

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084971.D
 Acq On : 10 Feb 2016 00:07
 Operator : SJ/IZ
 Sample : H1377-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-0-1

Quant Time: Feb 10 03:28:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	165118	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	698506	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	334413	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	568273	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	413699	20.00	ng	-0.07
86) Perylene-d12	15.13	264	328499	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1396727	131.76	ng	-0.05
7) Phenol-d6	6.29	99	1801463	137.08	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1198217	96.63	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	483147	138.51	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1857068	98.97	ng	-0.06
78) Terphenyl-d14	12.73	244	1434529	78.58	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.18	77	116750	15.04	ng	93
15) Benzyl Alcohol	6.78	79	21683	2.39	ng	# 47
19) n-Nitroso-di-n-propylamine	7.21	70	166659	20.23	ng	# 72
49) Dimethylphthalate	9.40	163	427358	16.78	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	41888	5.90	ng	# 22
66) 4-Bromophenyl-phenylether	10.45	248	27245	4.34	ng	# 1
76) Benizidine	12.73	184	19575	7.78	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084971.D

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ClientSampleId :

SB04-0-1

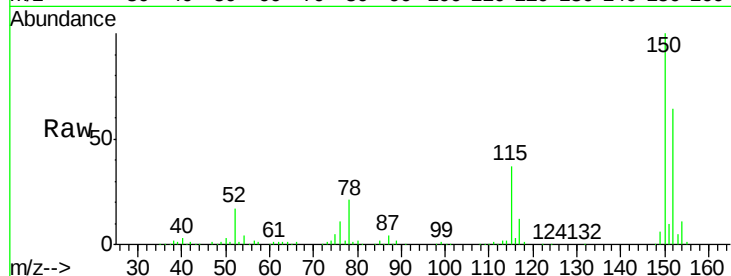
Tgt Ion:152 Resp: 165118

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

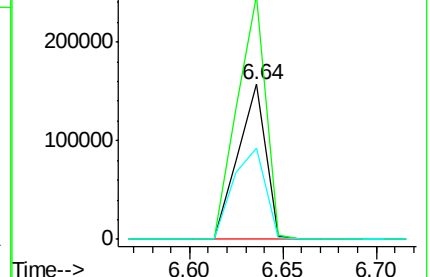
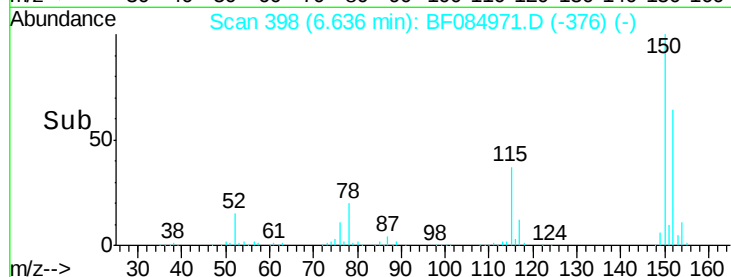
115 58.5 51.4 77.2



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: 131.76 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

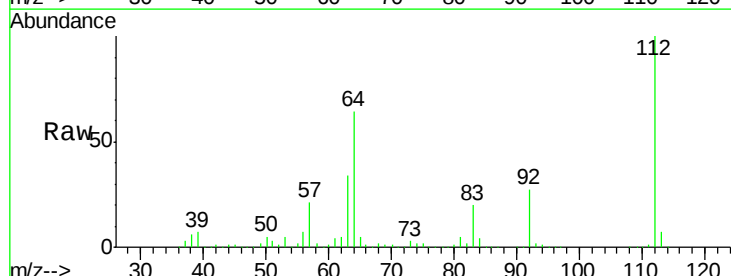
Tgt Ion:112 Resp: 1396727

Ion Ratio Lower Upper

112 100

64 63.6 36.6 55.0#

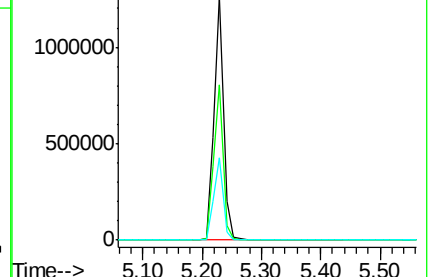
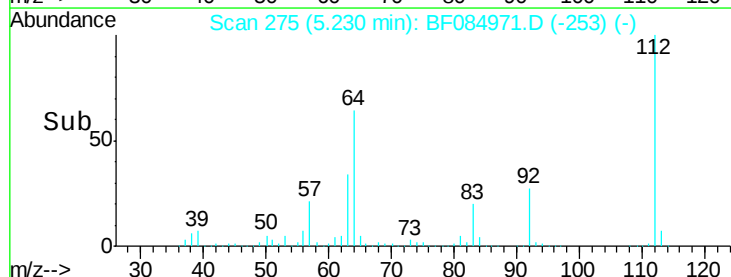
63 34.0 19.4 29.0#



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: 137.08 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

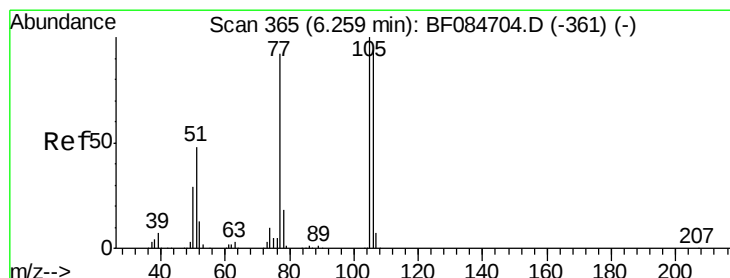
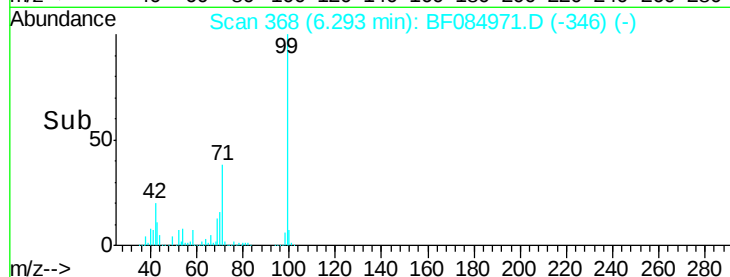
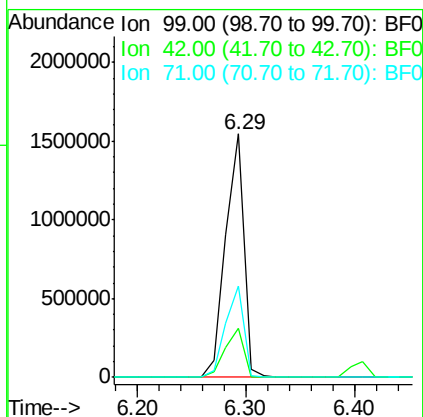
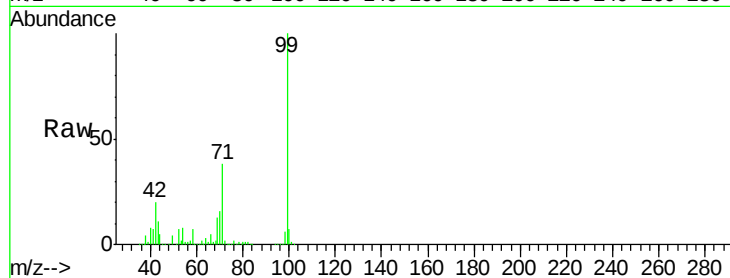
Tgt Ion: 99 Resp: 1801463

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

71 37.6 30.9 46.3



#9

Benzaldehyde

Concen: 15.04 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

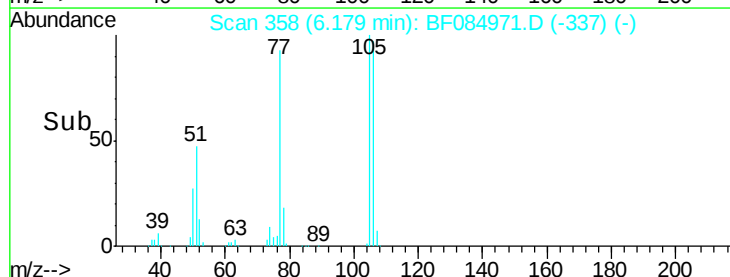
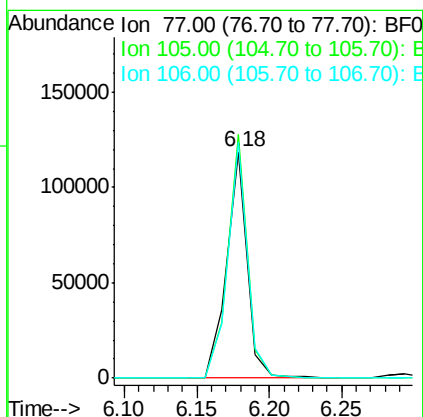
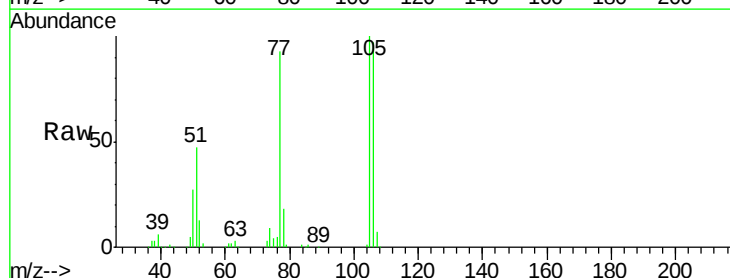
Tgt Ion: 77 Resp: 116750

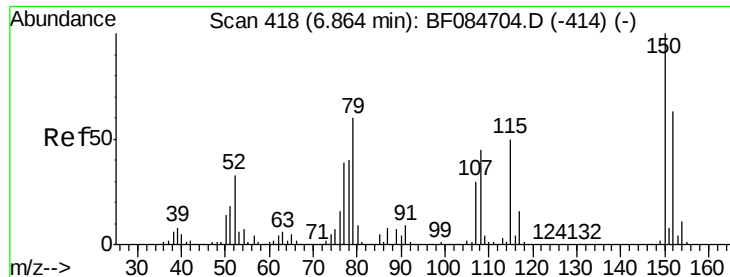
Ion Ratio Lower Upper

77 100

105 107.8 83.0 123.0

106 104.6 74.6 114.6





#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

BNA_F

ClientSampled :

SB04-0-1

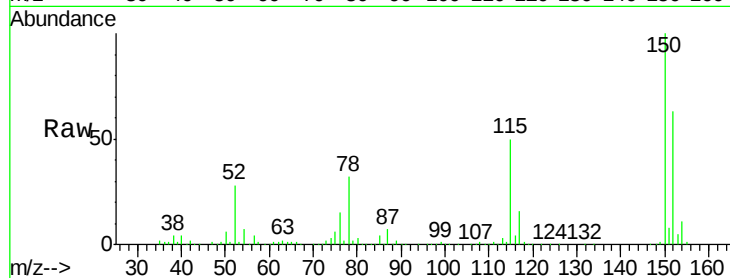
Tgt Ion: 79 Resp: 21683

Ion Ratio Lower Upper

79 100

108 23.5 69.0 103.4#

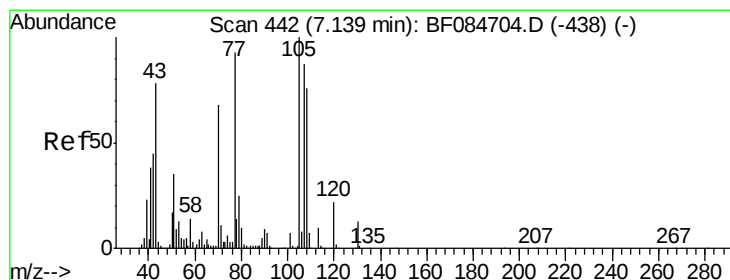
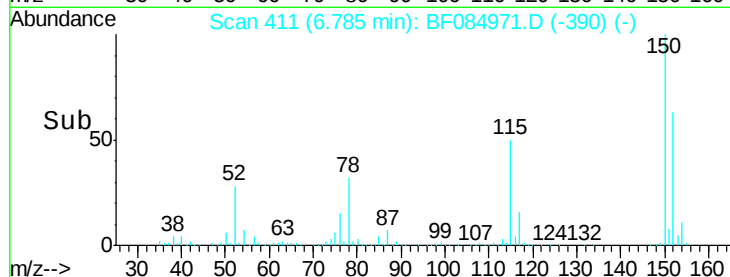
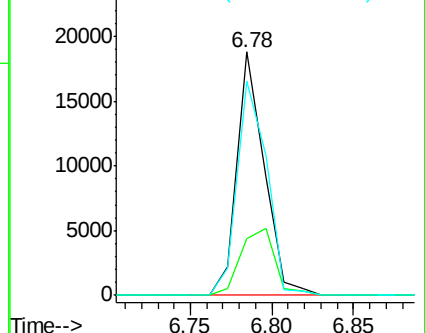
77 87.7 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 20.23 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Tgt Ion: 70 Resp: 166659

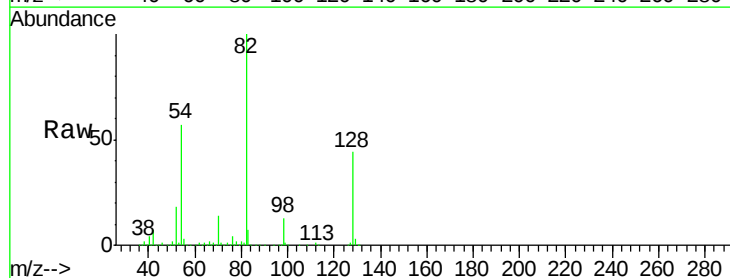
Ion Ratio Lower Upper

70 100

42 48.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

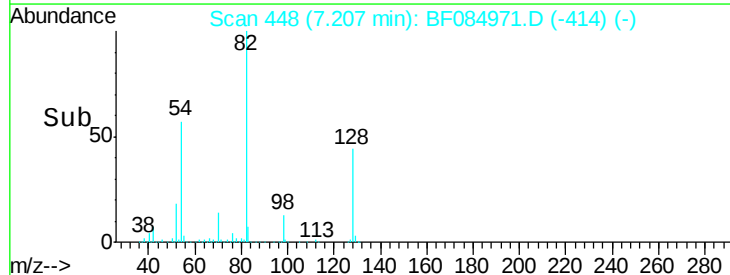
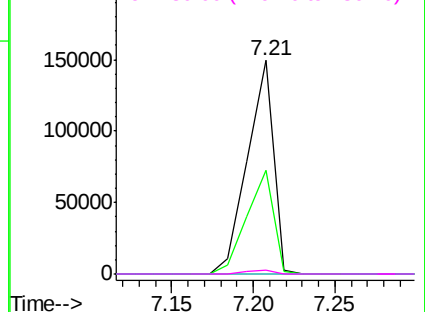


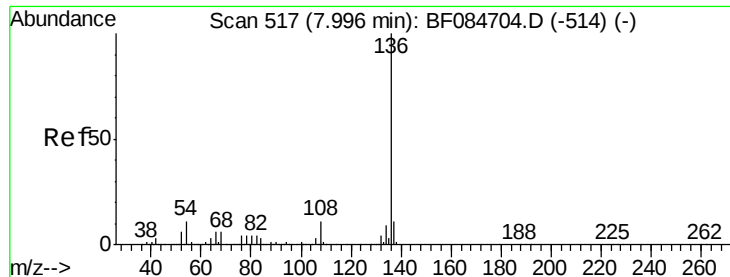
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

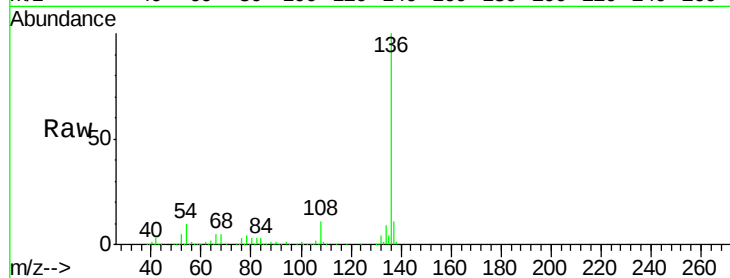
Instrument :

BNA_F

ClientSampleId :

SB04-0-1

Tgt Ion:	136	Resp:	698506
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.8	5.8	8.8#
68	5.4	4.2	6.2



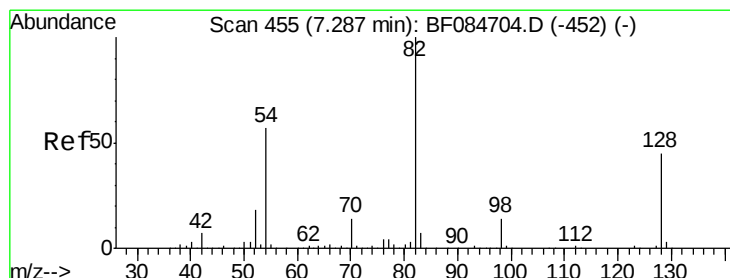
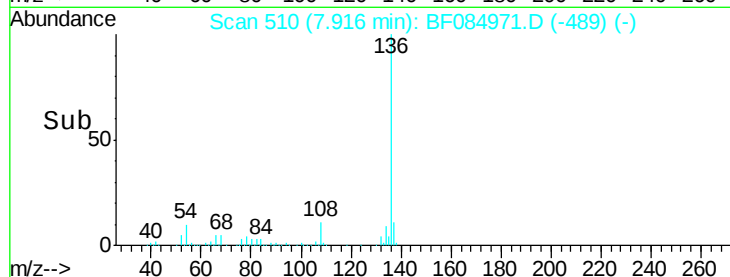
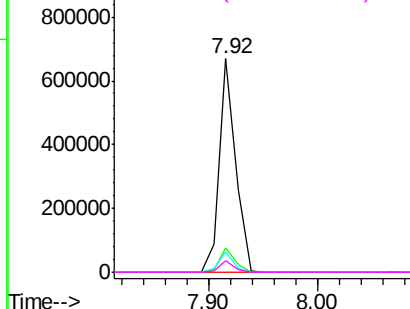
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 96.63 ng

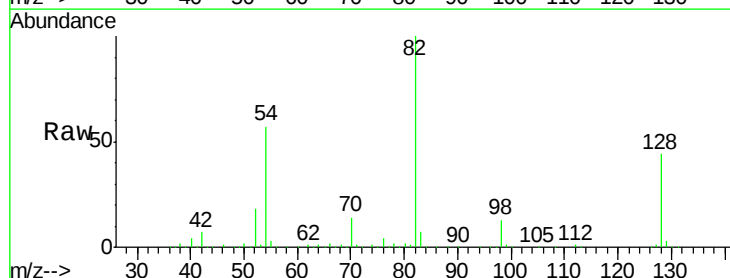
RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Tgt Ion:	82	Resp:	1198217
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	56.6	38.4	57.6

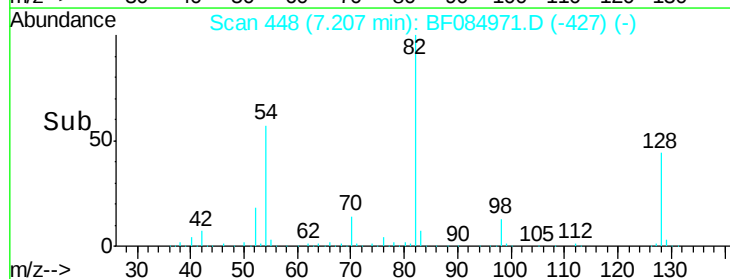
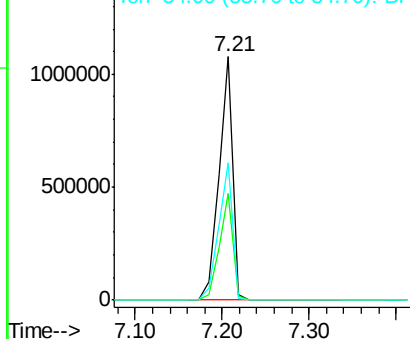


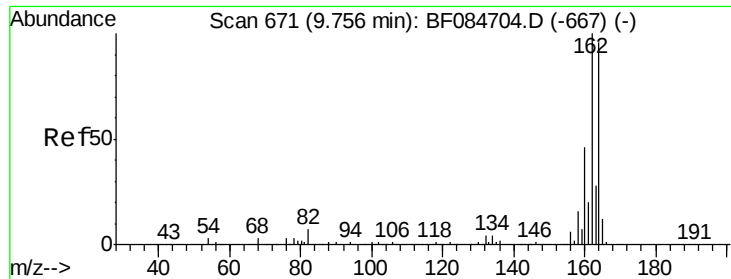
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

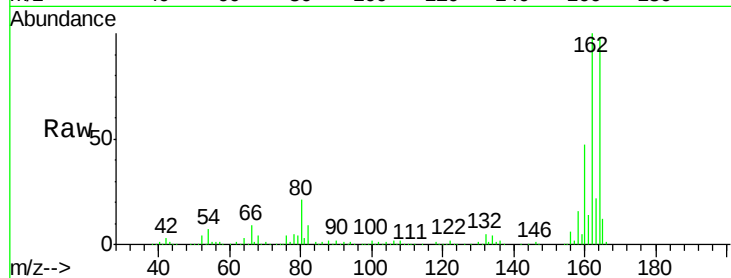




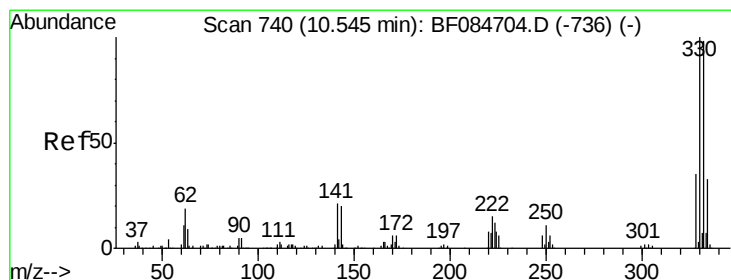
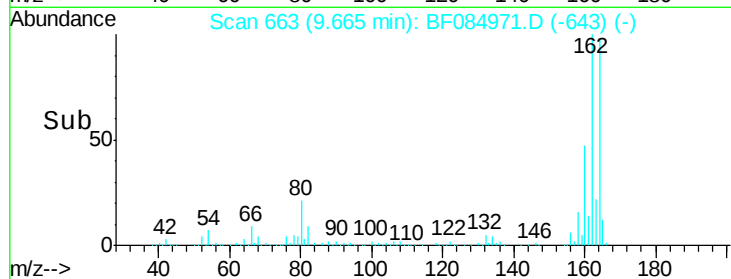
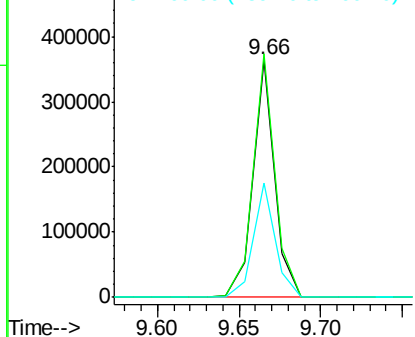
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF084971.D
Acq: 10 Feb 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SB04-0-1

Tgt Ion:164 Resp: 334413
Ion Ratio Lower Upper
164 100
162 102.5 85.1 127.7
160 48.0 37.5 56.3

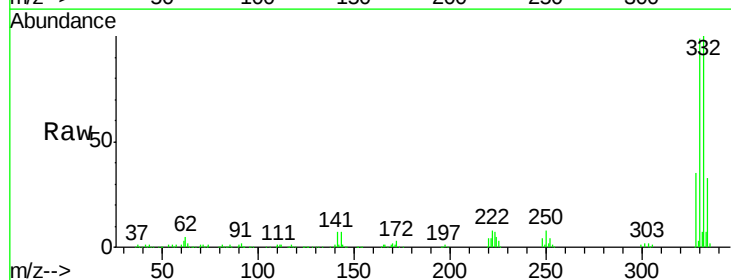


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

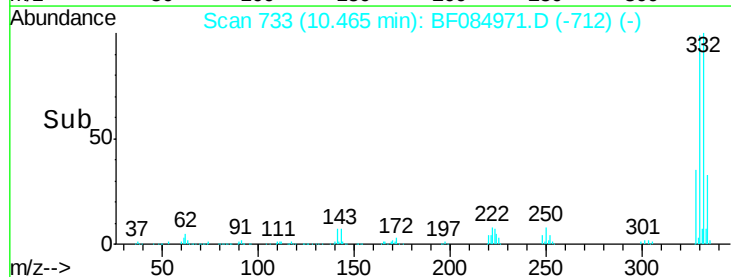
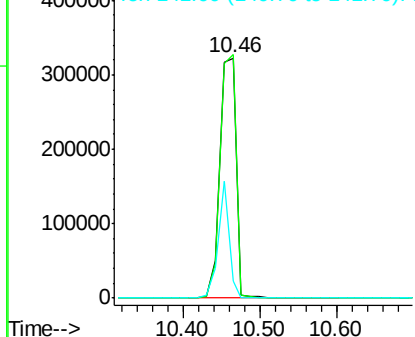


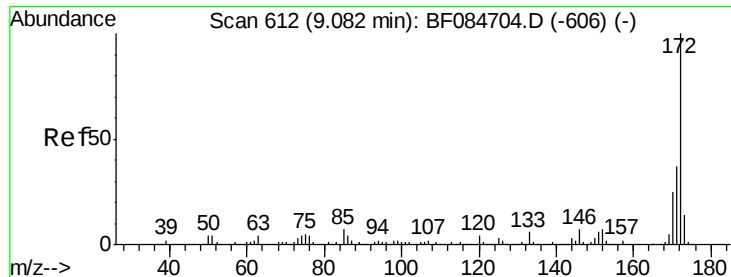
#41
2,4,6-Tribromophenol
Concen: 138.51 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.06 min
Lab File: BF084971.D
Acq: 10 Feb 2016 00:07

Tgt Ion:330 Resp: 483147
Ion Ratio Lower Upper
330 100
332 99.7 76.6 114.8
141 32.4 27.8 41.6



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

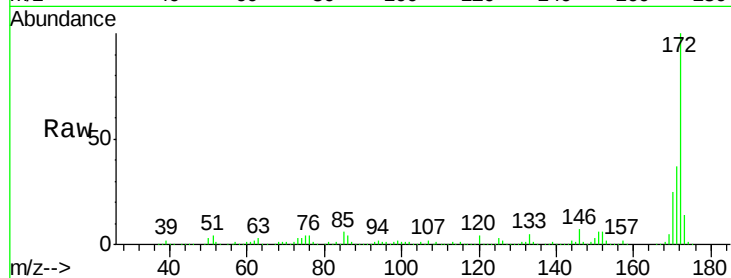




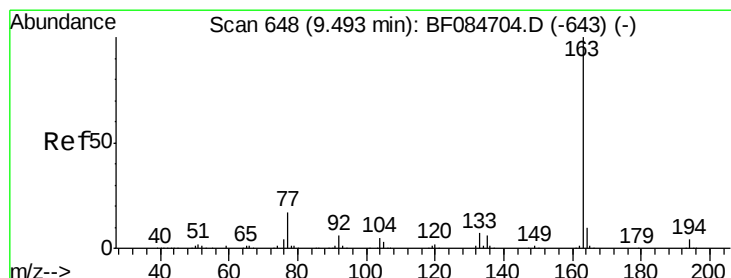
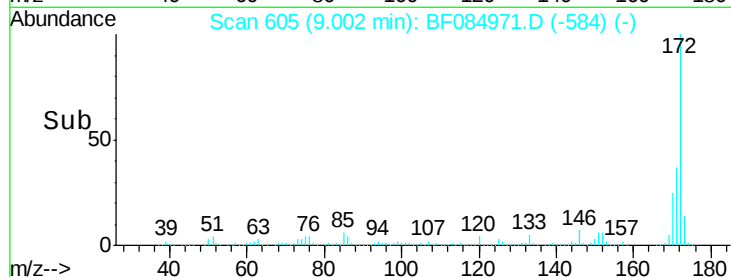
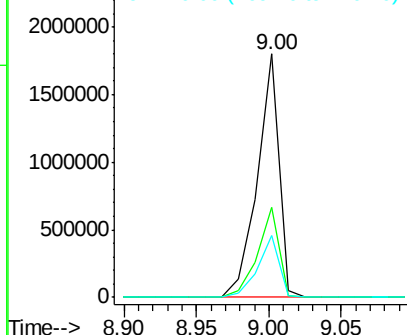
#44
2-Fluorobiphenyl
Concen: 98.97 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084971.D
Acq: 10 Feb 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SB04-0-1

Tgt Ion:172 Resp: 1857068
Ion Ratio Lower Upper
172 100
171 37.0 28.9 43.3
170 25.2 18.6 27.8

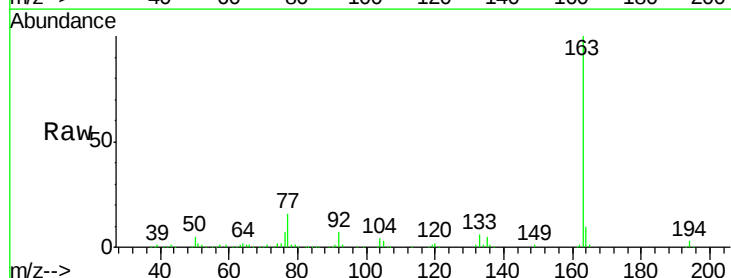


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

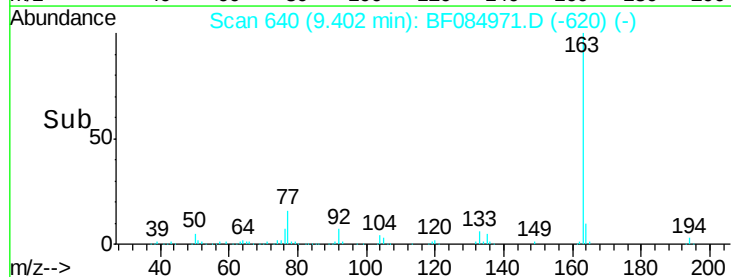
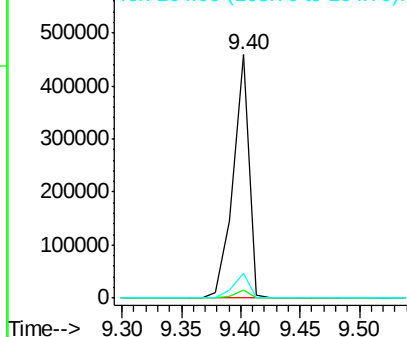


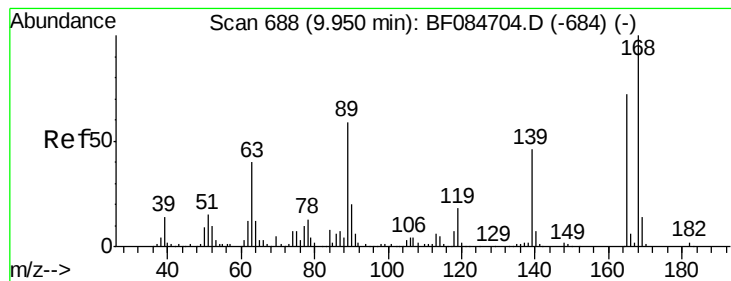
#49
Dimethylphthalate
Concen: 16.78 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084971.D
Acq: 10 Feb 2016 00:07

Tgt Ion:163 Resp: 427358
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.0 8.0 12.0



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

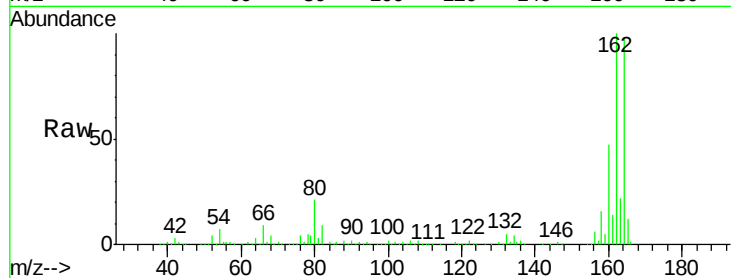




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.26 min
 Lab File: BF084971.D
 Acq: 10 Feb 2016 00:07

Instrument :
 BNA_F
 ClientSampleId :
 SB04-0-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#

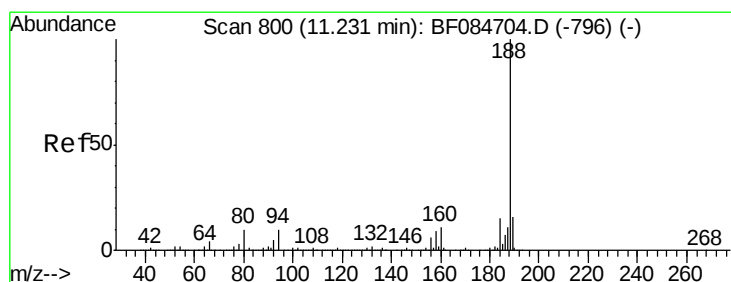
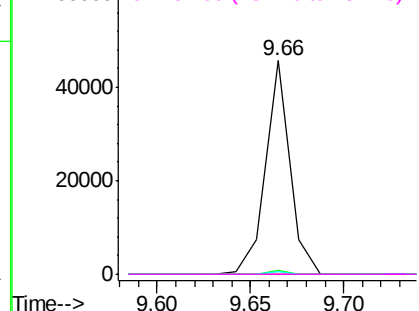
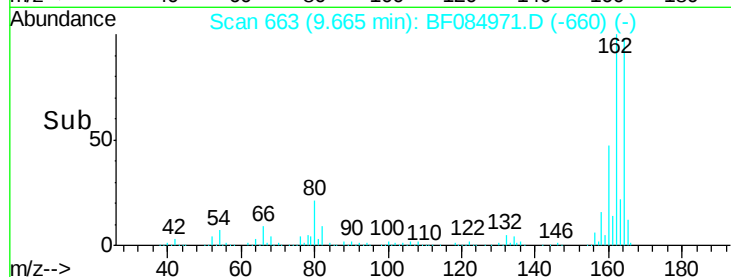


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

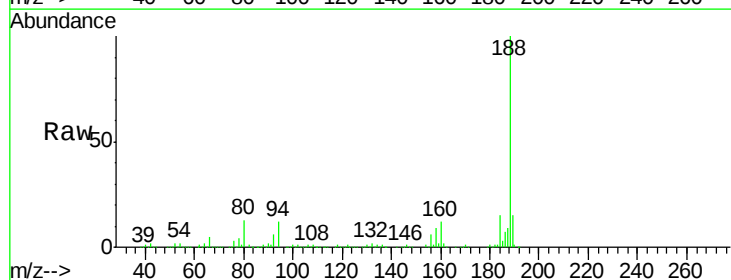
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.07 min
 Lab File: BF084971.D
 Acq: 10 Feb 2016 00:07

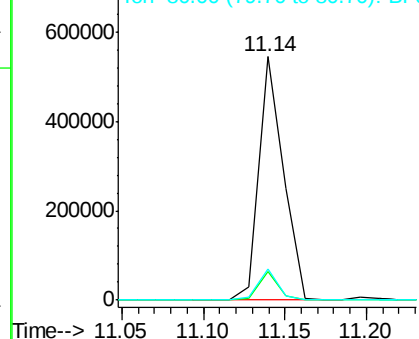
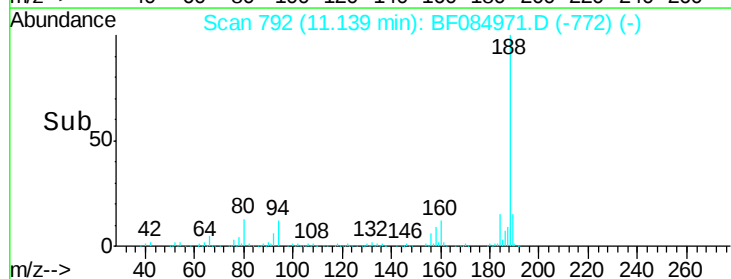
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.0	13.4
80	12.7	9.6	14.4

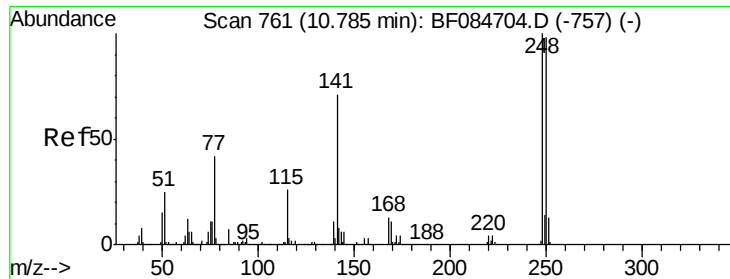


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.34 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.31 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

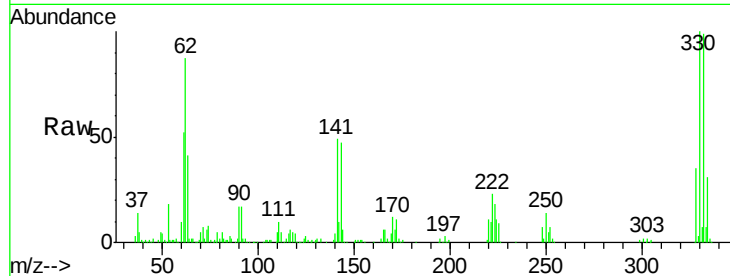
Tgt Ion:248 Resp: 27245

Ion Ratio Lower Upper

248 100

250 201.7 78.4 117.6#

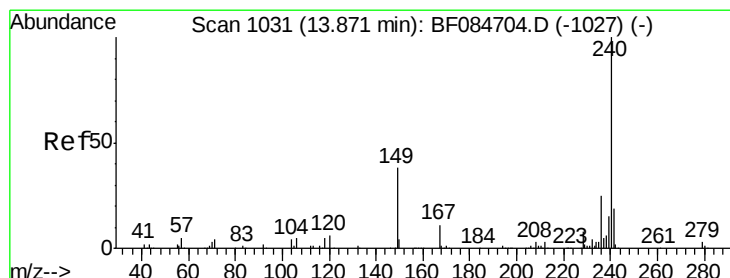
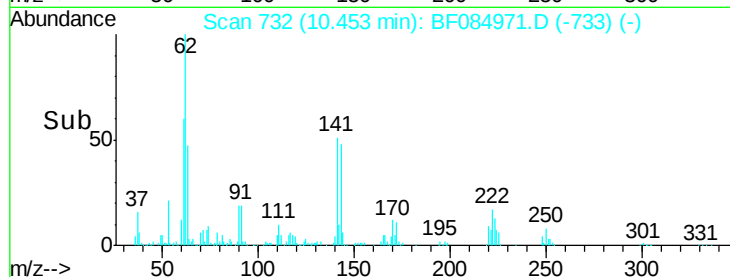
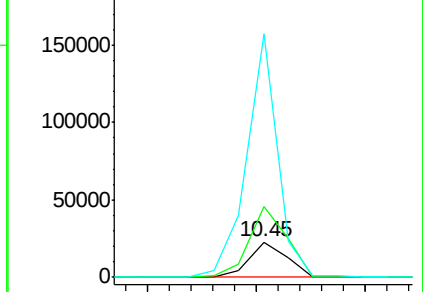
141 690.6 44.0 66.0#



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: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

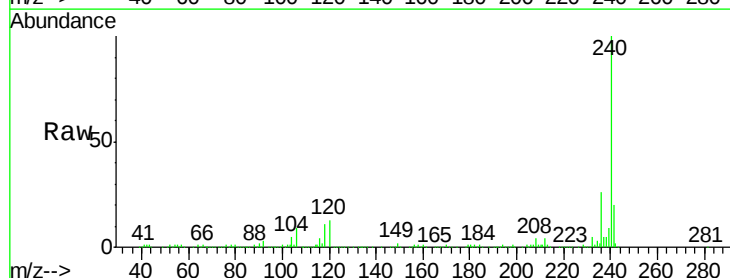
Tgt Ion:240 Resp: 413699

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

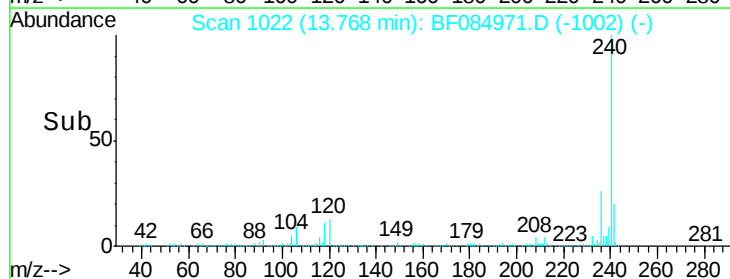
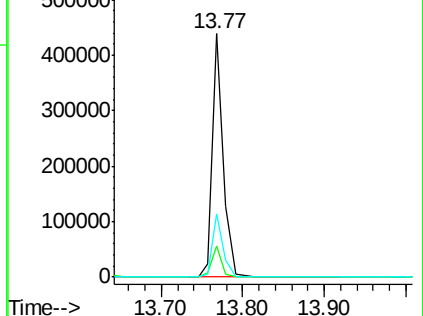
236 25.9 20.6 31.0

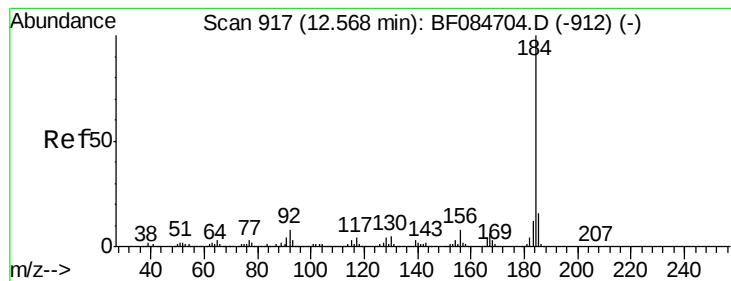


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.78 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.18 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

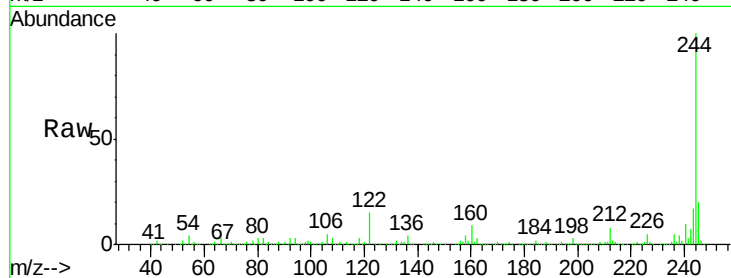
Tgt Ion:184 Resp: 19575

Ion Ratio Lower Upper

184 100

185 16.5 12.2 18.2

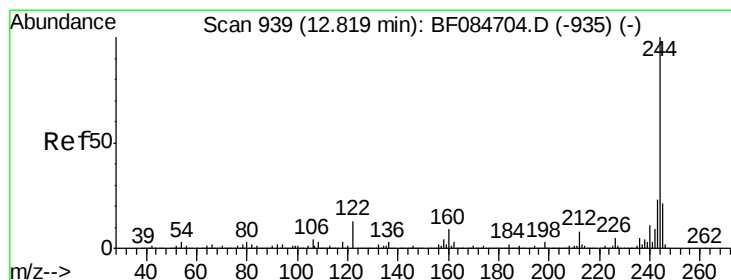
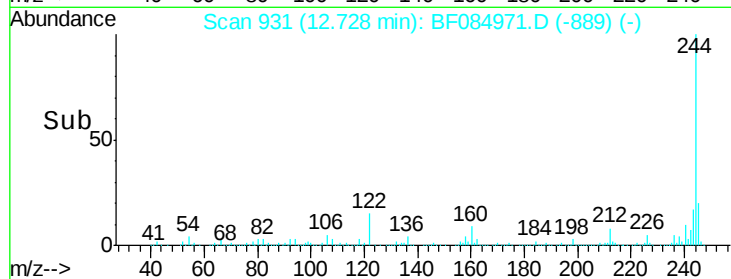
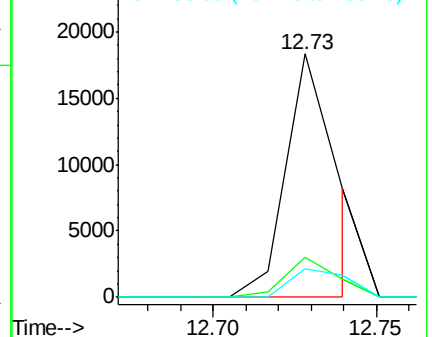
183 11.9 9.8 14.8



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: 78.58 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

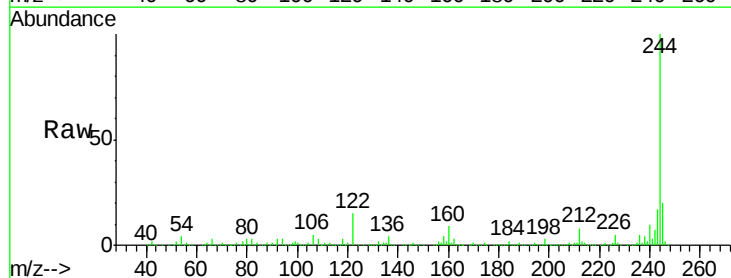
Tgt Ion:244 Resp: 1434529

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

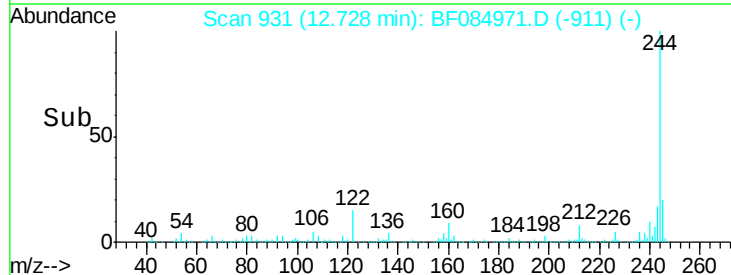
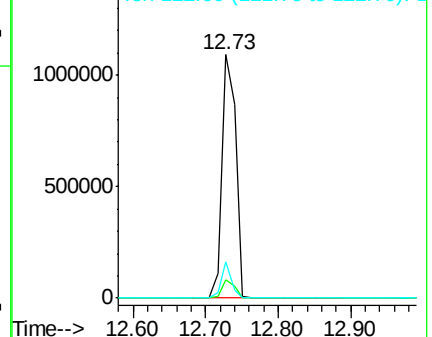
122 14.6 7.4 11.0#

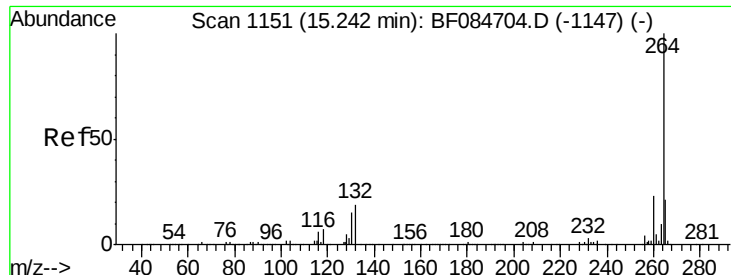


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084971.D
Acq: 10 Feb 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SB04-0-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.2
265	21.6	17.8	26.6

