

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 :

Quant Time: Aug 19 00:41:20 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

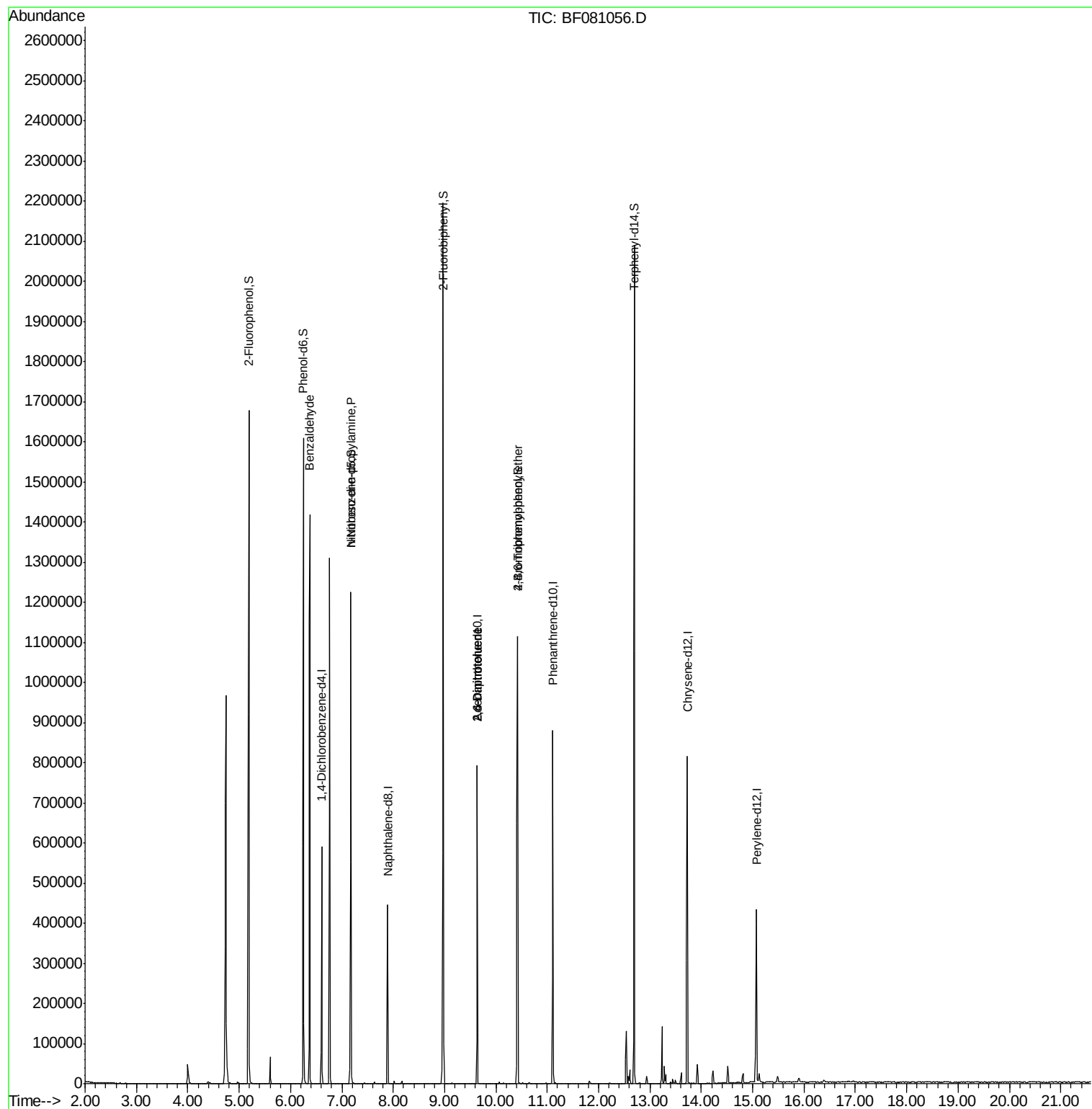
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	75408	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	286697	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	145266	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	321437	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	291675	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						
9) Benzaldehyde	6.38	77	12178	2.89	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.18	70	56848	12.55	ng	# 67
50) 2,6-Dinitrotoluene	9.63	165	18542	7.22	ng	# 20
56) 2,4-Dinitrotoluene	9.63	165	18542	5.45	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	9703	3.07	ng	# 1

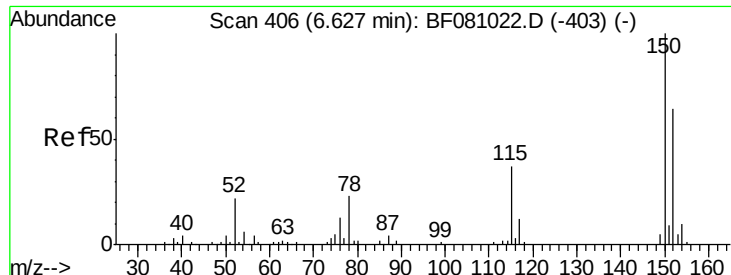
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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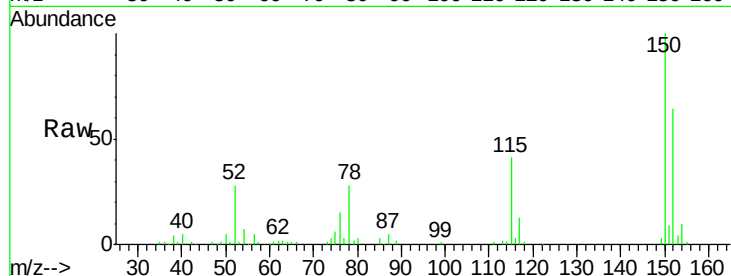


#1

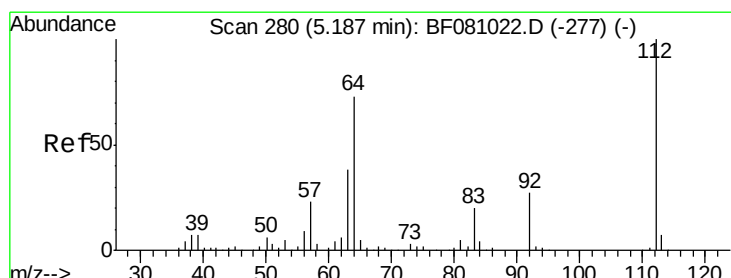
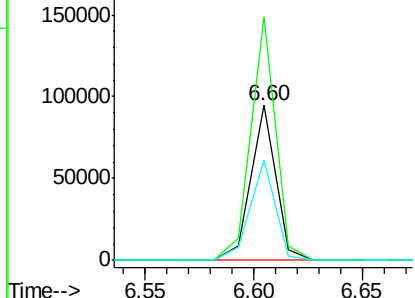
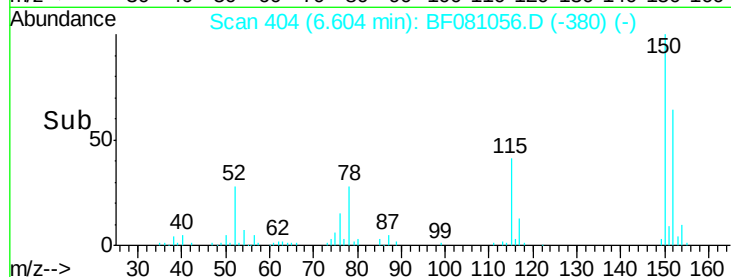
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081056.D
Acq: 18 Aug 2015 22:29

Instrument :
BNA_F
ClientSampleId :

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



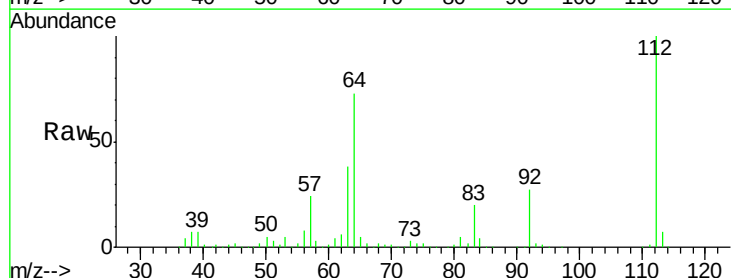
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



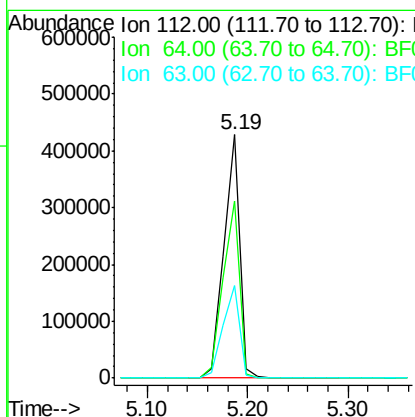
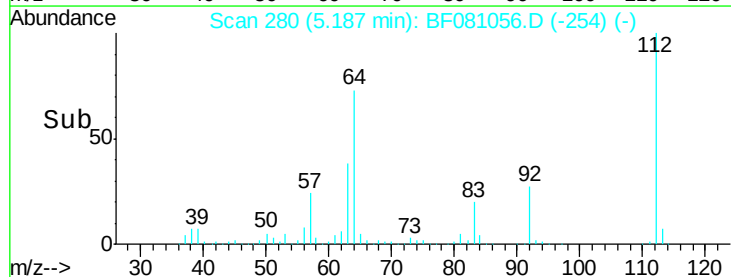
#5

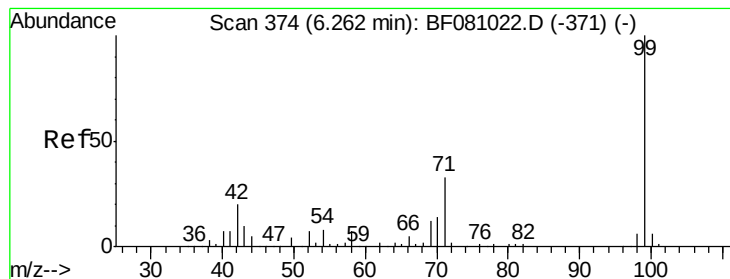
2-Fluorophenol
Concen: 93.33 ng
RT: 5.19 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF081056.D
Acq: 18 Aug 2015 22:29

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 :

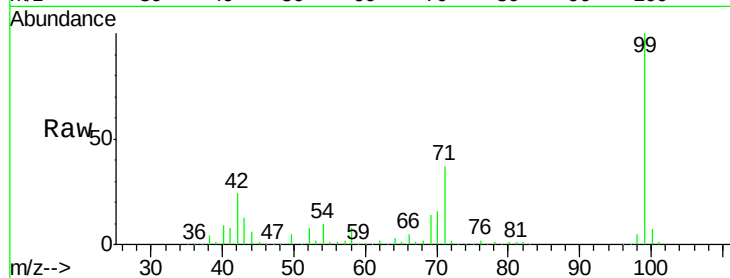
Tot Ion: 99 Resp: 541596

Ion Ratio Lower Upper

99 100

42 23.5 19.6 29.4

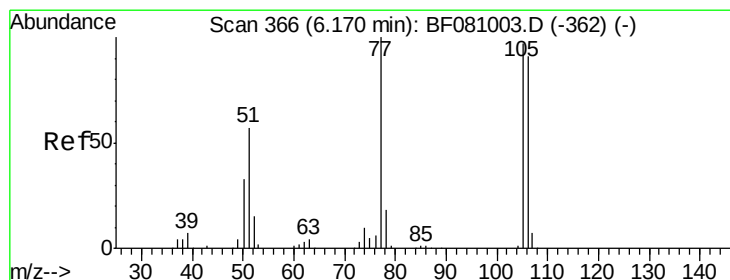
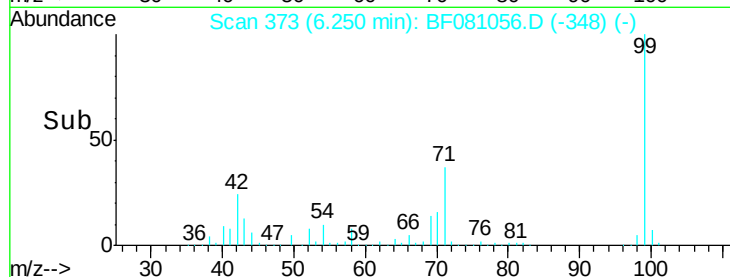
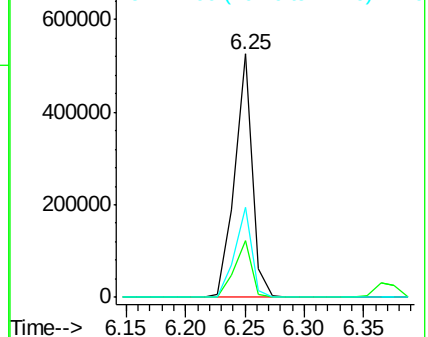
71 36.9 31.2 46.8



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



#9

Benzaldehyde

Concen: 2.89 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF081056.D

Acq: 18 Aug 2015 22:29

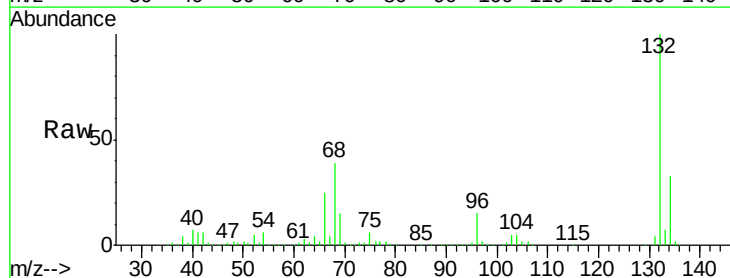
Tgt Ion: 77 Resp: 12178

Ion Ratio Lower Upper

77 100

105 82.9 69.6 109.6

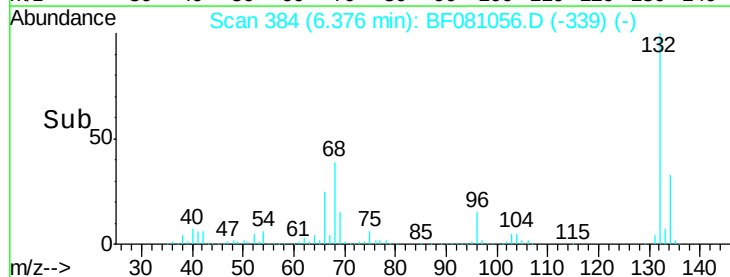
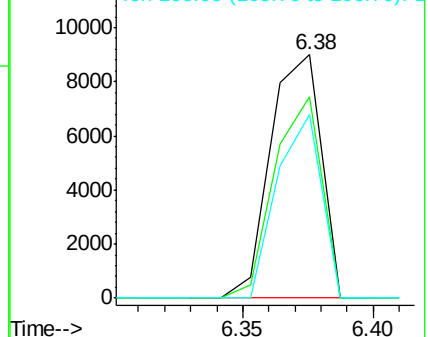
106 75.2 64.0 104.0

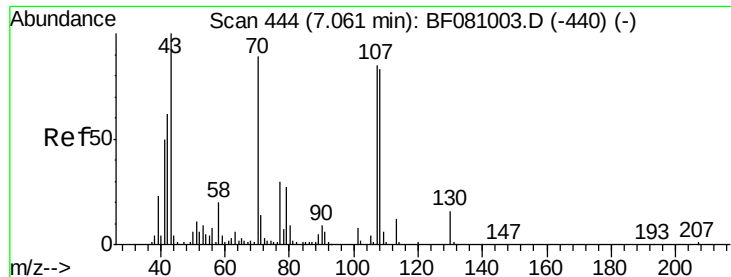


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

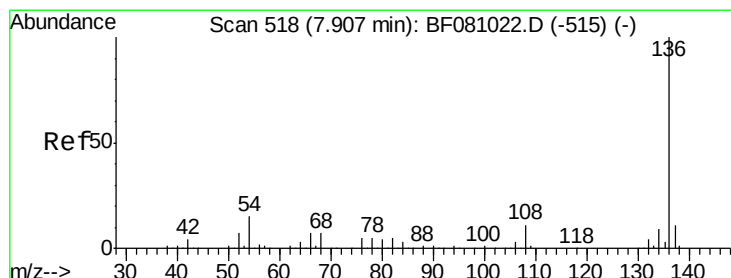
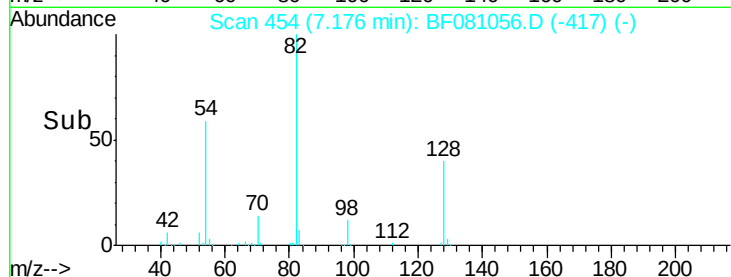
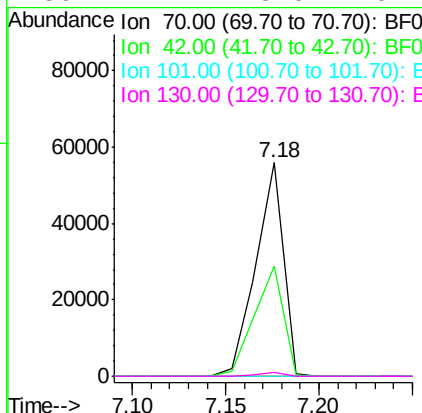
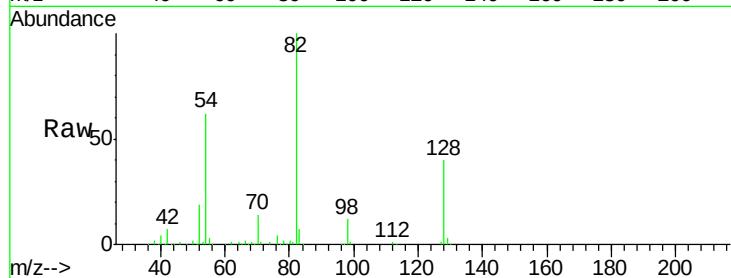




#19
n-Nitroso-di-n-propylamine
Concen: 12.55 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081056.D
Acq: 18 Aug 2015 22:29

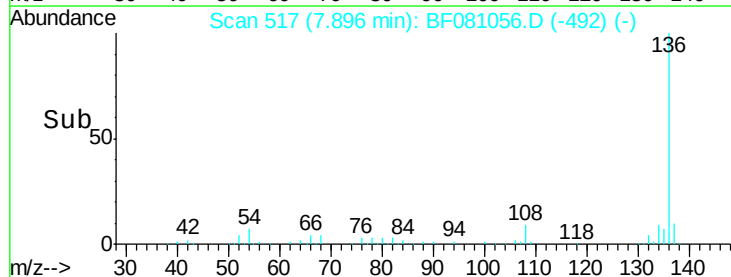
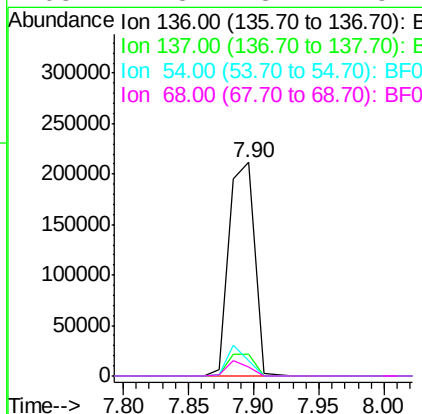
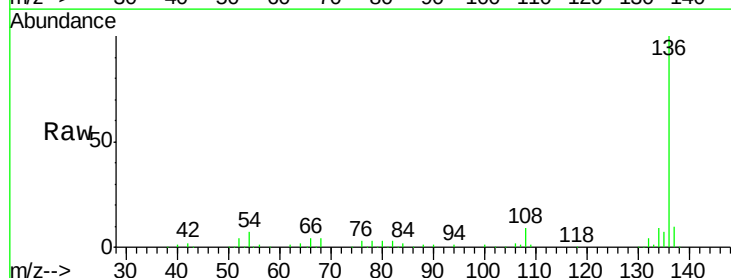
Instrument :
BNA_F
ClientSampleId :

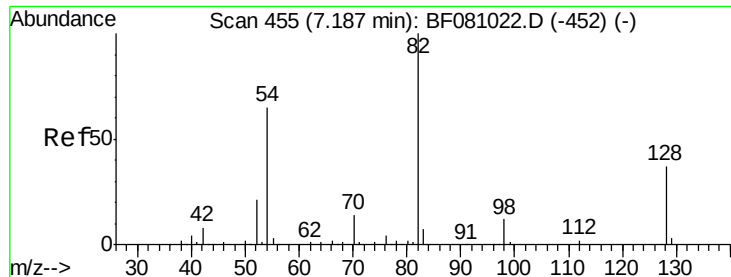
Tot Ion: 70 Resp: 56848
Ion Ratio Lower Upper
70 100
42 51.8 65.0 97.4#
101 0.0 7.4 11.2#
130 1.7 13.0 19.4#



#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

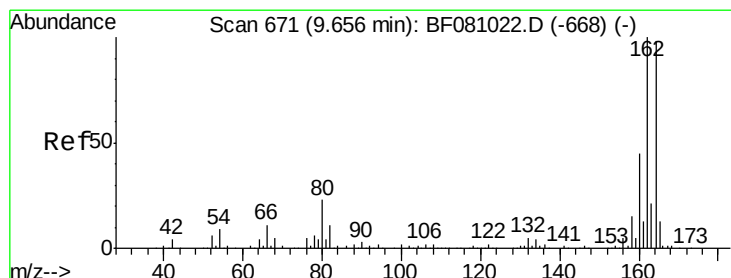
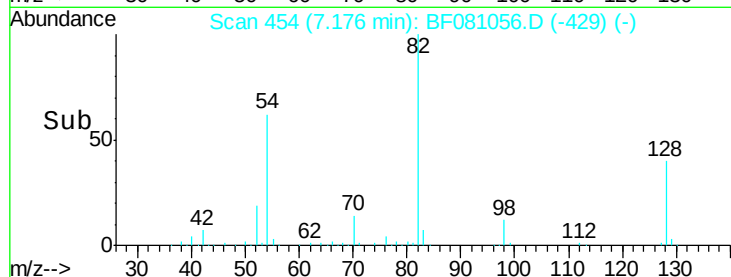
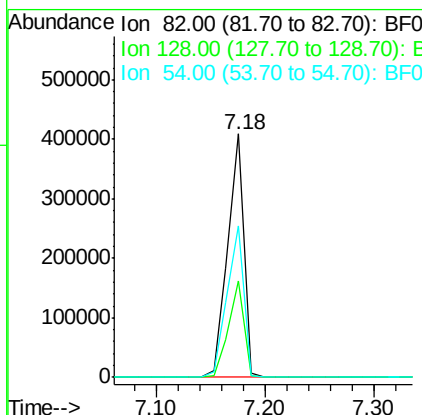
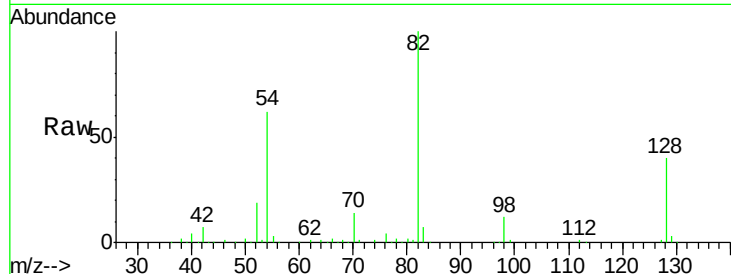




#23
 Nitrobenzene-d5
 Concen: 66.95 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

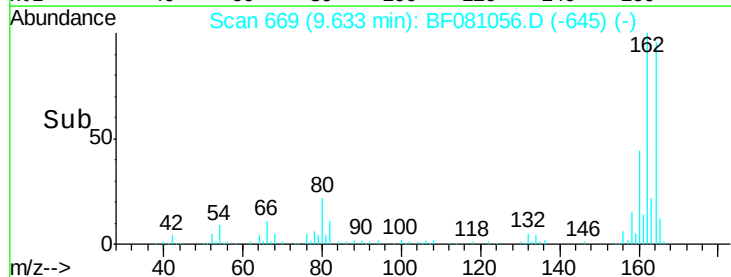
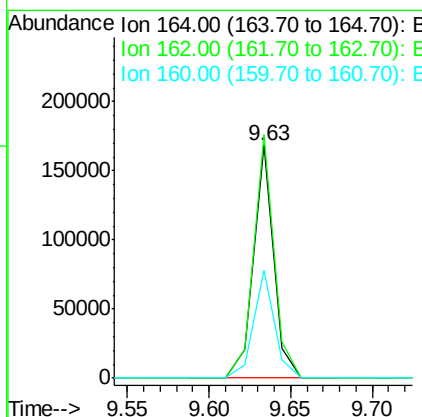
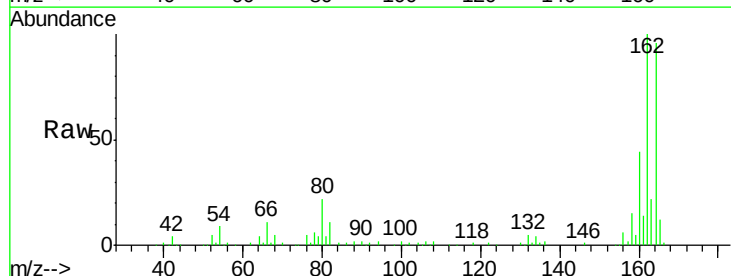
Instrument :
 BNA_F
 ClientSampleID :

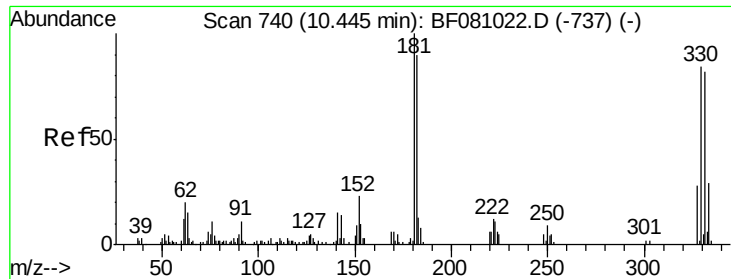
Tot Ion	82	Resp	420190
Ion Ratio	Lower	Upper	
82	100		
128	39.6	28.6	42.8
54	62.1	55.1	82.7



#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 :

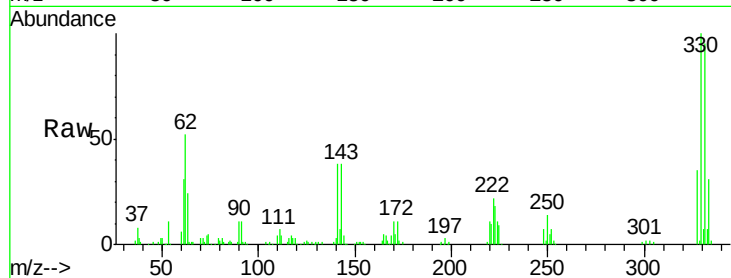
Tot Ion:330 Resp: 124318

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

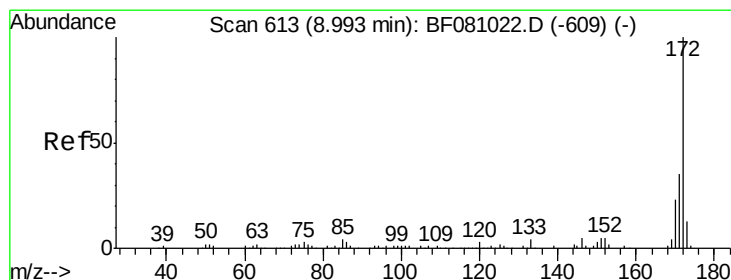
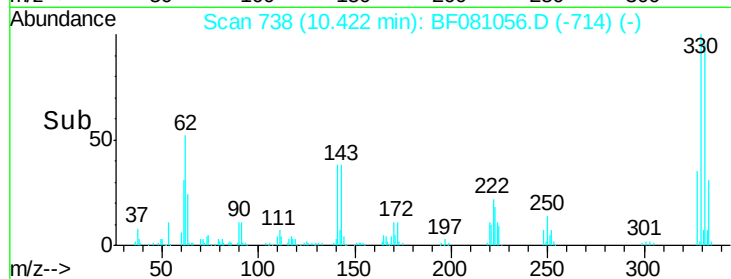
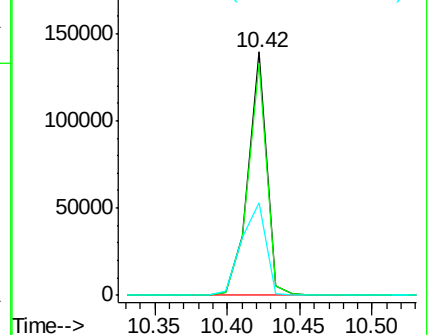
141 49.7 44.9 67.3



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

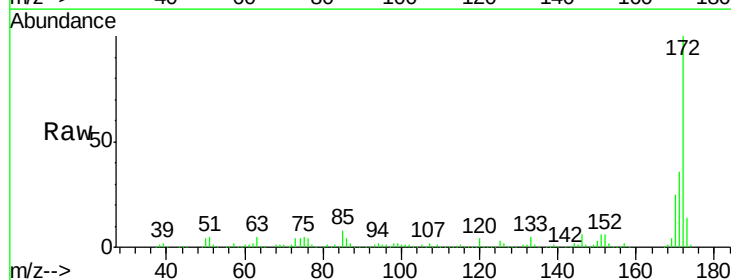
Tgt Ion:172 Resp: 636281

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

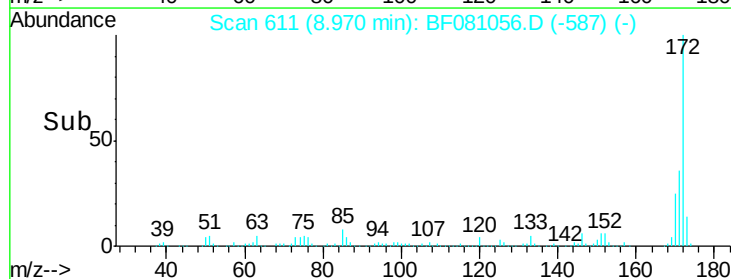
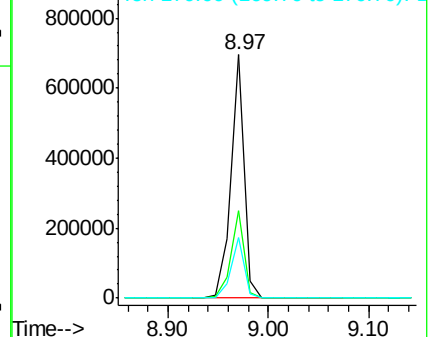
170 24.8 19.4 29.2

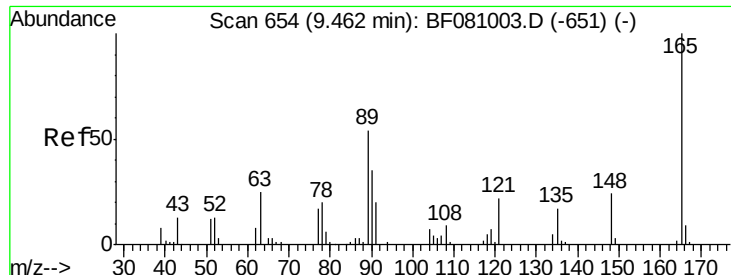


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

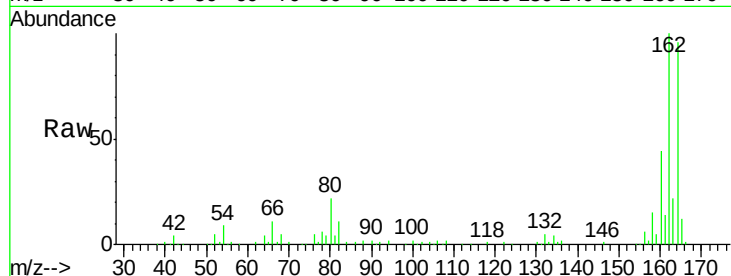




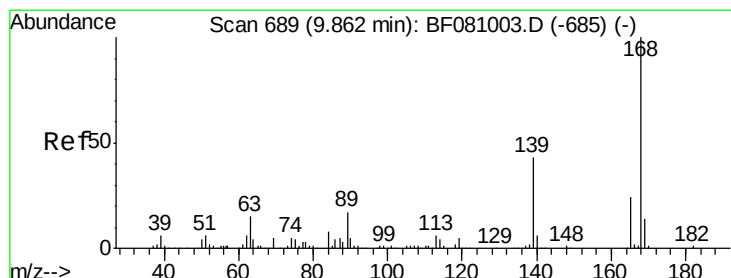
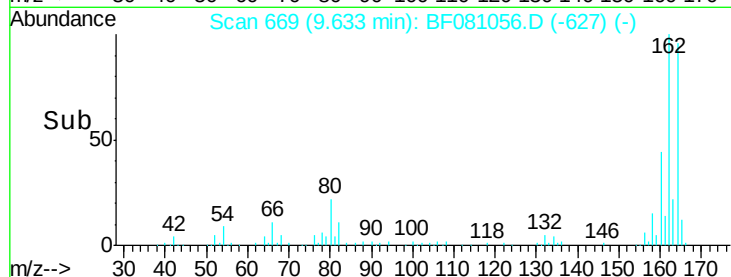
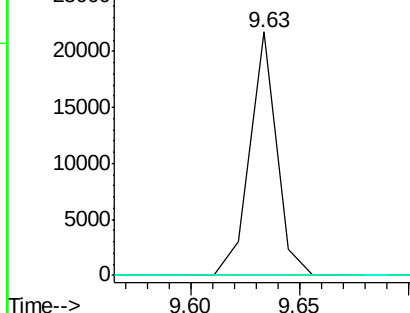
#50
 2,6-Dinitrotoluene
 Concen: 7.22 ng
 RT: 9.63 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



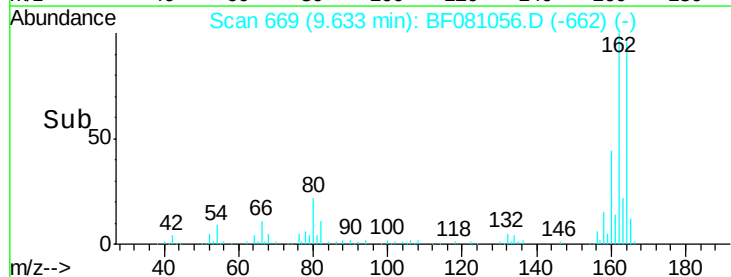
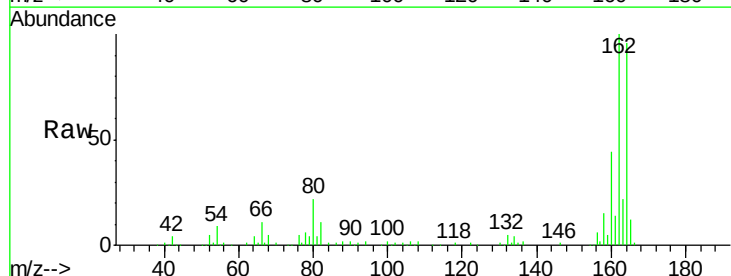
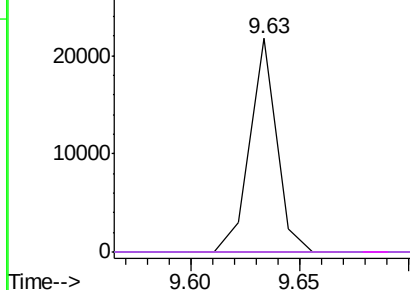
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

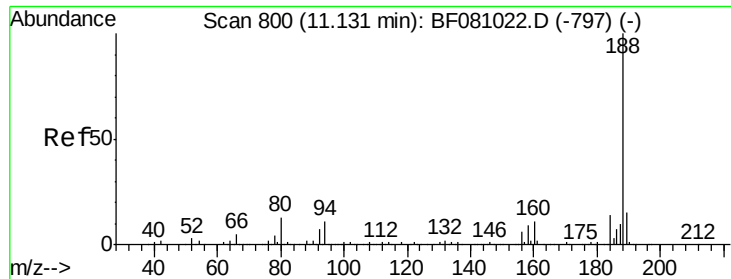


#56
 2,4-Dinitrotoluene
 Concen: 5.45 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

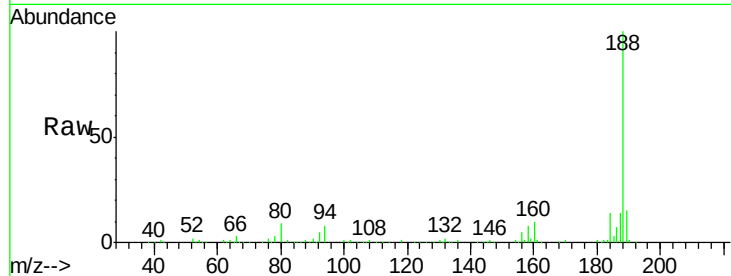




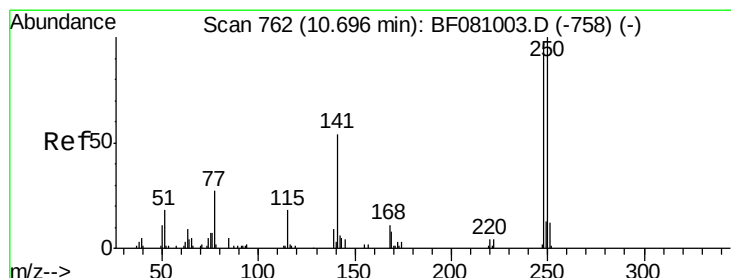
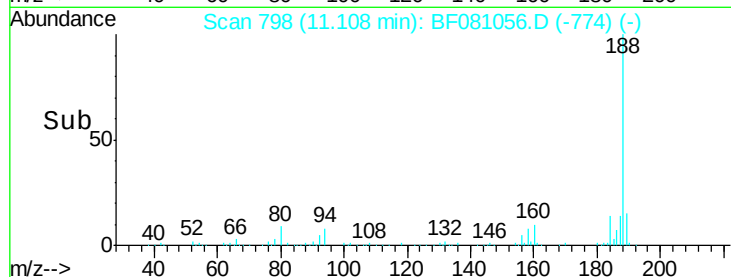
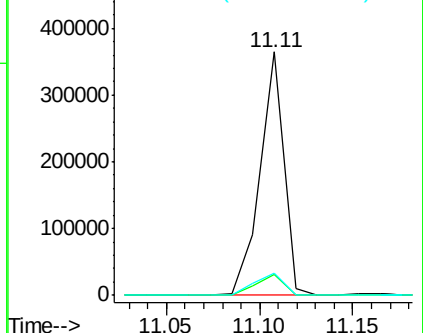
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 321437
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.2 12.2
 80 8.9 9.5 14.3#

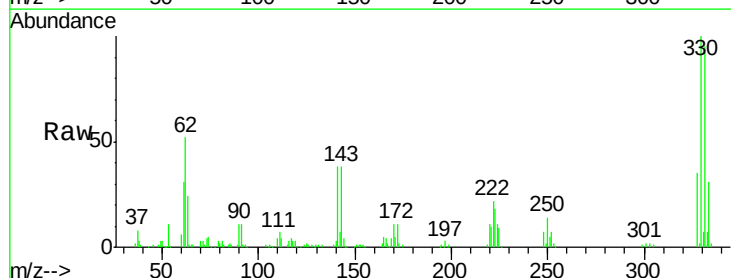


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

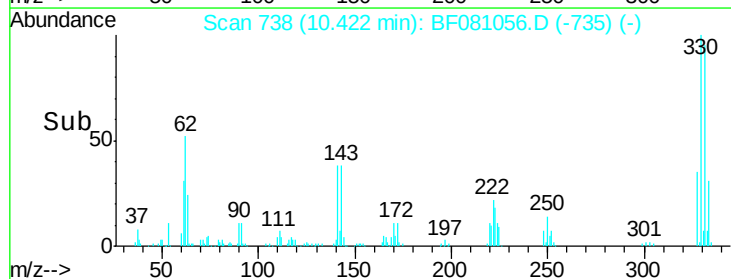
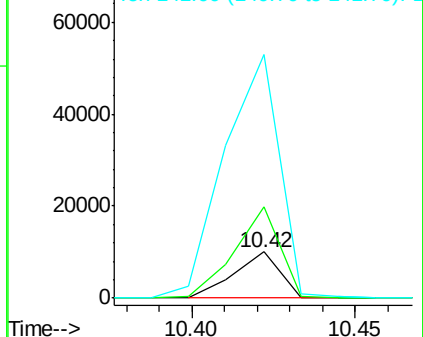


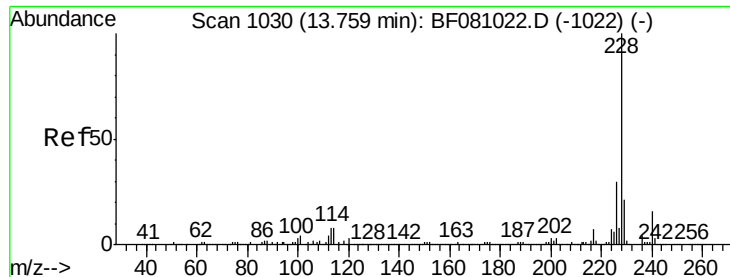
#66
 4-Bromophenyl-phenylether
 Concen: 3.07 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.26 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Tgt Ion:248 Resp: 9703
 Ion Ratio Lower Upper
 248 100
 250 197.4 77.8 116.6#
 141 526.7 39.8 59.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

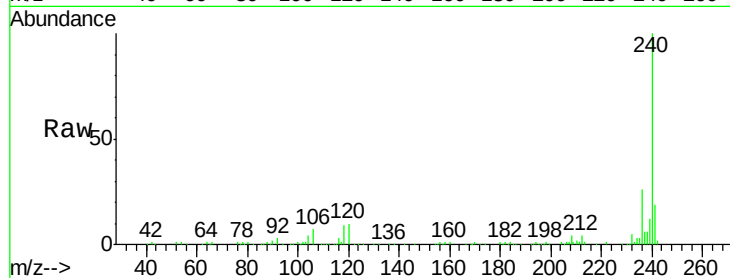
Tot Ion:240 Resp: 291675

Ion Ratio Lower Upper

240 100

120 9.7 5.6 8.4#

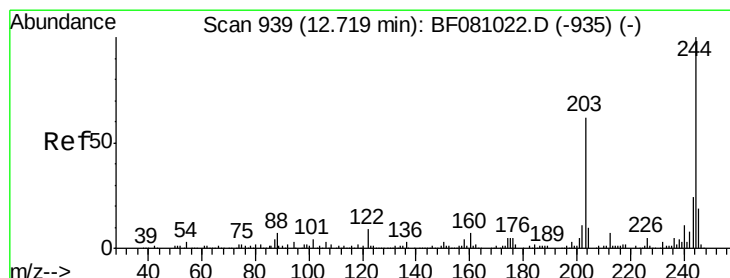
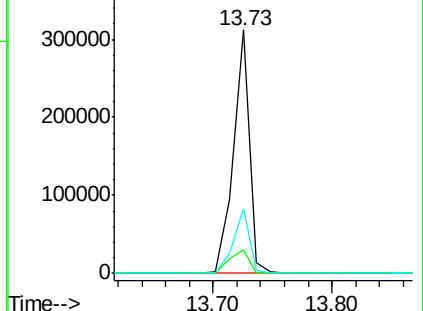
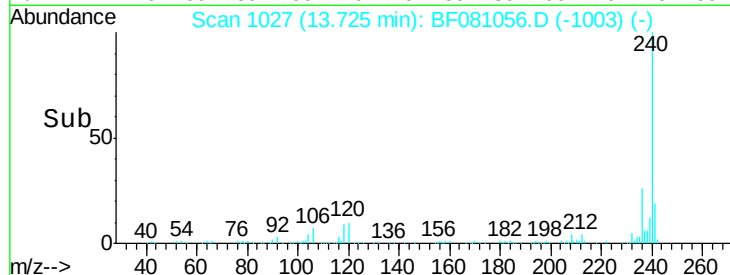
236 26.4 20.6 30.8



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

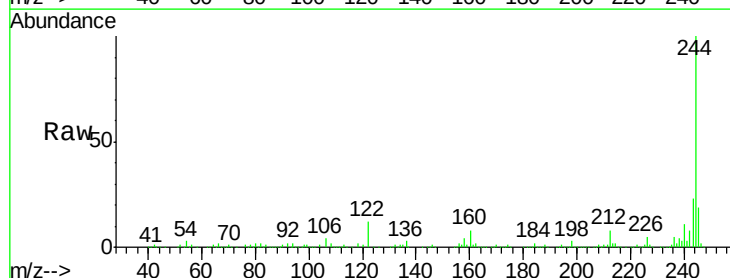
Tgt Ion:244 Resp: 710302

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

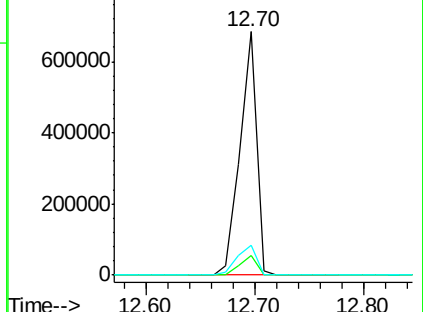
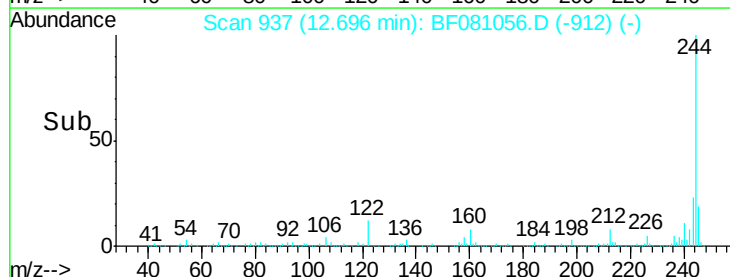
122 12.2 8.2 12.4

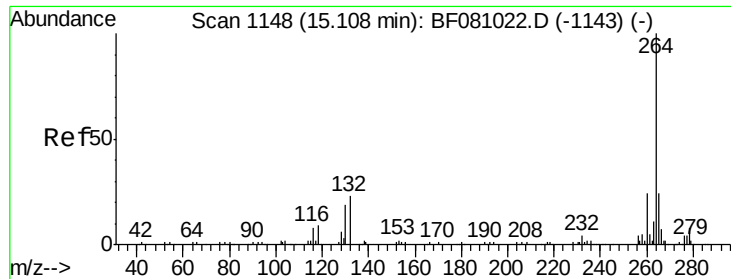


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081056.D
 Acq: 18 Aug 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.8	17.5	26.3

