

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090221.D
 Acq On : 26 Sep 2016 15:13
 Operator : UM/SJ
 Sample : PB93609TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93609TB

Quant Time: Sep 26 16:29:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	137191	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	517957	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	314946	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	476736	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	437822	20.00	ng	-0.01
86) Perylene-d12	14.90	264	313606	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	892448	106.03	ng	0.02
7) Phenol-d6	6.14	99	1090069	104.87	ng	0.00
23) Nitrobenzene-d5	7.05	82	702369	78.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	301968	111.76	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1126798	70.24	ng	-0.01
78) Terphenyl-d14	12.56	244	1069422	62.01	ng	0.00

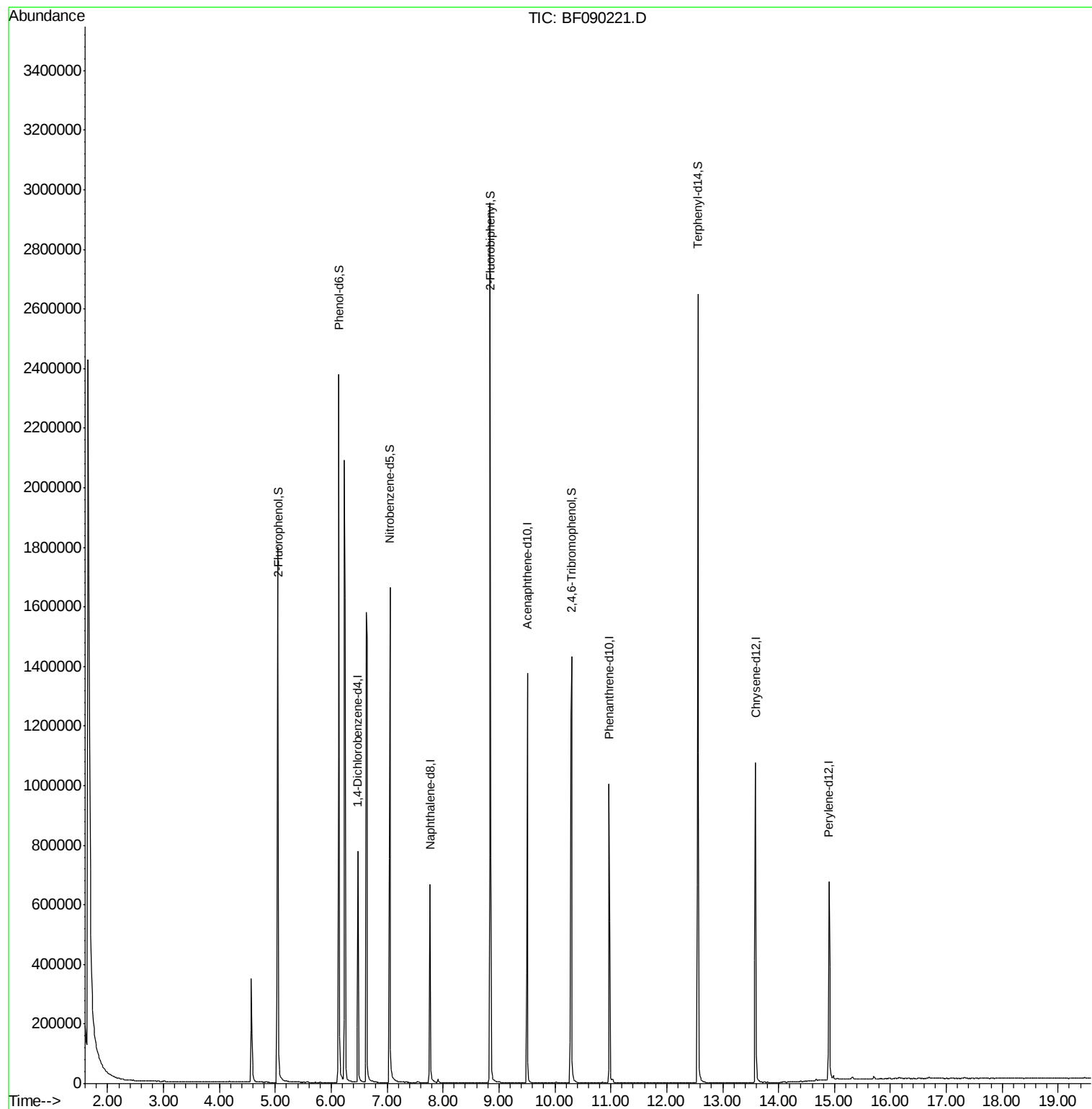
Target Compounds Qvalue

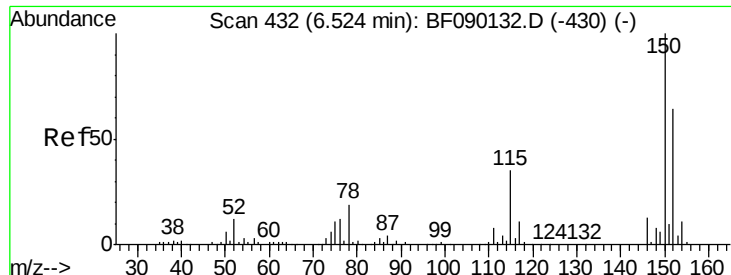
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

Instrument :

BNA_F

ClientSampleId :

PB93609TB

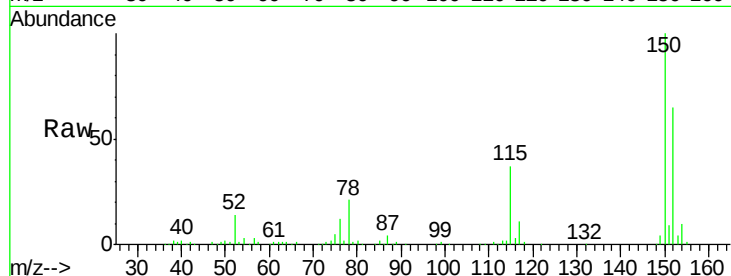
Tot Ion:152 Resp: 137191

Ion Ratio Lower Upper

152 100

150 154.4 128.9 193.3

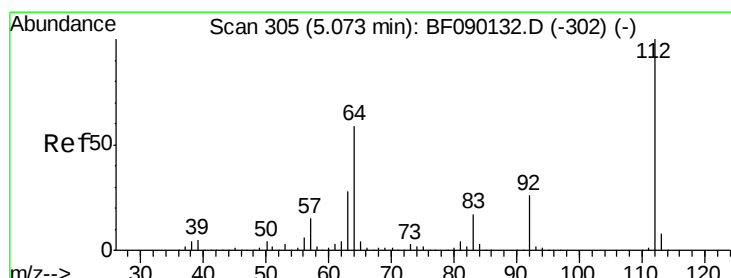
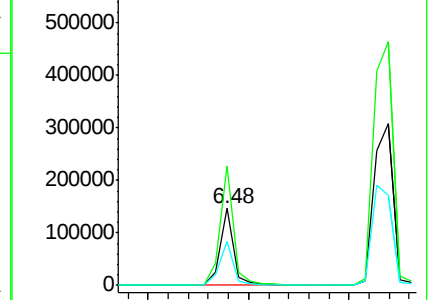
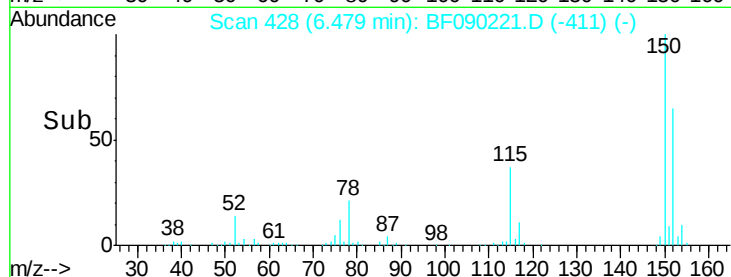
115 56.6 55.5 83.3



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: 106.03 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

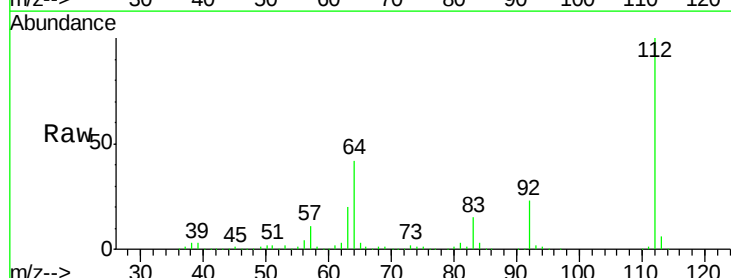
Tgt Ion:112 Resp: 892448

Ion Ratio Lower Upper

112 100

64 41.8 39.8 59.6

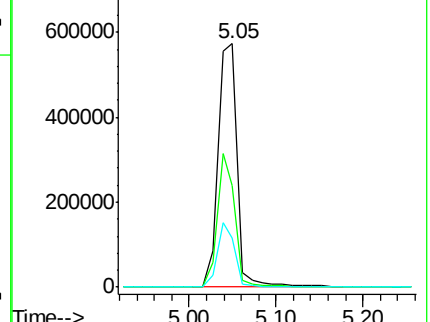
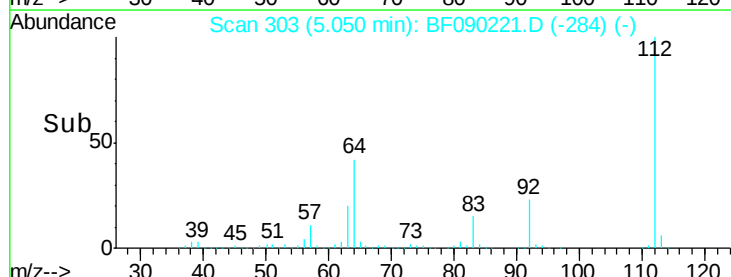
63 20.2 18.9 28.3

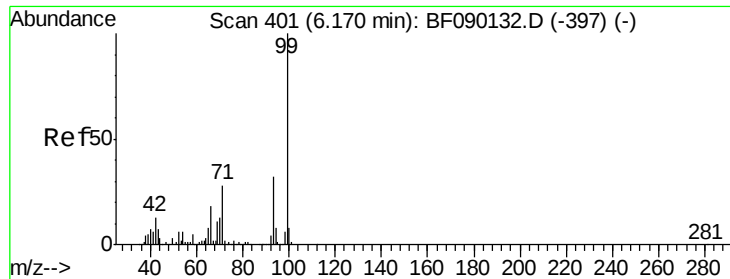


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.87 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

Instrument :

BNA_F

ClientSampled :

PB93609TB

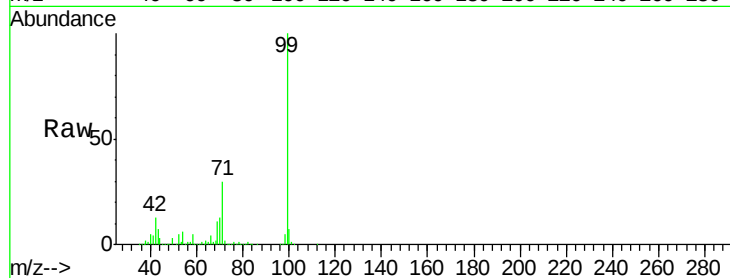
Tot Ion: 99 Resp: 1090069

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

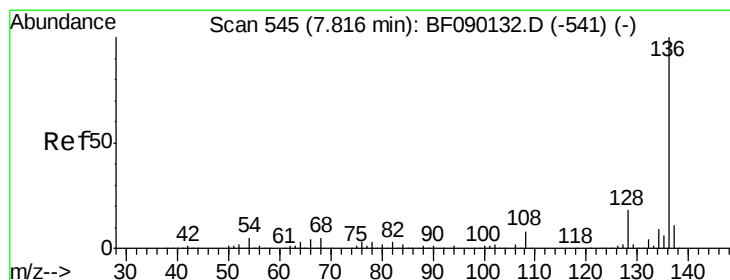
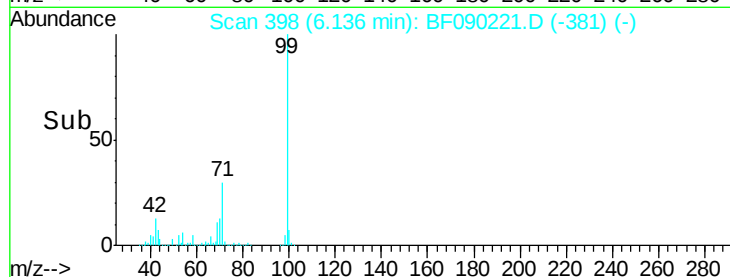
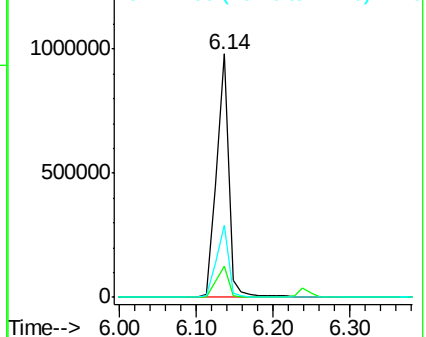
71 29.8 23.0 34.6



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: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

Tgt Ion: 136 Resp: 517957

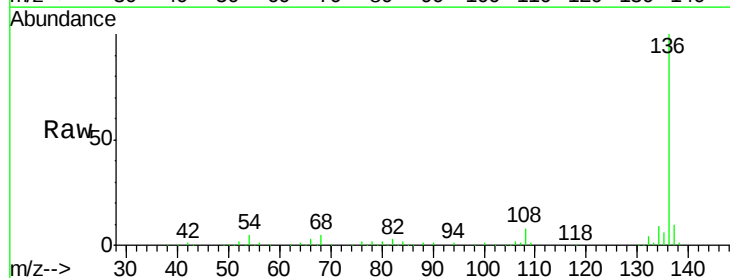
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 4.7 6.4 9.6#

68 4.8 6.3 9.5#

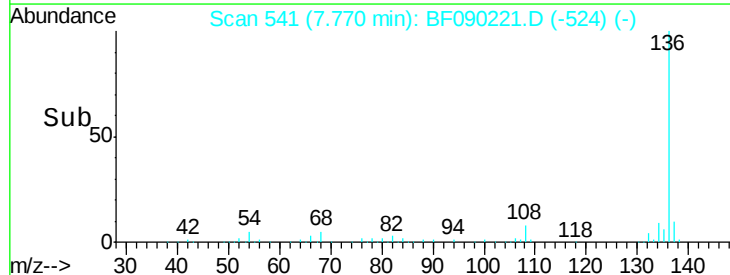
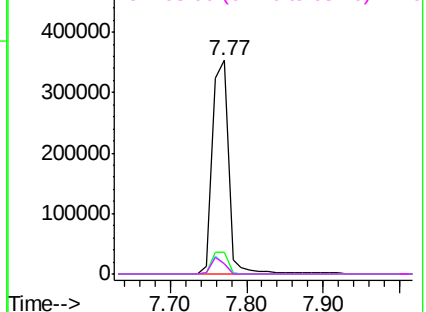


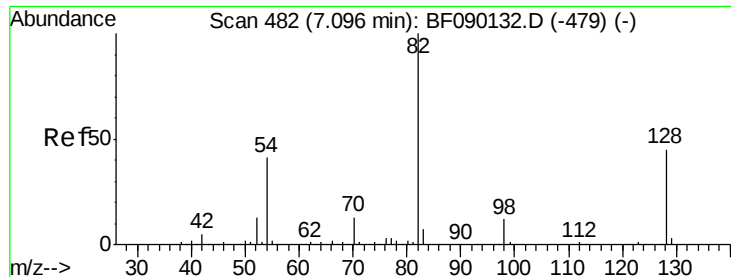
Abundance Ion 136.00 (135.70 to 136.70): E

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

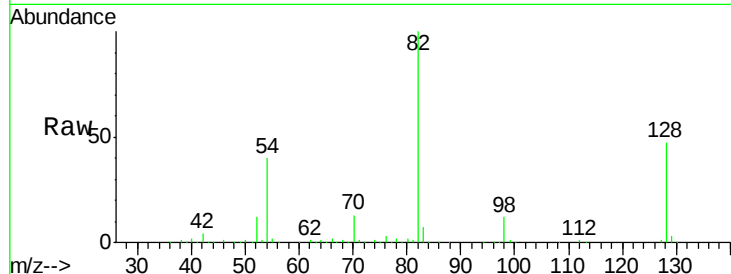




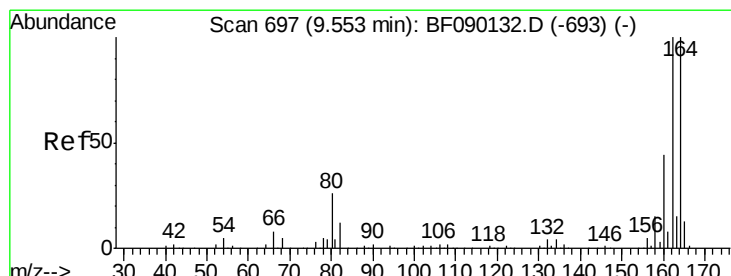
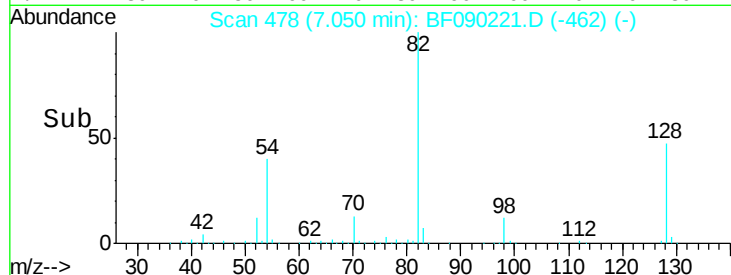
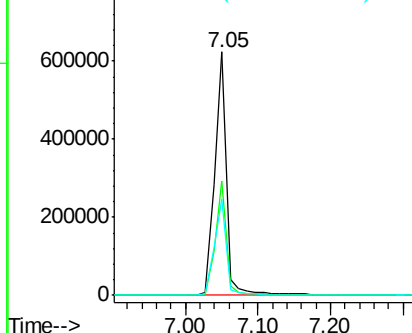
#23
 Nitrobenzene-d5
 Concen: 78.61 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090221.D
 Acq: 26 Sep 2016 15:13

Instrument :
 BNA_F
 ClientSampleID :
 PB93609TB

Tot Ion	82	Resp	702369
Ion Ratio	100		
Lower	37.5		
Upper	56.3		
54	39.8		47.9

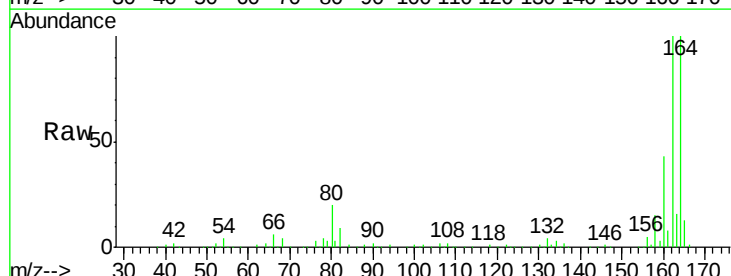


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

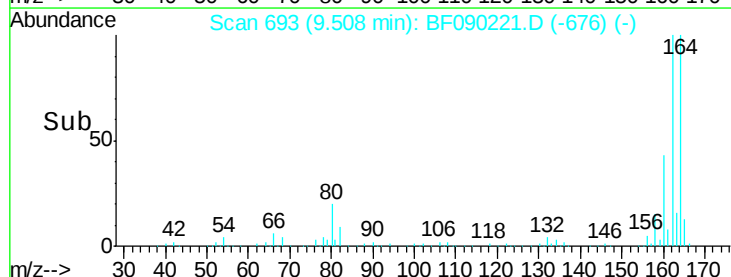
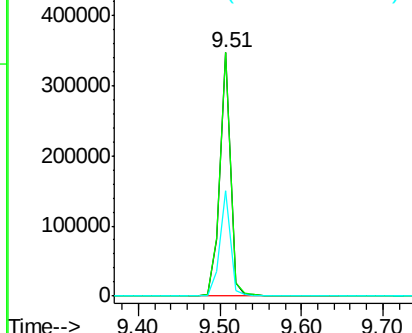


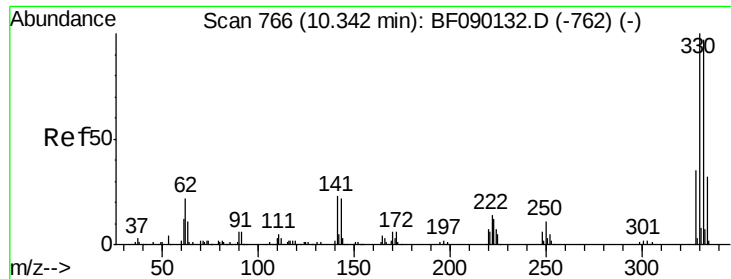
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090221.D
 Acq: 26 Sep 2016 15:13

Tgt Ion	164	Resp	314946
Ion Ratio	100		
Lower	81.4		
Upper	122.2		
162	100.1		54.8
160	43.2		



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

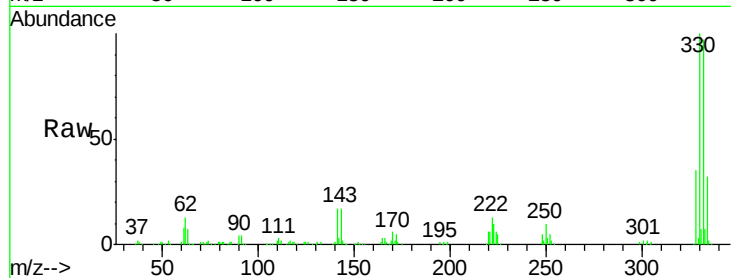




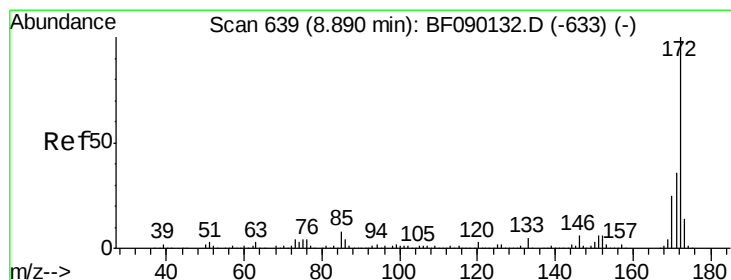
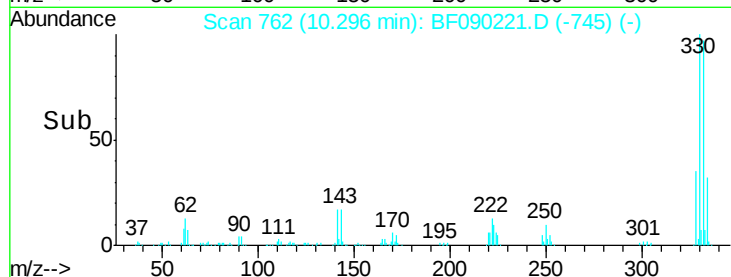
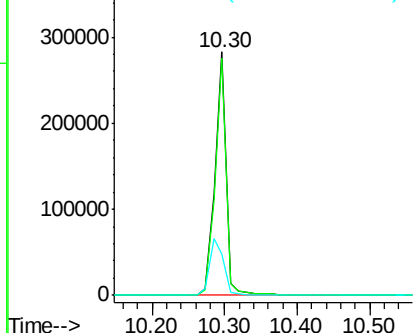
#41
 2,4,6-Tribromophenol
 Concen: 111.76 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090221.D
 Acq: 26 Sep 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB93609TB

Tot Ion:330 Resp: 301968
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.1 117.1
 141 29.5 23.9 35.9

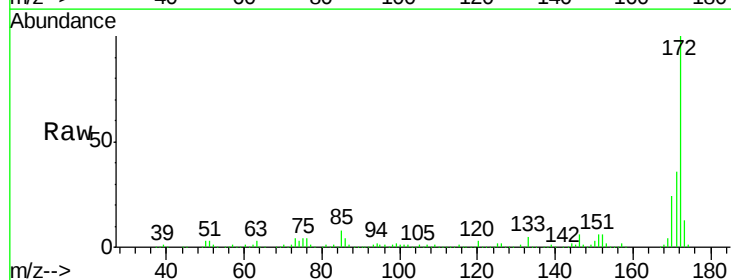


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

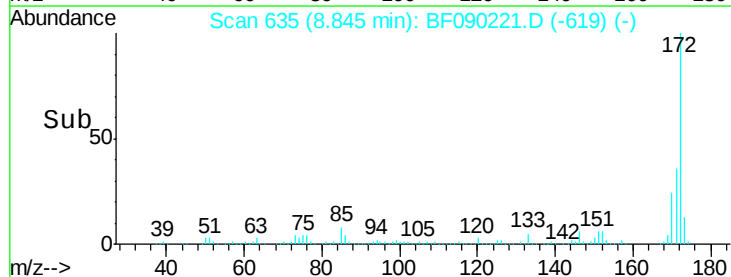
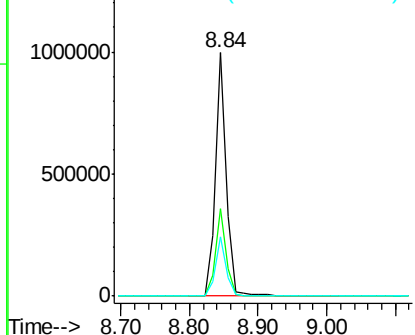


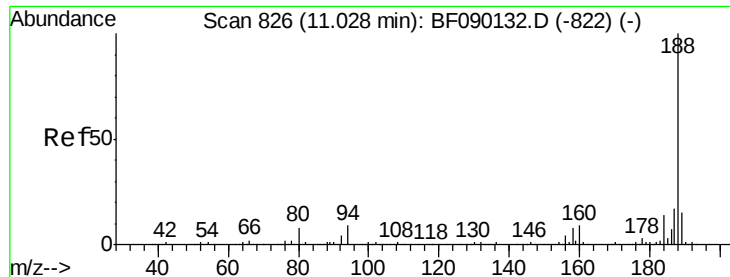
#44
 2-Fluorobiphenyl
 Concen: 70.24 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090221.D
 Acq: 26 Sep 2016 15:13

Tgt Ion:172 Resp: 1126798
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 24.3 19.8 29.8



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

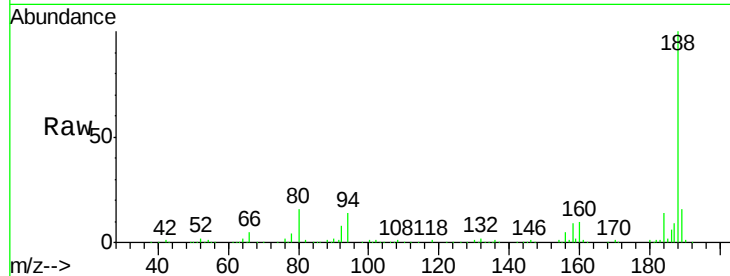




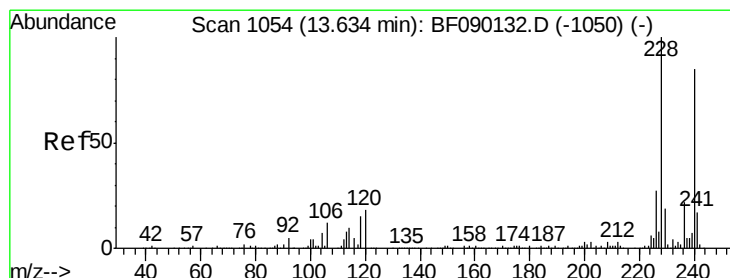
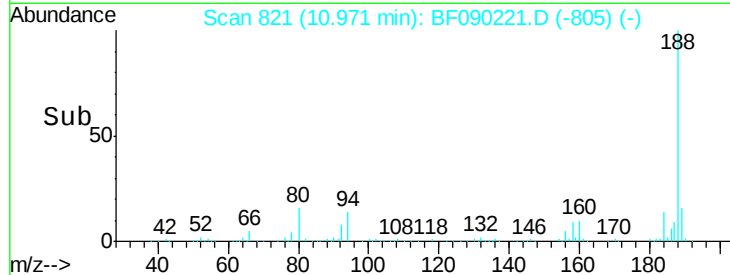
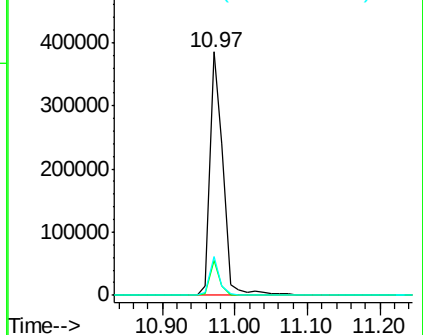
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090221.D
Acq: 26 Sep 2016 15:13

Instrument :
BNA_F
ClientSampleId :
PB93609TB

Tot Ion:188 Resp: 476736
Ion Ratio Lower Upper
188 100
94 14.5 10.5 15.7
80 16.1 11.2 16.8

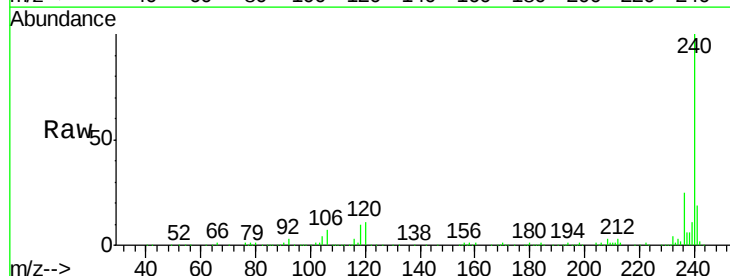


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

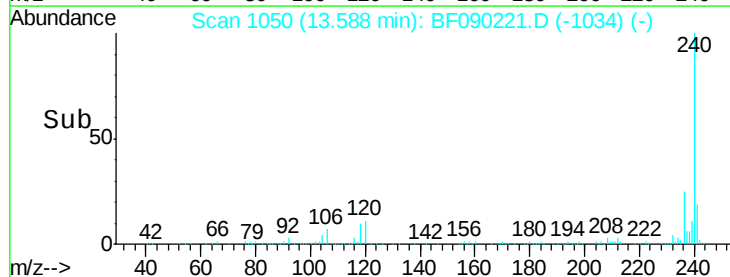
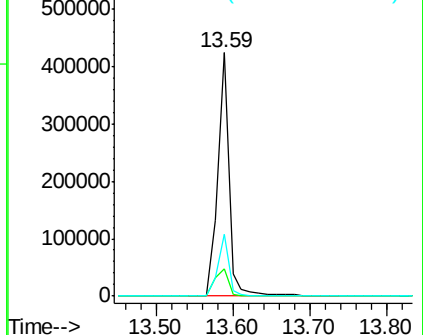


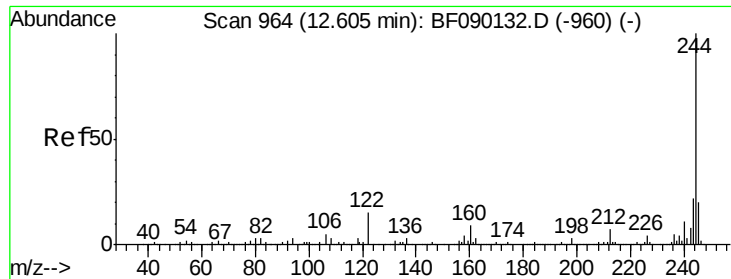
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090221.D
Acq: 26 Sep 2016 15:13

Tgt Ion:240 Resp: 437822
Ion Ratio Lower Upper
240 100
120 11.1 10.6 16.0
236 25.4 21.6 32.4



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

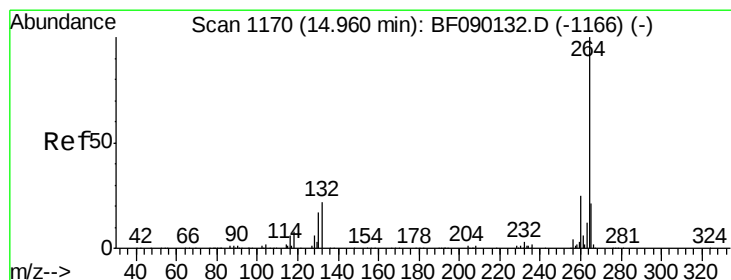
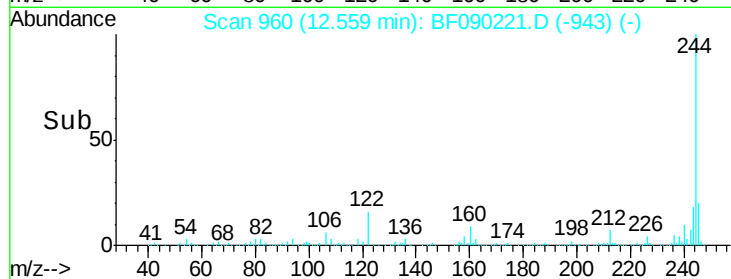
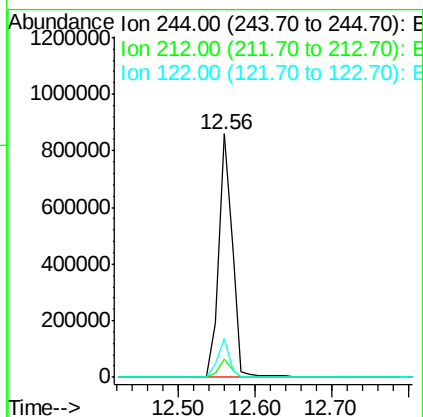
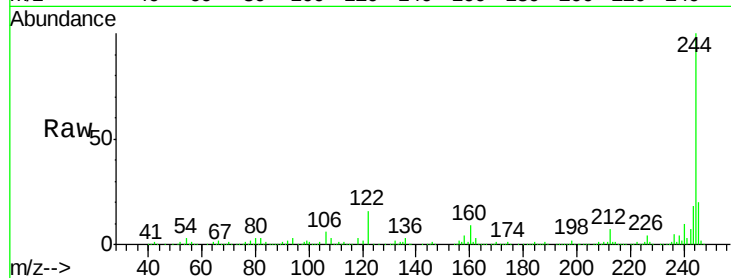




#78
 Terphenyl-d14
 Concen: 62.01 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF090221.D
 Acq: 26 Sep 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB93609TB

Tot Ion:244 Resp: 1069422
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 16.2 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090221.D
 Acq: 26 Sep 2016 15:13

Tgt Ion:264 Resp: 313606
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.0 17.0 25.4

