

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086003.D
 Acq On : 2 Apr 2016 11:11
 Operator : UM/SJ
 Sample : H2055-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Apr 04 01:57:15 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

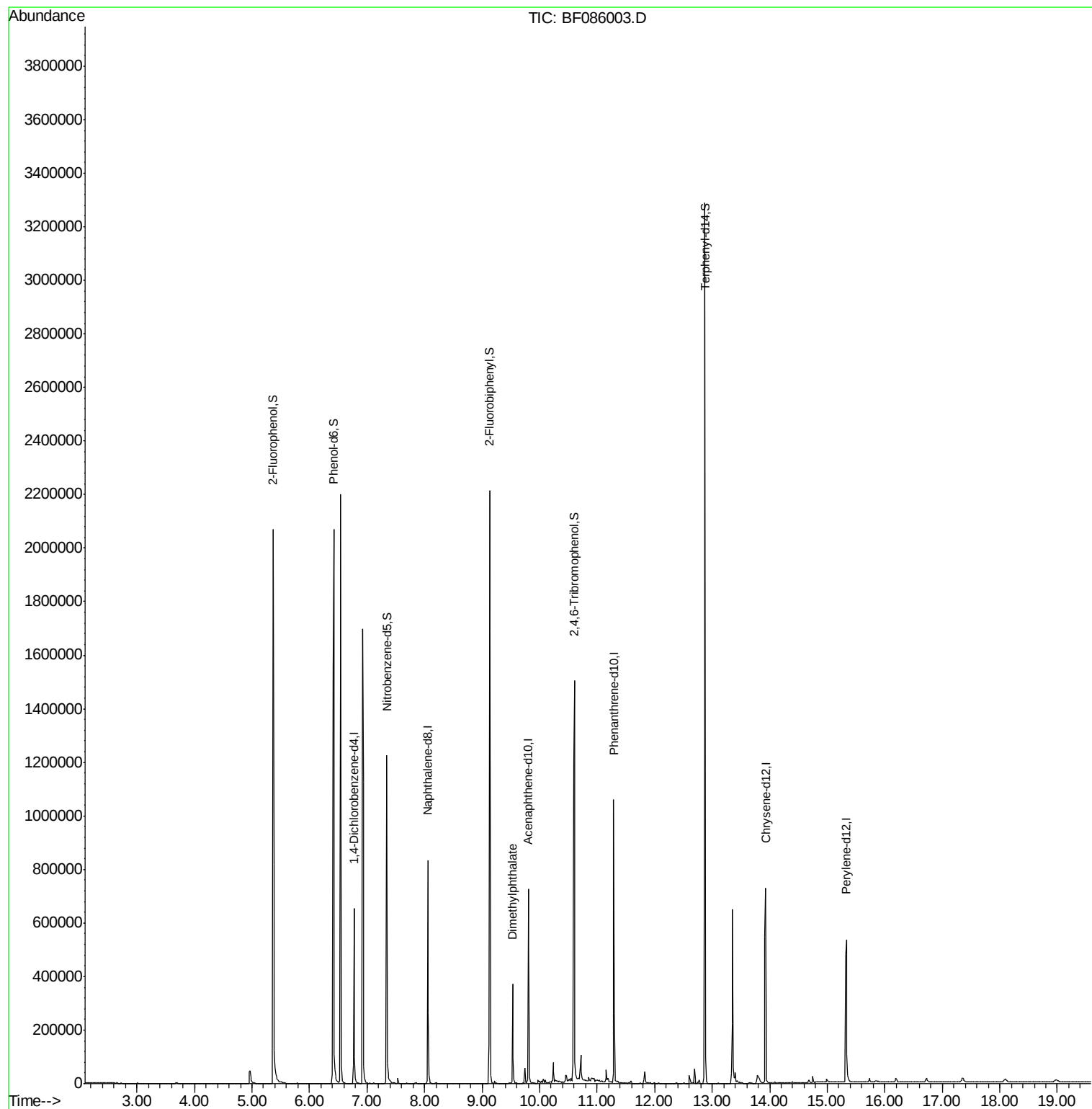
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103348	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	410967	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	187996	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	378577	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	340677	20.00	ng	0.00
86) Perylene-d12	15.33	264	293643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	727527	120.33	ng	0.00
7) Phenol-d6	6.42	99	1066828	138.91	ng	0.00
23) Nitrobenzene-d5	7.34	82	625320	89.73	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	285028	161.53	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	980030	86.68	ng	-0.01
78) Terphenyl-d14	12.88	244	1086458	74.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	152391	10.94	ng	100

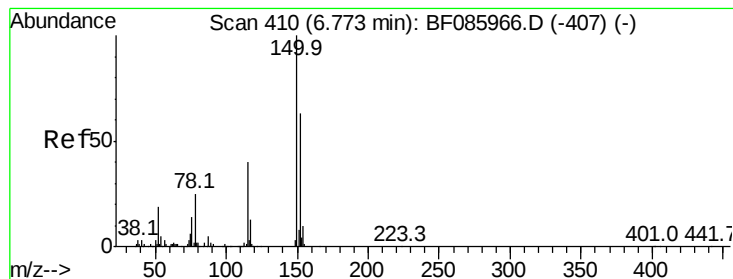
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086003.D

Acq: 2 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

BH-5(5-7)

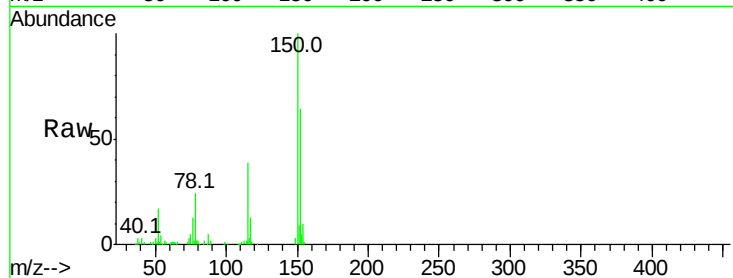
Tot Ion:152 Resp: 103348

Ion Ratio Lower Upper

152 100

150 155.2 124.2 186.2

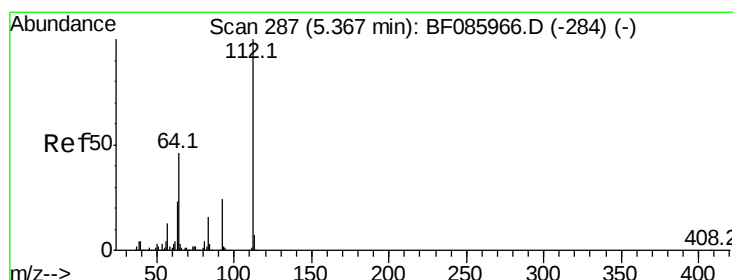
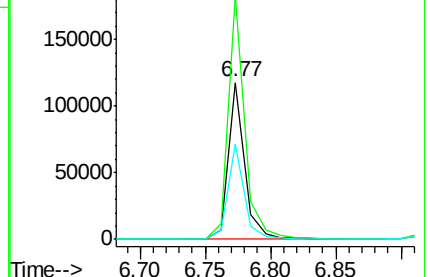
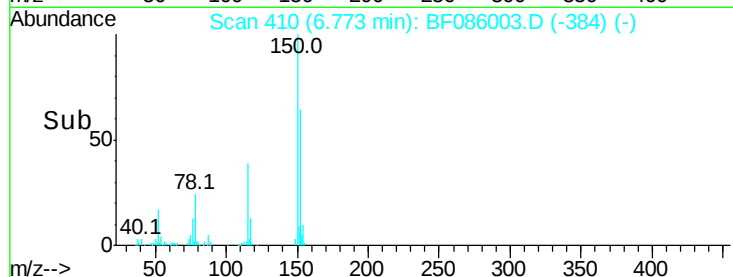
115 60.3 47.0 70.6



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: 120.33 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086003.D

Acq: 2 Apr 2016 11:11

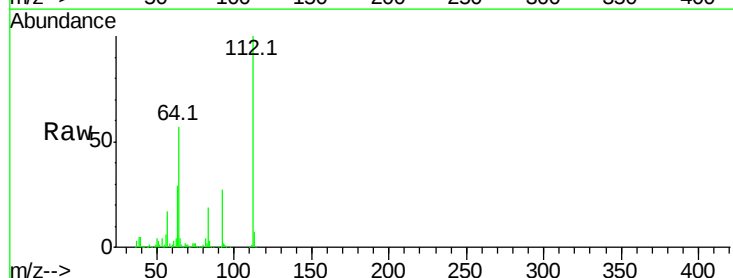
Tgt Ion:112 Resp: 727527

Ion Ratio Lower Upper

112 100

64 56.6 39.9 59.9

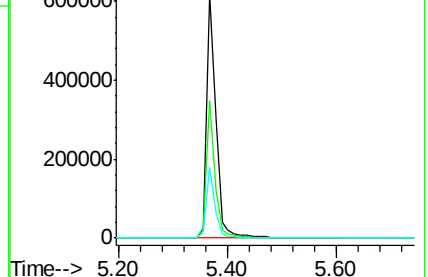
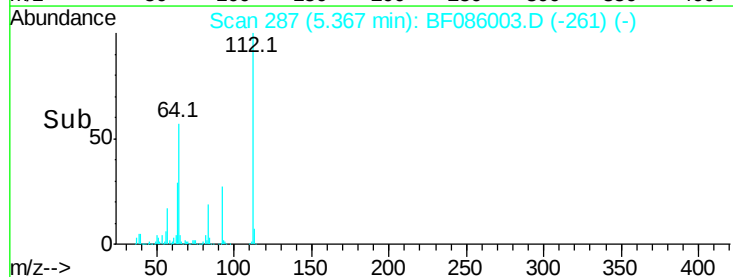
63 28.9 20.2 30.2



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: 138.91 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086003.D

Acq: 2 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

BH-5(5-7)

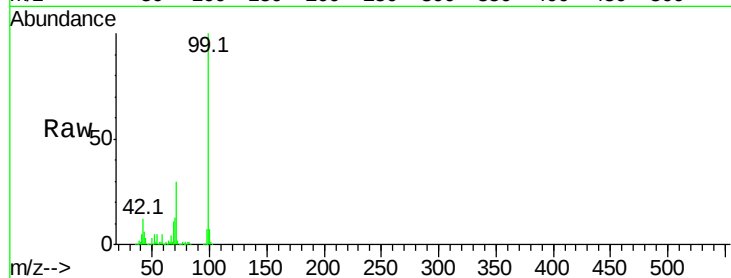
Tot Ion: 99 Resp: 1066828

Ion Ratio Lower Upper

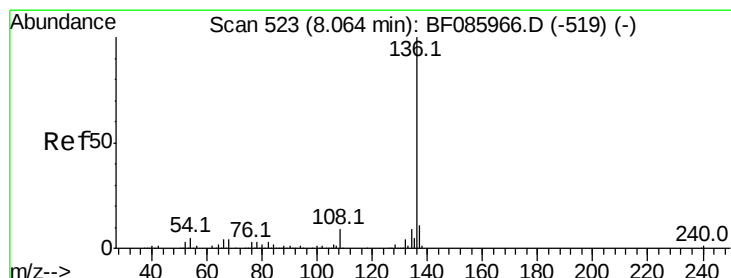
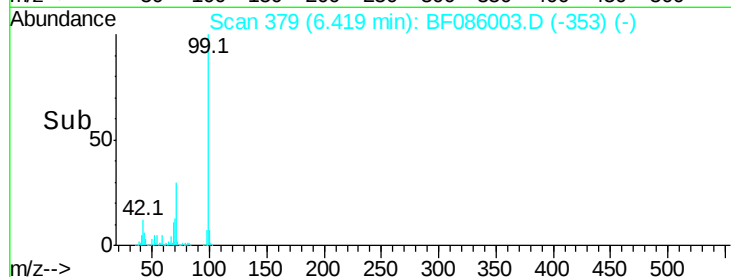
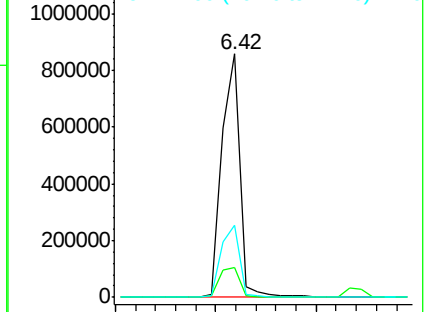
99 100

42 12.1 11.1 16.7

71 29.7 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: BF086003.D

Acq: 2 Apr 2016 11:11

Tgt Ion: 136 Resp: 410967

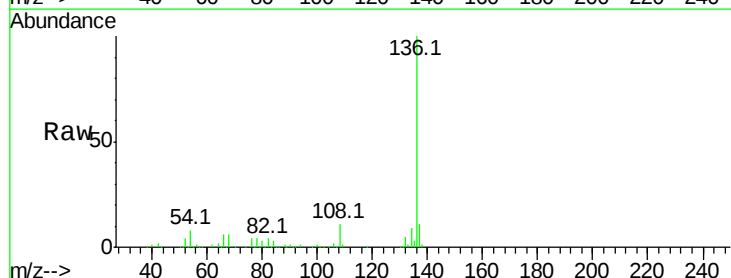
Ion Ratio Lower Upper

136 100

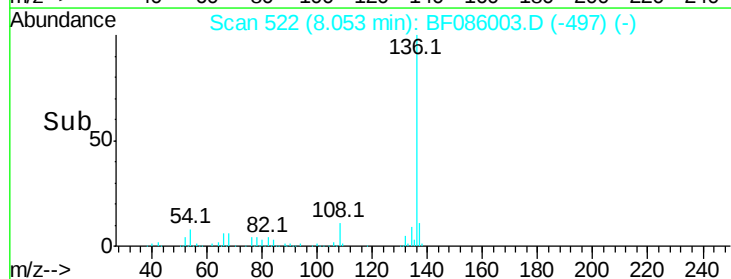
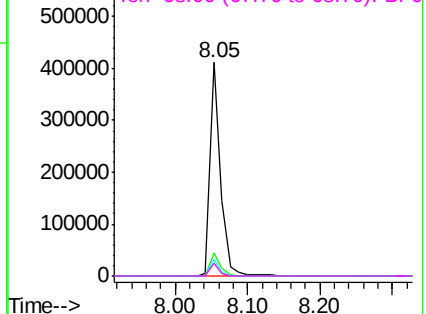
137 10.9 9.1 13.7

54 8.0 7.4 11.0

68 6.3 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

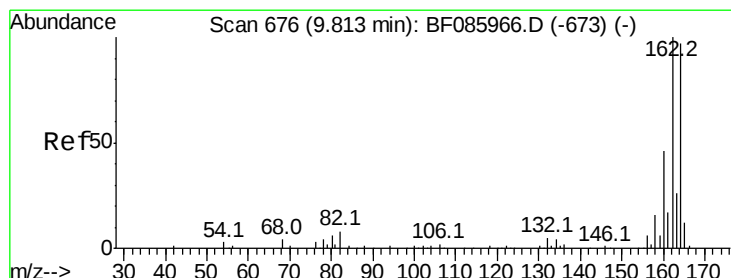
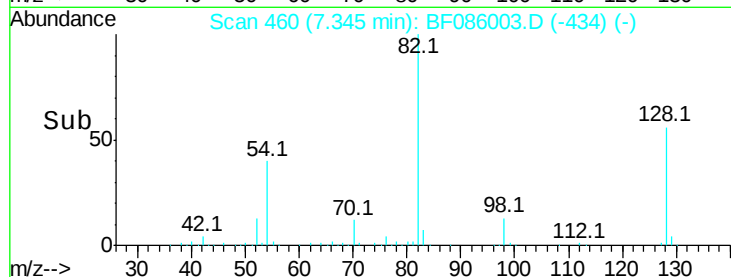
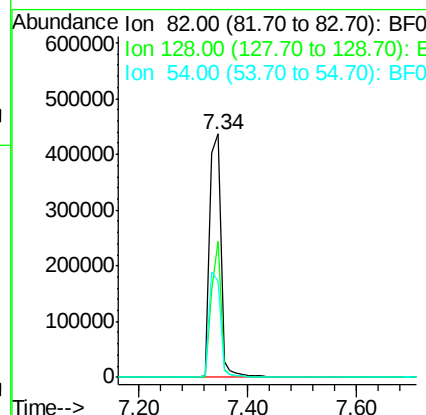
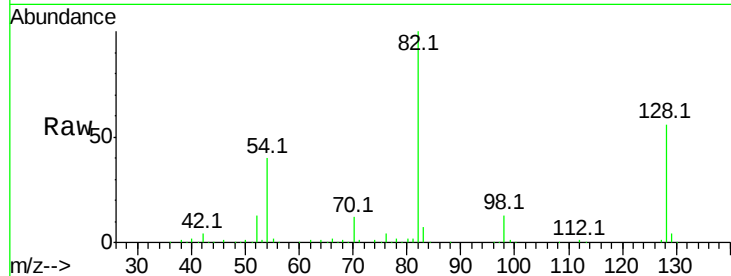




#23
 Nitrobenzene-d5
 Concen: 89.73 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086003.D
 Acq: 2 Apr 2016 11:11

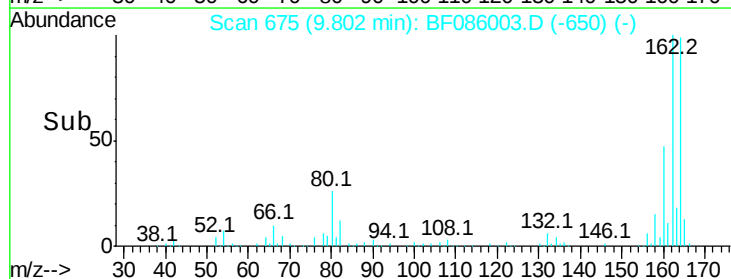
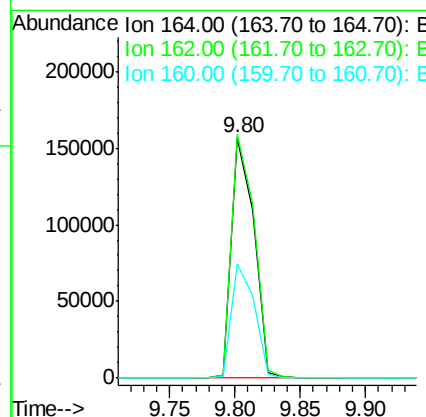
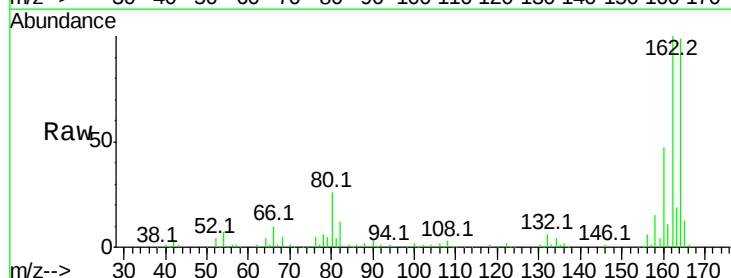
Instrument :
 BNA_F
 ClientSampleID :
 BH-5(5-7)

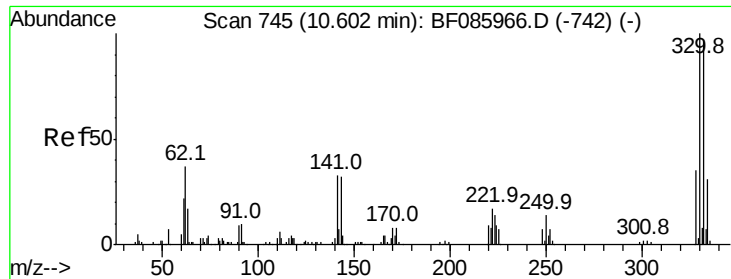
Tot Ion:	82	Resp:	625320
Ion	Ratio	Lower	Upper
82	100		
128	55.9	41.8	62.8
54	39.7	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086003.D
 Acq: 2 Apr 2016 11:11

Tgt Ion:	164	Resp:	187996
Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.1	123.1
160	47.6	37.4	56.2

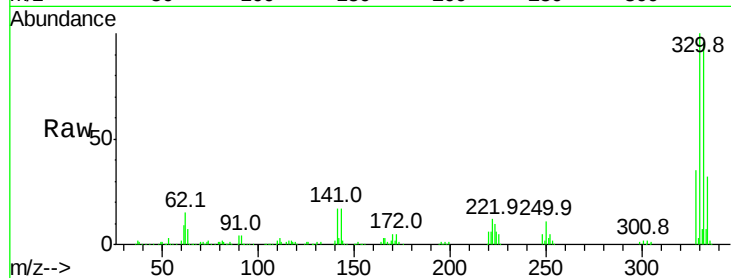




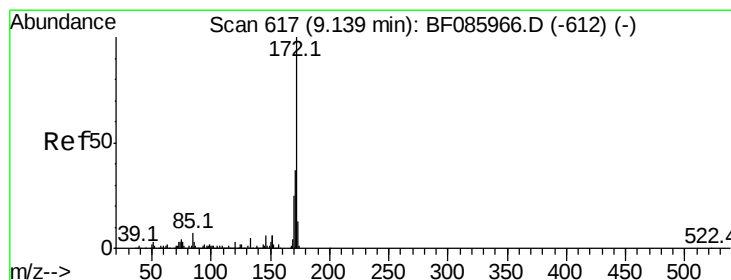
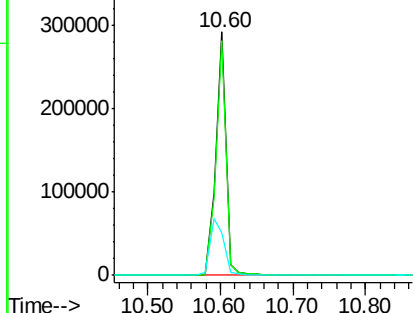
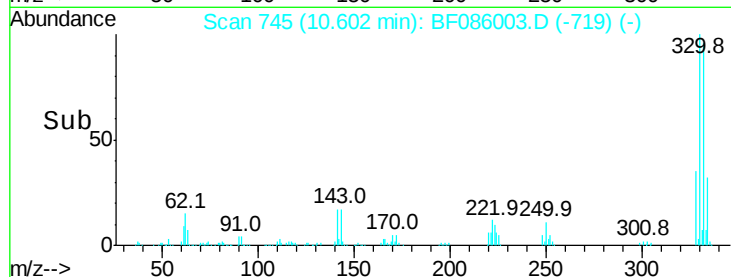
#41
 2,4,6-Tribromophenol
 Concen: 161.53 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086003.D
 Acq: 2 Apr 2016 11:11

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	31.2	31.5	47.3#

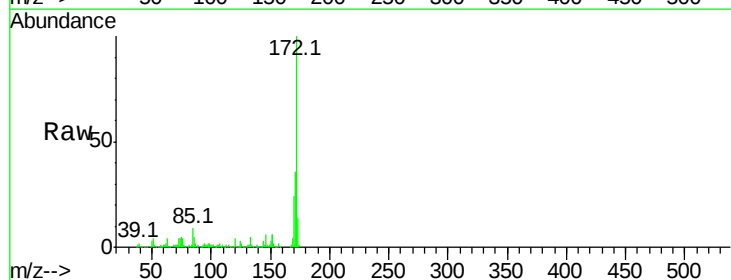


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

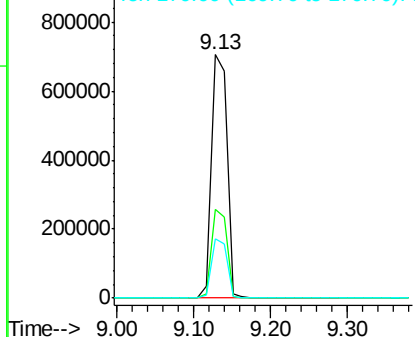
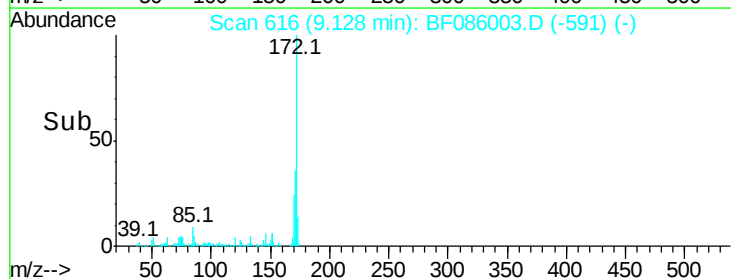


#44
 2-Fluorobiphenyl
 Concen: 86.68 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086003.D
 Acq: 2 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.2	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

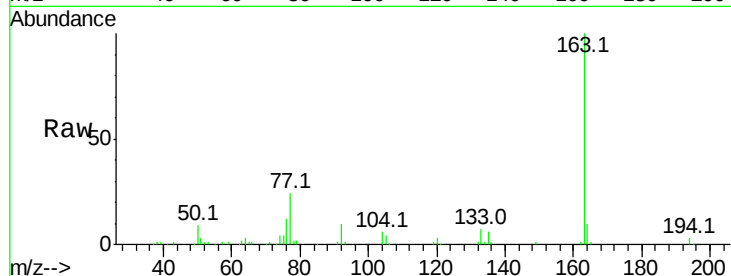




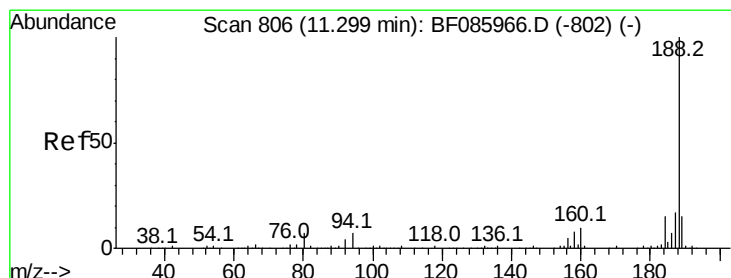
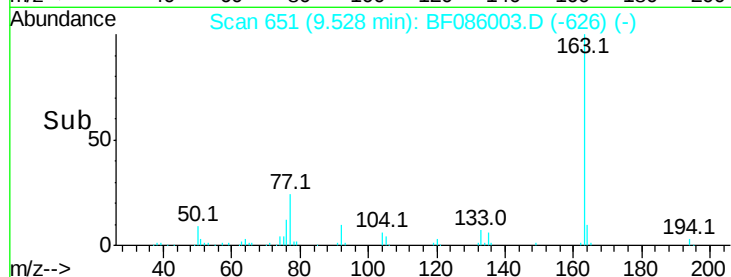
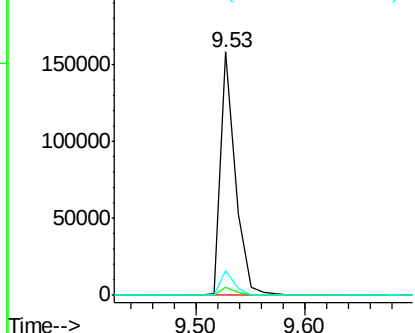
#49
Dimethylphthalate
Concen: 10.94 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086003.D
Acq: 2 Apr 2016 11:11

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

Tot Ion:163 Resp: 152391
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.4 8.3 12.5

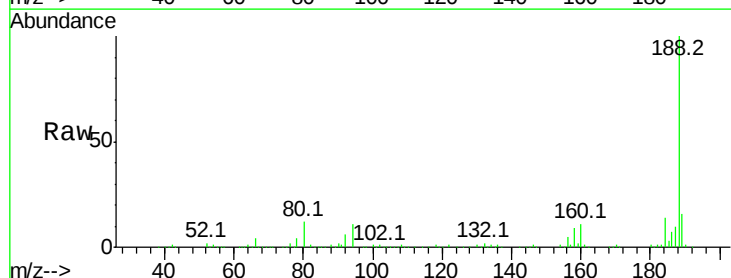


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

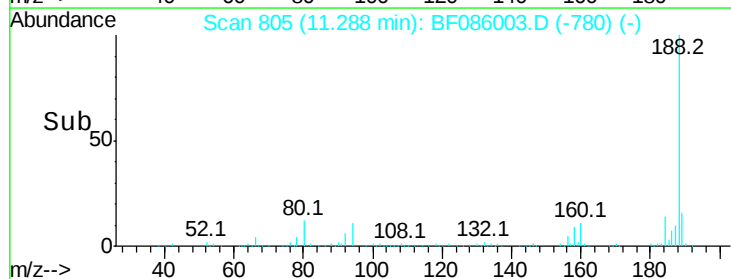
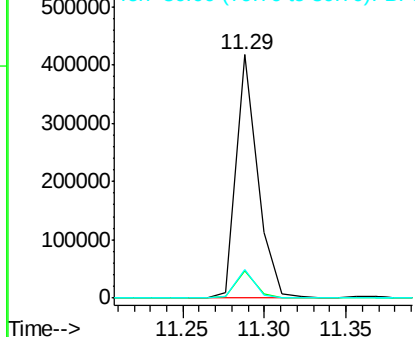


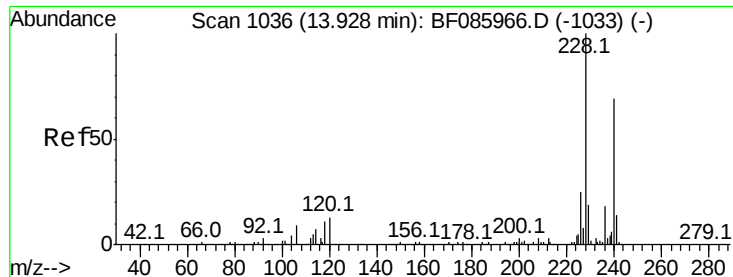
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086003.D
Acq: 2 Apr 2016 11:11

Tgt Ion:188 Resp: 378577
Ion Ratio Lower Upper
188 100
94 11.4 5.4 8.0#
80 11.9 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: BF086003.D

Acq: 2 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

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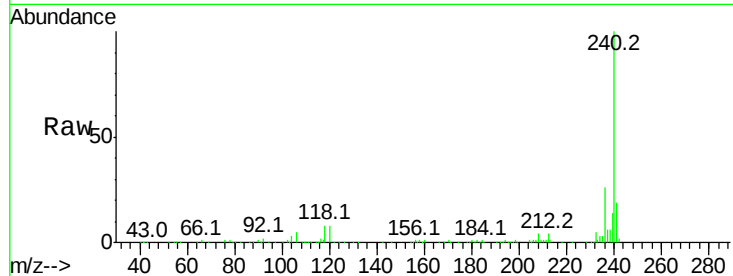
Tot Ion:240 Resp: 340677

Ion Ratio Lower Upper

240 100

120 8.4 13.8 20.8#

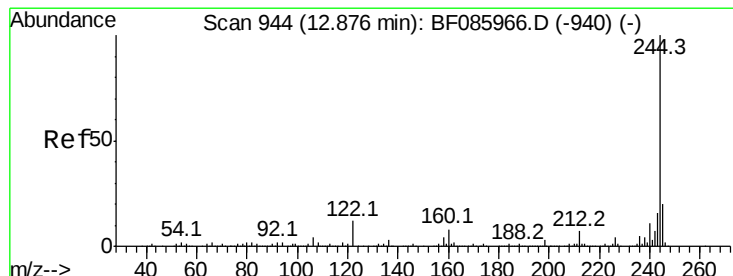
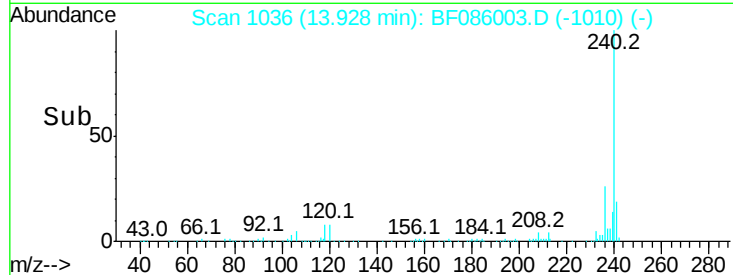
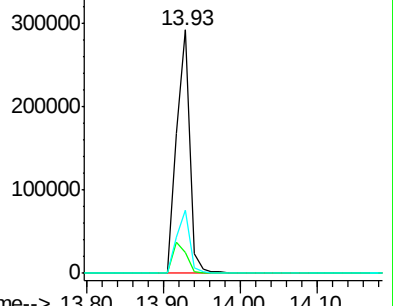
236 26.0 20.6 30.8



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: 74.97 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086003.D

Acq: 2 Apr 2016 11:11

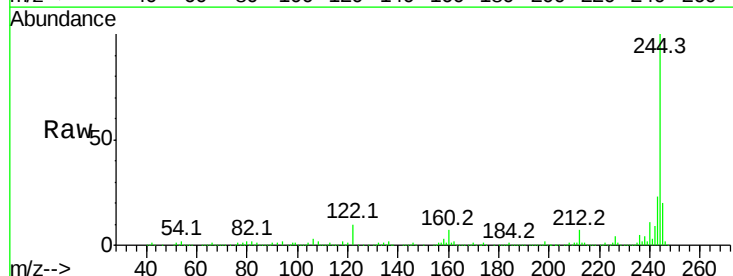
Tgt Ion:244 Resp: 1086458

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

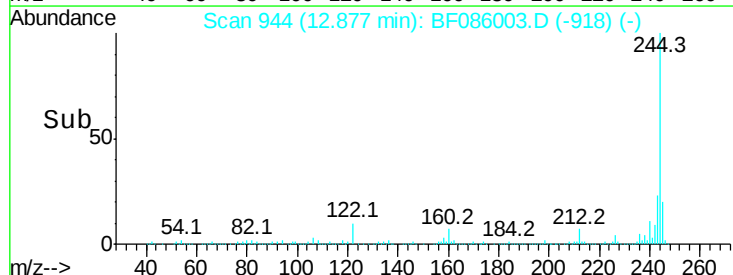
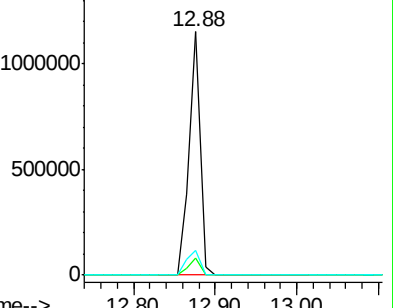
122 10.3 10.2 15.4

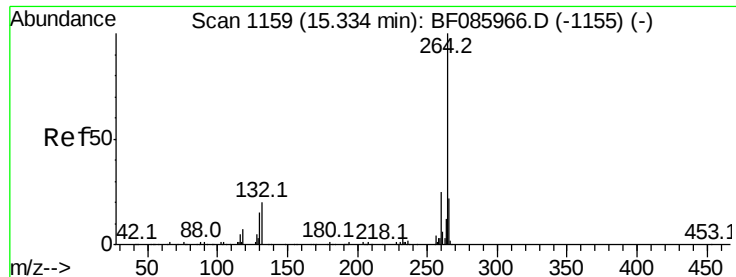


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086003.D
 Acq: 2 Apr 2016 11:11

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	17.2	25.8

