

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087700.D
 Acq On : 5 Jun 2016 10:41
 Operator : UM/SJ
 Sample : H3312-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW1

Quant Time: Jun 06 01:19:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

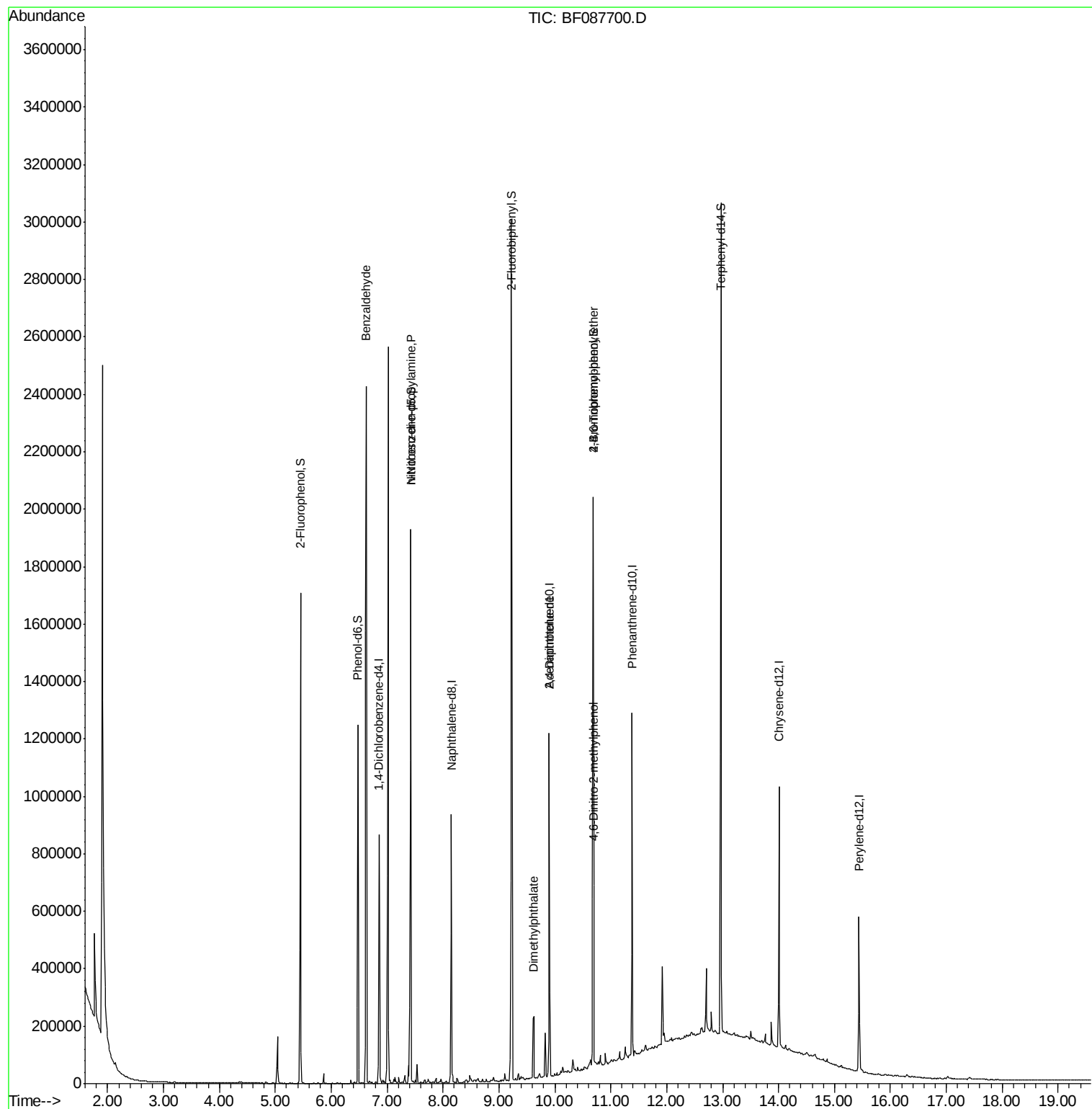
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123687	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	521697	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	233066	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	427421	20.00	ng	0.00
75) Chrysene-d12	14.01	240	287202	20.00	ng	-0.01
86) Perylene-d12	15.44	264	231323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	455090	59.47	ng	0.00
7) Phenol-d6	6.48	99	395946	41.26	ng	-0.01
23) Nitrobenzene-d5	7.43	82	784627	87.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	288847	123.46	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1283676	84.32	ng	-0.01
78) Terphenyl-d14	12.97	244	911867	77.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18548	2.86	ng	# 76
19) n-Nitroso-di-n-propylamine	7.43	70	104573	17.45	ng	# 73
49) Dimethylphthalate	9.62	163	140919	8.32	ng	98
56) 2,4-Dinitrotoluene	9.90	165	30376	6.19	ng	# 38
60) 4-Chlorophenyl-phenylether	10.63	204	585	Below Cal		# 58
64) 4,6-Dinitro-2-methylphenol	10.70	198	7240	4.93	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	16196	3.82	ng	# 1

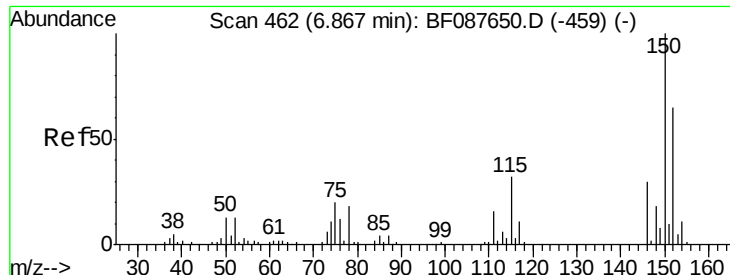
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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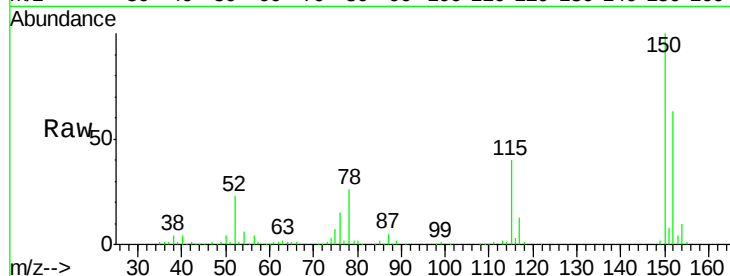


#1

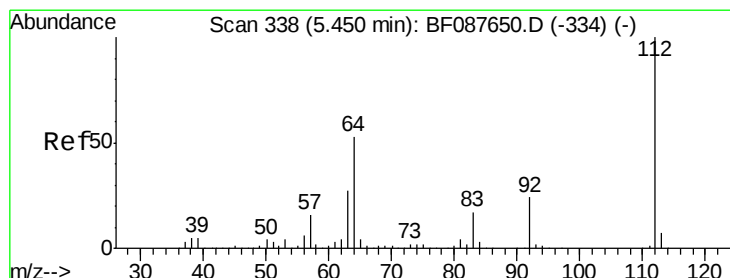
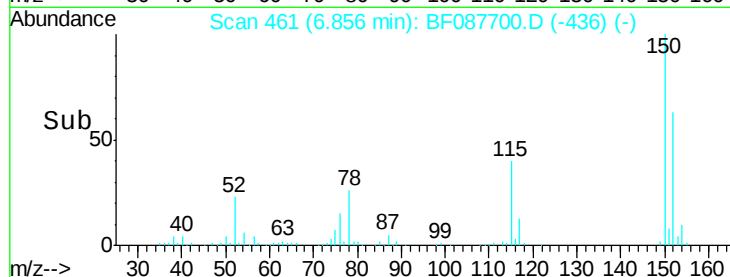
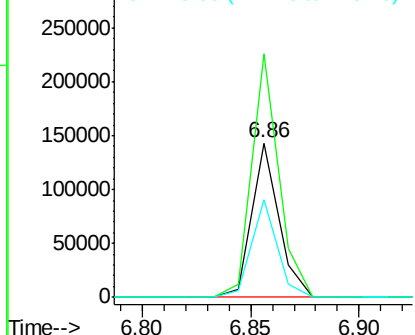
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SW1

Tgt Ion:152 Resp: 123687
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.8 185.6
 115 63.0 39.6 59.4#



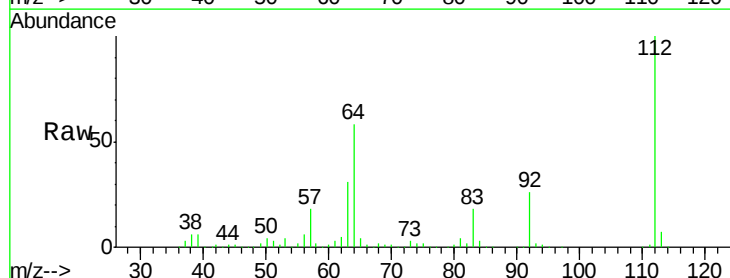
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



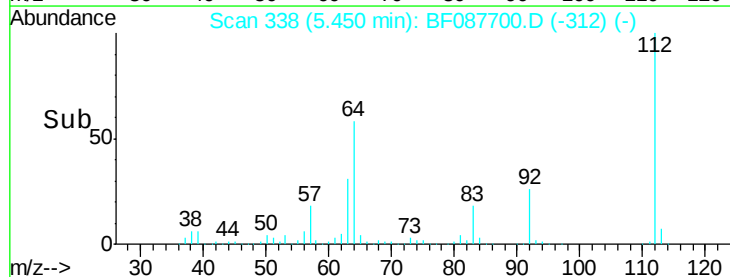
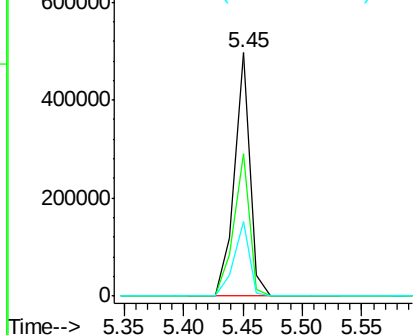
#5

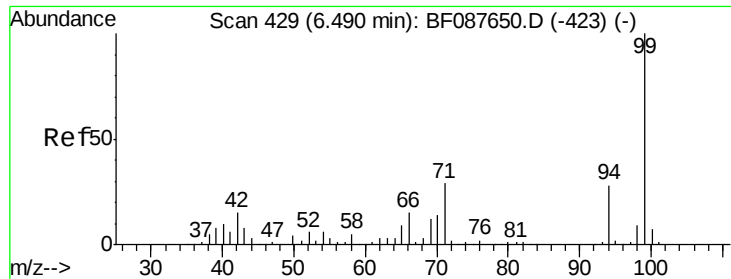
2-Fluorophenol
 Concen: 59.47 ng
 RT: 5.45 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Tgt Ion:112 Resp: 455090
 Ion Ratio Lower Upper
 112 100
 64 58.4 42.2 63.2
 63 30.5 21.8 32.8



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: 41.26 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087700.D

Acq: 5 Jun 2016 10:41

Instrument :

BNA_F

ClientSampleId :

SW1

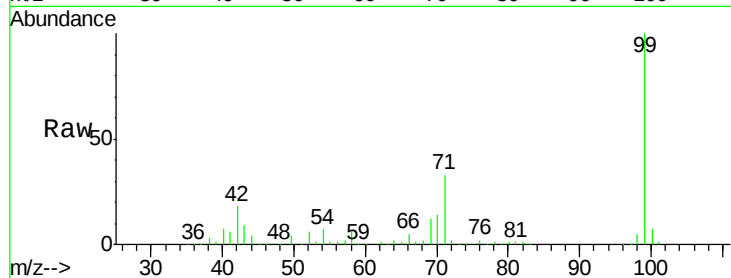
Tgt Ion: 99 Resp: 395946

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

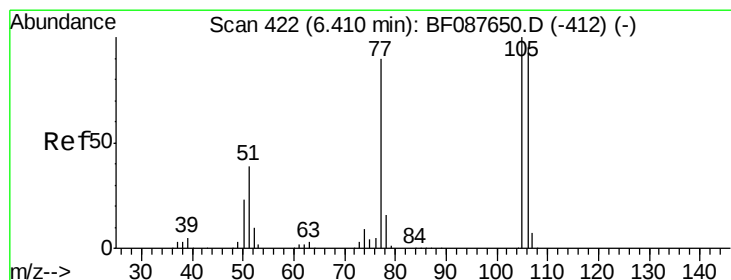
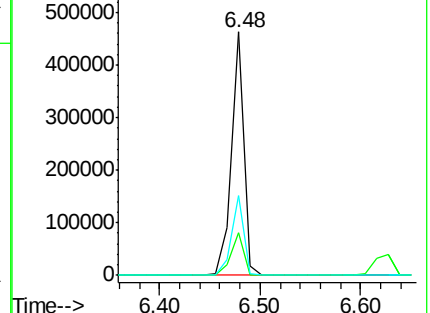
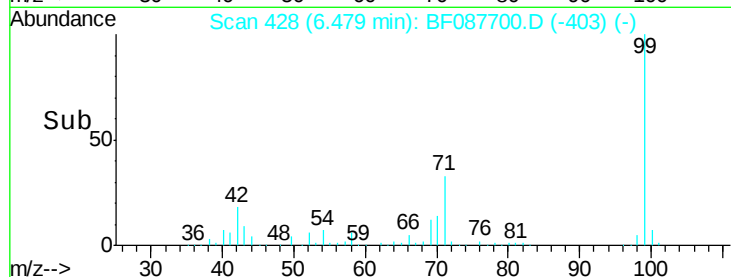
71 32.5 23.4 35.0



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: 2.86 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087700.D

Acq: 5 Jun 2016 10:41

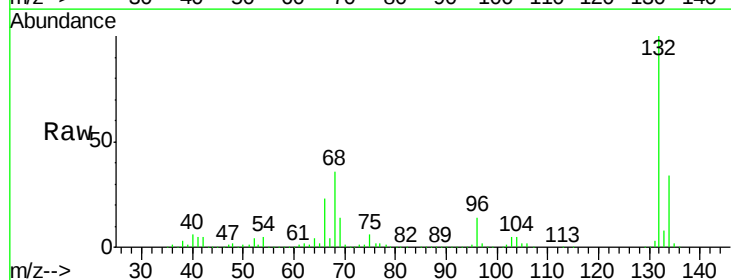
Tgt Ion: 77 Resp: 18548

Ion Ratio Lower Upper

77 100

105 88.2 90.6 130.6#

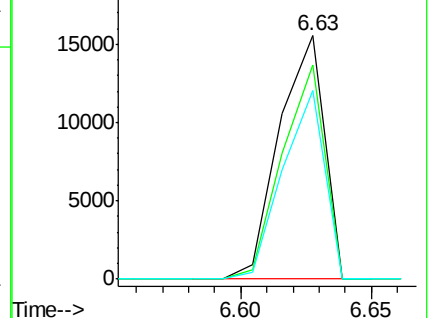
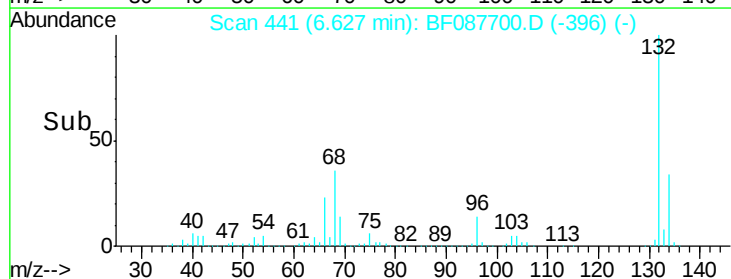
106 77.4 85.3 125.3#

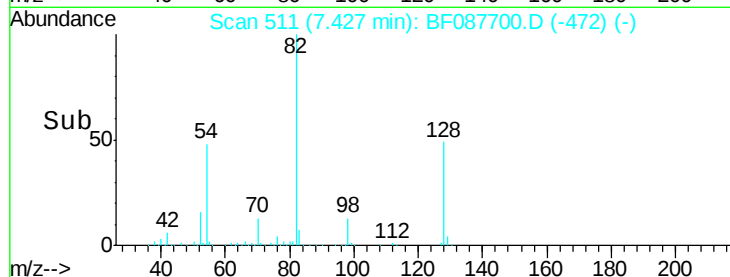
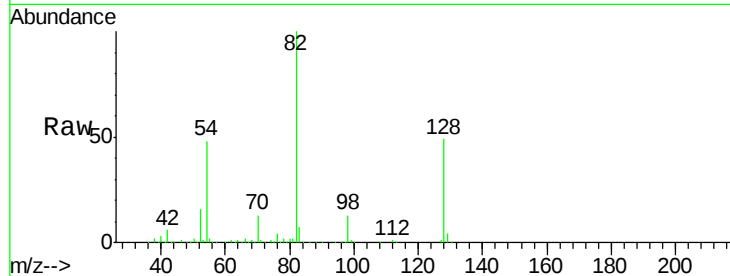
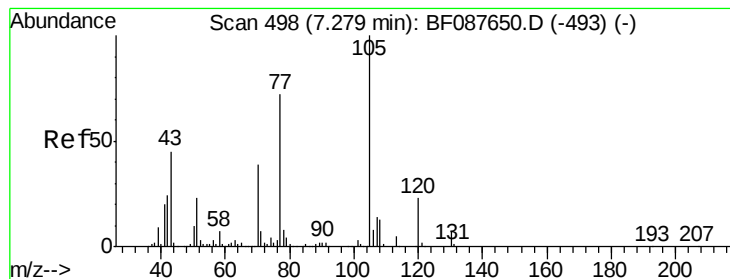


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.45 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087700.D

Acq: 5 Jun 2016 10:41

Instrument :

BNA_F

ClientSampleId :

SW1

Tgt Ion: 70 Resp: 104573

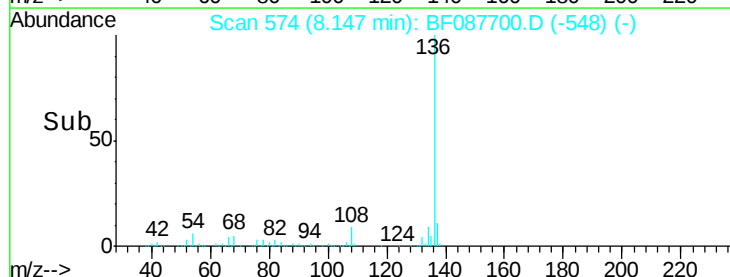
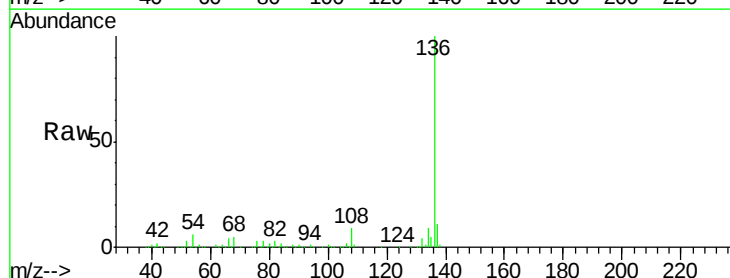
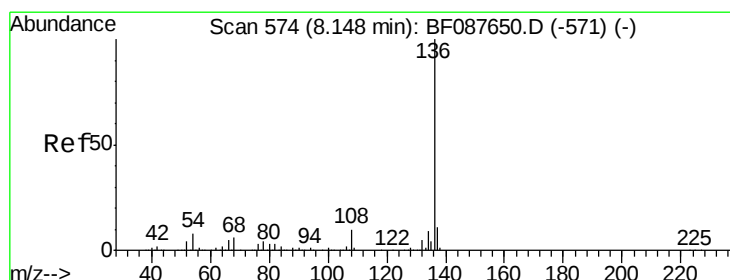
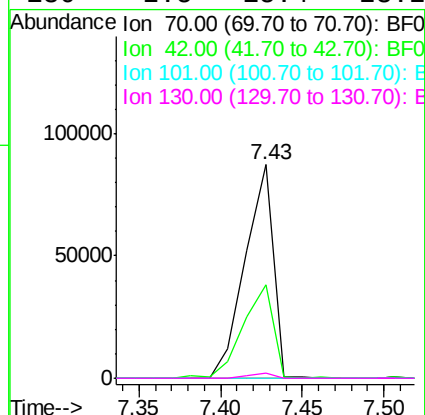
Ion Ratio Lower Upper

70 100

42 43.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087700.D

Acq: 5 Jun 2016 10:41

Tgt Ion: 136 Resp: 521697

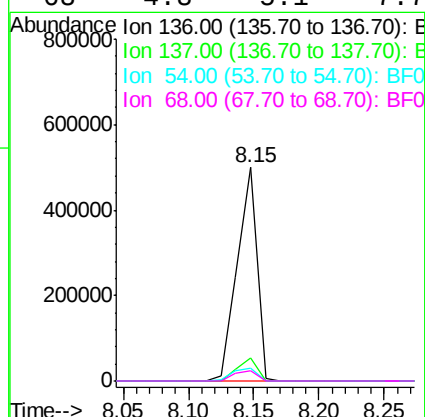
Ion Ratio Lower Upper

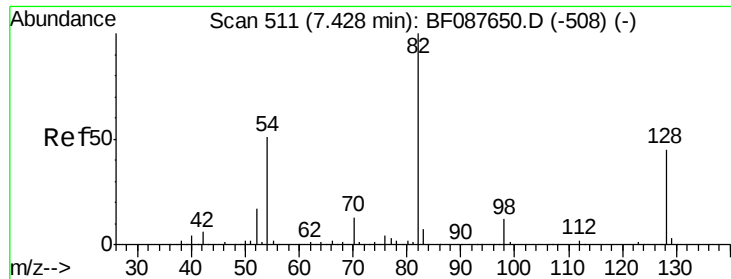
136 100

137 10.5 9.1 13.7

54 5.8 6.6 10.0#

68 4.8 5.1 7.7#

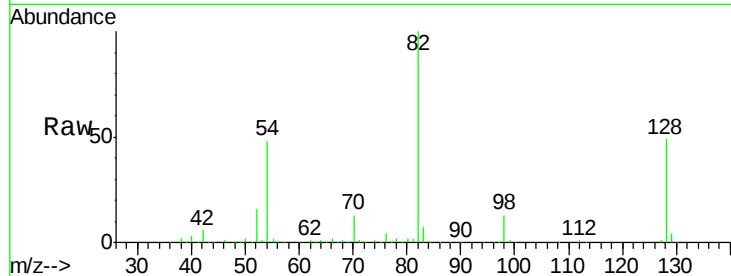




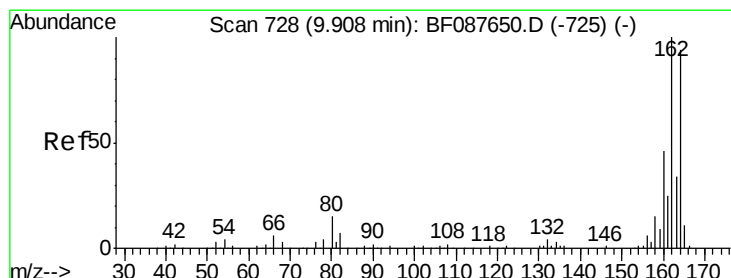
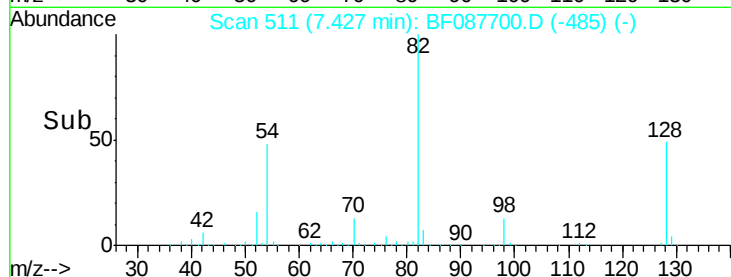
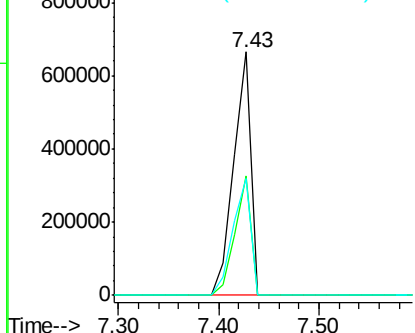
#23
 Nitrobenzene-d5
 Concen: 87.02 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Instrument :
 BNA_F
 ClientSampled :
 SW1

Tgt Ion: 82 Resp: 784627
 Ion Ratio Lower Upper
 82 100
 128 49.3 35.9 53.9
 54 47.8 40.9 61.3

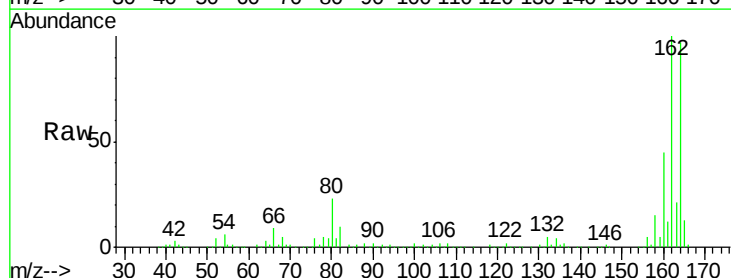


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

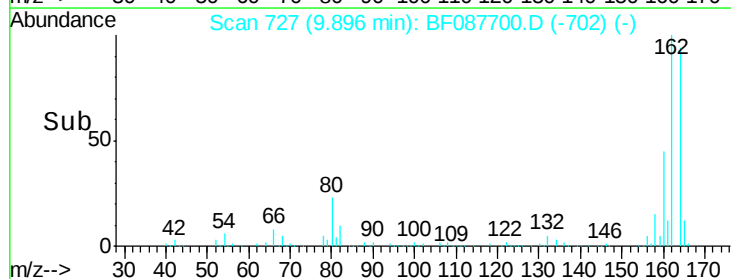
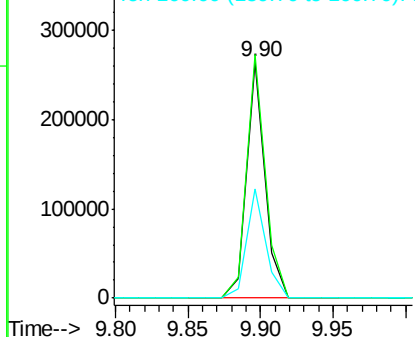


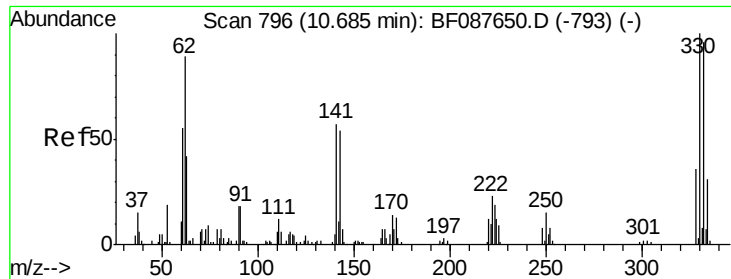
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Tgt Ion: 164 Resp: 233066
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.4 128.2
 160 46.4 39.5 59.3



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

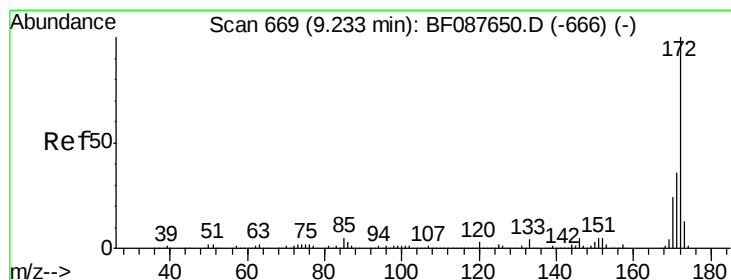
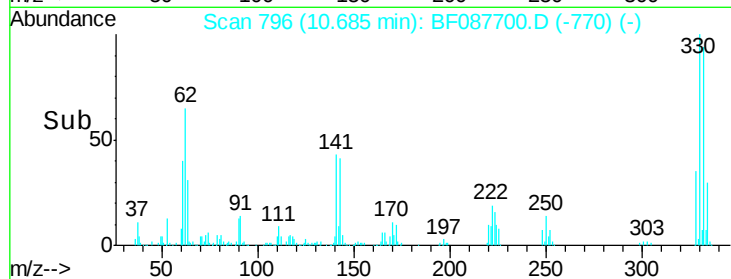
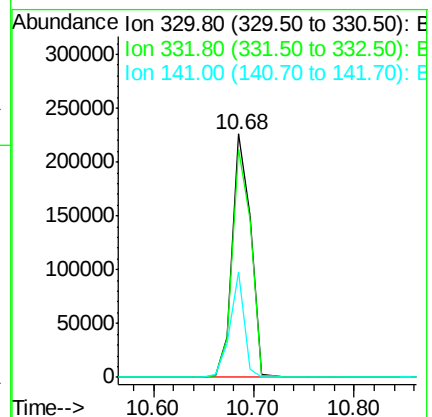
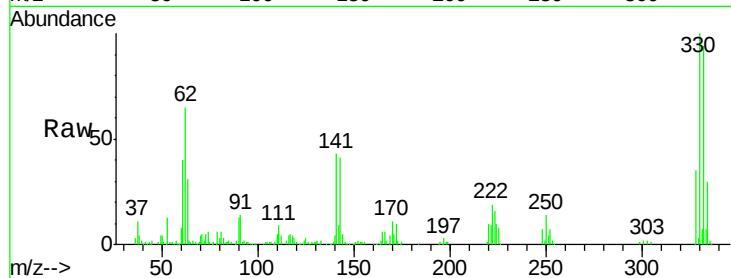




#41
 2,4,6-Tribromophenol
 Concen: 123.46 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

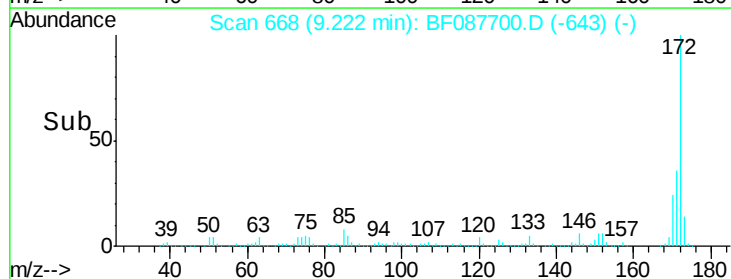
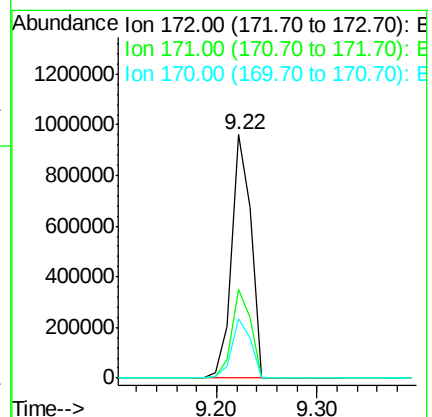
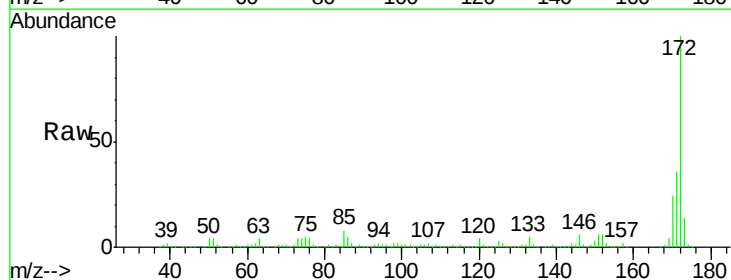
Instrument :
 BNA_F
 ClientSampleId :
 SW1

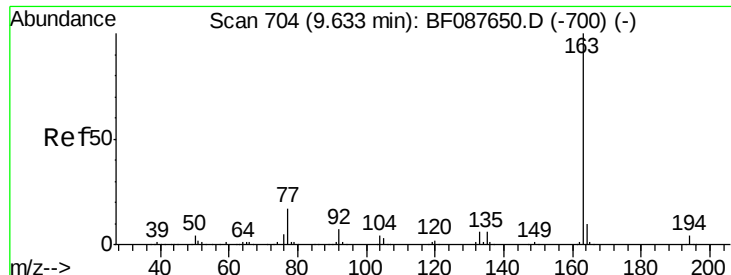
Tgt Ion:330 Resp: 288847
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 34.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.32 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Tgt Ion:172 Resp: 1283676
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.4 19.2 28.8

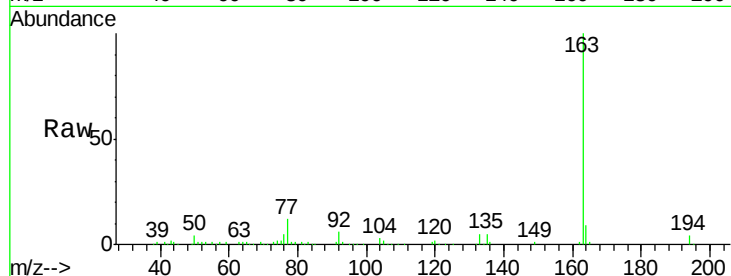




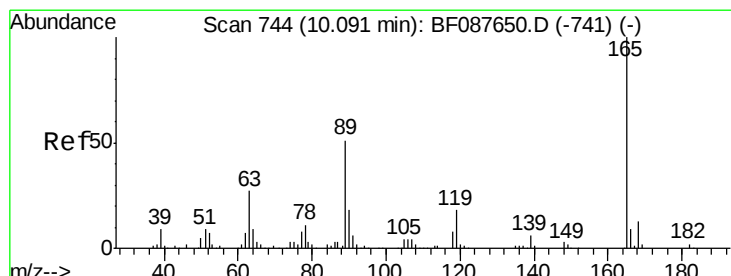
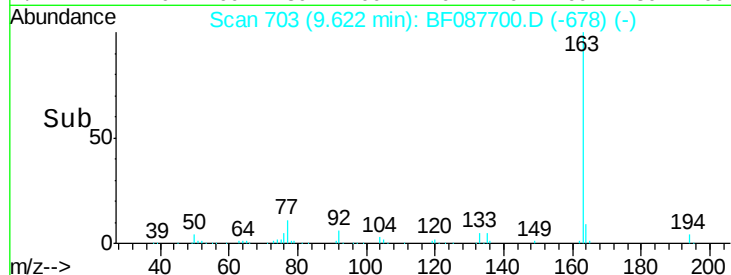
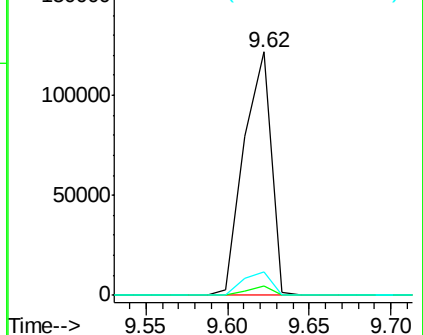
#49
Dimethylphthalate
Concen: 8.32 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087700.D
Acq: 5 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion:163 Resp: 140919
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.4 8.3 12.5

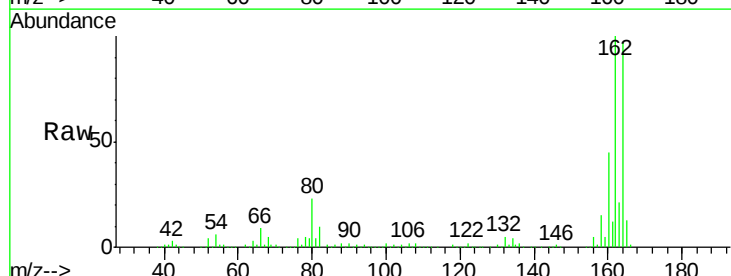


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

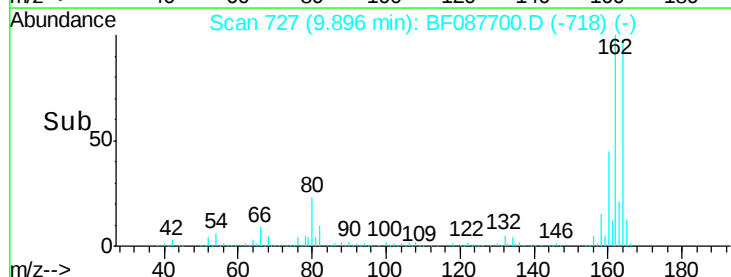
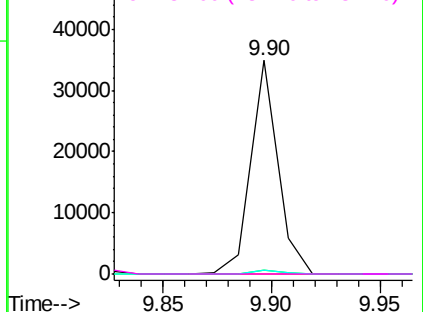


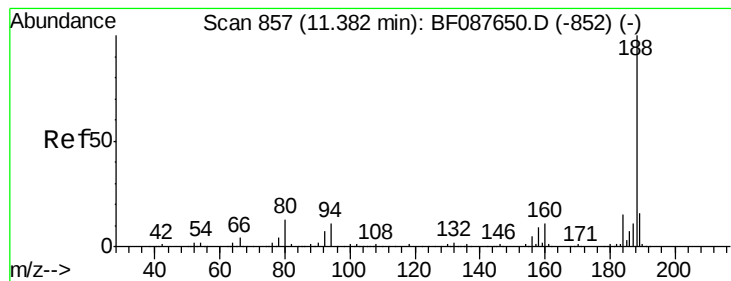
#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087700.D
Acq: 5 Jun 2016 10:41

Tgt Ion:165 Resp: 30376
Ion Ratio Lower Upper
165 100
63 1.7 22.0 33.0#
89 1.9 41.1 61.7#
182 0.0 2.0 3.0#



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# 857

Delta R.T. -0.00 min

Lab File: BF087700.D

Acq: 5 Jun 2016 10:41

Instrument :

BNA_F

ClientSampleId :

SW1

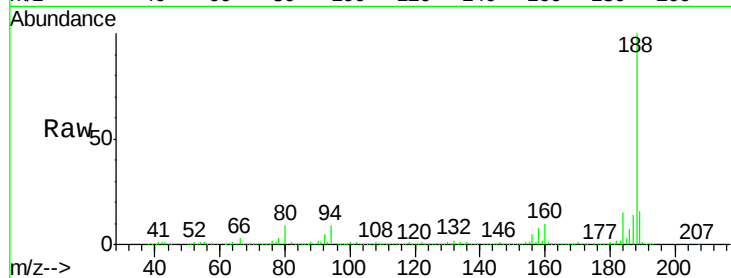
Tgt Ion:188 Resp: 427421

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.6

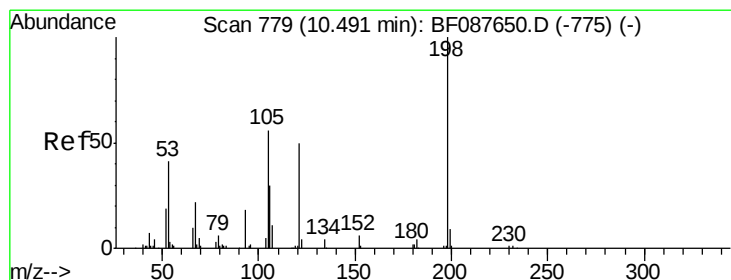
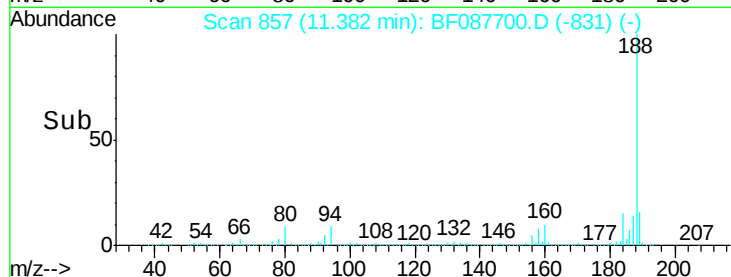
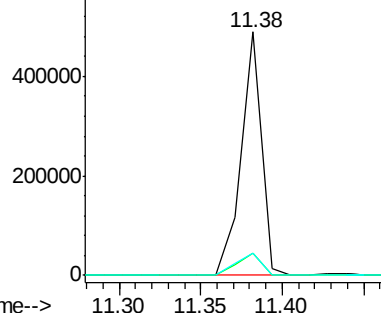
80 9.3 10.0 15.0#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.93 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.21 min

Lab File: BF087700.D

Acq: 5 Jun 2016 10:41

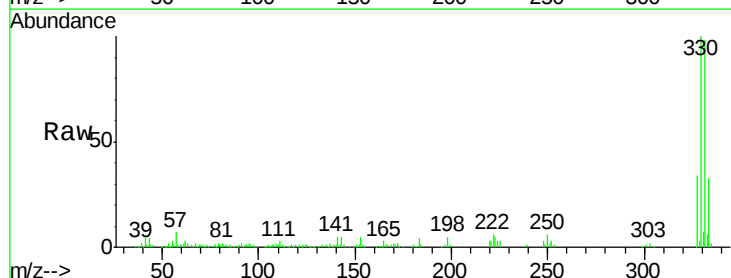
Tgt Ion:198 Resp: 7240

Ion Ratio Lower Upper

198 100

51 9.9 39.6 79.6#

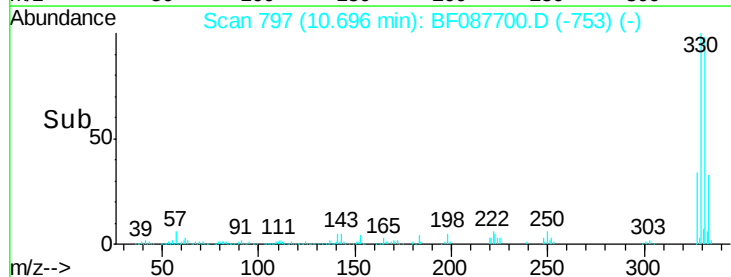
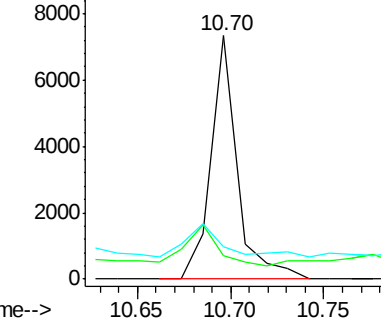
105 13.1 36.6 76.6#

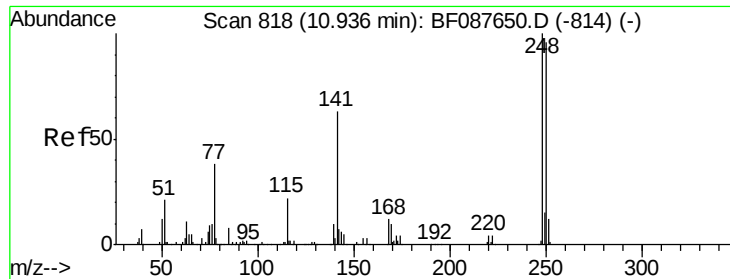


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

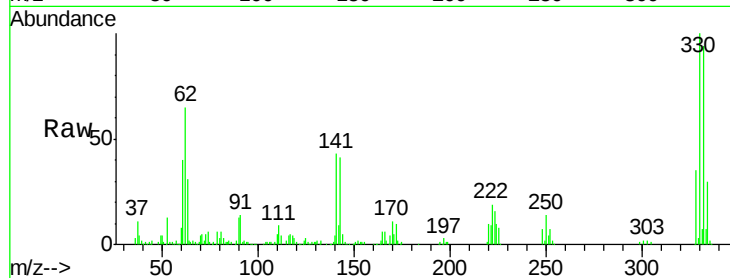




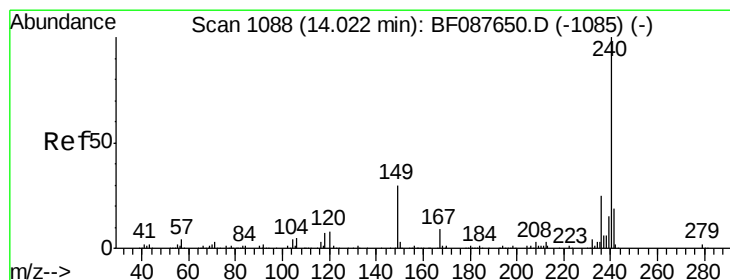
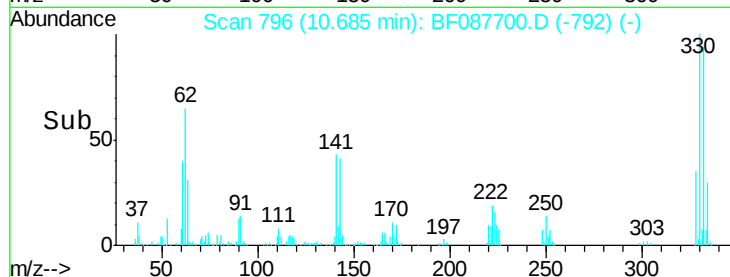
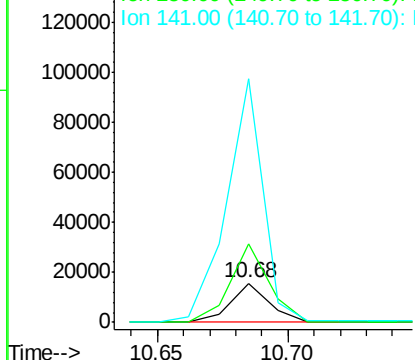
#66
 4-Bromophenyl-phenylether
 Concen: 3.82 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SW1

Tgt Ion:248 Resp: 16196
 Ion Ratio Lower Upper
 248 100
 250 201.0 77.1 115.7#
 141 624.9 50.6 76.0#

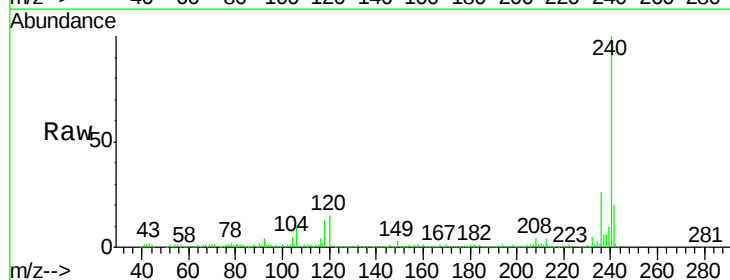


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

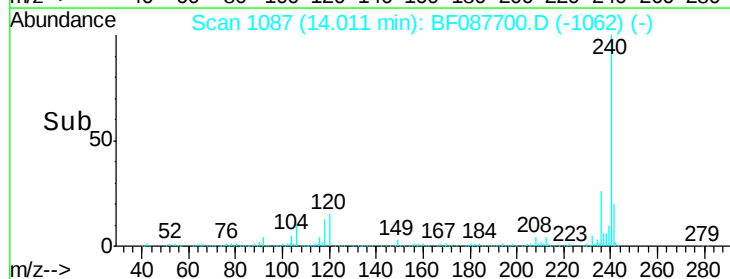
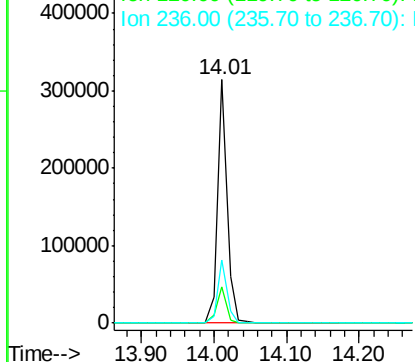


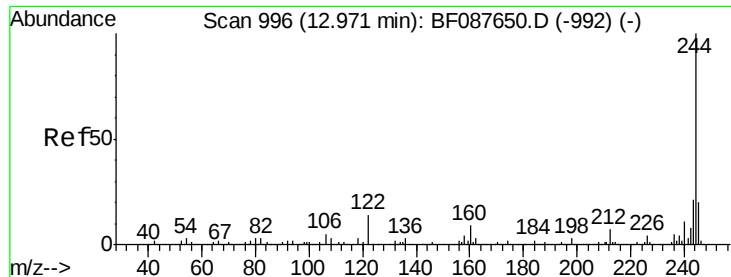
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Tgt Ion:240 Resp: 287202
 Ion Ratio Lower Upper
 240 100
 120 15.1 6.8 10.2#
 236 25.8 20.2 30.2



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

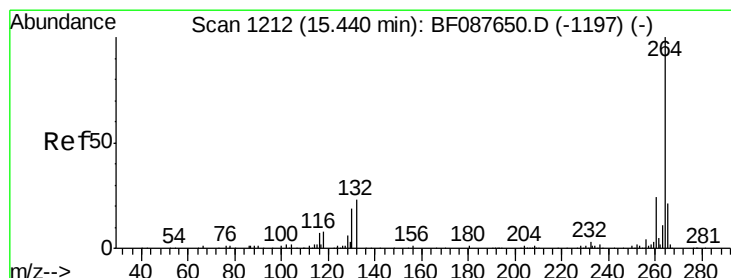
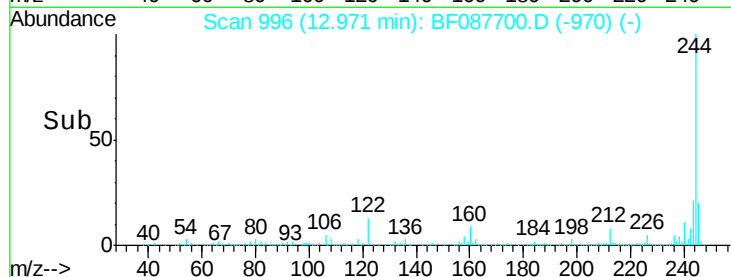
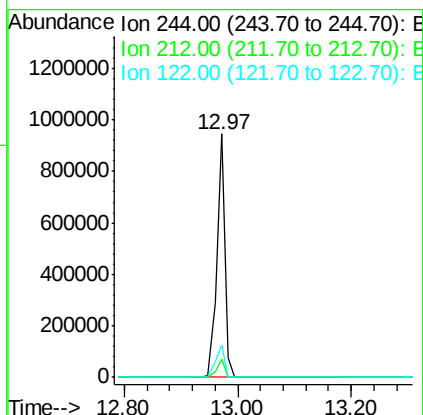
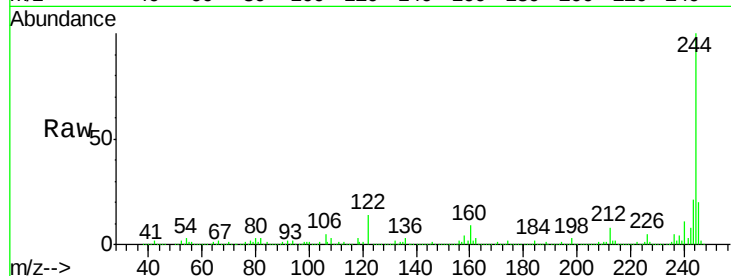




#78
 Terphenyl-d14
 Concen: 77.47 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SW1

Tgt Ion:244 Resp: 911867
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.6 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087700.D
 Acq: 5 Jun 2016 10:41

Tgt Ion:264 Resp: 231323
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 16.9 25.3

