

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082706.D
 Acq On : 4 Nov 2015 17:45
 Operator : UM/IZ
 Sample : G4240-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(18-20)

Quant Time: Nov 04 23:20:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

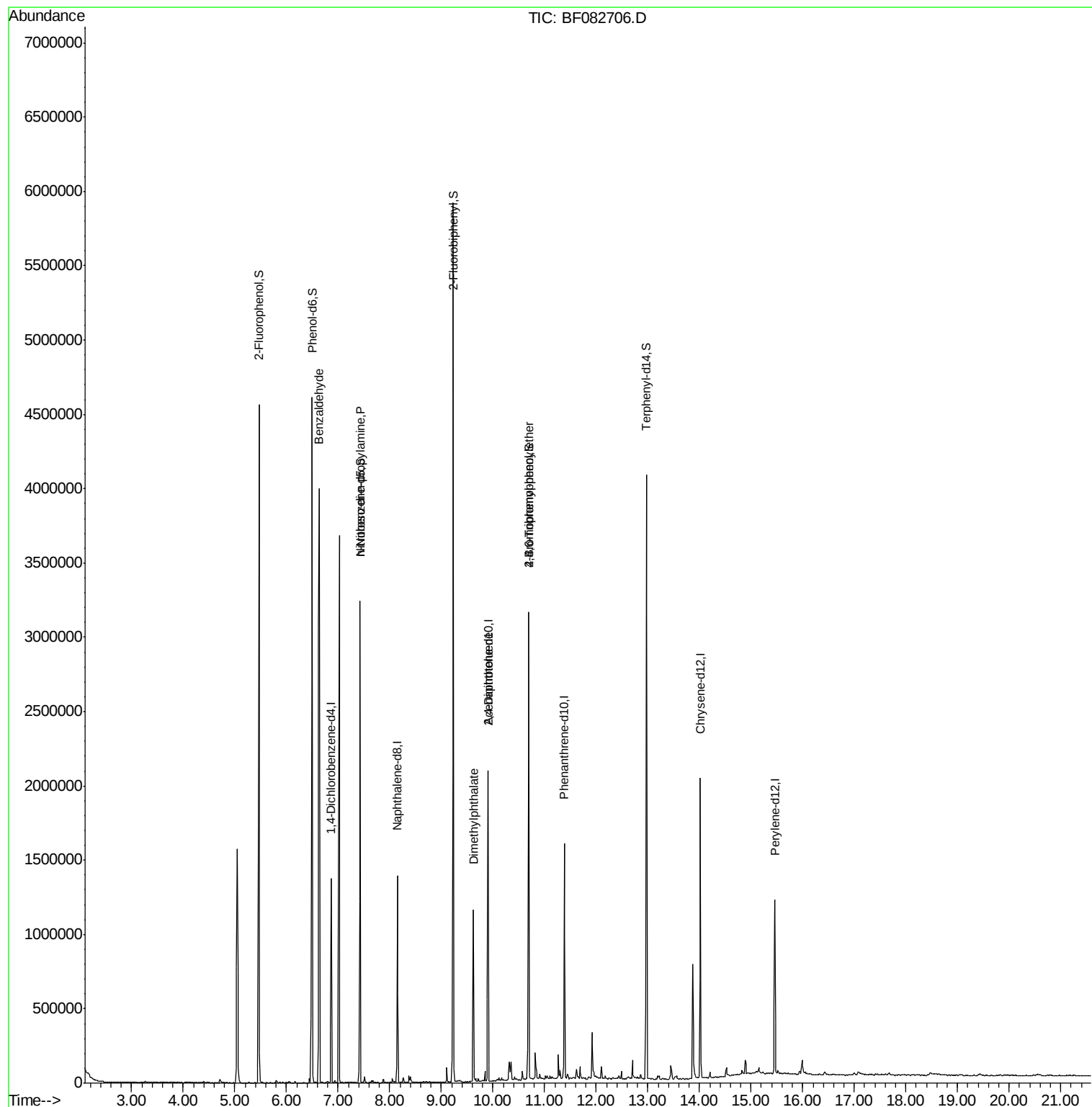
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	194862	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	675834	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	408431	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	717894	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	710584	20.00	ng	-0.03
86) Perylene-d12	15.46	264	527705	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1144848	88.49	ng	0.00
7) Phenol-d6	6.50	99	1784912	103.85	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1104968	66.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	478861	107.13	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1791198	62.27	ng	-0.02
78) Terphenyl-d14	12.97	244	1758984	54.17	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.64	77	36763	3.13	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.42	70	153532	11.78	ng	# 71
49) Dimethylphthalate	9.62	163	404701	12.13	ng	98
56) 2,4-Dinitrotoluene	9.90	165	53816	5.76	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	33148	4.07	ng	# 1

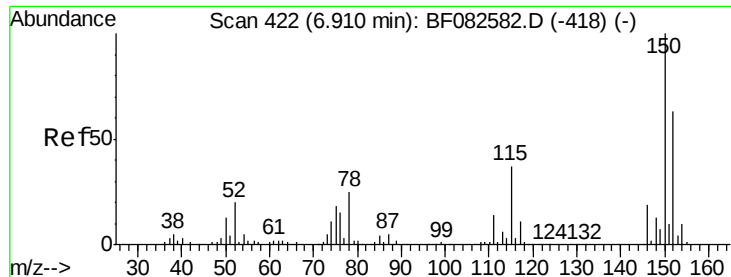
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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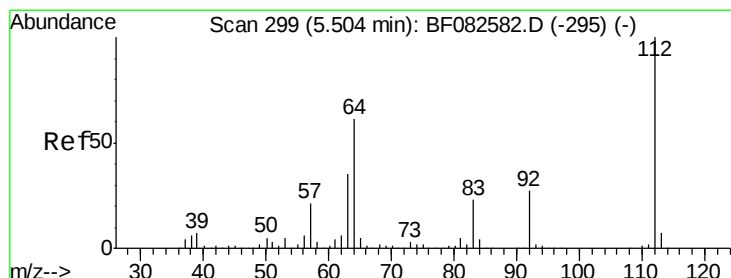
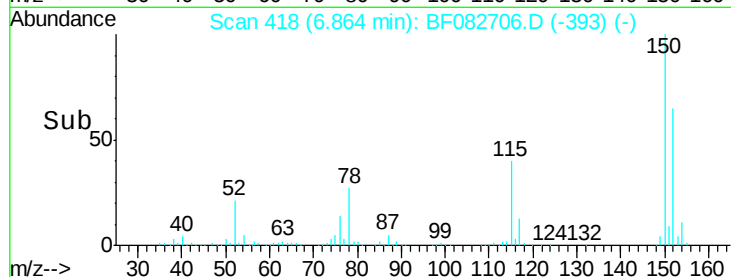
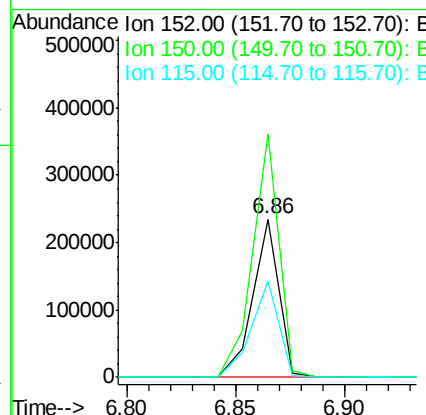
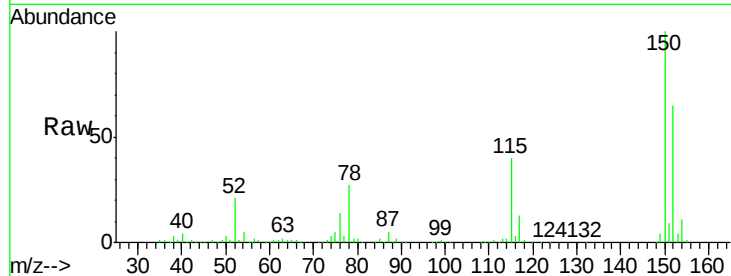


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082706.D
Acq: 4 Nov 2015 17:45

Instrument :
BNA_F
ClientSampleId :
SB-03(18-20)

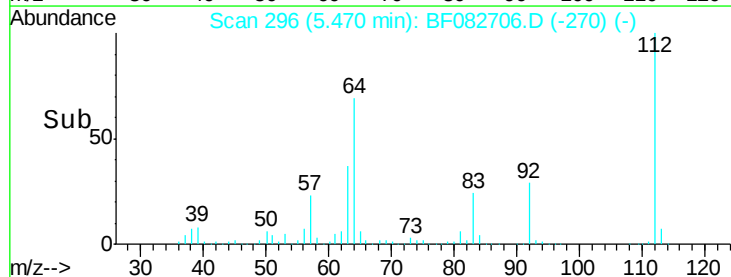
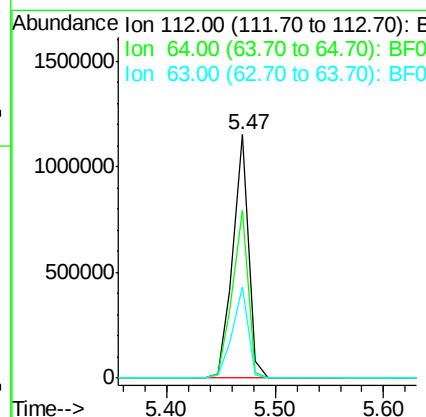
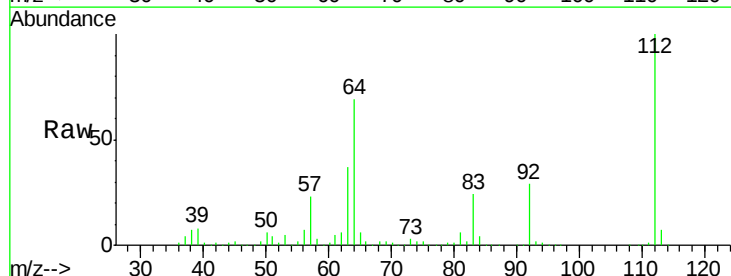
Tgt Ion:152 Resp: 194862
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.4
115 61.0 47.0 70.6



#5

2-Fluorophenol
Concen: 88.49 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF082706.D
Acq: 4 Nov 2015 17:45

Tgt Ion:112 Resp: 1144848
Ion Ratio Lower Upper
112 100
64 69.0 48.9 73.3
63 37.5 28.1 42.1





#7

Phenol-d6

Concen: 103.85 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082706.D

Acq: 4 Nov 2015 17:45

Instrument :

BNA_F

ClientSampleId :

SB-03(18-20)

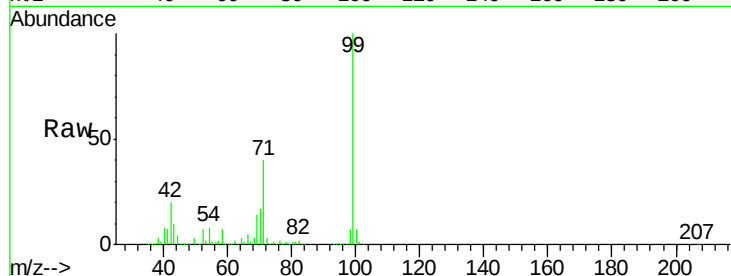
Tgt Ion: 99 Resp: 1784912

Ion Ratio Lower Upper

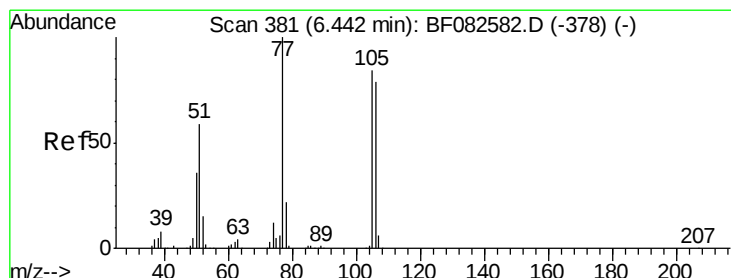
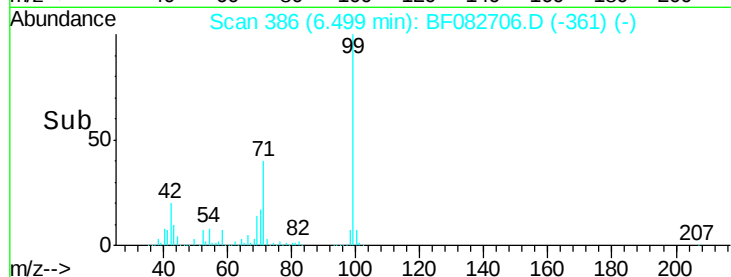
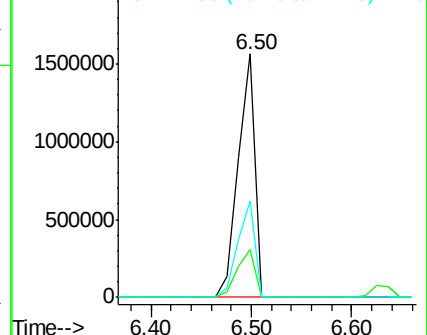
99 100

42 19.8 19.2 28.8

71 39.6 35.0 52.4



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: 3.13 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082706.D

Acq: 4 Nov 2015 17:45

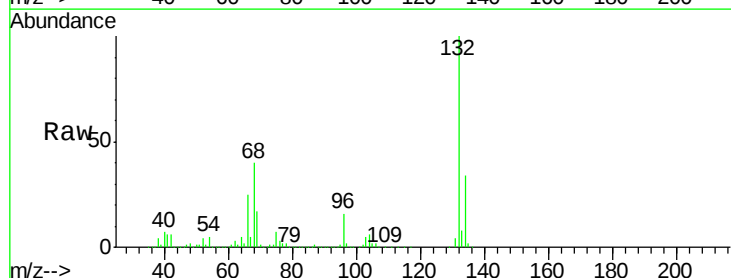
Tgt Ion: 77 Resp: 36763

Ion Ratio Lower Upper

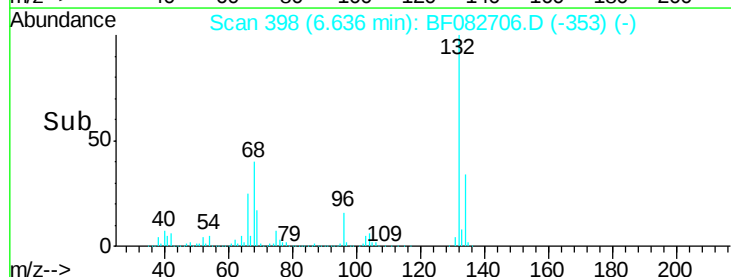
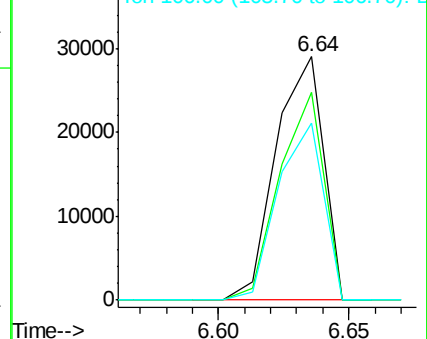
77 100

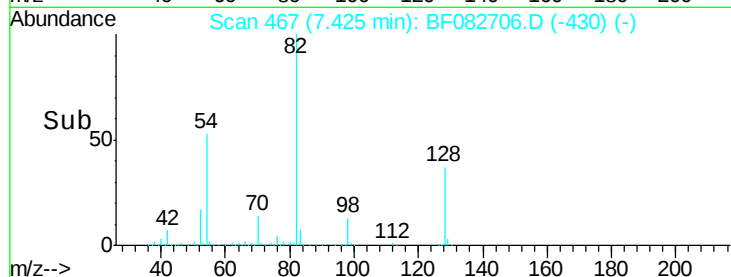
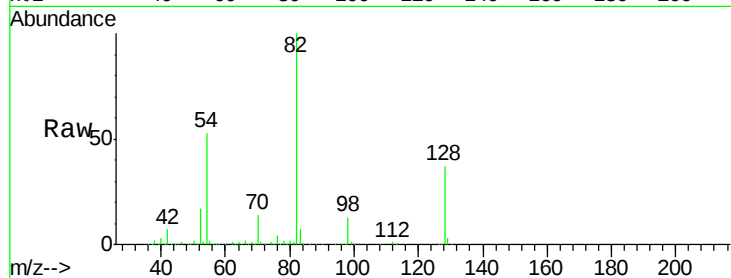
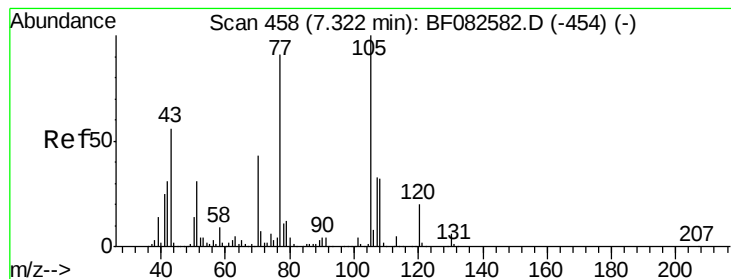
105 85.5 63.5 103.5

106 72.5 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.78 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082706.D

Acq: 4 Nov 2015 17:45

Instrument :

BNA_F

ClientSampleId :

SB-03(18-20)

Tgt Ion: 70 Resp: 153532

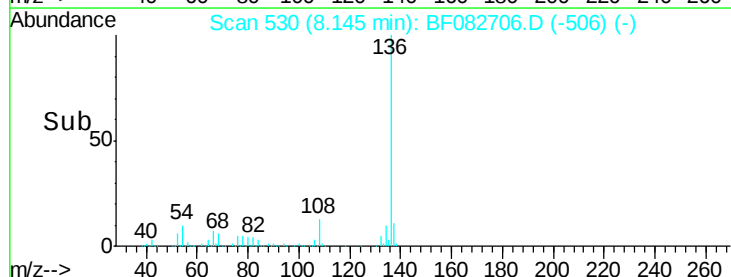
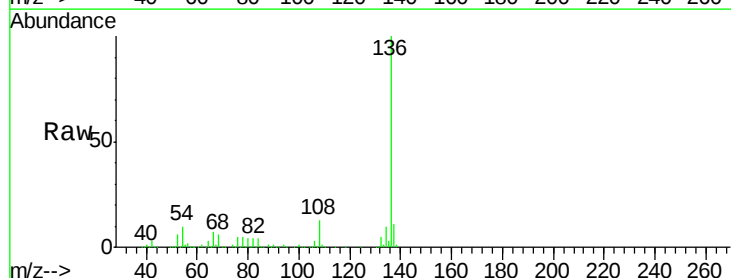
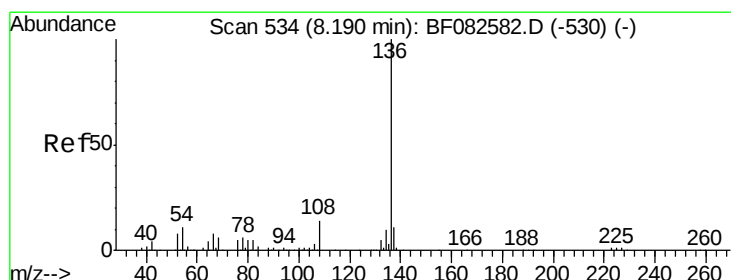
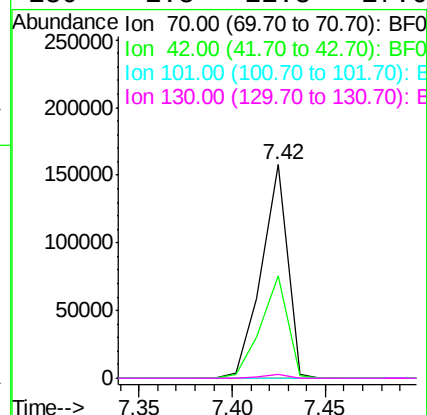
Ion Ratio Lower Upper

70 100

42 48.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082706.D

Acq: 4 Nov 2015 17:45

Tgt Ion: 136 Resp: 675834

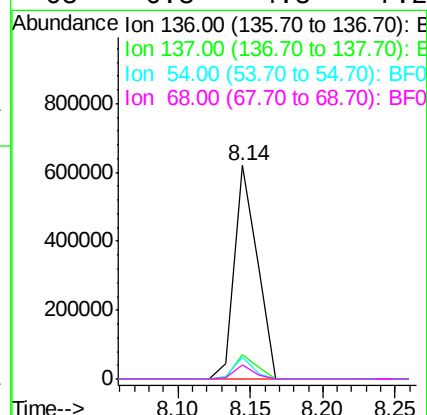
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.4 9.1 13.7

68 6.3 4.8 7.2

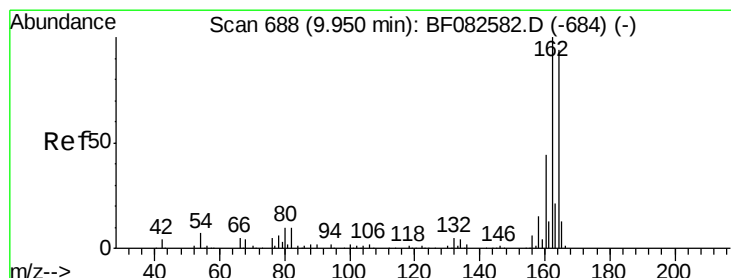
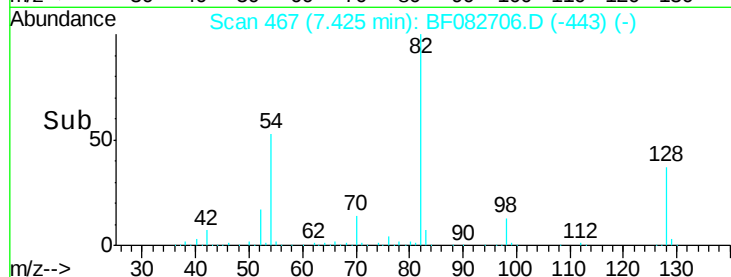
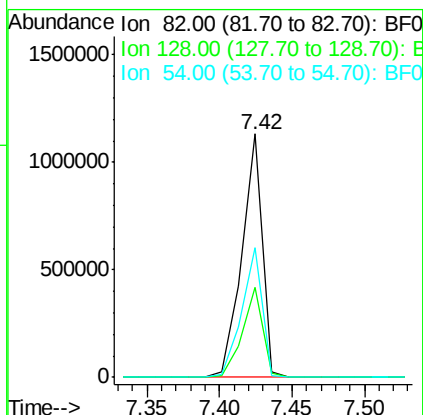
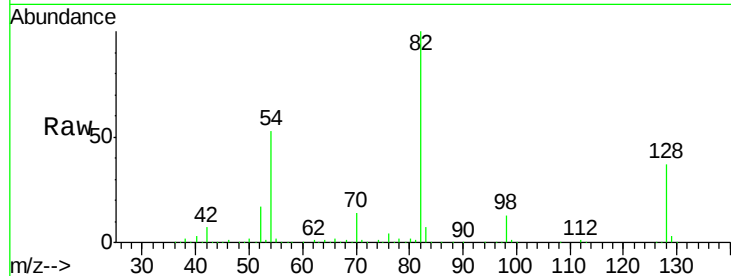




#23
 Nitrobenzene-d5
 Concen: 66.76 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082706.D
 Acq: 4 Nov 2015 17:45

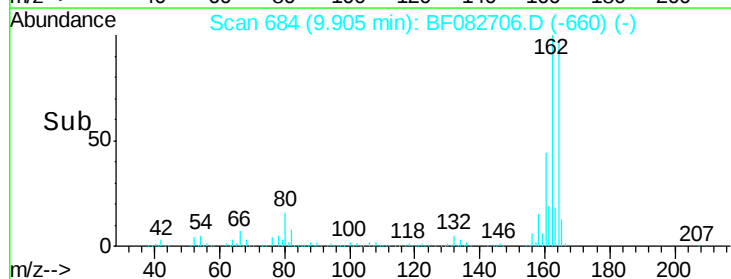
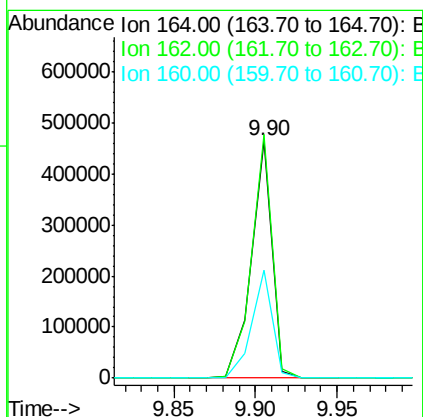
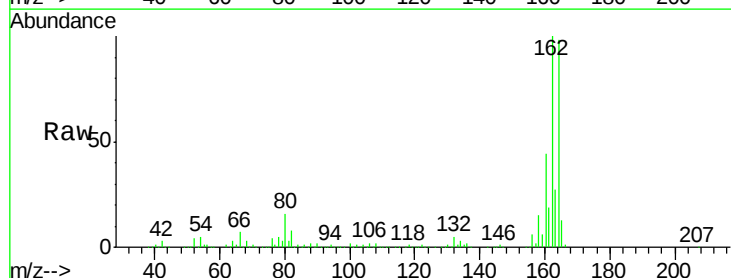
Instrument :
 BNA_F
 ClientSampleId :
 SB-03(18-20)

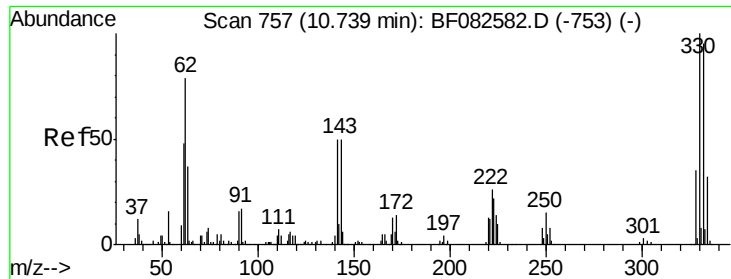
Tgt Ion: 82 Resp: 1104968
 Ion Ratio Lower Upper
 82 100
 128 36.9 26.8 40.2
 54 53.1 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082706.D
 Acq: 4 Nov 2015 17:45

Tgt Ion: 164 Resp: 408431
 Ion Ratio Lower Upper
 164 100
 162 102.5 84.9 127.3
 160 45.2 37.5 56.3

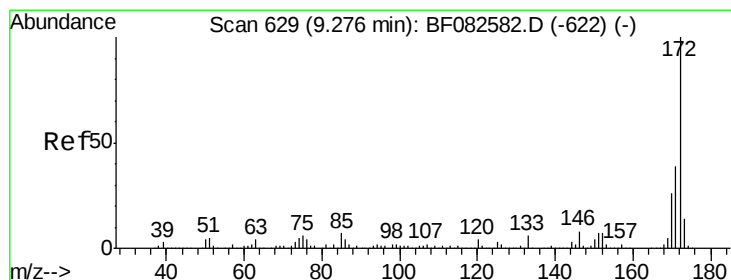
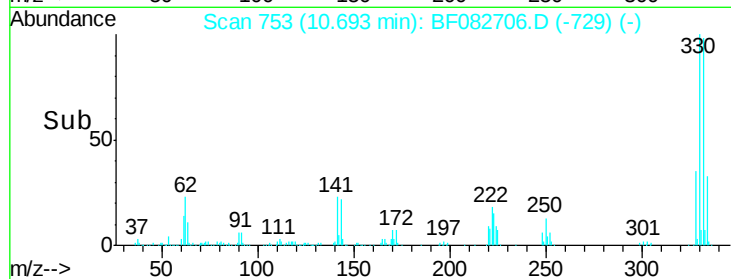
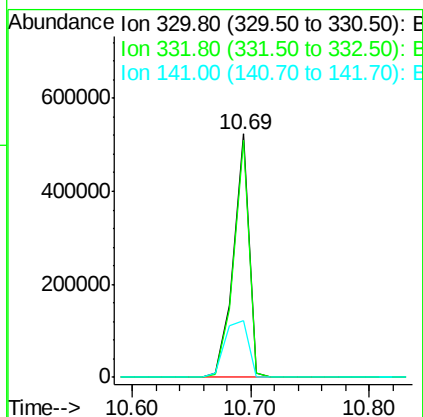
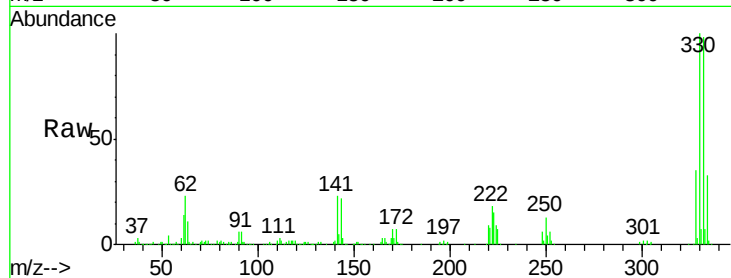




#41
 2,4,6-Tribromophenol
 Concen: 107.13 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082706.D
 Acq: 4 Nov 2015 17:45

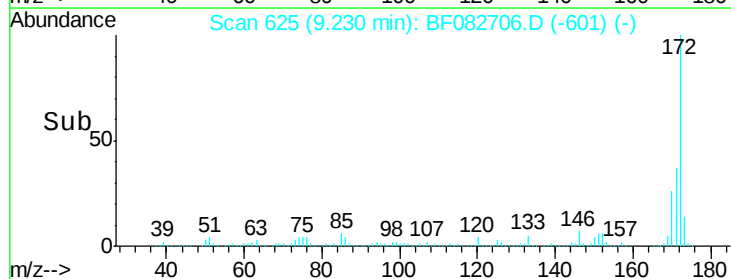
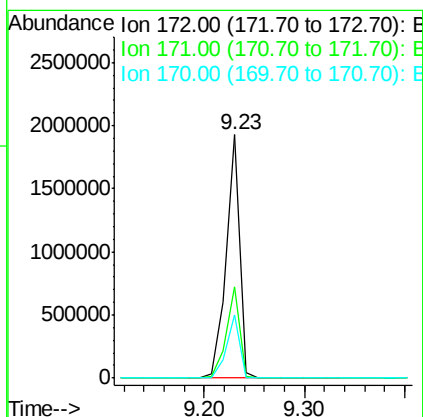
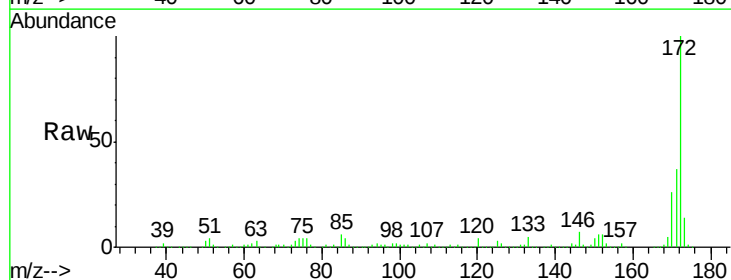
Instrument :
 BNA_F
 ClientSampleId :
 SB-03(18-20)

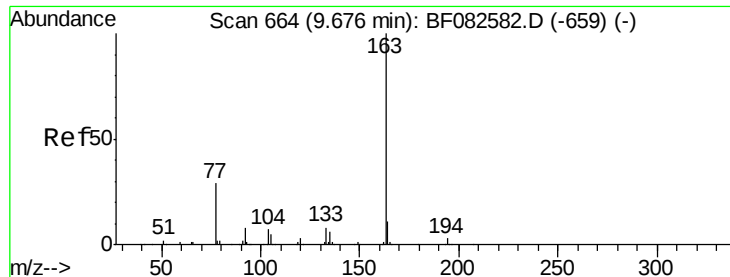
Tgt Ion:330 Resp: 478861
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 35.5 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 62.27 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082706.D
 Acq: 4 Nov 2015 17:45

Tgt Ion:172 Resp: 1791198
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.7 21.2 31.8





#49

Dimethylphthalate

Concen: 12.13 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082706.D

Acq: 4 Nov 2015 17:45

Instrument :

BNA_F

ClientSampleId :

SB-03(18-20)

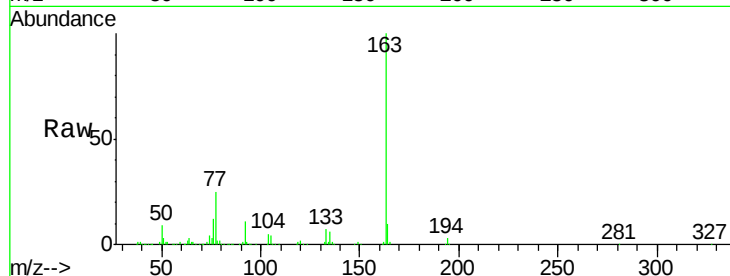
Tgt Ion:163 Resp: 404701

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

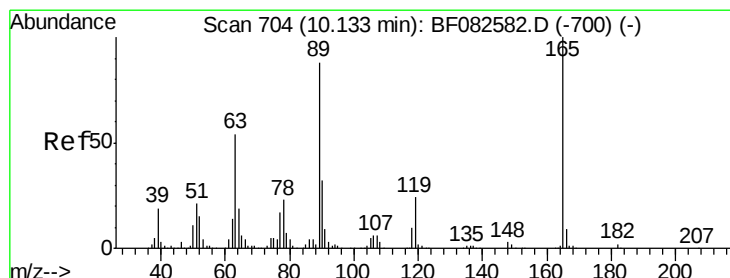
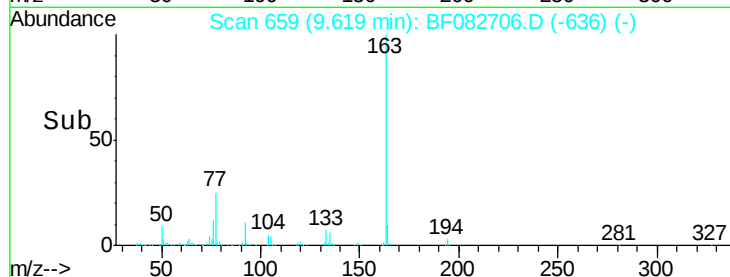
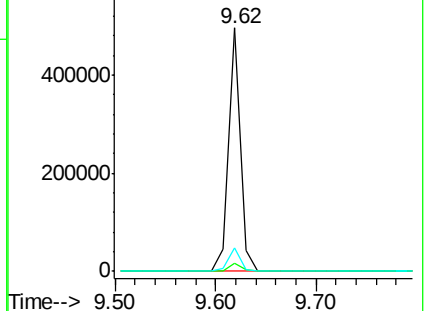
164 9.8 8.7 13.1



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



#56

2,4-Dinitrotoluene

Concen: 5.76 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082706.D

Acq: 4 Nov 2015 17:45

Tgt Ion:165 Resp: 53816

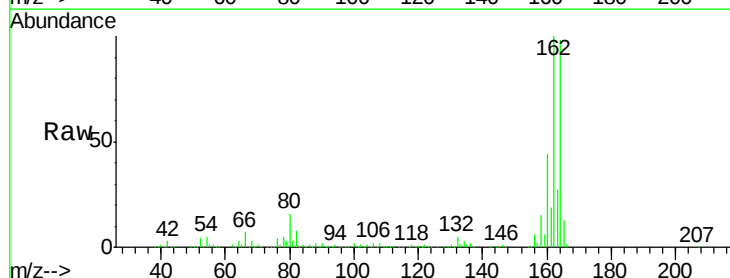
Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

89 1.5 70.6 106.0#

182 0.0 1.5 2.3#

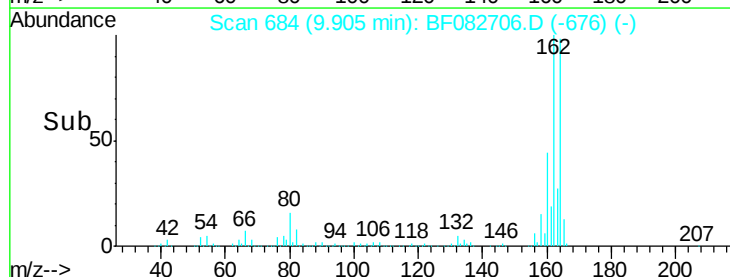
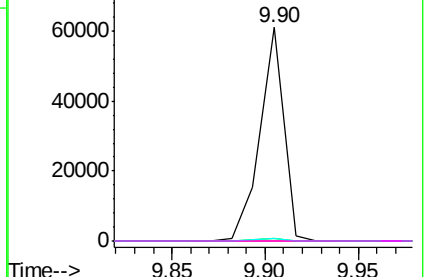


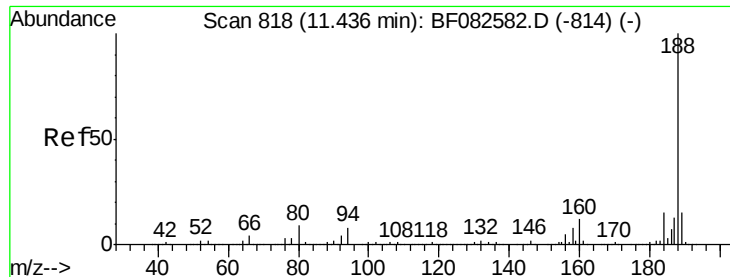
Abundance Ion 165.00 (164.70 to 165.70): E

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

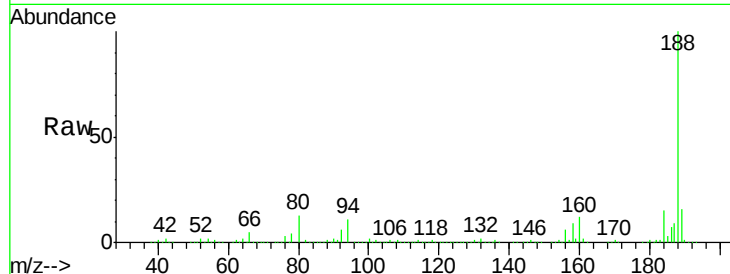




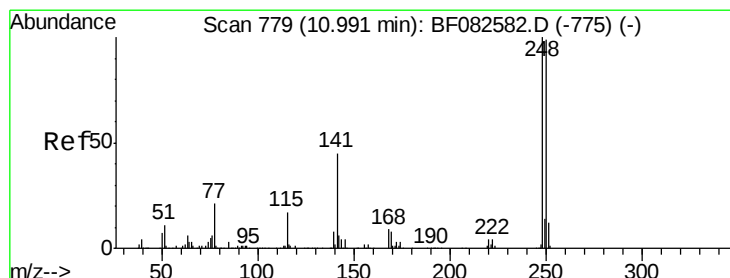
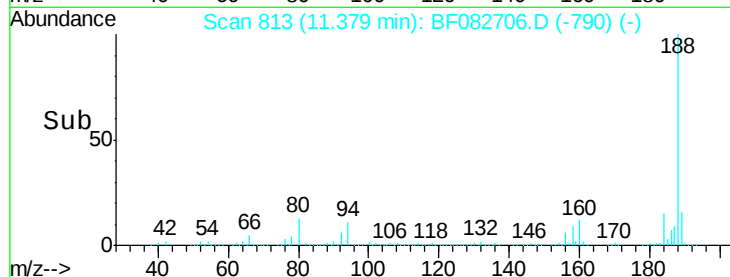
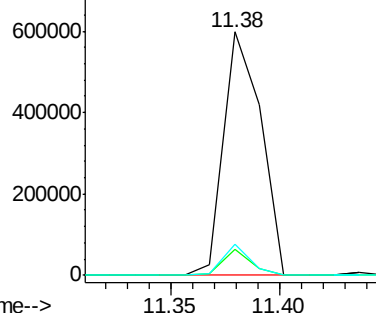
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082706.D
Acq: 4 Nov 2015 17:45

Instrument :
BNA_F
ClientSampleId :
SB-03(18-20)

Tgt Ion:188 Resp: 717894
Ion Ratio Lower Upper
188 100
94 10.9 6.1 9.1#
80 12.6 7.0 10.6#

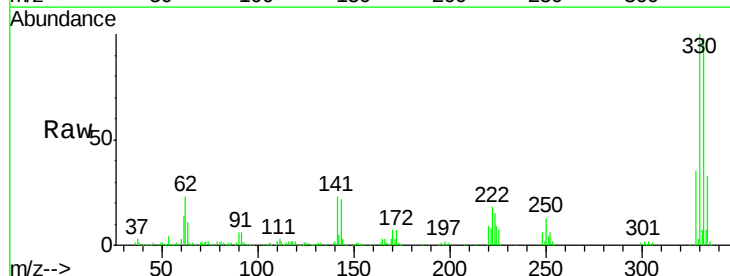


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

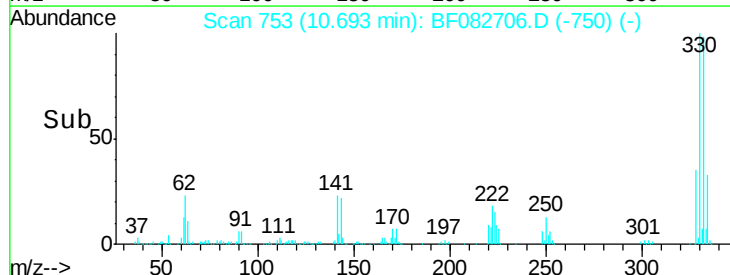
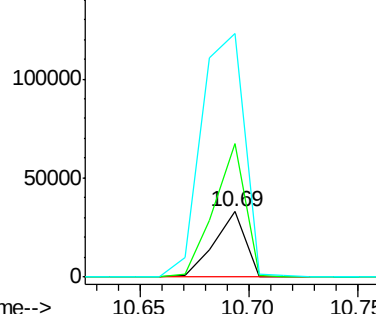


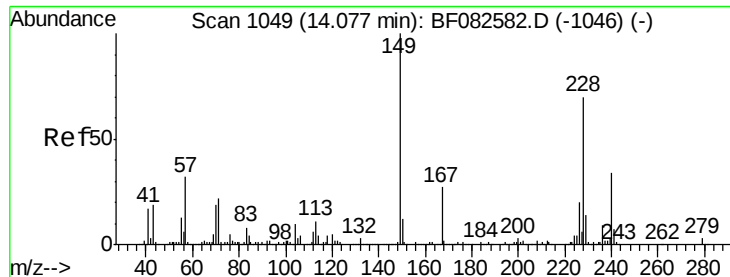
#66
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082706.D
Acq: 4 Nov 2015 17:45

Tgt Ion:248 Resp: 33148
Ion Ratio Lower Upper
248 100
250 203.7 79.4 119.2#
141 370.9 36.3 54.5#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082706.D

Acq: 4 Nov 2015 17:45

Instrument :

BNA_F

ClientSampleId :

SB-03(18-20)

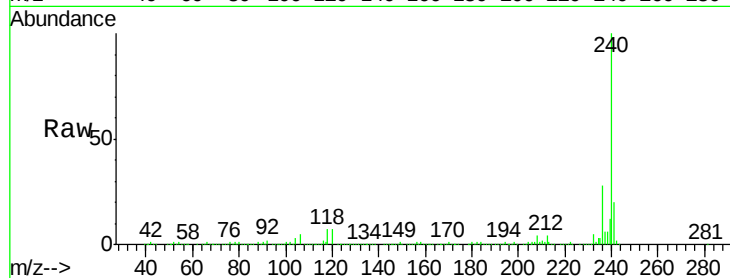
Tgt Ion:240 Resp: 710584

Ion Ratio Lower Upper

240 100

120 7.4 10.9 16.3#

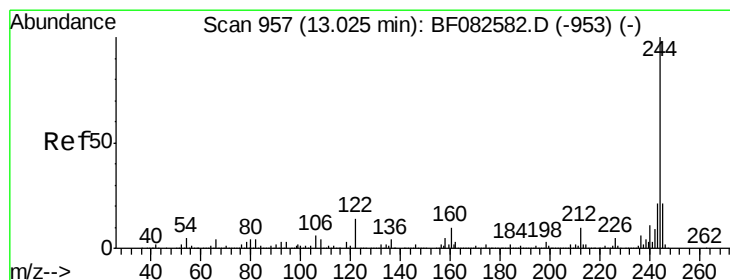
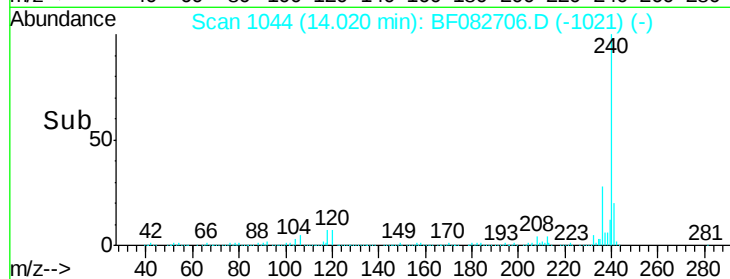
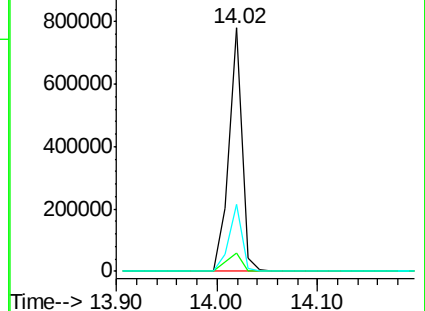
236 27.6 21.6 32.4



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: 54.17 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082706.D

Acq: 4 Nov 2015 17:45

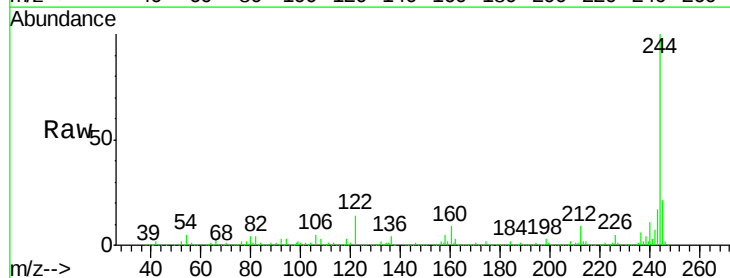
Tgt Ion:244 Resp: 1758984

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

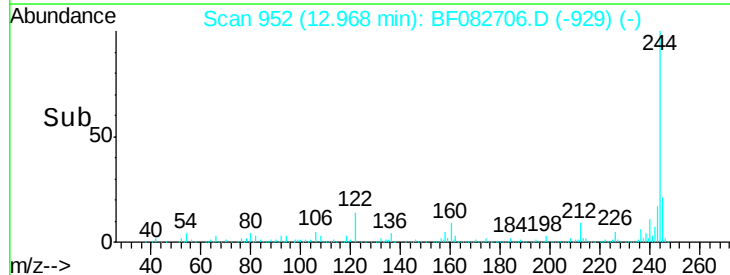
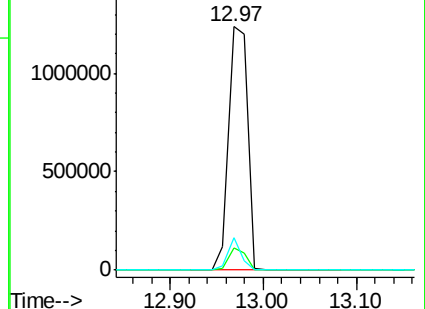
122 13.5 11.3 16.9

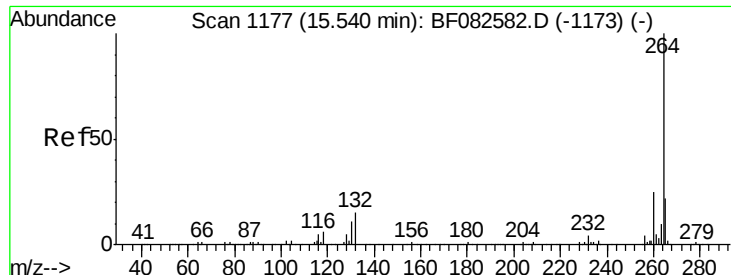


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082706.D
Acq: 4 Nov 2015 17:45

Instrument :
BNA_F
ClientSampleId :
SB-03(18-20)

Tgt Ion: 264 Resp: 527705
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.6
265 21.5 17.4 26.0

