

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077954.D
 Acq On : 25 Mar 2015 16:33
 Operator : TP/IZ
 Sample : PB82256BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BL

Quant Time: Mar 26 00:02:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

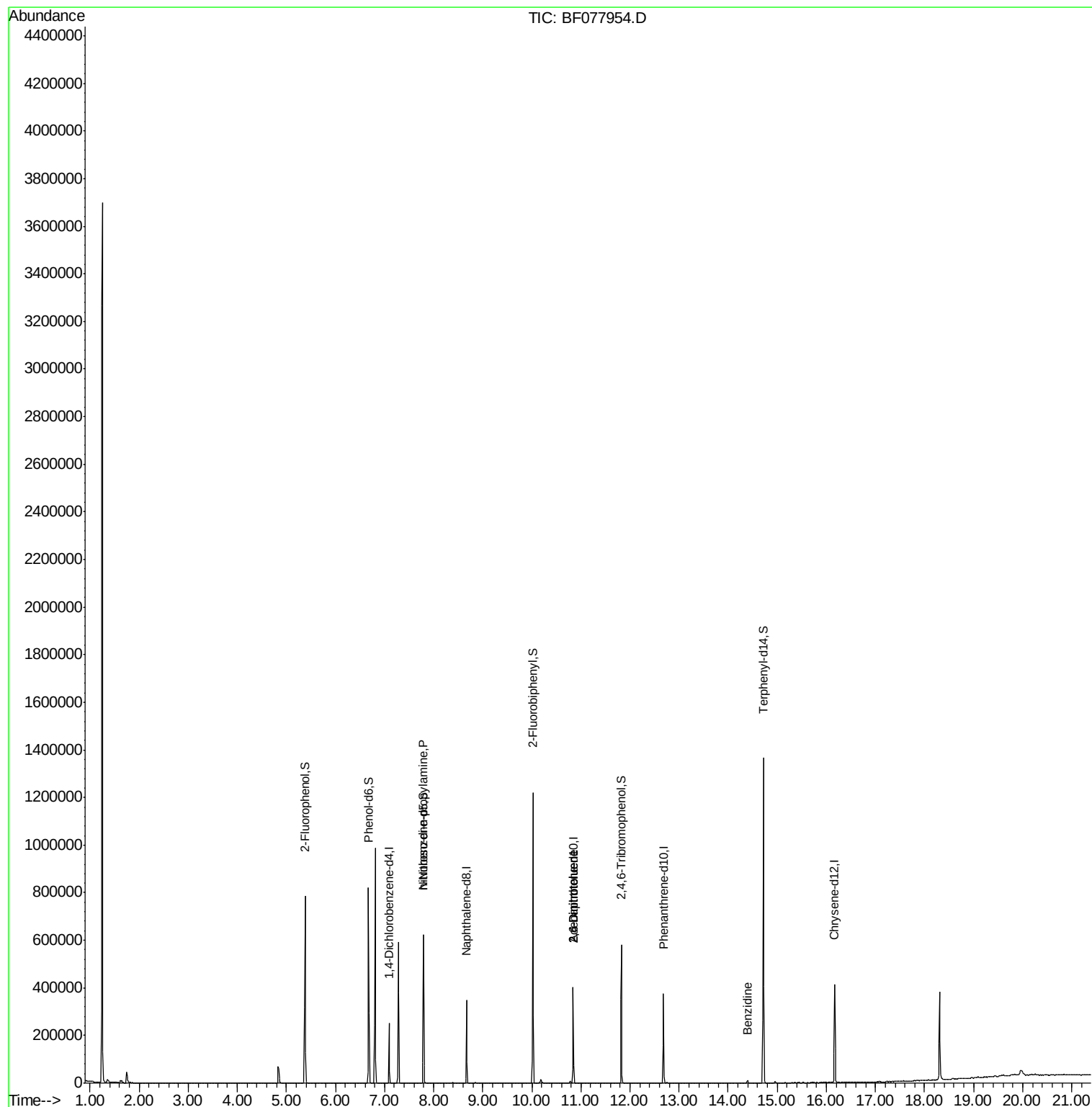
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	38903	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	161898	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	80280	20.00	ng	0.00
63) Phenanthrene-d10	12.68	188	163211	20.00	ng	0.00
75) Chrysene-d12	16.17	240	184410	20.00	ng	0.19
86) Perylene-d12	0.00	264	0	0.00	ng	-17.75
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	263159	118.08	ng	0.00
7) Phenol-d6	6.67	99	311726	113.21	ng	0.00
23) Nitrobenzene-d5	7.79	82	188154	76.18	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	80406	104.68	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	389607	71.32	ng	0.00
78) Terphenyl-d14	14.72	244	508814	67.40	ng	0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	24041	12.62	ng	# 81
50) 2,6-Dinitrotoluene	10.84	165	11292	9.15	ng	# 24
56) 2,4-Dinitrotoluene	10.84	165	9956	6.19	ng	# 11
76) Benzidine	14.40	184	11372	2.03	ng	# 97

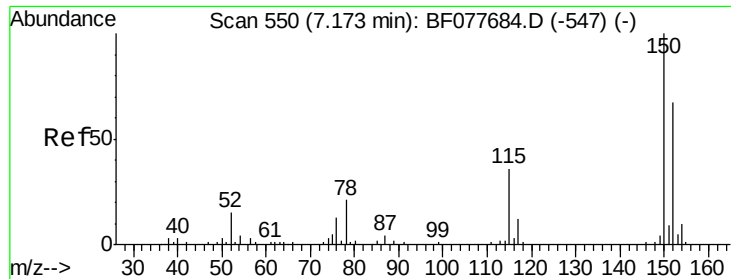
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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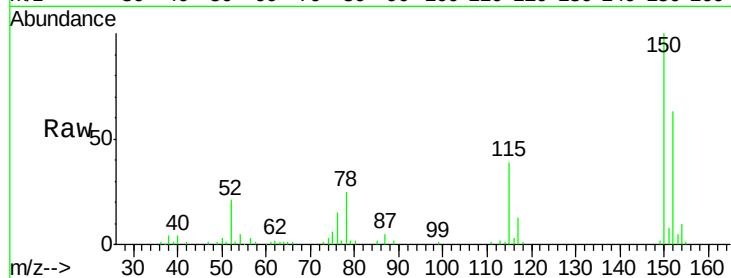




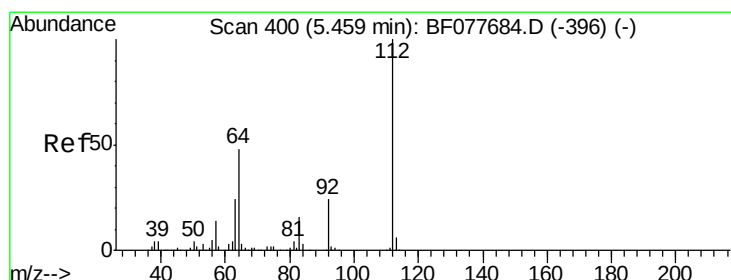
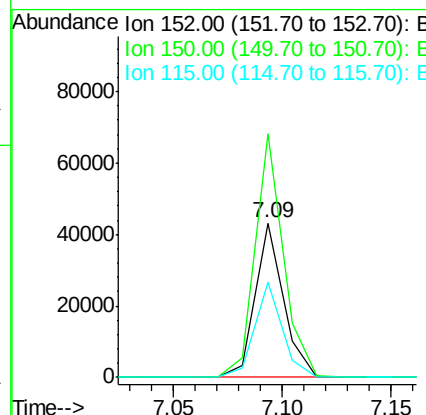
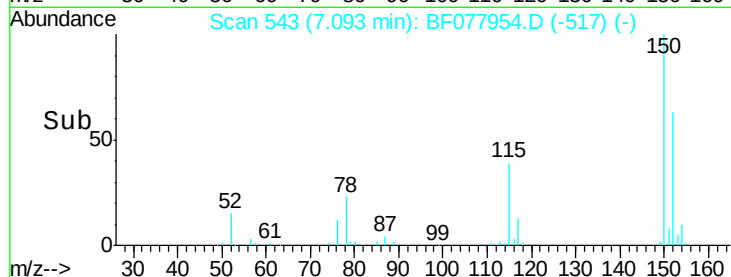
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077954.D
 Acq: 25 Mar 2015 16:33

Instrument :
 BNA_F
 ClientSampled :
 PB82256BL

Tgt Ion:152 Resp: 38903
 Ion Ratio Lower Upper
 152 100
 150 158.1 119.5 179.3
 115 61.7 43.0 64.4

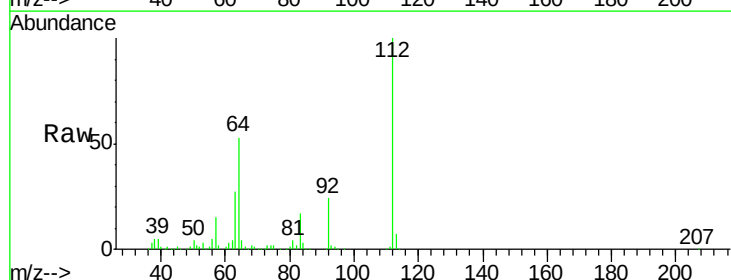


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

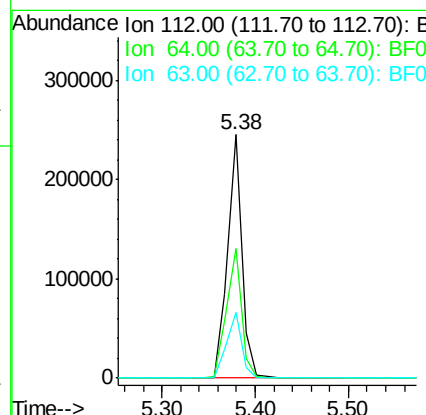
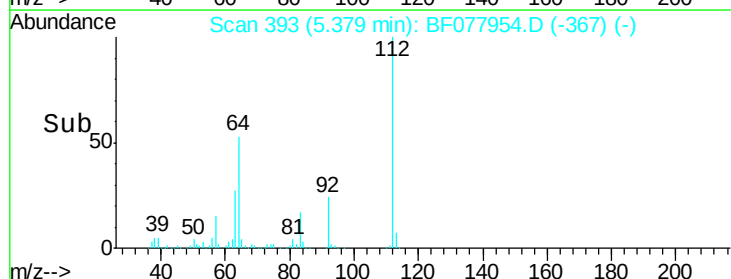


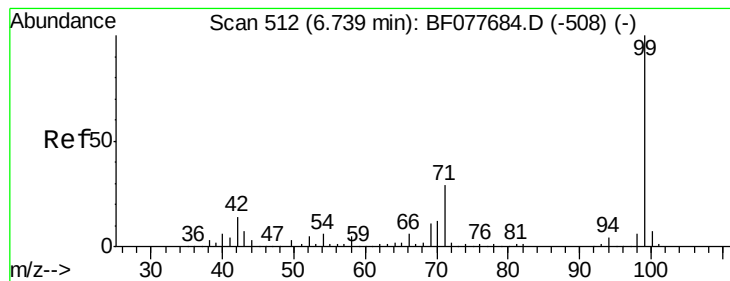
#5
 2-Fluorophenol
 Concen: 118.08 ng
 RT: 5.38 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF077954.D
 Acq: 25 Mar 2015 16:33

Tgt Ion:112 Resp: 263159
 Ion Ratio Lower Upper
 112 100
 64 53.1 38.6 57.8
 63 27.1 19.3 28.9



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: 113.21 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB82256BL

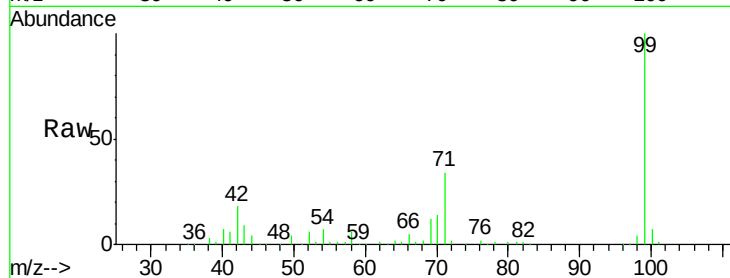
Tgt Ion: 99 Resp: 311726

Ion Ratio Lower Upper

99 100

42 18.4 11.0 16.4#

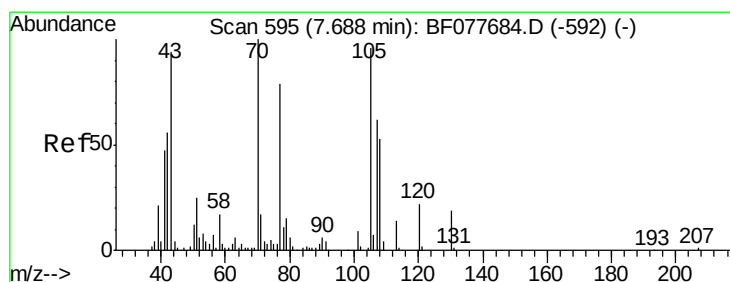
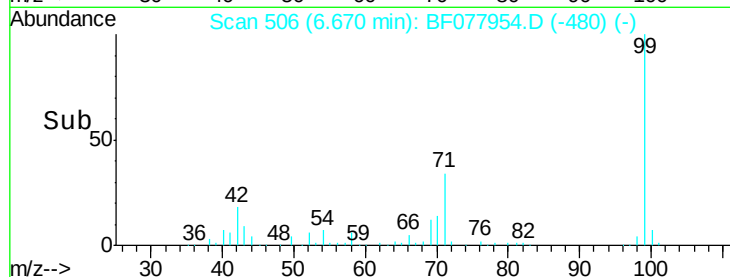
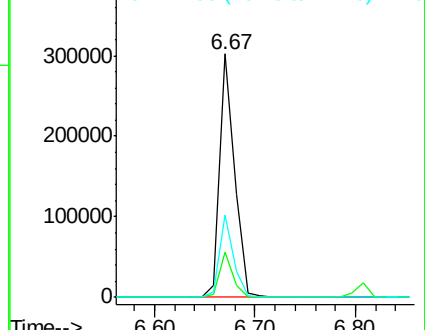
71 33.8 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.62 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Tgt Ion: 70 Resp: 24041

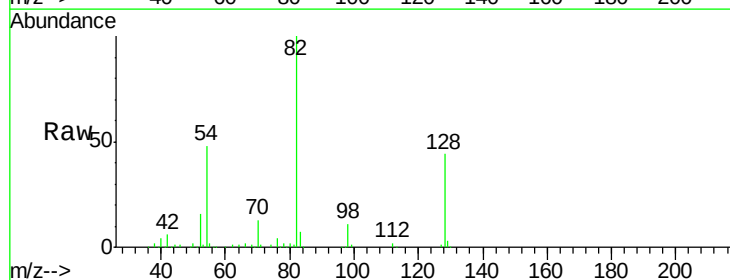
Ion Ratio Lower Upper

70 100

42 46.8 44.5 66.7

101 0.0 7.4 11.2#

130 2.0 15.3 22.9#

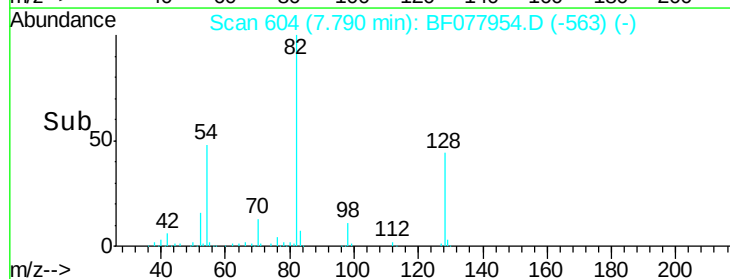
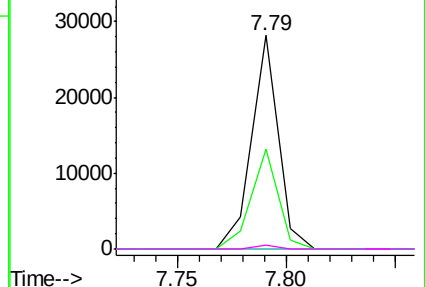


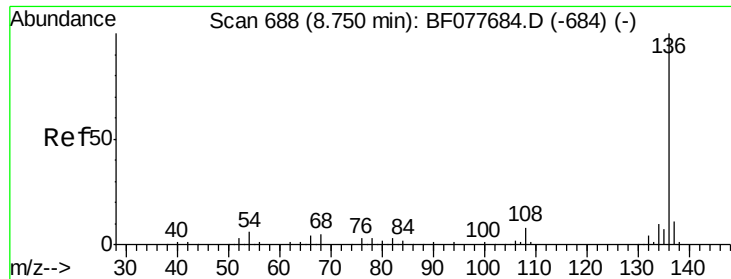
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

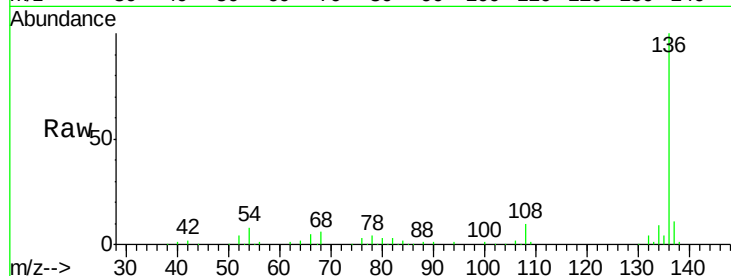




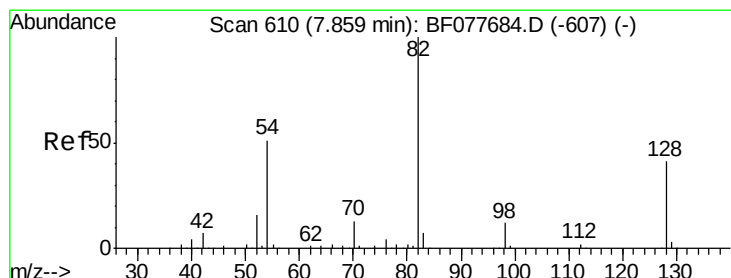
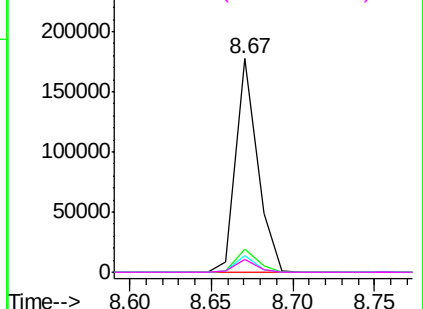
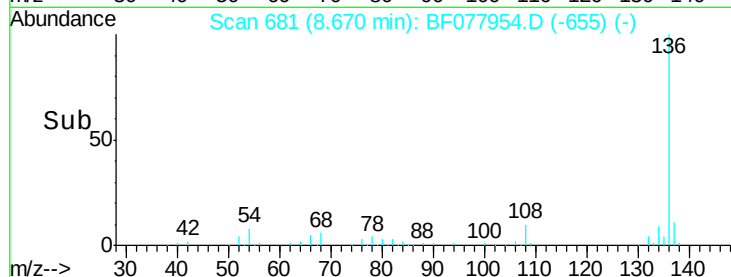
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077954.D
Acq: 25 Mar 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB82256BL

Tgt Ion: 136 Resp: 161898
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 4.6 6.8#
68 6.0 3.7 5.5#

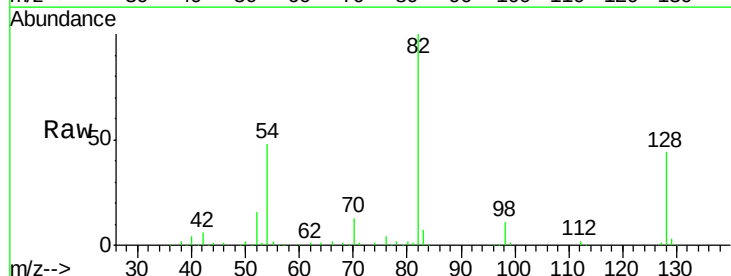


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

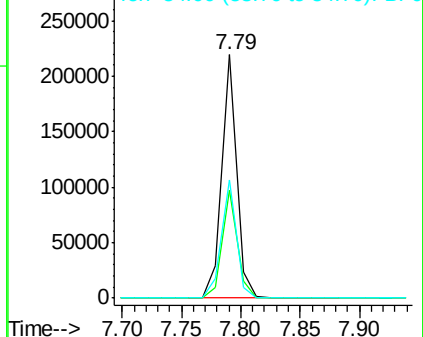
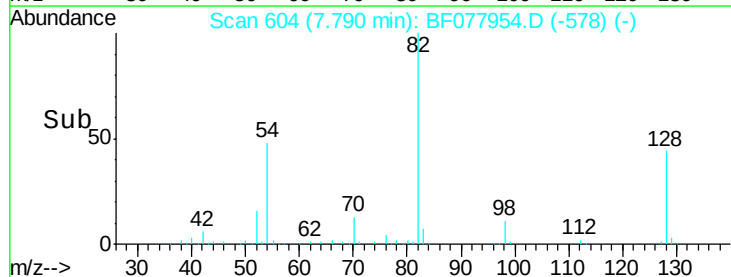


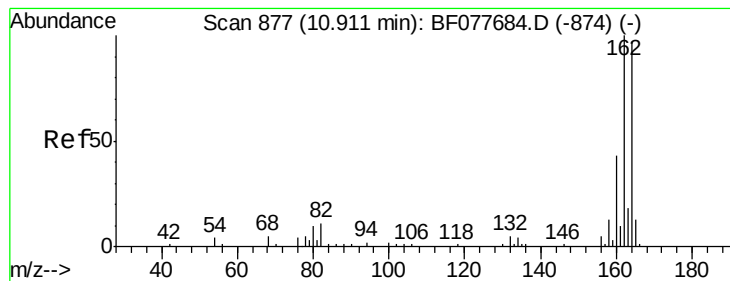
#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077954.D
Acq: 25 Mar 2015 16:33

Tgt Ion: 82 Resp: 188154
Ion Ratio Lower Upper
82 100
128 44.1 32.8 49.2
54 48.5 40.6 60.8



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: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB82256BL

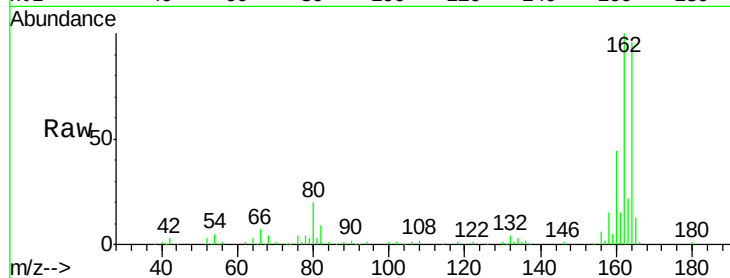
Tgt Ion:164 Resp: 80280

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

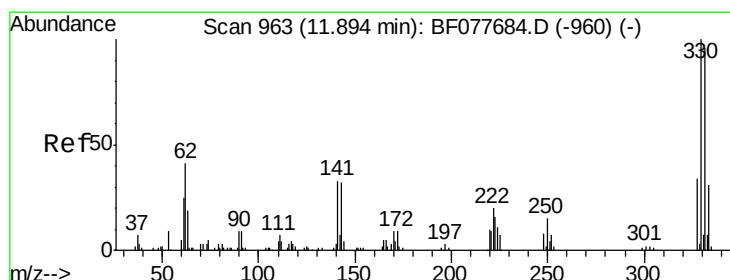
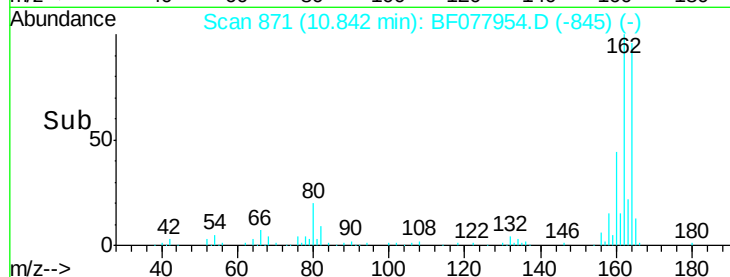
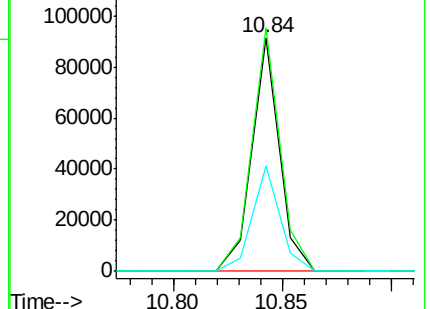
160 45.3 35.8 53.6



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: 104.68 ng

RT: 11.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

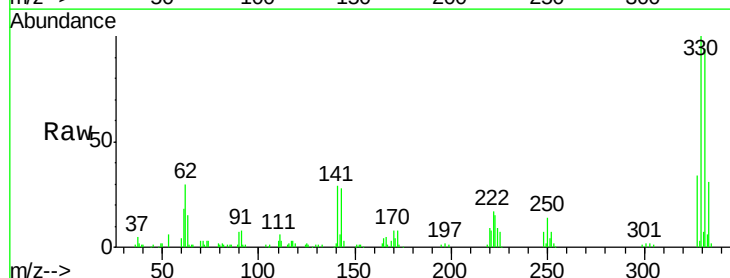
Tgt Ion:330 Resp: 80406

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

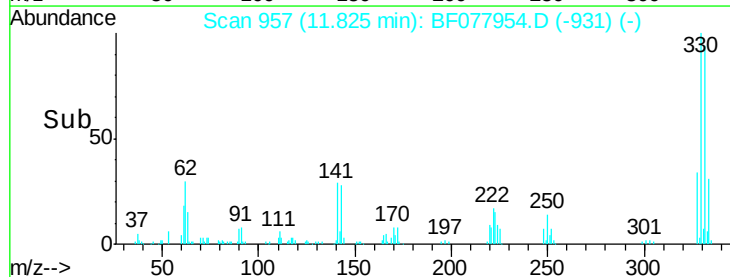
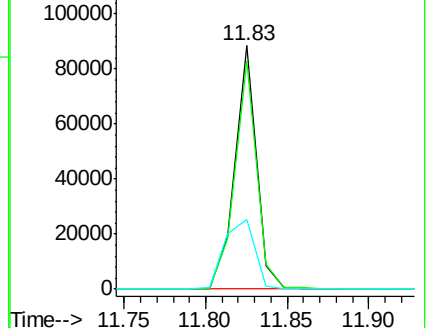
141 40.0 0.0 0.0#

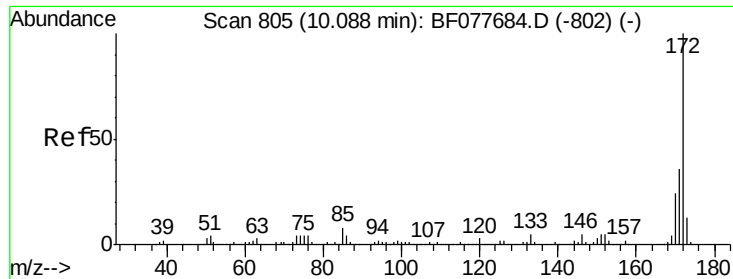


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

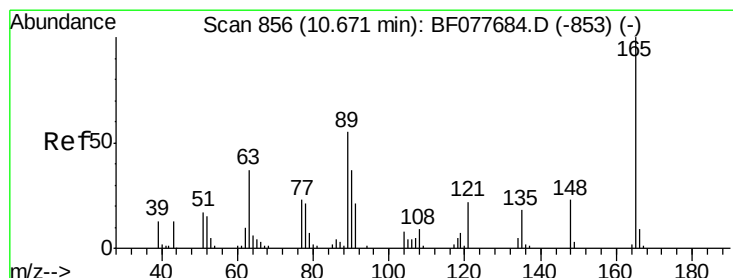
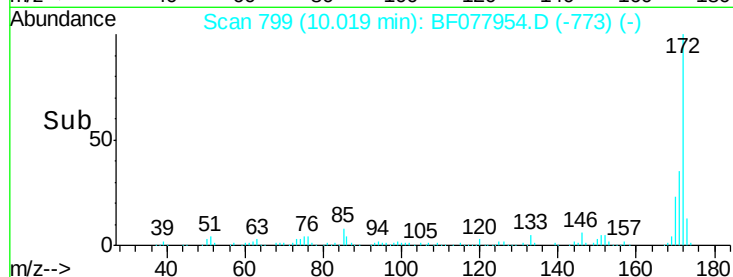
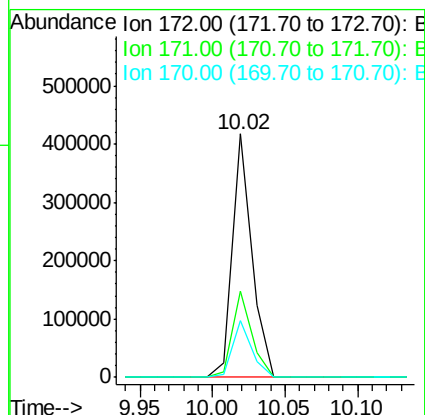
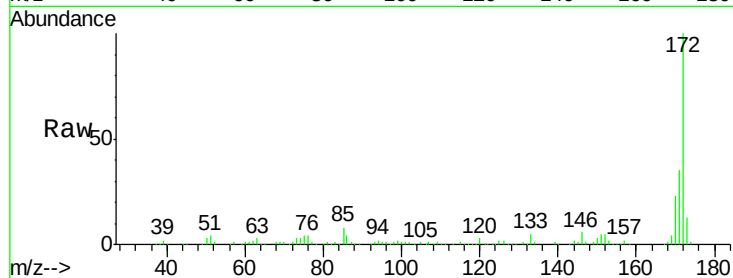




#44
 2-Fluorobiphenyl
 Concen: 71.32 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077954.D
 Acq: 25 Mar 2015 16:33

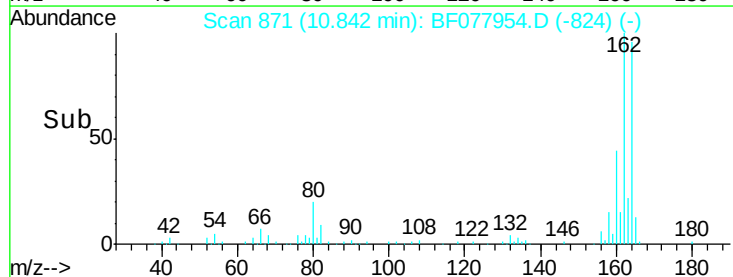
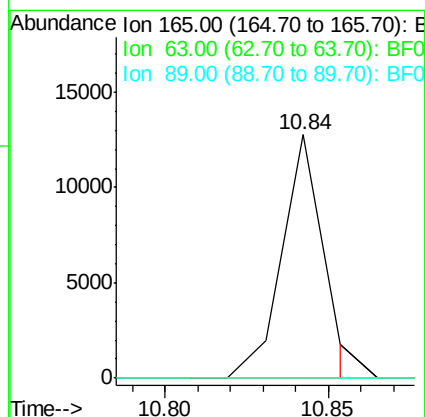
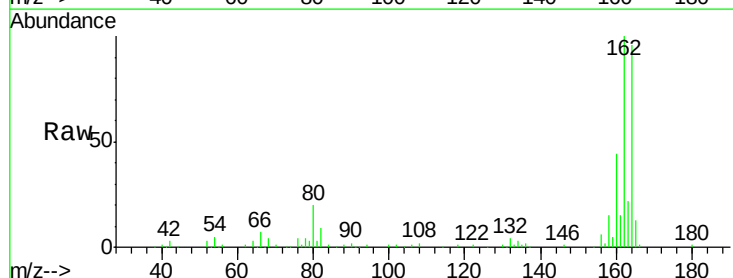
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BL

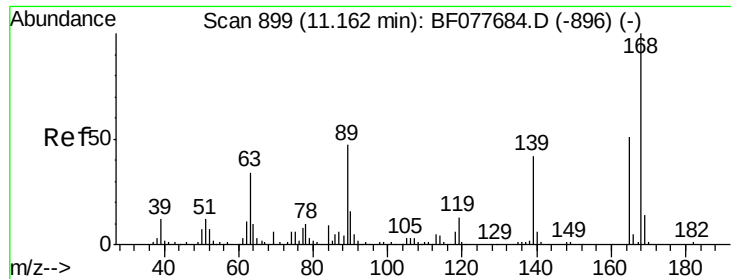
Tgt Ion:172 Resp: 389607
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.5 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 9.15 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077954.D
 Acq: 25 Mar 2015 16:33

Tgt Ion:165 Resp: 11292
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

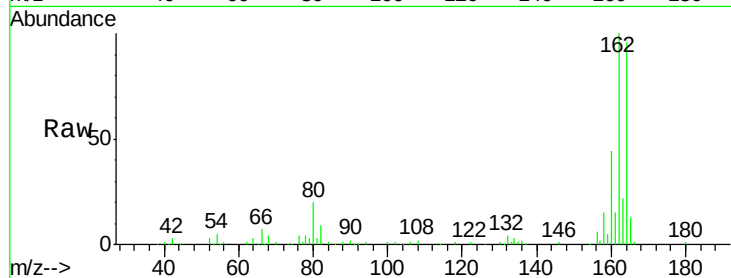




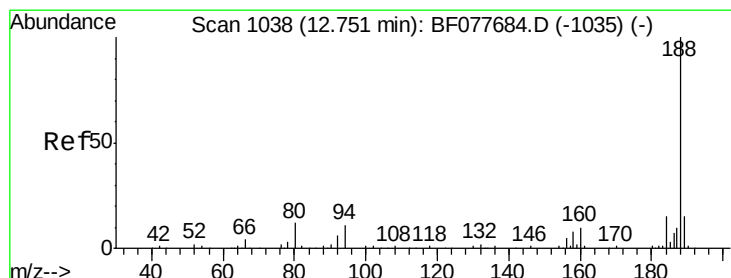
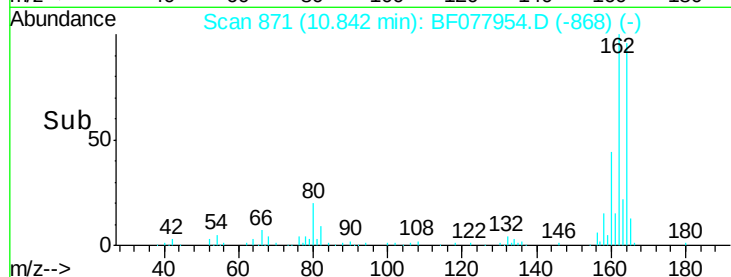
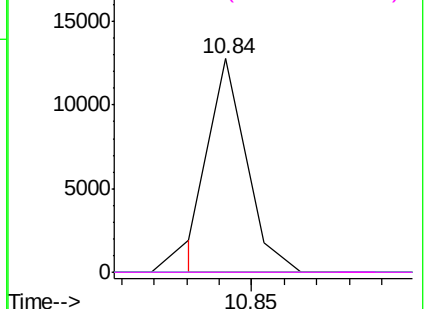
#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.26 min
 Lab File: BF077954.D
 Acq: 25 Mar 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BL

Tgt Ion:165 Resp: 9956
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#

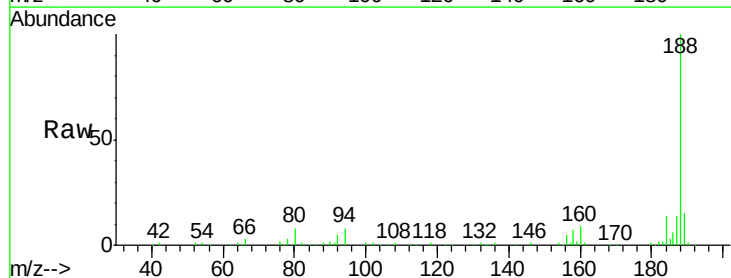


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

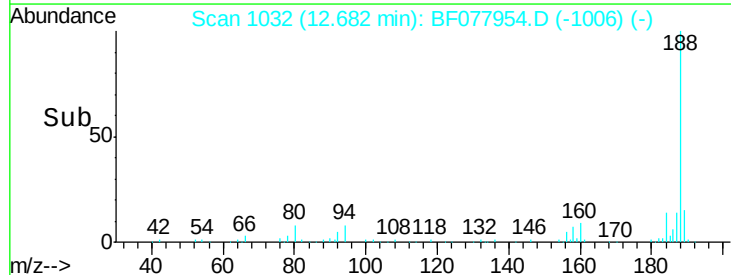
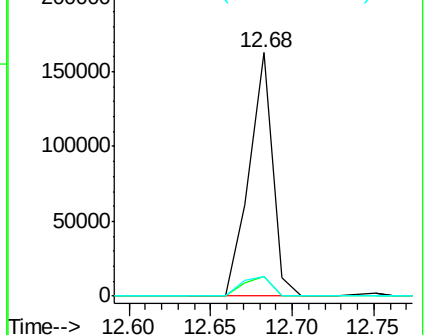


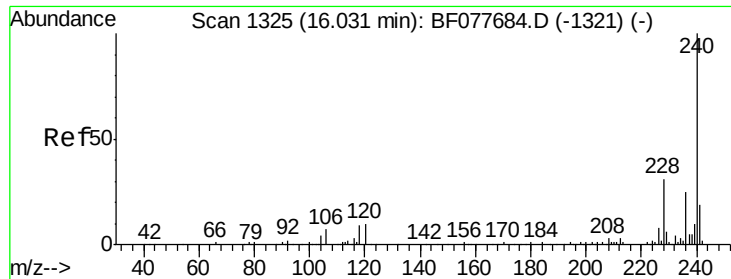
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF077954.D
 Acq: 25 Mar 2015 16:33

Tgt Ion:188 Resp: 163211
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.7 13.1#
 80 8.3 9.3 13.9#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1337

Delta R.T. 0.19 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB82256BL

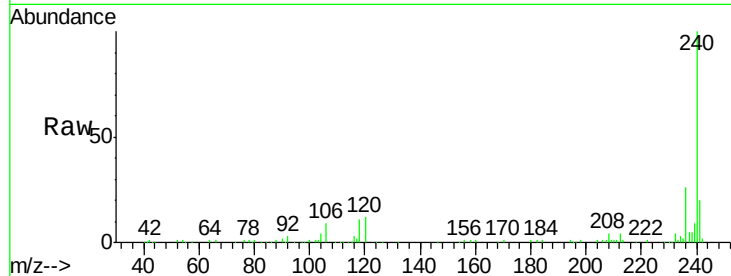
Tgt Ion:240 Resp: 184410

Ion Ratio Lower Upper

240 100

120 12.4 8.2 12.2#

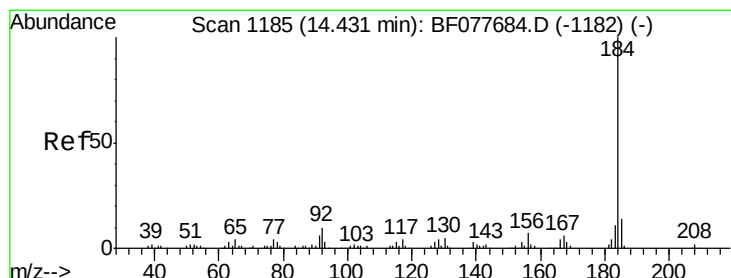
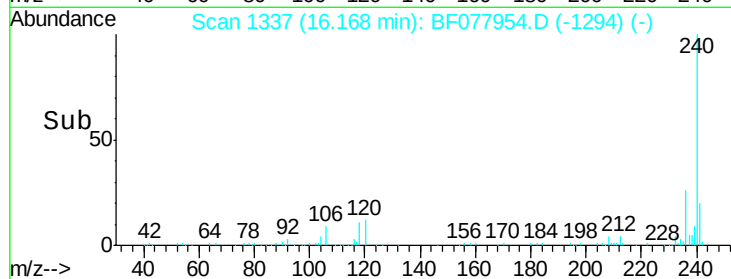
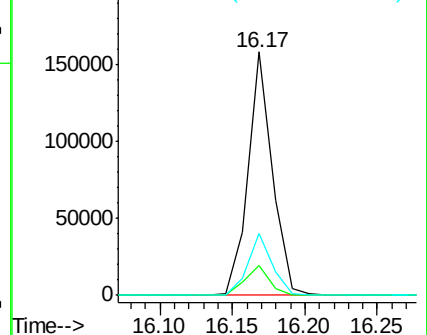
236 25.7 20.0 30.0



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: 2.03 ng

RT: 14.40 min Scan# 1182

Delta R.T. 0.03 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

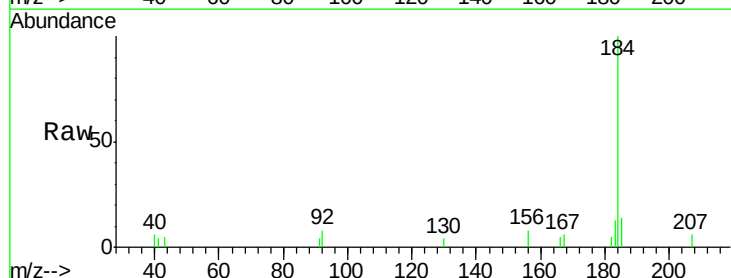
Tgt Ion:184 Resp: 11372

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

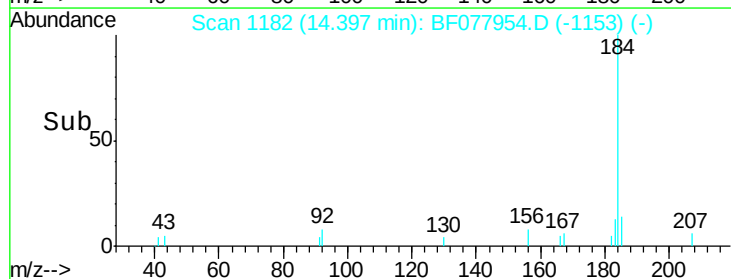
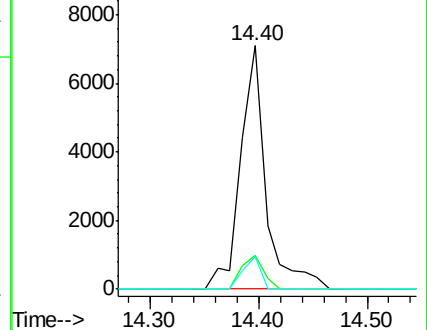
183 13.5 8.9 13.3#

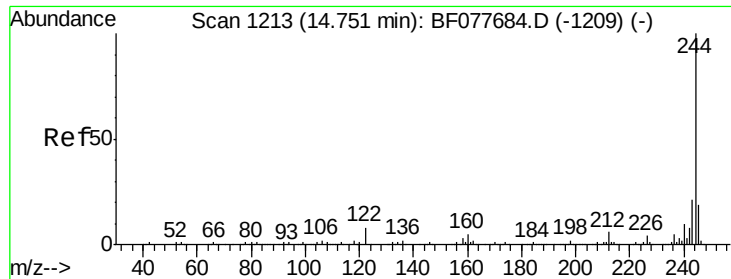


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 67.40 ng

RT: 14.72 min Scan# 1210

Delta R.T. 0.05 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB82256BL

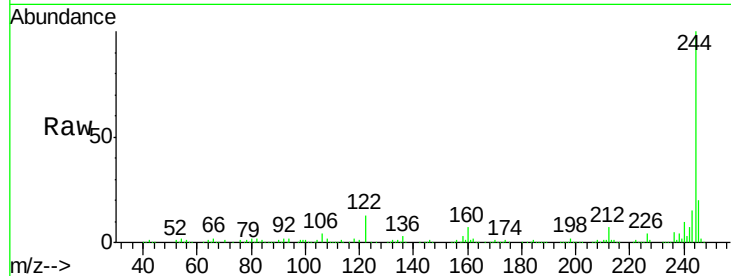
Tgt Ion: 244 Resp: 508814

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

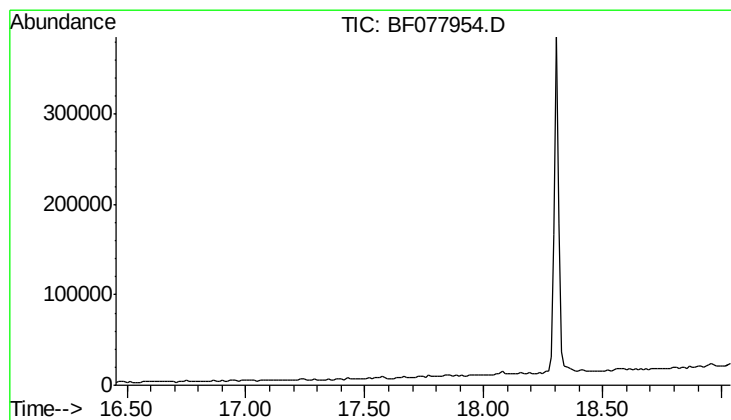
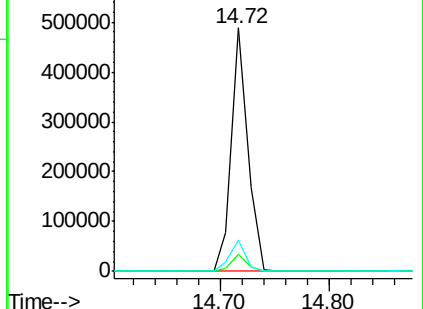
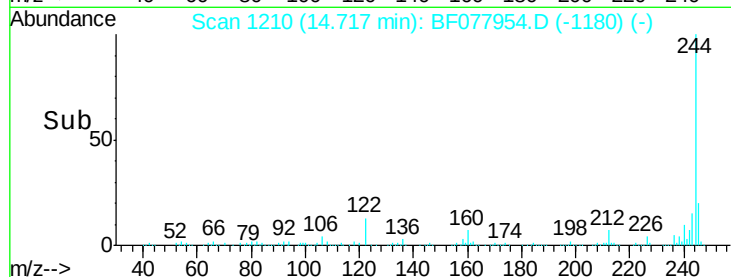
122 12.5 6.2 9.4#



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

Perylene-d12

Concen: 0.00 ng

Expected RT: 17.75 min

Lab File: BF077954.D

Acq: 25 Mar 2015 16:33

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.2

265 21.6

