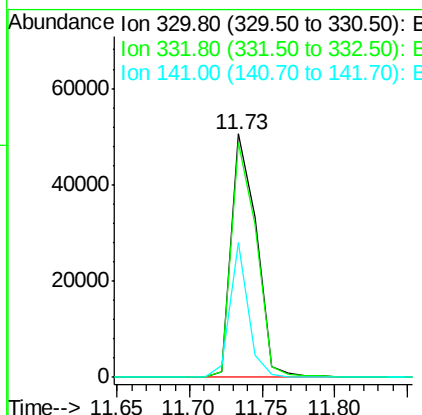
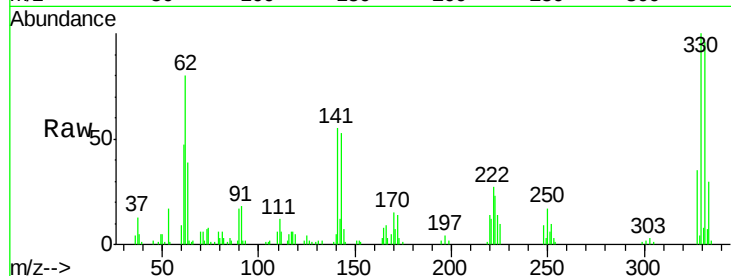




#41
 2,4,6-Tribromophenol
 Concen: 110.07 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078200.D
 Acq: 2 Apr 2015 15:27

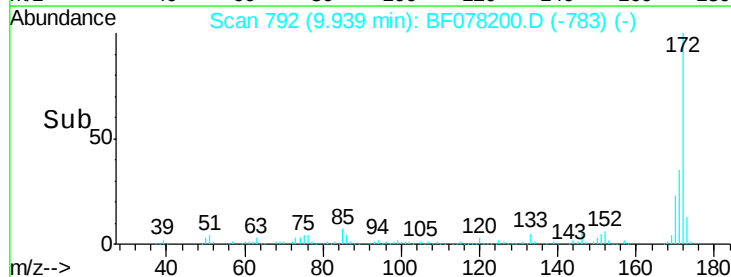
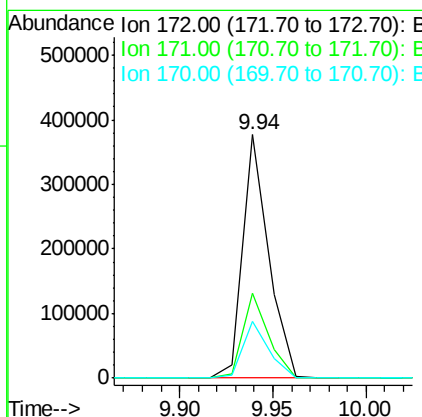
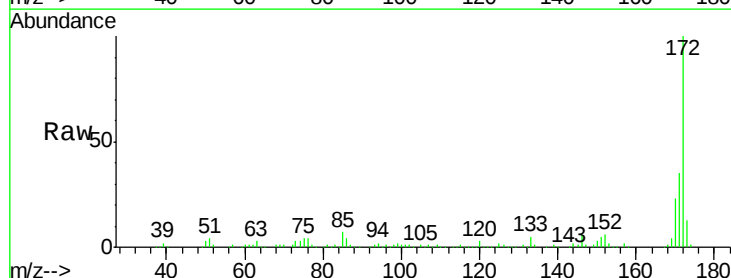
Instrument :
 BNA_F
 ClientSampleId :
 PB82450TB

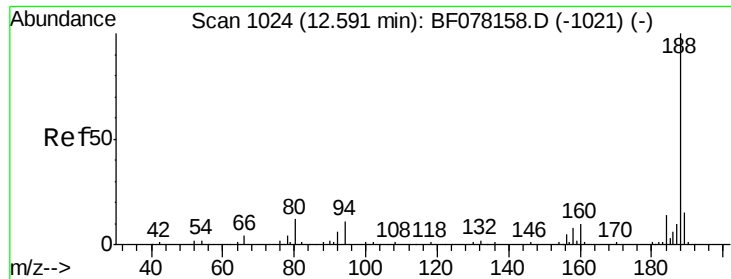
Tgt Ion:330 Resp: 60986
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.6 117.8
 141 39.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 77.93 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078200.D
 Acq: 2 Apr 2015 15:27

Tgt Ion:172 Resp: 364232
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.4 18.5 27.7

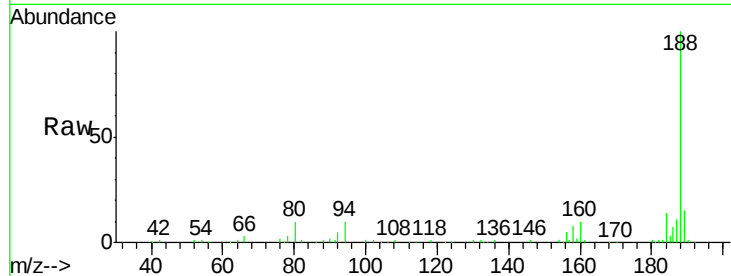




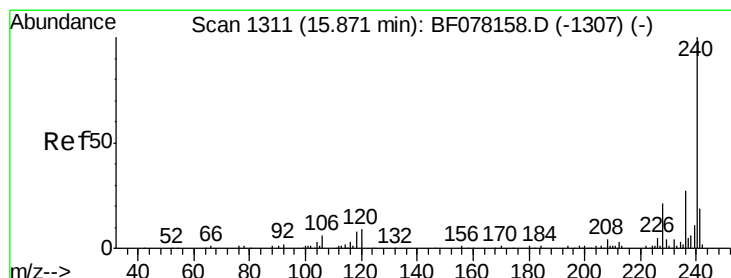
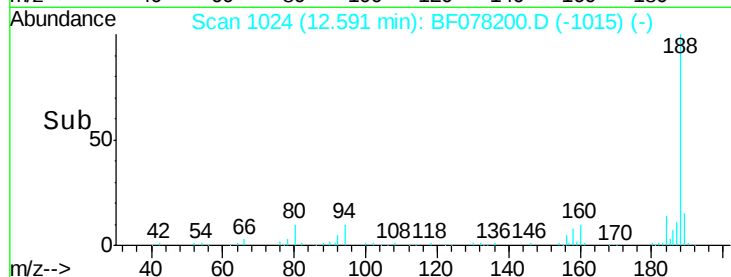
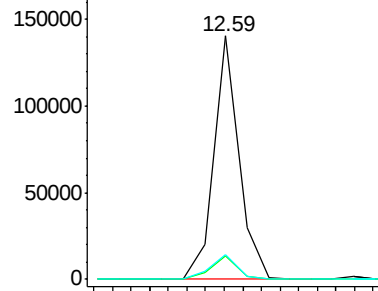
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078200.D
Acq: 2 Apr 2015 15:27

Instrument :
BNA_F
ClientSampleId :
PB82450TB

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	131676		
94	9.9		9.0	13.4
80	10.4		9.5	14.3

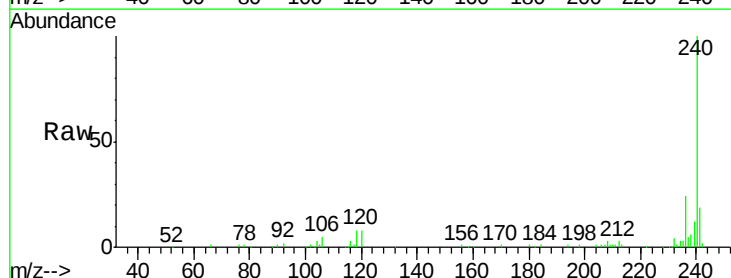


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

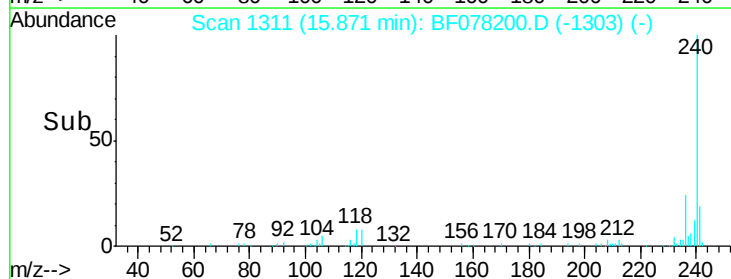
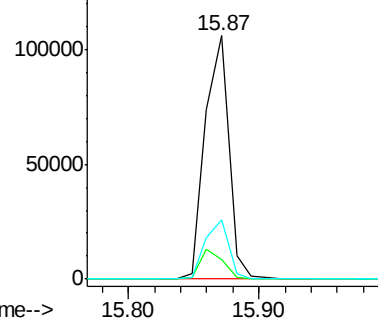


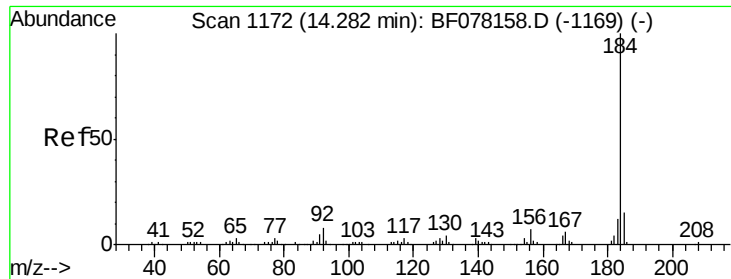
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078200.D
Acq: 2 Apr 2015 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	134446		
120	8.0		7.1	10.7
236	24.3		21.4	32.2



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

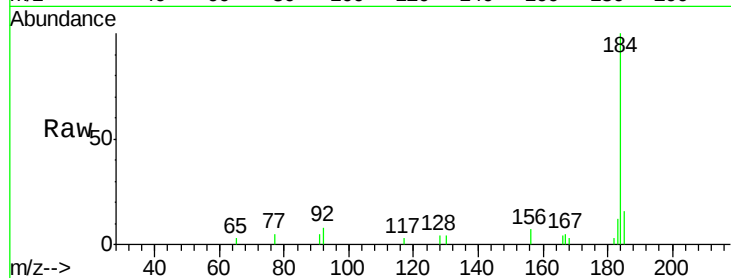




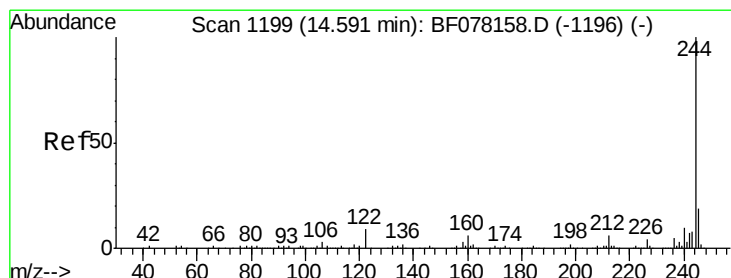
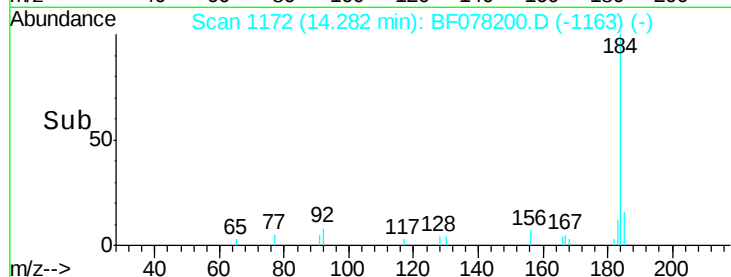
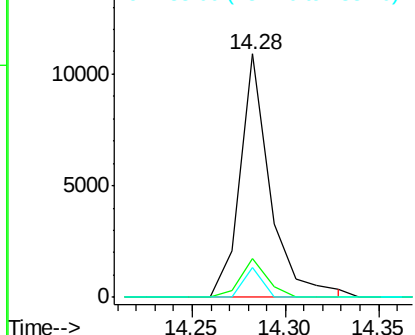
#76
Benzidine
Concen: 2.38 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078200.D
Acq: 2 Apr 2015 15:27

Instrument :
BNA_F
ClientSampleId :
PB82450TB

Tgt Ion:184 Resp: 12318
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 12.1 9.5 14.3

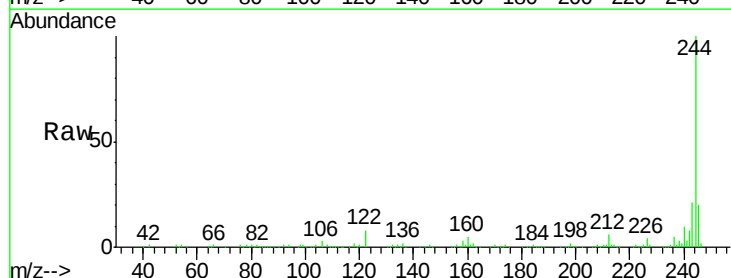


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

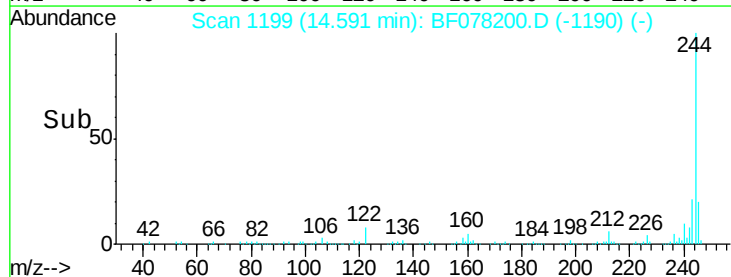
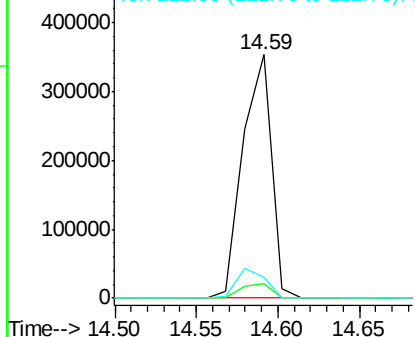


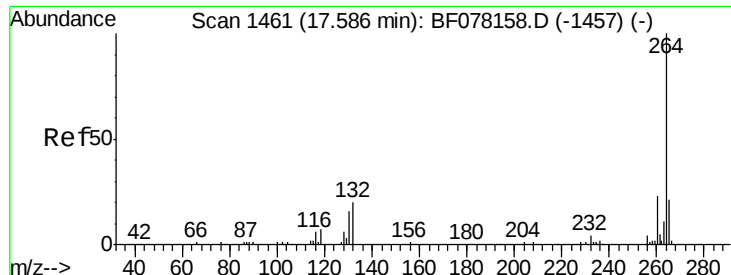
#78
Terphenyl-d14
Concen: 72.19 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF078200.D
Acq: 2 Apr 2015 15:27

Tgt Ion:244 Resp: 429501
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 8.4 7.1 10.7



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

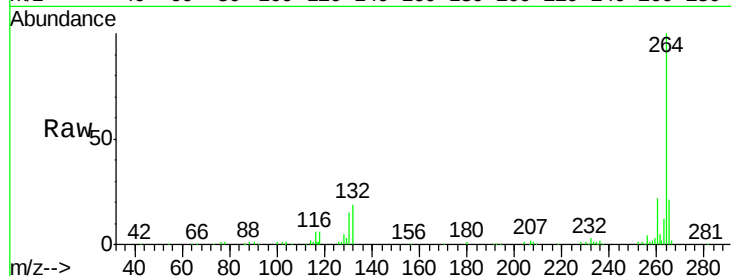




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.61 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF078200.D
Acq: 2 Apr 2015 15:27

Instrument :
BNA_F
ClientSampleId :
PB82450TB

Tgt Ion: 264 Resp: 125342
Ion Ratio Lower Upper
264 100
260 22.3 18.6 27.8
265 21.1 17.0 25.6



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

