

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086004.D
 Acq On : 2 Apr 2016 11:39
 Operator : UM/SJ
 Sample : H2055-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-6(5-7.5)

Quant Time: Apr 04 01:59:34 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

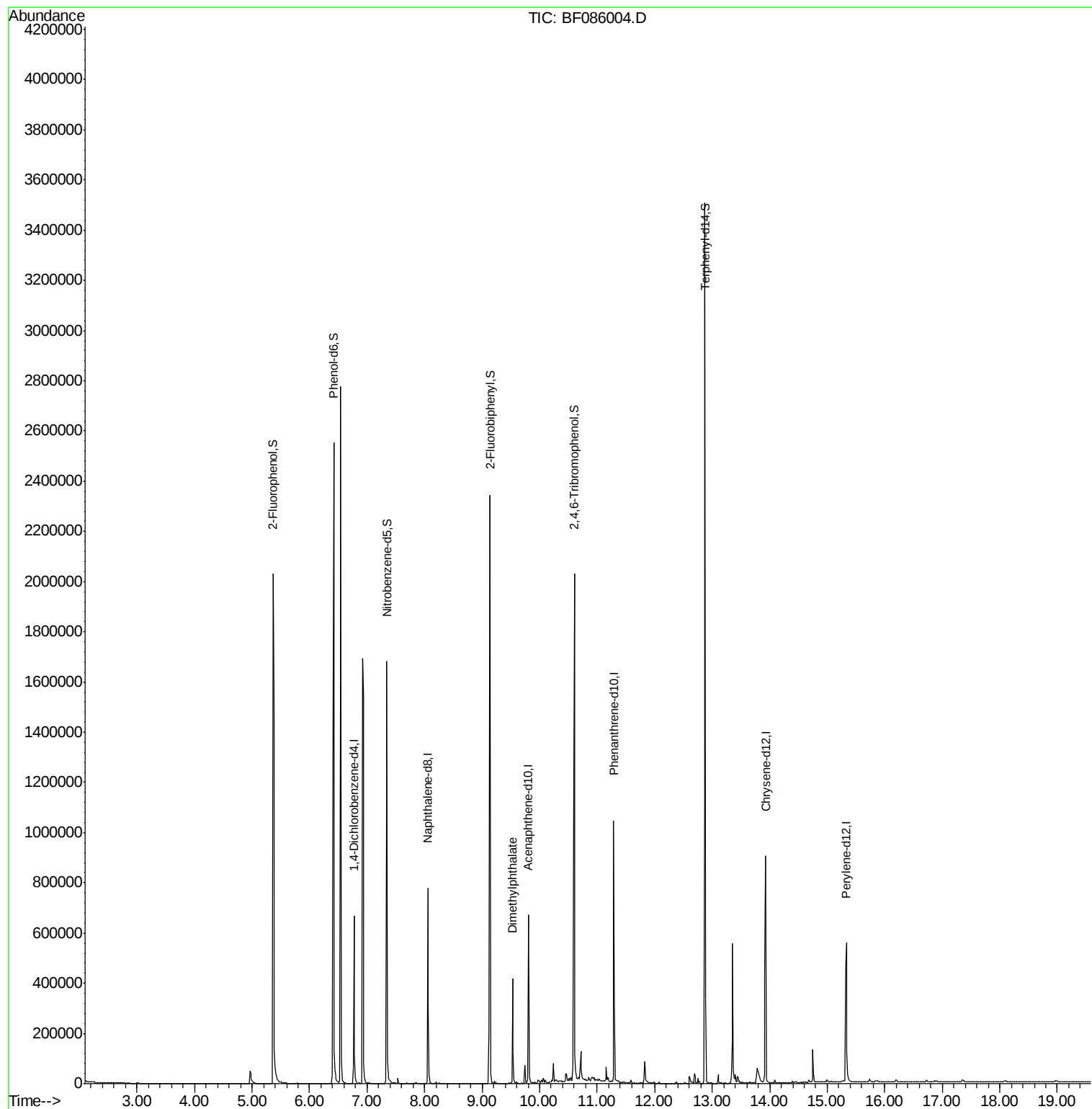
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105736	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	407692	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	188598	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	386120	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	361340	20.00	ng	0.00
86) Perylene-d12	15.33	264	299558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	865802	139.96	ng	0.00
7) Phenol-d6	6.42	99	1172360	149.21	ng	0.00
23) Nitrobenzene-d5	7.34	82	748761	108.31	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	327281	184.89	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1165486	102.75	ng	0.00
78) Terphenyl-d14	12.88	244	1150900	74.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	174966	12.52	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: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

BH-6(5-7.5)

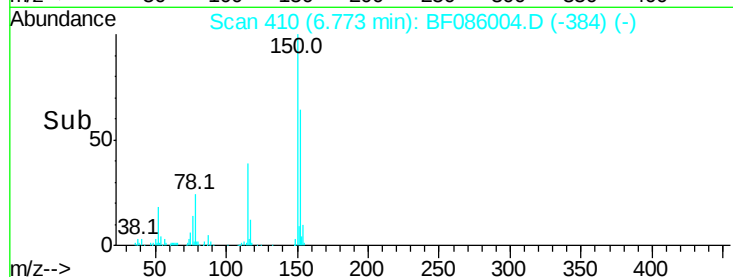
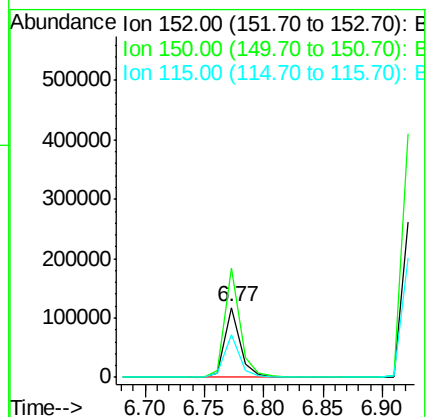
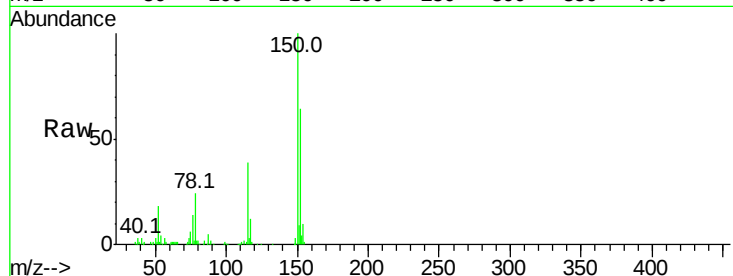
Tot Ion:152 Resp: 105736

Ion Ratio Lower Upper

152 100

150 155.8 124.2 186.2

115 61.0 47.0 70.6



#5

2-Fluorophenol

Concen: 139.96 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

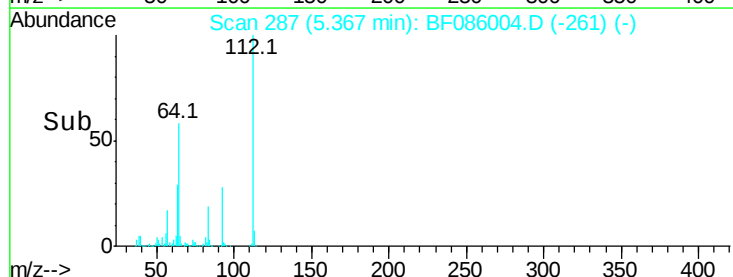
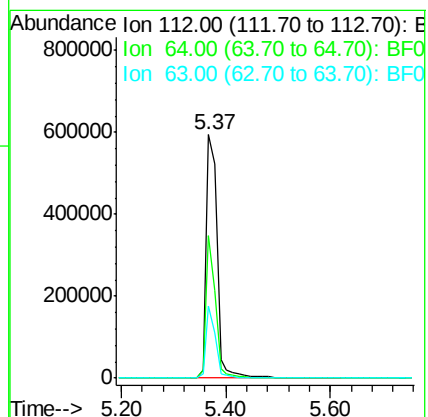
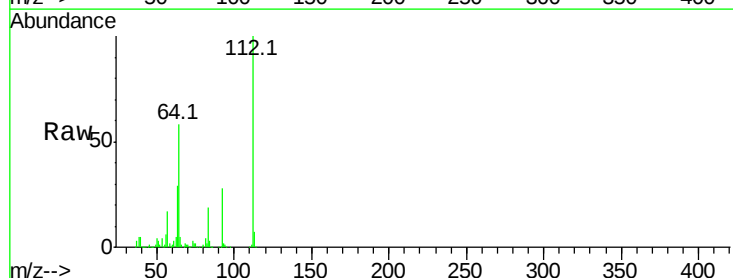
Tgt Ion:112 Resp: 865802

Ion Ratio Lower Upper

112 100

64 58.4 39.9 59.9

63 29.5 20.2 30.2





#7

Phenol-d6

Concen: 149.21 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

BH-6(5-7.5)

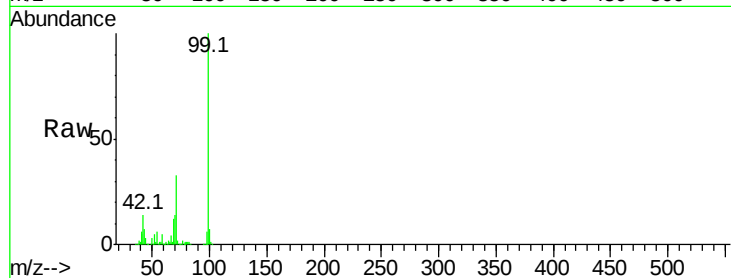
Tot Ion: 99 Resp: 1172360

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

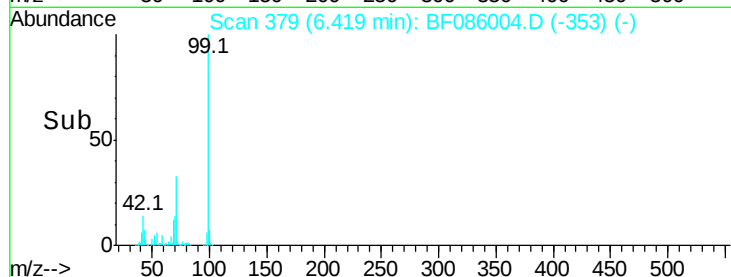
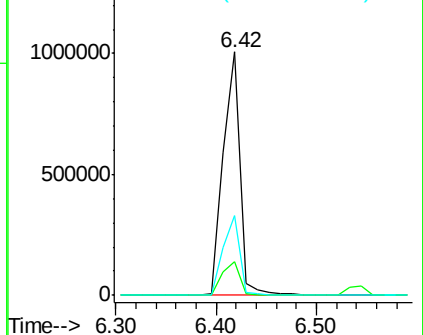
71 32.6 24.9 37.3



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: BF086004.D

Acq: 2 Apr 2016 11:39

Tgt Ion: 136 Resp: 407692

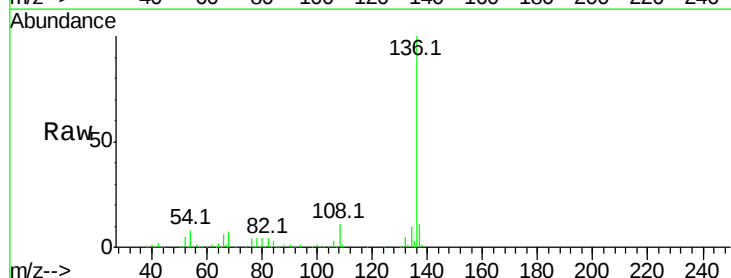
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.3 7.4 11.0

68 6.8 5.8 8.8

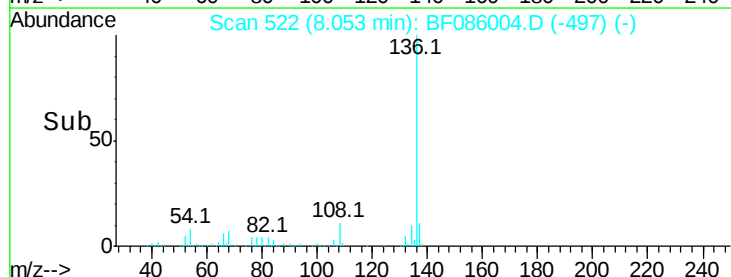
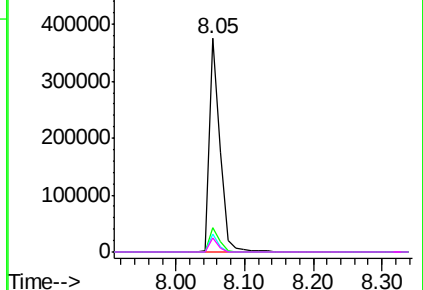


Abundance Ion 136.00 (135.70 to 136.70): E

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

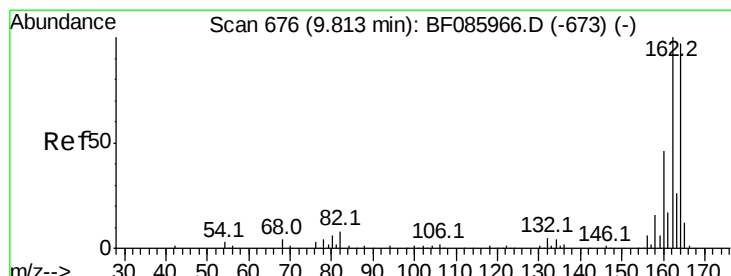
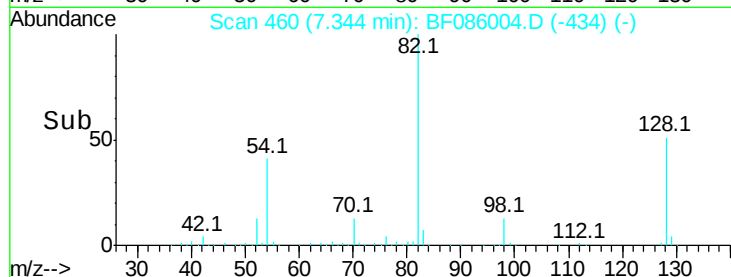
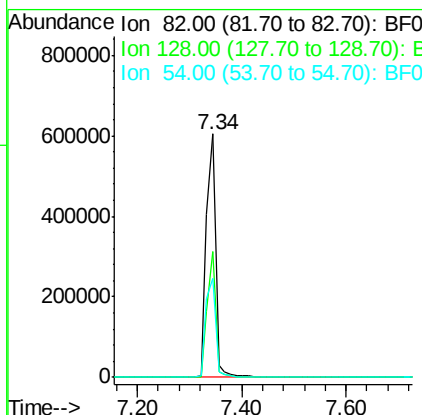
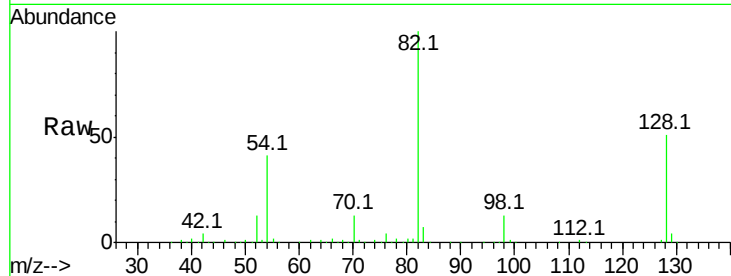




#23
 Nitrobenzene-d5
 Concen: 108.31 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086004.D
 Acq: 2 Apr 2016 11:39

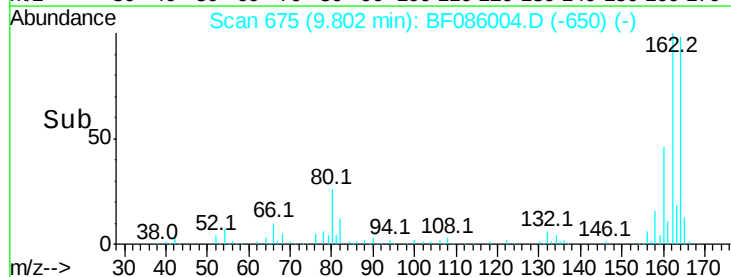
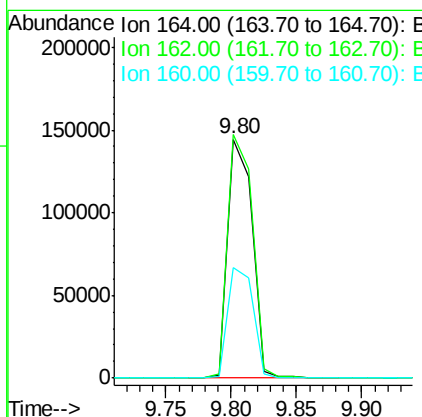
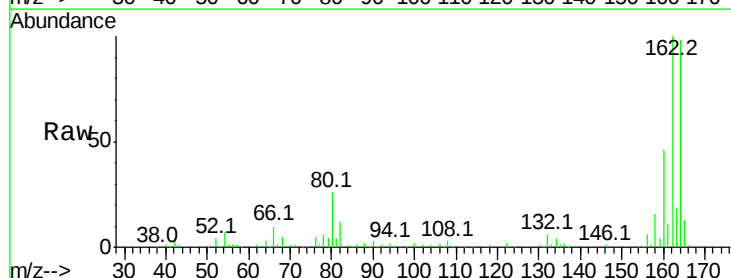
Instrument :
 BNA_F
 ClientSampleId :
 BH-6(5-7.5)

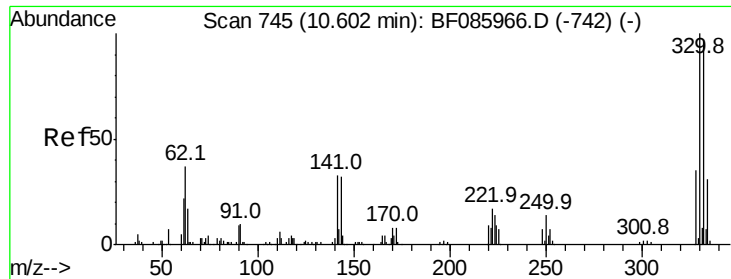
Tot Ion: 82 Resp: 748761
 Ion Ratio Lower Upper
 82 100
 128 51.4 41.8 62.8
 54 40.9 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086004.D
 Acq: 2 Apr 2016 11:39

Tgt Ion: 164 Resp: 188598
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.1 123.1
 160 46.4 37.4 56.2

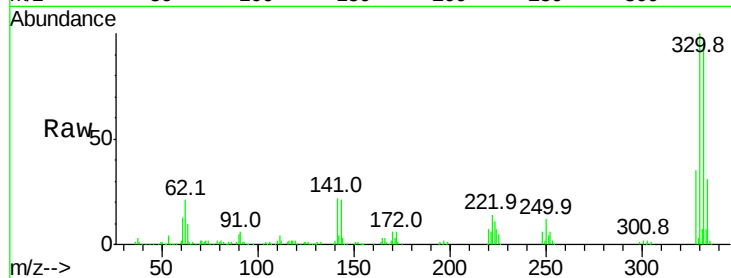




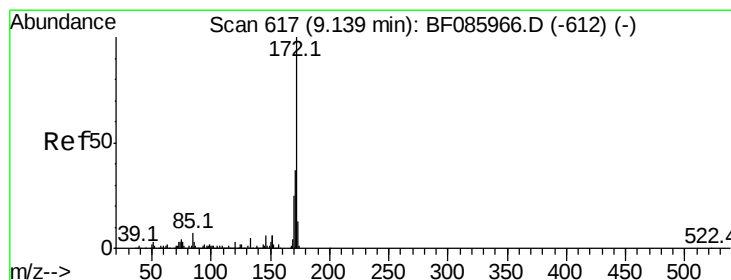
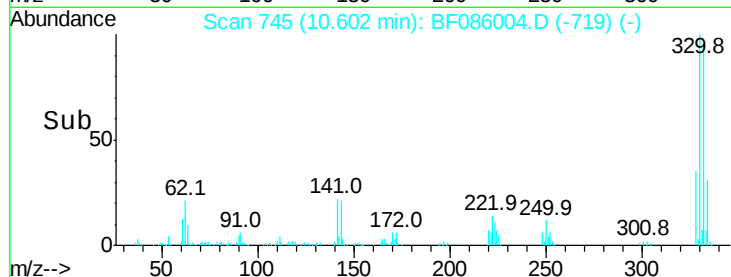
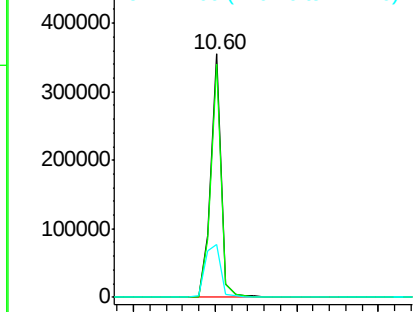
#41
 2,4,6-Tribromophenol
 Concen: 184.89 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086004.D
 Acq: 2 Apr 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 BH-6(5-7.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	32.7	31.5	47.3

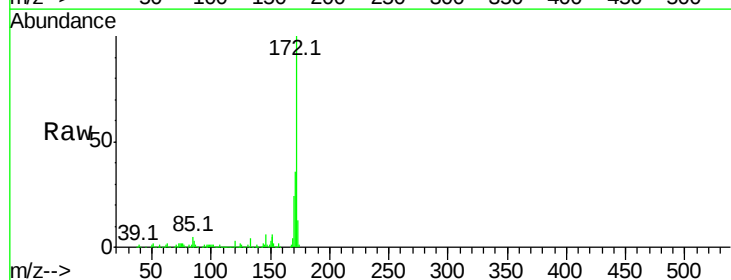


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

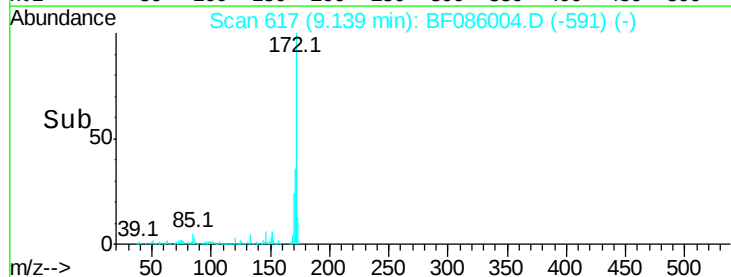
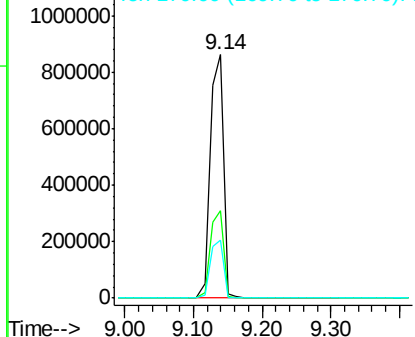


#44
 2-Fluorobiphenyl
 Concen: 102.75 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086004.D
 Acq: 2 Apr 2016 11:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.1	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

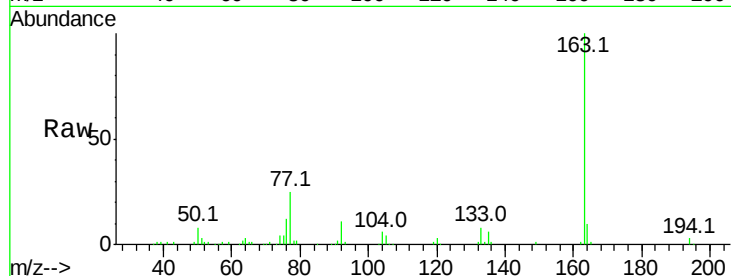




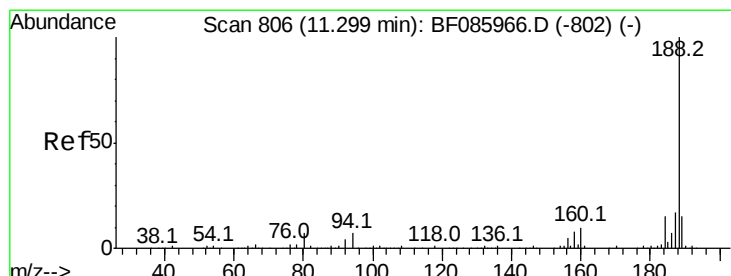
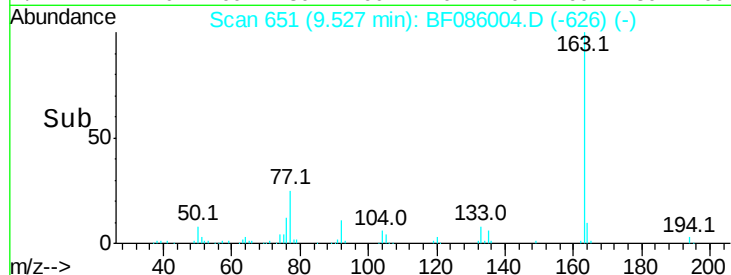
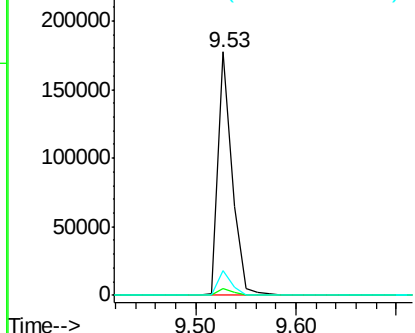
#49
Dimethylphthalate
Concen: 12.52 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086004.D
Acq: 2 Apr 2016 11:39

Instrument :
BNA_F
ClientSampleId :
BH-6(5-7.5)

Tot Ion:163 Resp: 174966
Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3
164 10.3 8.3 12.5

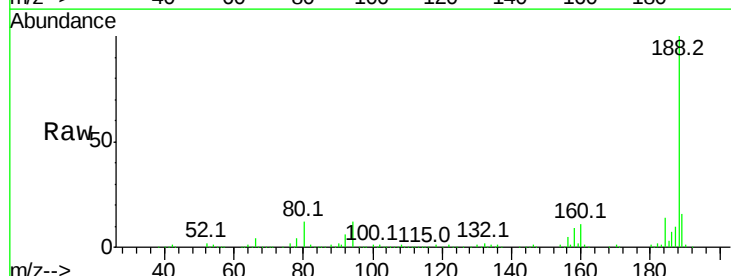


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

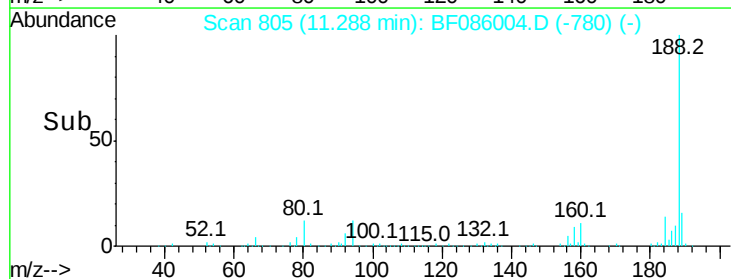
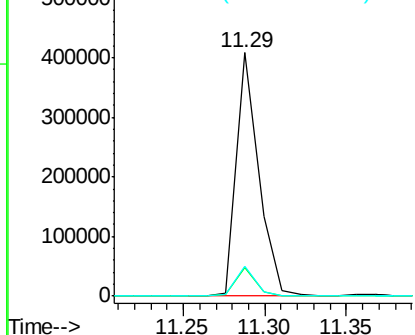


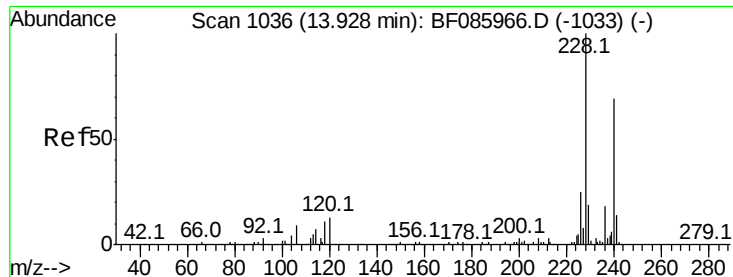
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086004.D
Acq: 2 Apr 2016 11:39

Tgt Ion:188 Resp: 386120
Ion Ratio Lower Upper
188 100
94 11.5 5.4 8.0#
80 12.3 5.5 8.3#



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: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

BH-6(5-7.5)

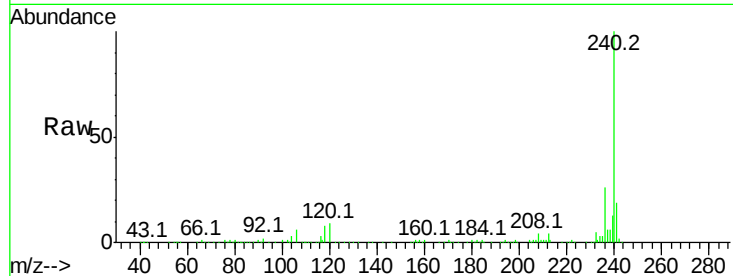
Tot Ion:240 Resp: 361340

Ion Ratio Lower Upper

240 100

120 9.3 13.8 20.8#

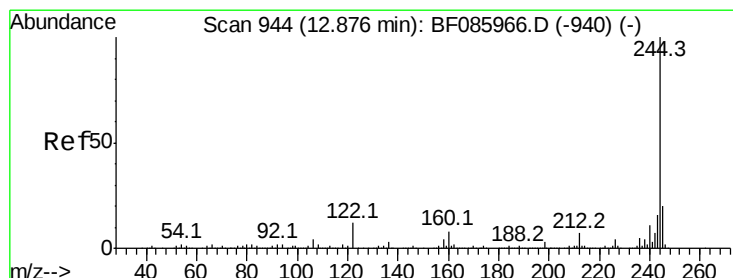
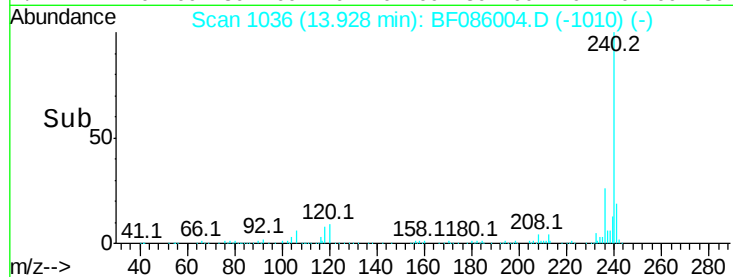
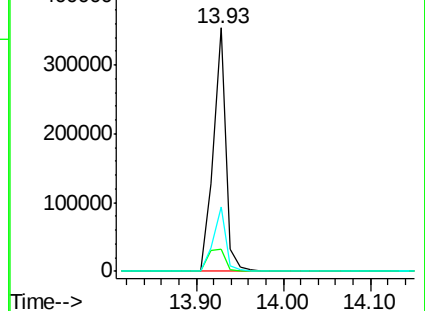
236 26.2 20.6 30.8



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: 74.87 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086004.D

Acq: 2 Apr 2016 11:39

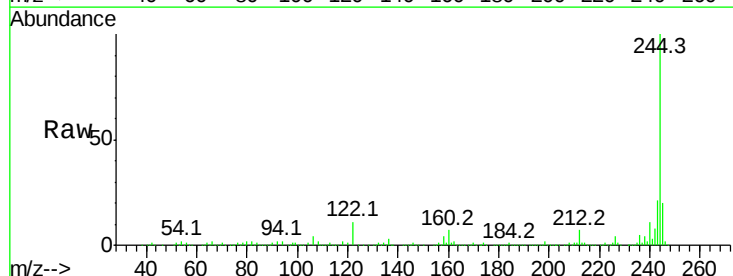
Tgt Ion:244 Resp: 1150900

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

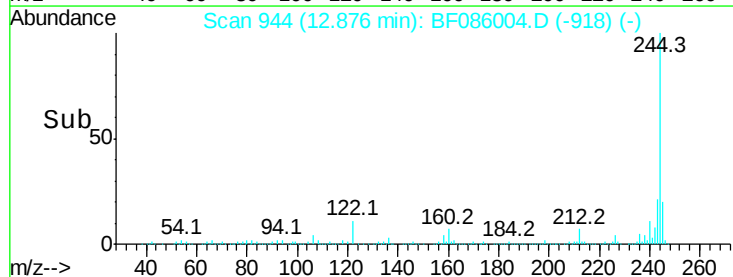
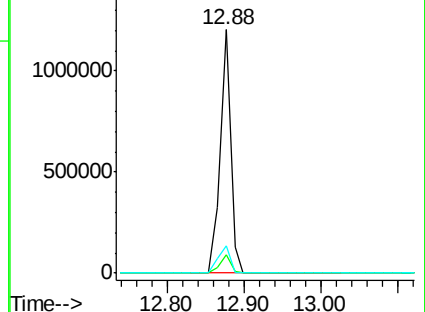
122 11.3 10.2 15.4

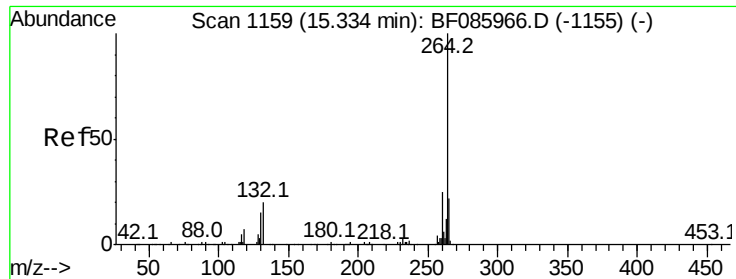


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086004.D
Acq: 2 Apr 2016 11:39

Instrument :
BNA_F
ClientSampleId :
BH-6(5-7.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.2	17.2	25.8

