

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086009.D
 Acq On : 2 Apr 2016 14:02
 Operator : UM/SJ
 Sample : H2055-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-11(0-5)

Quant Time: Apr 04 02:11:34 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

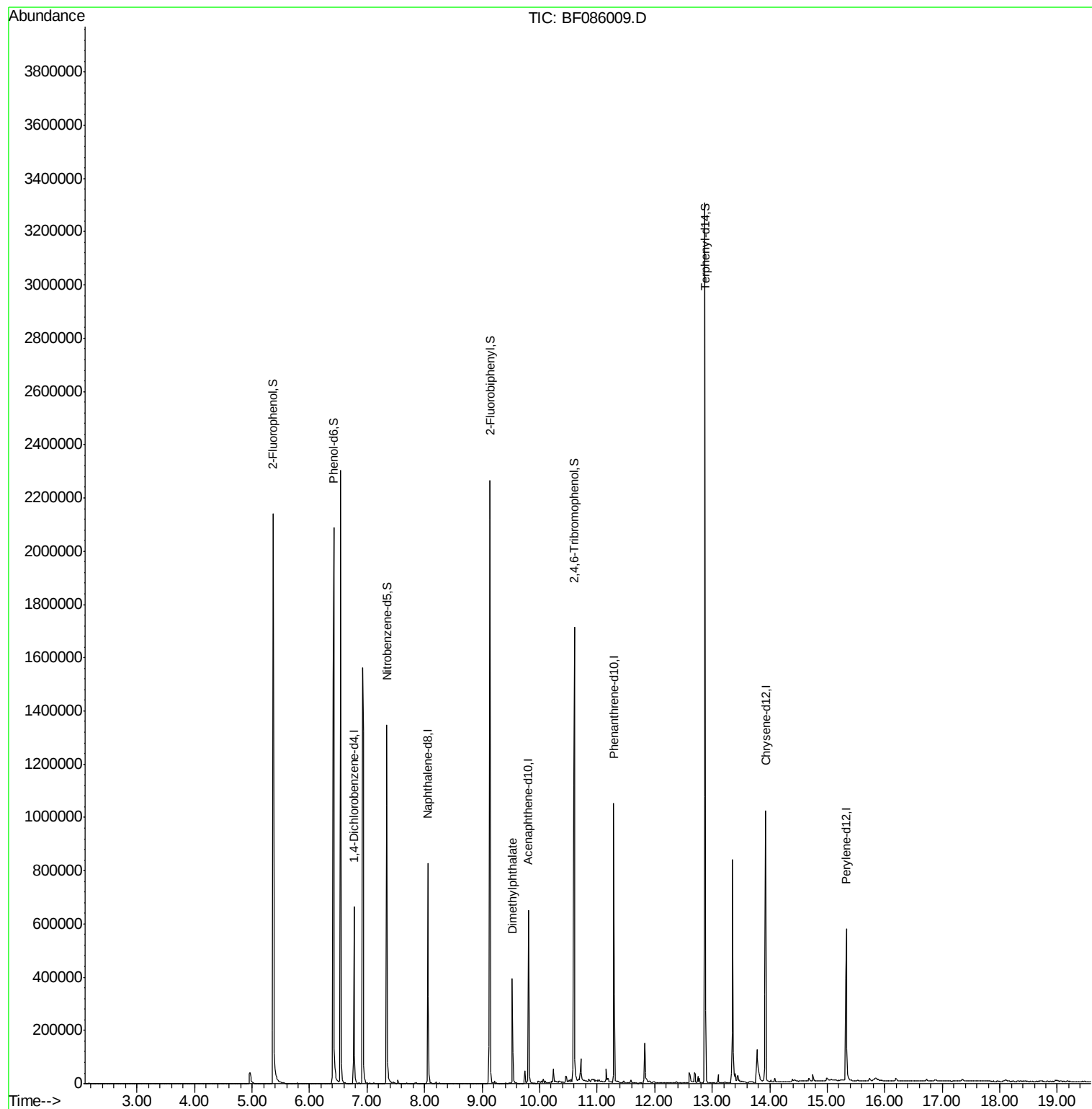
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106170	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	429385	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	193000	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	395776	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	368894	20.00	ng	0.00
86) Perylene-d12	15.33	264	281009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	718457	115.67	ng	0.00
7) Phenol-d6	6.42	99	1078388	136.69	ng	0.00
23) Nitrobenzene-d5	7.34	82	639625	87.85	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	289800	159.98	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1097145	94.52	ng	0.00
78) Terphenyl-d14	12.88	244	1059973	67.54	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	162965	11.39	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: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

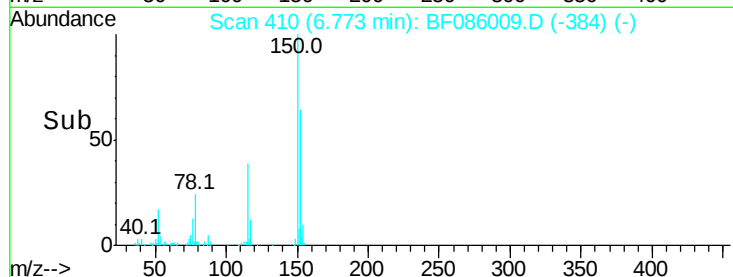
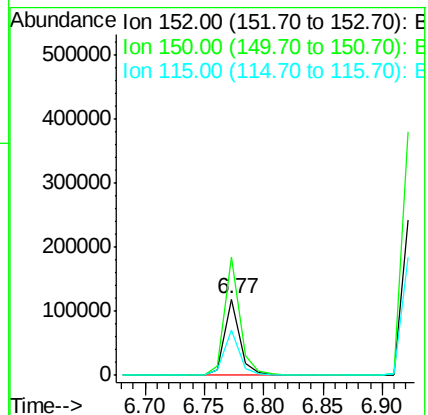
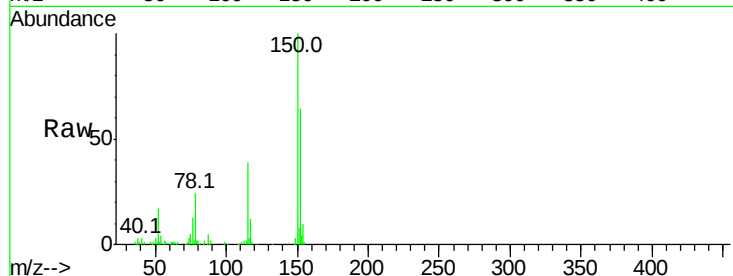
Tot Ion:152 Resp: 106170

Ion Ratio Lower Upper

152 100

150 155.2 124.2 186.2

115 59.8 47.0 70.6



#5

2-Fluorophenol

Concen: 115.67 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

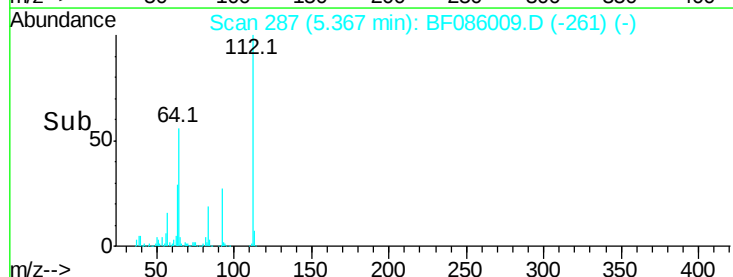
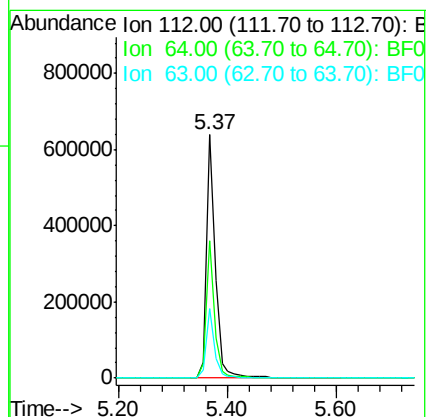
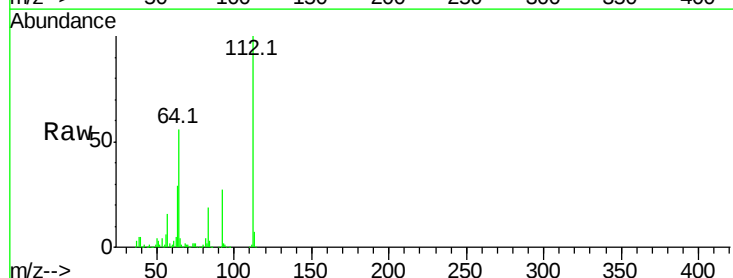
Tgt Ion:112 Resp: 718457

Ion Ratio Lower Upper

112 100

64 56.2 39.9 59.9

63 28.7 20.2 30.2





#7

Phenol-d6

Concen: 136.69 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

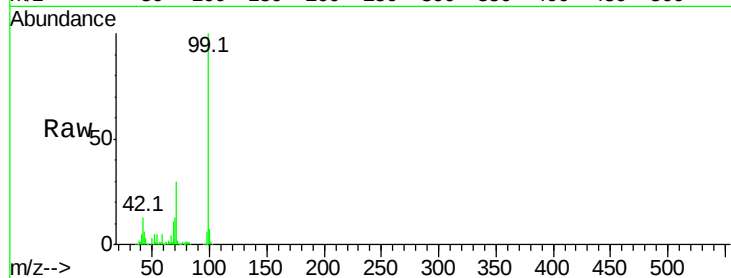
Tot Ion: 99 Resp: 1078388

Ion Ratio Lower Upper

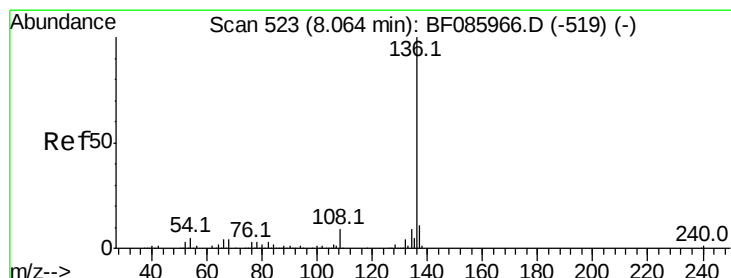
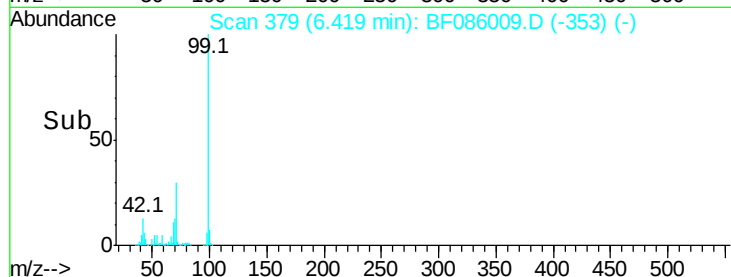
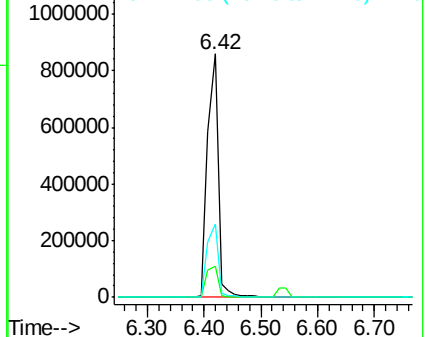
99 100

42 12.6 11.1 16.7

71 30.0 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: BF086009.D

Acq: 2 Apr 2016 14:02

Tgt Ion: 136 Resp: 429385

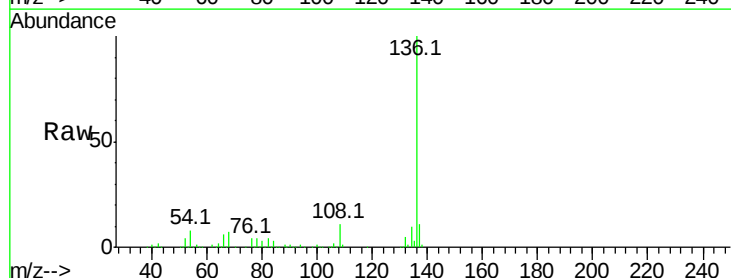
Ion Ratio Lower Upper

136 100

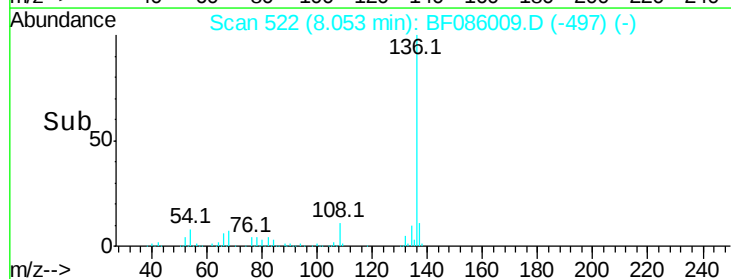
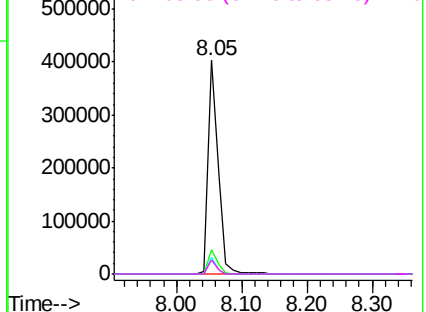
137 11.3 9.1 13.7

54 8.1 7.4 11.0

68 6.6 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

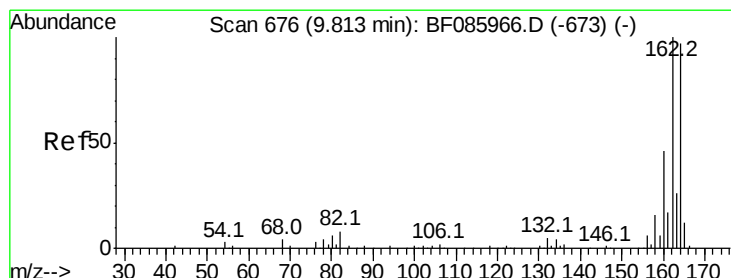
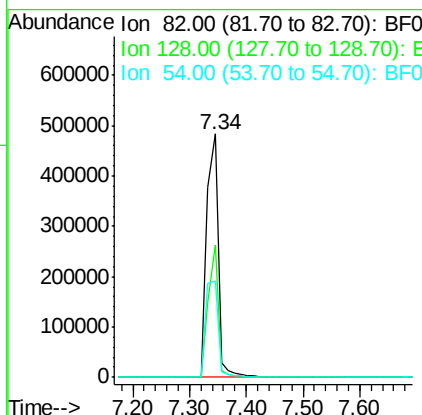
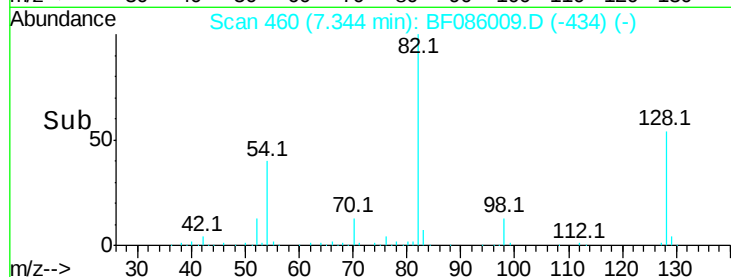
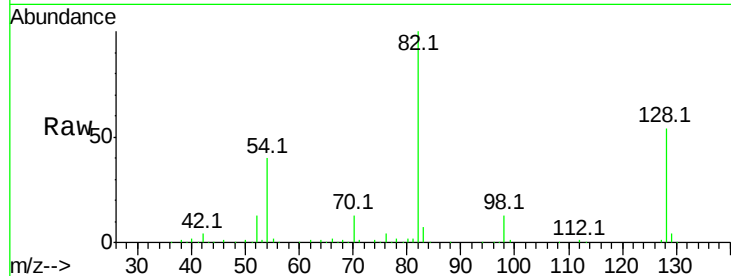




#23
 Nitrobenzene-d5
 Concen: 87.85 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

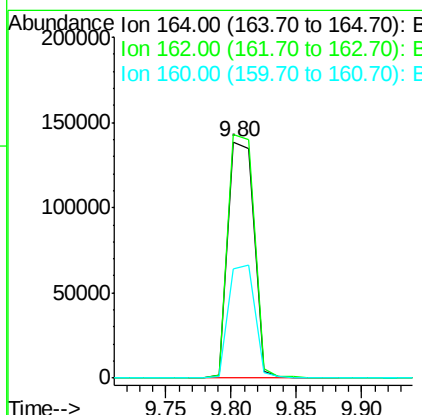
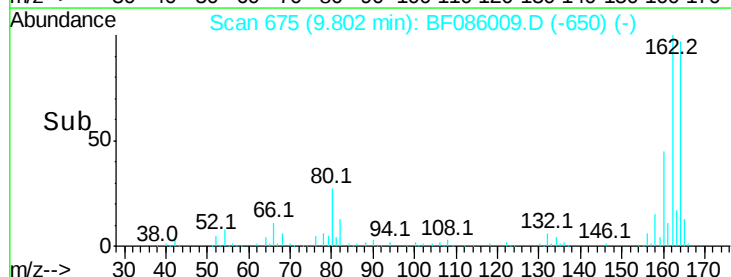
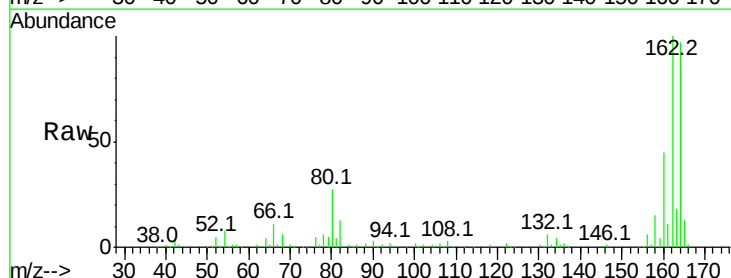
Instrument :
 BNA_F
 ClientSampleId :
 BH-11(0-5)

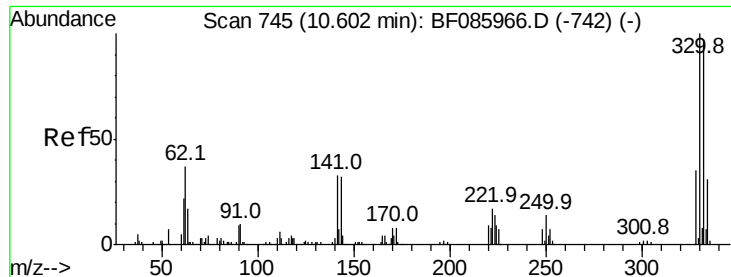
Tot Ion	82	Resp	639625
Ion Ratio	100		
Lower	41.8		
Upper	62.8		
54	39.8		50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

Tgt Ion	164	Resp	193000
Ion Ratio	100		
Lower	82.1		
Upper	123.1		
162	103.1		56.2
160	46.2		

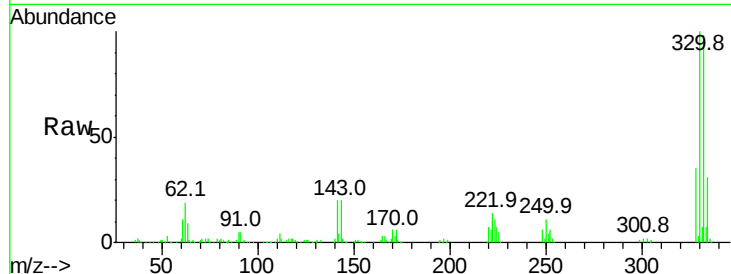




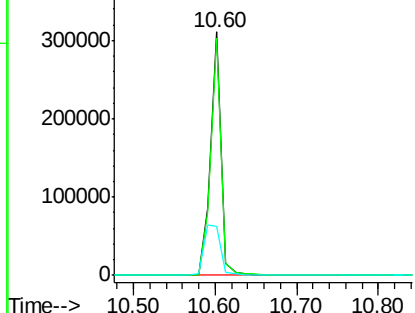
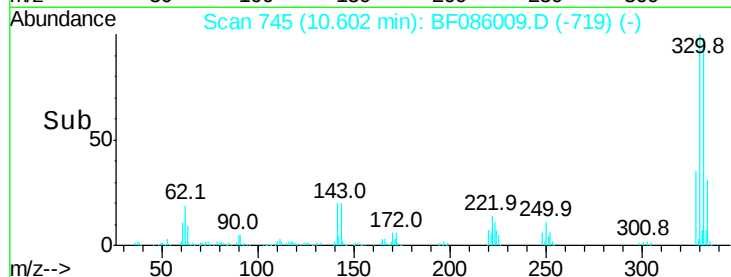
#41
 2,4,6-Tribromophenol
 Concen: 159.98 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 BH-11(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	32.3	31.5	47.3

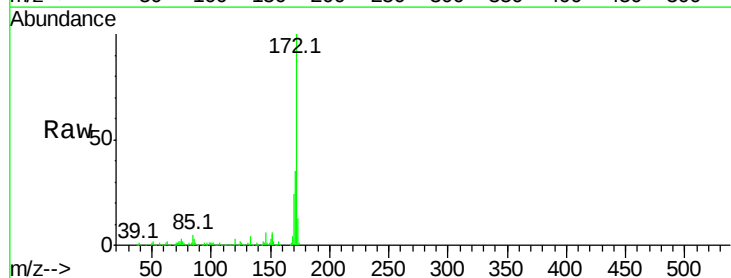


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

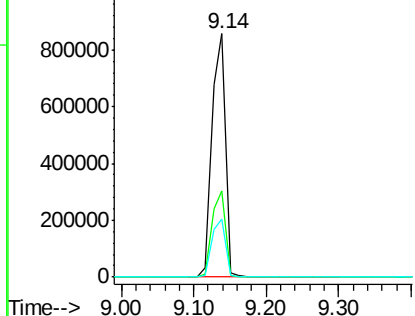
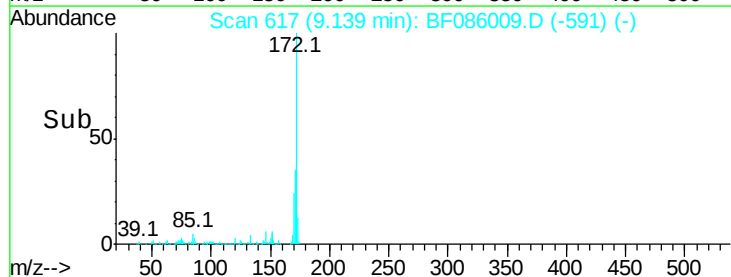


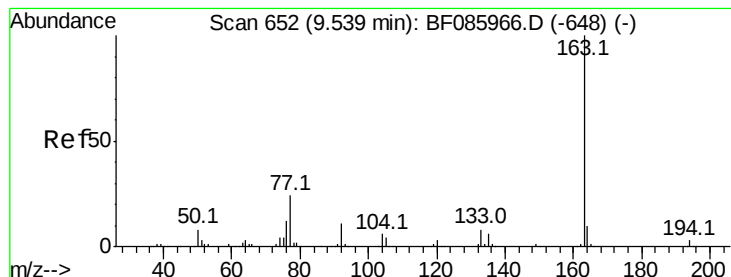
#44
 2-Fluorobiphenyl
 Concen: 94.52 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.2
170	23.9	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: 11.39 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

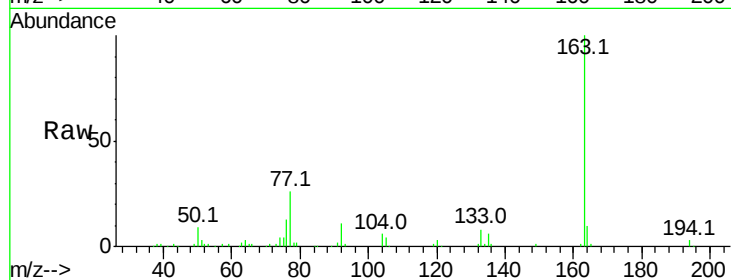
Tot Ion:163 Resp: 162965

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

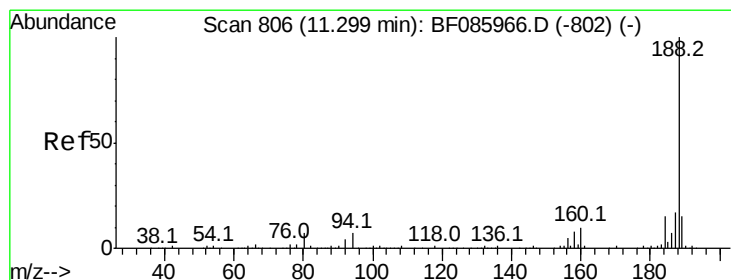
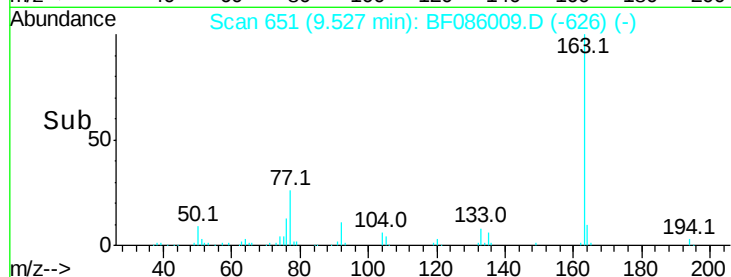
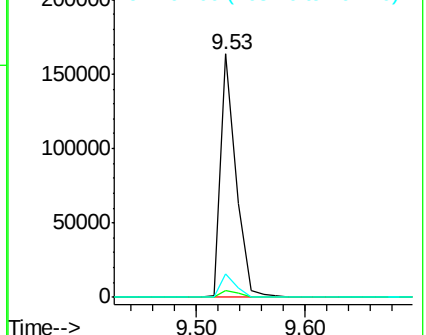
164 9.9 8.3 12.5



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: BF086009.D

Acq: 2 Apr 2016 14:02

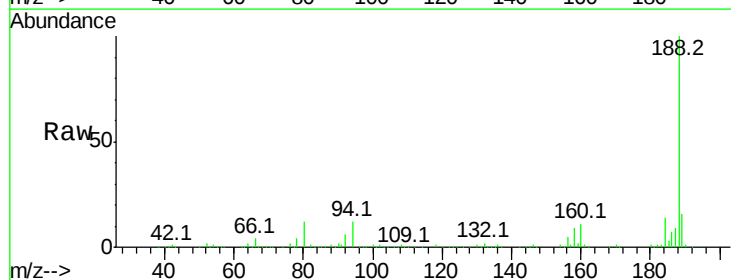
Tgt Ion:188 Resp: 395776

Ion Ratio Lower Upper

188 100

94 11.6 5.4 8.0#

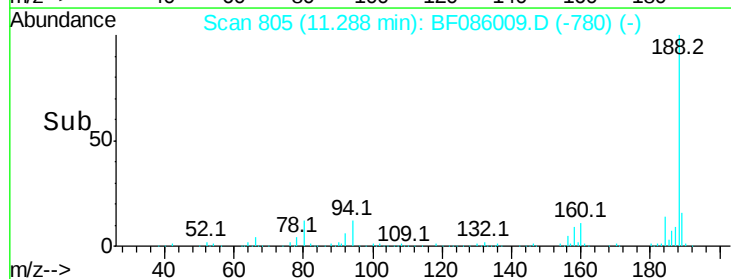
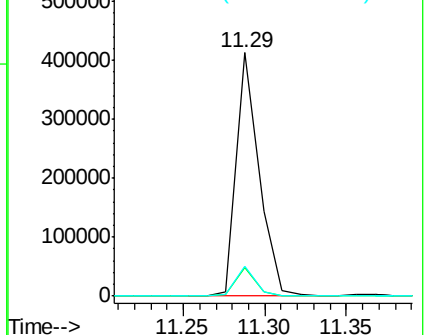
80 12.4 5.5 8.3#

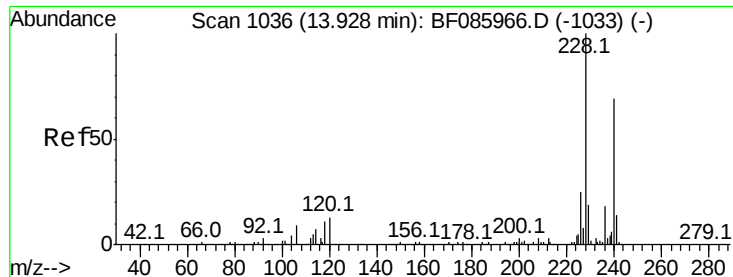


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

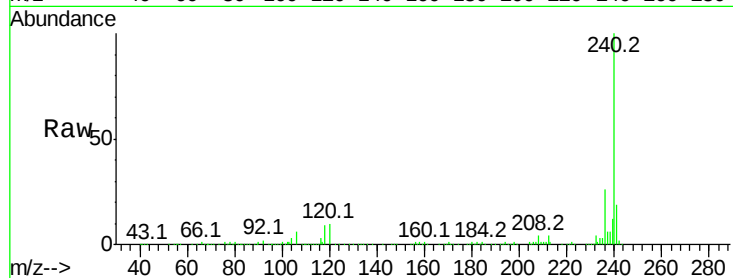
Tot Ion:240 Resp: 368894

Ion Ratio Lower Upper

240 100

120 10.1 13.8 20.8#

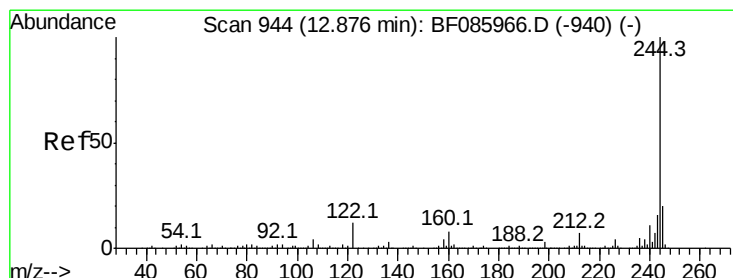
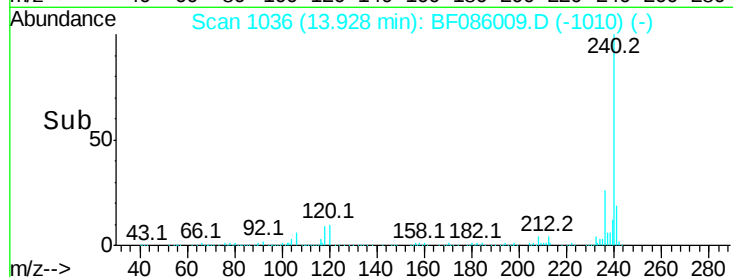
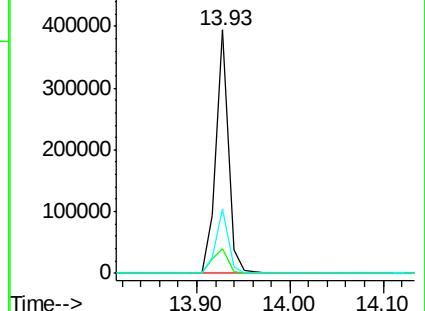
236 26.2 20.6 30.8



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: 67.54 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

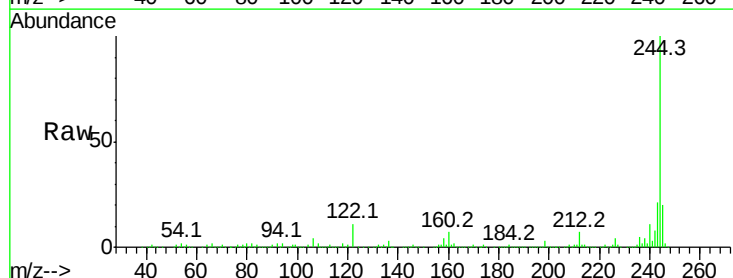
Tgt Ion:244 Resp: 1059973

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

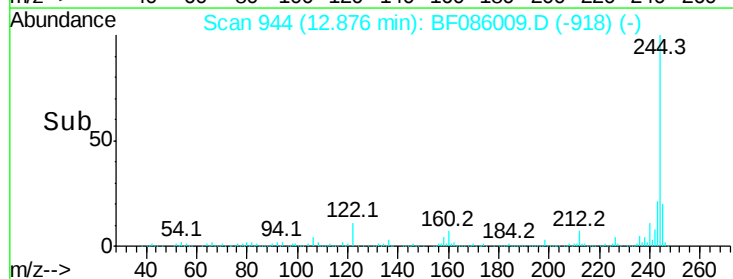
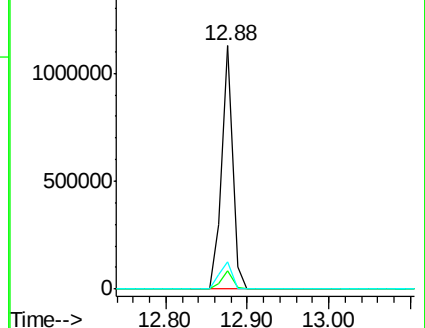
122 11.5 10.2 15.4

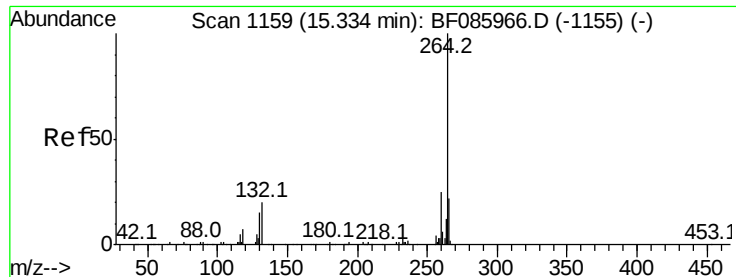


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

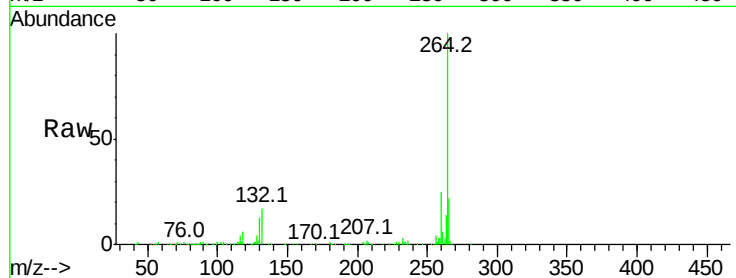




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086009.D
Acq: 2 Apr 2016 14:02

Instrument :
BNA_F
ClientSampleId :
BH-11(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	21.5	17.2	25.8



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

