

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077993.D
 Acq On : 26 Mar 2015 14:13
 Operator : TP/IZ
 Sample : PB82291BL
 Misc : LOD/LOQ-SOIL- BLK
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Quant Time: Mar 27 00:16:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

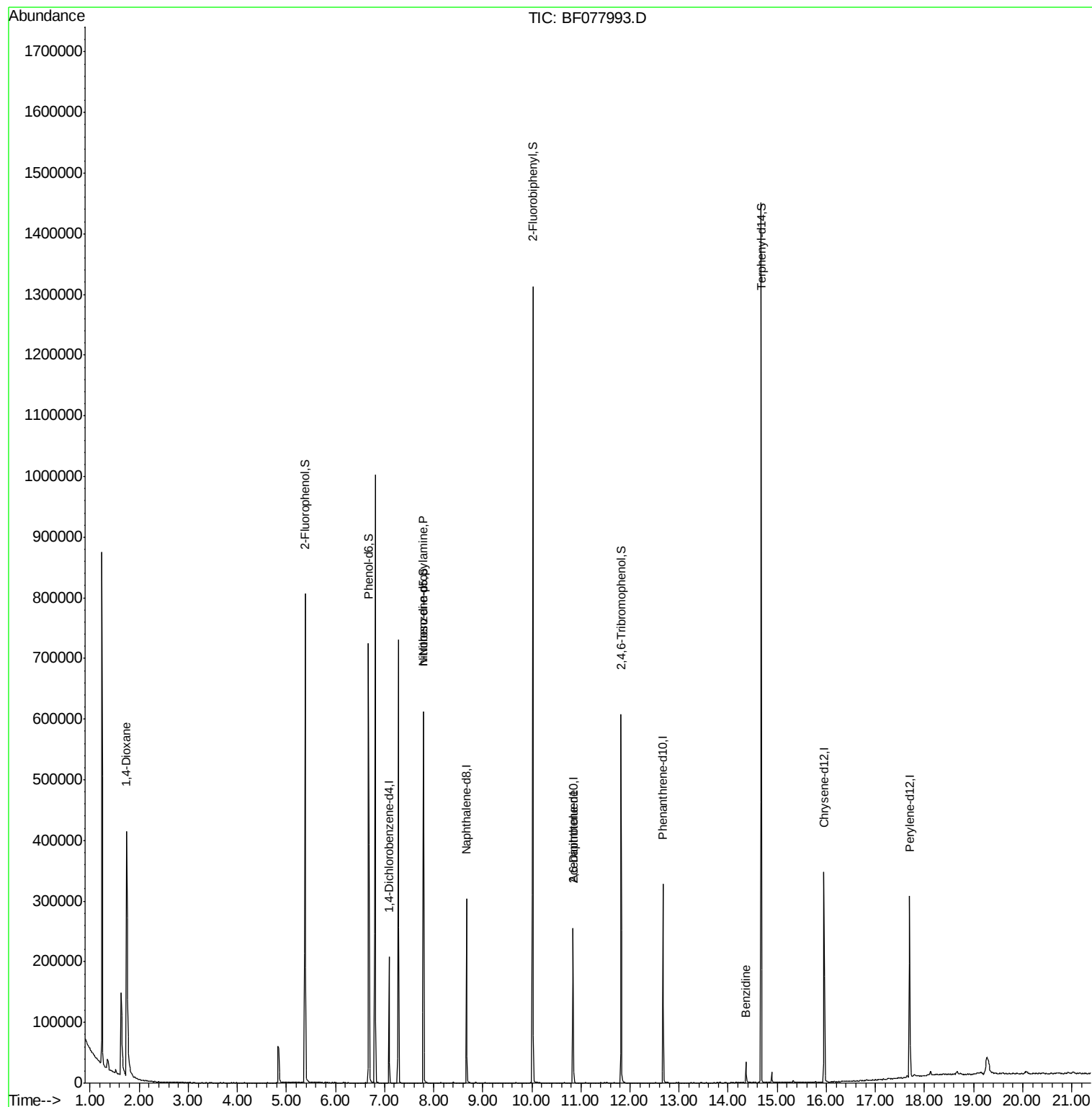
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	33025	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	139399	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	66704	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	139558	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	153896	20.00	ng	-0.06
86) Perylene-d12	17.70	264	150148	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	263713	139.38	ng	0.00
7) Phenol-d6	6.67	99	312757	133.80	ng	-0.01
23) Nitrobenzene-d5	7.79	82	190921	89.78	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	78912	123.65	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	421877	92.95	ng	0.00
78) Terphenyl-d14	14.67	244	517645	82.16	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.74	88	17693	20.60	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	24582	15.20	ng	# 79
50) 2,6-Dinitrotoluene	10.84	165	8909	8.69	ng	# 24
76) Benzidine	14.36	184	22120	5.39	ng	96

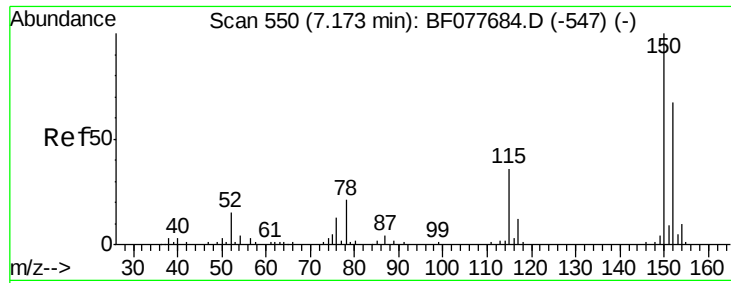
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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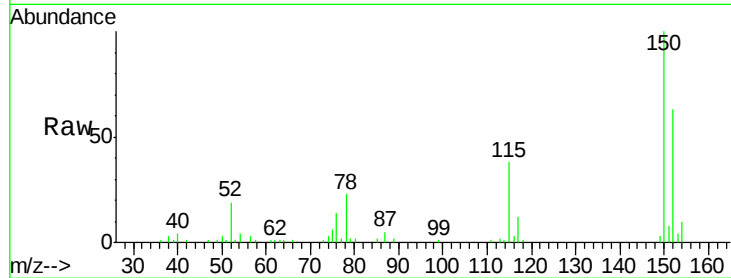




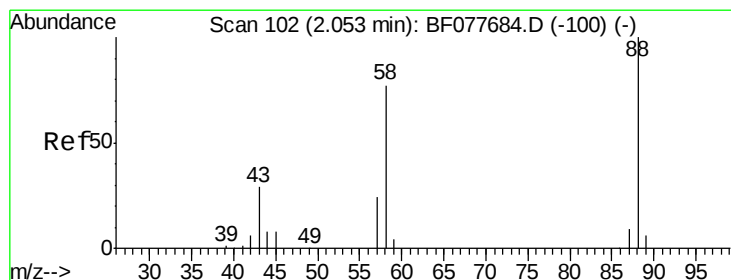
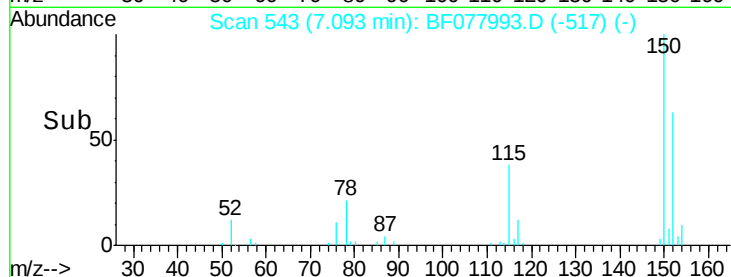
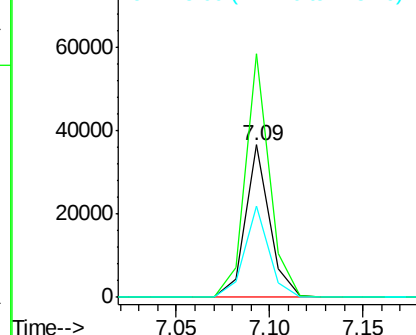
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Tgt Ion:152 Resp: 33025
 Ion Ratio Lower Upper
 152 100
 150 159.6 119.5 179.3
 115 60.1 43.0 64.4

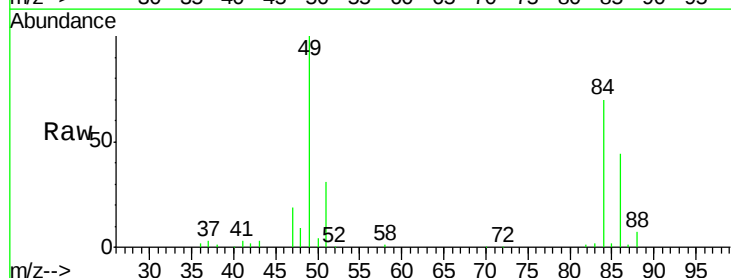


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

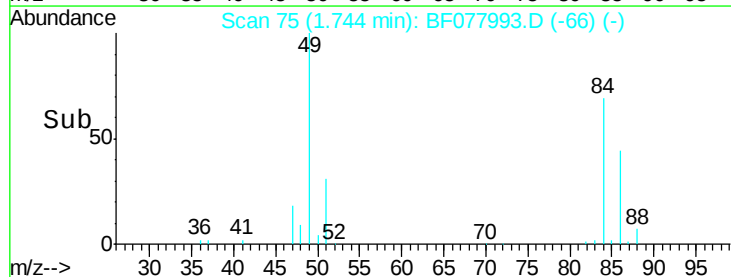
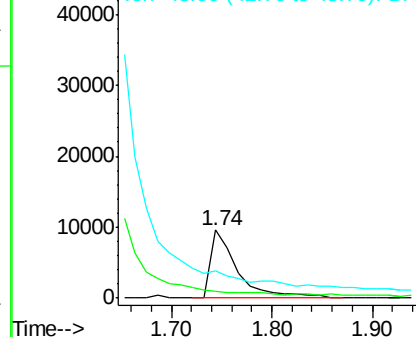


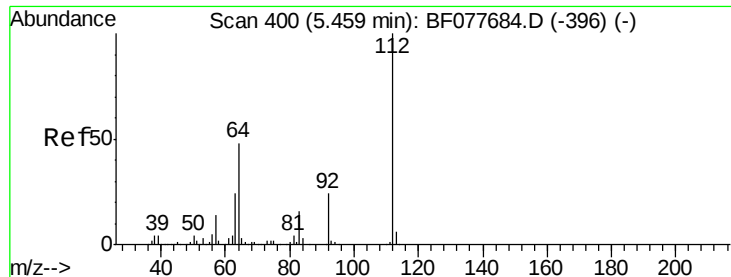
#2
 1,4-Dioxane
 Concen: 20.60 ng
 RT: 1.74 min Scan# 75
 Delta R.T. -0.19 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion: 88 Resp: 17693
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 139.38 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF077993.D

Acq: 26 Mar 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB82346BL

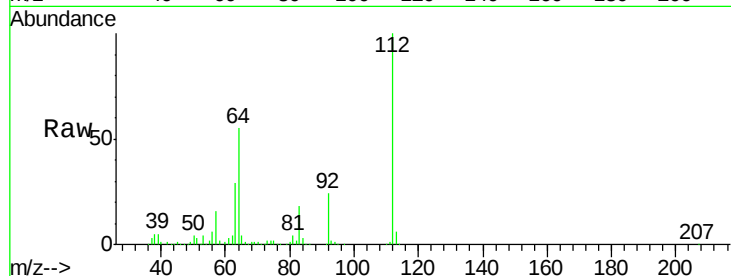
Tgt Ion: 112 Resp: 263713

Ion Ratio Lower Upper

112 100

64 55.1 38.6 57.8

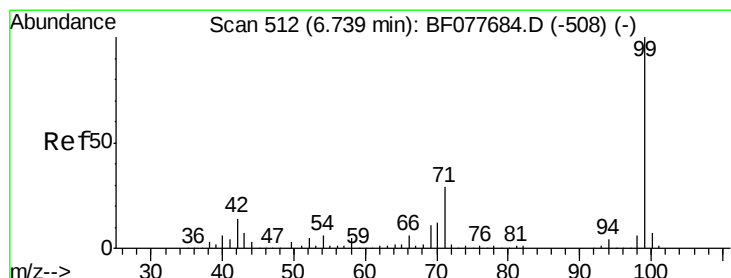
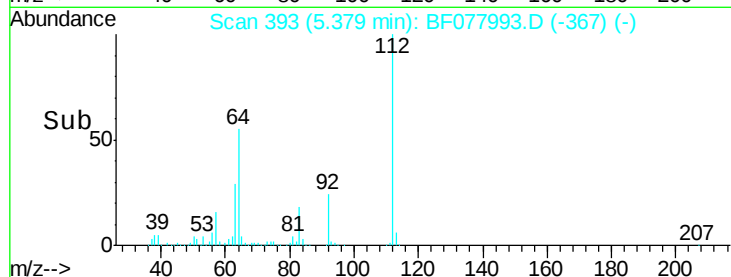
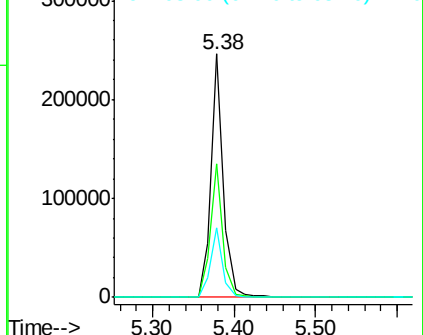
63 28.5 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 133.80 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF077993.D

Acq: 26 Mar 2015 14:13

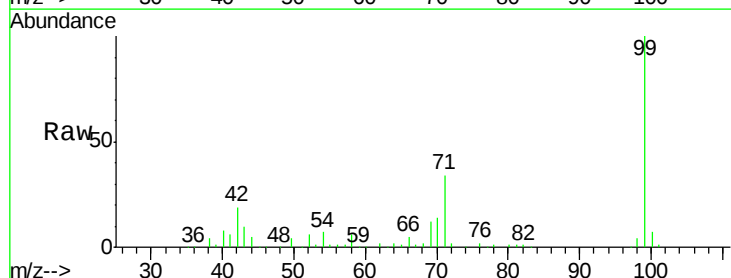
Tgt Ion: 99 Resp: 312757

Ion Ratio Lower Upper

99 100

42 19.1 11.0 16.4#

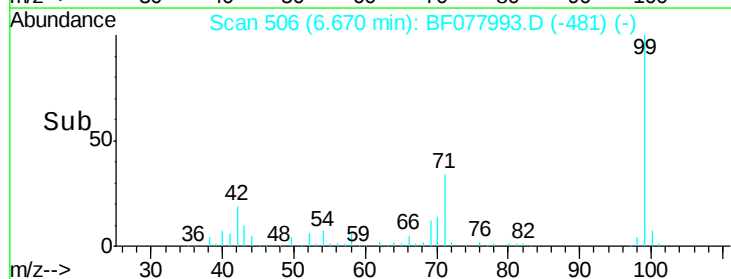
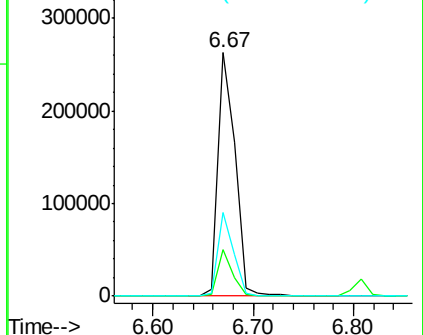
71 34.4 23.4 35.2

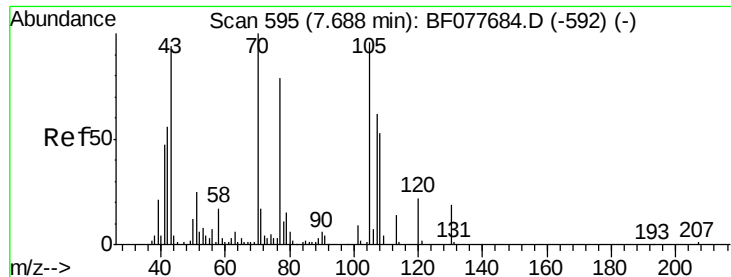


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

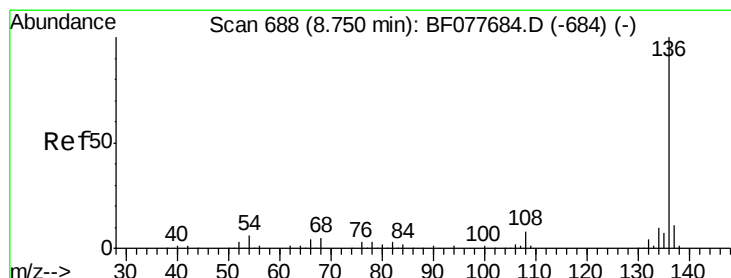
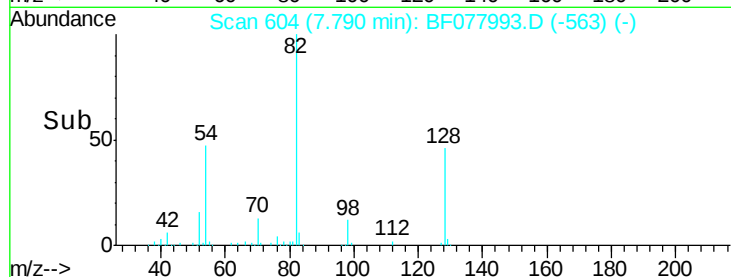
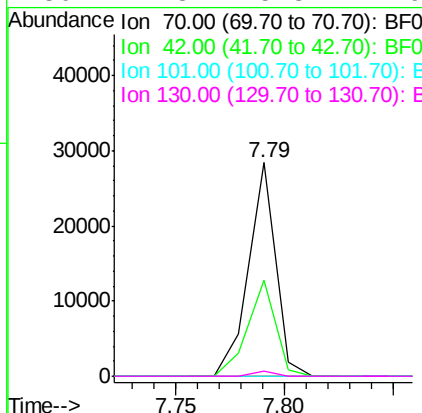
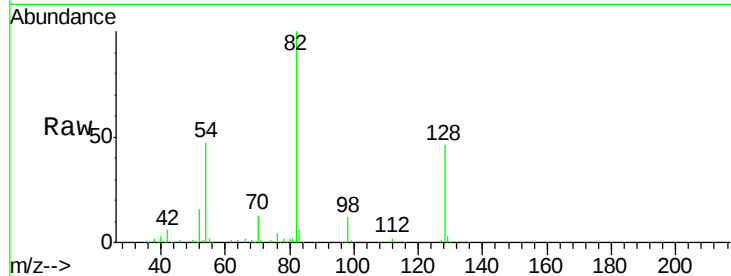




#19
n-Nitroso-di-n-propylamine
Concen: 15.20 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077993.D
Acq: 26 Mar 2015 14:13

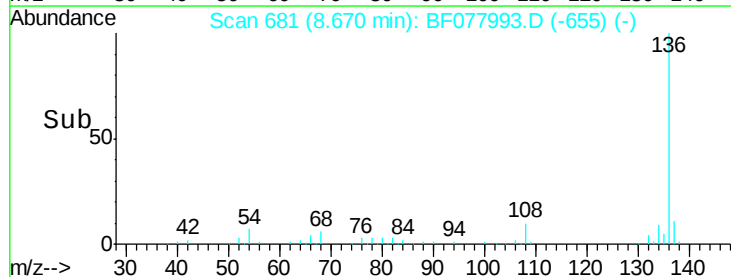
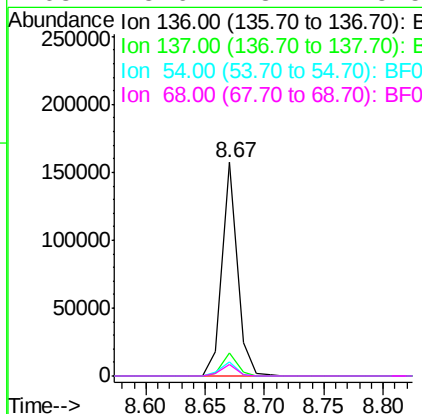
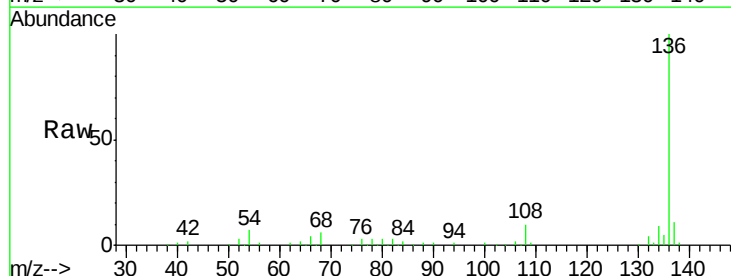
Instrument :
BNA_F
ClientSampleId :
PB82346BL

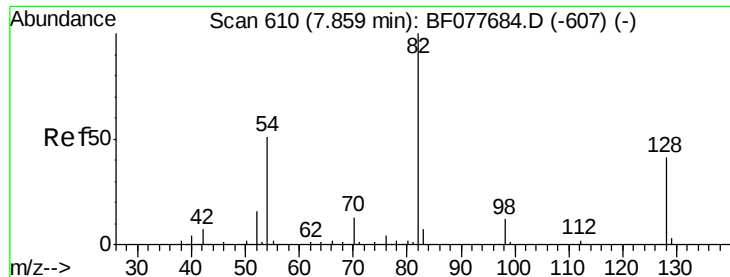
Tgt Ion: 70 Resp: 24582
Ion Ratio Lower Upper
70 100
42 44.8 44.5 66.7
101 0.0 7.4 11.2#
130 2.3 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077993.D
Acq: 26 Mar 2015 14:13

Tgt Ion: 136 Resp: 139399
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.7 4.6 6.8
68 5.6 3.7 5.5#

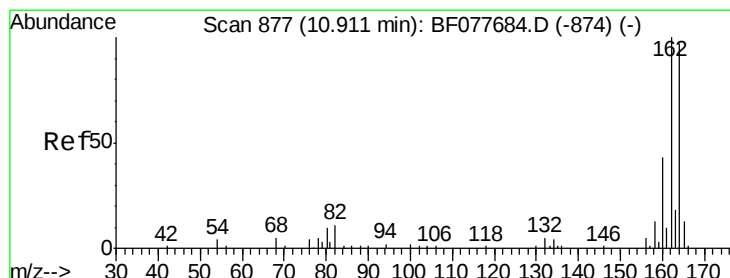
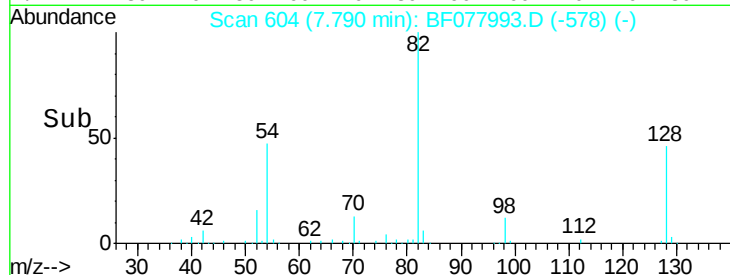
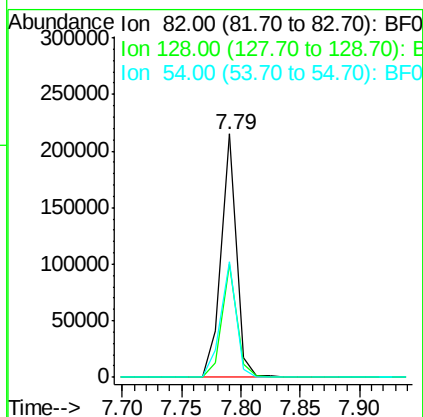
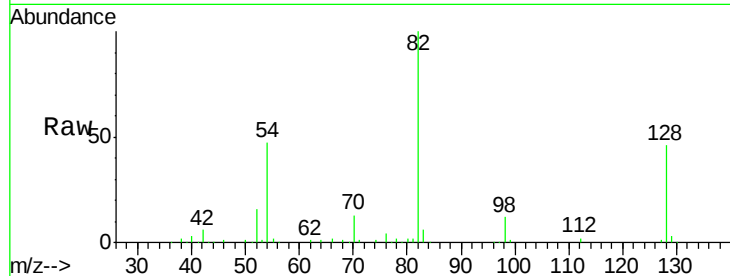




#23
 Nitrobenzene-d5
 Concen: 89.78 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

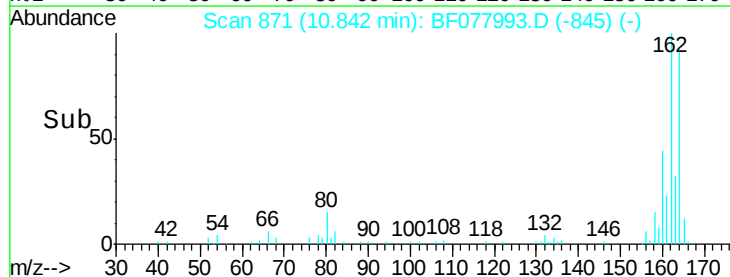
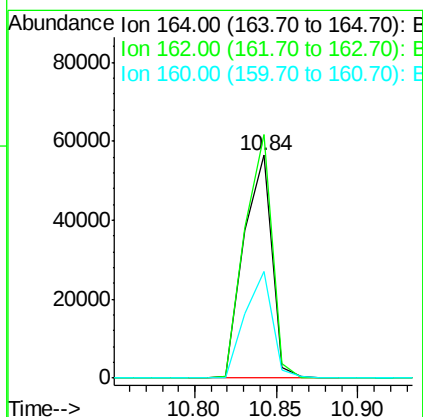
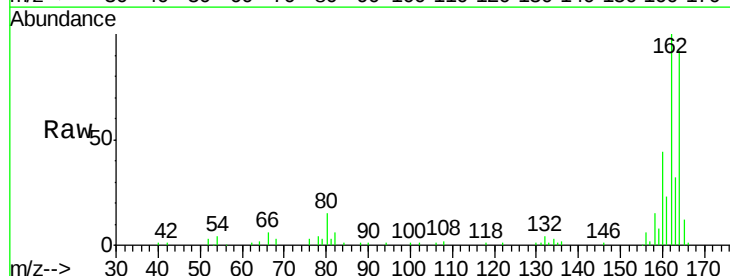
Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

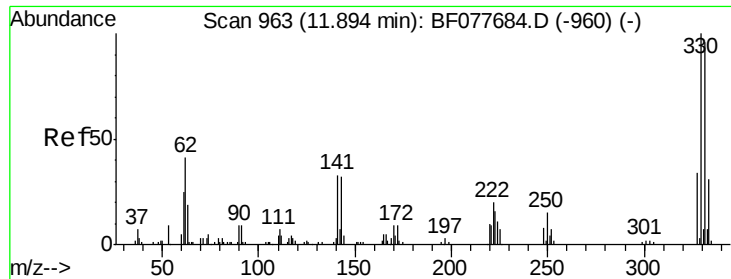
Tgt Ion: 82 Resp: 190921
 Ion Ratio Lower Upper
 82 100
 128 46.5 32.8 49.2
 54 47.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion: 164 Resp: 66704
 Ion Ratio Lower Upper
 164 100
 162 109.2 82.4 123.6
 160 48.1 35.8 53.6

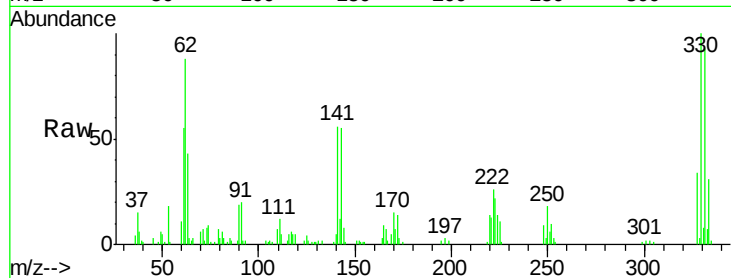




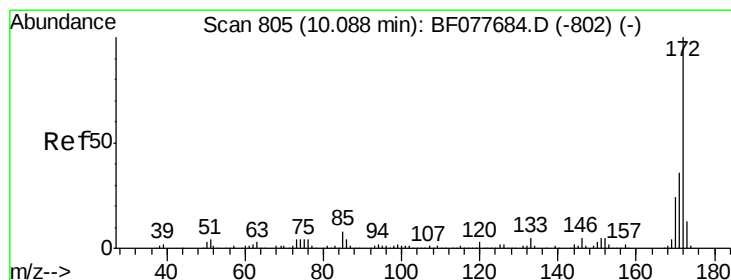
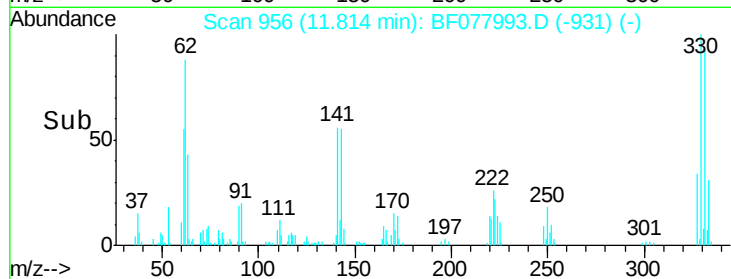
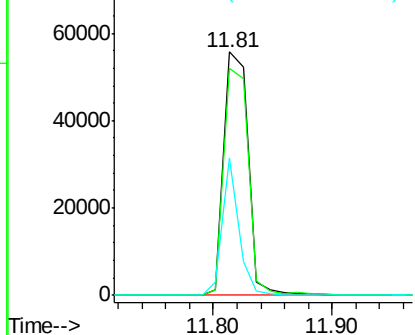
#41
 2,4,6-Tribromophenol
 Concen: 123.65 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Tgt Ion:330 Resp: 78912
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 37.6 0.0 0.0#

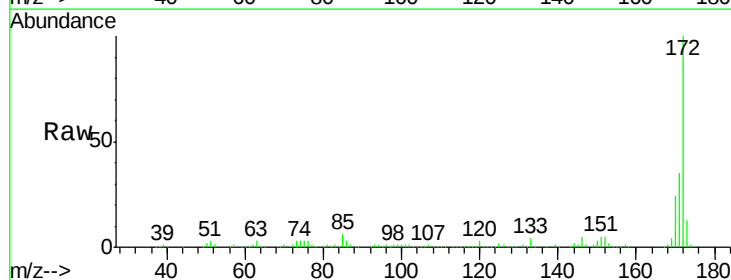


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

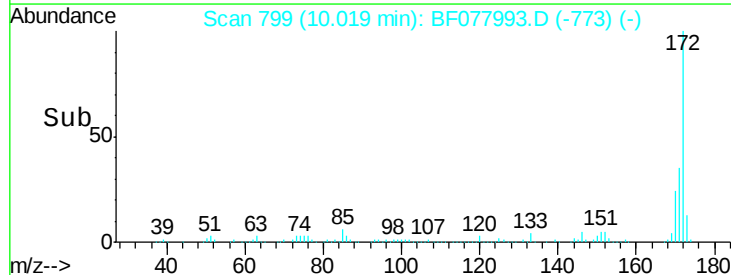
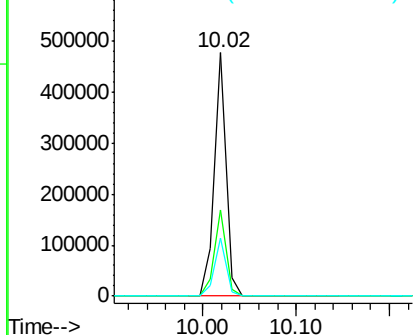


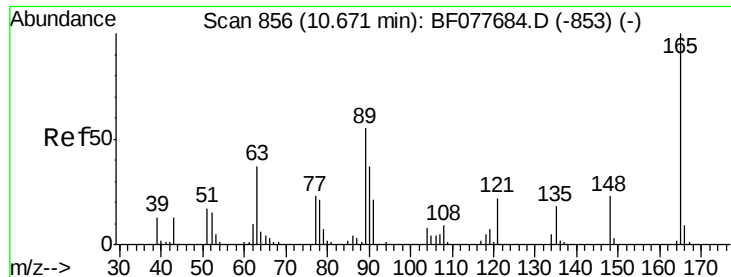
#44
 2-Fluorobiphenyl
 Concen: 92.95 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion:172 Resp: 421877
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.6 18.8 28.2



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

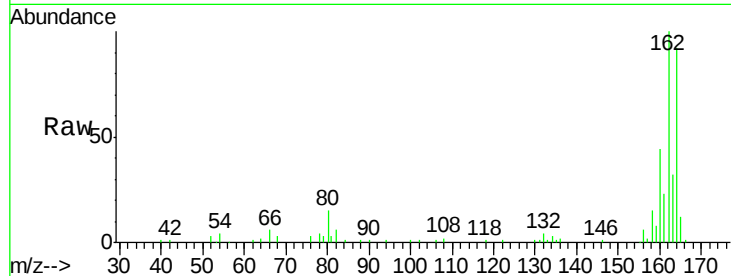




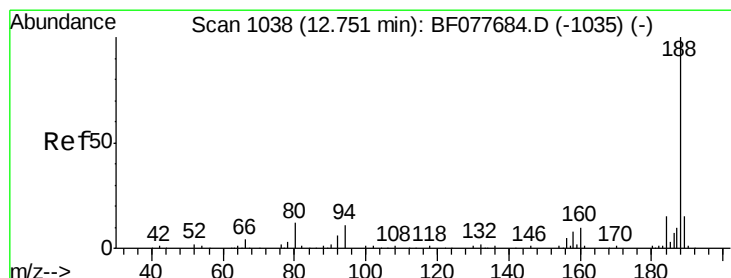
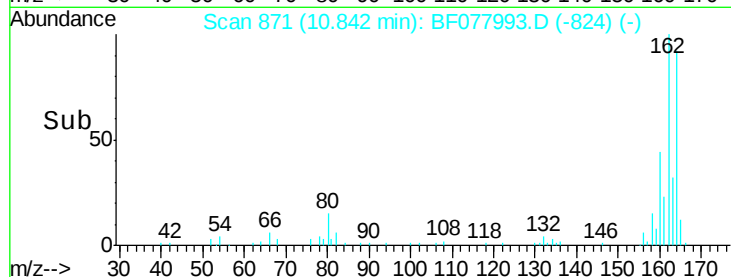
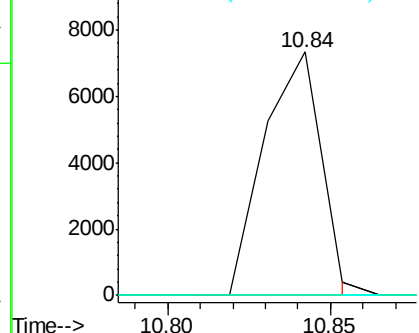
#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Tgt Ion:165 Resp: 8909
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

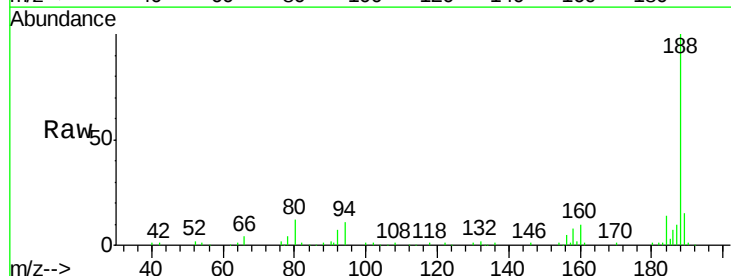


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

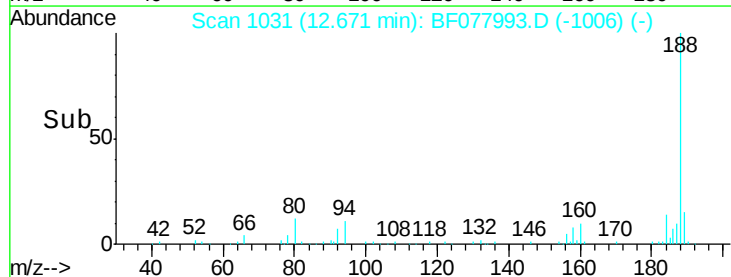
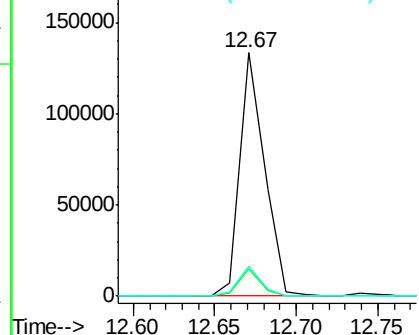


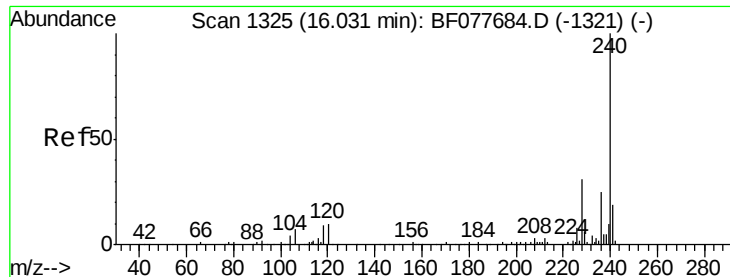
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion:188 Resp: 139558
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.7 13.1
 80 12.2 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: 15.95 min Scan# 1318

Delta R.T. -0.06 min

Lab File: BF077993.D

Acq: 26 Mar 2015 14:13

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BNA_F

ClientSampleId :

PB82346BL

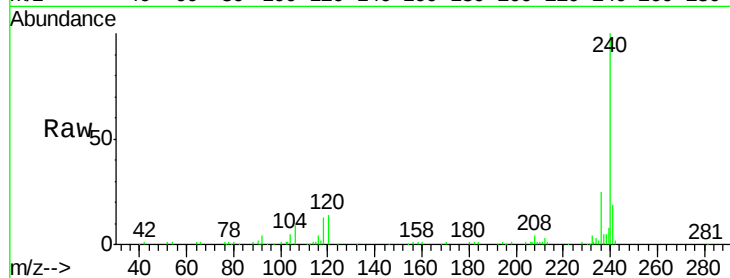
Tgt Ion:240 Resp: 153896

Ion Ratio Lower Upper

240 100

120 13.7 8.2 12.2#

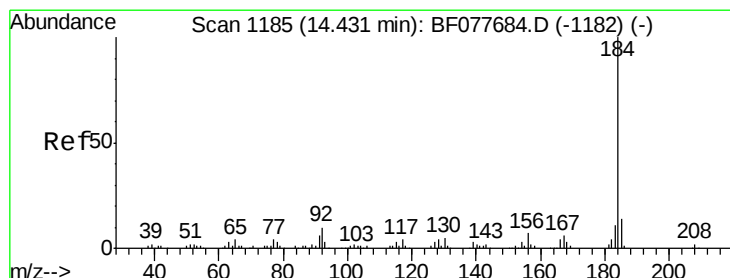
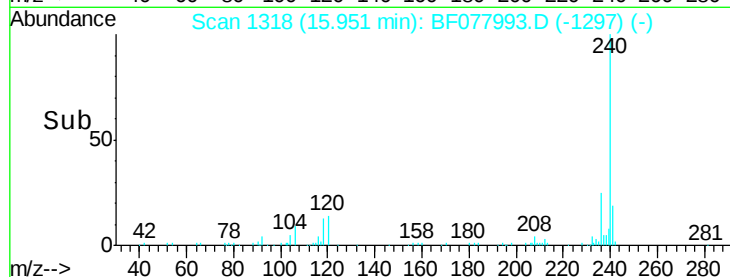
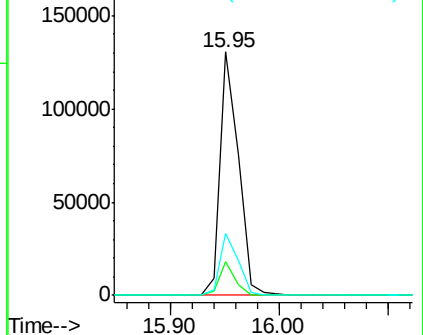
236 25.3 20.0 30.0



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: 5.39 ng

RT: 14.36 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF077993.D

Acq: 26 Mar 2015 14:13

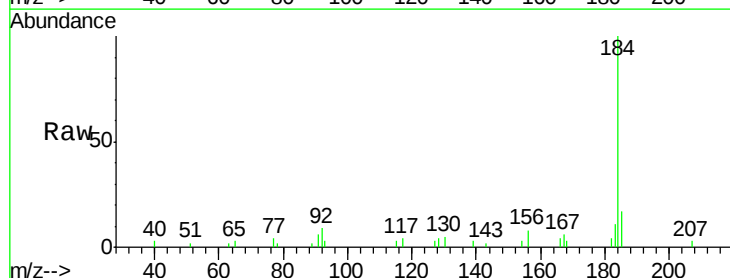
Tgt Ion:184 Resp: 22120

Ion Ratio Lower Upper

184 100

185 16.8 11.3 16.9

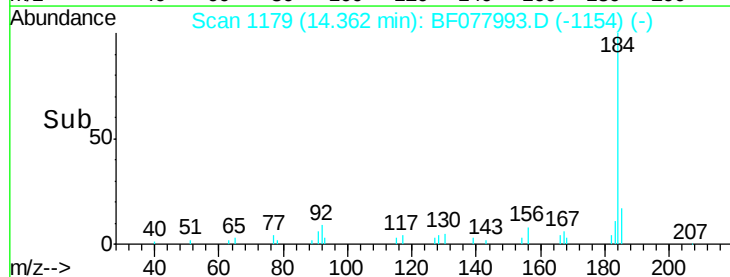
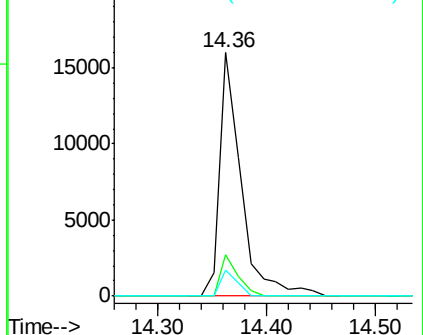
183 10.8 8.9 13.3

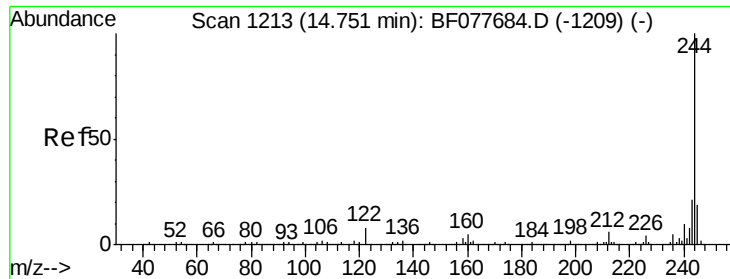


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

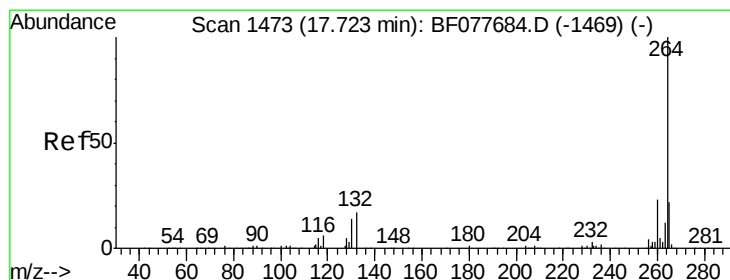
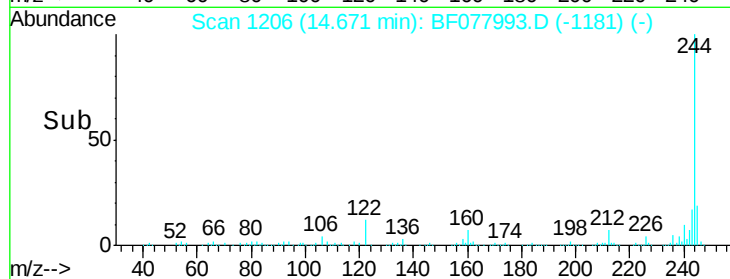
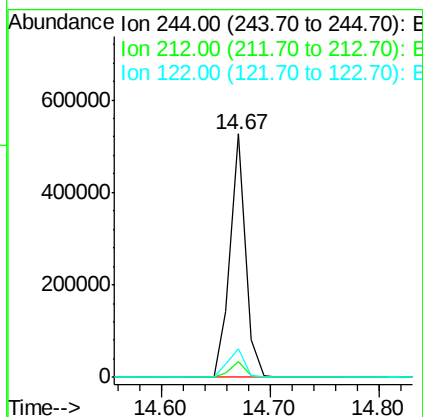
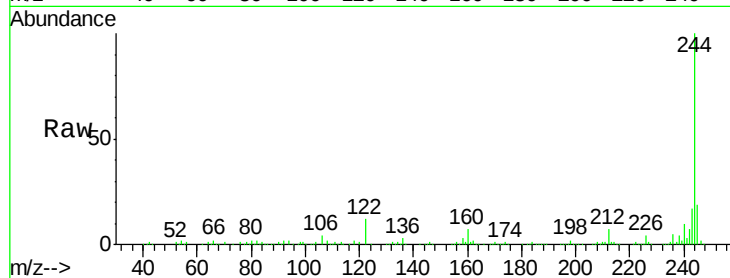




#78
 Terphenyl-d14
 Concen: 82.16 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.9	7.3
122	11.8	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.19 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.0	17.3	25.9

