

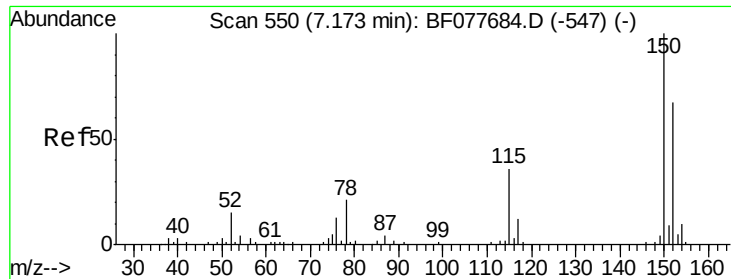
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078025.D
 Acq On : 27 Mar 2015 6:57
 Operator : TP/IZ
 Sample : G1642-06RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16RE

Quant Time: Mar 27 14:09:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	143894	20.00	ng	0.11
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.74
38) Acenaphthene-d10	10.65	164	209	20.00	ng	-0.26
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.75
75) Chrysene-d12	0.00	240	0	0.00	ng	-16.13
86) Perylene-d12	0.00	264	0	0.00	ng	-18.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	179860	21.82	ng	-0.05
7) Phenol-d6	6.69	99	159255	15.64	ng	-0.03
23) Nitrobenzene-d5	7.79	82	225835	0.00	ng	-0.07
41) 2,4,6-Tribromophenol	11.82	330	101064	50540.33	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	494922	34801.05	ng	-0.07
78) Terphenyl-d14	14.67	244	525285	0.00	ng	-0.09
Target Compounds						
18) Hexachloroethane	7.79	117	14723	3.96	ng	# 3
19) n-Nitroso-di-n-propylamine	7.79	70	29023	4.12	ng	# 80
45) 1,1'-Biphenyl	10.02	154	807	48.30	ng	# 1
47) 2-Nitroaniline	10.02	65	892	264.53	ng	# 1
48) Acenaphthylene	10.48	152	454	20.11	ng	# 1
49) Dimethylphthalate	10.22	163	219	14.13	ng	# 77
50) 2,6-Dinitrotoluene	10.48	165	874	272.00	ng	# 47
51) Acenaphthene	10.88	154	621	47.97	ng	96
54) Dibenzofuran	11.09	168	4503	234.53	ng	95
55) 4-Nitrophenol	10.67	139	392	141.81	ng	# 40
57) Fluorene	11.52	166	1313	82.36	ng	# 79
59) Diethylphthalate	11.17	149	1293	85.61	ng	# 58
62) Azobenzene	11.52	77	813	56.32	ng	# 32

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 559

Delta R.T. 0.11 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

Instrument :

BNA_F

ClientSampleId :

MW-16RE

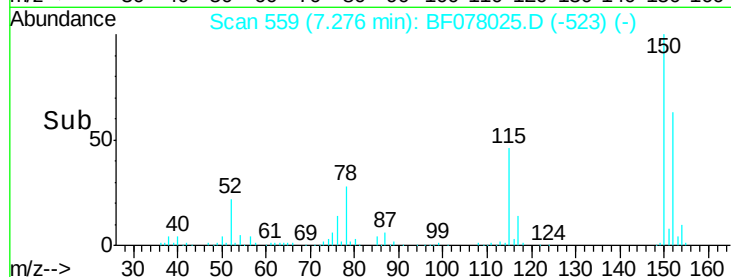
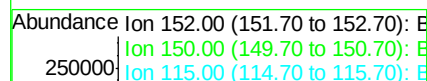
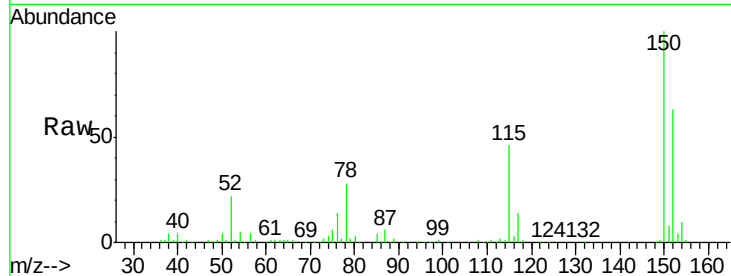
Tgt Ion:152 Resp: 143894

Ion Ratio Lower Upper

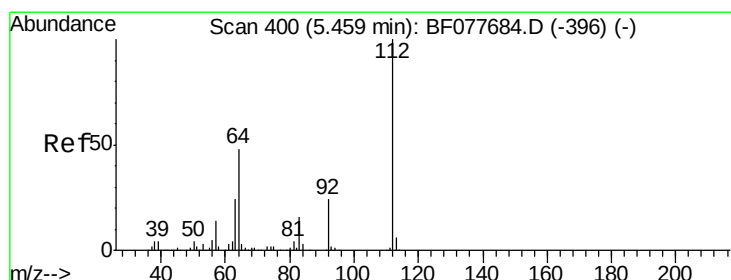
152 100

150 158.3 119.5 179.3

115 72.0 43.0 64.4#



Time-->



#5

2-Fluorophenol

Concen: 21.82 ng

RT: 5.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

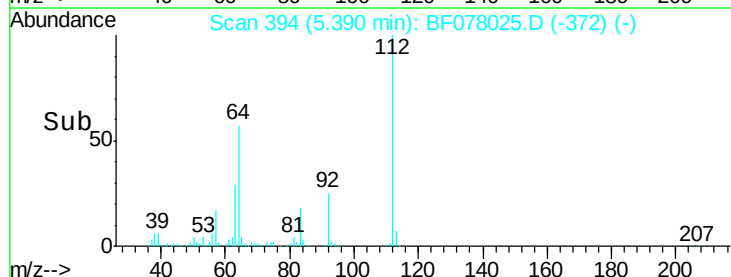
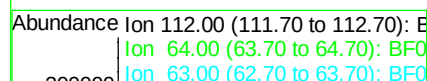
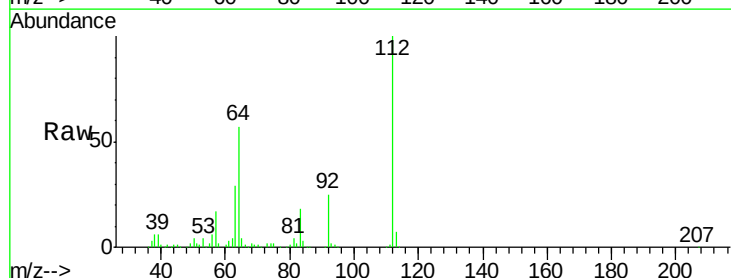
Tgt Ion:112 Resp: 179860

Ion Ratio Lower Upper

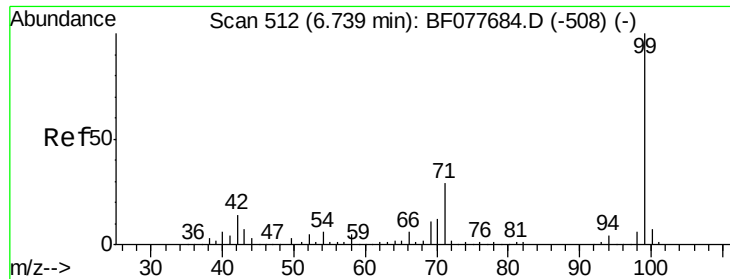
112 100

64 57.4 38.6 57.8

63 29.0 19.3 28.9#



Time-->



#7

Phenol-d6

Concen: 15.64 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

Instrument :

BNA_F

ClientSampleId :

MW-16RE

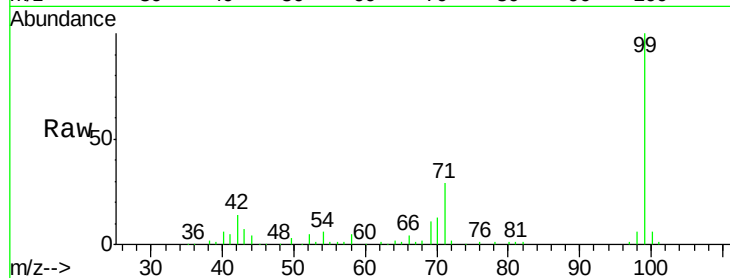
Tgt Ion: 99 Resp: 159255

Ion Ratio Lower Upper

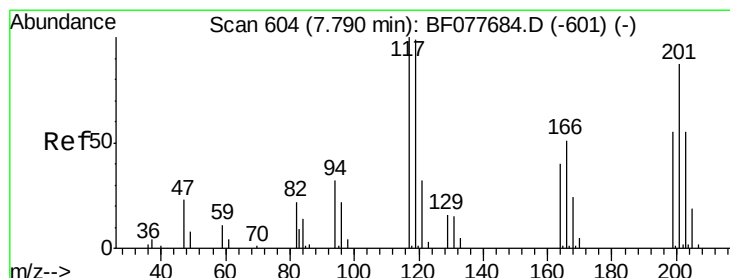
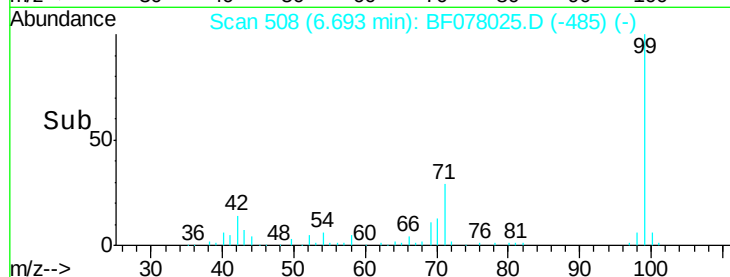
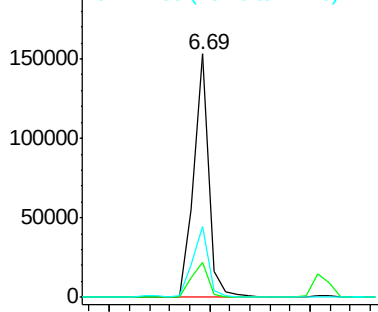
99 100

42 14.3 11.0 16.4

71 29.0 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



#18

Hexachloroethane

Concen: 3.96 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

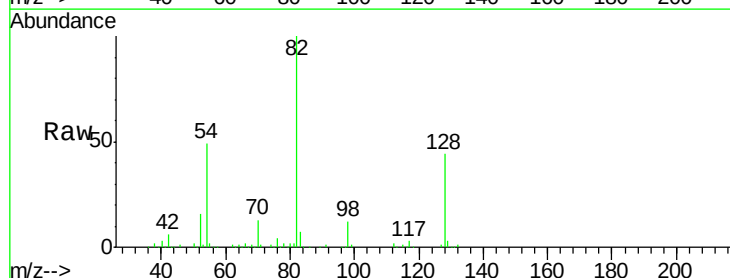
Tgt Ion: 117 Resp: 14723

Ion Ratio Lower Upper

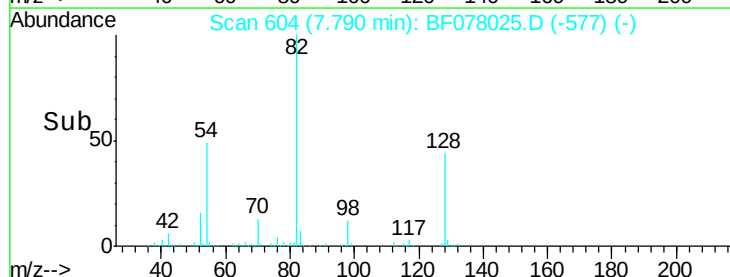
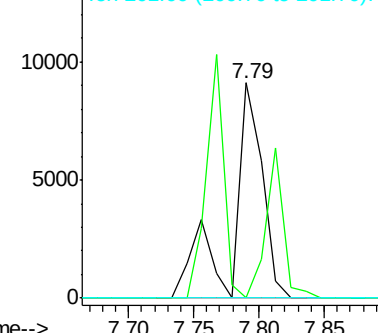
117 100

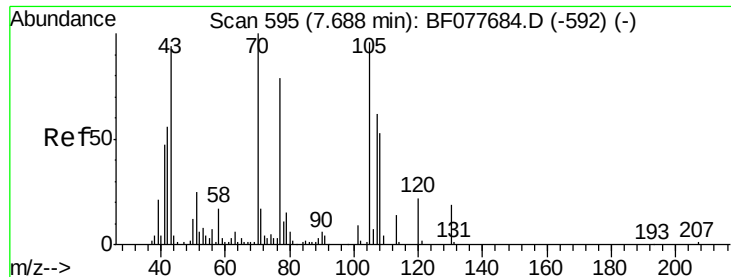
119 0.0 79.2 118.8#

201 0.0 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

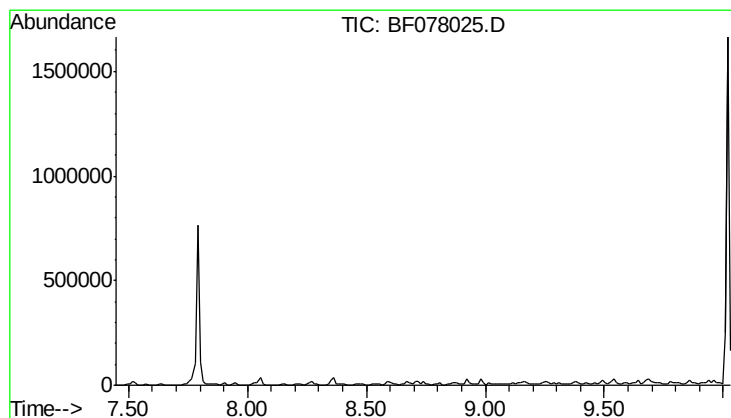
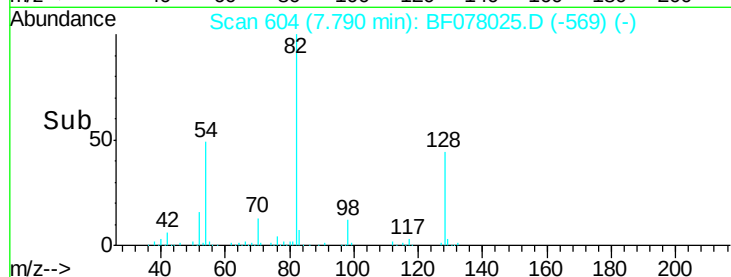
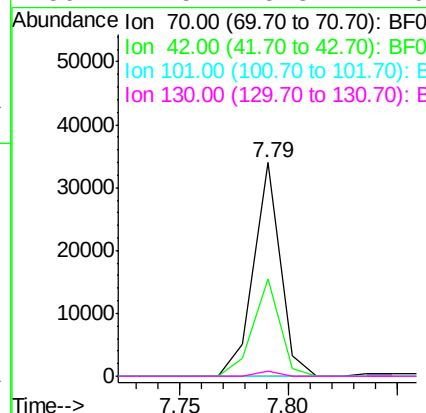
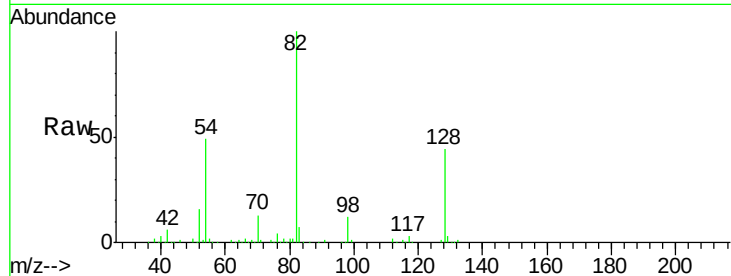




#19
n-Nitroso-di-n-propylamine
Concen: 4.12 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.10 min
Lab File: BF078025.D
Acq: 27 Mar 2015 6:57

Instrument :
BNA_F
ClientSampleId :
MW-16RE

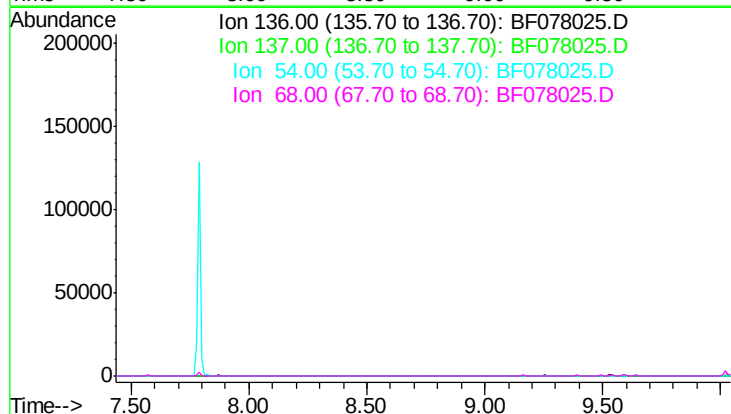
Tgt Ion: 70 Resp: 29023
Ion Ratio Lower Upper
70 100
42 45.5 44.5 66.7
101 0.0 7.4 11.2#
130 2.5 15.3 22.9#

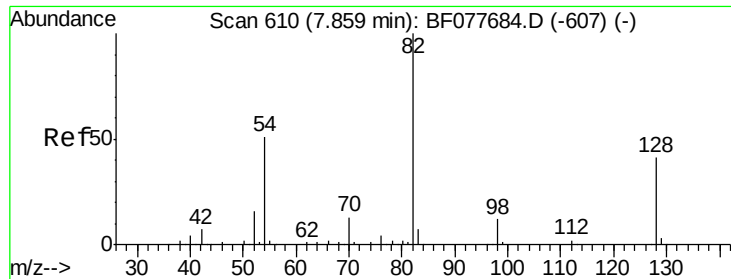


#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.74 min

Lab File: BF078025.D
Acq: 27 Mar 2015 6:57

Tgt Ion: 136
Sig Exp Ratio
136 100
137 10.9
54 5.7
68 4.6





#23

Nitrobenzene-d5

Concen: 0.00 ng

RT: 7.79 min Scan# 604

Delta R.T. -0.07 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

Instrument :

BNA_F

ClientSampleId :

MW-16RE

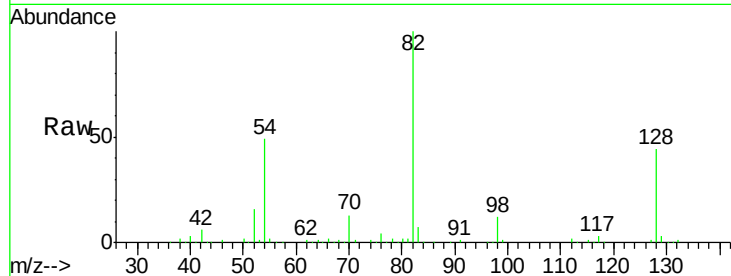
Tgt Ion: 82 Resp: 225835

Ion Ratio Lower Upper

82 100

128 44.3 32.8 49.2

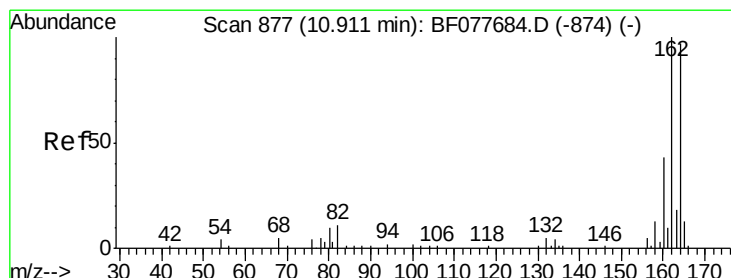
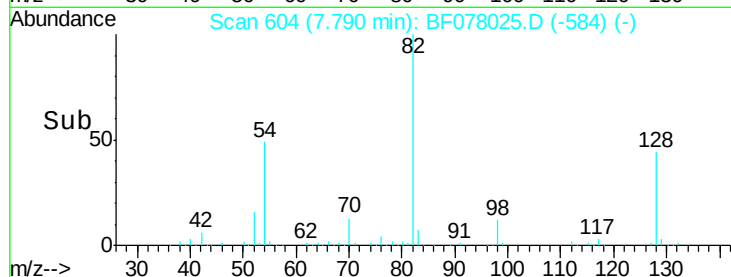
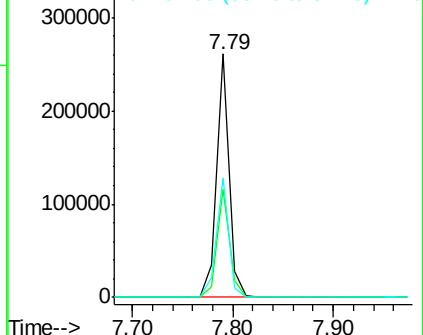
54 49.0 40.6 60.8



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: 10.65 min Scan# 854

Delta R.T. -0.26 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

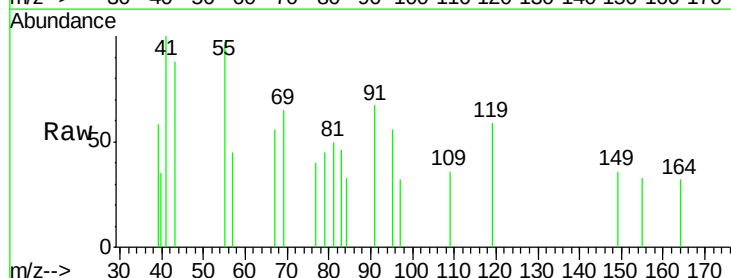
Tgt Ion: 164 Resp: 209

Ion Ratio Lower Upper

164 100

162 0.0 82.4 123.6#

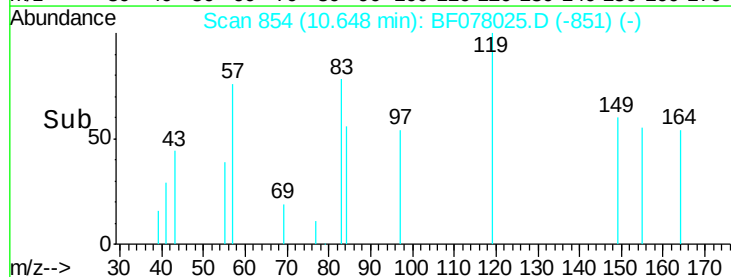
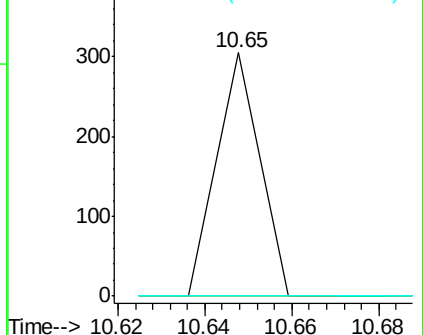
160 0.0 35.8 53.6#

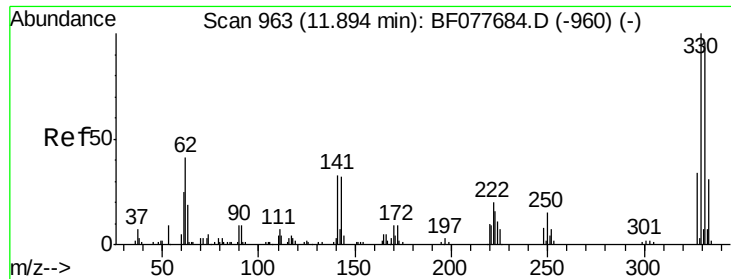


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

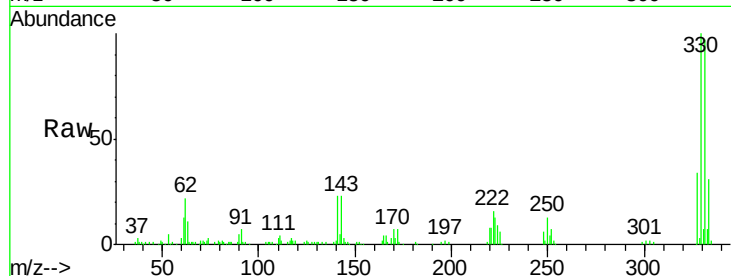




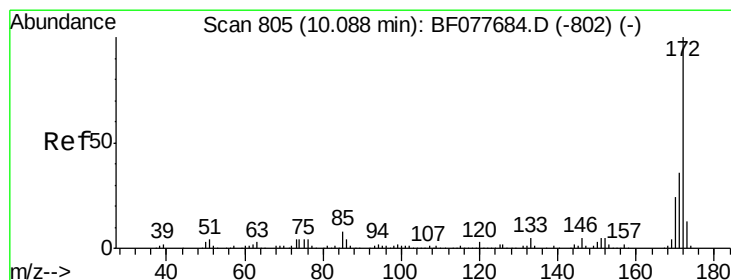
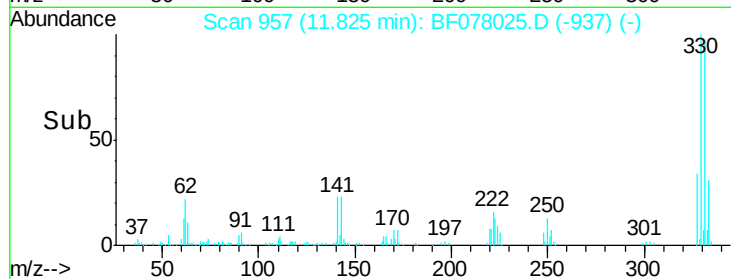
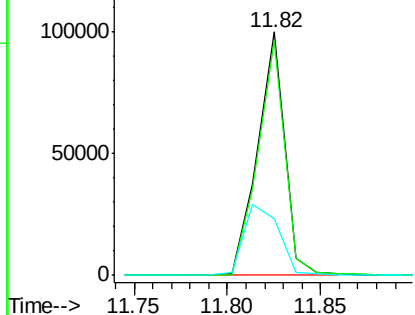
#41
 2,4,6-Tribromophenol
 Concen: 50540.33 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF078025.D
 Acq: 27 Mar 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-16RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.1	0.0	0.0#

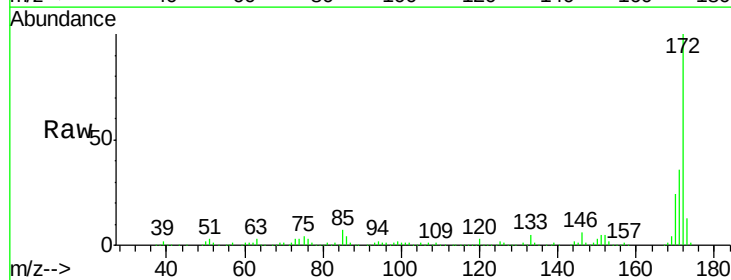


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

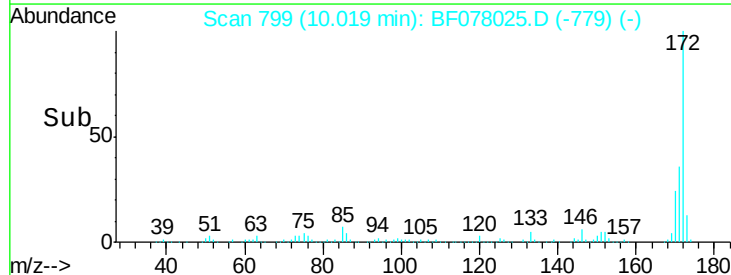
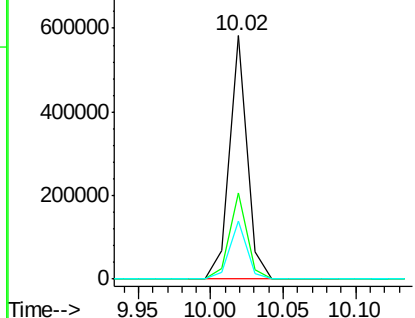


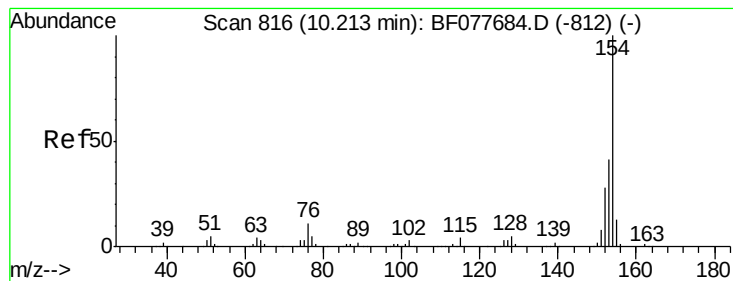
#44
 2-Fluorobiphenyl
 Concen: 34801.05 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078025.D
 Acq: 27 Mar 2015 6:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.9	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





#45

1,1'-Biphenyl

Concen: 48.30 ng

RT: 10.02 min Scan# 799

Delta R.T. -0.18 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

Instrument :

BNA_F

ClientSampleId :

MW-16RE

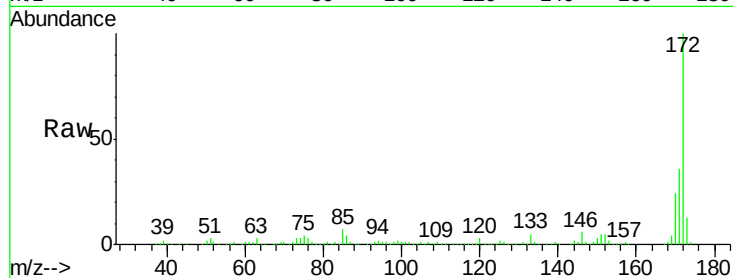
Tgt Ion:154 Resp: 807

Ion Ratio Lower Upper

154 100

153 832.5 20.7 60.7#

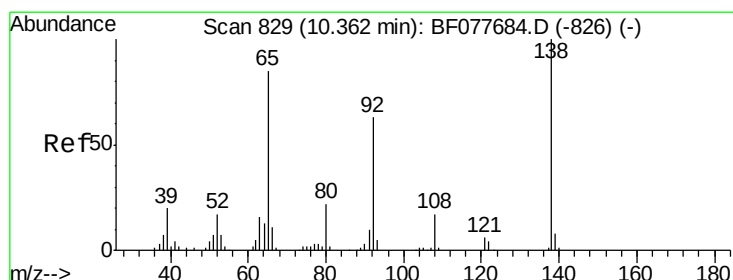
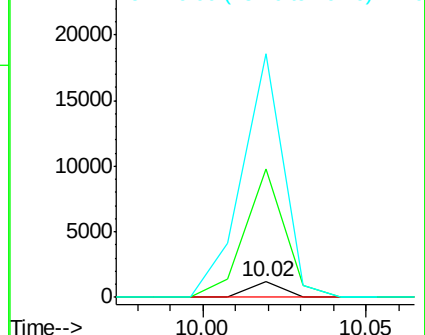
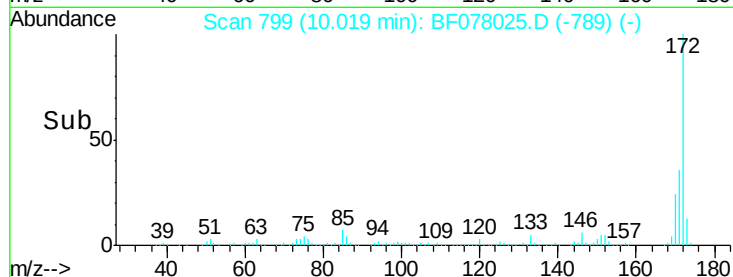
76 1576.2 0.0 30.9#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#47

2-Nitroaniline

Concen: 264.53 ng

RT: 10.02 min Scan# 799

Delta R.T. -0.34 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

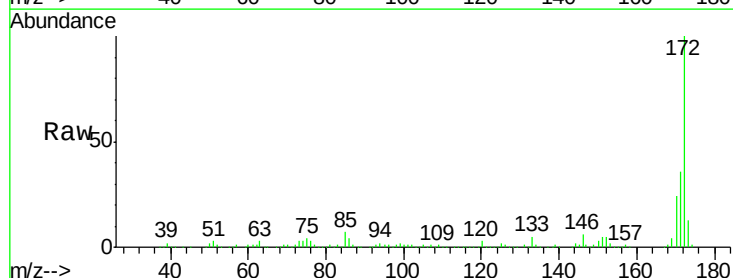
Tgt Ion: 65 Resp: 892

Ion Ratio Lower Upper

65 100

92 198.0 59.1 88.7#

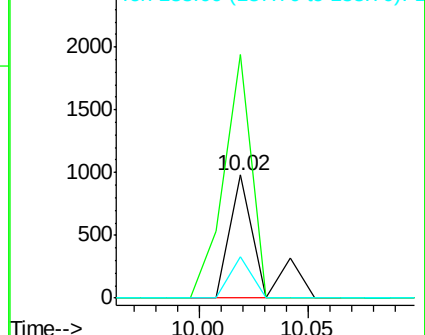
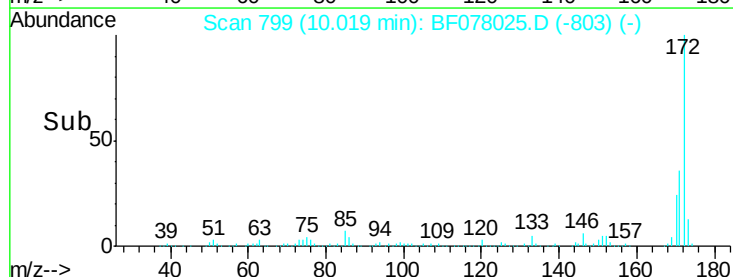
138 33.8 93.9 140.9#

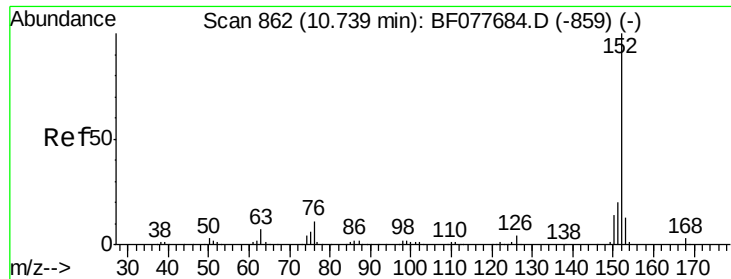


Abundance Ion 65.00 (64.70 to 65.70): BFO

Ion 92.00 (91.70 to 92.70): BFO

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 20.11 ng

RT: 10.48 min Scan# 839

Delta R.T. -0.26 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

Instrument :

BNA_F

ClientSampleId :

MW-16RE

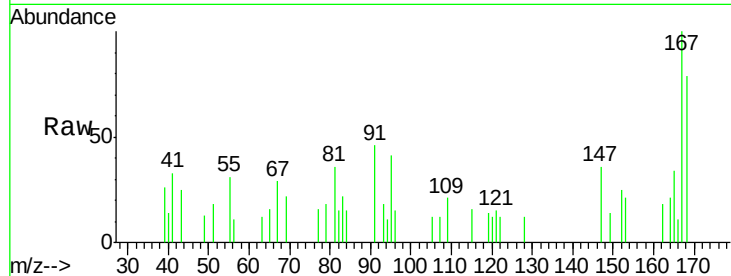
Tgt Ion:152 Resp: 454

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

153 86.7 10.6 16.0#

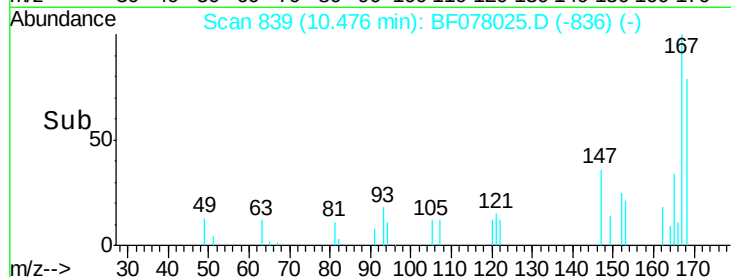


Abundance Ion 152.00 (151.70 to 152.70): E

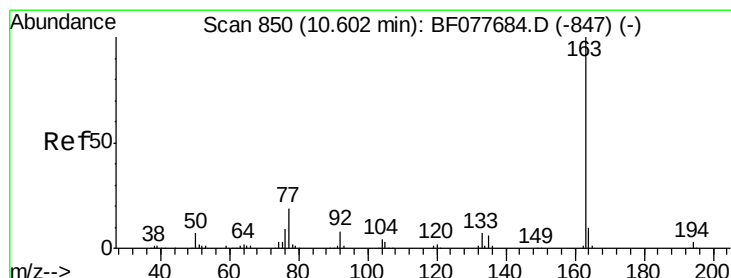
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



Time-->



#49

Dimethylphthalate

Concen: 14.13 ng

RT: 10.22 min Scan# 817

Delta R.T. -0.38 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

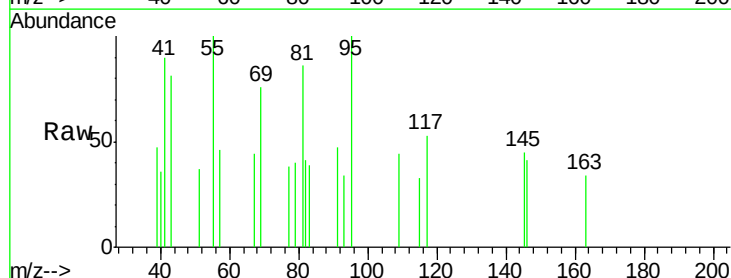
Tgt Ion:163 Resp: 219

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

164 0.0 8.2 12.2#

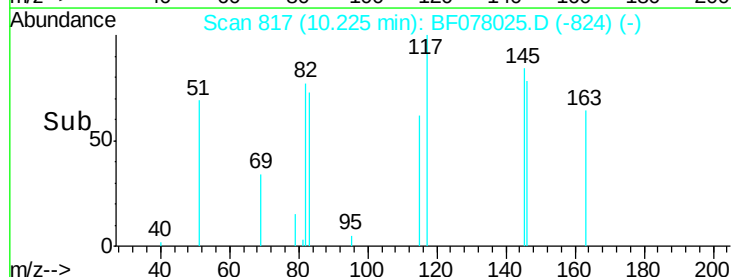


Abundance Ion 163.00 (162.70 to 163.70): E

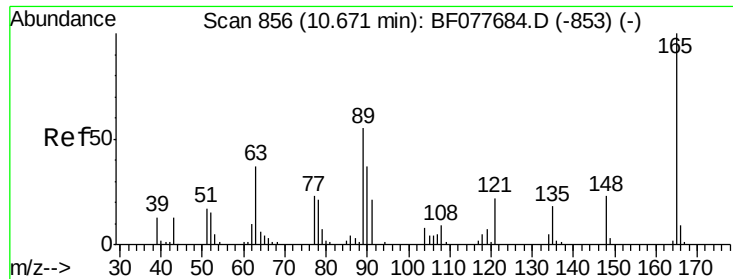
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



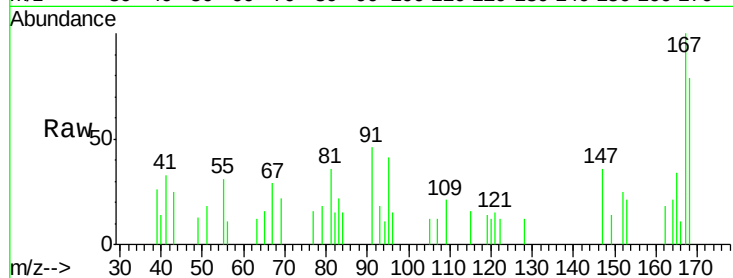
Time-->



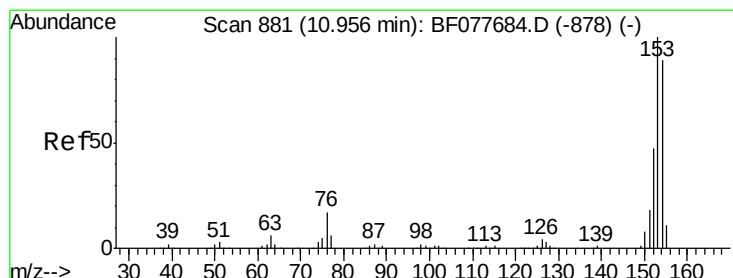
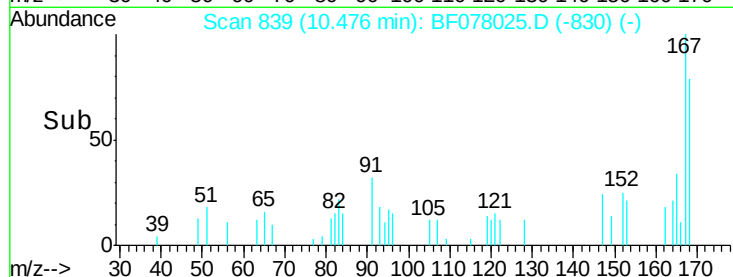
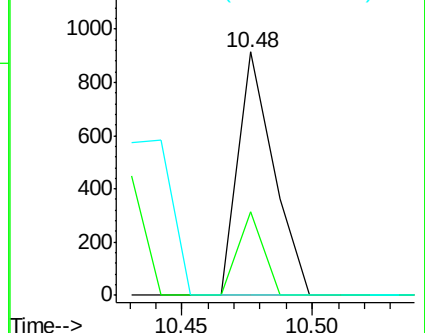
#50
 2,6-Dinitrotoluene
 Concen: 272.00 ng
 RT: 10.48 min Scan# 839
 Delta R.T. -0.19 min
 Lab File: BF078025.D
 Acq: 27 Mar 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-16RE

Tgt Ion:165 Resp: 874
 Ion Ratio Lower Upper
 165 100
 63 34.4 44.1 66.1#
 89 0.0 44.3 66.5#

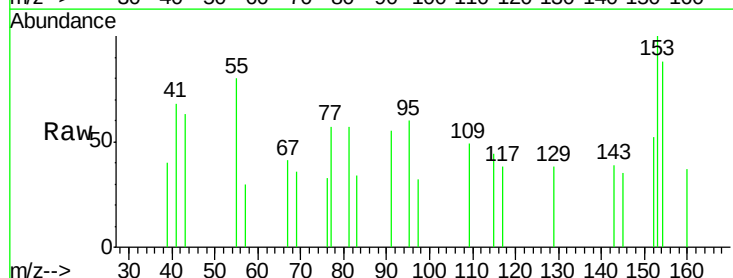


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

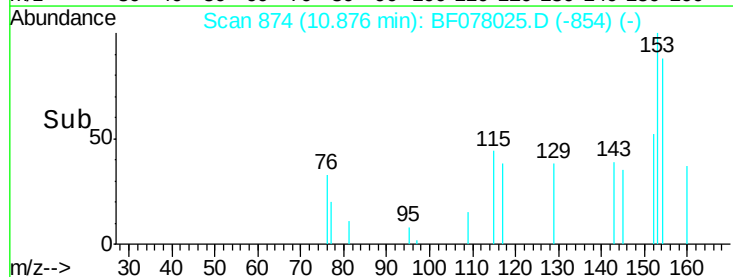
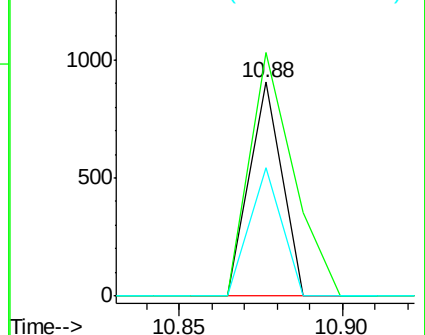


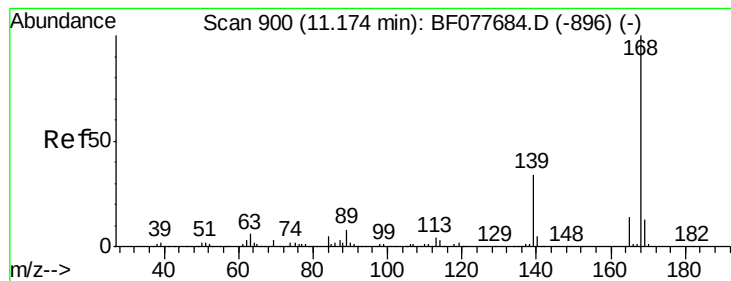
#51
 Acenaphthene
 Concen: 47.97 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.07 min
 Lab File: BF078025.D
 Acq: 27 Mar 2015 6:57

Tgt Ion:154 Resp: 621
 Ion Ratio Lower Upper
 154 100
 153 113.8 90.0 135.0
 152 59.7 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 234.53 ng

RT: 11.09 min Scan# 893

Delta R.T. -0.07 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

Instrument :

BNA_F

ClientSampleId :

MW-16RE

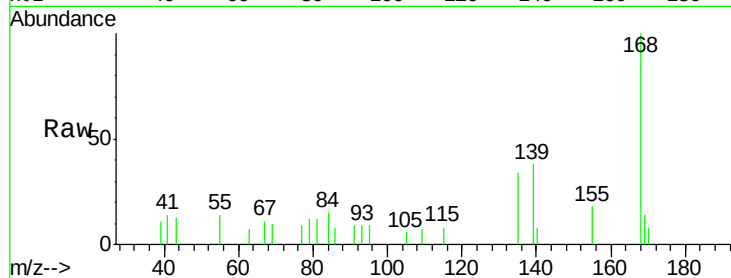
Tgt Ion:168 Resp: 4503

Ion Ratio Lower Upper

168 100

139 38.3 27.3 40.9

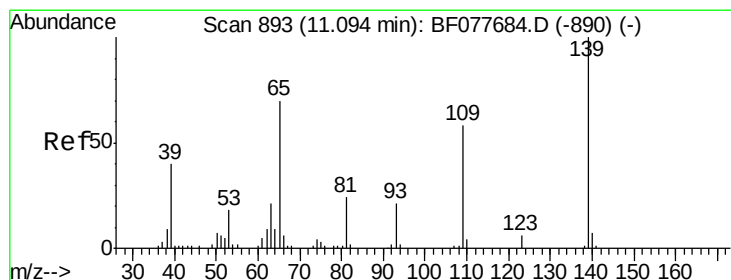
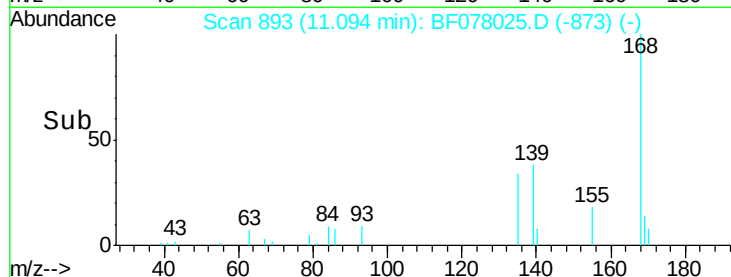
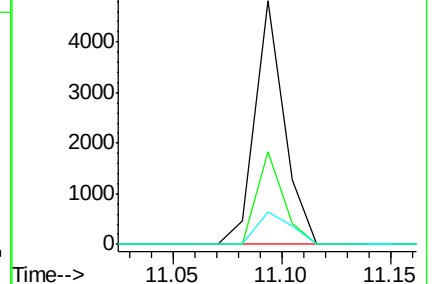
169 13.6 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 141.81 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.42 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

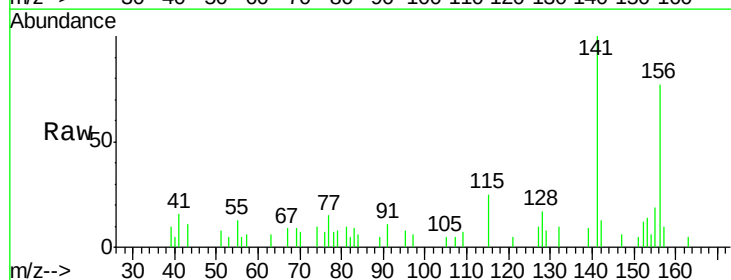
Tgt Ion:139 Resp: 392

Ion Ratio Lower Upper

139 100

109 78.8 37.7 77.7#

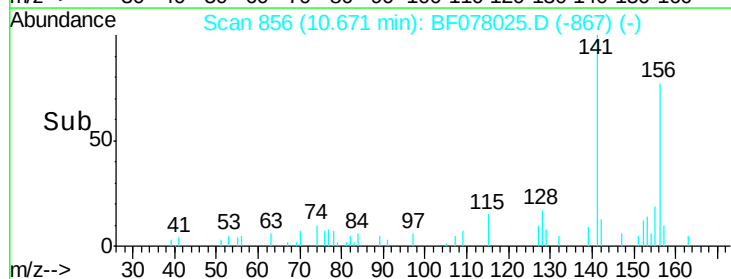
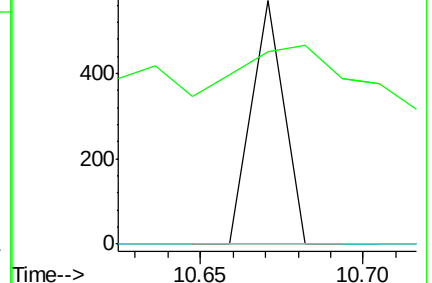
65 0.0 49.9 89.9#

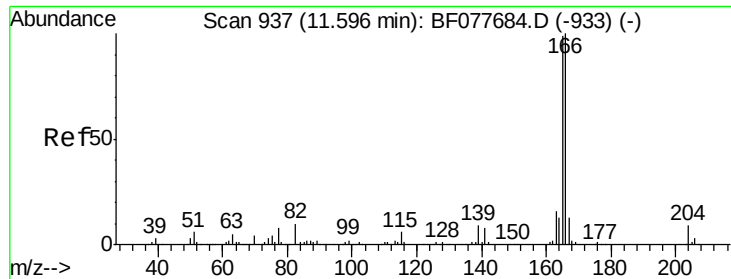


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

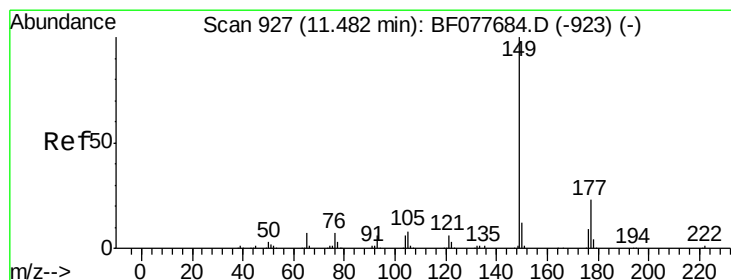
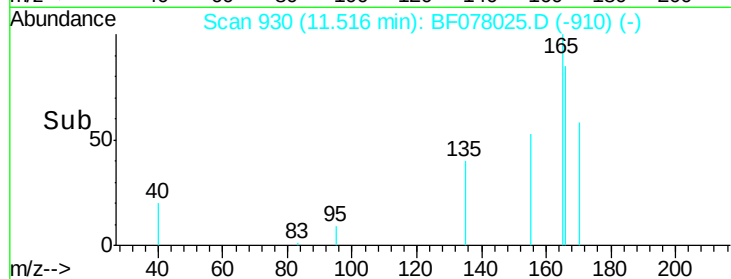
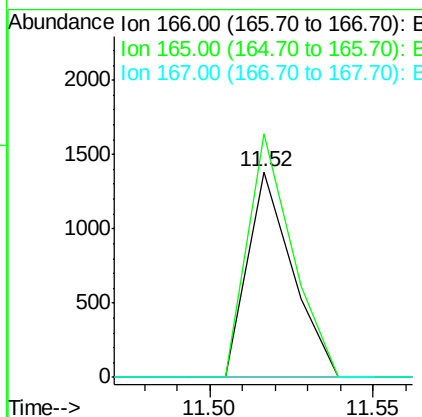
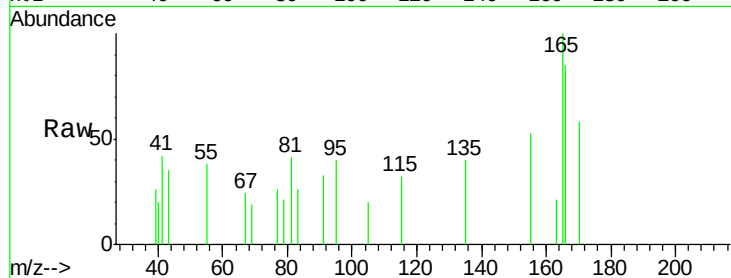




#57
 Fluorene
 Concen: 82.36 ng
 RT: 11.52 min Scan# 930
 Delta R.T. -0.07 min
 Lab File: BF078025.D
 Acq: 27 Mar 2015 6:57

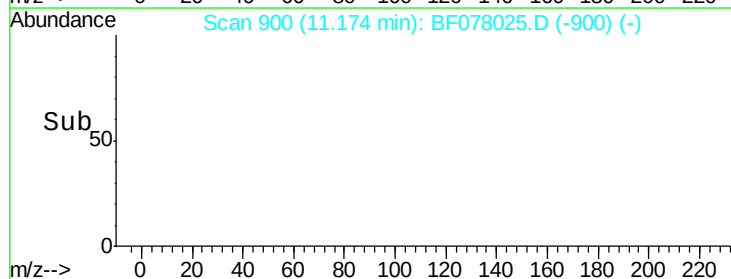
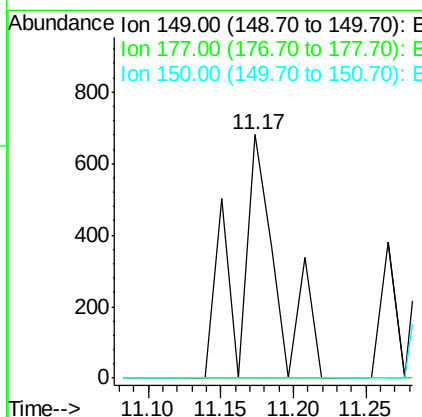
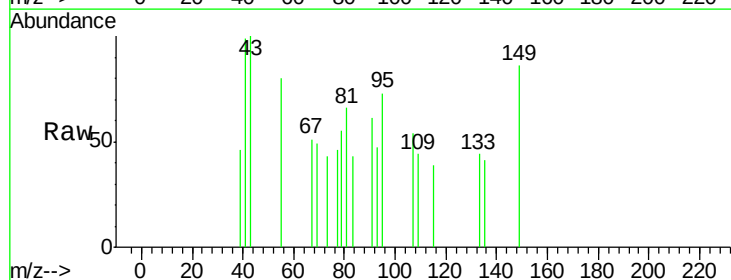
Instrument :
 BNA_F
 ClientSampleId :
 MW-16RE

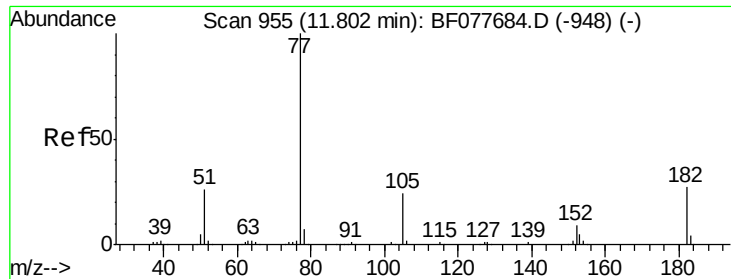
Tgt Ion:166 Resp: 1313
 Ion Ratio Lower Upper
 166 100
 165 118.3 79.0 118.4
 167 0.0 10.3 15.5#



#59
 Diethylphthalate
 Concen: 85.61 ng
 RT: 11.17 min Scan# 900
 Delta R.T. -0.30 min
 Lab File: BF078025.D
 Acq: 27 Mar 2015 6:57

Tgt Ion:149 Resp: 1293
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.3 27.5#
 150 0.0 9.8 14.8#





#62

Azobenzene

Concen: 56.32 ng

RT: 11.52 min Scan# 930

Delta R.T. -0.27 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

Instrument :

BNA_F

ClientSampleId :

MW-16RE

Tgt Ion: 77 Resp: 813

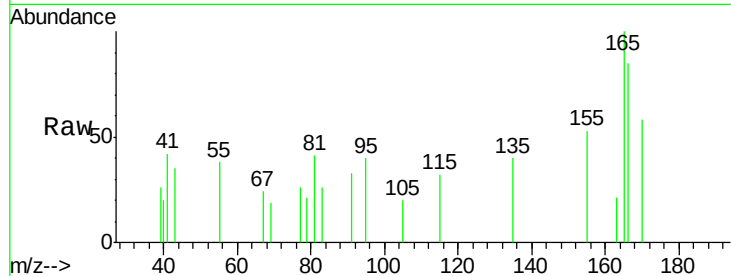
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 74.9 3.8 43.8#

51 0.0 5.5 45.5#

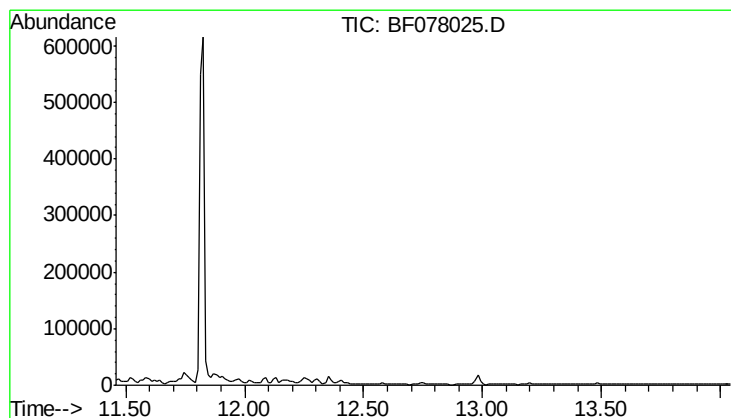
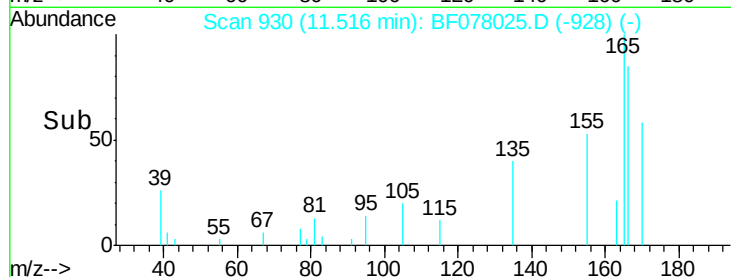
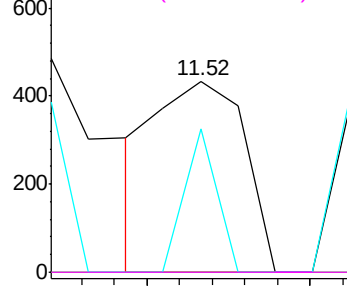


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 0.00 ng

Expected RT: 12.75 min

Lab File: BF078025.D

Acq: 27 Mar 2015 6:57

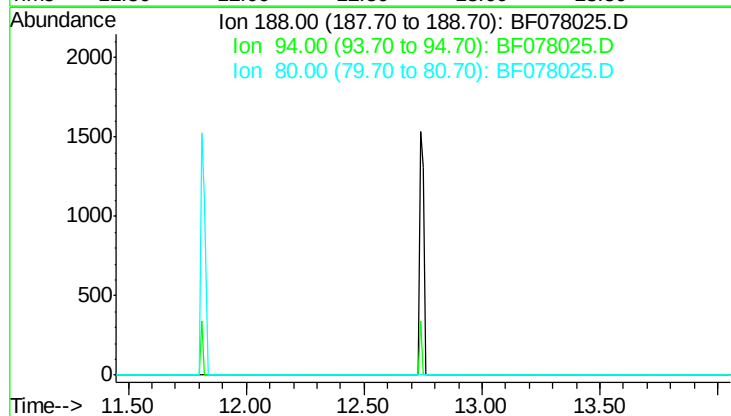
Tgt Ion: 188

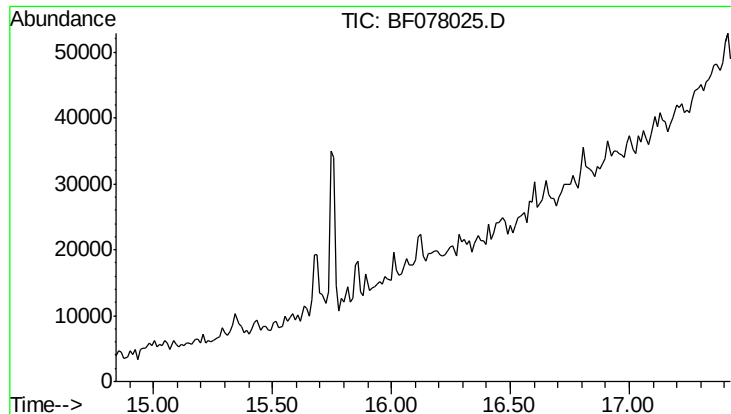
Sig Exp Ratio

188 100

94 10.9

80 11.6

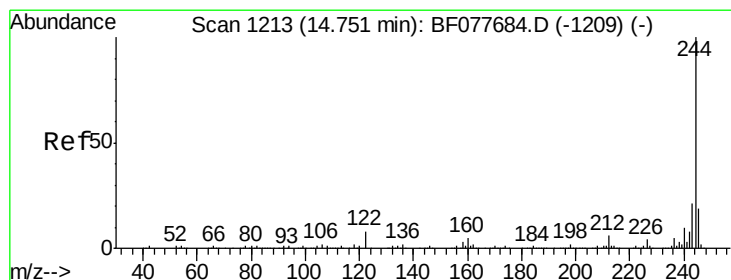
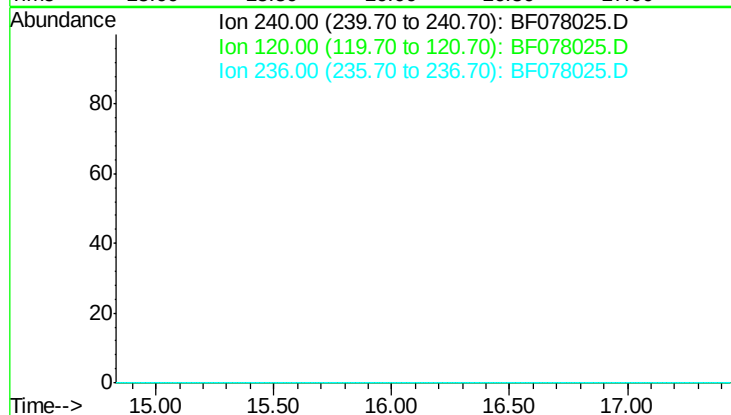




#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 16.13 min
 Lab File: BF078025.D
 Acq: 27 Mar 2015 6:57

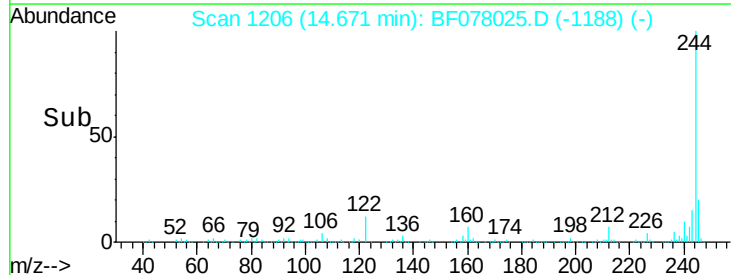
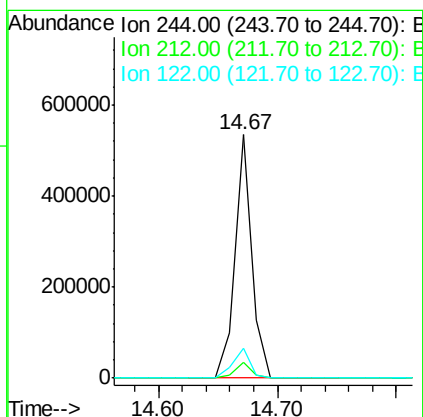
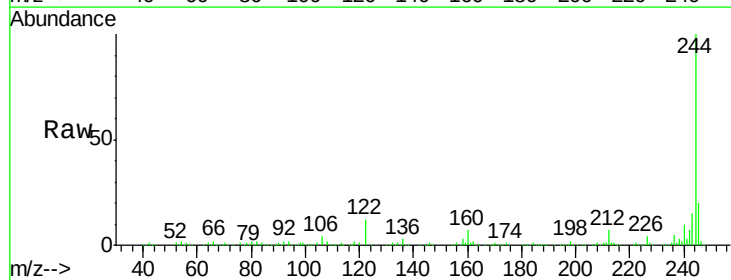
Instrument :
 BNA_F
 ClientSampleId :
 MW-16RE

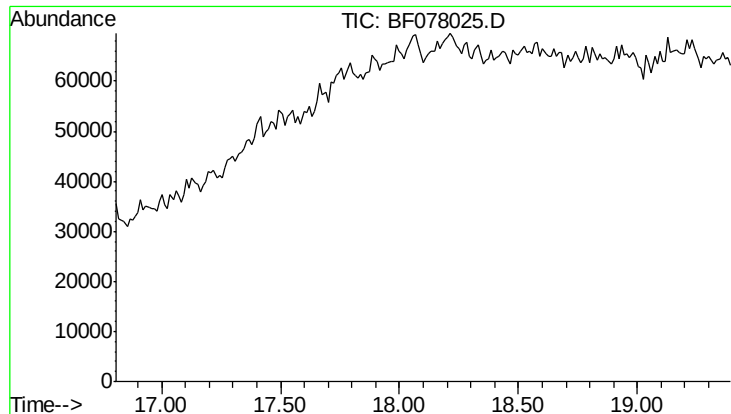
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 10.2
 236 25.0



#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.09 min
 Lab File: BF078025.D
 Acq: 27 Mar 2015 6:57

Tgt Ion: 244 Resp: 525285
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 12.2 6.2 9.4#





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 18.10 min

Lab File: BF078025.D
Acq: 27 Mar 2015 6:57

Instrument :
BNA_F
ClientSampleId :
MW-16RE

Tgt Ion: 264
Sig Exp Ratio
264 100
260 23.2
265 21.6

