

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078198.D
 Acq On : 2 Apr 2015 14:30
 Operator : TP/IZ
 Sample : PB82469BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BL

Quant Time: Apr 03 01:24:39 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

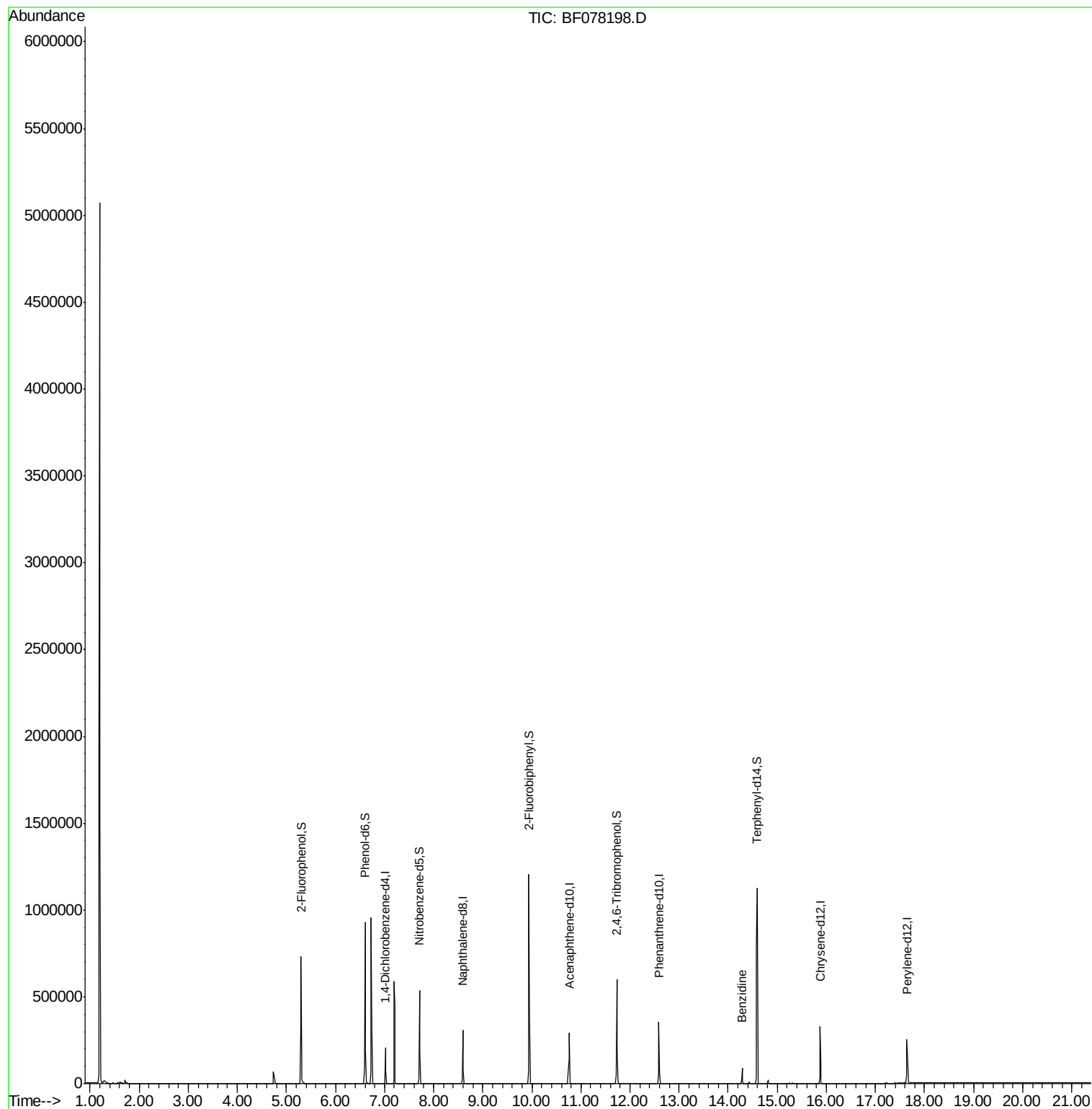
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	35709	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	146792	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	71571	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	138313	20.00	ng	0.00
75) Chrysene-d12	15.87	240	136218	20.00	ng	-0.01
86) Perylene-d12	17.64	264	126825	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	262712	121.30	ng	0.01
7) Phenol-d6	6.60	99	326320	120.23	ng	0.00
23) Nitrobenzene-d5	7.71	82	184417	76.15	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	72756	122.57	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	408614	81.61	ng	0.00
78) Terphenyl-d14	14.59	244	496059	82.29	ng	0.00
Target Compounds						
76) Benzidine	14.28	184	42106	8.03	ng	Qvalue 99

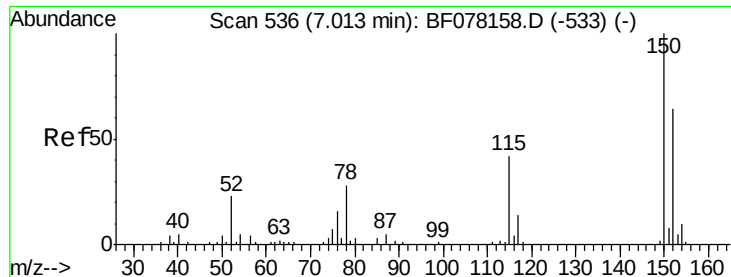
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078198.D
Acq On : 2 Apr 2015 14:30
Operator : TP/IZ
Sample : PB82469BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82469BL

Quant Time: Apr 03 01:24:39 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



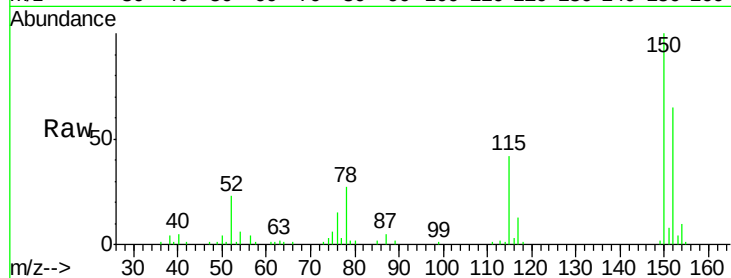


#1

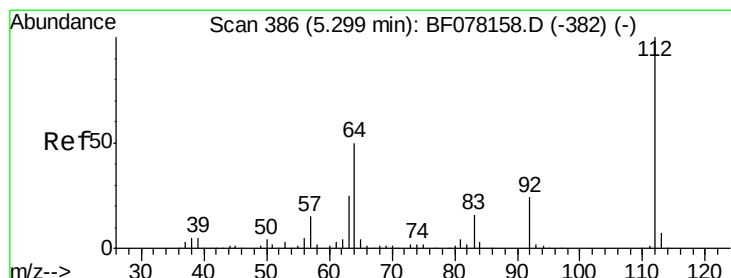
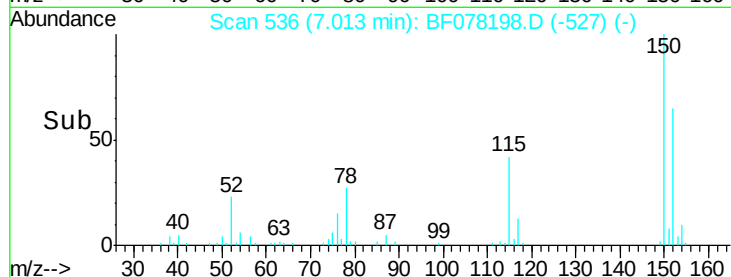
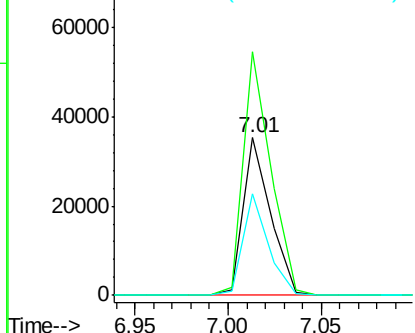
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078198.D
Acq: 2 Apr 2015 14:30

Instrument :
BNA_F
ClientSampleId :
PB82469BL

Tot Ion:152 Resp: 35709
Ion Ratio Lower Upper
152 100
150 154.6 125.9 188.9
115 64.7 52.7 79.1



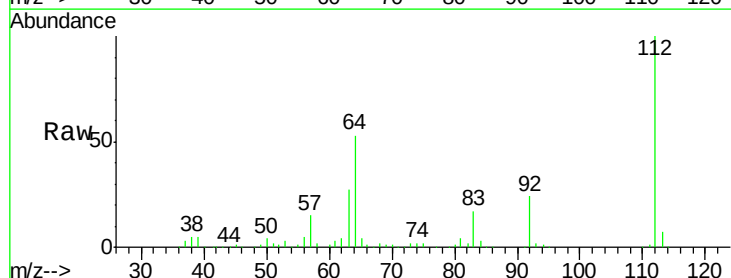
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



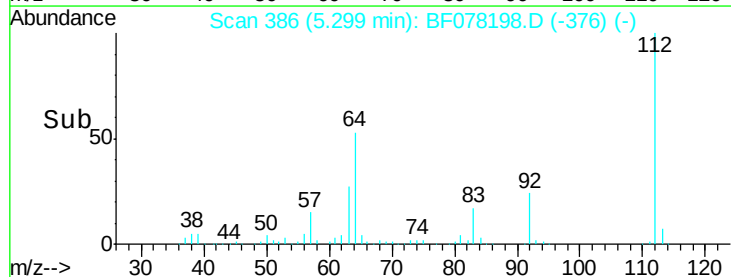
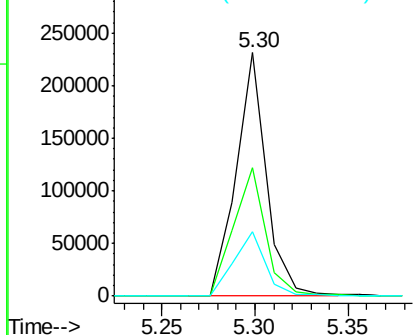
#5

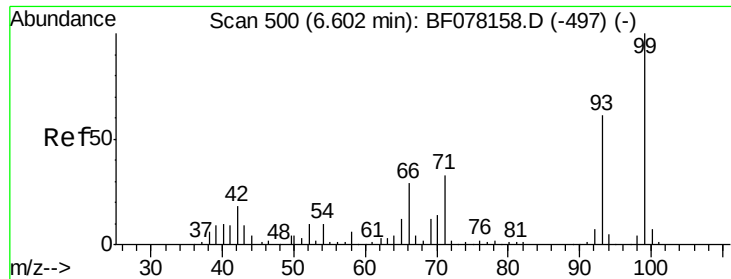
2-Fluorophenol
Concen: 121.30 ng
RT: 5.30 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF078198.D
Acq: 2 Apr 2015 14:30

Tgt Ion:112 Resp: 262712
Ion Ratio Lower Upper
112 100
64 52.9 39.9 59.9
63 26.6 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: 120.23 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078198.D

Acq: 2 Apr 2015 14:30

Instrument :

BNA_F

ClientSampleId :

PB82469BL

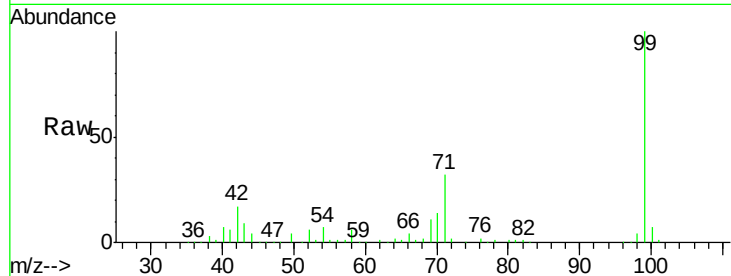
Tot Ion: 99 Resp: 326320

Ion Ratio Lower Upper

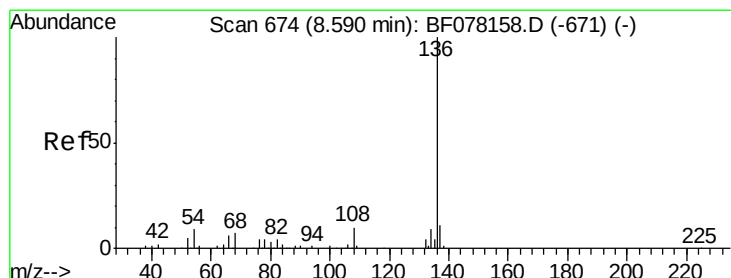
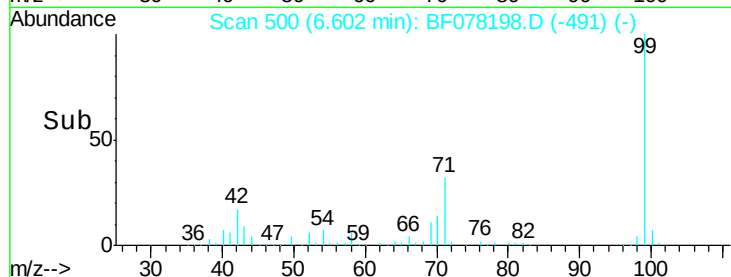
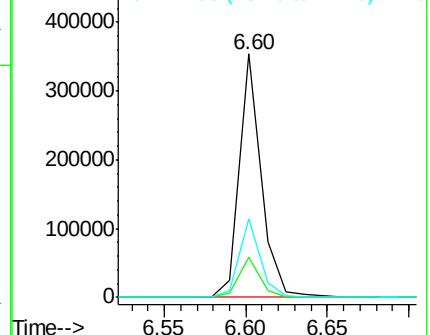
99 100

42 16.7 14.8 22.2

71 32.3 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: BF078198.D

Acq: 2 Apr 2015 14:30

Tgt Ion: 136 Resp: 146792

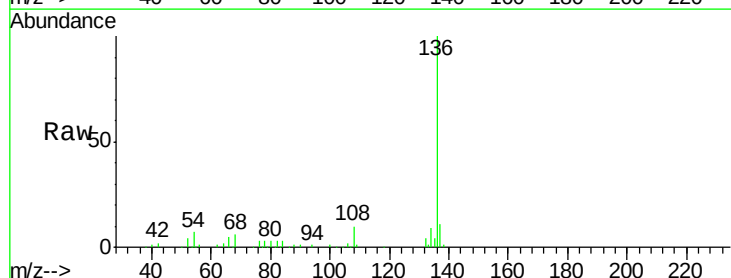
Ion Ratio Lower Upper

136 100

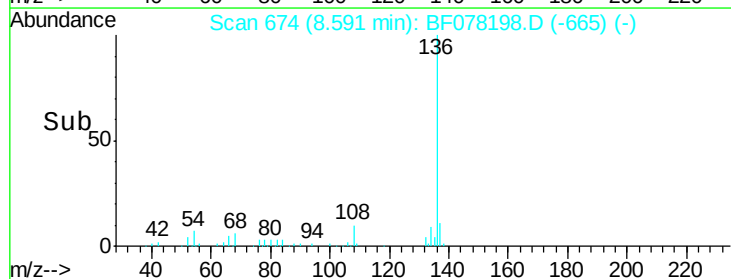
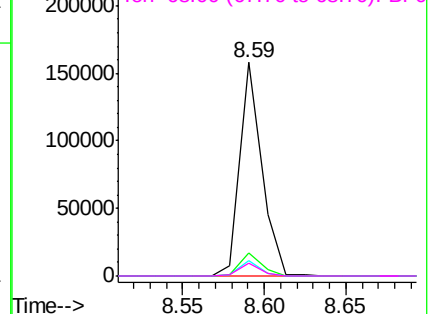
137 11.1 9.0 13.4

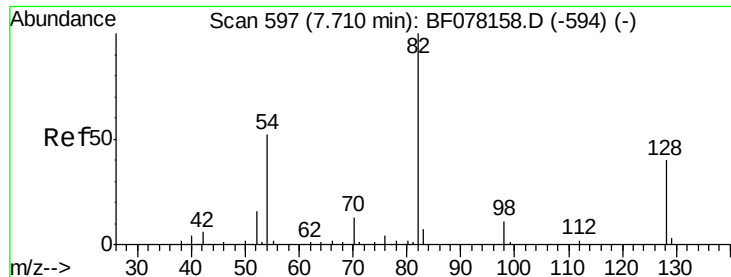
54 7.5 7.0 10.6

68 6.2 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

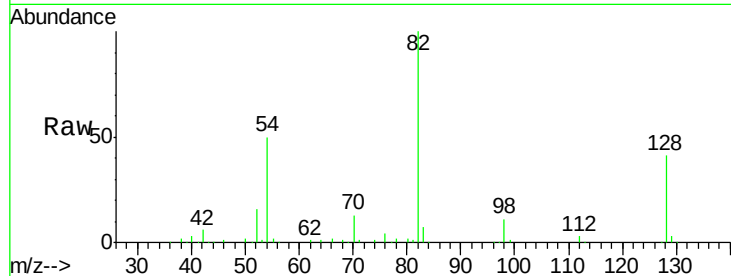




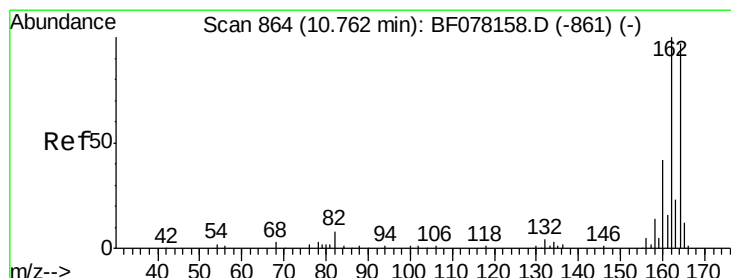
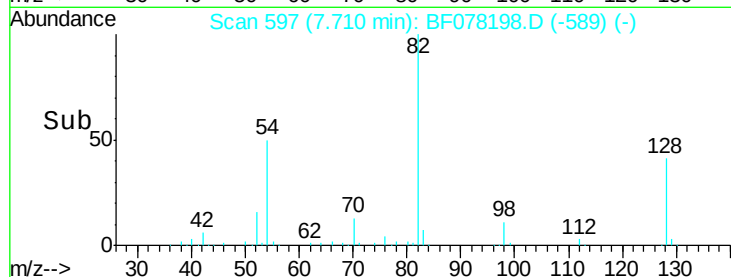
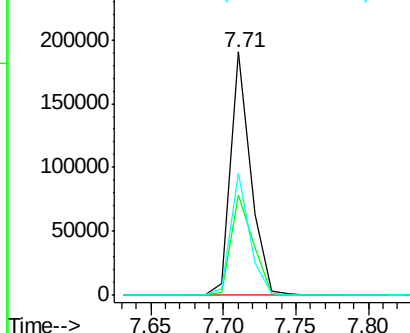
#23
 Nitrobenzene-d5
 Concen: 76.15 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Instrument :
 BNA_F
 ClientSampleID :
 PB82469BL

Tot Ion	82	Resp	184417
Ion Ratio	100	Lower	Upper
128	40.9	31.8	47.8
54	50.3	41.5	62.3

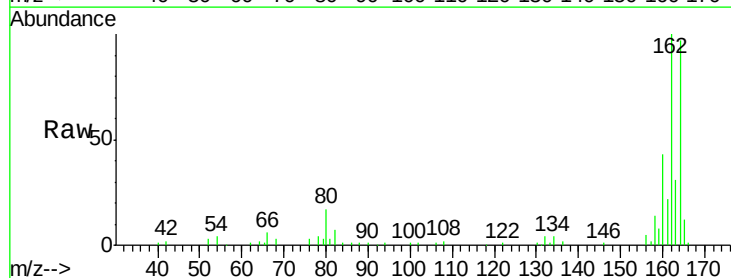


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

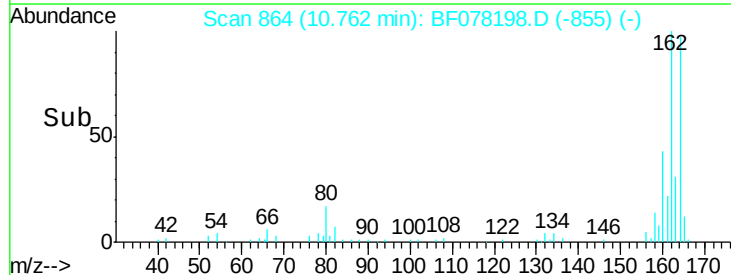
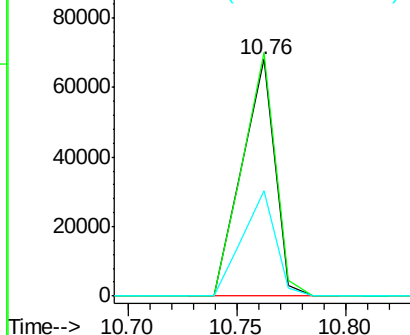


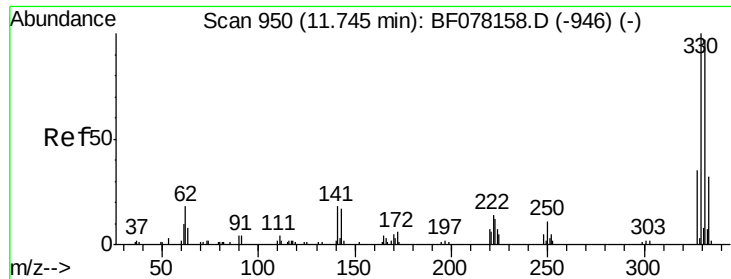
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Tgt Ion	164	Resp	71571
Ion Ratio	100	Lower	Upper
162	102.9	82.2	123.2
160	44.6	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

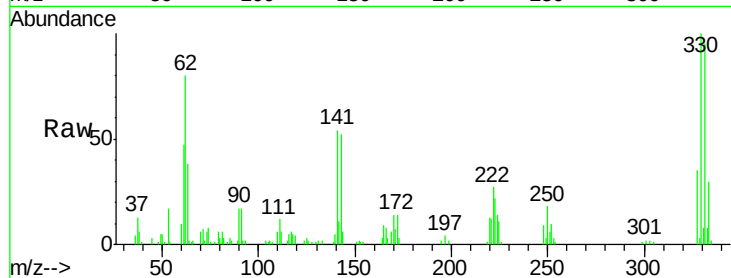




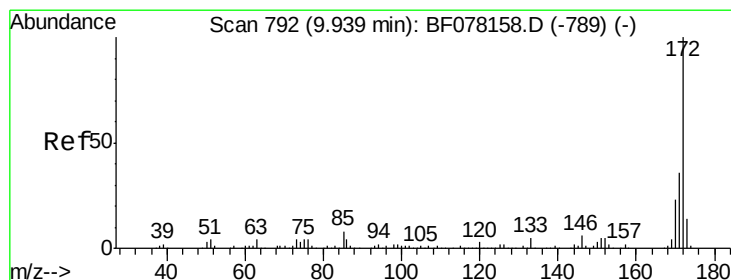
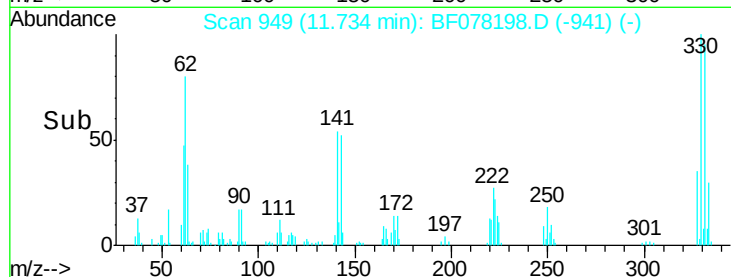
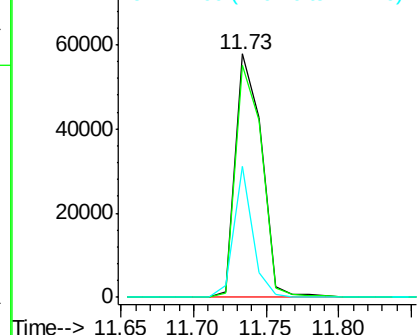
#41
 2,4,6-Tribromophenol
 Concen: 122.57 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BL

Tot Ion:330 Resp: 72756
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 38.2 31.2 46.8

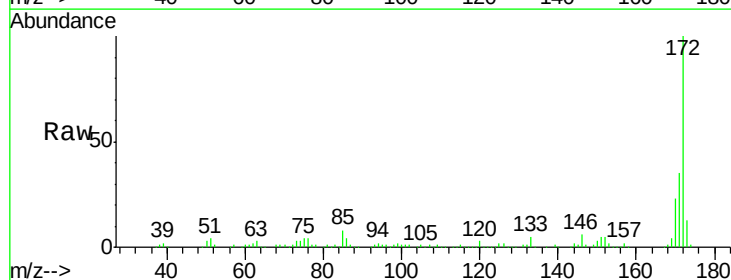


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

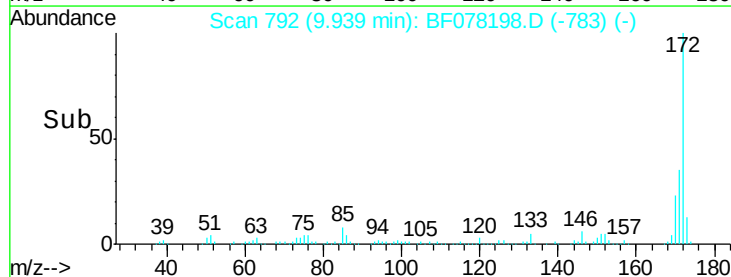
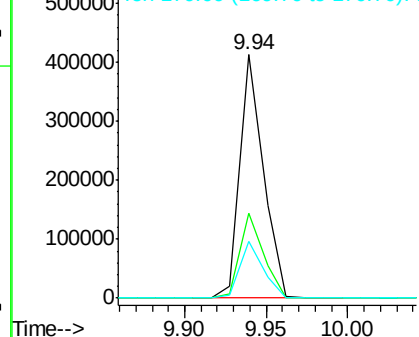


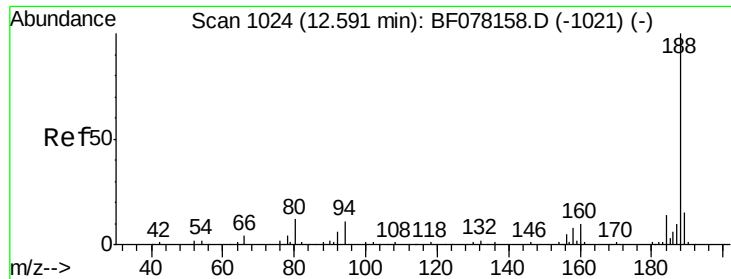
#44
 2-Fluorobiphenyl
 Concen: 81.61 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Tgt Ion:172 Resp: 408614
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.2 18.5 27.7



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

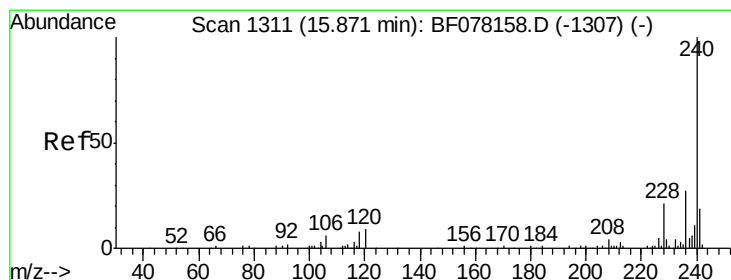
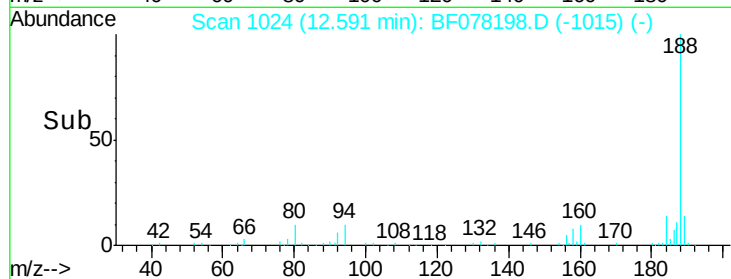
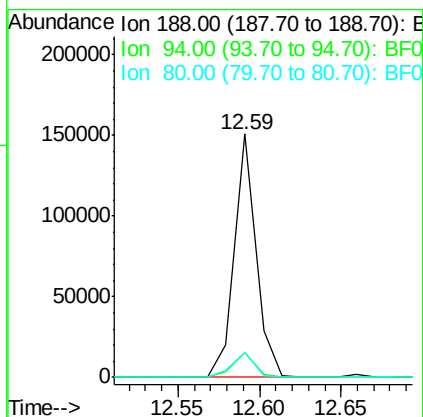
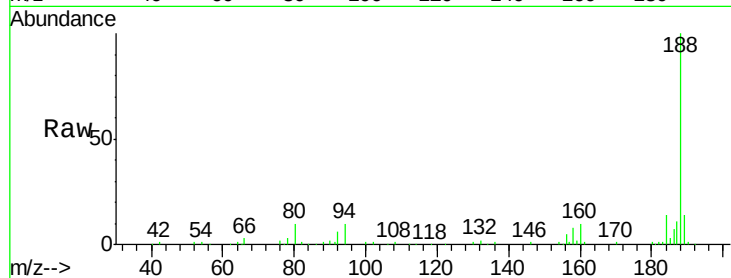




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078198.D
Acq: 2 Apr 2015 14:30

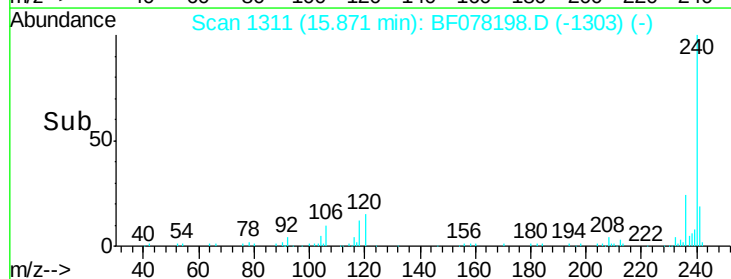
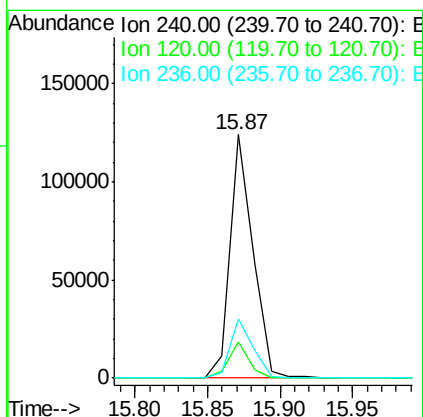
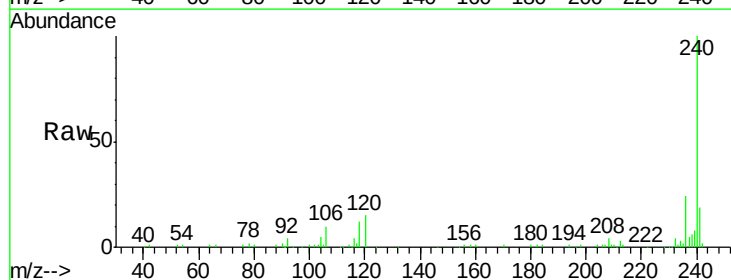
Instrument :
BNA_F
ClientSampleId :
PB82469BL

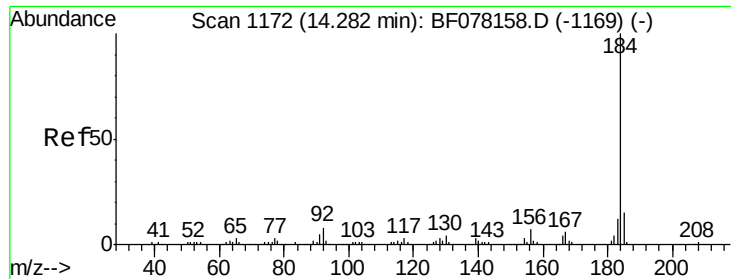
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.4
80	10.3	9.5	14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078198.D
Acq: 2 Apr 2015 14:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	7.1	10.7#
236	24.5	21.4	32.2





#76

Benzidine

Concen: 8.03 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078198.D

Acq: 2 Apr 2015 14:30

Instrument :

BNA_F

ClientSampleId :

PB82469BL

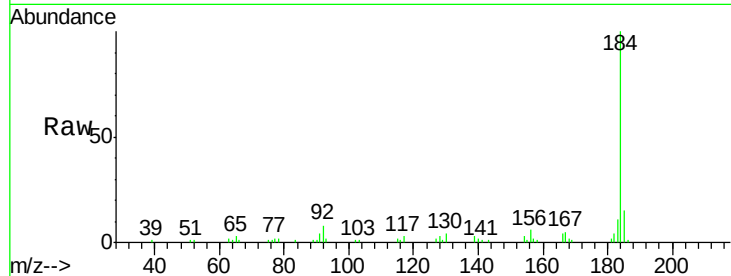
Tot Ion:184 Resp: 42106

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

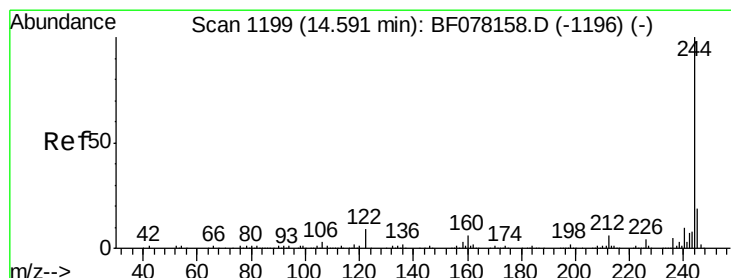
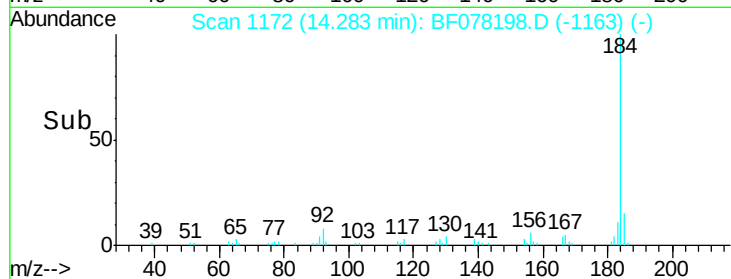
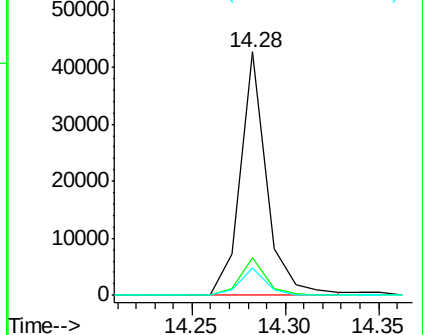
183 11.4 9.5 14.3



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: 82.29 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078198.D

Acq: 2 Apr 2015 14:30

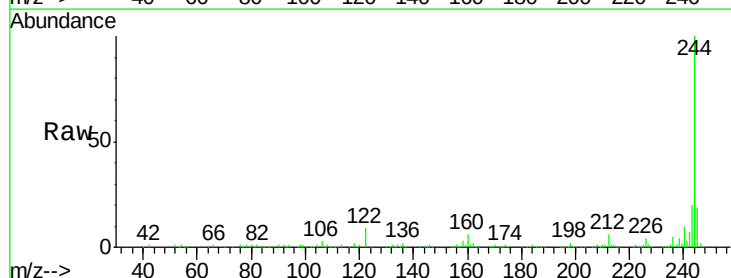
Tgt Ion:244 Resp: 496059

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

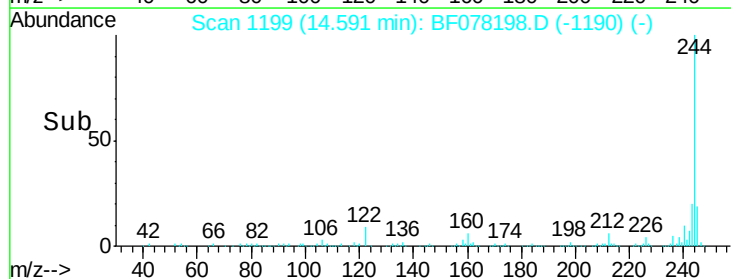
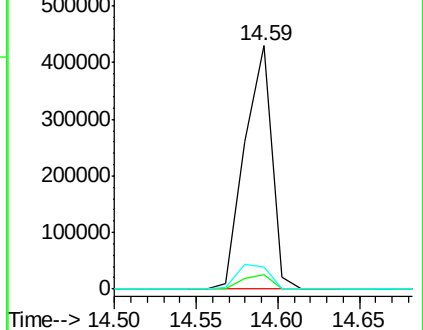
122 8.9 7.1 10.7

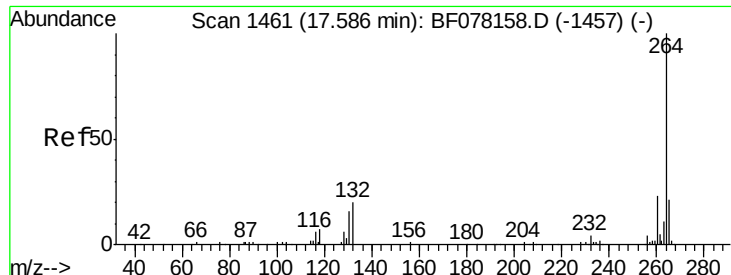


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

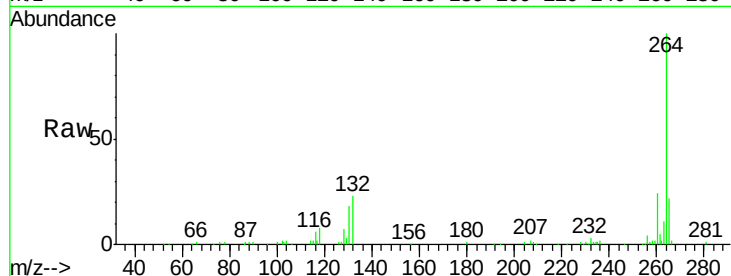




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BL

Tot Ion:	264	Resp:	126825
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.6	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

