

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080905.D
 Acq On : 7 Aug 2015 00:38
 Operator : TP/UM
 Sample : G3196-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:08:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

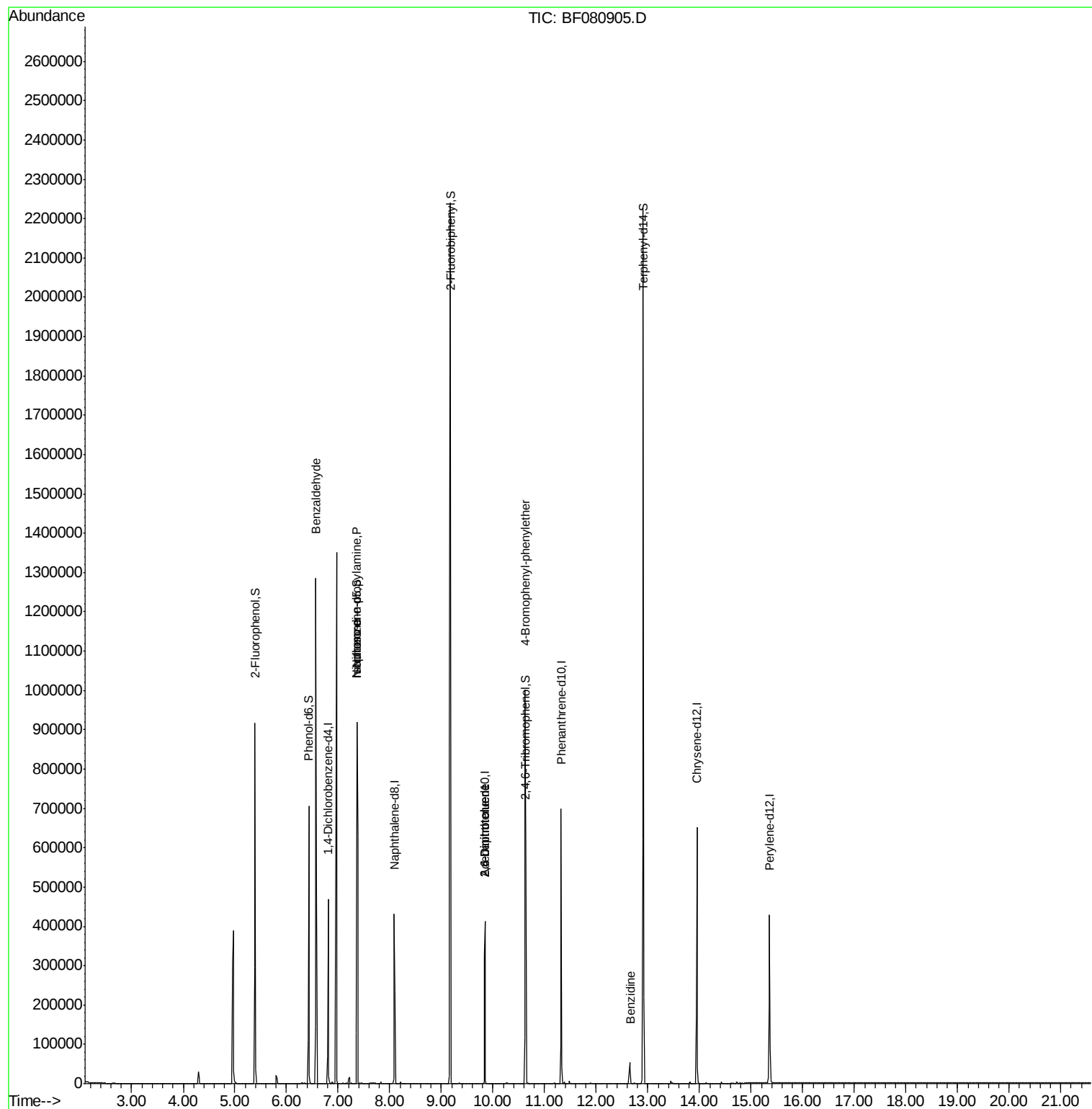
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	62296	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	220626	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	108034	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	235338	20.00	ng	0.00
75) Chrysene-d12	13.95	240	219718	20.00	ng	-0.01
86) Perylene-d12	15.36	264	192965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	221275	56.62	ng	0.00
7) Phenol-d6	6.43	99	197720	36.75	ng	-0.01
23) Nitrobenzene-d5	7.37	82	385830	82.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	152753	131.64	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	706101	93.16	ng	0.00
78) Terphenyl-d14	12.91	244	688367	66.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	8707	2.35	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.37	70	50218	13.11	ng	# 77
25) Isophorone	7.37	82	356792	39.75	ng	# 67
50) 2,6-Dinitrotoluene	9.85	165	12912	7.02	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	12912	5.22	ng	# 6
66) 4-Bromophenyl-phenylether	10.62	248	9051	3.54	ng	# 1
76) Benizidine	12.66	184	30525	3.40	ng	98

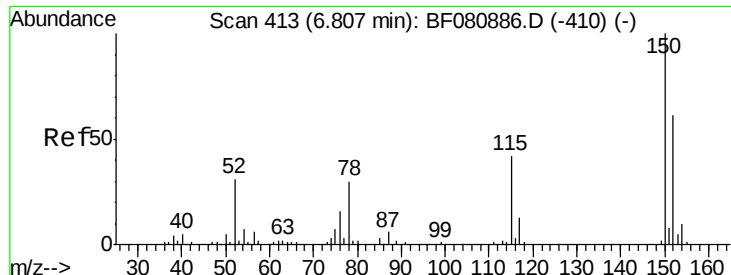
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
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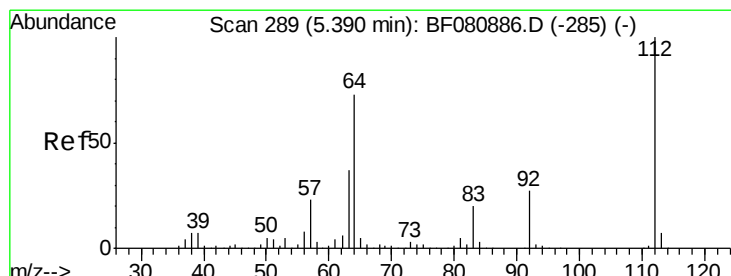
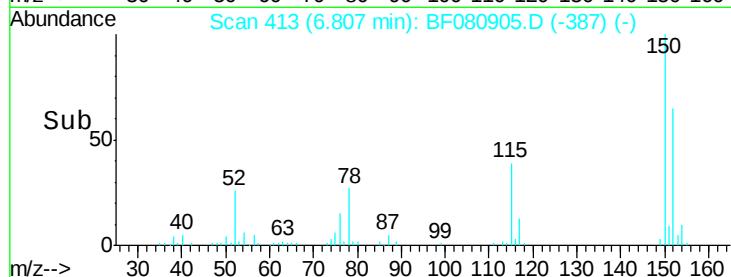
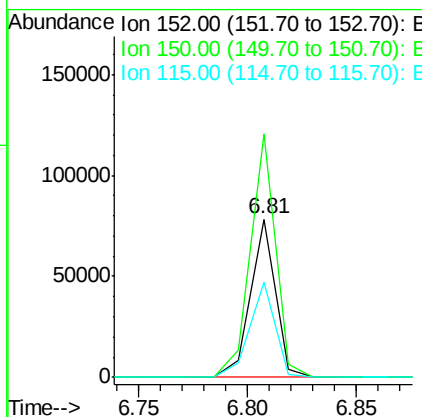
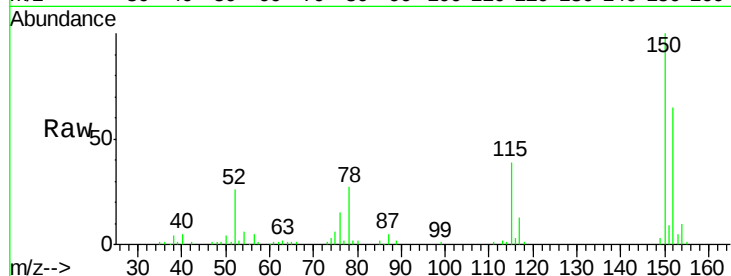


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

Instrument :
BNA_F
ClientSampleId :

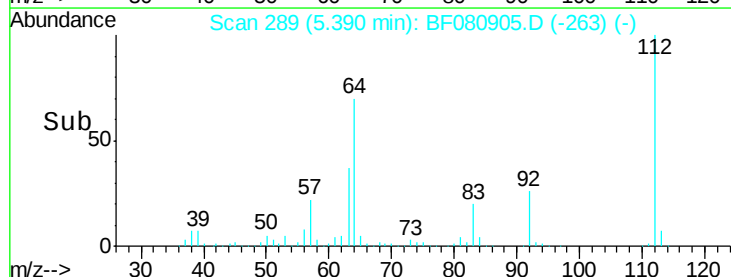
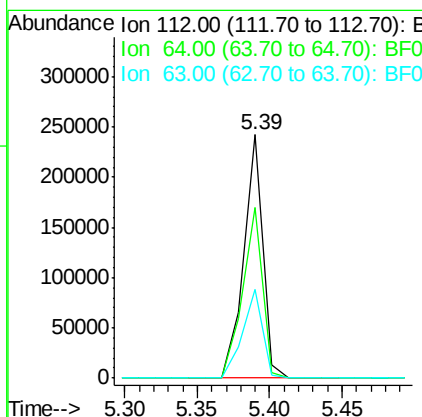
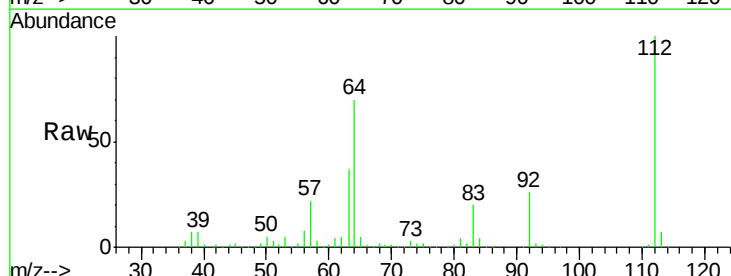
Tot Ion:152 Resp: 62296
Ion Ratio Lower Upper
152 100
150 154.1 132.2 198.2
115 60.3 54.9 82.3

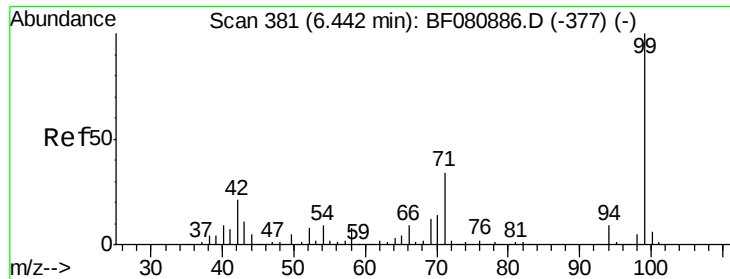


#5

2-Fluorophenol
Concen: 56.62 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

Tgt Ion:112 Resp: 221275
Ion Ratio Lower Upper
112 100
64 70.2 58.0 87.0
63 36.7 29.8 44.8





#7

Phenol-d6

Concen: 36.75 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

Instrument :

BNA_F

ClientSampleId :

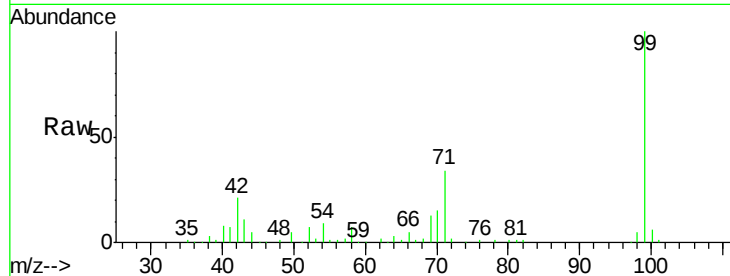
Tot Ion: 99 Resp: 197720

Ion Ratio Lower Upper

99 100

42 20.8 16.8 25.2

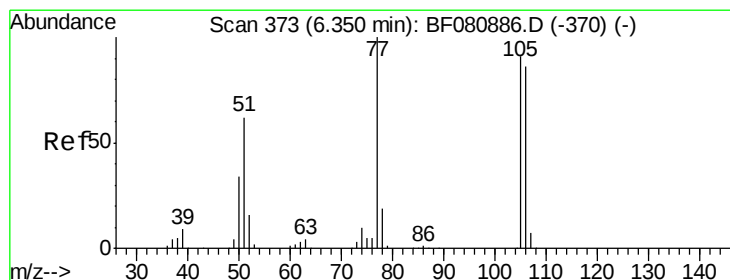
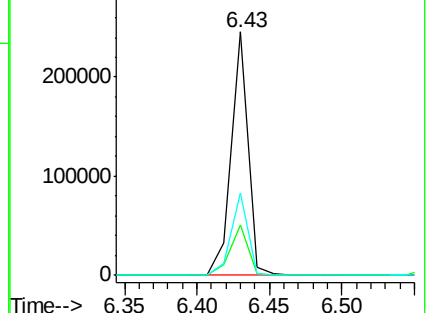
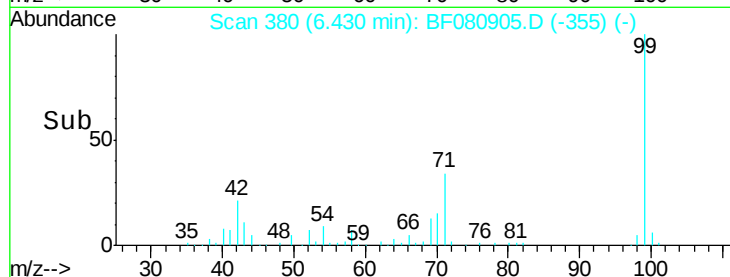
71 33.9 27.4 41.0



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: 2.35 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

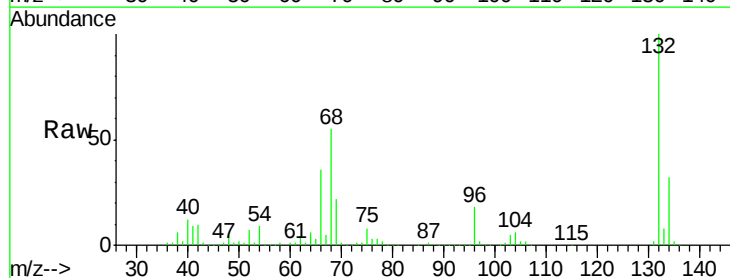
Tgt Ion: 77 Resp: 8707

Ion Ratio Lower Upper

77 100

105 74.0 70.7 110.7

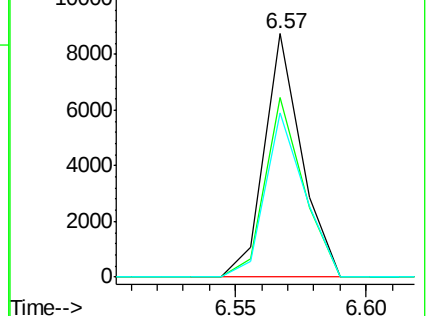
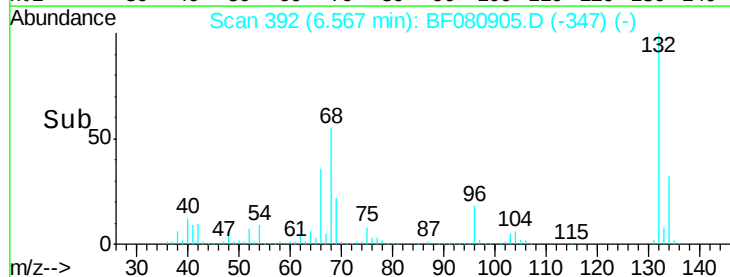
106 67.7 66.1 106.1

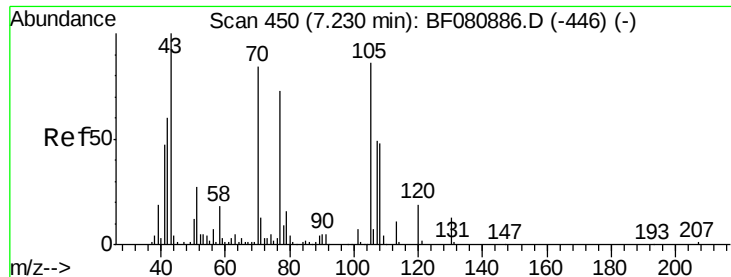


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

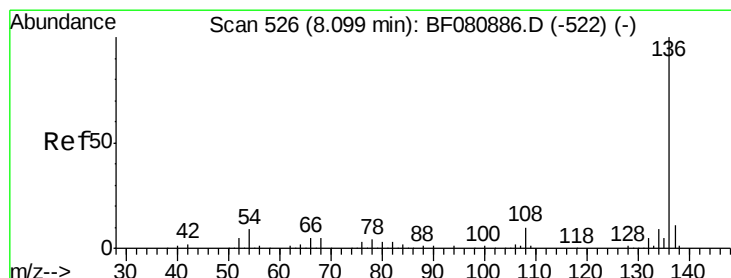
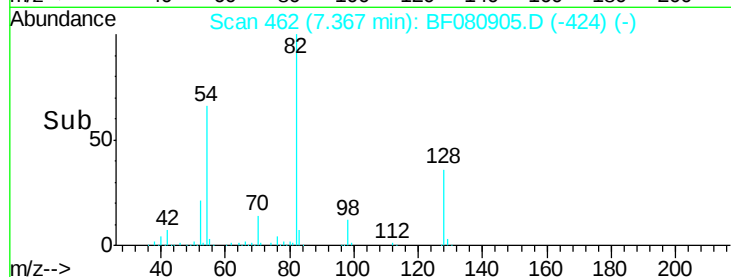
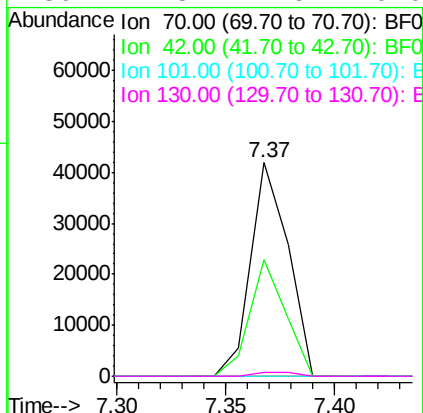
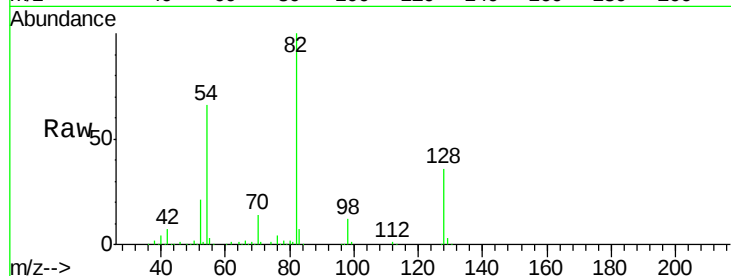




#19
n-Nitroso-di-n-propylamine
Concen: 13.11 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

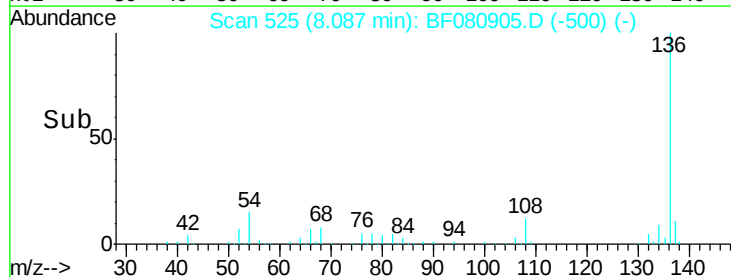
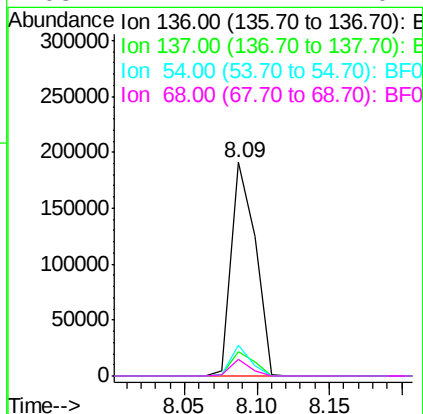
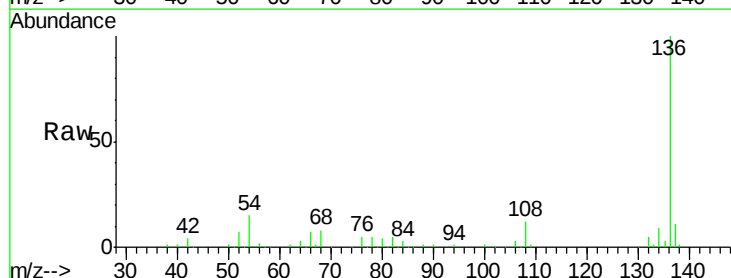
Instrument :
BNA_F
ClientSampleId :

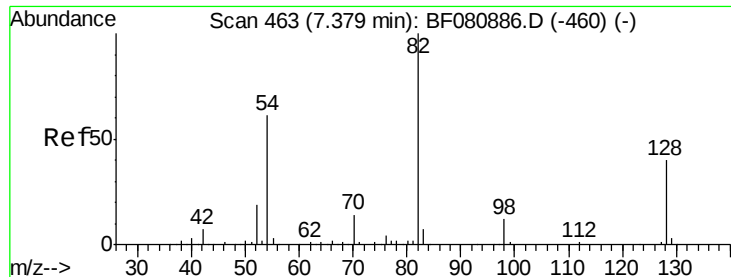
Tot Ion: 70 Resp: 50218
Ion Ratio Lower Upper
70 100
42 54.6 57.2 85.8#
101 0.0 6.6 9.8#
130 1.8 12.6 19.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

Tgt Ion:136 Resp: 220626
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 14.6 7.5 11.3#
68 7.7 4.2 6.2#

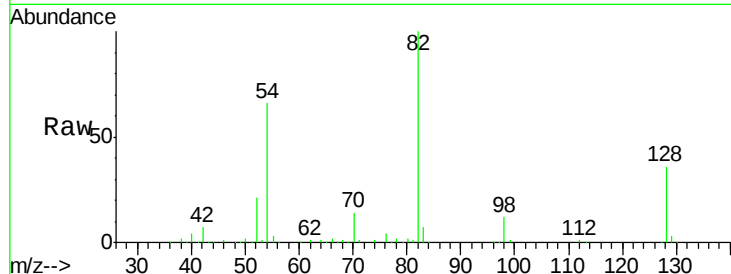




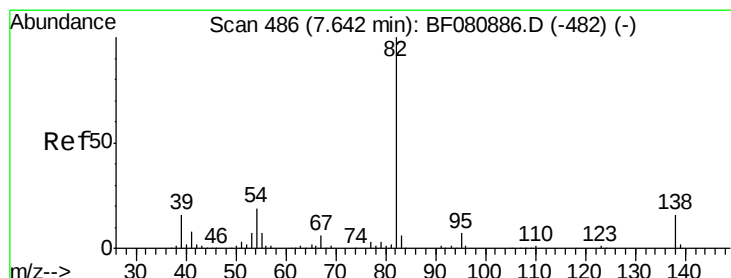
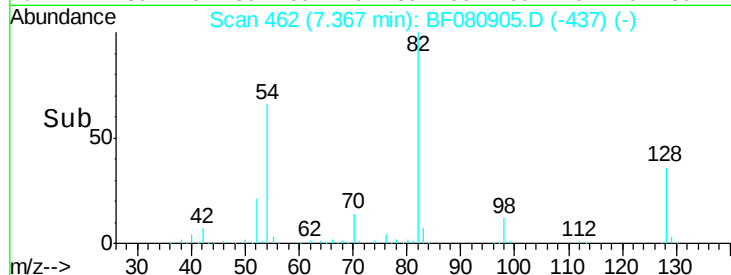
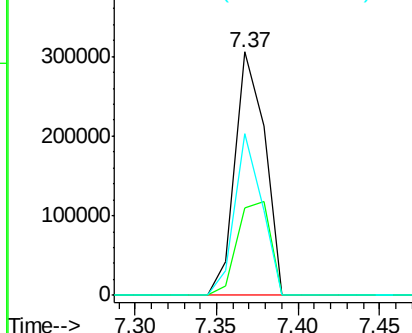
#23
 Nitrobenzene-d5
 Concen: 82.38 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	385830
Ion Ratio	Lower	Upper	
82	100		
128	36.0	31.8	47.6
54	66.2	48.6	72.8

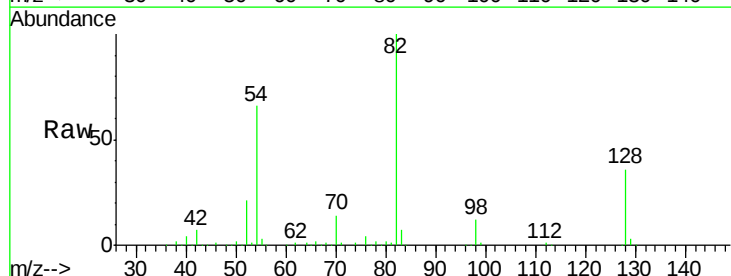


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

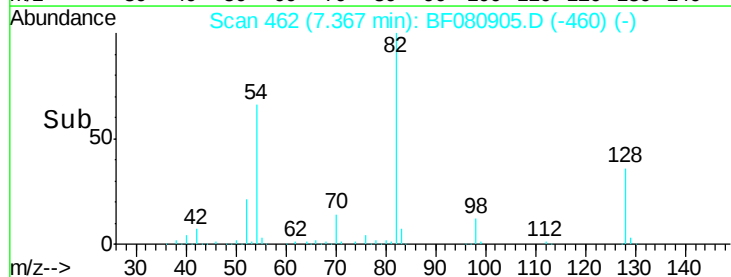
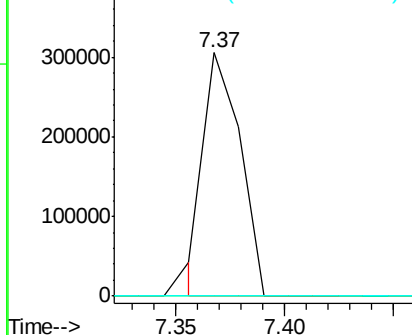


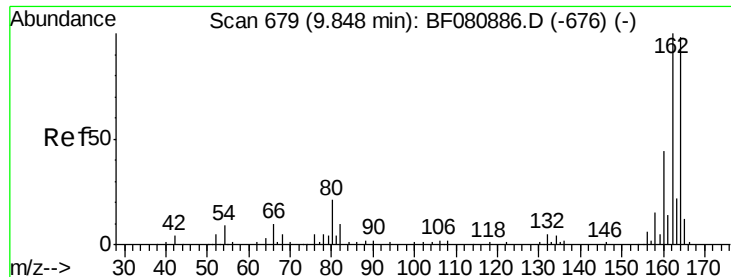
#25
 Isophorone
 Concen: 39.75 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Tgt Ion	82	Resp	356792
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.0	19.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

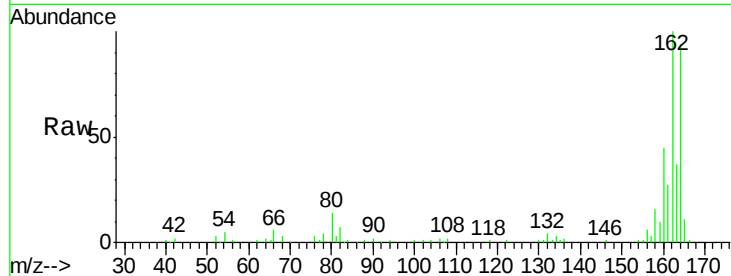




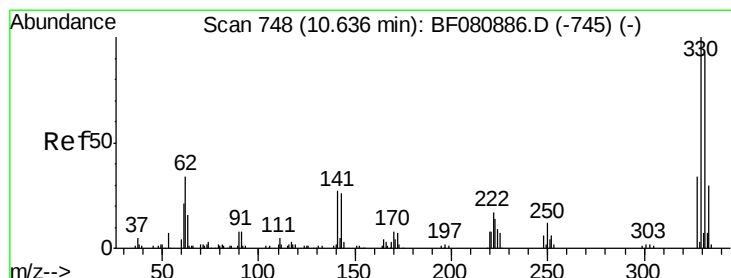
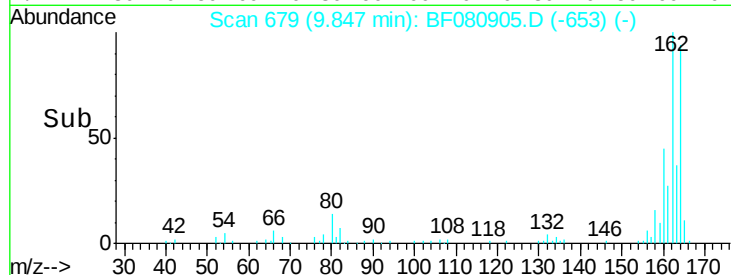
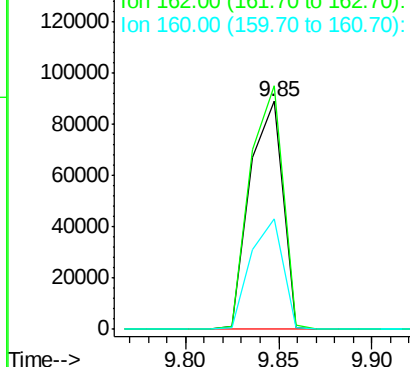
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 108034
 Ion Ratio Lower Upper
 164 100
 162 106.9 81.5 122.3
 160 48.6 35.9 53.9

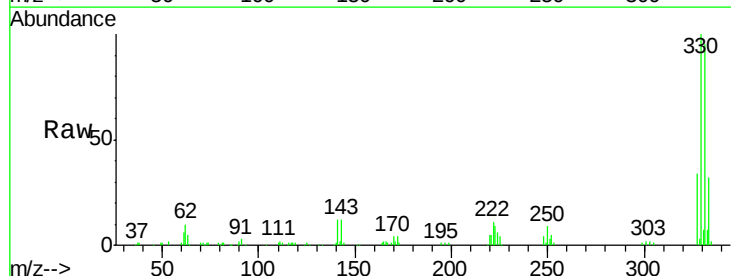


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

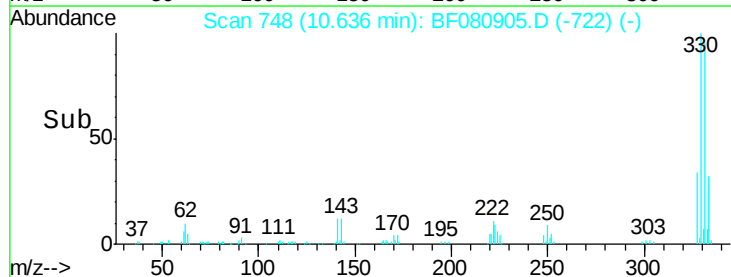
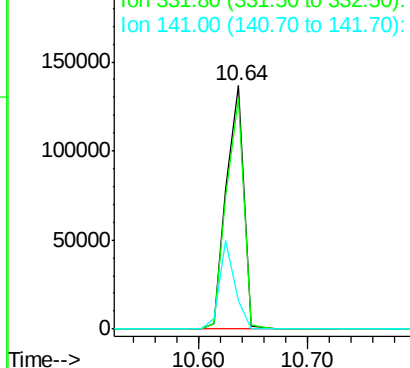


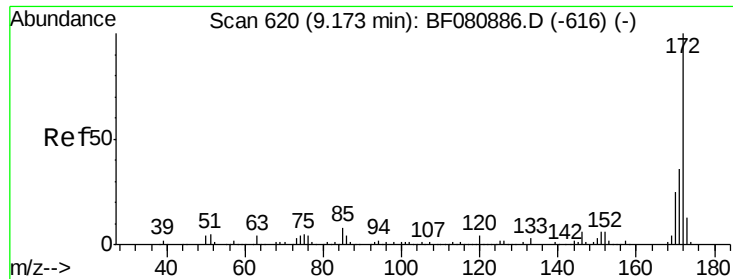
#41
 2,4,6-Tribromophenol
 Concen: 131.64 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Tgt Ion:330 Resp: 152753
 Ion Ratio Lower Upper
 330 100
 332 94.6 74.1 111.1
 141 32.7 30.1 45.1



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: 93.16 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

Instrument :

BNA_F

ClientSampleId :

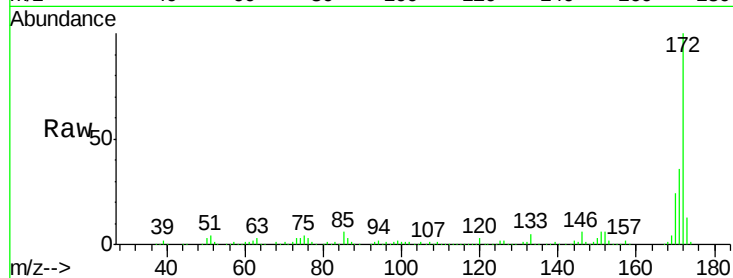
Tot Ion:172 Resp: 706101

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

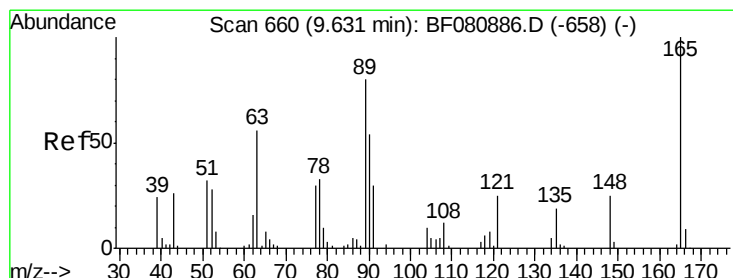
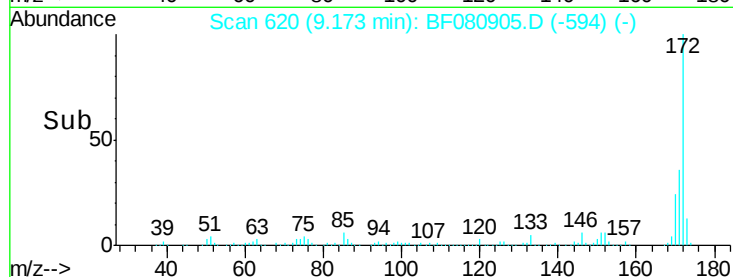
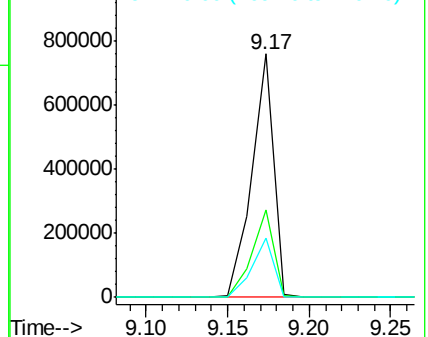
170 24.4 19.9 29.9



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: 7.02 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.22 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

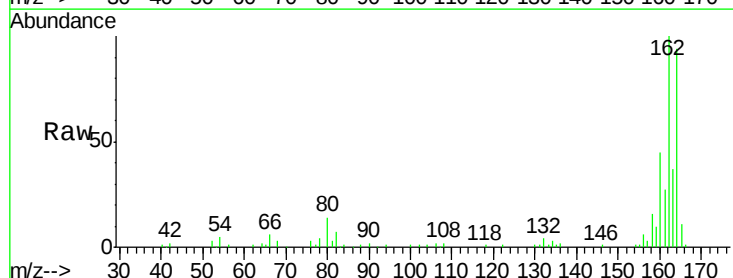
Tgt Ion:165 Resp: 12912

Ion Ratio Lower Upper

165 100

63 0.0 77.6 116.4#

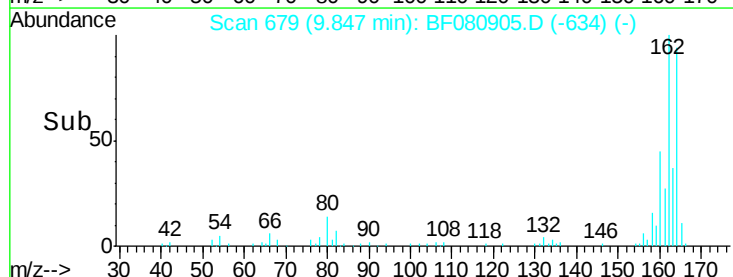
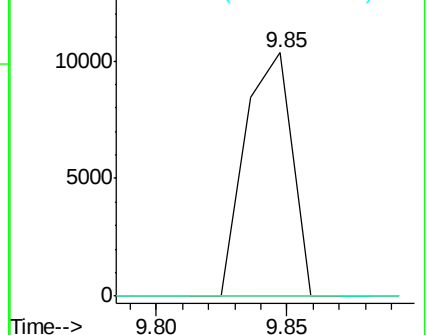
89 0.0 63.7 95.5#

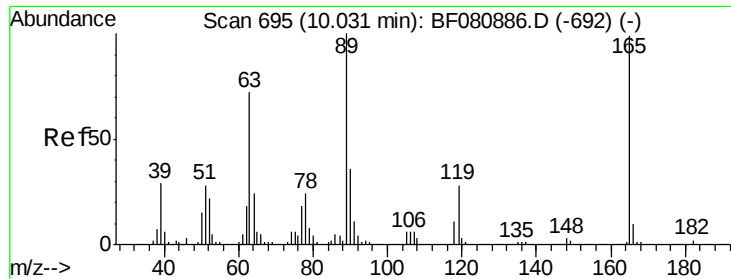


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

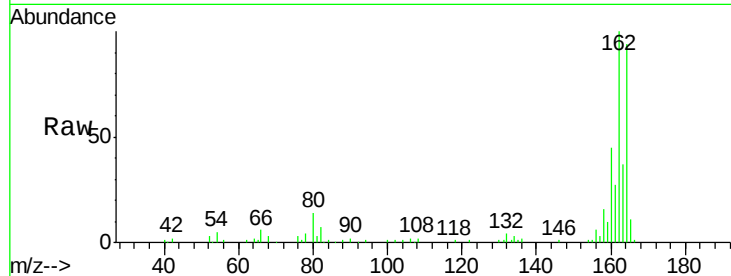




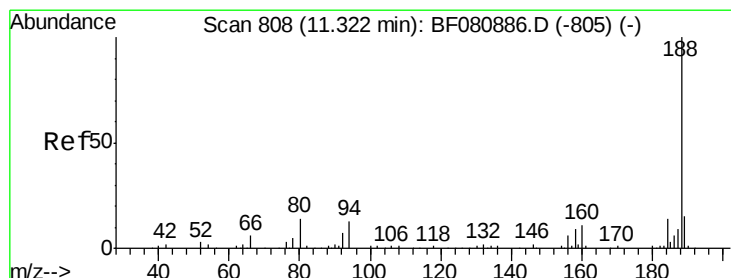
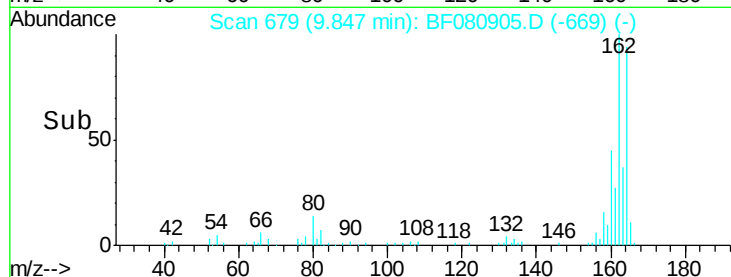
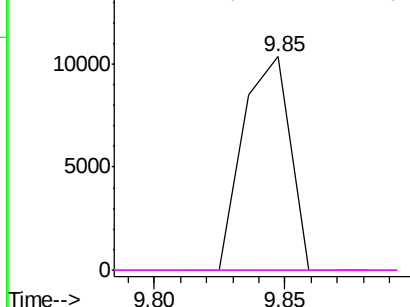
#56
 2,4-Dinitrotoluene
 Concen: 5.22 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.18 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 12912
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.6 87.8#
 89 0.0 80.7 121.1#
 182 0.0 1.8 2.8#

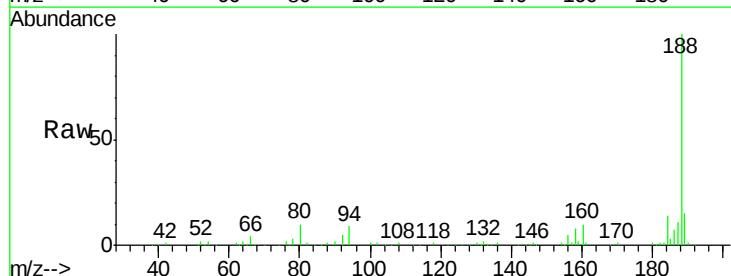


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

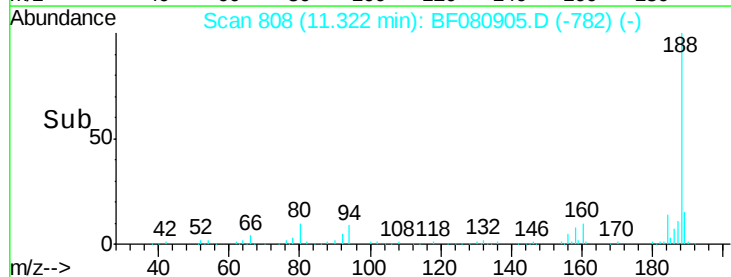
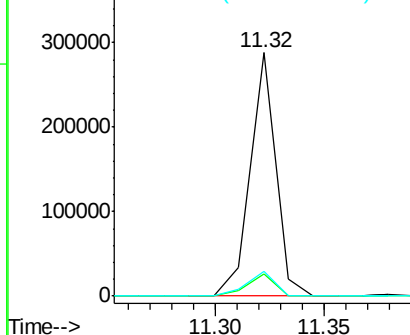


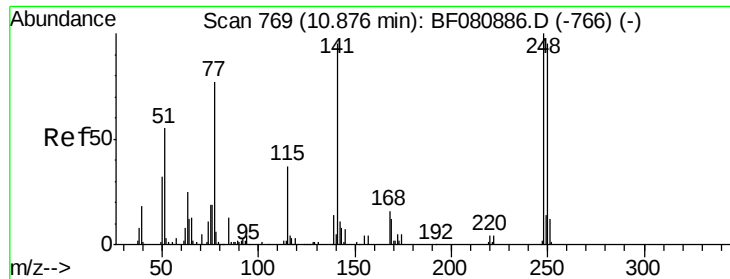
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Tgt Ion:188 Resp: 235338
 Ion Ratio Lower Upper
 188 100
 94 9.2 10.2 15.2#
 80 10.0 11.4 17.2#



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: 3.54 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.25 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

Instrument :

BNA_F

ClientSampleId :

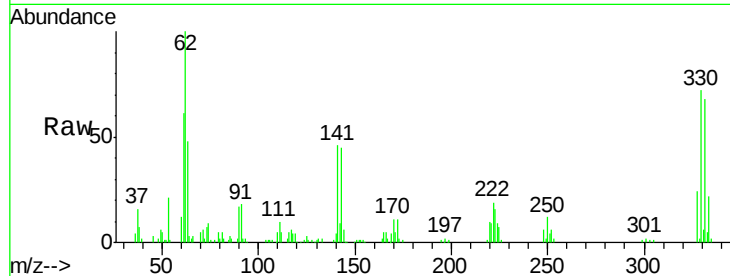
Tot Ion:248 Resp: 9051

Ion Ratio Lower Upper

248 100

250 193.9 75.9 113.9#

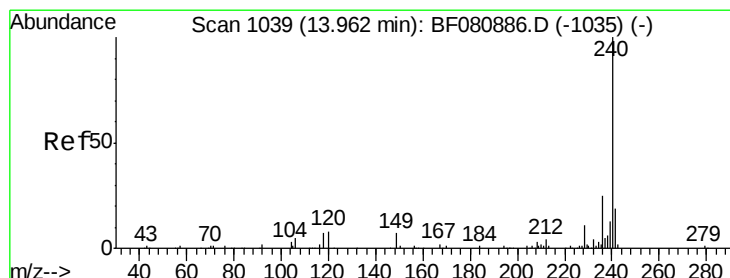
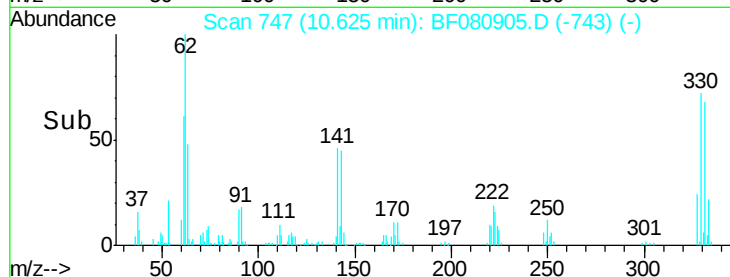
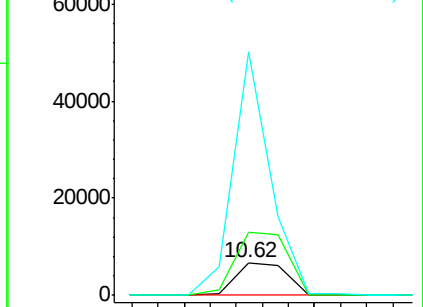
141 742.0 75.8 113.6#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

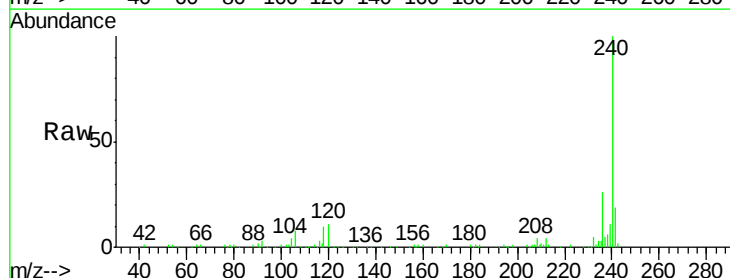
Tgt Ion:240 Resp: 219718

Ion Ratio Lower Upper

240 100

120 10.8 6.4 9.6#

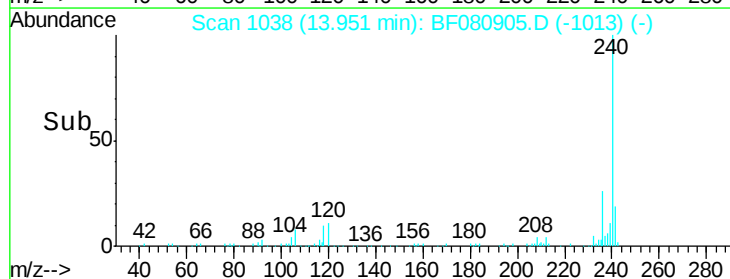
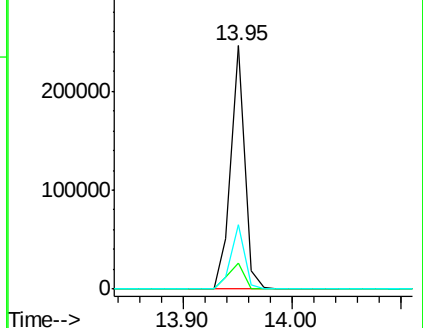
236 26.3 20.2 30.4

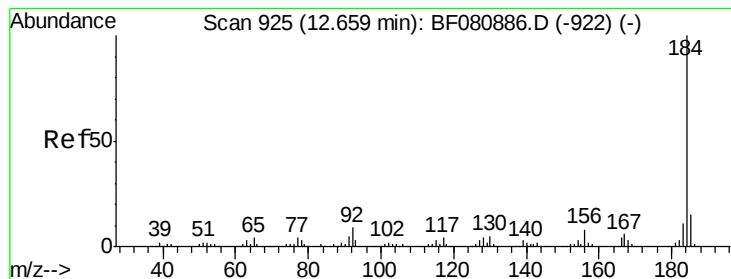


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.40 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

Instrument :

BNA_F

ClientSampled :

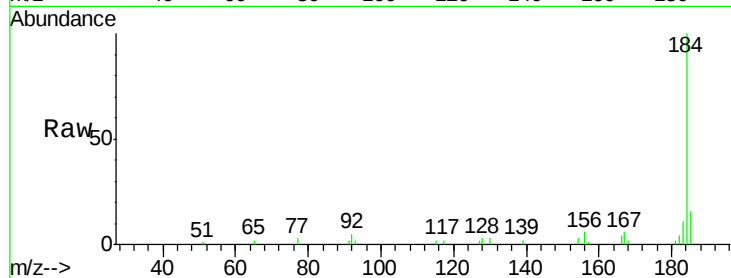
Tot Ion:184 Resp: 30525

Ion Ratio Lower Upper

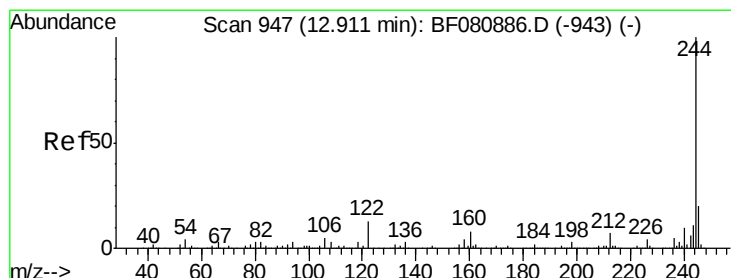
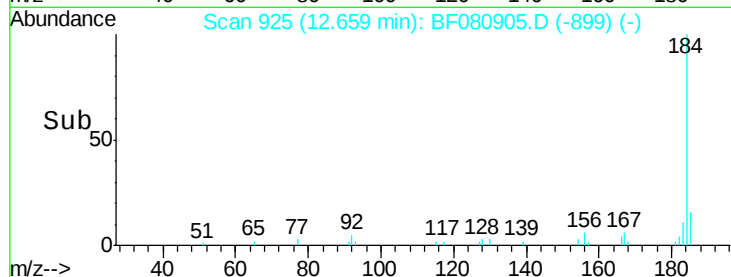
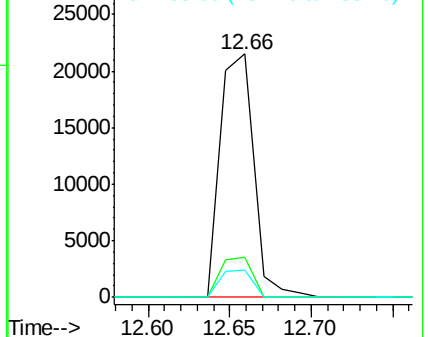
184 100

185 16.4 12.4 18.6

183 11.4 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 66.05 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

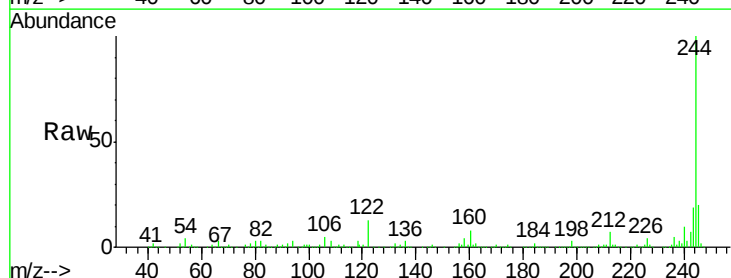
Tgt Ion:244 Resp: 688367

Ion Ratio Lower Upper

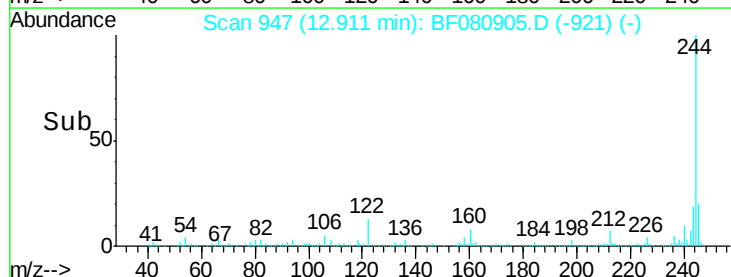
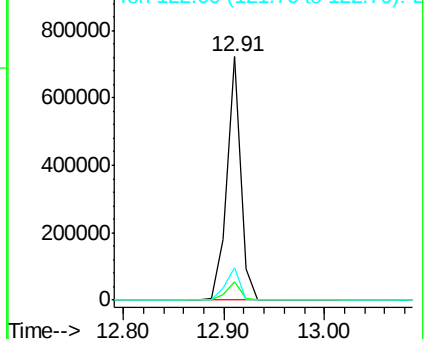
244 100

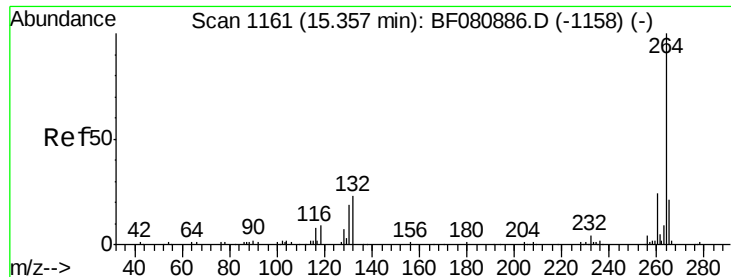
212 7.4 5.9 8.9

122 13.5 10.6 16.0



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

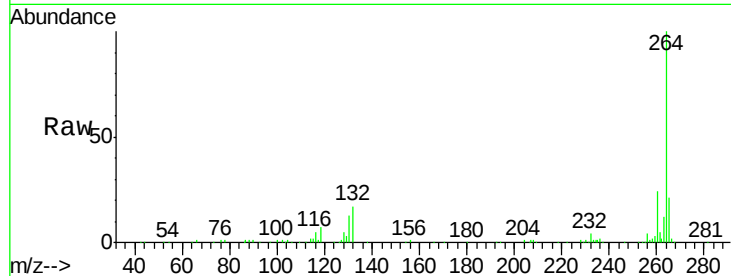




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	20.8	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

