

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM011315\  
 Data File : BM000180.D  
 Acq On : 13 Jan 2015 22:22  
 Operator : TP/IZ  
 Sample : G1063-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AP3

Quant Time: Jan 14 12:59:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM122914.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 14 12:47:10 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 119366   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.62 | 136  | 472261   | 20.00 | ng/ul | -0.02    |
| 35) Acenaphthene-d10      | 14.46 | 164  | 312341   | 20.00 | ng/ul | -0.02    |
| 61) Phenanthrene-d10      | 17.21 | 188  | 624106   | 20.00 | ng/ul | -0.02    |
| 75) Chrysene-d12          | 21.39 | 240  | 710034   | 20.00 | ng/ul | -0.02    |
| 83) Perylene-d12          | 23.68 | 264  | 679204   | 20.00 | ng/ul | -0.03    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 140729  | 68.36 | ng/uL | -0.03 |
| 5) Phenol-d5                   | 6.99  | 99  | 83555   | 8.32  | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 206342  | 32.51 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 198377  | 26.94 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 131817  | 16.50 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.99  | 128 | 109786  | 33.62 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 117426  | 35.22 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 215404  | 29.24 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.76 | 131 | 15532   | 1.86  | ng/ul | -0.02 |
| 43) Dimethylphthalate-d6       | 13.87 | 166 | 811036  | 35.21 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8          | 14.16 | 160 | 916916  | 33.22 | ng/ul | -0.02 |
| 51) 4-Nitrophenol-d4           | 14.66 | 143 | 24491   | 6.53  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.46 | 176 | 682923  | 34.52 | ng/ul | -0.02 |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 94950   | 32.10 | ng/ul | -0.02 |
| 70) Anthracene-d10             | 17.30 | 188 | 1104362 | 38.27 | ng/ul | -0.01 |
| 76) Pyrene-d10                 | 19.60 | 212 | 1249556 | 38.15 | ng/ul | -0.02 |
| 87) Benzo(a)pyrene-d12         | 23.53 | 264 | 1222902 | 39.67 | ng/ul | -0.04 |

## Target Compounds

|                                |       |     |       |       | Qvalue |    |
|--------------------------------|-------|-----|-------|-------|--------|----|
| 2) 1,4-Dioxane                 | 3.35  | 88  | 72727 | 25.49 | ng/uL  | 92 |
| 6) Phenol                      | 7.02  | 94  | 305   | 0.03  | ng/ul# | 31 |
| 8) Bis(2-Chloroethyl)ether     | 7.26  | 93  | 1107  | 0.13  | ng/ul# | 59 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.52  | 45  | 1462  | 0.11  | ng/ul# | 63 |
| 14) Acetophenone               | 8.65  | 105 | 150   | 0.01  | ng/ul# | 7  |
| 15) N-Nitroso-di-n-propylamine | 8.53  | 70  | 4684  | 0.64  | ng/ul# | 1  |
| 20) Nitrobenzene               | 8.99  | 77  | 1097  | 0.11  | ng/ul# | 33 |
| 21) Isophorone                 | 9.70  | 82  | 17169 | 0.91  | ng/ul# | 74 |
| 28) Naphthalene                | 10.67 | 128 | 793   | 0.03  | ng/ul# | 69 |
| 44) Dimethylphthalate          | 13.92 | 163 | 48748 | 2.12  | ng/ul# | 95 |
| 45) 2,6-Dinitrotoluene         | 14.00 | 165 | 437   | 0.11  | ng/ul# | 25 |
| 53) Dibenzofuran               | 14.86 | 168 | 370   | 0.01  | ng/ul# | 69 |
| 56) Diethylphthalate           | 15.29 | 149 | 16564 | 0.69  | ng/ul# | 94 |
| 58) Fluorene                   | 15.52 | 166 | 492   | 0.02  | ng/ul# | 50 |
| 60) 4-Nitroaniline             | 15.46 | 138 | 359   | 0.07  | ng/ul# | 1  |
| 64) N-Nitrosodiphenylamine     | 15.57 | 169 | 608   | 0.03  | ng/ul# | 33 |
| 69) Phenanthrene               | 17.24 | 178 | 5231  | 0.15  | ng/ul# | 92 |
| 71) Anthracene                 | 17.34 | 178 | 661   | 0.02  | ng/ul# | 61 |
| 72) Carbazole                  | 17.61 | 167 | 1858  | 0.06  | ng/ul# | 60 |
| 73) Di-n-butylphthalate        | 18.17 | 149 | 4463  | 0.12  | ng/ul# | 89 |
| 74) Fluoranthene               | 19.26 | 202 | 3830  | 0.10  | ng/ul# | 80 |
| 77) Pyrene                     | 19.63 | 202 | 3064  | 0.07  | ng/ul# | 65 |
| 78) Butylbenzylphthalate       | 20.53 | 149 | 503   | 0.03  | ng/ul# | 57 |

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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AP3

Quant Time: Jan 14 12:59:11 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM122914.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jan 14 12:47:10 2015  
Response via : Initial Calibration

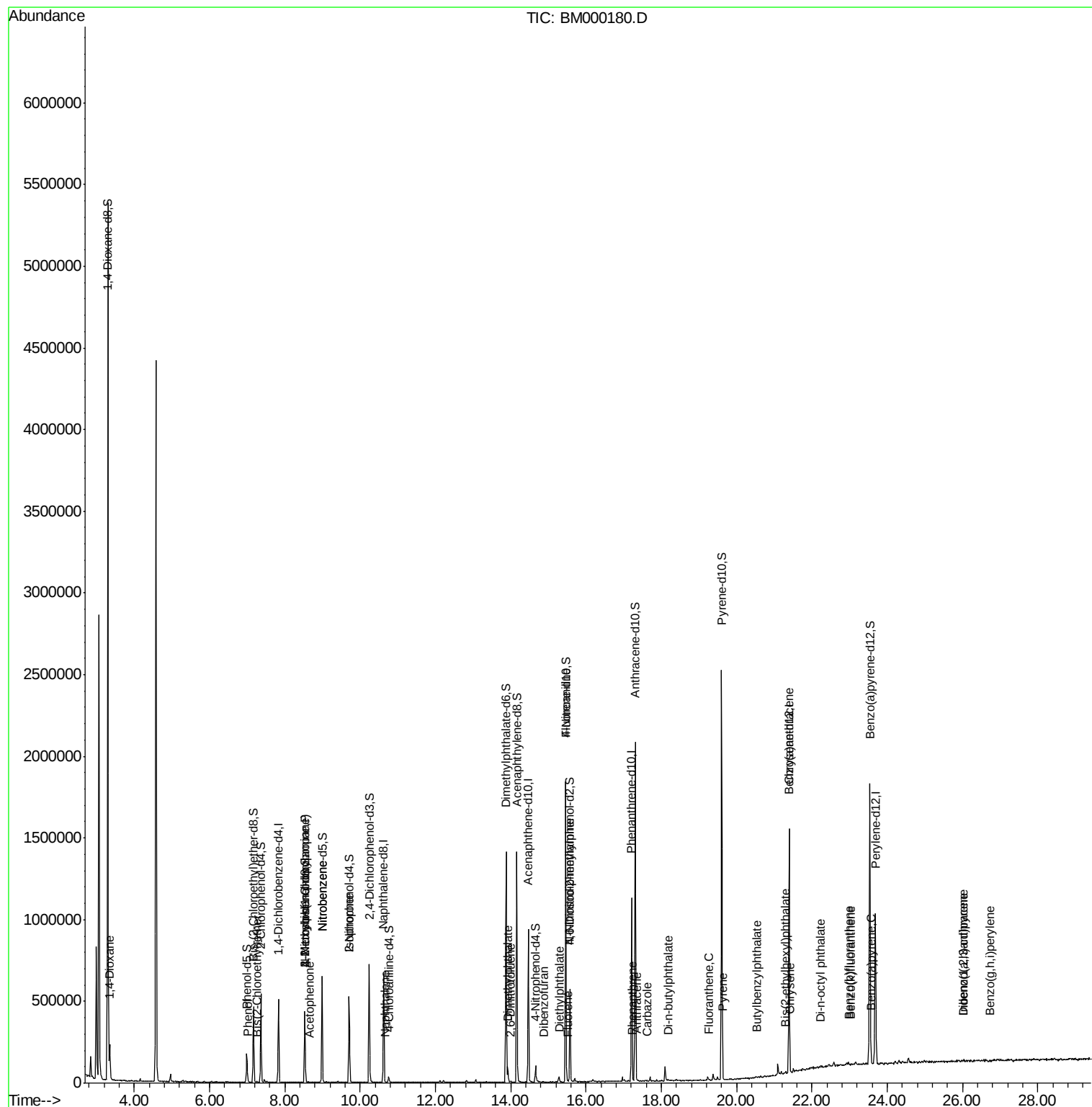
| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| 80) Benzo(a)anthracene         | 21.38 | 228  | 3789     | 0.09 | ng/ul# | 62       |
| 81) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 3336     | 0.13 | ng/ul# | 78       |
| 82) Chrysene                   | 21.42 | 228  | 1445     | 0.04 | ng/ul# | 51       |
| 84) Di-n-octyl phthalate       | 22.22 | 149  | 341      | 0.01 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 22.99 | 252  | 899      | 0.02 | ng/ul# | 59       |
| 86) Benzo(k)fluoranthene       | 23.04 | 252  | 806      | 0.02 | ng/ul# | 64       |
| 88) Benzo(a)pyrene             | 23.57 | 252  | 1338     | 0.04 | ng/ul# | 28       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.03 | 276  | 119      | 0.00 | ng/ul# | 55       |
| 90) Dibenzo(a,h)anthracene     | 26.02 | 278  | 420      | 0.01 | ng/ul# | 57       |
| 91) Benzo(g,h,i)perylene       | 26.73 | 276  | 346      | 0.01 | ng/ul# | 56       |

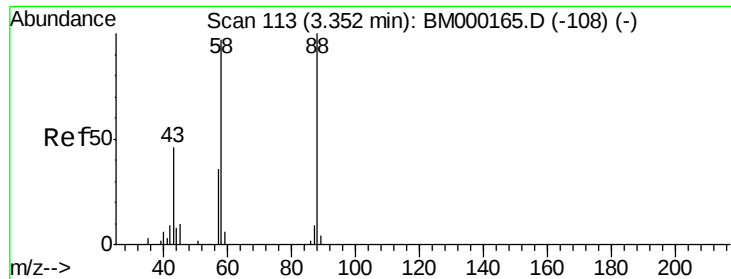
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 25.49 ng/uL

RT: 3.35 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

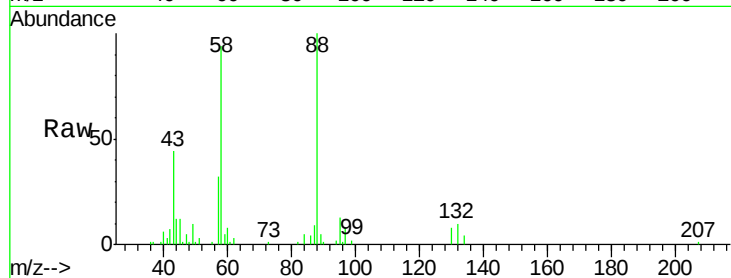
Tgt Ion: 88 Resp: 72727

Ion Ratio Lower Upper

88 100

43 42.8 34.9 52.3

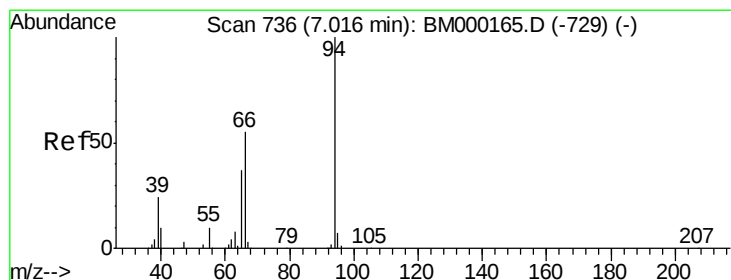
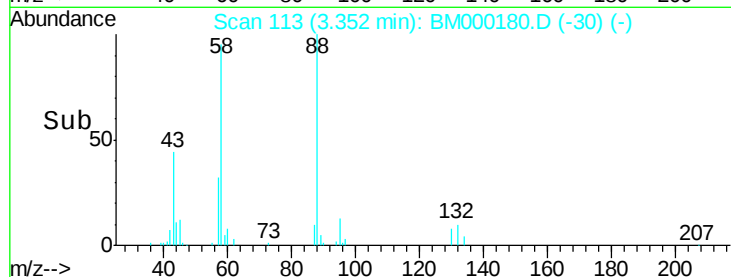
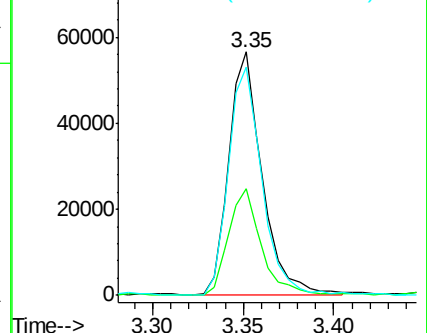
58 94.1 67.3 100.9



Abundance Ion 88.00 (87.70 to 88.70): BM000180.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM000180.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM000180.D (-30) (-)



#6

Phenol

Concen: 0.03 ng/uL

RT: 7.02 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

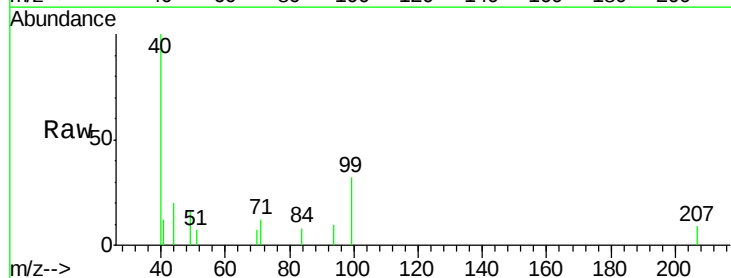
Tgt Ion: 94 Resp: 305

Ion Ratio Lower Upper

94 100

65 0.0 27.4 41.0#

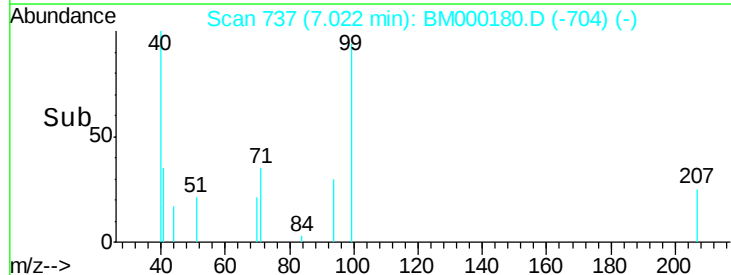
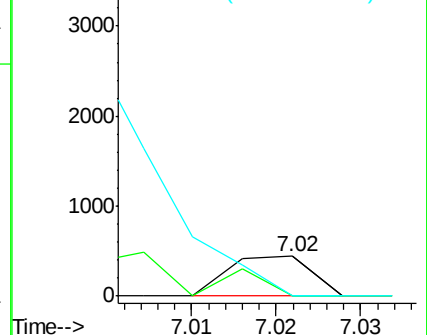
66 0.0 42.5 63.7#

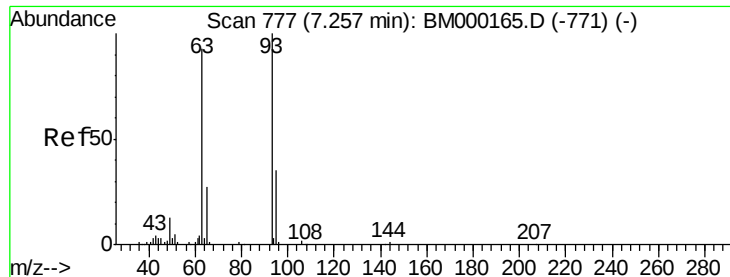


Abundance Ion 94.00 (93.70 to 94.70): BM000180.D (-704) (-)

Ion 65.00 (64.70 to 65.70): BM000180.D (-704) (-)

Ion 66.00 (65.70 to 66.70): BM000180.D (-704) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 0.13 ng/ul

RT: 7.26 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

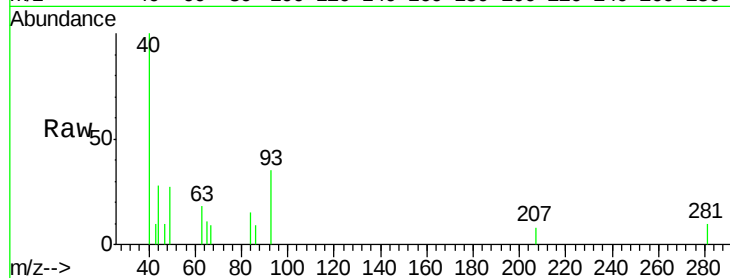
Tgt Ion: 93 Resp: 1107

Ion Ratio Lower Upper

93 100

63 53.0 68.9 103.3#

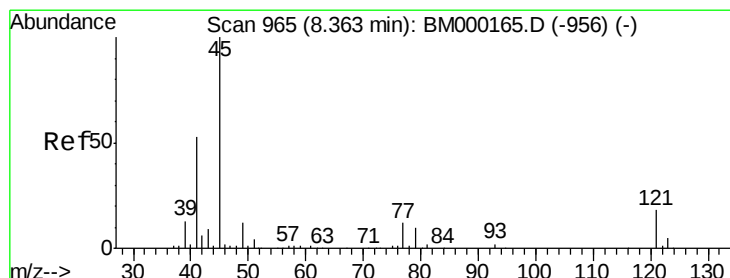
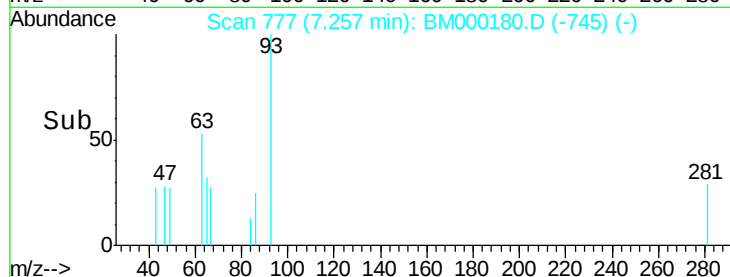
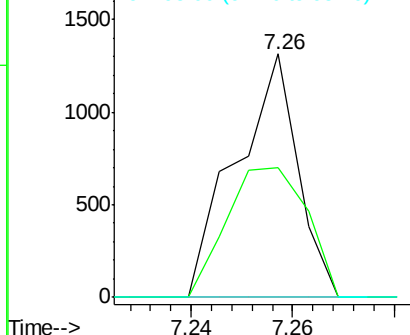
95 0.0 24.6 37.0#



Abundance Ion 93.00 (92.70 to 93.70): BM000180.D (-745) (-)

Ion 63.00 (62.70 to 63.70): BM000180.D (-745) (-)

Ion 95.00 (94.70 to 95.70): BM000180.D (-745) (-)



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.11 ng/ul

RT: 8.52 min Scan# 992

Delta R.T. 0.14 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

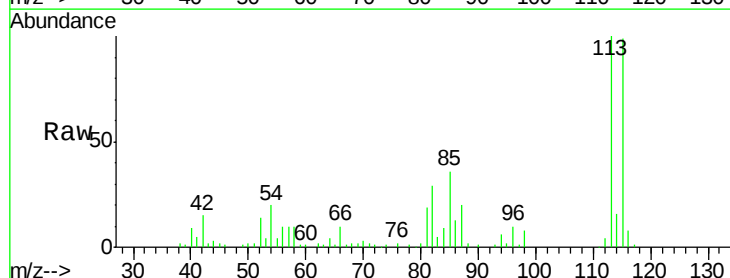
Tgt Ion: 45 Resp: 1462

Ion Ratio Lower Upper

45 100

77 0.0 9.9 14.9#

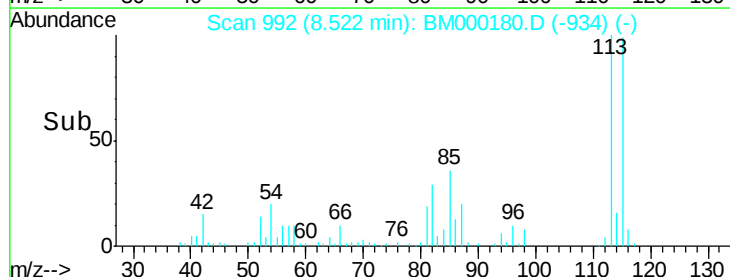
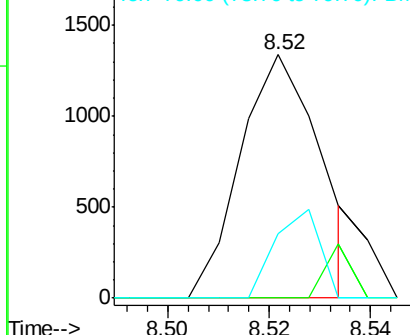
79 26.5 8.3 12.5#

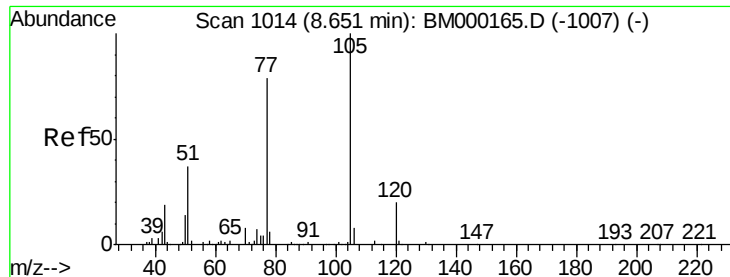


Abundance Ion 45.00 (44.70 to 45.70): BM000180.D (-934) (-)

Ion 77.00 (76.70 to 77.70): BM000180.D (-934) (-)

Ion 79.00 (78.70 to 79.70): BM000180.D (-934) (-)





#14

Acetophenone

Concen: 0.01 ng/ul

RT: 8.65 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampled :

C0AP3

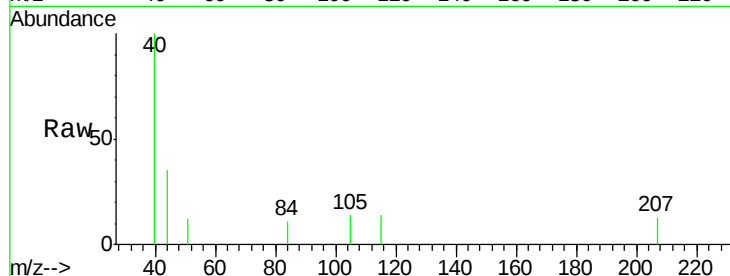
Tgt Ion: 105 Resp: 150

Ion Ratio Lower Upper

105 100

77 0.0 66.3 99.5#

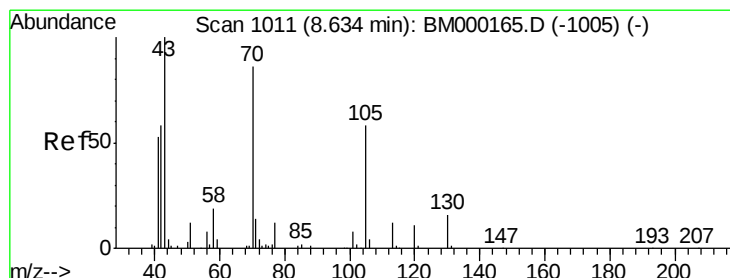
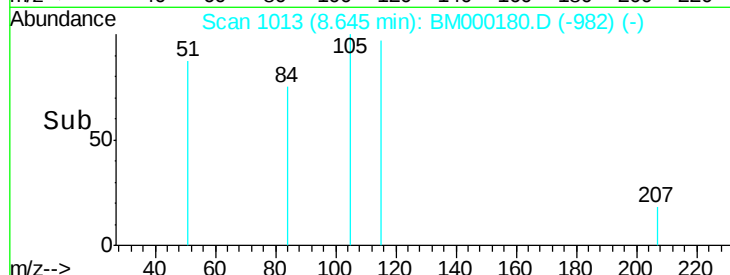
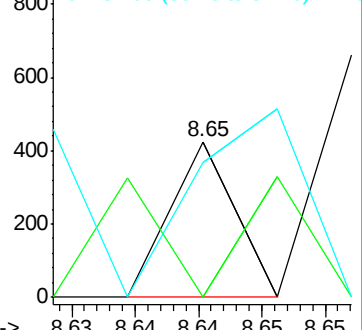
51 86.6 26.5 39.7#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#15

N-Nitroso-di-n-propylamine

Concen: 0.64 ng/ul

RT: 8.53 min Scan# 993

Delta R.T. -0.13 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Tgt Ion: 70 Resp: 4684

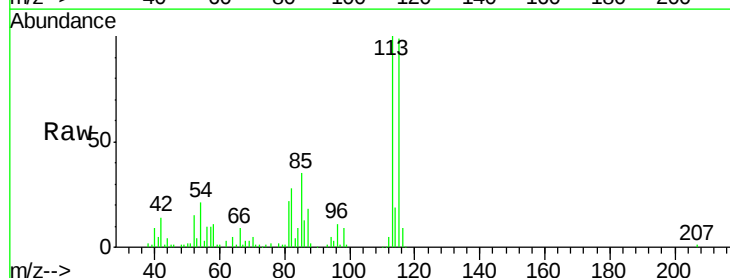
Ion Ratio Lower Upper

70 100

42 277.4 46.4 69.6#

101 0.0 7.8 11.8#

130 0.0 14.6 21.8#

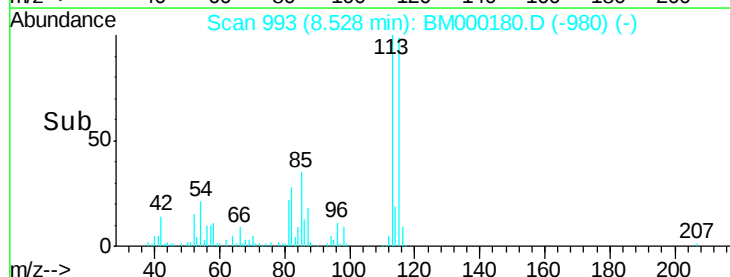
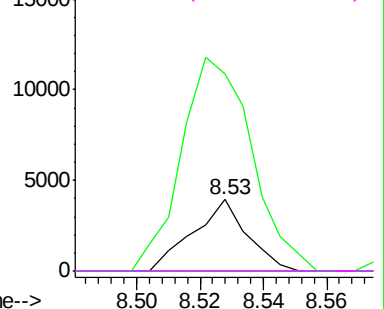


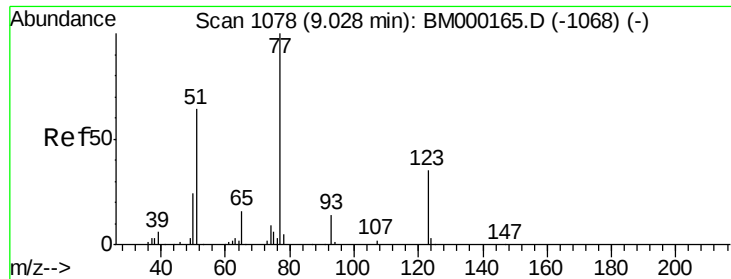
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

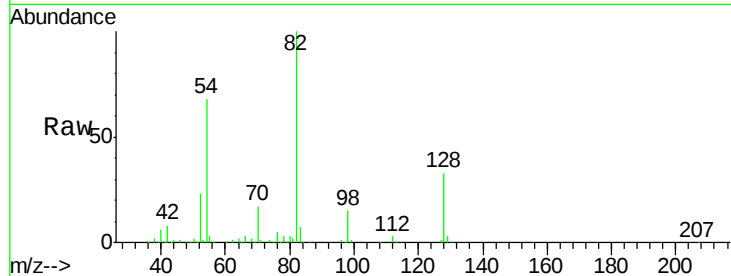




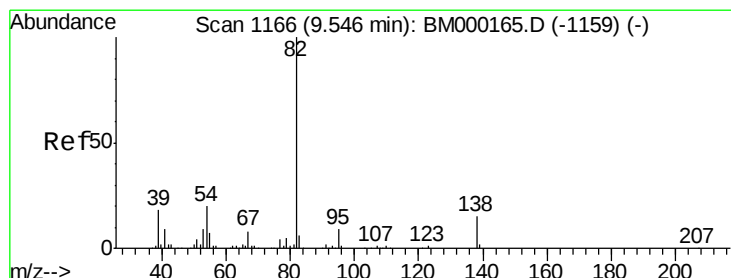
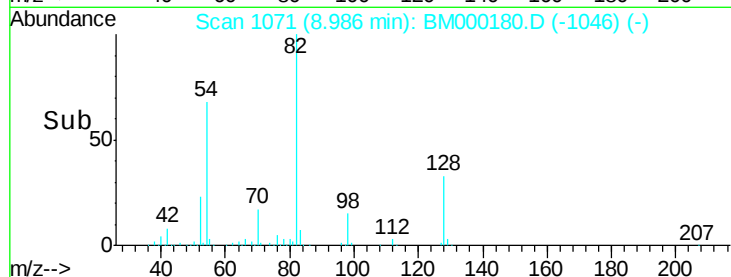
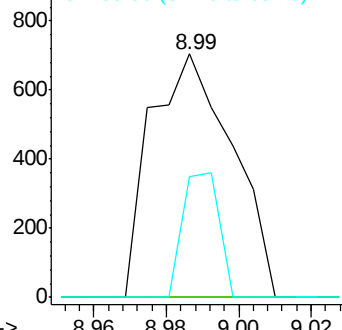
#20  
Nitrobenzene  
Concen: 0.11 ng/ul  
RT: 8.99 min Scan# 1071  
Delta R.T. -0.06 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

Instrument :  
BNA\_M  
ClientSampled :  
C0AP3

Tgt Ion: 77 Resp: 1097  
Ion Ratio Lower Upper  
77 100  
123 0.0 29.2 43.8#  
65 49.5 12.4 18.6#

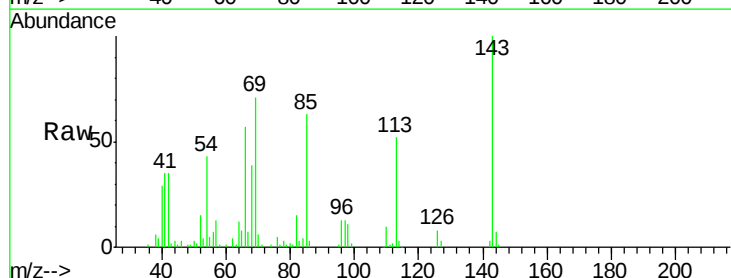


Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM0

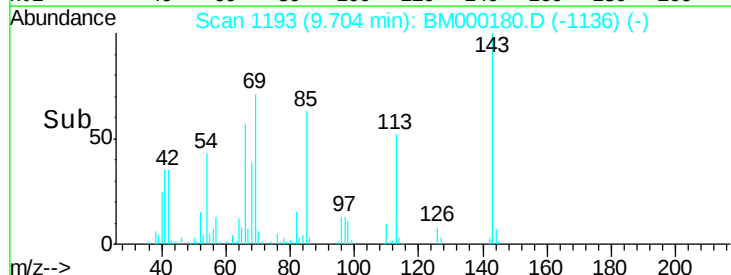
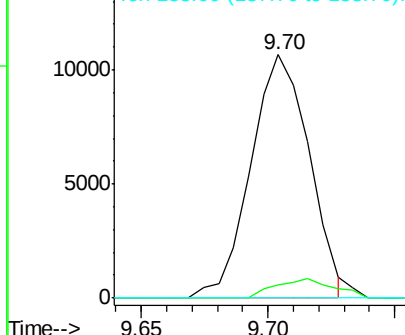


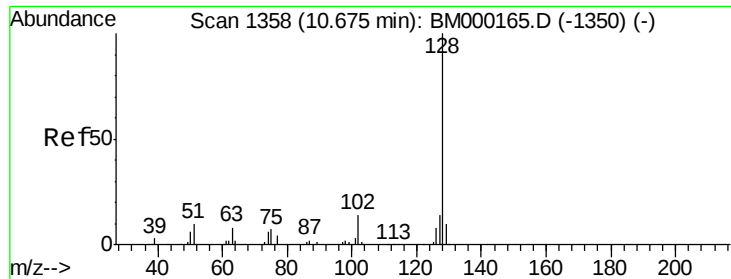
#21  
Isophorone  
Concen: 0.91 ng/ul  
RT: 9.70 min Scan# 1193  
Delta R.T. 0.14 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

Tgt Ion: 82 Resp: 17169  
Ion Ratio Lower Upper  
82 100  
95 5.3 6.9 10.3#  
138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BM0  
Ion 95.00 (94.70 to 95.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#28

Naphthalene

Concen: 0.03 ng/ul

RT: 10.67 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

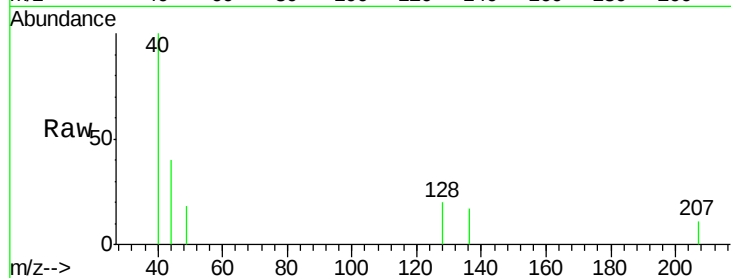
Tgt Ion:128 Resp: 793

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

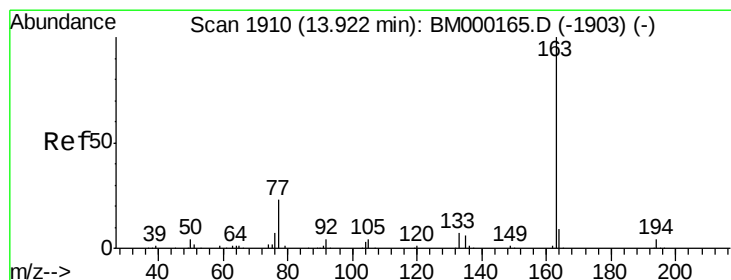
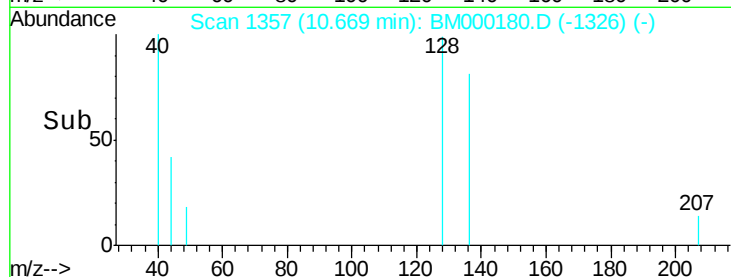
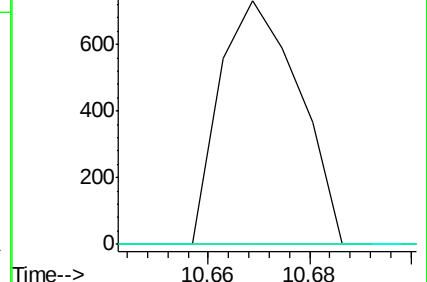
127 0.0 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 2.12 ng/ul

RT: 13.92 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

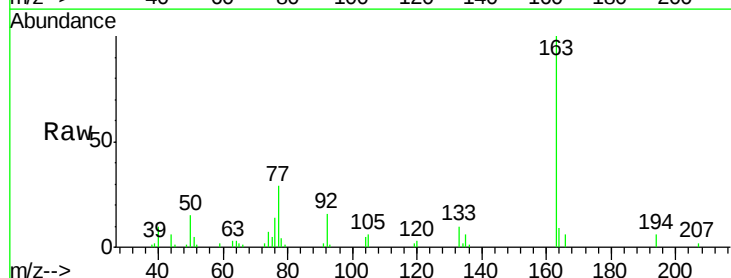
Tgt Ion:163 Resp: 48748

Ion Ratio Lower Upper

163 100

194 5.6 3.0 4.4#

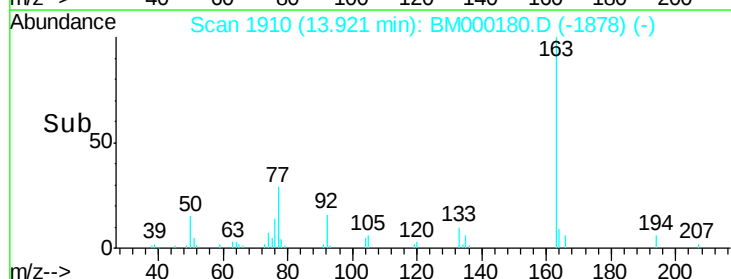
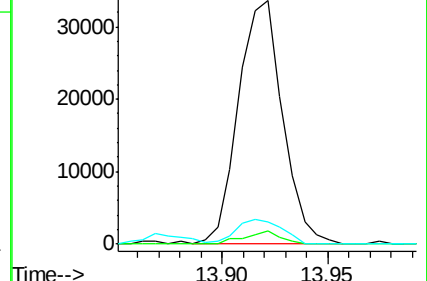
164 8.9 8.5 12.7

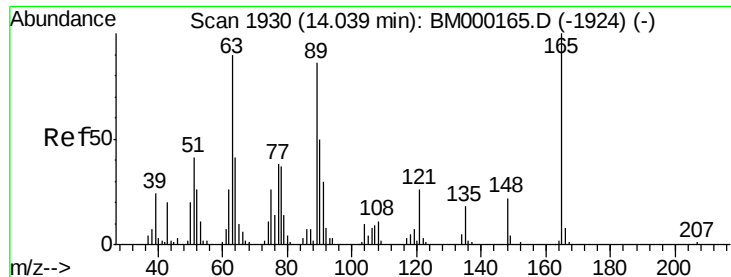


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

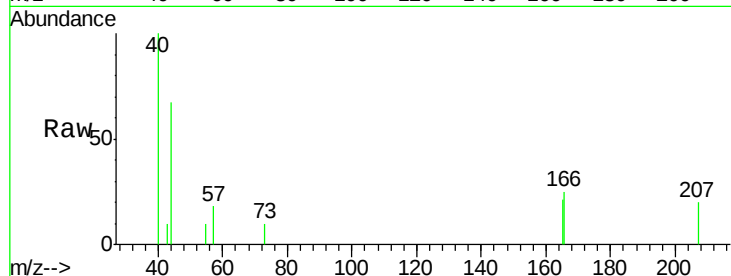




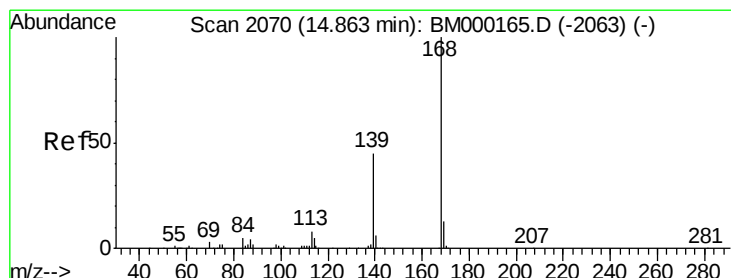
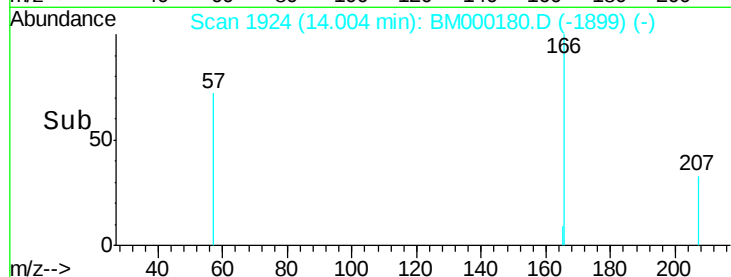
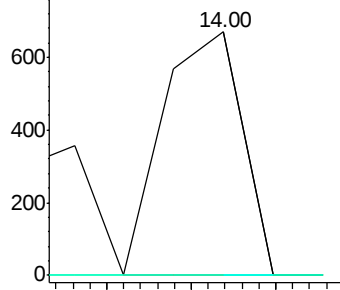
#45  
 2,6-Dinitrotoluene  
 Concen: 0.11 ng/ul  
 RT: 14.00 min Scan# 1924  
 Delta R.T. -0.06 min  
 Lab File: BM000180.D  
 Acq: 13 Jan 2015 22:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AP3

Tgt Ion:165 Resp: 437  
 Ion Ratio Lower Upper  
 165 100  
 89 0.0 54.4 81.6#  
 121 0.0 18.6 28.0#

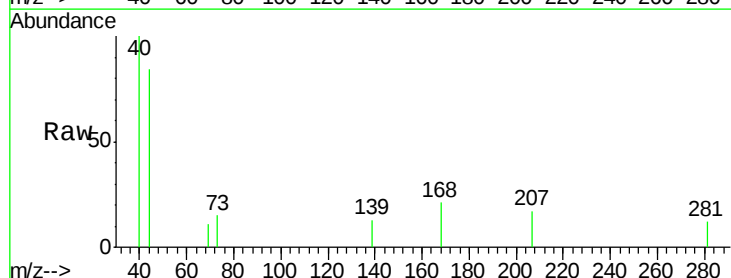


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 89.00 (88.70 to 89.70): BM000165.D (-1924) (-)  
 Ion 121.00 (120.70 to 121.70): E

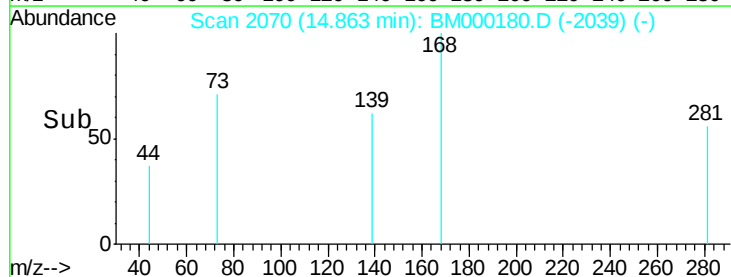
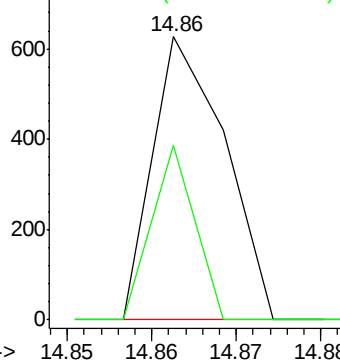


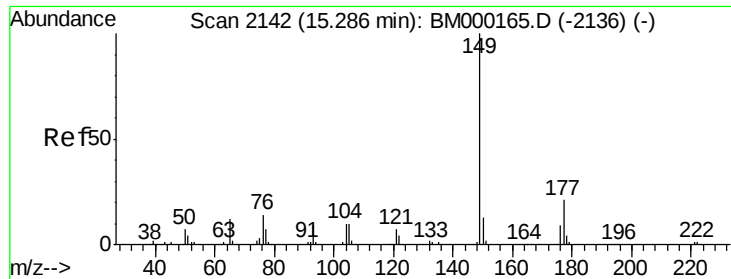
#53  
 Dibenzofuran  
 Concen: 0.01 ng/ul  
 RT: 14.86 min Scan# 2070  
 Delta R.T. -0.02 min  
 Lab File: BM000180.D  
 Acq: 13 Jan 2015 22:22

Tgt Ion:168 Resp: 370  
 Ion Ratio Lower Upper  
 168 100  
 139 61.6 33.6 50.4#



Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E

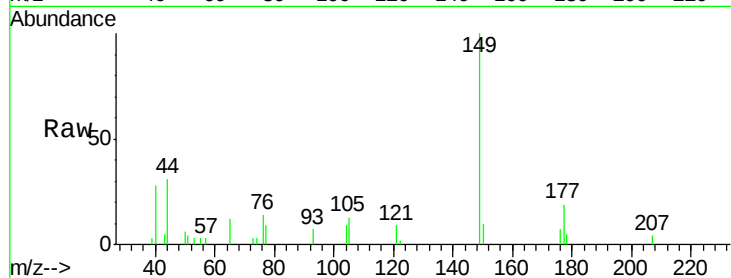




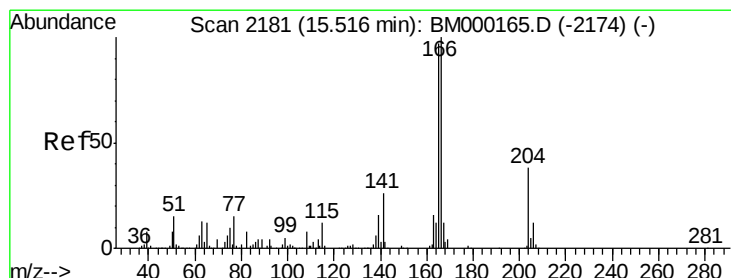
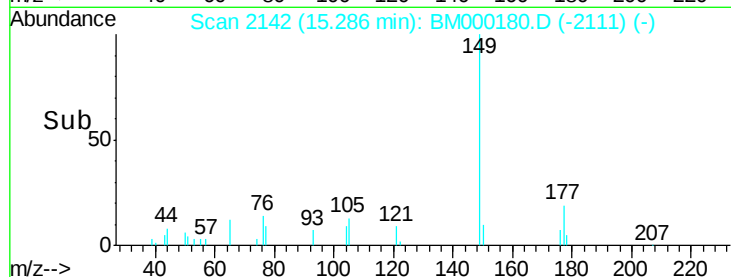
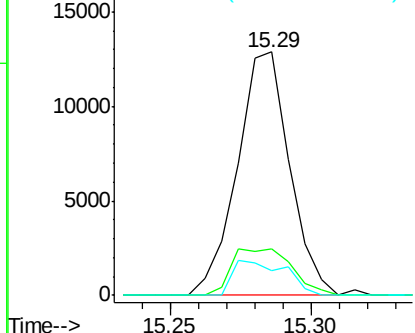
#56  
Diethylphthalate  
Concen: 0.69 ng/ul  
RT: 15.29 min Scan# 2142  
Delta R.T. -0.02 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

Instrument :  
BNA\_M  
ClientSampleId :  
C0AP3

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 19.0  | 17.4  | 26.2  |
| 150     | 10.1  | 10.5  | 15.7# |

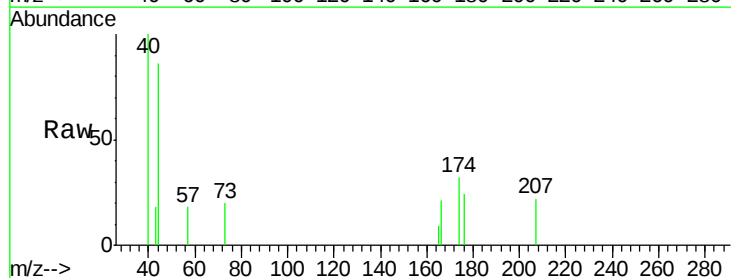


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

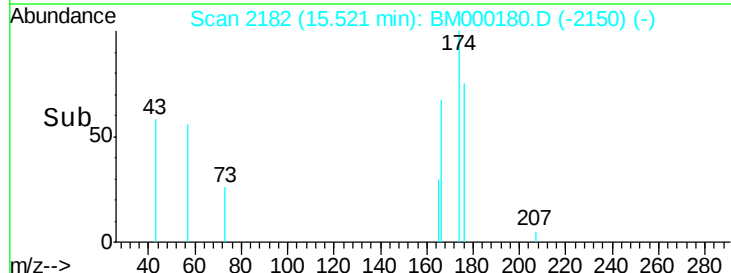
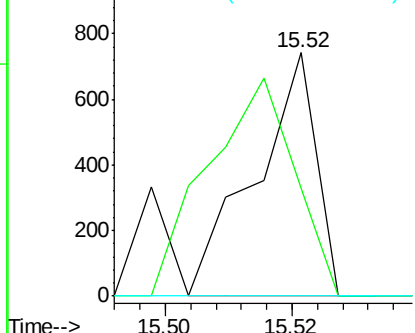


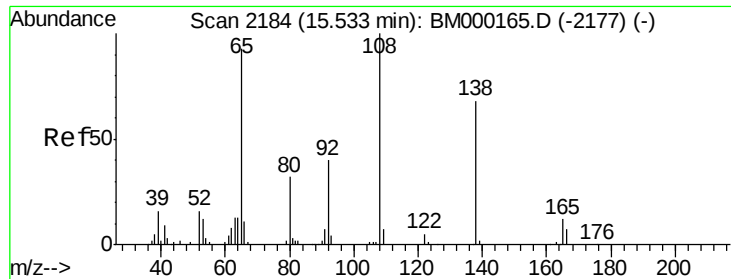
#58  
Fluorene  
Concen: 0.02 ng/ul  
RT: 15.52 min Scan# 2182  
Delta R.T. -0.01 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 166     | 100   |       |        |
| 165     | 44.3  | 76.0  | 114.0# |
| 167     | 0.0   | 10.2  | 15.4#  |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

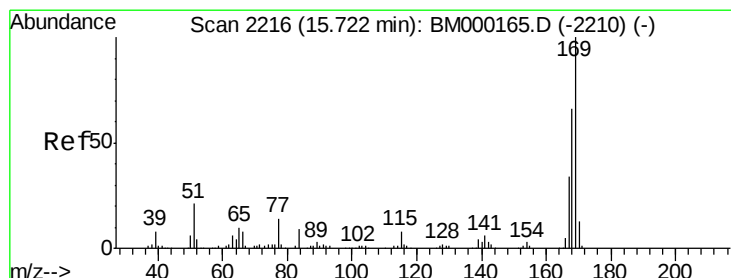
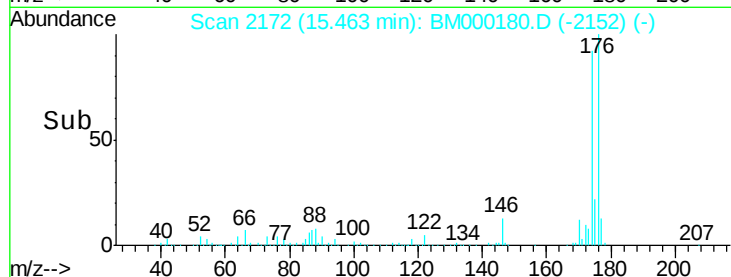
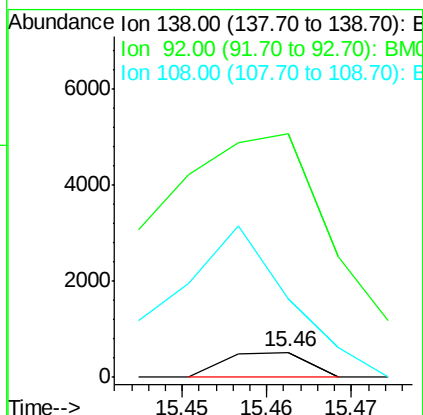
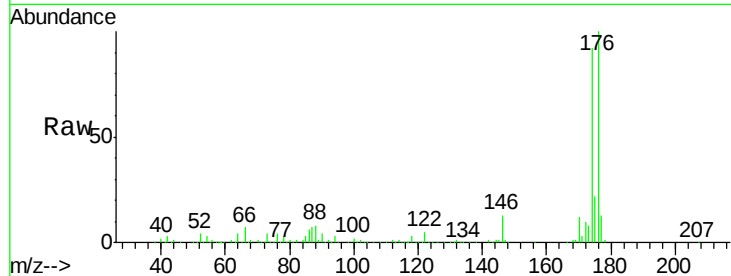




#60  
4-Nitroaniline  
Concen: 0.07 ng/ul  
RT: 15.46 min Scan# 2172  
Delta R.T. -0.08 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

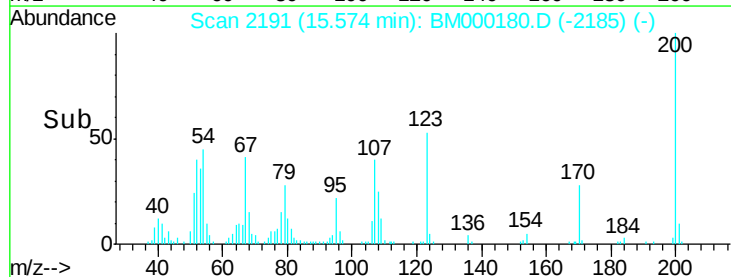
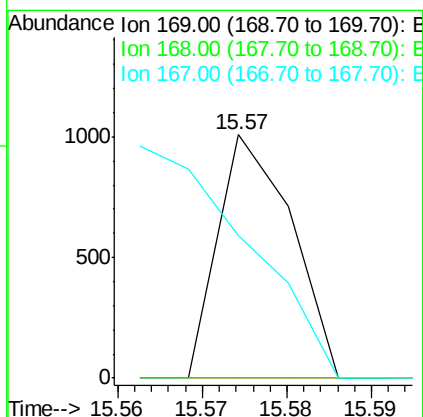
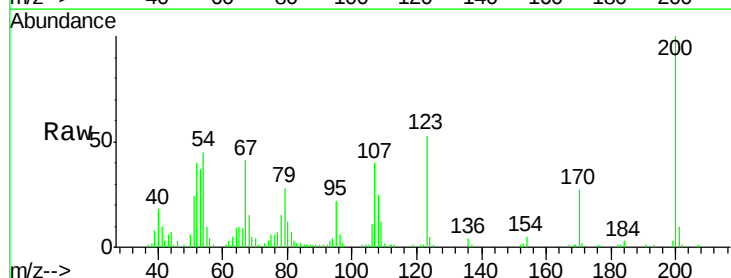
Instrument :  
BNA\_M  
ClientSampleId :  
C0AP3

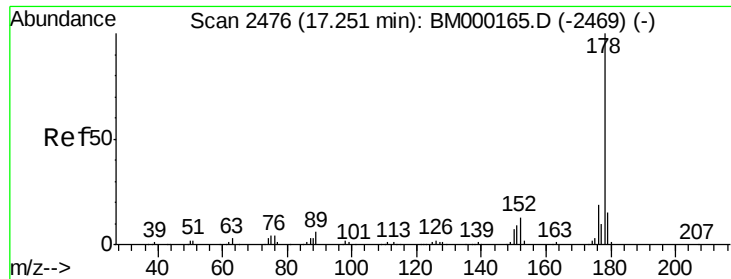
Tgt Ion:138 Resp: 359  
Ion Ratio Lower Upper  
138 100  
92 974.2 49.3 73.9#  
108 312.9 110.3 165.5#



#64  
N-Nitrosodiphenylamine  
Concen: 0.03 ng/ul  
RT: 15.57 min Scan# 2191  
Delta R.T. -0.17 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

Tgt Ion:169 Resp: 608  
Ion Ratio Lower Upper  
169 100  
168 0.0 51.8 77.6#  
167 58.4 28.1 42.1#





#69

Phenanthrene

Concen: 0.15 ng/ul

RT: 17.24 min Scan# 2475

Delta R.T. -0.03 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

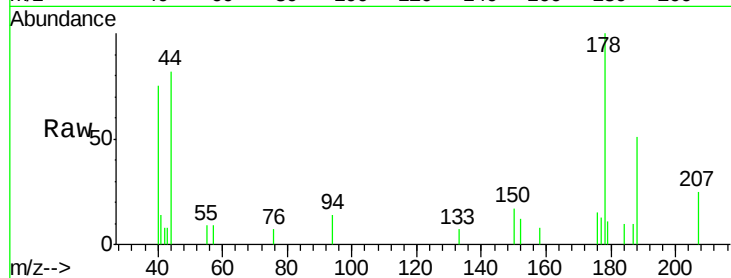
Tgt Ion:178 Resp: 5231

Ion Ratio Lower Upper

178 100

179 11.1 11.6 17.4#

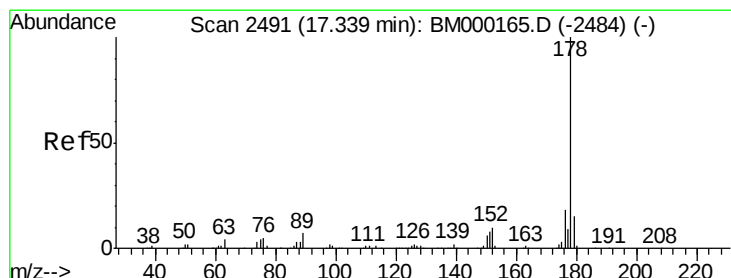
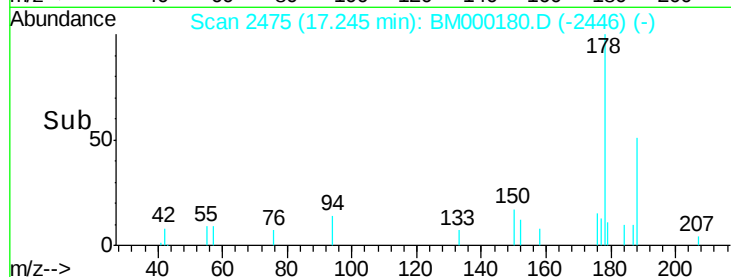
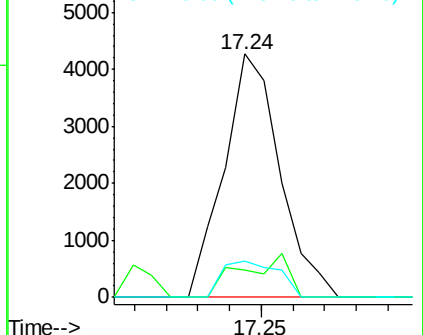
176 15.1 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.02 ng/ul

RT: 17.34 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

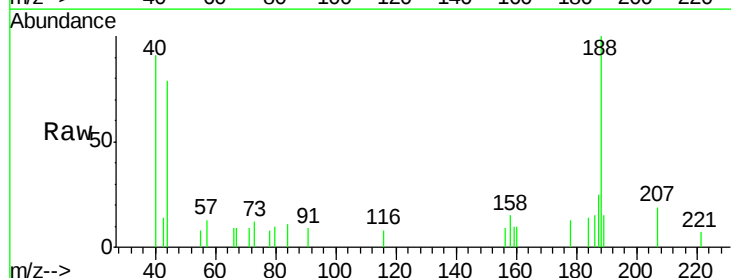
Tgt Ion:178 Resp: 661

Ion Ratio Lower Upper

178 100

179 0.0 12.6 18.8#

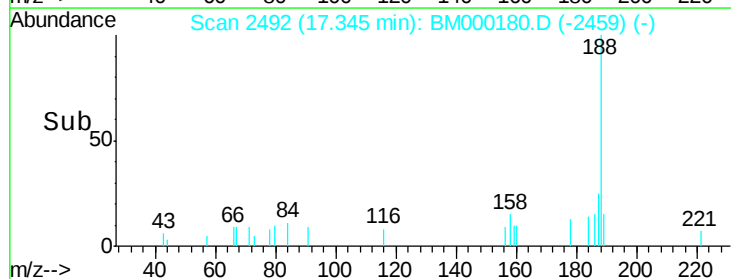
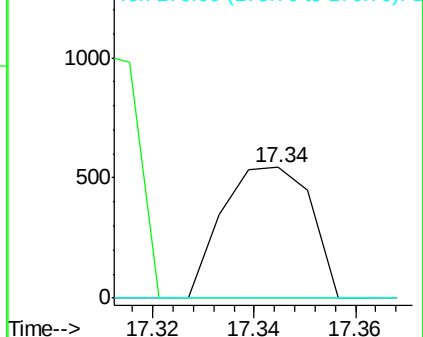
176 0.0 14.6 21.8#

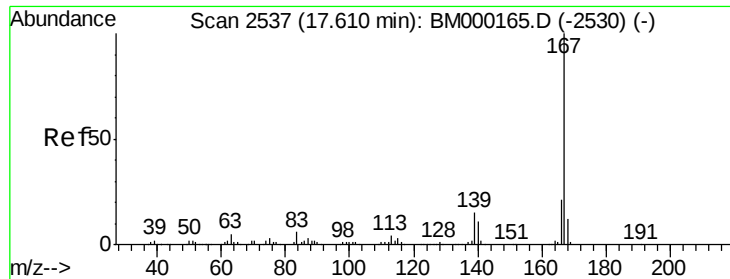


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.06 ng/ul

RT: 17.61 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

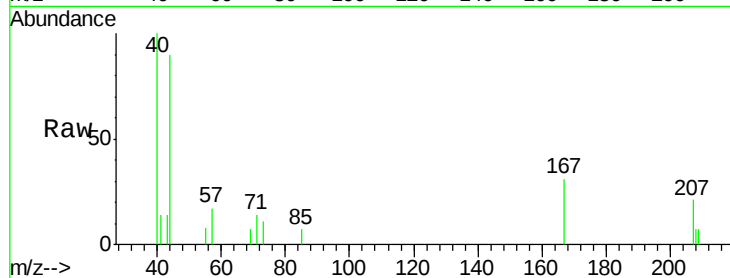
Tgt Ion:167 Resp: 1858

Ion Ratio Lower Upper

167 100

166 0.0 16.2 24.4#

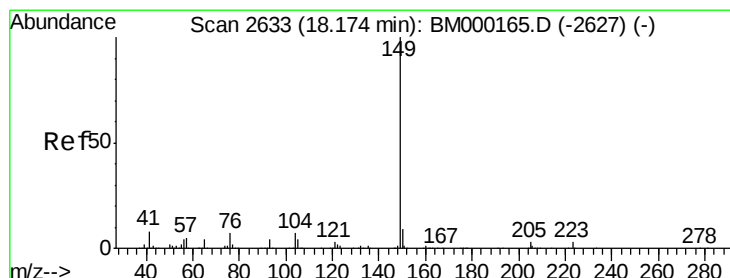
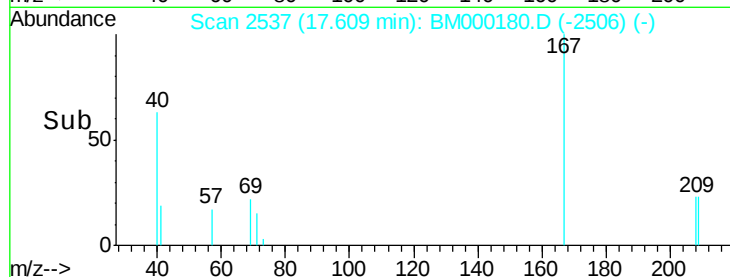
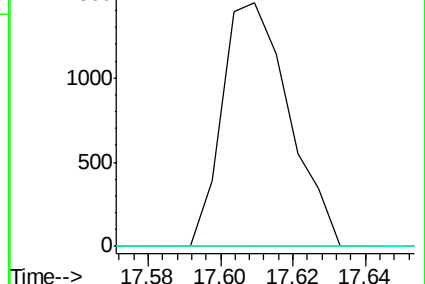
139 0.0 10.7 16.1#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.12 ng/ul

RT: 18.17 min Scan# 2632

Delta R.T. -0.03 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

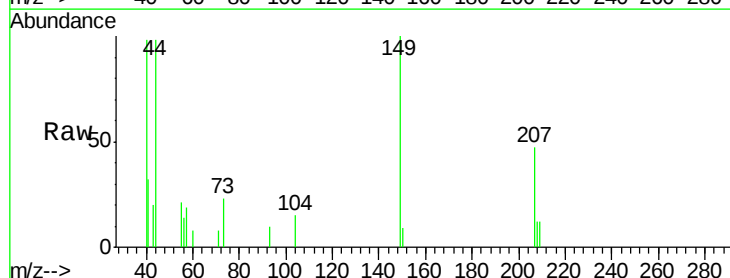
Tgt Ion:149 Resp: 4463

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

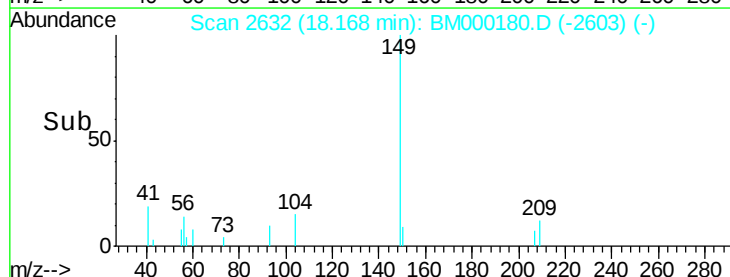
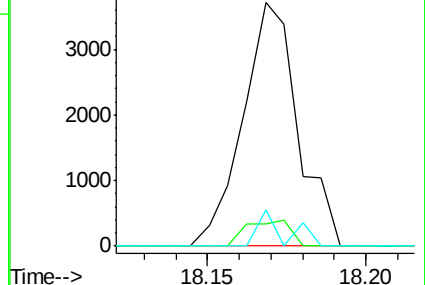
104 14.9 4.8 7.2#

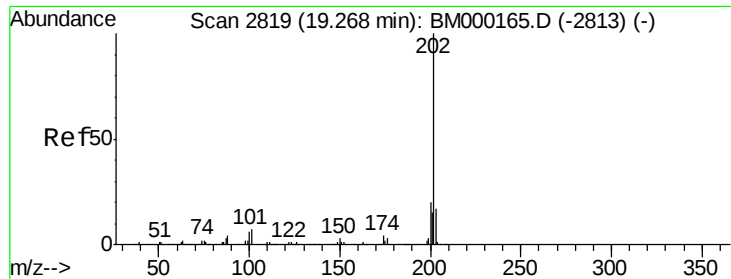


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.10 ng/ul

RT: 19.26 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

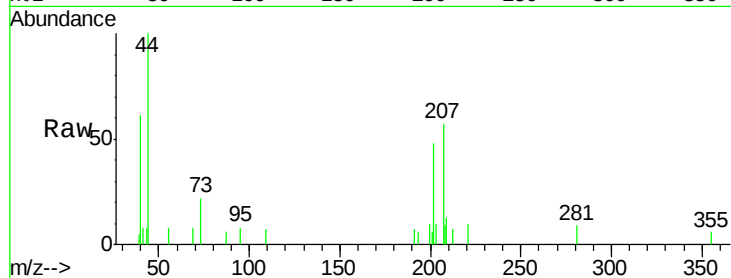
Tgt Ion:202 Resp: 3830

Ion Ratio Lower Upper

202 100

101 0.0 6.4 9.6#

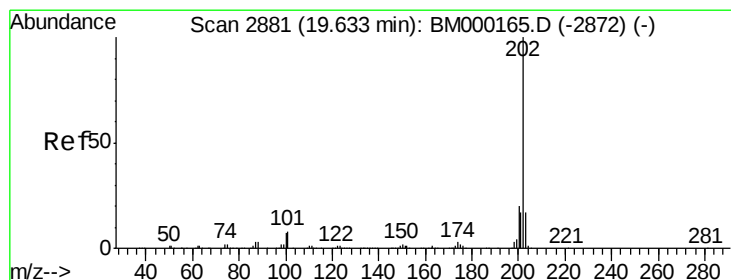
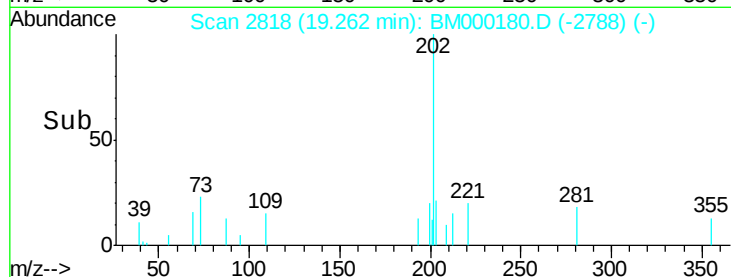
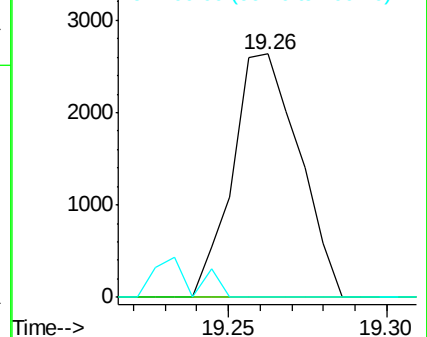
100 0.0 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 0.07 ng/ul

RT: 19.63 min Scan# 2880

Delta R.T. -0.02 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

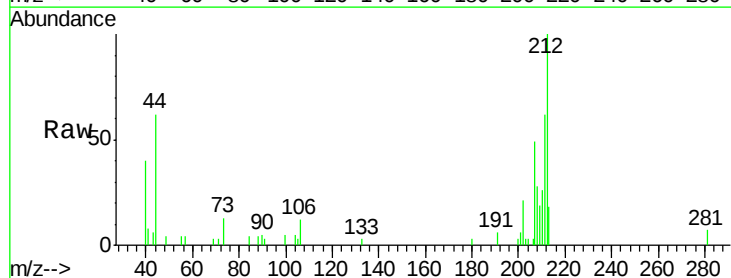
Tgt Ion:202 Resp: 3064

Ion Ratio Lower Upper

202 100

101 0.0 6.9 10.3#

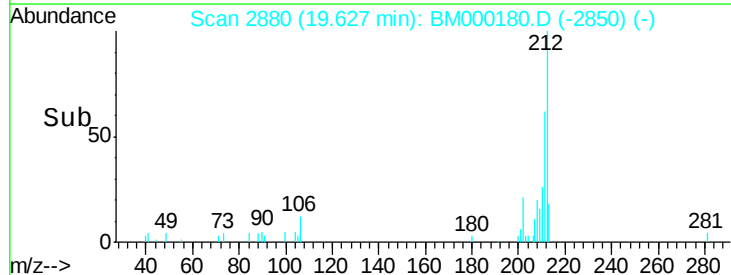
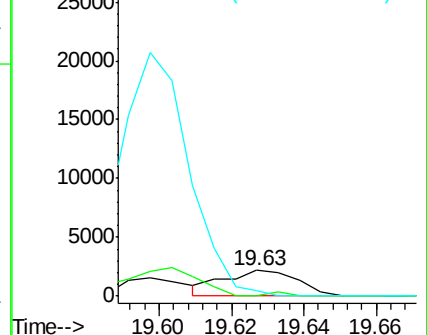
100 23.6 5.5 8.3#

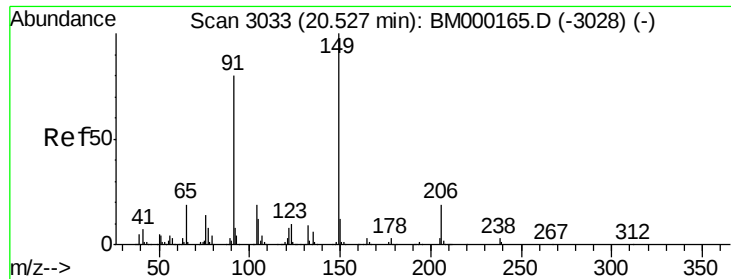


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

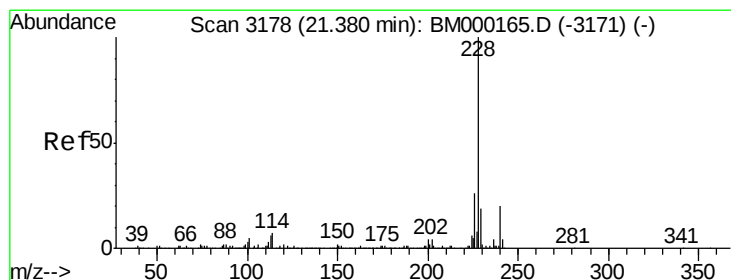
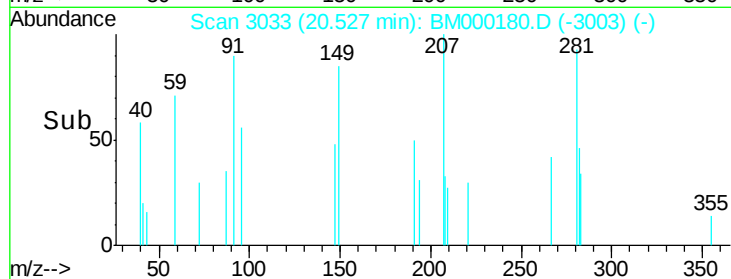
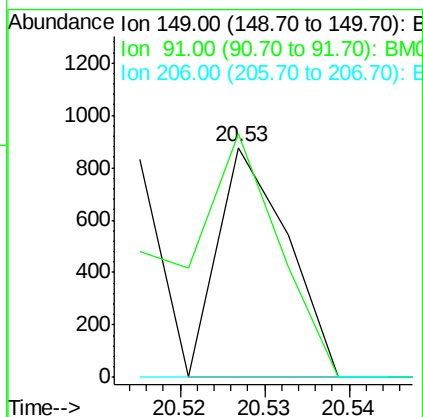
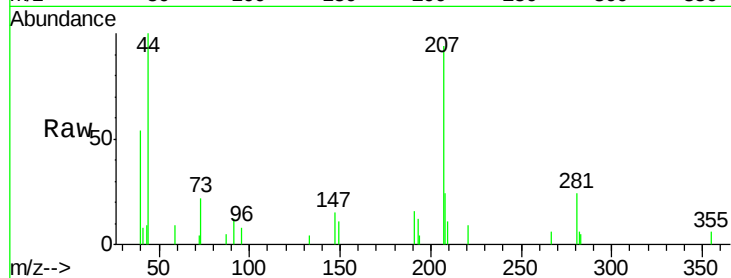




#78  
Butylbenzylphthalate  
Concen: 0.03 ng/u1  
RT: 20.53 min Scan# 3033  
Delta R.T. -0.02 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

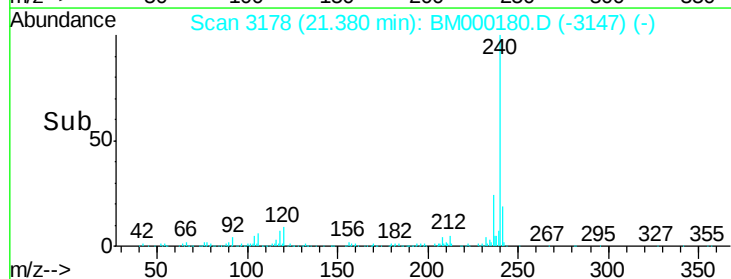
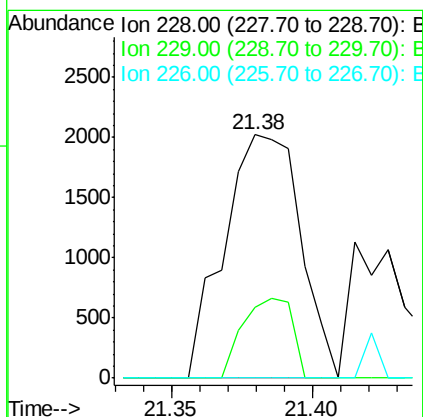
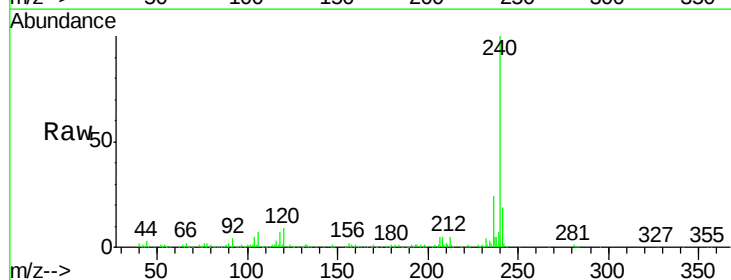
Instrument :  
BNA\_M  
ClientSampleId :  
C0AP3

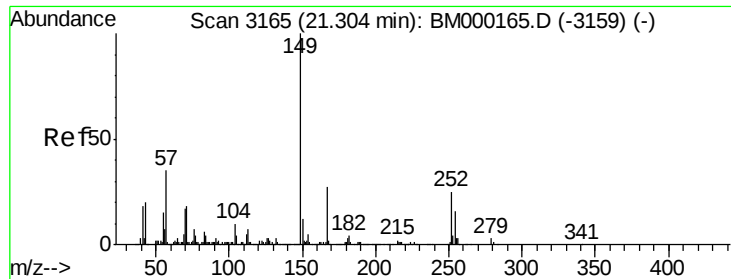
Tgt Ion:149 Resp: 503  
Ion Ratio Lower Upper  
149 100  
91 105.8 56.6 84.8#  
206 0.0 16.8 25.2#



#80  
Benzo(a)anthracene  
Concen: 0.09 ng/u1  
RT: 21.38 min Scan# 3178  
Delta R.T. -0.02 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

Tgt Ion:228 Resp: 3789  
Ion Ratio Lower Upper  
228 100  
229 29.1 15.8 23.8#  
226 0.0 20.7 31.1#





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng/ul

RT: 21.30 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

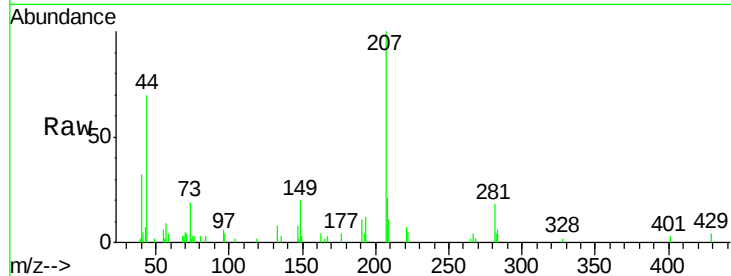
Tgt Ion:149 Resp: 3336

Ion Ratio Lower Upper

149 100

167 15.5 22.1 33.1#

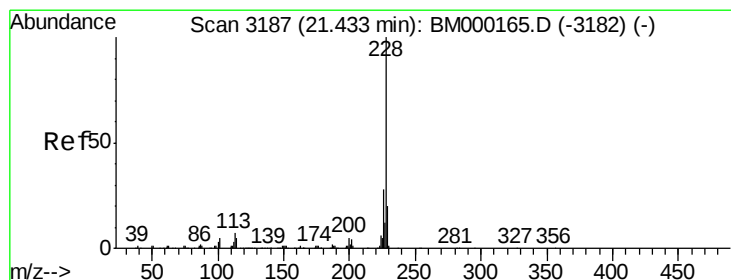
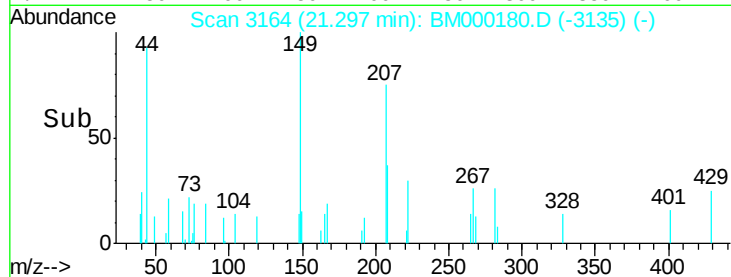
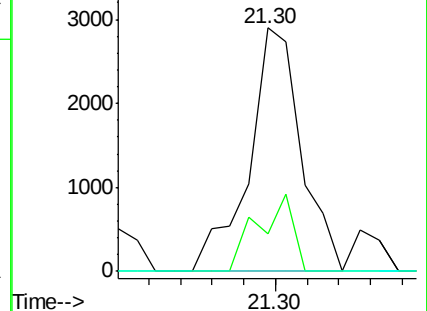
279 0.0 3.0 4.6#



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



#82

Chrysene

Concen: 0.04 ng/ul

RT: 21.42 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

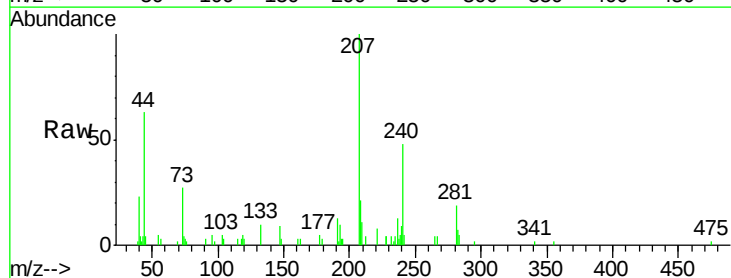
Tgt Ion:228 Resp: 1445

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

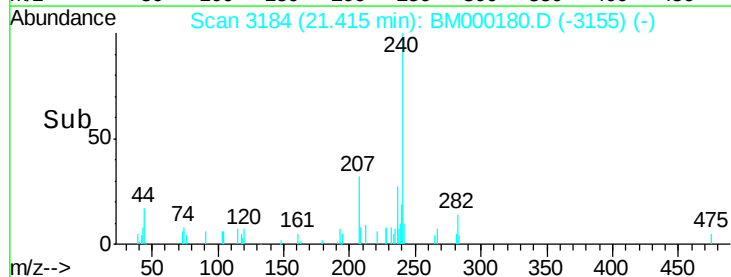
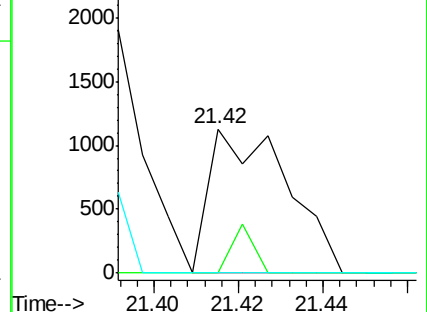
229 0.0 15.6 23.4#

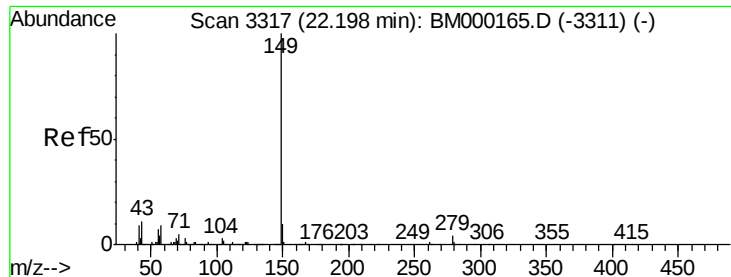


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.22 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

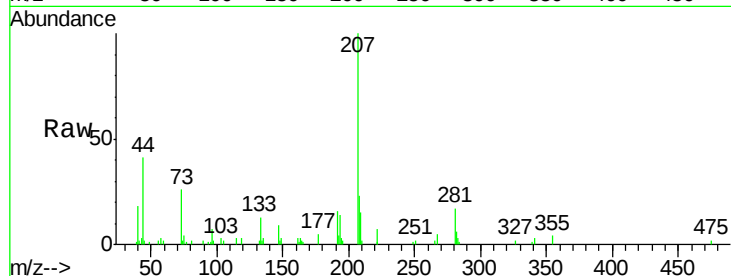
Instrument :

BNA\_M

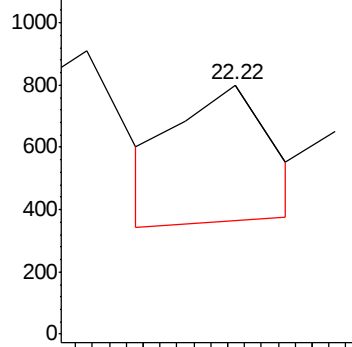
ClientSampleId :

C0AP3

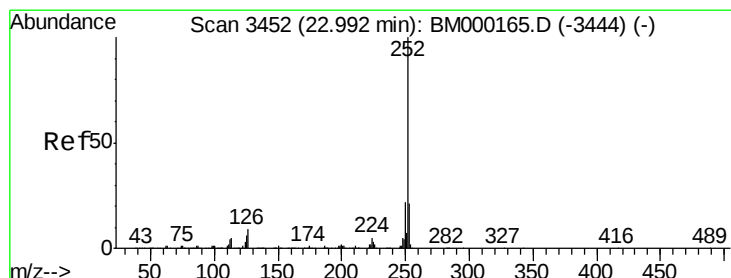
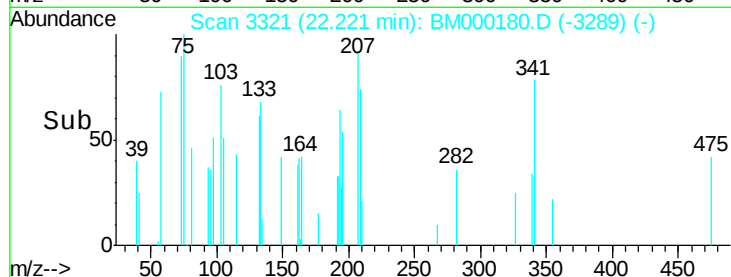
Tgt Ion:149 Resp: 341



Abundance Ion 149.00 (148.70 to 149.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.99 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

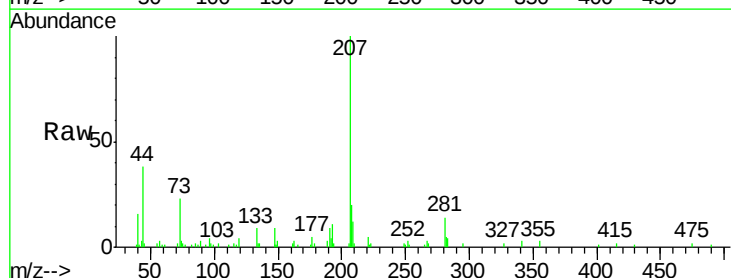
Tgt Ion:252 Resp: 899

Ion Ratio Lower Upper

252 100

253 43.6 17.1 25.7#

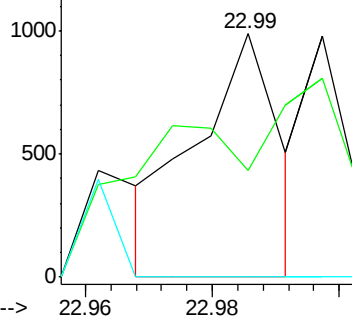
125 0.0 4.8 7.2#



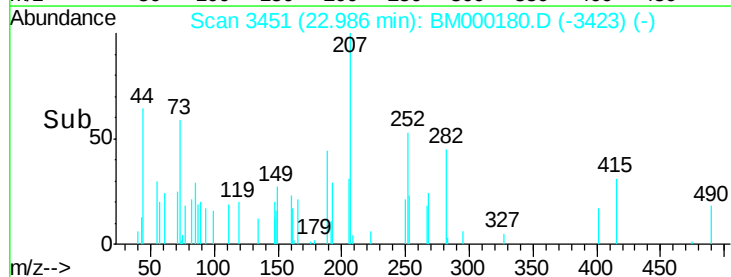
Abundance Ion 252.00 (251.70 to 252.70): E

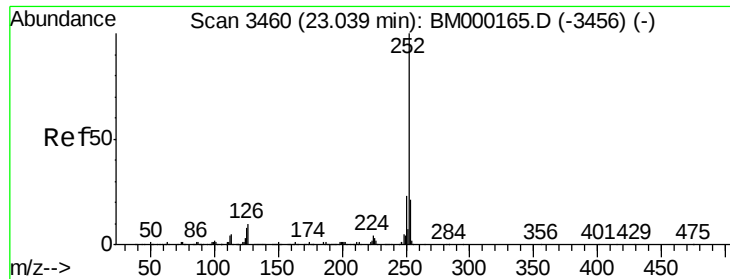
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

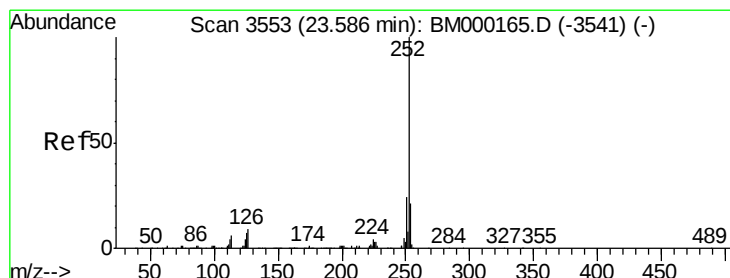
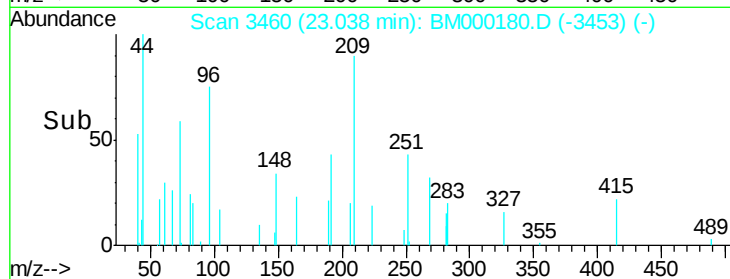
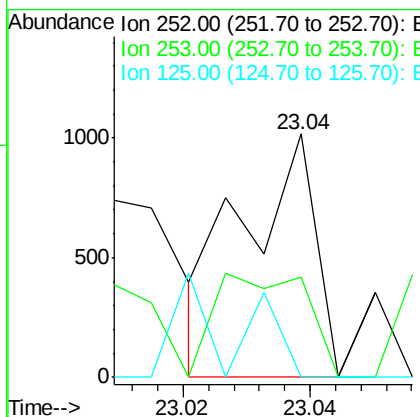
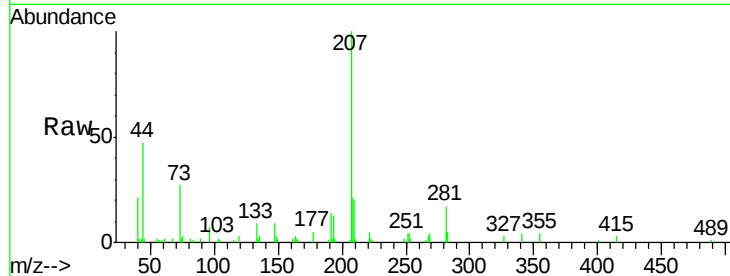




#86  
Benzo(k)fluoranthene  
Concen: 0.02 ng/ul  
RT: 23.04 min Scan# 3460  
Delta R.T. -0.03 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

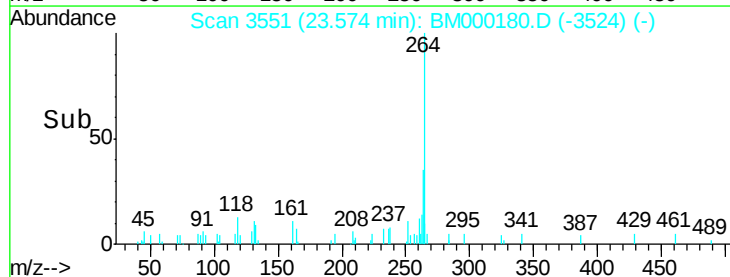
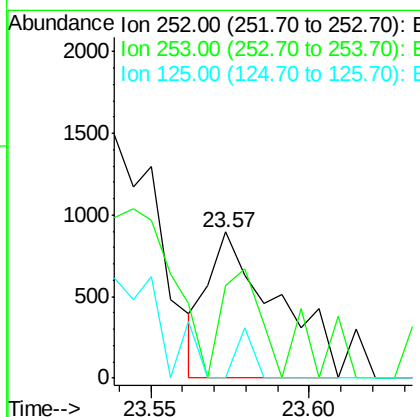
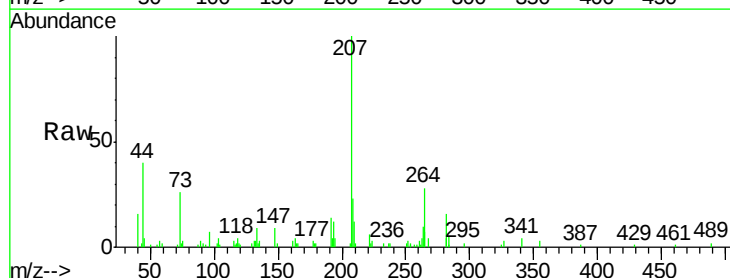
Instrument :  
BNA\_M  
ClientSampleId :  
C0AP3

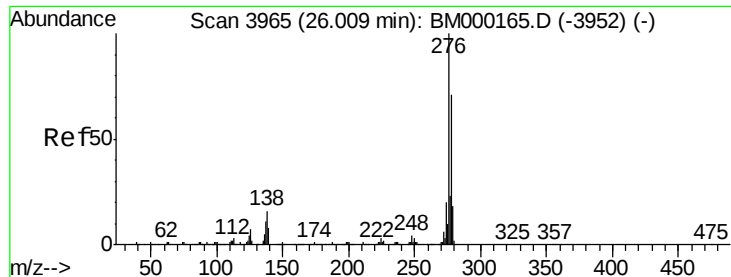
Tgt Ion:252 Resp: 806  
Ion Ratio Lower Upper  
252 100  
253 41.0 17.2 25.8#  
125 0.0 4.9 7.3#



#88  
Benzo(a)pyrene  
Concen: 0.04 ng/ul  
RT: 23.57 min Scan# 3551  
Delta R.T. -0.04 min  
Lab File: BM000180.D  
Acq: 13 Jan 2015 22:22

Tgt Ion:252 Resp: 1338  
Ion Ratio Lower Upper  
252 100  
253 63.2 17.0 25.6#  
125 0.0 5.8 8.6#





#89

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 26.03 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

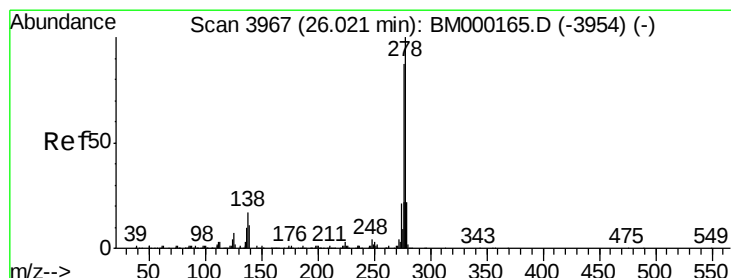
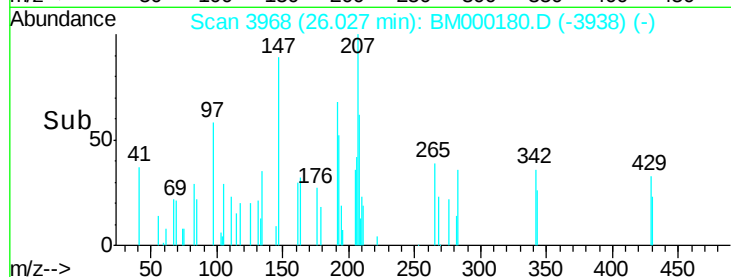
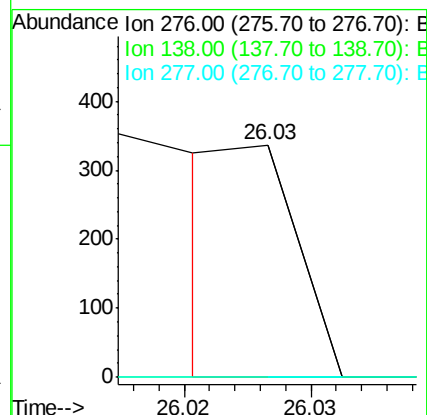
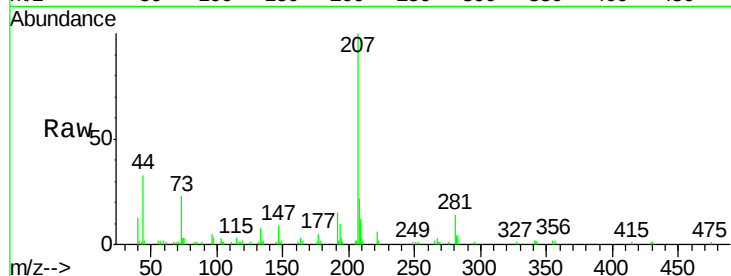
Tgt Ion:276 Resp: 119

Ion Ratio Lower Upper

276 100

138 0.0 14.2 21.2#

277 0.0 18.8 28.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 26.02 min Scan# 3967

Delta R.T. -0.04 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

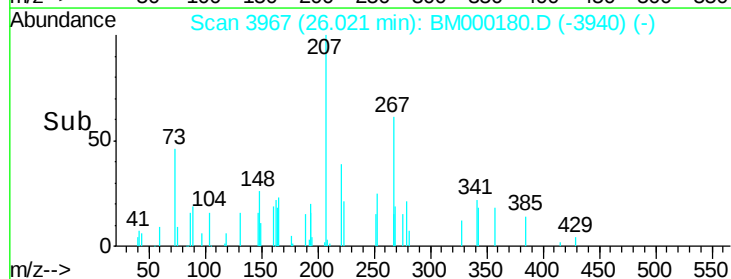
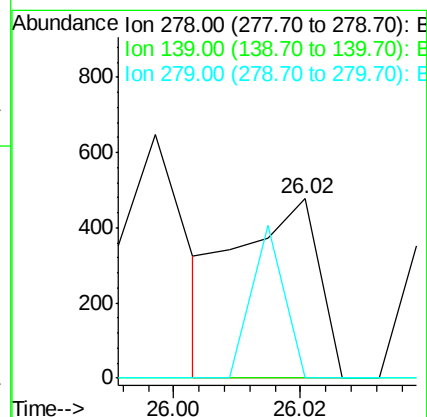
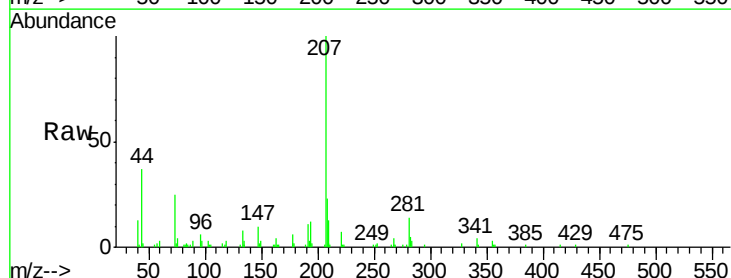
Tgt Ion:278 Resp: 420

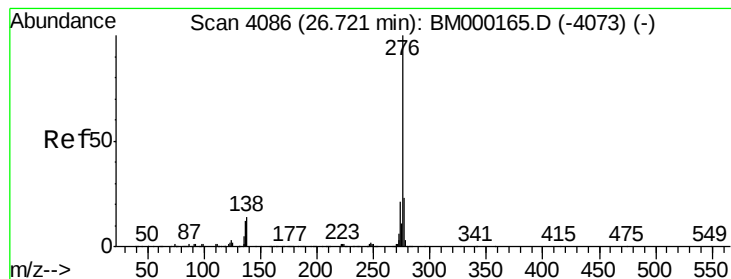
Ion Ratio Lower Upper

278 100

139 0.0 10.2 15.2#

279 0.0 19.2 28.8#





#91

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.73 min Scan# 4087

Delta R.T. -0.04 min

Lab File: BM000180.D

Acq: 13 Jan 2015 22:22

Instrument :

BNA\_M

ClientSampleId :

C0AP3

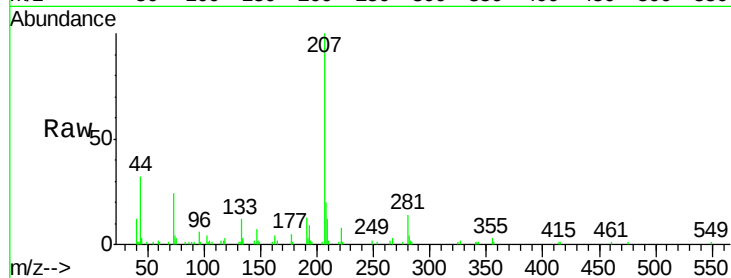
Tgt Ion: 276 Resp: 346

Ion Ratio Lower Upper

276 100

138 0.0 12.1 18.1#

277 0.0 19.0 28.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

