

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086005.D
 Acq On : 2 Apr 2016 12:08
 Operator : UM/SJ
 Sample : H2055-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-7(5-10)

Quant Time: Apr 04 02:01:11 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

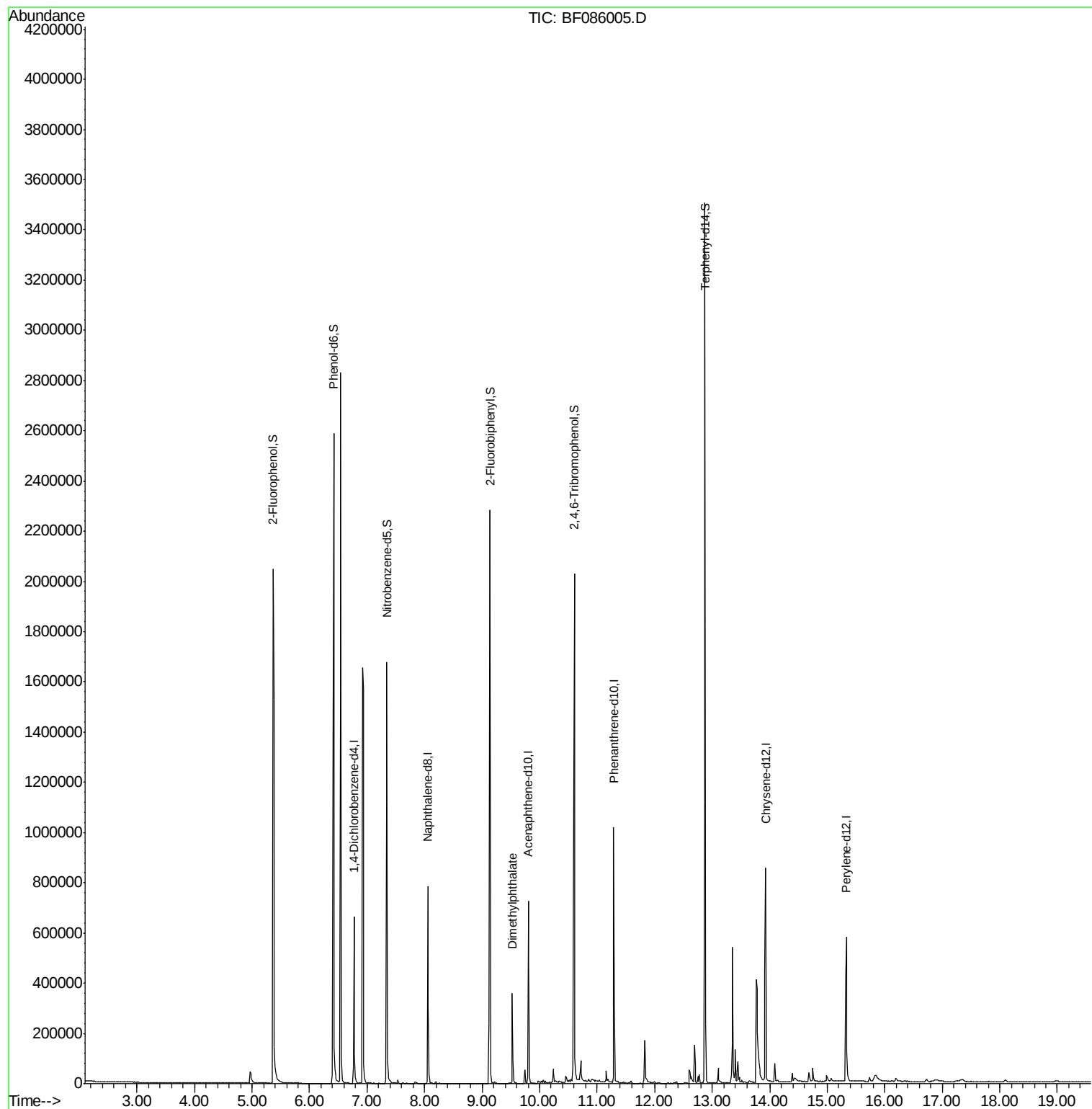
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103171	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	407920	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	184146	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	376405	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	346622	20.00	ng	0.00
86) Perylene-d12	15.33	264	291299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	886724	146.91	ng	0.00
7) Phenol-d6	6.42	99	1155706	150.74	ng	0.00
23) Nitrobenzene-d5	7.34	82	749663	108.38	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	330722	191.35	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1144189	103.31	ng	0.00
78) Terphenyl-d14	12.88	244	1116888	75.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	145383	10.65	ng	Qvalue 100

(#) = 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: BF086005.D

Acq: 2 Apr 2016 12:08

Instrument :

BNA_F

ClientSampleId :

BH-7(5-10)

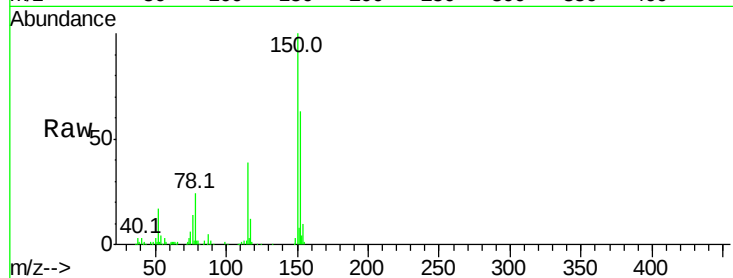
Tot Ion:152 Resp: 103171

Ion Ratio Lower Upper

152 100

150 158.5 124.2 186.2

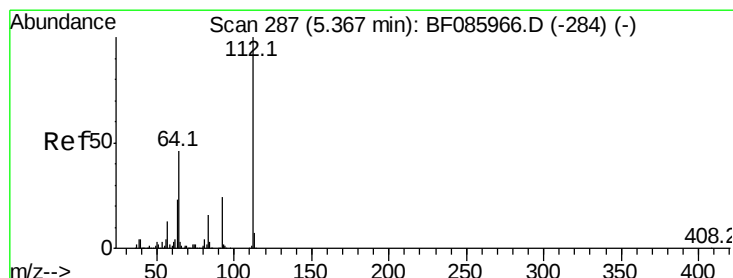
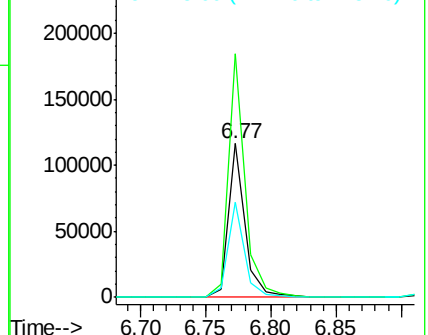
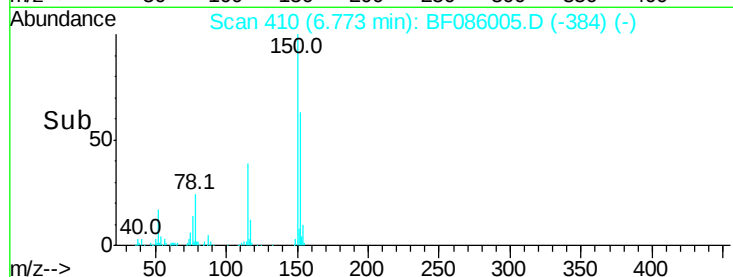
115 61.8 47.0 70.6



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: 146.91 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086005.D

Acq: 2 Apr 2016 12:08

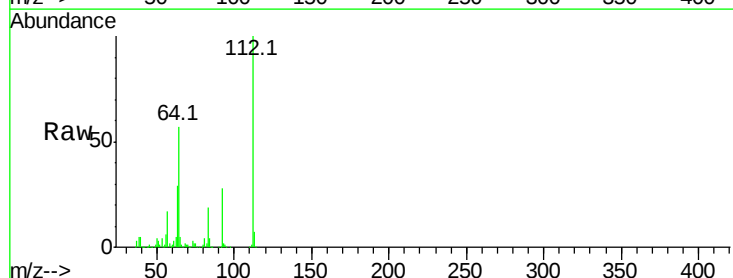
Tgt Ion:112 Resp: 886724

Ion Ratio Lower Upper

112 100

64 57.3 39.9 59.9

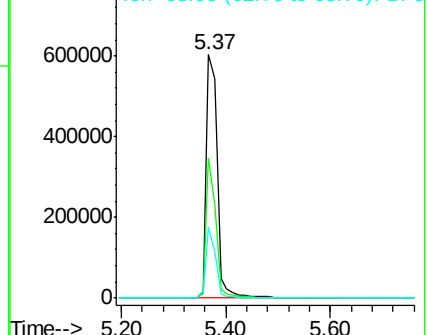
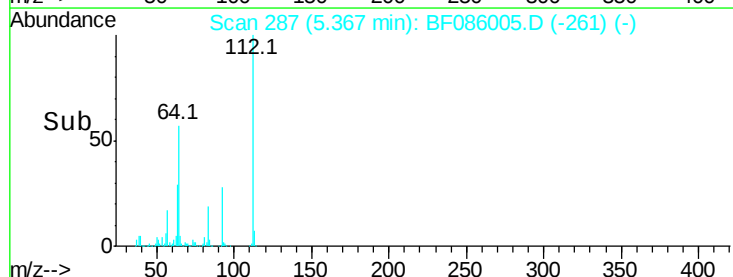
63 29.2 20.2 30.2



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: 150.74 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086005.D

Acq: 2 Apr 2016 12:08

Instrument :

BNA_F

ClientSampleId :

BH-7(5-10)

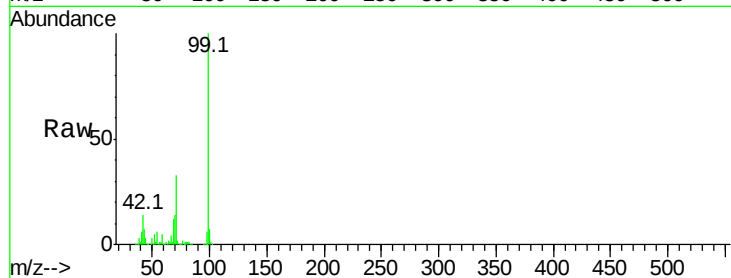
Tot Ion: 99 Resp: 1155706

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

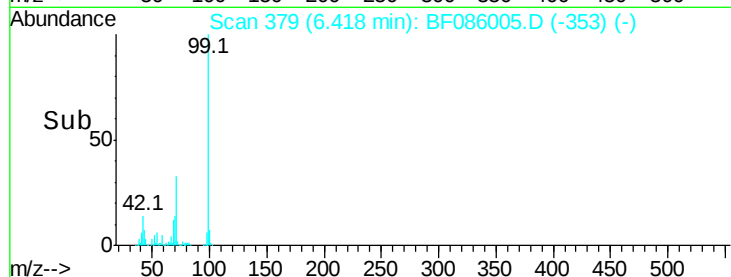
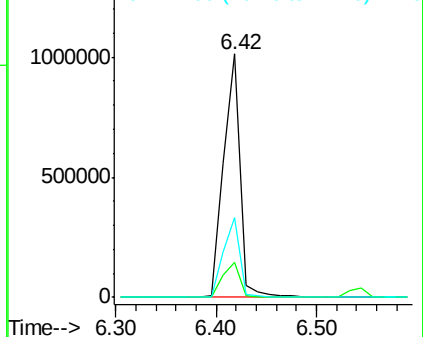
71 32.9 24.9 37.3



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: BF086005.D

Acq: 2 Apr 2016 12:08

Tgt Ion: 136 Resp: 407920

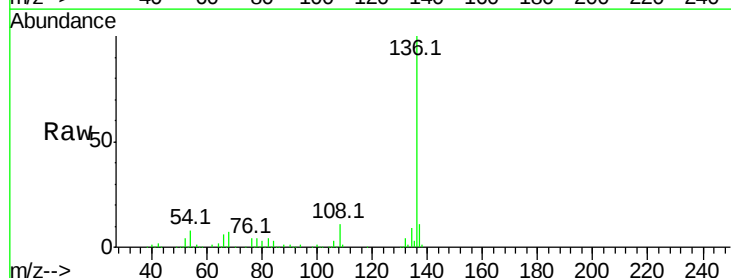
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.1 7.4 11.0

68 6.7 5.8 8.8

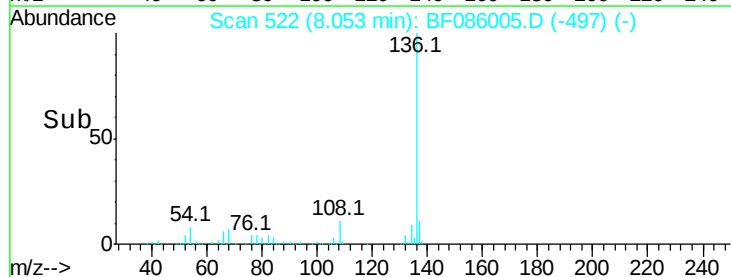
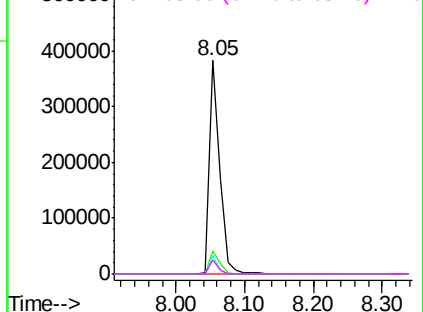


Abundance Ion 136.00 (135.70 to 136.70): E

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

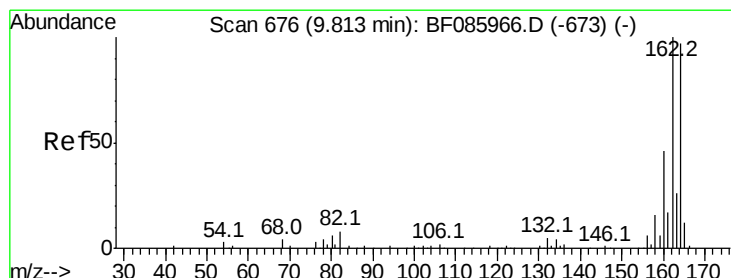
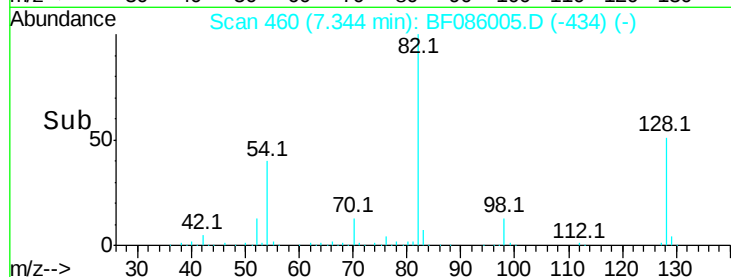
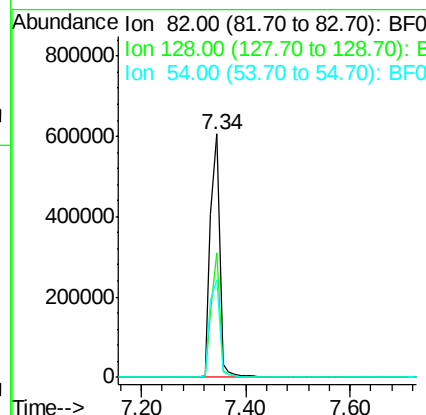
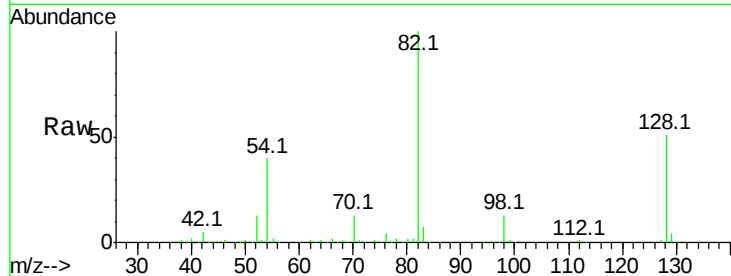




#23
 Nitrobenzene-d5
 Concen: 108.38 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086005.D
 Acq: 2 Apr 2016 12:08

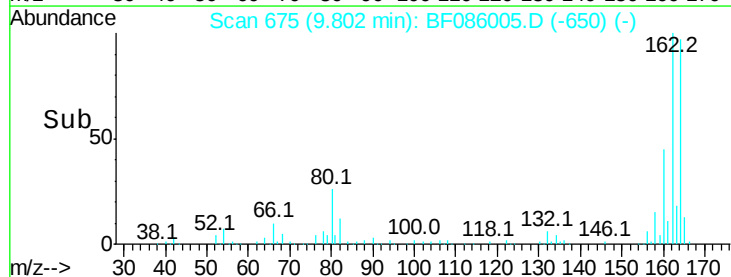
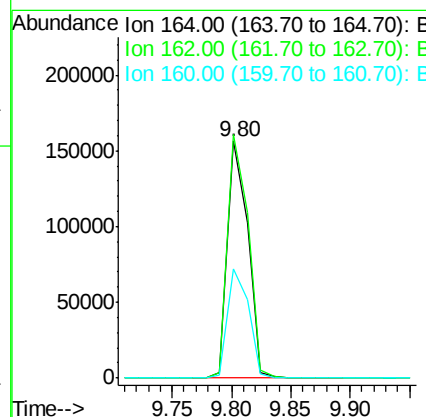
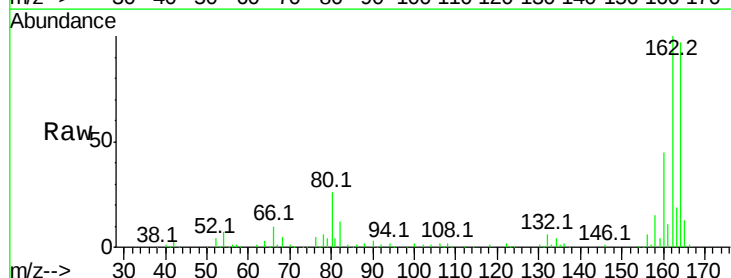
Instrument :
 BNA_F
 ClientSampleId :
 BH-7(5-10)

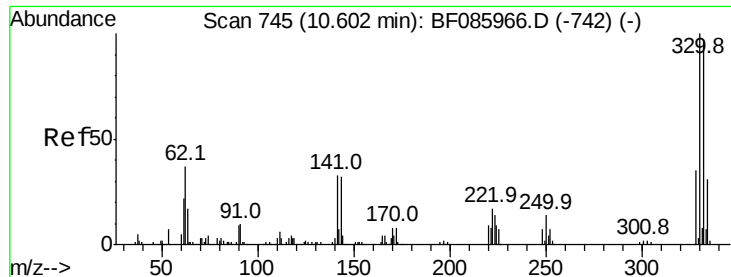
Tot Ion: 82 Resp: 749663
 Ion Ratio Lower Upper
 82 100
 128 50.9 41.8 62.8
 54 40.1 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086005.D
 Acq: 2 Apr 2016 12:08

Tgt Ion:164 Resp: 184146
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 46.1 37.4 56.2

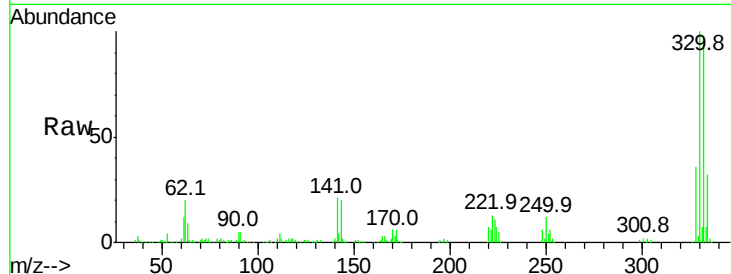




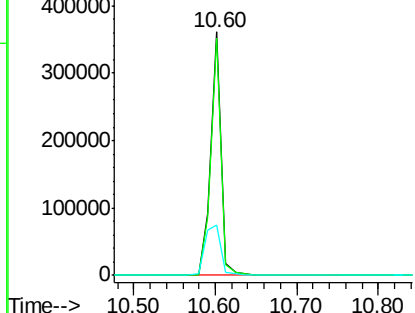
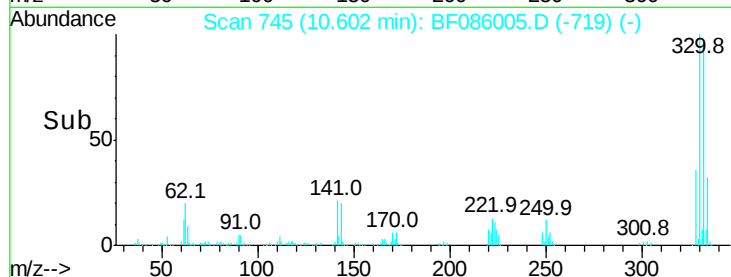
#41
 2,4,6-Tribromophenol
 Concen: 191.35 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086005.D
 Acq: 2 Apr 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 BH-7(5-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	31.9	31.5	47.3

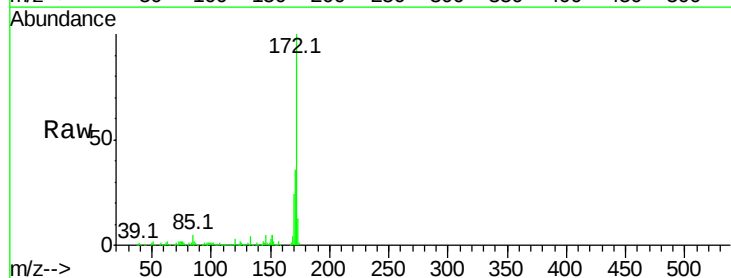


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

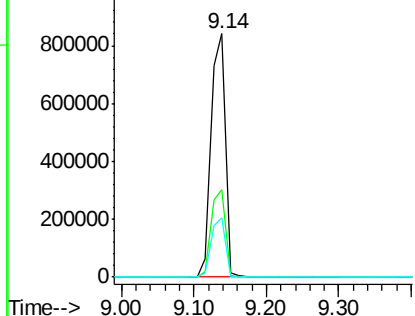
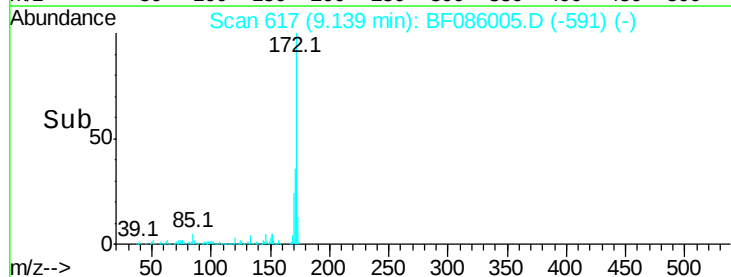


#44
 2-Fluorobiphenyl
 Concen: 103.31 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086005.D
 Acq: 2 Apr 2016 12:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	24.4	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

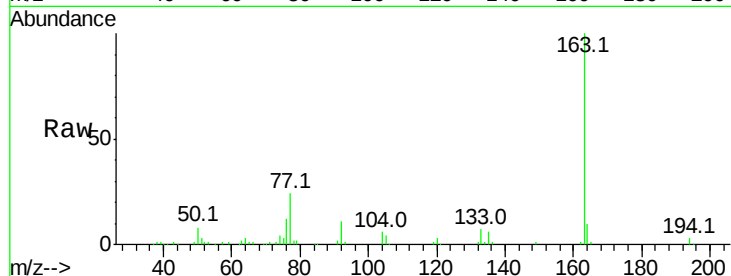




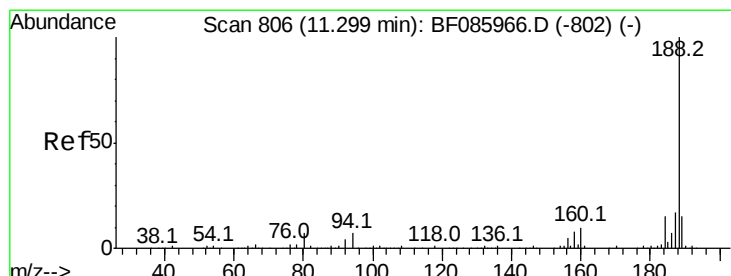
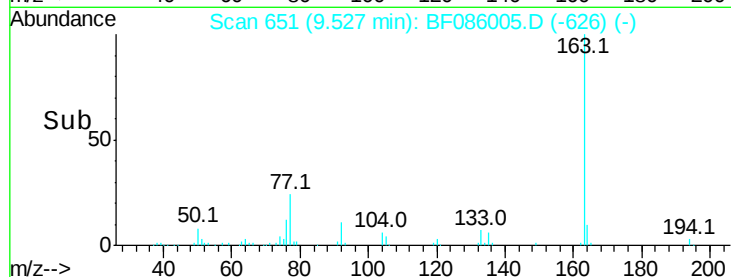
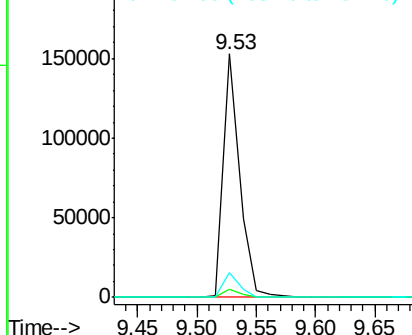
#49
Dimethylphthalate
Concen: 10.65 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086005.D
Acq: 2 Apr 2016 12:08

Instrument :
BNA_F
ClientSampleId :
BH-7(5-10)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.3	8.3	12.5

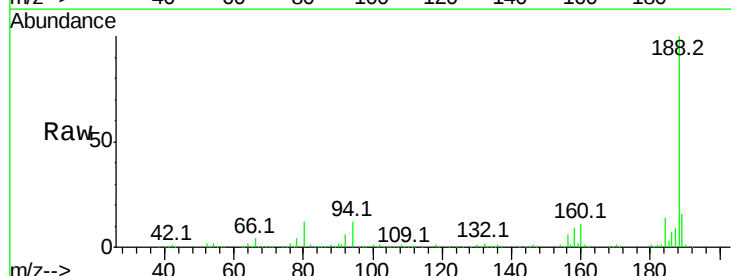


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

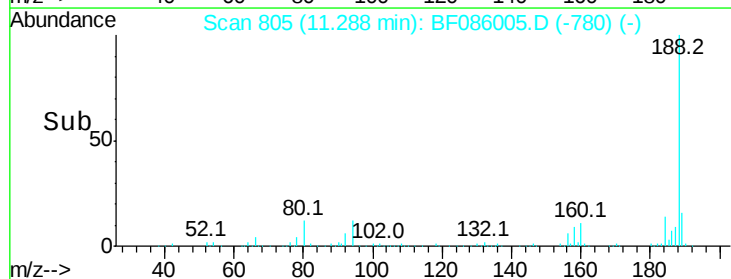
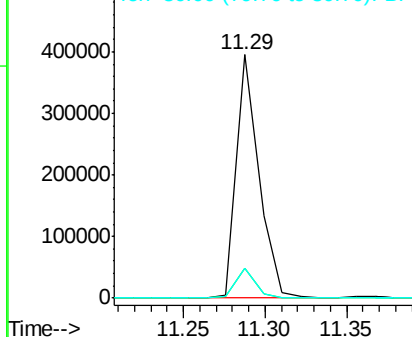


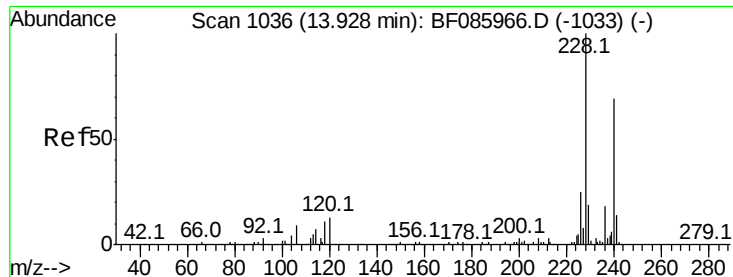
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086005.D
Acq: 2 Apr 2016 12:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.4	8.0#
80	12.5	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: BF086005.D

Acq: 2 Apr 2016 12:08

Instrument :

BNA_F

ClientSampleId :

BH-7(5-10)

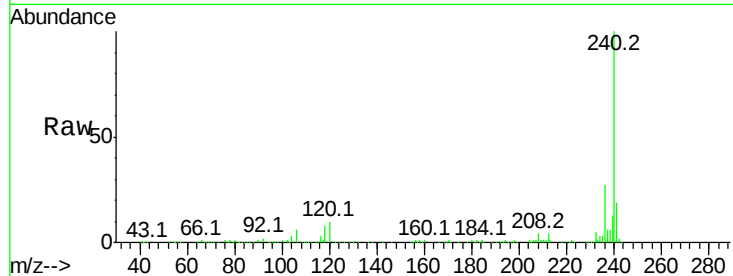
Tot Ion:240 Resp: 346622

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

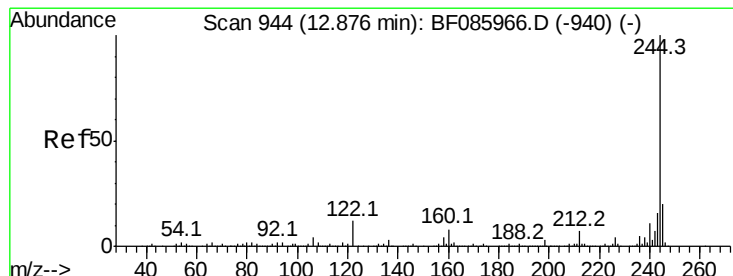
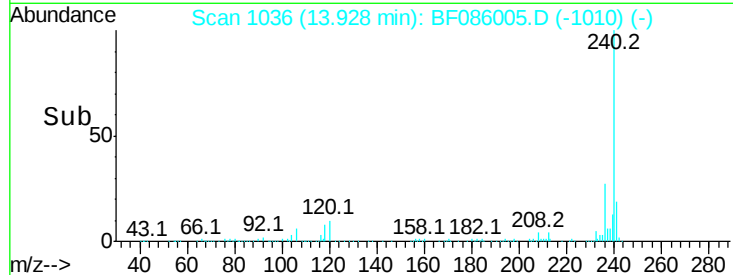
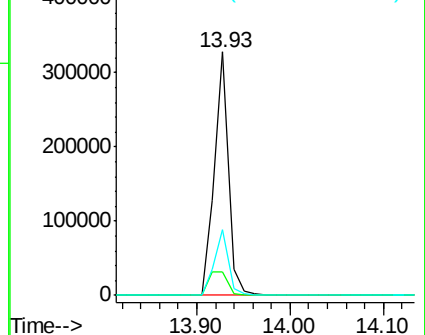
236 27.0 20.6 30.8



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: 75.74 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086005.D

Acq: 2 Apr 2016 12:08

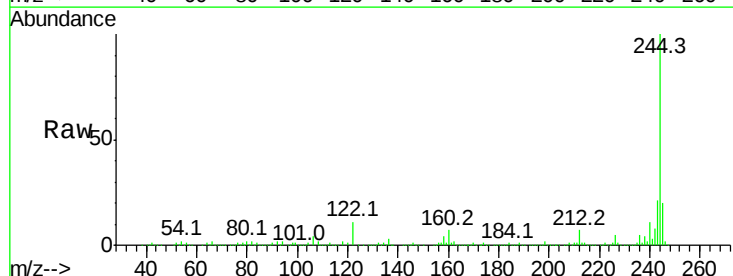
Tgt Ion:244 Resp: 1116888

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

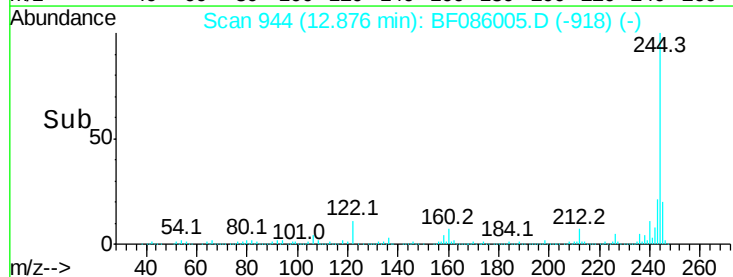
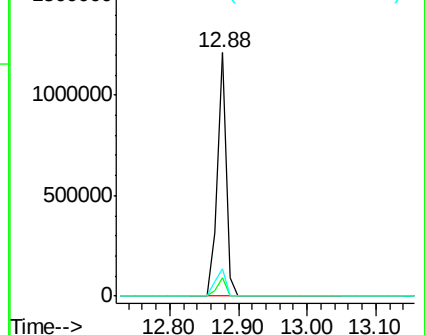
122 11.1 10.2 15.4

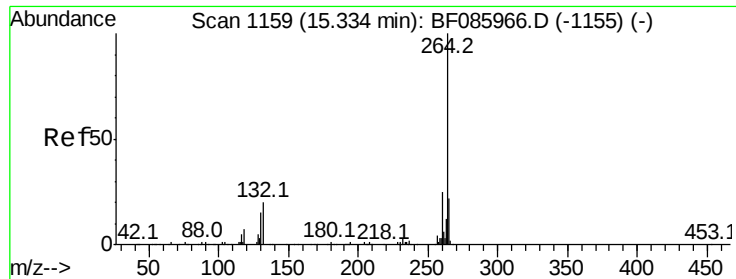


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086005.D
 Acq: 2 Apr 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 BH-7(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.3	17.2	25.8

