

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081104.D
 Acq On : 20 Aug 2015 3:08
 Operator : UM/IZ
 Sample : G3304-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 03:41:20 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

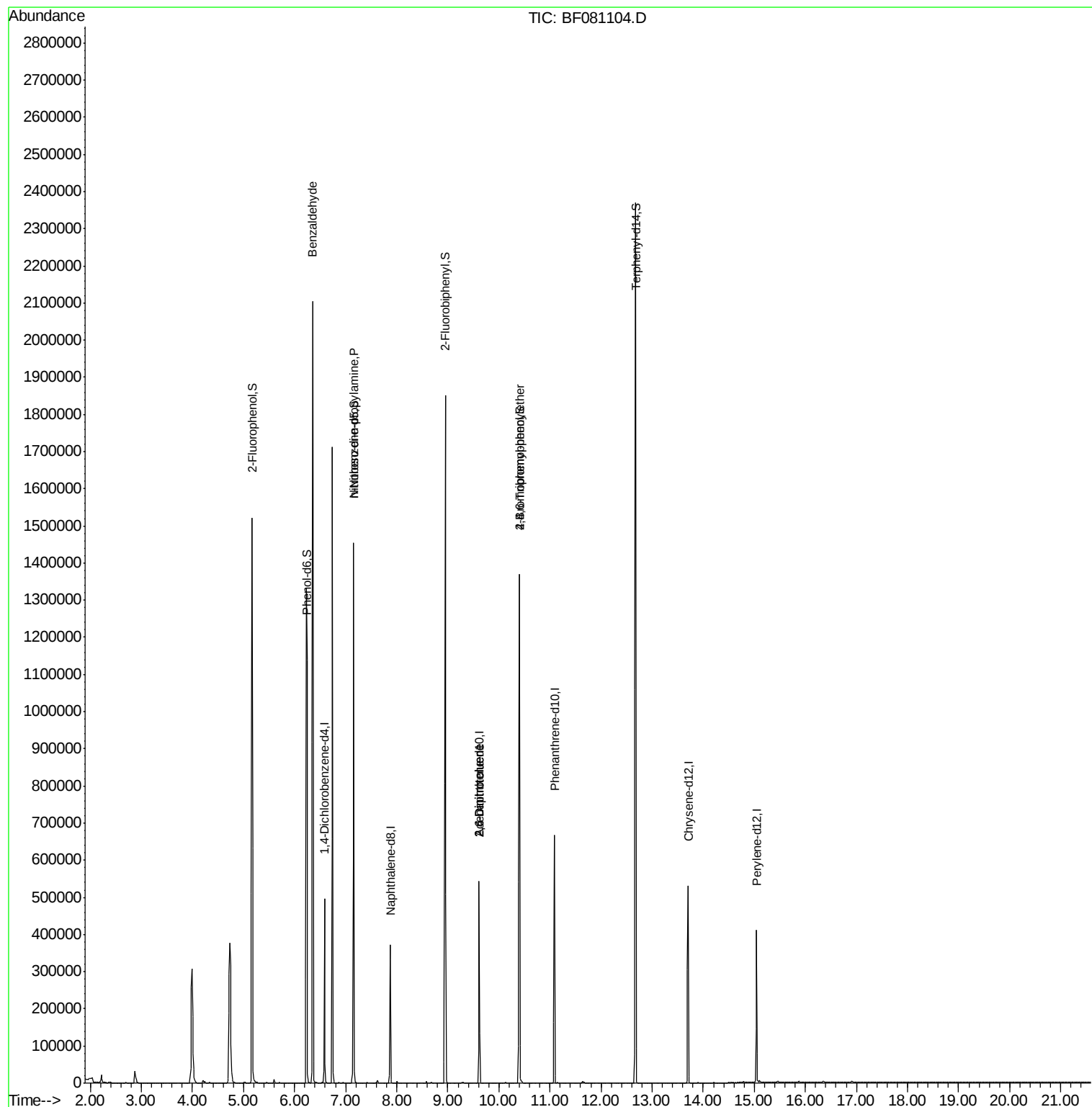
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	63023	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	240604	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	109531	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	237484	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	220390	20.00	ng	-0.04
86) Perylene-d12	15.04	264	157548	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	480921	114.78	ng	-0.02
7) Phenol-d6	6.24	99	675074	123.48	ng	-0.02
23) Nitrobenzene-d5	7.16	82	482031	91.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	130742	137.70	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	732482	87.62	ng	-0.04
78) Terphenyl-d14	12.68	244	757653	73.70	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.36	77	14590	4.14	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.16	70	66835	17.65	ng	# 69
50) 2,6-Dinitrotoluene	9.61	165	13794	7.12	ng	# 22
56) 2,4-Dinitrotoluene	9.61	165	13794	5.37	ng	# 17
66) 4-Bromophenyl-phenylether	10.40	248	10432	4.47	ng	# 1

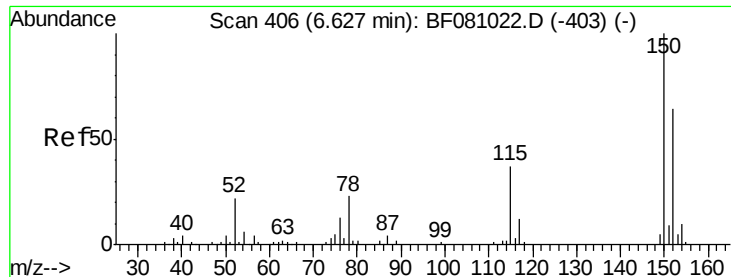
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081104.D

Acq: 20 Aug 2015 3:08

Instrument :

BNA_F

ClientSampleId :

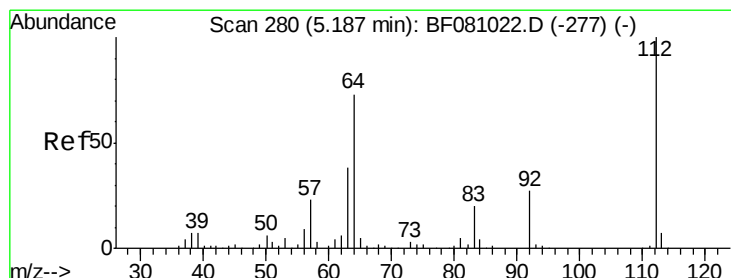
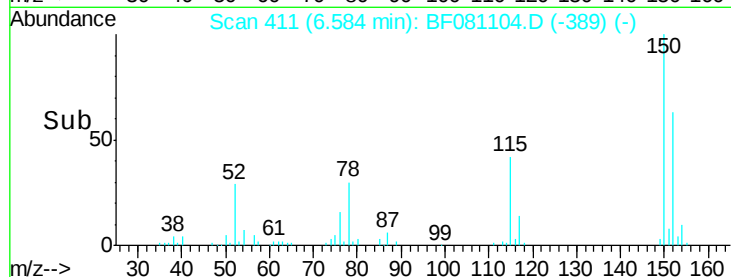
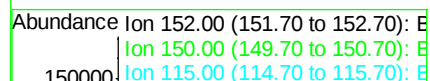
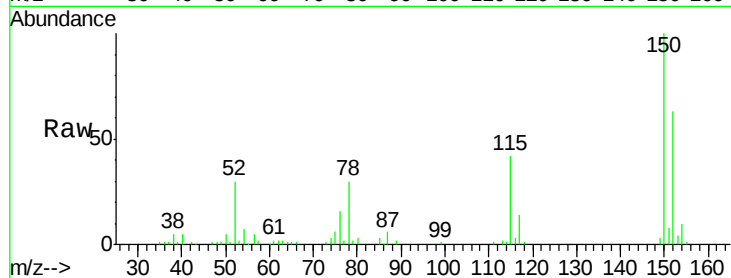
Tot Ion:152 Resp: 63023

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

115 66.3 52.1 78.1



#5

2-Fluorophenol

Concen: 114.78 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081104.D

Acq: 20 Aug 2015 3:08

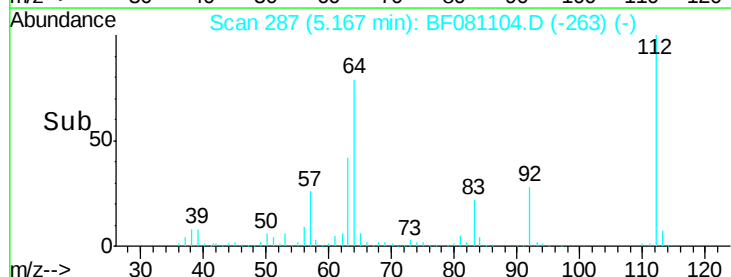
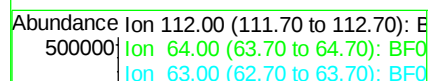
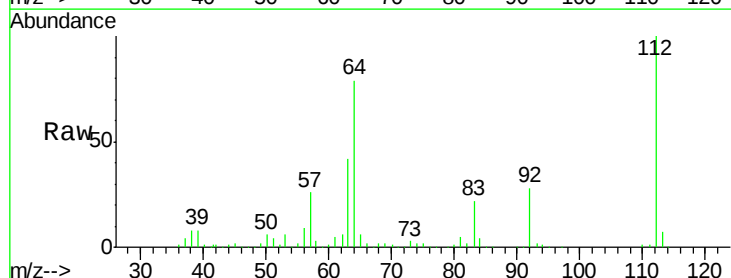
Tgt Ion:112 Resp: 480921

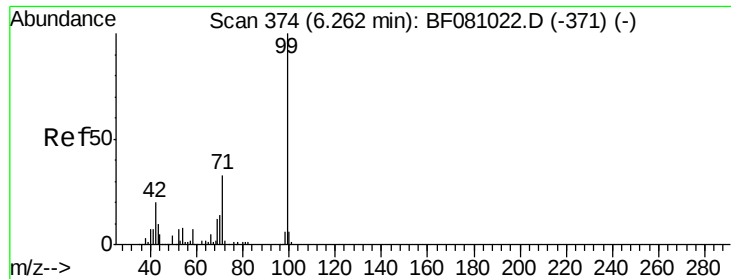
Ion Ratio Lower Upper

112 100

64 78.9 66.9 100.3

63 41.7 38.1 57.1





#7

Phenol-d6

Concen: 123.48 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081104.D

Acq: 20 Aug 2015 3:08

Instrument :

BNA_F

ClientSampled :

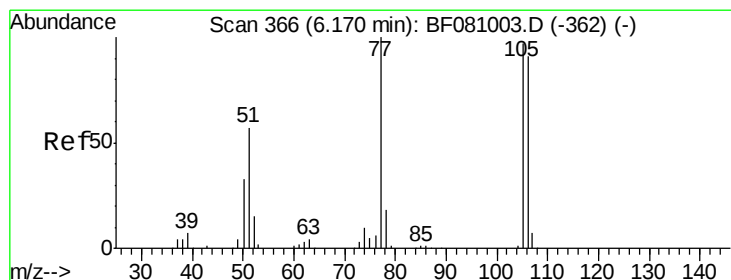
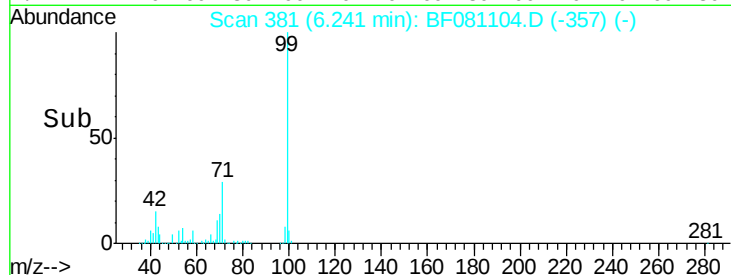
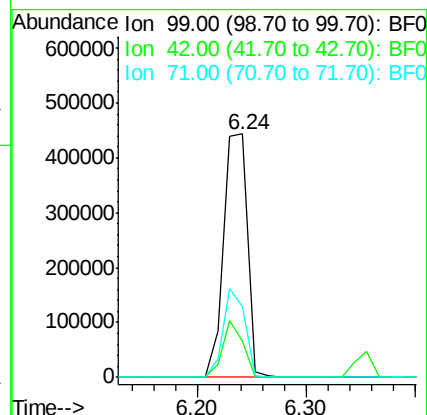
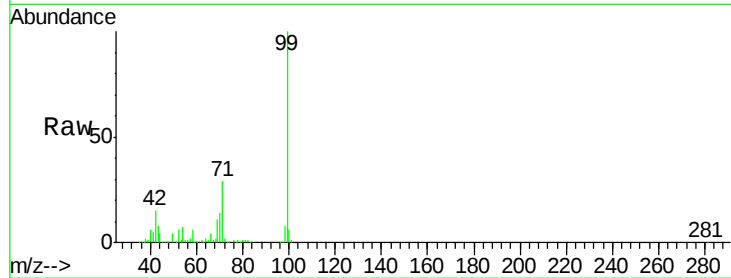
Tot Ion: 99 Resp: 675074

Ion Ratio Lower Upper

99 100

42 14.7 19.6 29.4#

71 29.1 31.2 46.8#



#9

Benzaldehyde

Concen: 4.14 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081104.D

Acq: 20 Aug 2015 3:08

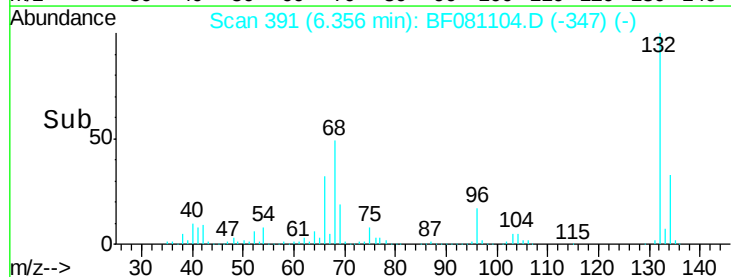
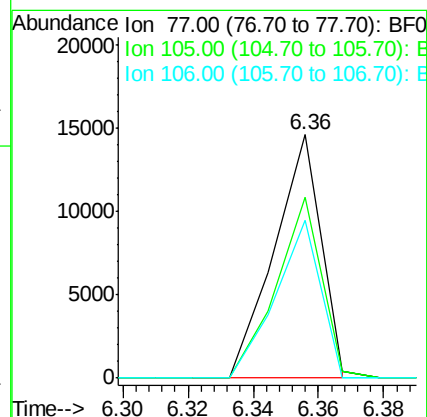
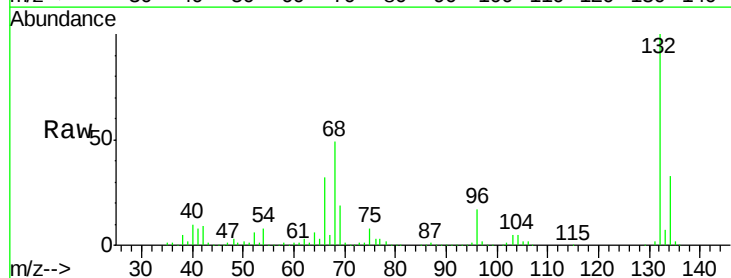
Tgt Ion: 77 Resp: 14590

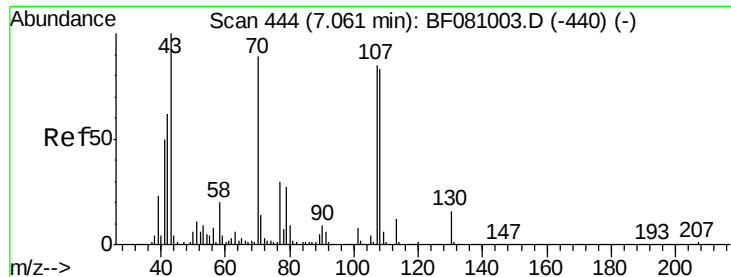
Ion Ratio Lower Upper

77 100

105 74.3 69.6 109.6

106 64.7 64.0 104.0

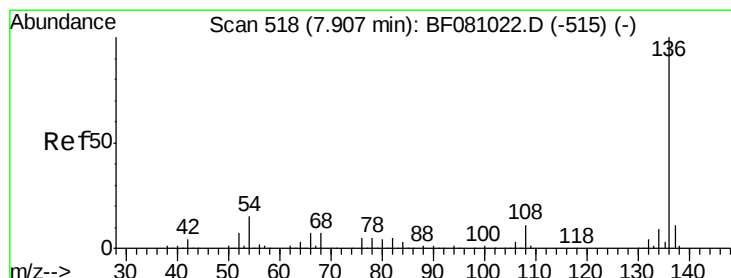
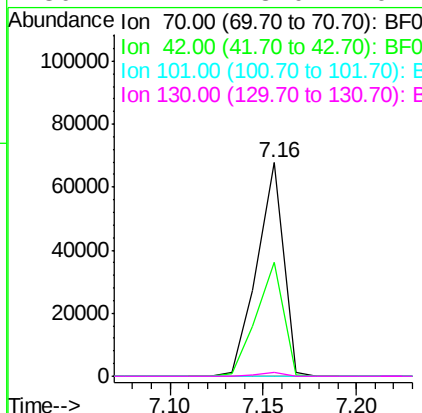
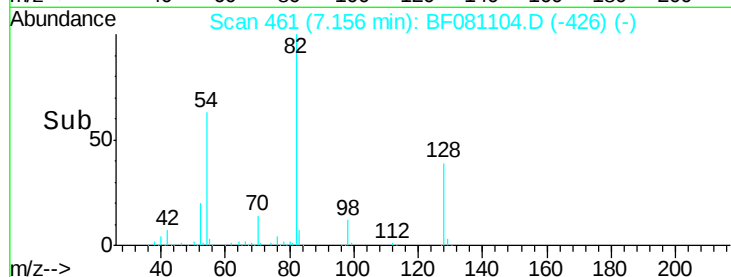
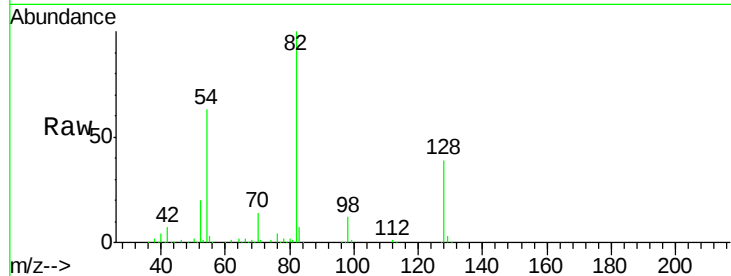




#19
n-Nitroso-di-n-propylamine
Concen: 17.65 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081104.D
Acq: 20 Aug 2015 3:08

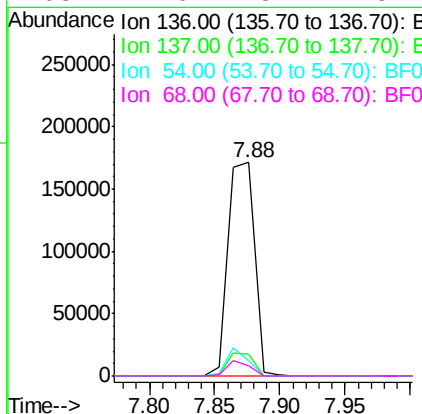
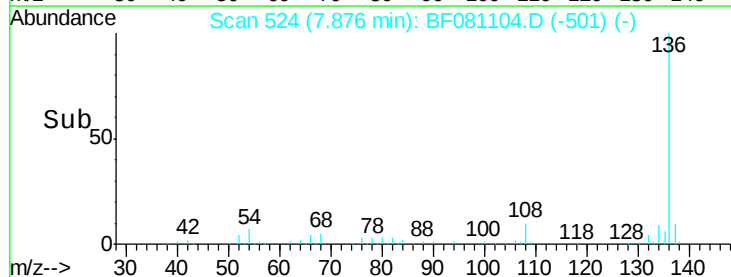
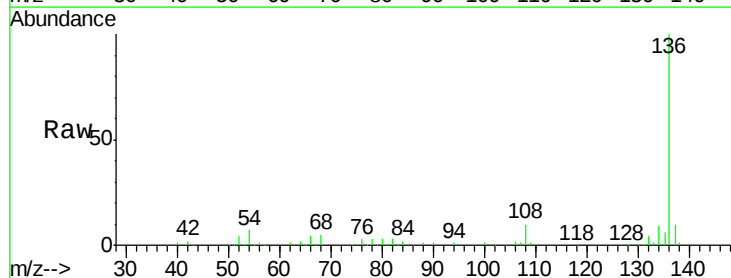
Instrument :
BNA_F
ClientSampleId :

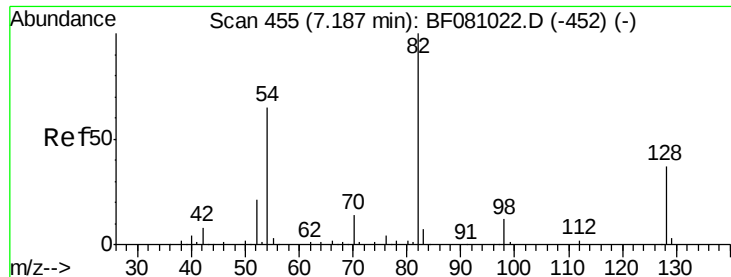
Tot Ion: 70 Resp: 66835
Ion Ratio Lower Upper
70 100
42 53.3 65.0 97.4#
101 0.0 7.4 11.2#
130 1.7 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081104.D
Acq: 20 Aug 2015 3:08

Tgt Ion: 136 Resp: 240604
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 7.5 7.7 11.5#
68 4.6 3.4 5.2

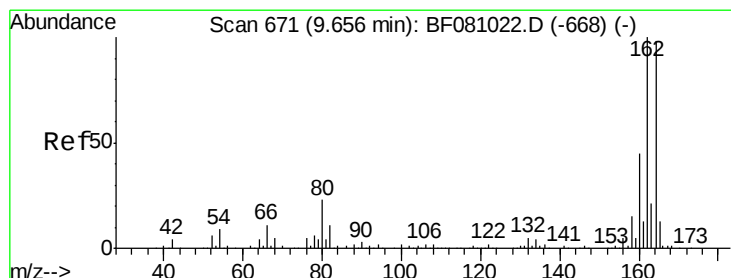
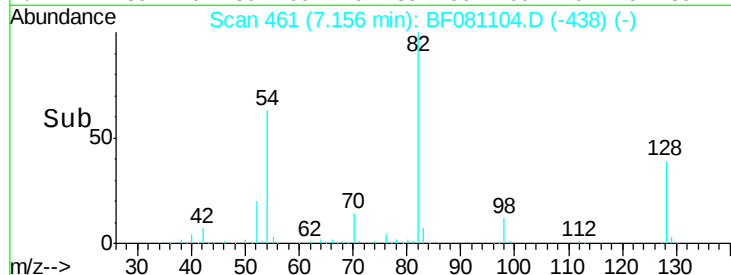
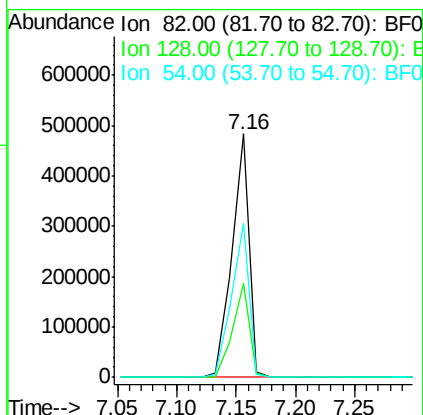
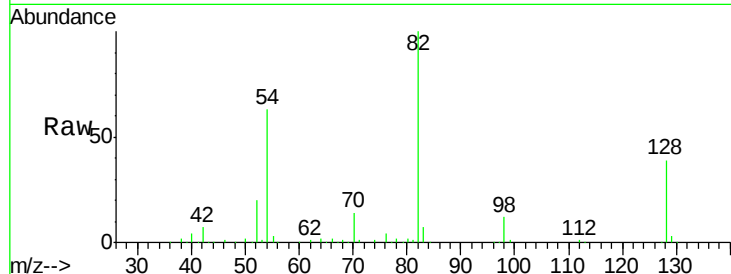




#23
 Nitrobenzene-d5
 Concen: 91.52 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081104.D
 Acq: 20 Aug 2015 3:08

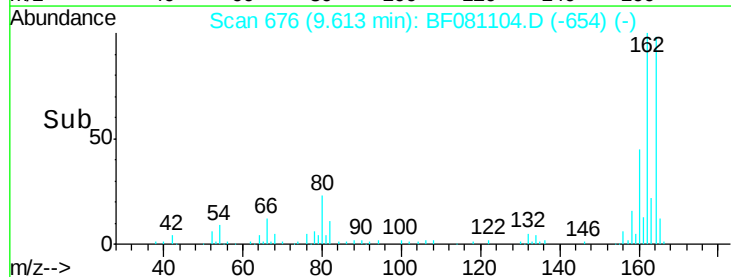
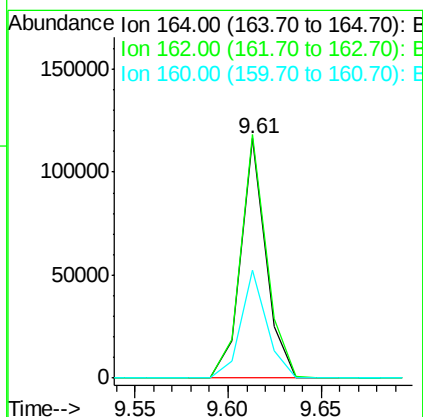
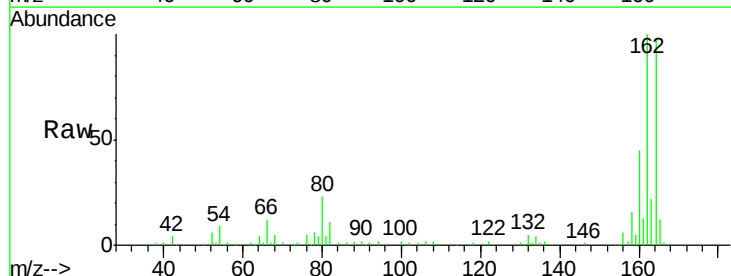
Instrument :
 BNA_F
 ClientSampleId :

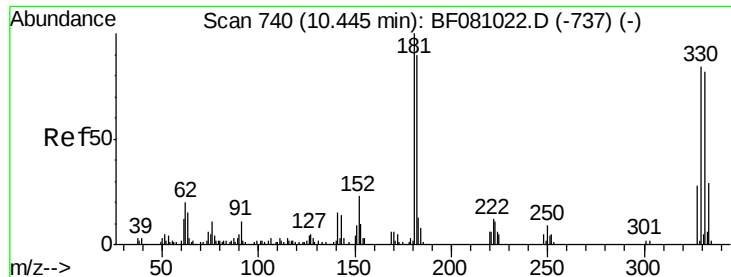
Tot Ion: 82 Resp: 482031
 Ion Ratio Lower Upper
 82 100
 128 38.7 28.6 42.8
 54 63.4 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081104.D
 Acq: 20 Aug 2015 3:08

Tgt Ion: 164 Resp: 109531
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.8 125.8
 160 45.3 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 137.70 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081104.D

Acq: 20 Aug 2015 3:08

Instrument :

BNA_F

ClientSampleId :

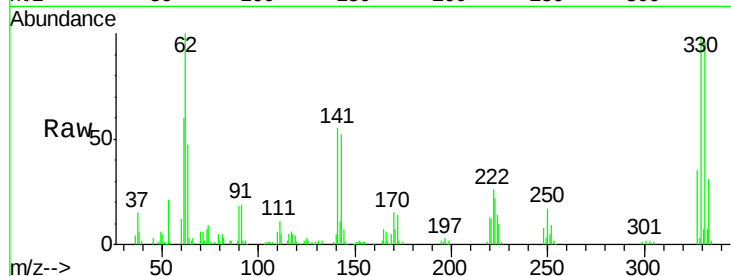
Tot Ion:330 Resp: 130742

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

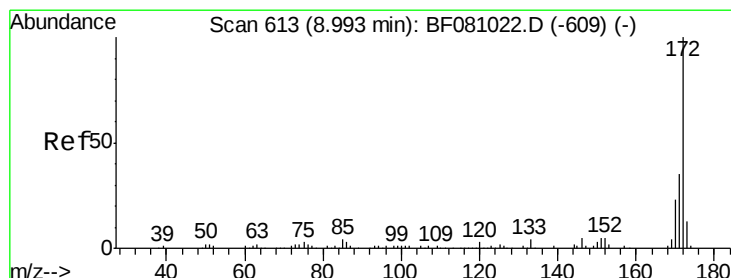
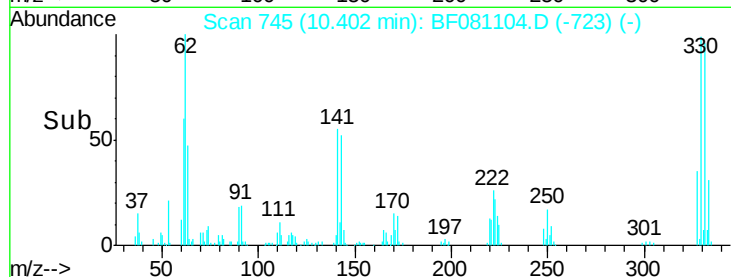
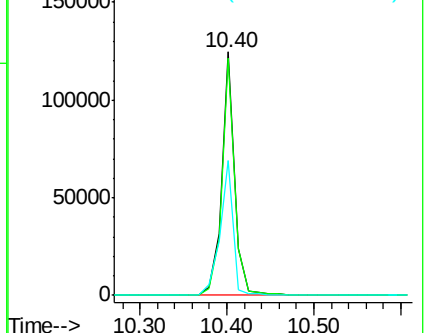
141 56.1 44.9 67.3



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: 87.62 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081104.D

Acq: 20 Aug 2015 3:08

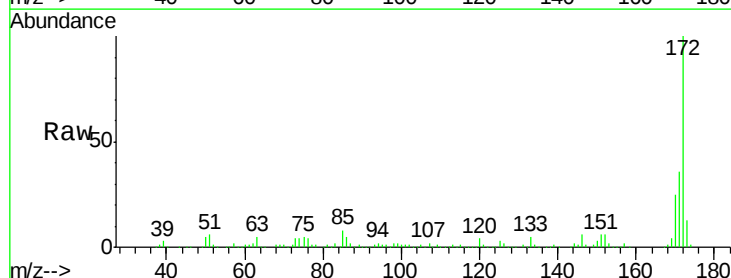
Tgt Ion:172 Resp: 732482

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

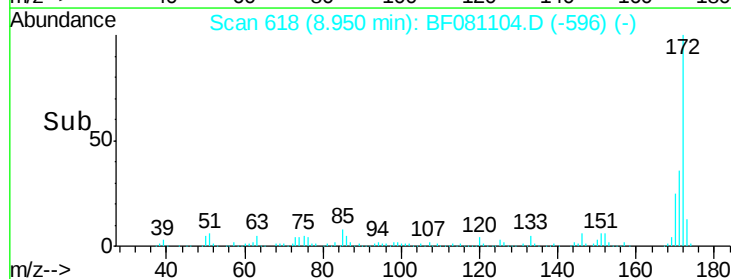
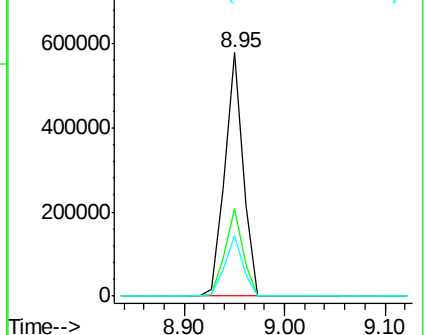
170 24.6 19.4 29.2

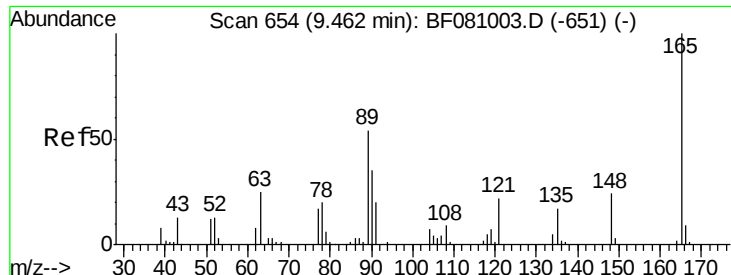


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

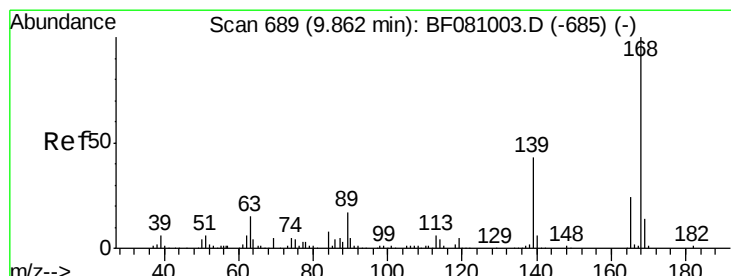
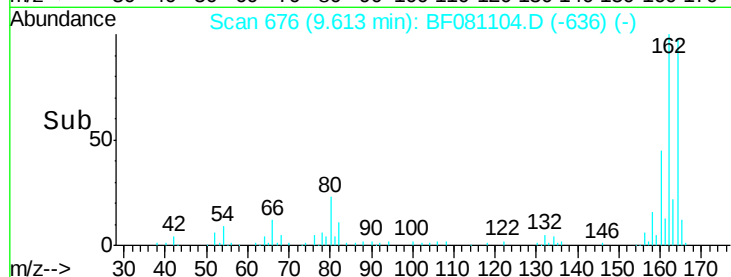
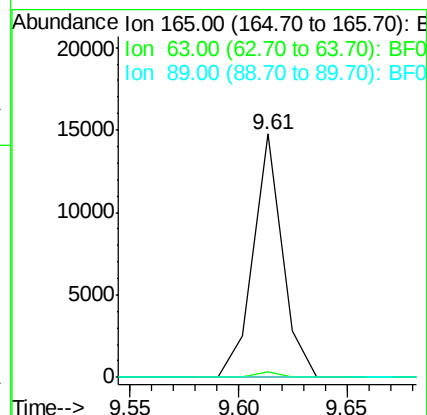
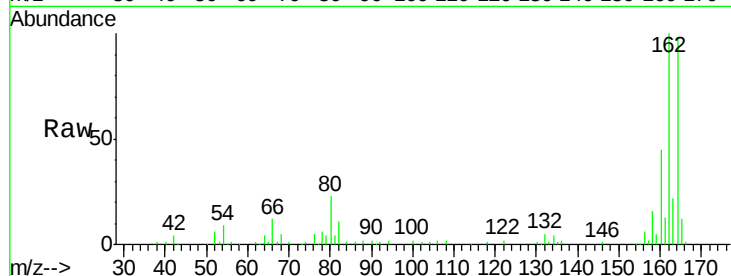




#50
 2,6-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081104.D
 Acq: 20 Aug 2015 3:08

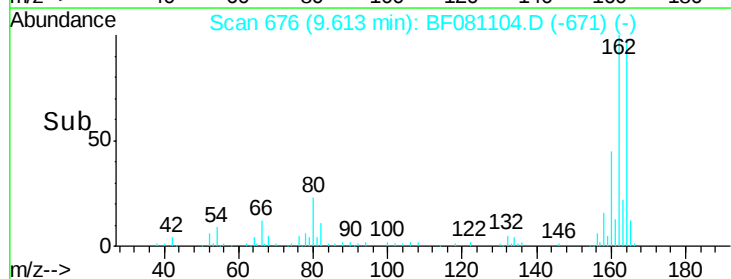
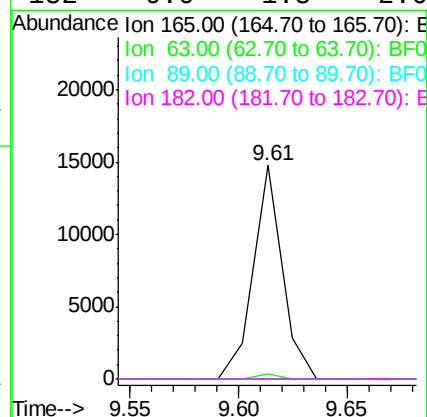
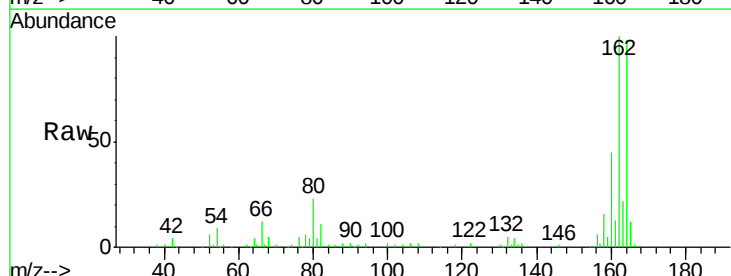
Instrument :
 BNA_F
 ClientSampleId :

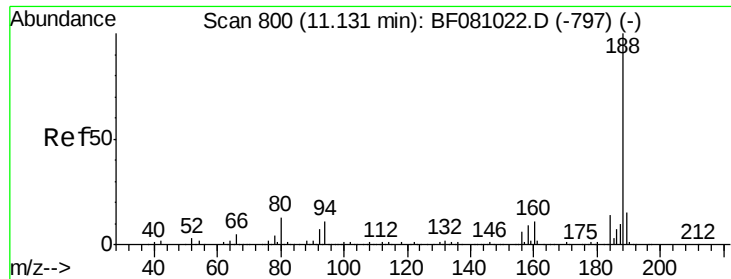
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	49.5	74.3#
89	0.0	47.6	71.4#



#56
 2,4-Dinitrotoluene
 Concen: 5.37 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081104.D
 Acq: 20 Aug 2015 3:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

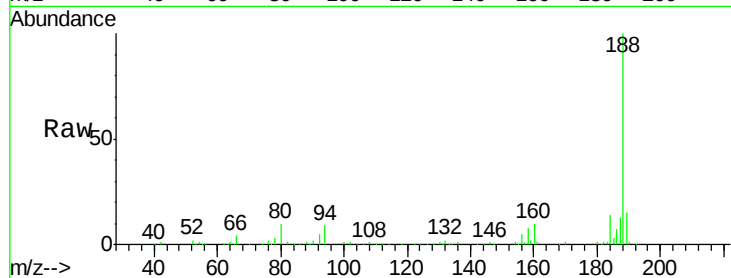




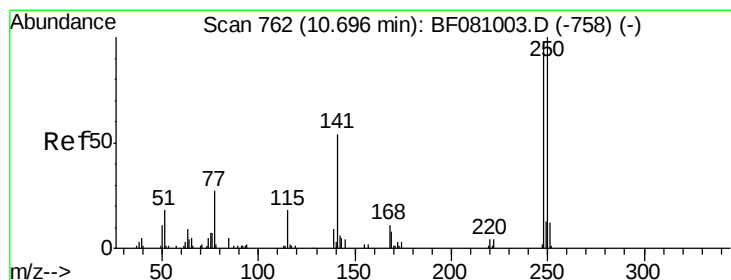
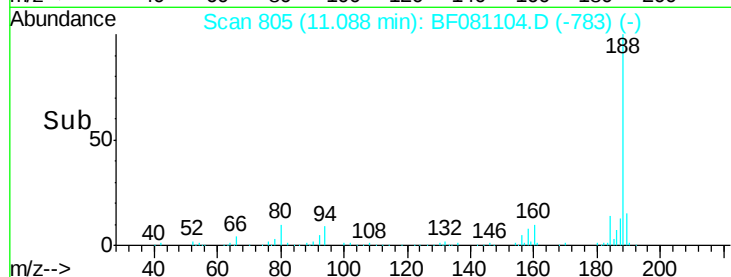
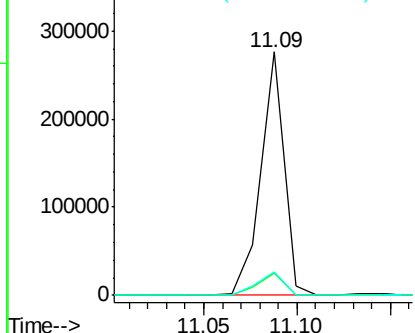
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081104.D
Acq: 20 Aug 2015 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 237484
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.5 9.5 14.3#

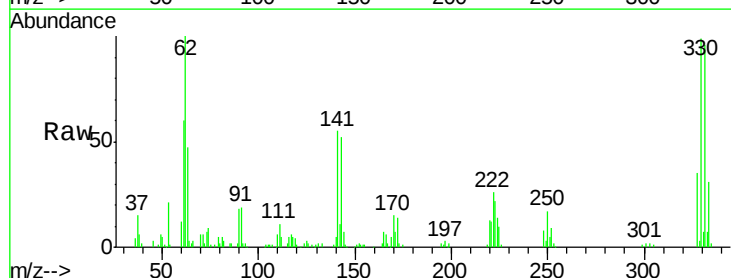


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

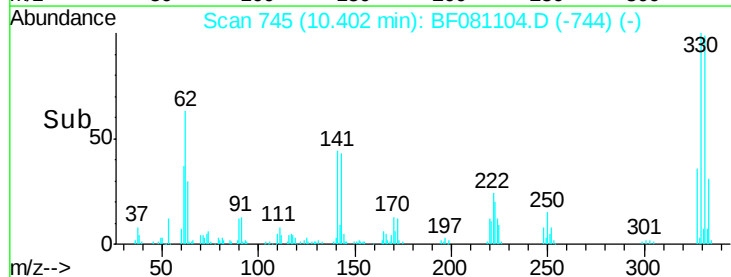
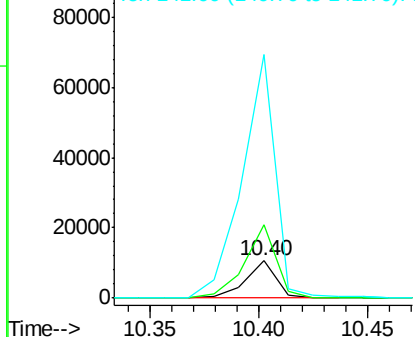


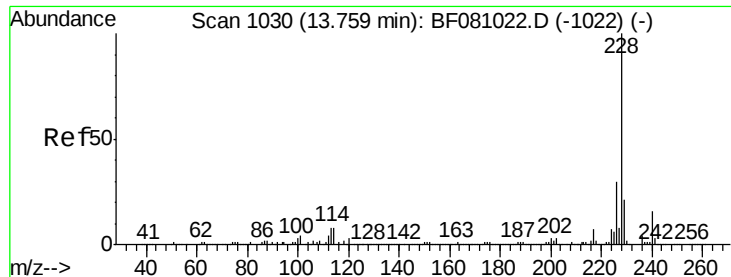
#66
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.28 min
Lab File: BF081104.D
Acq: 20 Aug 2015 3:08

Tgt Ion:248 Resp: 10432
Ion Ratio Lower Upper
248 100
250 196.5 77.8 116.6#
141 650.3 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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081104.D

Acq: 20 Aug 2015 3:08

Instrument :

BNA_F

ClientSampled :

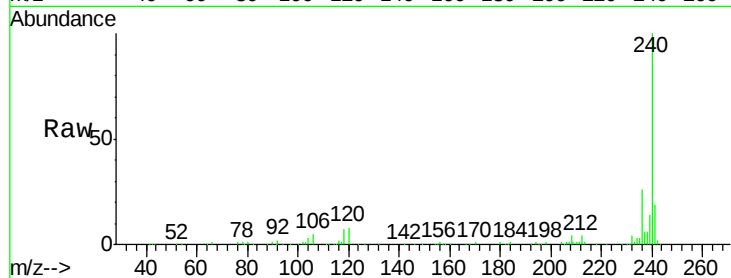
Tot Ion:240 Resp: 220390

Ion Ratio Lower Upper

240 100

120 7.7 5.6 8.4

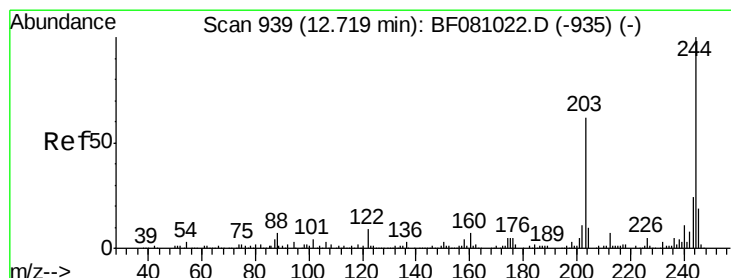
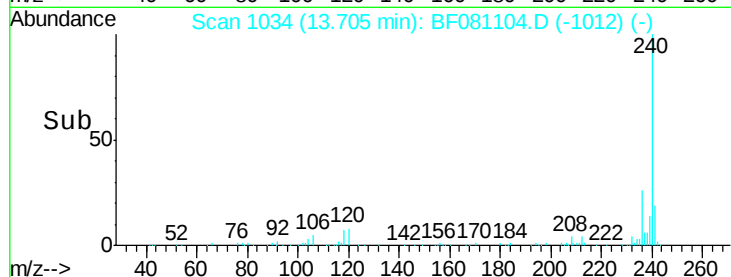
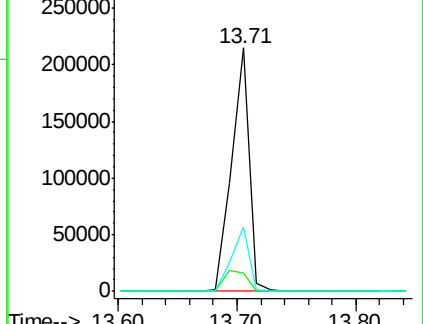
236 26.2 20.6 30.8



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: 73.70 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081104.D

Acq: 20 Aug 2015 3:08

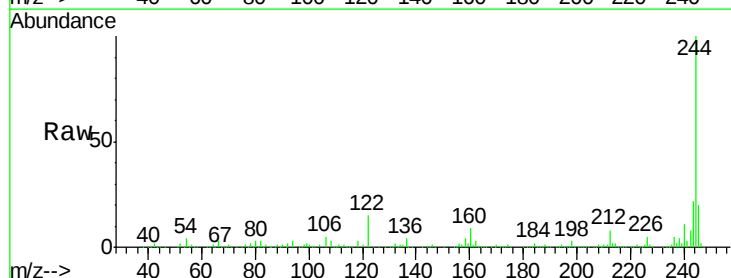
Tgt Ion:244 Resp: 757653

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

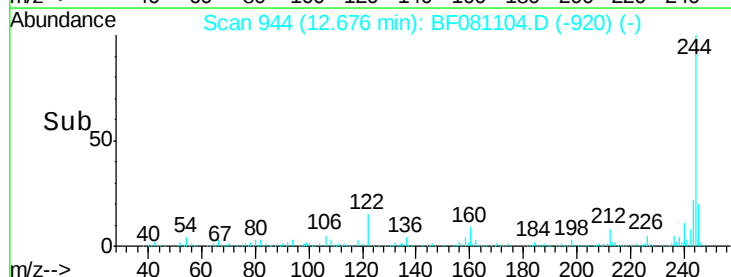
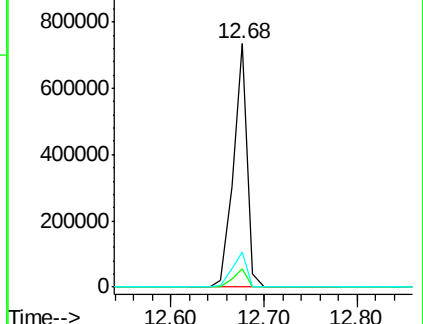
122 14.6 8.2 12.4

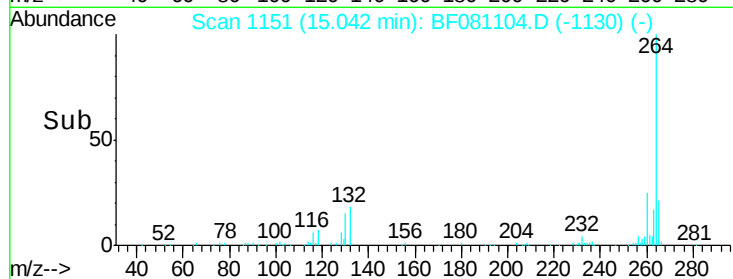
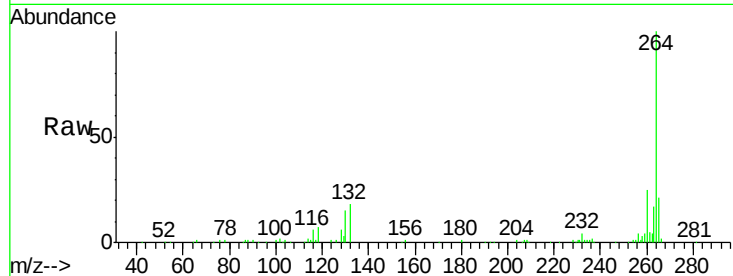
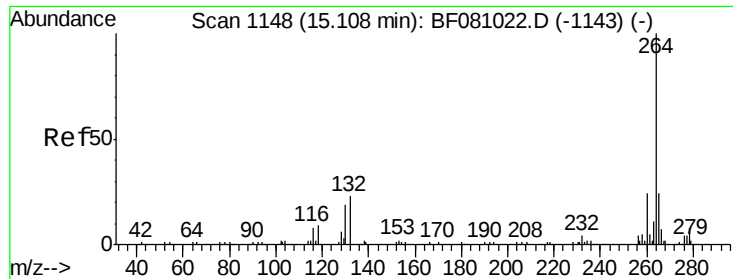


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081104.D
 Acq: 20 Aug 2015 3:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	157548
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	20.9	17.5	26.3

