

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081056.D
 Acq On : 18 Aug 2015 22:29
 Operator : UM/IZ
 Sample : PB84967TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84967TB

Quant Time: Aug 19 01:34:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	75408	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	286697	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	145266	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	321437	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	291675	20.00	ng	-0.02
86) Perylene-d12	15.07	264	230269	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	467931	93.33	ng	0.00
7) Phenol-d6	6.25	99	541596	82.80	ng	-0.01
23) Nitrobenzene-d5	7.18	82	420190	66.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	124318	98.73	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	636281	57.39	ng	-0.02
78) Terphenyl-d14	12.70	244	710302	52.21	ng	-0.01

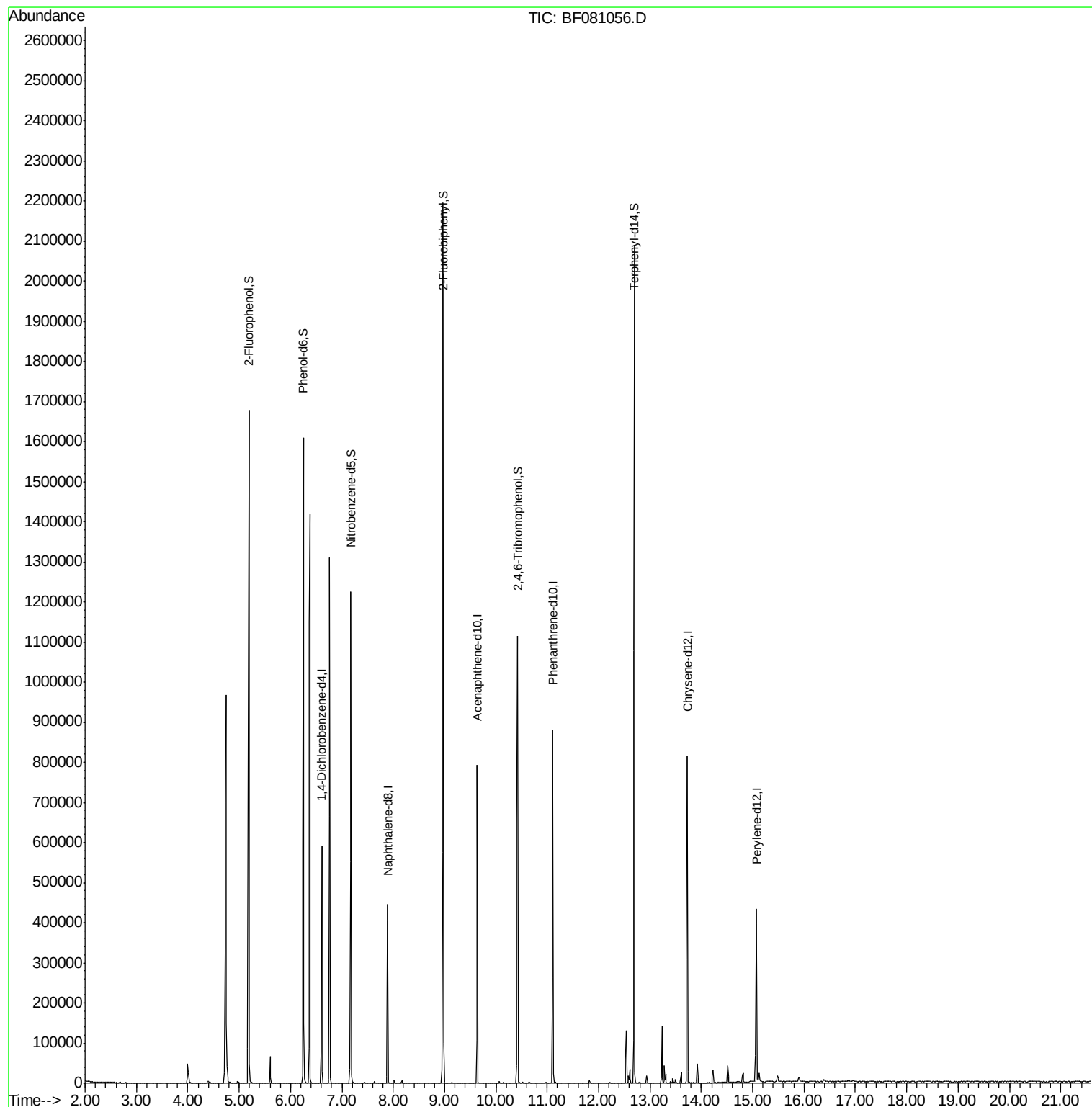
Target Compounds Qvalue

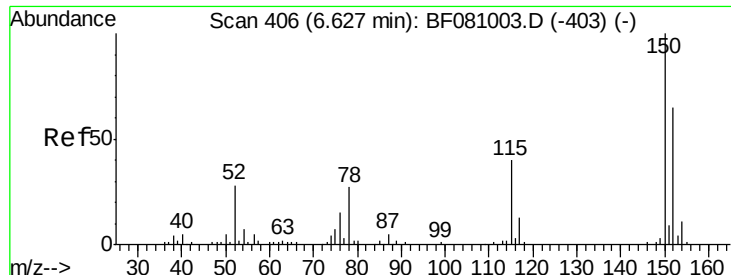
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081056.D

Acq: 18 Aug 2015 22:29

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BNA_F

ClientSampleId :

PB84967TB

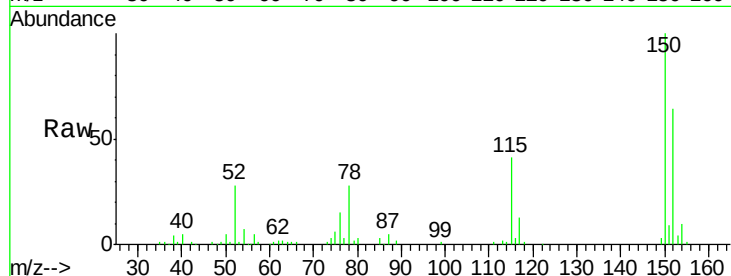
Tot Ion:152 Resp: 75408

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

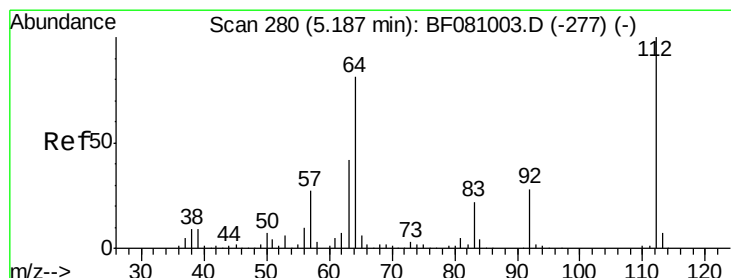
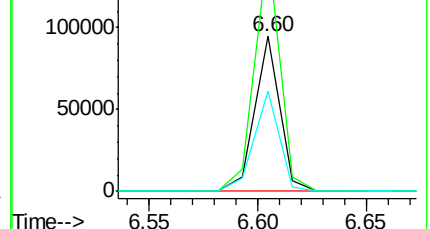
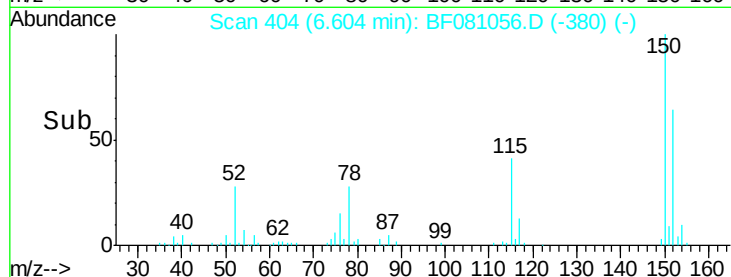
115 64.5 52.1 78.1



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: 93.33 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081056.D

Acq: 18 Aug 2015 22:29

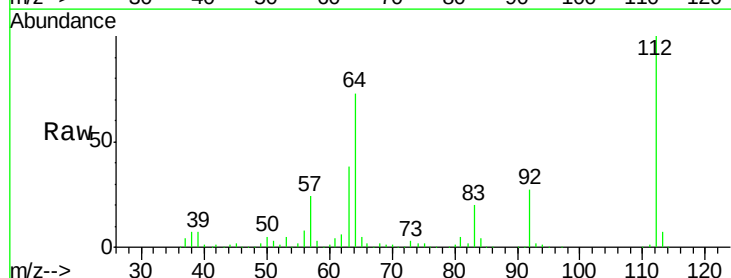
Tgt Ion:112 Resp: 467931

Ion Ratio Lower Upper

112 100

64 72.6 66.9 100.3

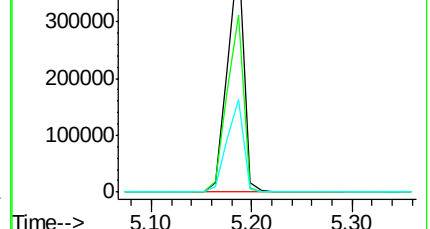
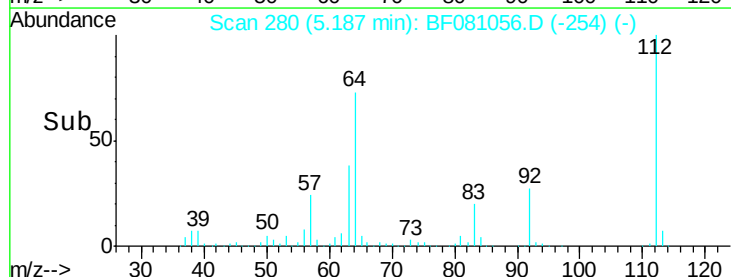
63 38.2 38.1 57.1

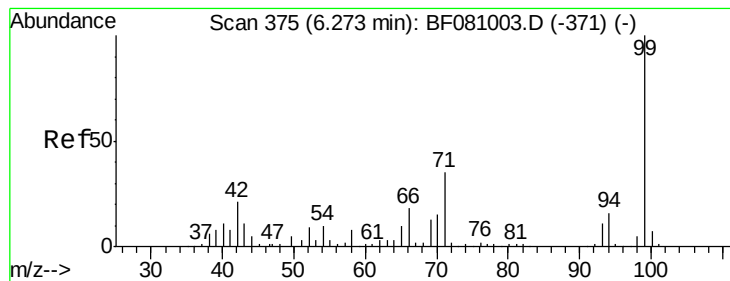


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.80 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081056.D

Acq: 18 Aug 2015 22:29

Instrument :

BNA_F

ClientSampleId :

PB84967TB

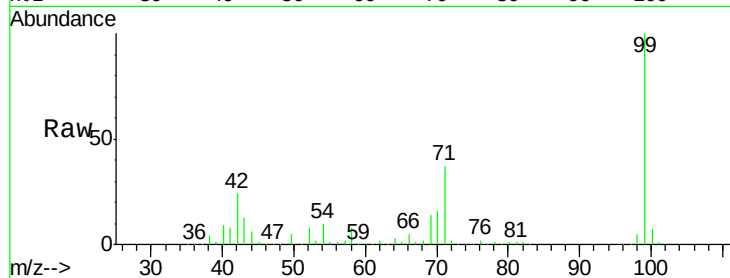
Tot Ion: 99 Resp: 541596

Ion Ratio Lower Upper

99 100

42 23.5 19.6 29.4

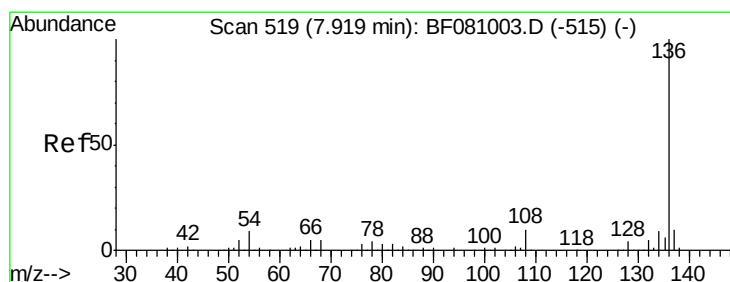
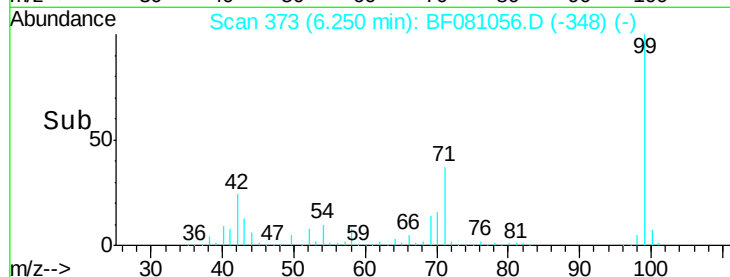
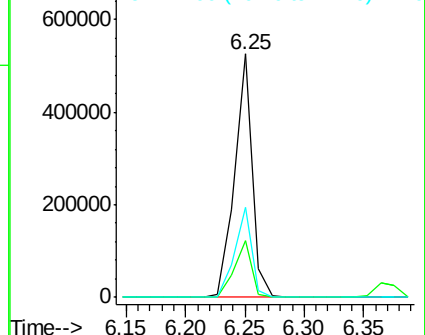
71 36.9 31.2 46.8



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: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081056.D

Acq: 18 Aug 2015 22:29

Tgt Ion: 136 Resp: 286697

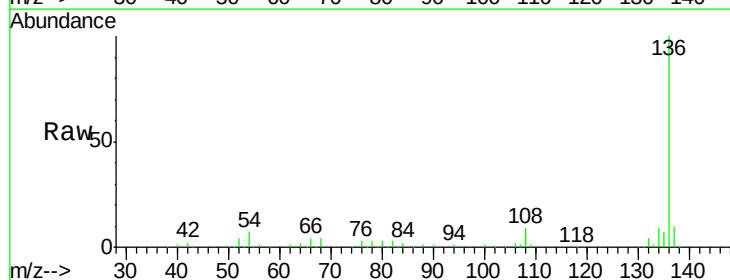
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 7.5 7.7 11.5#

68 4.3 3.4 5.2

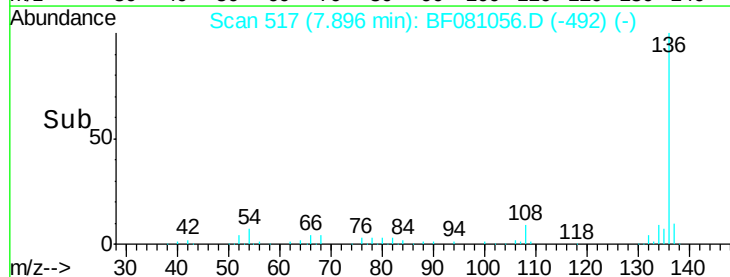
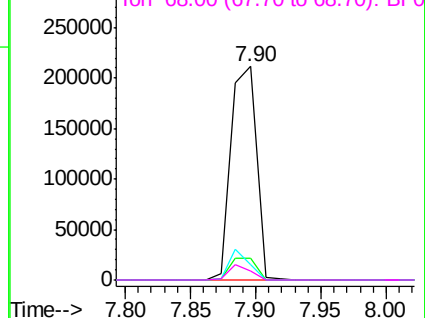


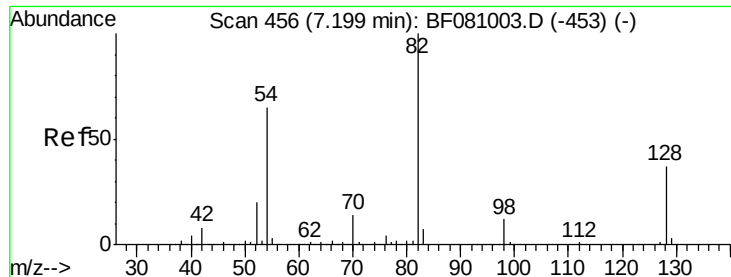
Abundance Ion 136.00 (135.70 to 136.70): E

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

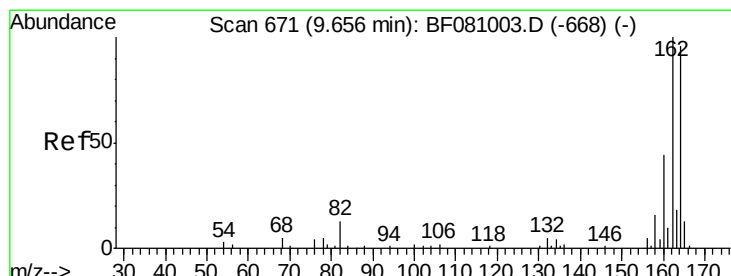
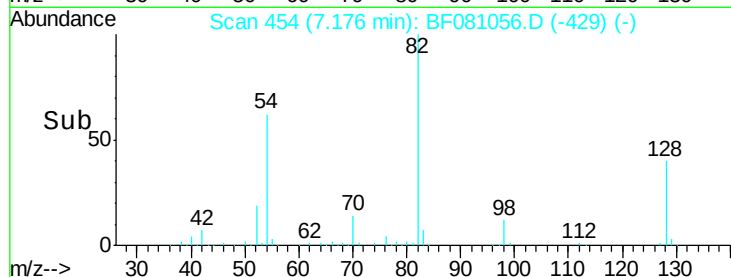
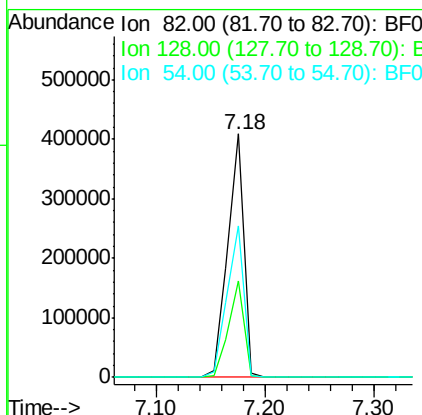
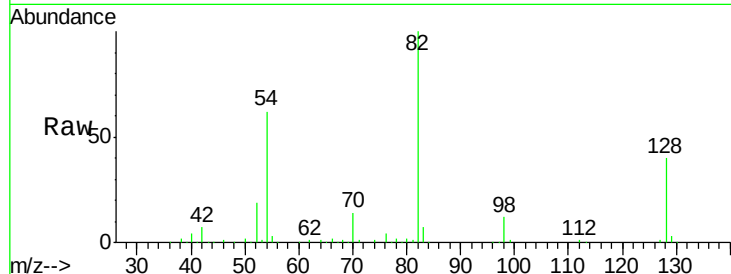




#23
 Nitrobenzene-d5
 Concen: 66.95 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

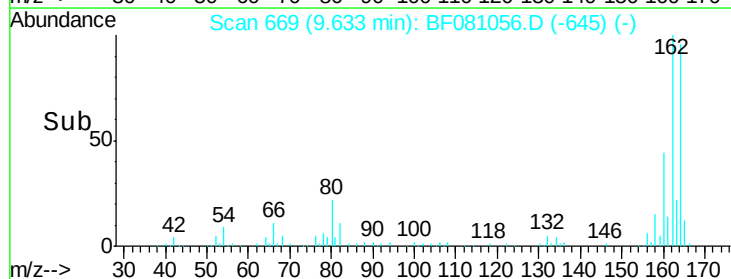
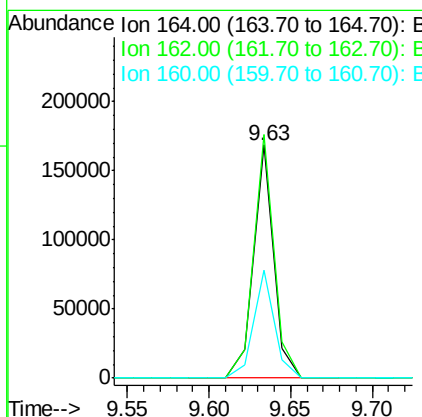
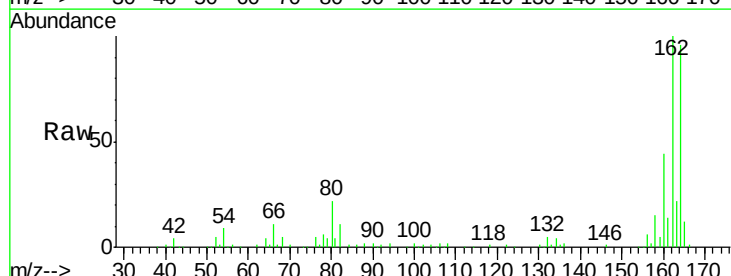
Instrument :
 BNA_F
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 PB84967TB

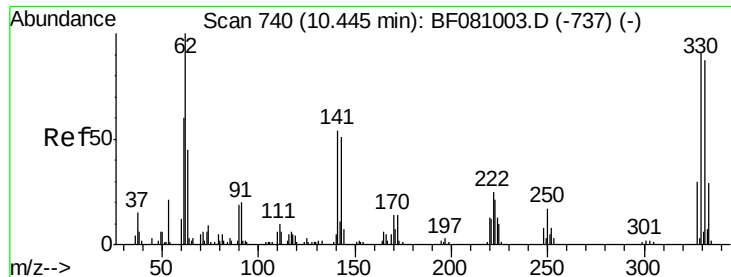
Tot Ion	82	Resp	420190
Ion Ratio	Lower	Upper	
82	100		
128	39.6	28.6	42.8
54	62.1	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Tgt Ion	164	Resp	145266
Ion Ratio	Lower	Upper	
164	100		
162	104.6	83.8	125.8
160	46.5	39.8	59.8

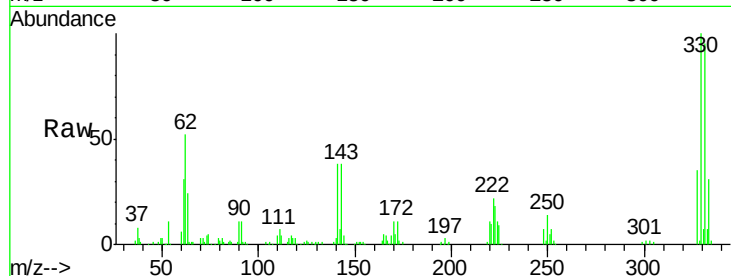




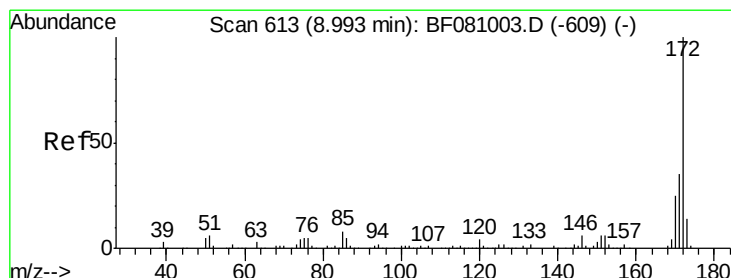
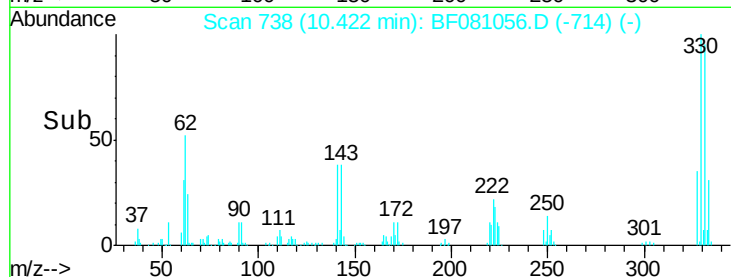
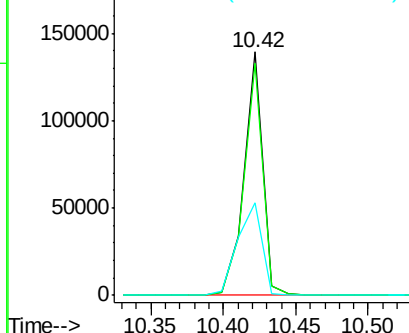
#41
 2,4,6-Tribromophenol
 Concen: 98.73 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 PB84967TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	49.7	44.9	67.3

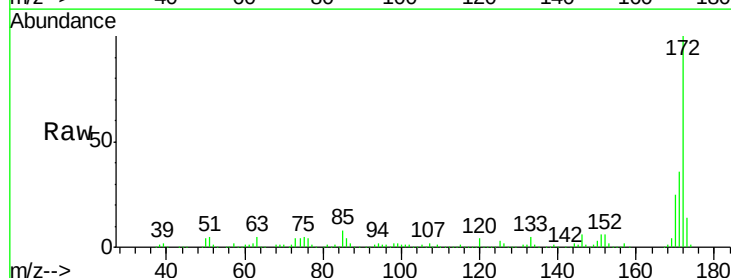


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

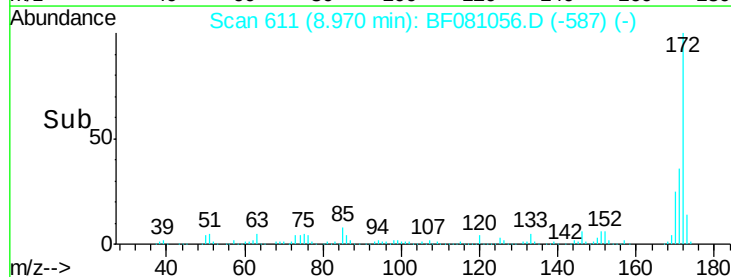
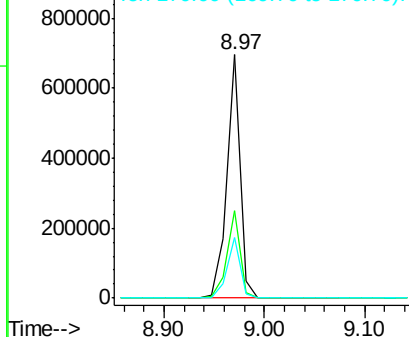


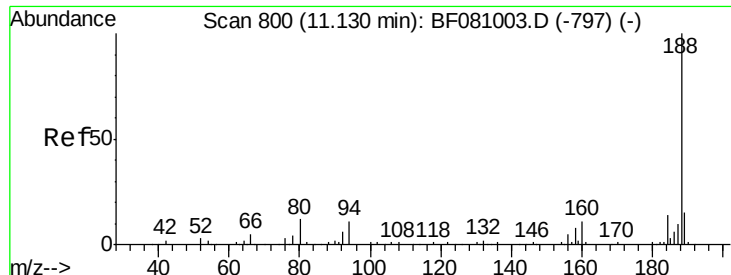
#44
 2-Fluorobiphenyl
 Concen: 57.39 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.8	19.4	29.2



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

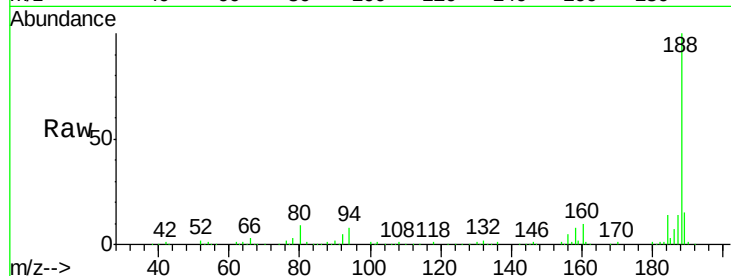




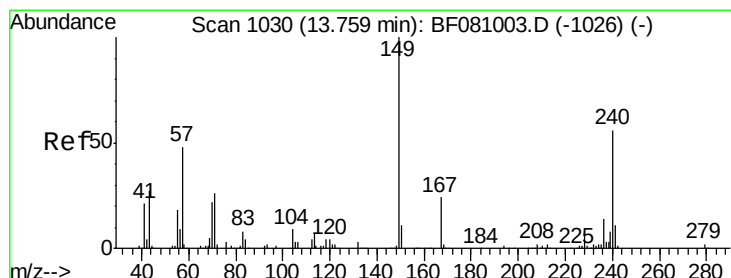
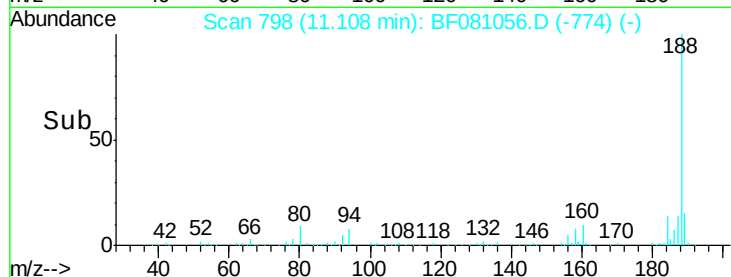
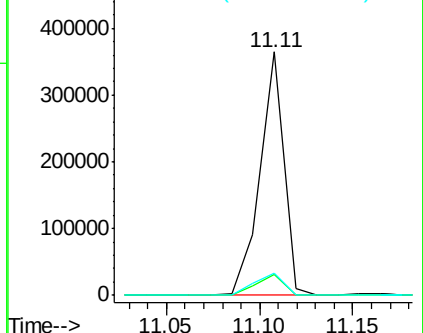
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081056.D
Acq: 18 Aug 2015 22:29

Instrument :
BNA_F
ClientSampleId :
PB84967TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	8.9	9.5	14.3#

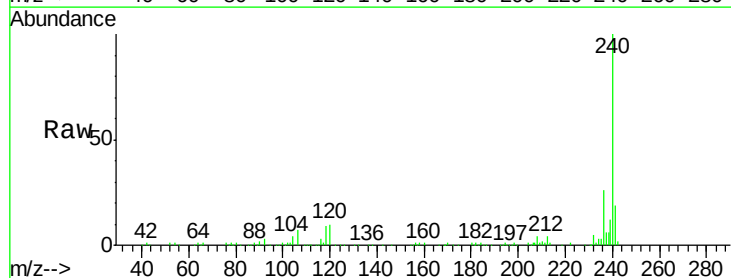


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

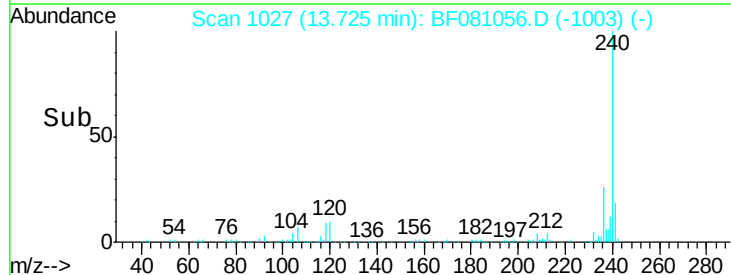
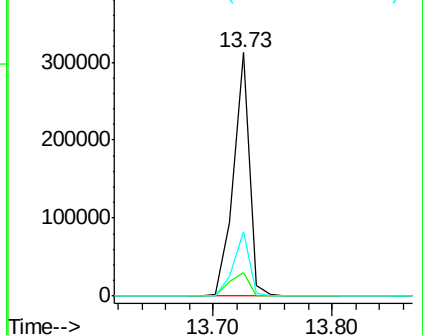


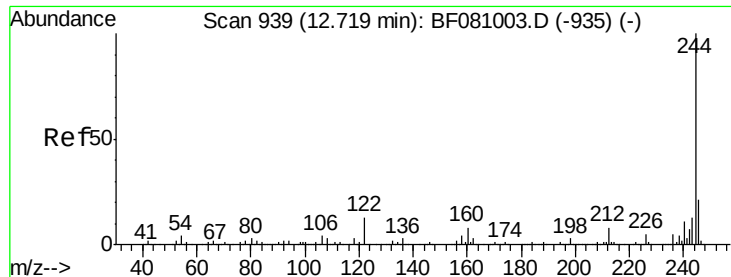
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF081056.D
Acq: 18 Aug 2015 22:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.6	8.4#
236	26.4	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

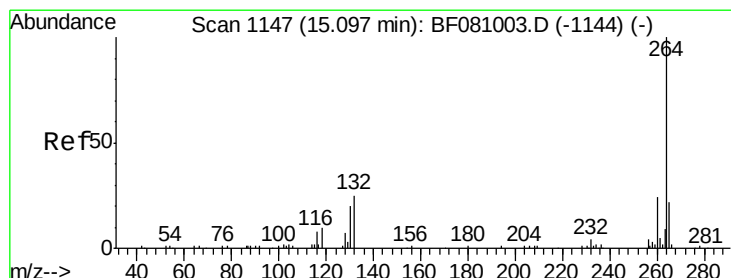
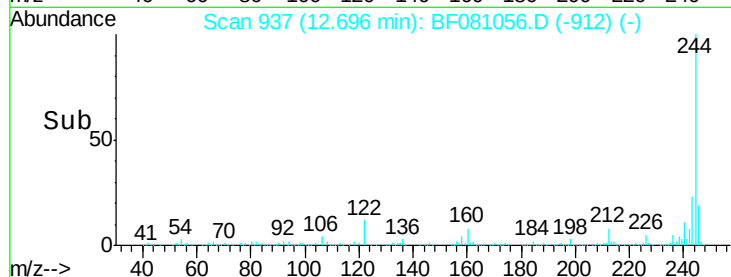
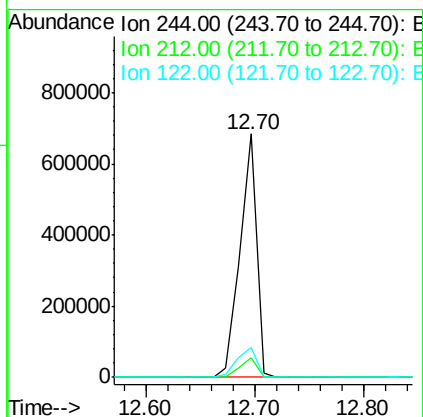
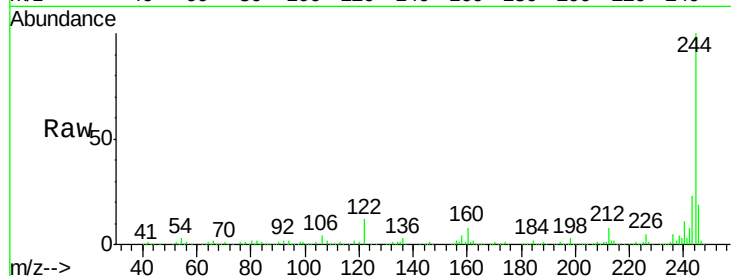




#78
 Terphenyl-d14
 Concen: 52.21 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Instrument :
 BNA_F
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 PB84967TB

Tot Ion:244 Resp: 710302
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 12.2 8.2 12.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Tgt Ion:264 Resp: 230269
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.8 17.5 26.3

