

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077853.D
 Acq On : 20 Mar 2015 3:51
 Operator : TP/IZ
 Sample : G1573-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Mar 20 05:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

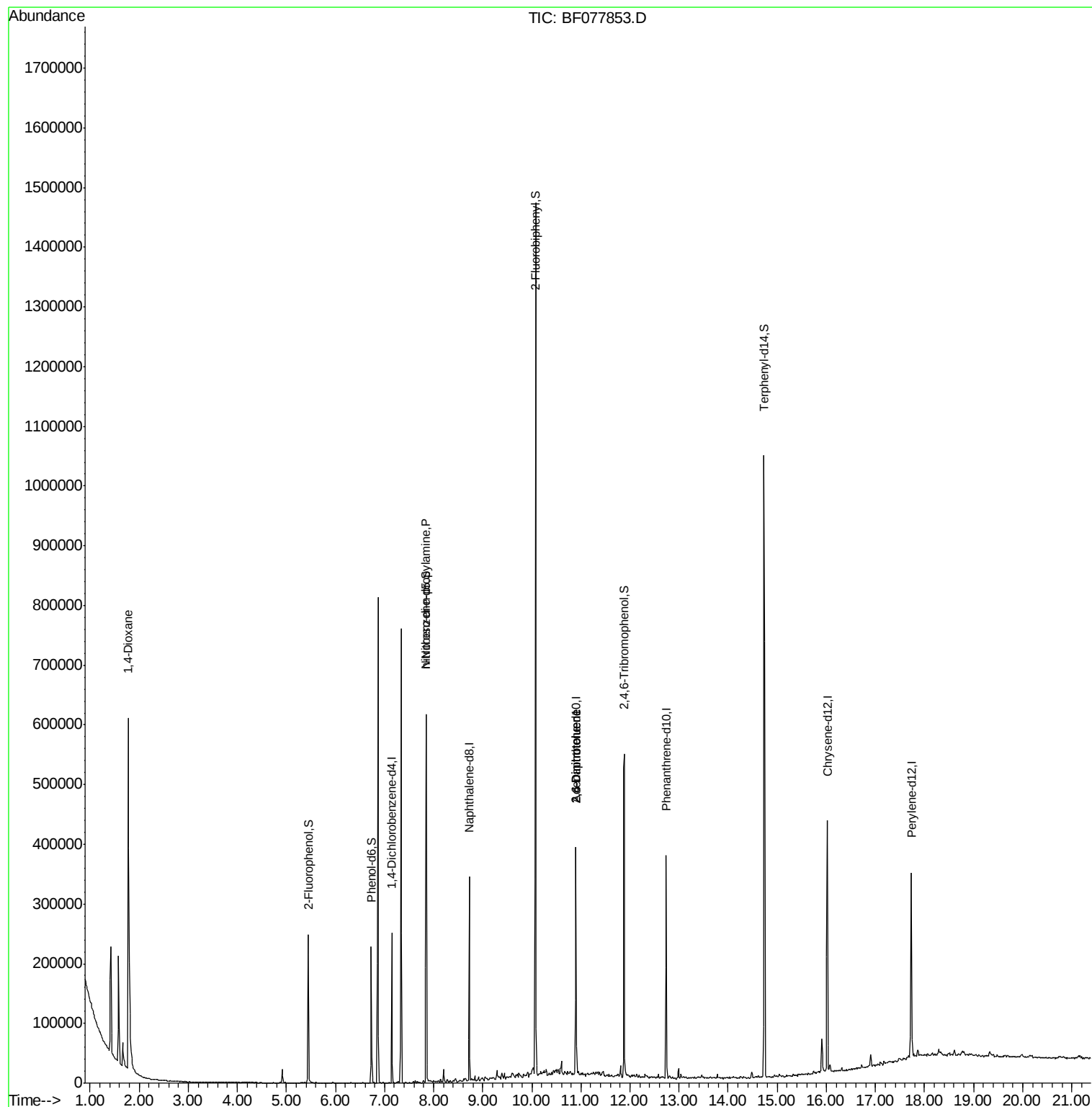
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	39272	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	155573	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	80105	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	162369	20.00	ng	0.00
75) Chrysene-d12	16.02	240	172675	20.00	ng	-0.01
86) Perylene-d12	17.73	264	171103	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	108160	48.07	ng	0.01
7) Phenol-d6	6.73	99	83033	29.87	ng	0.00
23) Nitrobenzene-d5	7.85	82	208078	87.67	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	92834	121.13	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	461398	84.65	ng	0.00
78) Terphenyl-d14	14.73	244	453558	64.16	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.78	88	24854	24.33	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	26410	13.73	ng	# 76
50) 2,6-Dinitrotoluene	10.90	165	10205	8.29	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	10205	6.35	ng	# 11

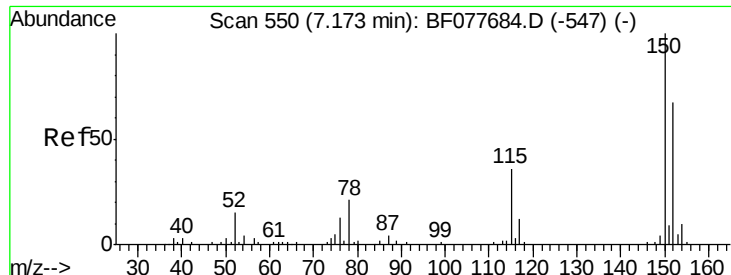
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 20 05:41:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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QLast Update : Fri Mar 20 06:30:20 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF077853.D

Acq: 20 Mar 2015 3:51

Instrument :

BNA_F

ClientSampleId :

MW-07

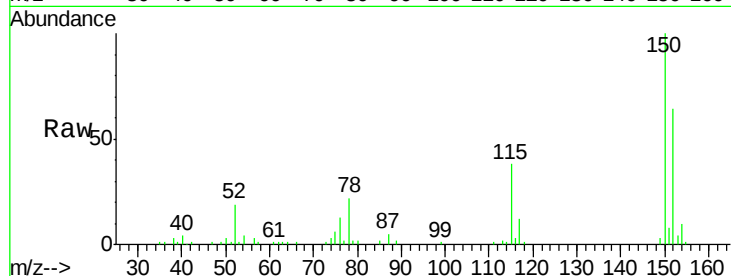
Tgt Ion:152 Resp: 39272

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

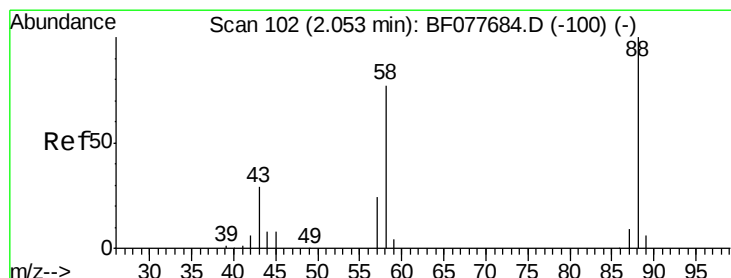
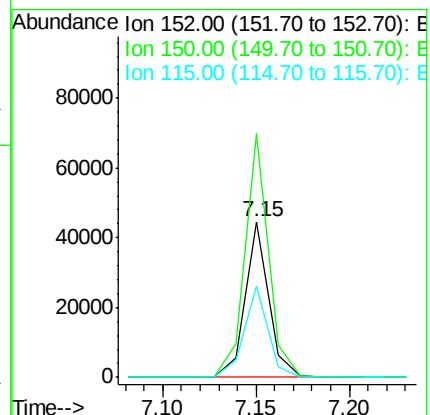
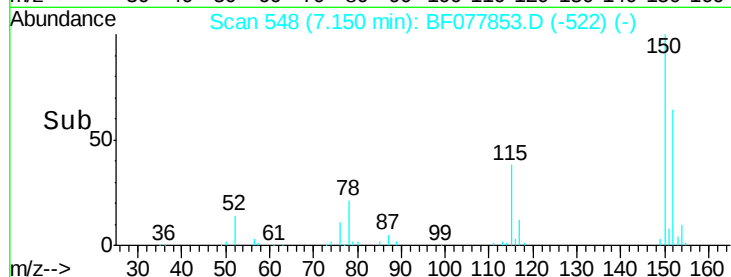
115 58.6 43.0 64.4



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: 24.33 ng

RT: 1.78 min Scan# 78

Delta R.T. -0.25 min

Lab File: BF077853.D

Acq: 20 Mar 2015 3:51

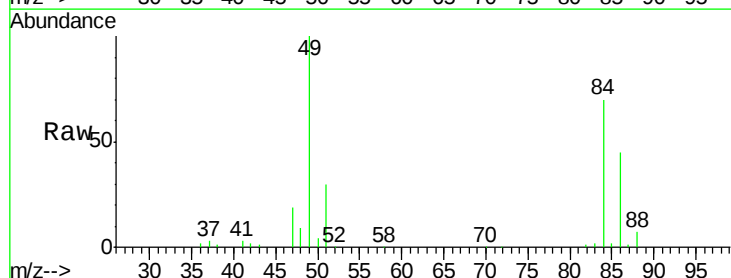
Tgt Ion: 88 Resp: 24854

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

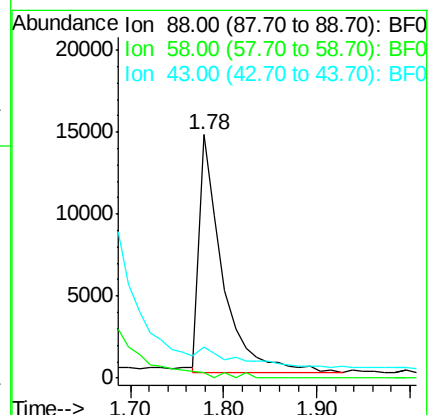
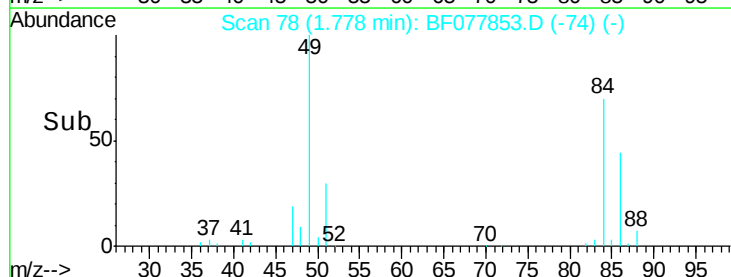
43 0.0 0.0 0.0

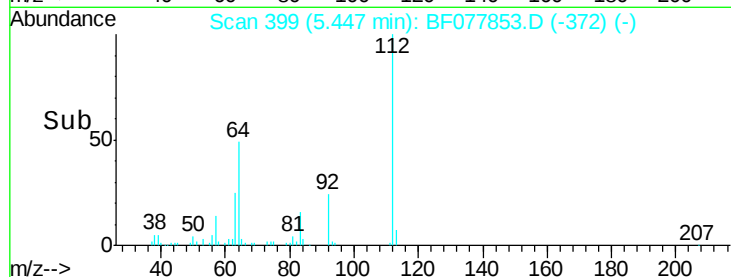
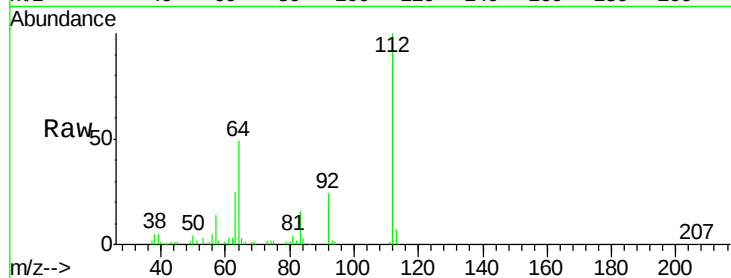
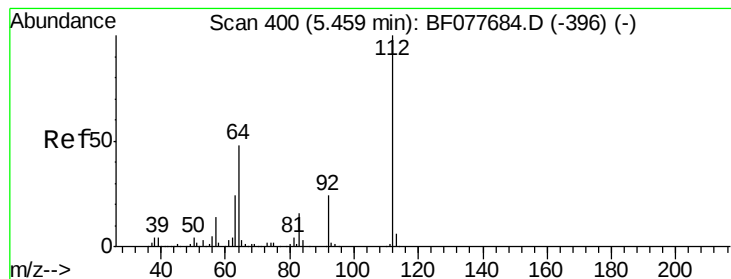


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 48.07 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077853.D

Acq: 20 Mar 2015 3:51

Instrument :

BNA_F

ClientSampleId :

MW-07

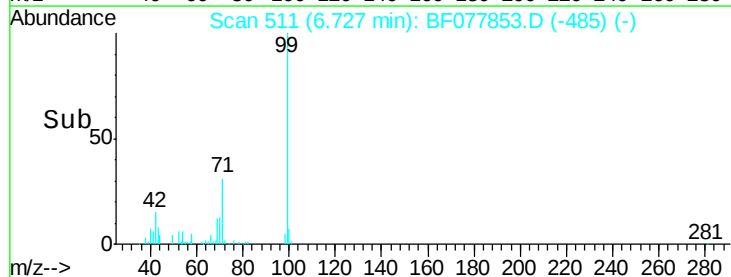
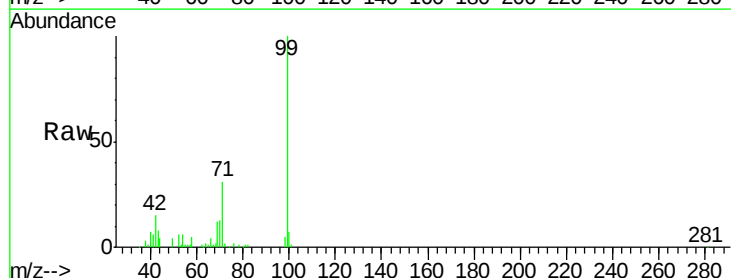
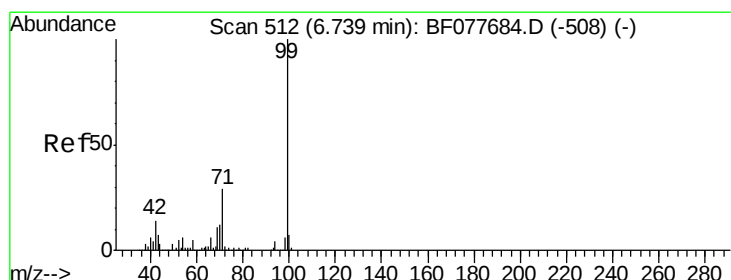
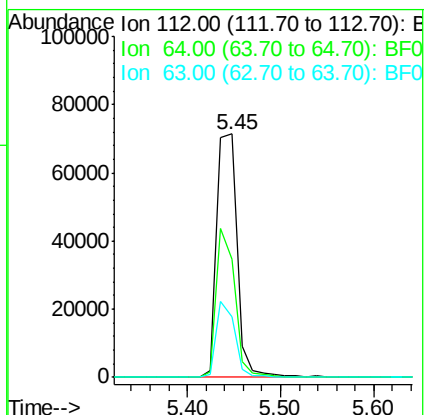
Tgt Ion: 112 Resp: 108160

Ion Ratio Lower Upper

112 100

64 48.5 38.6 57.8

63 25.1 19.3 28.9



#7

Phenol-d6

Concen: 29.87 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077853.D

Acq: 20 Mar 2015 3:51

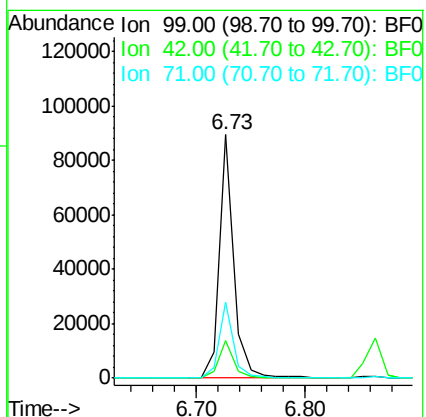
Tgt Ion: 99 Resp: 83033

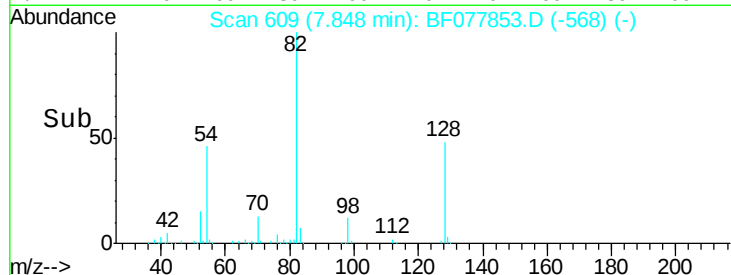
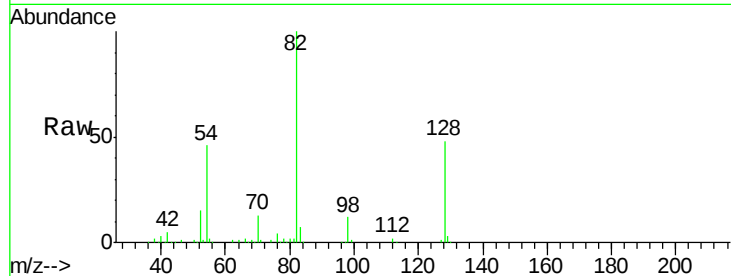
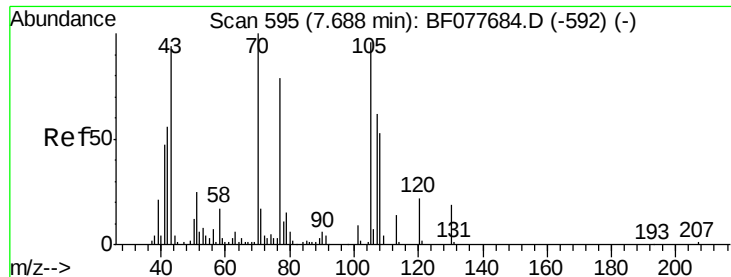
Ion Ratio Lower Upper

99 100

42 15.2 11.0 16.4

71 31.0 23.4 35.2

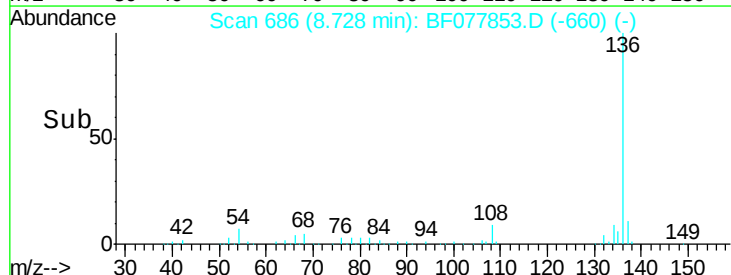
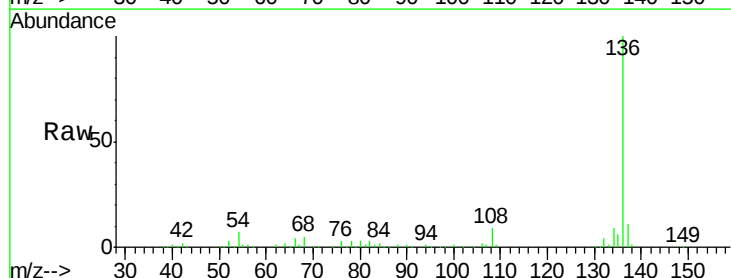
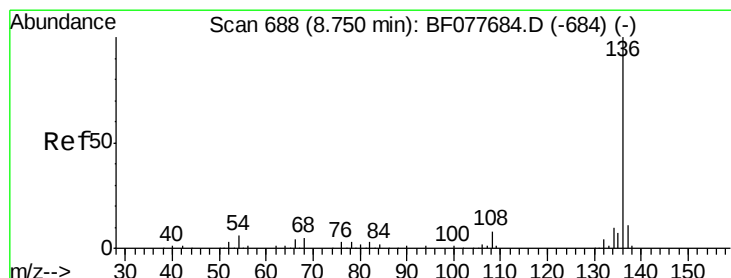
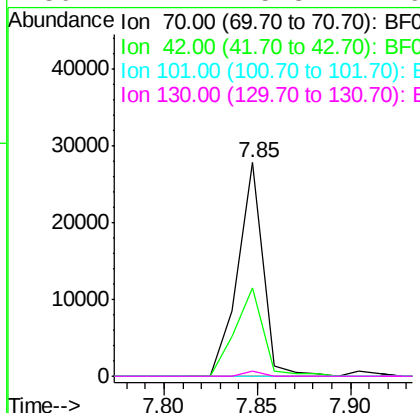




#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077853.D
Acq: 20 Mar 2015 3:51

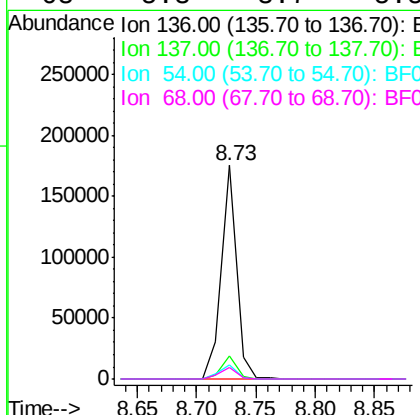
Instrument :
BNA_F
ClientSampleId :
MW-07

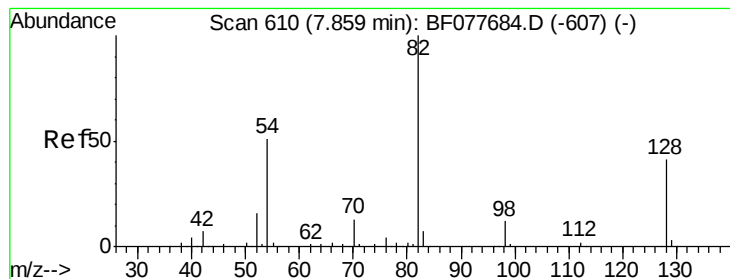
Tgt Ion: 70 Resp: 26410
Ion Ratio Lower Upper
70 100
42 41.5 44.5 66.7#
101 0.0 7.4 11.2#
130 2.4 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077853.D
Acq: 20 Mar 2015 3:51

Tgt Ion: 136 Resp: 155573
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 6.6 4.6 6.8
68 5.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 87.67 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF077853.D

Acq: 20 Mar 2015 3:51

Instrument :

BNA_F

ClientSampleId :

MW-07

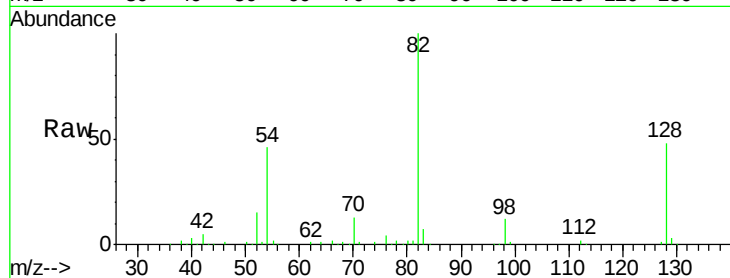
Tgt Ion: 82 Resp: 208078

Ion Ratio Lower Upper

82 100

128 48.3 32.8 49.2

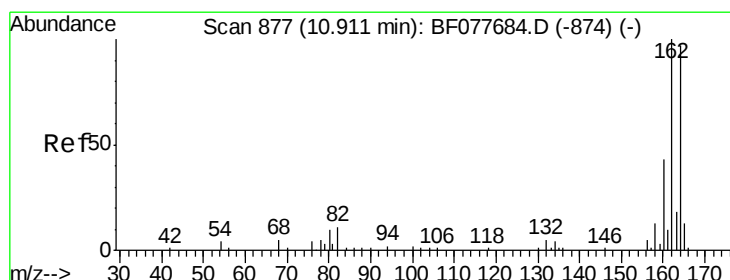
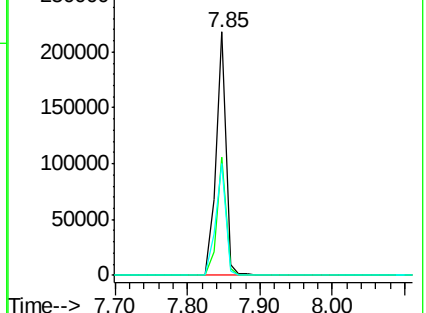
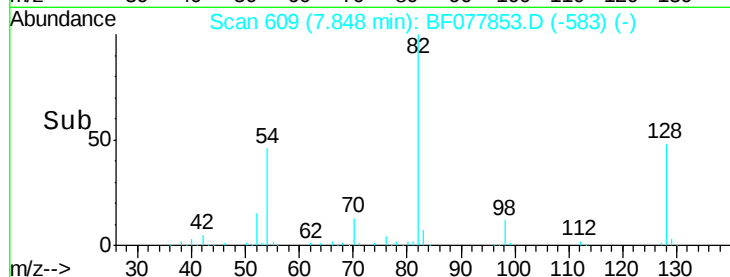
54 45.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077853.D

Acq: 20 Mar 2015 3:51

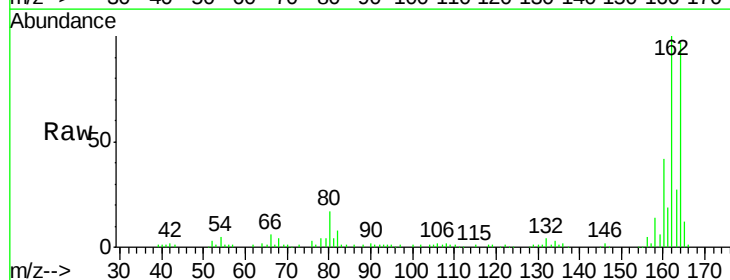
Tgt Ion: 164 Resp: 80105

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

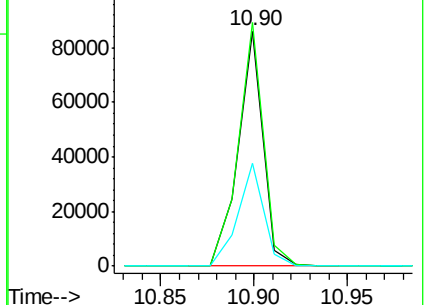
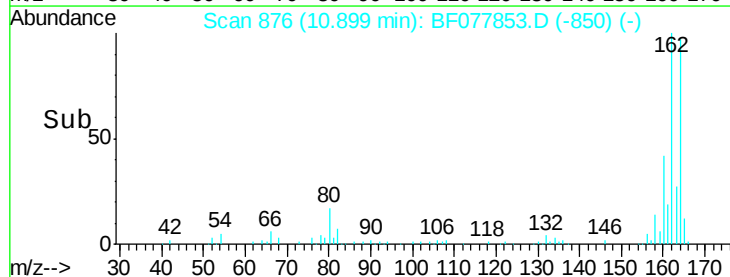
160 43.7 35.8 53.6

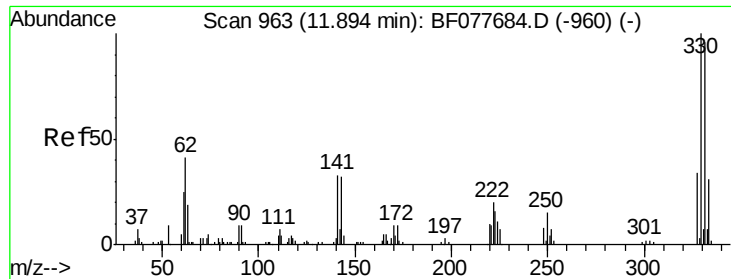


Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

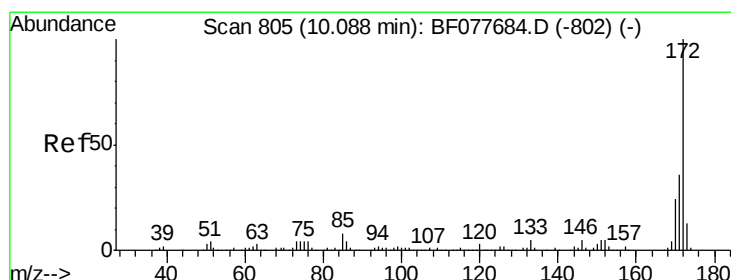
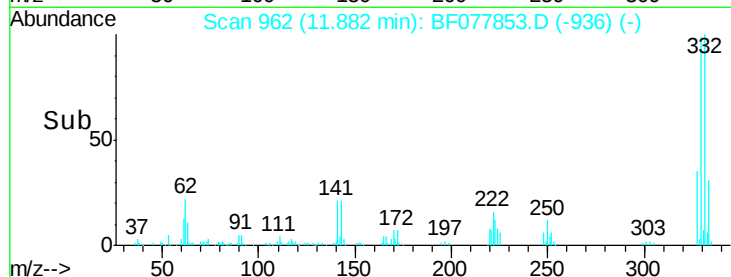
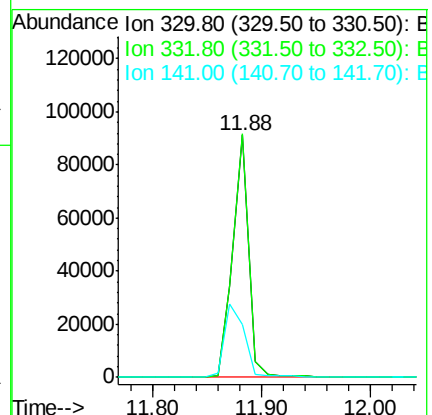
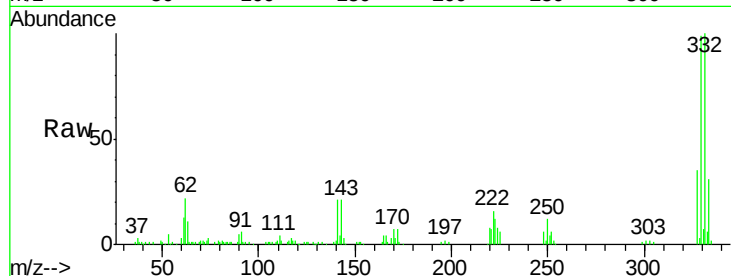




#41
 2,4,6-Tribromophenol
 Concen: 121.13 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077853.D
 Acq: 20 Mar 2015 3:51

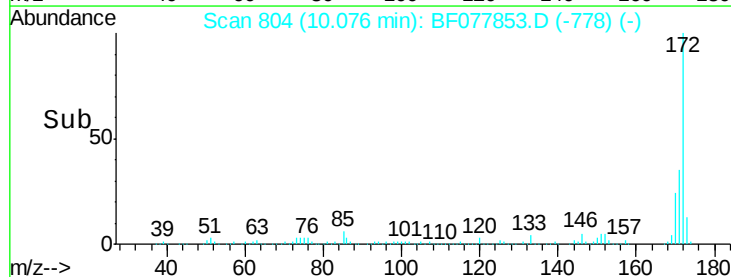
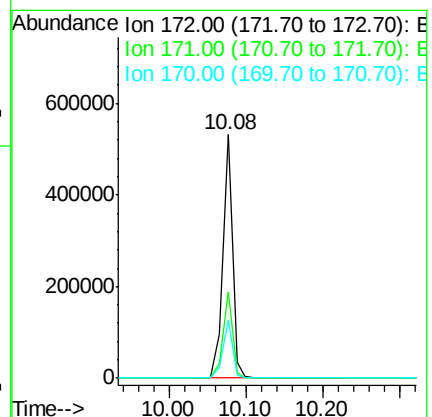
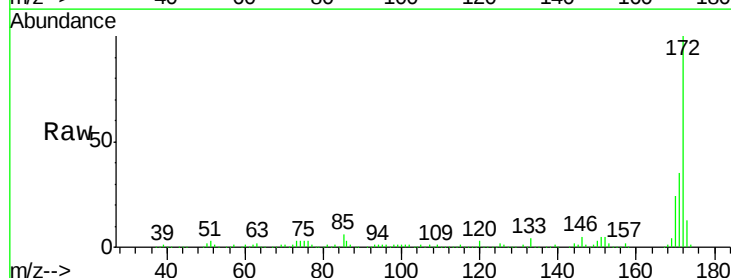
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

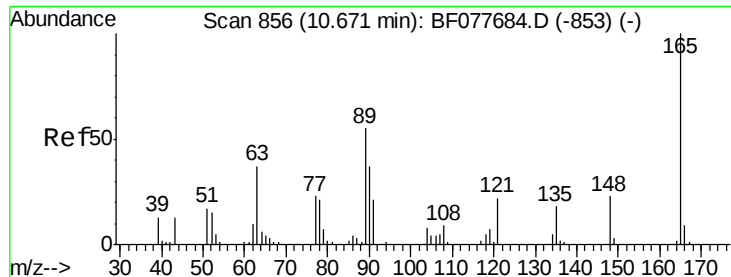
Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.4	0.0	0.0#
141	38.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.65 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077853.D
 Acq: 20 Mar 2015 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.9	18.8	28.2

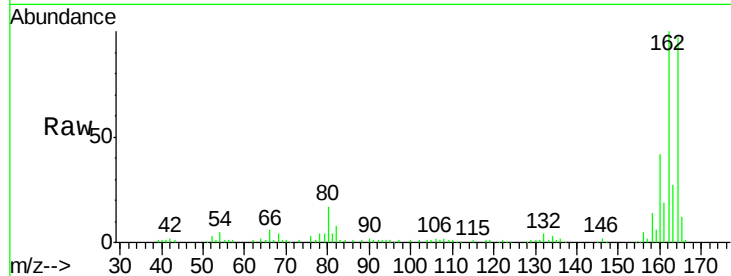




#50
 2,6-Dinitrotoluene
 Concen: 8.29 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077853.D
 Acq: 20 Mar 2015 3:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

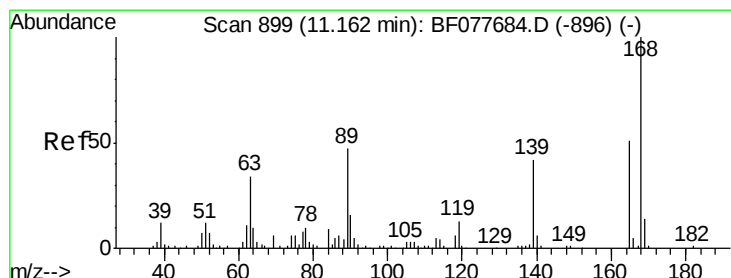
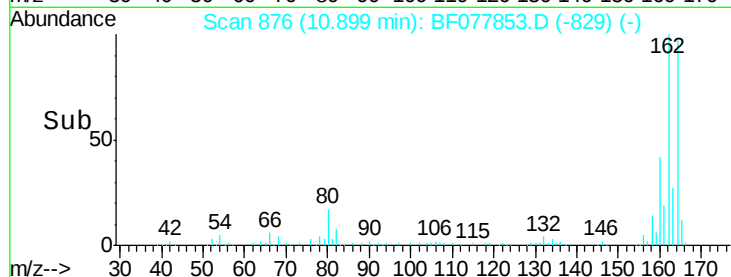
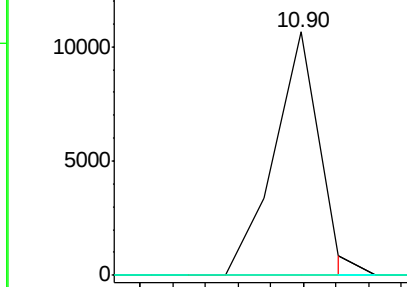
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.25 min
 Lab File: BF077853.D
 Acq: 20 Mar 2015 3:51

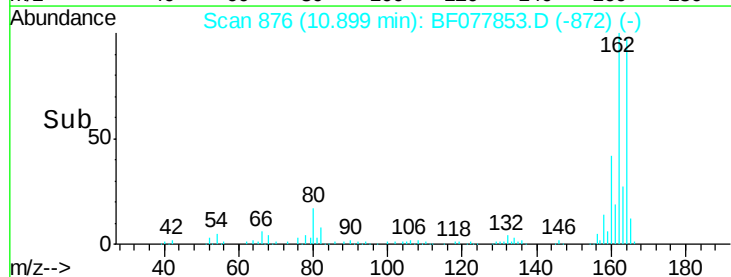
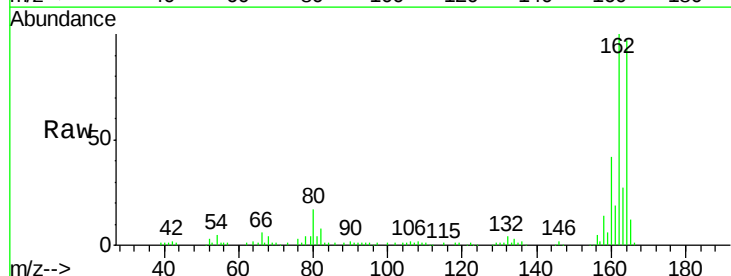
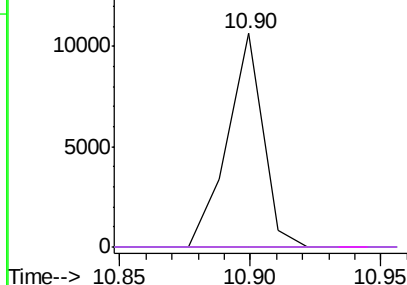
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

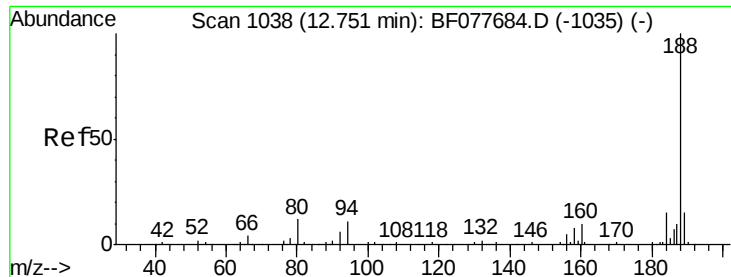
Abundance Ion 165.00 (164.70 to 165.70): E

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

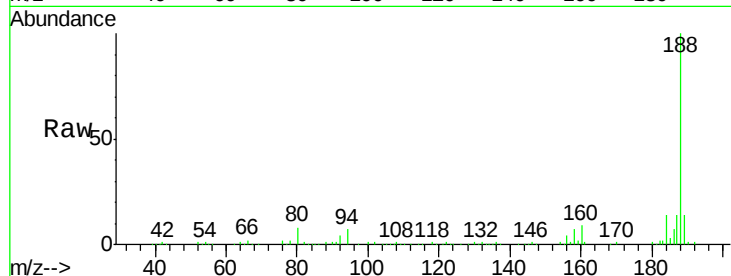




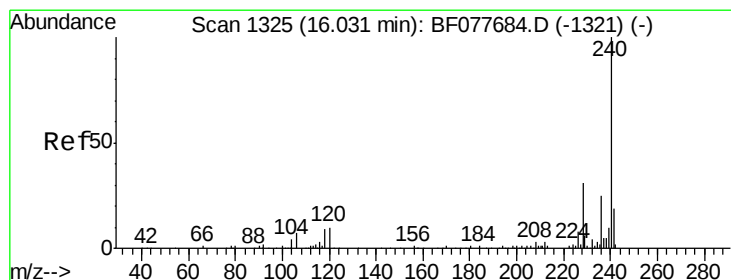
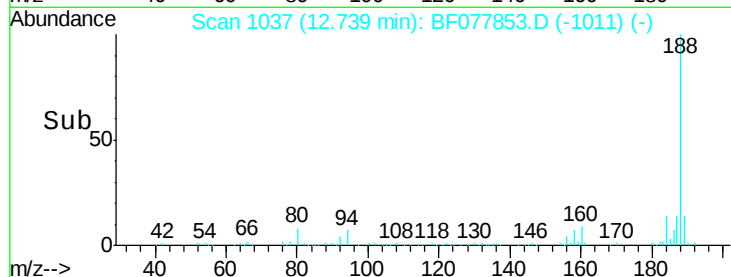
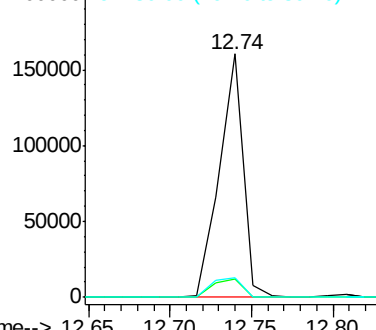
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF077853.D
Acq: 20 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW-07

Tgt Ion:188 Resp: 162369
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.1 9.3 13.9#

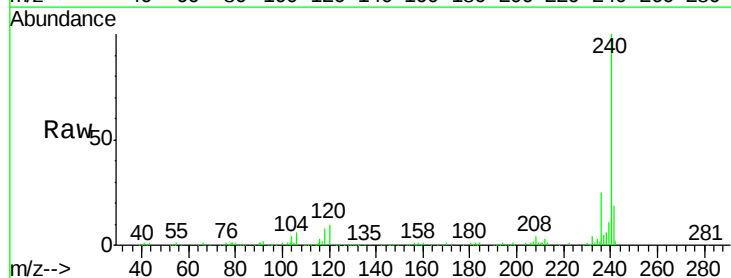


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

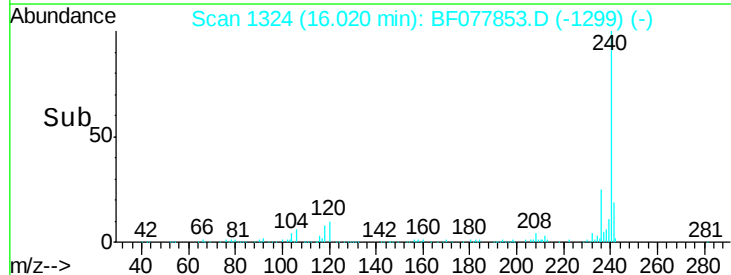
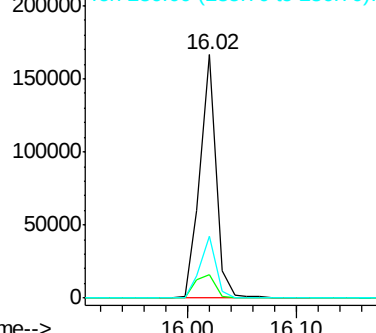


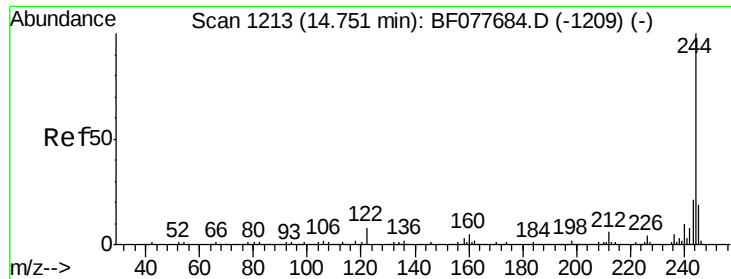
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077853.D
Acq: 20 Mar 2015 3:51

Tgt Ion:240 Resp: 172675
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 25.2 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

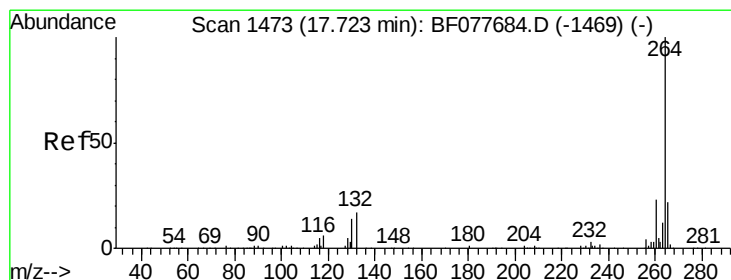
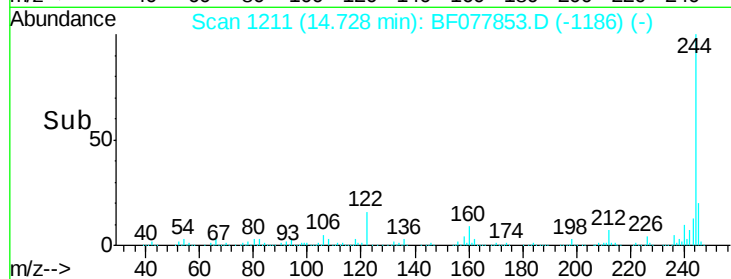
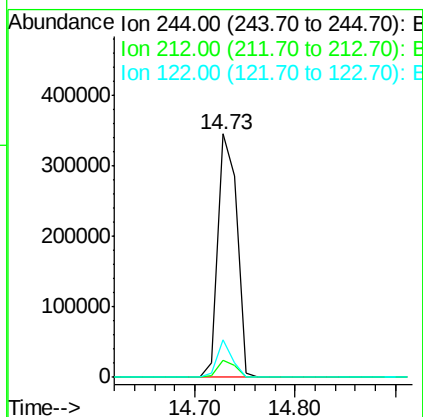
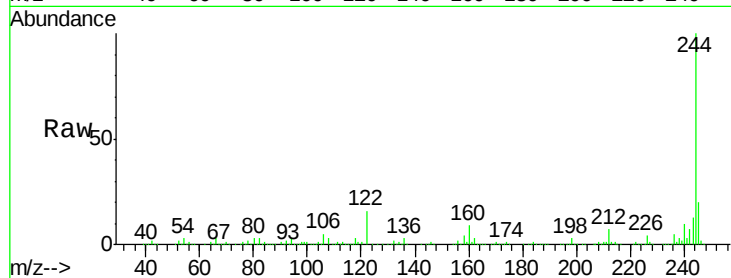




#78
 Terphenyl-d14
 Concen: 64.16 ng
 RT: 14.73 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF077853.D
 Acq: 20 Mar 2015 3:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion: 244 Resp: 453558
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.9 7.3
 122 15.5 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF077853.D
 Acq: 20 Mar 2015 3:51

Tgt Ion: 264 Resp: 171103
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.0 17.3 25.9

