

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086002.D
 Acq On : 2 Apr 2016 10:42
 Operator : UM/SJ
 Sample : H2055-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-4(5-10)

Quant Time: Apr 04 01:55:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

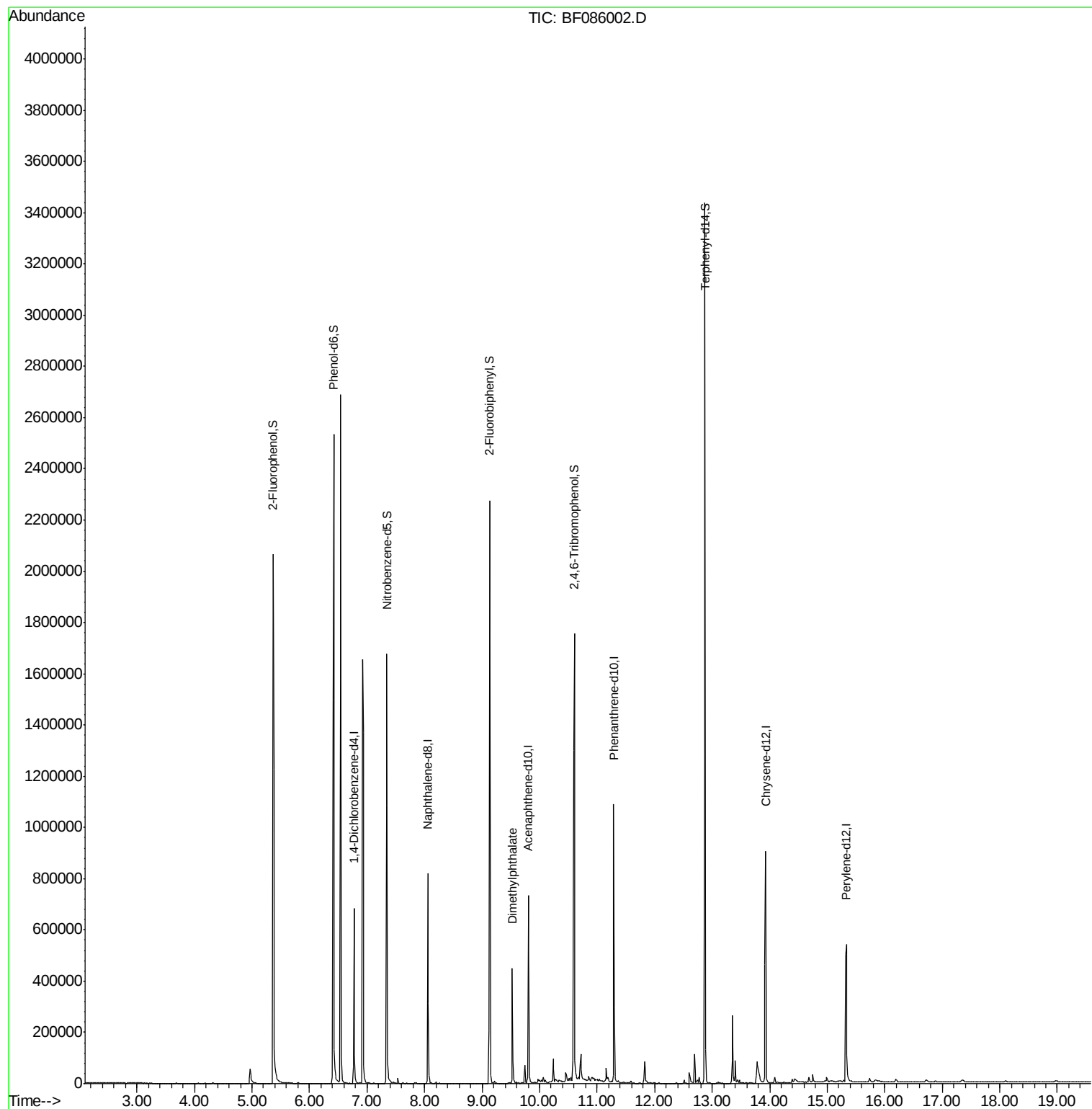
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105936	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	420261	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	188738	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394583	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	362438	20.00	ng	0.00
86) Perylene-d12	15.33	264	301952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	820402	132.37	ng	0.00
7) Phenol-d6	6.42	99	1150534	146.15	ng	0.00
23) Nitrobenzene-d5	7.34	82	734872	103.12	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	320572	180.96	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1020535	89.90	ng	-0.01
78) Terphenyl-d14	12.88	244	1120709	72.69	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	171590	12.27	ng	99

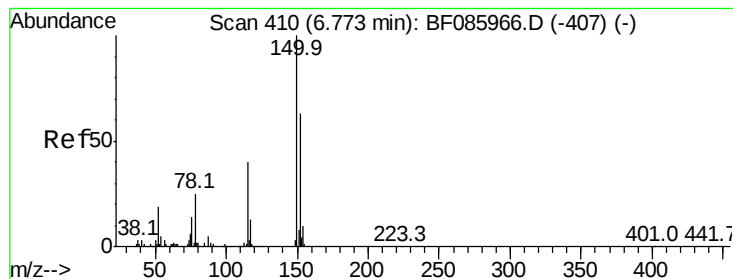
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

BH-4(5-10)

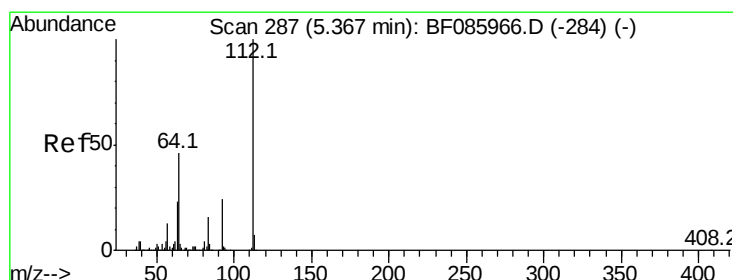
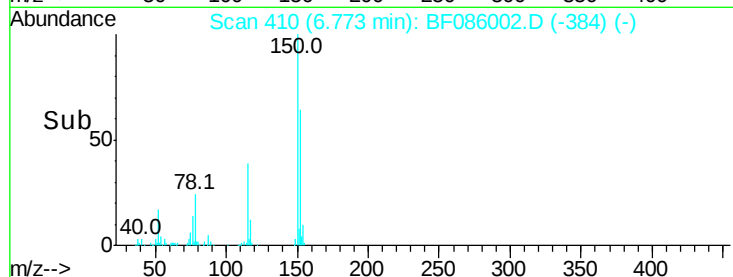
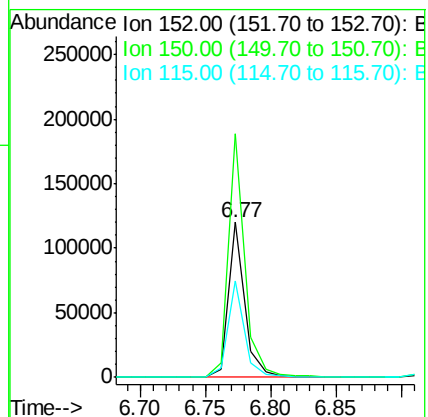
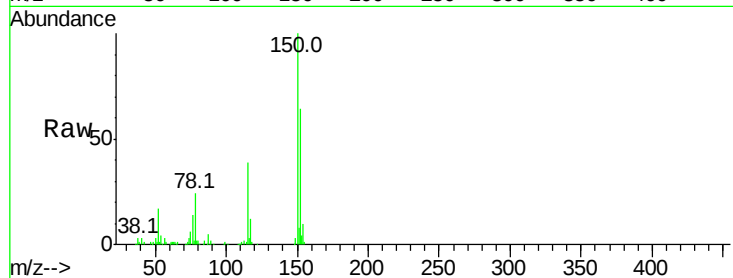
Tot Ion:152 Resp: 105936

Ion Ratio Lower Upper

152 100

150 157.2 124.2 186.2

115 61.9 47.0 70.6



#5

2-Fluorophenol

Concen: 132.37 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

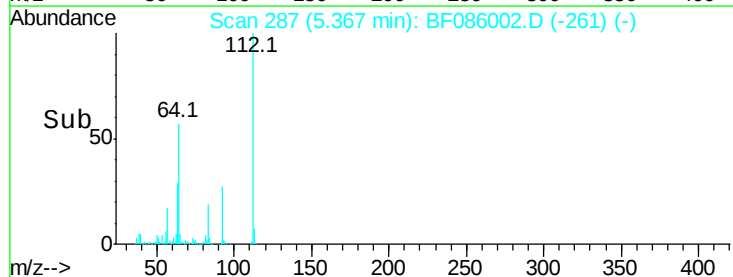
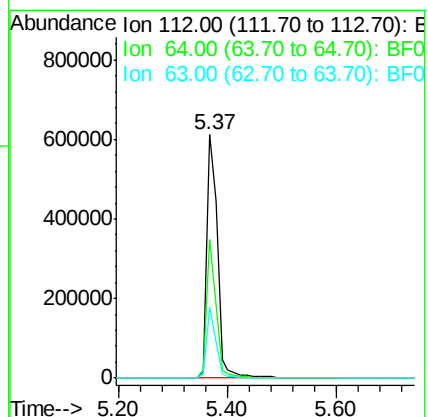
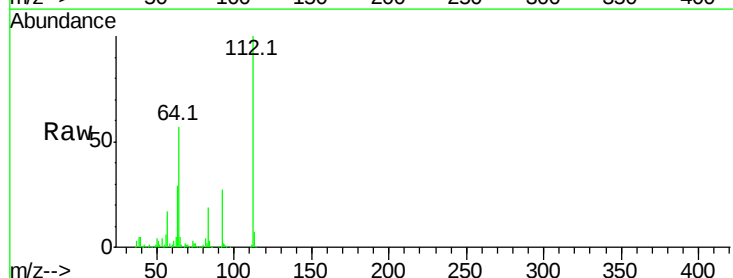
Tgt Ion:112 Resp: 820402

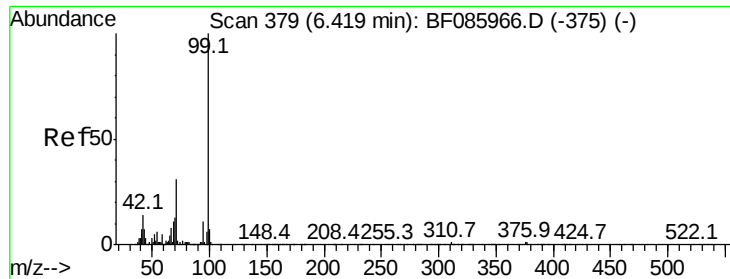
Ion Ratio Lower Upper

112 100

64 57.1 39.9 59.9

63 29.1 20.2 30.2





#7

Phenol-d6

Concen: 146.15 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

BH-4(5-10)

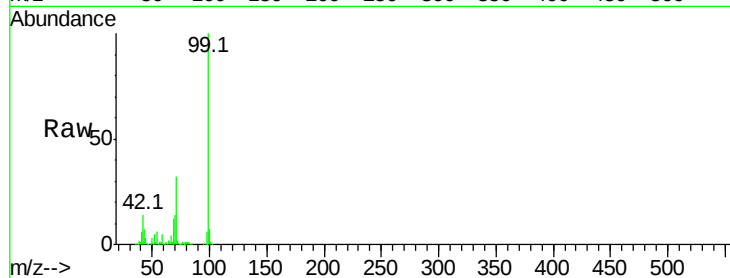
Tot Ion: 99 Resp: 1150534

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

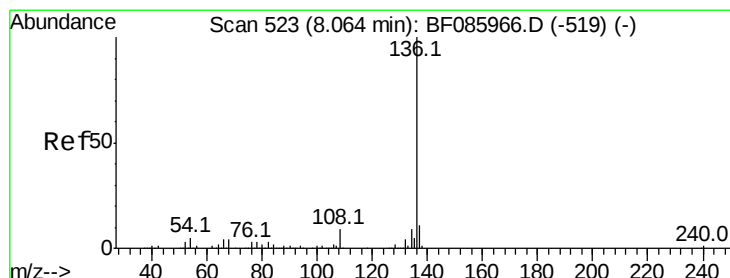
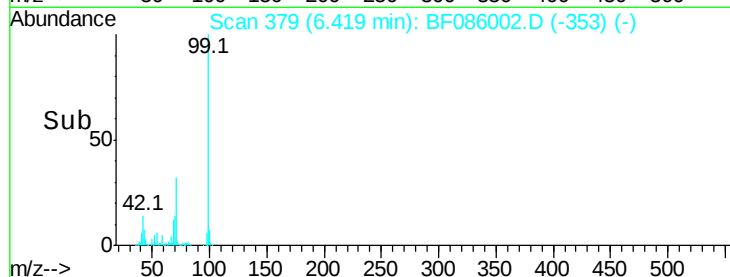
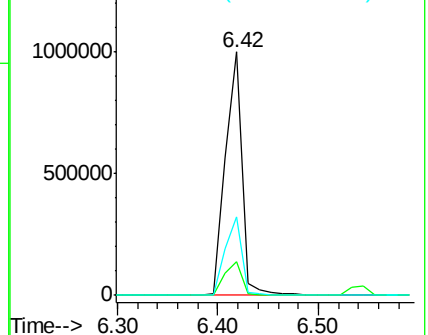
71 32.4 24.9 37.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

Tgt Ion: 136 Resp: 420261

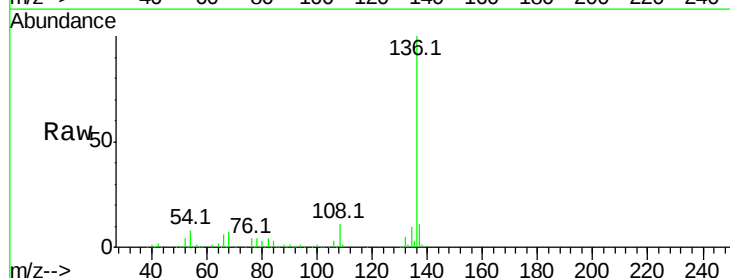
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 7.4 11.0

68 6.7 5.8 8.8

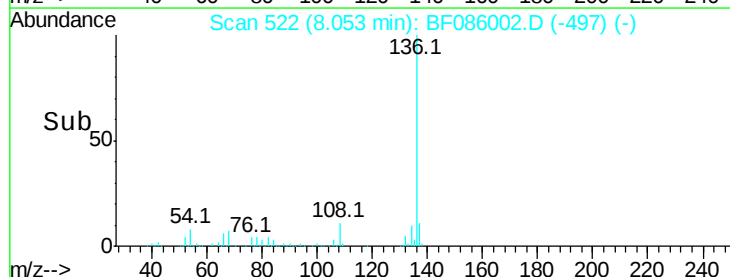
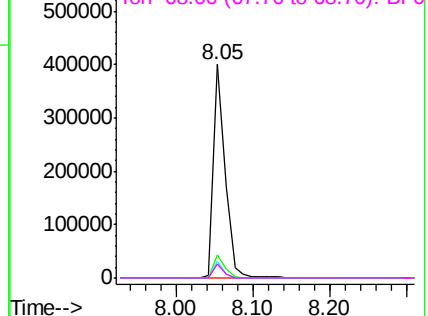


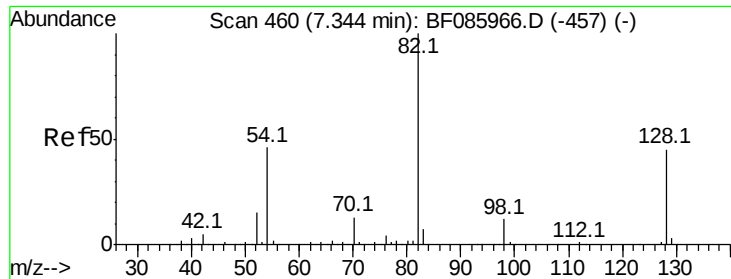
Abundance Ion 136.00 (135.70 to 136.70): E

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

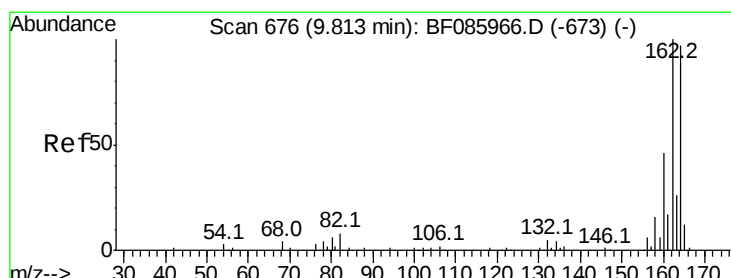
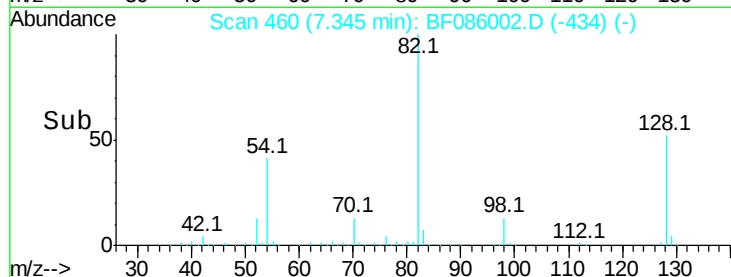
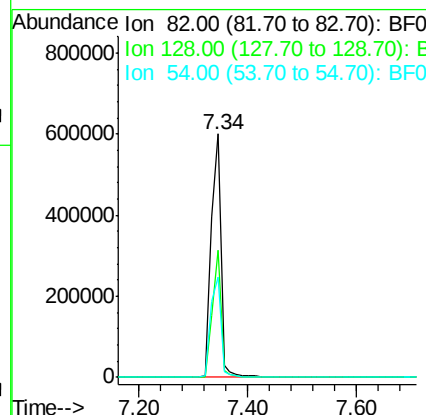
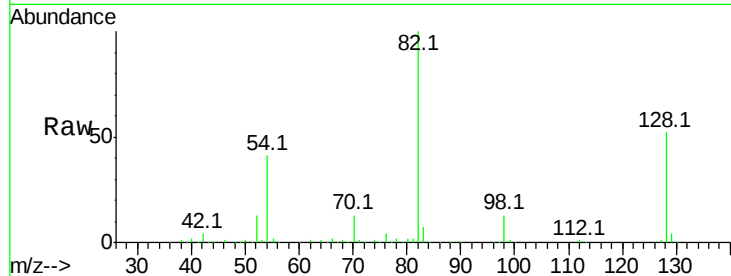




#23
 Nitrobenzene-d5
 Concen: 103.12 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086002.D
 Acq: 2 Apr 2016 10:42

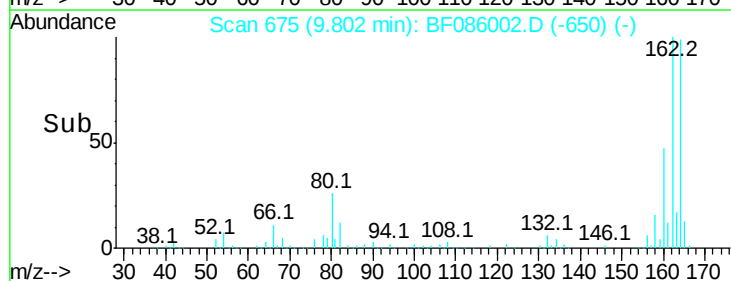
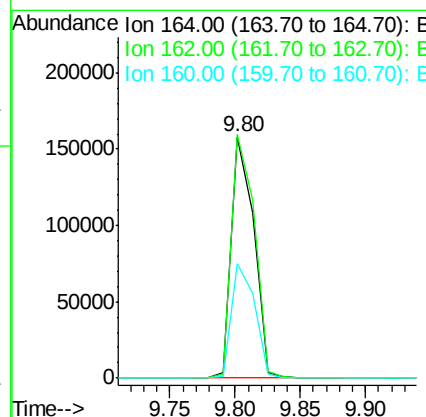
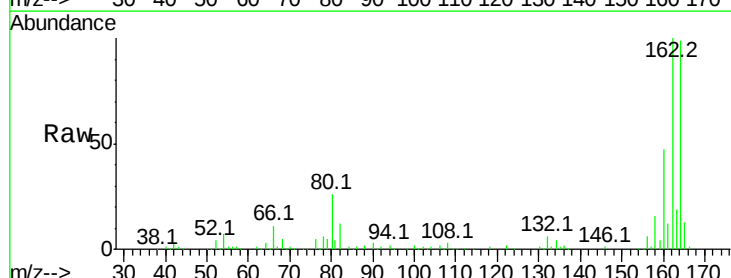
Instrument :
 BNA_F
 ClientSampleID :
 BH-4(5-10)

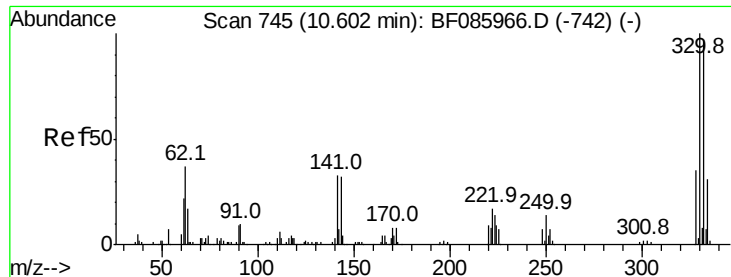
Tot Ion	82	Resp	734872
Ion Ratio	100		
Lower	41.8		
Upper	62.8		
54	41.2		50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086002.D
 Acq: 2 Apr 2016 10:42

Tgt Ion	164	Resp	188738
Ion Ratio	100		
Lower	82.1		
Upper	123.1		
162	100.8		56.2
160	47.2		

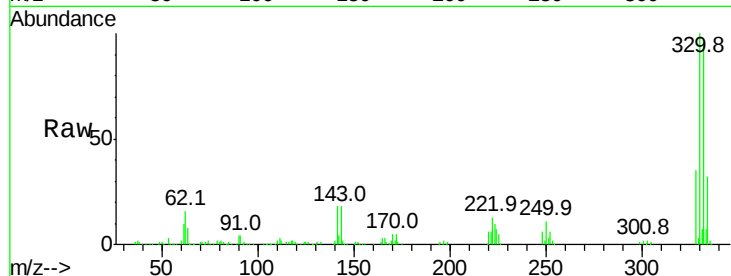




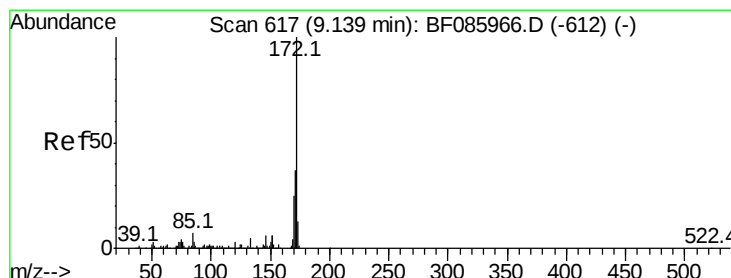
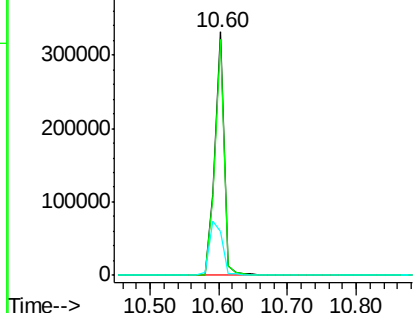
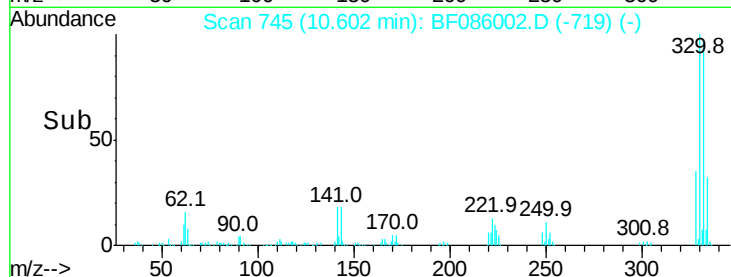
#41
 2,4,6-Tribromophenol
 Concen: 180.96 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086002.D
 Acq: 2 Apr 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :
 BH-4(5-10)

Tot Ion:330 Resp: 320572
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 31.0 31.5 47.3#

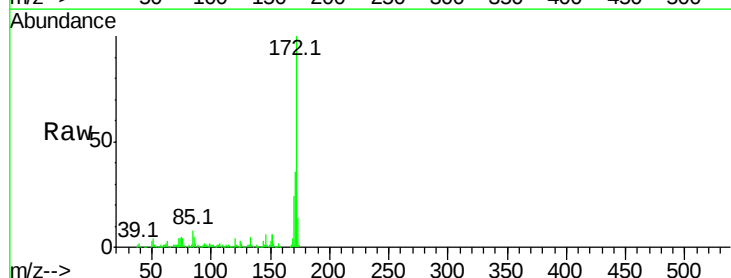


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

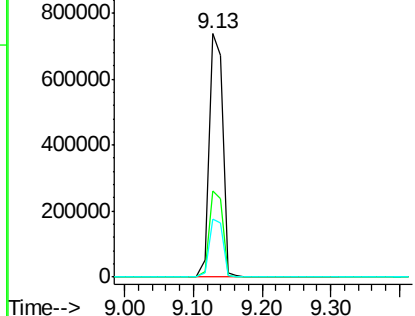
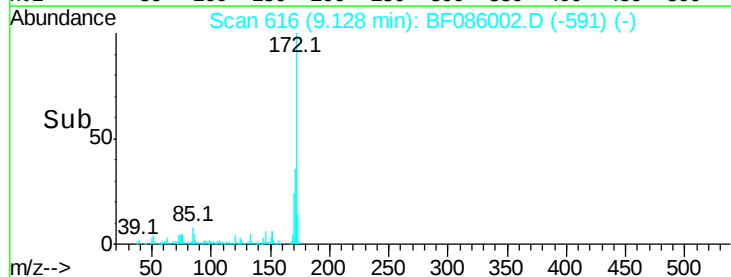


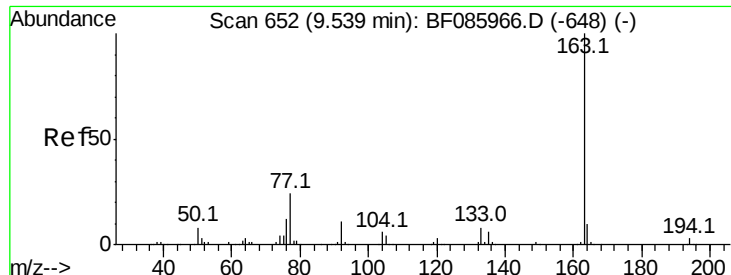
#44
 2-Fluorobiphenyl
 Concen: 89.90 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086002.D
 Acq: 2 Apr 2016 10:42

Tgt Ion:172 Resp: 1020535
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.0 19.8 29.6



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

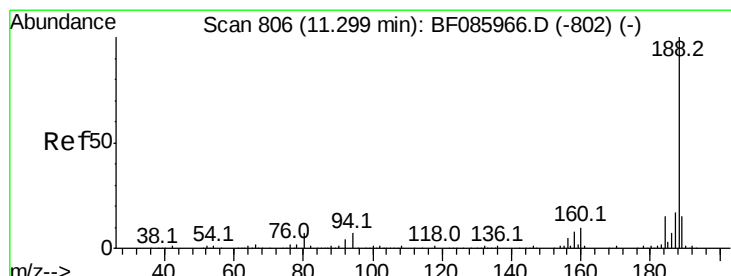
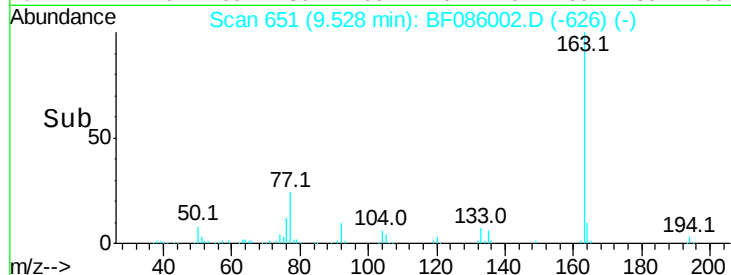
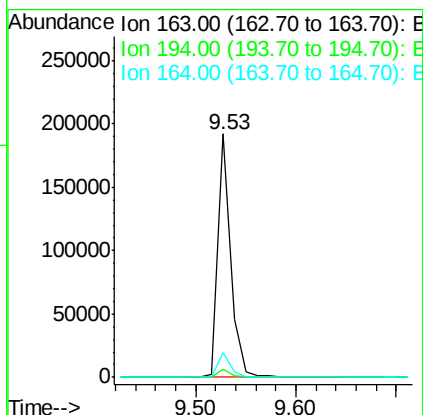
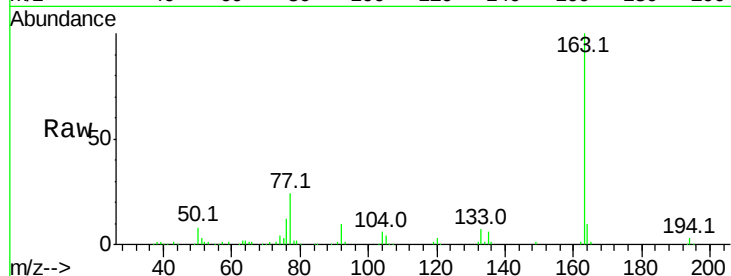




#49
Dimethylphthalate
Concen: 12.27 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086002.D
Acq: 2 Apr 2016 10:42

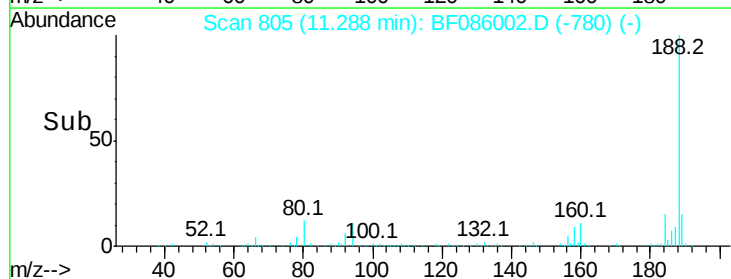
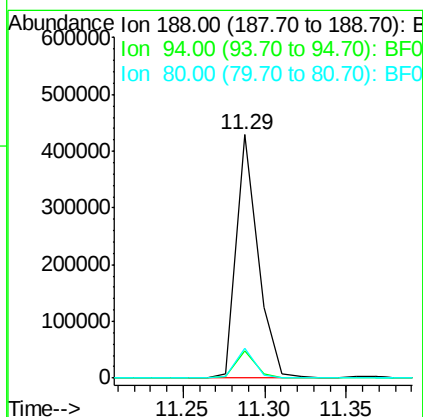
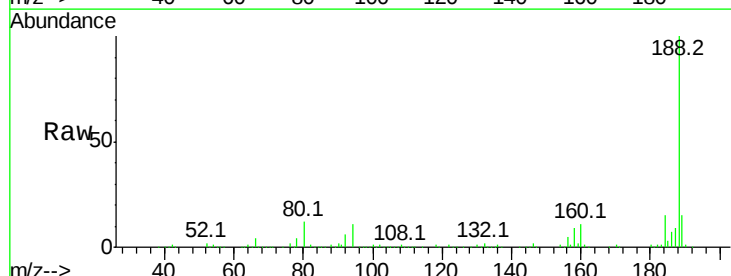
Instrument :
BNA_F
ClientSampleId :
BH-4(5-10)

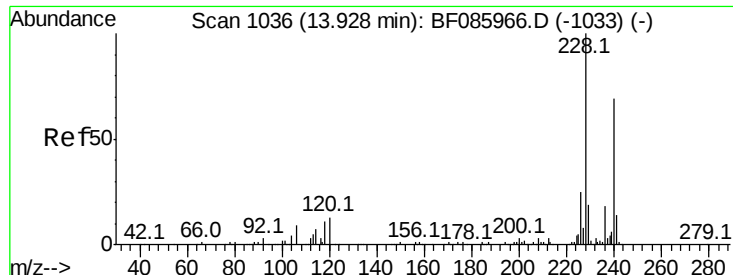
Tot Ion:163 Resp: 171590
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.1 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086002.D
Acq: 2 Apr 2016 10:42

Tgt Ion:188 Resp: 394583
Ion Ratio Lower Upper
188 100
94 11.4 5.4 8.0#
80 12.1 5.5 8.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

BH-4(5-10)

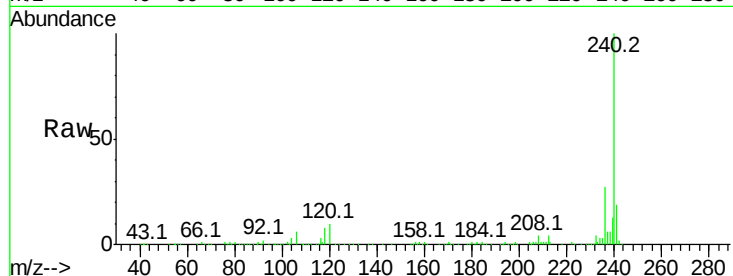
Tot Ion:240 Resp: 362438

Ion Ratio Lower Upper

240 100

120 9.6 13.8 20.8#

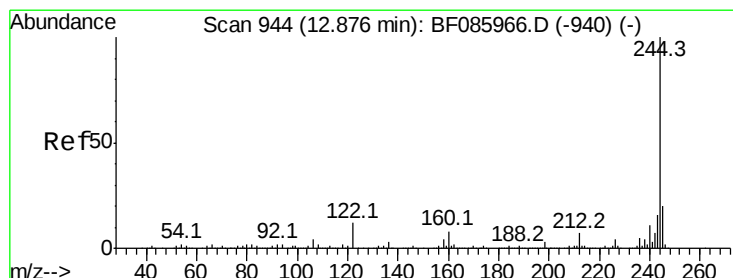
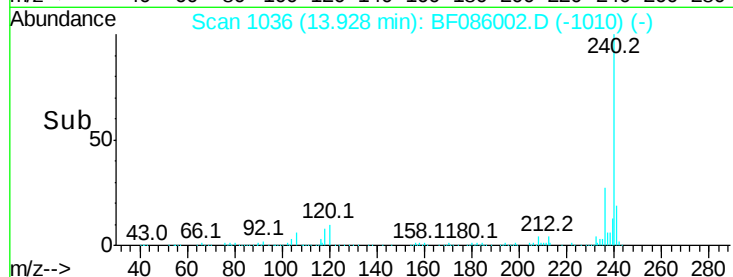
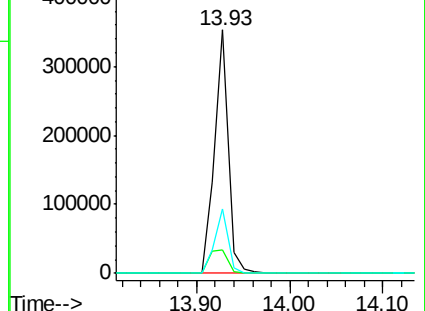
236 26.6 20.6 30.8



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: 72.69 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086002.D

Acq: 2 Apr 2016 10:42

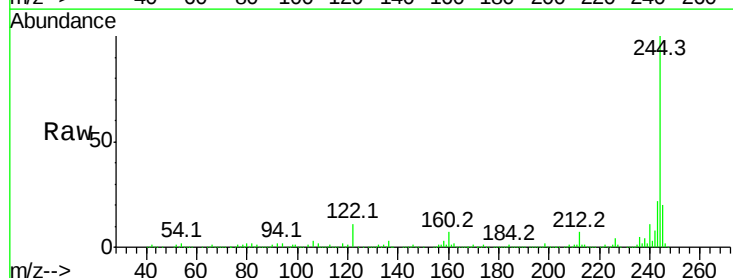
Tgt Ion:244 Resp: 1120709

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

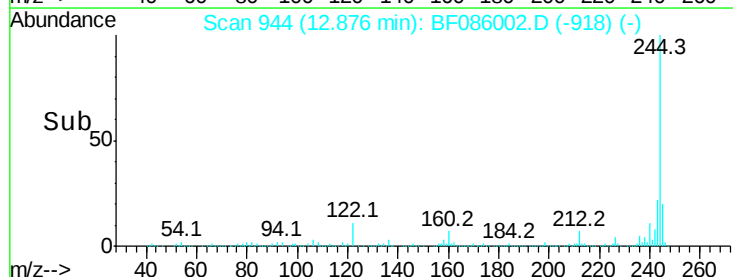
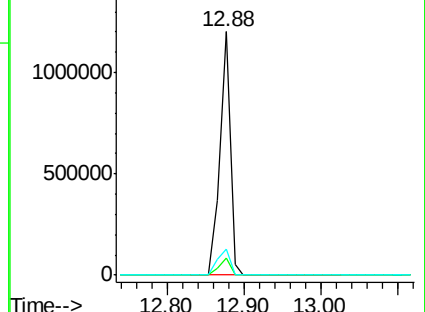
122 10.5 10.2 15.4

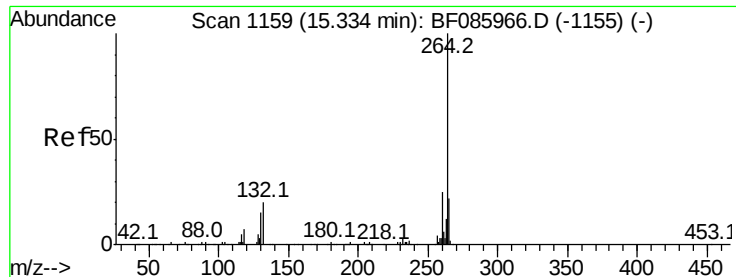


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086002.D
Acq: 2 Apr 2016 10:42

Instrument :
BNA_F
ClientSampleId :
BH-4(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.1	17.2	25.8

