

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\  
 Data File : BM010179.D  
 Acq On : 24 May 2017 14:15  
 Operator : SJ/MA  
 Sample : PB99207BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

Quant Time: May 25 05:25:33 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:25:49 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 129483   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.76 | 136  | 445547   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 14.59 | 164  | 280029   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.33 | 188  | 646782   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.49 | 240  | 954551   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 23.85 | 264  | 1183875  | 20.00 | ng    | -0.04    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.53  | 112 | 920533  | 128.38 | ng | -0.02 |
| 7) Phenol-d6                | 7.14  | 99  | 1106403 | 119.92 | ng | -0.03 |
| 23) Nitrobenzene-d5         | 9.14  | 82  | 744207  | 90.12  | ng | -0.03 |
| 41) 2,4,6-Tribromophenol    | 16.07 | 330 | 535482  | 125.91 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 13.20 | 172 | 1913218 | 87.83  | ng | -0.03 |
| 78) Terphenyl-d14           | 19.93 | 244 | 2972053 | 70.80  | ng | -0.02 |

|                                |       |     |        |        |    |        |
|--------------------------------|-------|-----|--------|--------|----|--------|
| Target Compounds               |       |     |        |        |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.43  | 88  | 117808 | 35.76  | ng | # 100  |
| 3) Pyridine                    | 3.85  | 79  | 297933 | 33.78  | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.76  | 42  | 155719 | 48.82  | ng | # 73   |
| 6) Aniline                     | 7.30  | 93  | 268804 | 23.51  | ng | 96     |
| 8) 2-Chlorophenol              | 7.53  | 128 | 291264 | 37.34  | ng | 93     |
| 9) Benzaldehyde                | 7.11  | 77  | 78738  | 13.71  | ng | 81     |
| 10) Phenol                     | 7.17  | 94  | 368460 | 37.90  | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.39  | 93  | 253093 | 34.92  | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.83  | 146 | 360344 | 36.35  | ng | # 89   |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 368168 | 36.15  | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.30  | 146 | 357221 | 36.54  | ng | 97     |
| 15) Benzyl Alcohol             | 8.22  | 79  | 284845 | 40.80  | ng | # 87   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.47  | 45  | 217280 | 30.49  | ng | 75     |
| 17) 2-Methylphenol             | 8.41  | 107 | 240687 | 34.79  | ng | # 84   |
| 18) Hexachloroethane           | 9.02  | 117 | 127250 | 38.55  | ng | # 75   |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 239673 | 36.80  | ng | 92     |
| 20) 3+4-Methylphenols          | 8.74  | 107 | 322197 | 34.48  | ng | 87     |
| 22) Acetophenone               | 8.79  | 105 | 445841 | 39.04  | ng | # 98   |
| 24) Nitrobenzene               | 9.18  | 77  | 377023 | 44.32  | ng | 92     |
| 25) Isophorone                 | 9.69  | 82  | 582128 | 40.79  | ng | # 92   |
| 26) 2-Nitrophenol              | 9.89  | 139 | 141960 | 39.59  | ng | # 66   |
| 27) 2,4-Dimethylphenol         | 9.93  | 122 | 246844 | 38.12  | ng | # 78   |
| 28) bis(2-Chloroethoxy)methane | 10.17 | 93  | 329792 | 36.42  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.41 | 162 | 312735 | 41.95  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.61 | 180 | 386324 | 40.05  | ng | 99     |
| 31) Naphthalene                | 10.81 | 128 | 850189 | 35.67  | ng | 99     |
| 32) Benzoic acid               | 10.07 | 122 | 149755 | 33.94  | ng | # 80   |
| 33) 4-Chloroaniline            | 10.95 | 127 | 75380  | 8.21   | ng | # 84   |
| 34) Hexachlorobutadiene        | 11.06 | 225 | 273127 | 42.45  | ng | 99     |
| 35) Caprolactam                | 11.76 | 113 | 74109  | 34.64  | ng | # 71   |
| 36) 4-Chloro-3-methylphenol    | 12.06 | 107 | 296321 | 36.70  | ng | # 84   |
| 37) 2-Methylnaphthalene        | 12.41 | 142 | 655873 | 38.22  | ng | # 94   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 444188 | 41.25  | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.73 | 237 | 644664 | 103.68 | ng | 99     |

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 ALS Vial : 9 Sample Multiplier: 1

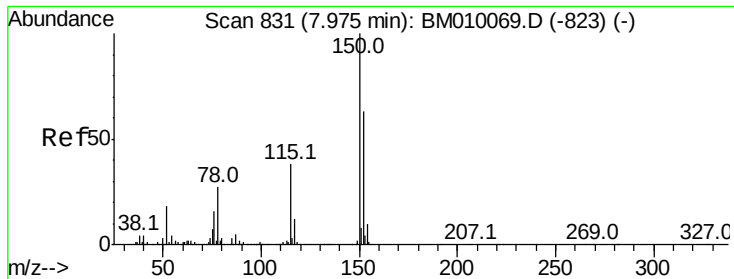
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

Quant Time: May 25 05:25:33 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:25:49 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.02 | 196  | 268562   | 42.34 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.10 | 196  | 288004   | 41.09 | nq    | # 94     |
| 45) 1,1'-Biphenyl              | 13.42 | 154  | 893573   | 38.80 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.46 | 162  | 715128   | 38.36 | nq    | 96       |
| 47) 2-Nitroaniline             | 13.70 | 65   | 186153   | 38.83 | nq    | 85       |
| 48) Acenaphthylene             | 14.31 | 152  | 1065992  | 38.67 | nq    | 100      |
| 49) Dimethylphthalate          | 14.04 | 163  | 887302   | 35.52 | nq    | # 99     |
| 50) 2,6-Dinitrotoluene         | 14.18 | 165  | 184429   | 38.88 | nq    | # 84     |
| 51) Acenaphthene               | 14.65 | 154  | 646584   | 37.73 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.53 | 138  | 92256    | 20.93 | nq    | # 70     |
| 53) 2,4-Dinitrophenol          | 14.72 | 184  | 225361   | 72.18 | nq    | # 87     |
| 54) Dibenzofuran               | 14.99 | 168  | 1112948  | 41.30 | nq    | 97       |
| 55) 4-Nitrophenol              | 14.84 | 139  | 261370   | 73.67 | nq    | # 27     |
| 56) 2,4-Dinitrotoluene         | 14.96 | 165  | 259033   | 38.60 | nq    | # 87     |
| 57) Fluorene                   | 15.63 | 166  | 896791   | 38.27 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.21 | 232  | 271596   | 45.50 | nq    | # 100    |
| 59) Diethylphthalate           | 15.40 | 149  | 831298   | 35.20 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.62 | 204  | 498949   | 37.92 | nq    | 99       |
| 61) 4-Nitroaniline             | 15.70 | 138  | 144357   | 32.26 | nq    | # 25     |
| 62) Azobenzene                 | 15.92 | 77   | 831081   | 47.86 | nq    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 15.71 | 198  | 153422   | 38.83 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 15.84 | 169  | 760460   | 39.23 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.52 | 248  | 328454   | 39.67 | nq    | 93       |
| 67) Hexachlorobenzene          | 16.61 | 284  | 364367   | 36.22 | nq    | 92       |
| 68) Atrazine                   | 16.79 | 200  | 309002   | 42.04 | nq    | 97       |
| 69) Pentachlorophenol          | 16.97 | 266  | 450962   | 81.62 | nq    | 98       |
| 70) Phenanthrene               | 17.37 | 178  | 1404540  | 38.81 | nq    | 99       |
| 71) Anthracene                 | 17.46 | 178  | 1446370  | 40.28 | nq    | 99       |
| 72) Carbazole                  | 17.75 | 167  | 1230201  | 38.69 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.27 | 149  | 1311653  | 34.79 | nq    | # 98     |
| 74) Fluoranthene               | 19.37 | 202  | 1747224  | 37.19 | nq    | 97       |
| 76) Benzidine                  | 19.58 | 184  | 1064285  | 60.45 | nq    | 99       |
| 77) Pyrene                     | 19.74 | 202  | 1803387  | 35.24 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.62 | 149  | 613750   | 32.40 | nq    | # 86     |
| 80) Benzo(a)anthracene         | 21.47 | 228  | 2057077  | 39.10 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.42 | 252  | 563012   | 26.61 | nq    | # 97     |
| 82) Chrysene                   | 21.53 | 228  | 1857820  | 37.23 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.36 | 149  | 898631   | 31.72 | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 22.26 | 149  | 1696574  | 33.45 | nq    | # 97     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.27 | 276  | 3728539  | 50.96 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 23.13 | 252  | 2580454  | 37.24 | nq    | # 93     |
| 88) Benzo(k)fluoranthene       | 23.18 | 252  | 2581905  | 38.04 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 23.74 | 252  | 2618291  | 39.66 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 26.28 | 278  | 3118868  | 42.24 | nq    | # 92     |
| 91) Benzo(g,h,i)perylene       | 27.03 | 276  | 3057297  | 42.26 | nq    | # 86     |

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



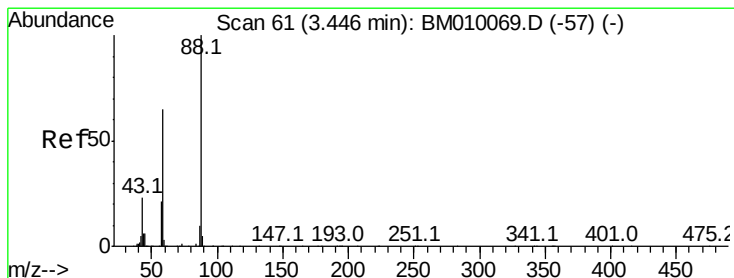
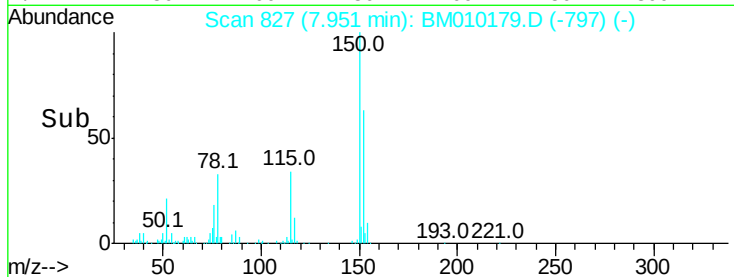
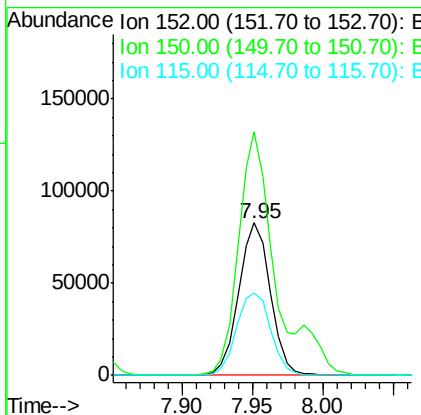
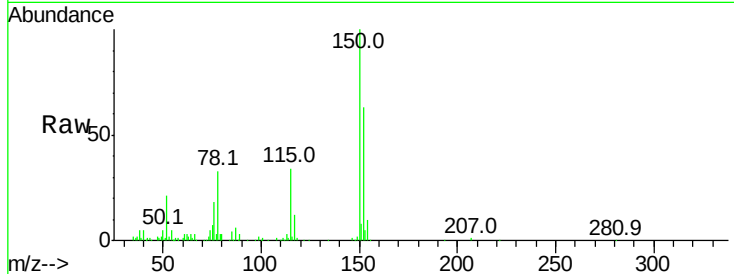


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

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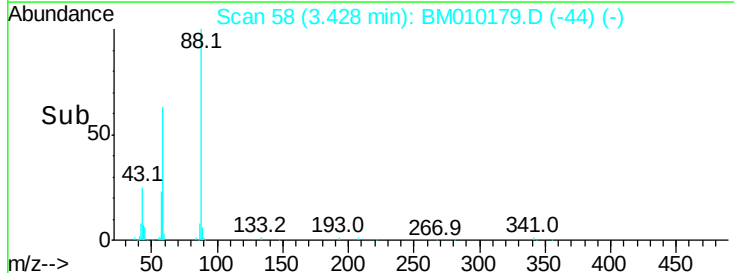
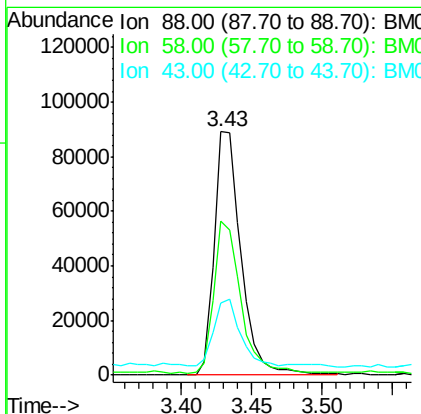
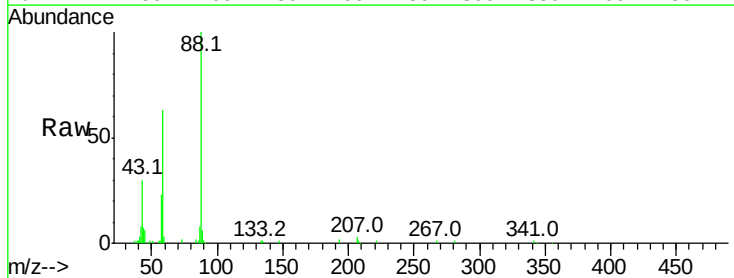
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.6 | 119.5 | 179.3 |
| 115     | 54.3  | 43.0  | 64.4  |

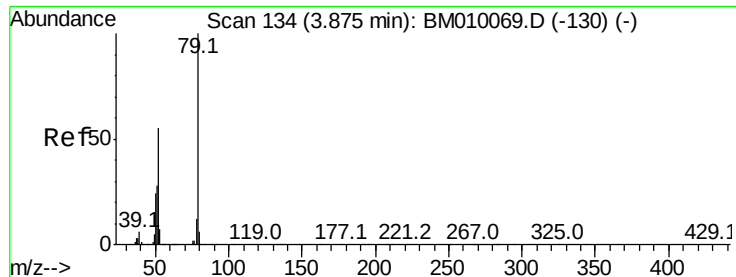


#2

1,4-Dioxane  
Concen: 35.76 ng  
RT: 3.43 min Scan# 58  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 62.0  | 0.0   | 0.0#  |
| 43      | 27.0  | 0.0   | 0.0#  |





#3

Pvridine

Concen: 33.78 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

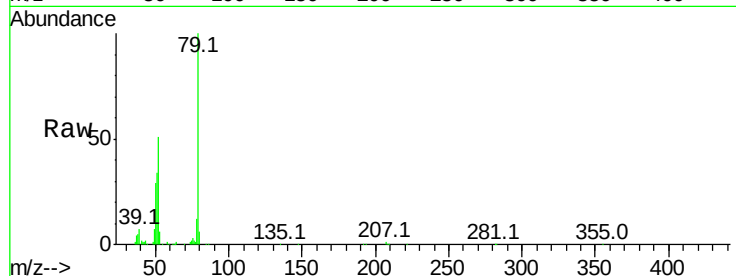
Tot Ion: 79 Resp: 297933

Ion Ratio Lower Upper

79 100

52 51.2 51.1 76.7

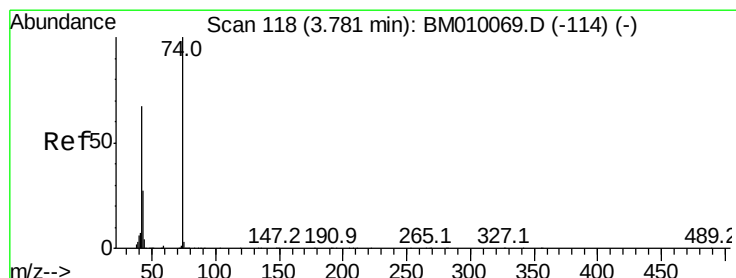
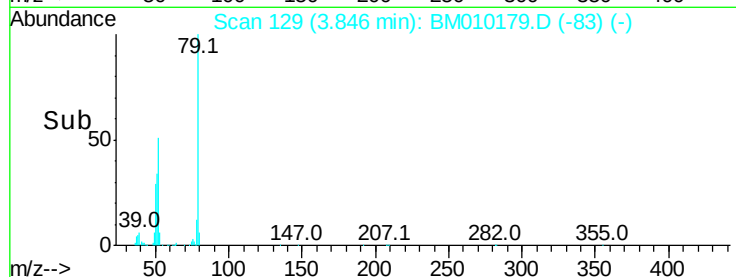
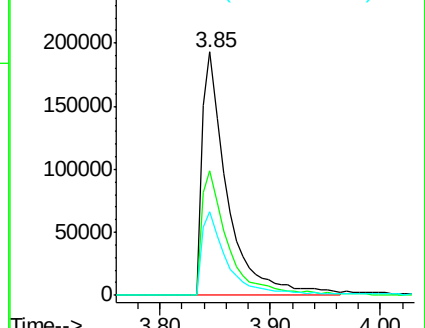
51 34.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 48.82 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

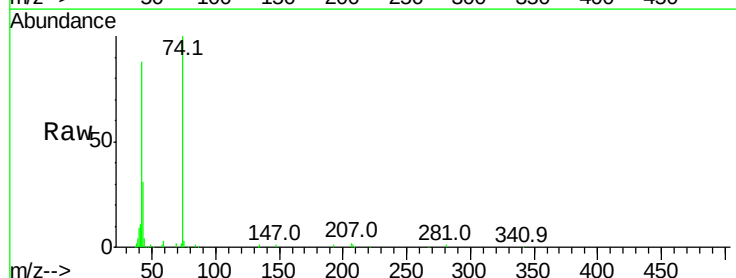
Tgt Ion: 42 Resp: 155719

Ion Ratio Lower Upper

42 100

74 113.7 119.3 178.9#

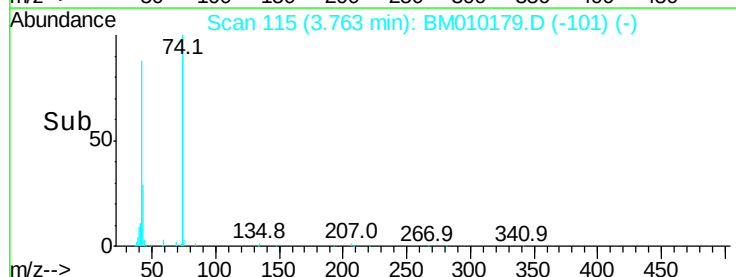
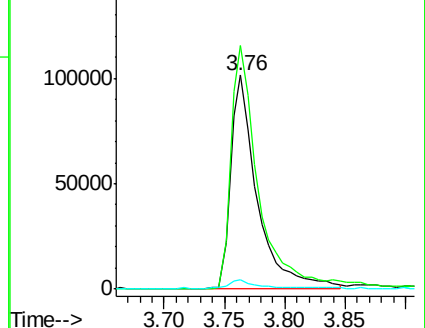
44 4.3 5.4 8.2#

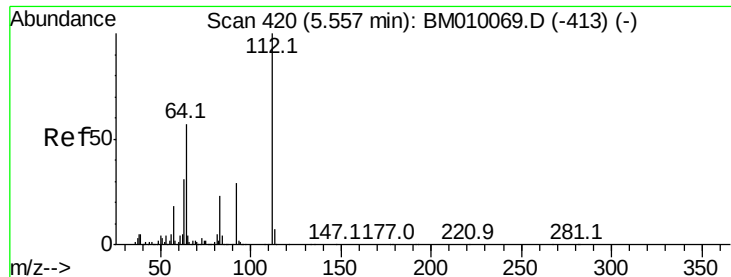


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 128.38 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

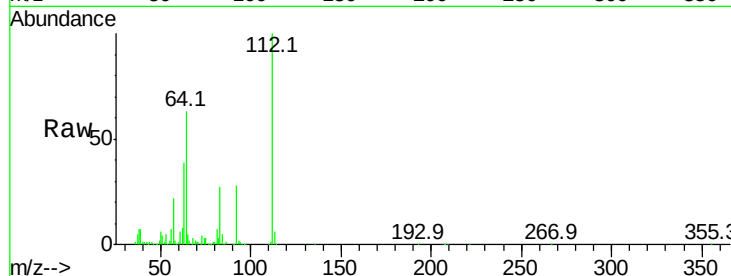
Tot Ion:112 Resp: 920533

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

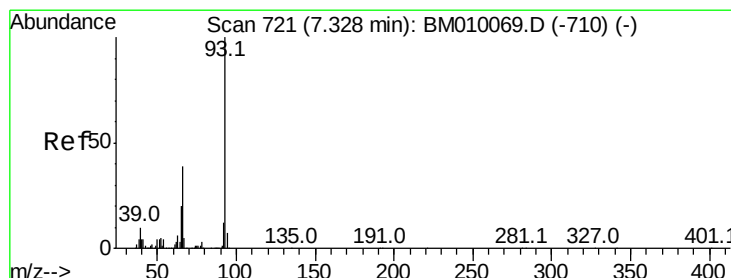
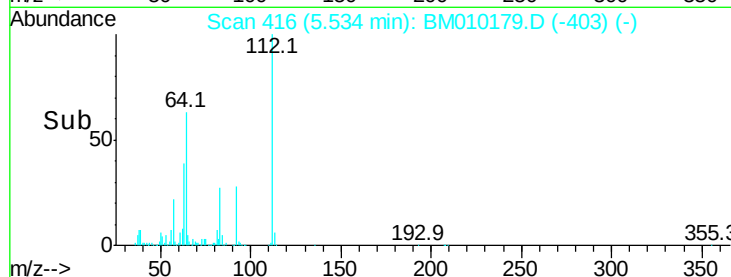
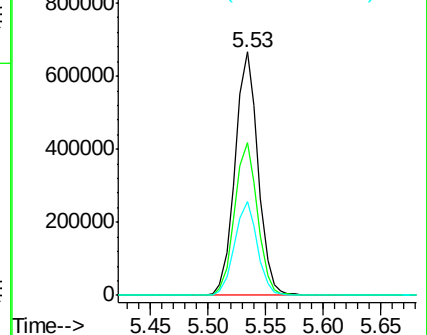
63 38.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 23.51 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

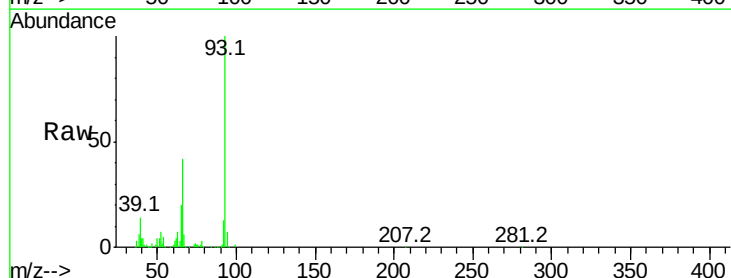
Tgt Ion: 93 Resp: 268804

Ion Ratio Lower Upper

93 100

66 41.8 30.8 46.2

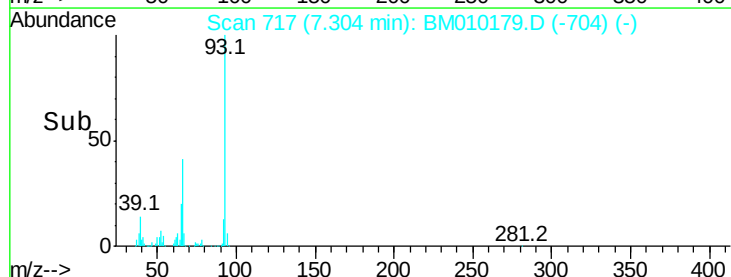
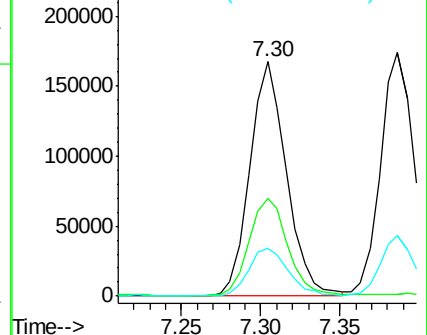
65 20.2 16.0 24.0

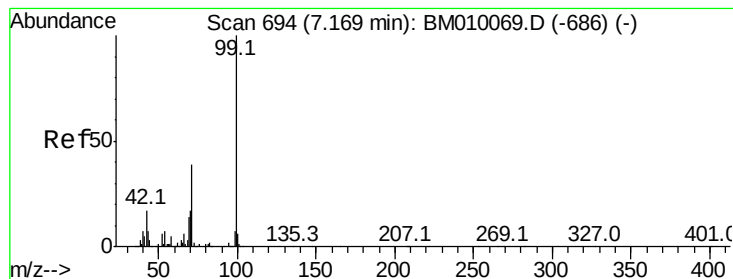


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 119.92 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

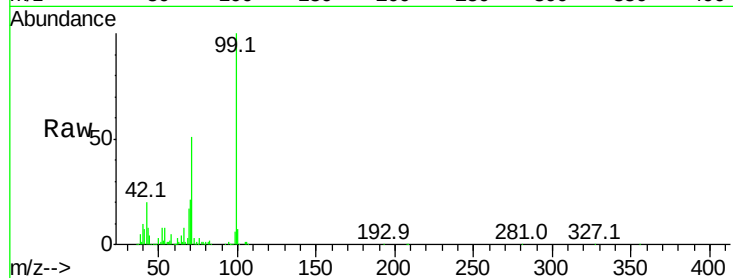
Tot Ion: 99 Resp: 1106403

Ion Ratio Lower Upper

99 100

42 20.3 11.0 16.4#

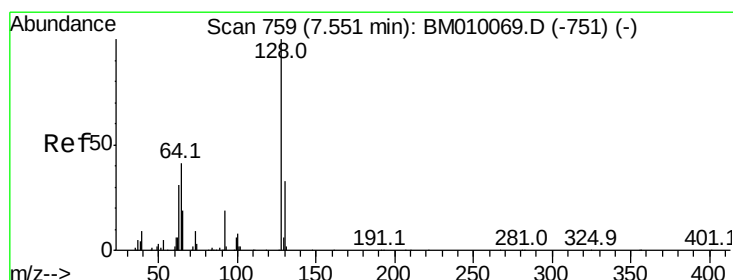
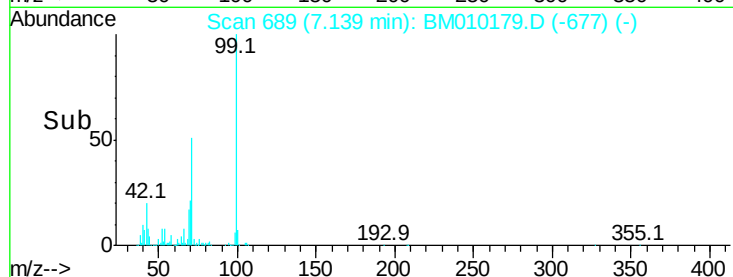
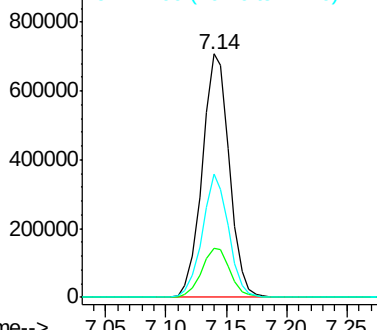
71 50.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 37.34 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

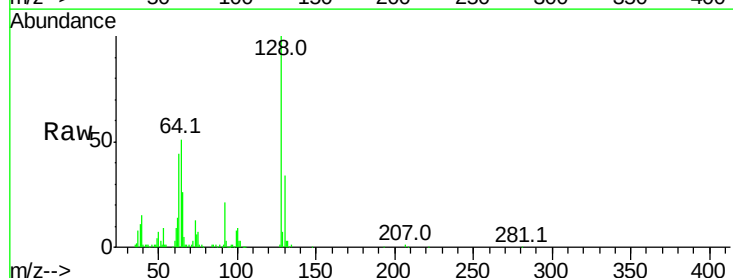
Tgt Ion: 128 Resp: 291264

Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

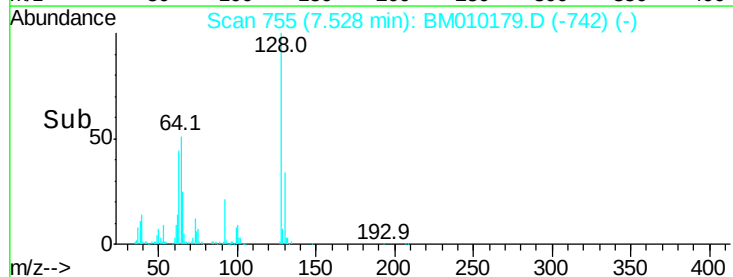
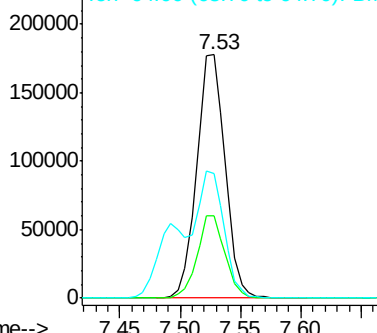
64 51.3 24.9 64.9



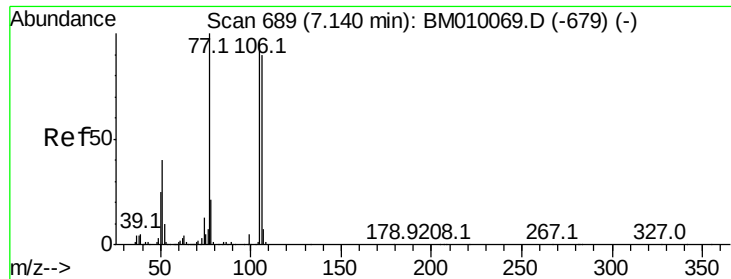
Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)







#9

Benzaldehyde

Concen: 13.71 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

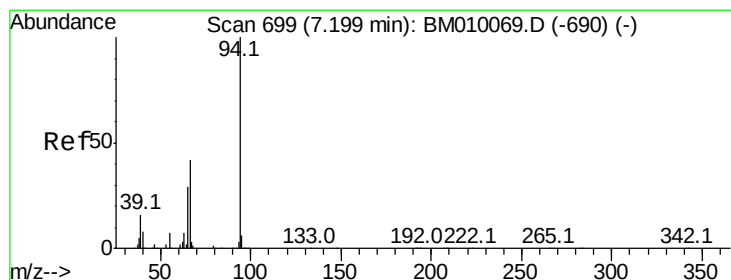
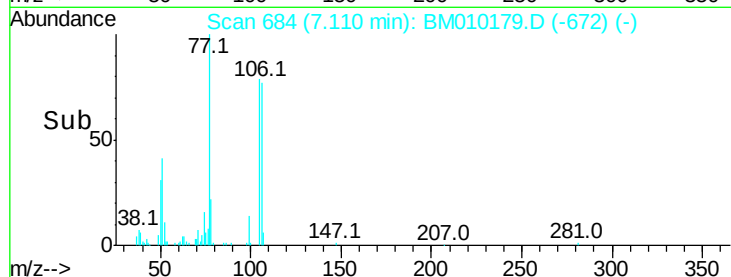
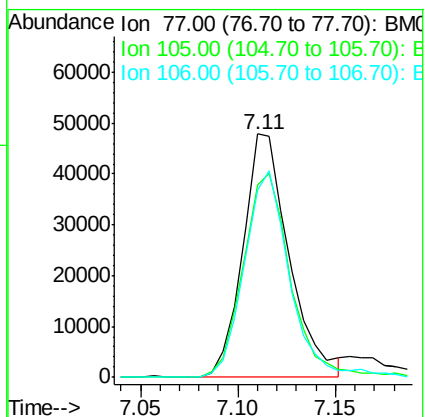
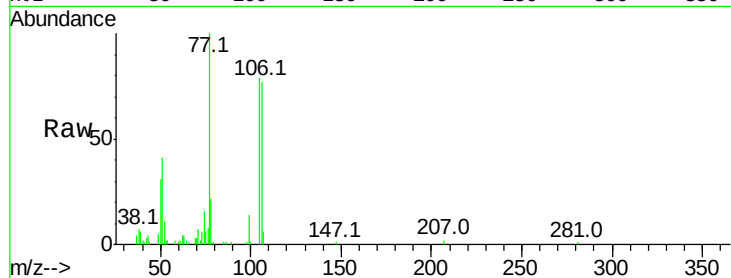
Tot Ion: 77 Resp: 78738

Ion Ratio Lower Upper

77 100

105 79.2 78.8 118.8

106 76.7 73.7 113.7



#10

Phenol

Concen: 37.90 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

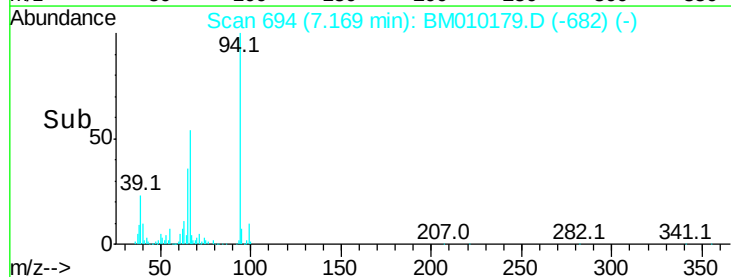
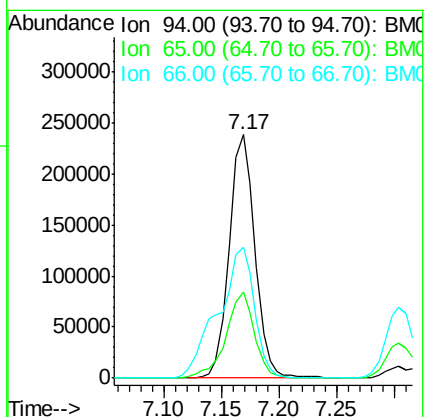
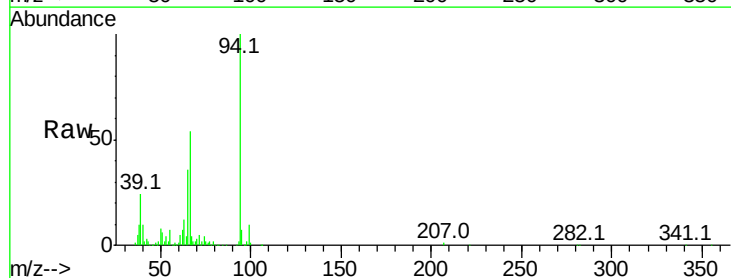
Tgt Ion: 94 Resp: 368460

Ion Ratio Lower Upper

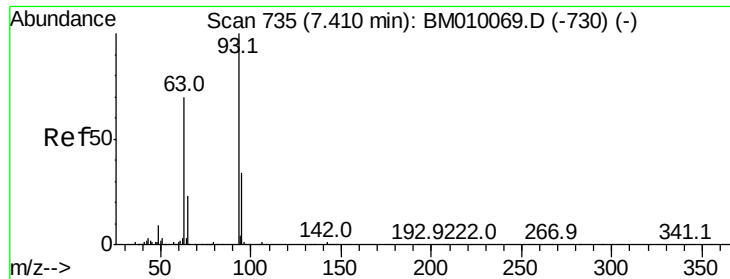
94 100

65 35.6 18.8 58.8

66 53.9 39.9 79.9



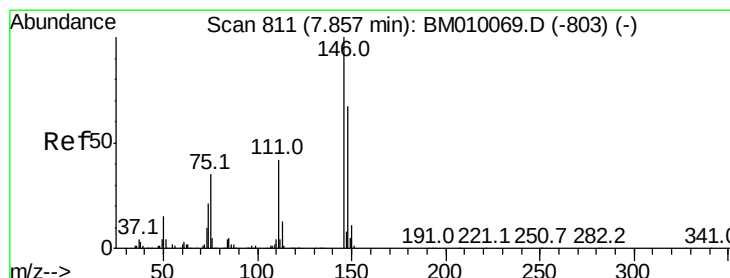
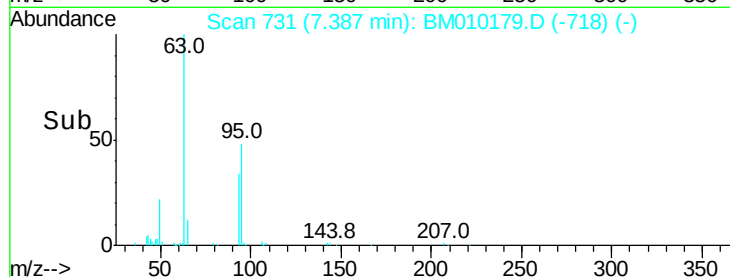
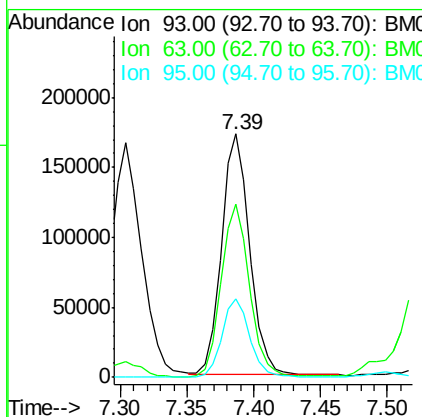
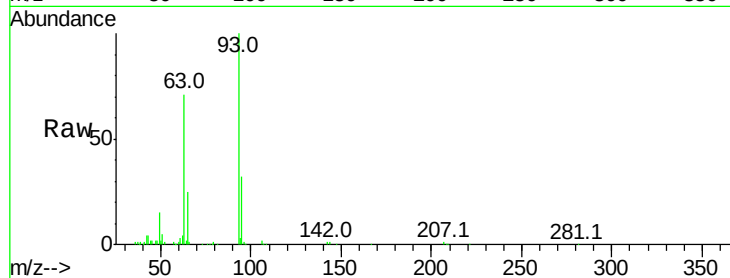




#11  
bis(2-Chloroethyl)ether  
Concen: 34.92 ng  
RT: 7.39 min Scan# 731  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

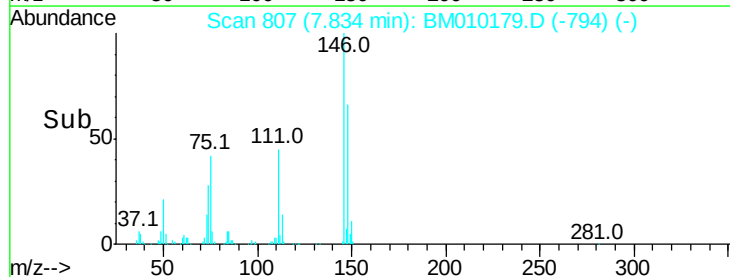
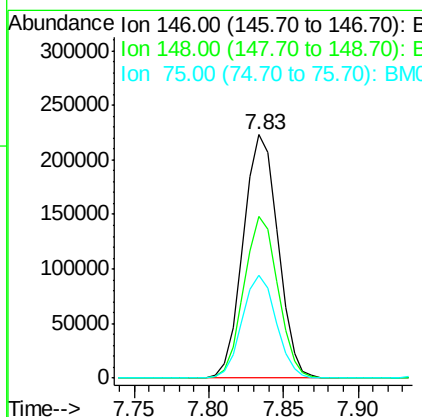
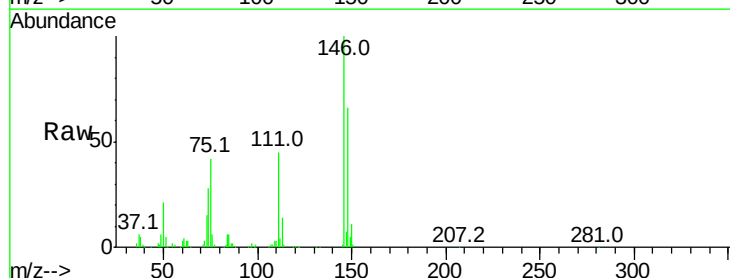
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

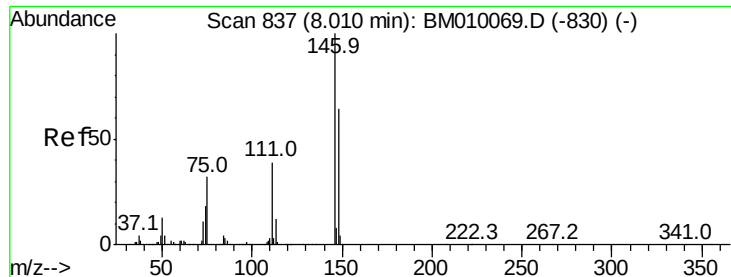
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 71.3  | 49.5  | 89.5  |
| 95      | 32.4  | 13.5  | 53.5  |



#12  
1,3-Dichlorobenzene  
Concen: 36.35 ng  
RT: 7.83 min Scan# 807  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.3  | 50.9  | 76.3  |
| 75      | 42.0  | 21.4  | 32.2  |

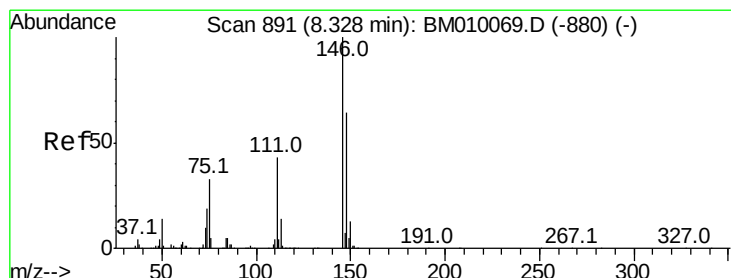
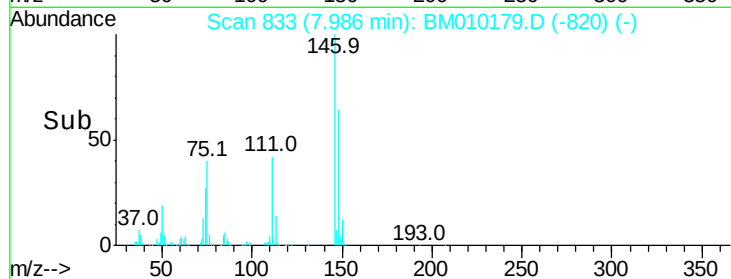
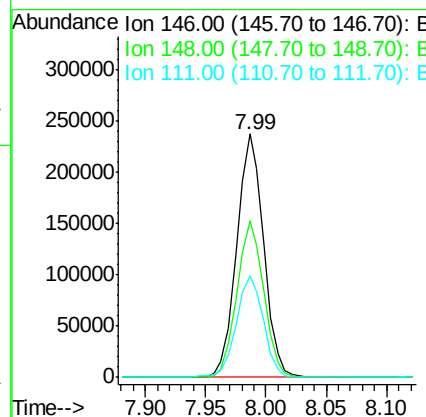
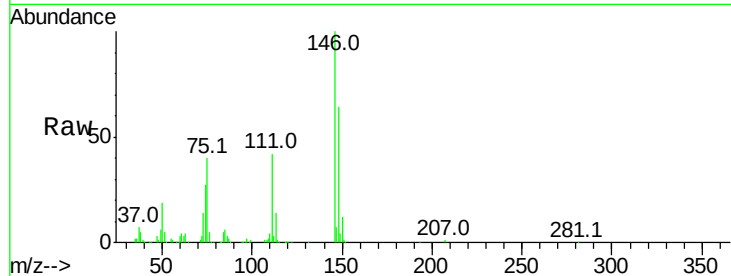




#13  
 1,4-Dichlorobenzene  
 Concen: 36.15 ng  
 RT: 7.99 min Scan# 833  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

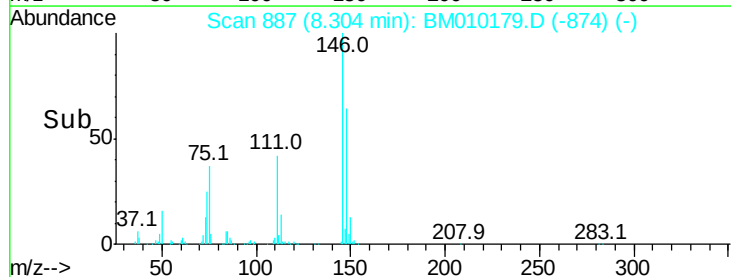
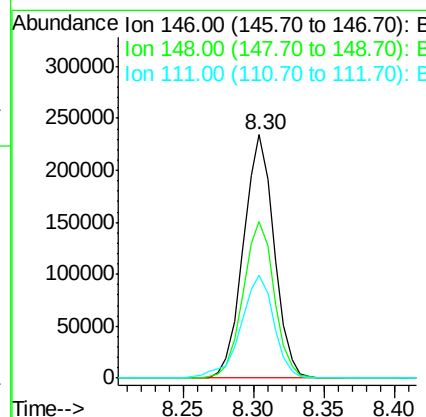
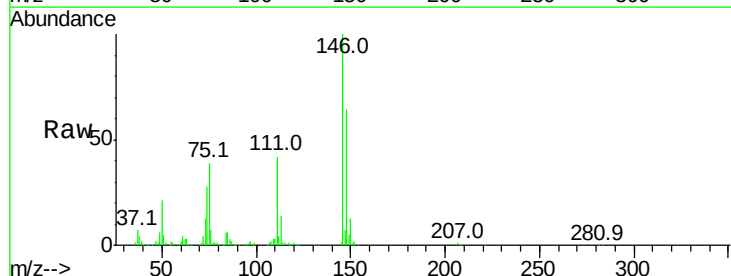
Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB99207BS

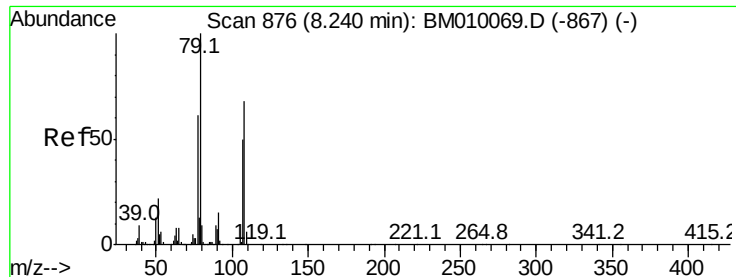
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 51.9  | 77.9  |
| 111     | 42.0  | 29.2  | 43.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 36.54 ng  
 RT: 8.30 min Scan# 887  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 52.3  | 78.5  |
| 111     | 42.2  | 30.6  | 45.8  |





#15

Benzyl Alcohol

Concen: 40.80 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

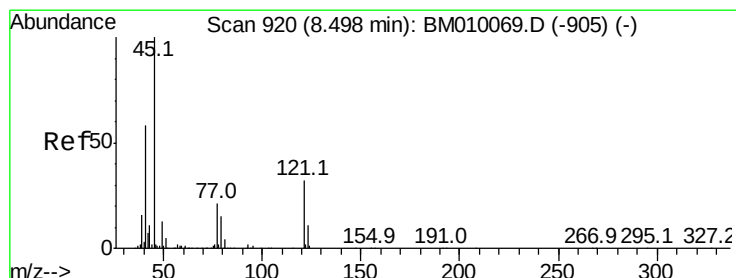
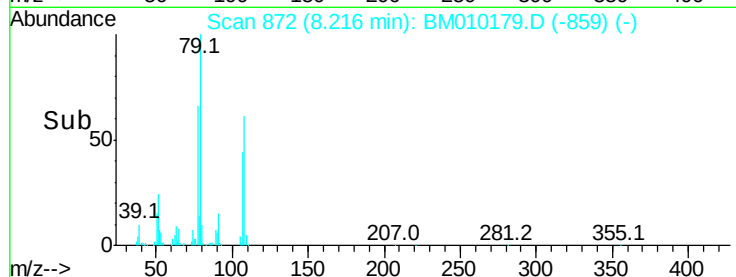
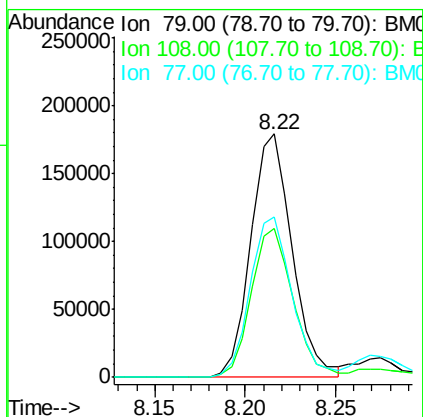
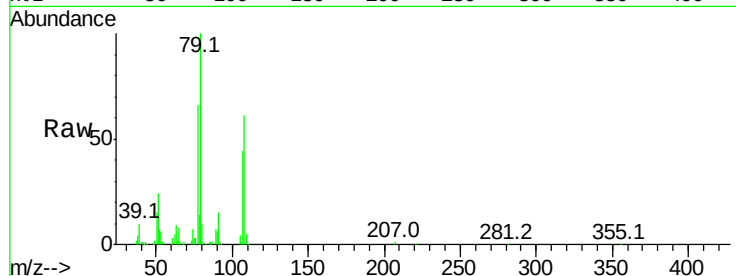
Tot Ion: 79 Resp: 284845

Ion Ratio Lower Upper

79 100

108 61.2 65.0 97.4#

77 66.0 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.49 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

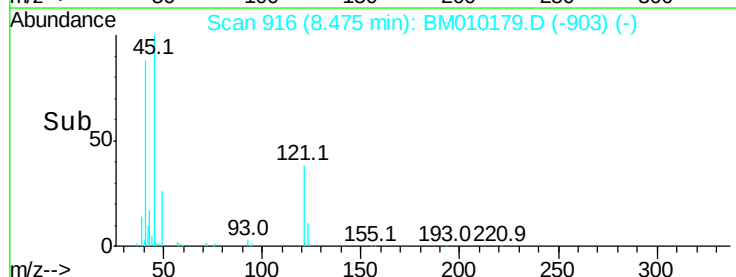
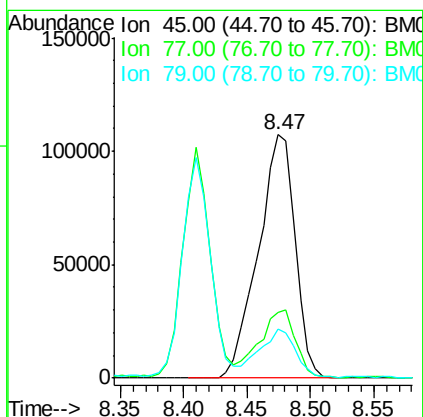
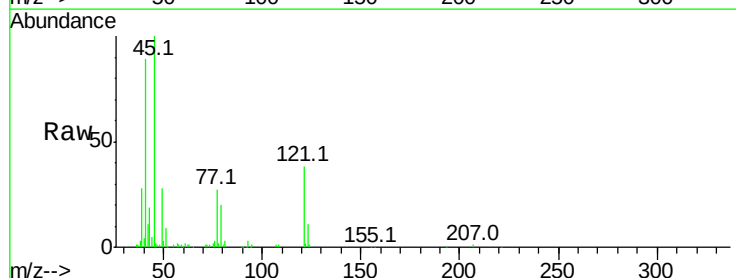
Tgt Ion: 45 Resp: 217280

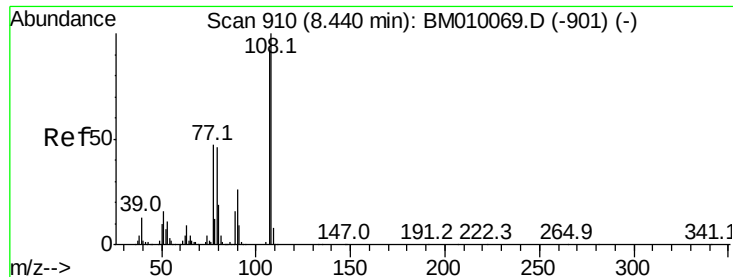
Ion Ratio Lower Upper

45 100

77 27.2 0.0 35.2

79 20.1 0.0 32.0





#17

2-Methylphenol

Concen: 34.79 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

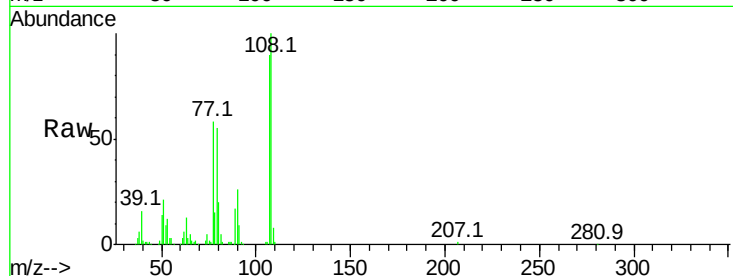
Instrument :

BNA\_M

ClientSampleId :

PB99207BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 240687 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.8 | 89.8  | 134.8  |
| 77       | 64.2  | 32.6  | 48.8#  |
| 79       | 61.3  | 32.8  | 49.2#  |



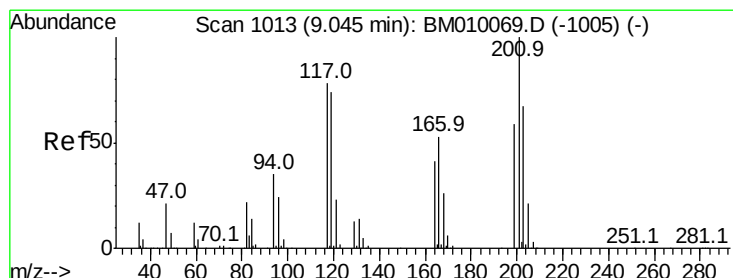
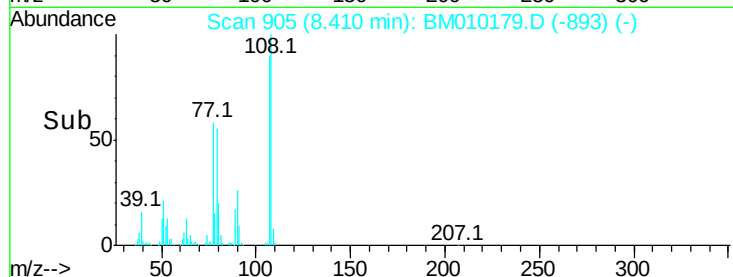
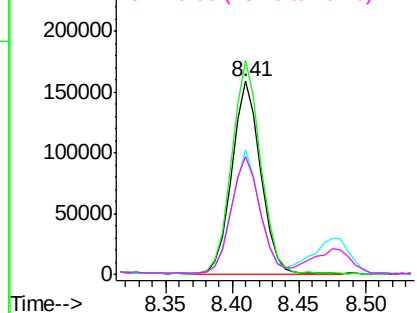
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 38.55 ng

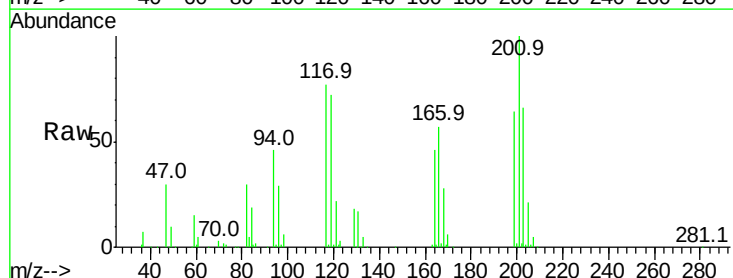
RT: 9.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 127250 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.0  | 79.2  | 118.8  |
| 201      | 130.0 | 69.8  | 104.6# |

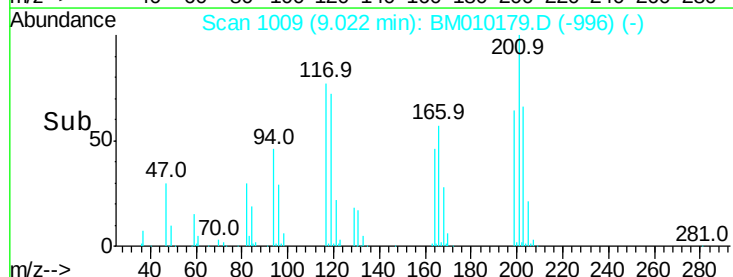
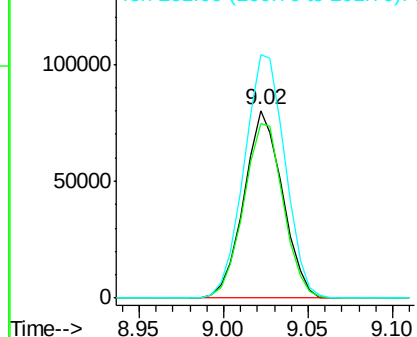


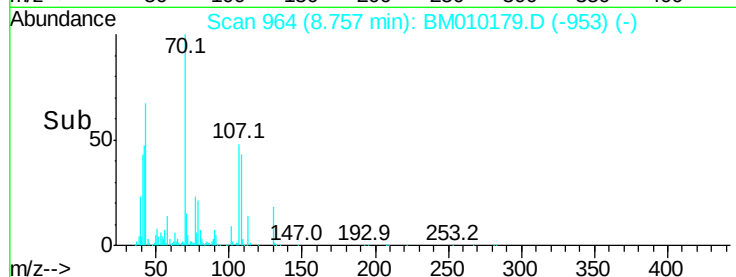
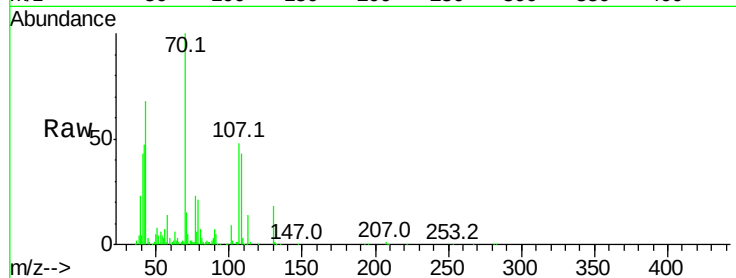
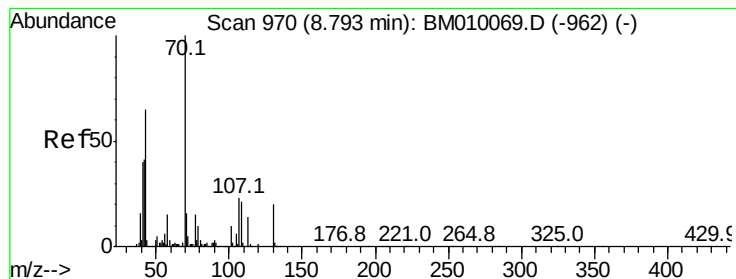
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.80 ng

RT: 8.76 min Scan# 964

Delta R.T. -0.04 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

Tot Ion: 70 Resp: 239673

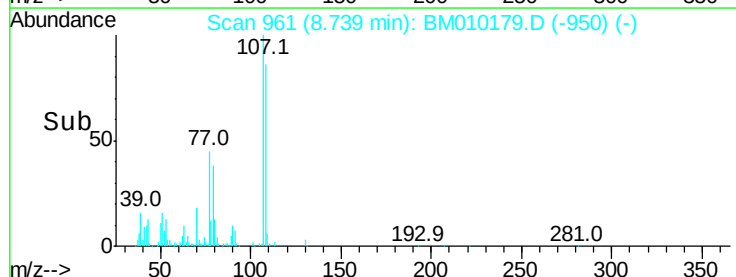
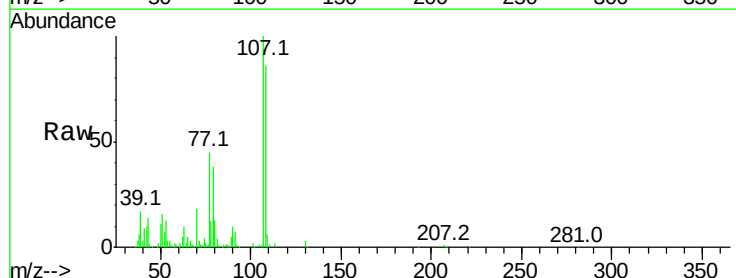
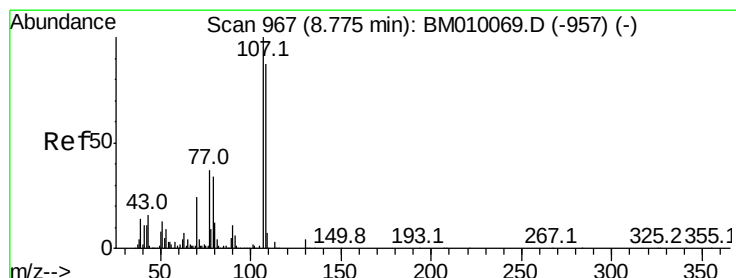
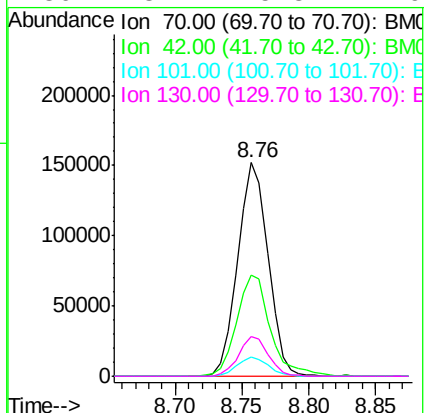
Ion Ratio Lower Upper

70 100

42 47.4 44.5 66.7

101 8.9 7.4 11.2

130 18.4 15.3 22.9



#20

3+4-Methylphenols

Concen: 34.48 ng

RT: 8.74 min Scan# 961

Delta R.T. -0.04 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Tgt Ion: 107 Resp: 322197

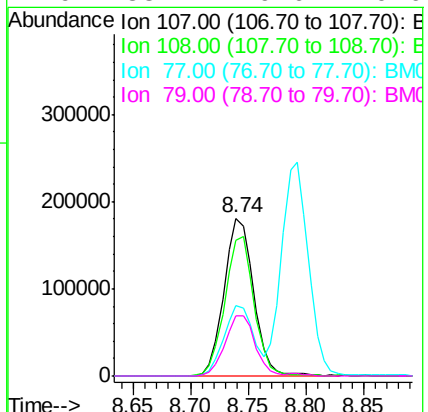
Ion Ratio Lower Upper

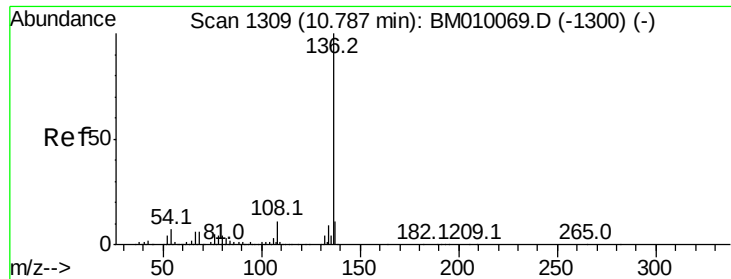
107 100

108 85.8 73.2 113.2

77 44.8 10.7 50.7

79 38.1 9.6 49.6

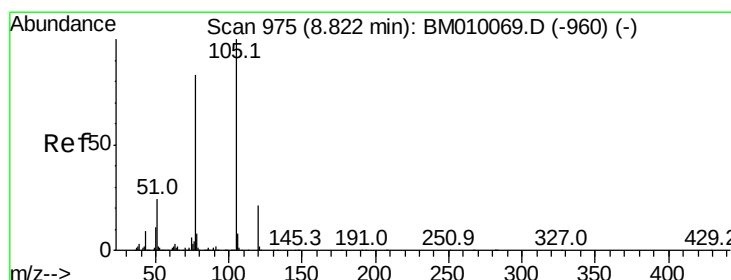
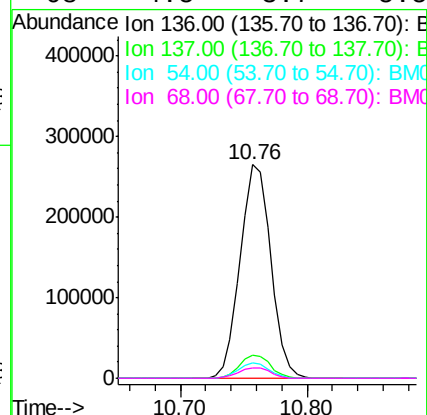
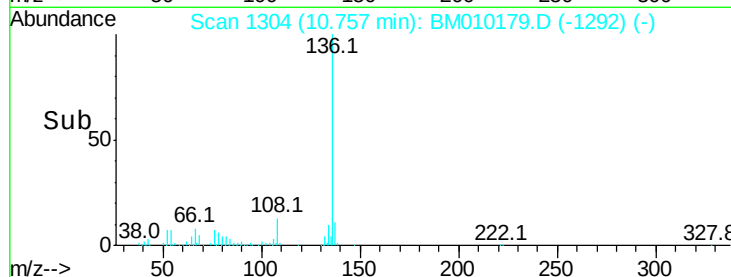
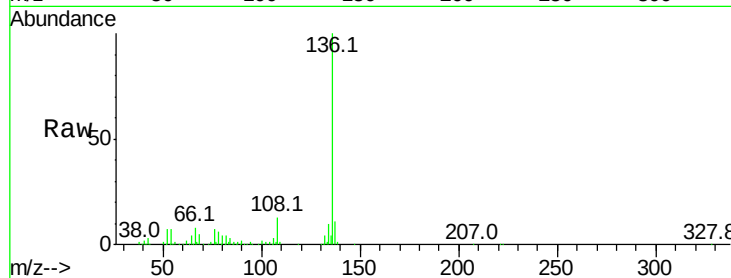




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.76 min Scan# 1304  
Delta R.T. -0.03 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

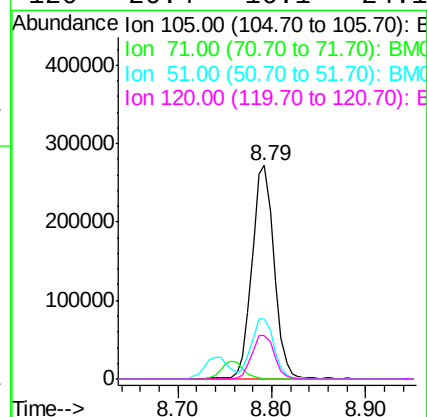
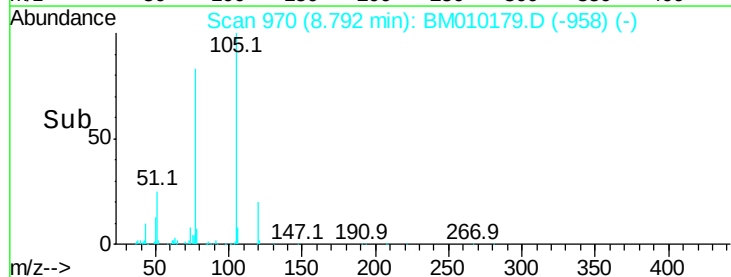
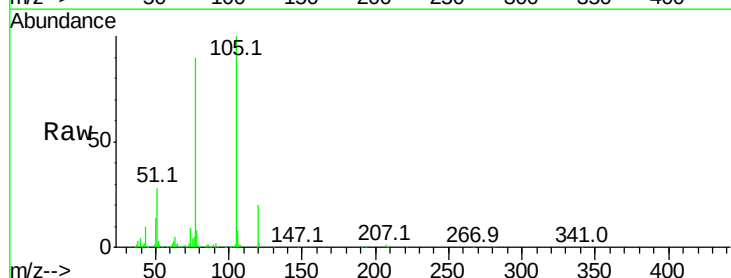
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

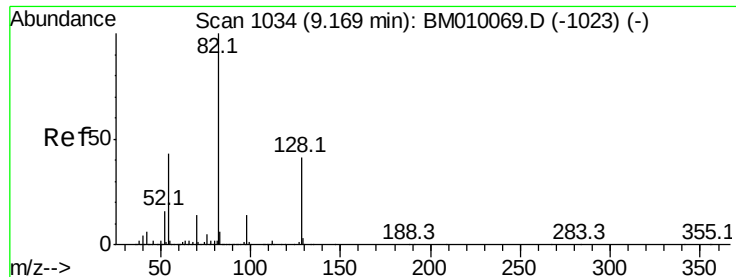
Tot Ion:136 Resp: 445547  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 7.2 4.6 6.8#  
68 4.5 3.7 5.5



#22  
Acetophenone  
Concen: 39.04 ng  
RT: 8.79 min Scan# 970  
Delta R.T. -0.03 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

Tgt Ion:105 Resp: 445841  
Ion Ratio Lower Upper  
105 100  
71 0.1 0.6 1.0#  
51 28.1 21.6 32.4  
120 20.4 16.1 24.1

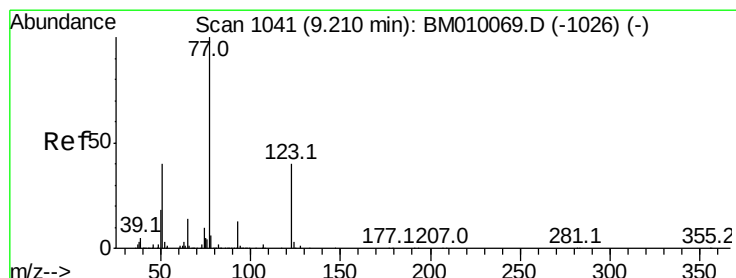
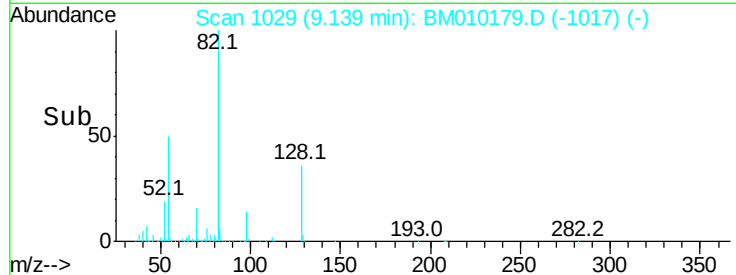
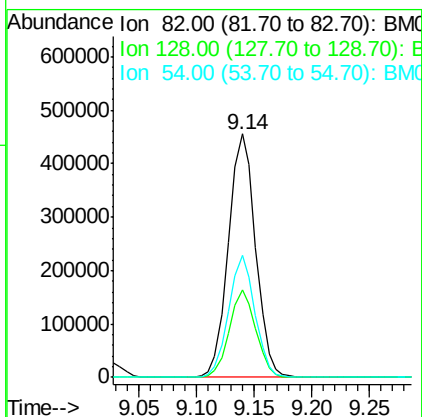
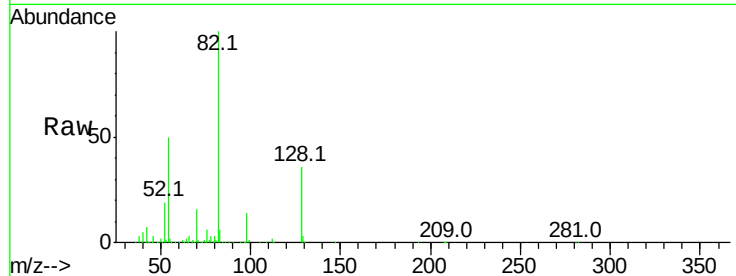




#23  
 Nitrobenzene-d5  
 Concen: 90.12 ng  
 RT: 9.14 min Scan# 1029  
 Delta R.T. -0.03 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

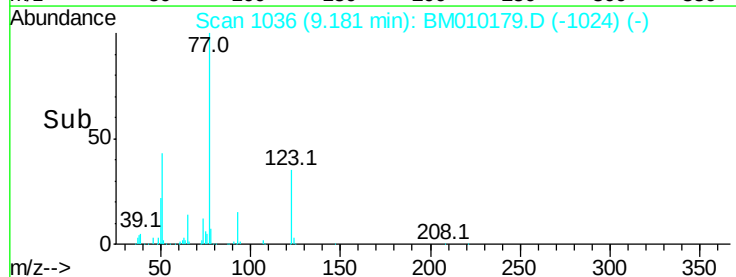
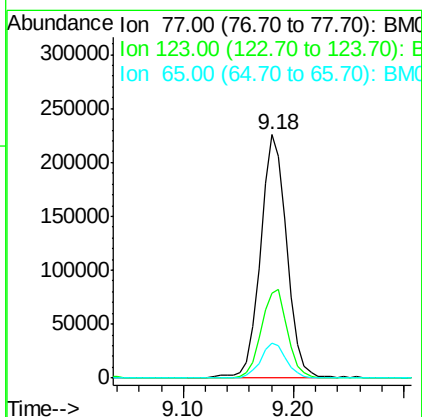
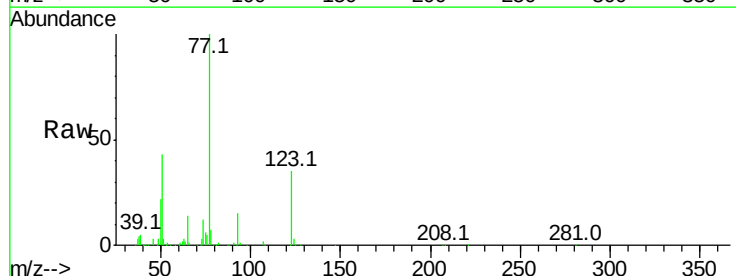
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

| Tot Ion | 82    | Resp  | 744207 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 35.7  | 32.8  | 49.2   |
| 54      | 50.0  | 40.6  | 60.8   |

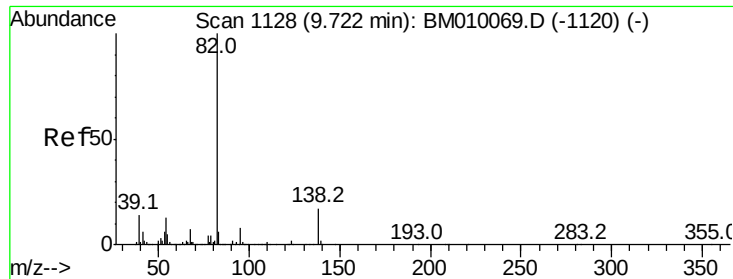


#24  
 Nitrobenzene  
 Concen: 44.32 ng  
 RT: 9.18 min Scan# 1036  
 Delta R.T. -0.03 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

| Tgt Ion | 77    | Resp  | 377023 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 77      | 100   |       |        |
| 123     | 34.8  | 32.6  | 49.0   |
| 65      | 14.3  | 10.9  | 16.3   |



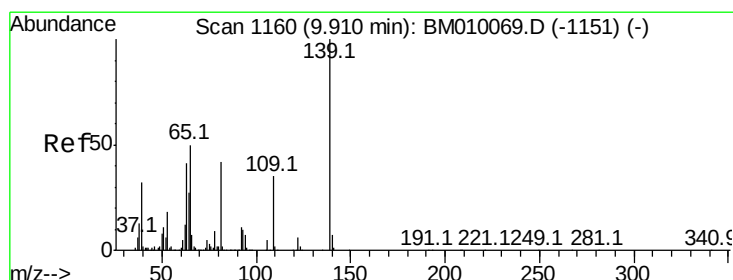
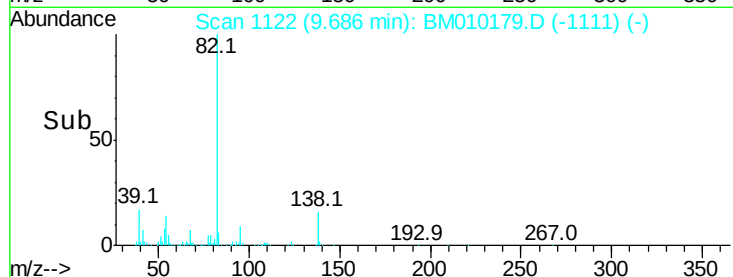
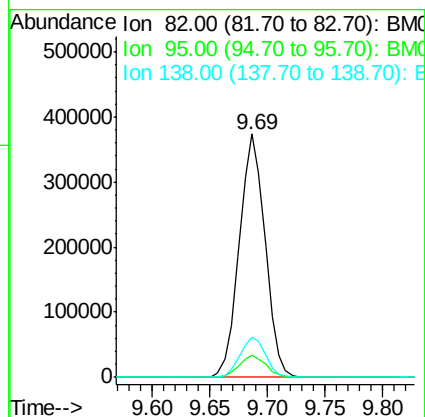
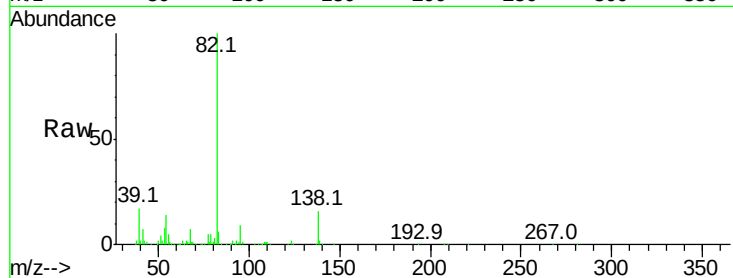




#25  
Isophorone  
Concen: 40.79 ng  
RT: 9.69 min Scan# 1122  
Delta R.T. -0.04 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

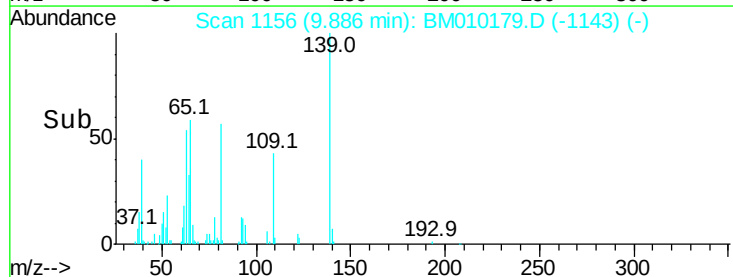
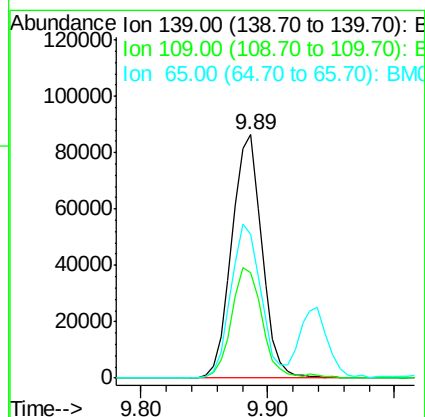
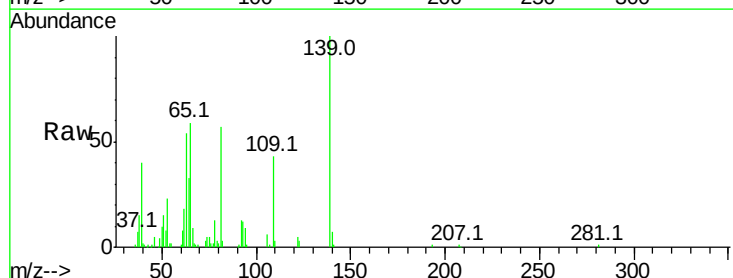
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

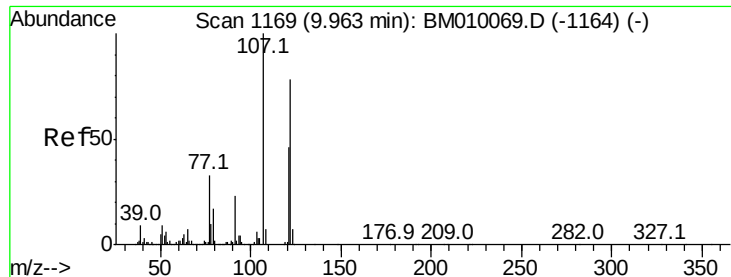
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.9   | 5.8   | 8.6#  |
| 138     | 16.3  | 16.3  | 24.5# |



#26  
2-Nitrophenol  
Concen: 39.59 ng  
RT: 9.89 min Scan# 1156  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 43.1  | 20.1  | 30.1# |
| 65      | 59.1  | 31.5  | 47.3# |

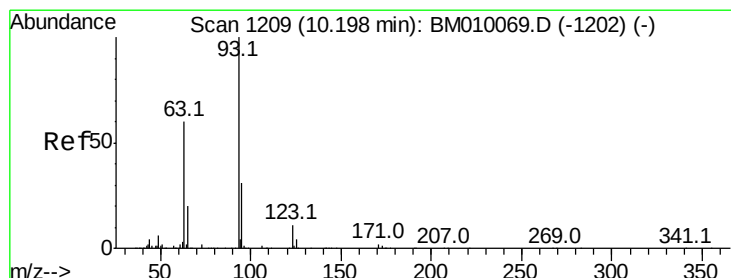
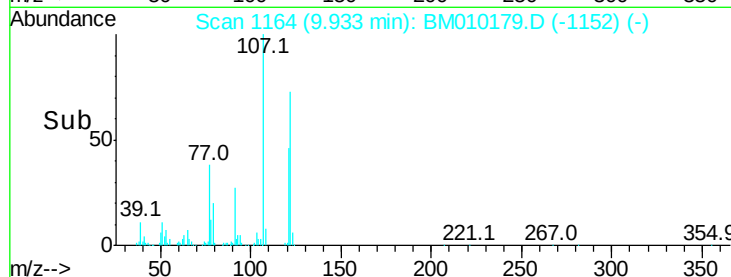
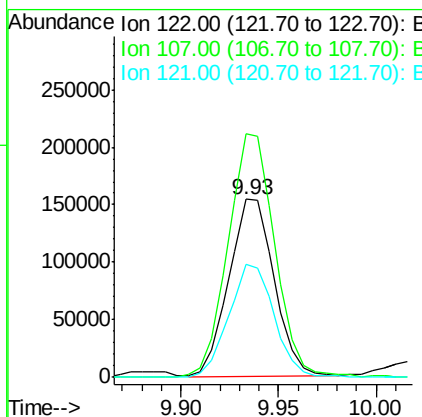
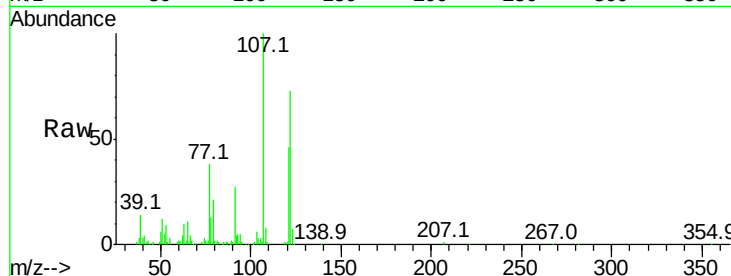




#27  
2,4-Dimethylphenol  
Concen: 38.12 ng  
RT: 9.93 min Scan# 1164  
Delta R.T. -0.03 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

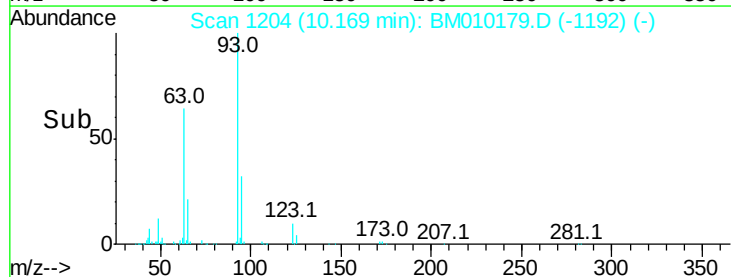
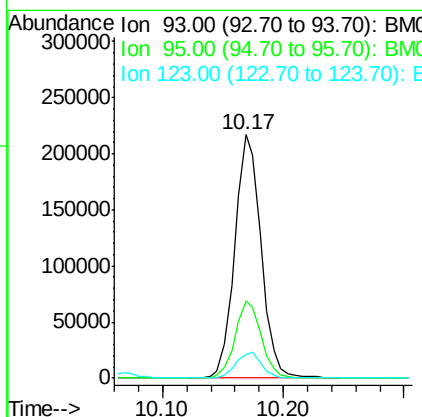
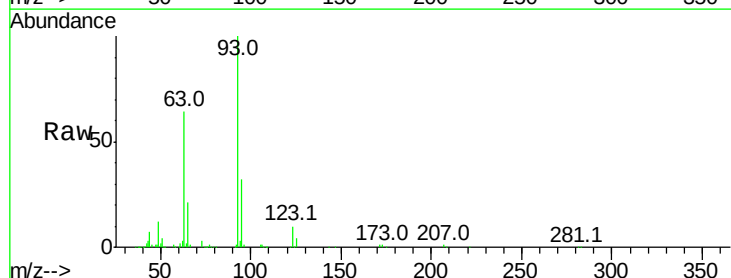
Instrument :  
BNA\_M  
ClientSampled :  
PB99207BS

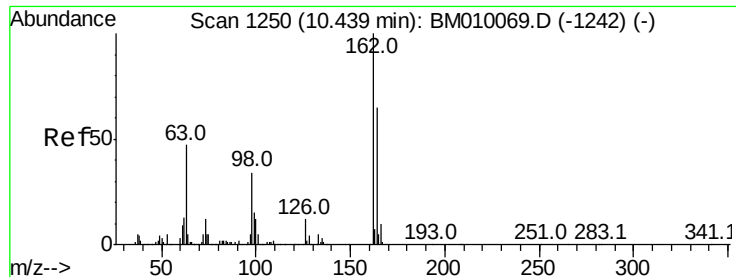
Tot Ion:122 Resp: 246844  
Ion Ratio Lower Upper  
122 100  
107 137.0 84.7 127.1#  
121 63.6 46.6 69.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.42 ng  
RT: 10.17 min Scan# 1204  
Delta R.T. -0.03 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

Tgt Ion: 93 Resp: 329792  
Ion Ratio Lower Upper  
93 100  
95 31.8 25.5 38.3  
123 9.8 8.6 13.0

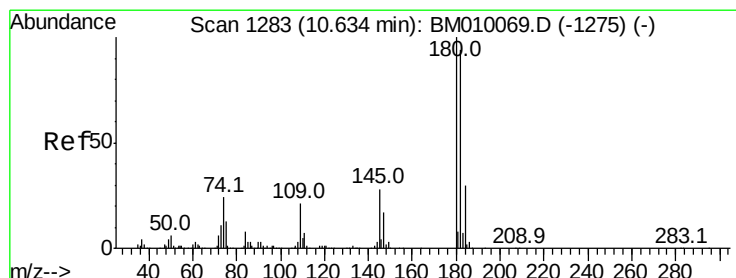
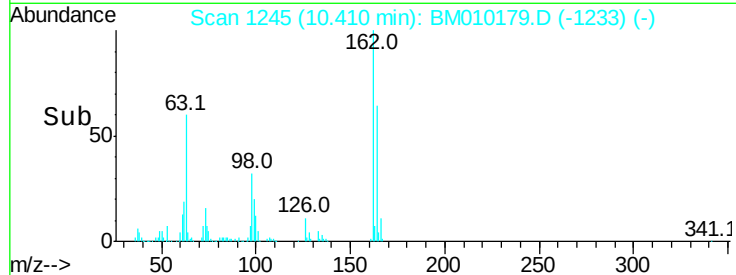
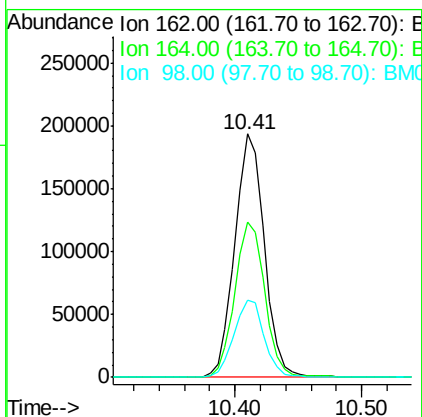
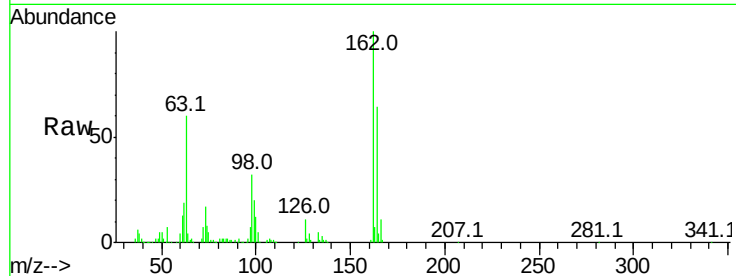




#29  
 2,4-Dichlorophenol  
 Concen: 41.95 ng  
 RT: 10.41 min Scan# 1245  
 Delta R.T. -0.03 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

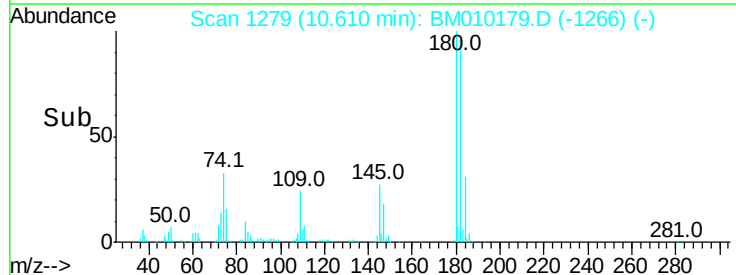
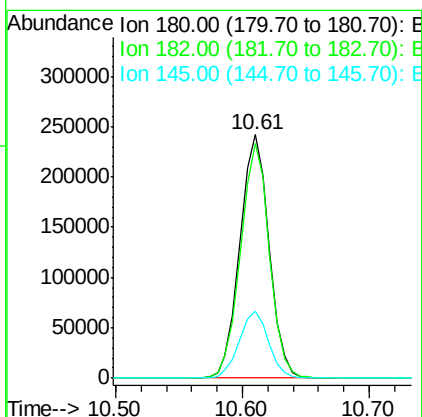
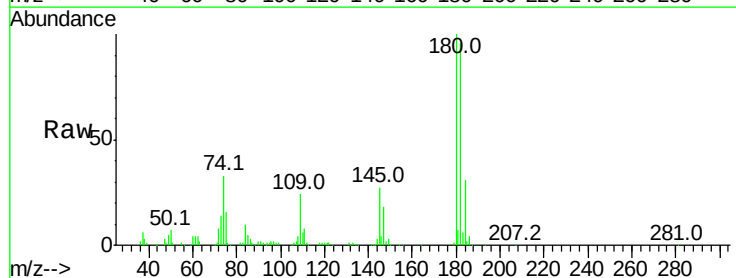
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

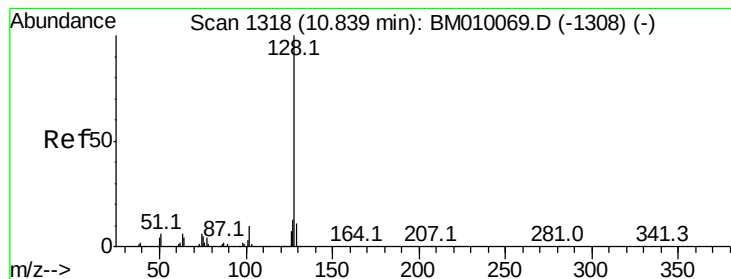
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.7  | 42.8  | 82.8  |
| 98      | 31.9  | 14.5  | 54.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.05 ng  
 RT: 10.61 min Scan# 1279  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 77.6  | 116.4 |
| 145     | 27.3  | 23.4  | 35.2  |





#31

Naphthalene

Concen: 35.67 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

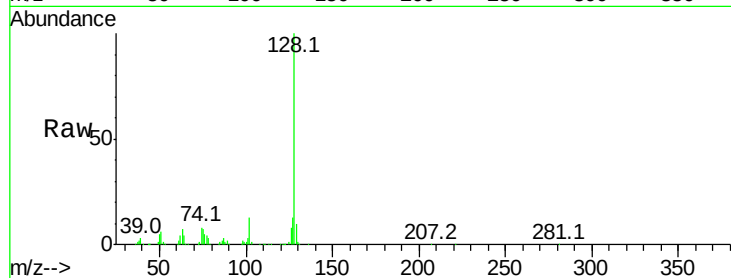
Tot Ion:128 Resp: 850189

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

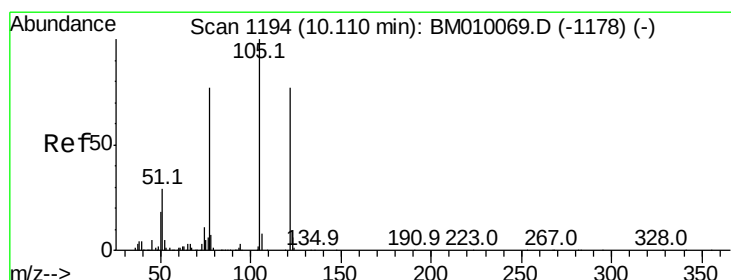
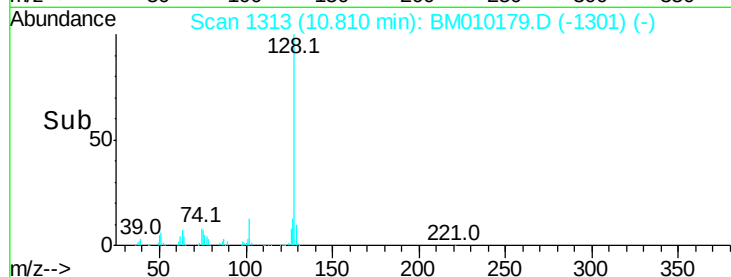
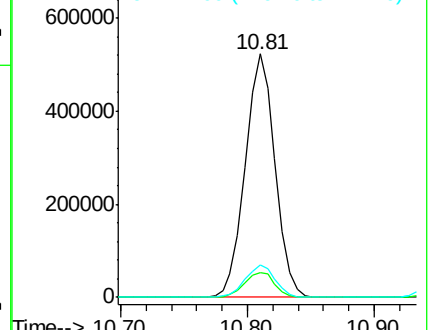
127 13.2 10.4 15.6



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



#32

Benzoic acid

Concen: 33.94 ng

RT: 10.07 min Scan# 1187

Delta R.T. -0.04 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

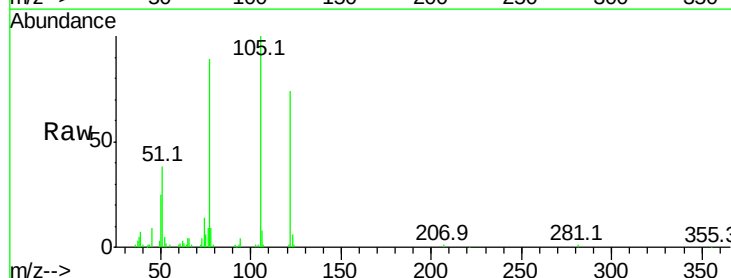
Tgt Ion:122 Resp: 149755

Ion Ratio Lower Upper

122 100

105 135.2 99.9 139.9

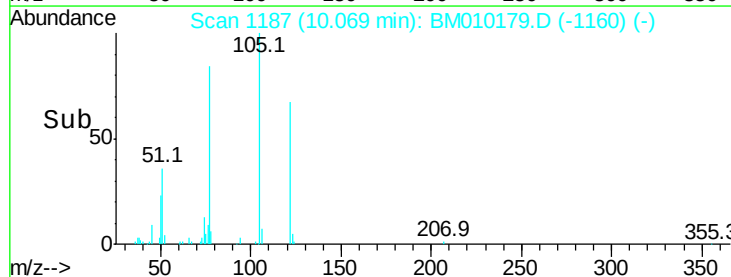
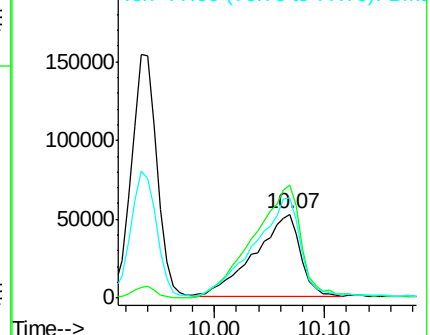
77 119.9 73.7 113.7#

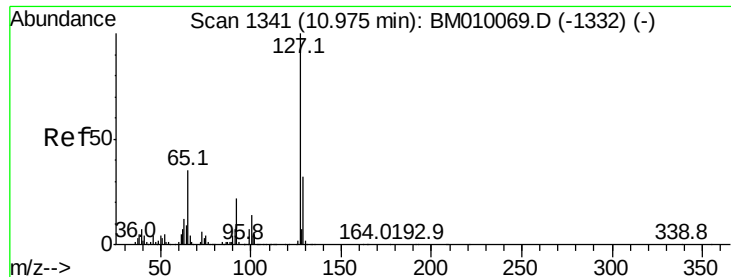


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

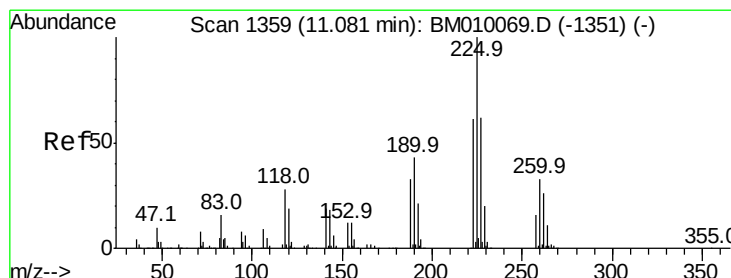
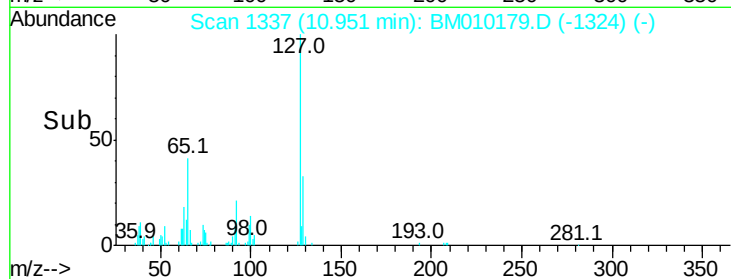
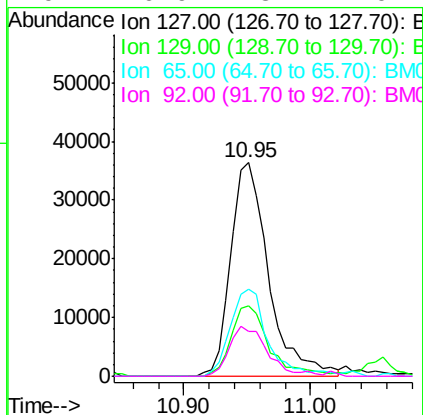
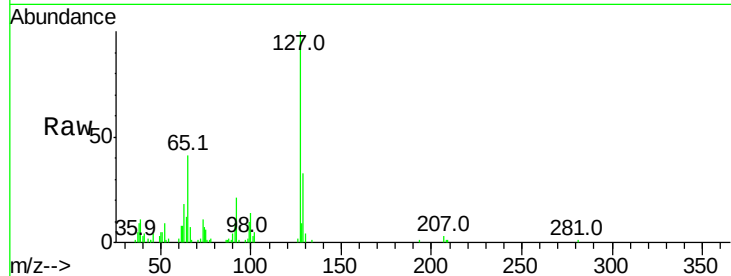




#33  
4-Chloroaniline  
Concen: 8.21 ng  
RT: 10.95 min Scan# 1337  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

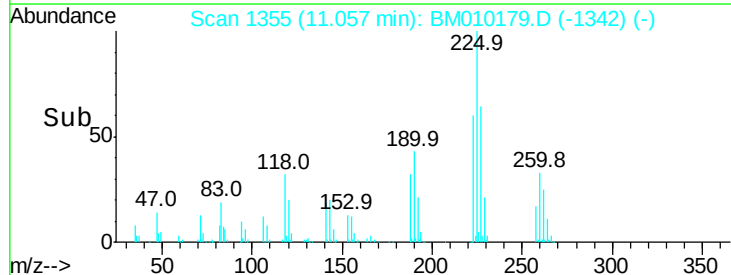
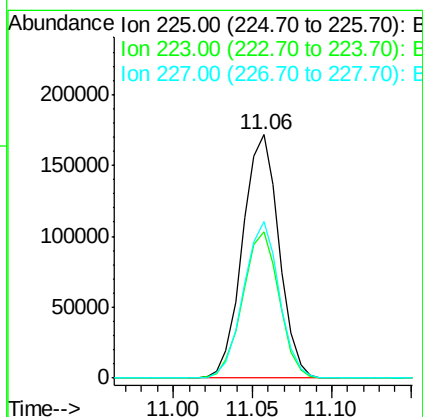
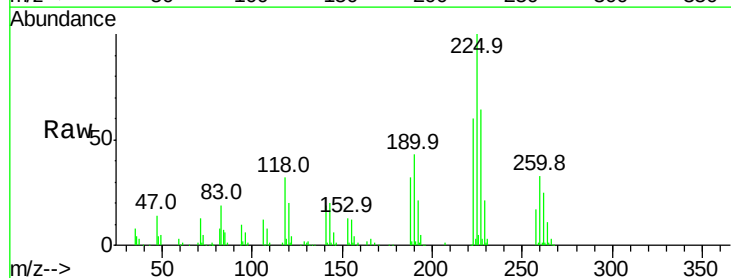
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

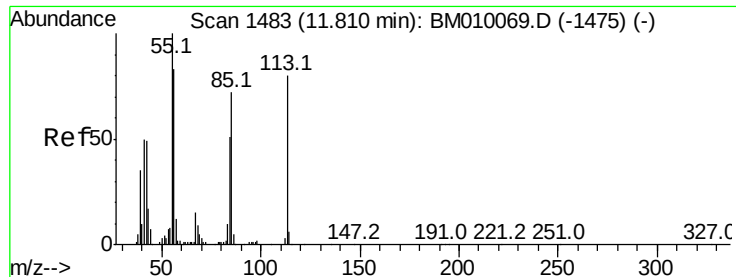
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 75380 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.9  | 25.3  | 37.9  |
| 65       | 40.8  | 17.6  | 26.4  |
| 92       | 20.9  | 13.1  | 19.7  |



#34  
Hexachlorobutadiene  
Concen: 42.45 ng  
RT: 11.06 min Scan# 1355  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 273127 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.1  | 47.9  | 71.9   |
| 227      | 64.4  | 50.1  | 75.1   |





#35

Caprolactam

Concen: 34.64 ng

RT: 11.76 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

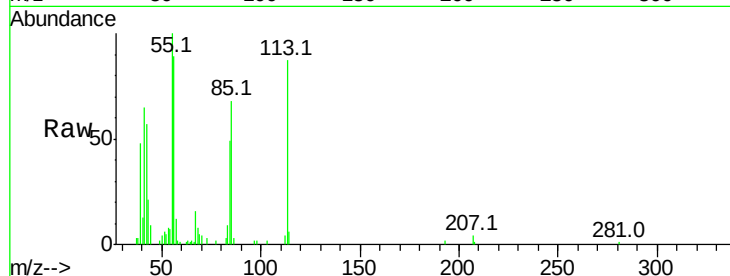
Tot Ion:113 Resp: 74109

Ion Ratio Lower Upper

113 100

55 114.5 145.9 185.9#

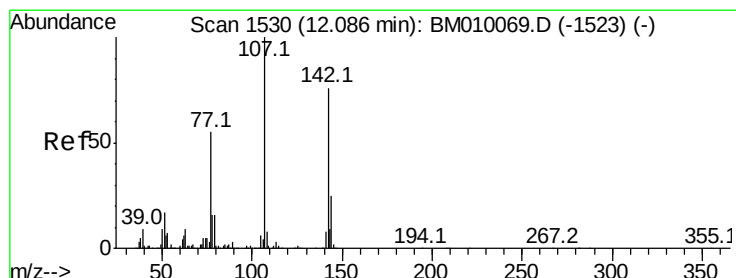
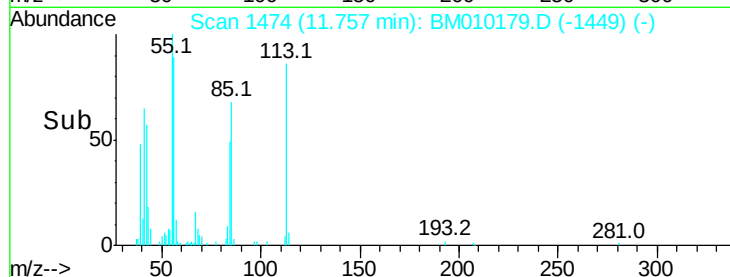
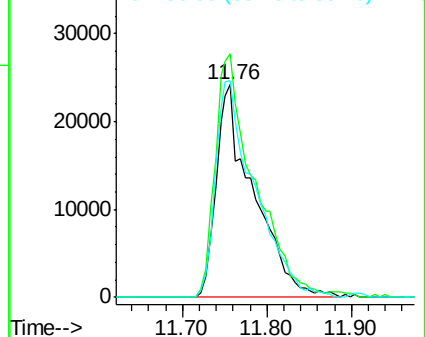
56 102.2 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 36.70 ng

RT: 12.06 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

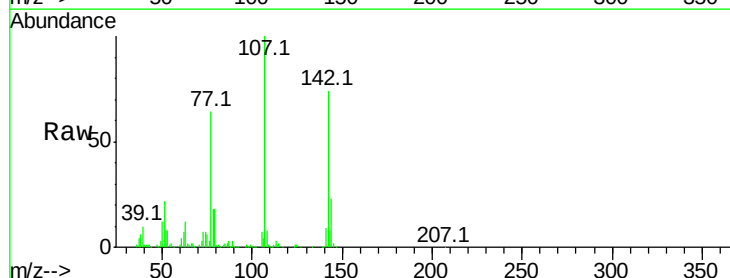
Tgt Ion:107 Resp: 296321

Ion Ratio Lower Upper

107 100

144 22.7 23.3 34.9#

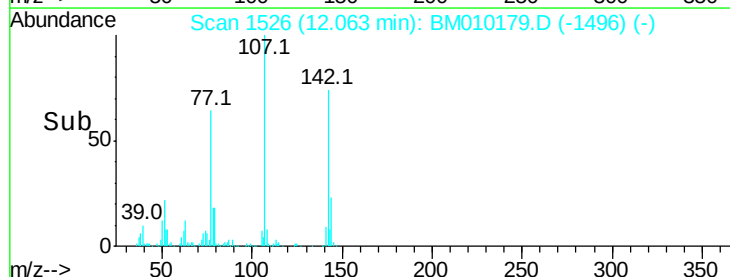
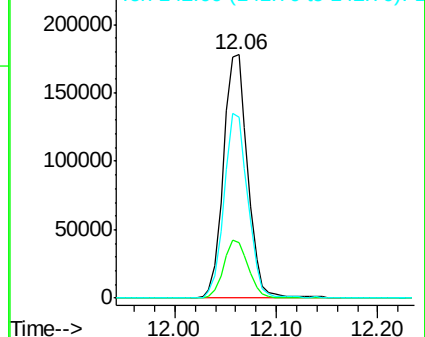
142 74.2 72.6 109.0

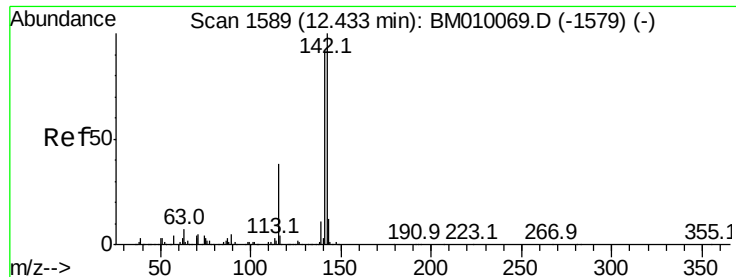


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

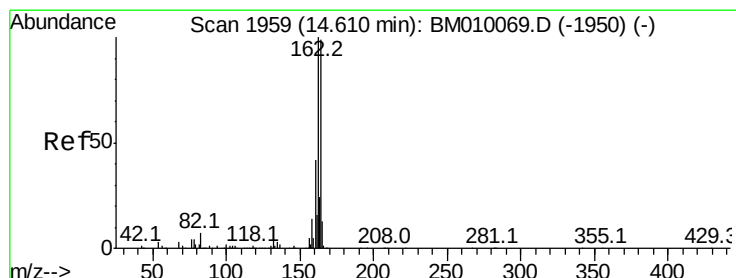
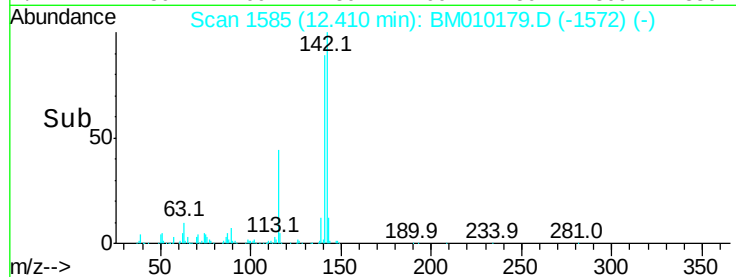
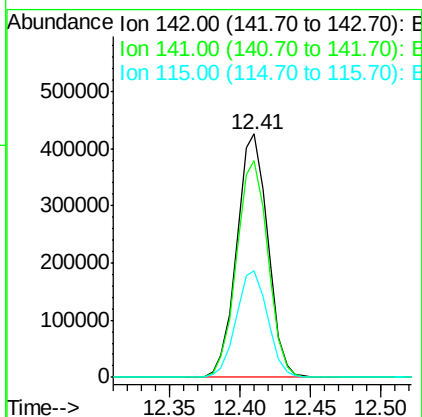
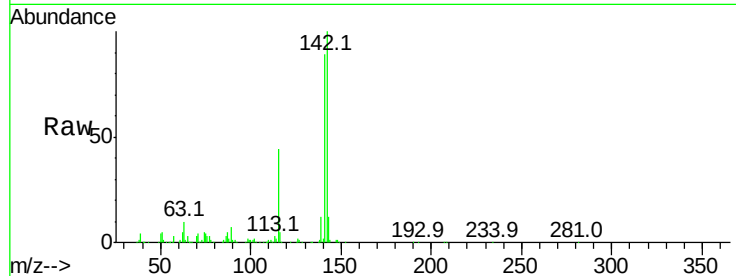




#37  
 2-Methylnaphthalene  
 Concen: 38.22 ng  
 RT: 12.41 min Scan# 1585  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

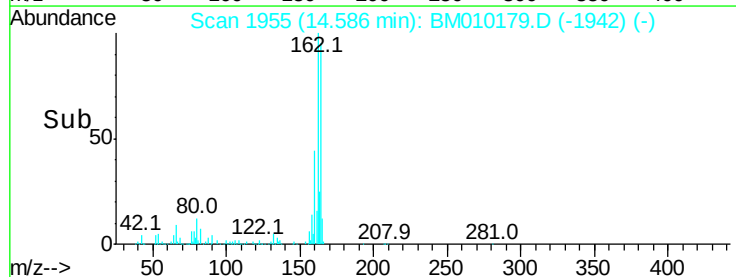
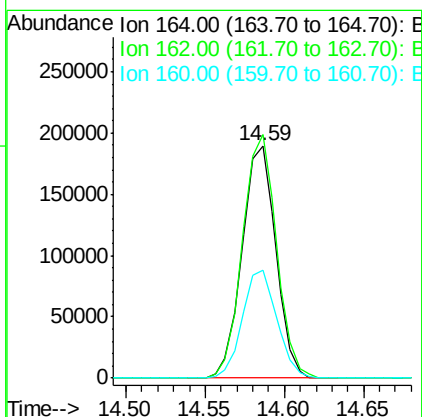
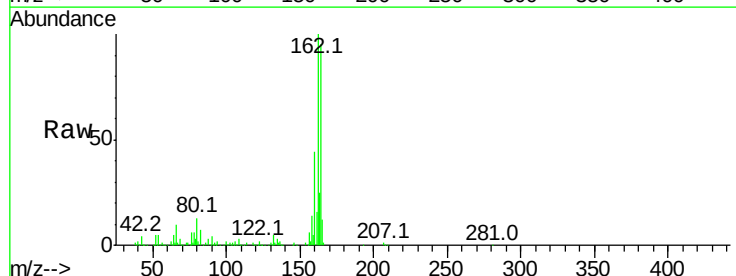
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

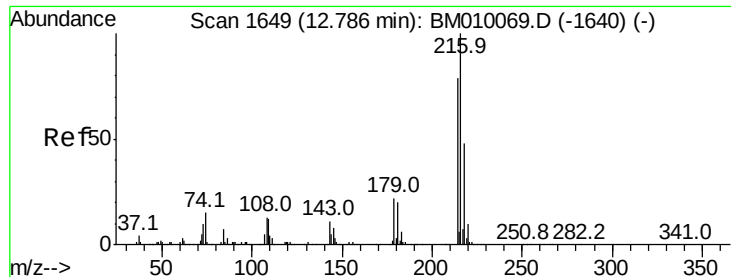
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 71.9  | 107.9 |
| 115     | 43.6  | 25.4  | 38.0  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.59 min Scan# 1955  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.8 | 82.4  | 123.6 |
| 160     | 46.4  | 35.8  | 53.6  |

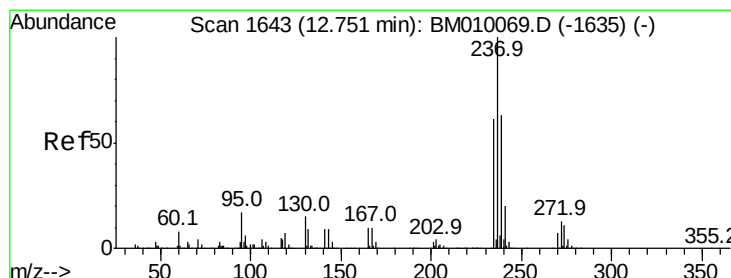
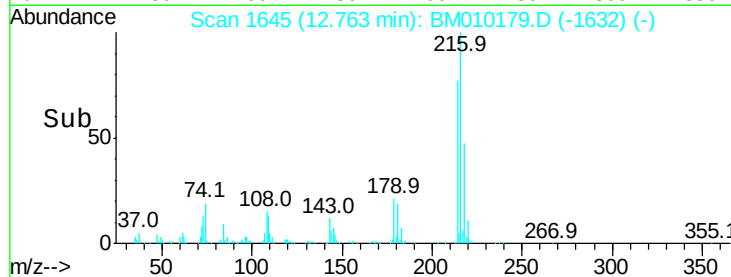
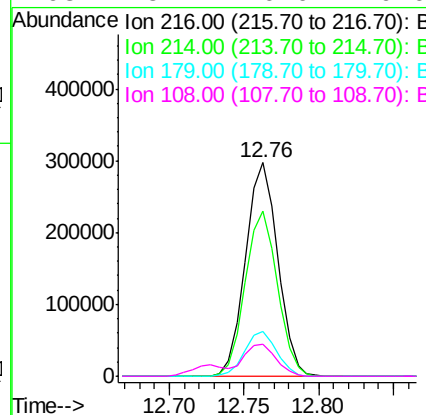
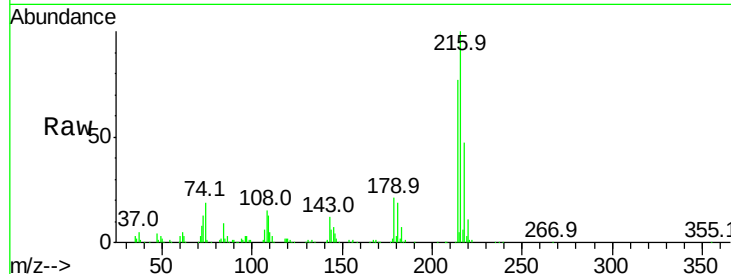




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.25 ng  
 RT: 12.76 min Scan# 1645  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

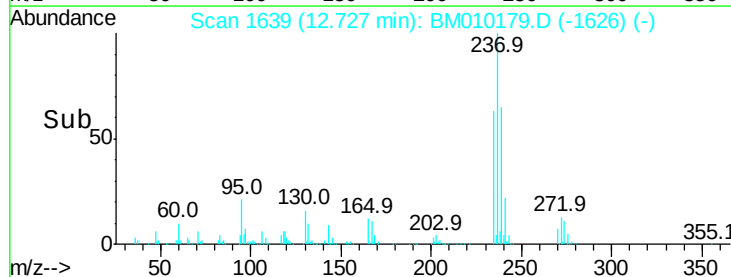
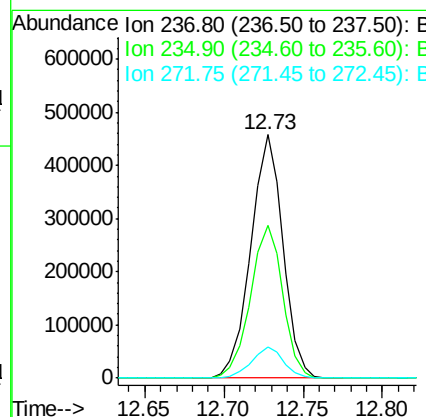
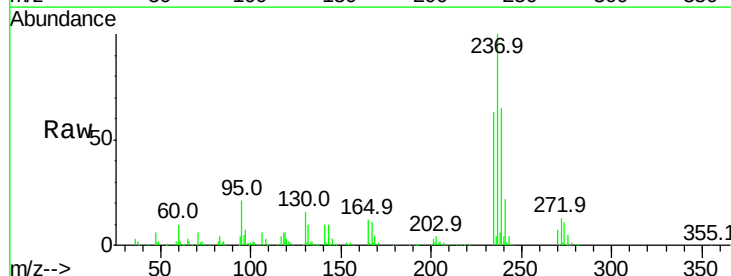
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 444188 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.5  | 0.0   | 0.0#   |
| 179      | 21.1  | 0.0   | 0.0#   |
| 108      | 15.2  | 0.0   | 0.0#   |

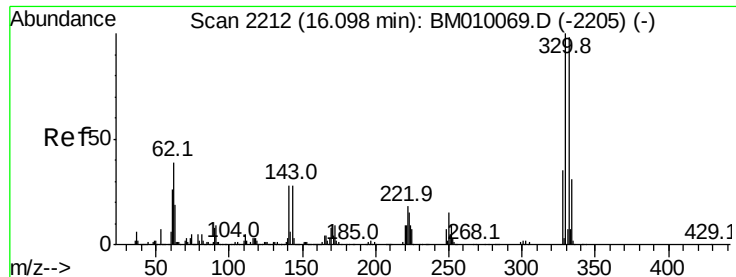


#40  
 Hexachlorocyclopentadiene  
 Concen: 103.68 ng  
 RT: 12.73 min Scan# 1639  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 644664 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.6  | 42.0  | 82.0   |
| 272      | 12.7  | 0.0   | 33.4   |



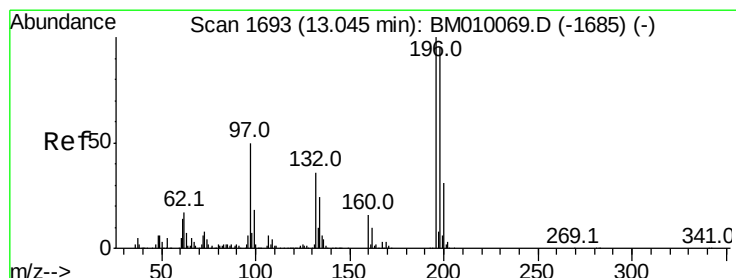
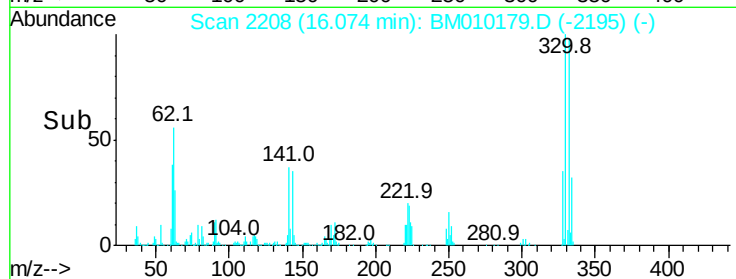
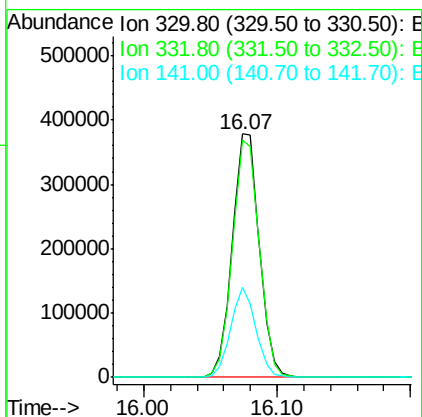
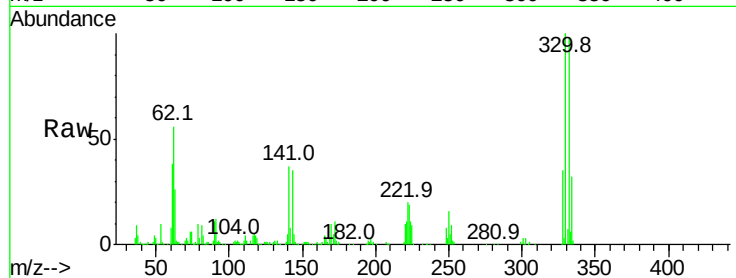




#41  
 2,4,6-Tribromophenol  
 Concen: 125.91 ng  
 RT: 16.07 min Scan# 2208  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

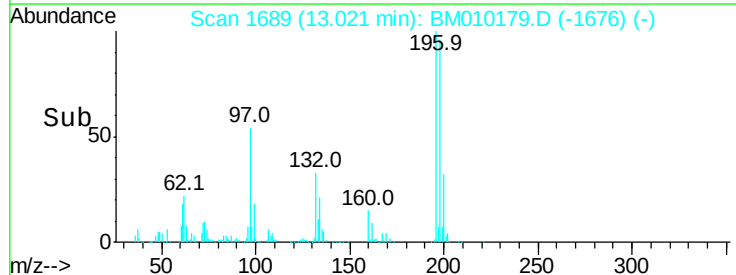
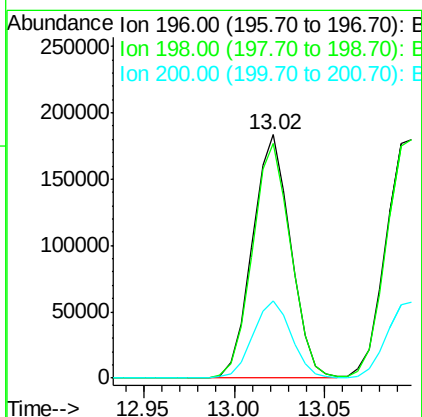
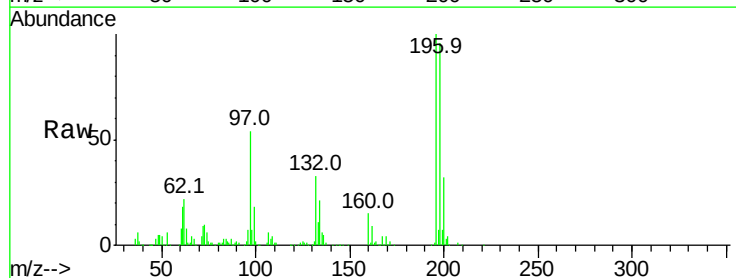
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

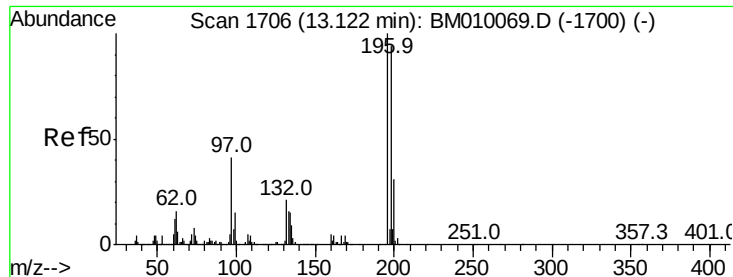
Tot Ion:330 Resp: 535482  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 0.0 0.0#  
 141 34.5 0.0 0.0#



#42  
 2,4,6-Trichlorophenol  
 Concen: 42.34 ng  
 RT: 13.02 min Scan# 1689  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

Tgt Ion:196 Resp: 268562  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 76.3 114.5  
 200 32.0 25.6 38.4

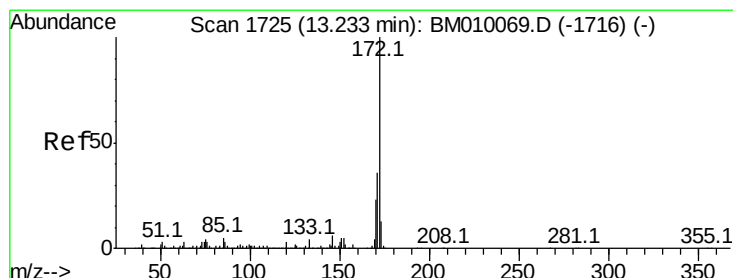
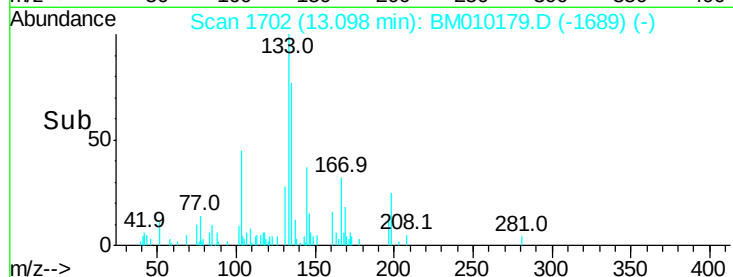
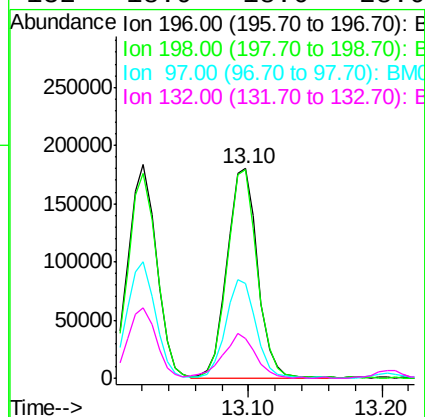
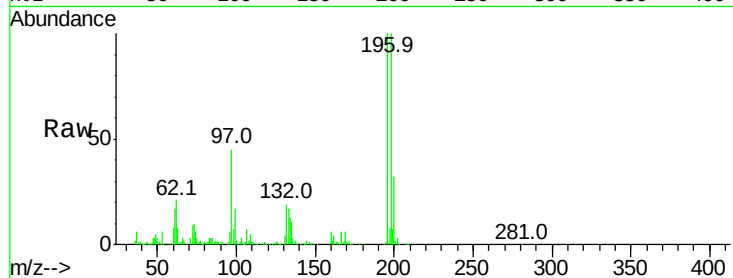




#43  
2,4,5-Trichlorophenol  
Concen: 41.09 ng  
RT: 13.10 min Scan# 1702  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

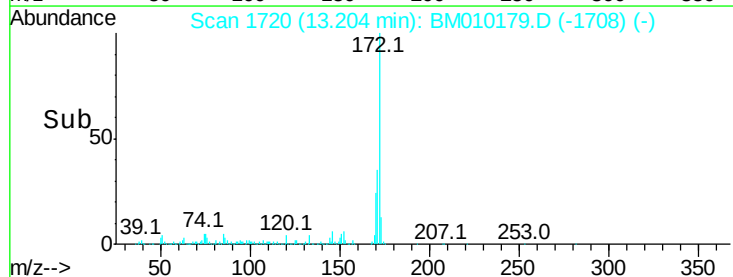
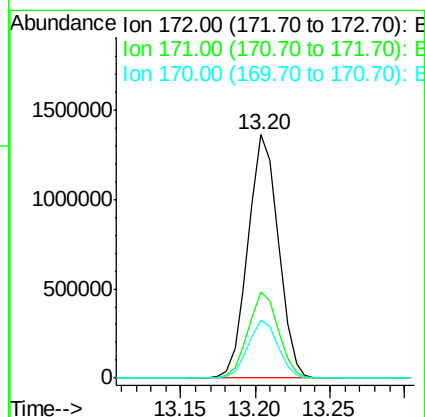
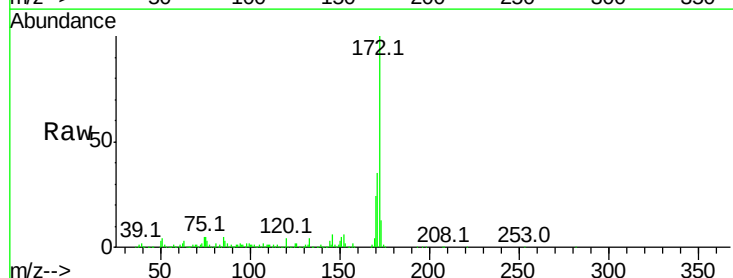
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

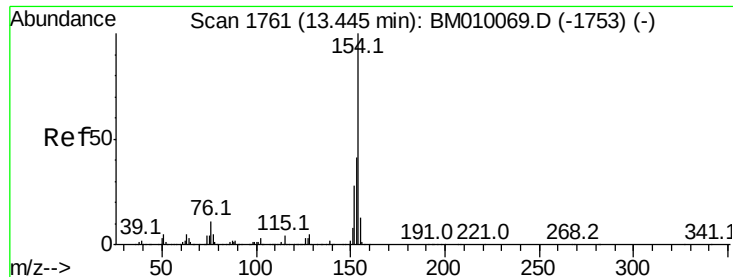
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.7  | 79.4  | 119.0 |
| 97      | 45.2  | 26.8  | 40.2# |
| 132     | 18.9  | 18.6  | 28.0  |



#44  
2-Fluorobiphenyl  
Concen: 87.83 ng  
RT: 13.20 min Scan# 1720  
Delta R.T. -0.03 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 28.5  | 42.7  |
| 170     | 23.7  | 18.8  | 28.2  |





#45

1,1'-Biphenyl

Concen: 38.80 ng

RT: 13.42 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

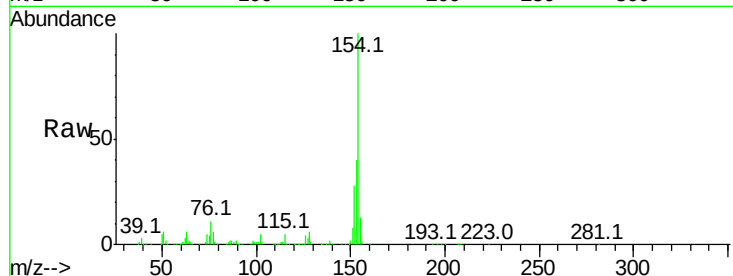
Tot Ion:154 Resp: 893573

Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

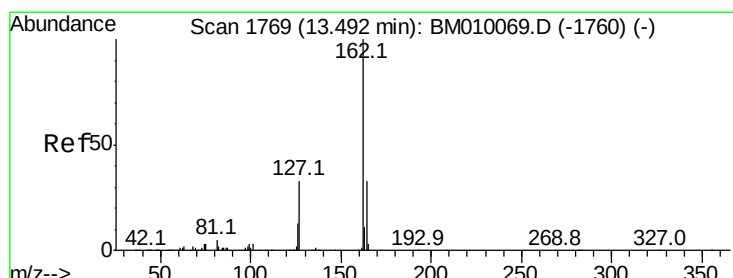
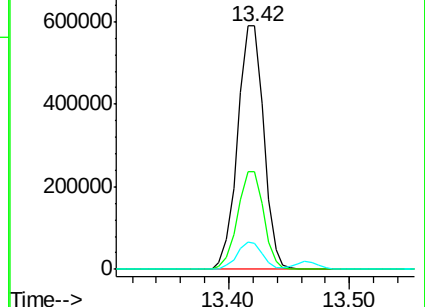
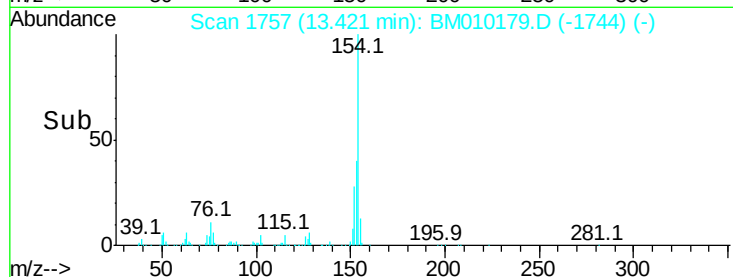
76 10.7 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 38.36 ng

RT: 13.46 min Scan# 1764

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

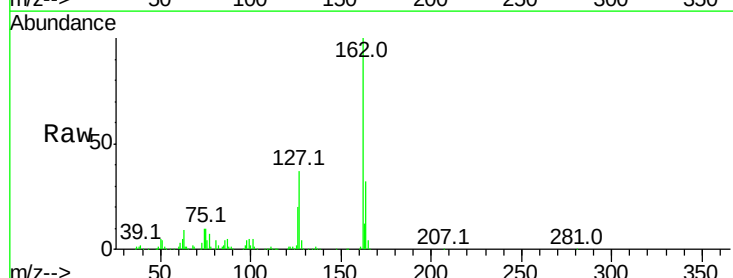
Tgt Ion:162 Resp: 715128

Ion Ratio Lower Upper

162 100

127 36.9 26.9 40.3

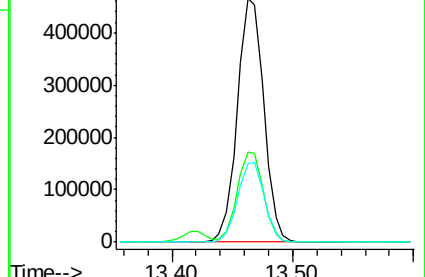
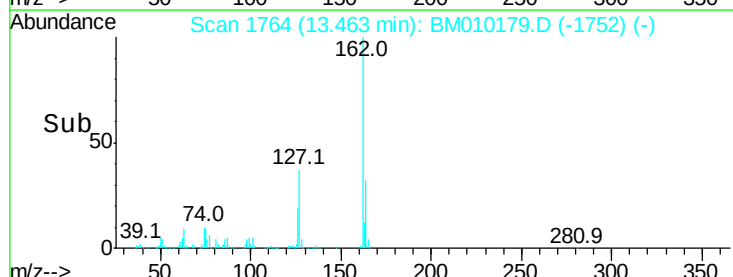
164 32.0 26.8 40.2

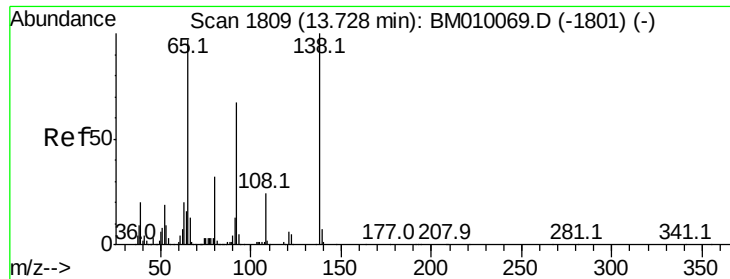


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

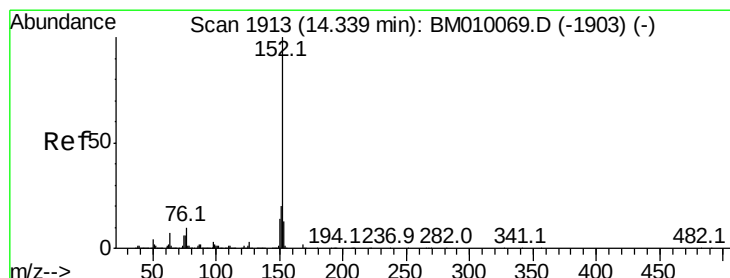
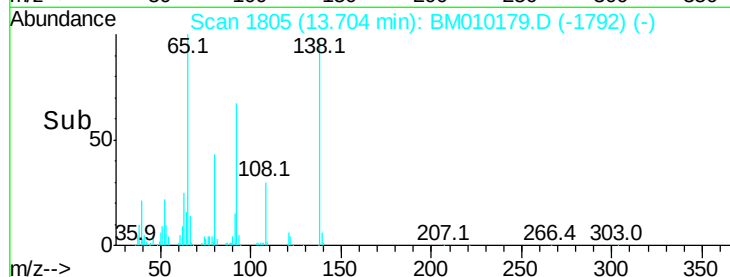
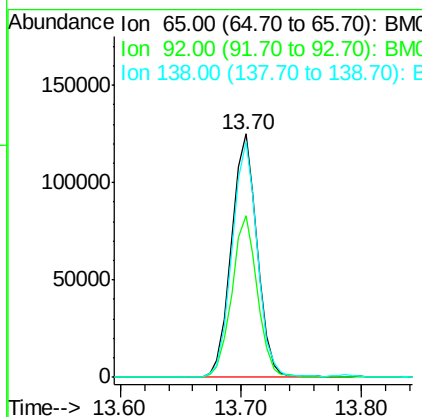
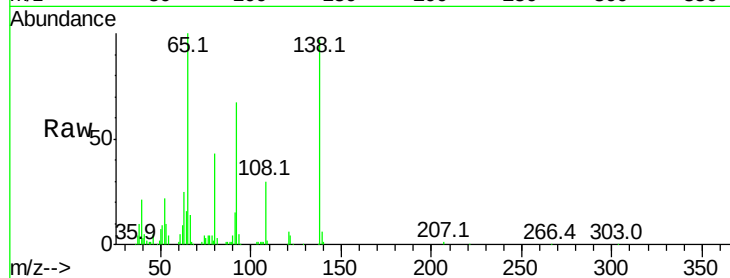




#47  
2-Nitroaniline  
Concen: 38.83 ng  
RT: 13.70 min Scan# 1805  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

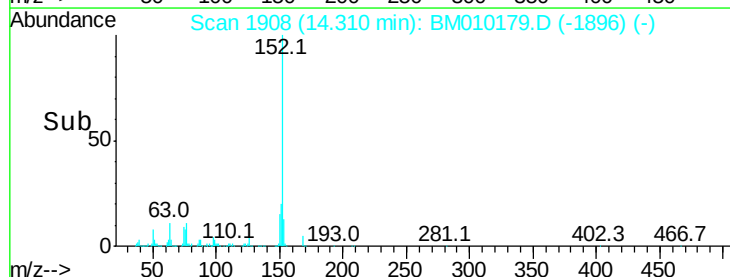
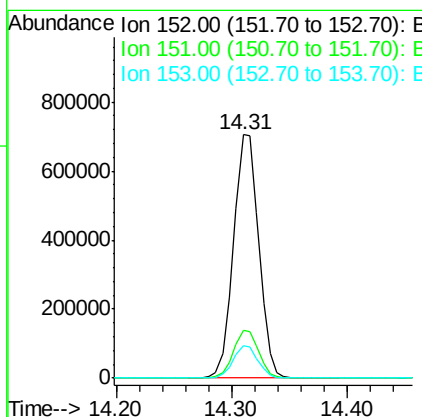
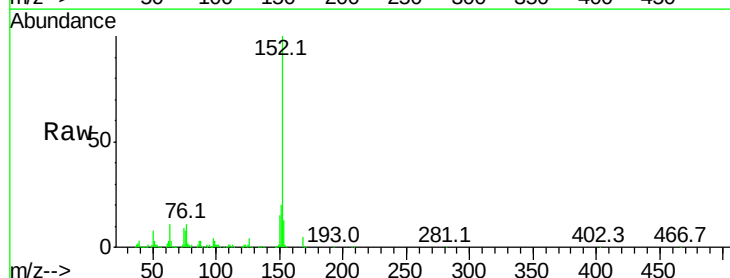
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

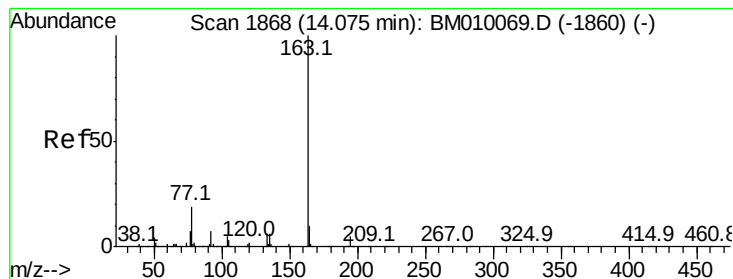
Tot Ion: 65 Resp: 186153  
Ion Ratio Lower Upper  
65 100  
92 66.6 59.1 88.7  
138 97.1 93.9 140.9



#48  
Acenaphthylene  
Concen: 38.67 ng  
RT: 14.31 min Scan# 1908  
Delta R.T. -0.03 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

Tgt Ion: 152 Resp: 1065992  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 35.52 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

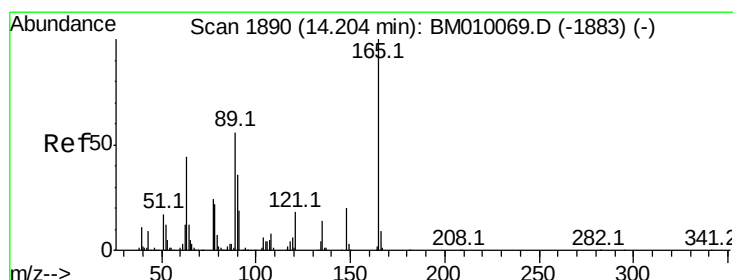
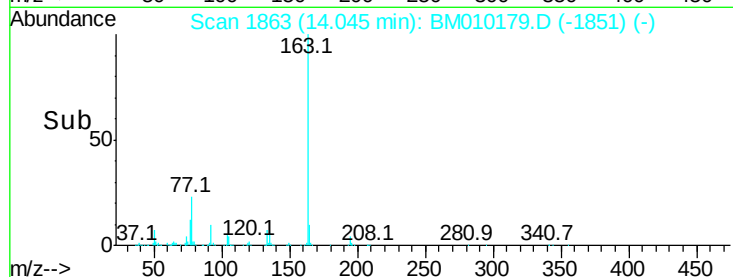
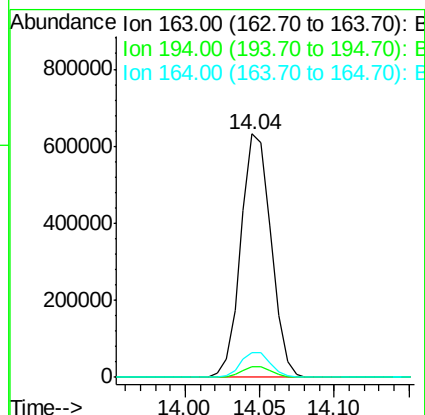
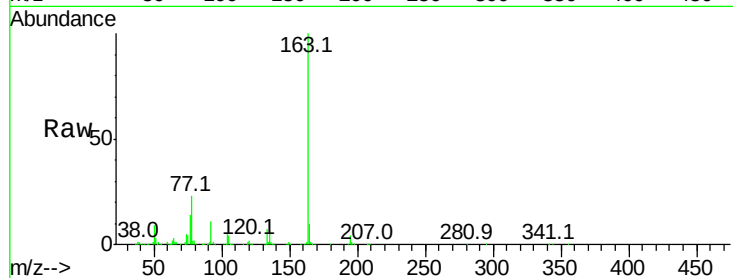
Tot Ion:163 Resp: 887302

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

164 10.4 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 38.88 ng

RT: 14.18 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

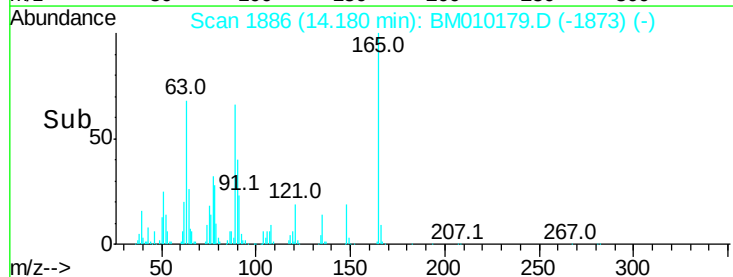
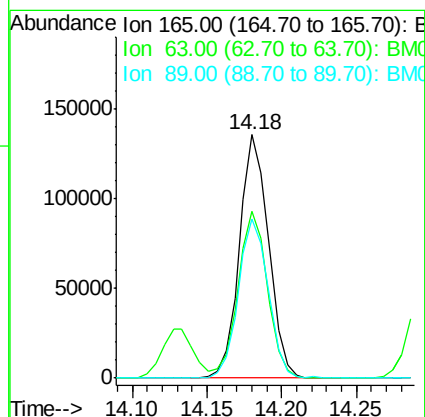
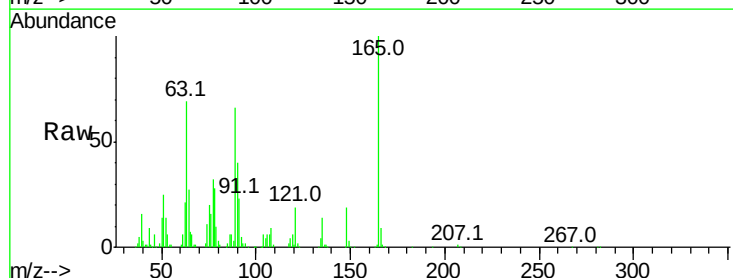
Tgt Ion:165 Resp: 184429

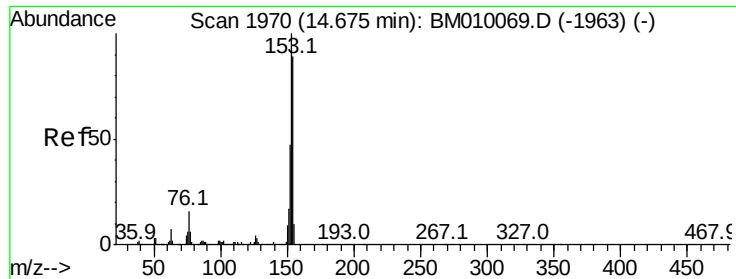
Ion Ratio Lower Upper

165 100

63 68.7 44.1 66.1#

89 65.6 44.3 66.5





#51

Acenaphthene

Concen: 37.73 ng

RT: 14.65 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

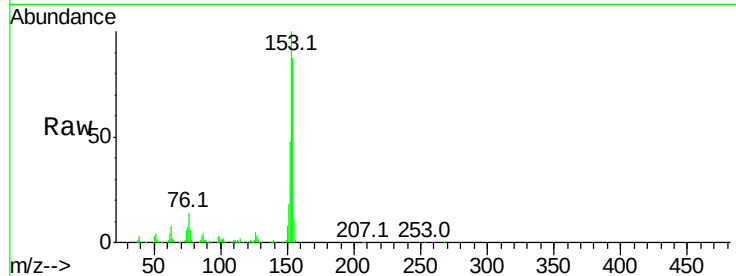
Tot Ion:154 Resp: 646584

Ion Ratio Lower Upper

154 100

153 115.4 90.0 135.0

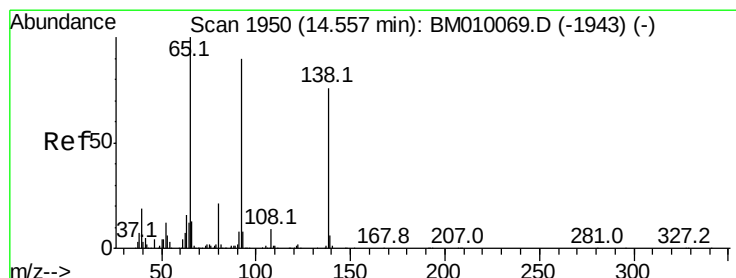
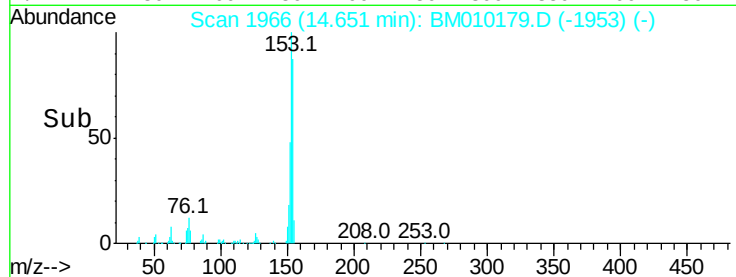
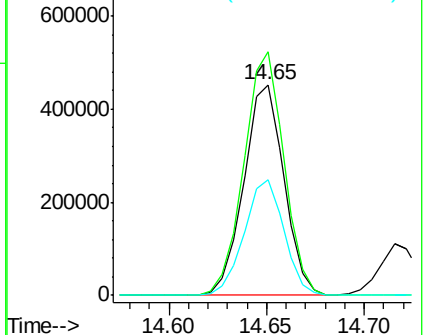
152 54.9 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.93 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

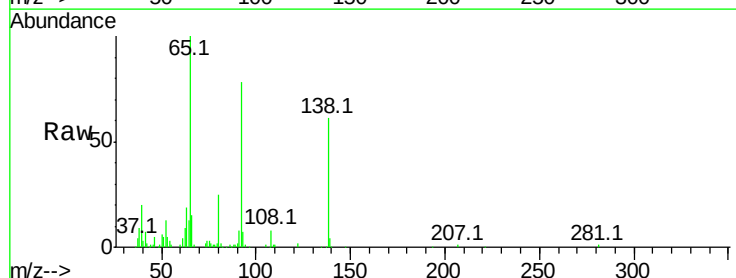
Tgt Ion:138 Resp: 92256

Ion Ratio Lower Upper

138 100

108 12.3 7.3 10.9#

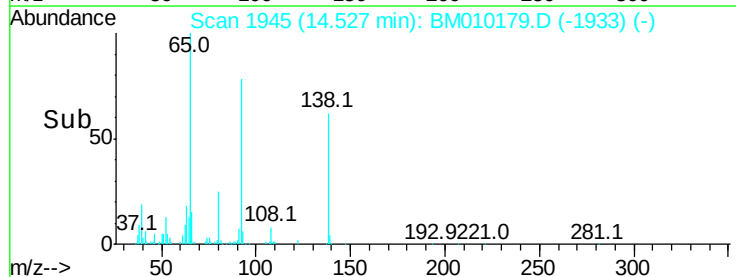
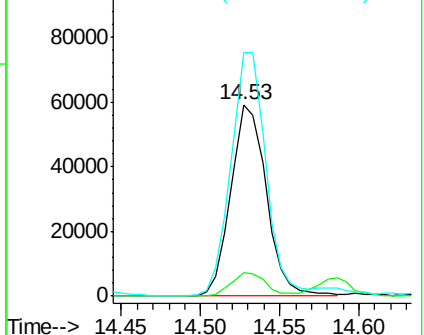
92 127.1 76.6 114.8#

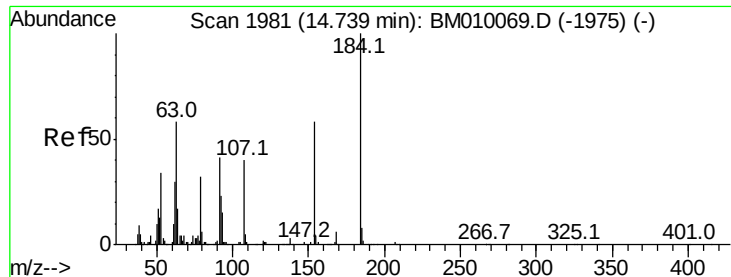


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

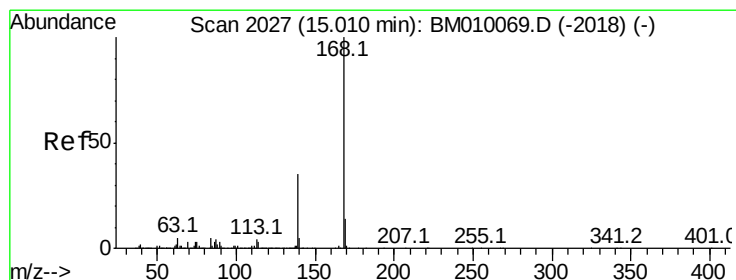
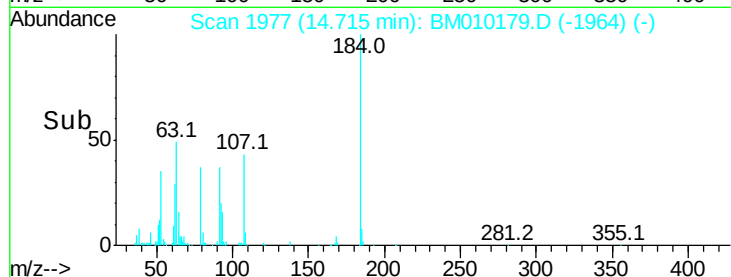
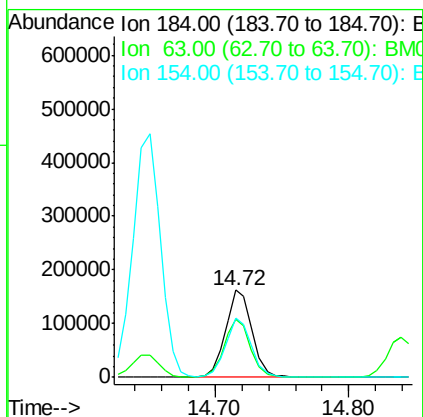
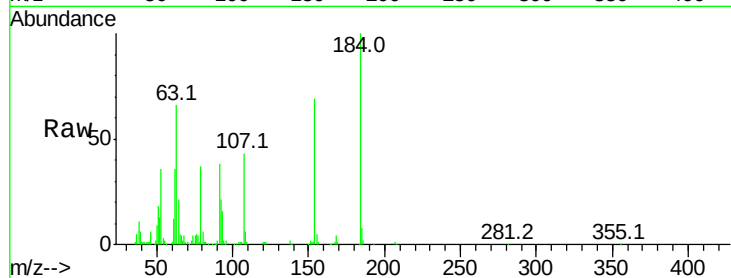




#53  
2,4-Dinitrophenol  
Concen: 72.18 ng  
RT: 14.72 min Scan# 1977  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

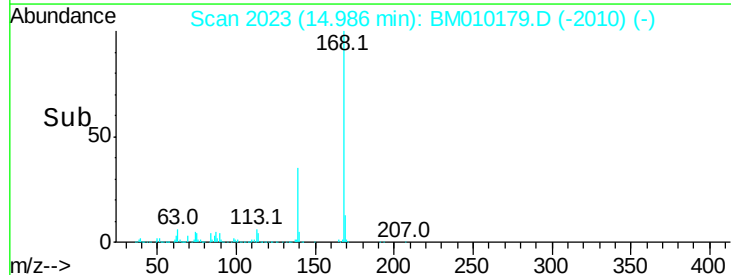
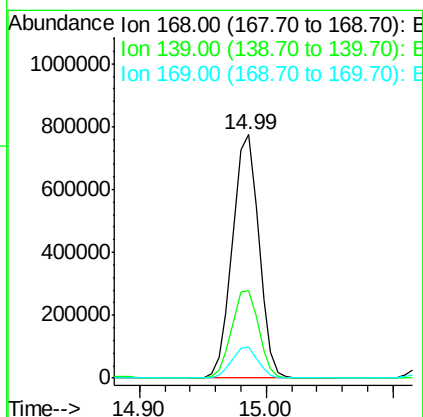
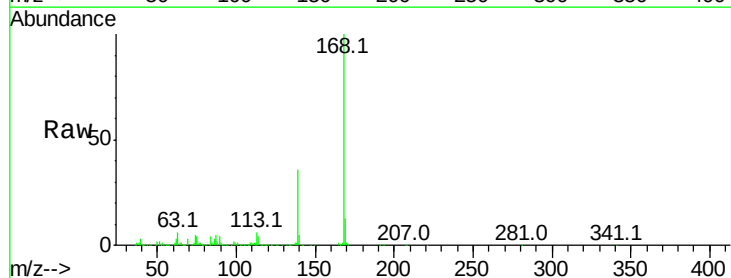
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

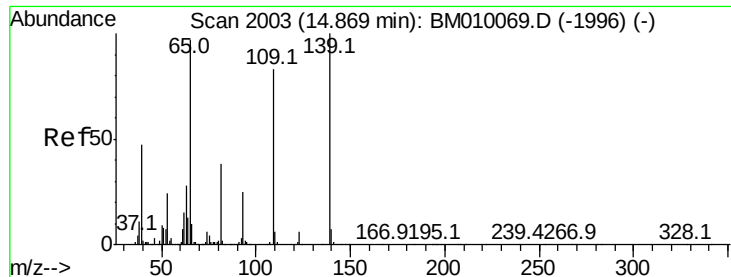
Tot Ion:184 Resp: 225361  
Ion Ratio Lower Upper  
184 100  
63 66.5 69.2 103.8#  
154 68.6 53.3 79.9



#54  
Dibenzofuran  
Concen: 41.30 ng  
RT: 14.99 min Scan# 2023  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

Tgt Ion:168 Resp: 1112948  
Ion Ratio Lower Upper  
168 100  
139 35.7 27.3 40.9  
169 12.6 10.6 16.0





#55

4-Nitrophenol

Concen: 73.67 ng

RT: 14.84 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

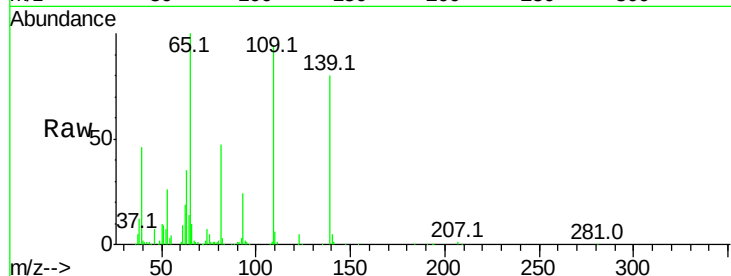
Tot Ion:139 Resp: 261370

Ion Ratio Lower Upper

139 100

109 117.9 37.7 77.7#

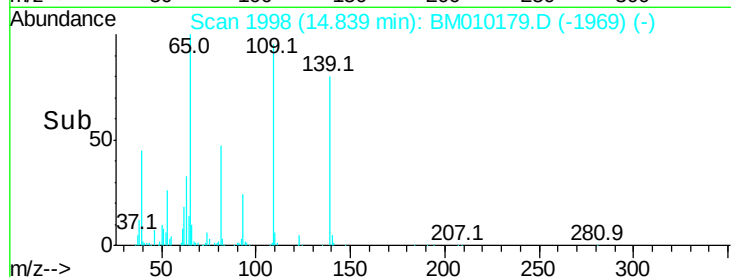
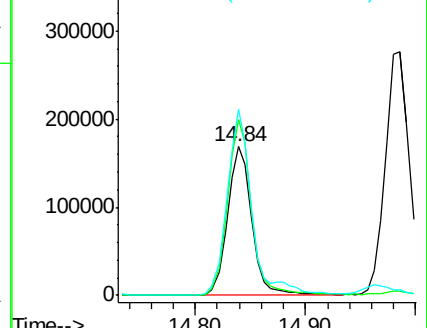
65 124.8 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 38.60 ng

RT: 14.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Tgt Ion:165 Resp: 259033

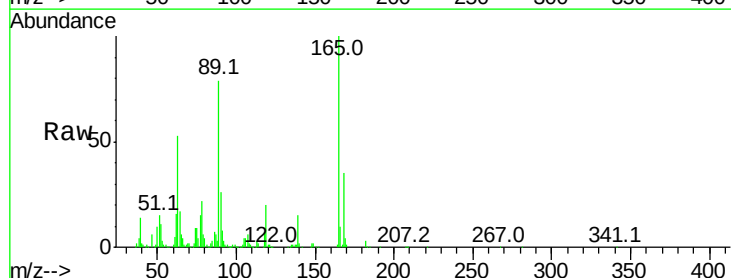
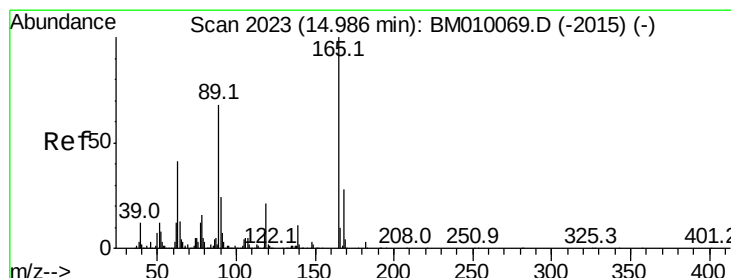
Ion Ratio Lower Upper

165 100

63 53.4 52.4 78.6

89 79.2 72.4 108.6

182 3.0 2.0 3.0#

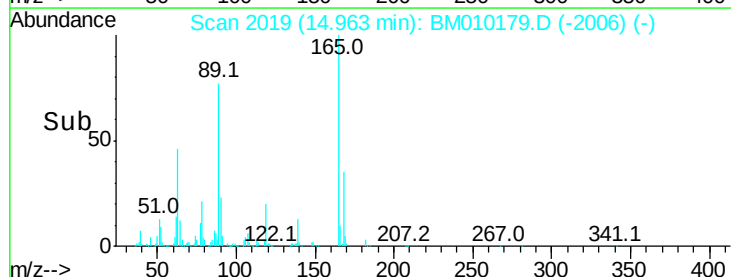
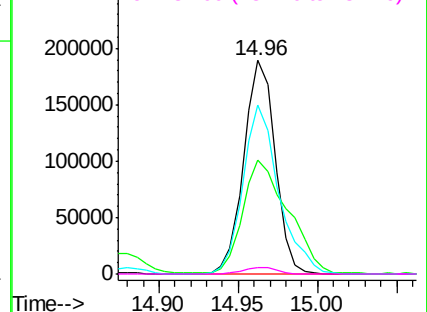


Abundance Ion 165.00 (164.70 to 165.70): E

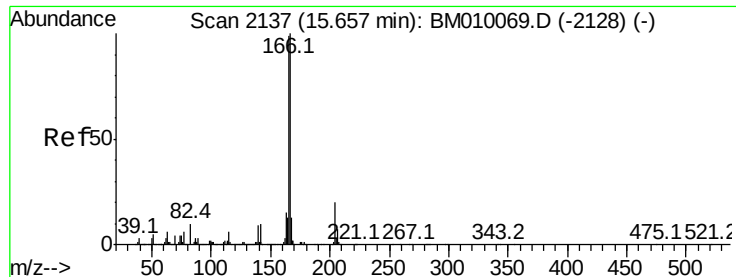
Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 38.27 ng

RT: 15.63 min Scan# 2132

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

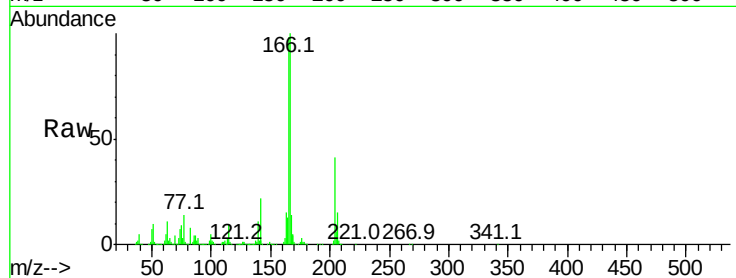
Tot Ion:166 Resp: 896791

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.4

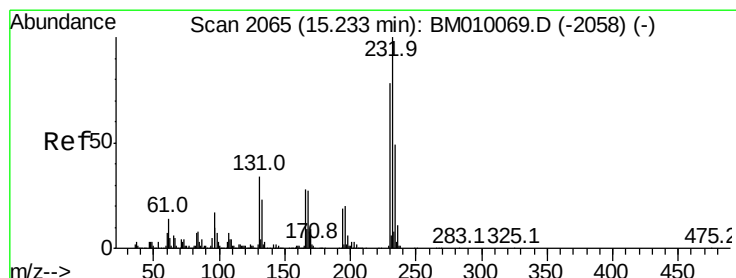
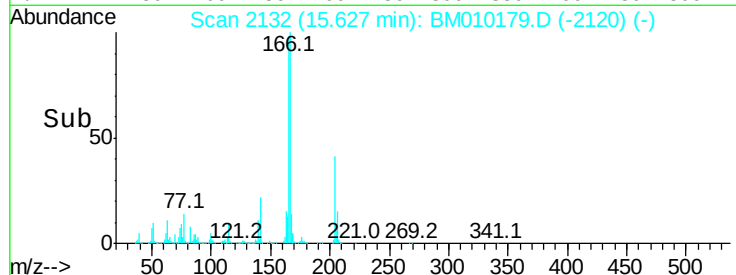
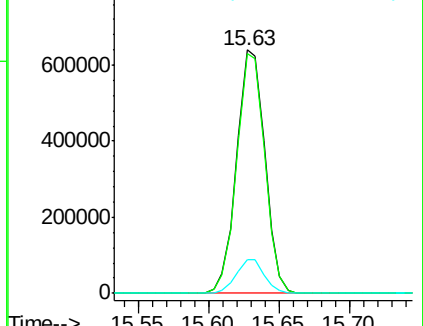
167 13.6 10.3 15.5



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.50 ng

RT: 15.21 min Scan# 2061

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Tgt Ion:232 Resp: 271596

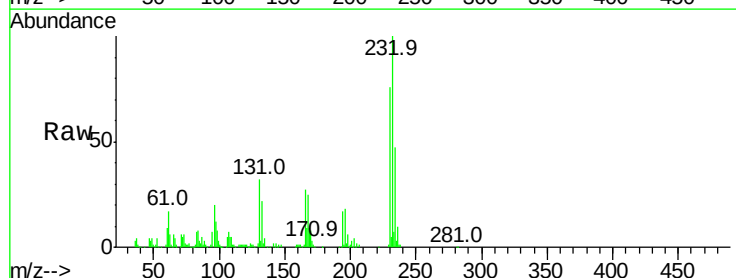
Ion Ratio Lower Upper

232 100

131 37.1 0.0 0.0#

130 2.2 0.0 0.0#

166 28.7 0.0 0.0#

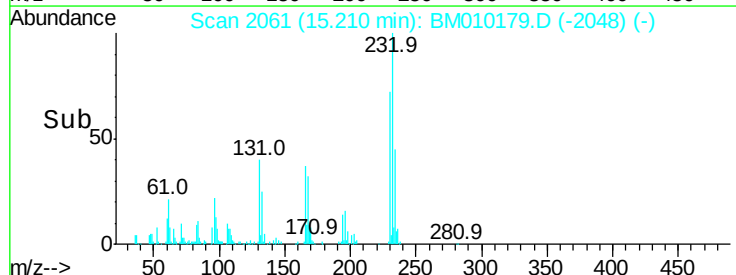
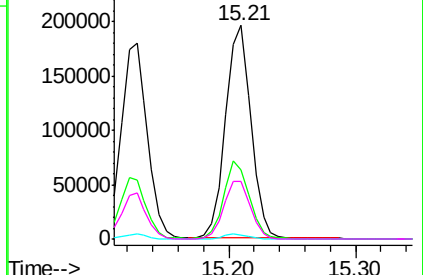


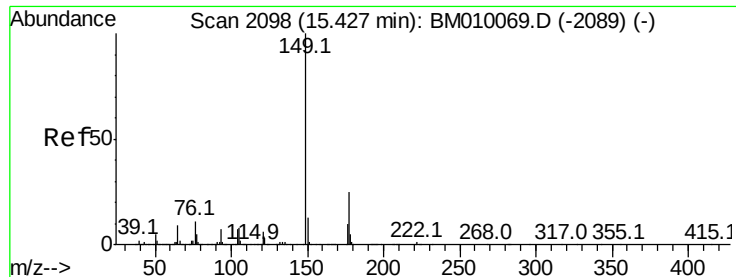
Abundance Ion 232.00 (231.70 to 232.70): E

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

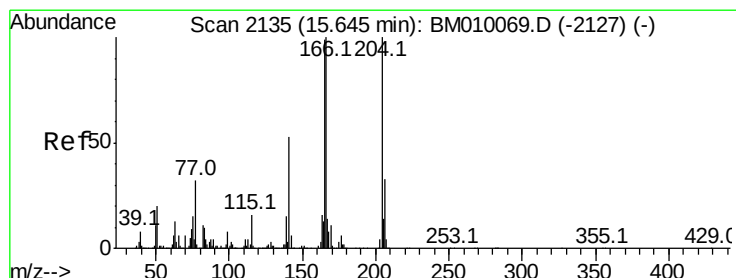
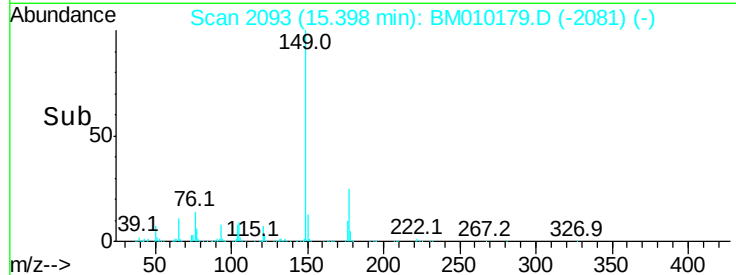
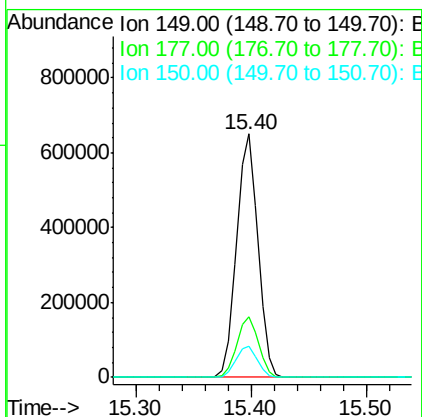
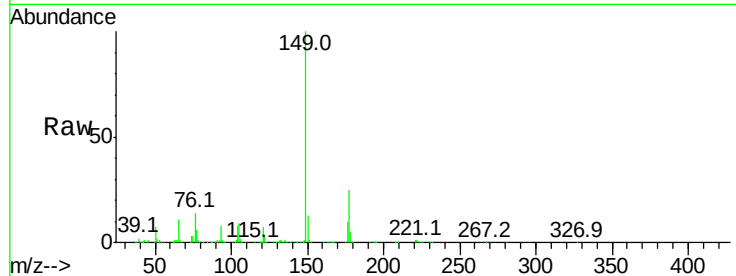




#59  
Diethylphthalate  
Concen: 35.20 ng  
RT: 15.40 min Scan# 2093  
Delta R.T. -0.03 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

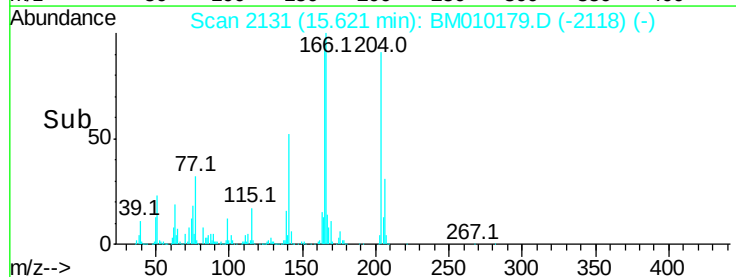
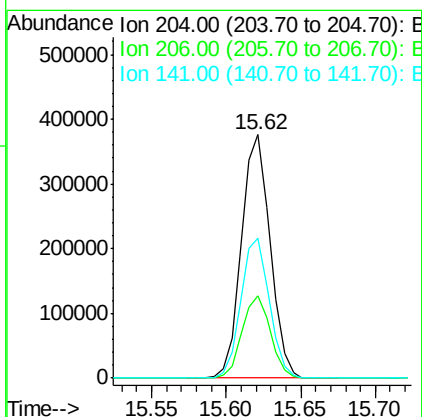
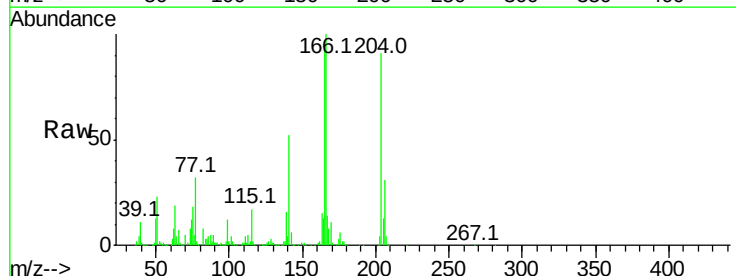
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

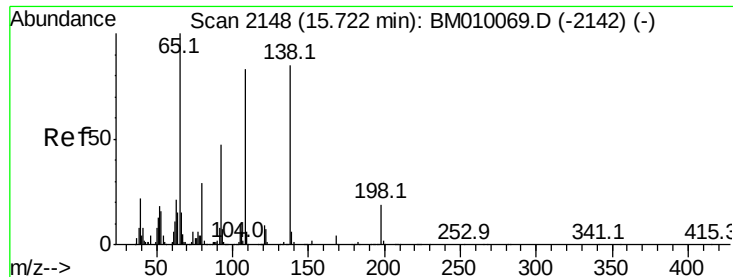
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.0  | 18.3  | 27.5  |
| 150     | 12.7  | 9.8   | 14.8  |



#60  
4-Chlorophenyl-phenylether  
Concen: 37.92 ng  
RT: 15.62 min Scan# 2131  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.8  | 26.6  | 39.8  |
| 141     | 57.7  | 45.2  | 67.8  |

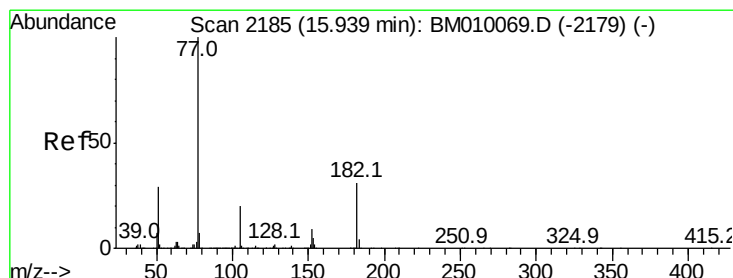
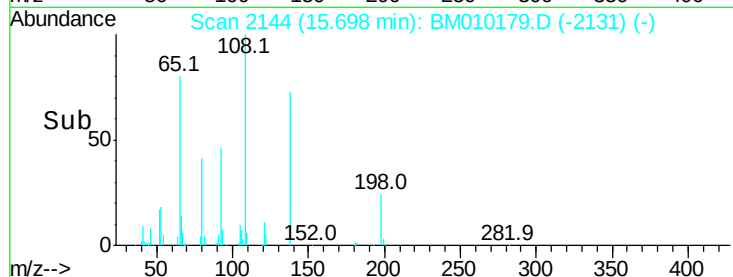
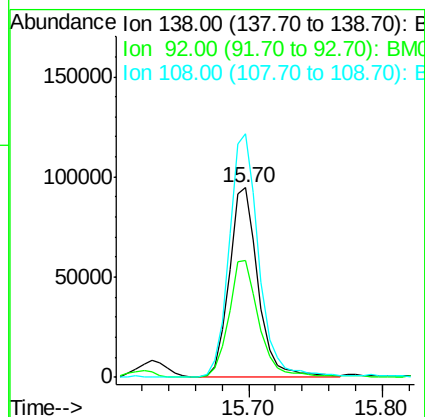
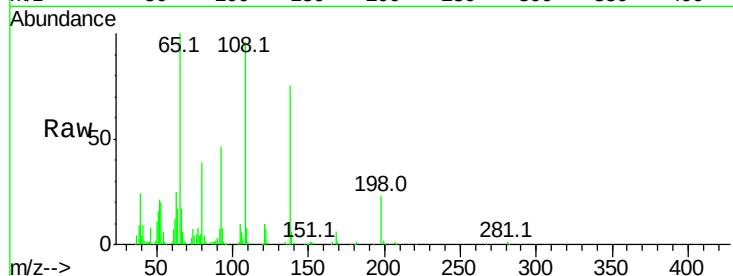




#61  
4-Nitroaniline  
Concen: 32.26 ng  
RT: 15.70 min Scan# 2144  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

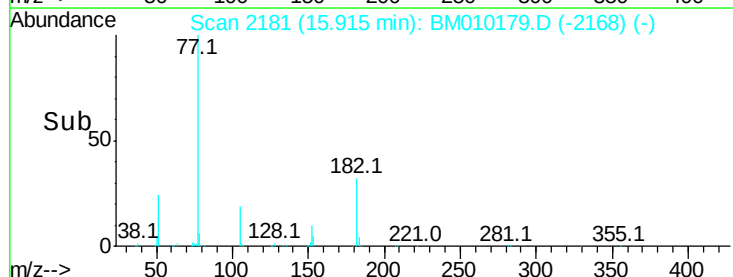
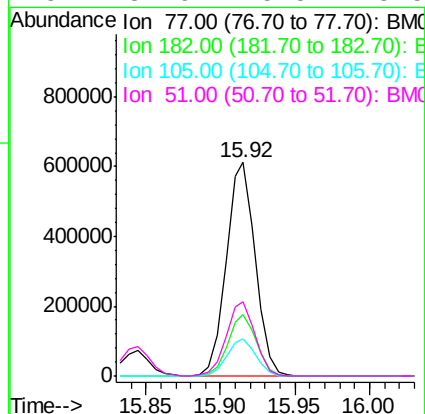
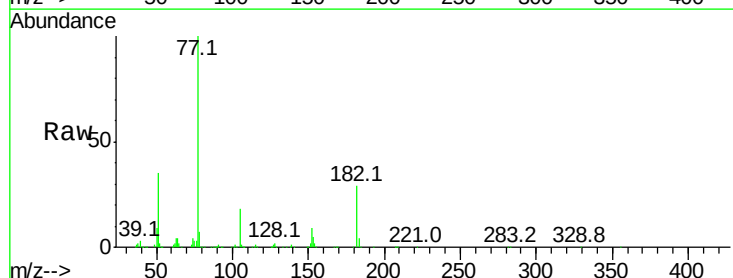
Instrument :  
BNA\_M  
ClientSampleId :  
PB99207BS

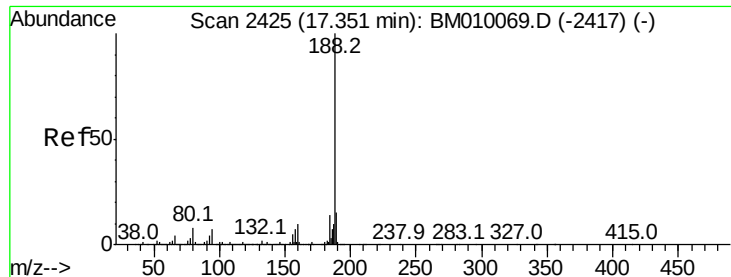
Tot Ion:138 Resp: 144357  
Ion Ratio Lower Upper  
138 100  
92 61.7 16.7 56.7#  
108 128.3 37.6 77.6#



#62  
Azobenzene  
Concen: 47.86 ng  
RT: 15.92 min Scan# 2181  
Delta R.T. -0.02 min  
Lab File: BM010179.D  
Acq: 24 May 2017 14:15

Tgt Ion: 77 Resp: 831081  
Ion Ratio Lower Upper  
77 100  
182 28.8 6.5 46.5  
105 17.5 3.8 43.8  
51 34.6 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

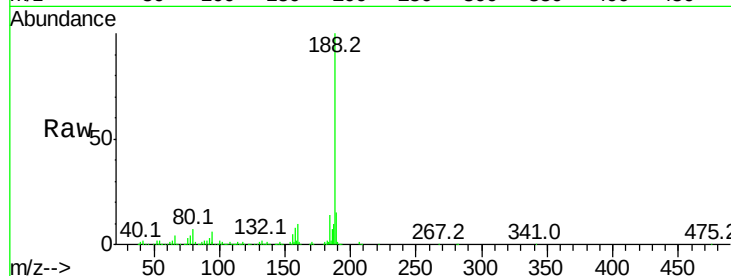
Tot Ion:188 Resp: 646782

Ion Ratio Lower Upper

188 100

94 5.8 8.7 13.1#

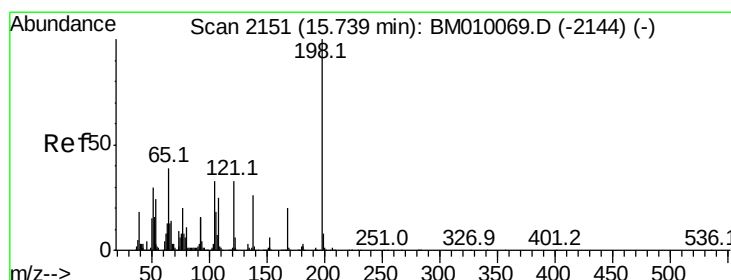
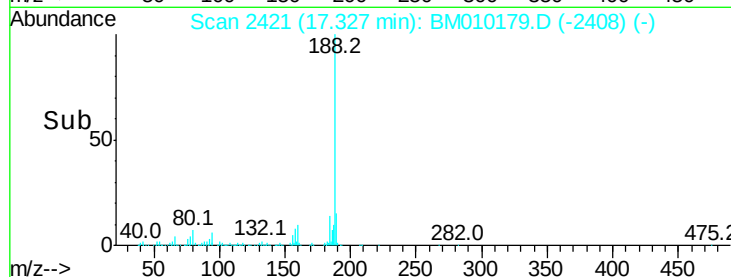
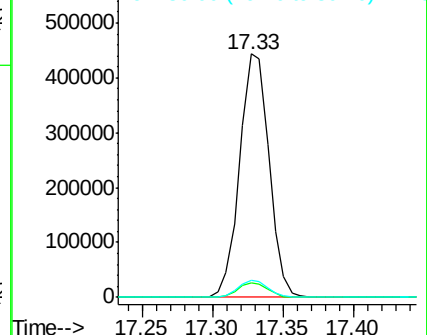
80 7.3 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.83 ng

RT: 15.71 min Scan# 2146

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

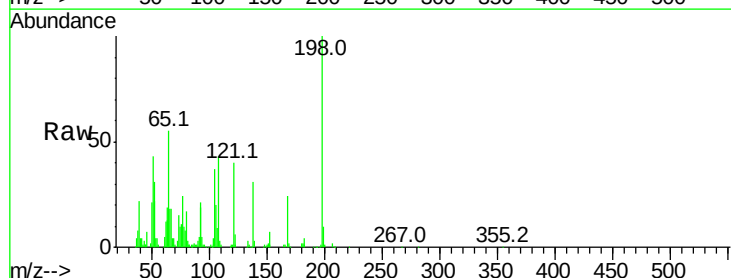
Tgt Ion:198 Resp: 153422

Ion Ratio Lower Upper

198 100

51 43.1 28.8 68.8

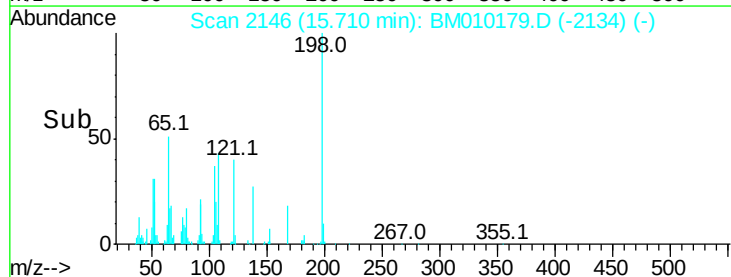
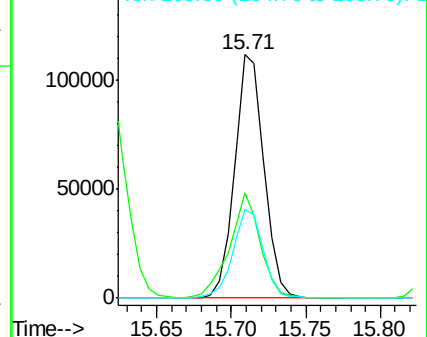
105 36.6 30.5 70.5

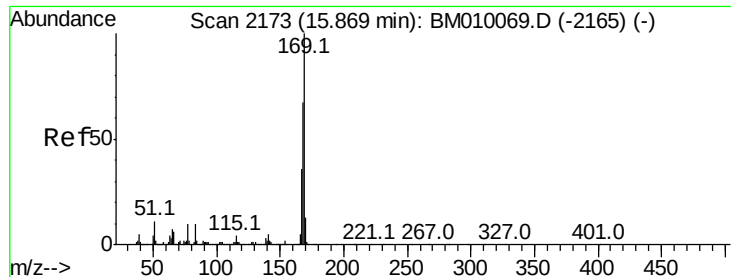


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.23 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

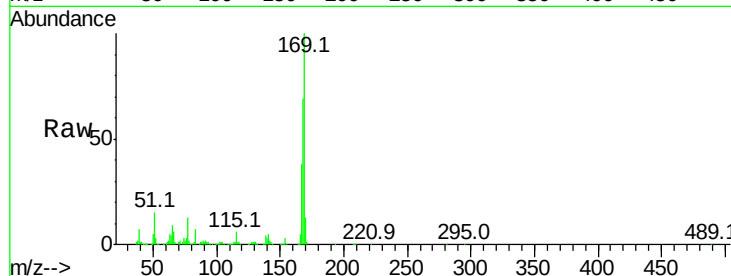
Tot Ion:169 Resp: 760460

Ion Ratio Lower Upper

169 100

168 68.8 53.9 80.9

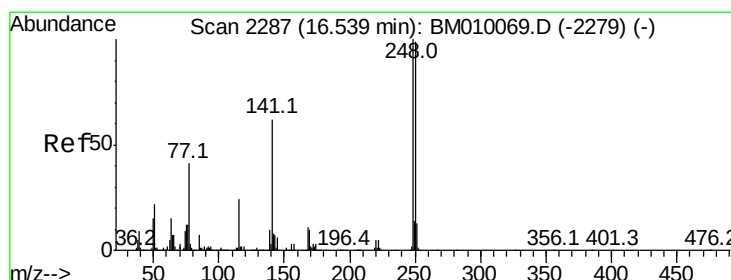
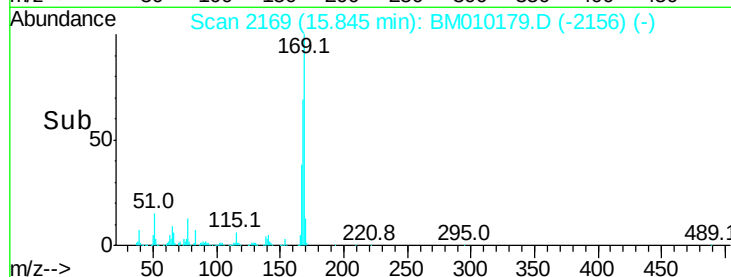
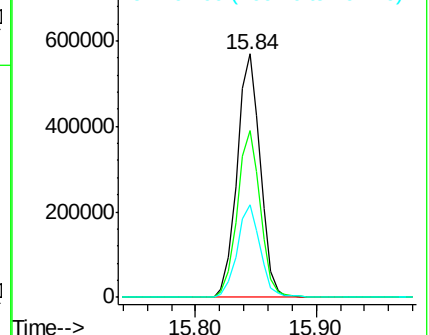
167 38.2 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.67 ng

RT: 16.52 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

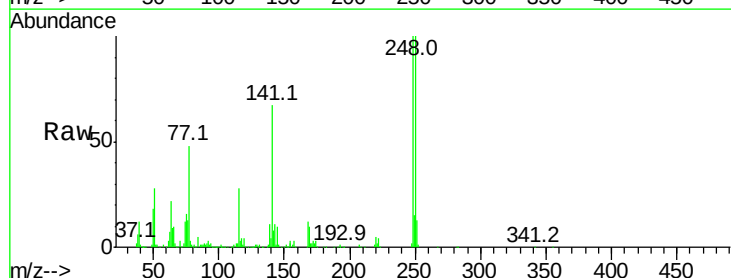
Tgt Ion:248 Resp: 328454

Ion Ratio Lower Upper

248 100

250 99.7 77.4 116.0

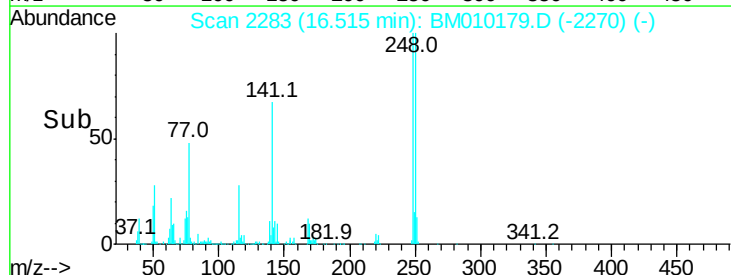
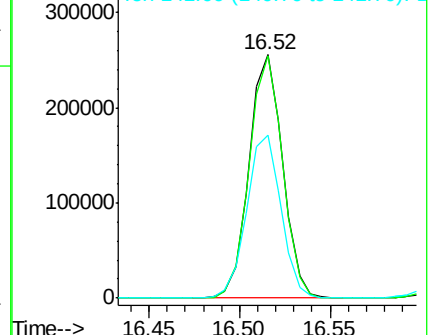
141 67.0 45.2 67.8

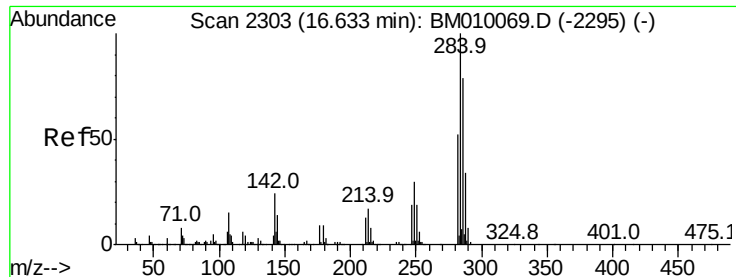


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.22 ng

RT: 16.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

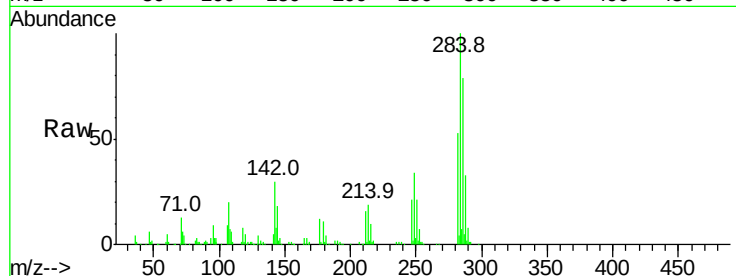
Tot Ion:284 Resp: 364367

Ion Ratio Lower Upper

284 100

142 29.7 20.4 30.6

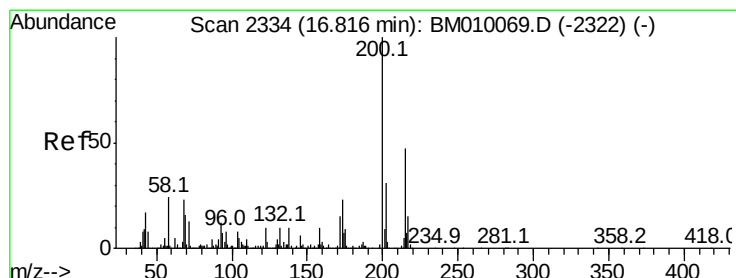
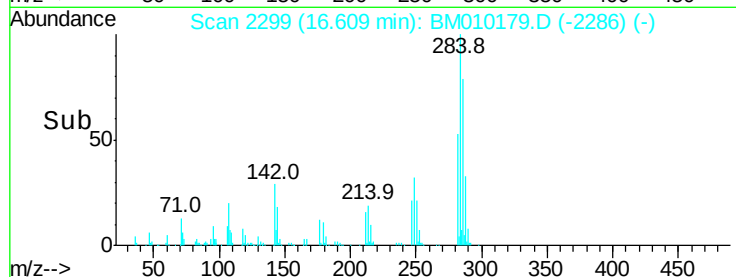
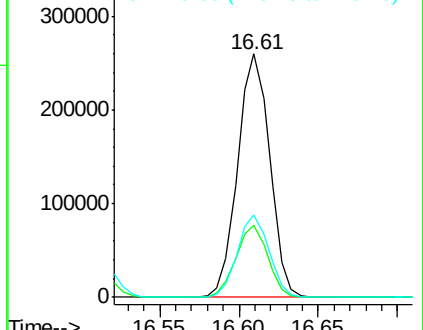
249 33.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.04 ng

RT: 16.79 min Scan# 2329

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

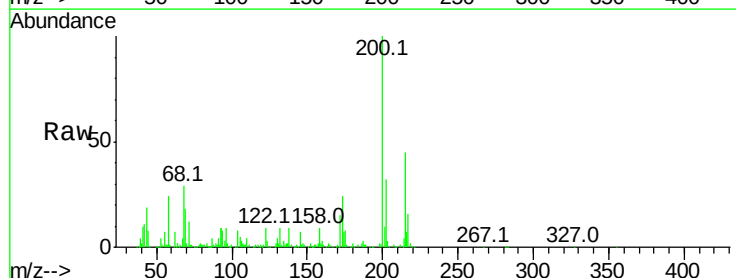
Tgt Ion:200 Resp: 309002

Ion Ratio Lower Upper

200 100

173 23.6 4.8 44.8

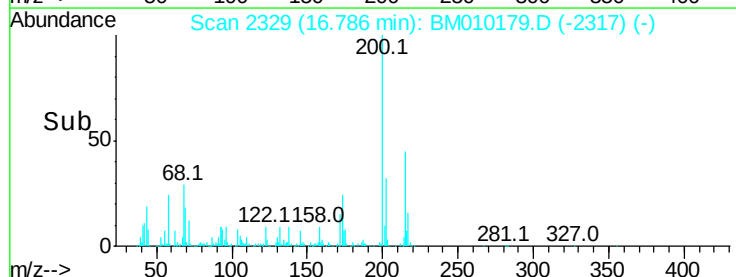
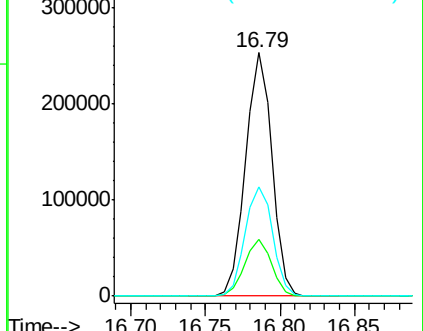
215 44.8 26.9 66.9

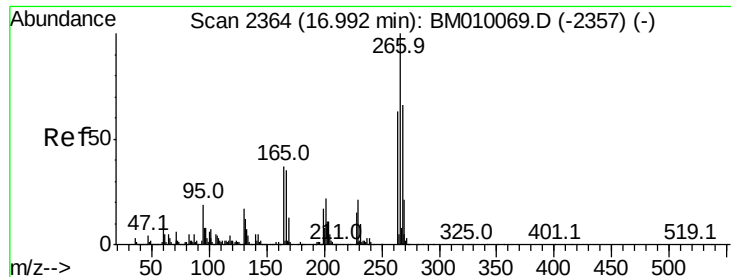


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

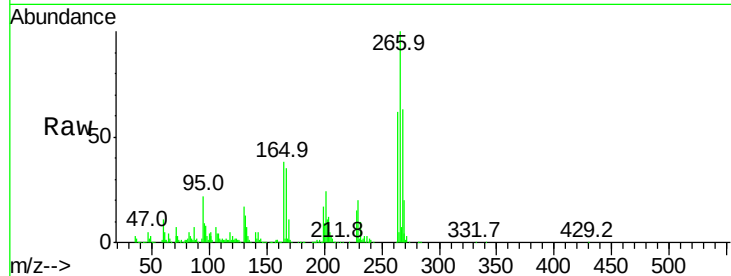




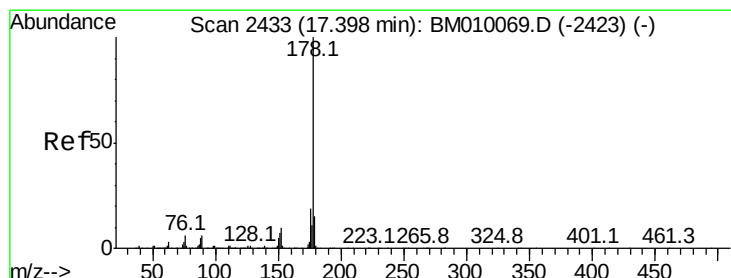
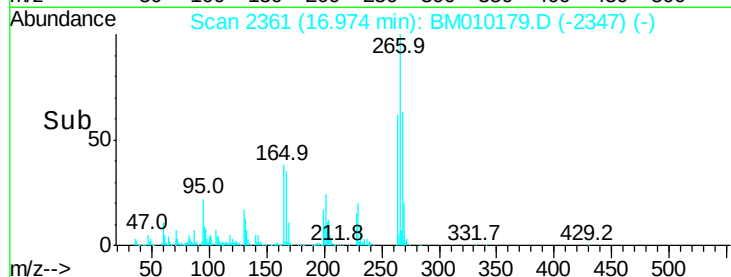
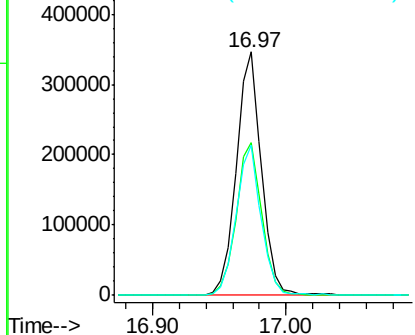
#69  
 Pentachlorophenol  
 Concen: 81.62 ng  
 RT: 16.97 min Scan# 2361  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.6  | 52.0  | 78.0  |
| 264     | 61.6  | 49.0  | 73.4  |

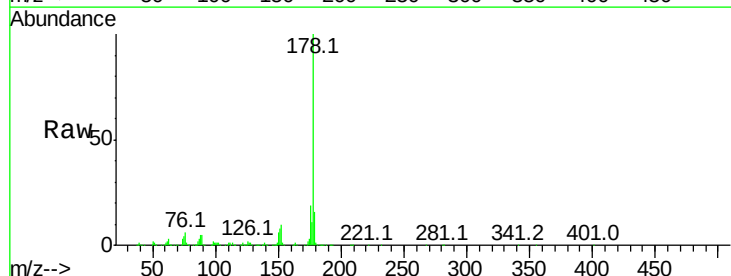


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

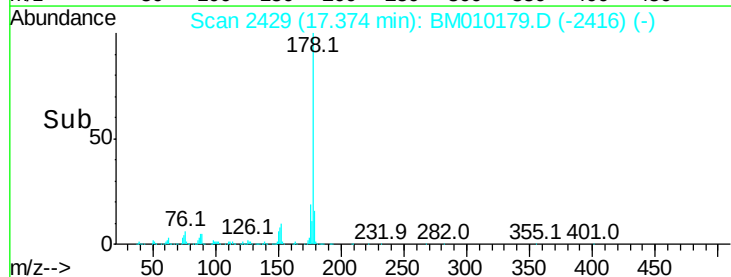
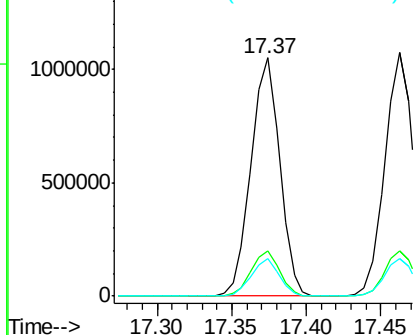


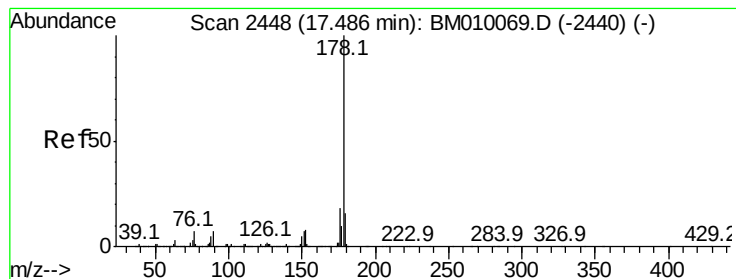
#70  
 Phenanthrene  
 Concen: 38.81 ng  
 RT: 17.37 min Scan# 2429  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.2  | 22.8  |
| 179     | 15.5  | 12.1  | 18.1  |



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





#71

Anthracene

Concen: 40.28 ng

RT: 17.46 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

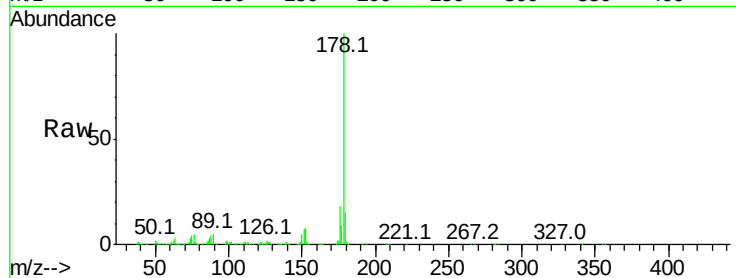
BNA\_M

ClientSampled :

PB99207BS

Tot Ion:178 Resp: 1446370

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.3  | 14.6  | 22.0  |
| 179 | 15.2  | 12.6  | 19.0  |

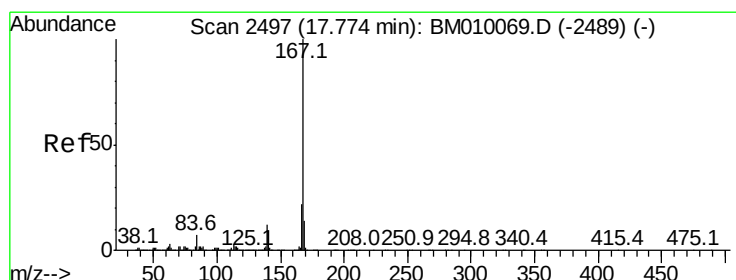
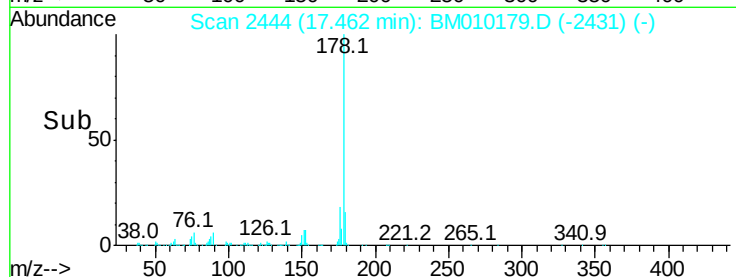
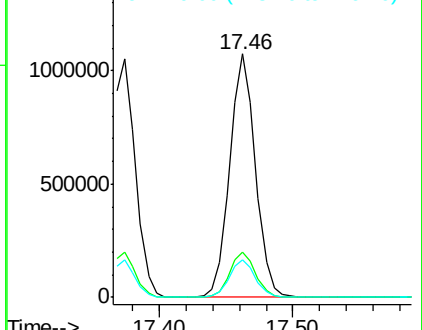


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.69 ng

RT: 17.75 min Scan# 2493

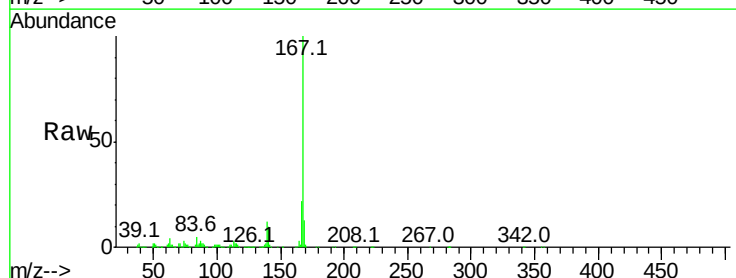
Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Tgt Ion:167 Resp: 1230201

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.2  | 25.8  |
| 139 | 11.9  | 10.8  | 16.2  |

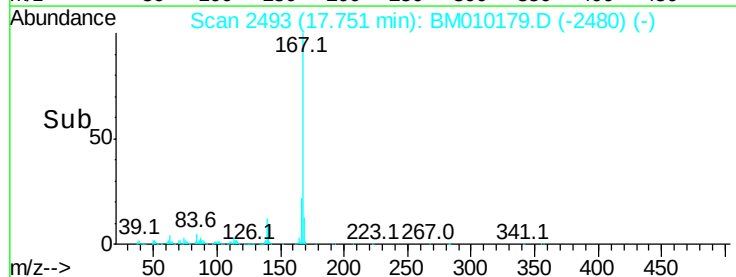
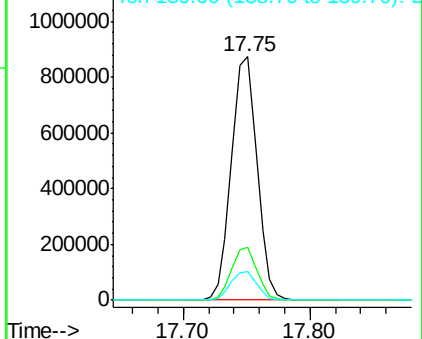


Abundance

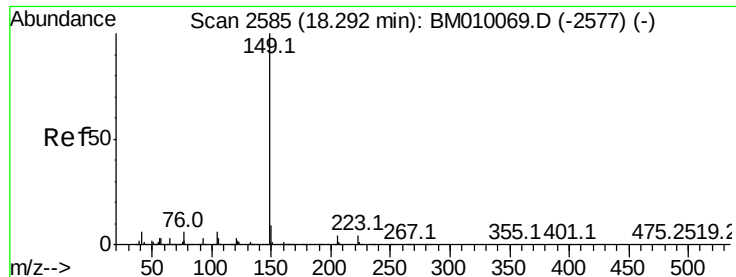
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 34.79 ng

RT: 18.27 min Scan# 2581

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampled :

PB99207BS

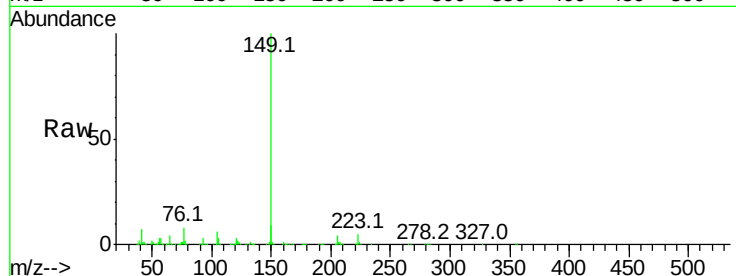
Tot Ion:149 Resp: 1311653

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

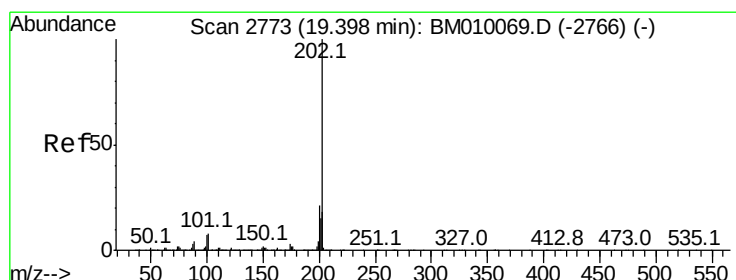
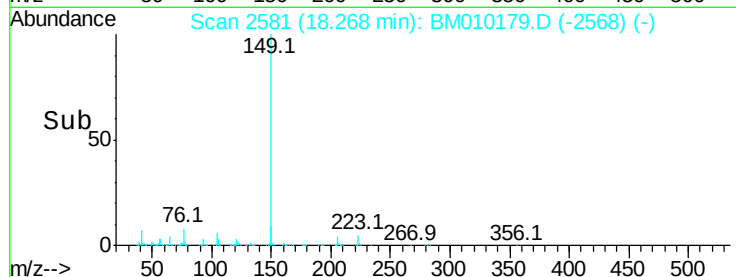
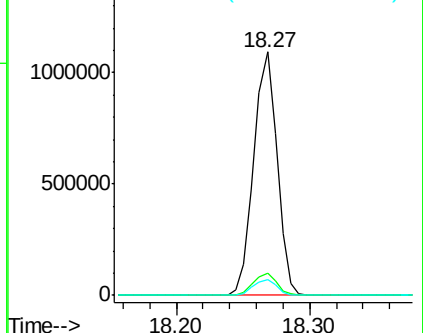
104 6.4 3.7 5.5#



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: 37.19 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

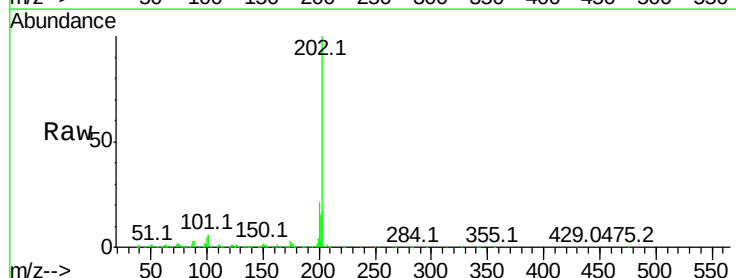
Tgt Ion:202 Resp: 1747224

Ion Ratio Lower Upper

202 100

101 5.7 0.0 28.7

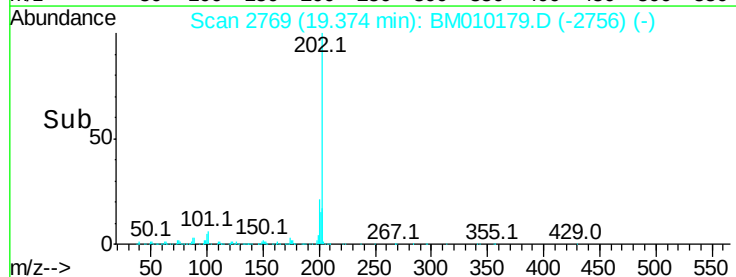
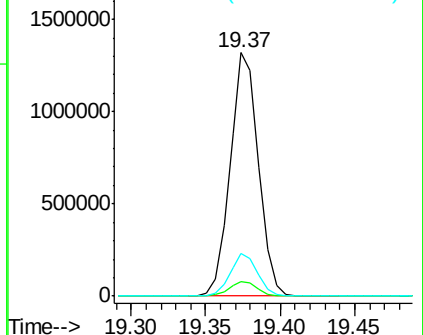
203 17.3 0.0 37.2

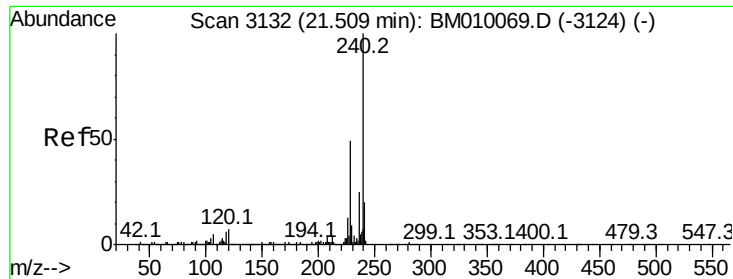


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

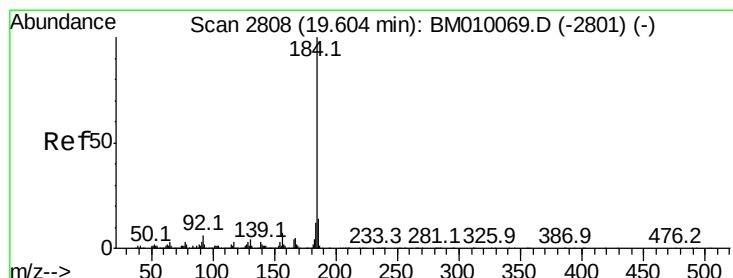
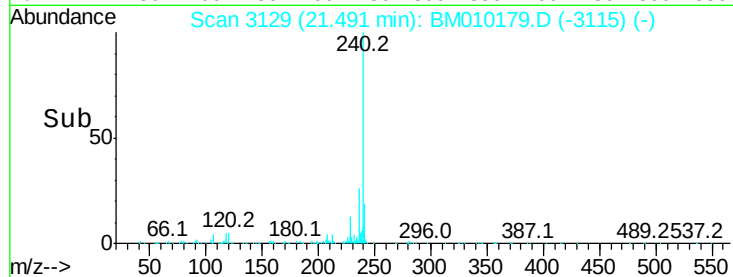
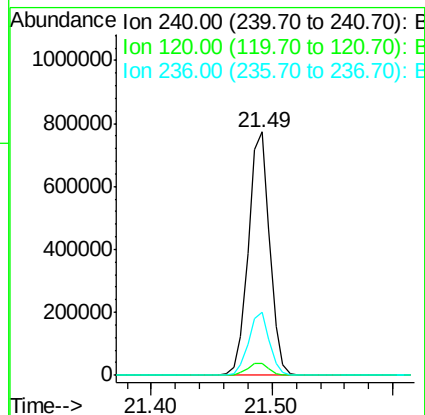
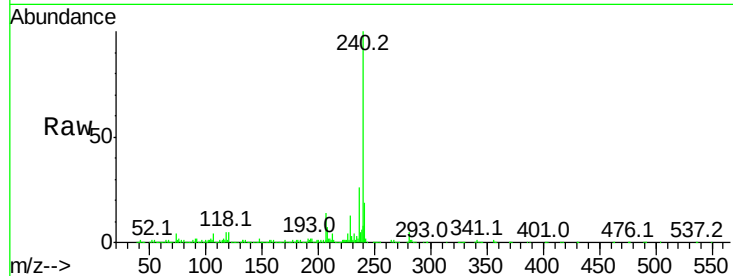
Tot Ion:240 Resp: 954551

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

236 25.8 20.0 30.0



#76

Benzidine

Concen: 60.45 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

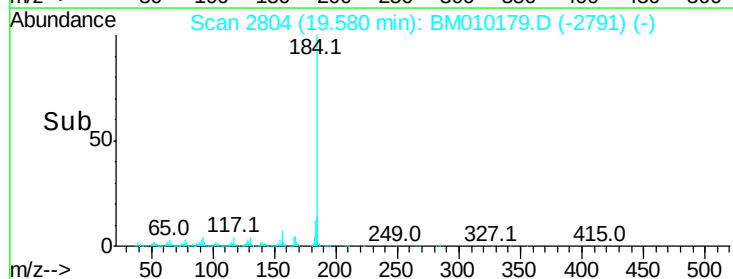
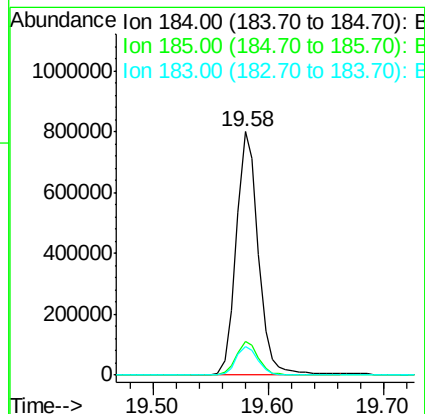
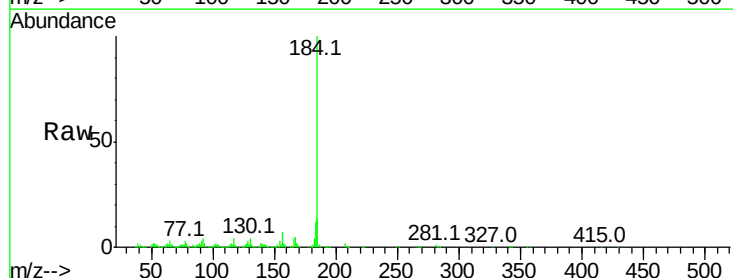
Tgt Ion:184 Resp: 1064285

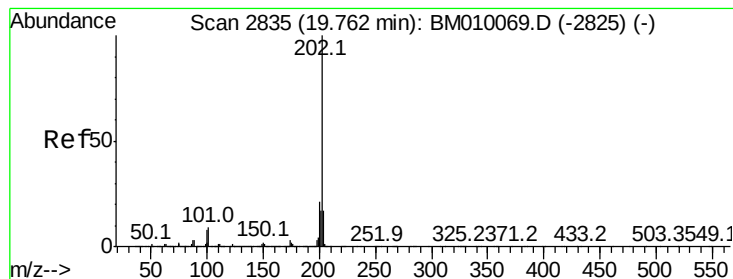
Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

183 11.7 8.9 13.3





#77

Pvrene

Concen: 35.24 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

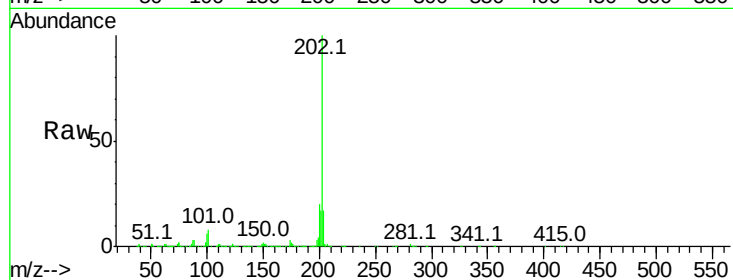
BNA\_M

ClientSampleId :

PB99207BS

Tot Ion:202 Resp: 1803387

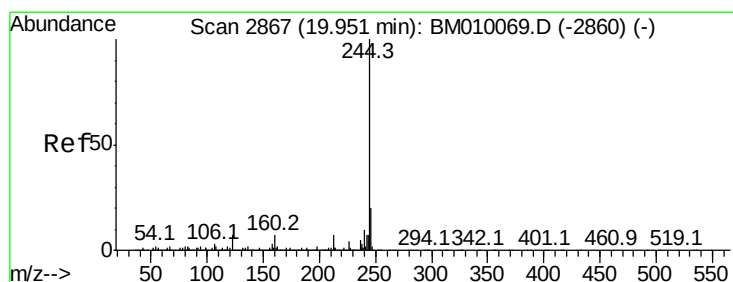
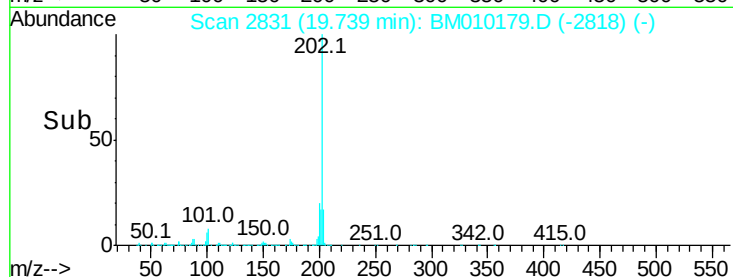
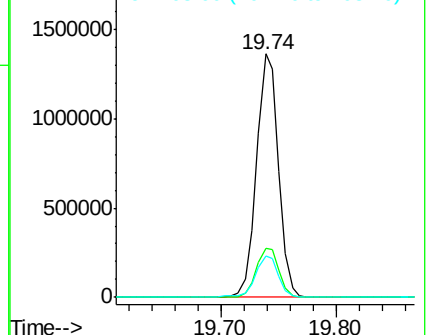
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.4  | 16.9  | 25.3  |
| 203 | 17.1  | 14.1  | 21.1  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.80 ng

RT: 19.93 min Scan# 2863

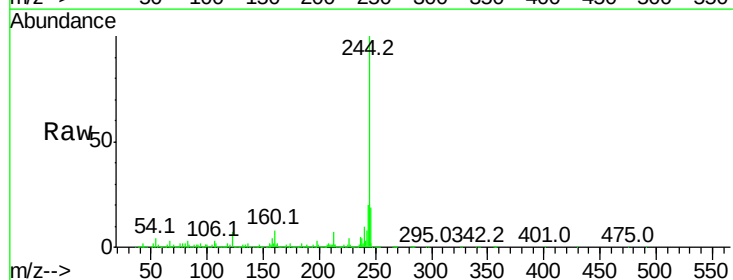
Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Tgt Ion:244 Resp: 2972053

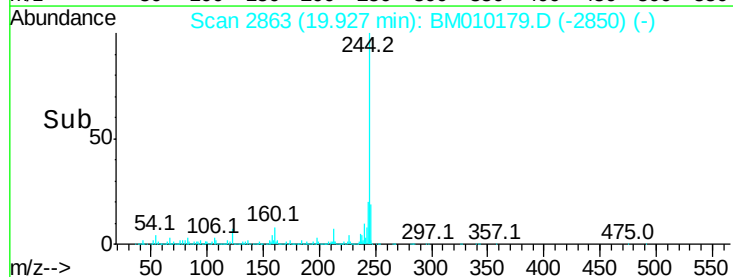
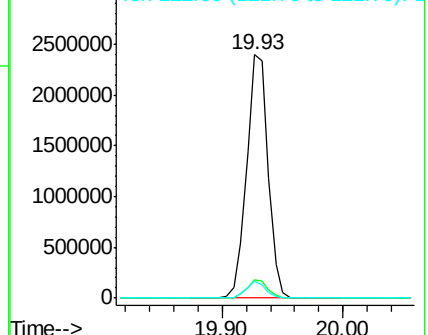
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 4.9   | 7.3#  |
| 122 | 6.8   | 6.2   | 9.4   |

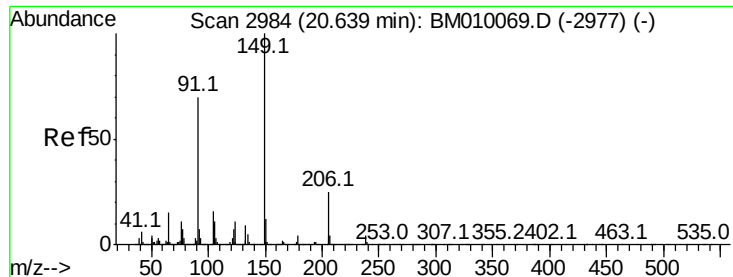


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 32.40 ng

RT: 20.62 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

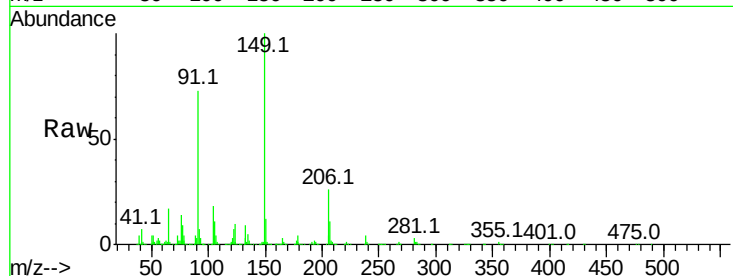
Tot Ion:149 Resp: 613750

Ion Ratio Lower Upper

149 100

91 73.2 50.1 75.1

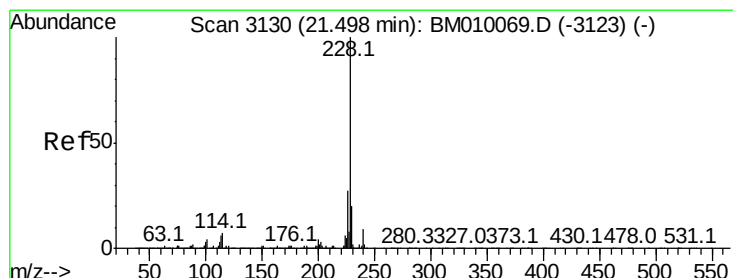
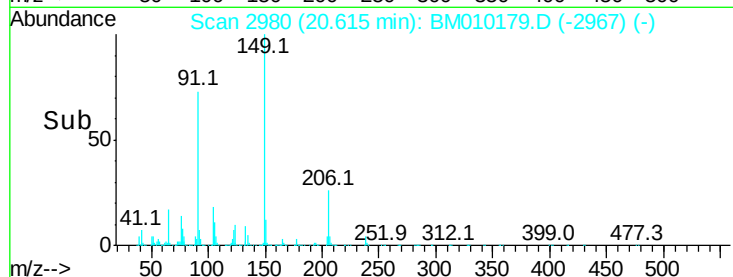
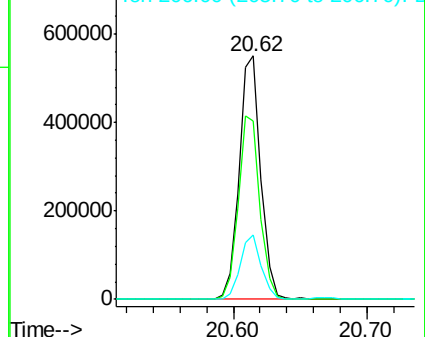
206 26.2 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.10 ng

RT: 21.47 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

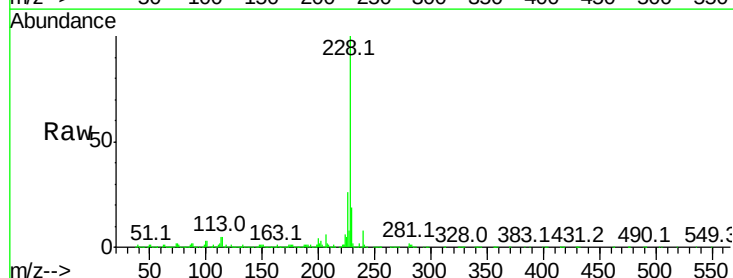
Tgt Ion:228 Resp: 2057077

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

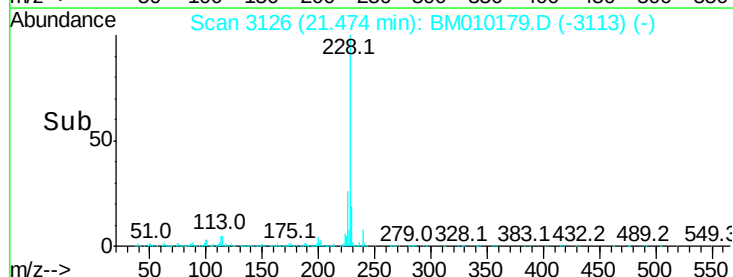
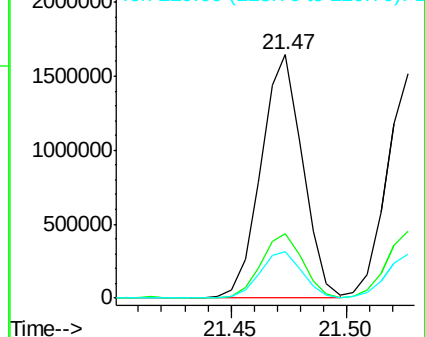
229 19.3 16.0 24.0

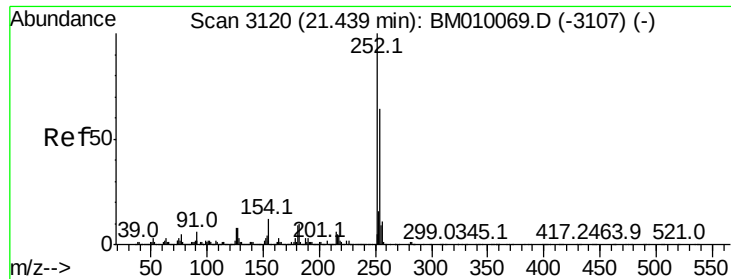


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

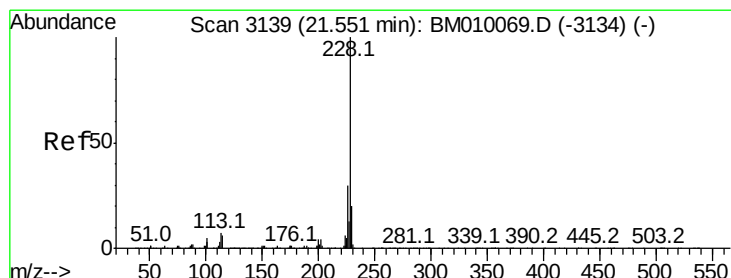
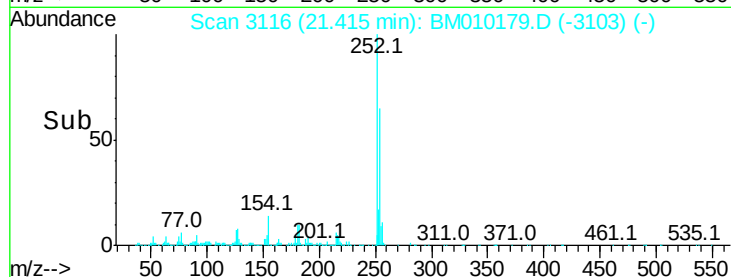
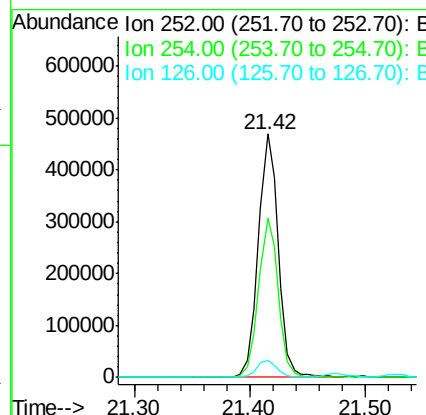
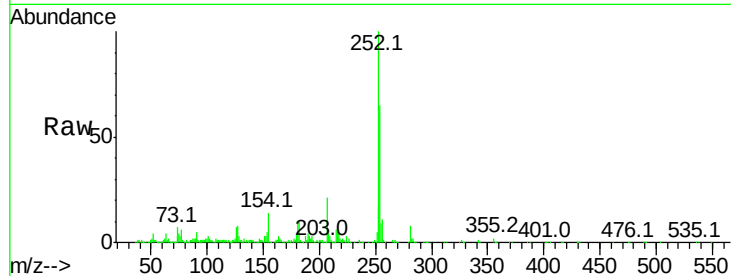




#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.61 ng  
 RT: 21.42 min Scan# 3116  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

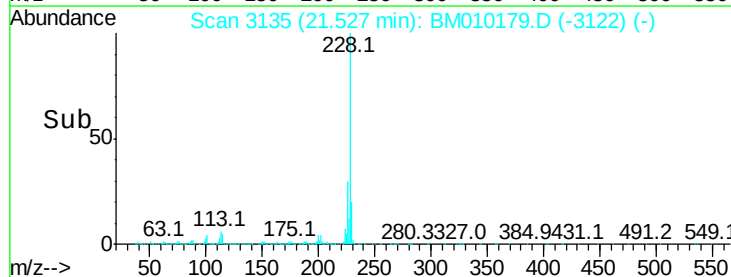
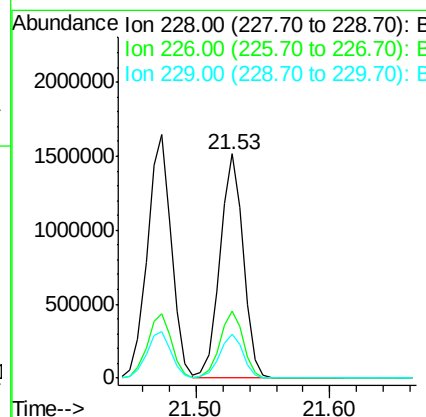
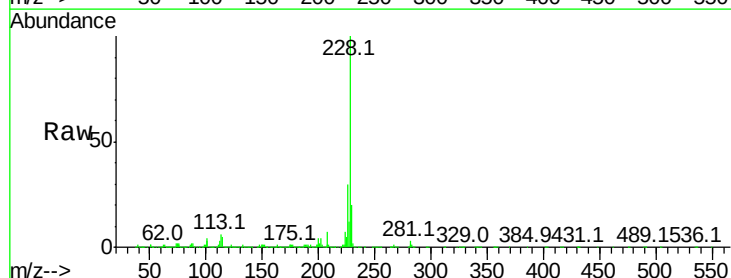
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

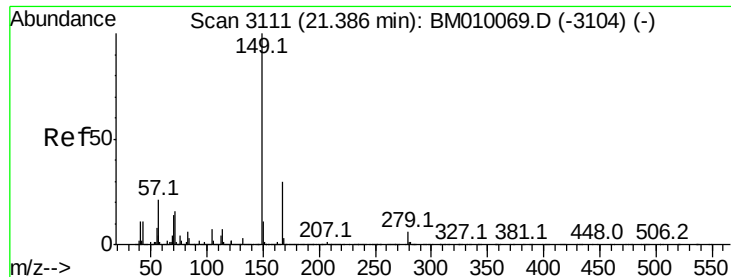
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 51.9  | 77.9  |
| 126     | 6.8   | 9.8   | 14.8# |



#82  
 Chrysene  
 Concen: 37.23 ng  
 RT: 21.53 min Scan# 3135  
 Delta R.T. -0.02 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 24.1  | 36.1  |
| 229     | 19.7  | 15.5  | 23.3  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.72 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

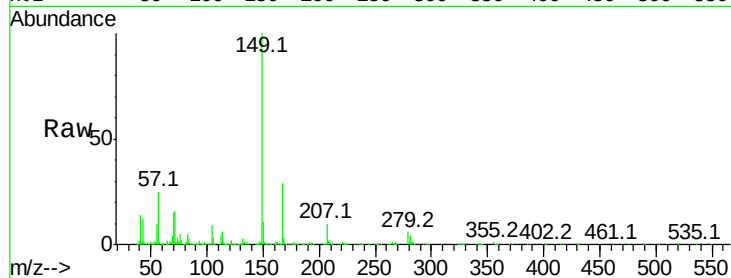
Tot Ion:149 Resp: 898631

Ion Ratio Lower Upper

149 100

167 29.3 22.4 33.6

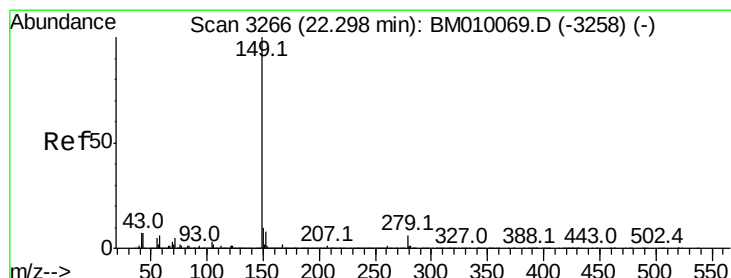
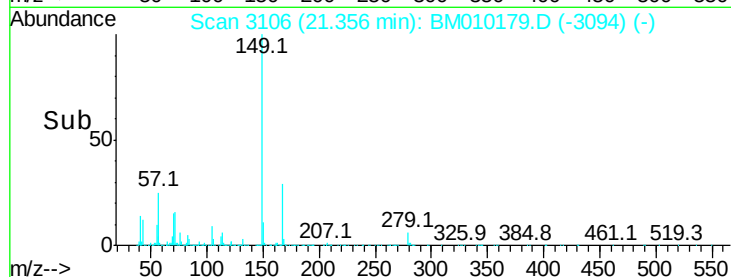
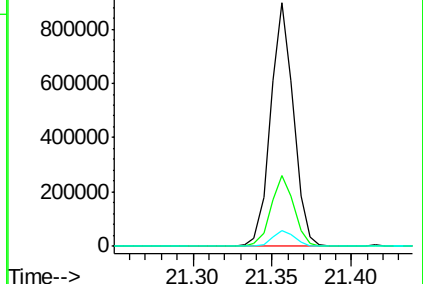
279 6.4 3.4 5.0#



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



#84

Di-n-octyl phthalate

Concen: 33.45 ng

RT: 22.26 min Scan# 3260

Delta R.T. -0.04 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

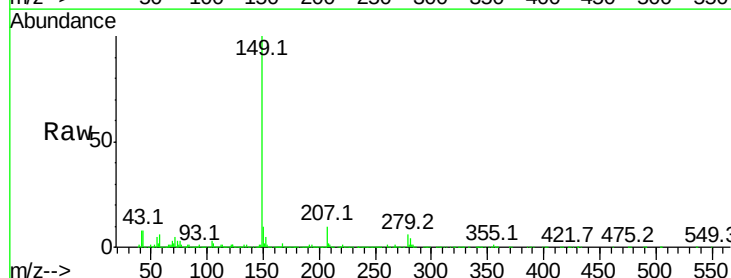
Tgt Ion:149 Resp: 1696574

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

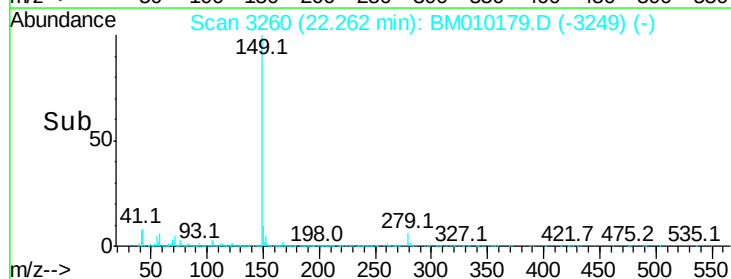
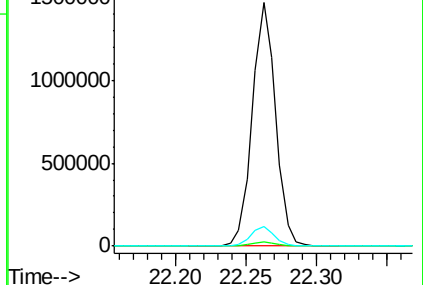
43 8.1 7.3 10.9

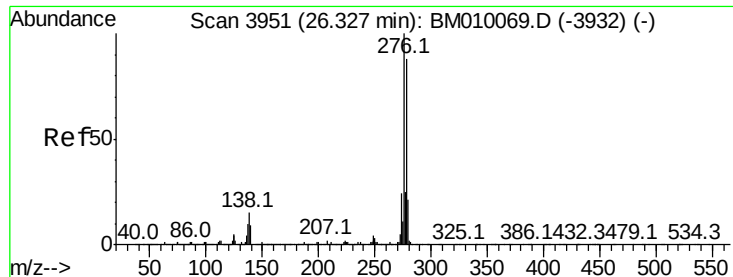


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

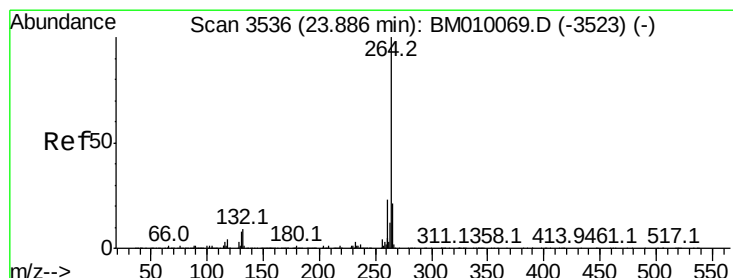
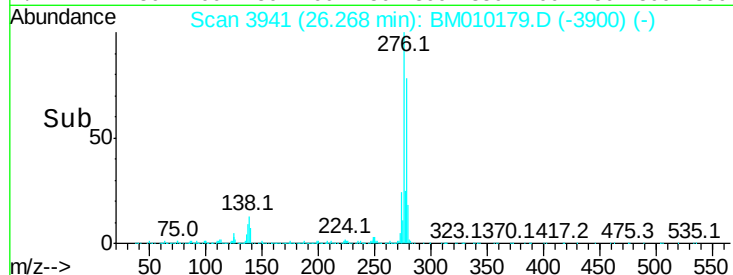
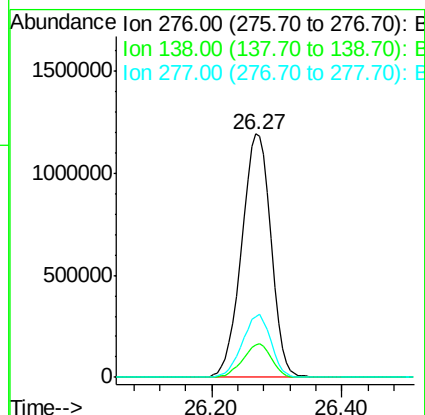
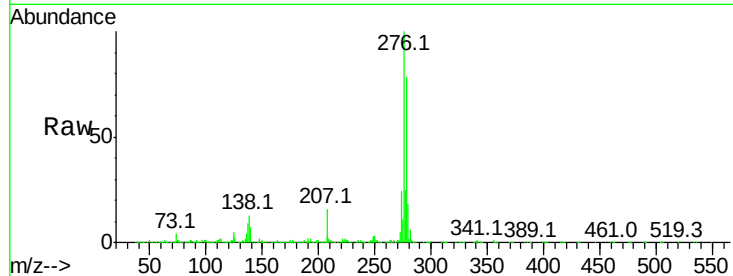




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.96 ng  
 RT: 26.27 min Scan# 3941  
 Delta R.T. -0.06 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

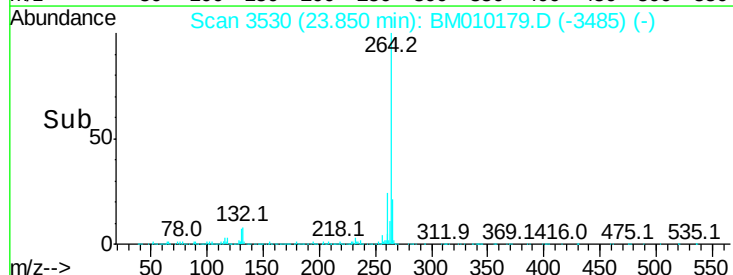
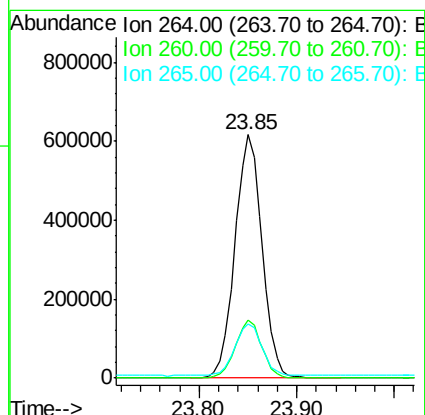
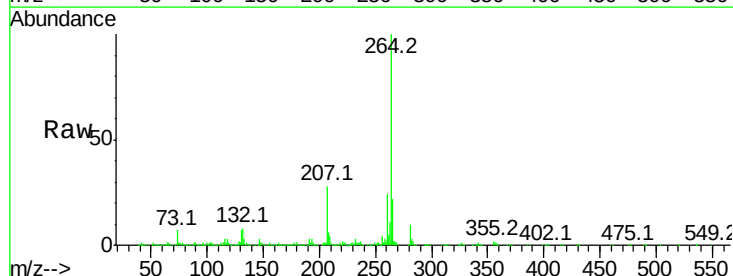
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

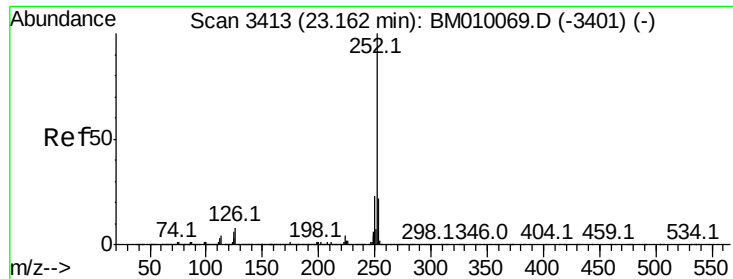
Tot Ion:276 Resp: 3728539  
 Ion Ratio Lower Upper  
 276 100  
 138 13.4 0.0 0.0#  
 277 25.3 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.85 min Scan# 3530  
 Delta R.T. -0.04 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

Tgt Ion:264 Resp: 1183875  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.6 27.8  
 265 22.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 37.24 ng

RT: 23.13 min Scan# 3407

Delta R.T. -0.04 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

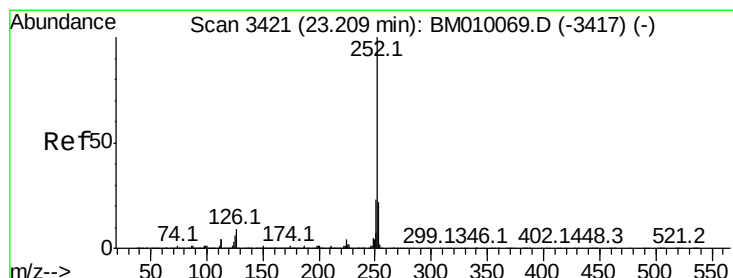
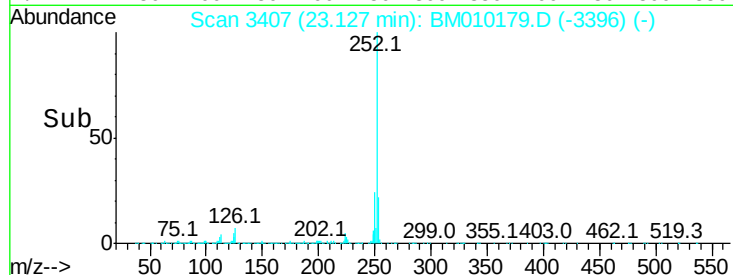
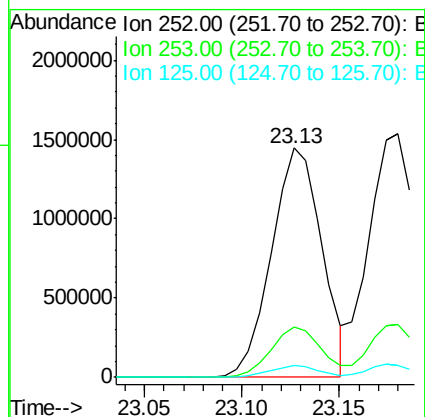
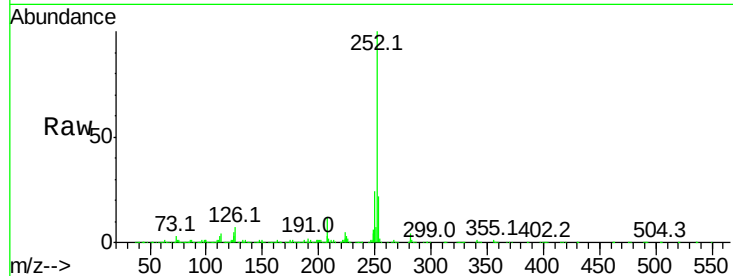
Tot Ion:252 Resp: 2580454

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 5.0 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 38.04 ng

RT: 23.18 min Scan# 3416

Delta R.T. -0.03 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

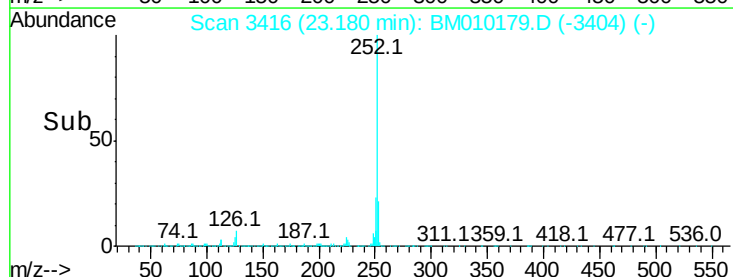
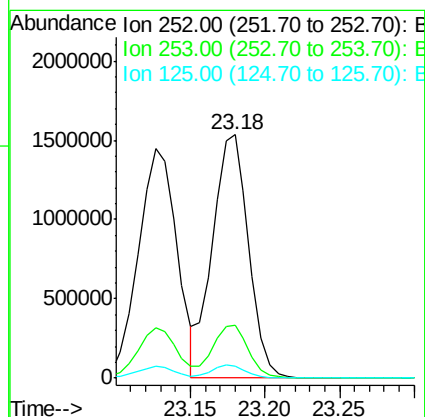
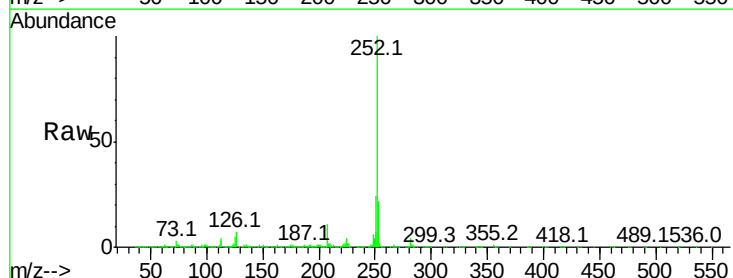
Tgt Ion:252 Resp: 2581905

Ion Ratio Lower Upper

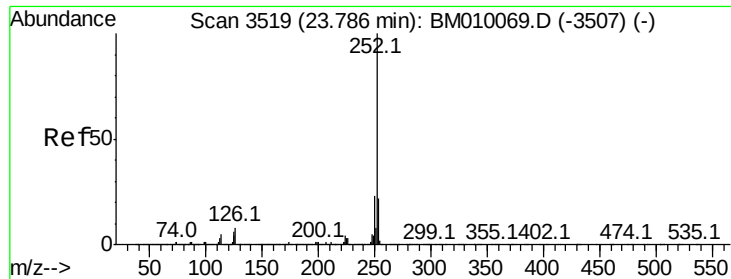
252 100

253 21.5 17.2 25.8

125 4.8 8.1 12.1#







#89

Benzo(a)pyrene

Concen: 39.66 ng

RT: 23.74 min Scan# 3512

Delta R.T. -0.04 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

Instrument :

BNA\_M

ClientSampleId :

PB99207BS

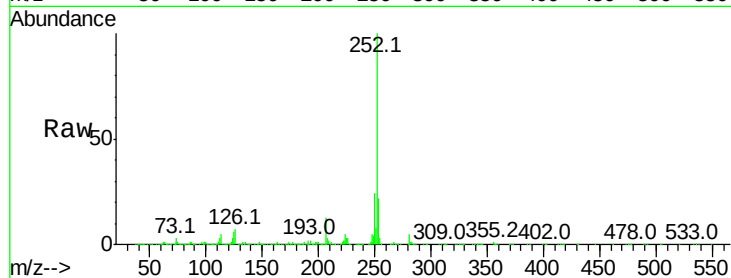
Tot Ion:252 Resp: 2618291

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

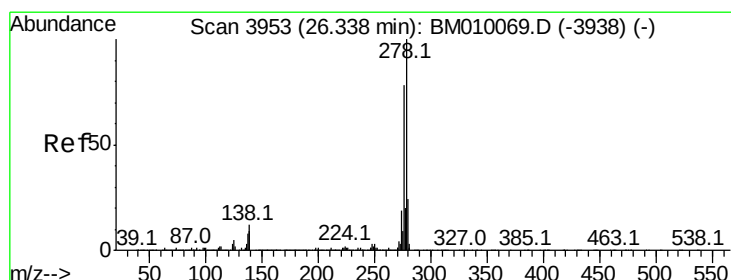
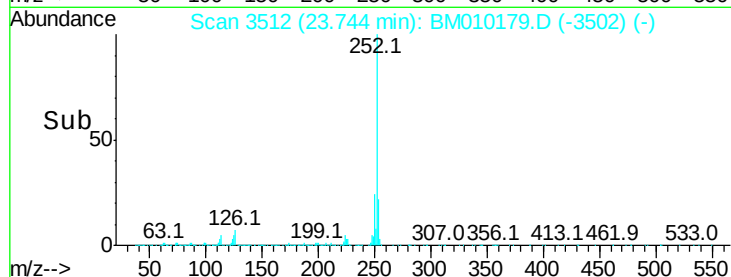
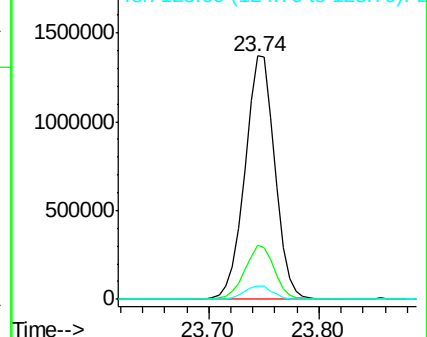
125 5.5 7.4 11.2#



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



#90

Dibenzo(a,h)anthracene

Concen: 42.24 ng

RT: 26.28 min Scan# 3943

Delta R.T. -0.06 min

Lab File: BM010179.D

Acq: 24 May 2017 14:15

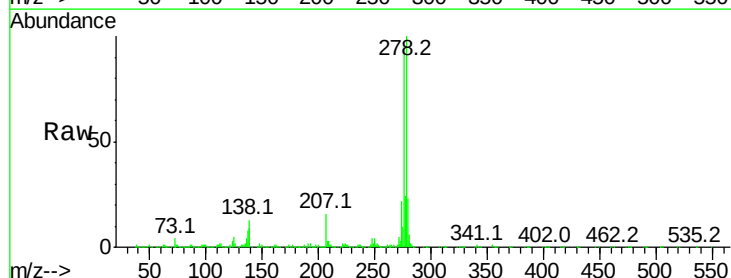
Tgt Ion:278 Resp: 3118868

Ion Ratio Lower Upper

278 100

139 8.8 13.4 20.0#

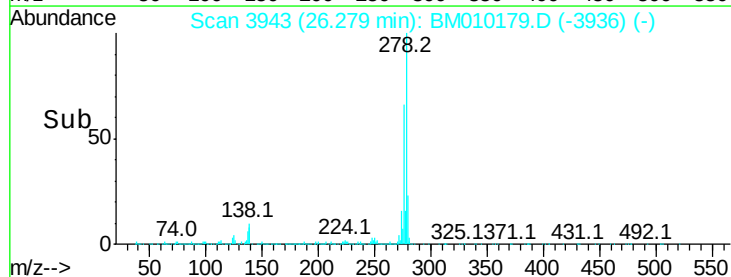
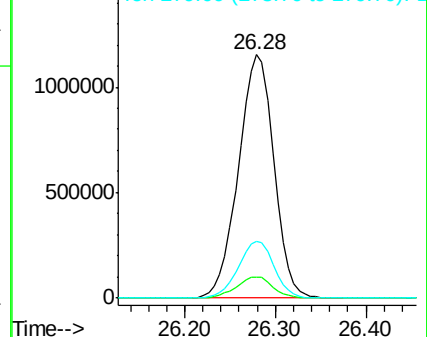
279 23.3 19.0 28.4

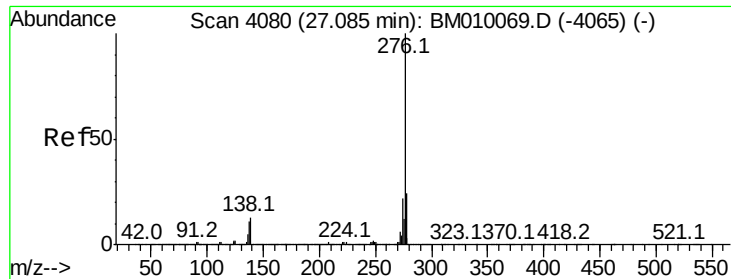


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 42.26 ng  
 RT: 27.03 min Scan# 4070  
 Delta R.T. -0.06 min  
 Lab File: BM010179.D  
 Acq: 24 May 2017 14:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB99207BS

Tot Ion:276 Resp: 3057297  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 18.5  | 27.7  |
| 138 | 11.0  | 19.0  | 28.6  |

