

Data Path : Z:\HPCHEM1\BNA M\Data\BM031616\  
 Data File : BM004629.D  
 Acq On : 16 Mar 2016 10:48  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 17 00:54:48 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 16 07:32:20 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 68866    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 291754   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.47 | 164  | 161633   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.22 | 188  | 357301   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.40 | 240  | 415979   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.70 | 264  | 414848   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.33  | 96  | 16133  | 8.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.00  | 99  | 116528 | 20.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.17  | 67  | 65949  | 20.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.37  | 132 | 92959  | 20.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.54  | 113 | 89573  | 19.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 39199  | 19.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 42031  | 19.18 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.25 | 165 | 86281  | 20.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.77 | 131 | 116585 | 22.66 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.89 | 166 | 245152 | 19.40 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.17 | 160 | 316219 | 20.41 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.66 | 143 | 44544  | 18.24 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.47 | 176 | 220943 | 20.06 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 31622  | 16.84 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.32 | 188 | 337756 | 20.53 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.61 | 212 | 379474 | 19.98 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.55 | 264 | 373090 | 20.14 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.37  | 88  | 19140  | 8.22  | ng/uL  | 92     |
| 4) Benzaldehyde                | 6.99  | 77  | 65144  | 20.76 | ng/ul  | 99     |
| 6) Phenol                      | 7.03  | 94  | 123644 | 20.77 | ng/ul  | 98     |
| 8) Bis(2-Chloroethyl)ether     | 7.27  | 93  | 96381  | 20.80 | ng/ul  | 96     |
| 10) 2-Chlorophenol             | 7.40  | 128 | 98099  | 20.40 | ng/ul  | 95     |
| 11) 2-Methylphenol             | 8.27  | 108 | 90823  | 19.85 | ng/ul  | 97     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.37  | 45  | 112663 | 20.32 | ng/ul# | 91     |
| 14) Acetophenone               | 8.66  | 105 | 146045 | 20.52 | ng/ul  | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.65  | 70  | 68459  | 18.93 | ng/ul  | 94     |
| 16) 4-Methylphenol             | 8.60  | 108 | 101325 | 20.11 | ng/ul  | 98     |
| 17) Hexachloroethane           | 8.92  | 117 | 37198  | 19.47 | ng/ul  | 97     |
| 20) Nitrobenzene               | 9.04  | 77  | 102052 | 20.38 | ng/ul  | 96     |
| 21) Isophorone                 | 9.56  | 82  | 185576 | 19.35 | ng/ul  | 98     |
| 23) 2-Nitrophenol              | 9.75  | 139 | 48259  | 19.88 | ng/ul  | 95     |
| 24) 2,4-Dimethylphenol         | 9.80  | 107 | 107570 | 20.23 | ng/ul  | 99     |
| 25) Bis(2-Chloroethoxy)methane | 10.05 | 93  | 123208 | 19.91 | ng/ul  | 99     |
| 27) 2,4-Dichlorophenol         | 10.28 | 162 | 89493  | 20.21 | ng/ul  | 99     |
| 28) Naphthalene                | 10.69 | 128 | 310256 | 20.39 | ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.79 | 127 | 123610 | 22.87 | ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 10.97 | 225 | 54151  | 20.49 | ng/ul  | 98     |
| 32) Caprolactam                | 11.55 | 113 | 26194  | 17.66 | ng/ul  | 82     |
| 33) 4-Chloro-3-methylphenol    | 11.91 | 107 | 95075  | 18.97 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene        | 12.30 | 142 | 218302 | 20.15 | ng/ul  | 100    |

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 Data File : BM004629.D  
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 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 17 00:54:48 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 16 07:32:20 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.52 | 142  | 209836   | 20.16 | ng/ul  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.66 | 216  | 107133   | 20.75 | ng/ul  | 99       |
| 38) Hexachlorocyclopentadiene  | 12.65 | 237  | 51866    | 18.55 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.90 | 196  | 66861    | 19.61 | ng/ul  | 100      |
| 40) 2,4,5-Trichlorophenol      | 12.97 | 196  | 72780    | 19.78 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.31 | 154  | 276073   | 20.45 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 13.35 | 162  | 208920   | 20.58 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 13.55 | 65   | 50243    | 18.38 | ng/ul  | 91       |
| 45) Dimethylphthalate          | 13.93 | 163  | 253580   | 19.77 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 14.05 | 165  | 43912    | 19.23 | ng/ul  | 89       |
| 48) Acenaphthylene             | 14.20 | 152  | 339513   | 20.40 | ng/ul  | 100      |
| 49) 3-Nitroaniline             | 14.38 | 138  | 50567    | 20.50 | ng/ul  | 93       |
| 50) Acenaphthene               | 14.54 | 153  | 228635   | 20.40 | ng/ul  | 100      |
| 51) 2,4-Dinitrophenol          | 14.58 | 184  | 19579    | 15.06 | ng/ul  | 91       |
| 53) 4-Nitrophenol              | 14.68 | 109  | 37665    | 19.02 | ng/ul  | 93       |
| 54) Dibenzofuran               | 14.87 | 168  | 323670   | 20.29 | ng/ul  | 96       |
| 55) 2,4-Dinitrotoluene         | 14.84 | 165  | 67017    | 19.46 | ng/ul  | 94       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.10 | 232  | 62434    | 19.27 | ng/ul  | 97       |
| 57) Diethylphthalate           | 15.30 | 149  | 251653   | 19.26 | ng/ul  | 100      |
| 59) Fluorene                   | 15.53 | 166  | 261026   | 20.49 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.52 | 204  | 122828   | 20.22 | ng/ul  | 93       |
| 61) 4-Nitroaniline             | 15.54 | 138  | 54694    | 20.61 | ng/ul  | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.60 | 198  | 35577    | 17.44 | ng/ul# | 97       |
| 65) N-Nitrosodiphenylamine     | 15.73 | 169  | 221300   | 20.45 | ng/ul  | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.42 | 248  | 72942    | 20.27 | ng/ul  | 93       |
| 67) Hexachlorobenzene          | 16.53 | 284  | 82324    | 20.38 | ng/ul  | 94       |
| 68) Atrazine                   | 16.68 | 200  | 75620    | 19.77 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 16.87 | 266  | 48755    | 18.61 | ng/ul  | 98       |
| 70) Phenanthrene               | 17.26 | 178  | 418170   | 20.48 | ng/ul  | 99       |
| 72) Anthracene                 | 17.35 | 178  | 426829   | 20.76 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.27 | 216  | 103569   | 21.07 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.79 | 250  | 98544    | 20.77 | ng/uL  | 99       |
| 75) Carbazole                  | 17.62 | 167  | 391329   | 21.29 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.19 | 149  | 411058   | 15.77 | ng/ul  | 100      |
| 77) Fluoranthene               | 19.27 | 202  | 478331   | 21.22 | ng/ul  | 98       |
| 80) Pvrene                     | 19.64 | 202  | 513604   | 20.37 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 20.54 | 149  | 183601   | 18.21 | ng/ul  | 93       |
| 82) 3,3'-Dichlorobenzidine     | 21.32 | 252  | 144810   | 22.54 | ng/ul  | 98       |
| 83) Benzo(a)anthracene         | 21.39 | 228  | 496604   | 20.45 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.32 | 149  | 280066   | 19.54 | ng/ul# | 98       |
| 85) Chrysene                   | 21.44 | 228  | 473052   | 20.40 | ng/ul  | 100      |
| 87) Di-n-octyl phthalate       | 22.22 | 149  | 494622   | 19.95 | ng/ul  | 97       |
| 88) Benzo(b)fluoranthene       | 23.01 | 252  | 482884   | 19.52 | ng/ul  | 100      |
| 89) Benzo(k)fluoranthene       | 23.05 | 252  | 490089   | 20.84 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 23.60 | 252  | 479592   | 20.23 | ng/ul  | 100      |
| 92) Indeno(1,2,3-cd)pyrene     | 26.03 | 276  | 533625   | 20.02 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene     | 26.04 | 278  | 441736   | 20.03 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 26.74 | 276  | 446022   | 19.76 | ng/ul  | 99       |

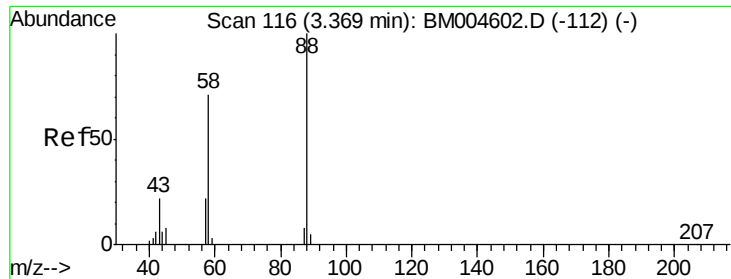
Data Path : Z:\HPCHEM1\BNA M\Data\BM031616\  
Data File : BM004629.D  
Acq On : 16 Mar 2016 10:48  
Operator : UM/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Mar 17 00:54:48 2016  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 16 07:32:20 2016  
Response via : Initial Calibration

| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 8.22 ng/uL

RT: 3.37 min Scan# 116

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

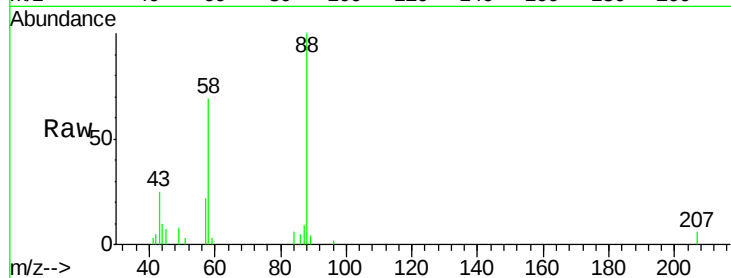
Tot Ion: 88 Resp: 19140

Ion Ratio Lower Upper

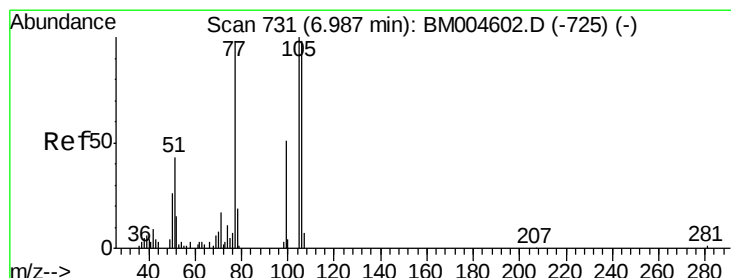
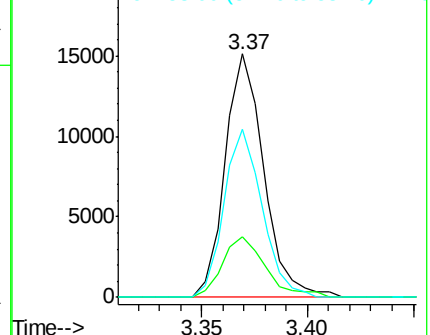
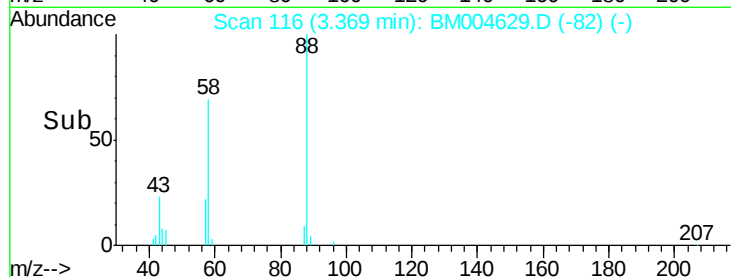
88 100

43 27.2 21.0 31.6

58 68.3 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004629.D (-82) (-)



#4

Benzaldehyde

Concen: 20.76 ng/uL

RT: 6.99 min Scan# 731

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

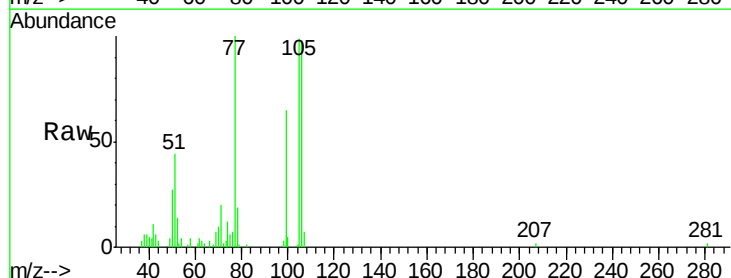
Tgt Ion: 77 Resp: 65144

Ion Ratio Lower Upper

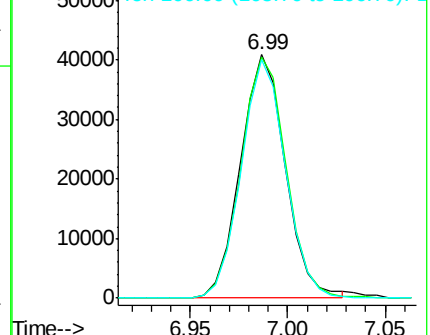
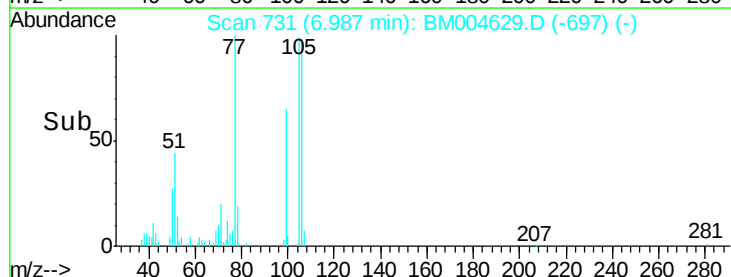
77 100

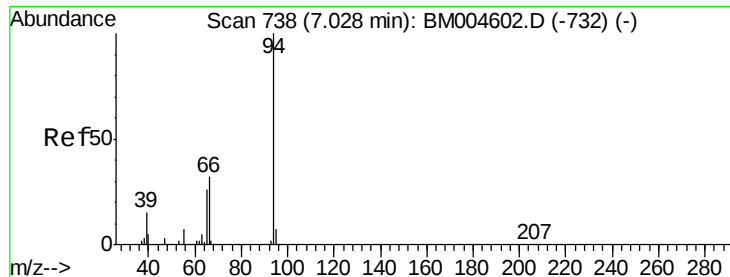
105 98.8 80.6 120.8

106 97.8 77.7 116.5



Abundance Ion 77.00 (76.70 to 77.70): BM004629.D (-697) (-)





#6

Phenol

Concen: 20.77 ng/ul

RT: 7.03 min Scan# 738

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

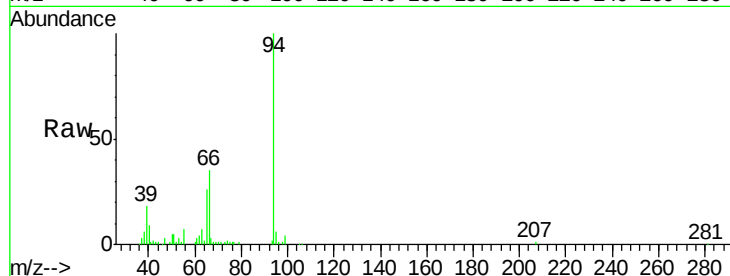
Tot Ion: 94 Resp: 123644

Ion Ratio Lower Upper

94 100

65 26.5 21.0 31.6

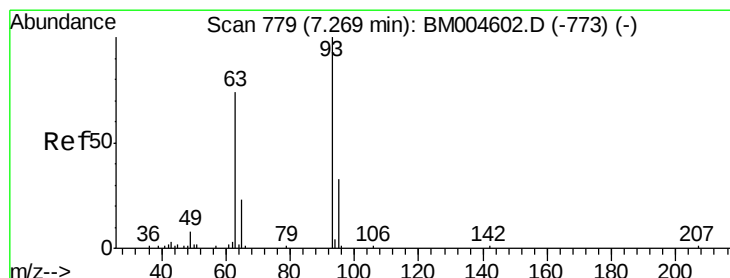
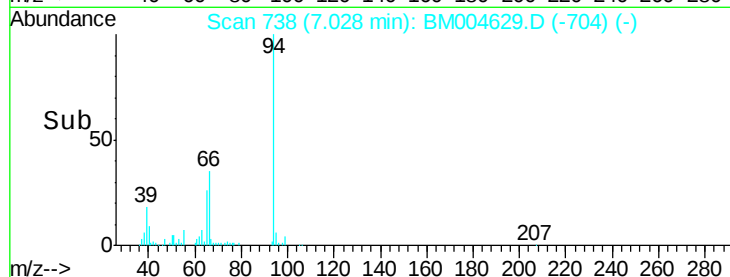
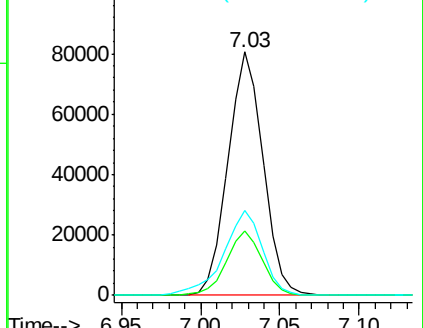
66 35.0 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004602.D (-732) (-)

Ion 65.00 (64.70 to 65.70): BM004602.D (-732) (-)

Ion 66.00 (65.70 to 66.70): BM004602.D (-732) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.80 ng/ul

RT: 7.27 min Scan# 779

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

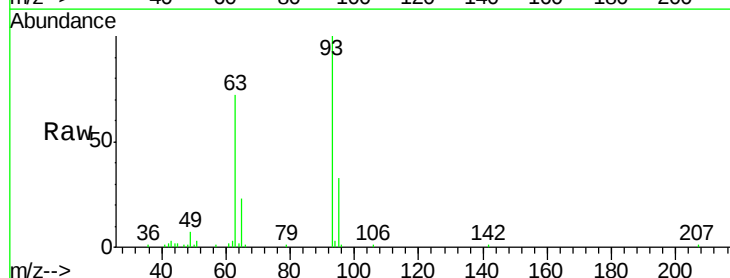
Tgt Ion: 93 Resp: 96381

Ion Ratio Lower Upper

93 100

63 71.8 53.5 80.3

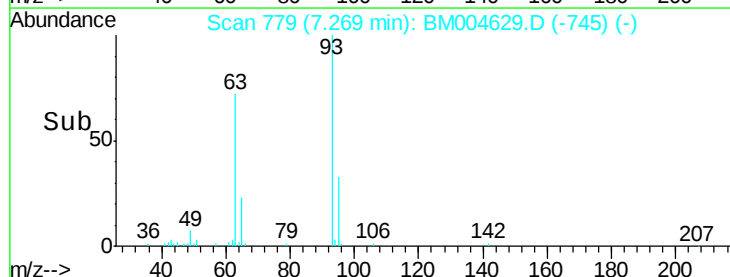
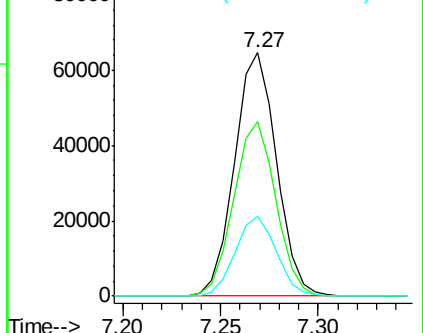
95 33.0 26.2 39.2

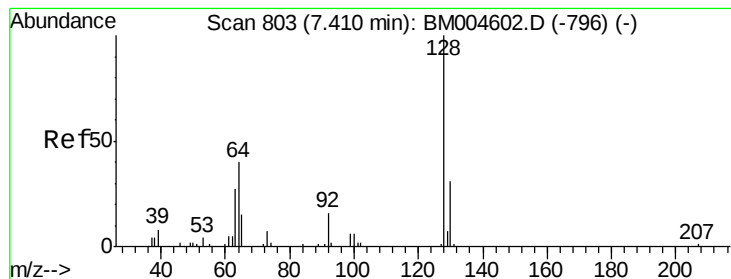


Abundance Ion 93.00 (92.70 to 93.70): BM004602.D (-773) (-)

Ion 63.00 (62.70 to 63.70): BM004602.D (-773) (-)

Ion 95.00 (94.70 to 95.70): BM004602.D (-773) (-)





#10

2-Chlorophenol

Concen: 20.40 ng/ul

RT: 7.40 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

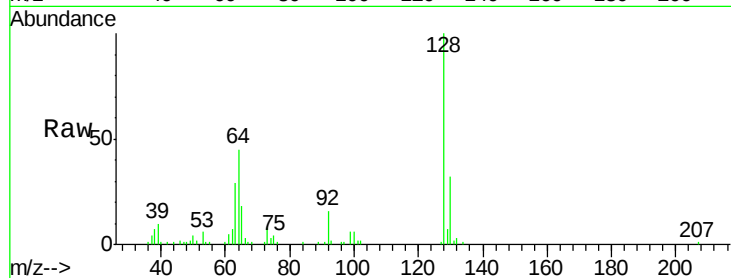
Tot Ion:128 Resp: 98099

Ion Ratio Lower Upper

128 100

64 45.4 31.9 47.9

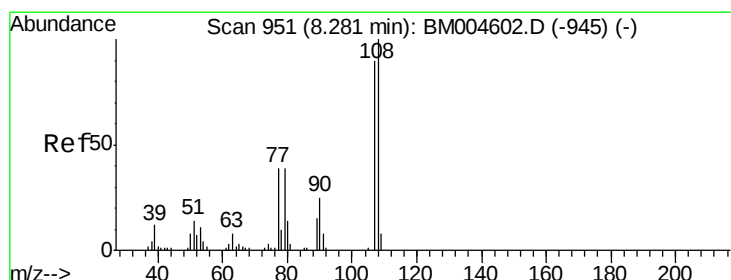
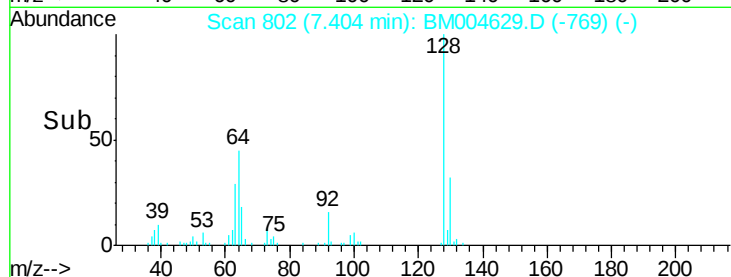
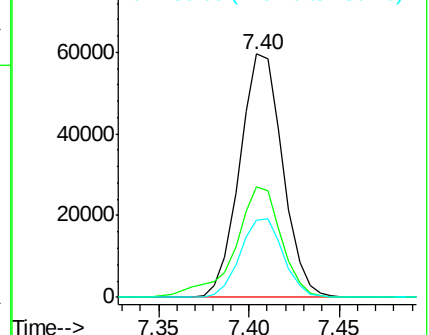
130 31.7 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM004629.D (-917) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.85 ng/ul

RT: 8.27 min Scan# 950

Delta R.T. -0.01 min

Lab File: BM004629.D

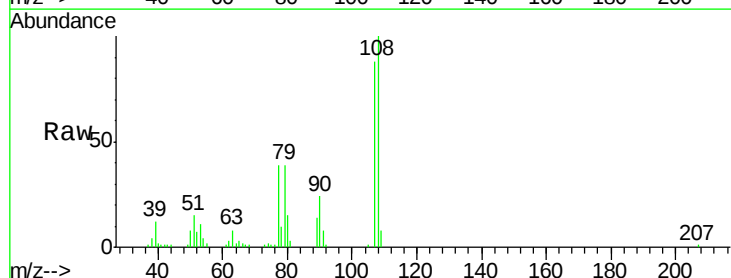
Acq: 16 Mar 2016 10:48

Tgt Ion:108 Resp: 90823

Ion Ratio Lower Upper

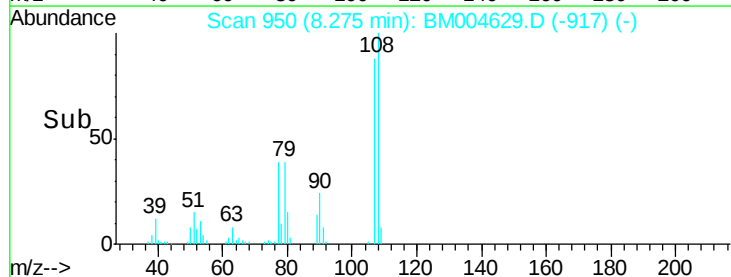
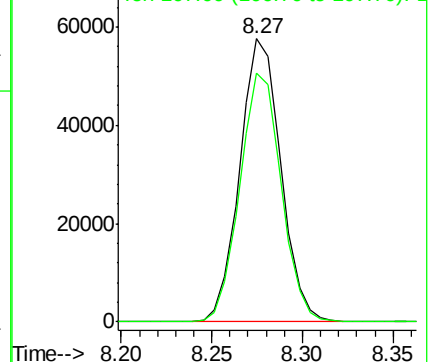
108 100

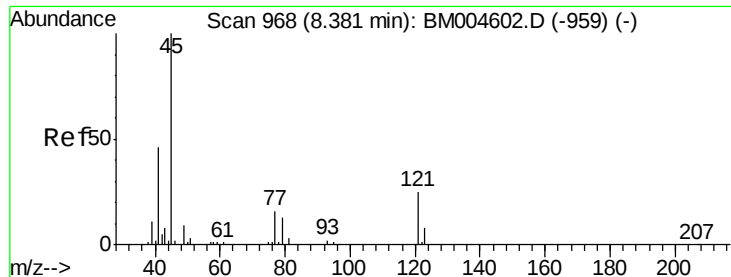
107 88.0 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

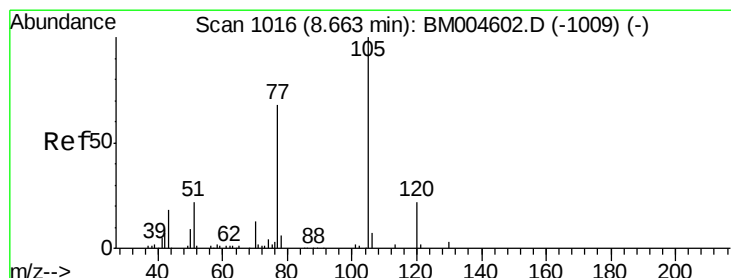
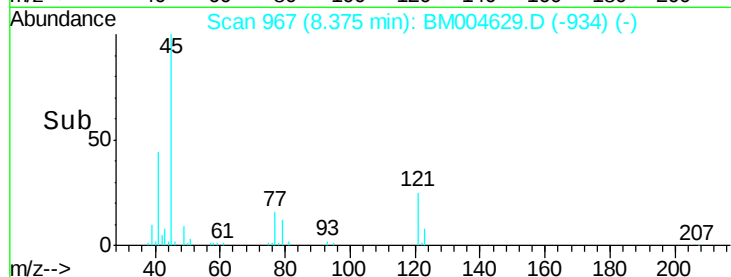
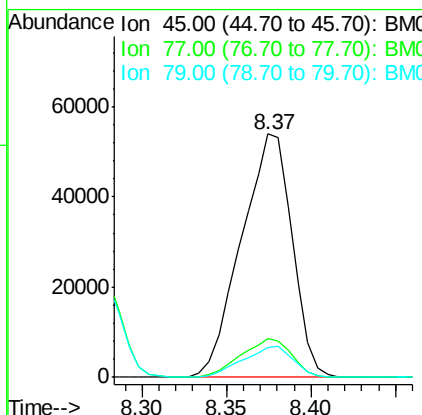
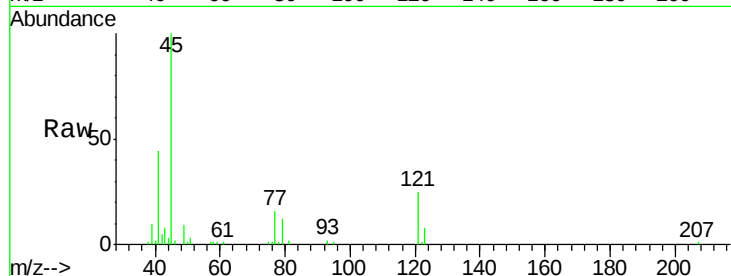




#12  
 2,2'-oxvbis(1-Chloropropane)  
 Concen: 20.32 ng/ul  
 RT: 8.37 min Scan# 967  
 Delta R.T. -0.01 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

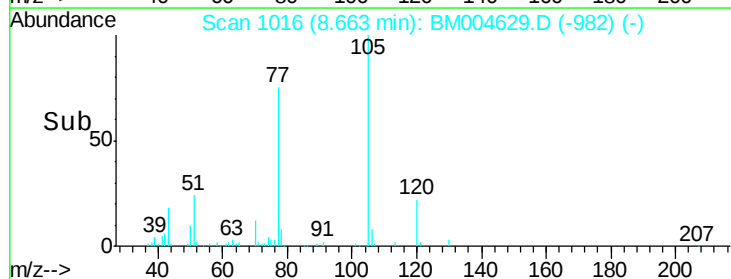
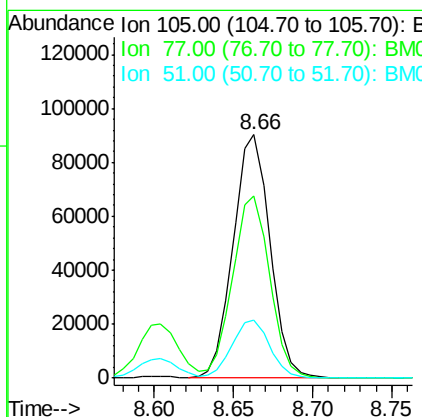
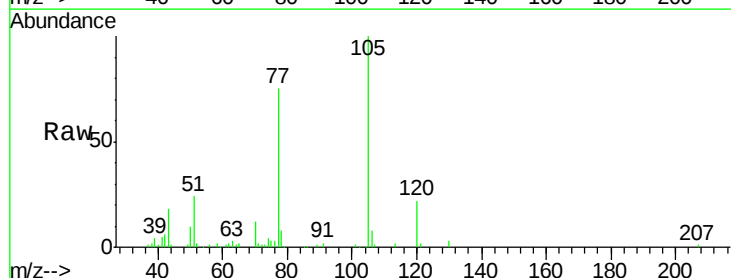
Instrument :  
 BNA\_M  
 ClientSampleId :

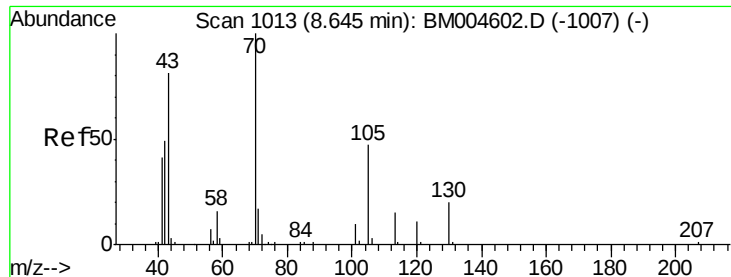
Tot Ion: 45 Resp: 112663  
 Ion Ratio Lower Upper  
 45 100  
 77 15.7 15.9 23.9#  
 79 12.1 12.5 18.7#



#14  
 Acetophenone  
 Concen: 20.52 ng/ul  
 RT: 8.66 min Scan# 1016  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Tgt Ion: 105 Resp: 146045  
 Ion Ratio Lower Upper  
 105 100  
 77 74.9 59.0 88.4  
 51 23.7 16.4 24.6

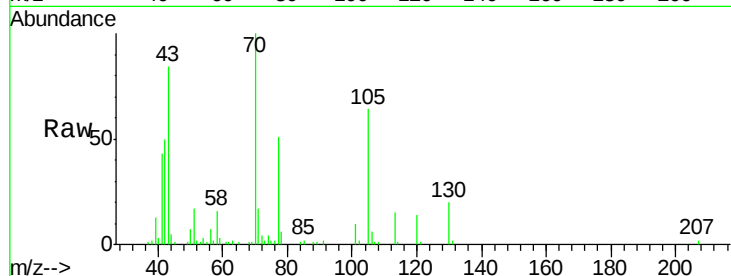




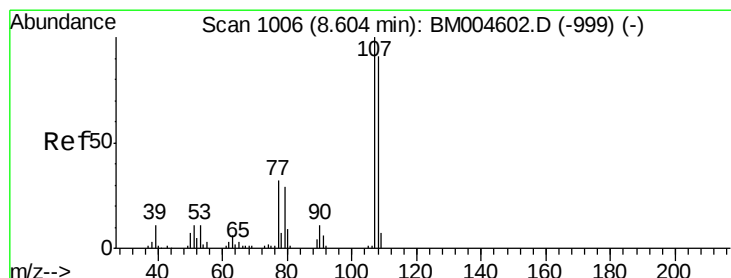
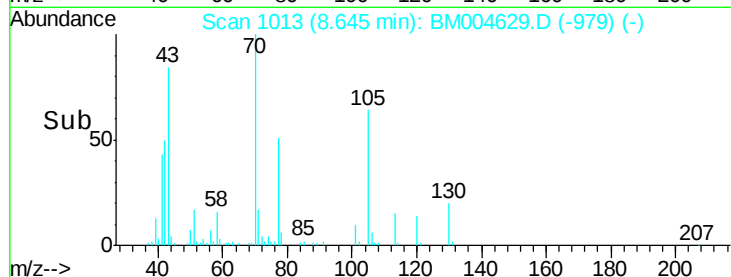
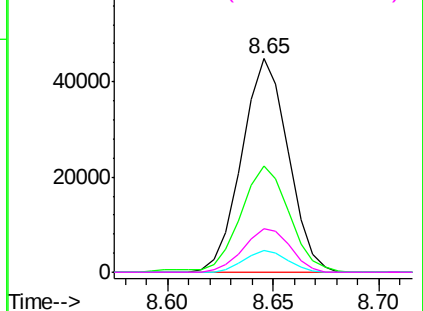
#15  
N-Nitroso-di-n-propylamine  
Concen: 18.93 ng/ul  
RT: 8.65 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 70 Resp: 68459  
Ion Ratio Lower Upper  
70 100  
42 49.7 35.4 53.0  
101 10.2 8.4 12.6  
130 20.5 18.2 27.4

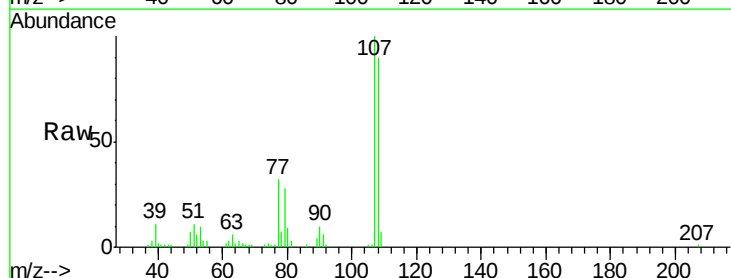


Abundance Ion 70.00 (69.70 to 70.70): BM004629.D (-979) (-)  
Ion 42.00 (41.70 to 42.70): BM004629.D (-979) (-)  
Ion 101.00 (100.70 to 101.70): BM004629.D (-979) (-)  
Ion 130.00 (129.70 to 130.70): BM004629.D (-979) (-)

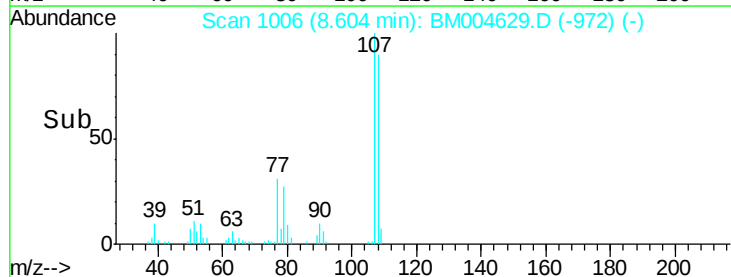
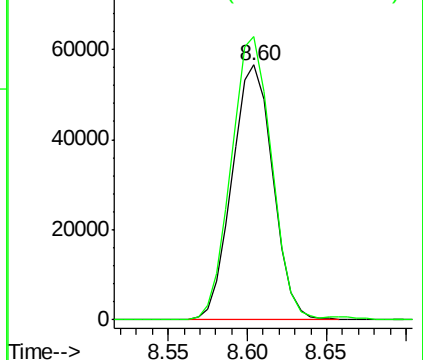


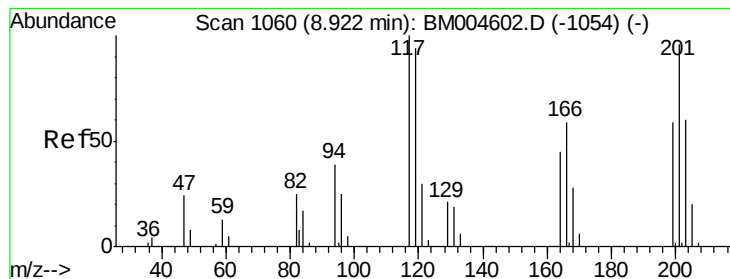
#16  
4-Methylphenol  
Concen: 20.11 ng/ul  
RT: 8.60 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion: 108 Resp: 101325  
Ion Ratio Lower Upper  
108 100  
107 110.9 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): BM004629.D (-972) (-)  
Ion 107.00 (106.70 to 107.70): BM004629.D (-972) (-)





#17

Hexachloroethane

Concen: 19.47 ng/ul

RT: 8.92 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

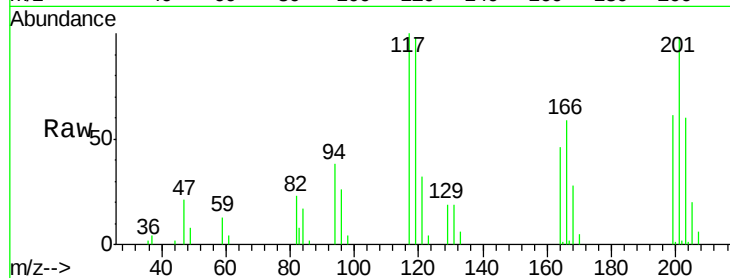
Tot Ion:117 Resp: 37198

Ion Ratio Lower Upper

117 100

201 98.2 81.5 122.3

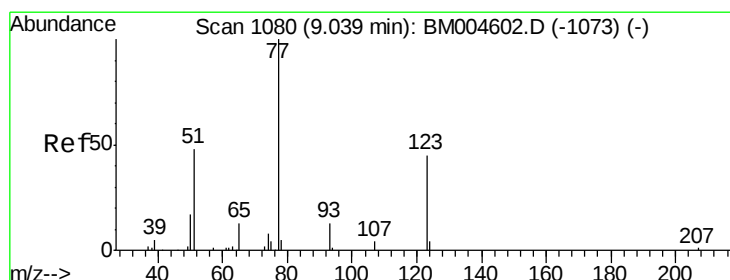
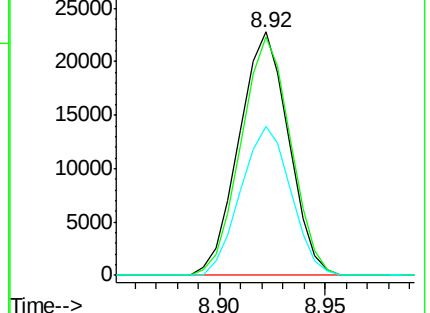
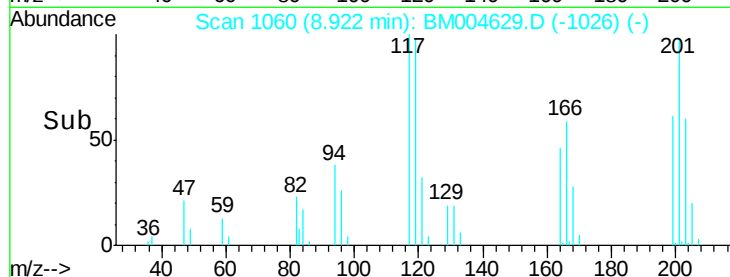
199 61.0 50.6 76.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.38 ng/ul

RT: 9.04 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

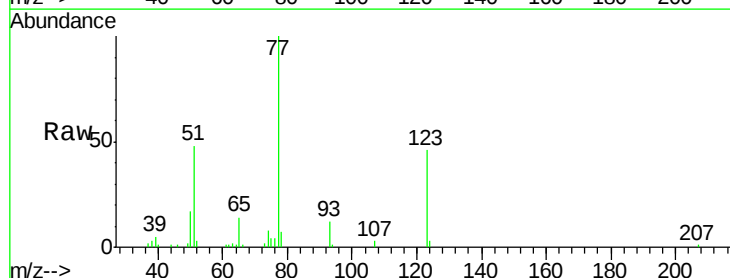
Tgt Ion: 77 Resp: 102052

Ion Ratio Lower Upper

77 100

123 45.8 39.0 58.4

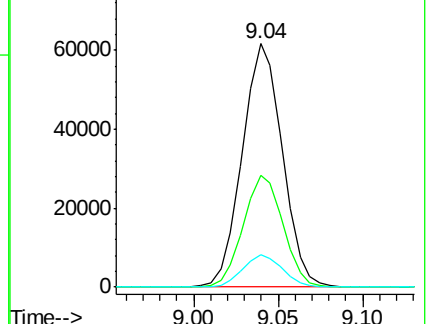
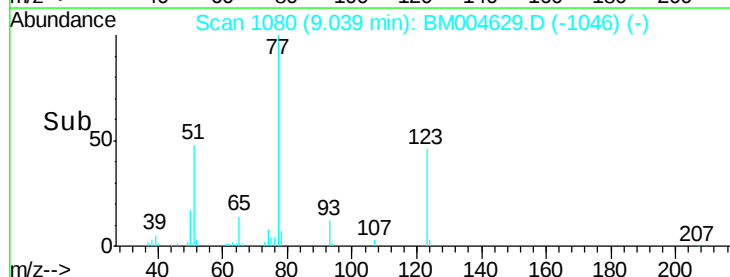
65 13.6 10.4 15.6

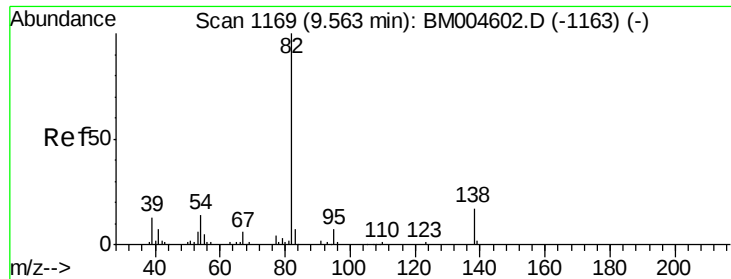


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.35 ng/ul

RT: 9.56 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

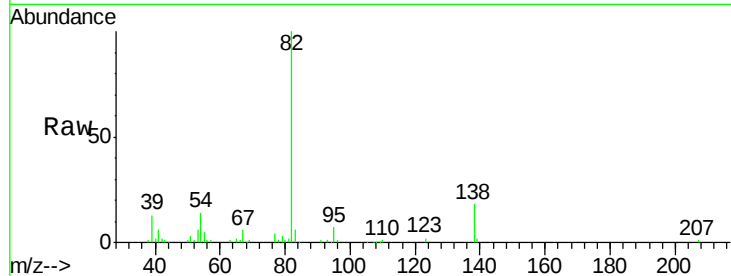
Tot Ion: 82 Resp: 185576

Ion Ratio Lower Upper

82 100

95 7.1 6.4 9.6

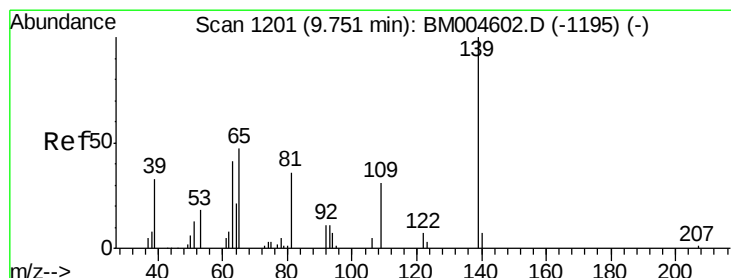
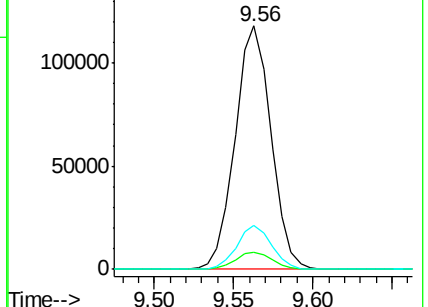
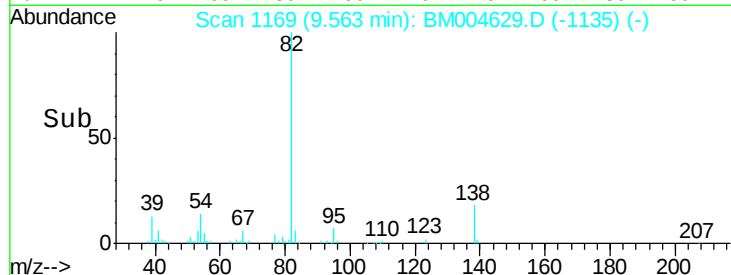
138 17.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BM004629.D (-1163) (-)

Ion 95.00 (94.70 to 95.70): BM004629.D (-1163) (-)

Ion 138.00 (137.70 to 138.70): BM004629.D (-1163) (-)



#23

2-Nitrophenol

Concen: 19.88 ng/ul

RT: 9.75 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

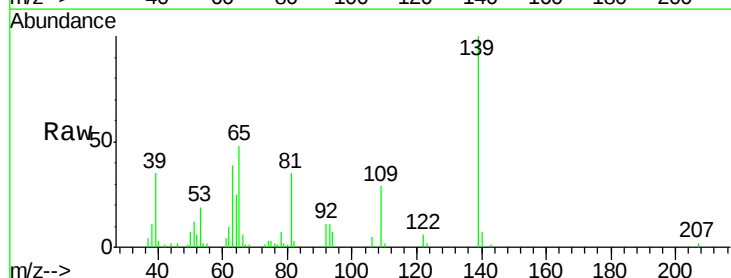
Tgt Ion: 139 Resp: 48259

Ion Ratio Lower Upper

139 100

65 48.3 36.3 54.5

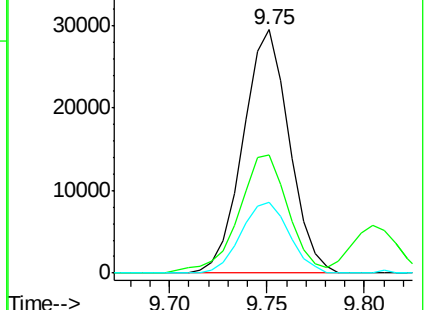
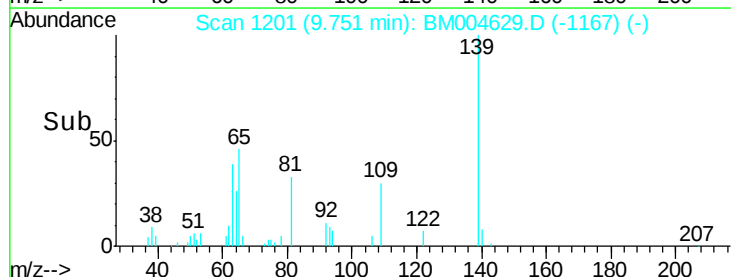
109 29.1 26.4 39.6

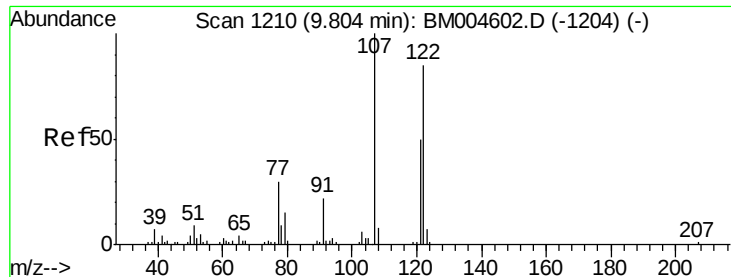


Abundance Ion 139.00 (138.70 to 139.70): BM004629.D (-1167) (-)

Ion 65.00 (64.70 to 65.70): BM004629.D (-1167) (-)

Ion 109.00 (108.70 to 109.70): BM004629.D (-1167) (-)





#24

2,4-Dimethylphenol

Concen: 20.23 ng/ul

RT: 9.80 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

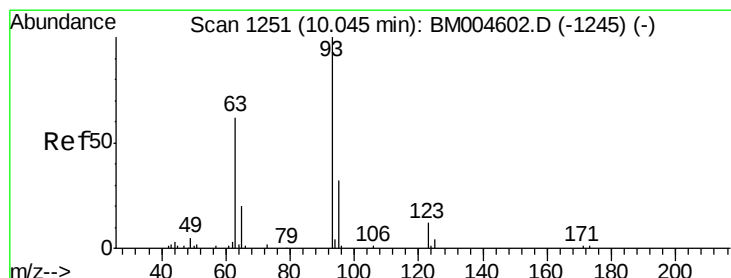
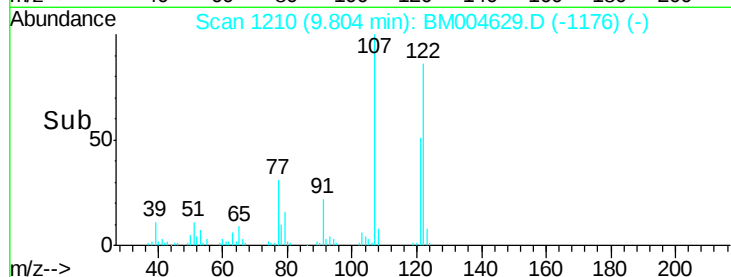
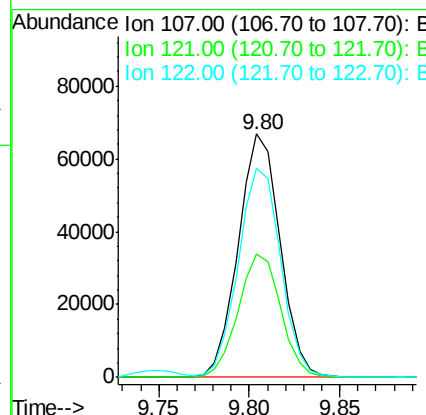
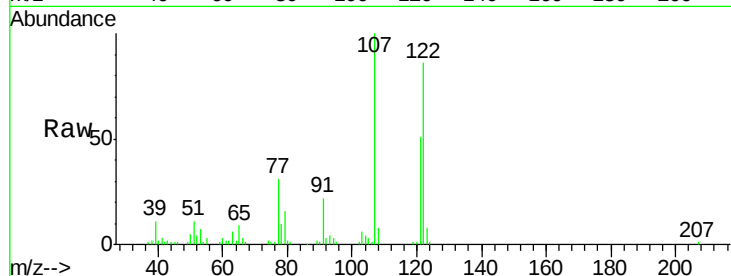
Tot Ion:107 Resp: 107570

Ion Ratio Lower Upper

107 100

121 50.8 40.6 61.0

122 86.1 67.8 101.6



#25

Bis(2-Chloroethoxy)methane

Concen: 19.91 ng/ul

RT: 10.05 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

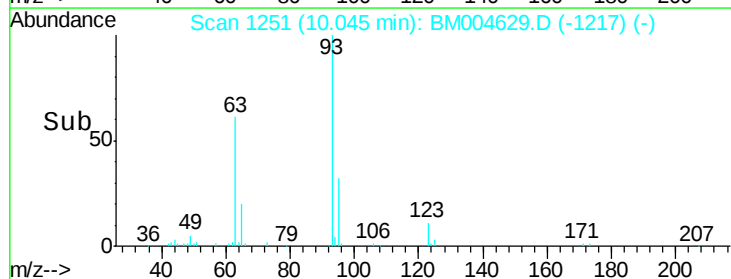
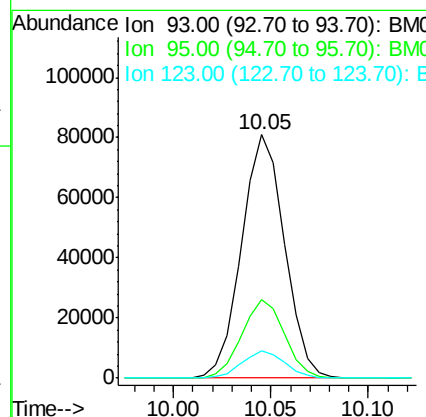
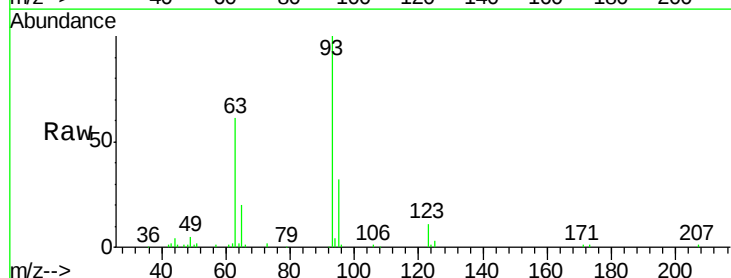
Tgt Ion: 93 Resp: 123208

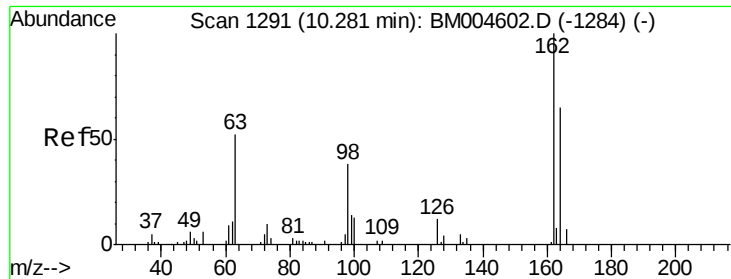
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

123 11.4 9.8 14.8

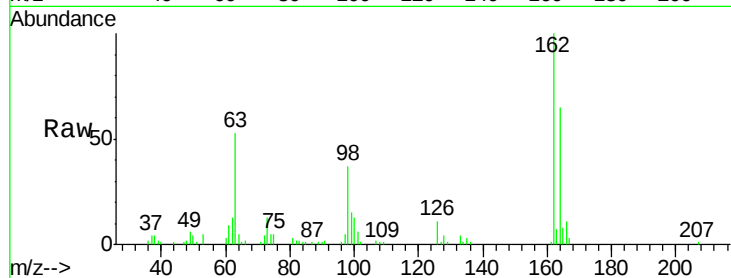




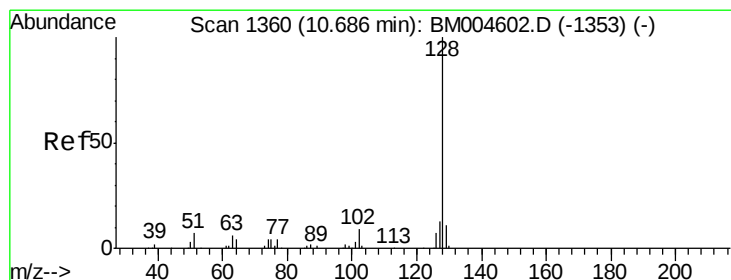
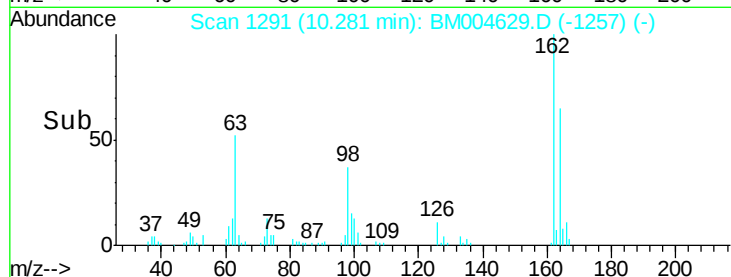
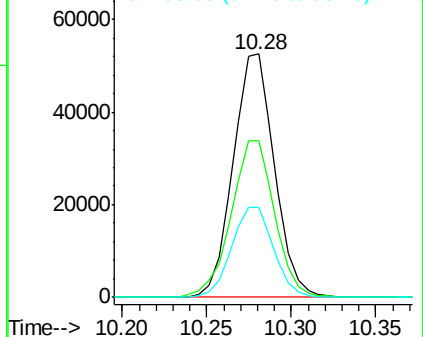
#27  
 2,4-Dichlorophenol  
 Concen: 20.21 ng/ul  
 RT: 10.28 min Scan# 1291  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.5  | 52.1  | 78.1  |
| 98      | 37.0  | 28.4  | 42.6  |

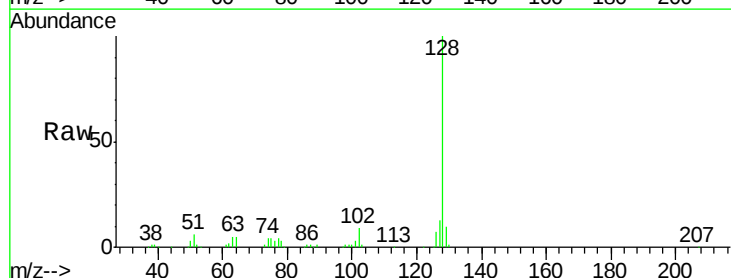


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

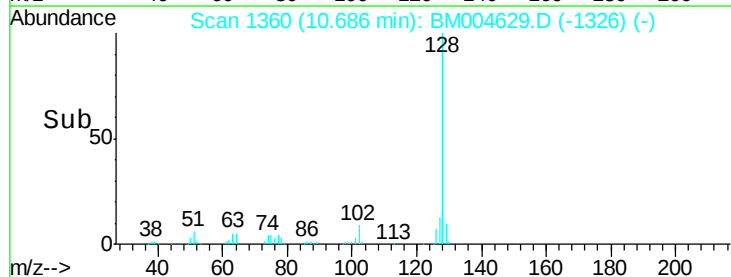
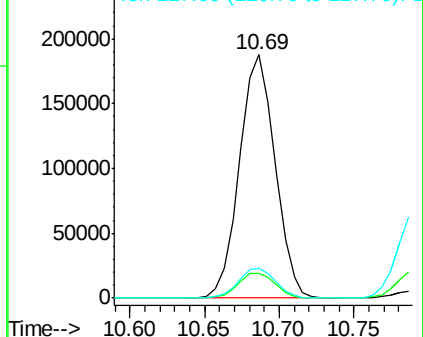


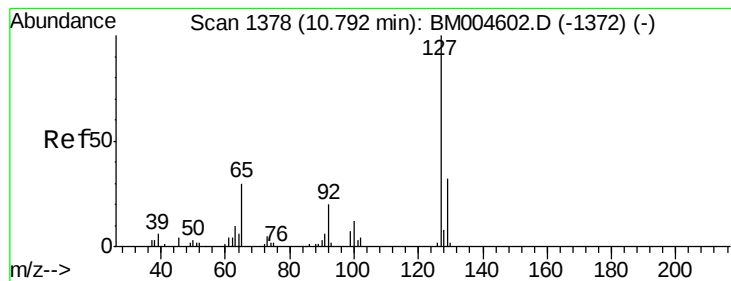
#28  
 Naphthalene  
 Concen: 20.39 ng/ul  
 RT: 10.69 min Scan# 1360  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 8.8   | 13.2  |
| 127     | 12.5  | 10.5  | 15.7  |



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





#30

4-Chloroaniline

Concen: 22.87 ng/ul

RT: 10.79 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

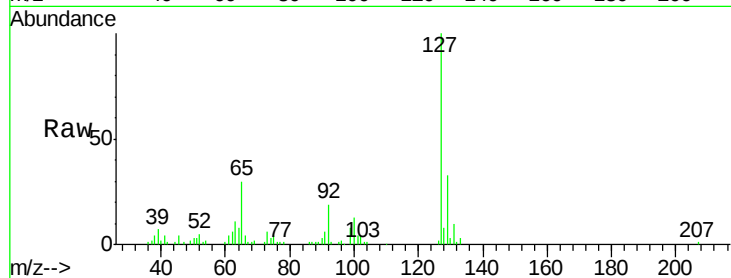
ClientSampleId :

Tot Ion:127 Resp: 123610

Ion Ratio Lower Upper

127 100

129 32.6 25.4 38.2



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

80000

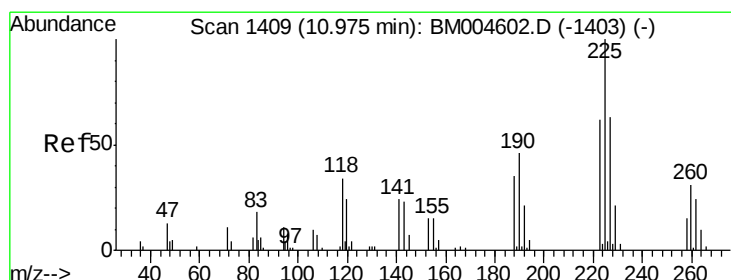
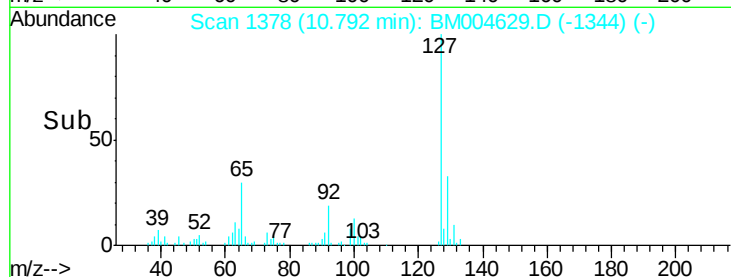
60000

40000

20000

0

Time--> 10.70 10.75 10.80 10.85



#31

Hexachlorobutadiene

Concen: 20.49 ng/ul

RT: 10.97 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

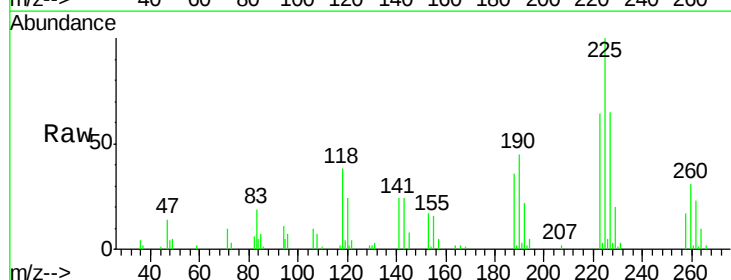
Tgt Ion:225 Resp: 54151

Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.2

227 65.1 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

40000

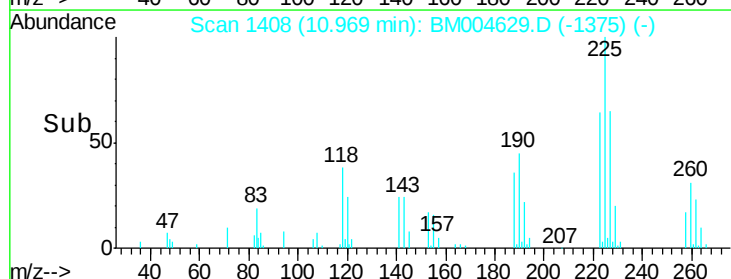
30000

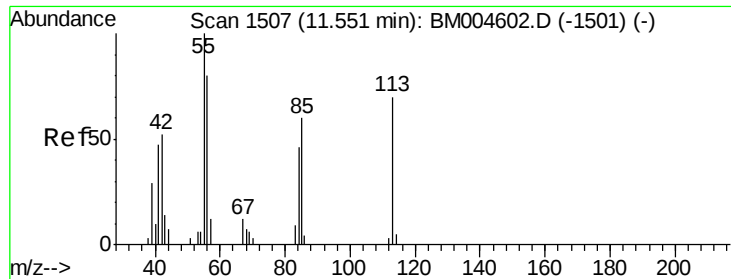
20000

10000

0

Time--> 10.90 10.95 11.00

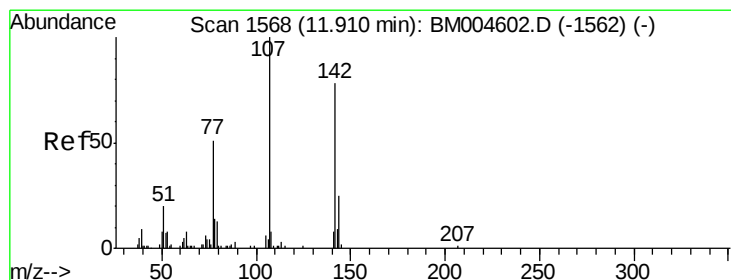
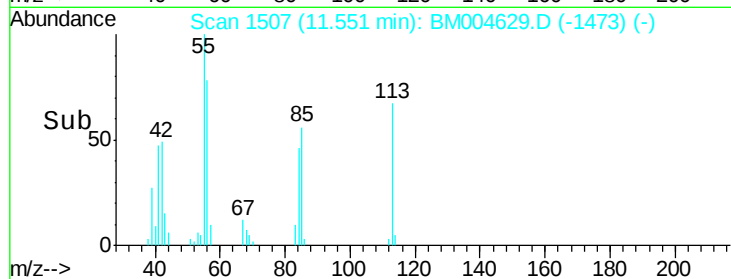
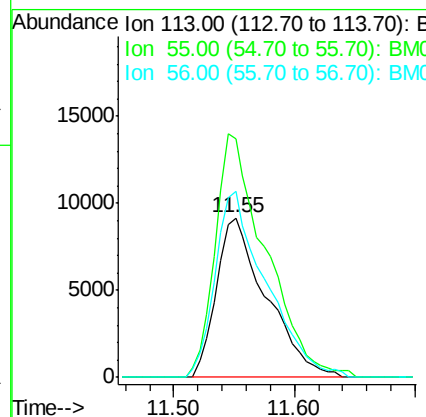
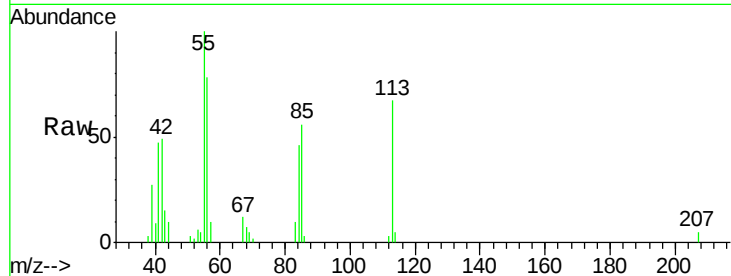




#32  
 Caprolactam  
 Concen: 17.66 ng/ul  
 RT: 11.55 min Scan# 1507  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

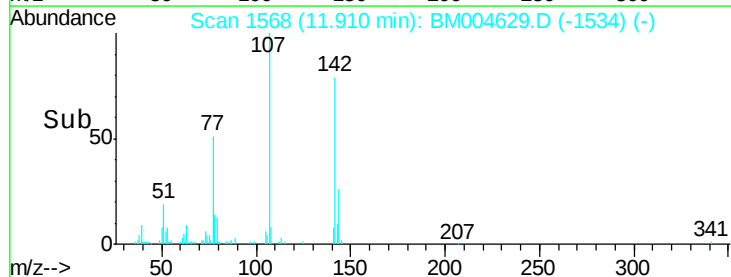
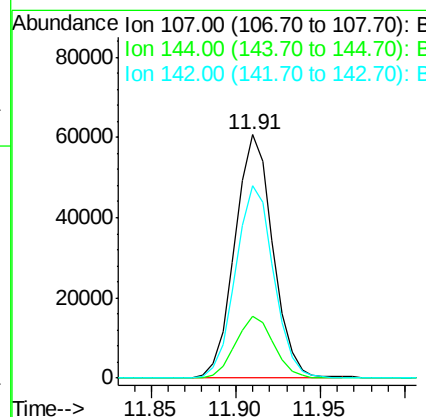
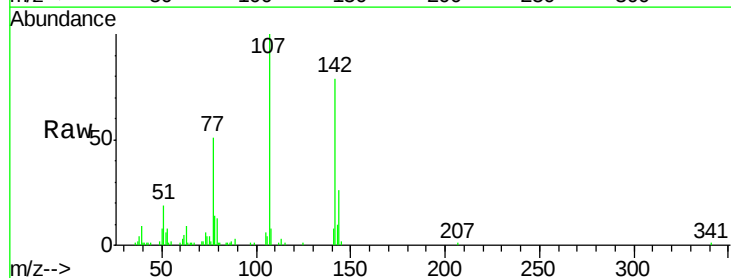
Instrument :  
 BNA\_M  
 ClientSampleId :

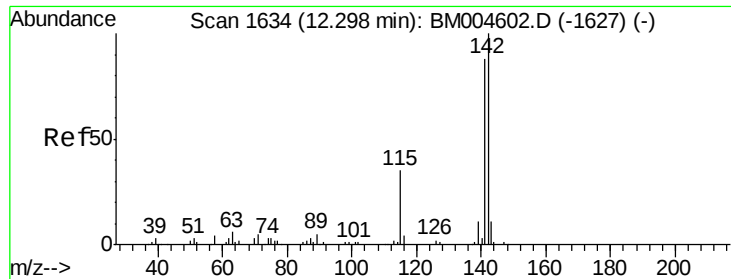
Tot Ion:113 Resp: 26194  
 Ion Ratio Lower Upper  
 113 100  
 55 149.8 101.9 152.9  
 56 116.9 81.2 121.8



#33  
 4-Chloro-3-methylphenol  
 Concen: 18.97 ng/ul  
 RT: 11.91 min Scan# 1568  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Tgt Ion:107 Resp: 95075  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 20.4 30.6  
 142 79.2 62.5 93.7

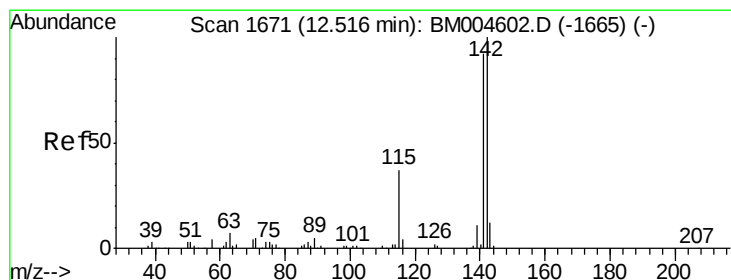
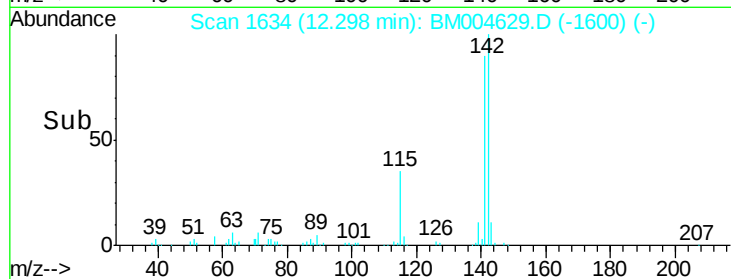
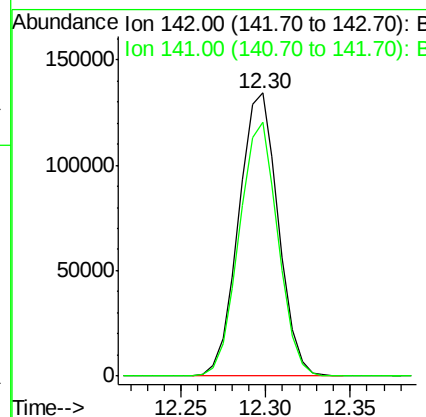
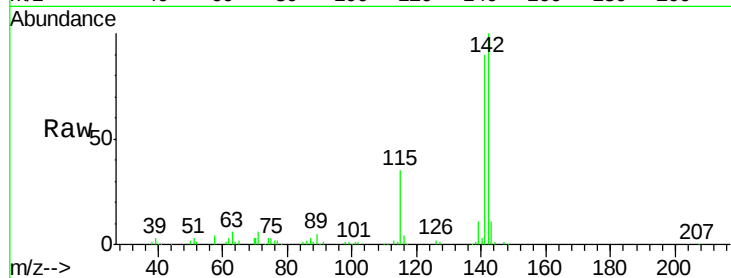




#34  
2-Methylnaphthalene  
Concen: 20.15 ng/ul  
RT: 12.30 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

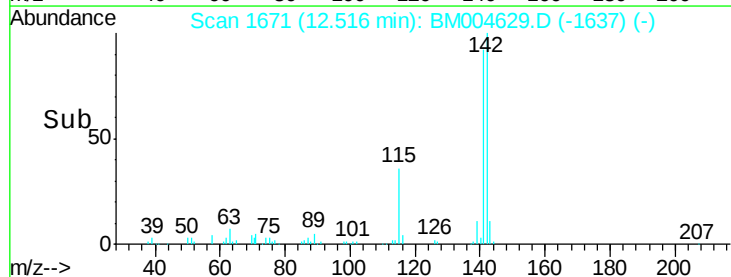
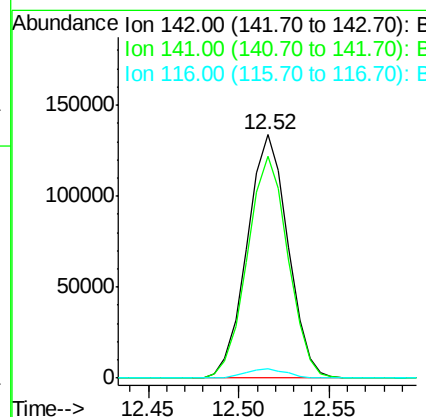
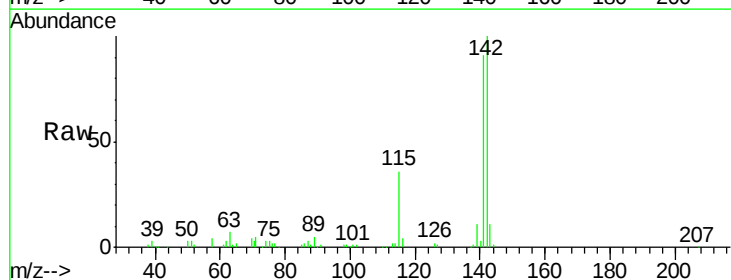
Instrument :  
BNA\_M  
ClientSampleId :

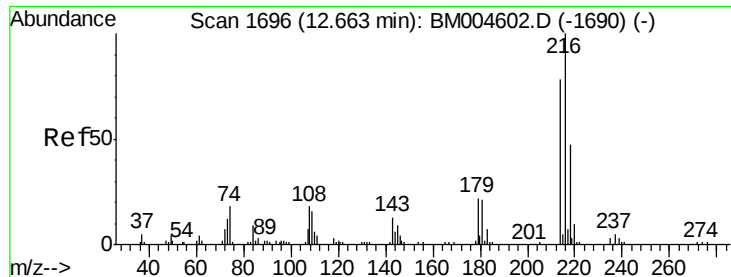
Tot Ion:142 Resp: 218302  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.6 107.4



#35  
1-Methylnaphthalene  
Concen: 20.16 ng/ul  
RT: 12.52 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion:142 Resp: 209836  
Ion Ratio Lower Upper  
142 100  
141 91.1 74.9 112.3  
116 3.9 3.1 4.7

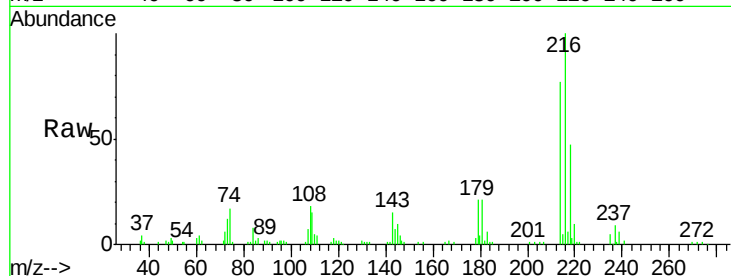




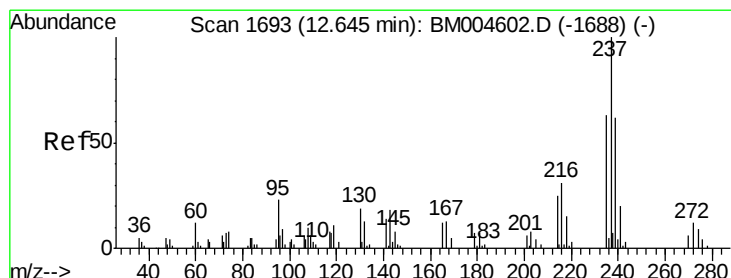
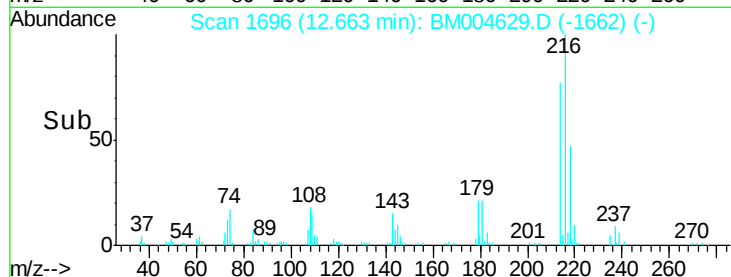
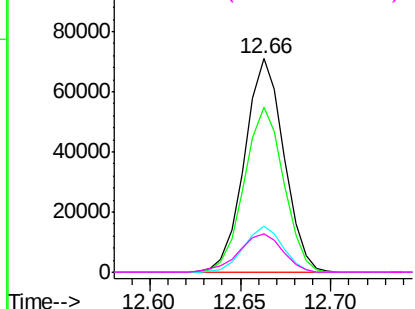
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.75 ng/ul  
 RT: 12.66 min Scan# 1696  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Instrument :  
 BNA\_M  
 ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 107133    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 77.5  | 62.5 93.7 |
| 179         | 21.3  | 18.2 27.2 |
| 108         | 18.0  | 14.2 21.2 |

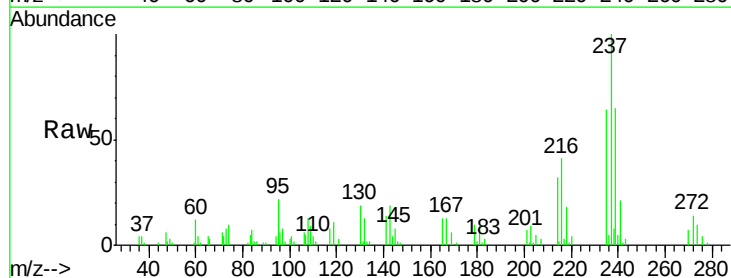


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

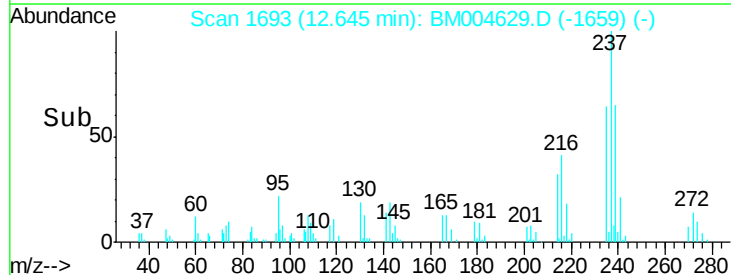
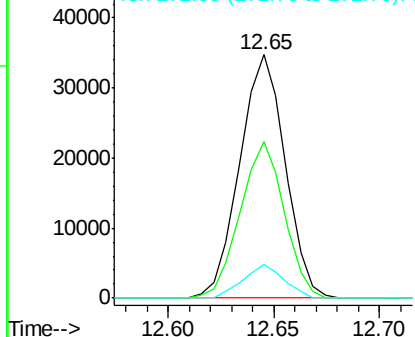


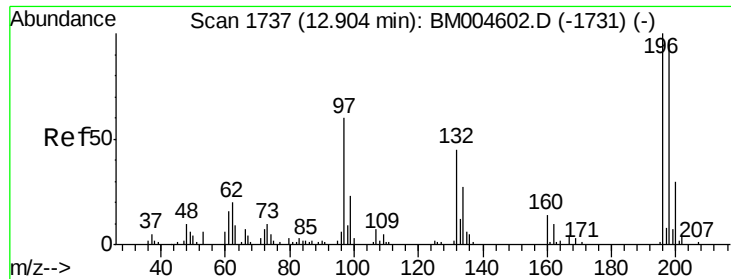
#38  
 Hexachlorocyclopentadiene  
 Concen: 18.55 ng/ul  
 RT: 12.65 min Scan# 1693  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 51866     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.3  | 50.4 75.6 |
| 272         | 13.9  | 9.6 14.4  |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

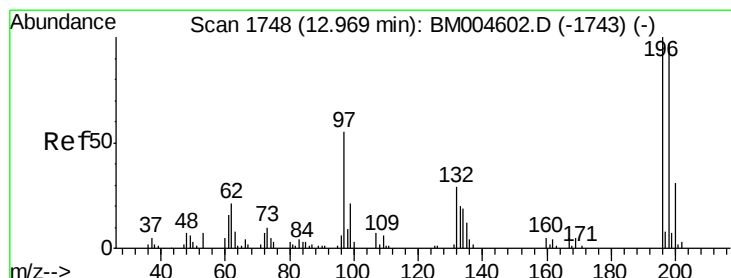
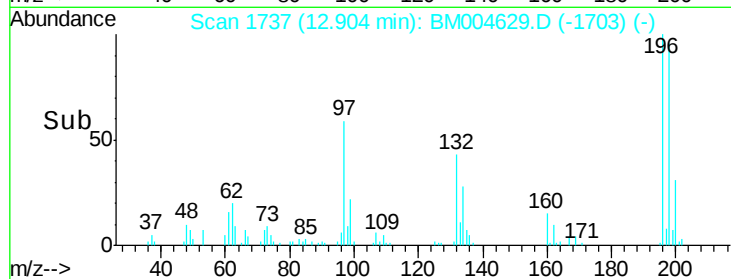
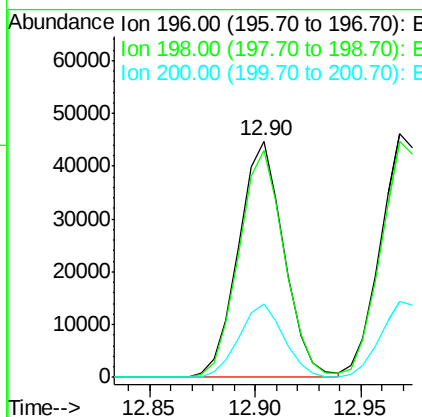
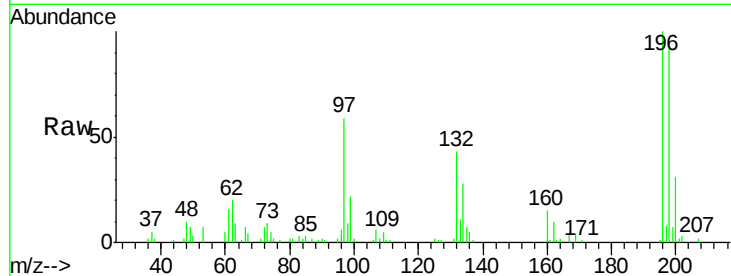




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.61 ng/ul  
 RT: 12.90 min Scan# 1737  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

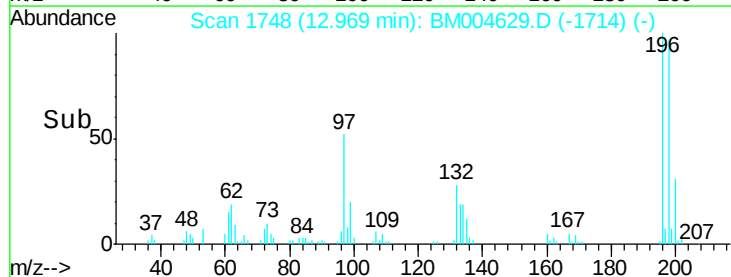
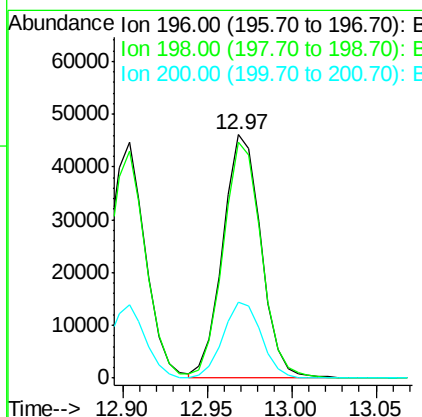
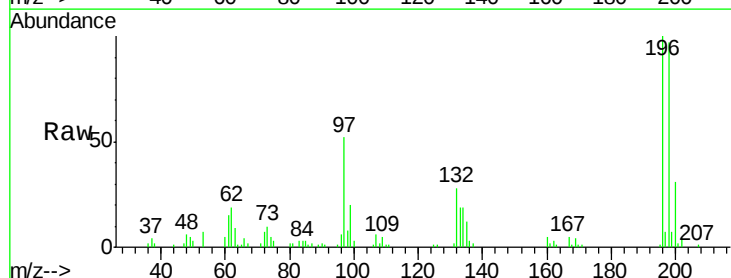
Instrument :  
 BNA\_M  
 ClientSampled :

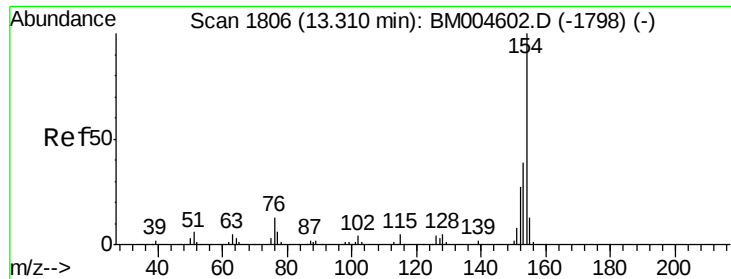
Tot Ion:196 Resp: 66861  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 76.6 114.8  
 200 30.8 24.7 37.1



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.78 ng/ul  
 RT: 12.97 min Scan# 1748  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Tgt Ion:196 Resp: 72780  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 76.9 115.3  
 200 31.3 25.0 37.4

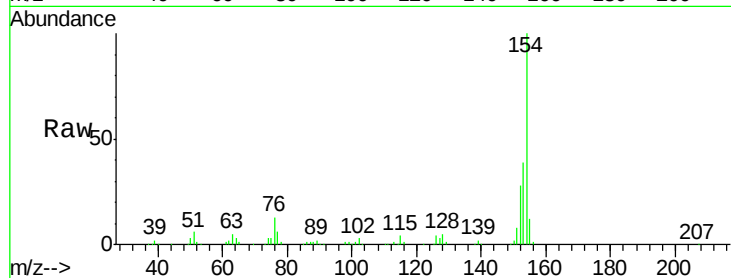




#41  
 1,1'-Biphenyl  
 Concen: 20.45 ng/ul  
 RT: 13.31 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.1  | 32.1  | 48.1  |
| 76      | 13.0  | 9.5   | 14.3  |

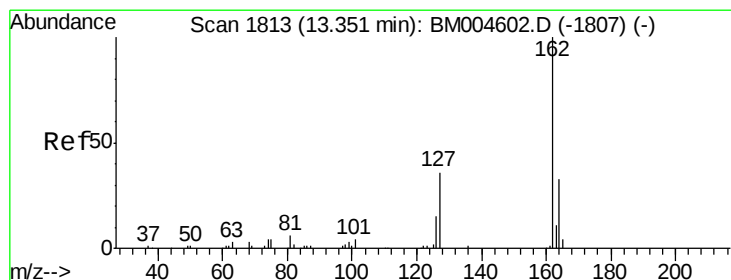
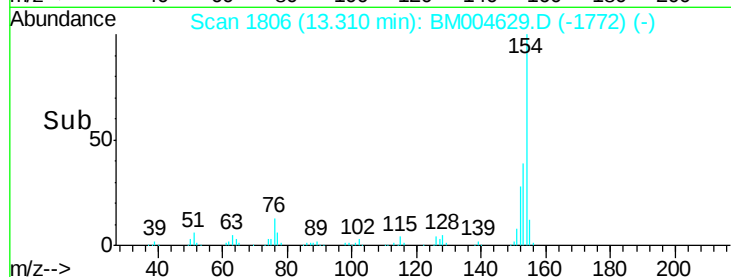
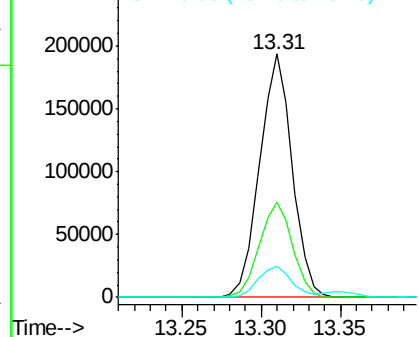


Abundance

Ion 154.00 (153.70 to 154.70): E

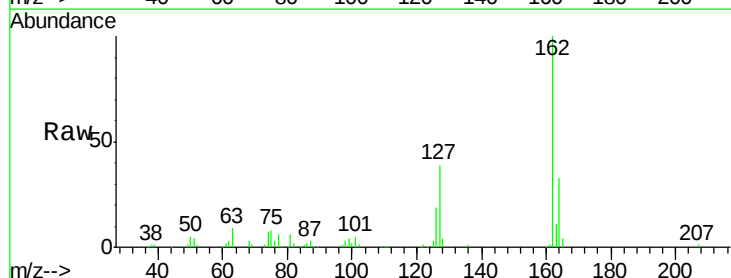
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42  
 2-Chloronaphthalene  
 Concen: 20.58 ng/ul  
 RT: 13.35 min Scan# 1813  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.8  | 25.9  | 38.9  |
| 127     | 39.3  | 34.1  | 51.1  |

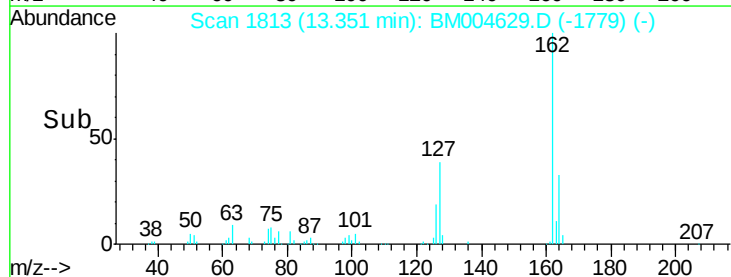
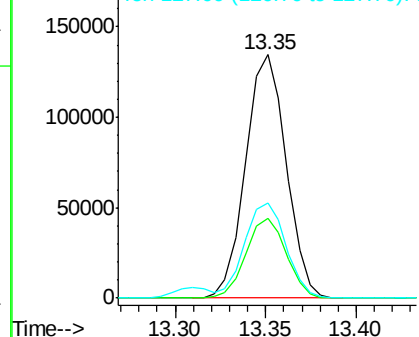


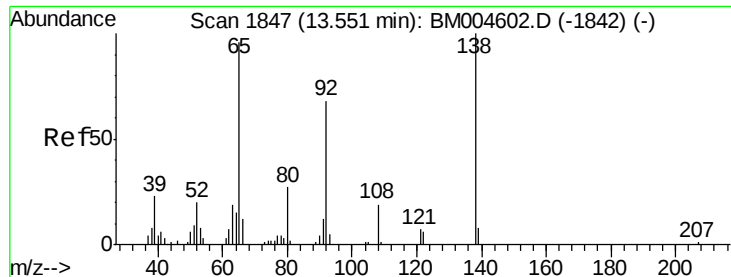
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

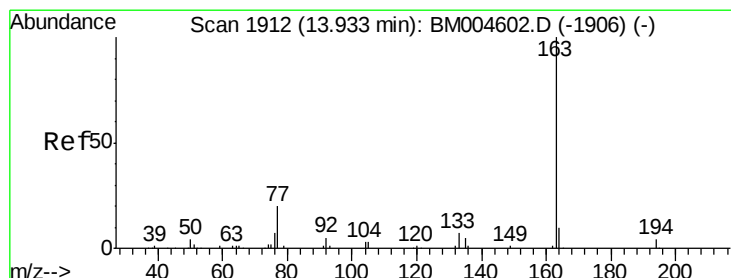
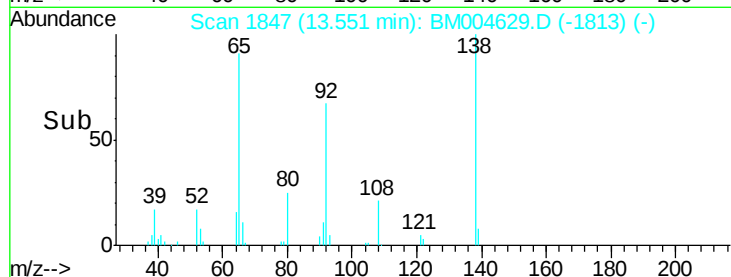
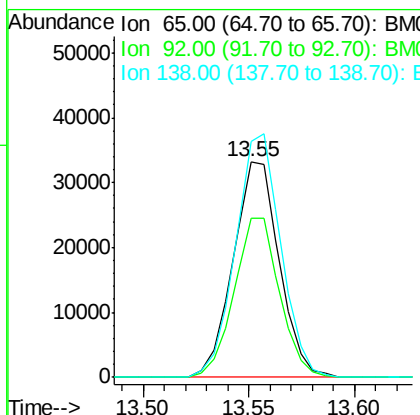
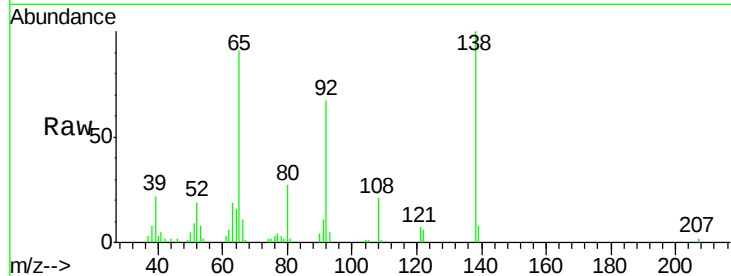




#43  
2-Nitroaniline  
Concen: 18.38 ng/ul  
RT: 13.55 min Scan# 1847  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

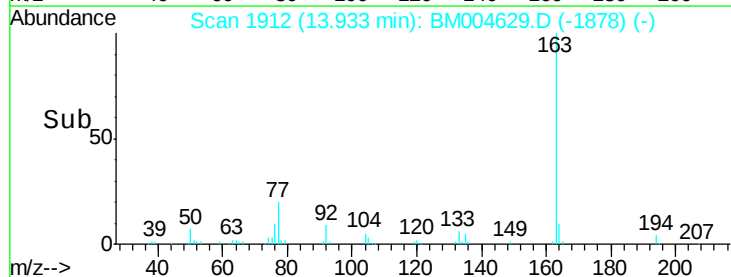
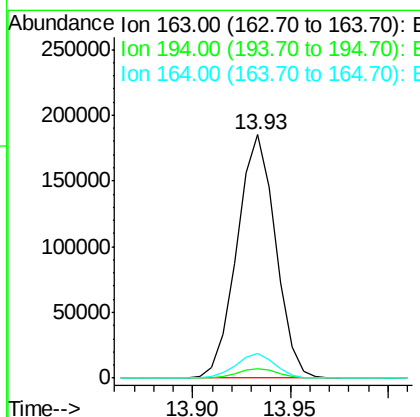
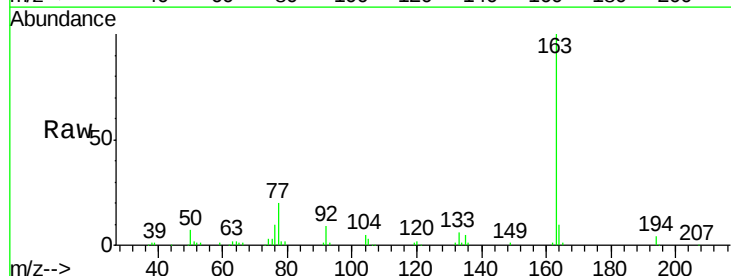
Instrument :  
BNA\_M  
ClientSampleId :

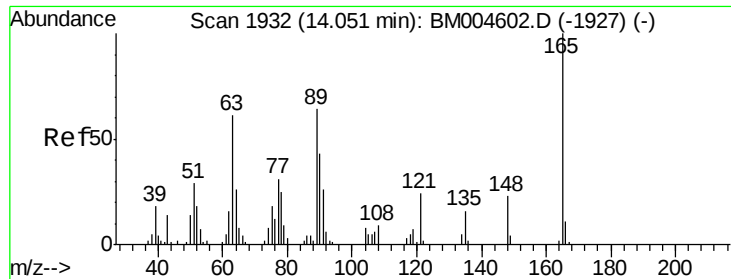
Tot Ion: 65 Resp: 50243  
Ion Ratio Lower Upper  
65 100  
92 73.5 60.4 90.6  
138 109.5 99.8 149.6



#45  
Dimethylphthalate  
Concen: 19.77 ng/ul  
RT: 13.93 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion: 163 Resp: 253580  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.1 7.8 11.8

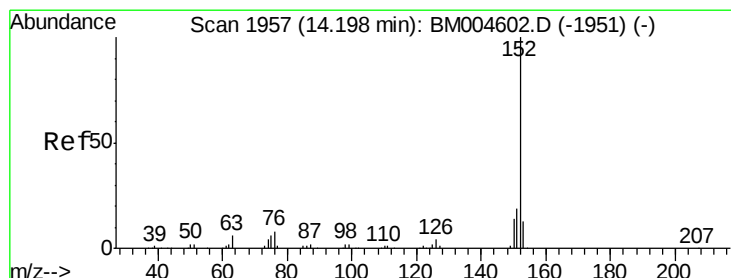
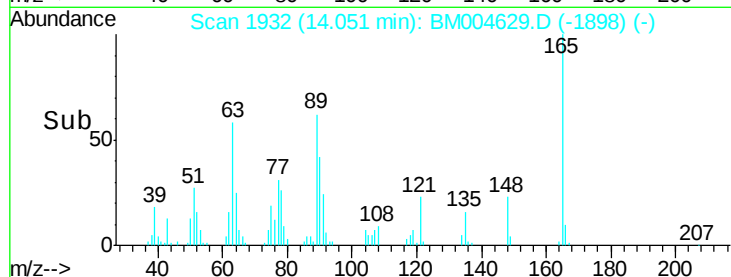
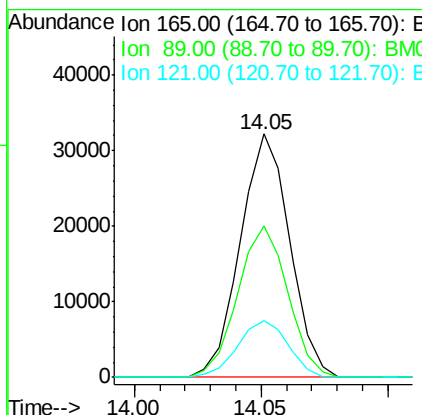
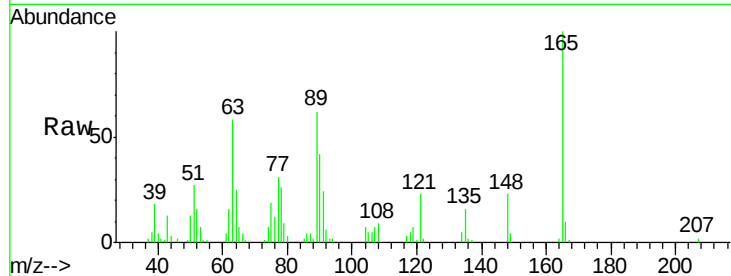




#46  
 2,6-Dinitrotoluene  
 Concen: 19.23 ng/ul  
 RT: 14.05 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

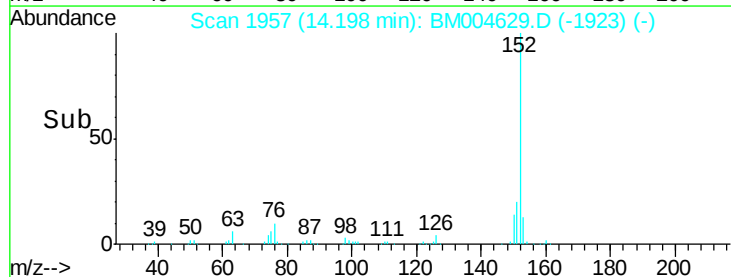
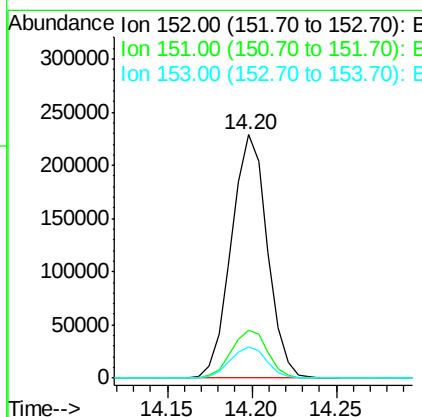
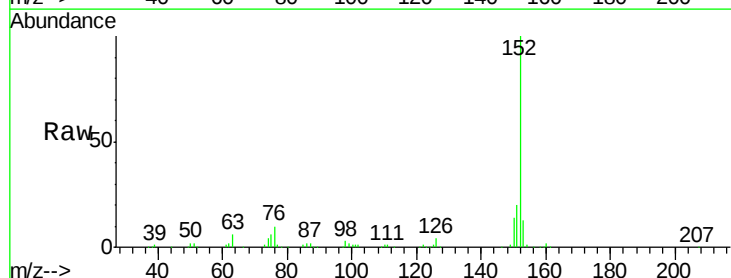
Instrument :  
 BNA\_M  
 ClientSampleId :

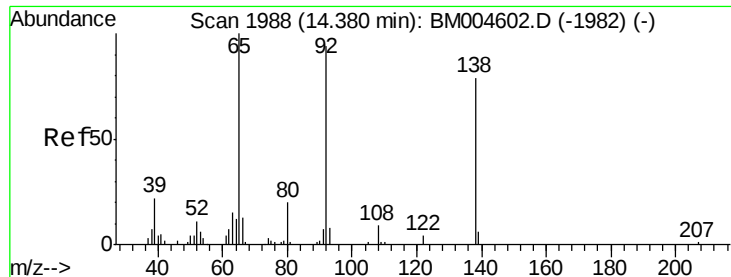
Tot Ion:165 Resp: 43912  
 Ion Ratio Lower Upper  
 165 100  
 89 62.0 42.4 63.6  
 121 23.5 16.6 24.8



#48  
 Acenaphthylene  
 Concen: 20.40 ng/ul  
 RT: 14.20 min Scan# 1957  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Tgt Ion:152 Resp: 339513  
 Ion Ratio Lower Upper  
 152 100  
 151 19.8 15.7 23.5  
 153 13.0 10.5 15.7





#49

3-Nitroaniline

Concen: 20.50 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampled :

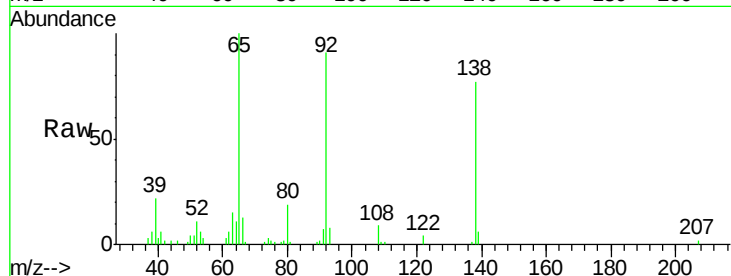
Tot Ion:138 Resp: 50567

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

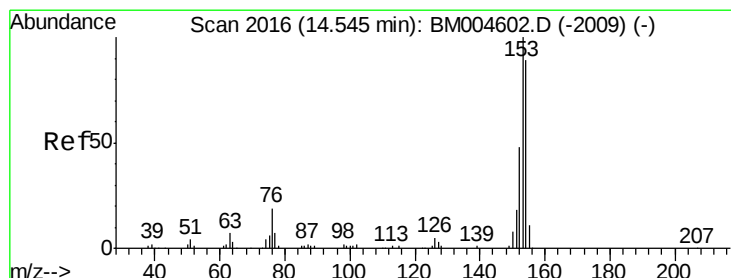
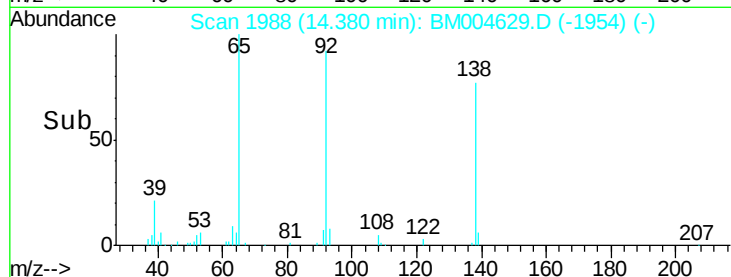
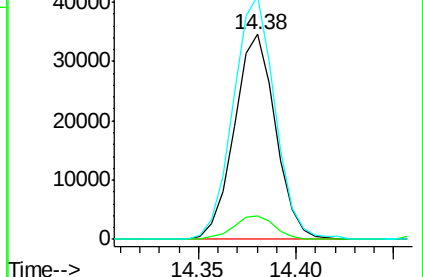
92 118.9 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#50

Acenaphthene

Concen: 20.40 ng/ul

RT: 14.54 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

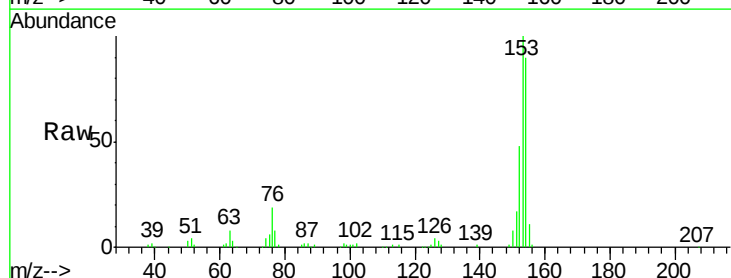
Tgt Ion:153 Resp: 228635

Ion Ratio Lower Upper

153 100

152 48.0 38.3 57.5

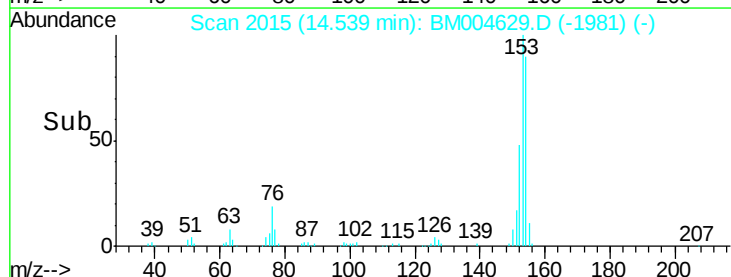
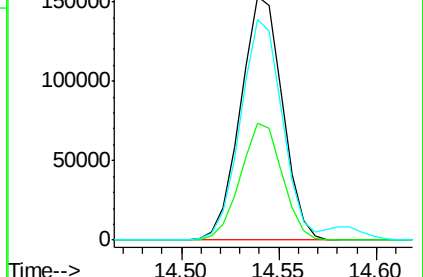
154 90.4 71.8 107.8

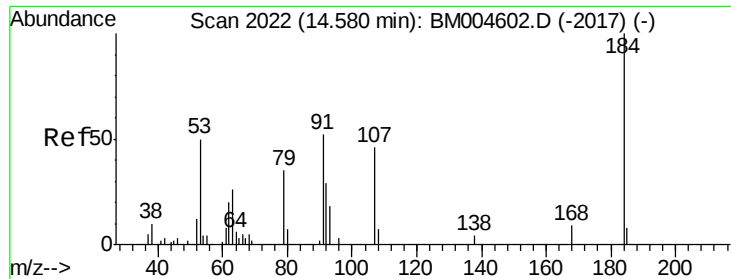


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

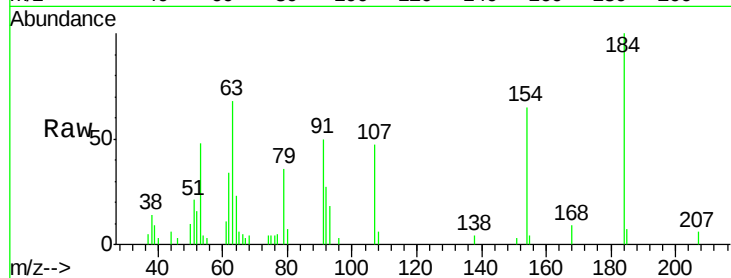




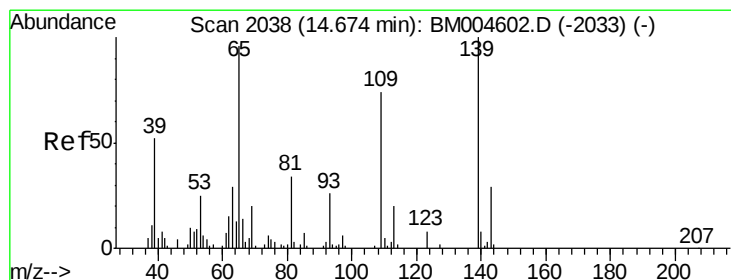
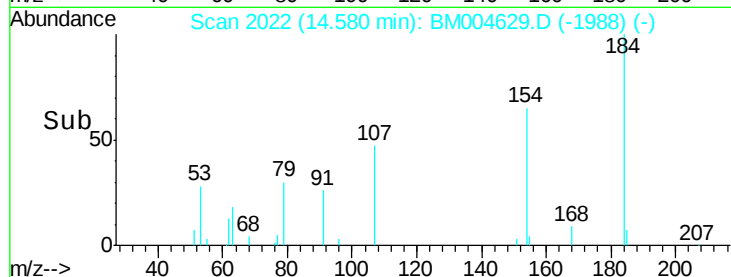
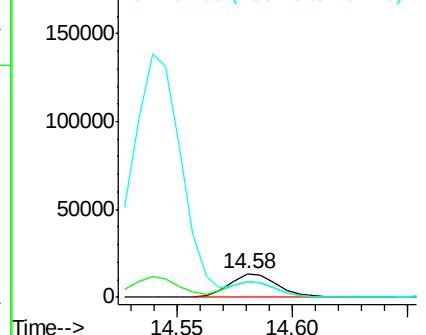
#51  
2,4-Dinitrophenol  
Concen: 15.06 ng/ul  
RT: 14.58 min Scan# 2022  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:184 Resp: 19579  
Ion Ratio Lower Upper  
184 100  
63 68.2 46.5 69.7  
154 64.9 54.6 82.0

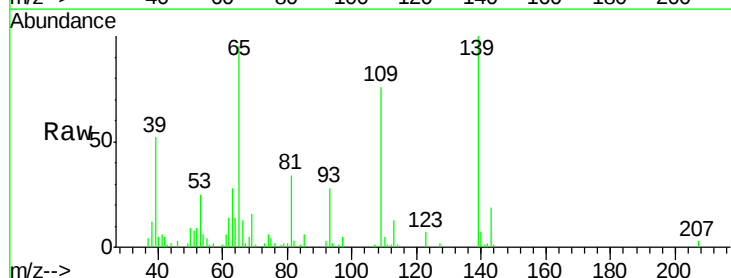


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM004602.D (-2017) (-)  
Ion 154.00 (153.70 to 154.70): E

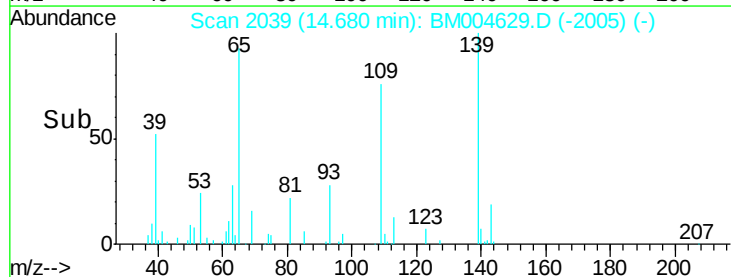
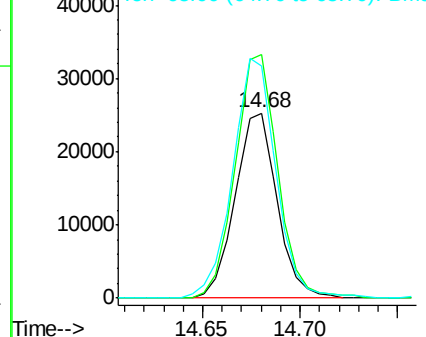


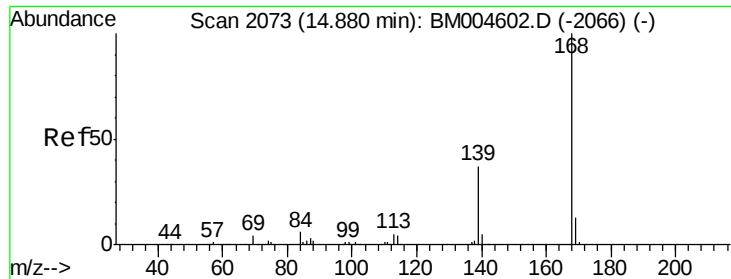
#53  
4-Nitrophenol  
Concen: 19.02 ng/ul  
RT: 14.68 min Scan# 2039  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion:109 Resp: 37665  
Ion Ratio Lower Upper  
109 100  
139 131.8 103.7 155.5  
65 125.4 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BM004602.D (-2033) (-)





#54

Dibenzofuran

Concen: 20.29 ng/ul

RT: 14.87 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

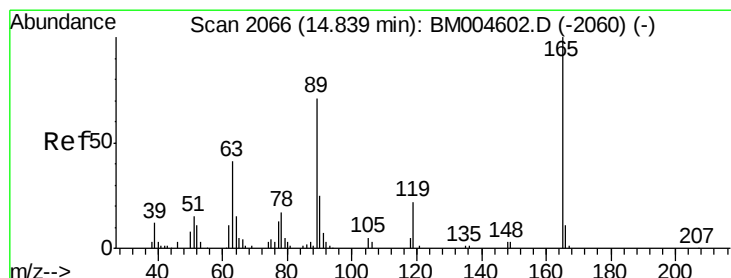
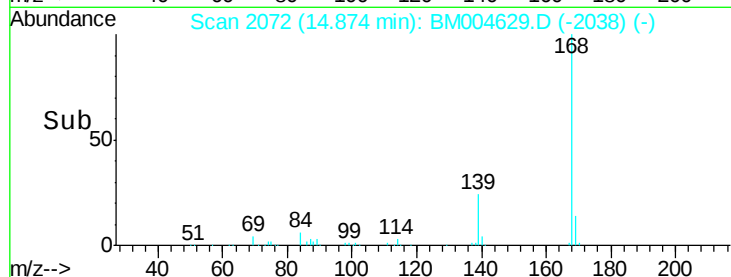
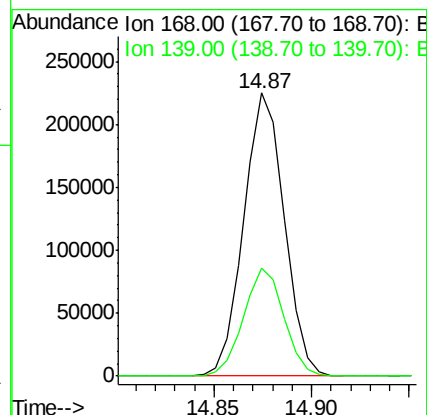
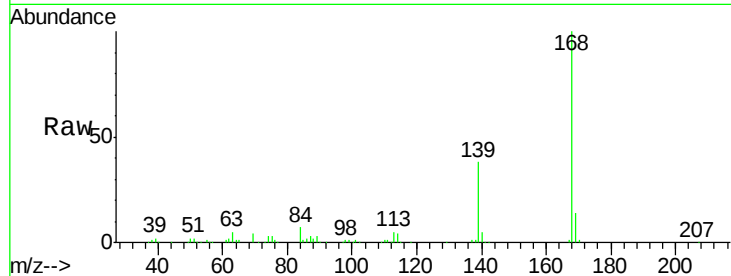
ClientSampled :

Tot Ion:168 Resp: 323670

Ion Ratio Lower Upper

168 100

139 38.0 32.2 48.2



#55

2,4-Dinitrotoluene

Concen: 19.46 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

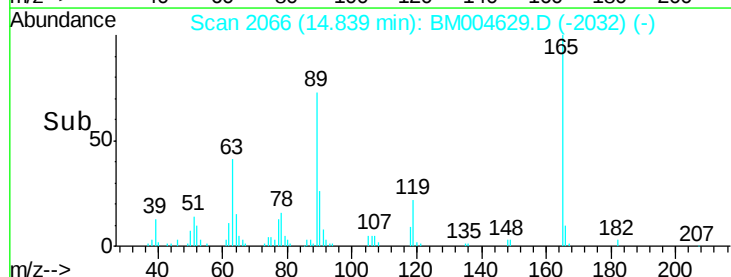
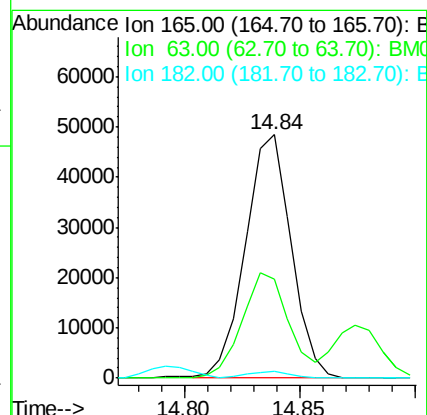
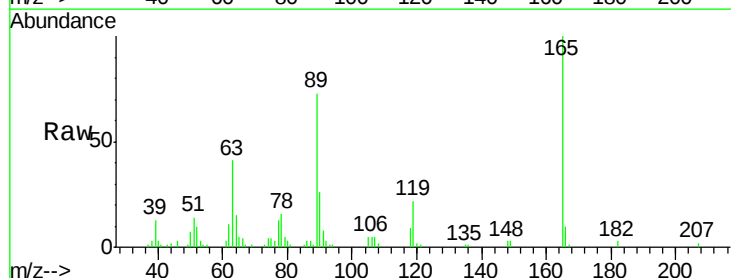
Tgt Ion:165 Resp: 67017

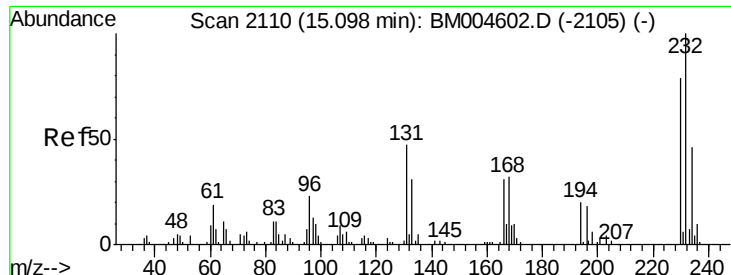
Ion Ratio Lower Upper

165 100

63 40.8 29.8 44.6

182 2.8 2.2 3.4

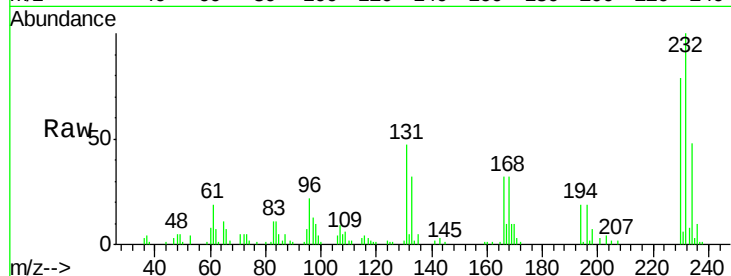




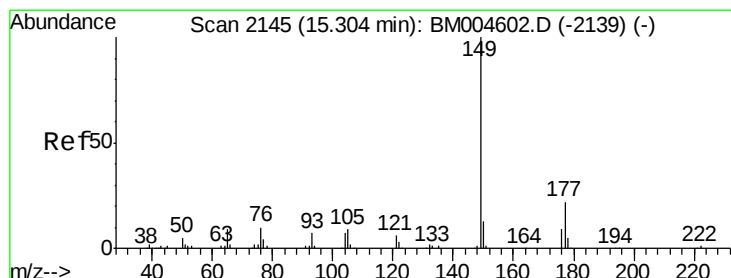
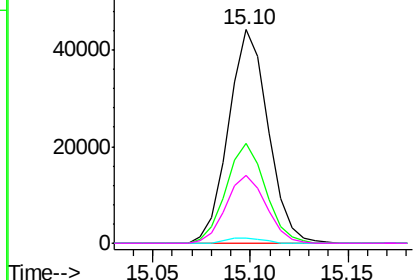
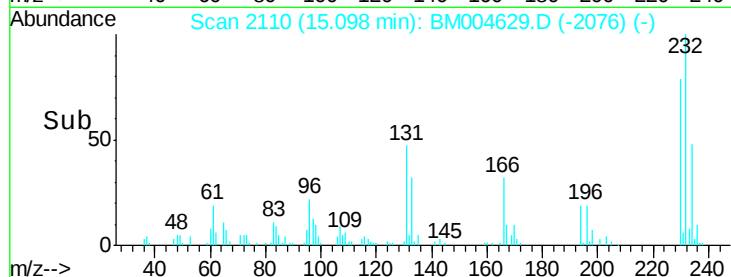
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.27 ng/ul  
 RT: 15.10 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:232 Resp: 62434  
 Ion Ratio Lower Upper  
 232 100  
 131 46.7 39.4 59.2  
 130 2.4 2.2 3.2  
 166 31.5 26.6 39.8

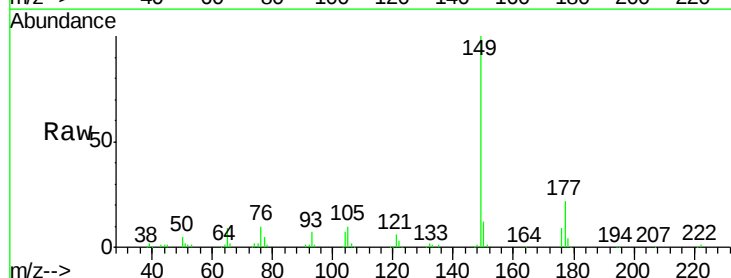


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

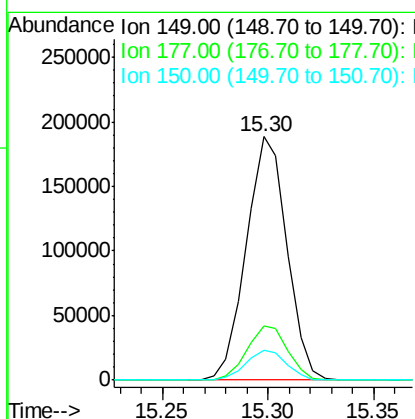
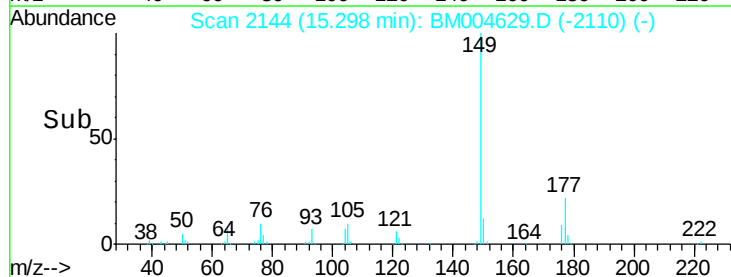


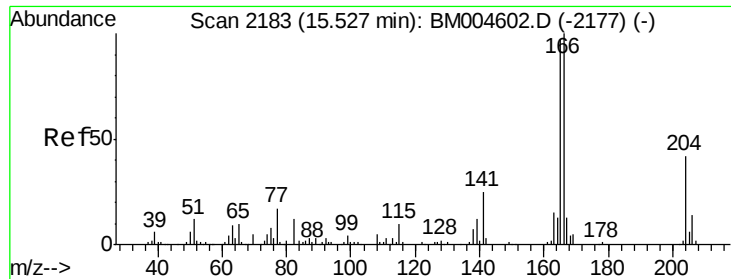
#57  
 Diethylphthalate  
 Concen: 19.26 ng/ul  
 RT: 15.30 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Tgt Ion:149 Resp: 251653  
 Ion Ratio Lower Upper  
 149 100  
 177 22.1 17.4 26.2  
 150 12.4 10.0 15.0



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





#59

Fluorene

Concen: 20.49 ng/ul

RT: 15.53 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampled :

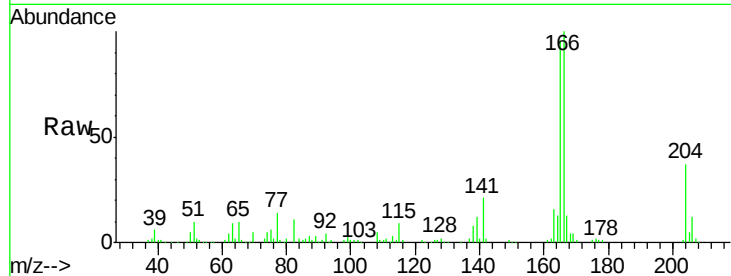
Tot Ion:166 Resp: 261026

Ion Ratio Lower Upper

166 100

165 95.8 78.5 117.7

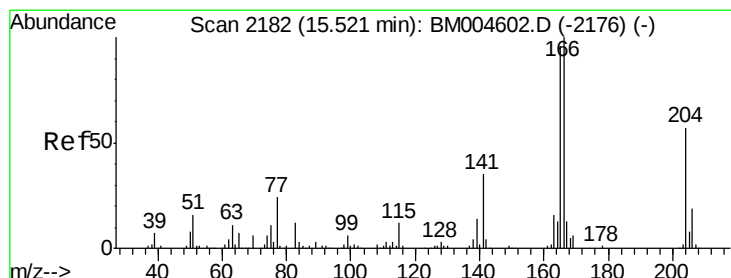
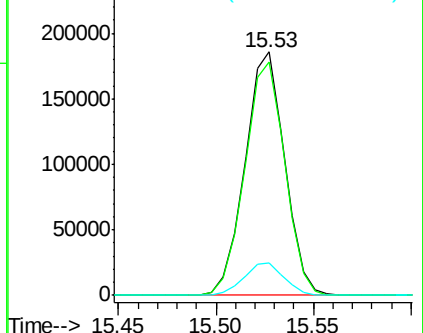
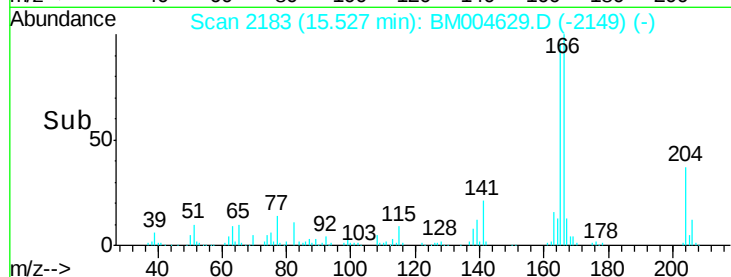
167 13.2 10.7 16.1



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-Chlorophenyl-phenylether

Concen: 20.22 ng/ul

RT: 15.52 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

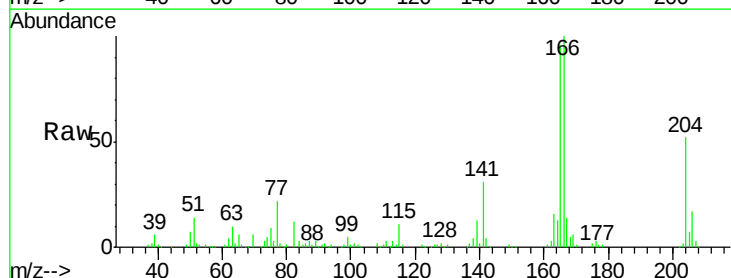
Tgt Ion:204 Resp: 122828

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.4

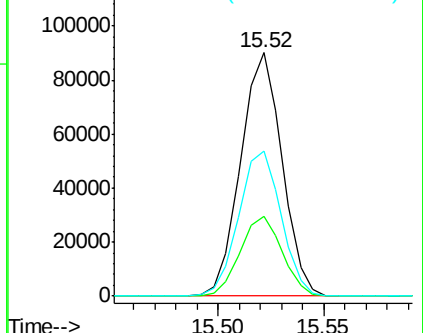
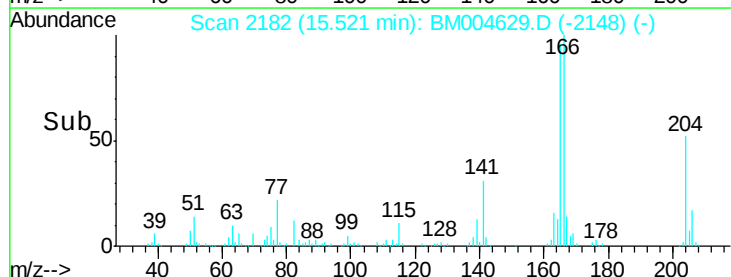
141 59.5 54.6 81.8

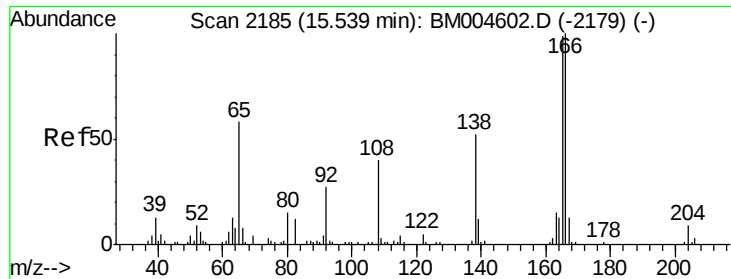


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

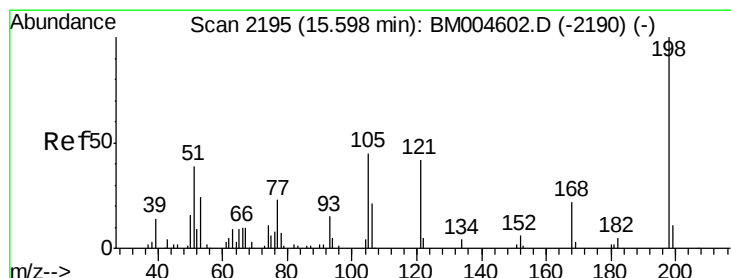
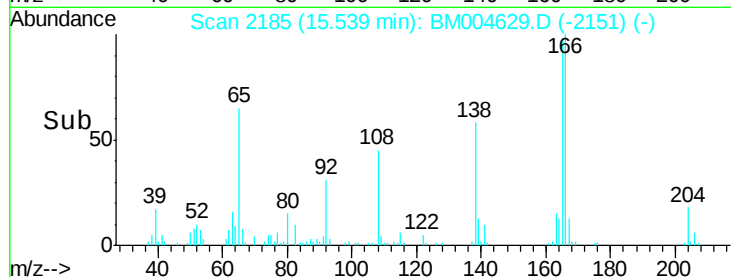
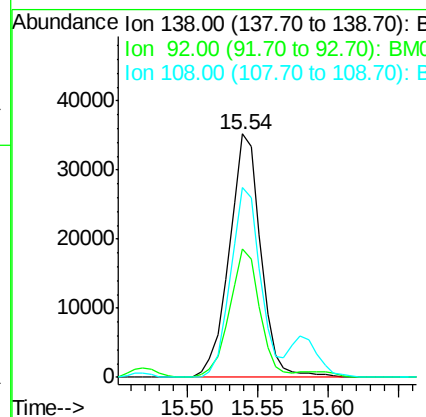
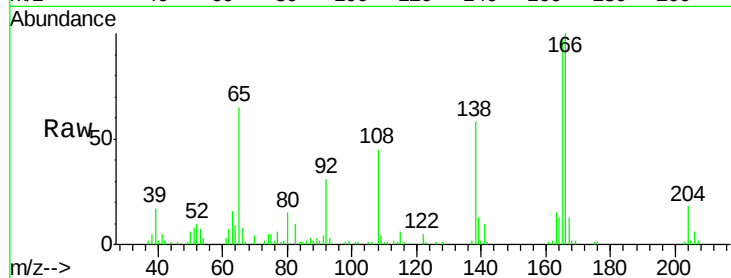




#61  
4-Nitroaniline  
Concen: 20.61 ng/ul  
RT: 15.54 min Scan# 2185  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

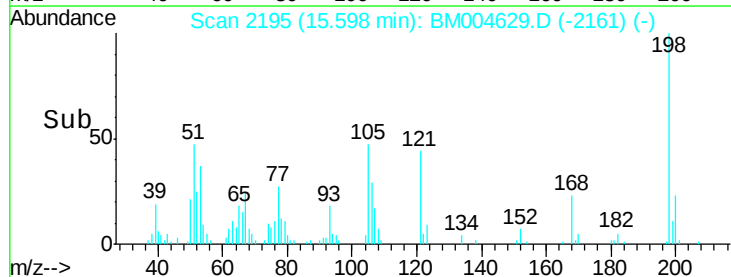
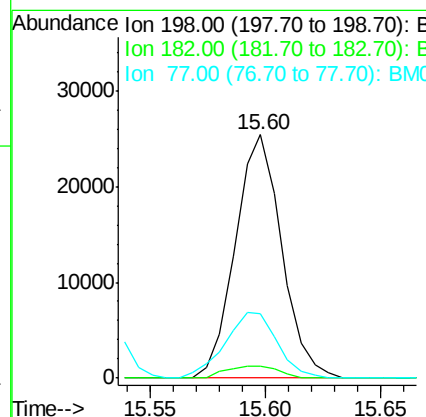
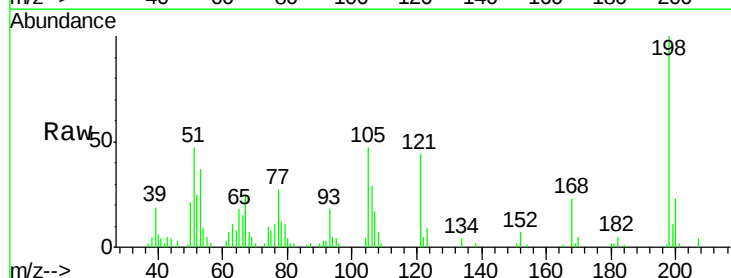
Instrument :  
BNA\_M  
ClientSampleId :

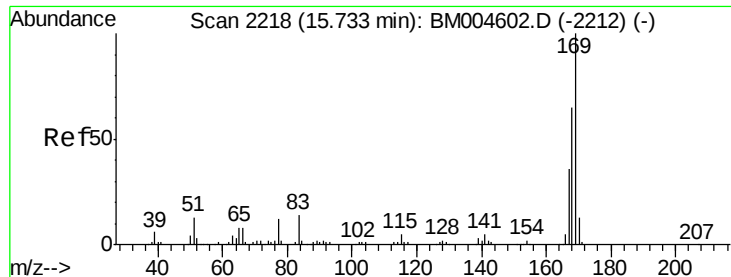
Tot Ion:138 Resp: 54694  
Ion Ratio Lower Upper  
138 100  
92 52.5 40.6 60.8  
108 78.0 67.0 100.6



#64  
4,6-Dinitro-2-methylphenol  
Concen: 17.44 ng/ul  
RT: 15.60 min Scan# 2195  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion:198 Resp: 35577  
Ion Ratio Lower Upper  
198 100  
182 4.7 3.1 4.7#  
77 26.6 20.1 30.1

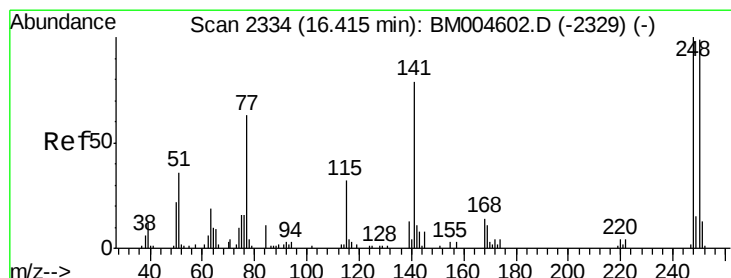
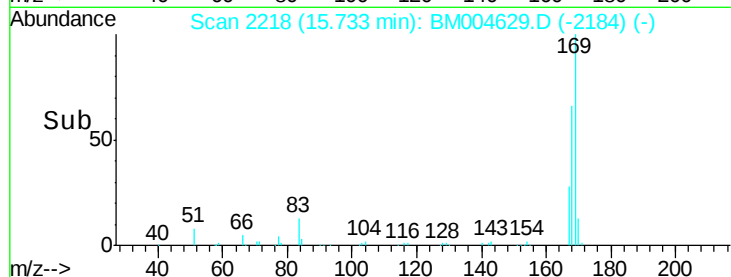
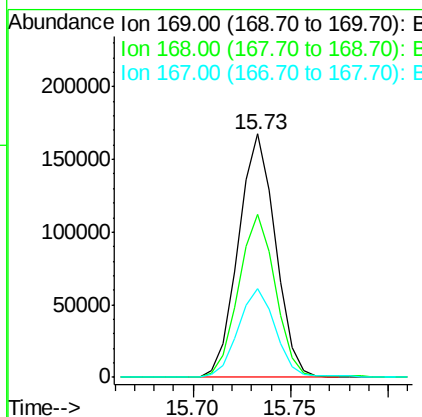
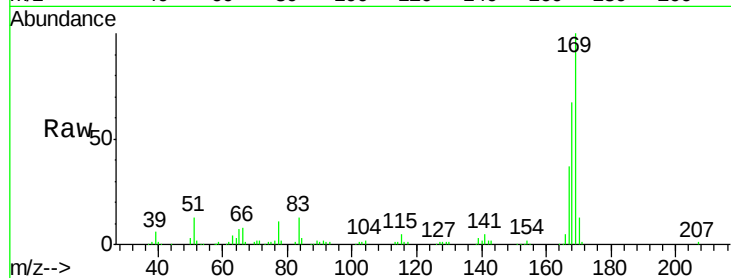




#65  
N-Nitrosodiphenylamine  
Concen: 20.45 ng/ul  
RT: 15.73 min Scan# 2218  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

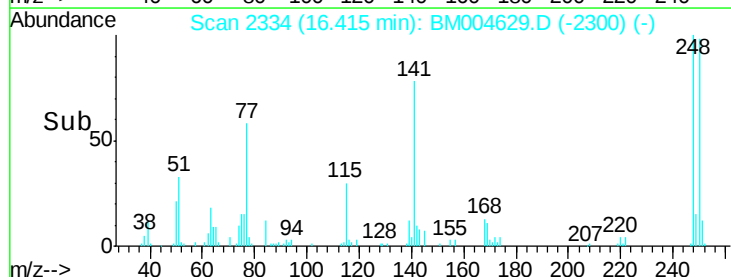
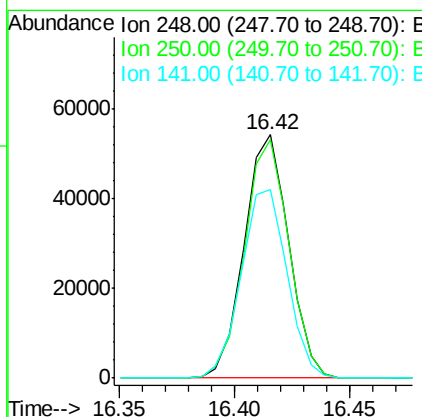
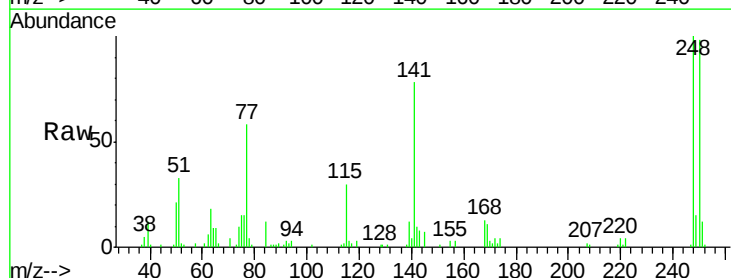
Instrument :  
BNA\_M  
ClientSampled :

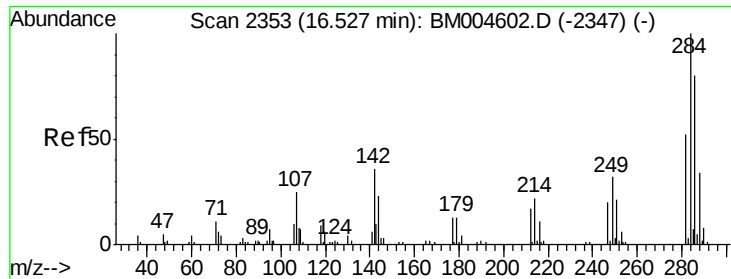
Tot Ion:169 Resp: 221300  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.8 80.8  
167 36.7 29.3 43.9



#66  
4-Bromophenyl-phenylether  
Concen: 20.27 ng/ul  
RT: 16.42 min Scan# 2334  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion:248 Resp: 72942  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.7 118.1  
141 77.5 72.2 108.2

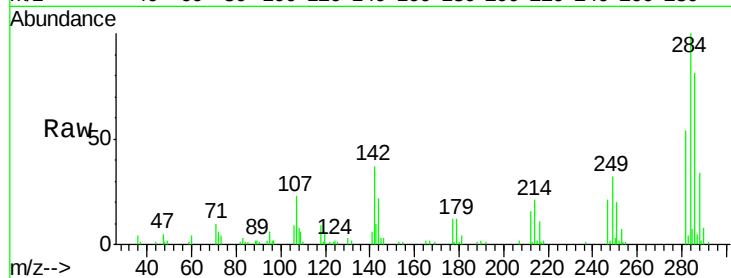




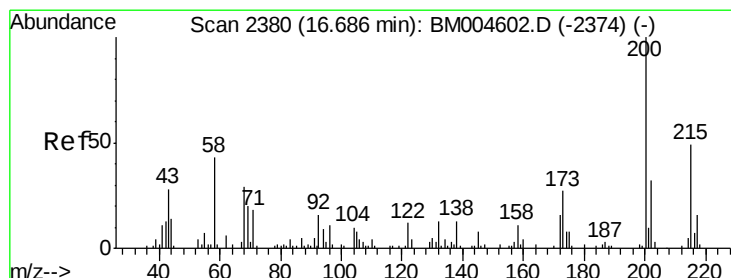
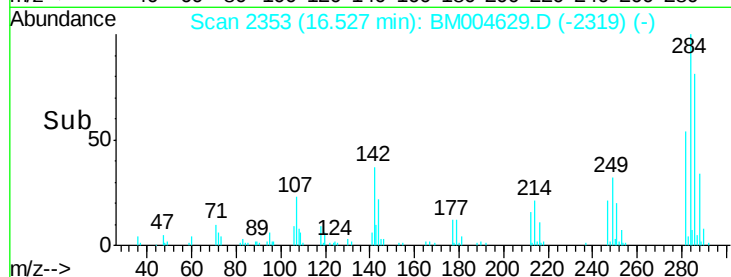
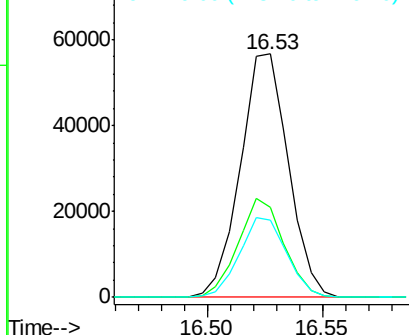
#67  
Hexachlorobenzene  
Concen: 20.38 ng/ul  
RT: 16.53 min Scan# 2353  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:284 Resp: 82324  
Ion Ratio Lower Upper  
284 100  
142 36.9 33.1 49.7  
249 31.7 27.1 40.7

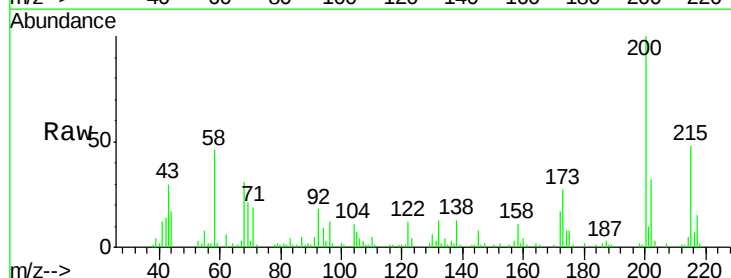


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

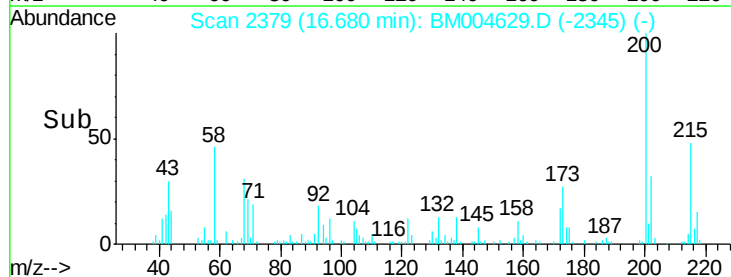
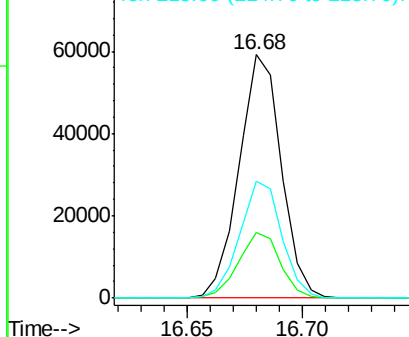


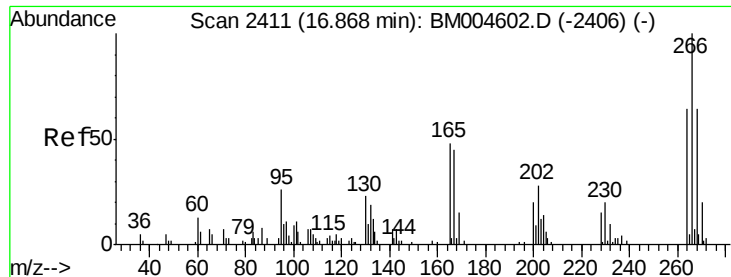
#68  
Atrazine  
Concen: 19.77 ng/ul  
RT: 16.68 min Scan# 2379  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion:200 Resp: 75620  
Ion Ratio Lower Upper  
200 100  
173 27.1 21.6 32.4  
215 48.0 37.0 55.4



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

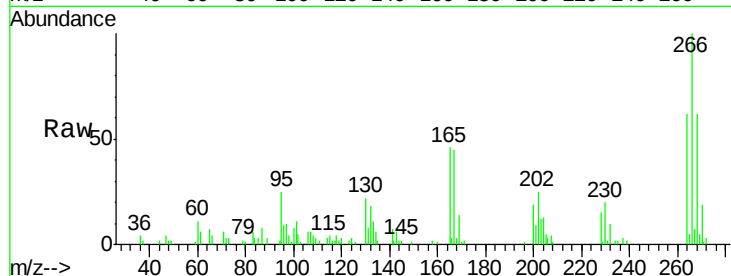




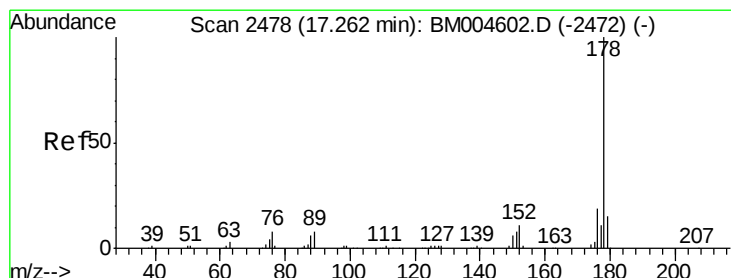
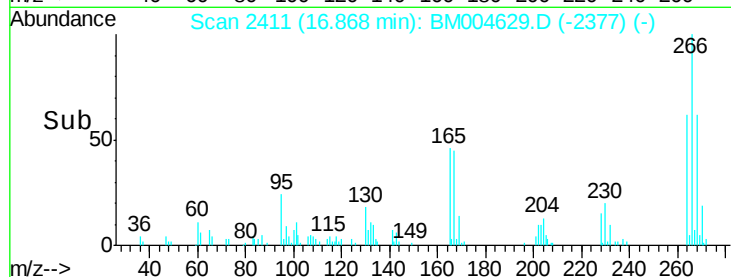
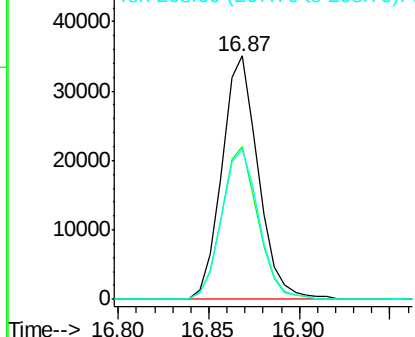
#69  
 Pentachlorophenol  
 Concen: 18.61 ng/ul  
 RT: 16.87 min Scan# 2411  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:266 Resp: 48755  
 Ion Ratio Lower Upper  
 266 100  
 264 62.5 50.5 75.7  
 268 61.7 50.9 76.3

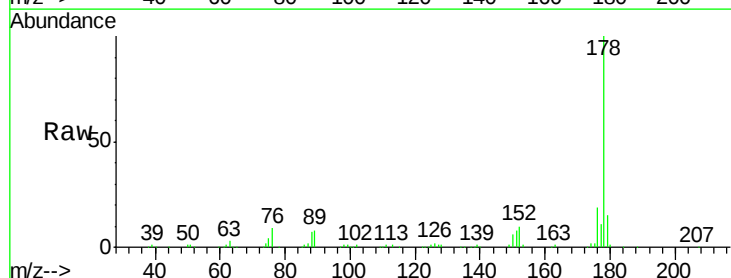


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

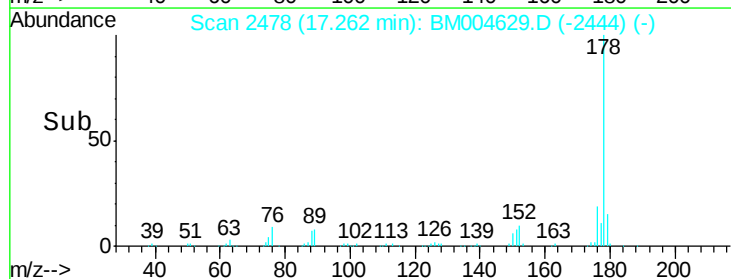
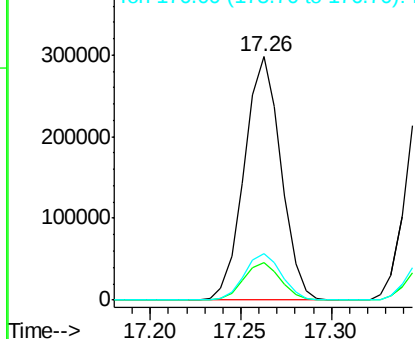


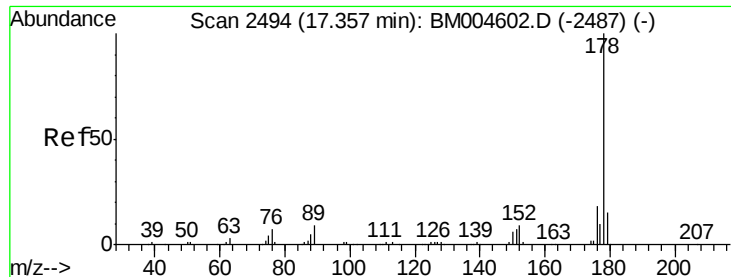
#70  
 Phenanthrene  
 Concen: 20.48 ng/ul  
 RT: 17.26 min Scan# 2478  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Tgt Ion:178 Resp: 418170  
 Ion Ratio Lower Upper  
 178 100  
 179 15.5 12.2 18.4  
 176 19.0 15.6 23.4



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

Anthracene

Concen: 20.76 ng/uL

RT: 17.35 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

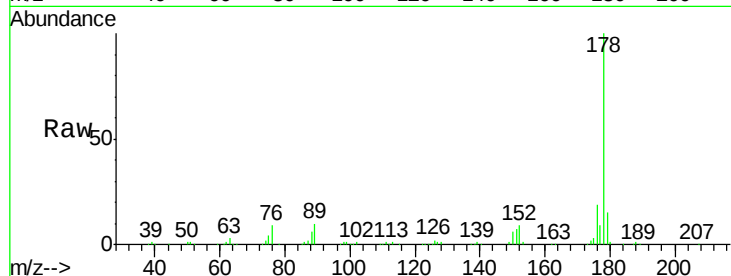
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 426829

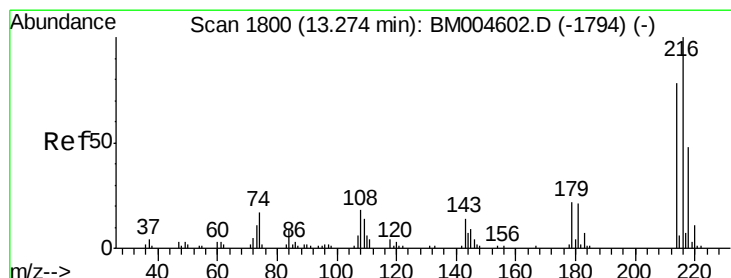
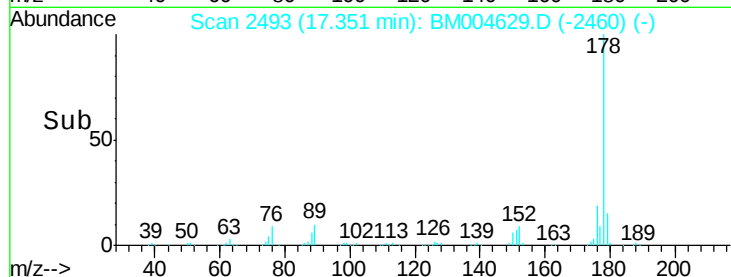
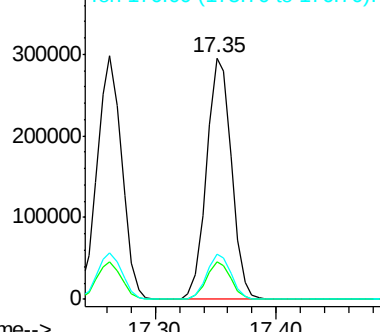
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 12.1  | 18.1  |
| 176 | 18.9  | 14.8  | 22.2  |



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 21.07 ng/uL

RT: 13.27 min Scan# 1800

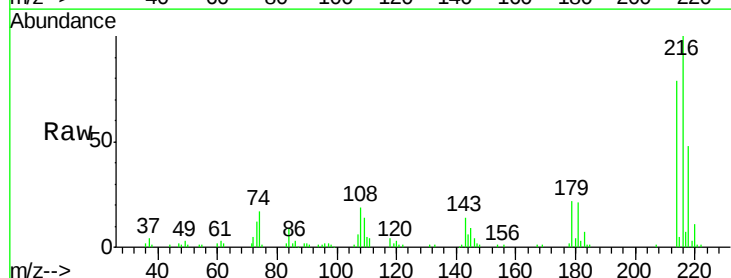
Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Tgt Ion:216 Resp: 103569

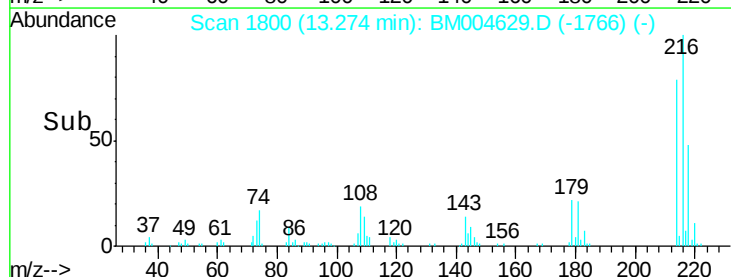
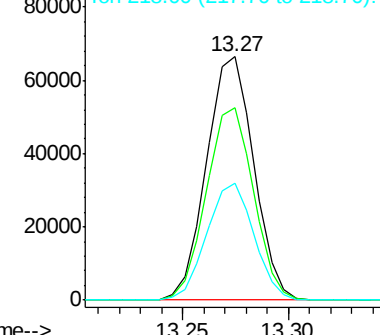
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.3  | 62.5  | 93.7  |
| 218 | 48.2  | 38.4  | 57.6  |

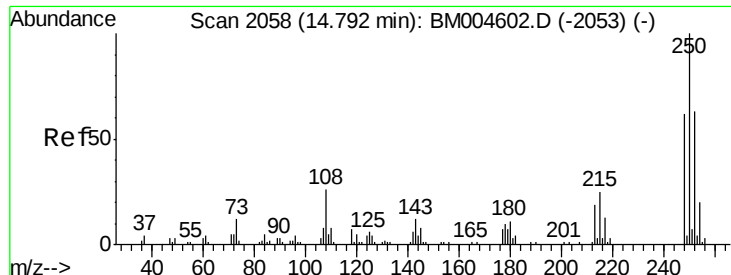


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 20.77 ng/uL

RT: 14.79 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

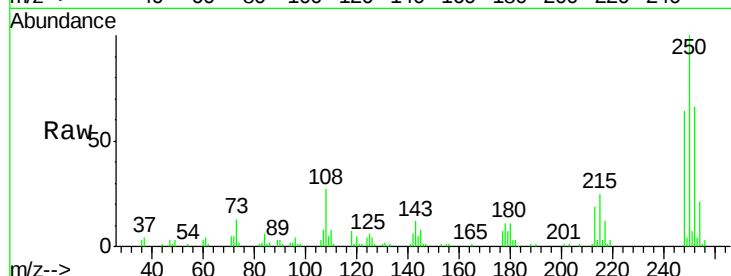
Tot Ion:250 Resp: 98544

Ion Ratio Lower Upper

250 100

248 63.7 50.6 75.8

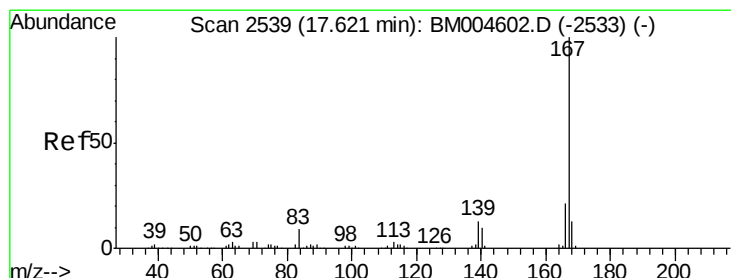
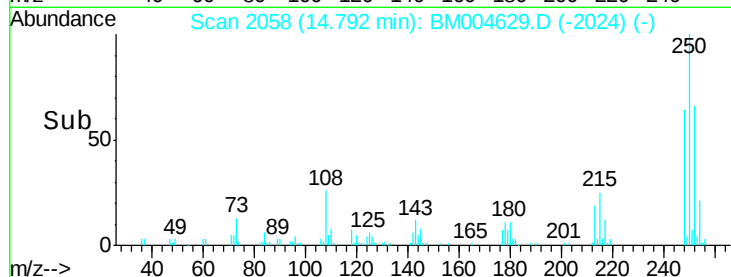
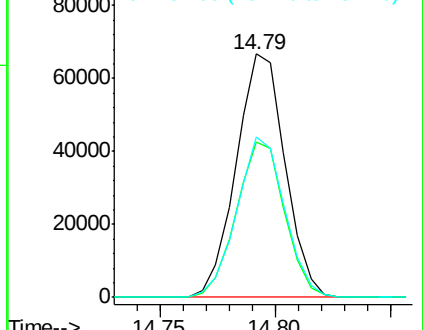
252 65.8 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 21.29 ng/uL

RT: 17.62 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

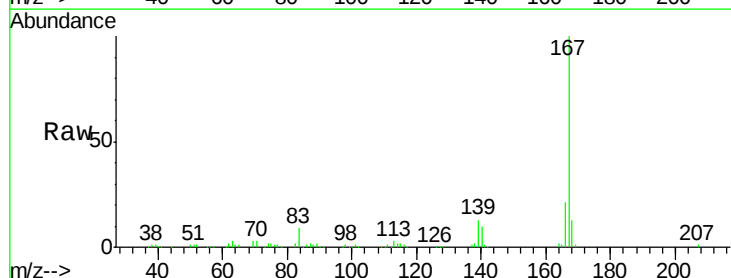
Tgt Ion:167 Resp: 391329

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

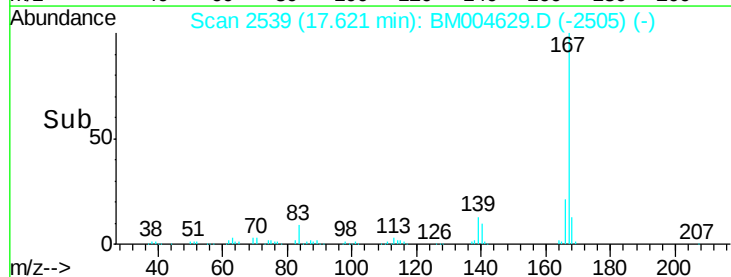
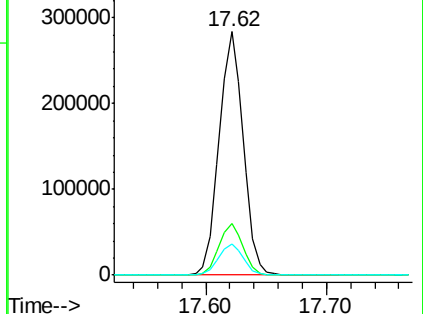
139 12.9 11.0 16.4

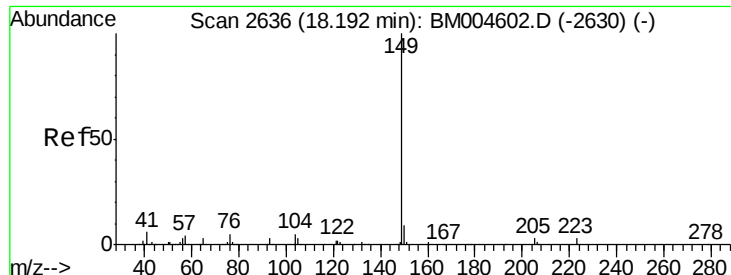


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

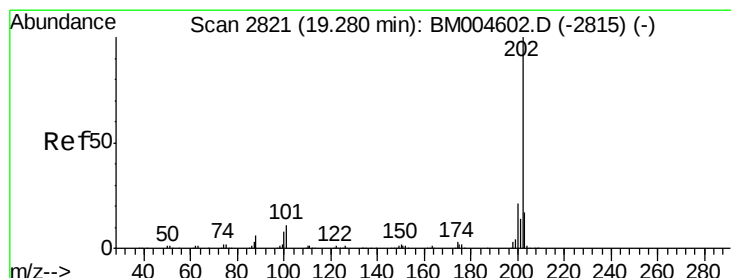
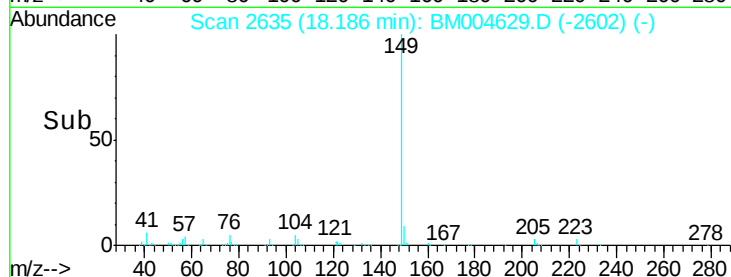
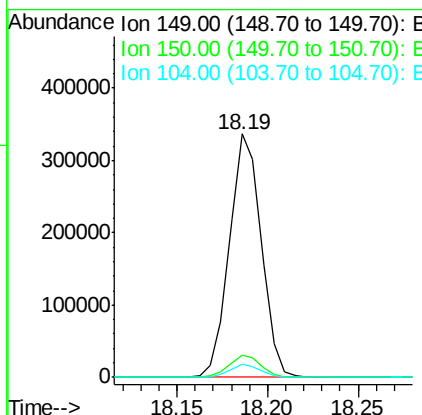
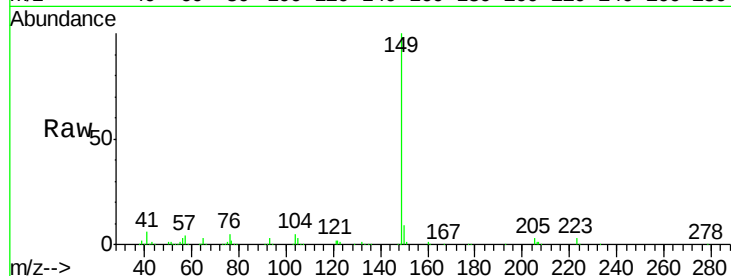




#76  
Di-n-butylphthalate  
Concen: 15.77 ng/ul  
RT: 18.19 min Scan# 2635  
Delta R.T. -0.01 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

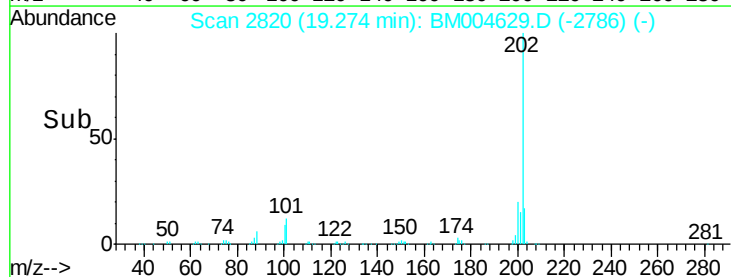
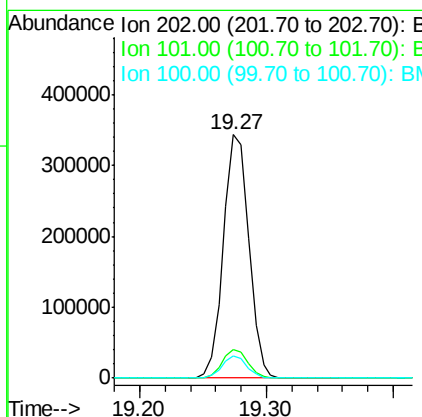
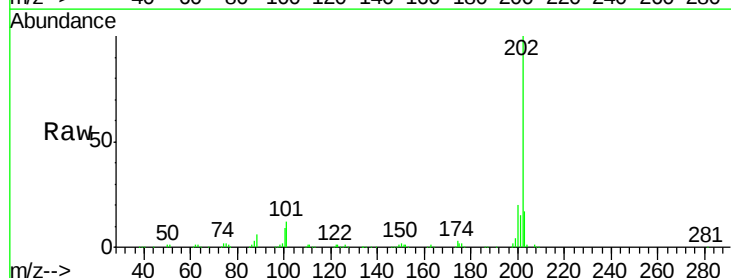
Instrument :  
BNA\_M  
ClientSampleId :

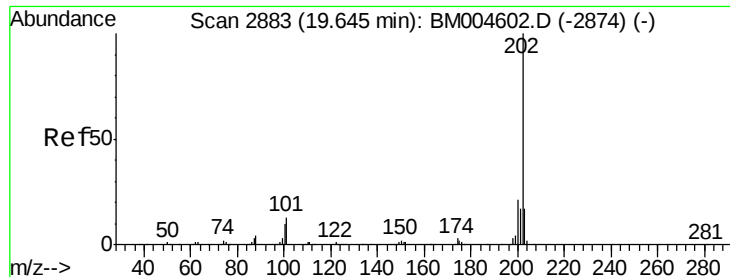
Tot Ion:149 Resp: 411058  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 5.3 4.0 6.0



#77  
Fluoranthene  
Concen: 21.22 ng/ul  
RT: 19.27 min Scan# 2820  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion:202 Resp: 478331  
Ion Ratio Lower Upper  
202 100  
101 11.8 8.8 13.2  
100 9.0 6.6 9.8

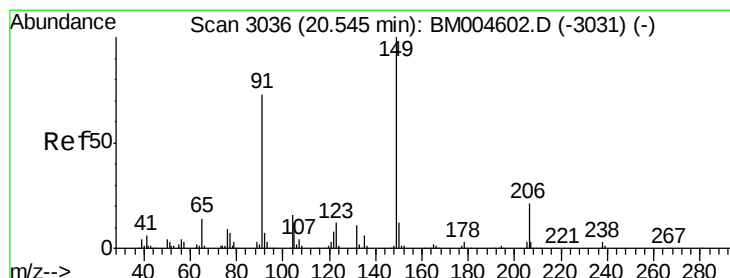
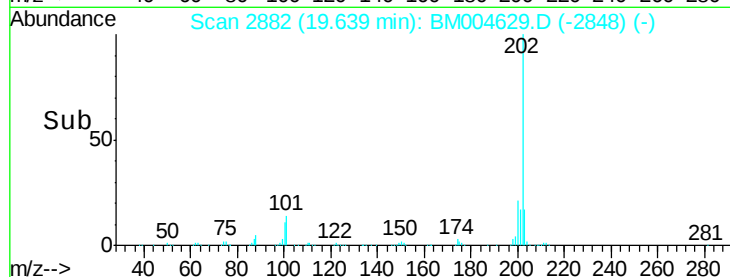
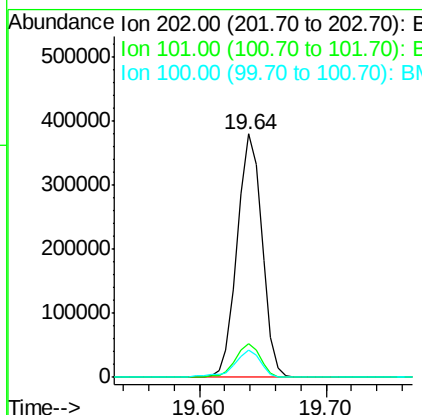
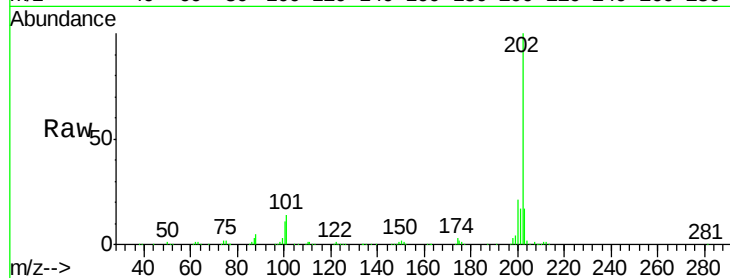




#80  
Pvrene  
Concen: 20.37 ng/ul  
RT: 19.64 min Scan# 2882  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

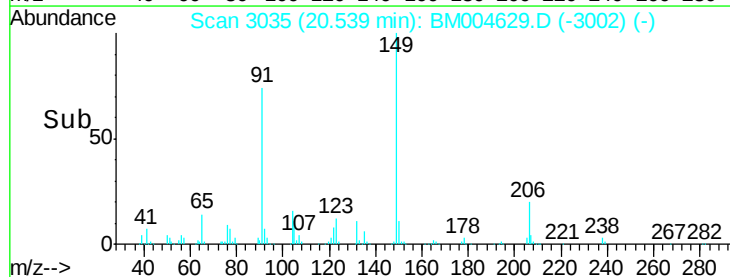
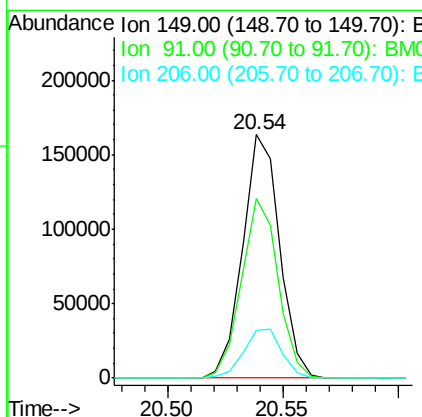
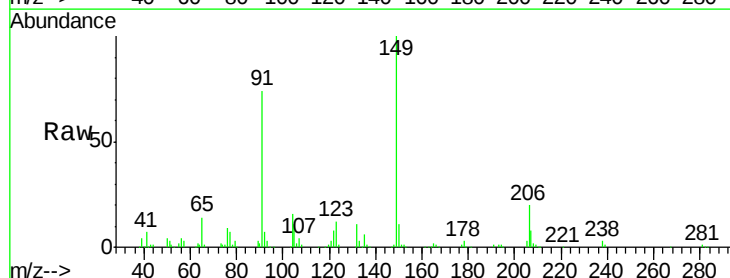
Instrument :  
BNA\_M  
ClientSampleId :

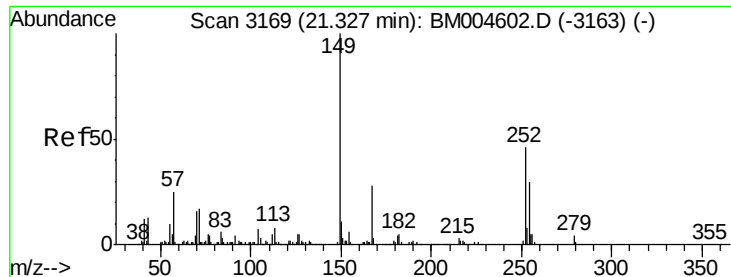
Tot Ion:202 Resp: 513604  
Ion Ratio Lower Upper  
202 100  
101 13.9 10.2 15.2  
100 11.1 8.5 12.7



#81  
Butylbenzylphthalate  
Concen: 18.21 ng/ul  
RT: 20.54 min Scan# 3035  
Delta R.T. -0.01 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

Tgt Ion:149 Resp: 183601  
Ion Ratio Lower Upper  
149 100  
91 74.0 53.4 80.2  
206 19.7 16.6 24.8

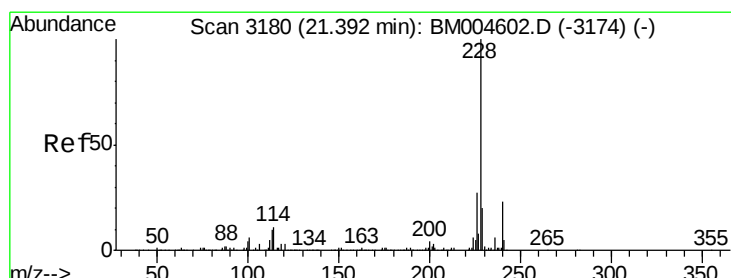
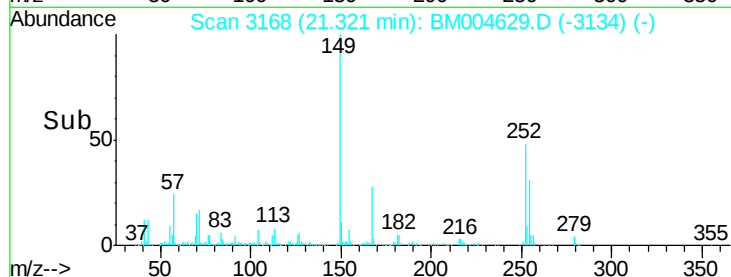
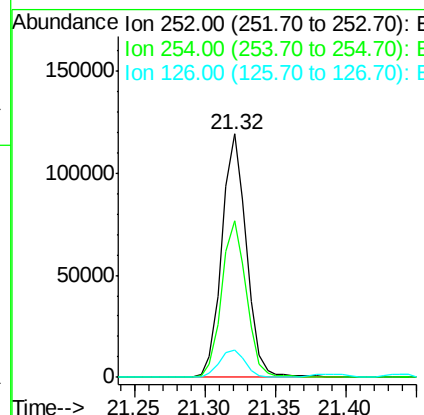
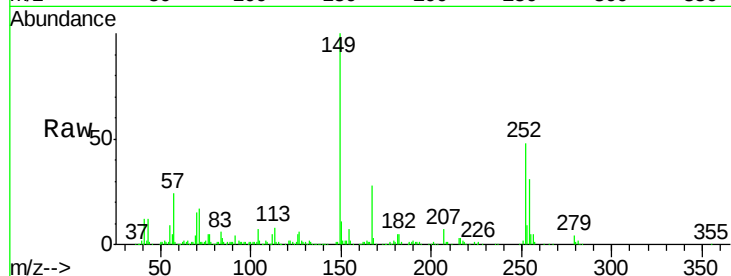




#82  
 3,3'-Dichlorobenzidine  
 Concen: 22.54 ng/ul  
 RT: 21.32 min Scan# 3168  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

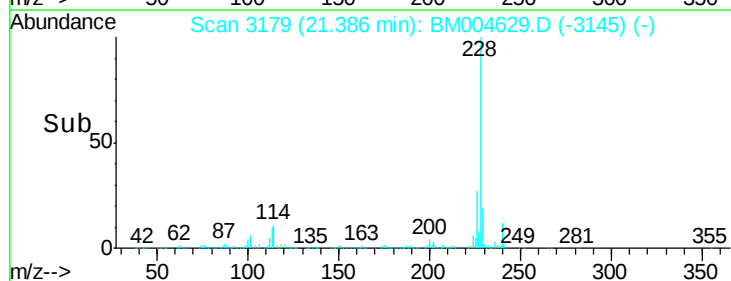
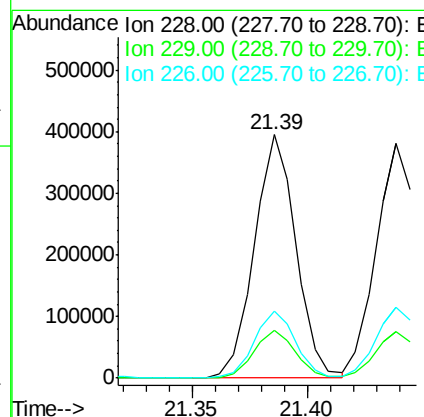
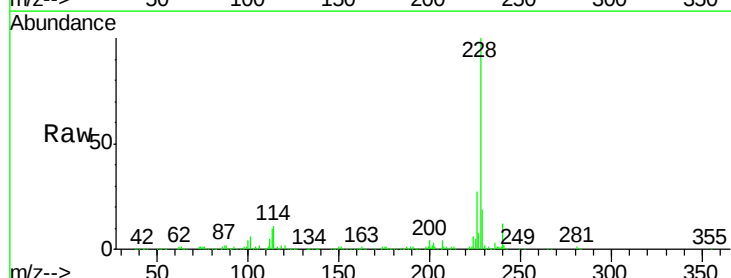
Instrument :  
 BNA\_M  
 ClientSampleId :

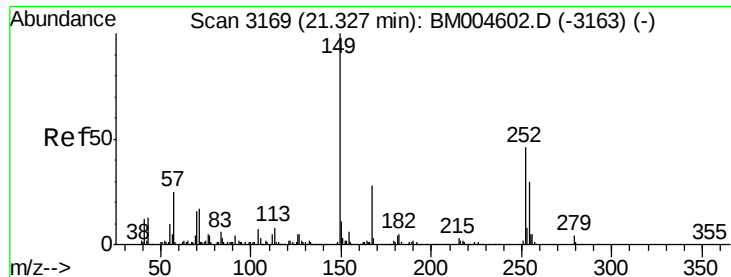
Tot Ion:252 Resp: 144810  
 Ion Ratio Lower Upper  
 252 100  
 254 64.1 52.2 78.2  
 126 11.1 9.4 14.2



#83  
 Benzo(a)anthracene  
 Concen: 20.45 ng/ul  
 RT: 21.39 min Scan# 3179  
 Delta R.T. -0.00 min  
 Lab File: BM004629.D  
 Acq: 16 Mar 2016 10:48

Tgt Ion:228 Resp: 496604  
 Ion Ratio Lower Upper  
 228 100  
 229 19.4 15.7 23.5  
 226 27.3 21.8 32.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.54 ng/ul

RT: 21.32 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

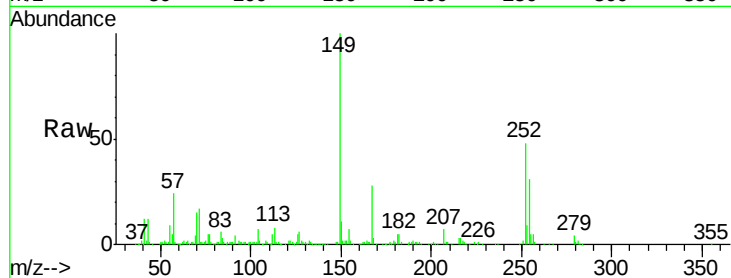
Tot Ion:149 Resp: 280066

Ion Ratio Lower Upper

149 100

167 28.1 21.6 32.4

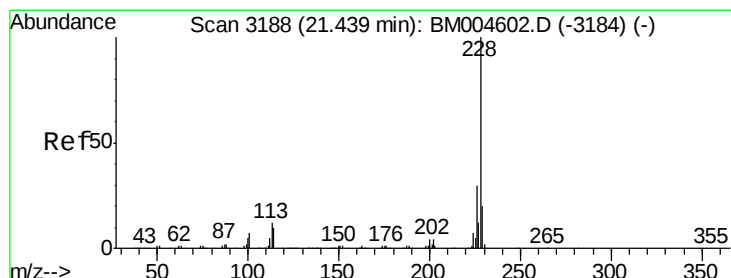
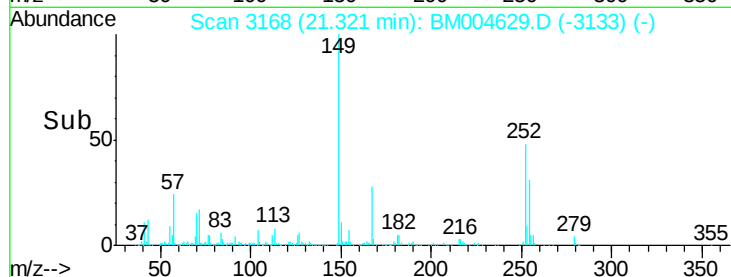
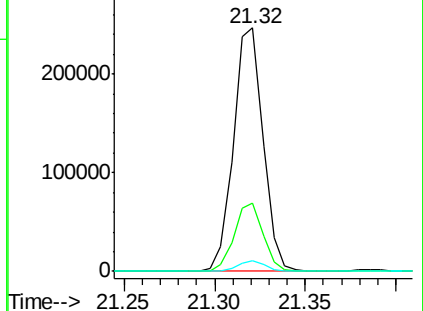
279 4.5 3.0 4.4#



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



#85

Chrysene

Concen: 20.40 ng/ul

RT: 21.44 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

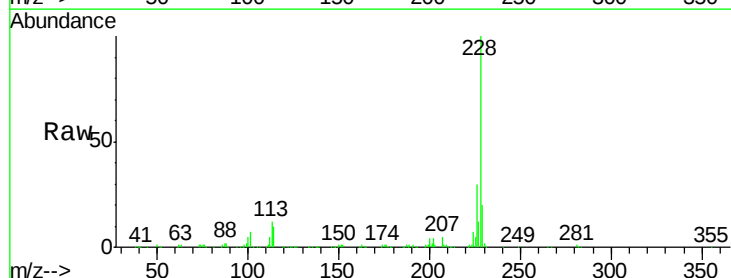
Tgt Ion:228 Resp: 473052

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

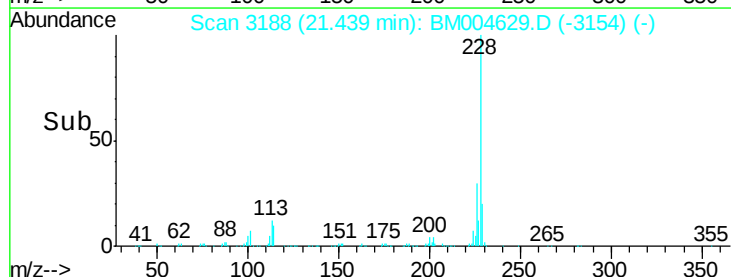
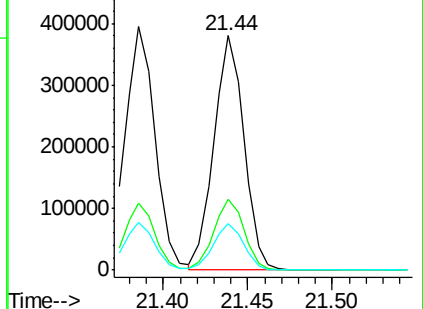
229 19.6 15.6 23.4

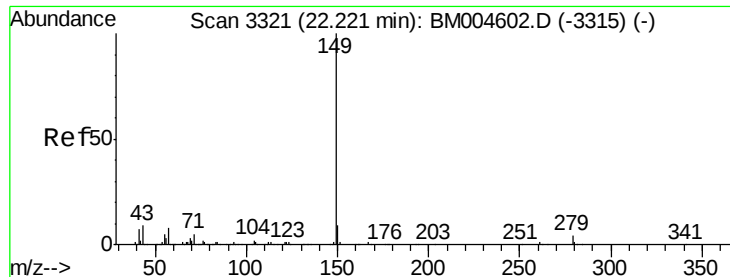


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

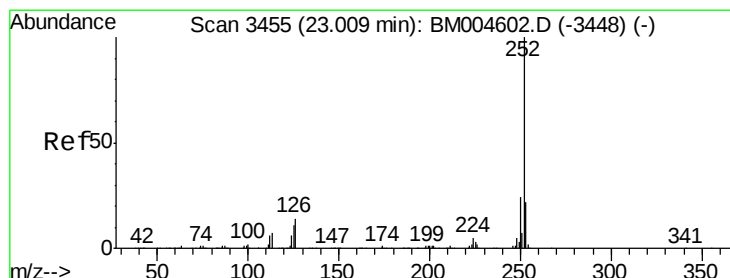
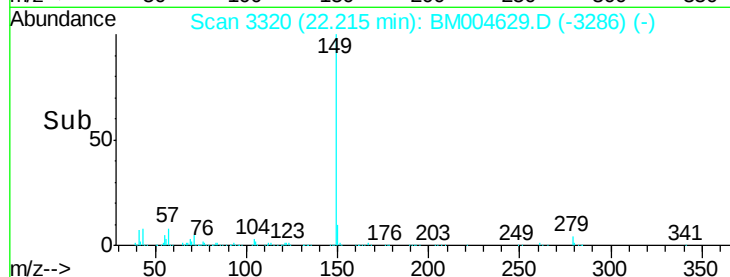
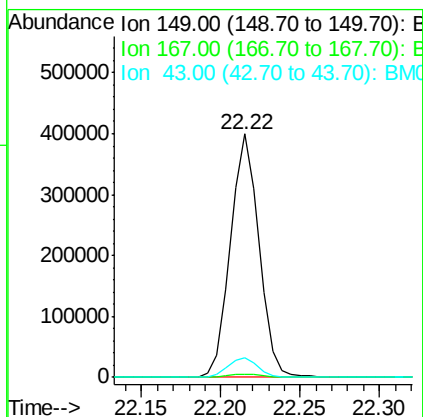
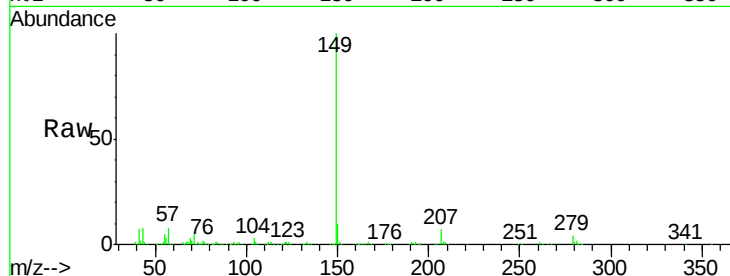




#87  
Di-n-octyl phthalate  
Concen: 19.95 ng/ul  
RT: 22.22 min Scan# 3320  
Delta R.T. -0.00 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

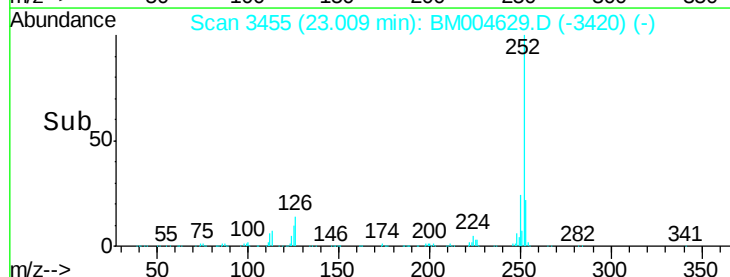
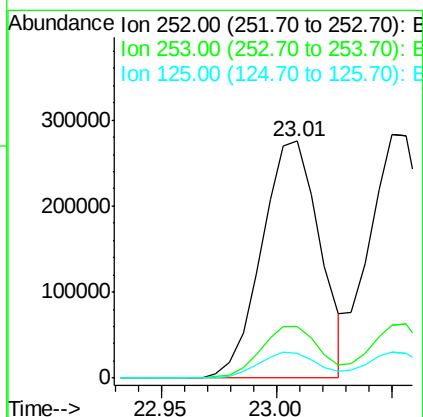
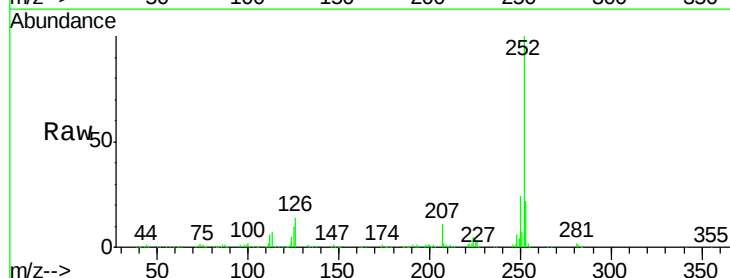
Instrument :  
BNA\_M  
ClientSampleId :

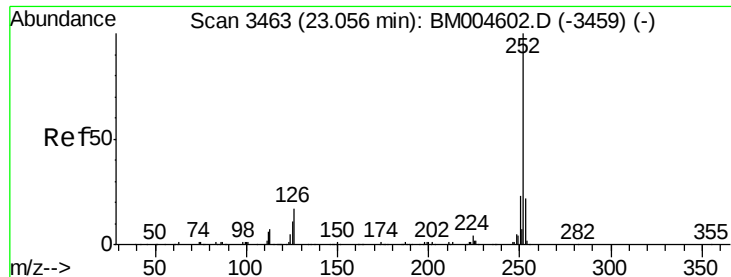
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 8.2   | 5.6   | 8.4   |



#88  
Benzo(b)fluoranthene  
Concen: 19.52 ng/ul  
RT: 23.01 min Scan# 3455  
Delta R.T. 0.01 min  
Lab File: BM004629.D  
Acq: 16 Mar 2016 10:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.5  | 26.3  |
| 125     | 10.4  | 8.5   | 12.7  |





#89

Benzo(k)fluoranthene

Concen: 20.84 ng/ul

RT: 23.05 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

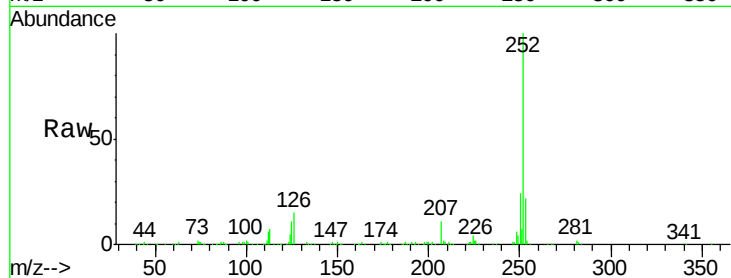
Tot Ion:252 Resp: 490089

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

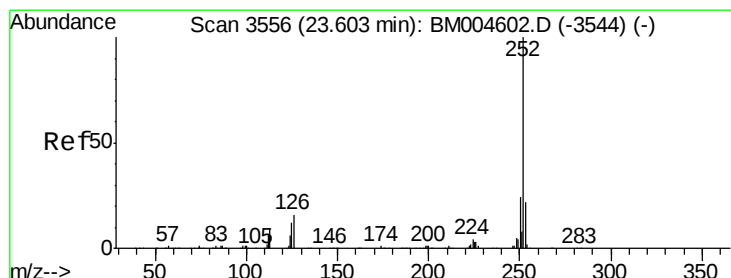
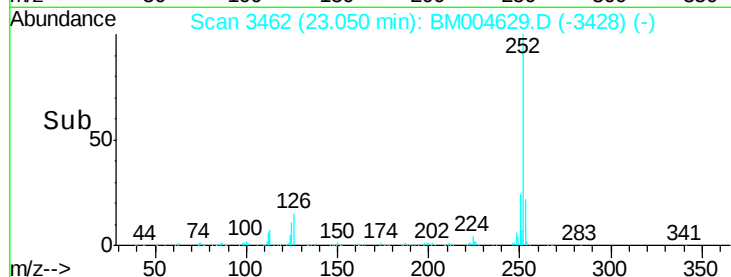
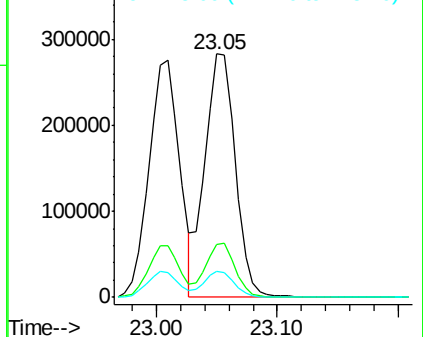
125 10.9 8.2 12.2



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



#91

Benzo(a)pyrene

Concen: 20.23 ng/ul

RT: 23.60 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

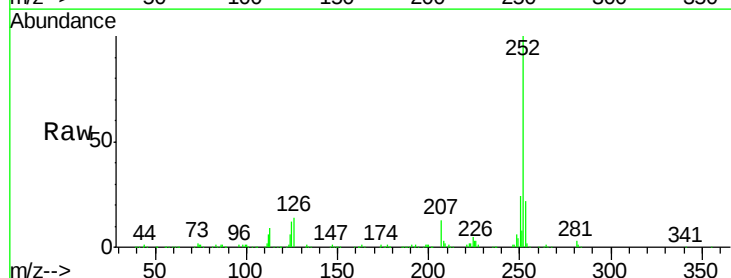
Tgt Ion:252 Resp: 479592

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

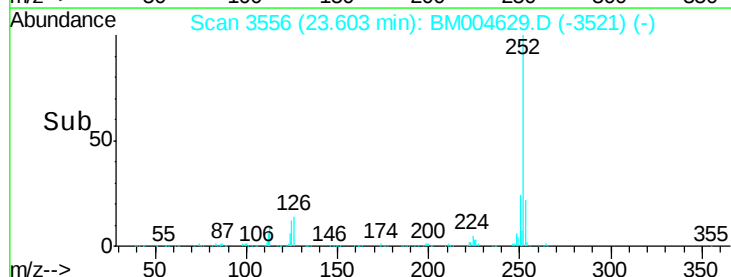
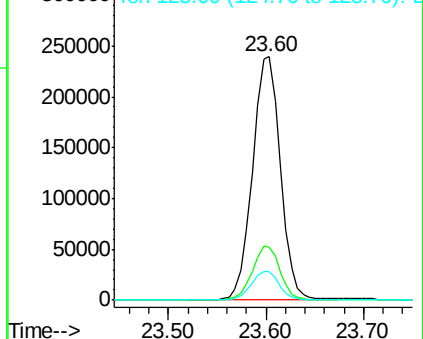
125 11.7 9.0 13.6

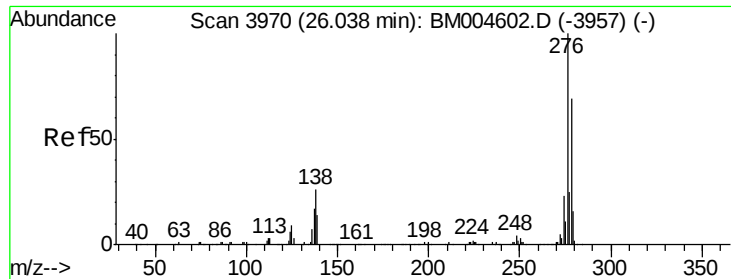


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 20.02 ng/ul

RT: 26.03 min Scan# 3969

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

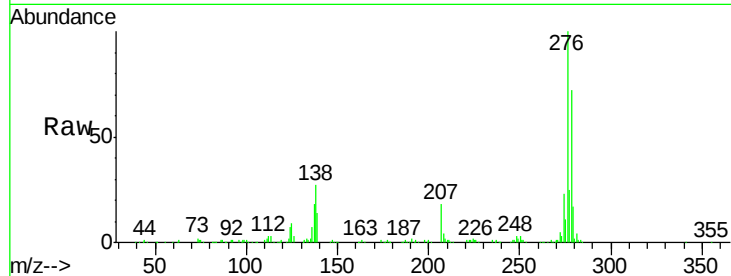
Tot Ion:276 Resp: 533625

Ion Ratio Lower Upper

276 100

138 26.6 22.3 33.5

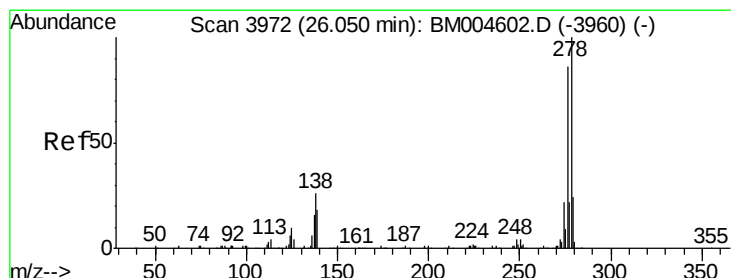
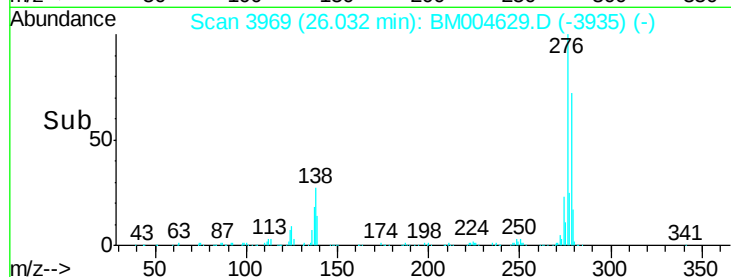
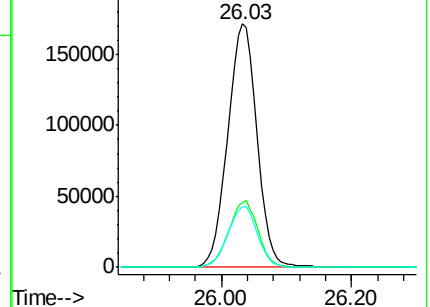
277 25.0 20.2 30.2



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



#93

Dibenzo(a,h)anthracene

Concen: 20.03 ng/ul

RT: 26.04 min Scan# 3971

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

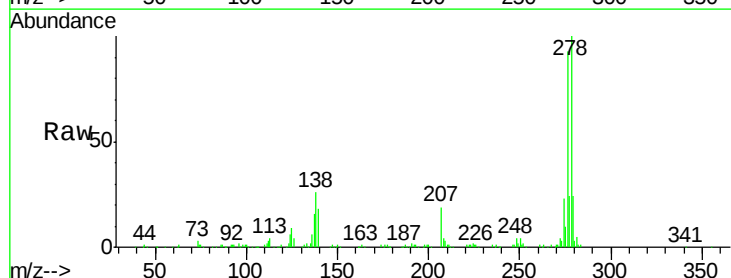
Tgt Ion:278 Resp: 441736

Ion Ratio Lower Upper

278 100

139 18.0 13.9 20.9

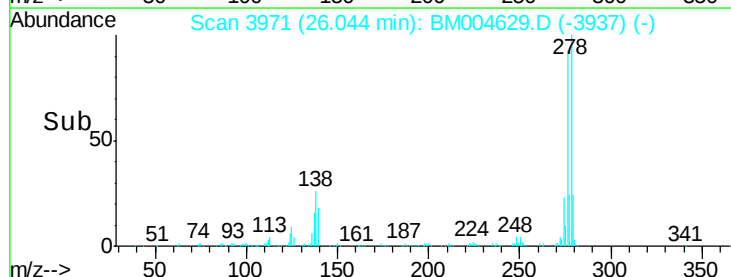
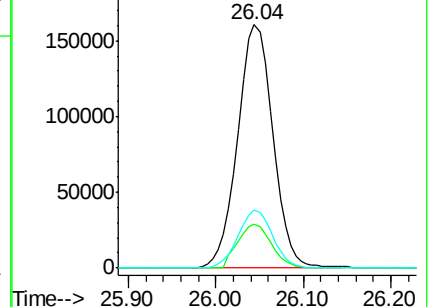
279 23.8 19.0 28.4

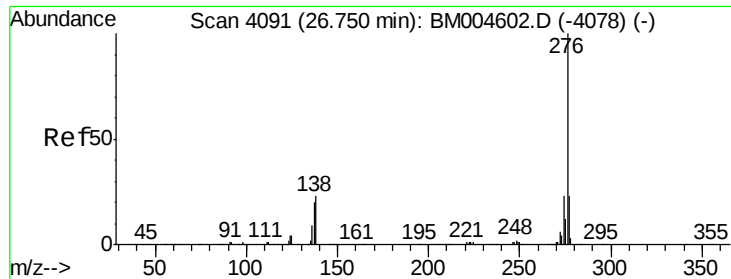


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 19.76 ng/ul

RT: 26.74 min Scan# 4090

Delta R.T. -0.00 min

Lab File: BM004629.D

Acq: 16 Mar 2016 10:48

Instrument :

BNA\_M

ClientSampleId :

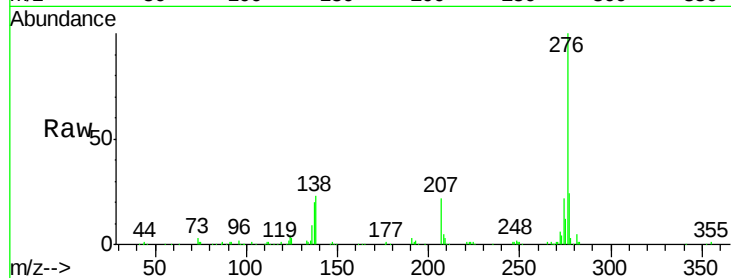
Tot Ion:276 Resp: 446022

Ion Ratio Lower Upper

276 100

138 23.1 18.9 28.3

277 23.6 19.2 28.8



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

