

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061915\  
 Data File : BF080077.D  
 Acq On : 20 Jun 2015 3:06  
 Operator : TP/IZ  
 Sample : G2697-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

Quant Time: Jun 20 04:08:30 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 17 16:41:53 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.33  | 152  | 40947    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.62  | 136  | 170995   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.39 | 164  | 87820    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.90 | 188  | 198661   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.81 | 240  | 209322   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 16.68 | 264  | 202345   | 20.00 | ng    | -0.07    |

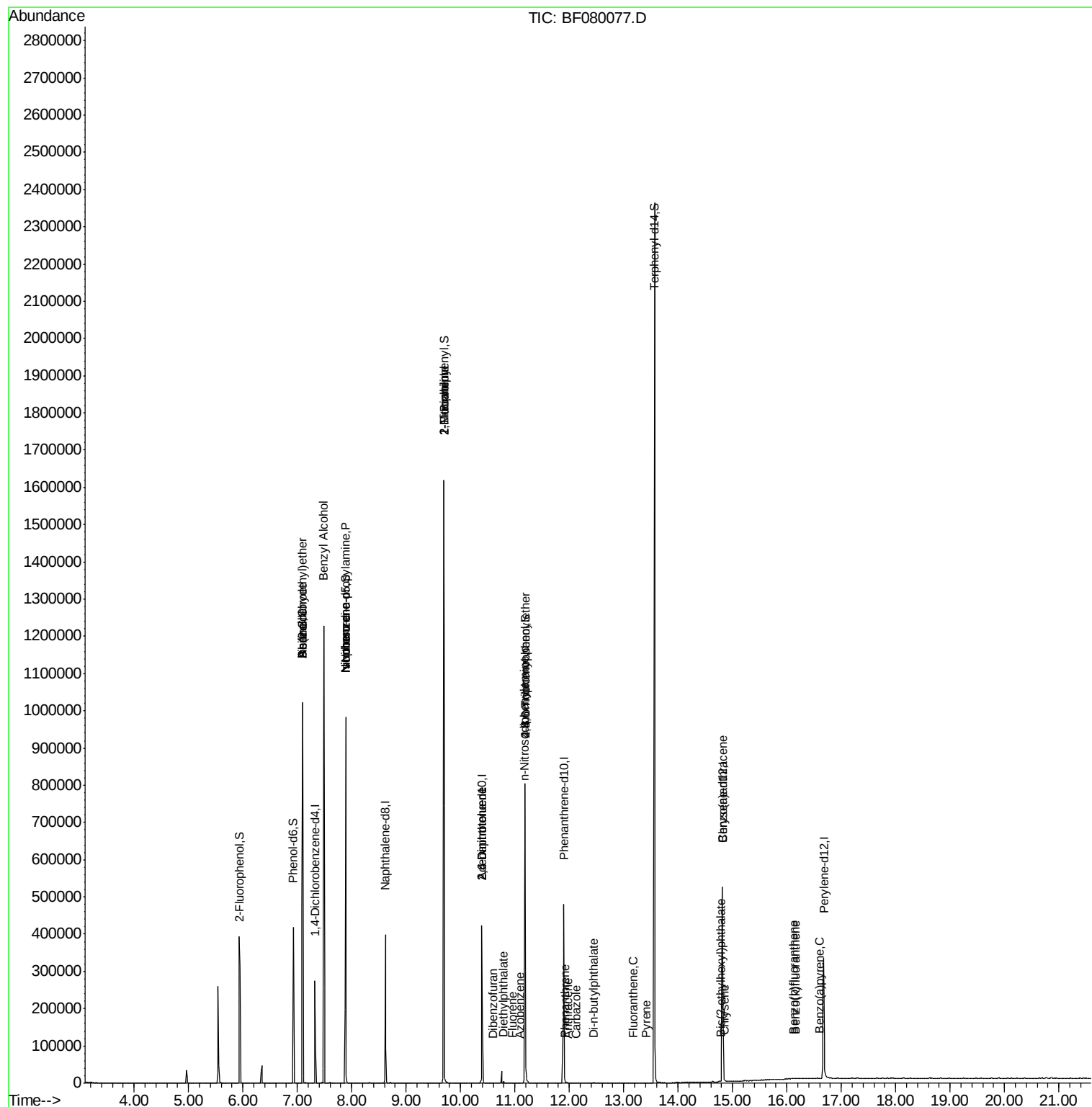
|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.94  | 112 | 145253 | 62.79  | ng | 0.00  |
| 7) Phenol-d6                | 6.93  | 99  | 123516 | 40.13  | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.89  | 82  | 287968 | 98.04  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 11.19 | 330 | 138665 | 161.47 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.69  | 172 | 571031 | 92.73  | ng | -0.01 |
| 78) Terphenyl-d14           | 13.57 | 244 | 854355 | 95.32  | ng | -0.02 |

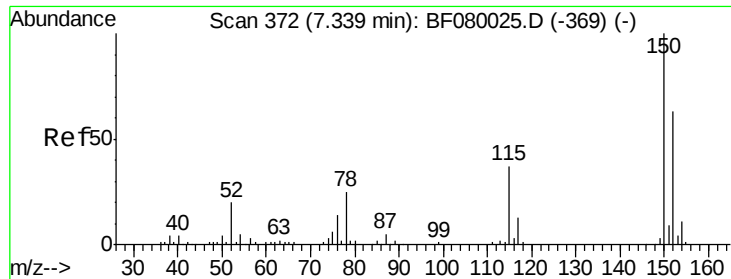
|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 6) Aniline                     | 7.10  | 93  | 250    | 0.06  | ng | # 1    |
| 9) Benzaldehyde                | 7.10  | 77  | 6344   | 3.57  | ng | # 67   |
| 10) Phenol                     | 7.10  | 94  | 505    | 0.15  | ng | # 1    |
| 11) bis(2-Chloroethyl)ether    | 7.10  | 93  | 250    | 0.09  | ng | # 1    |
| 15) Benzyl Alcohol             | 7.49  | 79  | 4861   | 1.93  | ng | # 28   |
| 19) n-Nitroso-di-n-propylamine | 7.89  | 70  | 36372  | 17.02 | ng | # 58   |
| 24) Nitrobenzene               | 7.89  | 77  | 923    | 0.30  | ng | # 14   |
| 25) Isophorone                 | 7.89  | 82  | 287957 | 48.71 | ng | # 58   |
| 45) 1,1'-Biphenyl              | 9.69  | 154 | 1007   | 0.14  | ng | # 1    |
| 47) 2-Nitroaniline             | 9.69  | 65  | 758    | 0.48  | ng | # 1    |
| 50) 2,6-Dinitrotoluene         | 10.39 | 165 | 10856  | 8.20  | ng | # 37   |
| 54) Dibenzofuran               | 10.60 | 168 | 400    | 0.05  | ng | # 51   |
| 56) 2,4-Dinitrotoluene         | 10.39 | 165 | 10858  | 6.46  | ng | # 31   |
| 57) Fluorene                   | 10.95 | 166 | 473    | 0.07  | ng | # 77   |
| 59) Diethylphthalate           | 10.79 | 149 | 2584   | 0.39  | ng | # 79   |
| 62) Azobenzene                 | 11.09 | 77  | 288    | 0.04  | ng | # 44   |
| 65) n-Nitrosodiphenylamine     | 11.18 | 169 | 4126   | 0.64  | ng | # 39   |
| 66) 4-Bromophenyl-phenylether  | 11.19 | 248 | 8929   | 4.23  | ng | # 1    |
| 70) Phenanthrene               | 11.92 | 178 | 576    | 0.05  | ng | # 62   |
| 71) Anthracene                 | 11.97 | 178 | 523    | 0.05  | ng | # 62   |
| 72) Carbazole                  | 12.12 | 167 | 547    | 0.05  | ng | # 62   |
| 73) Di-n-butylphthalate        | 12.45 | 149 | 1097   | 0.09  | ng | # 78   |
| 74) Fluoranthene               | 13.17 | 202 | 458    | 0.04  | ng | # 60   |
| 77) Pyrene                     | 13.42 | 202 | 443    | 0.03  | ng | # 59   |
| 80) Benzo(a)anthracene         | 14.81 | 228 | 781    | 0.06  | ng | # 53   |
| 82) Chrysene                   | 14.85 | 228 | 464    | 0.04  | ng | # 52   |
| 83) Bis(2-ethylhexyl)phthalate | 14.78 | 149 | 496    | 0.06  | ng | # 50   |
| 87) Benzo(b)fluoranthene       | 16.13 | 252 | 527    | 0.04  | ng | # 54   |
| 88) Benzo(k)fluoranthene       | 16.16 | 252 | 566    | 0.05  | ng | # 56   |
| 89) Benzo(a)pyrene             | 16.60 | 252 | 437    | 0.04  | ng | # 54   |

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

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SP15-JMW0961

Quant Time: Jun 20 04:08:30 2015  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 17 16:41:53 2015  
Response via : Initial Calibration



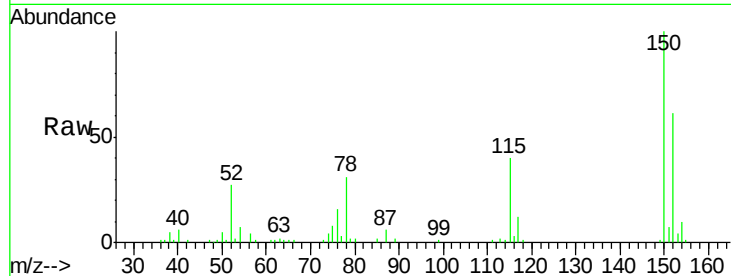


#1

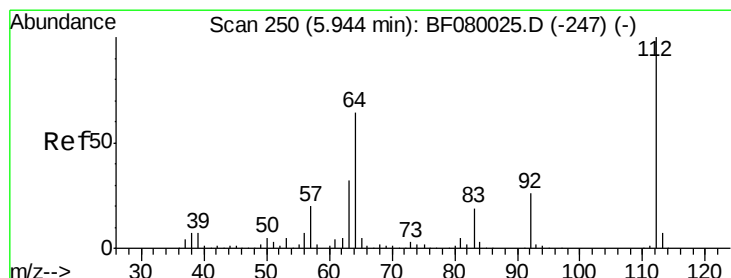
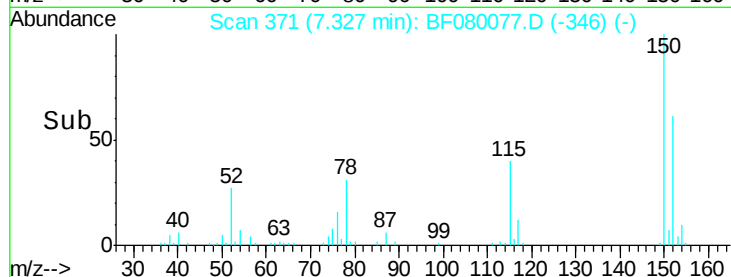
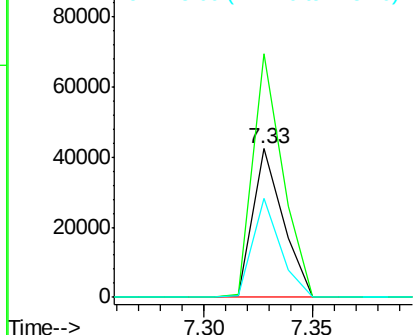
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.33 min Scan# 371  
 Delta R.T. -0.01 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

Tgt Ion:152 Resp: 40947  
 Ion Ratio Lower Upper  
 152 100  
 150 164.1 124.7 187.1  
 115 66.4 39.0 58.4#



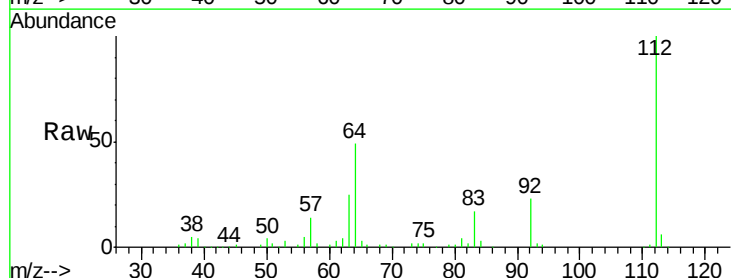
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



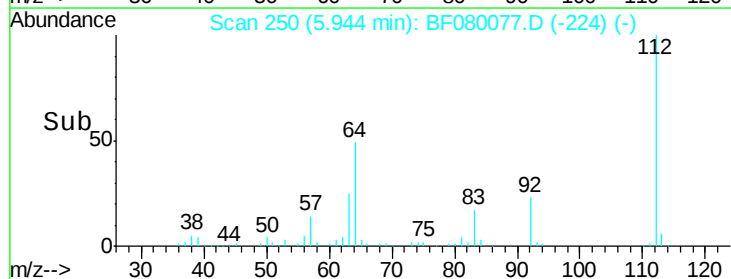
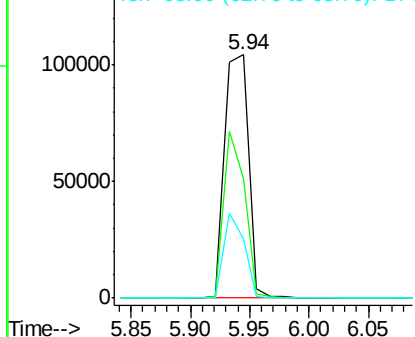
#5

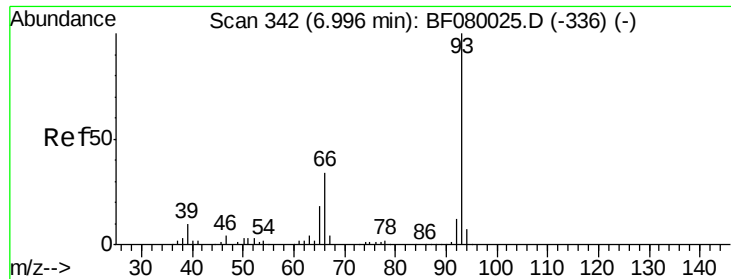
2-Fluorophenol  
 Concen: 62.79 ng  
 RT: 5.94 min Scan# 250  
 Delta R.T. 0.00 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Tgt Ion:112 Resp: 145253  
 Ion Ratio Lower Upper  
 112 100  
 64 49.1 39.7 59.5  
 63 24.5 17.4 26.0



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





#6

Aniline

Concen: 0.06 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.10 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

Instrument :

BNA\_F

ClientSampleId :

SP15-JMW0961

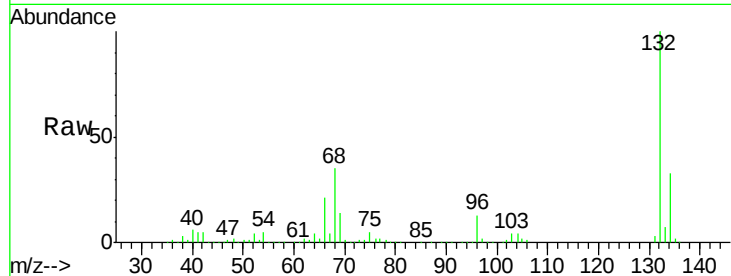
Tgt Ion: 93 Resp: 250

Ion Ratio Lower Upper

93 100

66 19501.1 27.2 40.8#

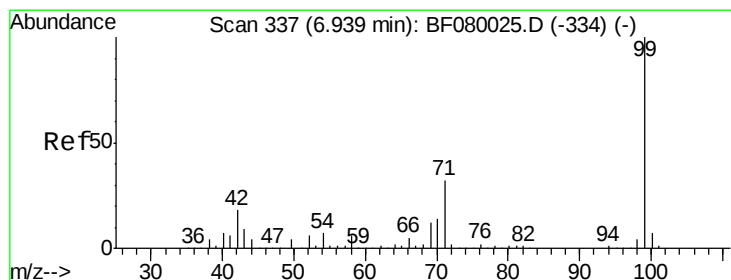
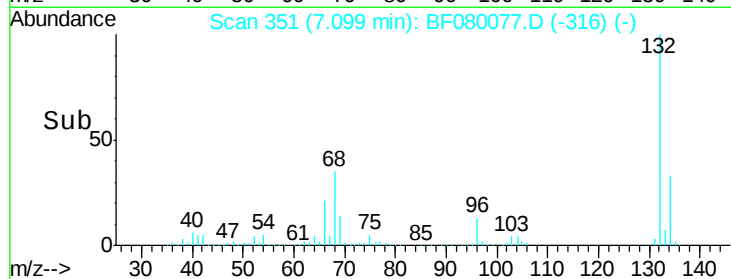
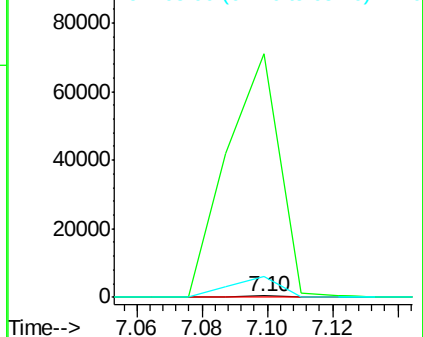
65 1679.4 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 40.13 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

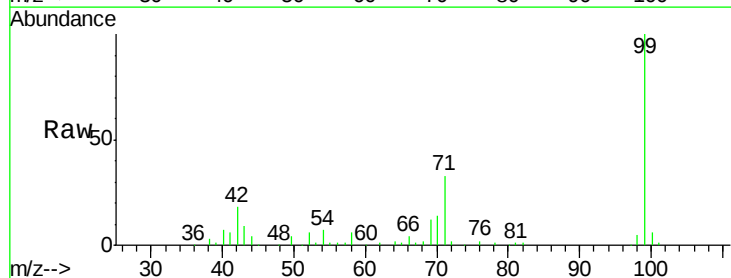
Tgt Ion: 99 Resp: 123516

Ion Ratio Lower Upper

99 100

42 18.0 13.7 20.5

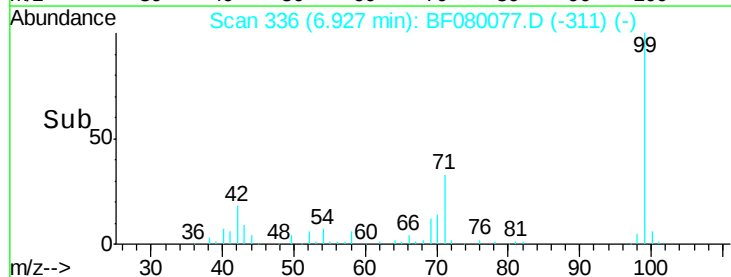
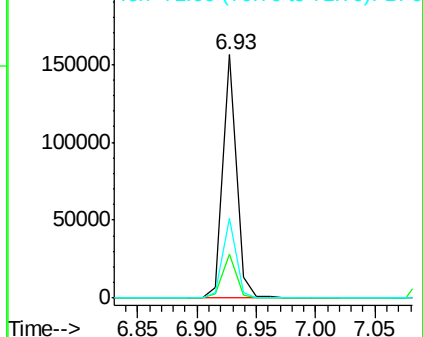
71 32.8 14.2 21.2#

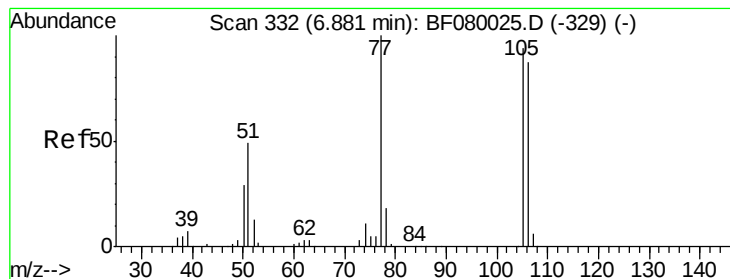


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.57 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.22 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

Instrument :

BNA\_F

ClientSampleId :

SP15-JMW0961

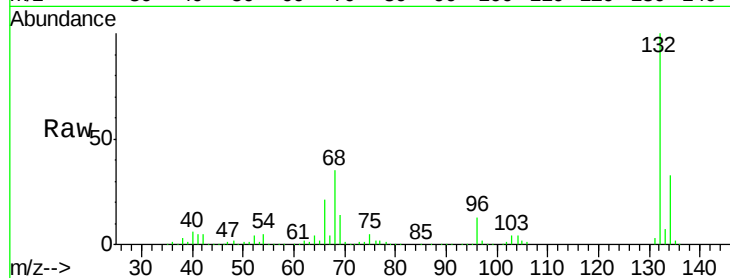
Tgt Ion: 77 Resp: 6344

Ion Ratio Lower Upper

77 100

105 89.1 91.6 131.6#

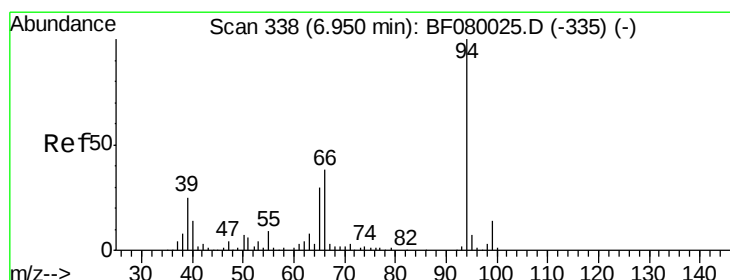
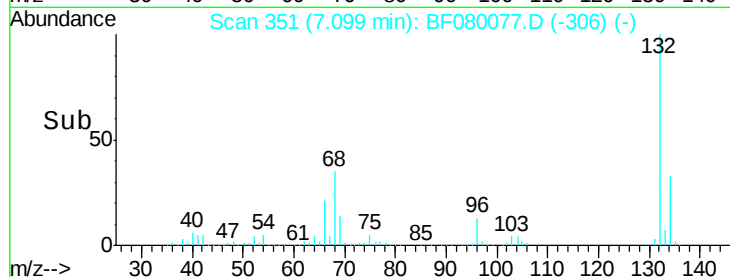
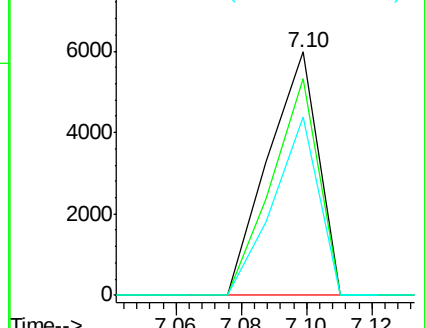
106 73.1 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.15 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.14 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

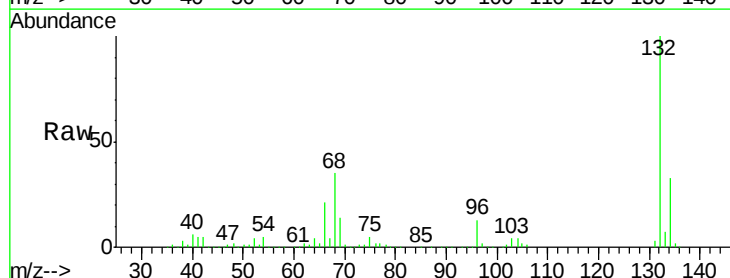
Tgt Ion: 94 Resp: 505

Ion Ratio Lower Upper

94 100

65 830.6 0.7 40.7#

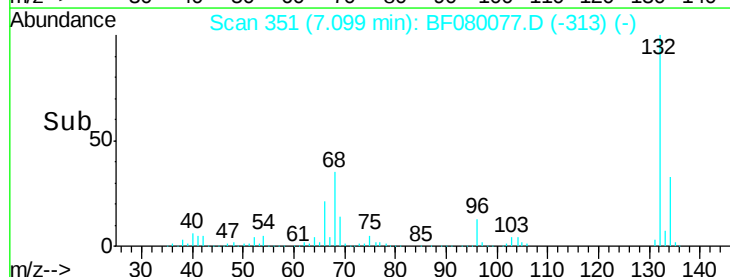
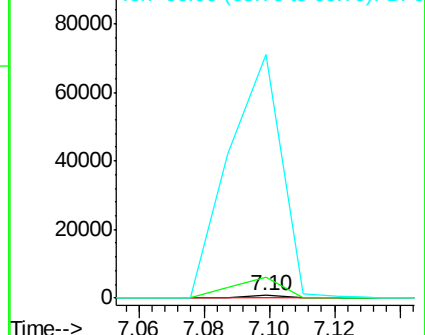
66 9644.6 0.8 40.8#

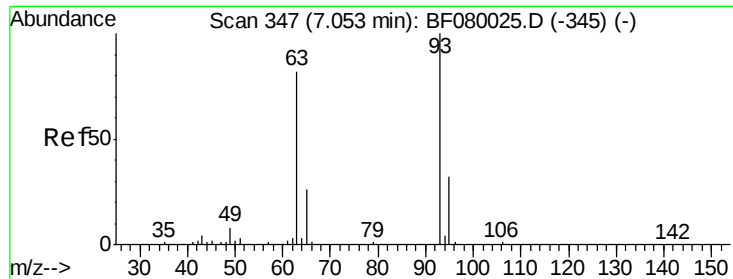


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

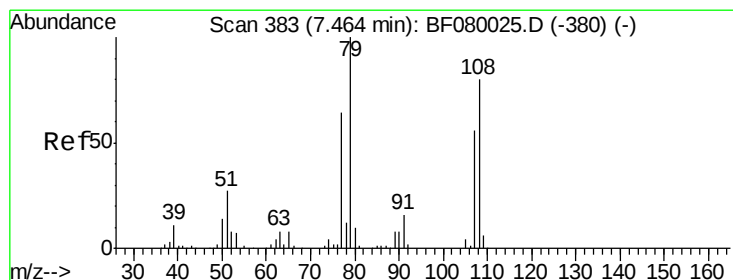
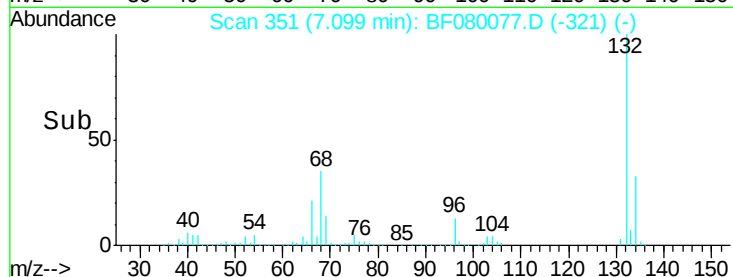
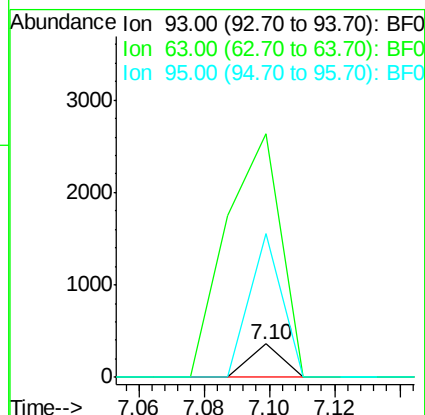
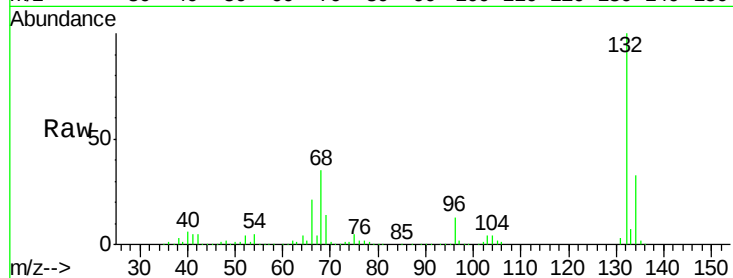




#11  
bis(2-Chloroethyl)ether  
Concen: 0.09 ng  
RT: 7.10 min Scan# 351  
Delta R.T. 0.05 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

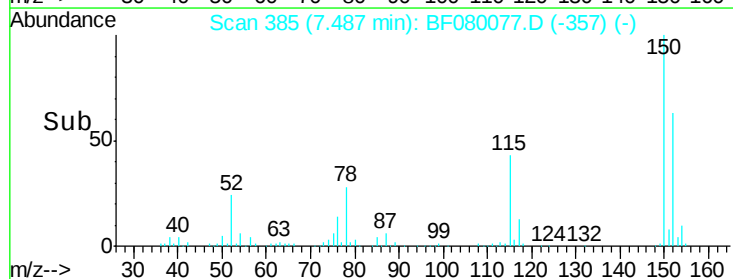
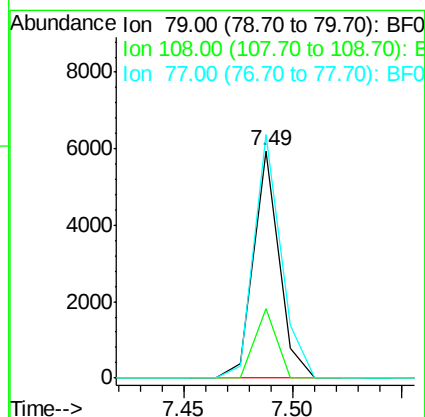
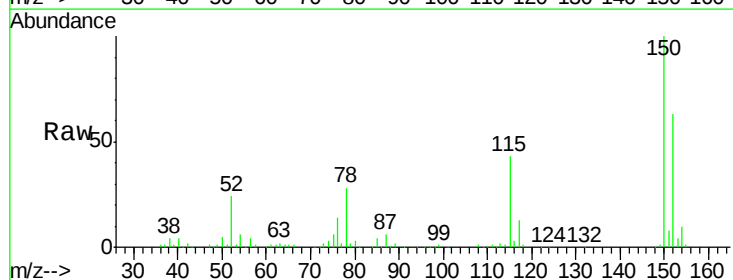
Instrument :  
BNA\_F  
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SP15-JMW0961

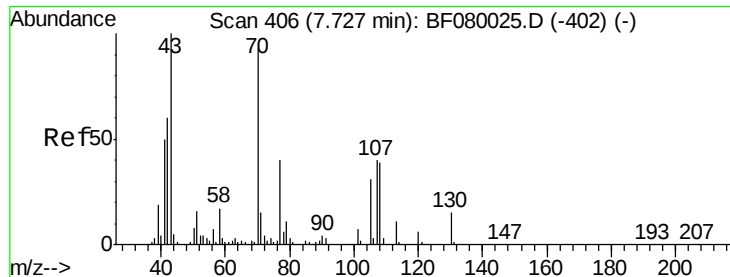
Tgt Ion: 93 Resp: 250  
Ion Ratio Lower Upper  
93 100  
63 723.6 65.6 105.6#  
95 426.4 13.6 53.6#



#15  
Benzyl Alcohol  
Concen: 1.93 ng  
RT: 7.49 min Scan# 385  
Delta R.T. 0.02 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

Tgt Ion: 79 Resp: 4861  
Ion Ratio Lower Upper  
79 100  
108 30.9 88.6 132.8#  
77 107.1 47.0 70.4#

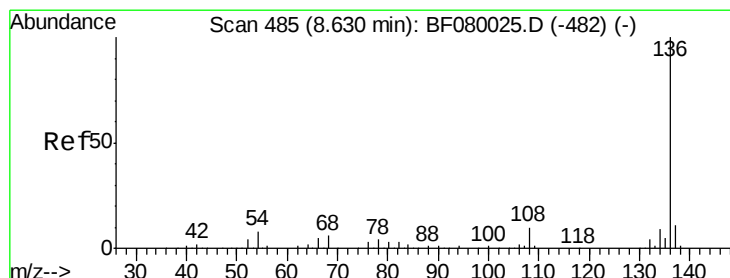
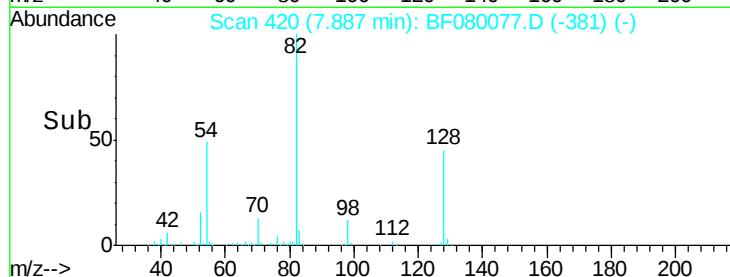
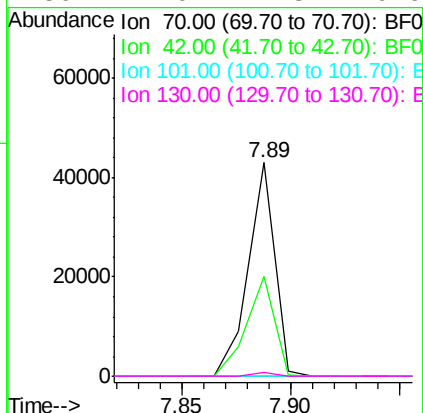
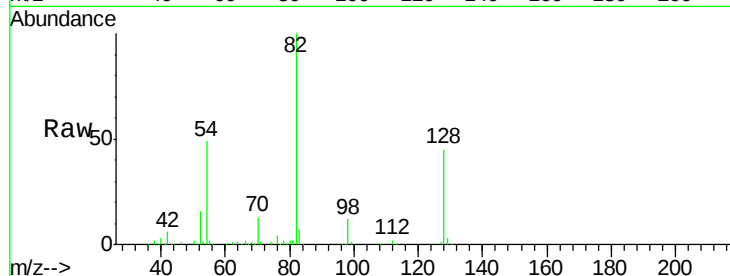




#19  
n-Nitroso-di-n-propylamine  
Concen: 17.02 ng  
RT: 7.89 min Scan# 420  
Delta R.T. 0.15 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

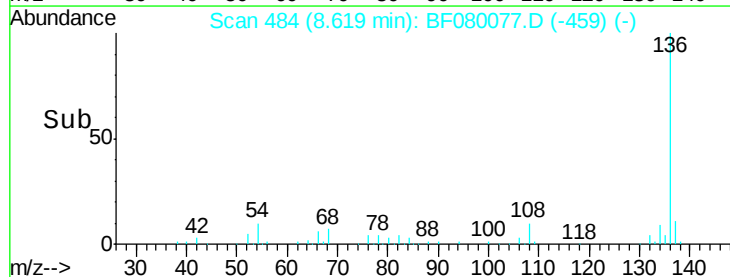
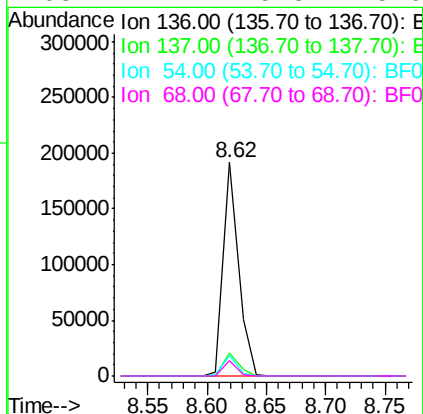
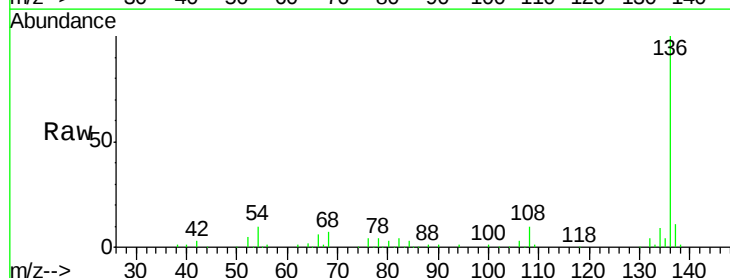
Instrument :  
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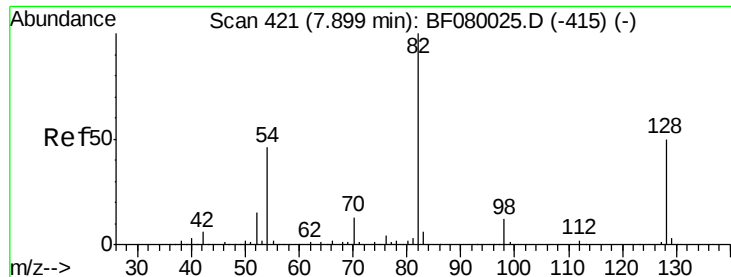
Tgt Ion: 70 Resp: 36372  
Ion Ratio Lower Upper  
70 100  
42 46.5 63.8 95.6#  
101 0.0 9.2 13.8#  
130 2.0 27.3 40.9#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.62 min Scan# 484  
Delta R.T. -0.01 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

Tgt Ion: 136 Resp: 170995  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.6  
54 9.6 8.2 12.2  
68 7.2 5.8 8.6

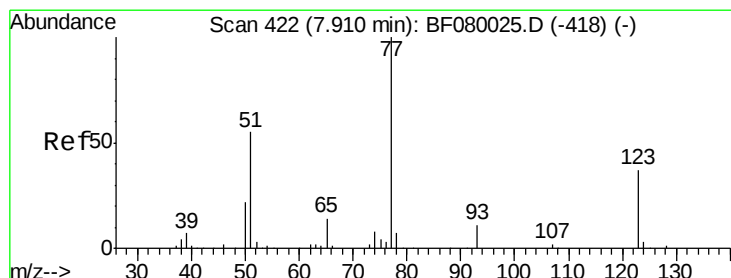
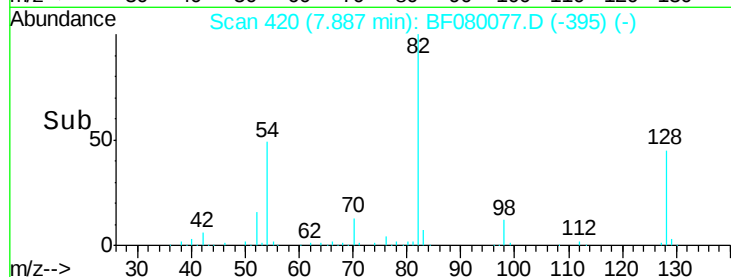
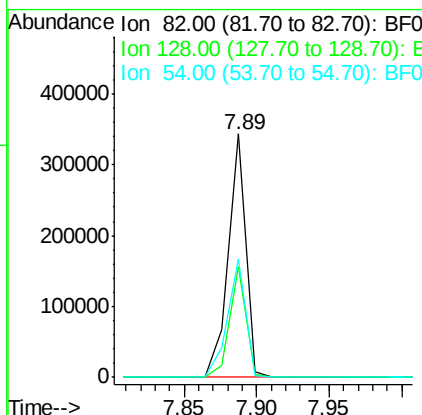
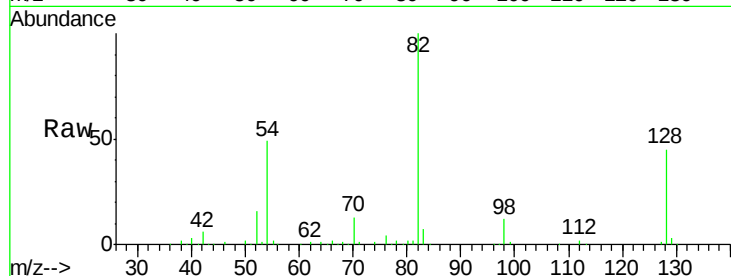




#23  
 Nitrobenzene-d5  
 Concen: 98.04 ng  
 RT: 7.89 min Scan# 420  
 Delta R.T. -0.01 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

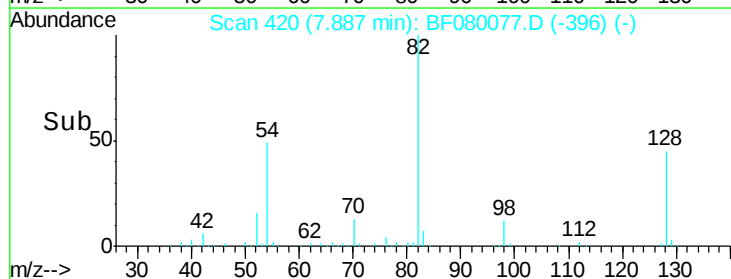
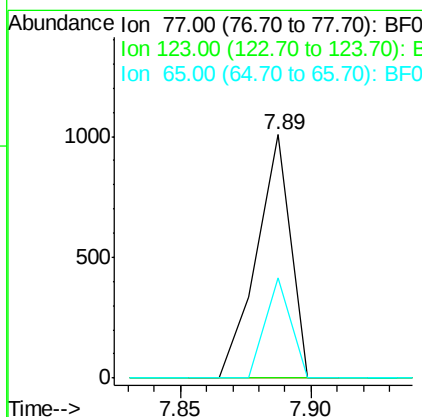
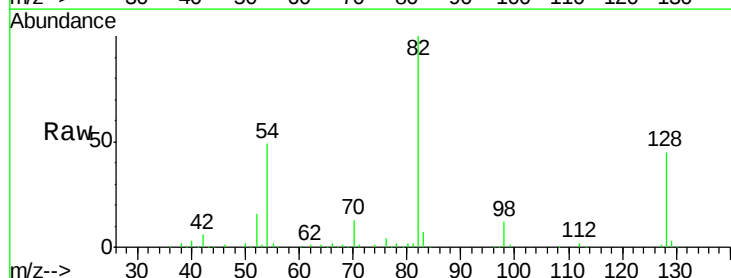
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

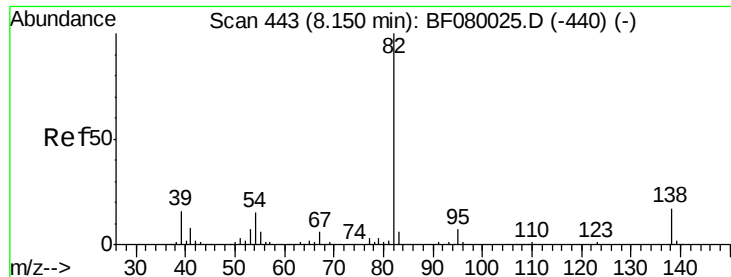
Tgt Ion: 82 Resp: 287968  
 Ion Ratio Lower Upper  
 82 100  
 128 45.4 51.0 76.6#  
 54 48.5 47.5 71.3



#24  
 Nitrobenzene  
 Concen: 0.30 ng  
 RT: 7.89 min Scan# 420  
 Delta R.T. -0.02 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Tgt Ion: 77 Resp: 923  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 59.8 89.8#  
 65 41.3 10.2 15.4#





#25

Isophorone

Concen: 48.71 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

Instrument :

BNA\_F

ClientSampleId :

SP15-JMW0961

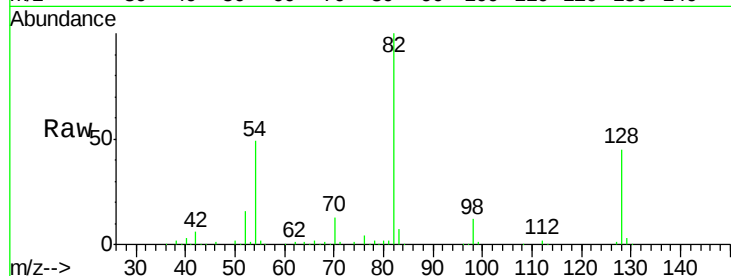
Tgt Ion: 82 Resp: 287957

Ion Ratio Lower Upper

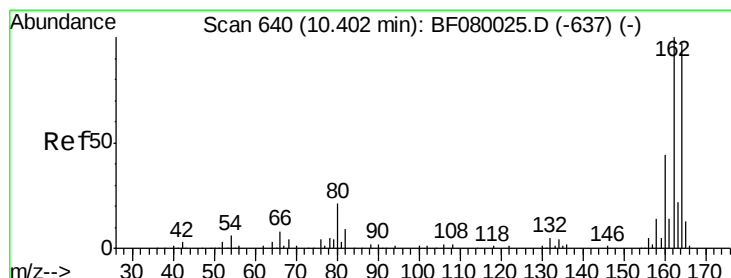
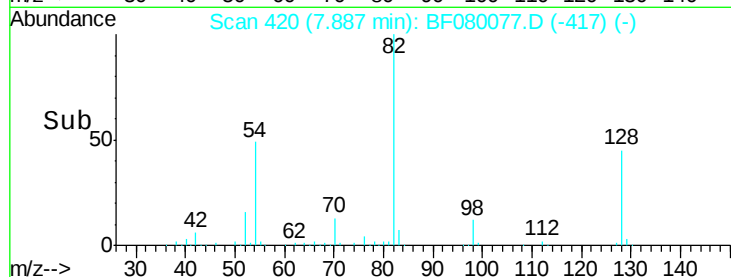
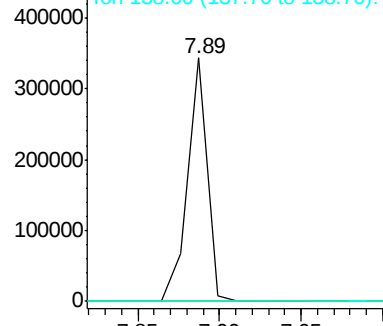
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

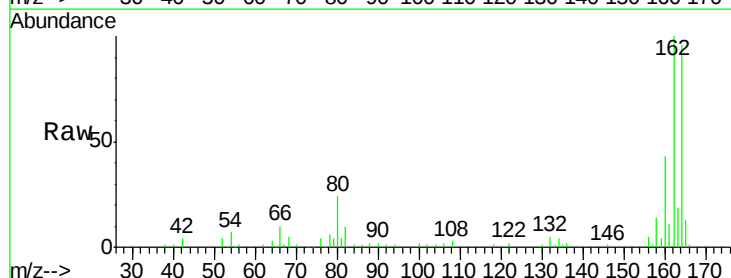
Tgt Ion: 164 Resp: 87820

Ion Ratio Lower Upper

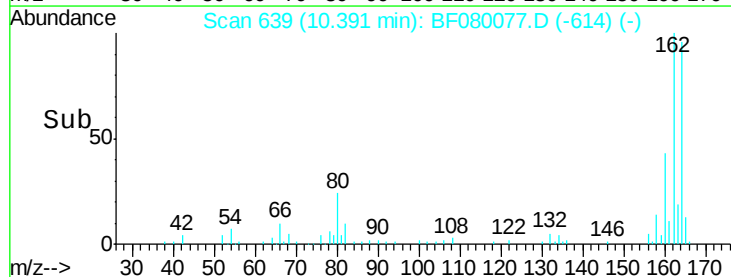
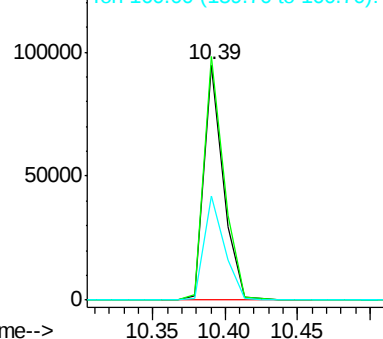
164 100

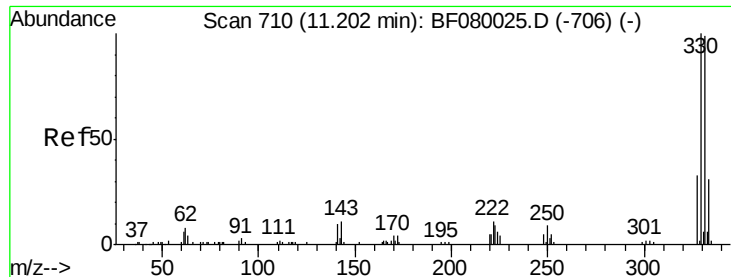
162 103.7 75.2 112.8

160 44.6 31.5 47.3



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

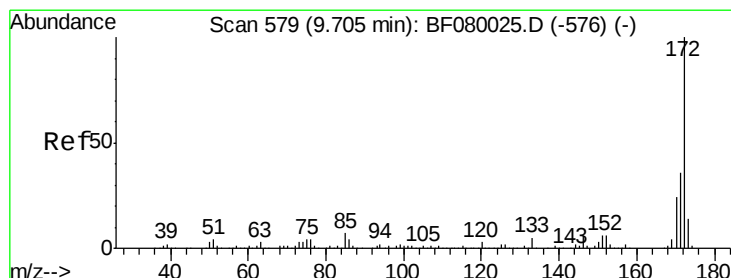
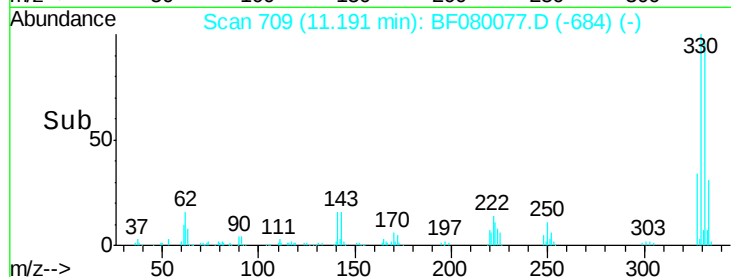
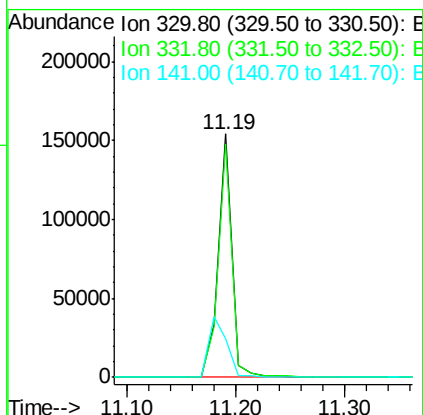
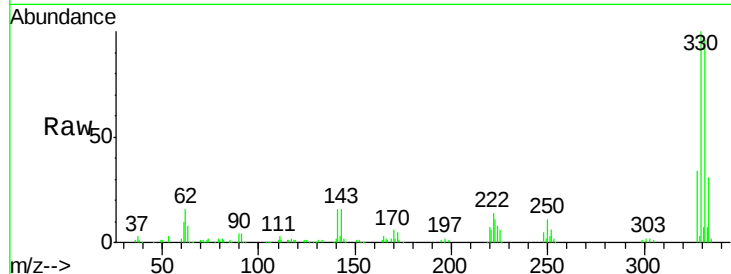




#41  
 2,4,6-Tribromophenol  
 Concen: 161.47 ng  
 RT: 11.19 min Scan# 709  
 Delta R.T. -0.01 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

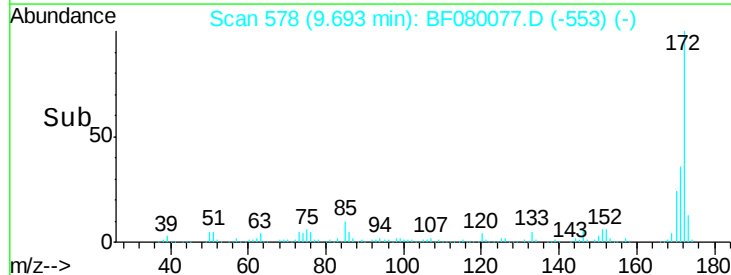
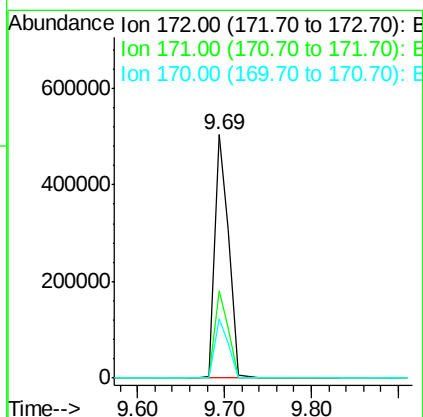
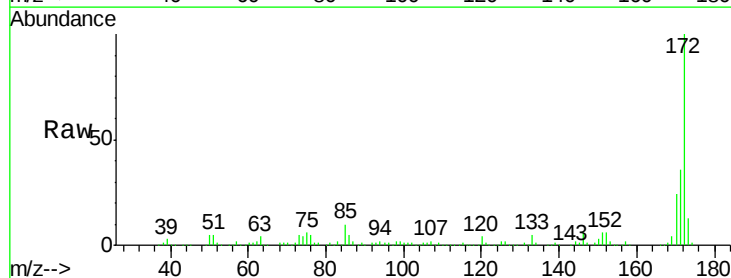
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

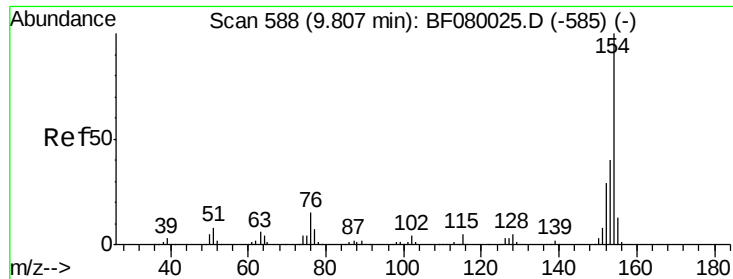
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 76.6  | 114.8 |
| 141     | 32.7  | 29.7  | 44.5  |



#44  
 2-Fluorobiphenyl  
 Concen: 92.73 ng  
 RT: 9.69 min Scan# 578  
 Delta R.T. -0.01 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 26.1  | 39.1  |
| 170     | 24.5  | 17.4  | 26.2  |

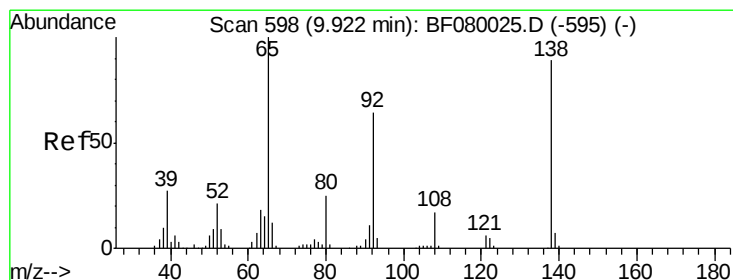
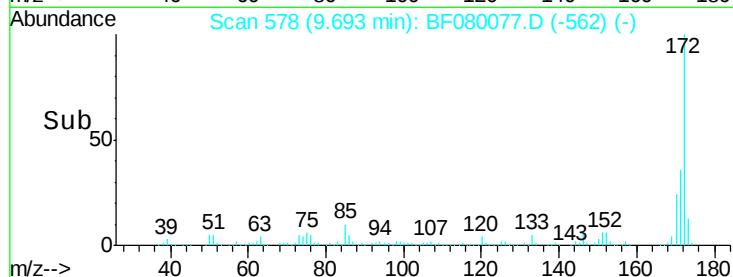
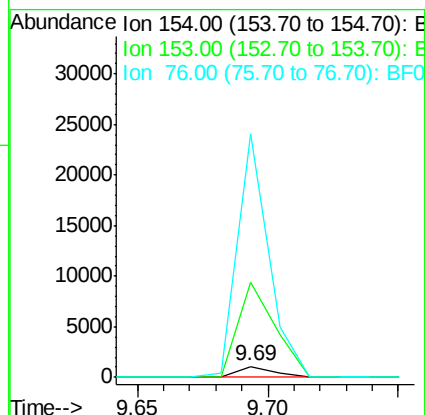
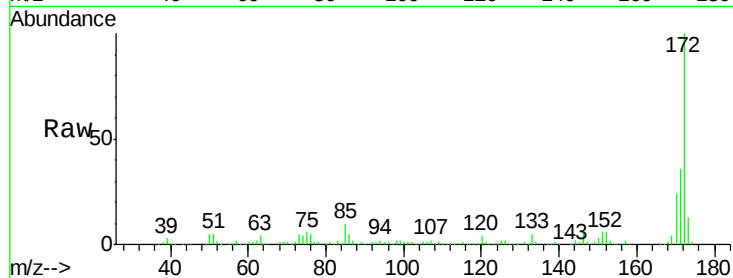




#45  
 1,1'-Biphenyl  
 Concen: 0.14 ng  
 RT: 9.69 min Scan# 578  
 Delta R.T. -0.11 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

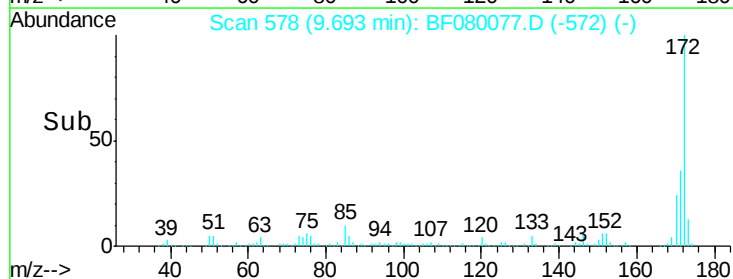
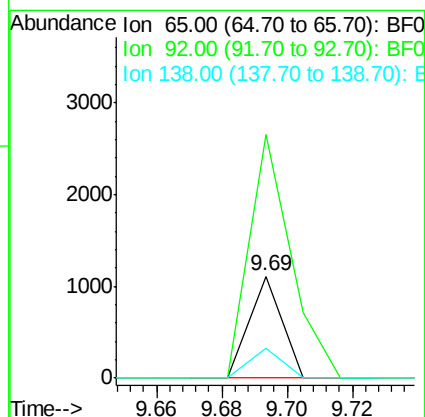
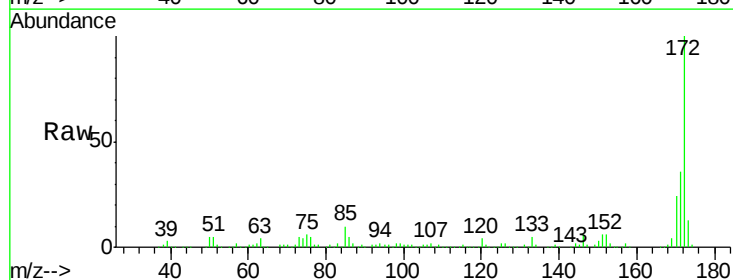
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

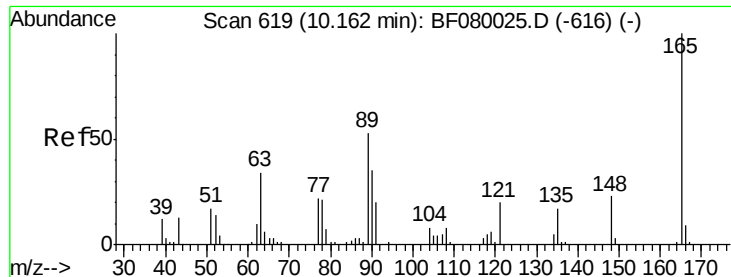
Tgt Ion:154 Resp: 1007  
 Ion Ratio Lower Upper  
 154 100  
 153 860.5 17.1 57.1#  
 76 2208.4 0.0 31.6#



#47  
 2-Nitroaniline  
 Concen: 0.48 ng  
 RT: 9.69 min Scan# 578  
 Delta R.T. -0.23 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Tgt Ion: 65 Resp: 758  
 Ion Ratio Lower Upper  
 65 100  
 92 239.9 55.4 83.0#  
 138 29.5 115.5 173.3#

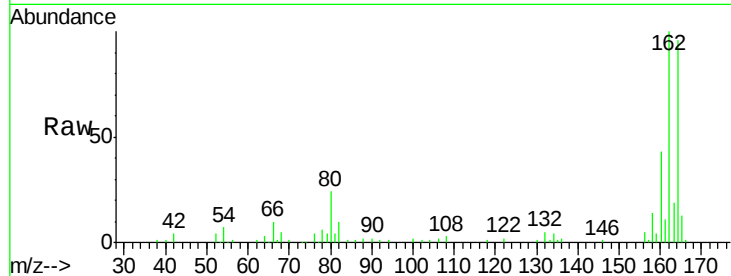




#50  
 2,6-Dinitrotoluene  
 Concen: 8.20 ng  
 RT: 10.39 min Scan# 639  
 Delta R.T. 0.23 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

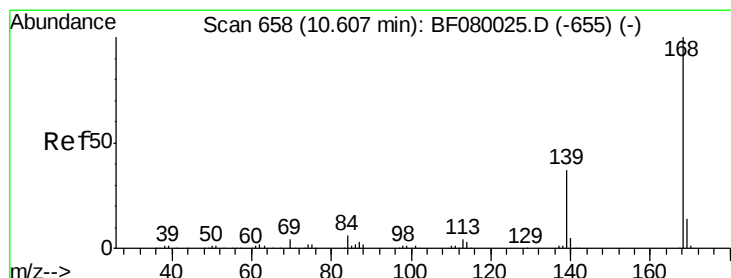
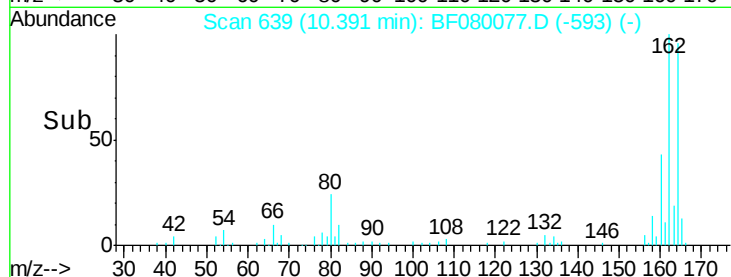
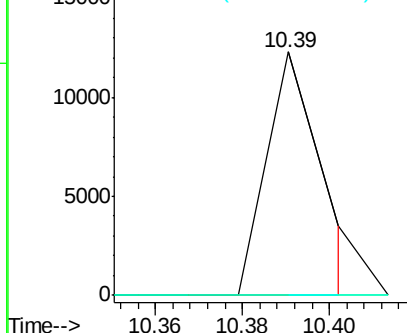
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 0.0   | 32.3  | 48.5# |
| 89      | 0.0   | 28.6  | 43.0# |



Abundance Ion 165.00 (164.70 to 165.70): E

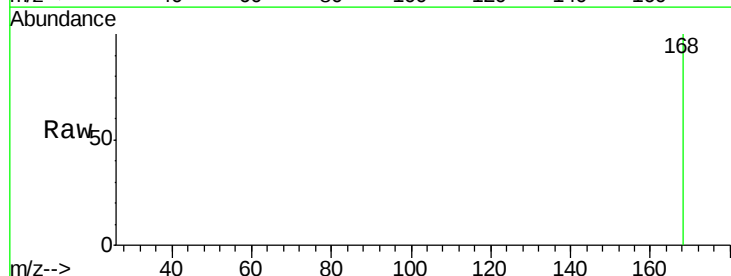
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#54  
 Dibenzofuran  
 Concen: 0.05 ng  
 RT: 10.60 min Scan# 657  
 Delta R.T. -0.01 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

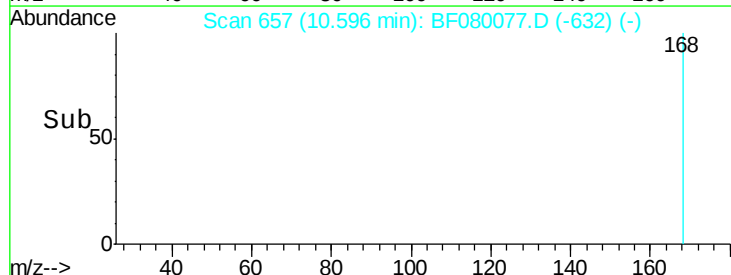
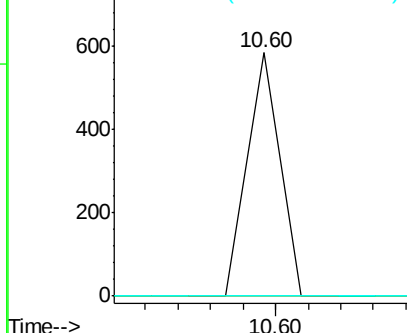
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 0.0   | 24.2  | 36.2# |
| 169     | 0.0   | 10.6  | 15.8# |

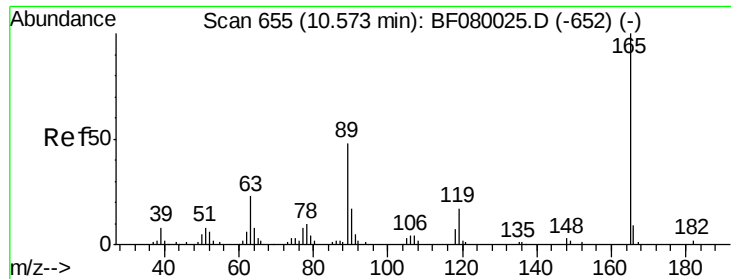


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

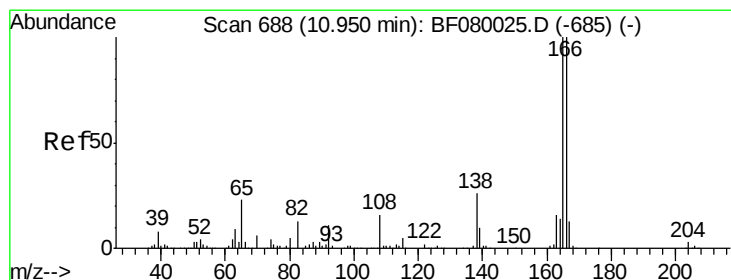
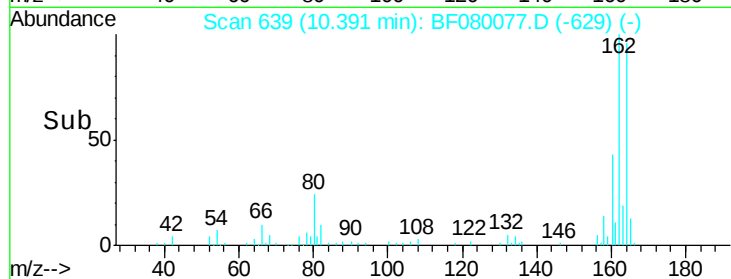
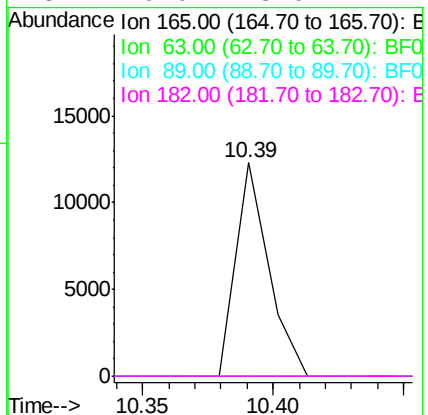
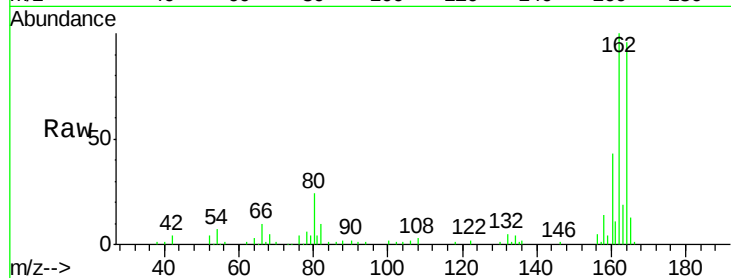




#56  
2,4-Dinitrotoluene  
Concen: 6.46 ng  
RT: 10.39 min Scan# 639  
Delta R.T. -0.18 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

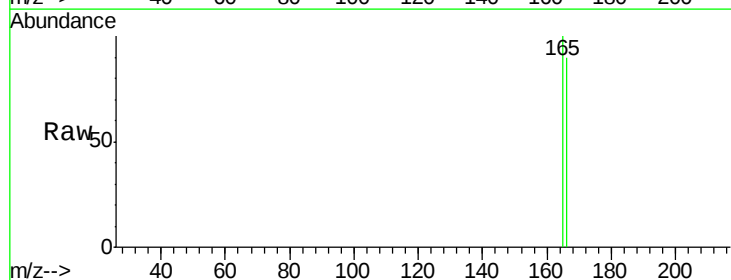
Instrument :  
BNA\_F  
ClientSampleId :  
SP15-JMW0961

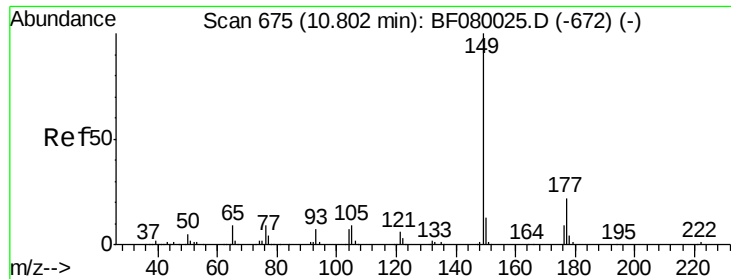
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 10858 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 0.0   | 29.8  | 44.6# |
| 89        | 0.0   | 44.5  | 66.7# |
| 182       | 0.0   | 3.0   | 4.4#  |



#57  
Fluorene  
Concen: 0.07 ng  
RT: 10.95 min Scan# 688  
Delta R.T. 0.00 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 473    |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 111.2 | 72.6  | 109.0# |
| 167       | 0.0   | 10.6  | 16.0#  |

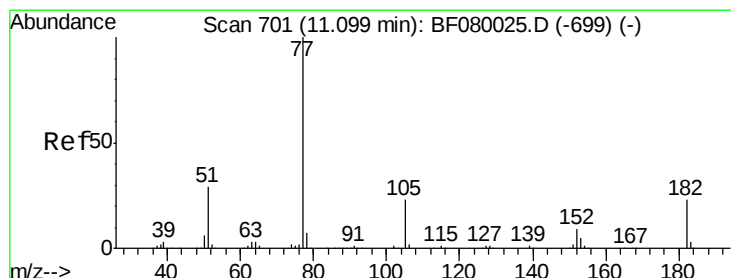
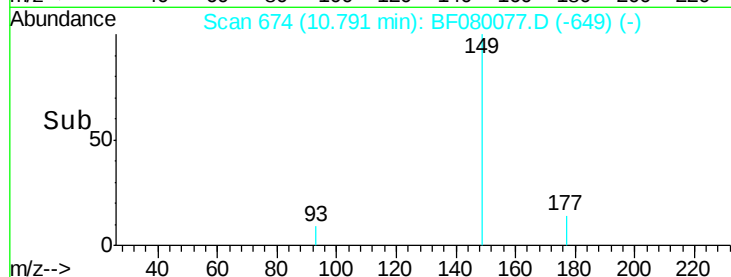
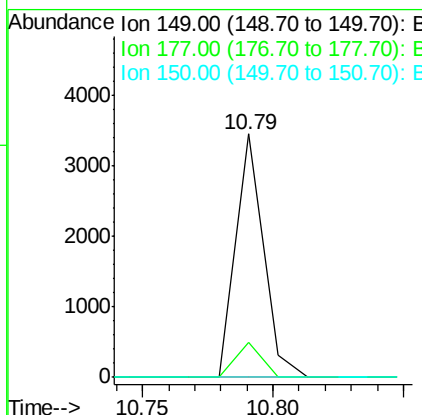
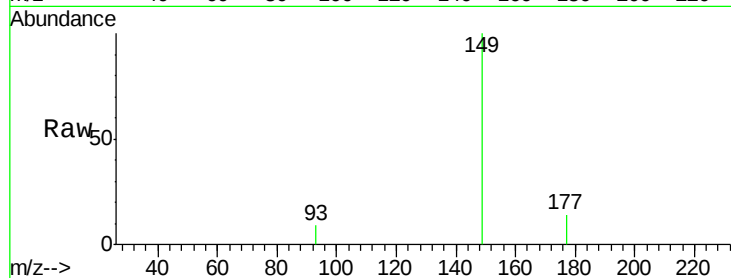




#59  
Diethylphthalate  
Concen: 0.39 ng  
RT: 10.79 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

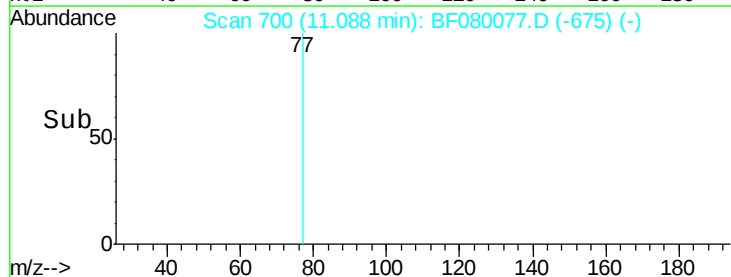
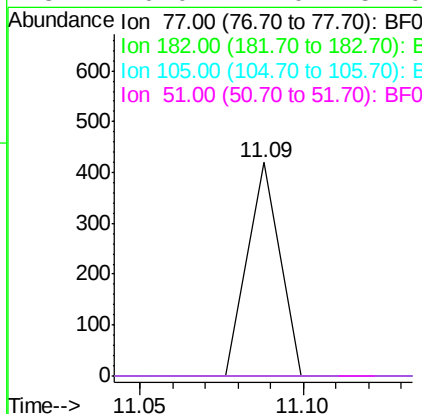
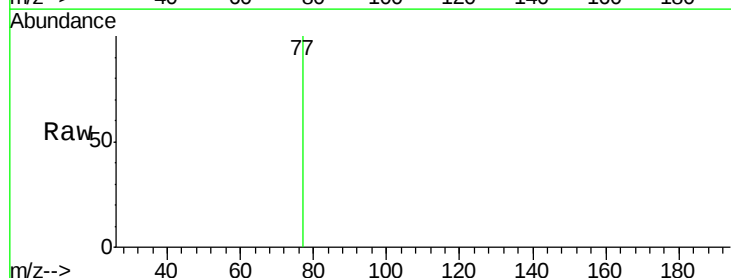
Instrument :  
BNA\_F  
ClientSampleId :  
SP15-JMW0961

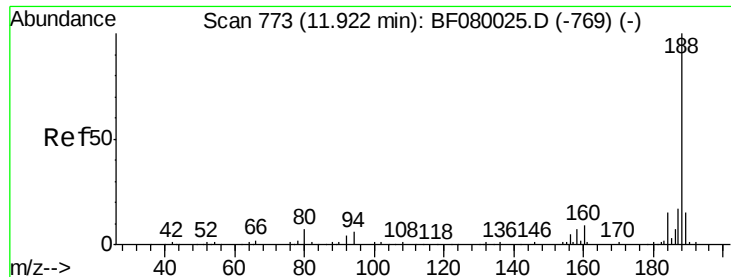
Tgt Ion: 149 Resp: 2584  
Ion Ratio Lower Upper  
149 100  
177 14.2 17.5 26.3#  
150 0.0 9.4 14.2#



#62  
Azobenzene  
Concen: 0.04 ng  
RT: 11.09 min Scan# 700  
Delta R.T. -0.01 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

Tgt Ion: 77 Resp: 288  
Ion Ratio Lower Upper  
77 100  
182 0.0 15.1 55.1#  
105 0.0 3.4 43.4#  
51 0.0 12.0 52.0#

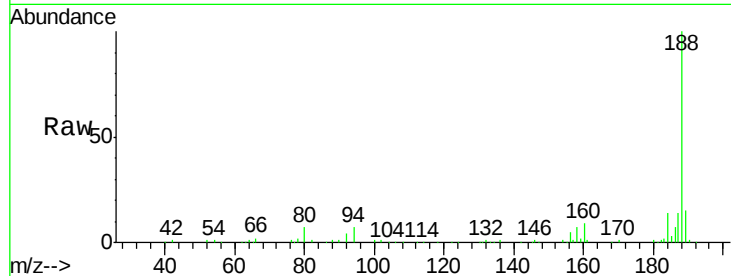




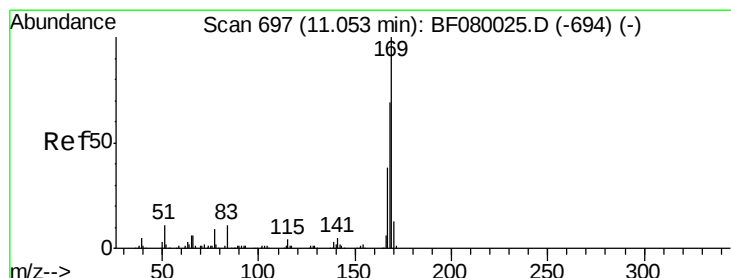
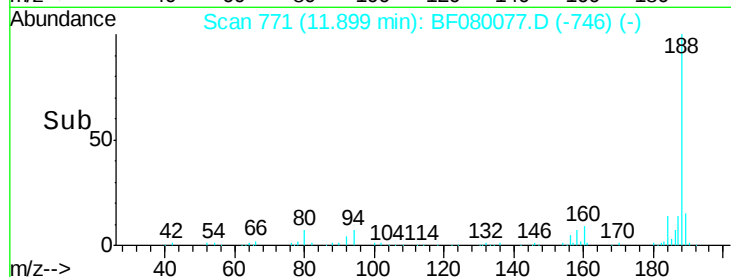
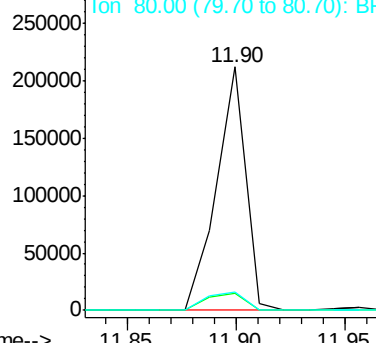
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.90 min Scan# 771  
Delta R.T. -0.01 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

Instrument :  
BNA\_F  
ClientSampleId :  
SP15-JMW0961

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.9   | 11.1  | 16.7# |
| 80      | 7.4   | 11.0  | 16.4# |

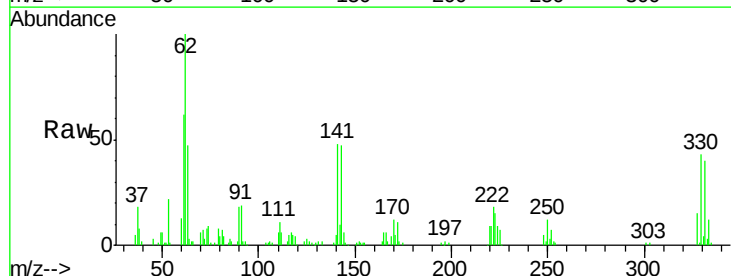


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

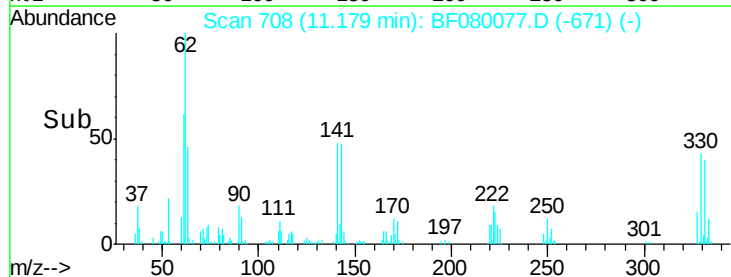
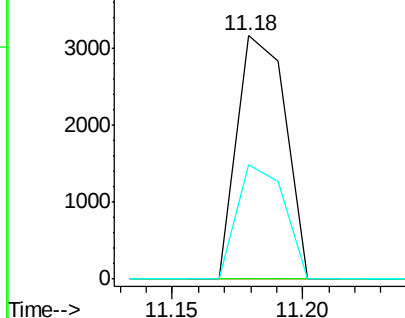


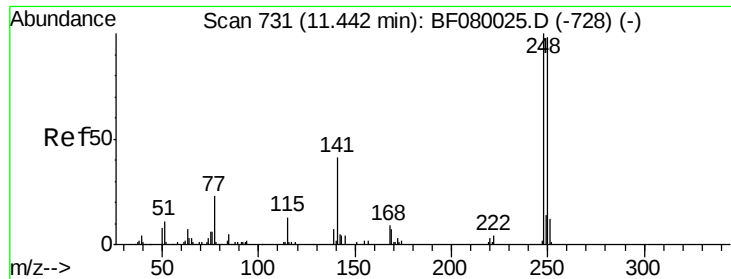
#65  
n-Nitrosodiphenylamine  
Concen: 0.64 ng  
RT: 11.18 min Scan# 708  
Delta R.T. 0.13 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 0.0   | 48.9  | 73.3# |
| 167     | 47.0  | 26.2  | 39.4# |



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

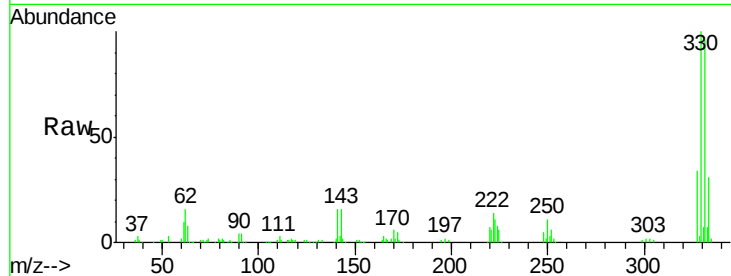




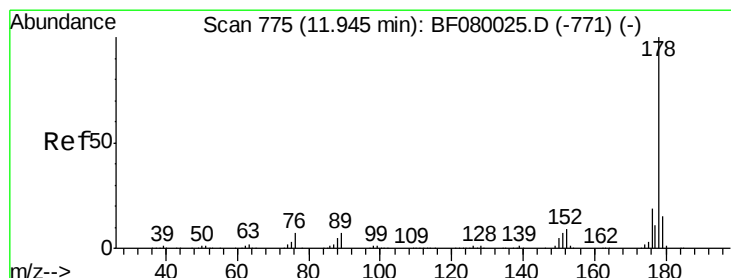
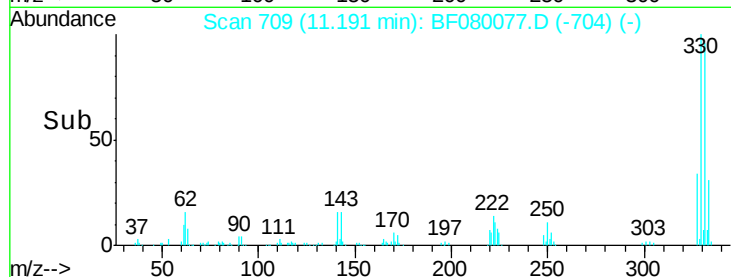
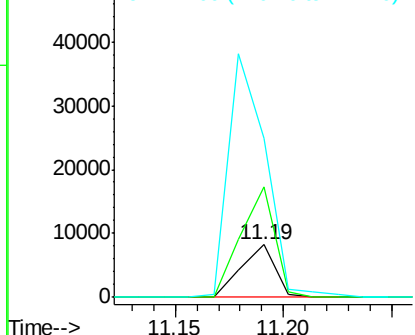
#66  
 4-Bromophenyl-phenylether  
 Concen: 4.23 ng  
 RT: 11.19 min Scan# 709  
 Delta R.T. -0.24 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

Tgt Ion:248 Resp: 8929  
 Ion Ratio Lower Upper  
 248 100  
 250 210.9 78.5 117.7#  
 141 303.1 59.0 88.6#

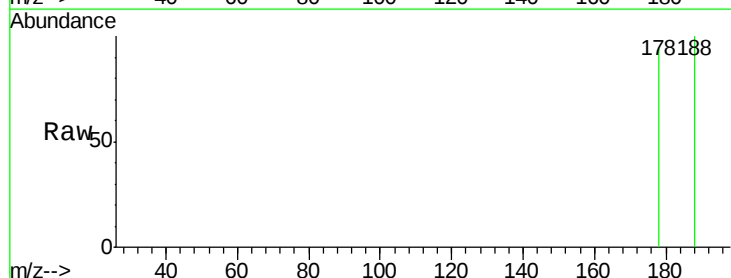


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

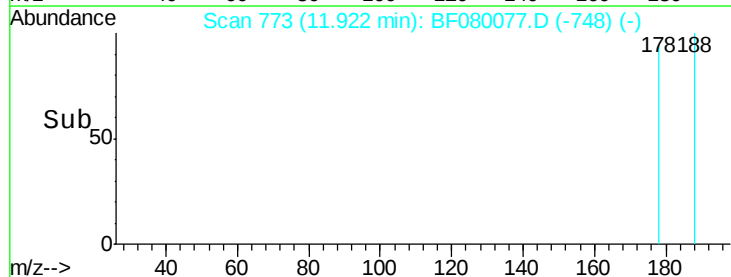
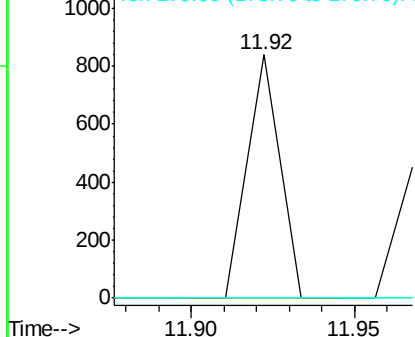


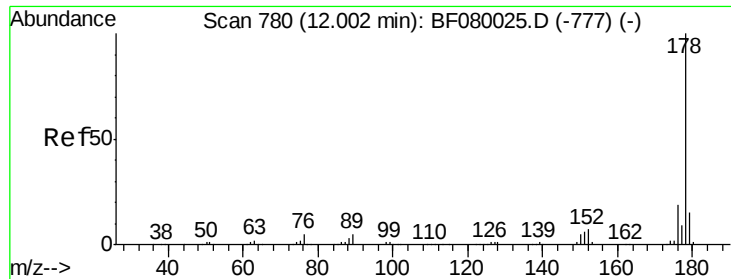
#70  
 Phenanthrene  
 Concen: 0.05 ng  
 RT: 11.92 min Scan# 773  
 Delta R.T. -0.01 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Tgt Ion:178 Resp: 576  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 13.8 20.8#  
 179 0.0 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

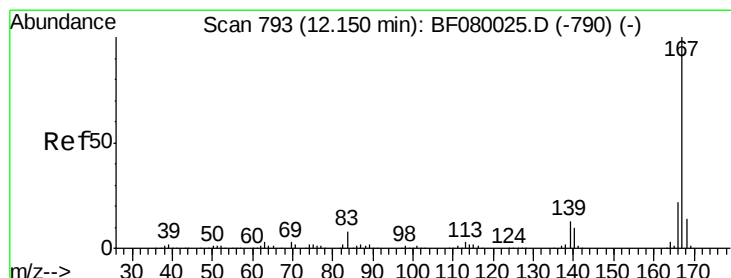
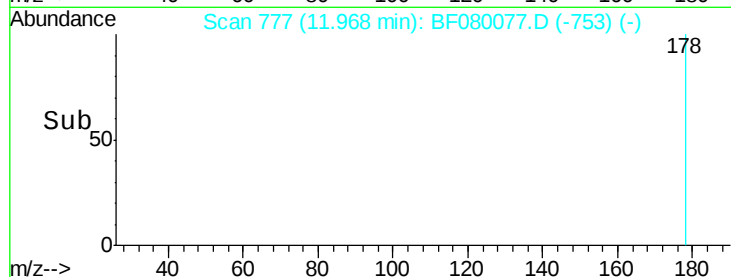
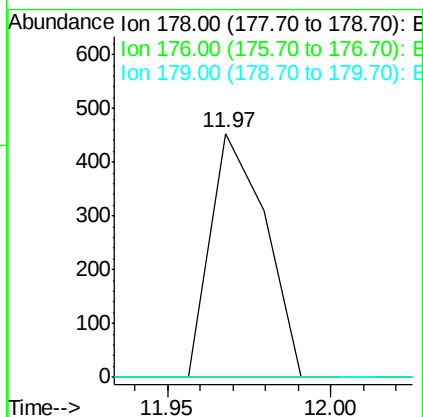
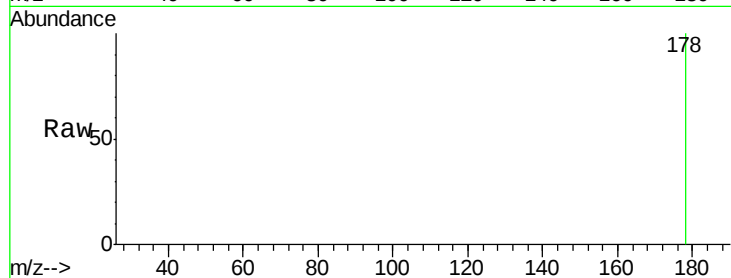




#71  
 Anthracene  
 Concen: 0.05 ng  
 RT: 11.97 min Scan# 777  
 Delta R.T. -0.02 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

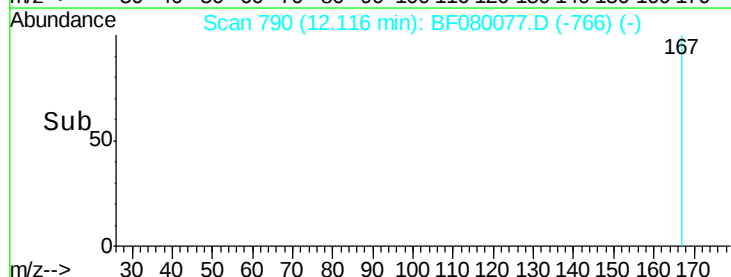
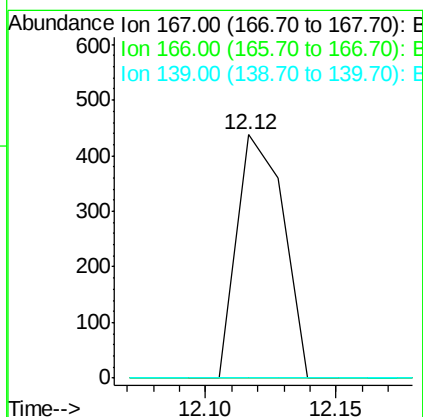
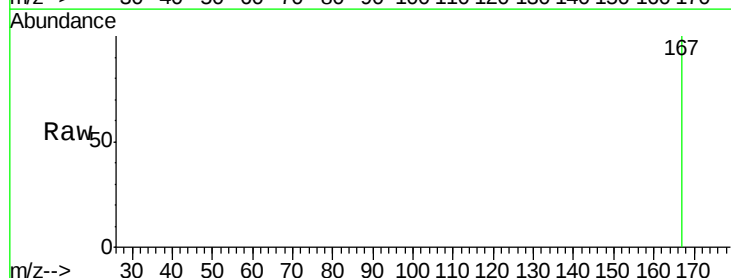
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

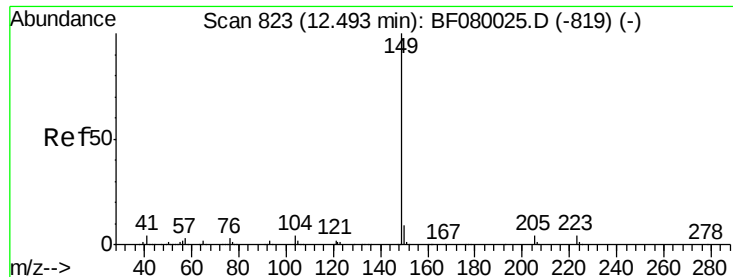
Tgt Ion:178 Resp: 523  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 14.1 21.1#  
 179 0.0 12.2 18.2#



#72  
 Carbazole  
 Concen: 0.05 ng  
 RT: 12.12 min Scan# 790  
 Delta R.T. -0.02 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Tgt Ion:167 Resp: 547  
 Ion Ratio Lower Upper  
 167 100  
 166 0.0 15.7 23.5#  
 139 0.0 9.5 14.3#

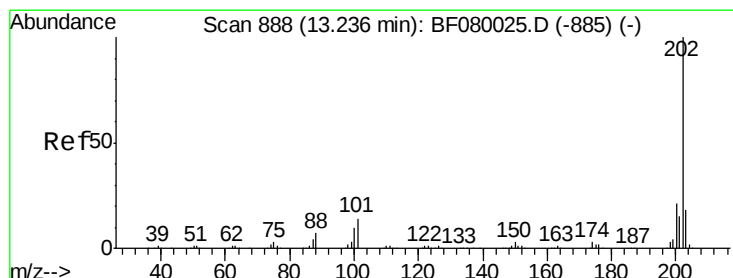
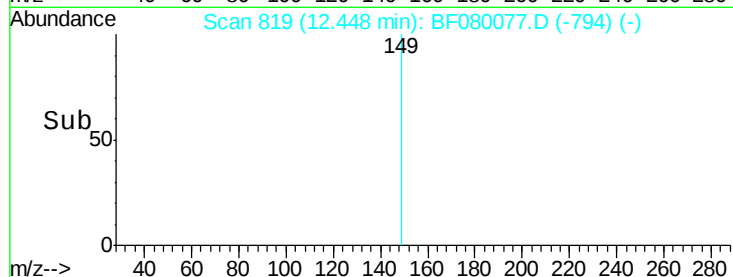
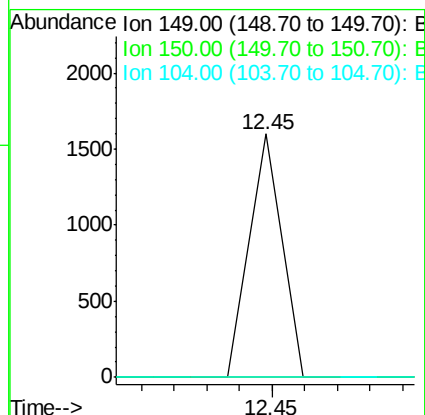
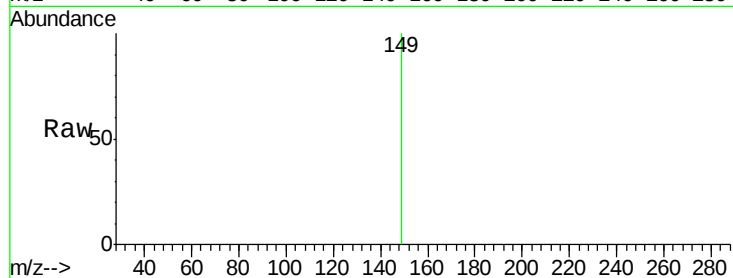




#73  
Di-n-butylphthalate  
Concen: 0.09 ng  
RT: 12.45 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

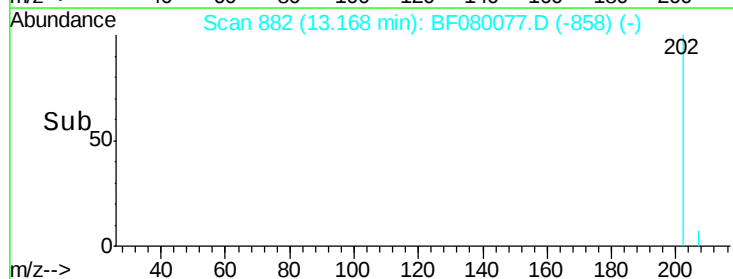
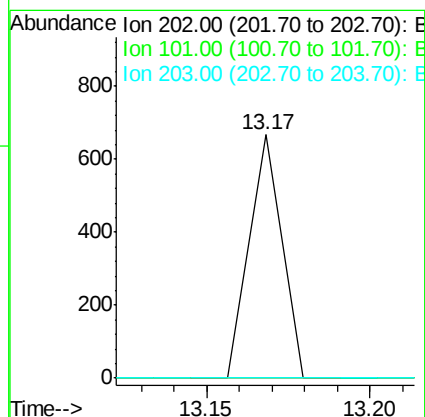
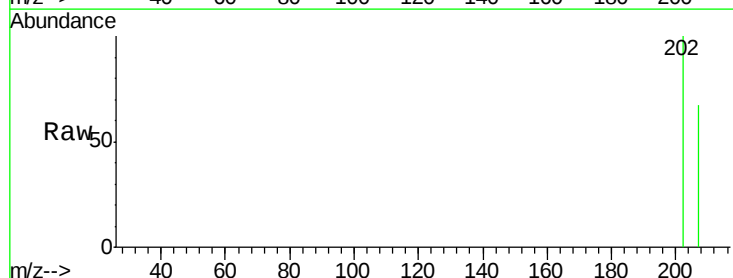
Instrument :  
BNA\_F  
ClientSampleId :  
SP15-JMW0961

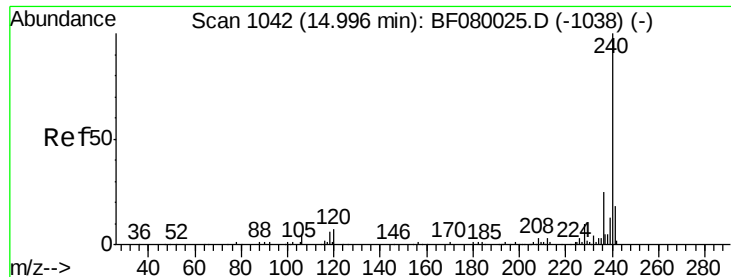
Tgt Ion:149 Resp: 1097  
Ion Ratio Lower Upper  
149 100  
150 0.0 7.4 11.2#  
104 0.0 2.4 3.6#



#74  
Fluoranthene  
Concen: 0.04 ng  
RT: 13.17 min Scan# 882  
Delta R.T. -0.02 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

Tgt Ion:202 Resp: 458  
Ion Ratio Lower Upper  
202 100  
101 0.0 0.0 38.3  
203 0.0 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

Instrument :

BNA\_F

ClientSampleId :

SP15-JMW0961

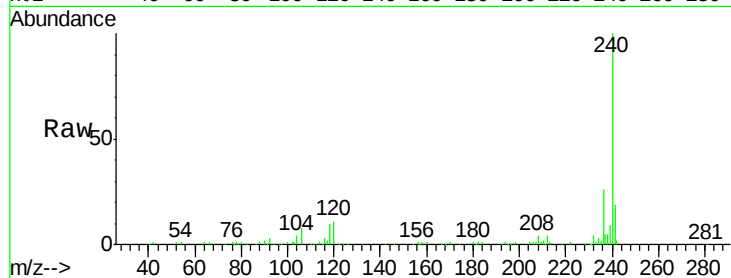
Tgt Ion:240 Resp: 209322

Ion Ratio Lower Upper

240 100

120 11.3 16.2 24.2#

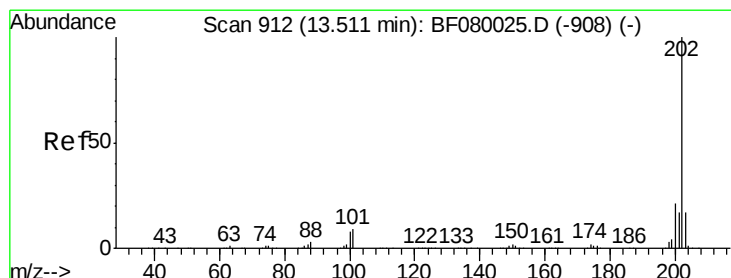
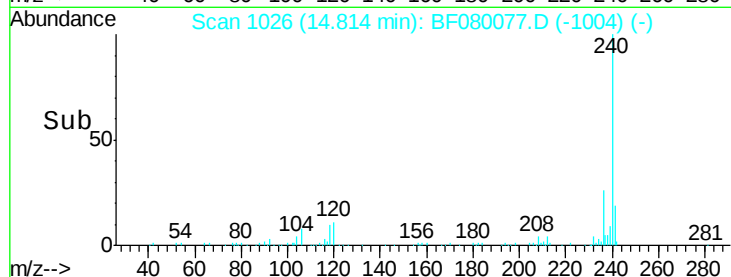
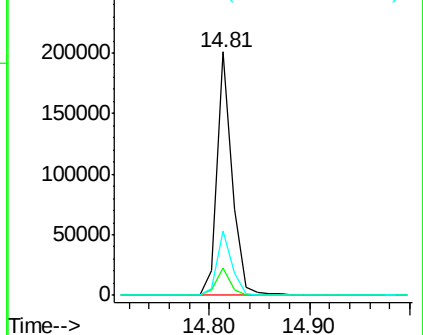
236 26.4 18.4 27.6



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



#77

Pyrene

Concen: 0.03 ng

RT: 13.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

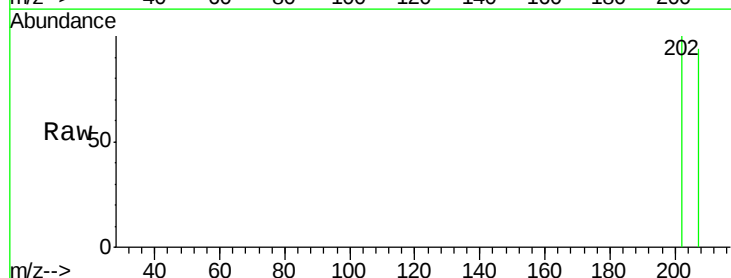
Tgt Ion:202 Resp: 443

Ion Ratio Lower Upper

202 100

200 0.0 15.0 22.4#

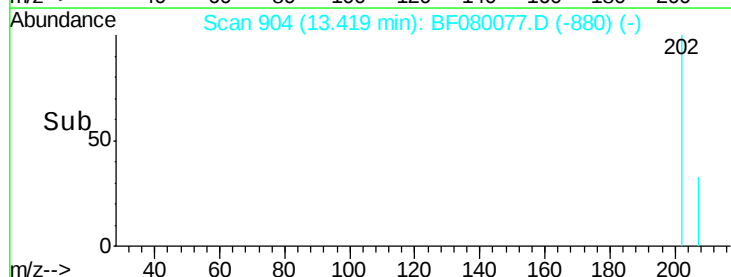
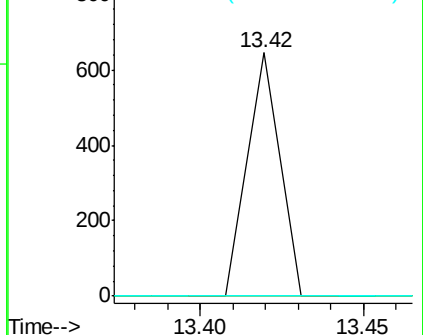
203 0.0 14.1 21.1#

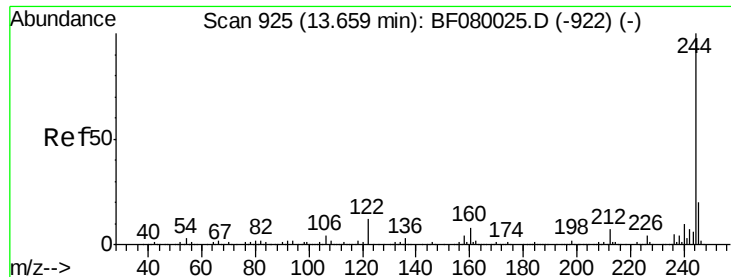


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

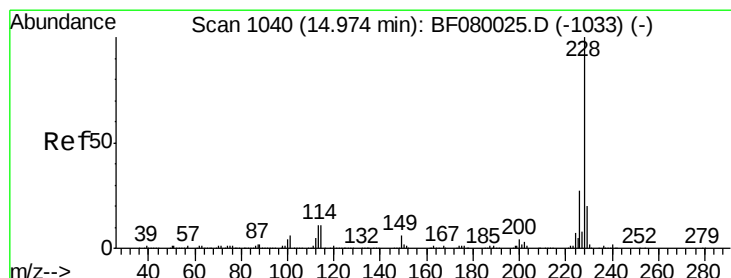
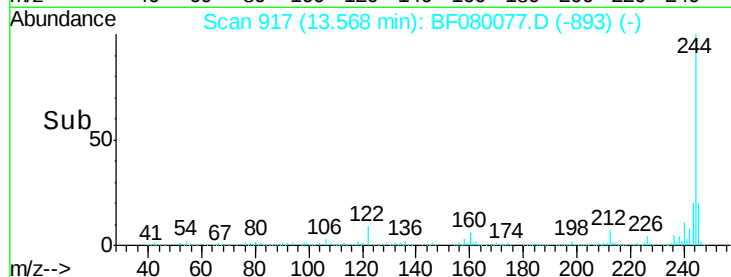
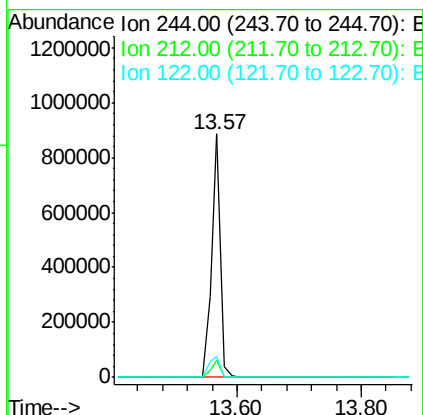
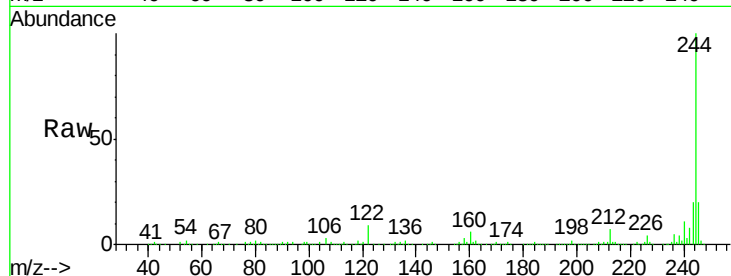




#78  
 Terphenyl-d14  
 Concen: 95.32 ng  
 RT: 13.57 min Scan# 917  
 Delta R.T. -0.02 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

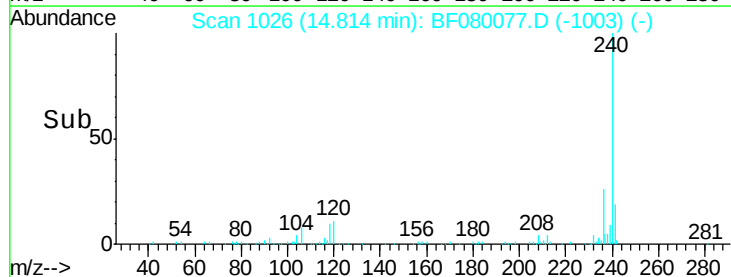
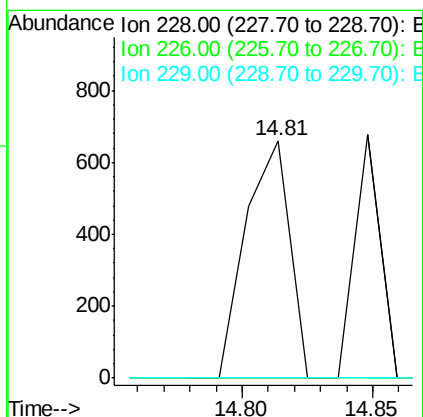
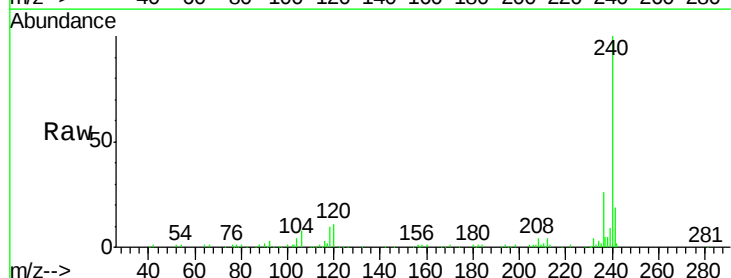
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP15-JMW0961

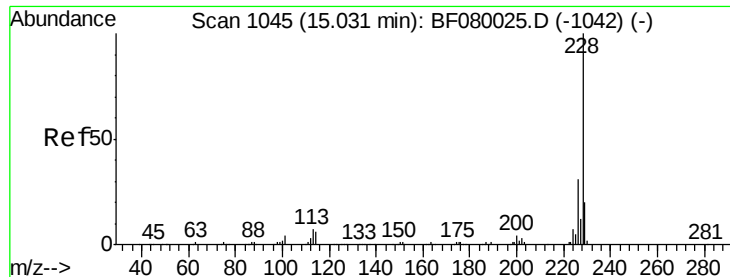
Tgt Ion:244 Resp: 854355  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 4.3 6.5#  
 122 8.7 17.4 26.2#



#80  
 Benzo(a)anthracene  
 Concen: 0.06 ng  
 RT: 14.81 min Scan# 1026  
 Delta R.T. -0.03 min  
 Lab File: BF080077.D  
 Acq: 20 Jun 2015 3:06

Tgt Ion:228 Resp: 781  
 Ion Ratio Lower Upper  
 228 100  
 226 0.0 20.0 30.0#  
 229 0.0 15.4 23.2#





#82

Chrysene

Concen: 0.04 ng

RT: 14.85 min Scan# 1029

Delta R.T. -0.05 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

Instrument :

BNA\_F

ClientSampleId :

SP15-JMW0961

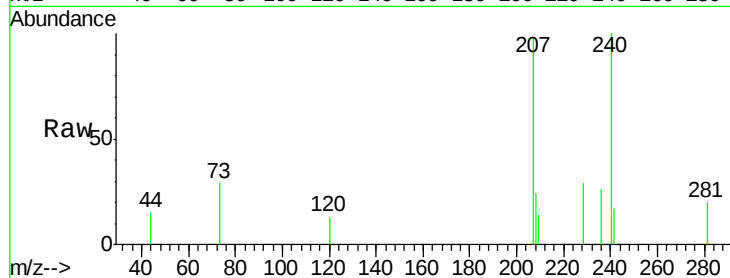
Tgt Ion:228 Resp: 464

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

229 0.0 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.85

600

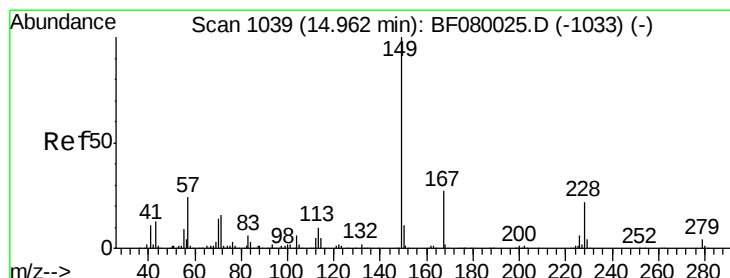
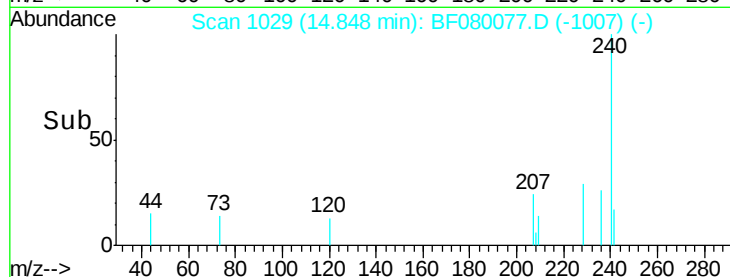
400

200

0

14.82 14.84 14.86 14.88

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.05 min

Lab File: BF080077.D

Acq: 20 Jun 2015 3:06

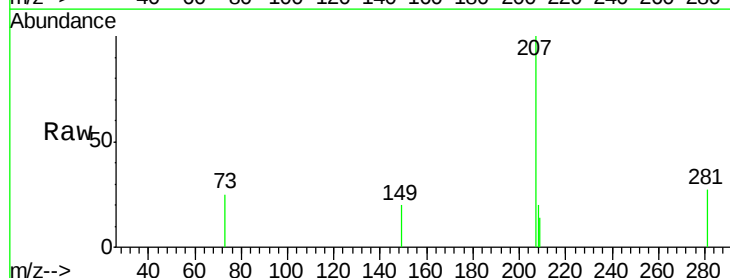
Tgt Ion:149 Resp: 496

Ion Ratio Lower Upper

149 100

167 0.0 24.2 36.2#

279 0.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.78

500

400

300

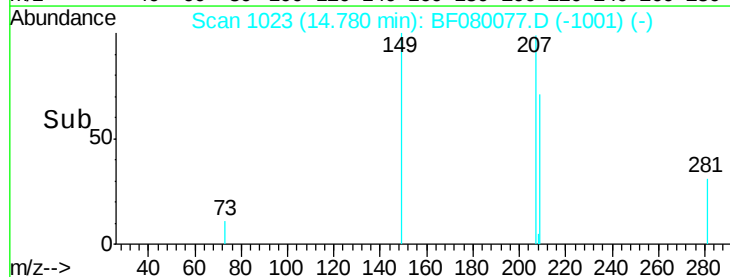
200

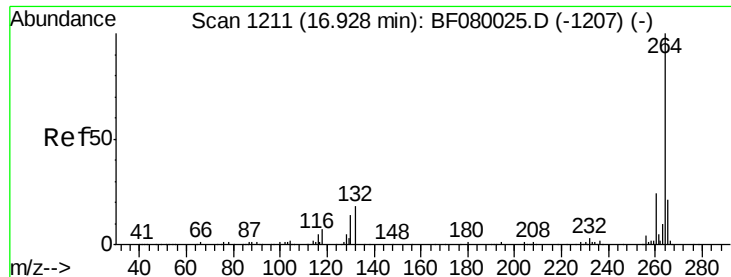
100

0

14.75 14.80

Time-->

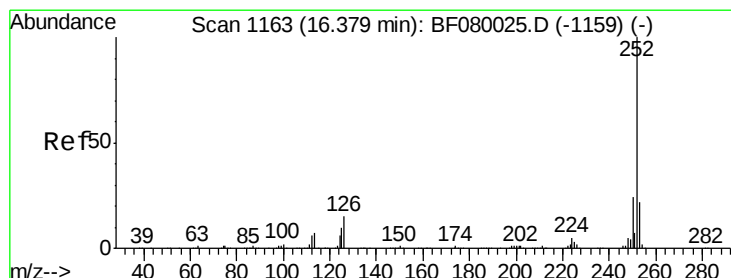
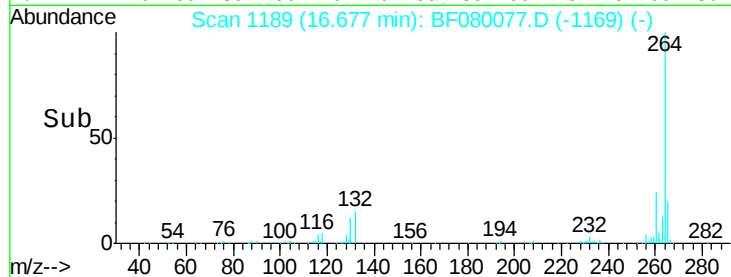
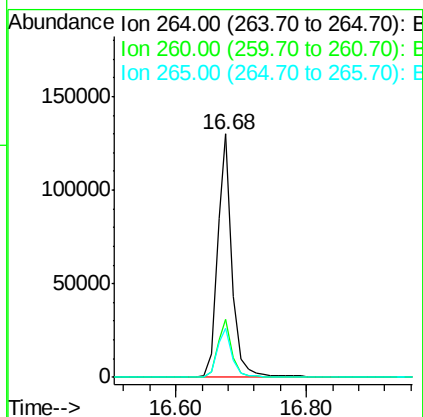
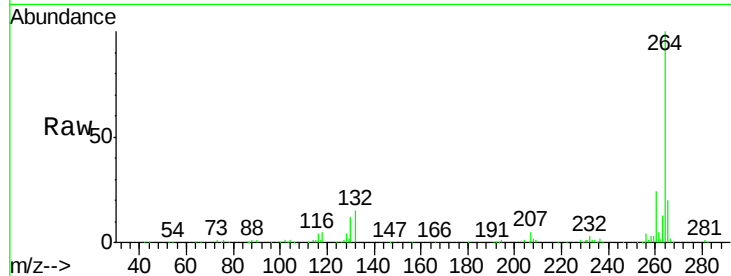




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 16.68 min Scan# 1189  
Delta R.T. -0.07 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

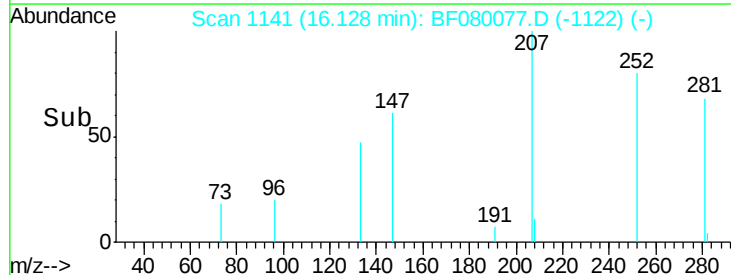
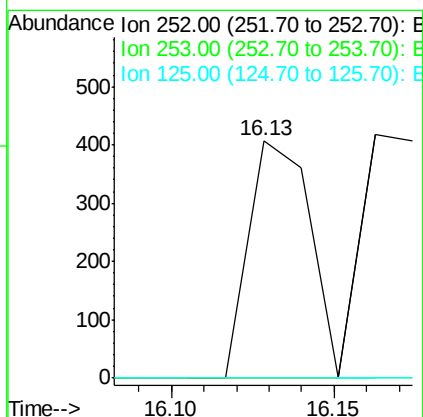
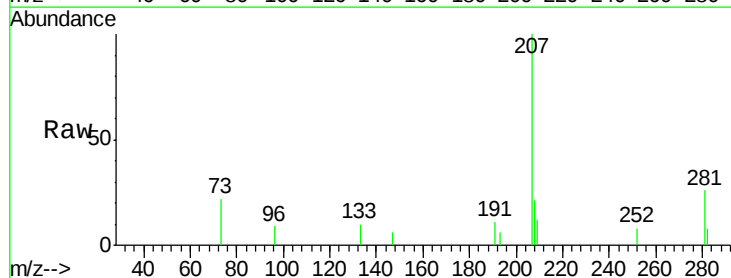
Instrument :  
BNA\_F  
ClientSampleId :  
SP15-JMW0961

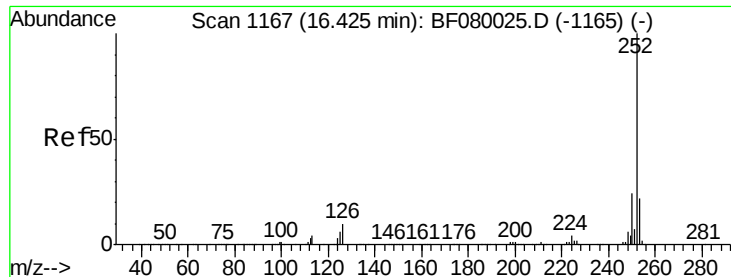
Tgt Ion: 264 Resp: 202345  
Ion Ratio Lower Upper  
264 100  
260 24.0 16.7 25.1  
265 20.3 17.2 25.8



#87  
Benzo(b)fluoranthene  
Concen: 0.04 ng  
RT: 16.13 min Scan# 1141  
Delta R.T. -0.08 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

Tgt Ion: 252 Resp: 527  
Ion Ratio Lower Upper  
252 100  
253 0.0 17.5 26.3#  
125 0.0 17.1 25.7#

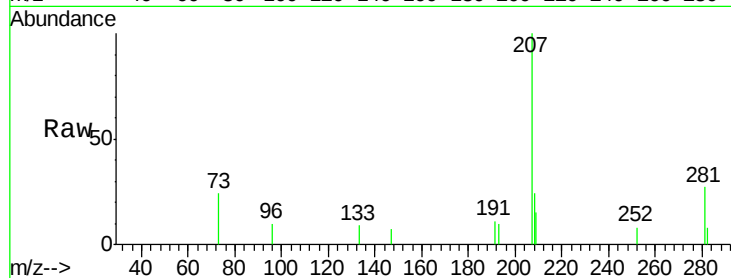




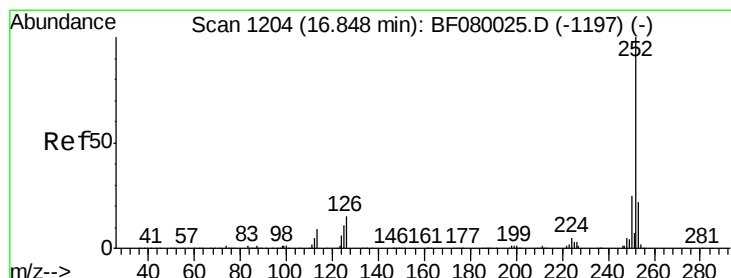
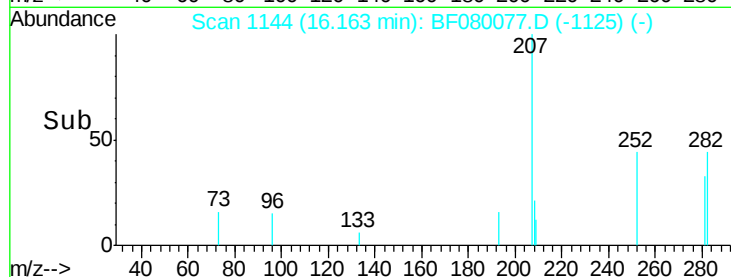
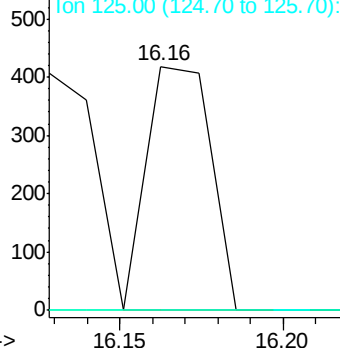
#88  
Benzo(k)fluoranthene  
Concen: 0.05 ng  
RT: 16.16 min Scan# 1144  
Delta R.T. -0.08 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

Instrument :  
BNA\_F  
ClientSampleId :  
SP15-JMW0961

Tgt Ion: 252 Resp: 566  
Ion Ratio Lower Upper  
252 100  
253 0.0 17.0 25.4#  
125 0.0 16.0 24.0#

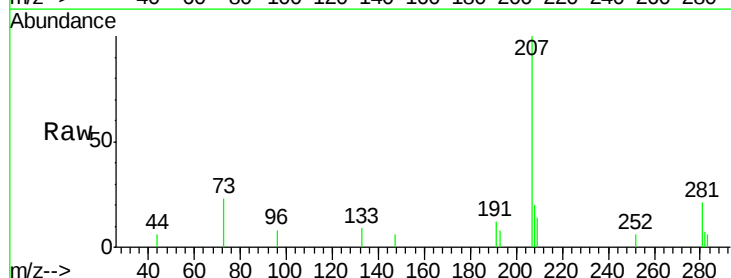


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#89  
Benzo(a)pyrene  
Concen: 0.04 ng  
RT: 16.60 min Scan# 1182  
Delta R.T. -0.07 min  
Lab File: BF080077.D  
Acq: 20 Jun 2015 3:06

Tgt Ion: 252 Resp: 437  
Ion Ratio Lower Upper  
252 100  
253 0.0 17.2 25.8#  
125 0.0 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

