

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072315\  
 Data File : BF080598.D  
 Acq On : 23 Jul 2015 18:16  
 Operator : TP/UM  
 Sample : PB84631BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84631BL

Quant Time: Jul 24 00:40:39 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 23 19:10:33 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 39361    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.24  | 136  | 148763   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.00 | 164  | 64280    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.48 | 188  | 120674   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.21 | 240  | 98544    | 20.00 | ng    | -0.09    |
| 86) Perylene-d12          | 15.83 | 264  | 73905    | 20.00 | ng    | -0.17    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.53  | 112  | 171732   | 75.36 | ng    | 0.01     |
| 7) Phenol-d6                | 6.56  | 99   | 219003   | 78.61 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 207955   | 79.21 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.77 | 330  | 38152    | 74.90 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 384629   | 86.82 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.08 | 244  | 355423   | 75.47 | ng    | -0.03    |

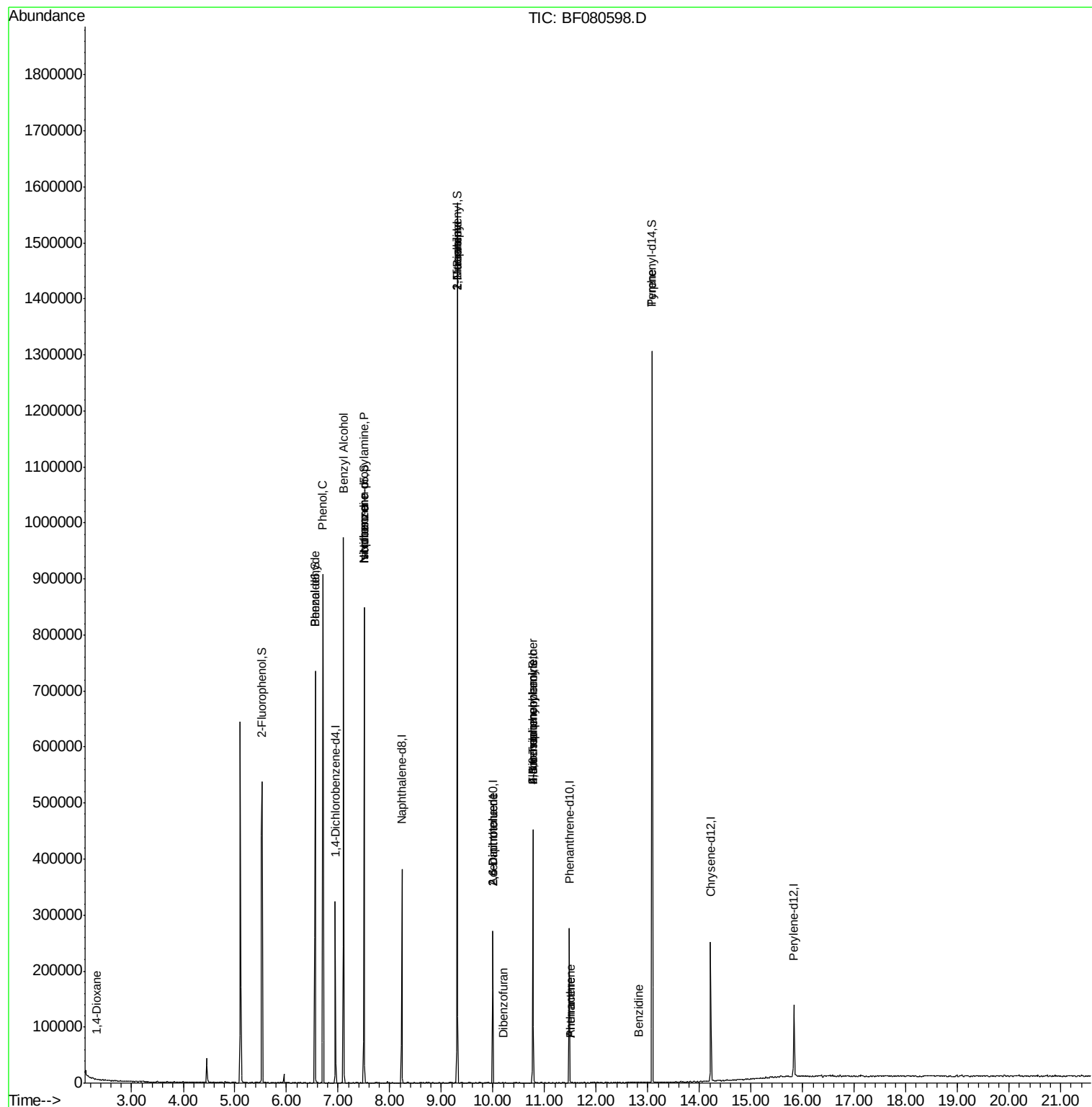
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.33  | 88   | 214      | 0.20  | ng    | # 100  |
| 9) Benzaldehyde                | 6.56  | 77   | 289      | 0.14  | ng    | # 4    |
| 10) Phenol                     | 6.70  | 94   | 363      | 0.11  | ng    | # 1    |
| 15) Benzyl Alcohol             | 7.10  | 79   | 4021     | 1.64  | ng    | # 47   |
| 19) n-Nitroso-di-n-propylamine | 7.50  | 70   | 30999    | 16.42 | ng    | # 74   |
| 24) Nitrobenzene               | 7.50  | 77   | 542      | 0.19  | ng    | # 38   |
| 25) Isophorone                 | 7.50  | 82   | 193057   | 39.70 | ng    | # 66   |
| 45) 1,1'-Biphenyl              | 9.31  | 154  | 865      | 0.17  | ng    | # 1    |
| 47) 2-Nitroaniline             | 9.31  | 65   | 732      | 0.57  | ng    | # 1    |
| 50) 2,6-Dinitrotoluene         | 10.00 | 165  | 7847     | 8.87  | ng    | # 13   |
| 54) Dibenzofuran               | 10.19 | 168  | 251      | 0.05  | ng    | # 44   |
| 56) 2,4-Dinitrotoluene         | 10.00 | 165  | 7848     | 7.08  | ng    | # 10   |
| 57) Fluorene                   | 10.77 | 166  | 1813     | 0.41  | ng    | # 60   |
| 65) n-Nitrosodiphenylamine     | 10.77 | 169  | 2110     | 0.53  | ng    | # 46   |
| 66) 4-Bromophenyl-phenylether  | 10.77 | 248  | 2838     | 2.31  | ng    | # 1    |
| 70) Phenanthrene               | 11.50 | 178  | 389      | 0.06  | ng    | # 60   |
| 71) Anthracene                 | 11.50 | 178  | 389      | 0.06  | ng    | # 61   |
| 76) Benzydine                  | 12.82 | 184  | 438      | 0.15  | ng    | # 67   |
| 77) Pyrene                     | 13.08 | 202  | 1287     | 0.19  | ng    | # 70   |

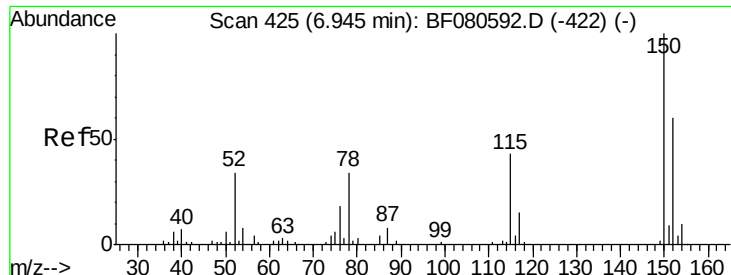
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072315\  
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QLast Update : Thu Jul 23 19:10:33 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA\_F

ClientSampled :

PB84631BL

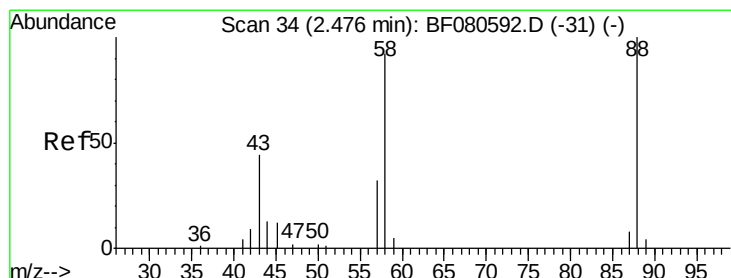
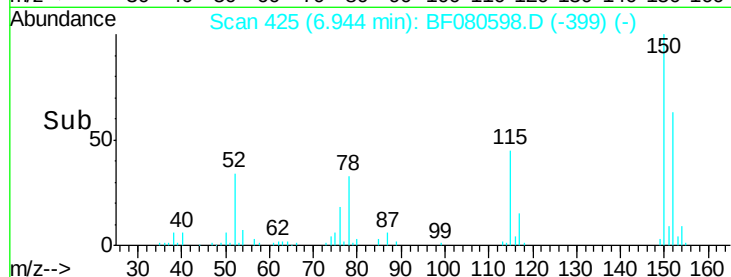
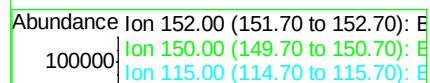
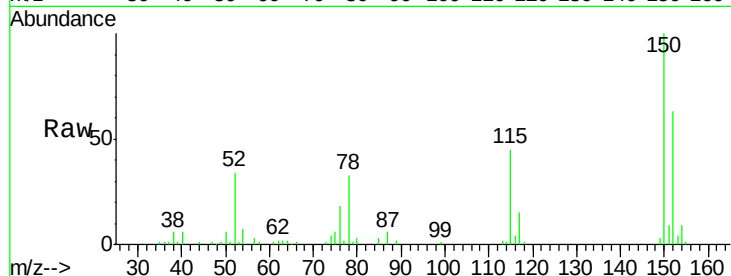
Tgt Ion:152 Resp: 39361

Ion Ratio Lower Upper

152 100

150 159.0 128.7 193.1

115 71.0 56.8 85.2



#2

1,4-Dioxane

Concen: 0.20 ng

RT: 2.33 min Scan# 21

Delta R.T. -0.15 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

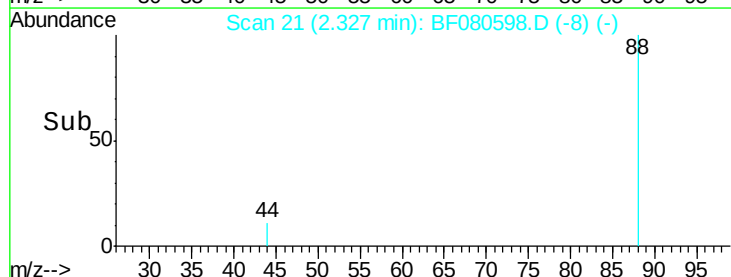
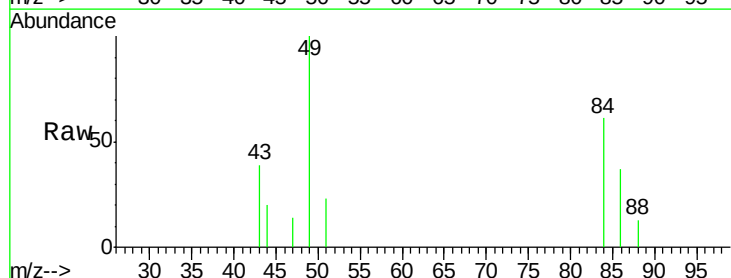
Tgt Ion: 88 Resp: 214

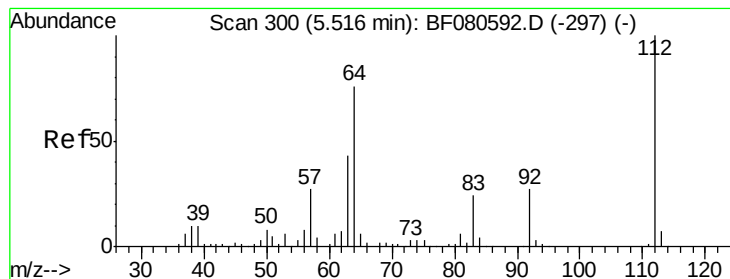
Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

43 370.6 0.0 0.0#

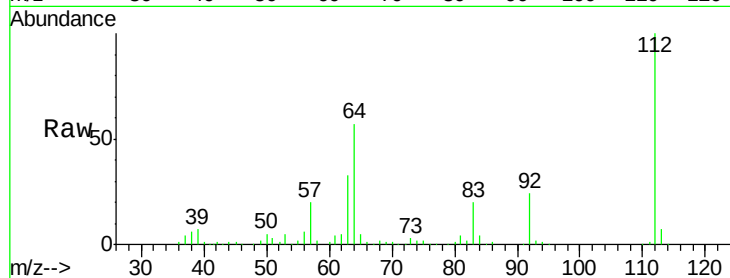




#5  
 2-Fluorophenol  
 Concen: 75.36 ng  
 RT: 5.53 min Scan# 301  
 Delta R.T. 0.01 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84631BL

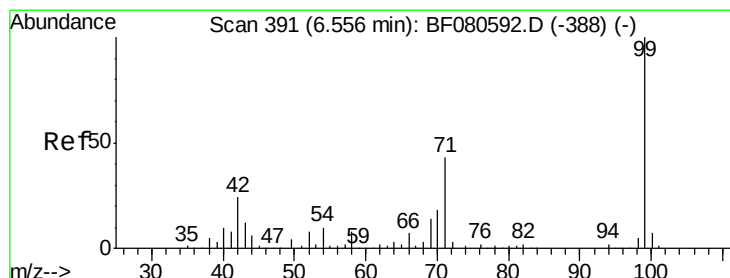
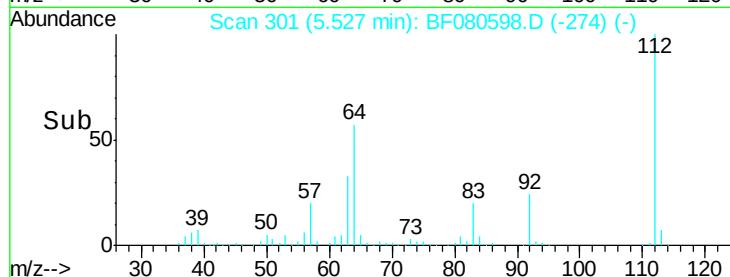
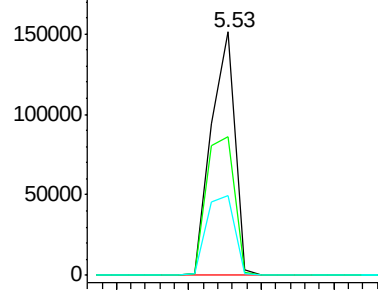
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.8  | 60.2  | 90.2# |
| 63      | 32.6  | 34.8  | 52.2# |



Abundance Ion 112.00 (111.70 to 112.70): E

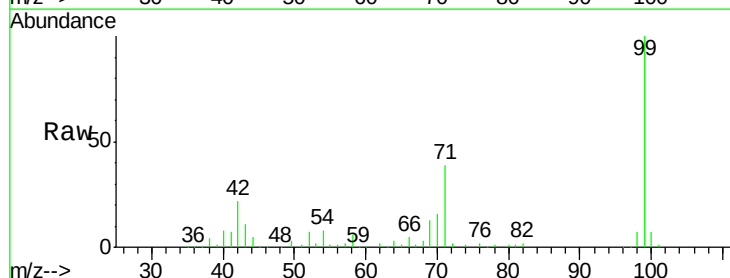
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7  
 Phenol-d6  
 Concen: 78.61 ng  
 RT: 6.56 min Scan# 391  
 Delta R.T. -0.00 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

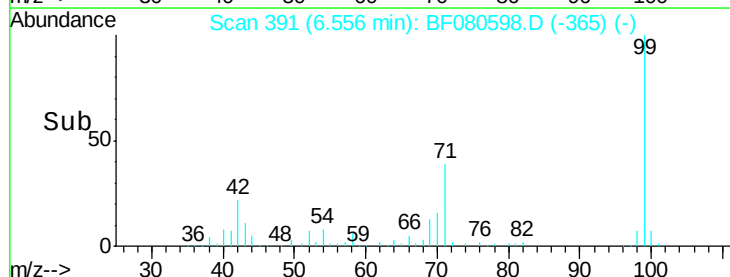
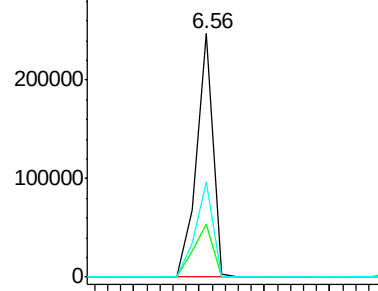
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 21.6  | 17.4  | 26.2  |
| 71      | 38.9  | 29.0  | 43.6  |

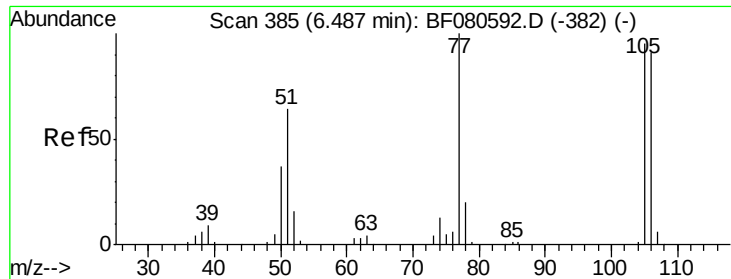


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.14 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.07 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA\_F

ClientSampled :

PB84631BL

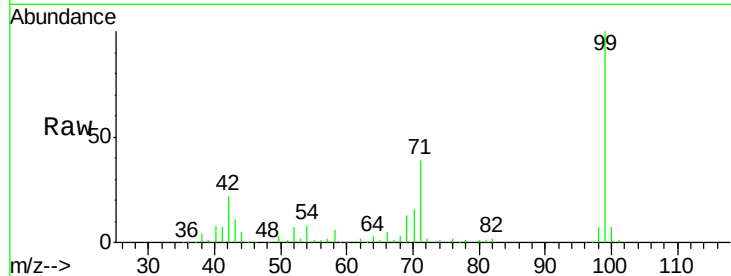
Tgt Ion: 77 Resp: 289

Ion Ratio Lower Upper

77 100

105 0.0 72.3 112.3#

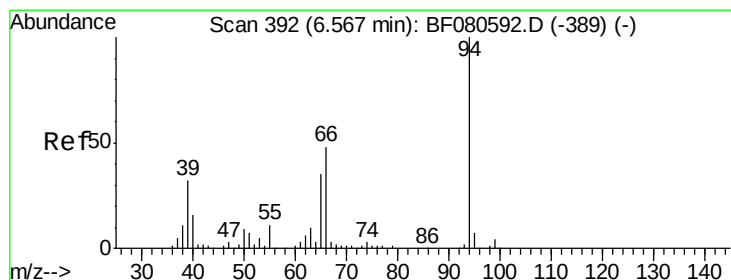
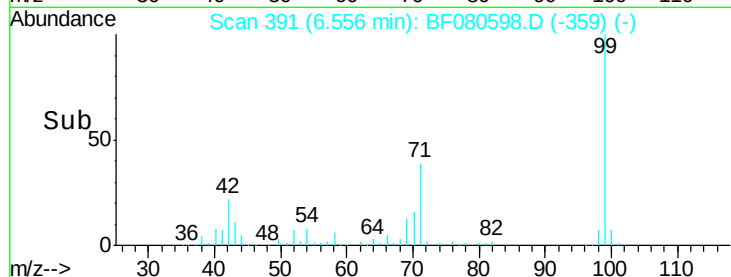
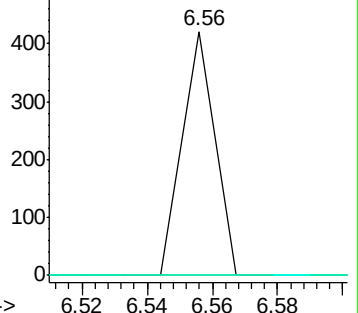
106 0.0 67.5 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.11 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.14 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

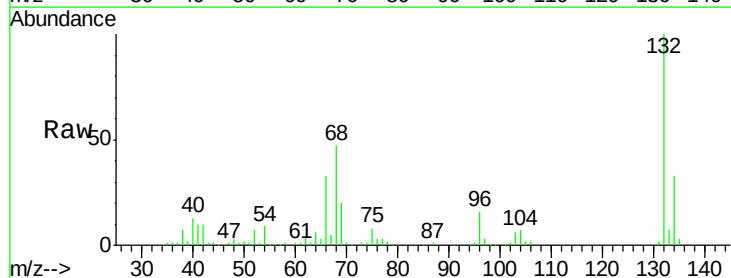
Tgt Ion: 94 Resp: 363

Ion Ratio Lower Upper

94 100

65 1169.8 12.1 52.1#

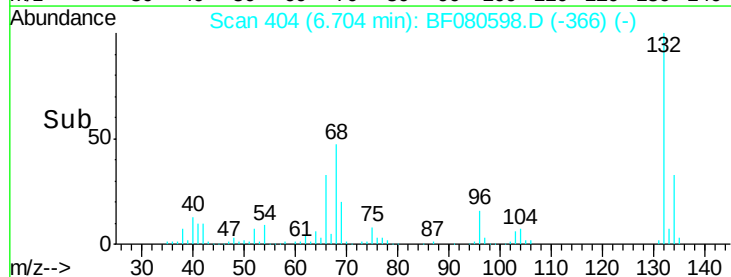
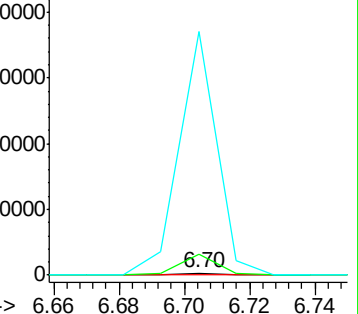
66 14005.3 24.3 64.3#

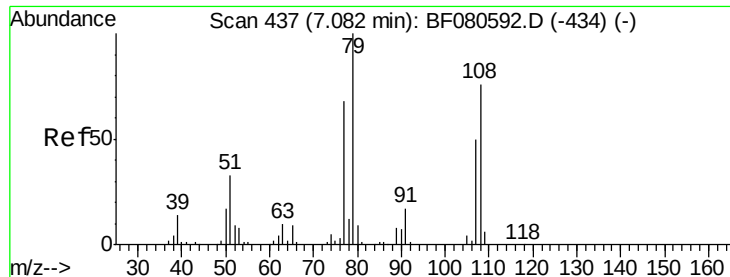


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 1.64 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.02 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA\_F

ClientSampleId :

PB84631BL

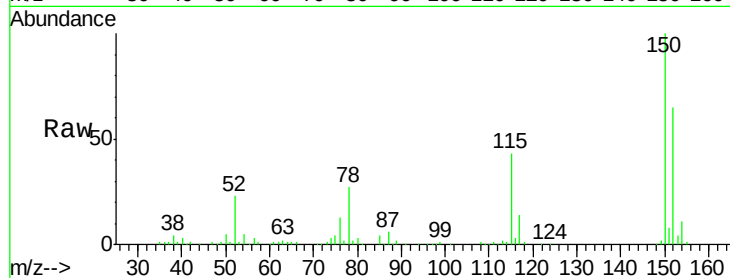
Tgt Ion: 79 Resp: 4021

Ion Ratio Lower Upper

79 100

108 31.8 61.5 92.3#

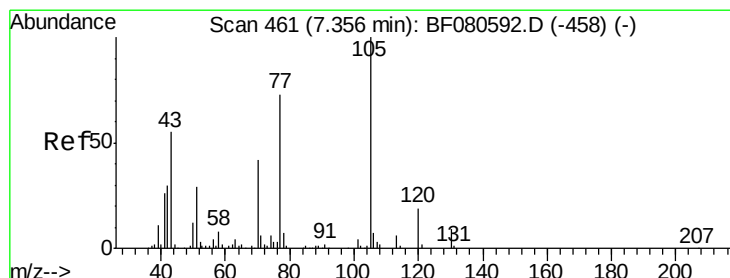
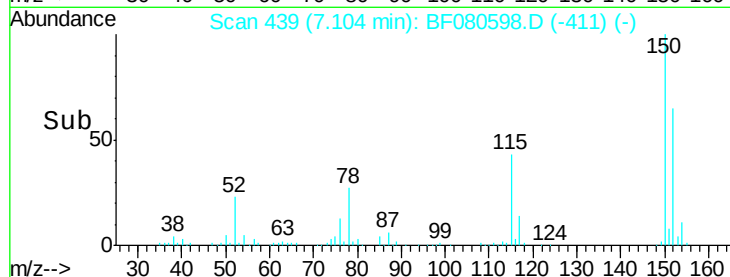
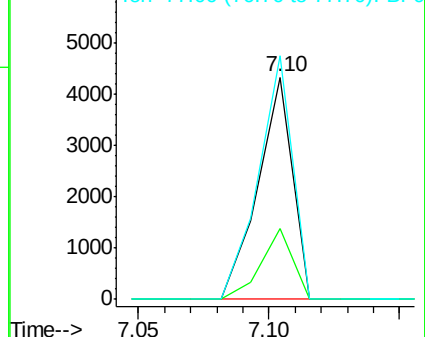
77 109.6 53.6 80.4#



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: 16.42 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.15 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Tgt Ion: 70 Resp: 30999

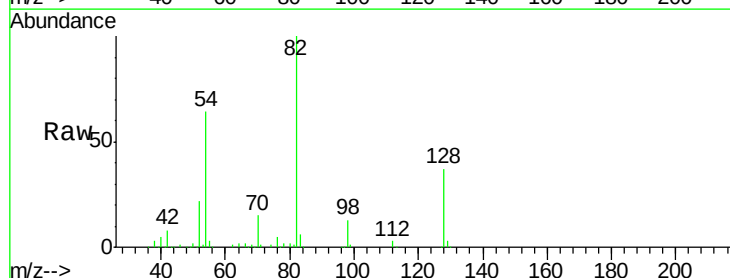
Ion Ratio Lower Upper

70 100

42 56.2 56.6 85.0#

101 0.0 9.7 14.5#

130 1.3 19.1 28.7#

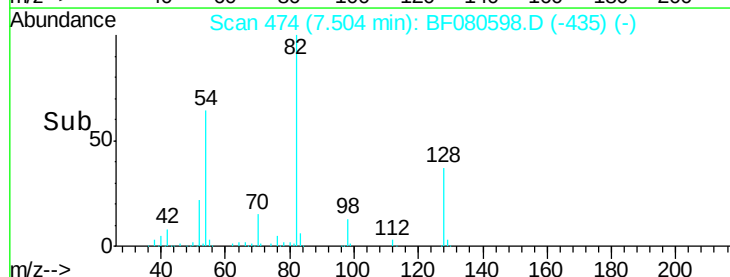
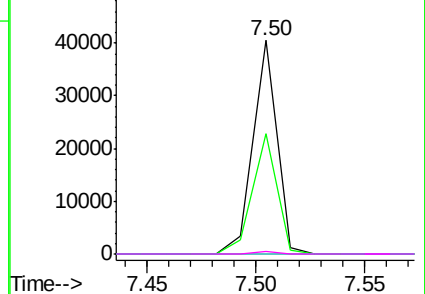


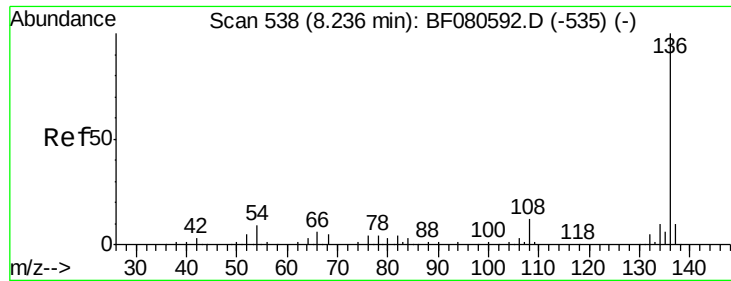
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

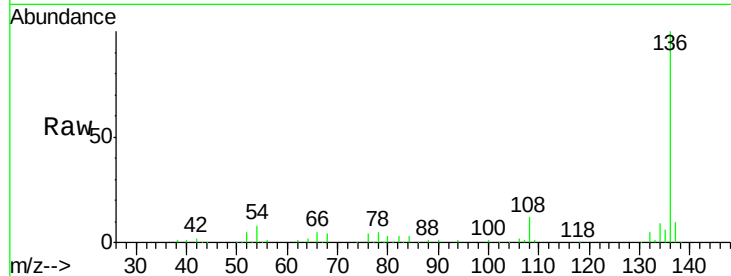




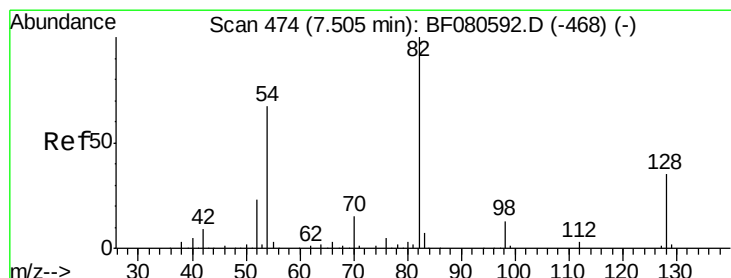
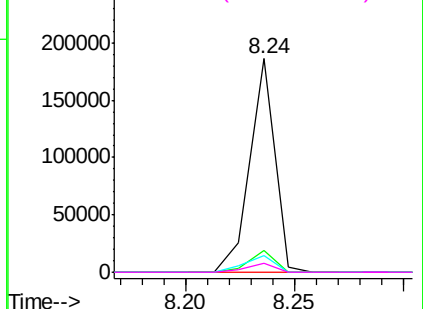
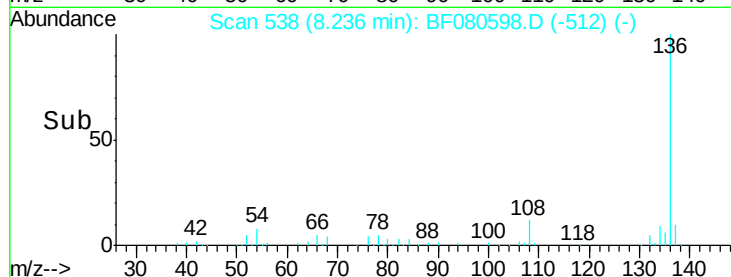
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.24 min Scan# 538  
Delta R.T. -0.00 min  
Lab File: BF080598.D  
Acq: 23 Jul 2015 18:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB84631BL

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 148763 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 7.8   | 11.8   |
| 54       | 8.1   | 7.2   | 10.8   |
| 68       | 4.0   | 3.8   | 5.6    |

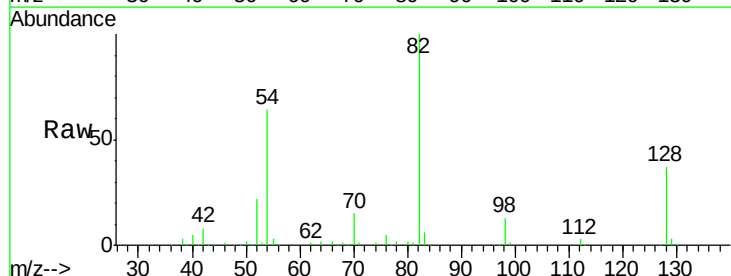


Abundance Ion 136.00 (135.70 to 136.70): B  
Ion 137.00 (136.70 to 137.70): B  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

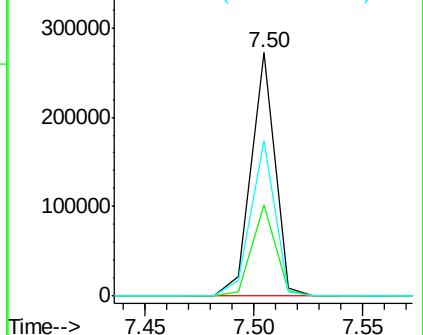
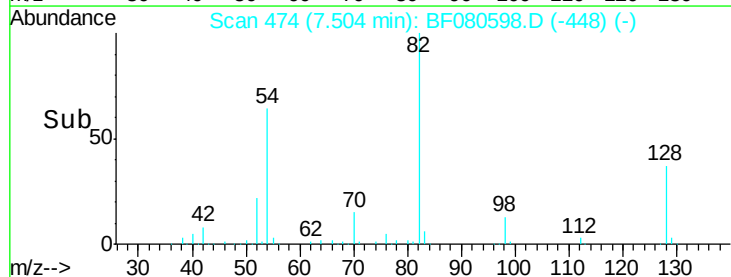


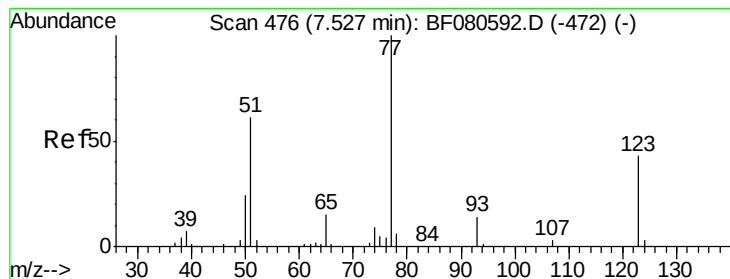
#23  
Nitrobenzene-d5  
Concen: 79.21 ng  
RT: 7.50 min Scan# 474  
Delta R.T. -0.00 min  
Lab File: BF080598.D  
Acq: 23 Jul 2015 18:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 207955 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 37.3  | 28.9  | 43.3   |
| 54       | 63.7  | 54.5  | 81.7   |



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.19 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA\_F

ClientSampleId :

PB84631BL

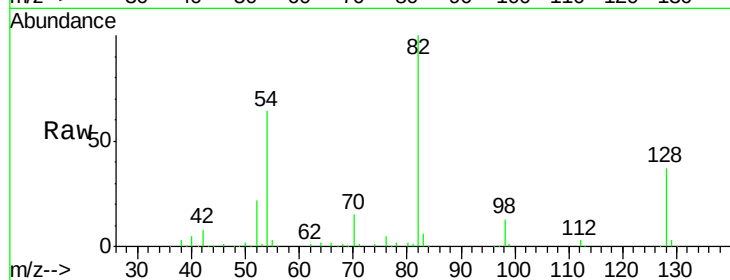
Tgt Ion: 77 Resp: 542

Ion Ratio Lower Upper

77 100

123 0.0 37.1 55.7#

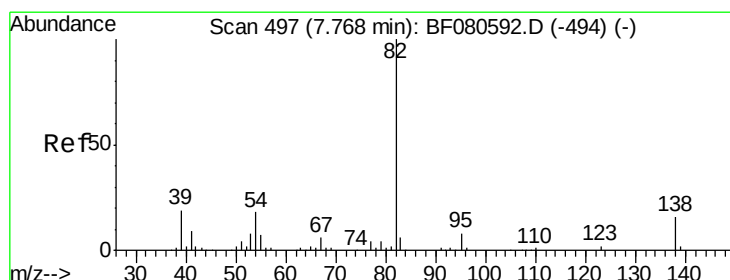
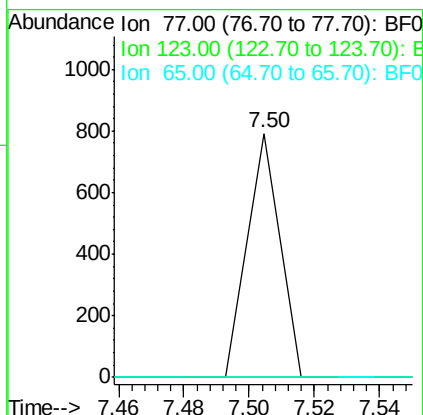
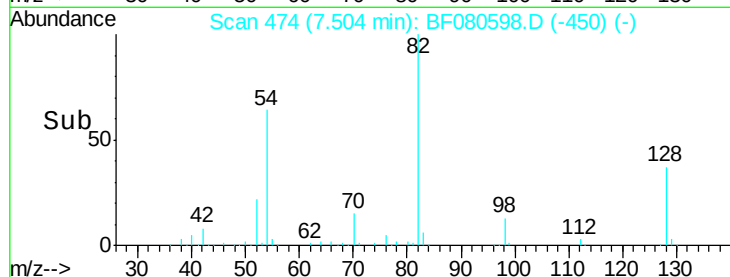
65 0.0 11.4 17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 39.70 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.26 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

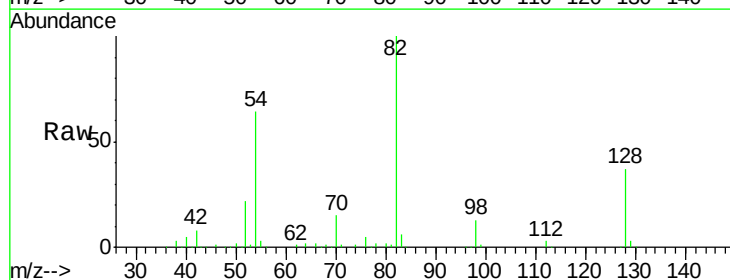
Tgt Ion: 82 Resp: 193057

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

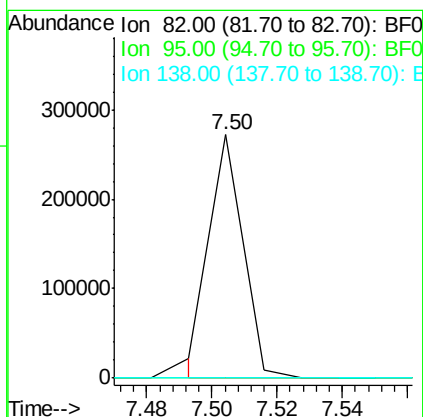
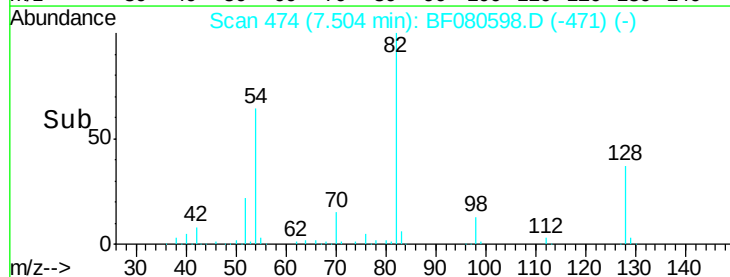
138 0.0 13.4 20.2#



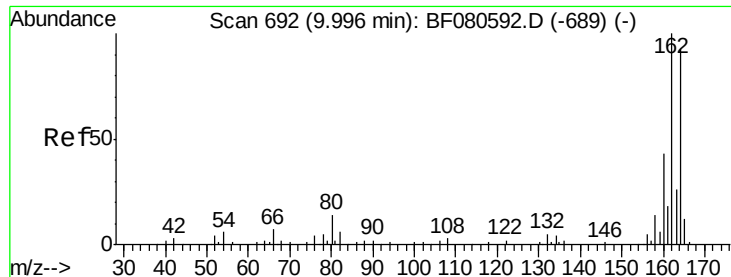
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0







#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA\_F

ClientSampleId :

PB84631BL

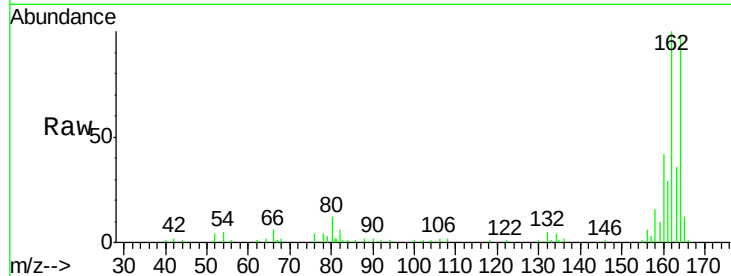
Tgt Ion:164 Resp: 64280

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.4

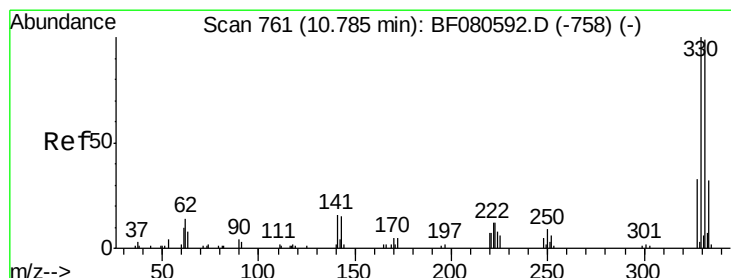
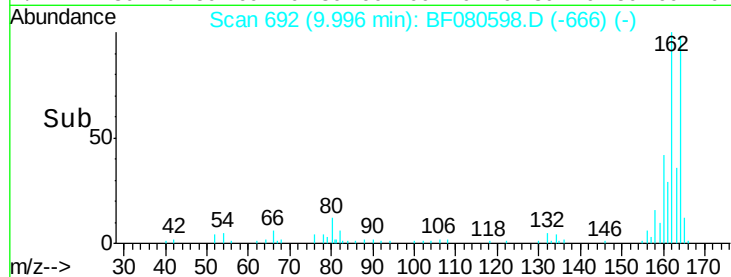
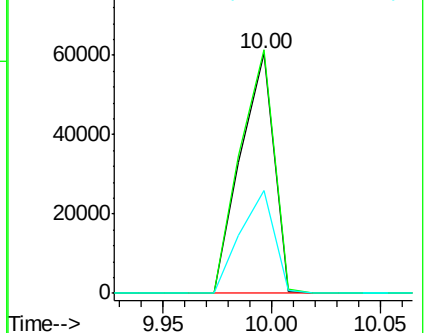
160 42.8 36.1 54.1



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: 74.90 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

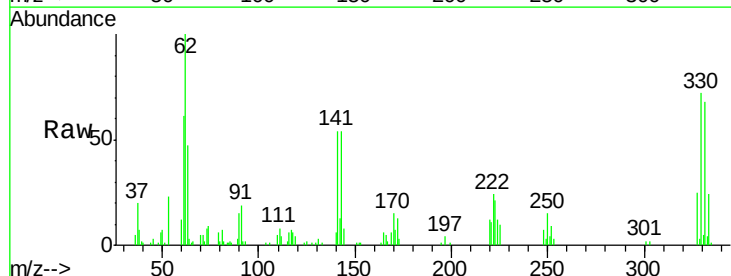
Tgt Ion:330 Resp: 38152

Ion Ratio Lower Upper

330 100

332 99.5 78.3 117.5

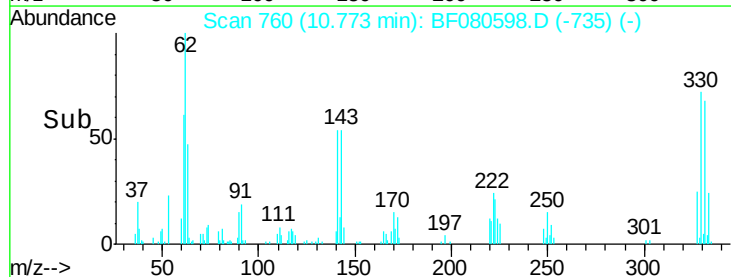
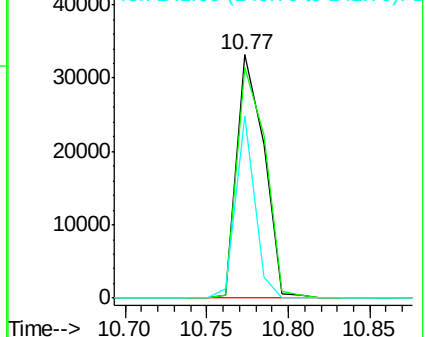
141 52.3 37.9 56.9

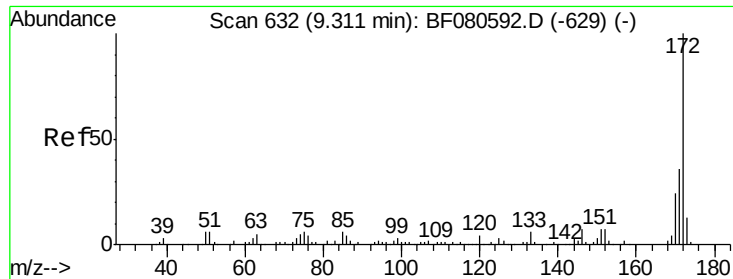


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

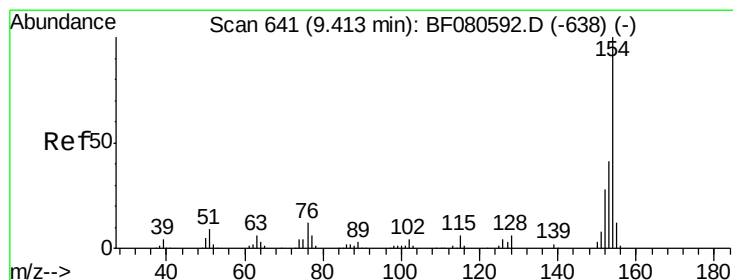
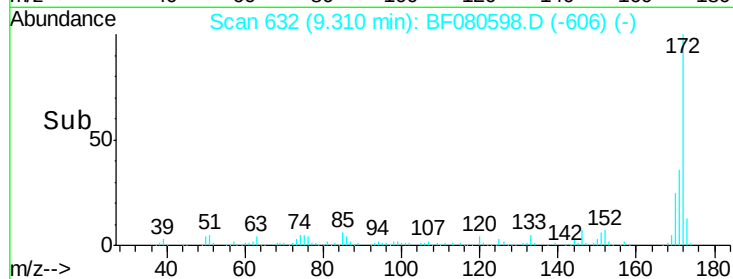
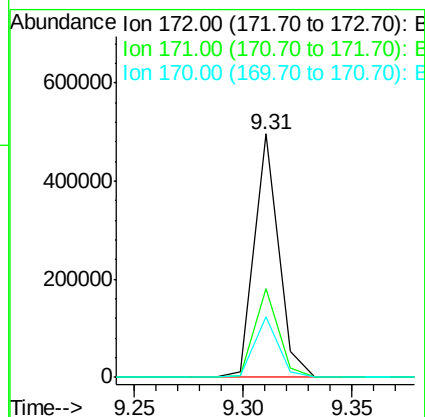
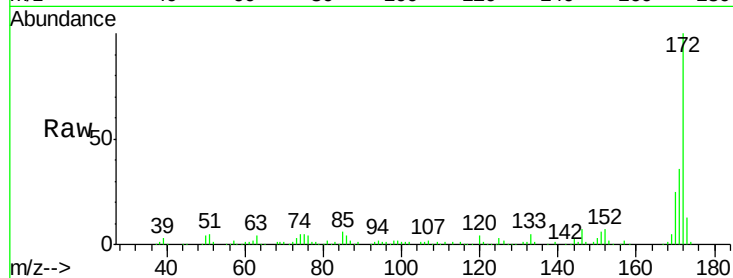




#44  
 2-Fluorobiphenyl  
 Concen: 86.82 ng  
 RT: 9.31 min Scan# 632  
 Delta R.T. -0.00 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

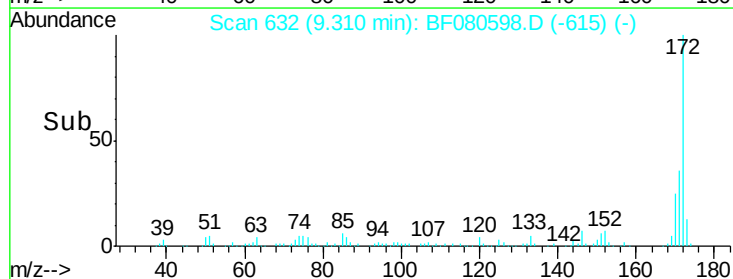
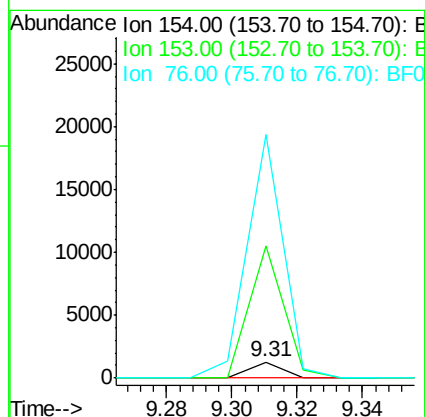
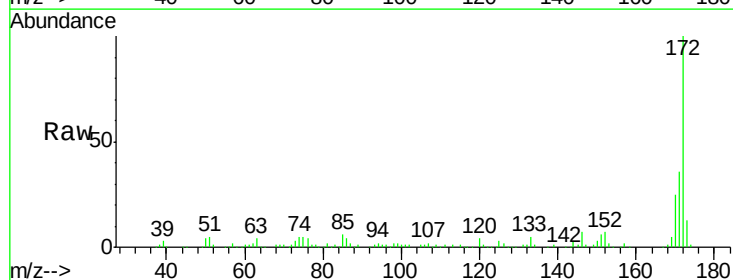
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84631BL

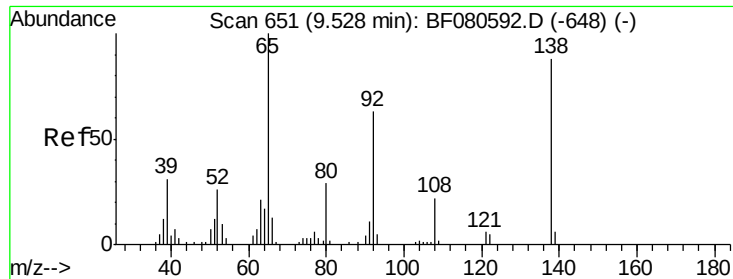
Tgt Ion:172 Resp: 384629  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 27.7 41.5  
 170 24.7 19.1 28.7



#45  
 1,1'-Biphenyl  
 Concen: 0.17 ng  
 RT: 9.31 min Scan# 632  
 Delta R.T. -0.10 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

Tgt Ion:154 Resp: 865  
 Ion Ratio Lower Upper  
 154 100  
 153 832.3 21.8 61.8#  
 76 1535.3 0.0 32.1#

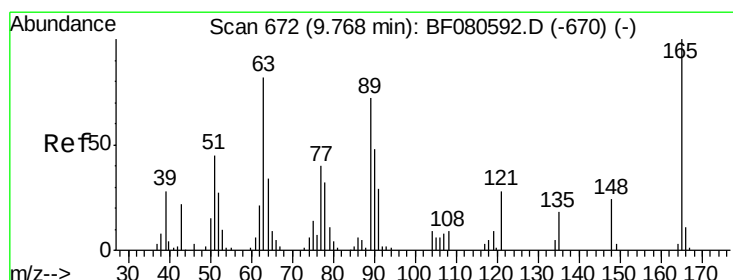
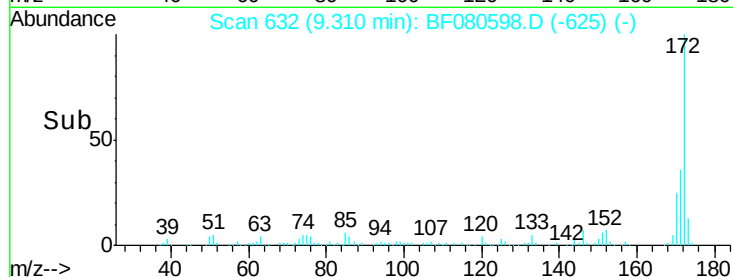
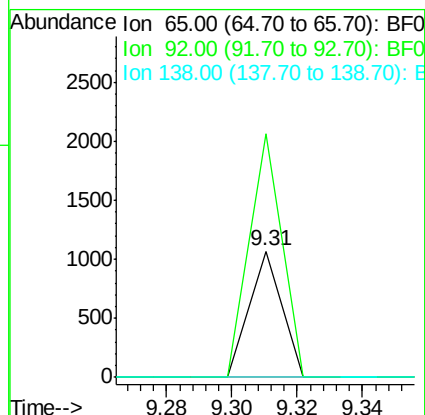
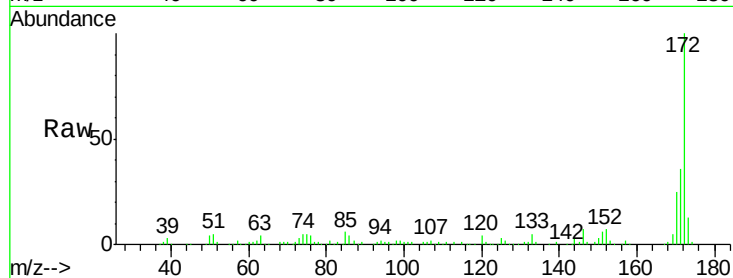




#47  
2-Nitroaniline  
Concen: 0.57 ng  
RT: 9.31 min Scan# 632  
Delta R.T. -0.22 min  
Lab File: BF080598.D  
Acq: 23 Jul 2015 18:16

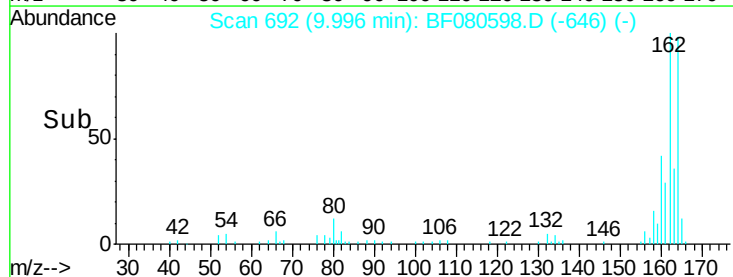
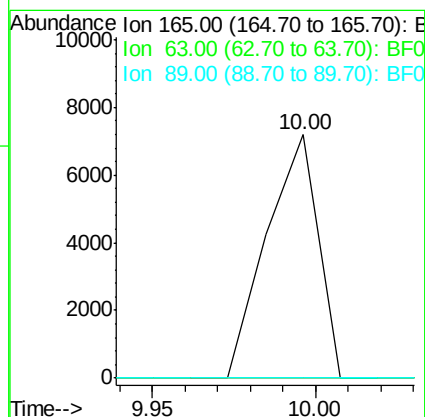
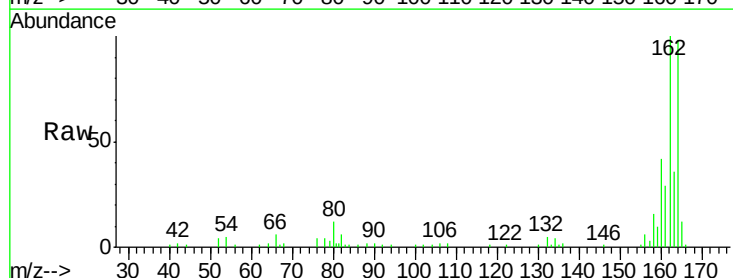
Instrument :  
BNA\_F  
ClientSampleId :  
PB84631BL

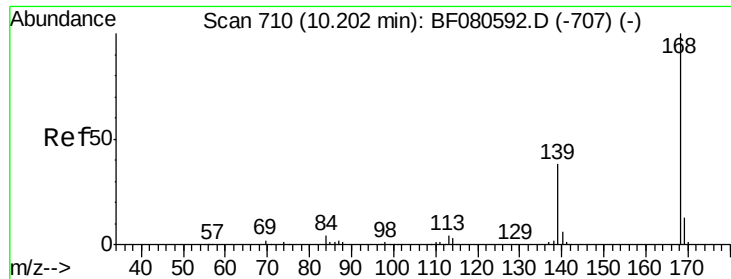
Tgt Ion: 65 Resp: 732  
Ion Ratio Lower Upper  
65 100  
92 193.2 48.7 73.1#  
138 0.0 66.8 100.2#



#50  
2,6-Dinitrotoluene  
Concen: 8.87 ng  
RT: 10.00 min Scan# 692  
Delta R.T. 0.23 min  
Lab File: BF080598.D  
Acq: 23 Jul 2015 18:16

Tgt Ion: 165 Resp: 7847  
Ion Ratio Lower Upper  
165 100  
63 0.0 59.0 88.6#  
89 0.0 56.9 85.3#





#54

Dibenzofuran

Concen: 0.05 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA\_F

ClientSampleId :

PB84631BL

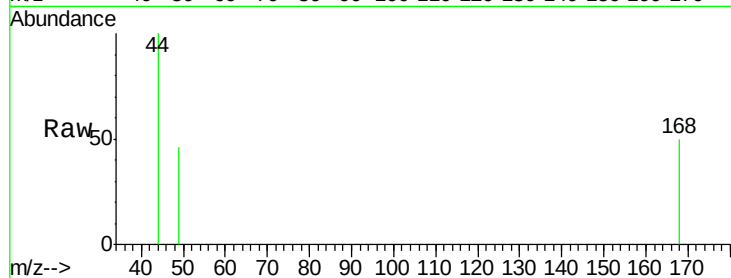
Tgt Ion:168 Resp: 251

Ion Ratio Lower Upper

168 100

139 0.0 30.7 46.1#

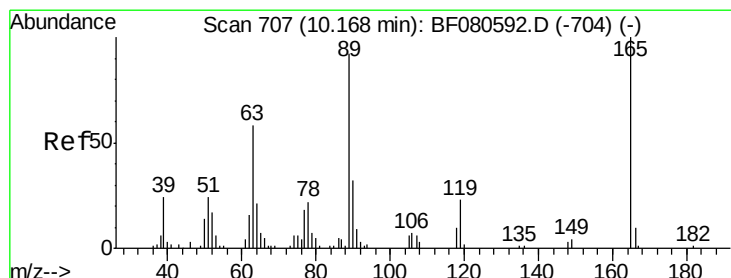
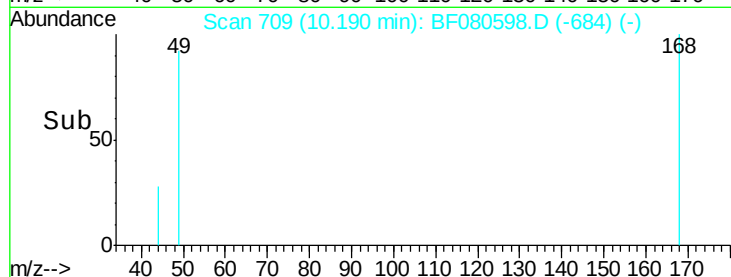
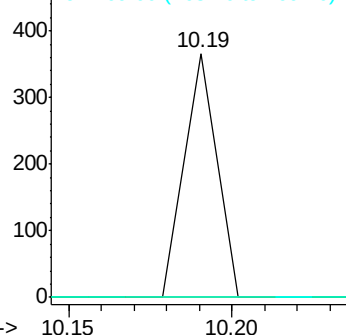
169 0.0 9.8 14.8#



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



#56

2,4-Dinitrotoluene

Concen: 7.08 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.17 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Tgt Ion:165 Resp: 7848

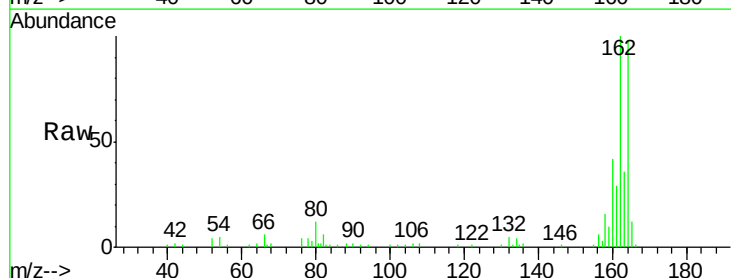
Ion Ratio Lower Upper

165 100

63 0.0 48.1 72.1#

89 0.0 77.4 116.0#

182 0.0 1.3 1.9#

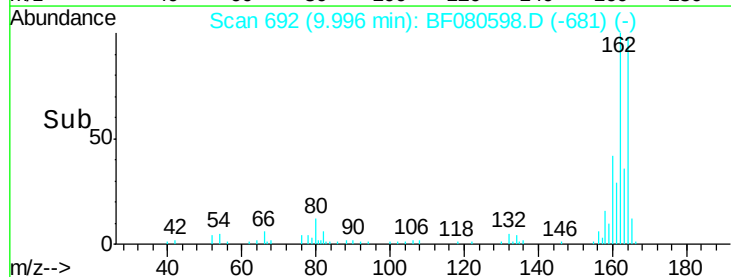
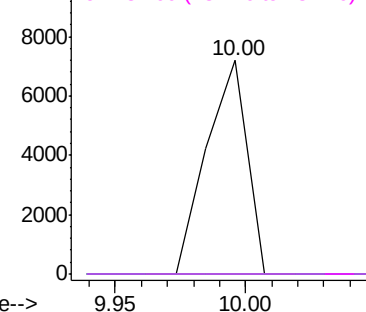


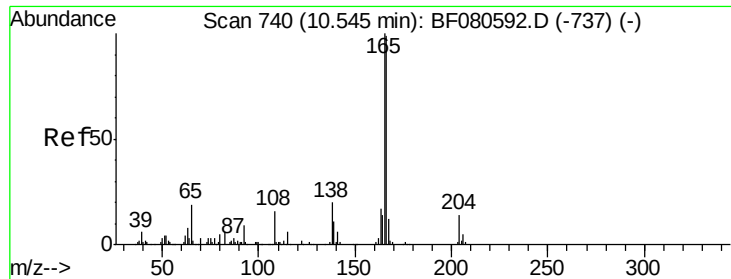
Abundance Ion 165.00 (164.70 to 165.70): E

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

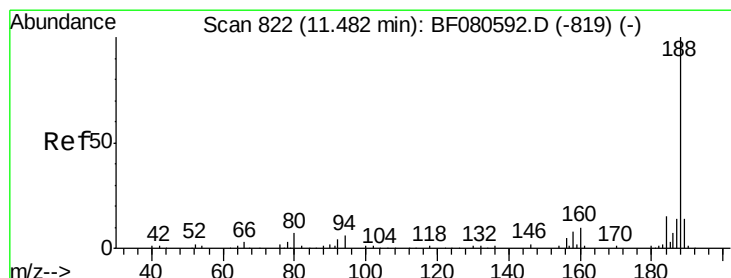
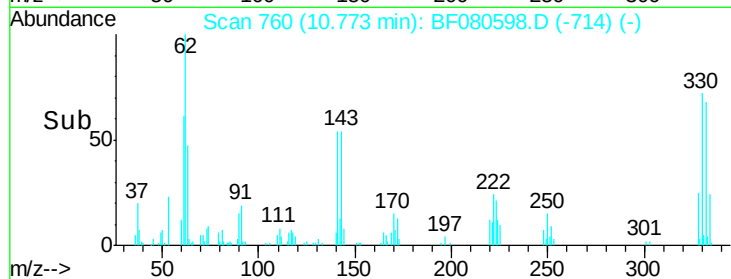
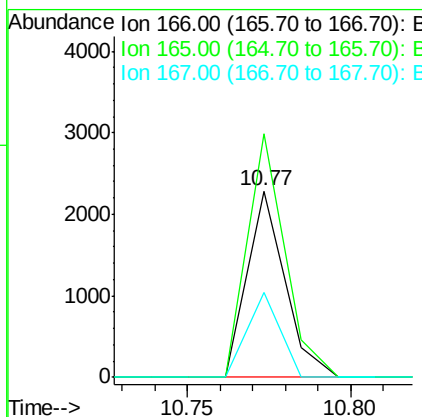
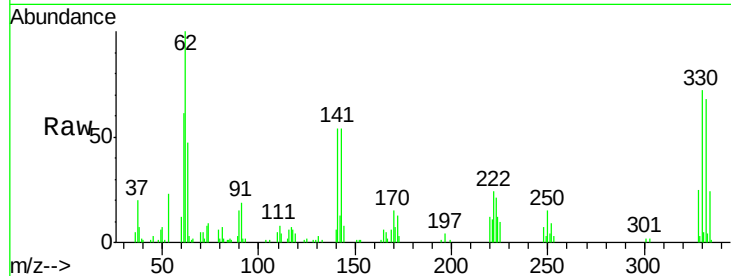




#57  
**Fluorene**  
 Concen: 0.41 ng  
 RT: 10.77 min Scan# 760  
 Delta R.T. 0.23 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

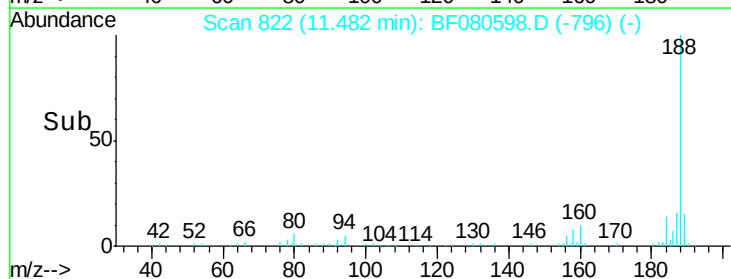
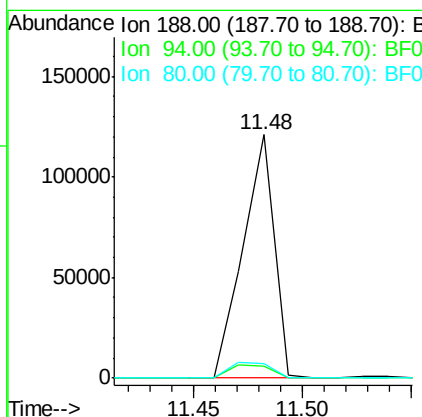
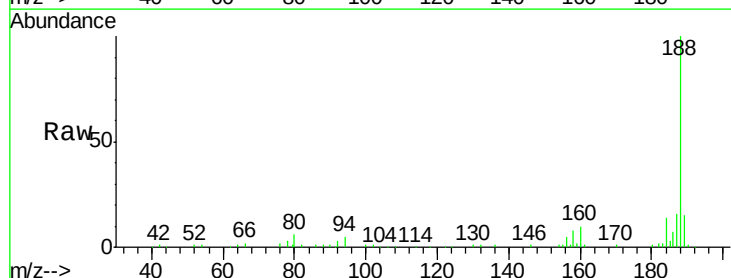
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84631BL

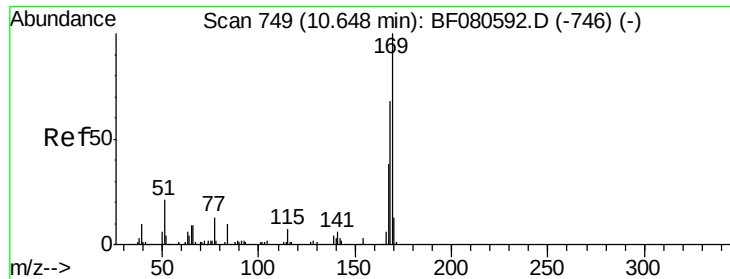
Tgt Ion:166 Resp: 1813  
 Ion Ratio Lower Upper  
 166 100  
 165 130.8 77.7 116.5#  
 167 45.8 10.5 15.7#



#63  
**Phenanthrene-d10**  
 Concen: 20.00 ng  
 RT: 11.48 min Scan# 822  
 Delta R.T. -0.00 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

Tgt Ion:188 Resp: 120674  
 Ion Ratio Lower Upper  
 188 100  
 94 4.9 6.1 9.1#  
 80 5.9 7.0 10.6#

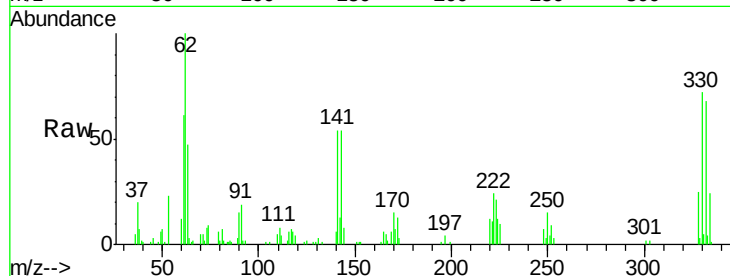




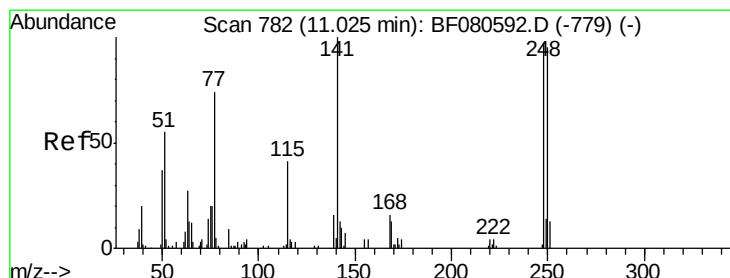
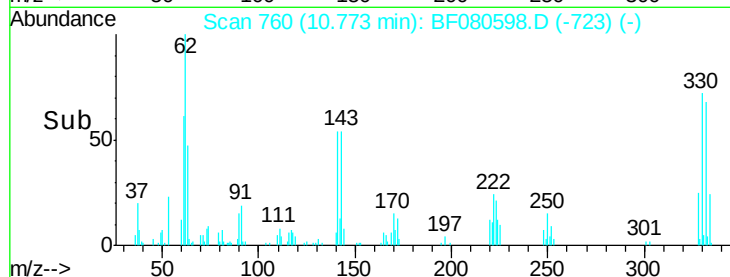
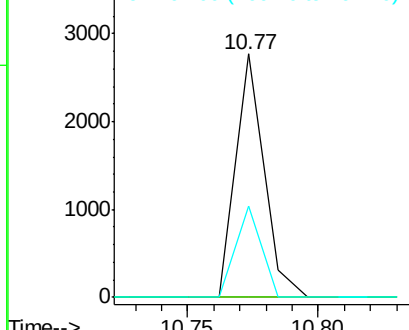
#65  
 n-Nitrosodiphenylamine  
 Concen: 0.53 ng  
 RT: 10.77 min Scan# 760  
 Delta R.T. 0.13 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84631BL

Tgt Ion:169 Resp: 2110  
 Ion Ratio Lower Upper  
 169 100  
 168 0.0 53.3 79.9#  
 167 37.7 29.8 44.6

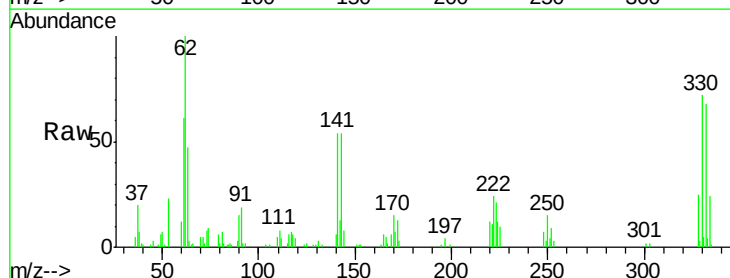


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

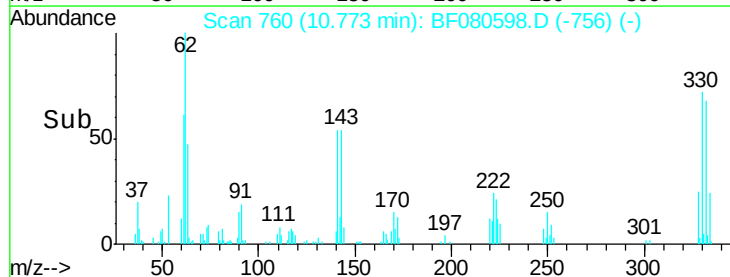
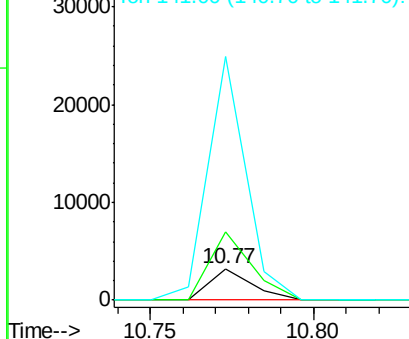


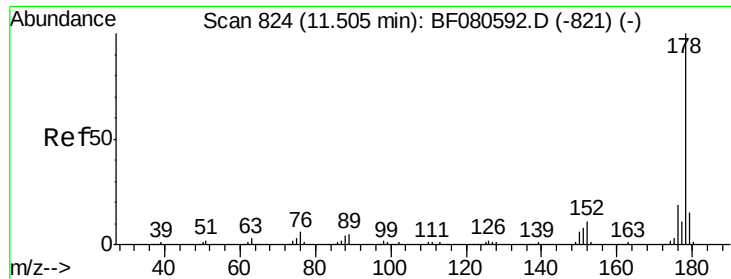
#66  
 4-Bromophenyl-phenylether  
 Concen: 2.31 ng  
 RT: 10.77 min Scan# 760  
 Delta R.T. -0.25 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

Tgt Ion:248 Resp: 2838  
 Ion Ratio Lower Upper  
 248 100  
 250 215.8 75.4 113.2#  
 141 770.8 93.4 140.0#



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

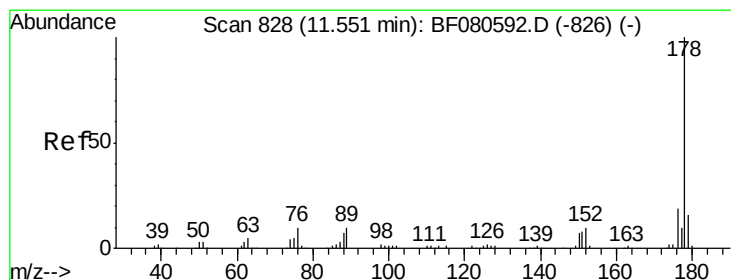
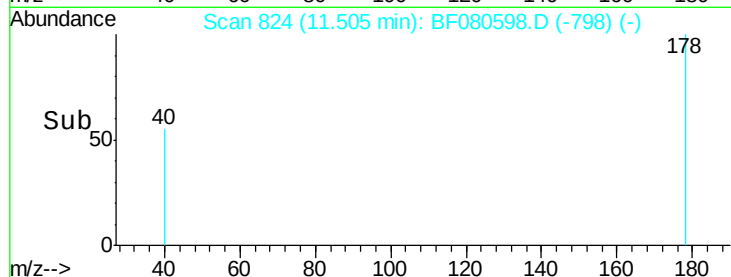
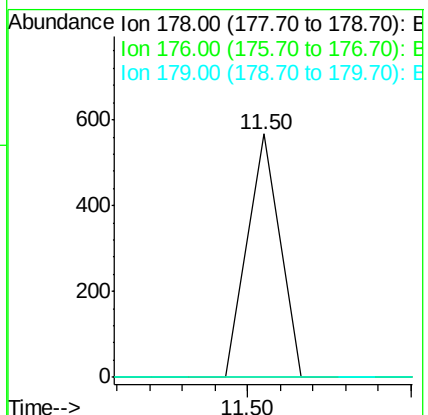
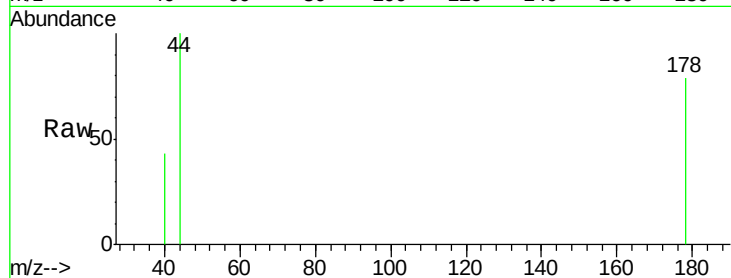




#70  
 Phenanthrene  
 Concen: 0.06 ng  
 RT: 11.50 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

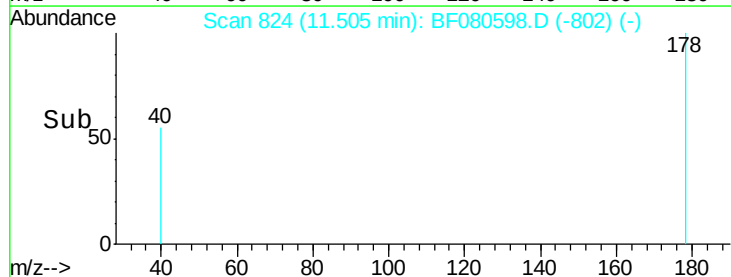
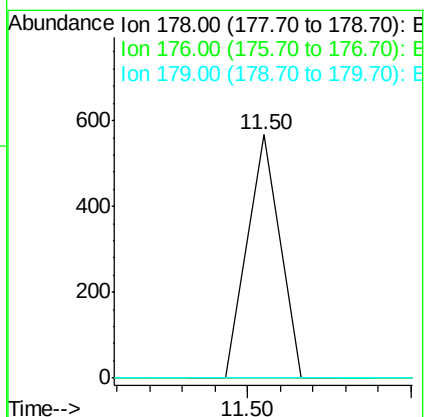
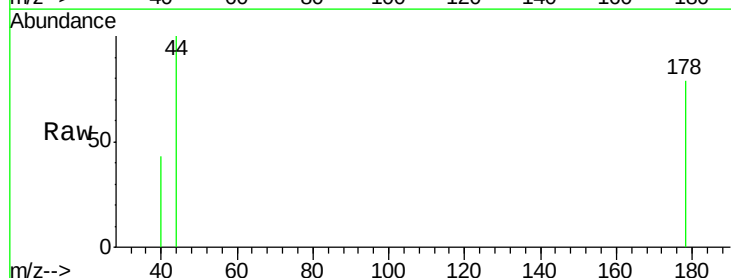
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84631BL

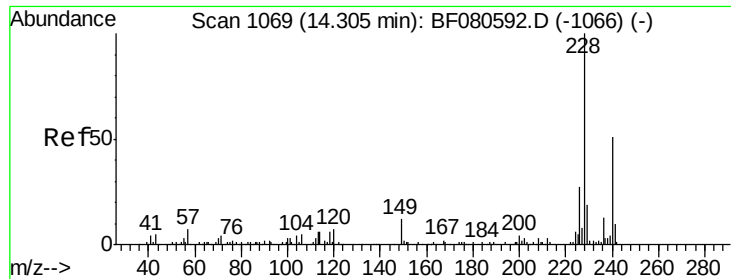
Tgt Ion:178 Resp: 389  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 15.2 22.8#  
 179 0.0 12.5 18.7#



#71  
 Anthracene  
 Concen: 0.06 ng  
 RT: 11.50 min Scan# 824  
 Delta R.T. -0.05 min  
 Lab File: BF080598.D  
 Acq: 23 Jul 2015 18:16

Tgt Ion:178 Resp: 389  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 15.1 22.7#  
 179 0.0 12.0 18.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.21 min Scan# 1061

Delta R.T. -0.09 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA\_F

ClientSampleId :

PB84631BL

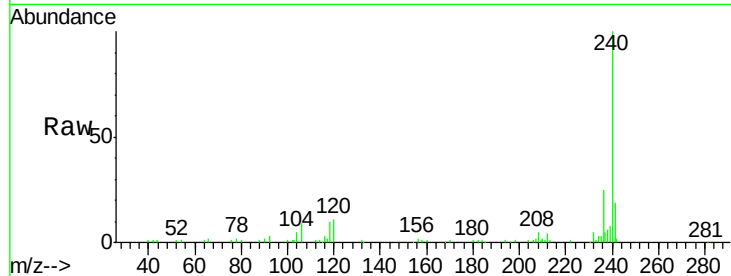
Tgt Ion:240 Resp: 98544

Ion Ratio Lower Upper

240 100

120 11.4 9.9 14.9

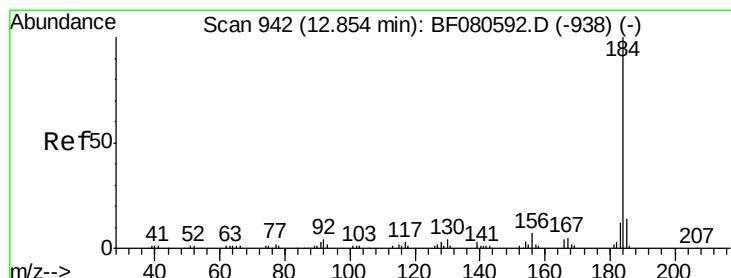
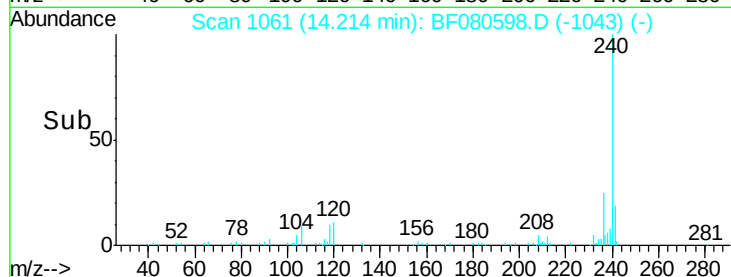
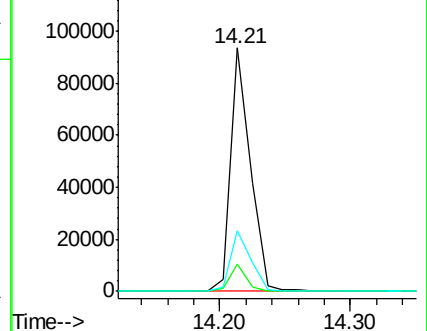
236 24.9 19.1 28.7



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: 0.15 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

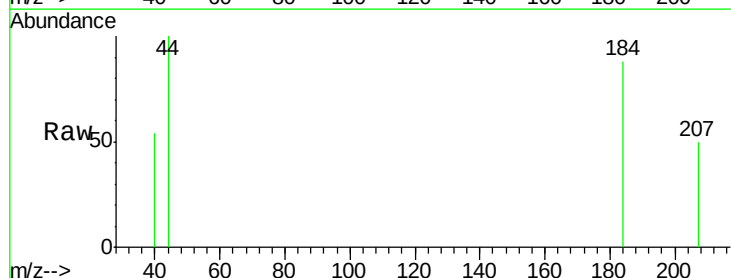
Tgt Ion:184 Resp: 438

Ion Ratio Lower Upper

184 100

185 0.0 11.2 16.8#

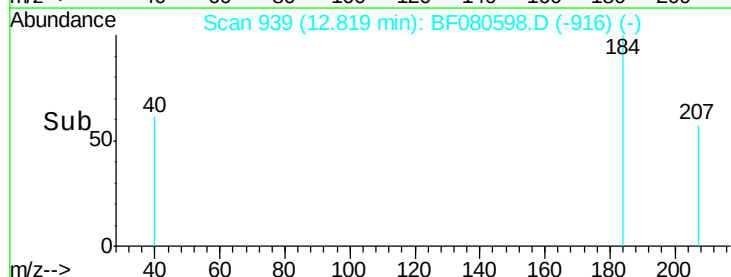
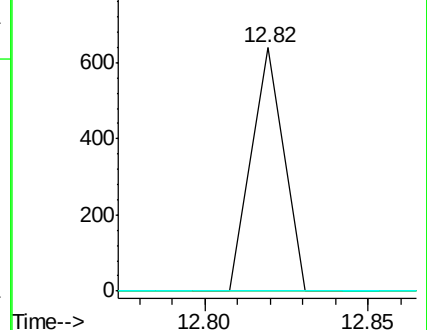
183 0.0 9.6 14.4#



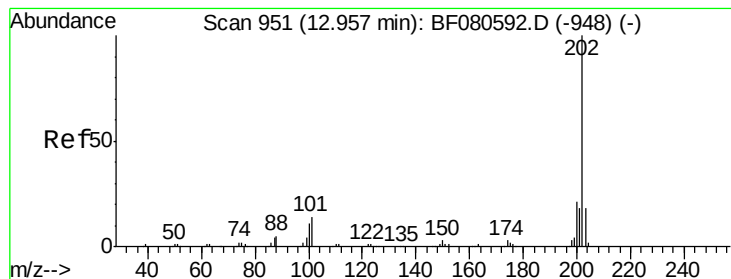
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E







#77

Pyrene

Concen: 0.19 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.13 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA\_F

ClientSampleId :

PB84631BL

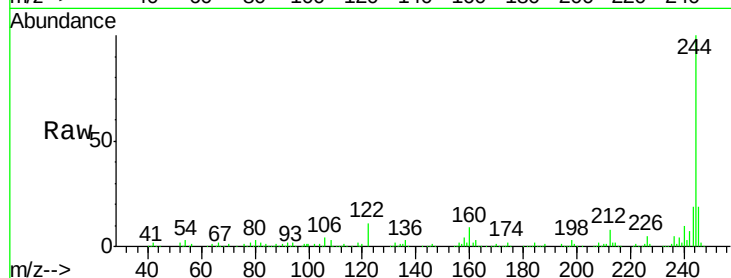
Tgt Ion:202 Resp: 1287

Ion Ratio Lower Upper

202 100

200 30.8 16.9 25.3#

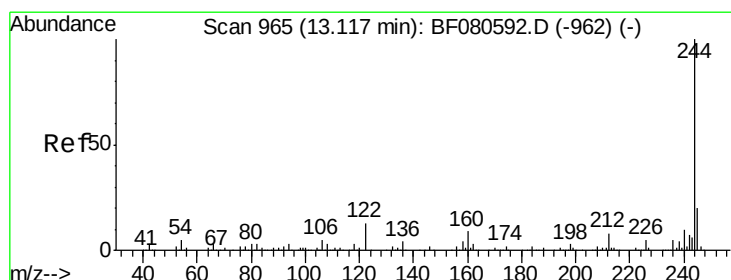
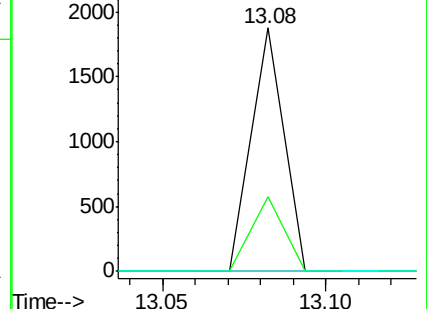
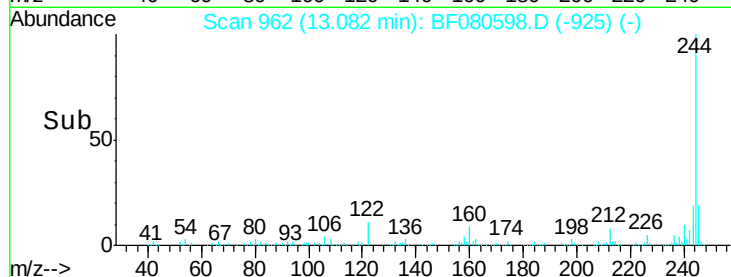
203 0.0 14.5 21.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.47 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

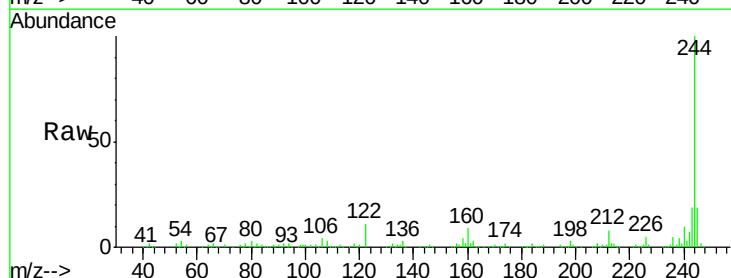
Tgt Ion:244 Resp: 355423

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

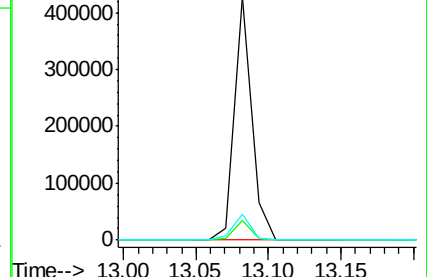
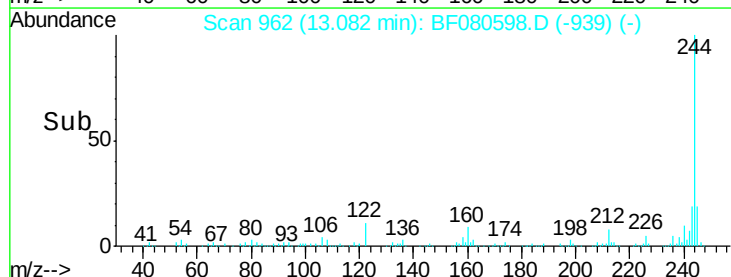
122 10.6 8.2 12.2

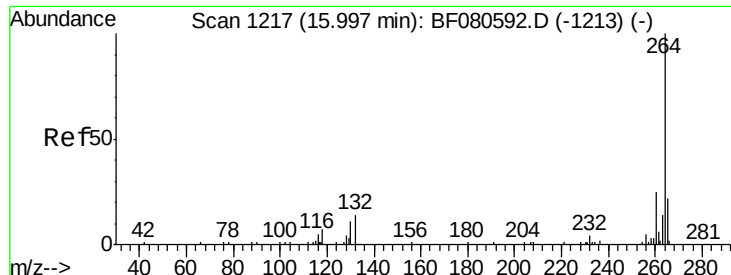


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.83 min Scan# 1202  
Delta R.T. -0.17 min  
Lab File: BF080598.D  
Acq: 23 Jul 2015 18:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB84631BL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 26.2  | 17.8  | 26.8  |
| 265     | 21.6  | 15.6  | 23.4  |

