

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082696.D
 Acq On : 4 Nov 2015 12:55
 Operator : UM/IZ
 Sample : PB86400BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BL

Quant Time: Nov 04 23:15:47 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

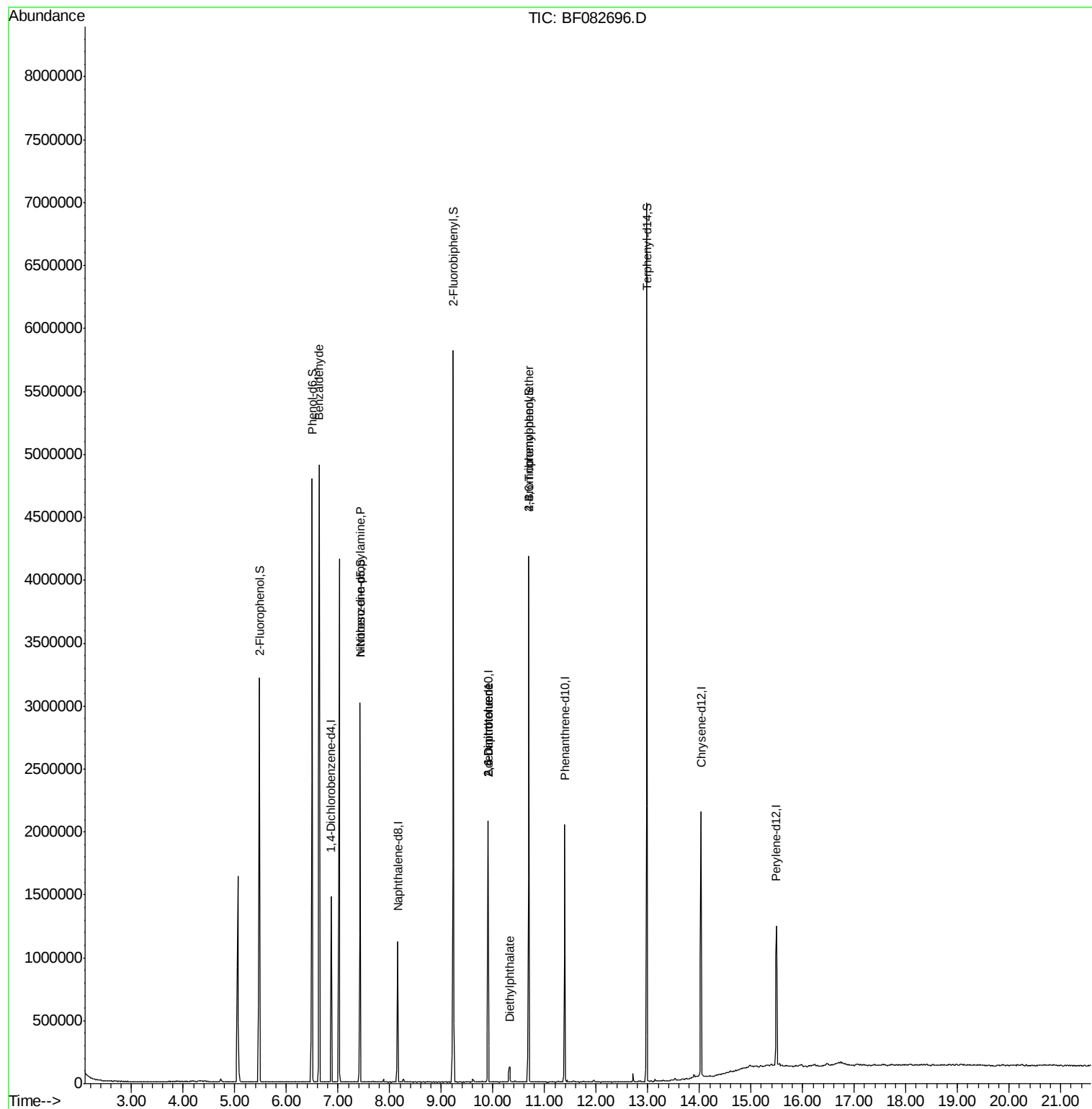
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	192489	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	724118	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	408664	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	859777	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	798120	20.00	ng	-0.02
86) Perylene-d12	15.49	264	601200	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1271823	99.51	ng	0.01
7) Phenol-d6	6.50	99	1713004	100.89	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1058640	59.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	463373	103.61	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1784821	62.01	ng	-0.02
78) Terphenyl-d14	12.98	244	2054269	56.33	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	38889	3.36	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.42	70	149663	11.63	ng	# 71
50) 2,6-Dinitrotoluene	9.90	165	52050	7.52	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	52054	5.56	ng	# 15
59) Diethylphthalate	10.33	149	102419	3.01	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	33659	3.45	ng	# 1

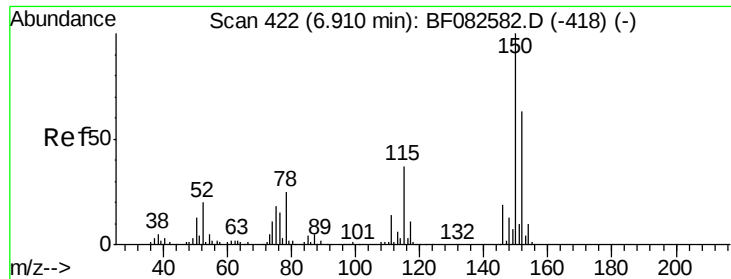
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082696.D

Acq: 4 Nov 2015 12:55

Instrument :

BNA_F

ClientSampleId :

PB86400BL

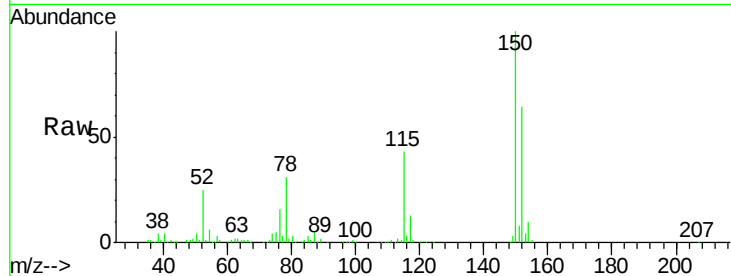
Tgt Ion:152 Resp: 192489

Ion Ratio Lower Upper

152 100

150 156.1 127.0 190.4

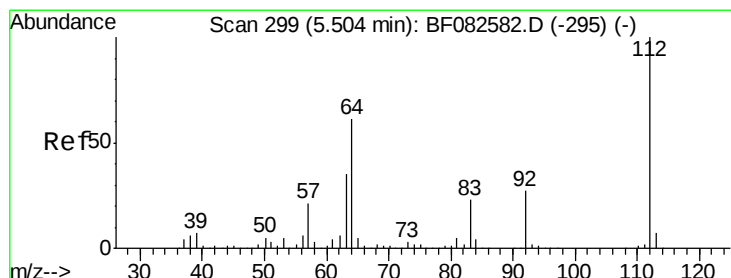
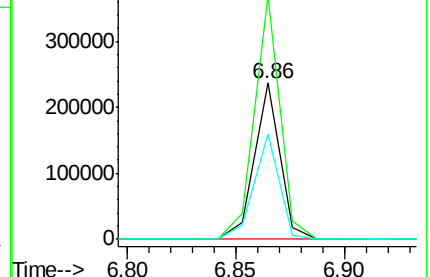
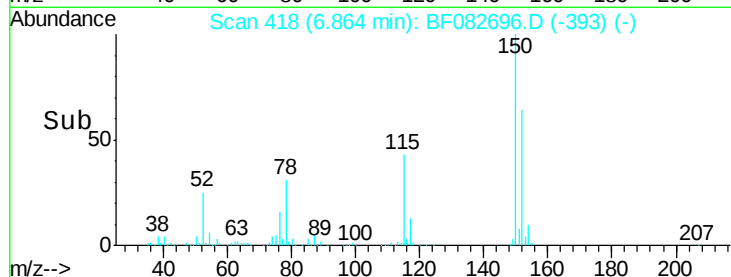
115 67.5 47.0 70.6



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: 99.51 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082696.D

Acq: 4 Nov 2015 12:55

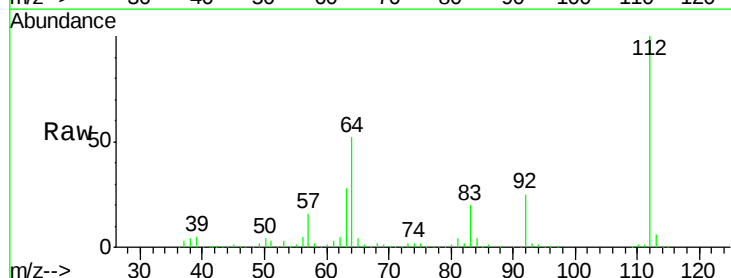
Tgt Ion:112 Resp: 1271823

Ion Ratio Lower Upper

112 100

64 51.9 48.9 73.3

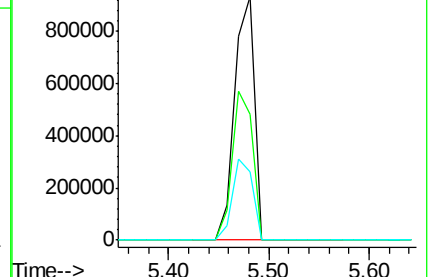
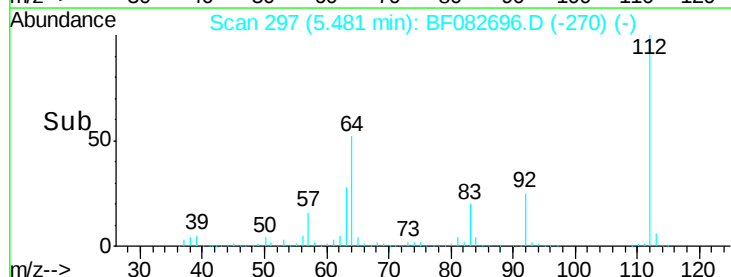
63 28.2 28.1 42.1

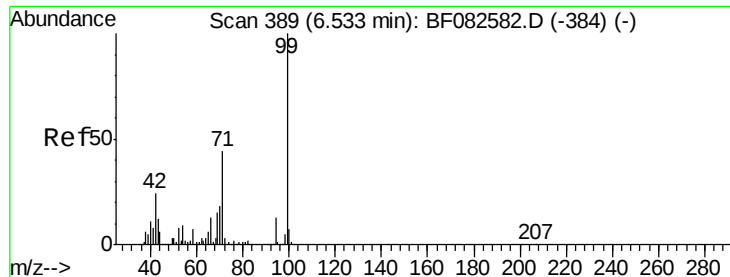


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.89 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082696.D

Acq: 4 Nov 2015 12:55

Instrument :

BNA_F

ClientSampleId :

PB86400BL

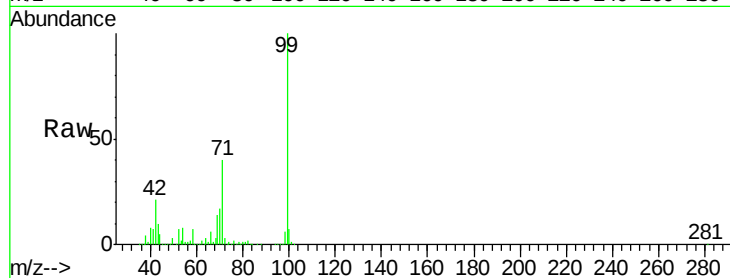
Tgt Ion: 99 Resp: 1713004

Ion Ratio Lower Upper

99 100

42 21.1 19.2 28.8

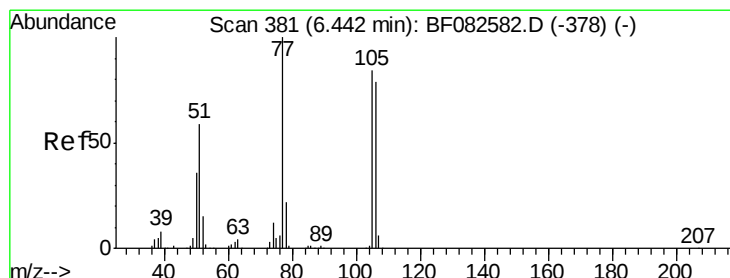
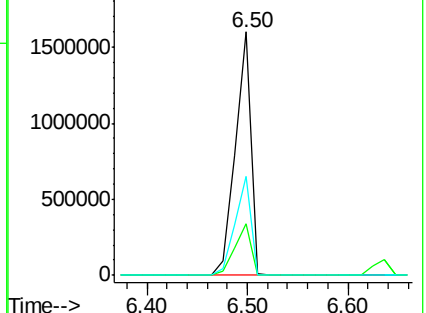
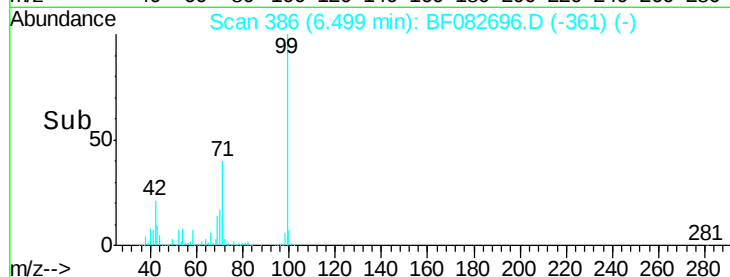
71 40.5 35.0 52.4



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: 3.36 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082696.D

Acq: 4 Nov 2015 12:55

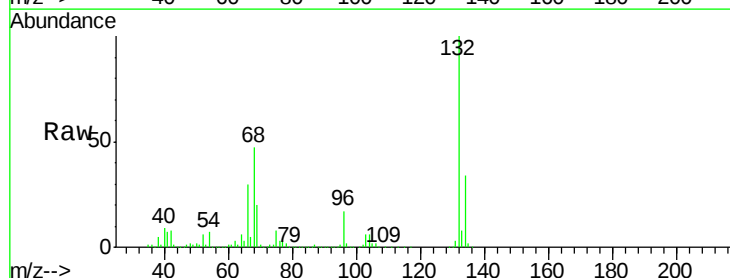
Tgt Ion: 77 Resp: 38889

Ion Ratio Lower Upper

77 100

105 73.6 63.5 103.5

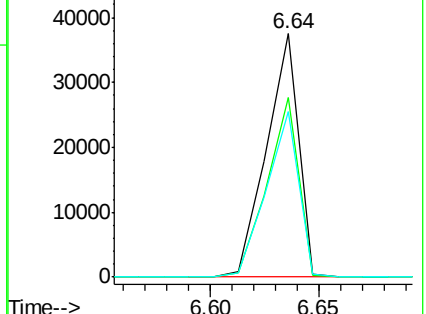
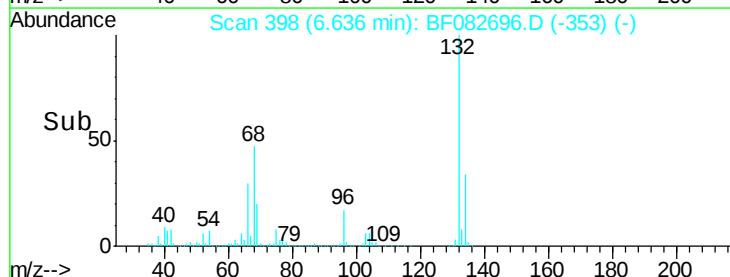
106 68.0 59.3 99.3

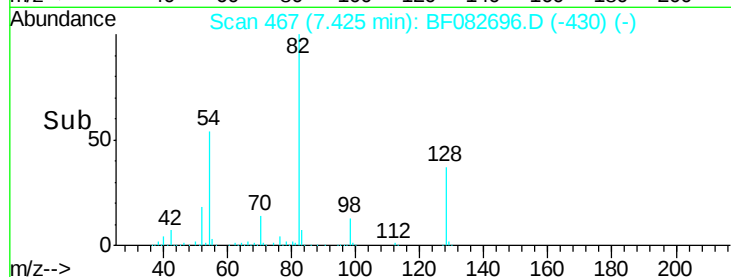
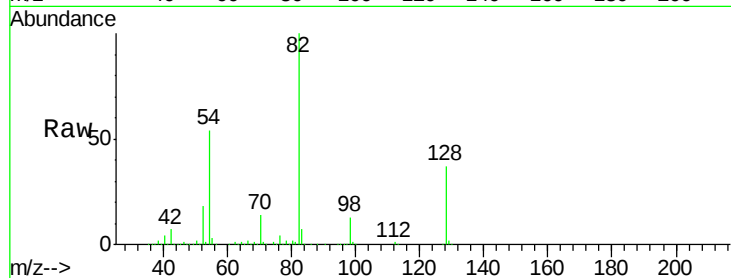
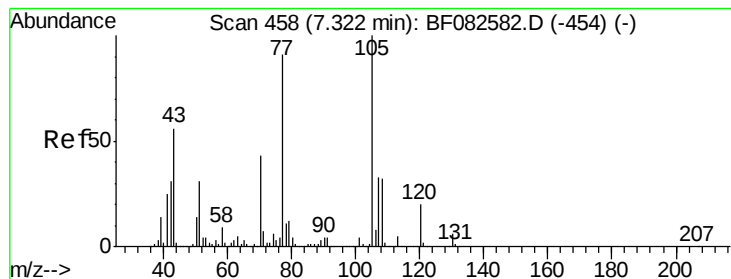


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 11.63 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082696.D

Acq: 4 Nov 2015 12:55

Instrument :

BNA_F

ClientSampleId :

PB86400BL

Tgt Ion: 70 Resp: 149663

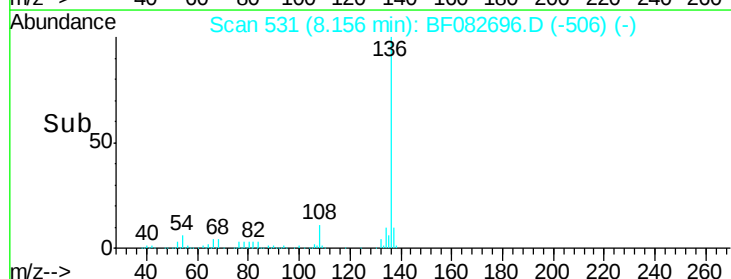
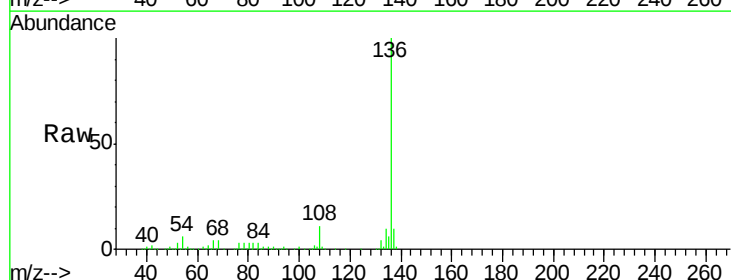
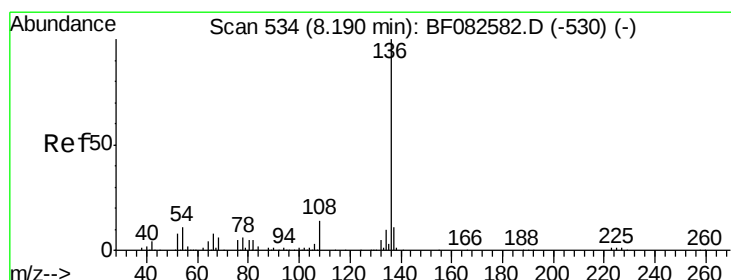
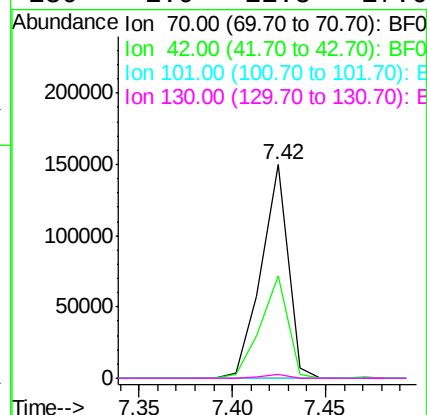
Ion Ratio Lower Upper

70 100

42 48.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF082696.D

Acq: 4 Nov 2015 12:55

Tgt Ion: 136 Resp: 724118

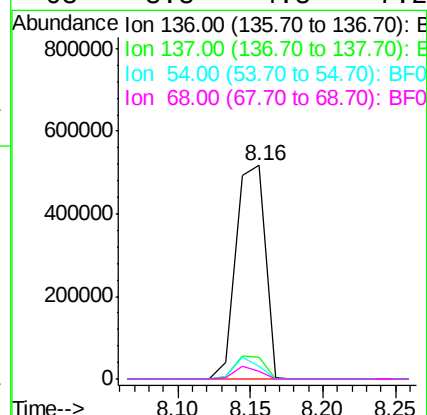
Ion Ratio Lower Upper

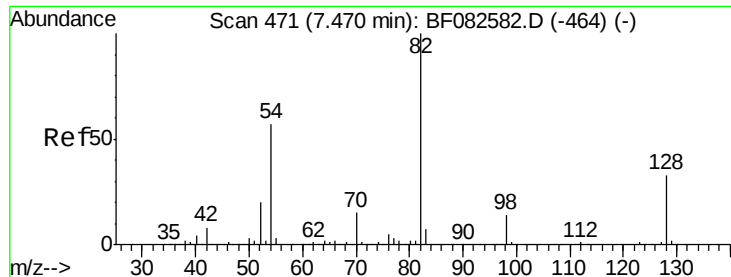
136 100

137 10.3 9.1 13.7

54 5.8 9.1 13.7#

68 3.8 4.8 7.2#

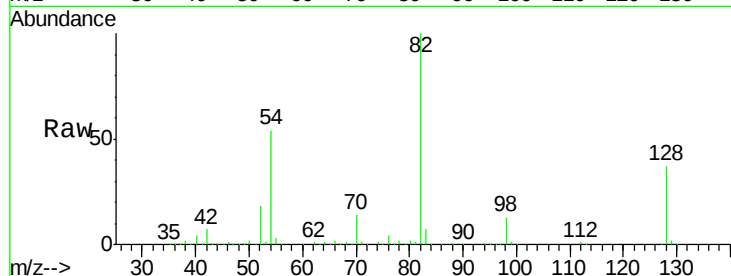




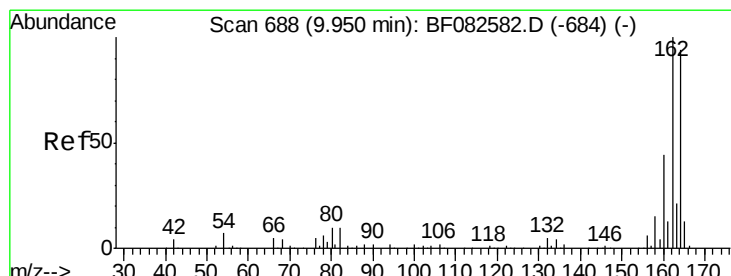
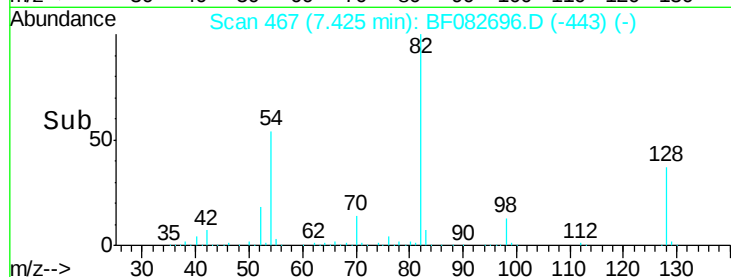
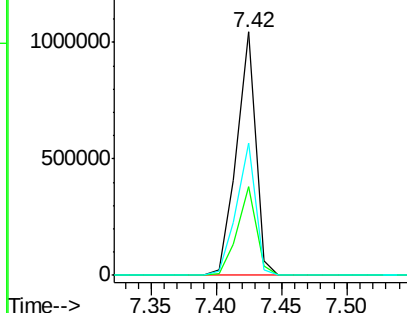
#23
 Nitrobenzene-d5
 Concen: 59.70 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082696.D
 Acq: 4 Nov 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BL

Tgt Ion: 82 Resp: 1058640
 Ion Ratio Lower Upper
 82 100
 128 36.6 26.8 40.2
 54 54.3 45.7 68.5

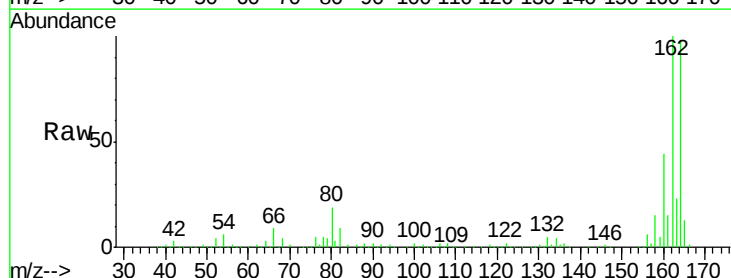


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

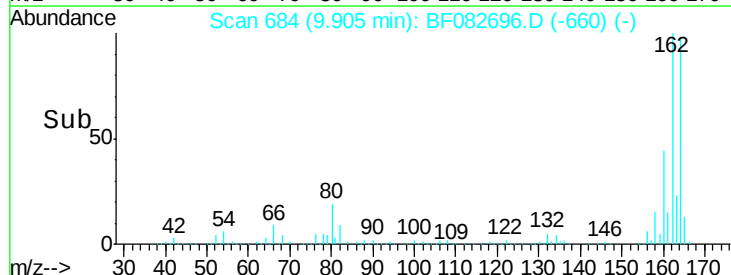
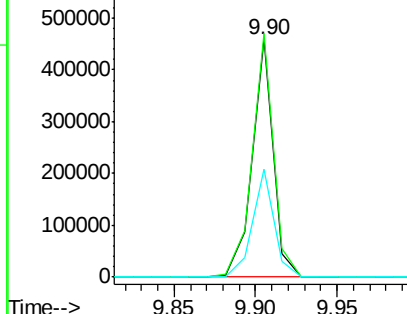


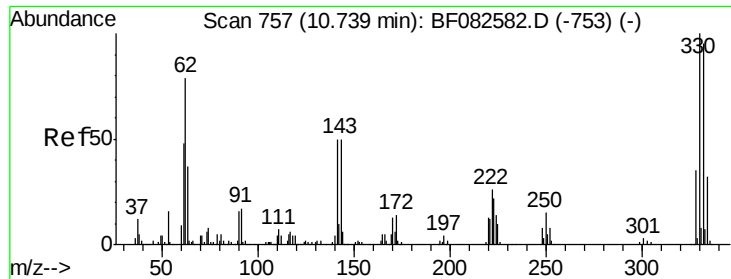
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082696.D
 Acq: 4 Nov 2015 12:55

Tgt Ion: 164 Resp: 408664
 Ion Ratio Lower Upper
 164 100
 162 102.2 84.9 127.3
 160 45.3 37.5 56.3



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

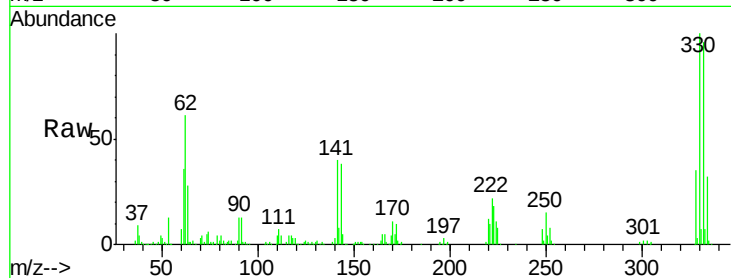




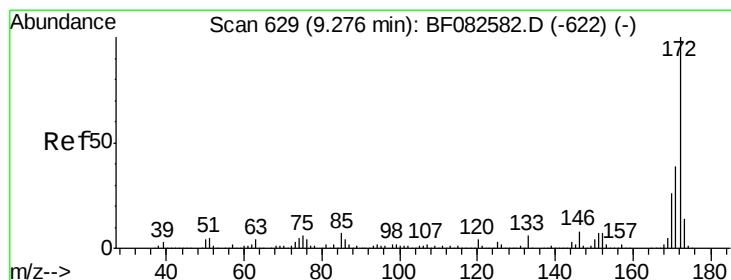
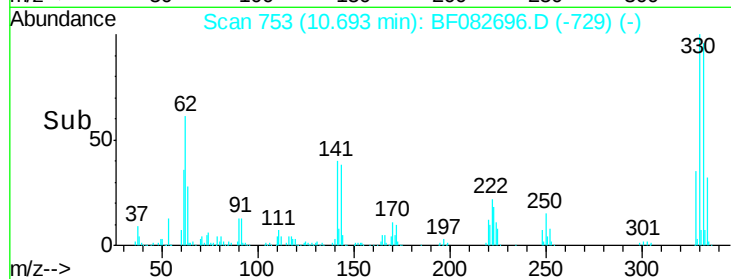
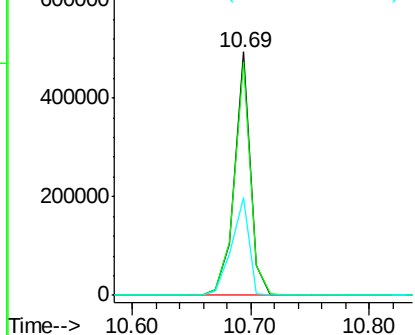
#41
 2,4,6-Tribromophenol
 Concen: 103.61 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082696.D
 Acq: 4 Nov 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BL

Tgt Ion:330 Resp: 463373
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 43.7 41.2 61.8

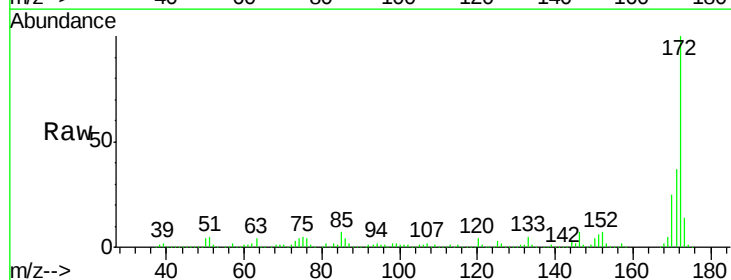


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

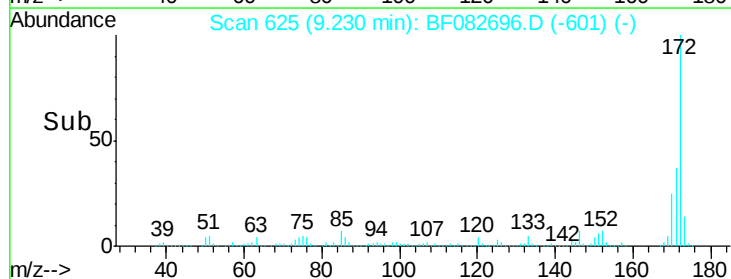
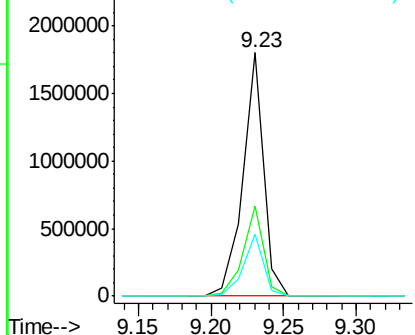


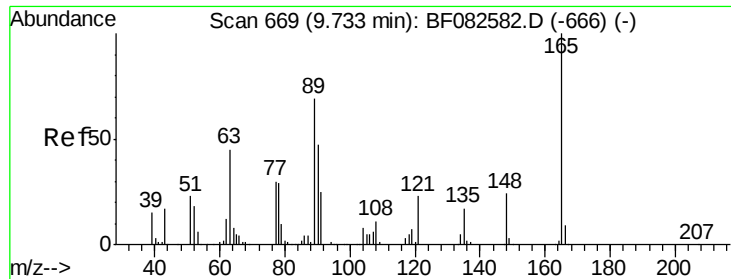
#44
 2-Fluorobiphenyl
 Concen: 62.01 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082696.D
 Acq: 4 Nov 2015 12:55

Tgt Ion:172 Resp: 1784821
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.3 21.2 31.8



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

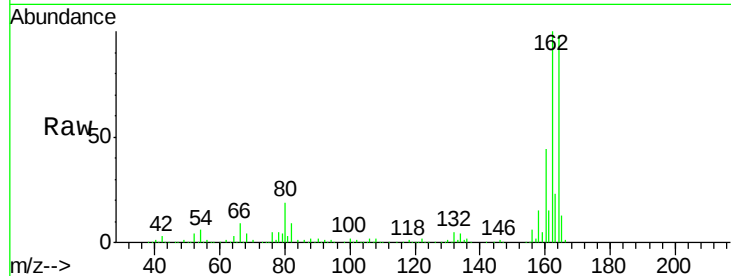




#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF082696.D
Acq: 4 Nov 2015 12:55

Instrument :
BNA_F
ClientSampleId :
PB86400BL

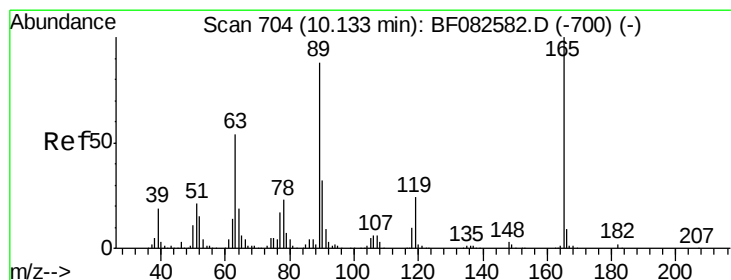
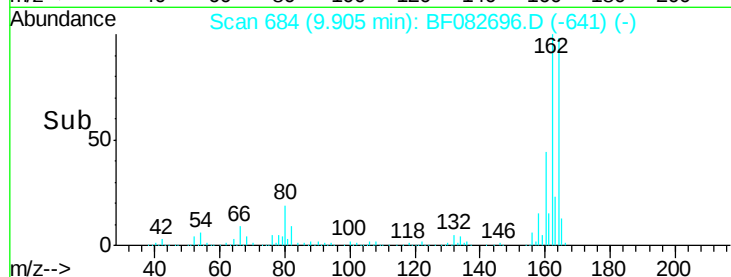
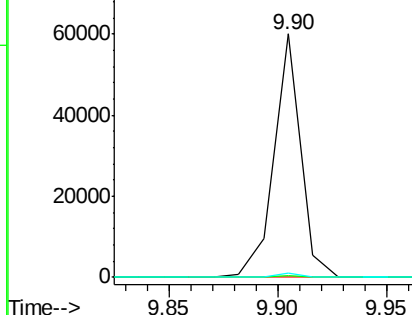
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	55.5	83.3#
89	1.6	55.0	82.6#



Abundance Ion 165.00 (164.70 to 165.70): E

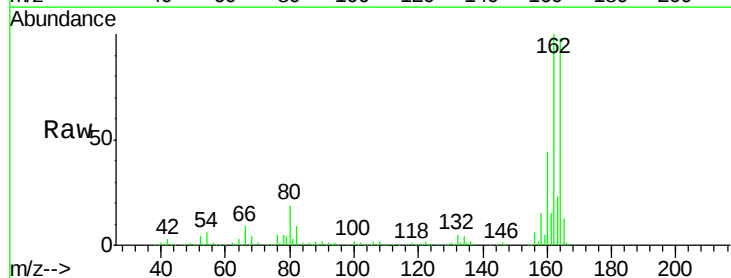
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082696.D
Acq: 4 Nov 2015 12:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#

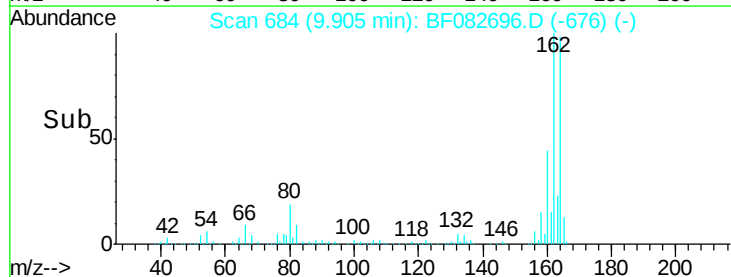
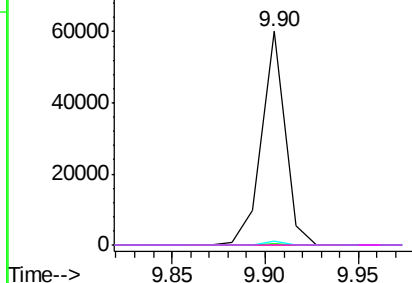


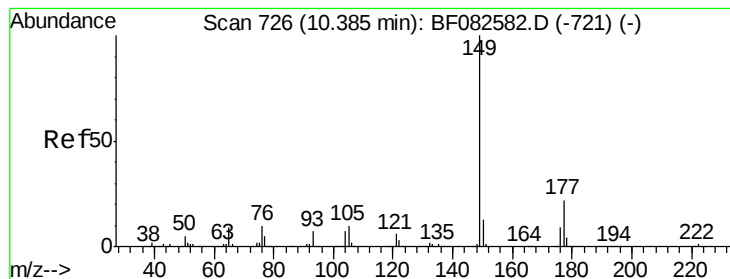
Abundance Ion 165.00 (164.70 to 165.70): E

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





#59

Diethylphthalate

Concen: 3.01 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082696.D

Acq: 4 Nov 2015 12:55

Instrument :

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ClientSampleId :

PB86400BL

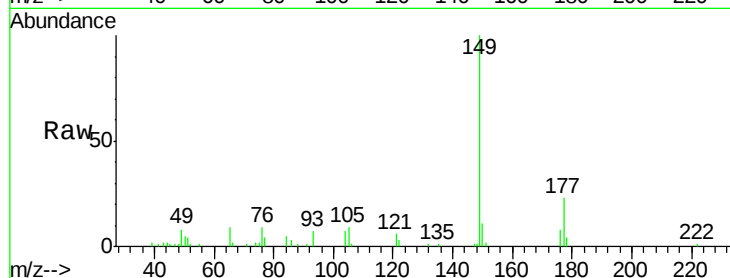
Tgt Ion:149 Resp: 102419

Ion Ratio Lower Upper

149 100

177 23.3 17.9 26.9

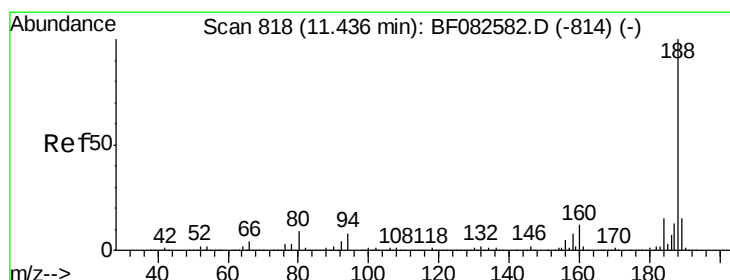
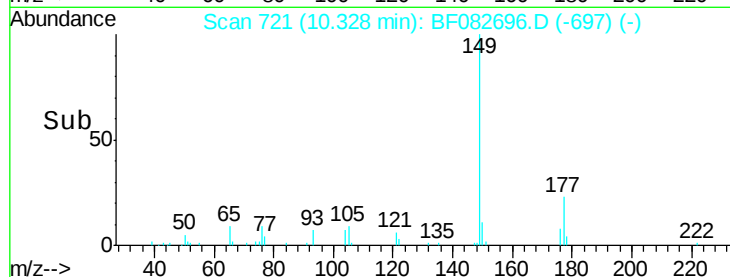
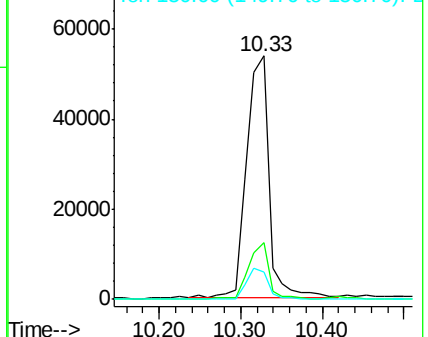
150 11.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF082696.D

Acq: 4 Nov 2015 12:55

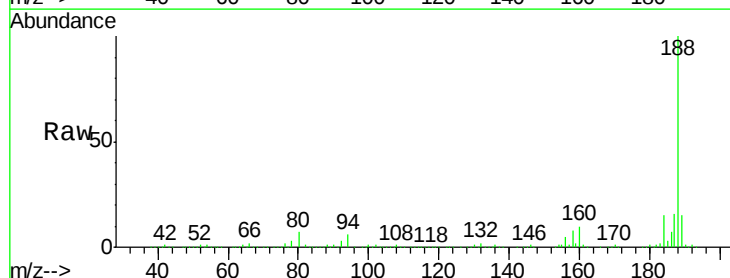
Tgt Ion:188 Resp: 859777

Ion Ratio Lower Upper

188 100

94 6.3 6.1 9.1

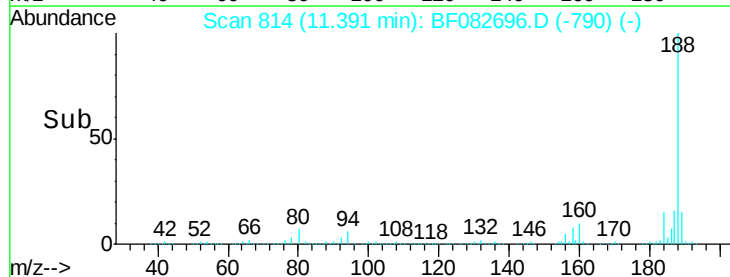
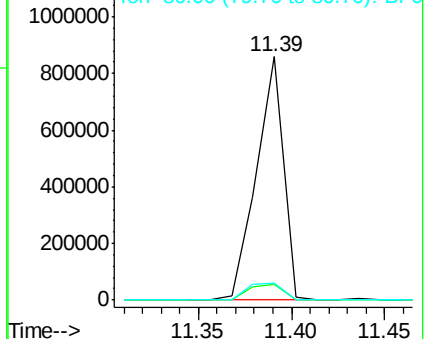
80 6.8 7.0 10.6#

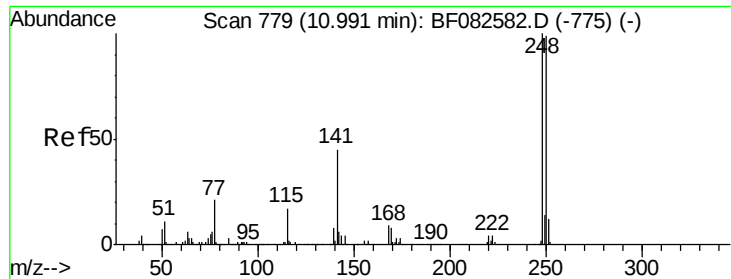


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

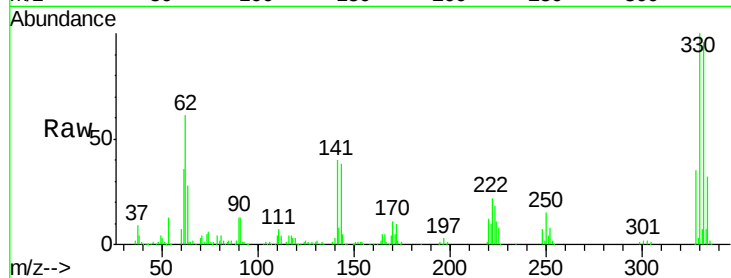




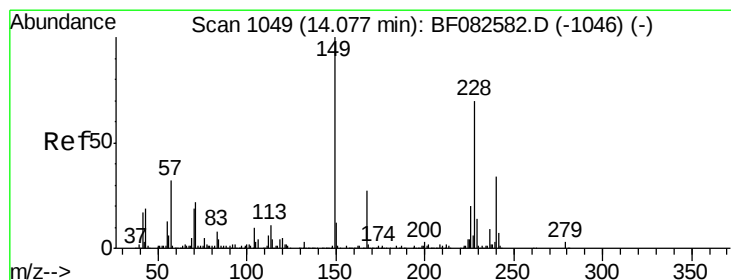
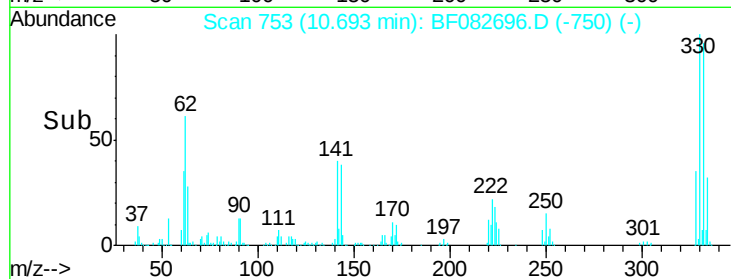
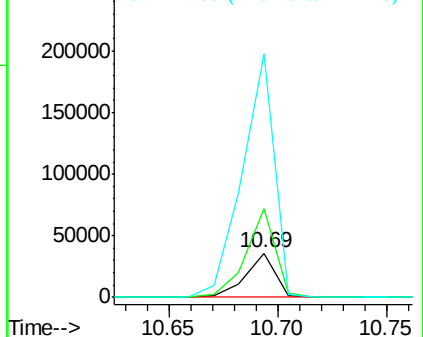
#66
 4-Bromophenyl-phenylether
 Concen: 3.45 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082696.D
 Acq: 4 Nov 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BL

Tgt Ion:248 Resp: 33659
 Ion Ratio Lower Upper
 248 100
 250 199.8 79.4 119.2#
 141 549.6 36.3 54.5#

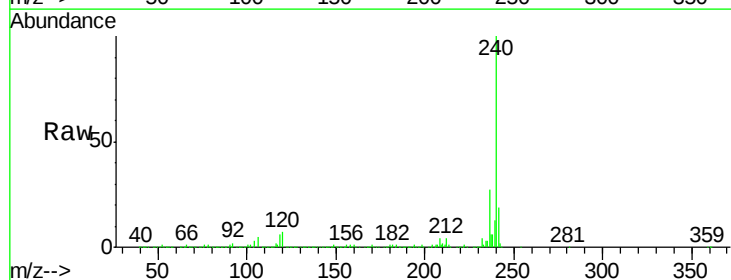


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

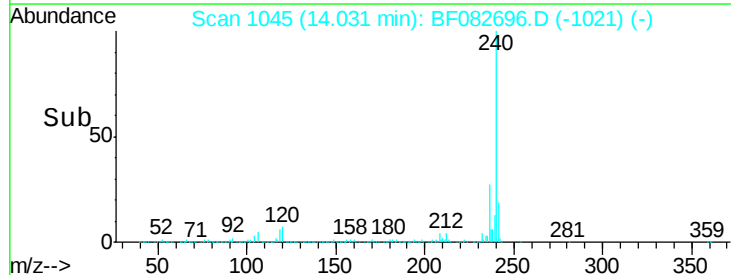
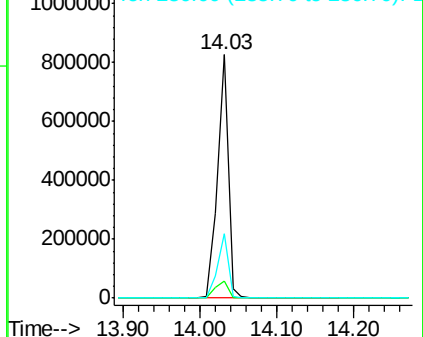


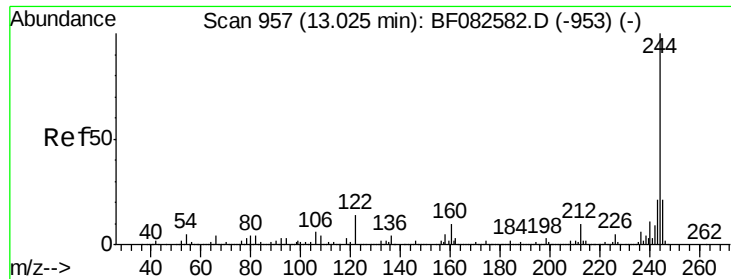
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF082696.D
 Acq: 4 Nov 2015 12:55

Tgt Ion:240 Resp: 798120
 Ion Ratio Lower Upper
 240 100
 120 6.8 10.9 16.3#
 236 26.6 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

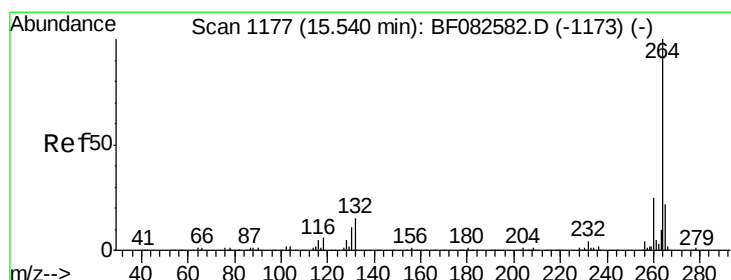
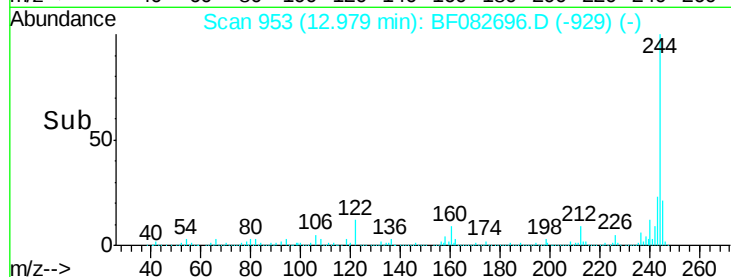
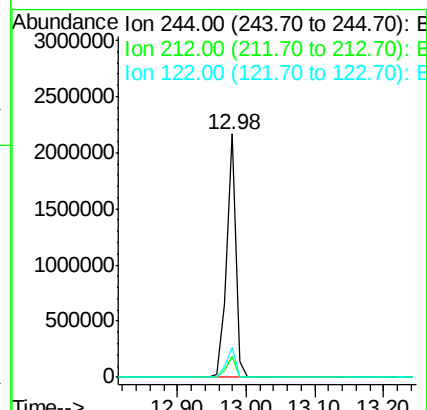
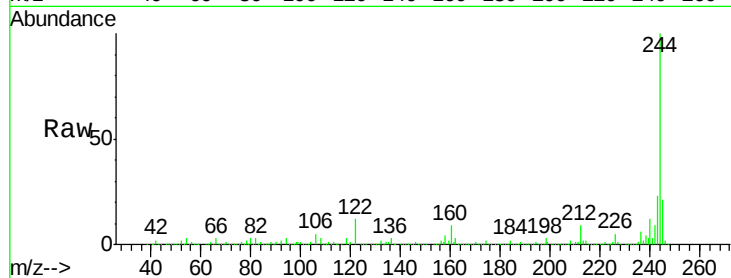




#78
 Terphenyl-d14
 Concen: 56.33 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082696.D
 Acq: 4 Nov 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BL

Tgt Ion:244 Resp: 2054269
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.6 11.4
 122 12.5 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF082696.D
 Acq: 4 Nov 2015 12:55

Tgt Ion:264 Resp: 601200
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 21.3 17.4 26.0

