

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121518\  
 Data File : BM018214.D  
 Acq On : 15 Dec 2018 21:21  
 Operator : JU/SJ  
 Sample : J6347-08MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

Quant Time: Dec 16 01:15:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM121518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 15 21:39:37 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.50  | 152  | 114601   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.26 | 136  | 502245   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.16 | 164  | 302578   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.92 | 188  | 661017   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.14 | 240  | 730453   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.30 | 264  | 732466   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.13  | 112 | 46459  | 6.77  | ng | 0.00 |
| 7) Phenol-d6             | 6.70  | 99  | 46844  | 4.91  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.66  | 82  | 126305 | 12.90 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.67 | 330 | 53833  | 12.12 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.76 | 172 | 328915 | 14.08 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.57 | 244 | 548499 | 16.98 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.13  | 88  | 7542   | 2.775  | ng | # 83   |
| 3) Pyridine                    | 3.52  | 79  | 16800  | 2.101  | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.44  | 42  | 9395   | 3.414  | ng | # 98   |
| 6) Aniline                     | 6.85  | 93  | 39284  | 3.284  | ng | 99     |
| 8) 2-Chlorophenol              | 7.07  | 128 | 24758  | 3.054  | ng | 89     |
| 9) Benzaldehyde                | 6.67  | 77  | 19837  | 3.413  | ng | 96     |
| 10) Phenol                     | 6.73  | 94  | 64807  | 6.418  | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.95  | 93  | 43583  | 5.430  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.39  | 146 | 41583  | 4.594  | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.53  | 146 | 42115  | 4.582  | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.85  | 146 | 41586  | 4.693  | ng | 100    |
| 15) Benzyl Alcohol             | 7.76  | 79  | 33587  | 4.323  | ng | 89     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.02  | 45  | 40641  | 5.627  | ng | 97     |
| 17) 2-Methylphenol             | 7.96  | 107 | 19848  | 2.944  | ng | 89     |
| 18) Hexachloroethane           | 8.55  | 117 | 14830  | 4.402  | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.31  | 70  | 40240  | 5.652  | ng | 95     |
| 20) 3+4-Methylphenols          | 8.29  | 107 | 24513  | 2.594  | ng | 93     |
| 22) Acetophenone               | 8.33  | 105 | 74988  | 5.642  | ng | # 95   |
| 24) Nitrobenzene               | 8.70  | 77  | 51732  | 5.288  | ng | 100    |
| 25) Isophorone                 | 9.22  | 82  | 107950 | 6.622  | ng | 98     |
| 26) 2-Nitrophenol              | 9.41  | 139 | 12723  | 2.651  | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.48  | 122 | 29564  | 4.275  | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 9.70  | 93  | 65037  | 6.120  | ng | 94     |
| 29) 2,4-Dichlorophenol         | 9.96  | 162 | 23140  | 3.018  | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.13 | 180 | 46159  | 5.292  | ng | 97     |
| 31) Naphthalene                | 10.32 | 128 | 146968 | 5.984  | ng | 98     |
| 33) 4-Chloroaniline            | 10.46 | 127 | 38696  | 3.597  | ng | 94     |
| 34) Hexachlorobutadiene        | 10.59 | 225 | 25405  | 4.605  | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.59 | 107 | 32864  | 3.567  | ng | 96     |
| 37) 2-Methylnaphthalene        | 11.94 | 142 | 115722 | 6.682  | ng | 95     |
| 38) 1-Methylnaphthalene        | 12.16 | 142 | 113685 | 6.727  | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.32 | 216 | 56647  | 5.444  | ng | 98     |
| 41) Hexachlorocyclopentadiene  | 12.28 | 237 | 30335  | 14.074 | ng | 94     |
| 43) 2,4,6-Trichlorophenol      | 12.58 | 196 | 20437  | 3.054  | ng | 96     |

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 Operator : JU/SJ  
 Sample : J6347-08MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

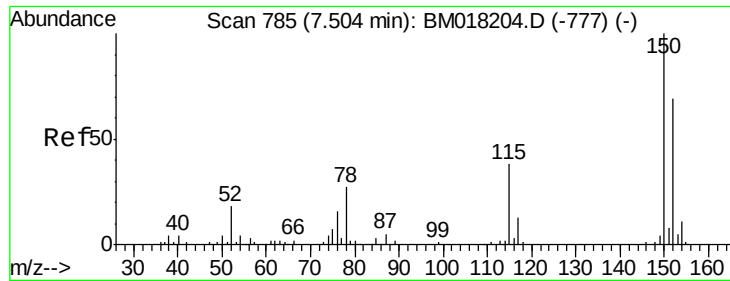
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

Quant Time: Dec 16 01:15:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM121518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 15 21:39:37 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 12.67 | 196  | 22682    | 3.193  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 12.98 | 154  | 152975   | 5.620  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.02 | 162  | 115939   | 5.787  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.25 | 65   | 36439    | 5.904  | ng    | 99       |
| 49) Acenaphthylene             | 13.87 | 152  | 196722   | 6.516  | ng    | 97       |
| 50) Dimethylphthalate          | 13.63 | 163  | 204628   | 8.135  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.76 | 165  | 34171    | 6.179  | ng    | 98       |
| 52) Acenaphthene               | 14.22 | 154  | 119440   | 6.473  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.10 | 138  | 30493    | 5.240  | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 14.33 | 184  | 14173    | 4.646  | ng    | 90       |
| 55) Dibenzofuran               | 14.56 | 168  | 192624   | 6.497  | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.57 | 165  | 48857    | 6.392  | ng    | # 96     |
| 58) Fluorene                   | 15.22 | 166  | 156085   | 6.816  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.80 | 232  | 22694    | 3.547  | ng    | # 99     |
| 60) Diethylphthalate           | 15.00 | 149  | 180598   | 6.653  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.22 | 204  | 80466    | 6.213  | ng    | 96       |
| 62) 4-Nitroaniline             | 15.27 | 138  | 33845    | 6.129  | ng    | 98       |
| 63) Azobenzene                 | 15.51 | 77   | 165823   | 6.699  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.34 | 198  | 10879    | 2.236  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.44 | 169  | 145245   | 6.645  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.12 | 248  | 51792    | 6.470  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.22 | 284  | 58410    | 6.660  | ng    | 97       |
| 69) Atrazine                   | 16.40 | 200  | 57221    | 7.754  | ng    | 98       |
| 70) Pentachlorophenol          | 16.59 | 266  | 31044    | 5.360  | ng    | 96       |
| 71) Phenanthrene               | 16.96 | 178  | 260172   | 7.246  | ng    | 99       |
| 72) Anthracene                 | 17.06 | 178  | 263485   | 7.397  | ng    | 100      |
| 73) Carbazole                  | 17.34 | 167  | 250073   | 6.840  | ng    | 96       |
| 74) Di-n-butylphthalate        | 17.90 | 149  | 324987   | 7.204  | ng    | 99       |
| 75) Fluoranthene               | 18.99 | 202  | 325940   | 7.808  | ng    | 100      |
| 77) Benzidine                  | 19.21 | 184  | 52923    | 2.857  | ng    | 98       |
| 78) Pyrene                     | 19.36 | 202  | 328800   | 7.554  | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.28 | 149  | 150141   | 7.251  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.12 | 228  | 334348   | 7.836  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.07 | 252  | 105018   | 6.161  | ng    | 99       |
| 83) Chrysene                   | 21.17 | 228  | 313800   | 7.646  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 420561   | 13.628 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 21.93 | 149  | 395123   | 7.818  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.44 | 276  | 326735   | 7.992  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.66 | 252  | 324660   | 7.891  | ng    | 96       |
| 89) Benzo(k)fluoranthene       | 22.70 | 252  | 313911   | 7.661  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.20 | 252  | 305852   | 7.816  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.44 | 278  | 274294   | 7.567  | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 26.09 | 276  | 266411   | 7.775  | ng    | 98       |

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

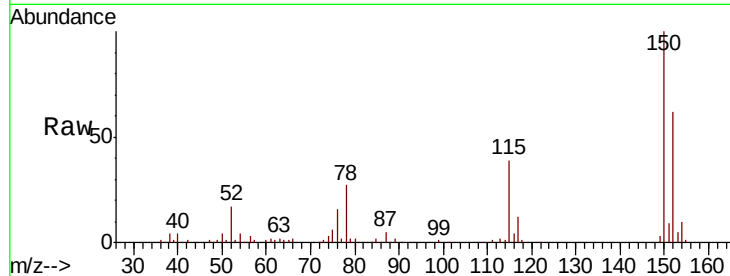




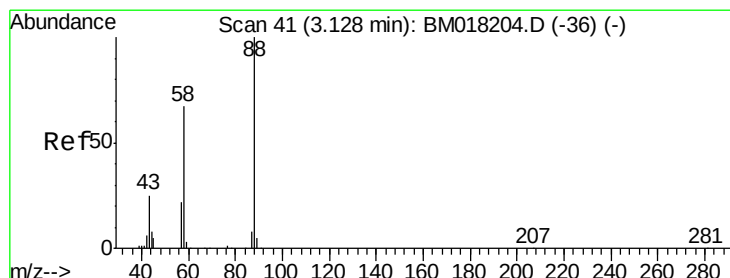
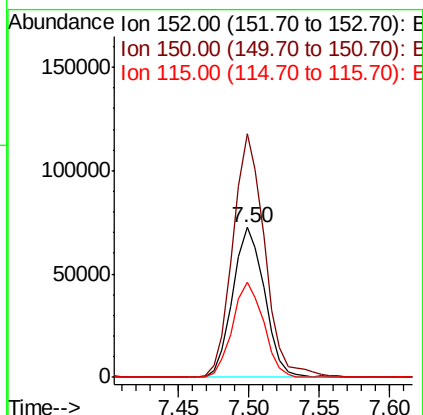
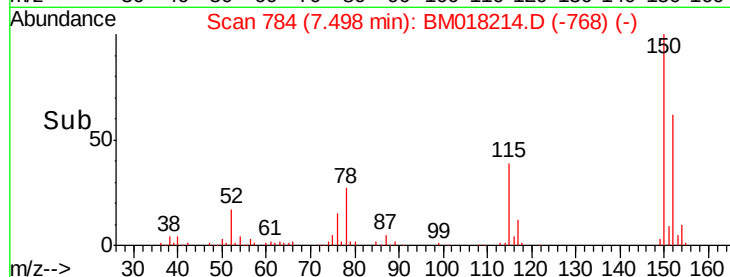
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.50 min Scan# 784  
 Delta R.T. -0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

Tgt Ion:152 Resp: 114601  
 Ion Ratio Lower Upper  
 152 100  
 150 162.4 116.1 174.1  
 115 63.6 44.6 67.0

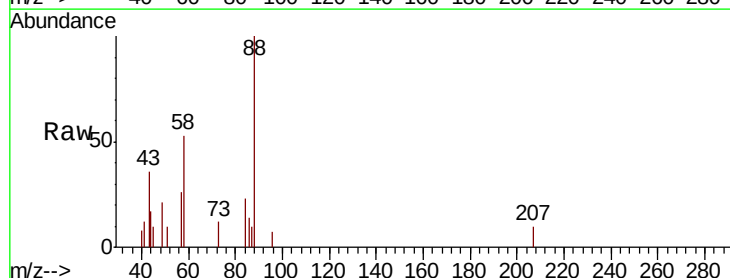


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

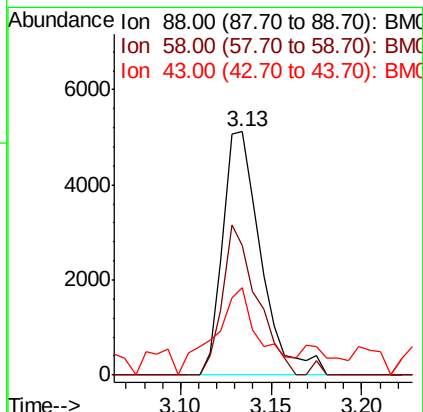
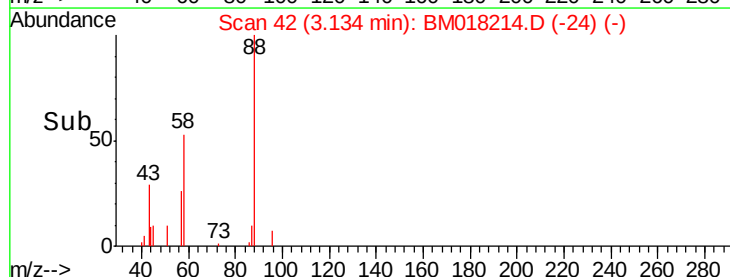


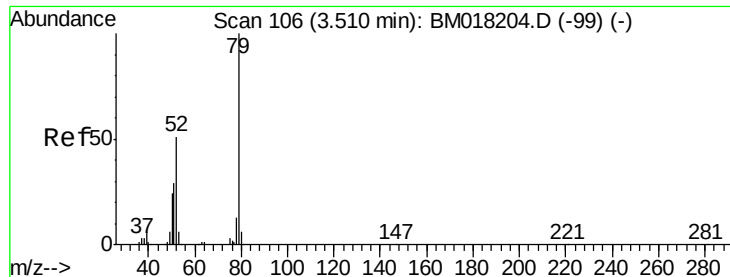
#2  
 1,4-Dioxane  
 Concen: 2.775 ng  
 RT: 3.13 min Scan# 42  
 Delta R.T. 0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Tgt Ion: 88 Resp: 7542  
 Ion Ratio Lower Upper  
 88 100  
 58 55.5 49.8 74.6  
 43 42.5 19.1 28.7#



Abundance Ion 88.00 (87.70 to 88.70): BM0  
 Ion 58.00 (57.70 to 58.70): BM0  
 Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 2.101 ng

RT: 3.52 min Scan# 108

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

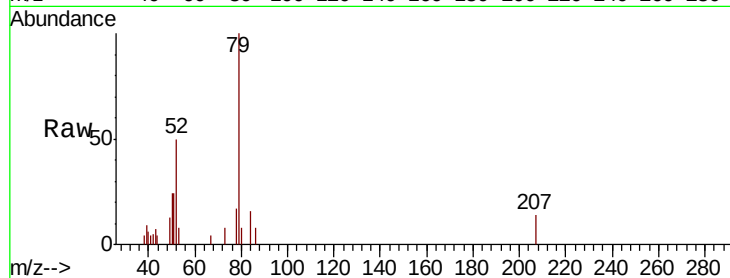
Tgt Ion: 79 Resp: 16800

Ion Ratio Lower Upper

79 100

52 50.1 40.7 61.1

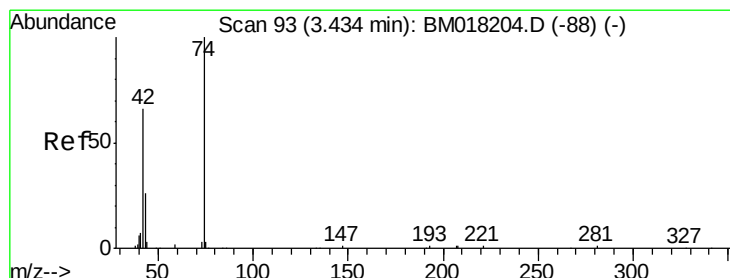
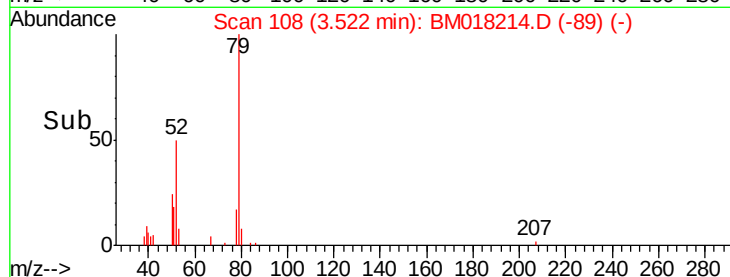
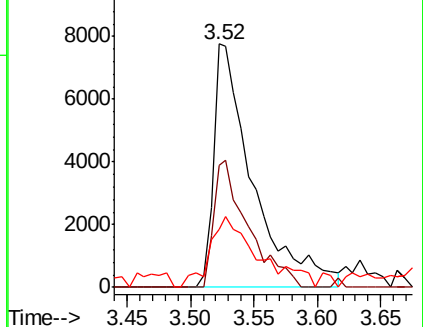
51 23.7 23.0 34.6



Abundance Ion 79.00 (78.70 to 79.70): BM018214.D (-99) (-)

Ion 52.00 (51.70 to 52.70): BM018214.D (-99) (-)

Ion 51.00 (50.70 to 51.70): BM018214.D (-99) (-)



#4

n-Nitrosodimethylamine

Concen: 3.414 ng

RT: 3.44 min Scan# 94

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

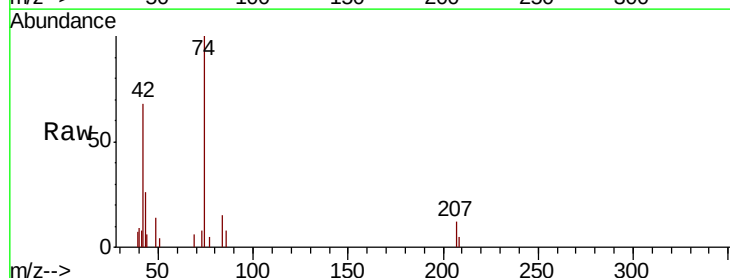
Tgt Ion: 42 Resp: 9395

Ion Ratio Lower Upper

42 100

74 148.0 120.4 180.6

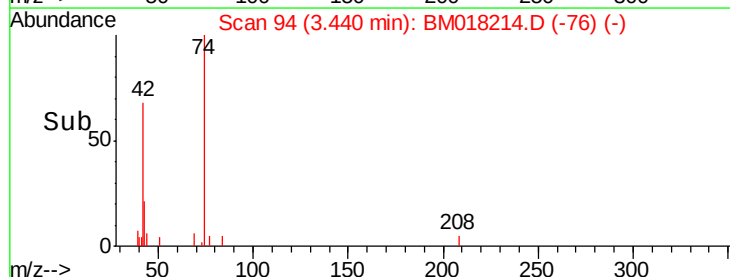
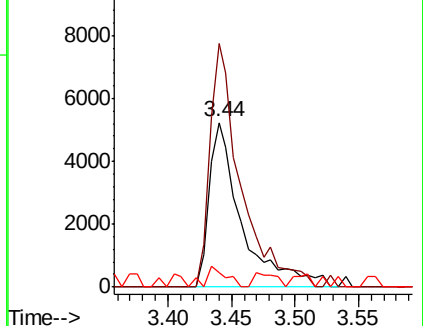
44 8.6 4.6 7.0#

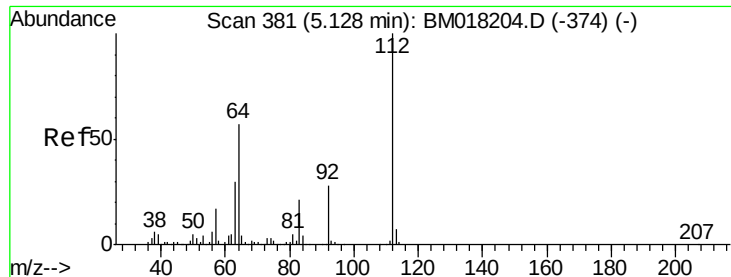


Abundance Ion 42.00 (41.70 to 42.70): BM018214.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM018214.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM018214.D (-88) (-)





#5

2-Fluorophenol

Concen: 6.772 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

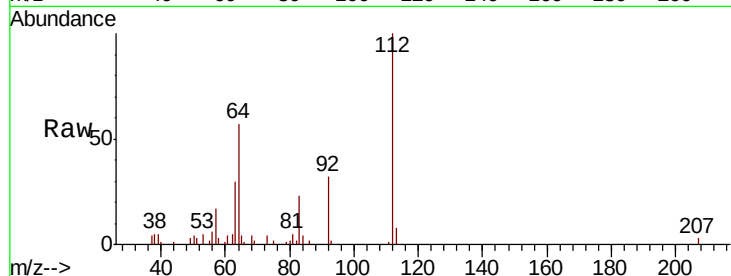
Tgt Ion: 112 Resp: 46459

Ion Ratio Lower Upper

112 100

64 57.4 45.4 68.2

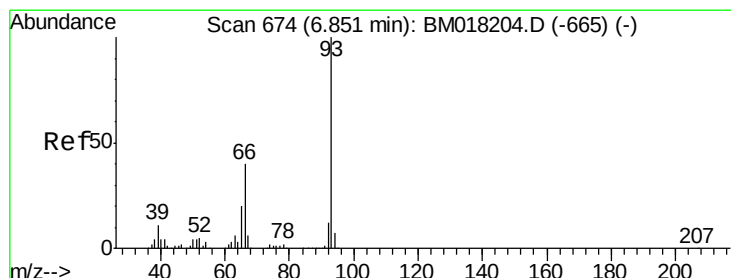
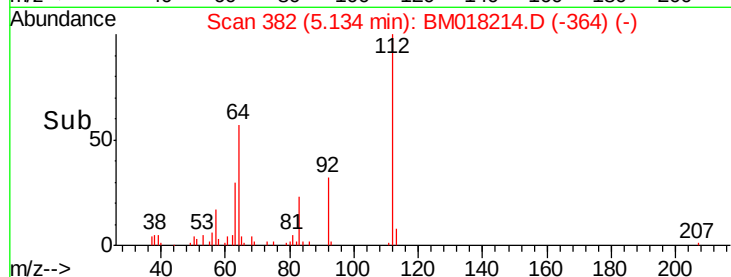
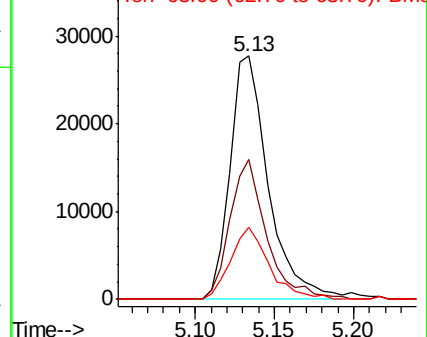
63 29.7 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 3.284 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

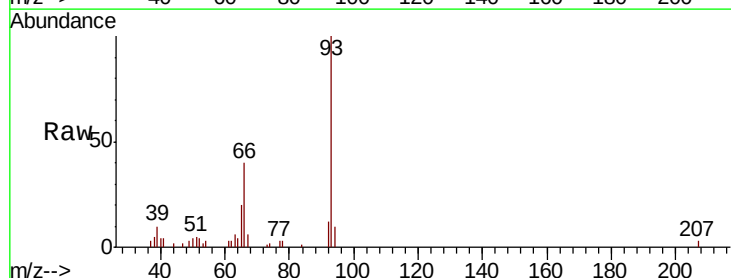
Tgt Ion: 93 Resp: 39284

Ion Ratio Lower Upper

93 100

66 39.9 32.3 48.5

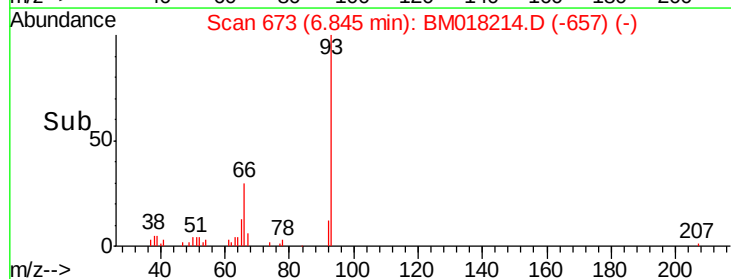
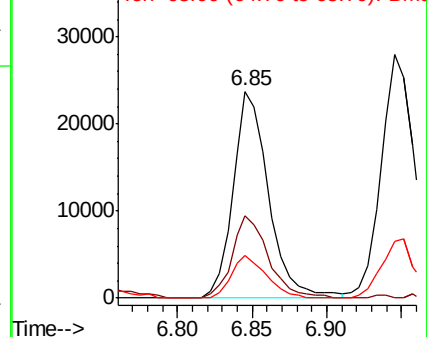
65 20.4 16.2 24.4

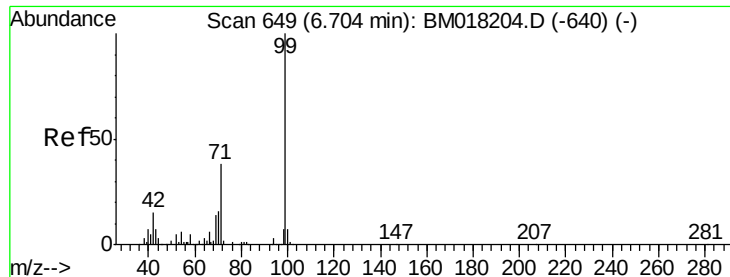


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 4.913 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

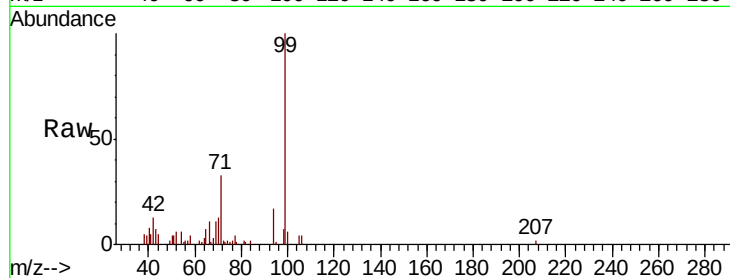
Tgt Ion: 99 Resp: 46844

Ion Ratio Lower Upper

99 100

42 13.0 12.3 18.5

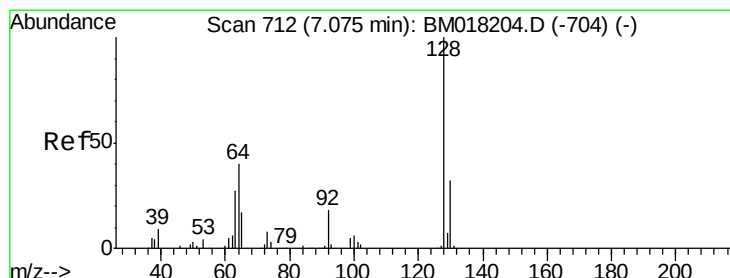
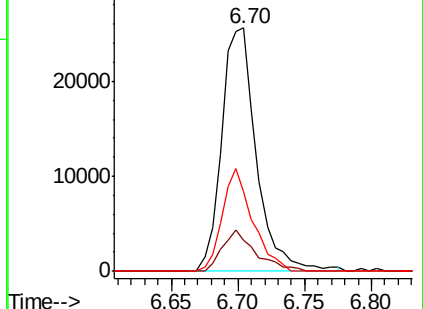
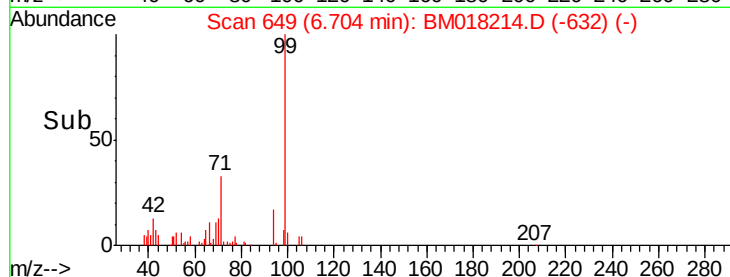
71 32.5 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018214.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018214.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018214.D (-632) (-)



#8

2-Chlorophenol

Concen: 3.054 ng

RT: 7.07 min Scan# 712

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

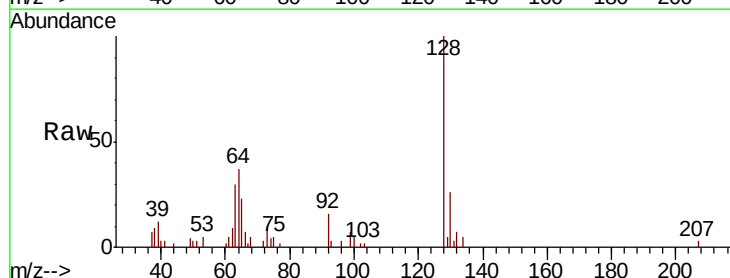
Tgt Ion: 128 Resp: 24758

Ion Ratio Lower Upper

128 100

130 26.0 12.3 52.3

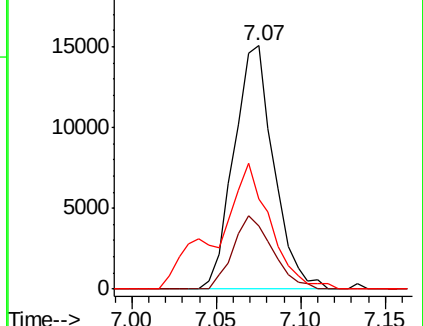
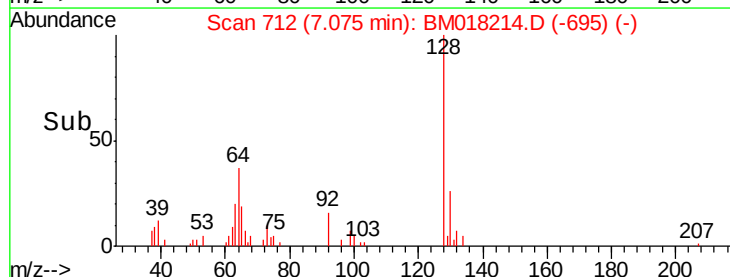
64 37.2 24.1 64.1

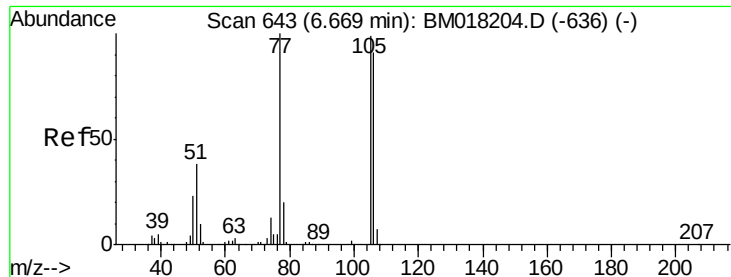


Abundance Ion 128.00 (127.70 to 128.70): BM018214.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018214.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018214.D (-695) (-)





#9

Benzaldehyde

Concen: 3.413 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

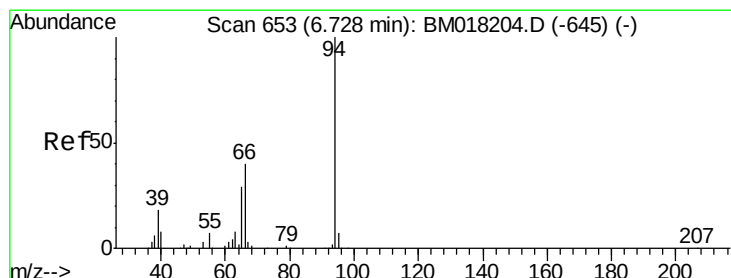
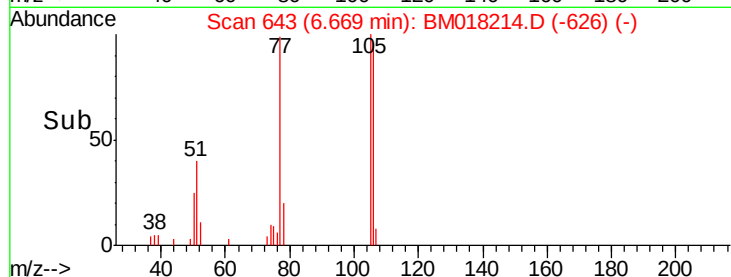
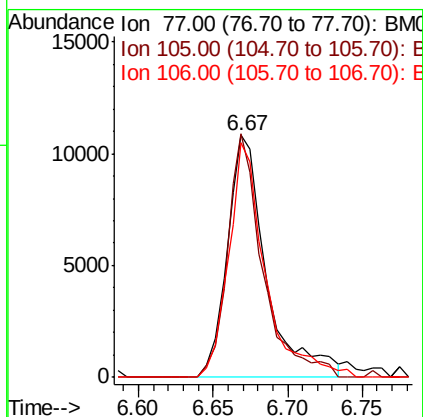
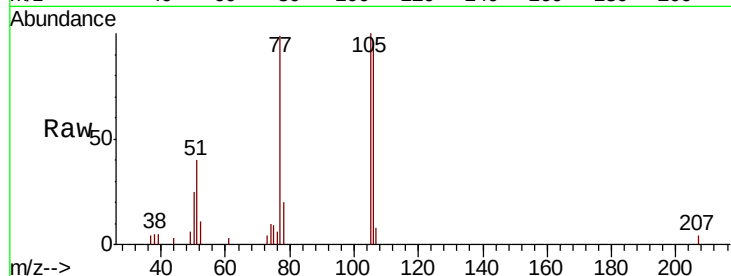
Tgt Ion: 77 Resp: 19837

Ion Ratio Lower Upper

77 100

105 100.6 78.8 118.8

106 97.0 70.7 110.7



#10

Phenol

Concen: 6.418 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

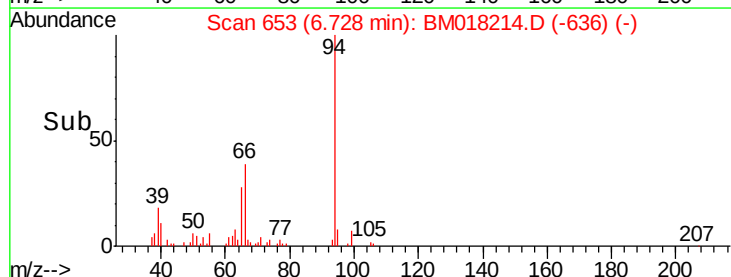
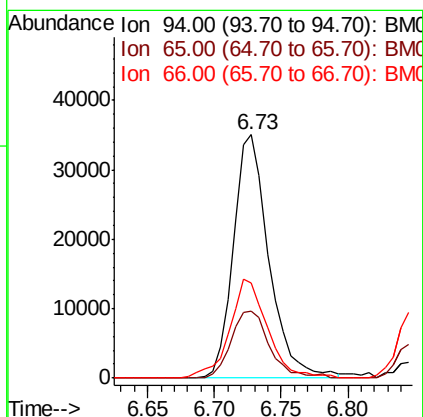
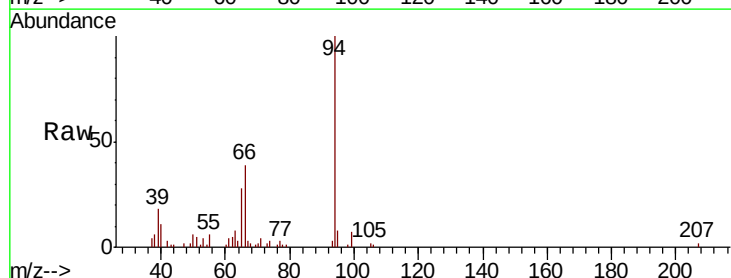
Tgt Ion: 94 Resp: 64807

Ion Ratio Lower Upper

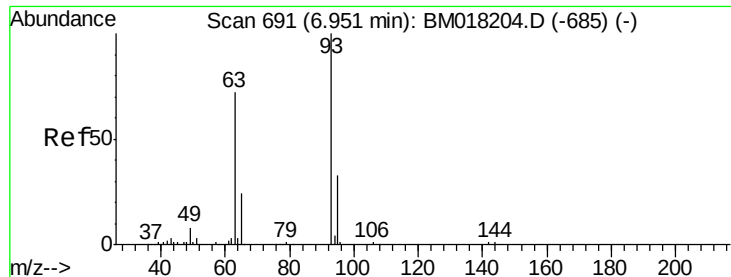
94 100

65 27.5 9.5 49.5

66 39.2 21.3 61.3



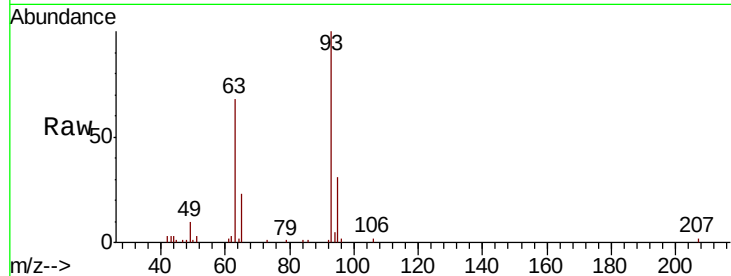




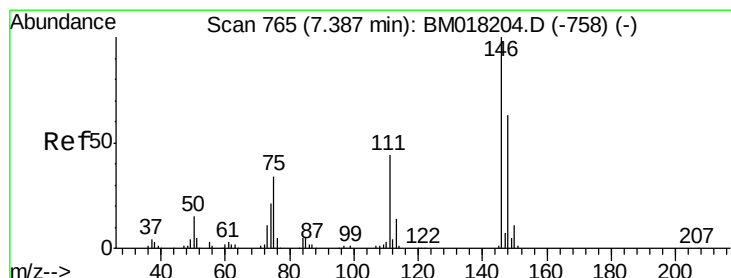
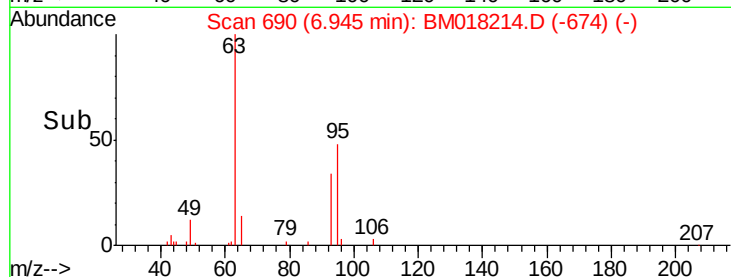
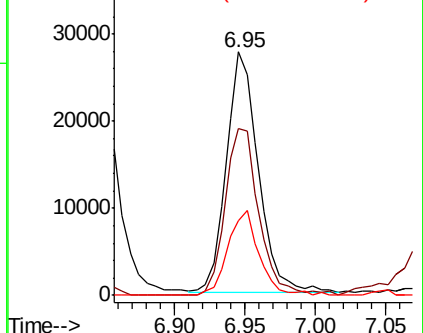
#11  
 bis(2-Chloroethyl)ether  
 Concen: 5.430 ng  
 RT: 6.95 min Scan# 690  
 Delta R.T. -0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

Tgt Ion: 93 Resp: 43583  
 Ion Ratio Lower Upper  
 93 100  
 63 68.4 51.7 91.7  
 95 30.7 13.1 53.1

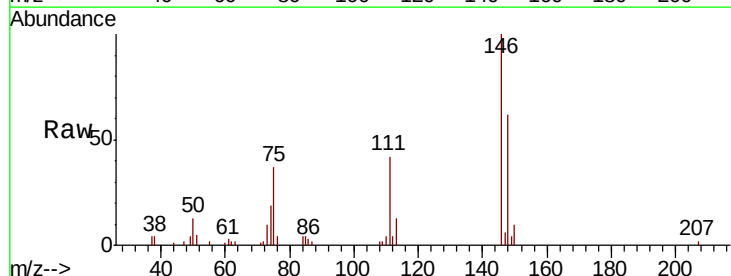


Abundance Ion 93.00 (92.70 to 93.70): BM0  
 Ion 63.00 (62.70 to 63.70): BM0  
 Ion 95.00 (94.70 to 95.70): BM0

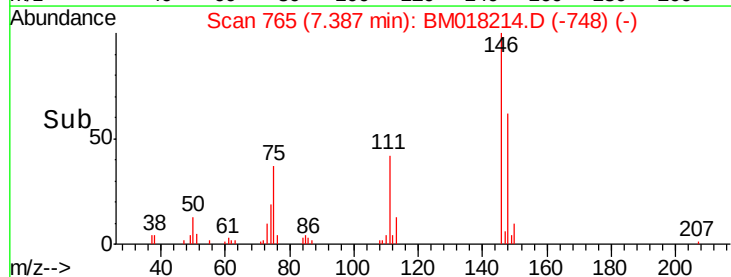
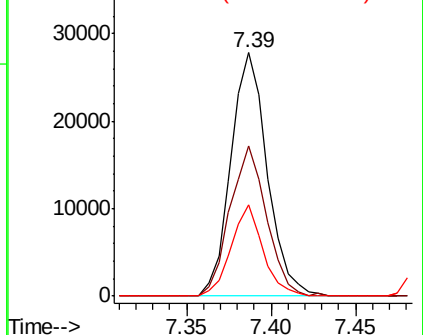


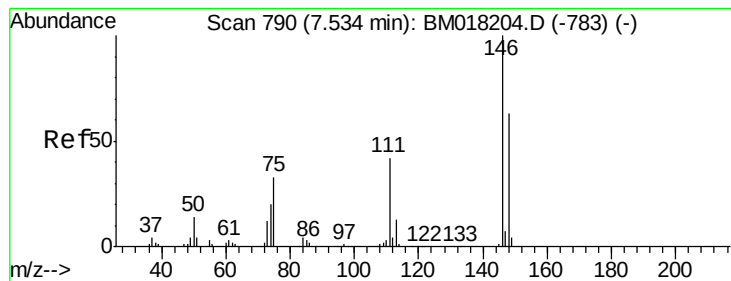
#12  
 1,3-Dichlorobenzene  
 Concen: 4.594 ng  
 RT: 7.39 min Scan# 765  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Tgt Ion: 146 Resp: 41583  
 Ion Ratio Lower Upper  
 146 100  
 148 61.7 50.6 76.0  
 75 37.3 27.0 40.4



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BM0





#13

1,4-Dichlorobenzene

Concen: 4.582 ng

RT: 7.53 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

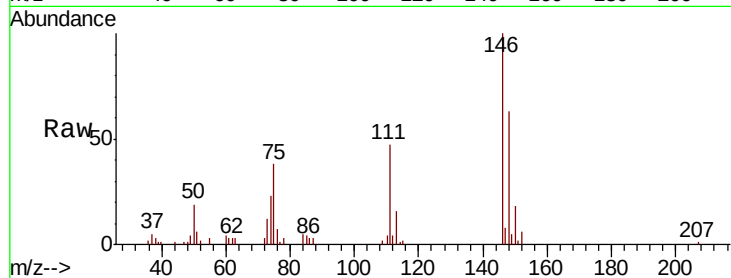
Tgt Ion:146 Resp: 42115

Ion Ratio Lower Upper

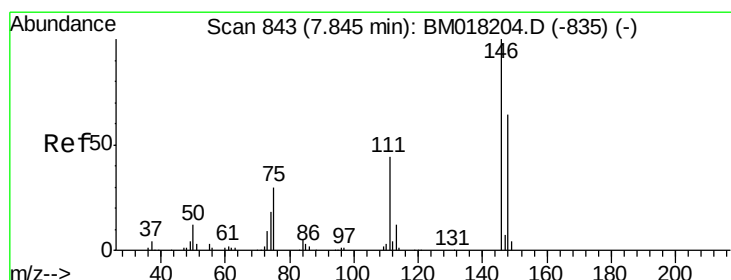
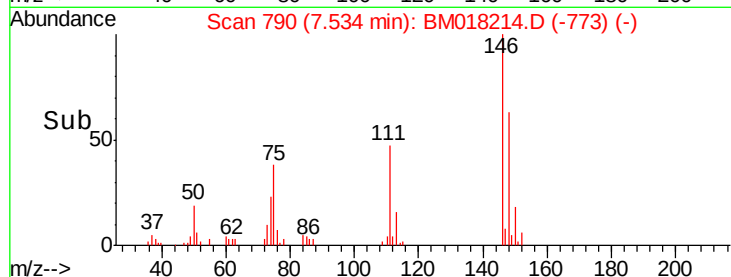
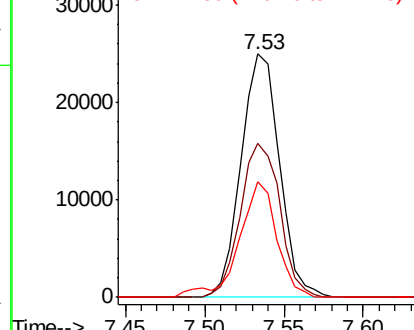
146 100

148 63.2 50.7 76.1

111 47.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.693 ng

RT: 7.85 min Scan# 843

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

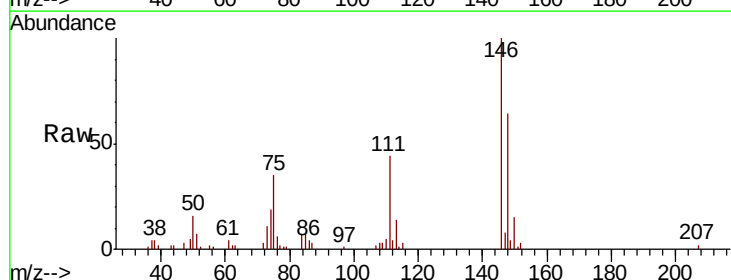
Tgt Ion:146 Resp: 41586

Ion Ratio Lower Upper

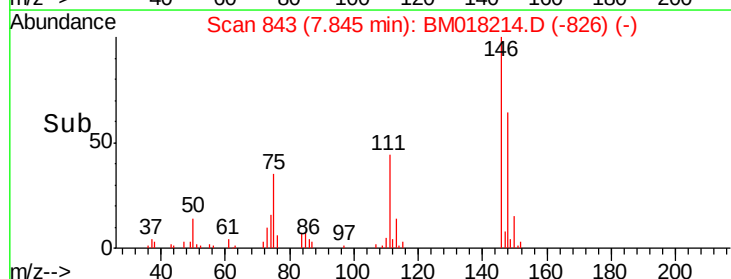
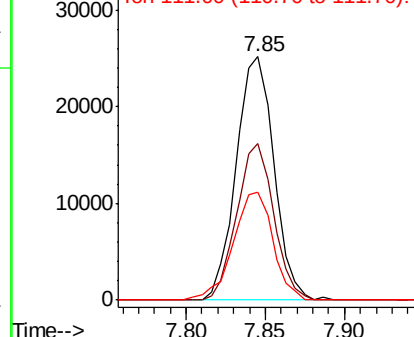
146 100

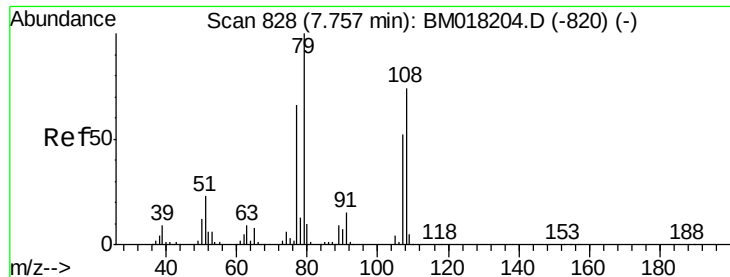
148 64.2 51.3 76.9

111 44.2 35.8 53.8



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.323 ng

RT: 7.76 min Scan# 829

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

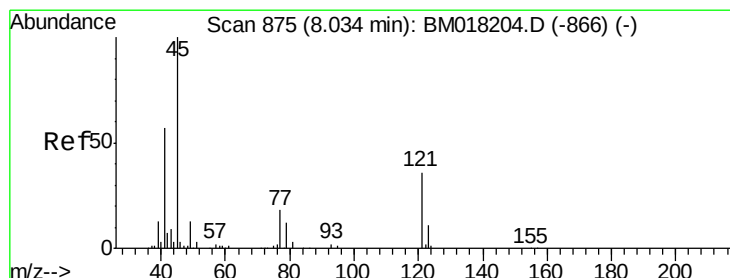
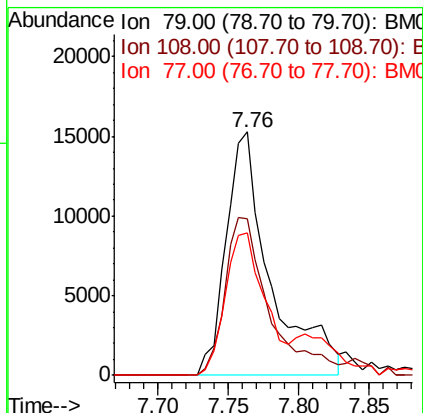
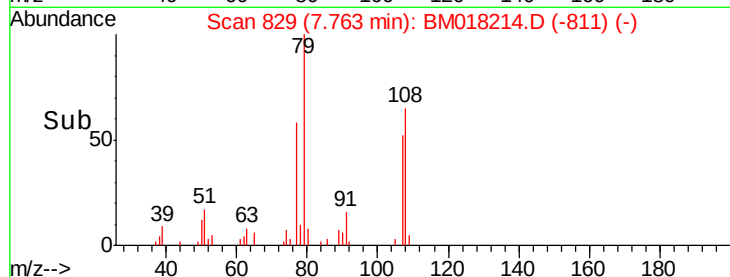
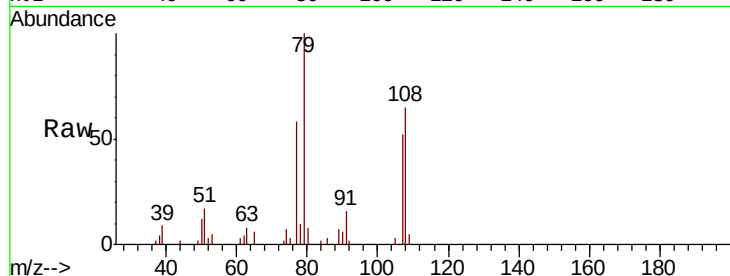
Tgt Ion: 79 Resp: 33587

Ion Ratio Lower Upper

79 100

108 64.5 59.3 88.9

77 58.4 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.627 ng

RT: 8.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

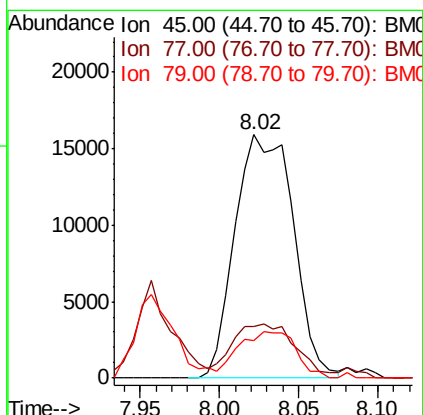
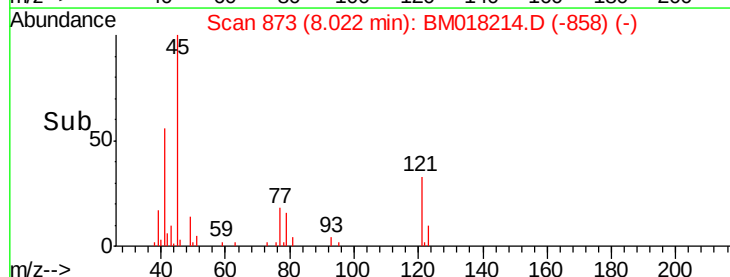
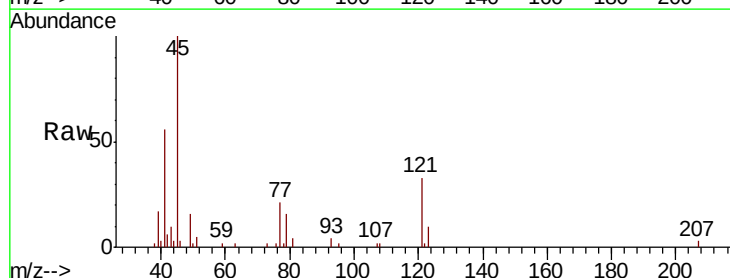
Tgt Ion: 45 Resp: 40641

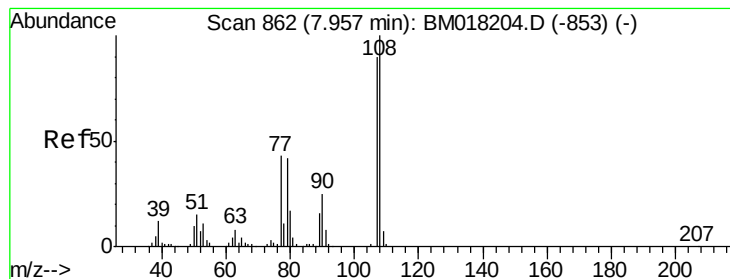
Ion Ratio Lower Upper

45 100

77 21.3 2.5 42.5

79 15.6 0.0 37.2





#17

2-Methylphenol

Concen: 2.944 ng

RT: 7.96 min Scan# 863

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

Tgt Ion:107 Resp: 19848

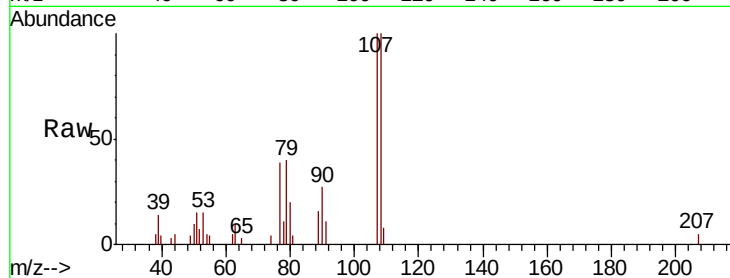
Ion Ratio Lower Upper

107 100

108 100.1 89.3 133.9

77 38.6 38.2 57.4

79 39.9 37.7 56.5

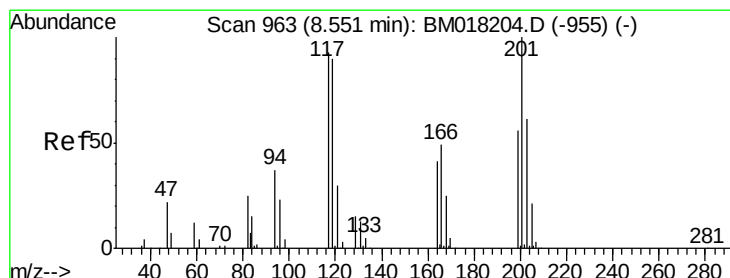
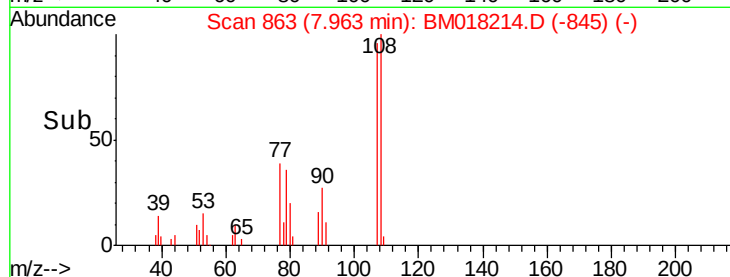
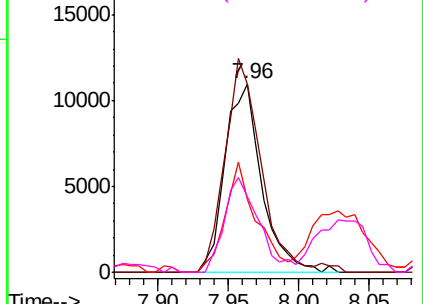


Abundance Ion 107.00 (106.70 to 107.70): E

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: 4.402 ng

RT: 8.55 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

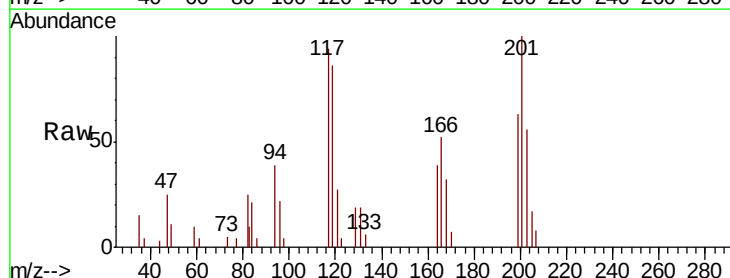
Tgt Ion:117 Resp: 14830

Ion Ratio Lower Upper

117 100

119 91.9 77.0 115.4

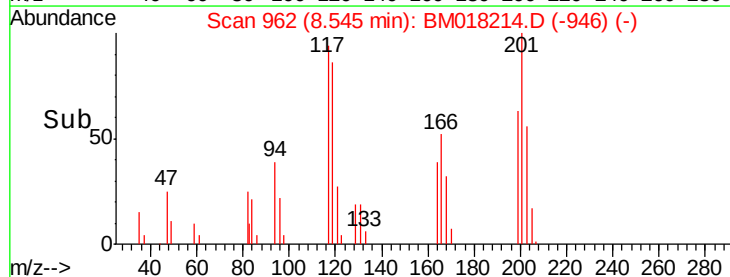
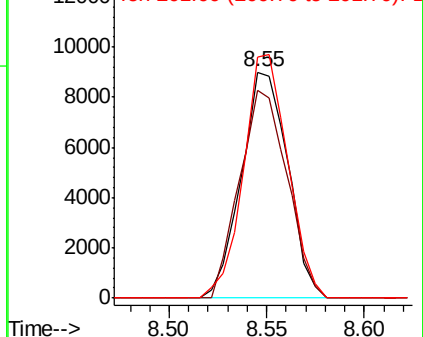
201 106.3 85.7 128.5

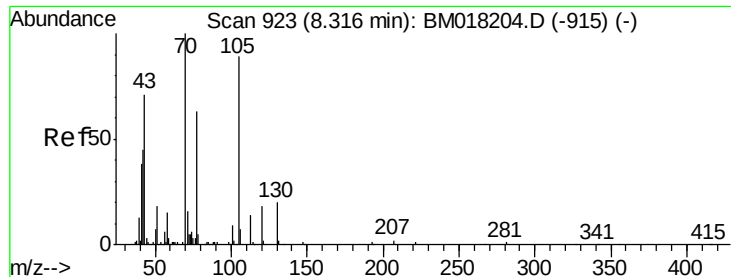


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

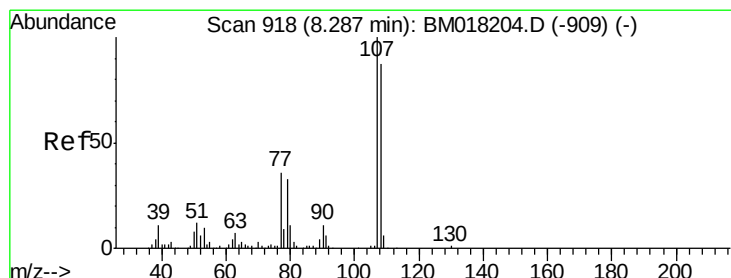
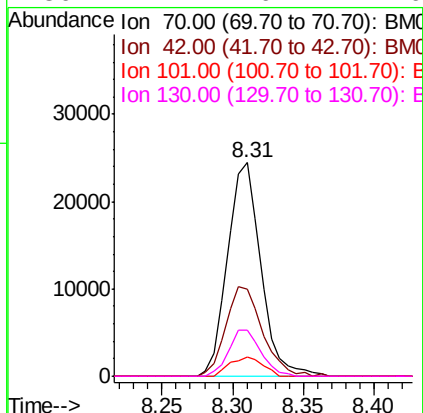
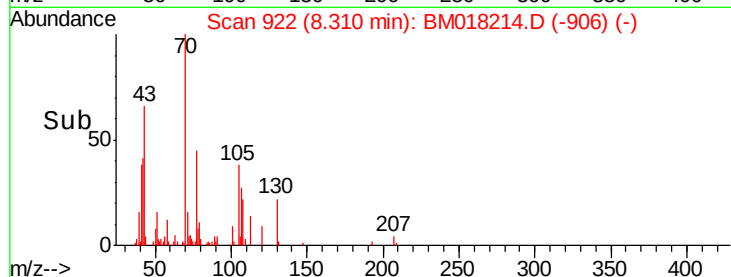
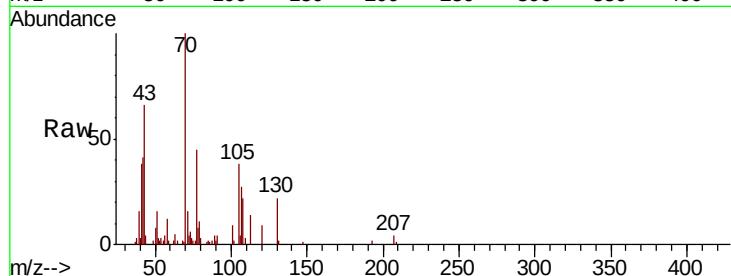




#19  
n-Nitroso-di-n-propylamine  
Concen: 5.652 ng  
RT: 8.31 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

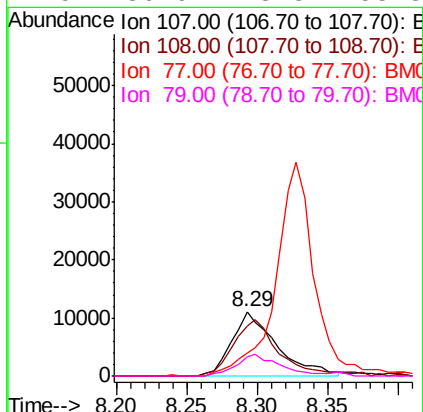
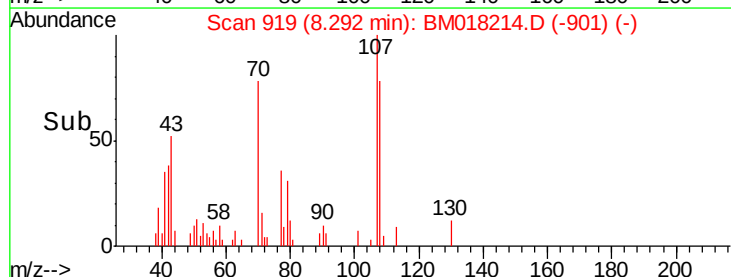
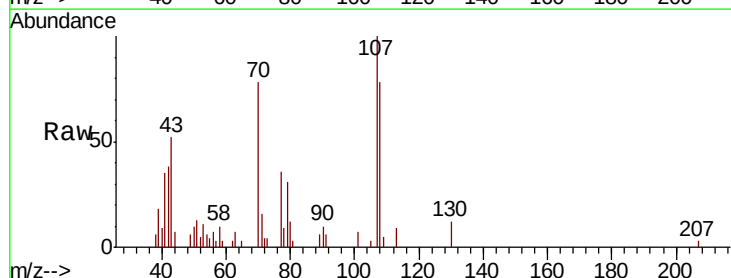
Instrument :  
BNA\_M  
ClientSampleId :  
P001-SW001-01MSD

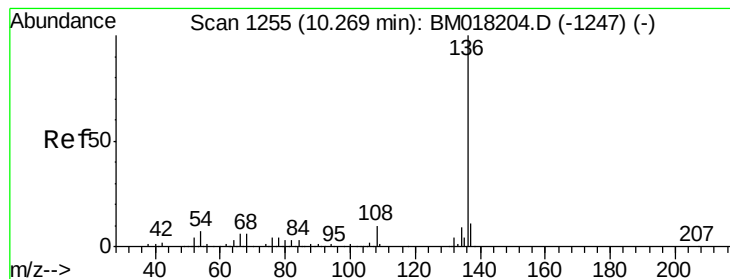
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 40240 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 41.0  | 36.2  | 54.2  |
| 101      | 9.0   | 7.5   | 11.3  |
| 130      | 21.7  | 16.4  | 24.6  |



#20  
3+4-Methylphenols  
Concen: 2.594 ng  
RT: 8.29 min Scan# 919  
Delta R.T. 0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 24513 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 78.0  | 67.4  | 107.4 |
| 77       | 36.3  | 15.7  | 55.7  |
| 79       | 30.9  | 13.3  | 53.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

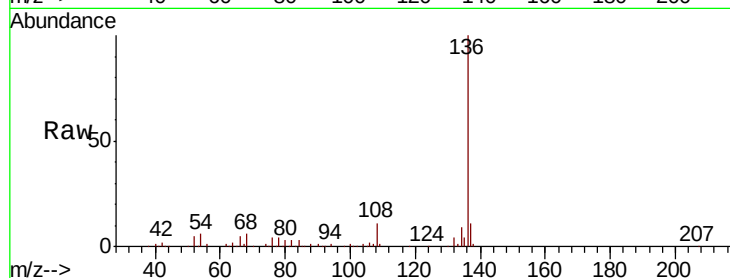
Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 502245 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 9.2   | 13.8   |
| 54       | 5.7   | 5.2   | 7.8    |
| 68       | 5.6   | 5.0   | 7.6    |



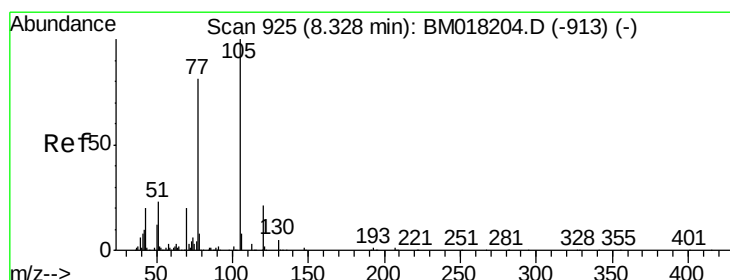
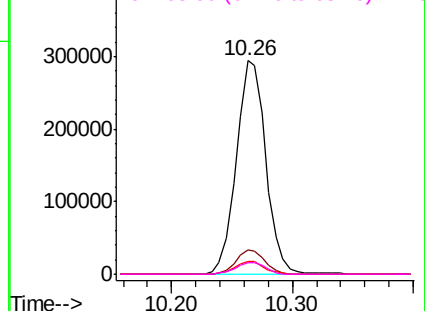
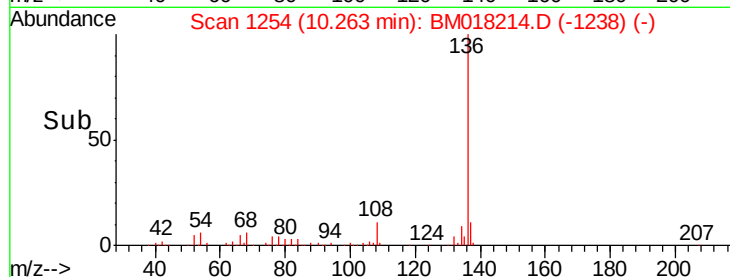
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 5.642 ng

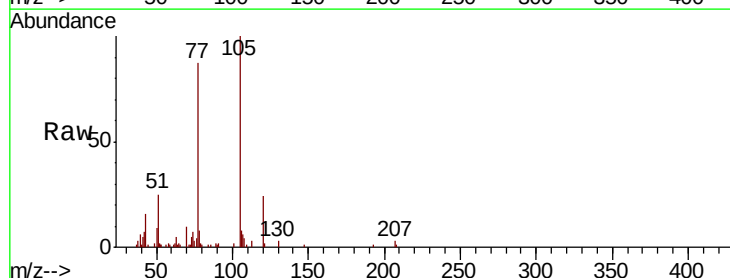
RT: 8.33 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 74988 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 1.4   | 2.6   | 4.0#  |
| 51       | 25.5  | 18.3  | 27.5  |
| 120      | 24.0  | 17.0  | 25.6  |



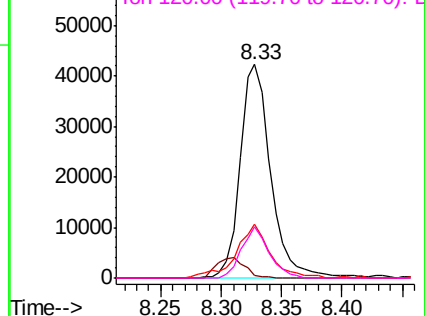
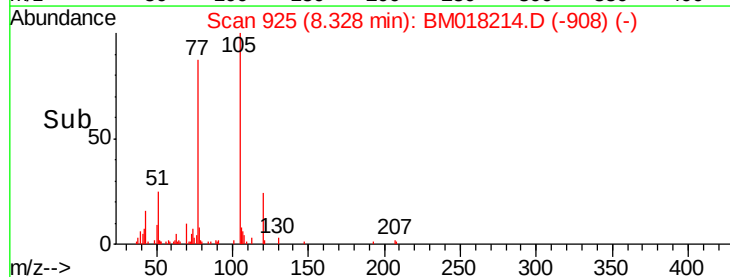
Abundance

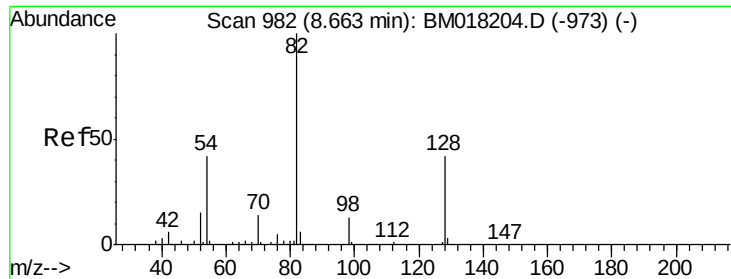
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

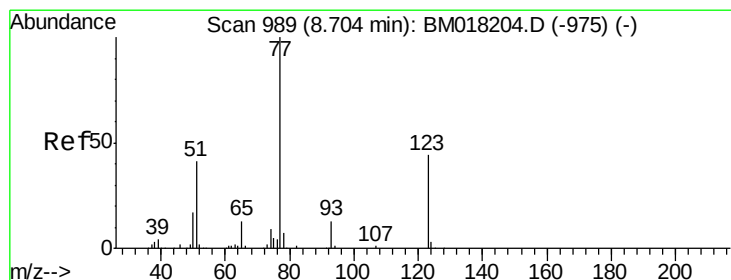
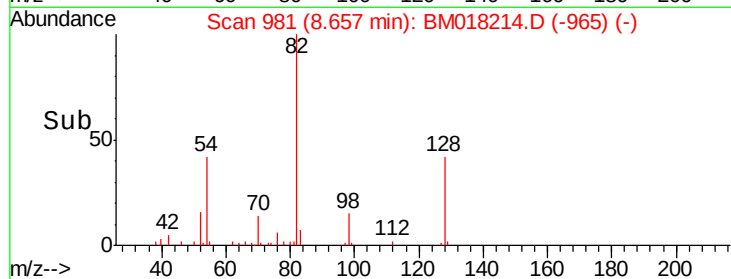
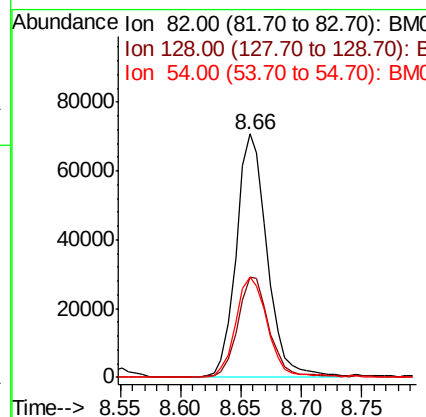
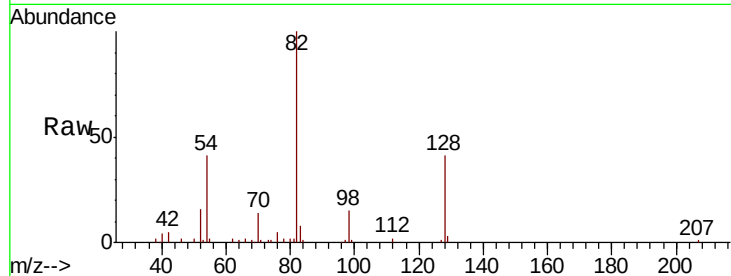




#23  
 Nitrobenzene-d5  
 Concen: 12.899 ng  
 RT: 8.66 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

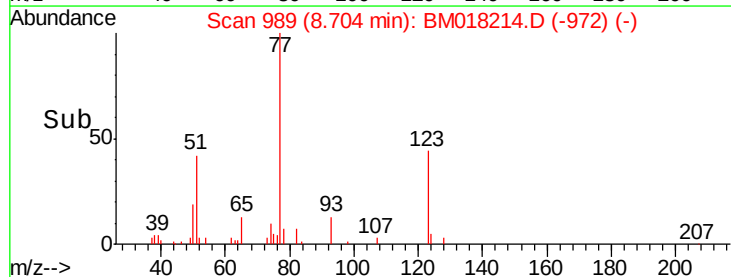
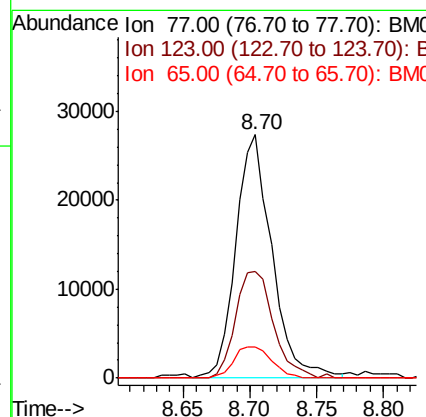
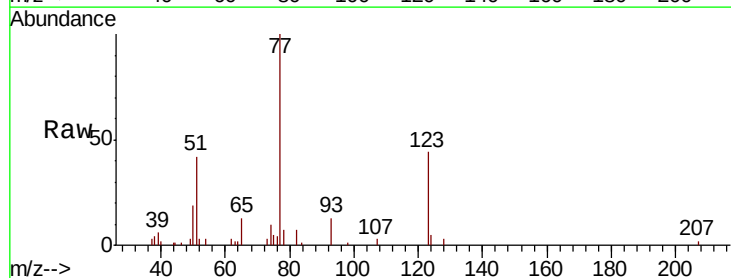
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

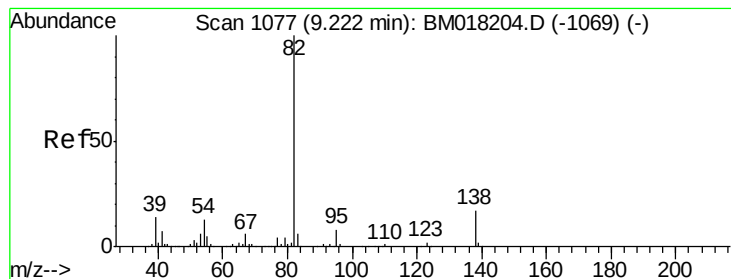
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.4  | 33.4  | 50.2  |
| 54      | 41.3  | 33.4  | 50.2  |



#24  
 Nitrobenzene  
 Concen: 5.288 ng  
 RT: 8.70 min Scan# 989  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.0  | 35.4  | 53.2  |
| 65      | 13.0  | 10.6  | 15.8  |





#25

Isophorone

Concen: 6.622 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

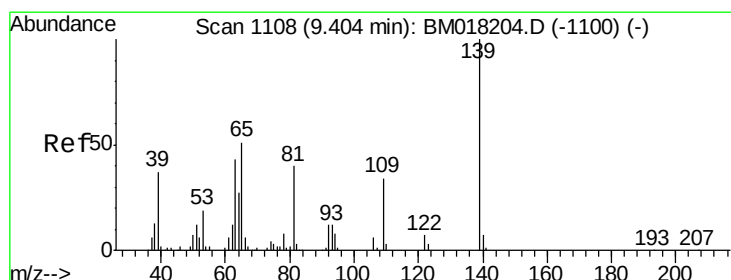
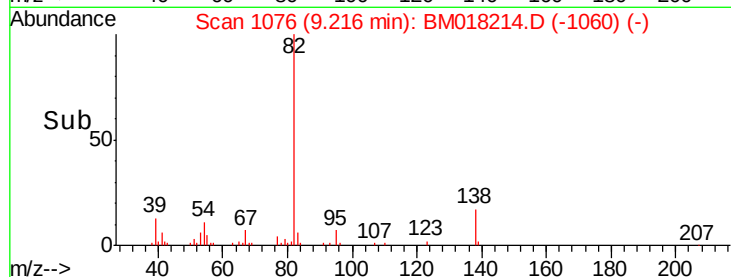
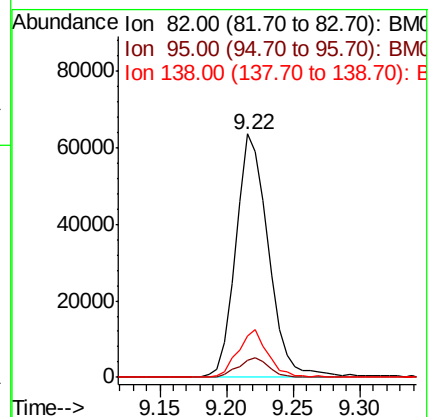
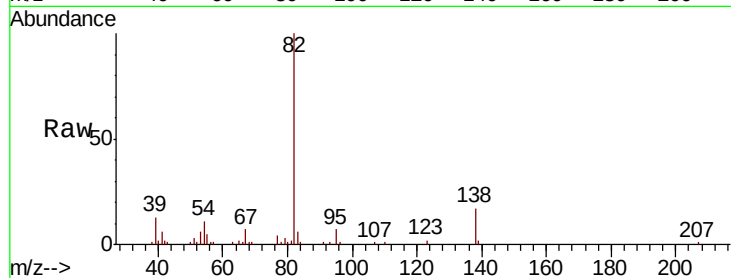
Tgt Ion: 82 Resp: 107950

Ion Ratio Lower Upper

82 100

95 7.1 6.4 9.6

138 16.9 13.9 20.9



#26

2-Nitrophenol

Concen: 2.651 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

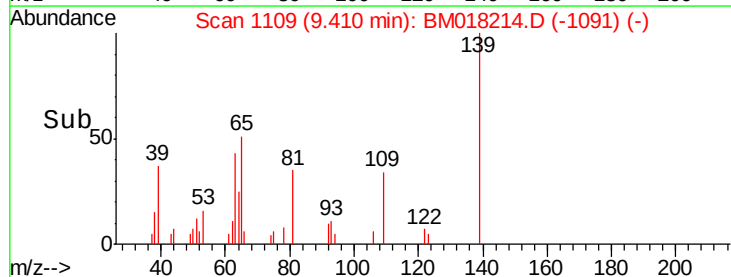
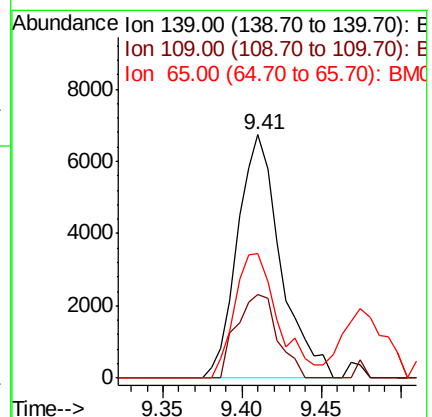
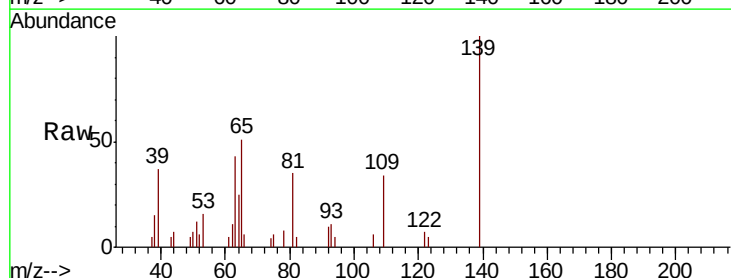
Tgt Ion: 139 Resp: 12723

Ion Ratio Lower Upper

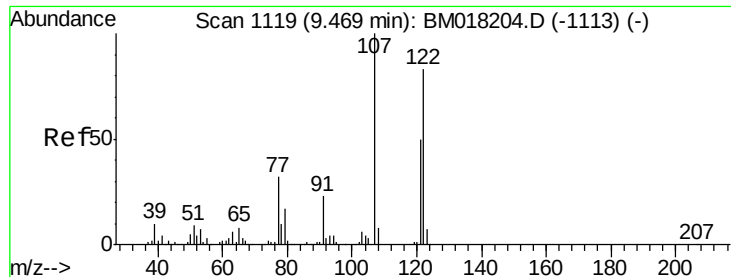
139 100

109 34.2 27.4 41.0

65 51.0 41.0 61.4



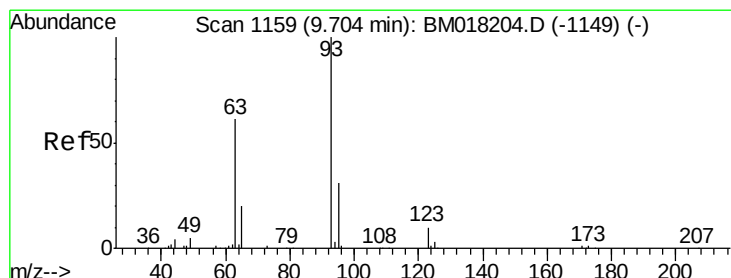
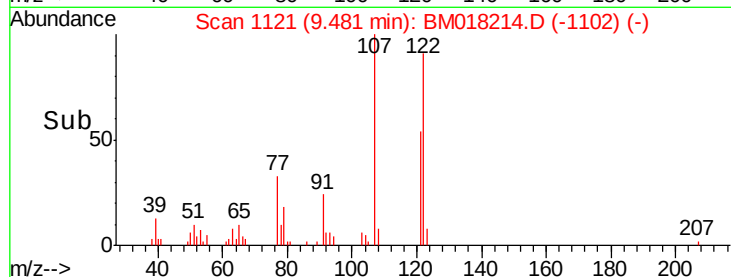
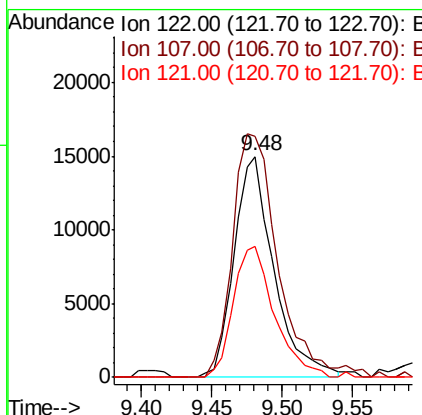
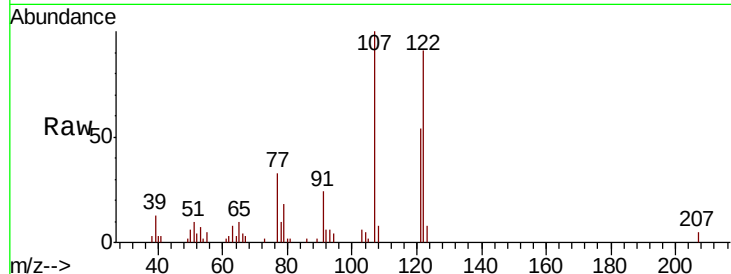




#27  
 2,4-Dimethylphenol  
 Concen: 4.275 ng  
 RT: 9.48 min Scan# 1121  
 Delta R.T. 0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

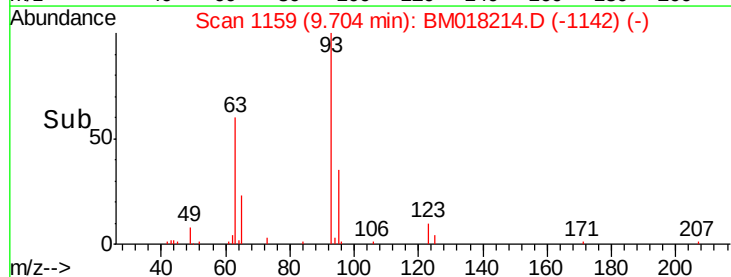
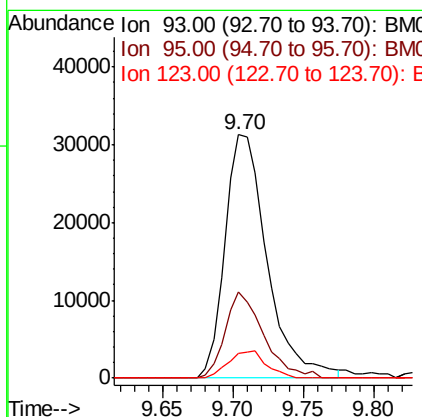
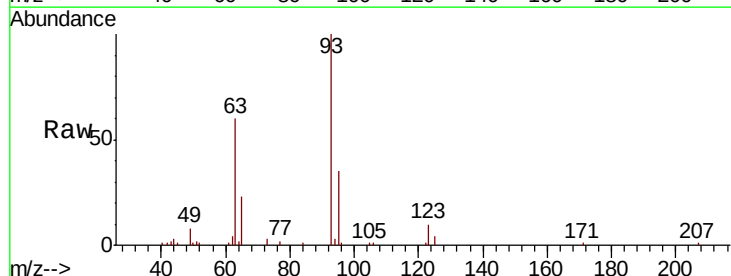
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

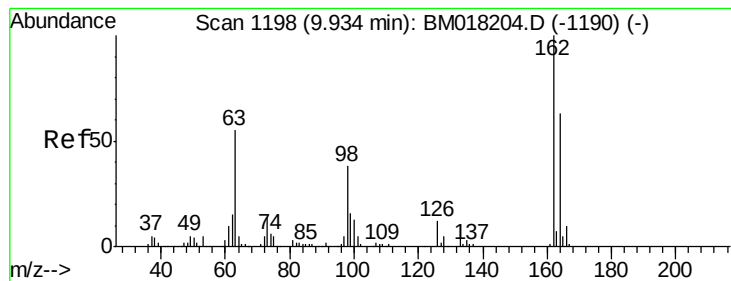
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 109.4 | 96.5  | 144.7 |
| 121     | 59.5  | 48.2  | 72.4  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 6.120 ng  
 RT: 9.70 min Scan# 1159  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 35.4  | 25.3  | 37.9  |
| 123     | 10.2  | 9.3   | 13.9  |





#29

2,4-Dichlorophenol

Concen: 3.018 ng

RT: 9.96 min Scan# 1202

Delta R.T. 0.02 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

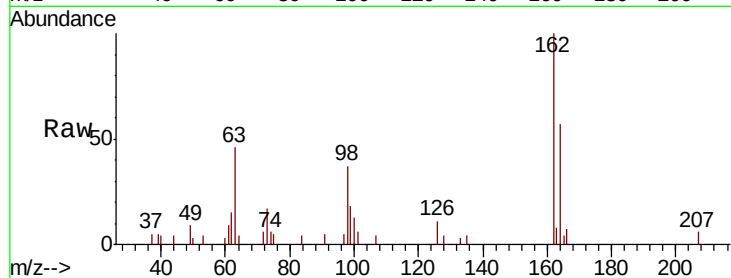
Tgt Ion:162 Resp: 23140

Ion Ratio Lower Upper

162 100

164 57.1 43.0 83.0

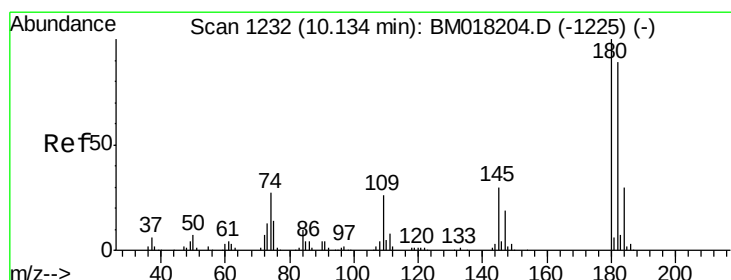
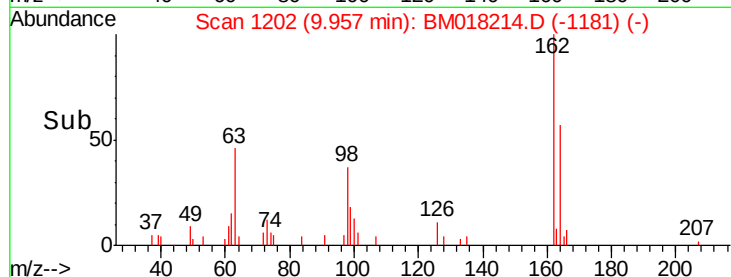
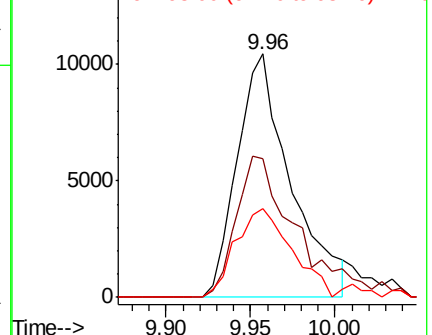
98 36.6 18.3 58.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 5.292 ng

RT: 10.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

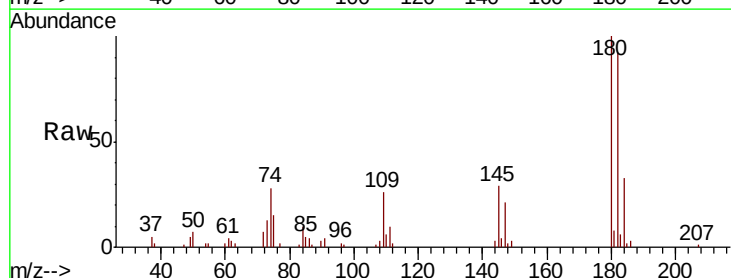
Tgt Ion:180 Resp: 46159

Ion Ratio Lower Upper

180 100

182 91.8 71.4 107.2

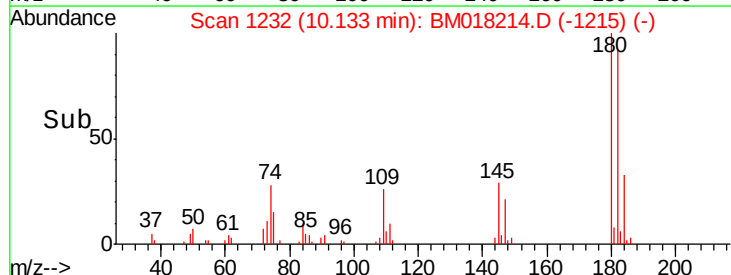
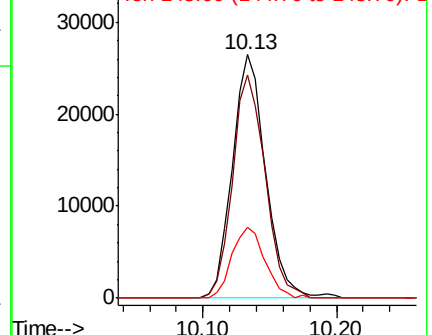
145 29.2 24.4 36.6

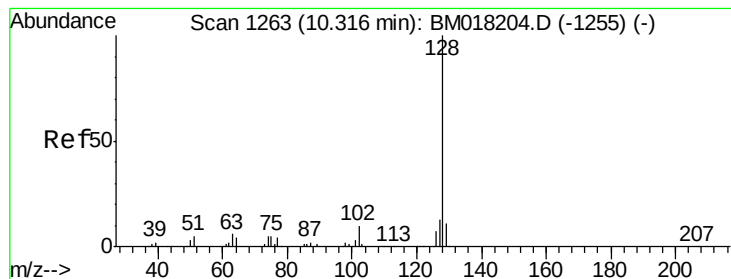


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

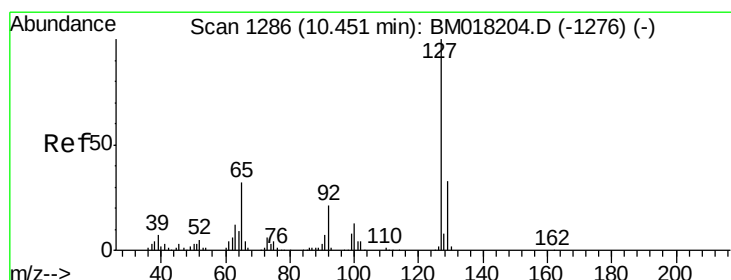
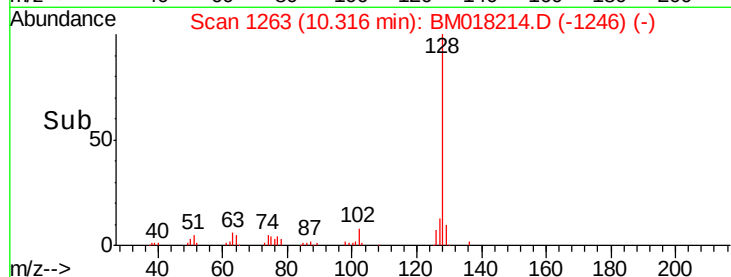
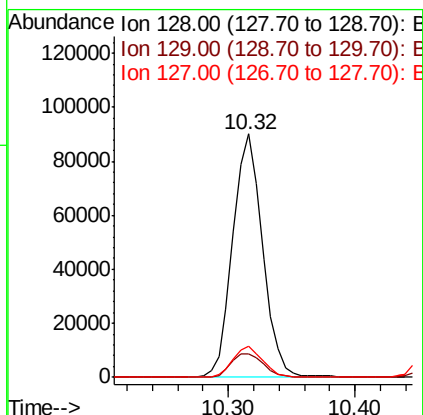
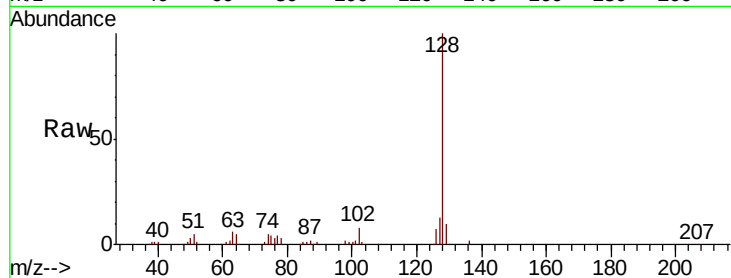




#31  
Naphthalene  
Concen: 5.984 ng  
RT: 10.32 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

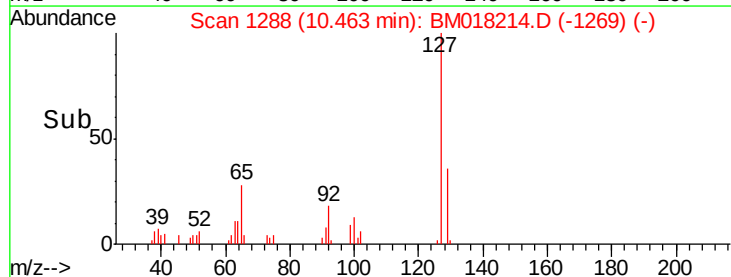
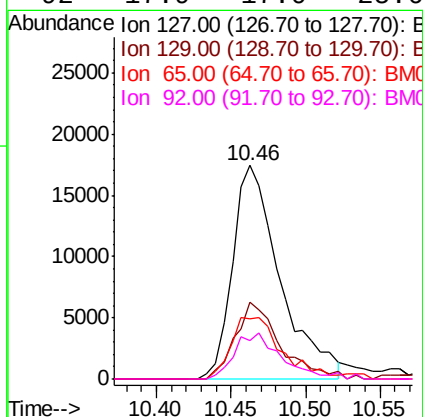
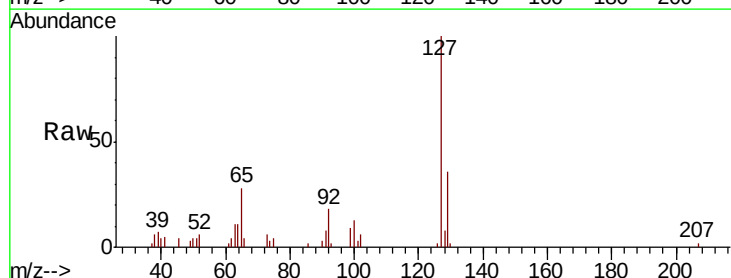
Instrument :  
BNA\_M  
ClientSampleId :  
P001-SW001-01MSD

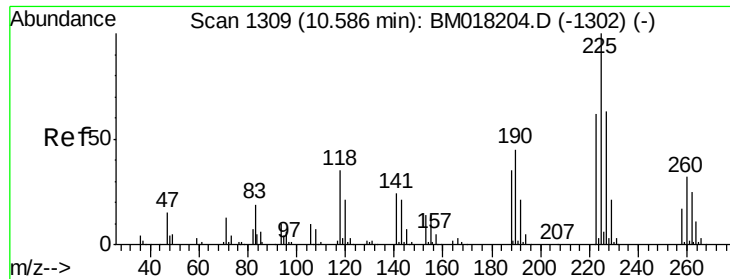
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 9.8   | 8.9   | 13.3  |
| 127     | 13.0  | 10.4  | 15.6  |



#33  
4-Chloroaniline  
Concen: 3.597 ng  
RT: 10.46 min Scan# 1288  
Delta R.T. 0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 36.2  | 26.4  | 39.6  |
| 65      | 28.4  | 25.6  | 38.4  |
| 92      | 17.9  | 17.0  | 25.6  |





#34

Hexachlorobutadiene

Concen: 4.605 ng

RT: 10.59 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

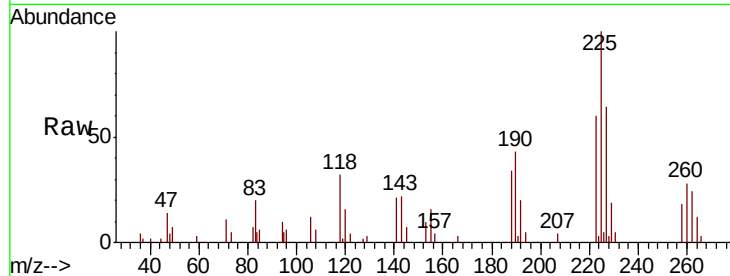
Tgt Ion: 225 Resp: 25405

Ion Ratio Lower Upper

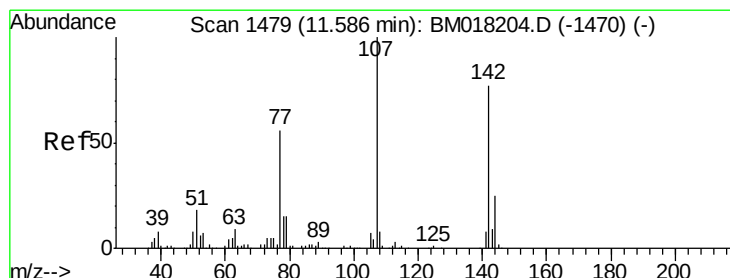
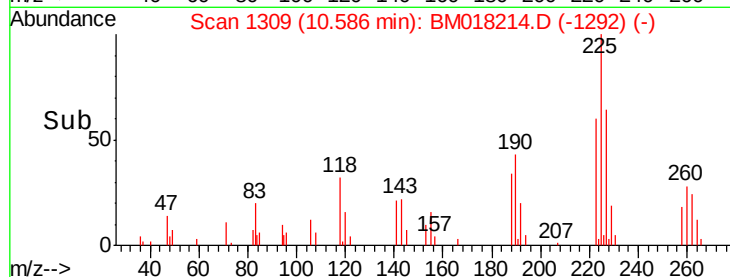
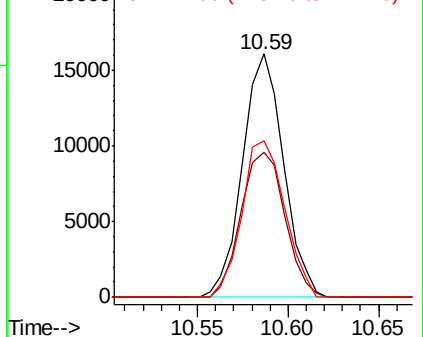
225 100

223 59.8 49.8 74.6

227 64.4 50.2 75.4



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



#36

4-Chloro-3-methylphenol

Concen: 3.567 ng

RT: 11.59 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

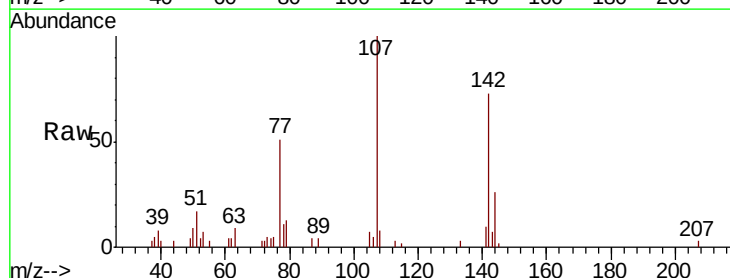
Tgt Ion: 107 Resp: 32864

Ion Ratio Lower Upper

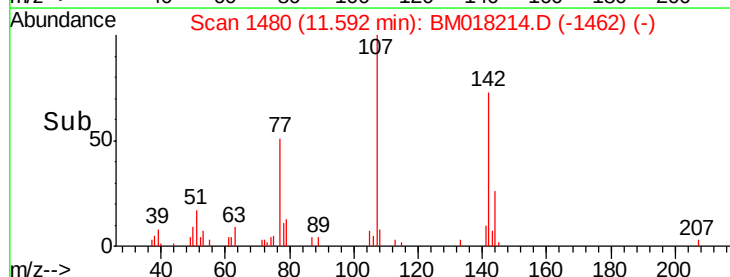
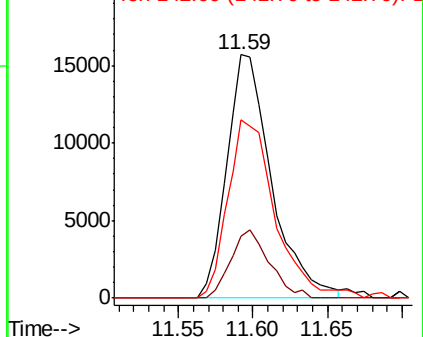
107 100

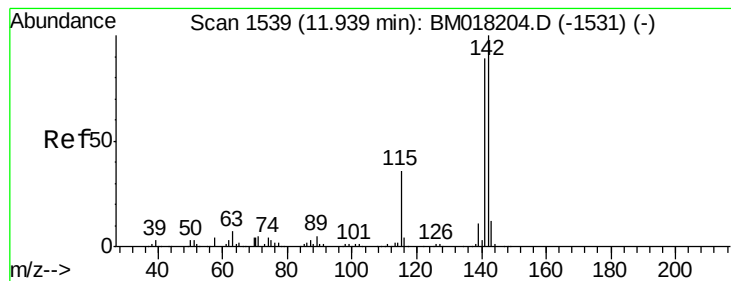
144 25.5 20.1 30.1

142 73.3 61.7 92.5



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: 6.682 ng

RT: 11.94 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

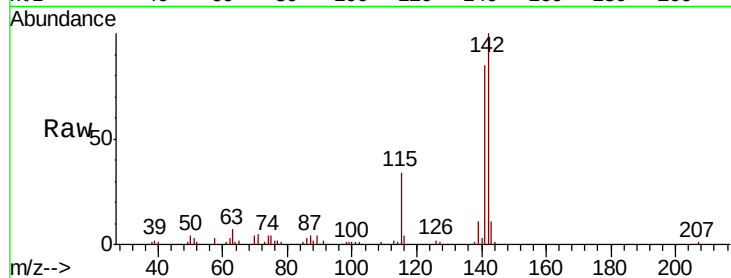
Tgt Ion:142 Resp: 115722

Ion Ratio Lower Upper

142 100

141 84.6 71.4 107.2

115 34.1 29.0 43.6

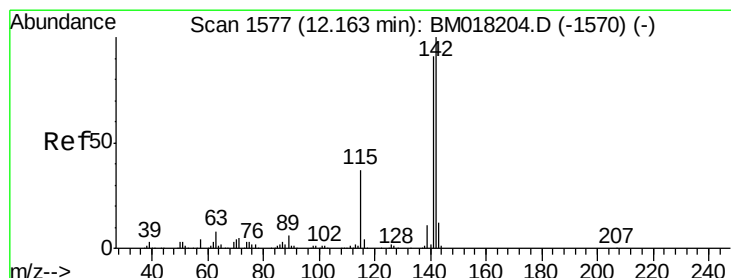
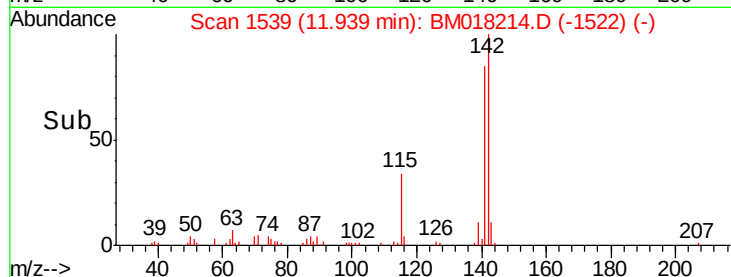
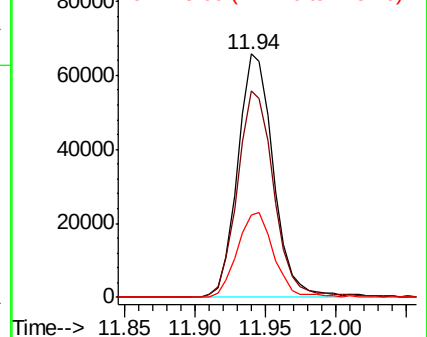


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 6.727 ng

RT: 12.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

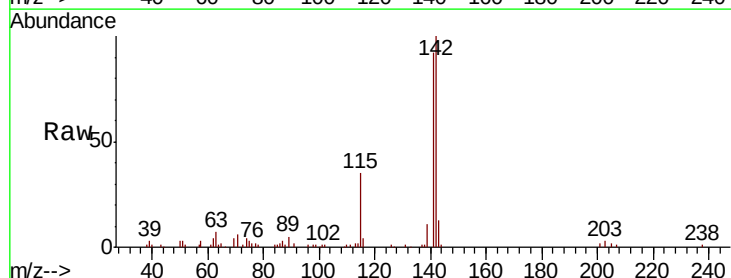
Tgt Ion:142 Resp: 113685

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.4

116 3.6 3.0 4.6

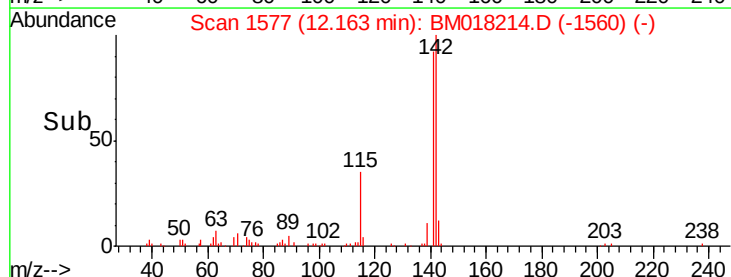
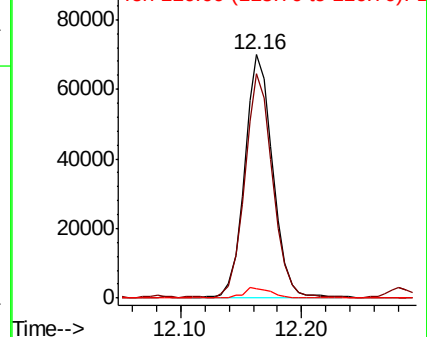


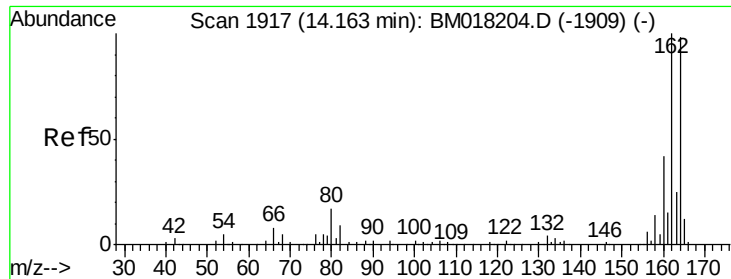
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

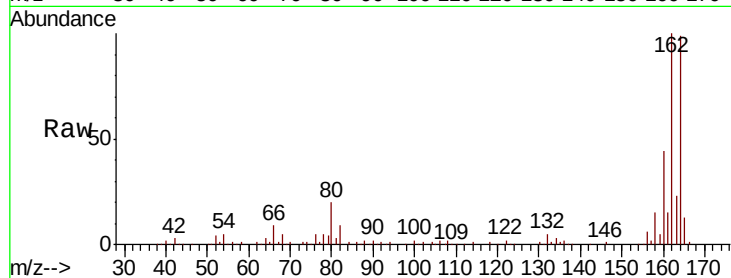
Tgt Ion:164 Resp: 302578

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.6

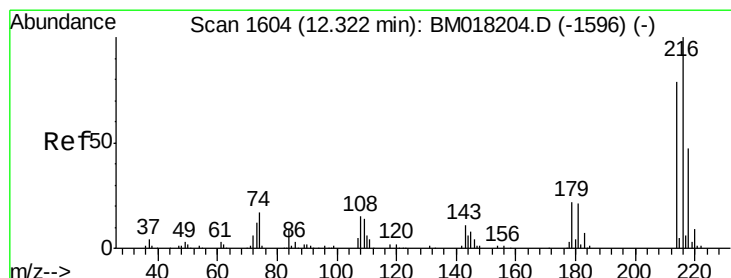
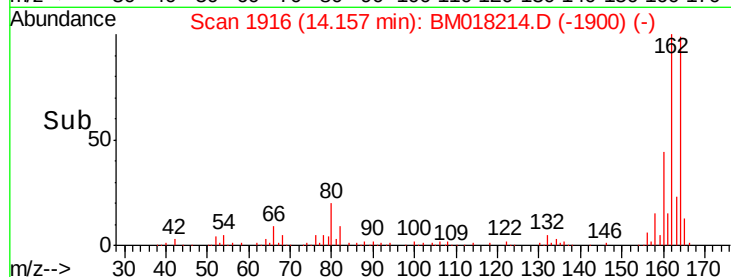
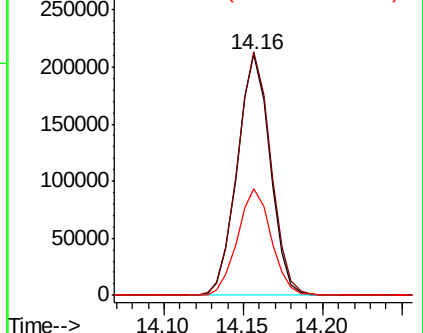
160 44.4 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.444 ng

RT: 12.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:216 Resp: 56647

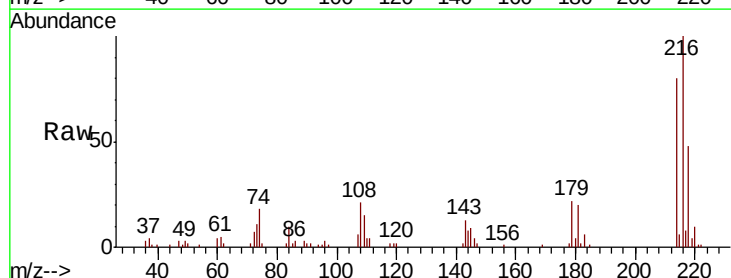
Ion Ratio Lower Upper

216 100

214 77.1 63.4 95.0

179 21.4 17.2 25.8

108 17.0 14.6 21.8

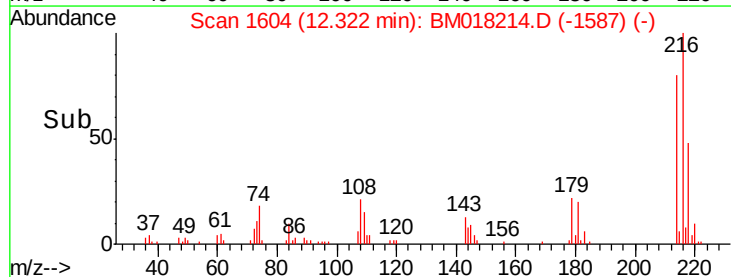
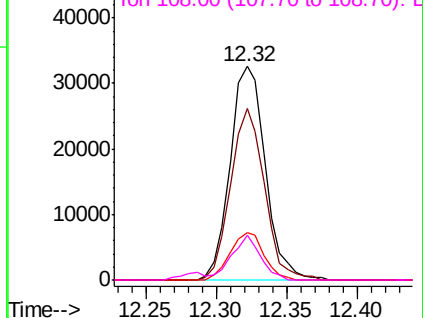


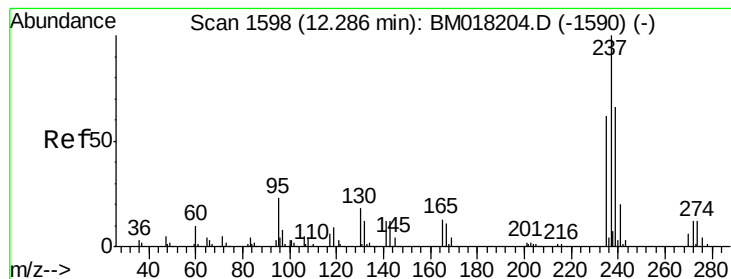
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 14.074 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

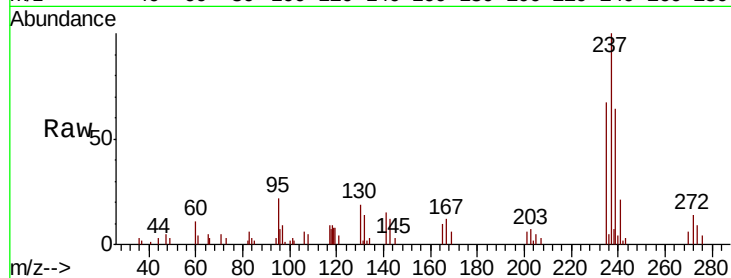
Tgt Ion: 237 Resp: 30335

Ion Ratio Lower Upper

237 100

235 67.1 42.1 82.1

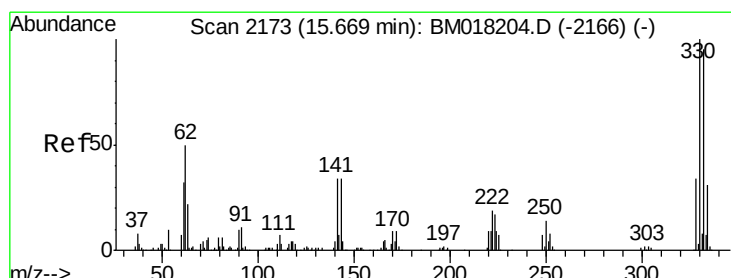
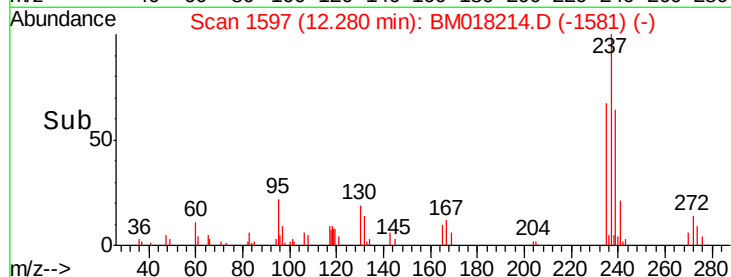
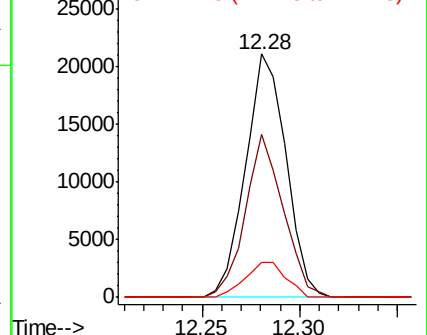
272 14.2 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 12.122 ng

RT: 15.67 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

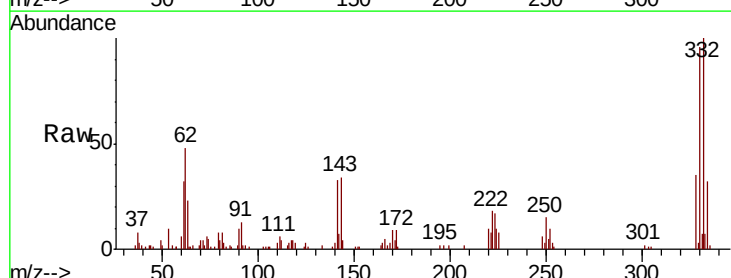
Tgt Ion: 330 Resp: 53833

Ion Ratio Lower Upper

330 100

332 97.6 78.6 118.0

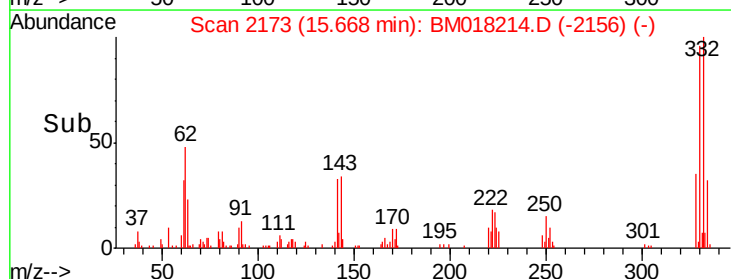
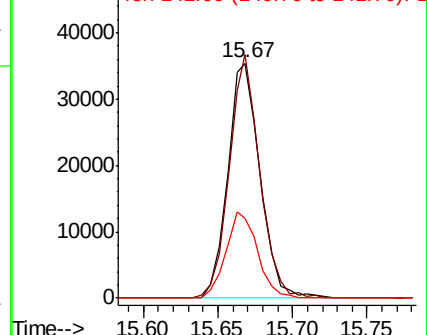
141 35.5 27.1 40.7

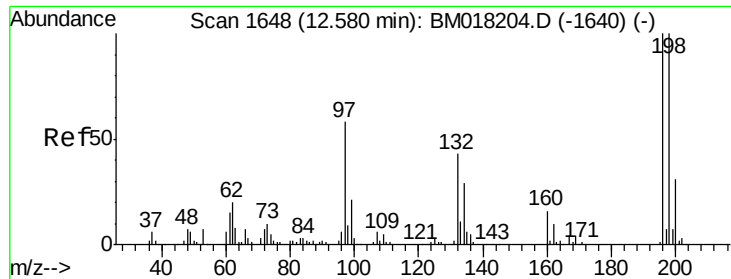


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

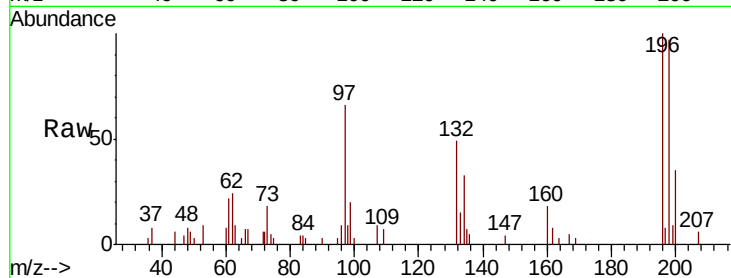




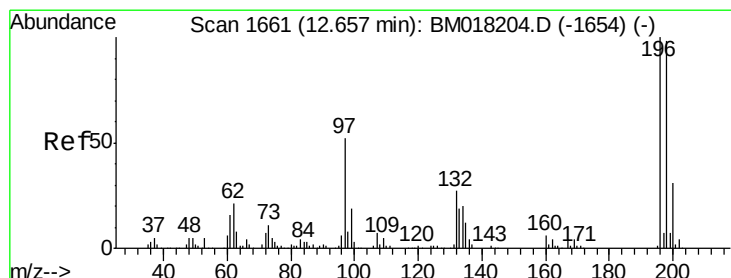
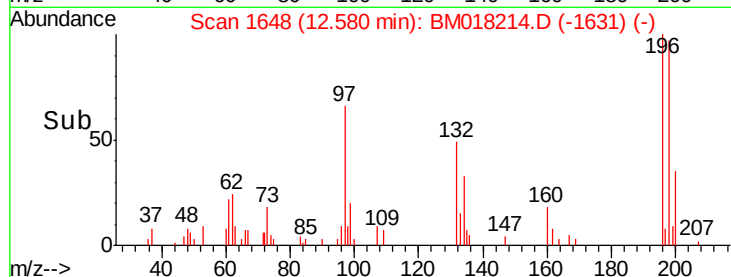
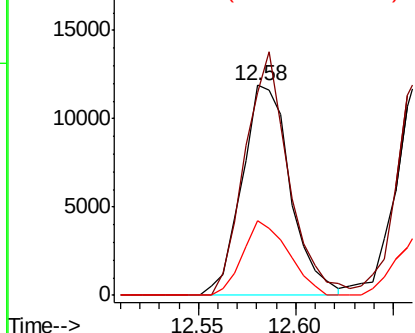
#43  
 2,4,6-Trichlorophenol  
 Concen: 3.054 ng  
 RT: 12.58 min Scan# 1648  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

Tgt Ion:196 Resp: 20437  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 80.1 120.1  
 200 35.3 24.9 37.3

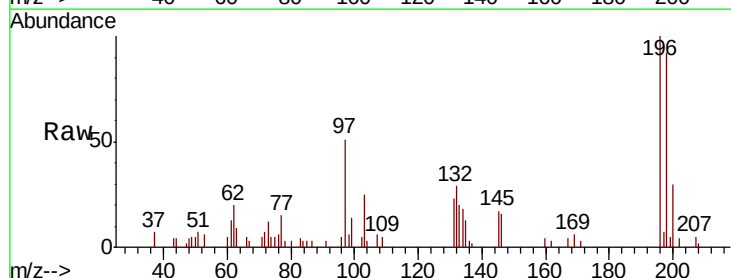


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

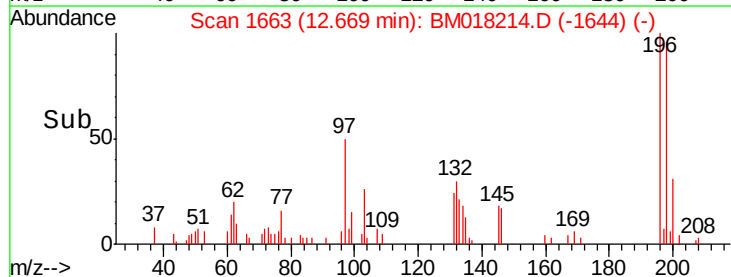
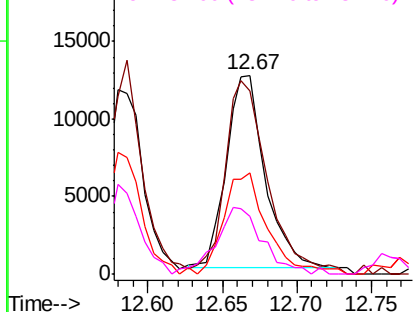


#44  
 2,4,5-Trichlorophenol  
 Concen: 3.193 ng  
 RT: 12.67 min Scan# 1663  
 Delta R.T. 0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

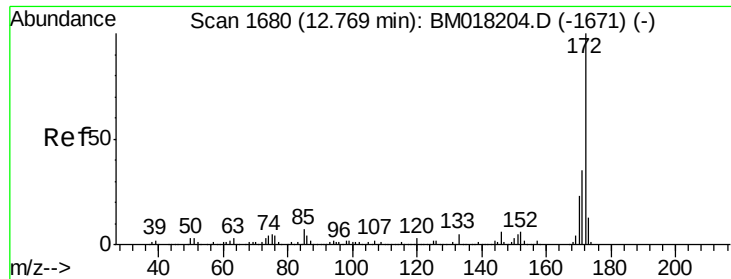
Tgt Ion:196 Resp: 22682  
 Ion Ratio Lower Upper  
 196 100  
 198 92.3 78.5 117.7  
 97 50.8 41.9 62.9  
 132 28.7 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BM0  
 Ion 132.00 (131.70 to 132.70): E



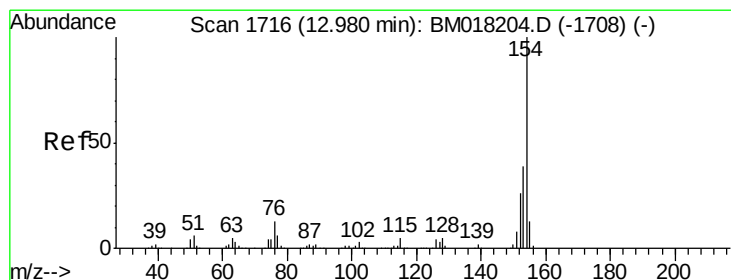
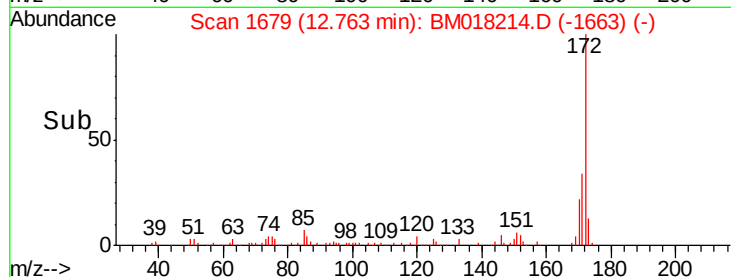
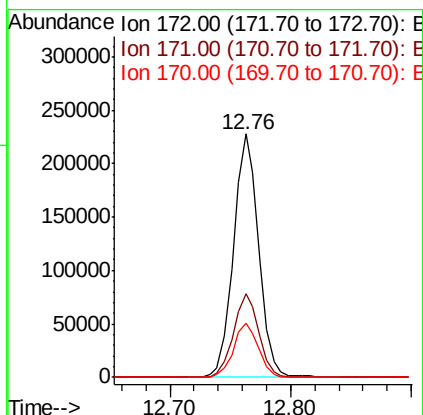
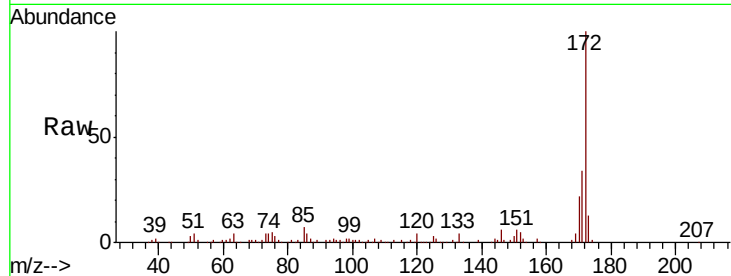




#45  
2-Fluorobiphenyl  
Concen: 14.080 ng  
RT: 12.76 min Scan# 1679  
Delta R.T. -0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

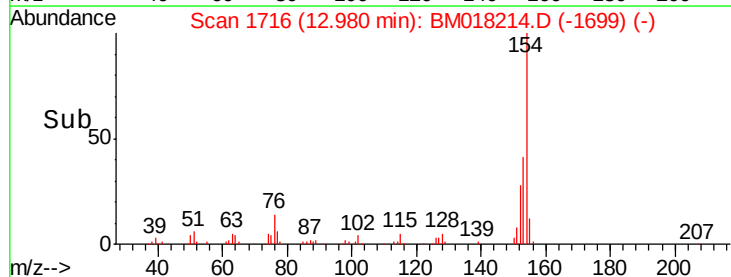
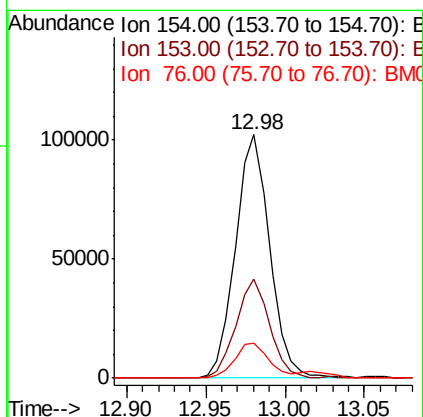
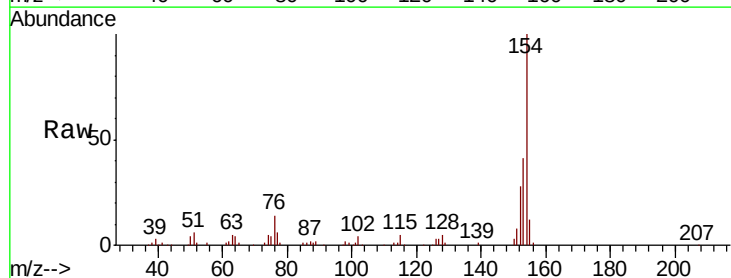
Instrument :  
BNA\_M  
ClientSampleId :  
P001-SW001-01MSD

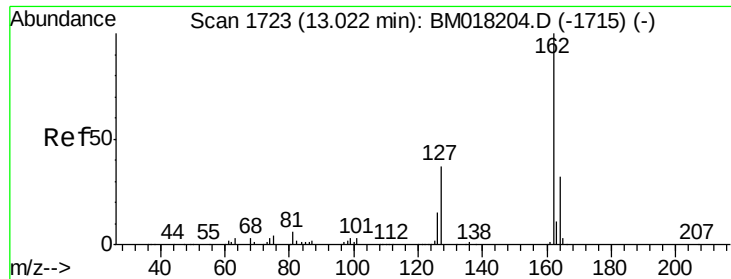
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.3  | 28.3  | 42.5  |
| 170     | 22.2  | 18.1  | 27.1  |



#46  
1,1'-Biphenyl  
Concen: 5.620 ng  
RT: 12.98 min Scan# 1716  
Delta R.T. -0.00 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 19.5  | 59.5  |
| 76      | 14.3  | 0.0   | 33.1  |





#47

2-Chloronaphthalene

Concen: 5.787 ng

RT: 13.02 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

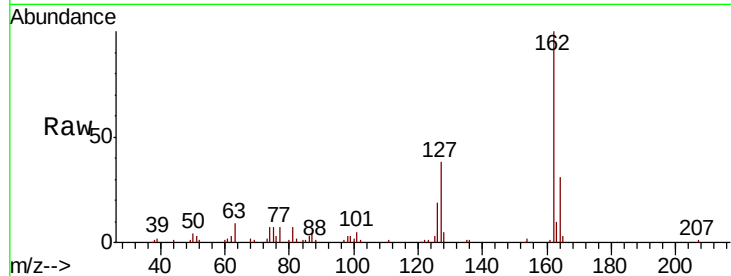
Tgt Ion: 162 Resp: 115939

Ion Ratio Lower Upper

162 100

127 38.4 31.8 47.8

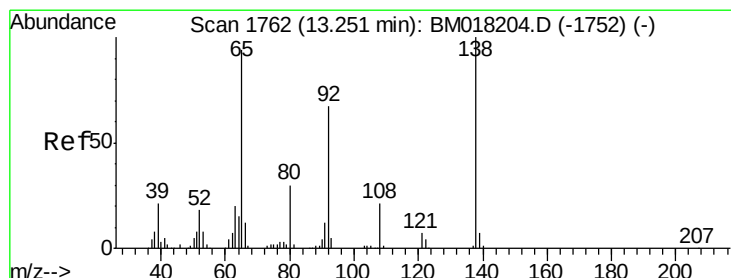
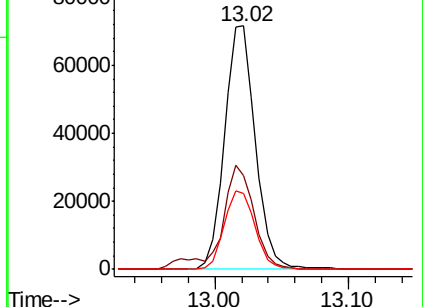
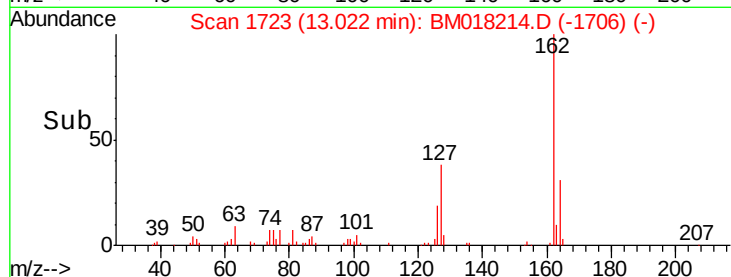
164 31.3 25.9 38.9



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



#48

2-Nitroaniline

Concen: 5.904 ng

RT: 13.25 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

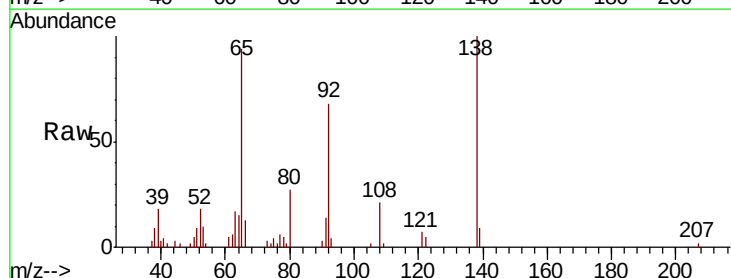
Tgt Ion: 65 Resp: 36439

Ion Ratio Lower Upper

65 100

92 71.9 56.8 85.2

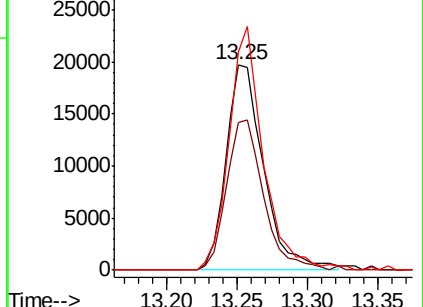
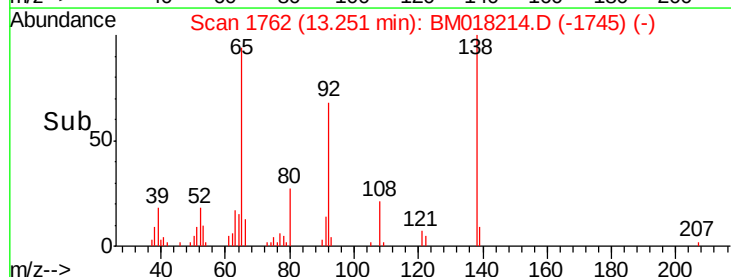
138 106.5 85.1 127.7

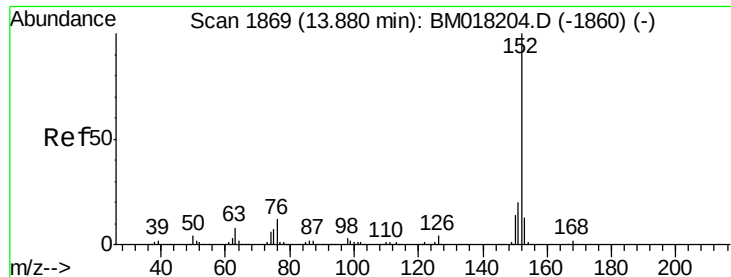


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 6.516 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

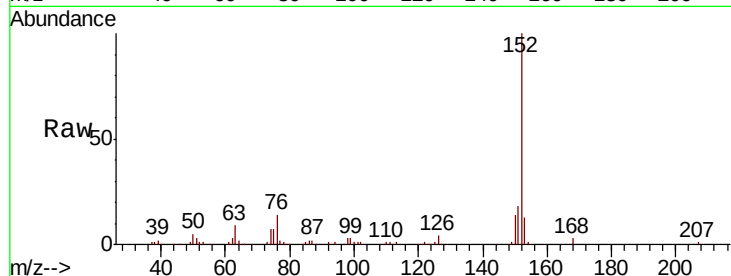
Tgt Ion:152 Resp: 196722

Ion Ratio Lower Upper

152 100

151 18.2 16.0 24.0

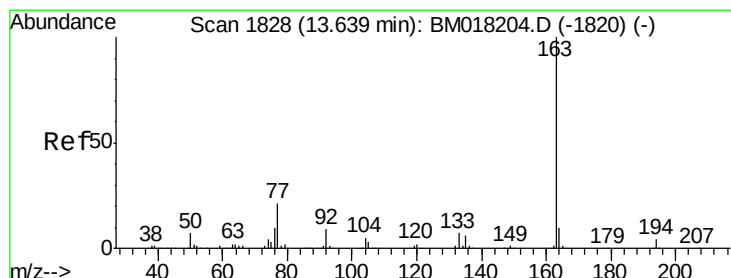
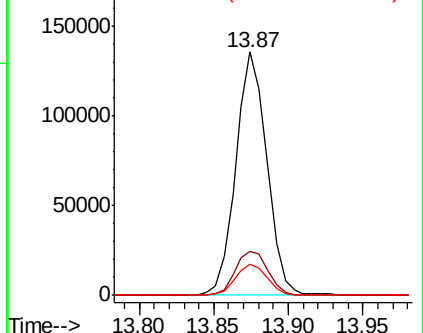
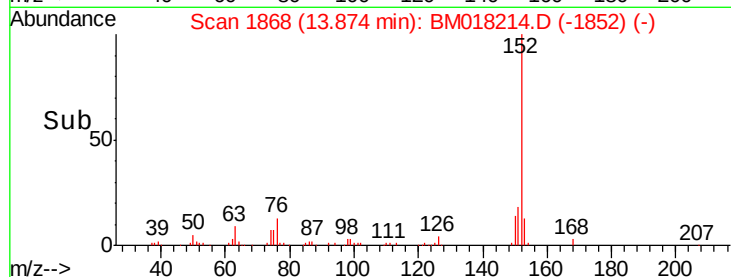
153 12.9 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.135 ng

RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

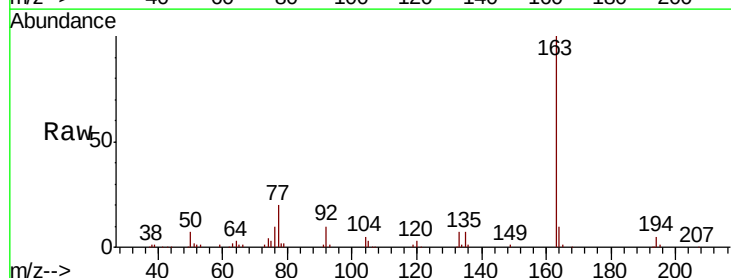
Tgt Ion:163 Resp: 204628

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

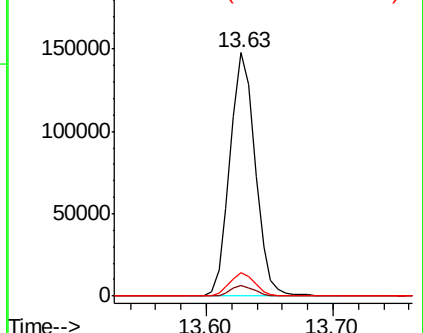
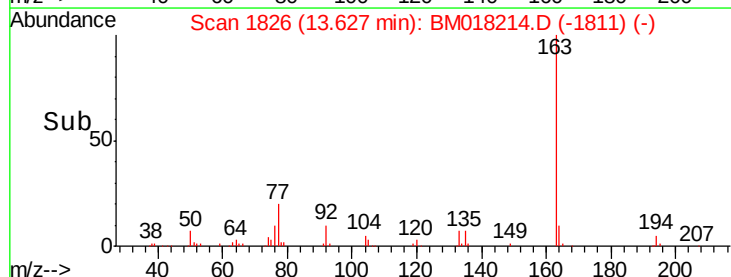
164 9.8 7.9 11.9

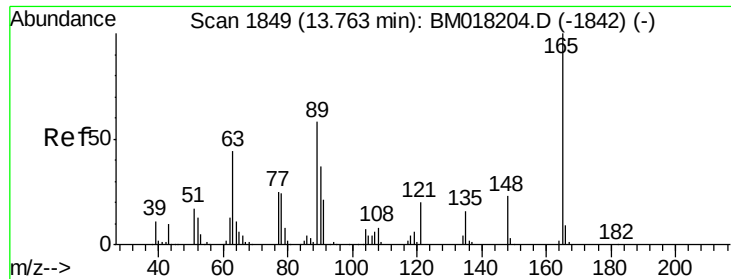


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 6.179 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

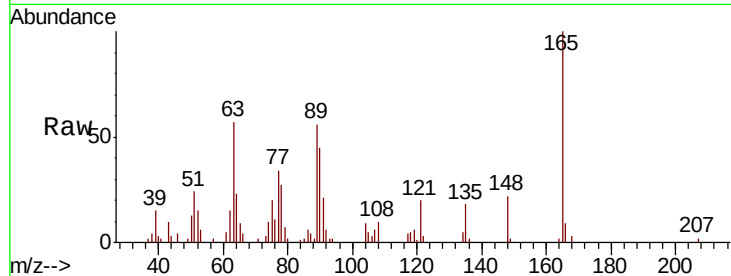
Tgt Ion:165 Resp: 34171

Ion Ratio Lower Upper

165 100

63 57.5 46.6 69.8

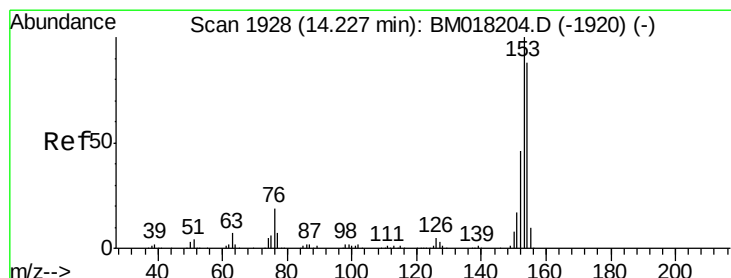
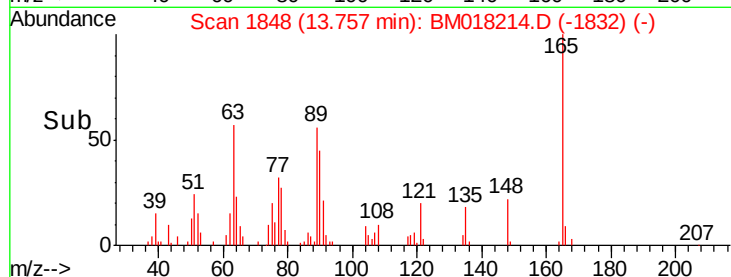
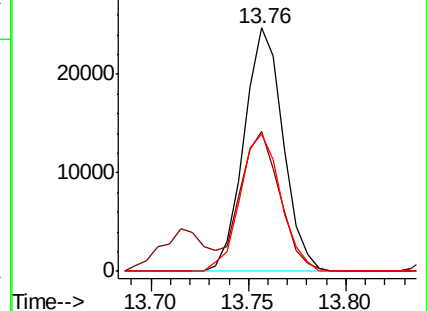
89 56.4 46.3 69.5



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



#52

Acenaphthene

Concen: 6.473 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

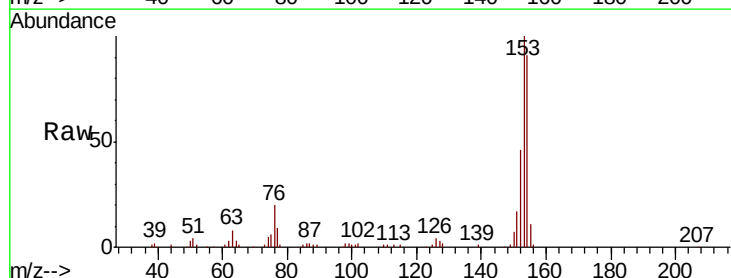
Tgt Ion:154 Resp: 119440

Ion Ratio Lower Upper

154 100

153 109.4 90.4 135.6

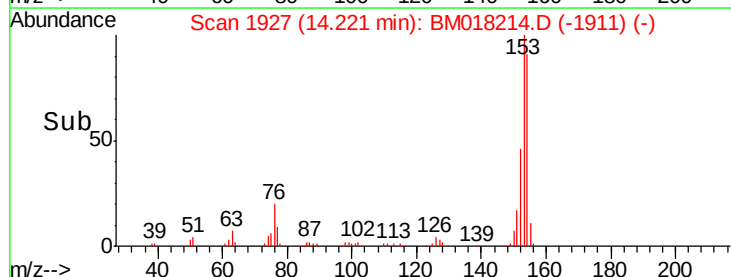
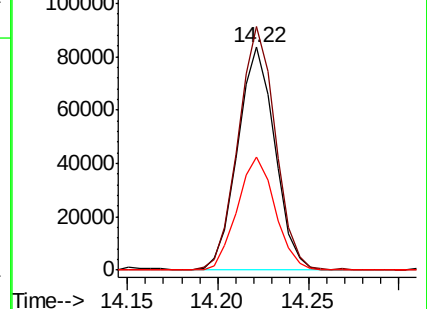
152 50.7 41.2 61.8

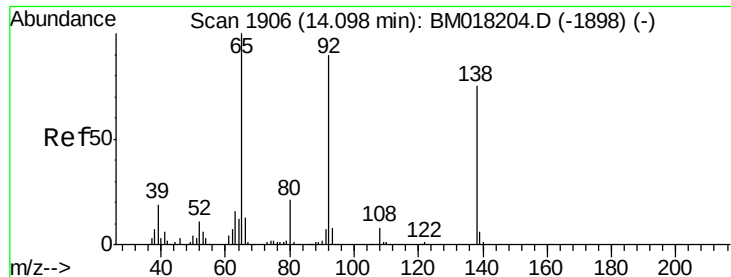


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 5.240 ng

RT: 14.10 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

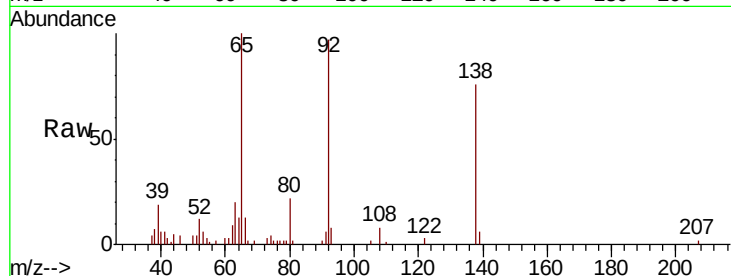
Tgt Ion:138 Resp: 30493

Ion Ratio Lower Upper

138 100

108 10.7 8.4 12.6

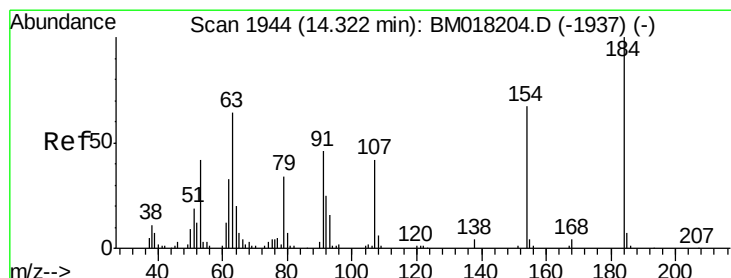
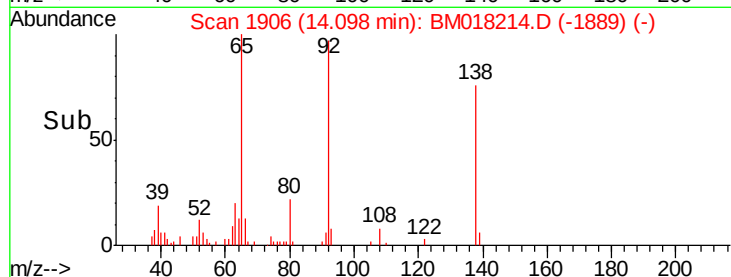
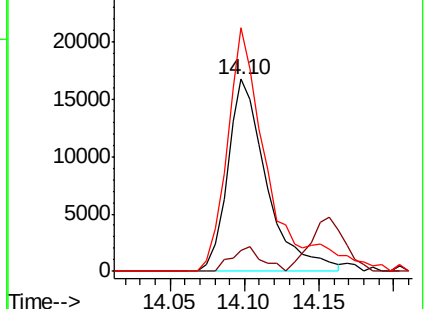
92 127.0 94.9 142.3



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



#54

2,4-Dinitrophenol

Concen: 4.646 ng

RT: 14.33 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

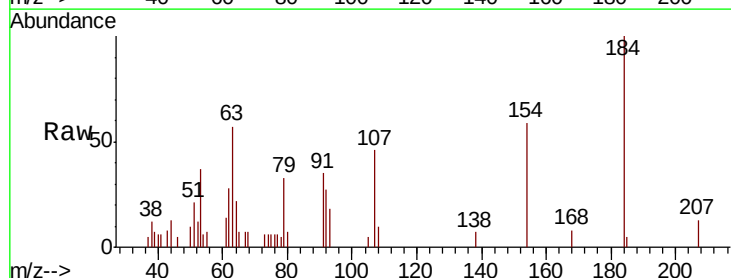
Tgt Ion:184 Resp: 14173

Ion Ratio Lower Upper

184 100

63 57.2 51.6 77.4

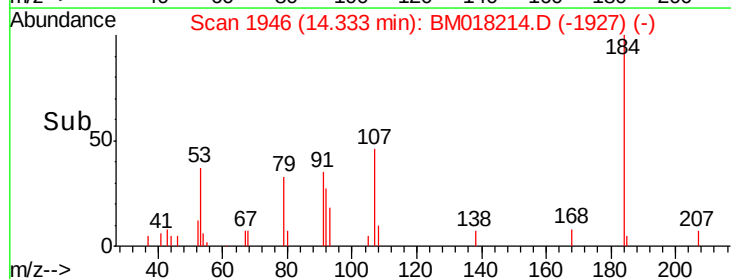
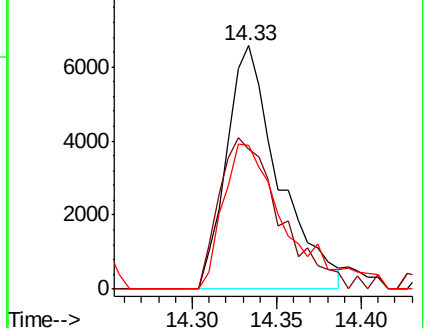
154 59.0 54.0 81.0

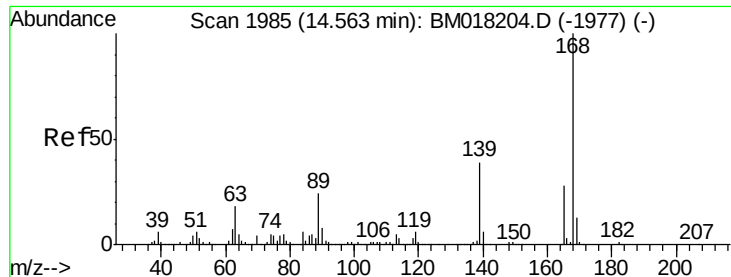


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 6.497 ng

RT: 14.56 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

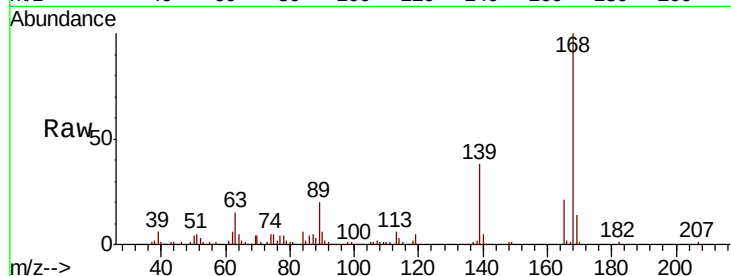
Tgt Ion:168 Resp: 192624

Ion Ratio Lower Upper

168 100

139 38.3 31.2 46.8

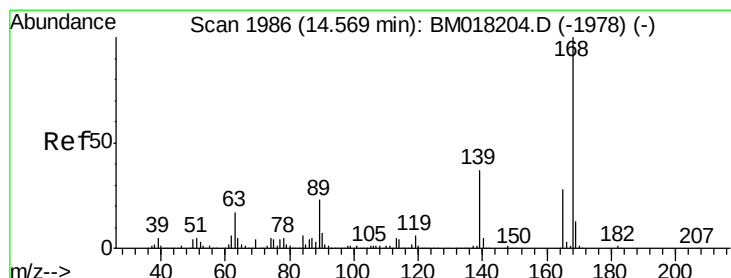
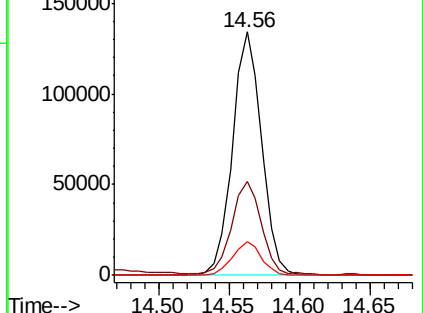
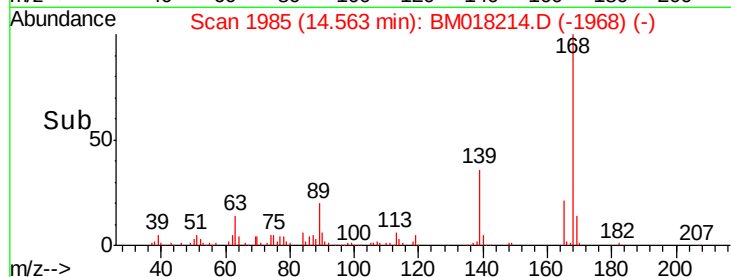
169 13.7 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

2,4-Dinitrotoluene

Concen: 6.392 ng

RT: 14.57 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:165 Resp: 48857

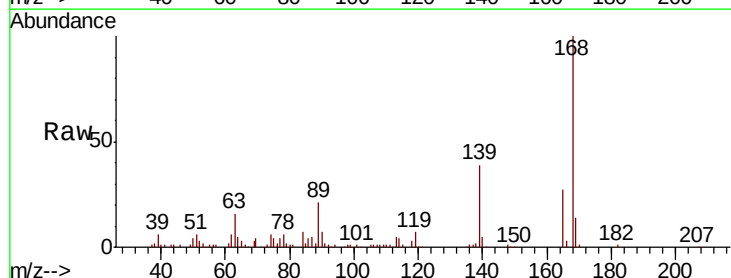
Ion Ratio Lower Upper

165 100

63 59.1 47.2 70.8

89 76.2 65.8 98.8

182 4.1 2.2 3.4#

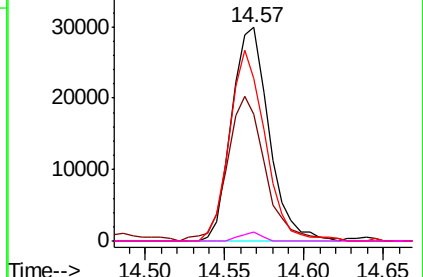
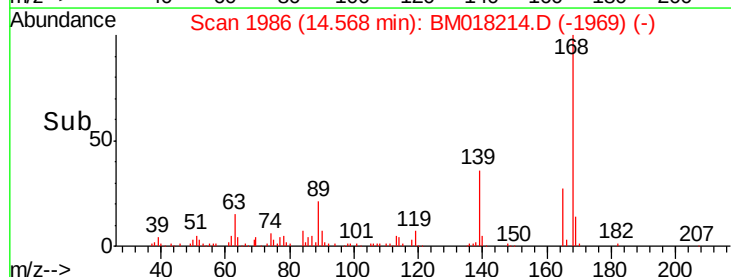


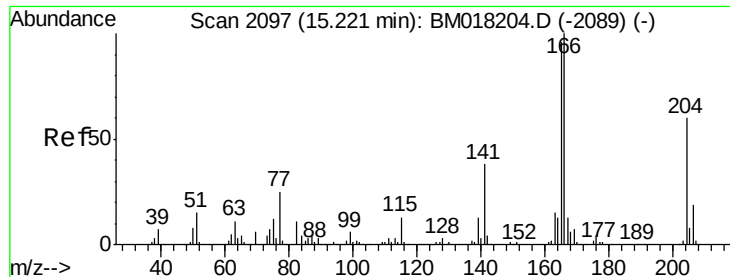
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 6.816 ng

RT: 15.22 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

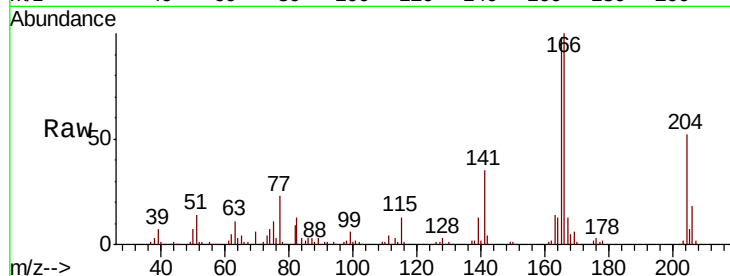
Tgt Ion:166 Resp: 156085

Ion Ratio Lower Upper

166 100

165 98.0 76.9 115.3

167 12.8 10.5 15.7

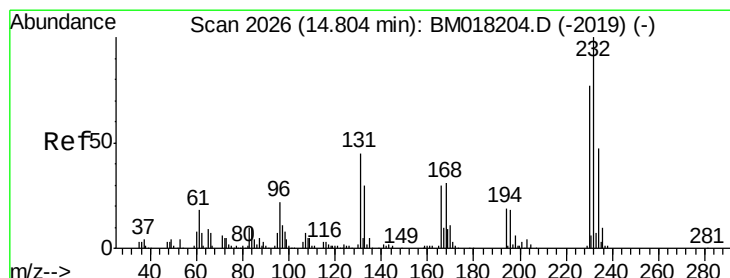
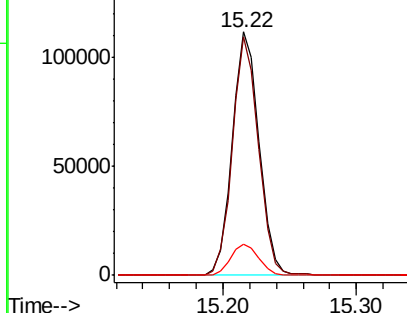
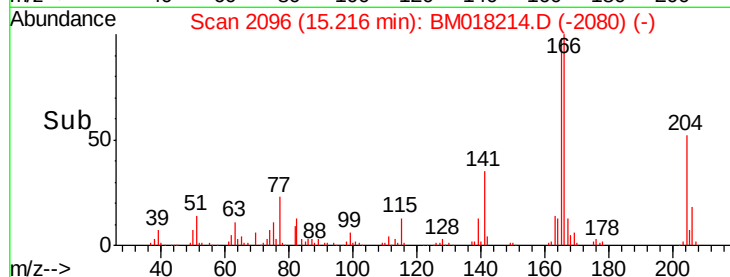


Abundance

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



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.547 ng

RT: 14.80 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion:232 Resp: 22694

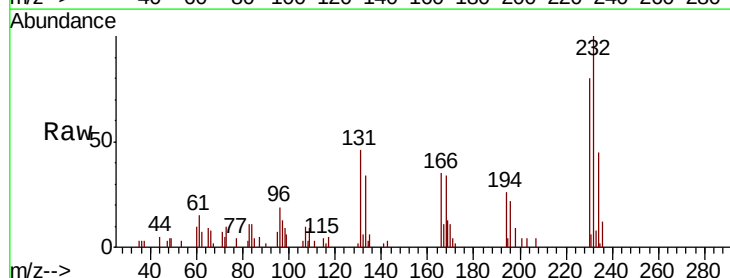
Ion Ratio Lower Upper

232 100

131 44.4 36.2 54.2

130 1.1 1.8 2.6#

166 30.7 24.8 37.2



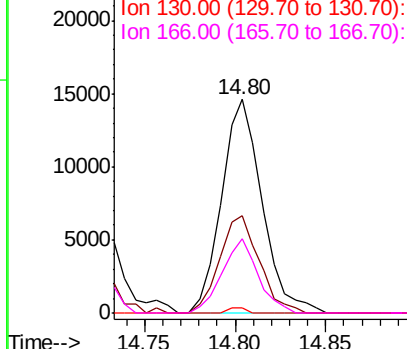
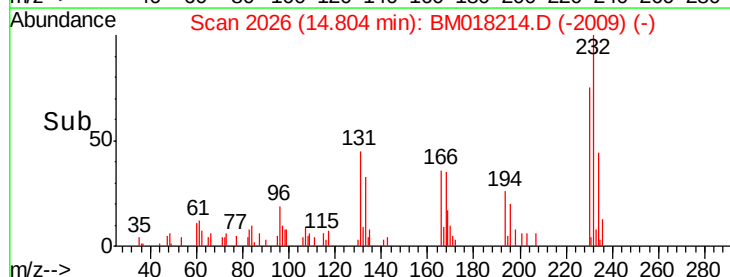
Abundance

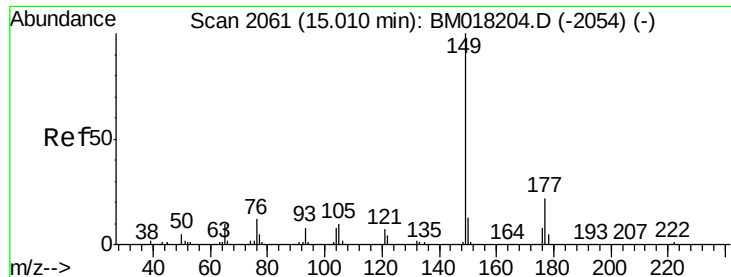
Ion 232.00 (231.70 to 232.70): E

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

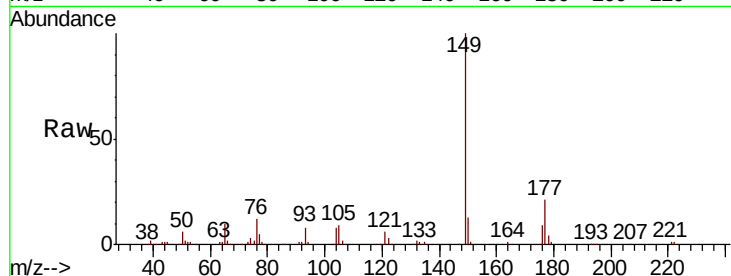




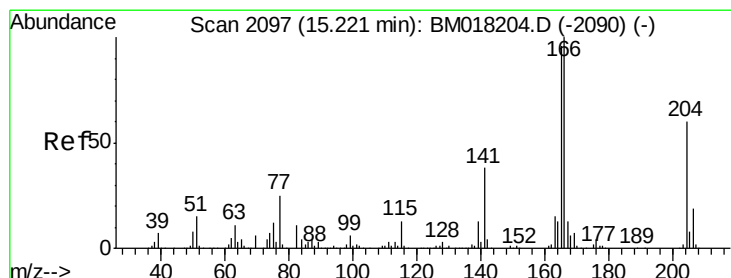
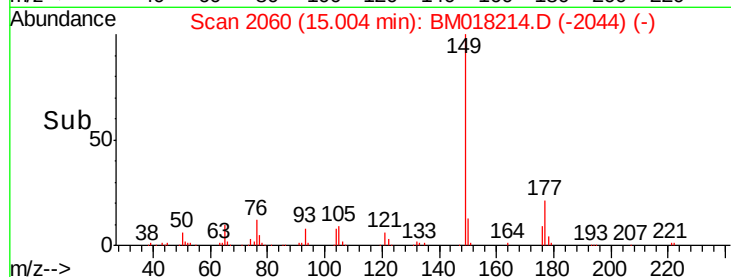
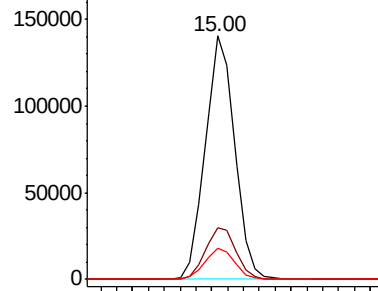
#60  
Diethylphthalate  
Concen: 6.653 ng  
RT: 15.00 min Scan# 2060  
Delta R.T. -0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

Instrument :  
BNA\_M  
ClientSampleId :  
P001-SW001-01MSD

Tgt Ion:149 Resp: 180598  
Ion Ratio Lower Upper  
149 100  
177 21.2 17.8 26.8  
150 12.9 10.3 15.5

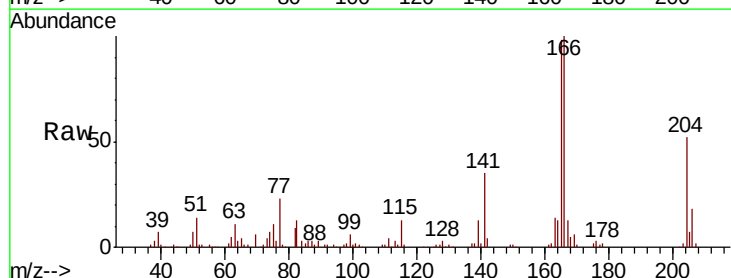


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

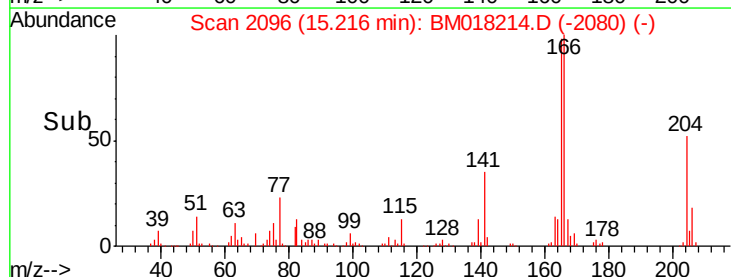
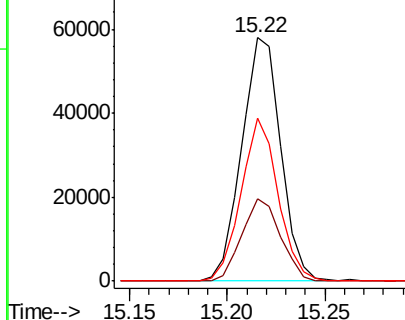


#61  
4-Chlorophenyl-phenylether  
Concen: 6.213 ng  
RT: 15.22 min Scan# 2096  
Delta R.T. -0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

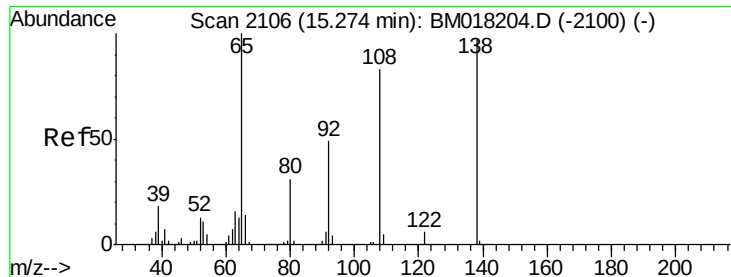
Tgt Ion:204 Resp: 80466  
Ion Ratio Lower Upper  
204 100  
206 33.9 25.8 38.6  
141 66.7 50.2 75.4



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E







#62

4-Nitroaniline

Concen: 6.129 ng

RT: 15.27 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

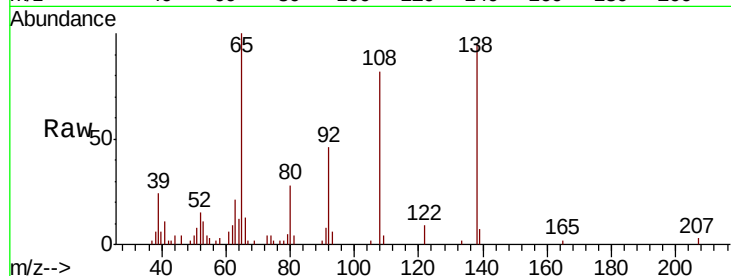
Tgt Ion:138 Resp: 33845

Ion Ratio Lower Upper

138 100

92 48.4 31.1 71.1

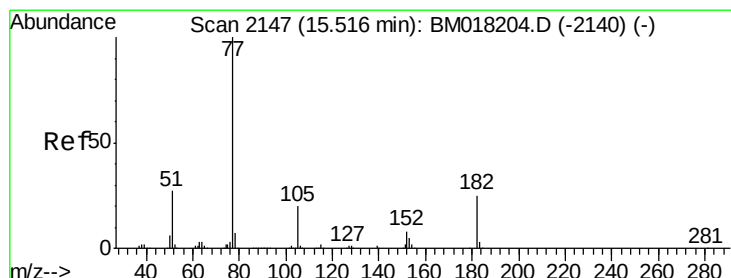
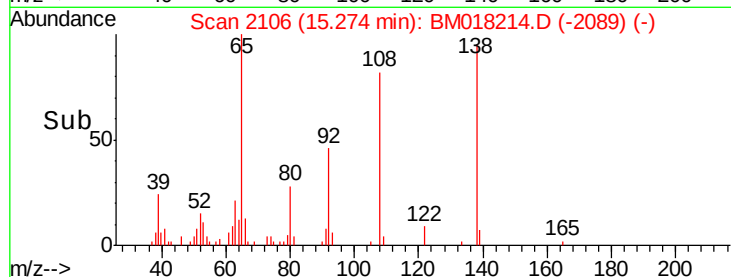
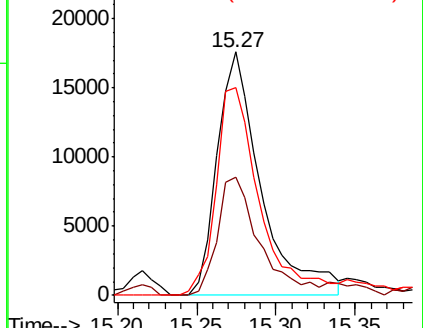
108 85.5 65.0 105.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 6.699 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Tgt Ion: 77 Resp: 165823

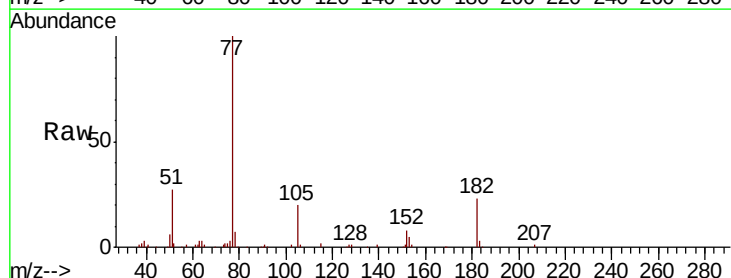
Ion Ratio Lower Upper

77 100

182 22.9 4.6 44.6

105 19.9 0.2 40.2

51 27.3 7.0 47.0

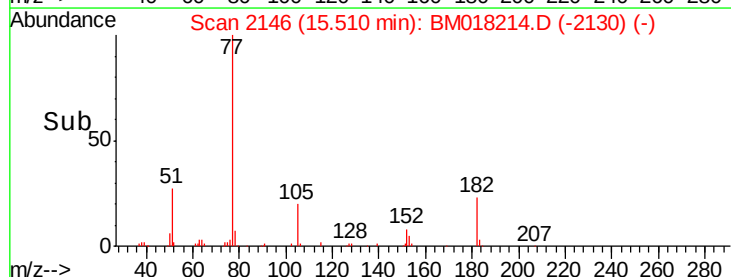
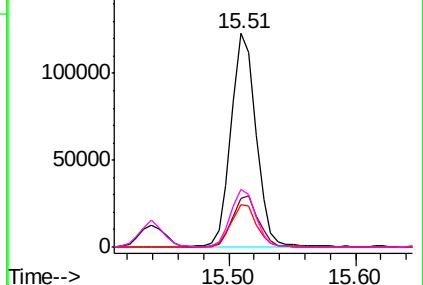


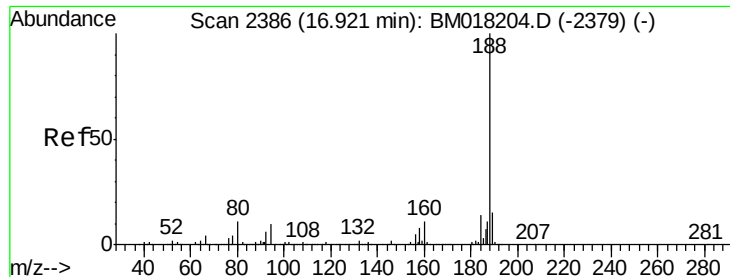
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

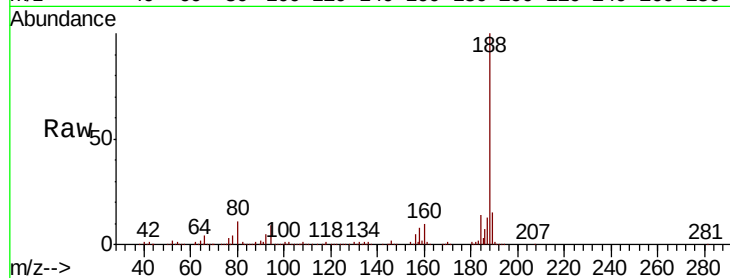
Tgt Ion:188 Resp: 661017

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 10.6 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

600000

400000

200000

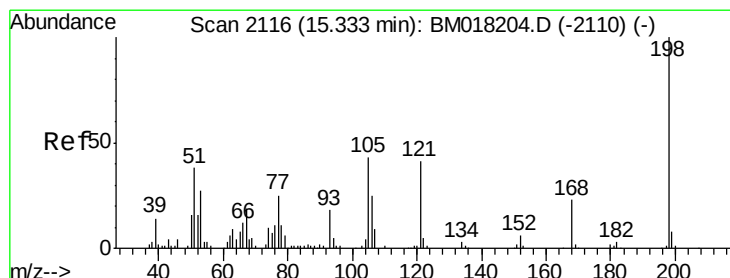
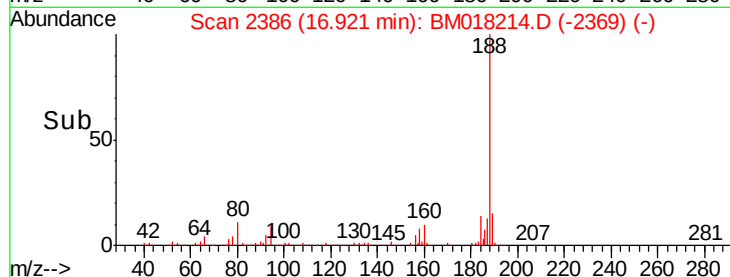
0

16.92

16.90

17.00

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 2.236 ng

RT: 15.34 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

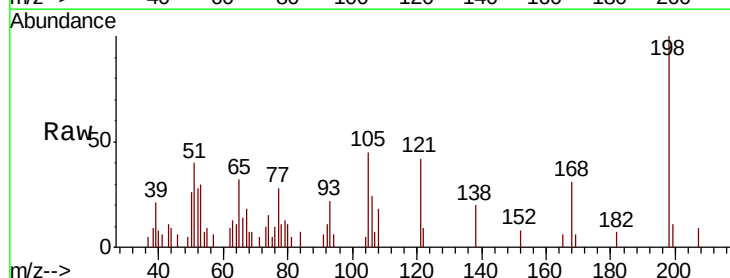
Tgt Ion:198 Resp: 10879

Ion Ratio Lower Upper

198 100

51 39.9 18.6 58.6

105 45.2 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

8000

6000

4000

2000

0

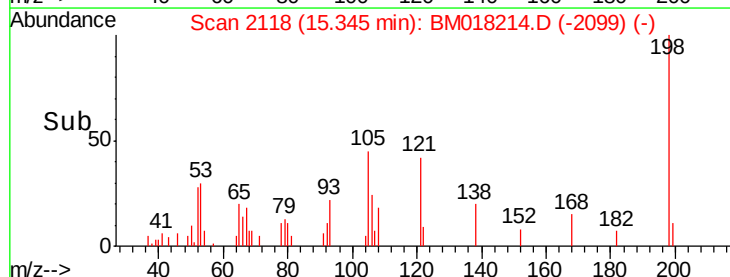
15.34

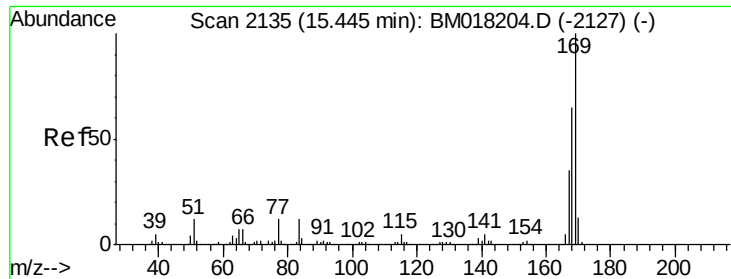
15.30

15.35

15.40

Time-->

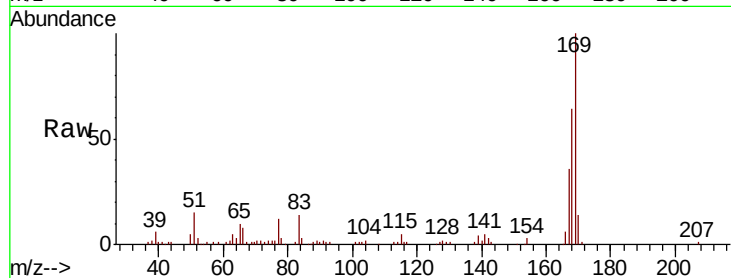




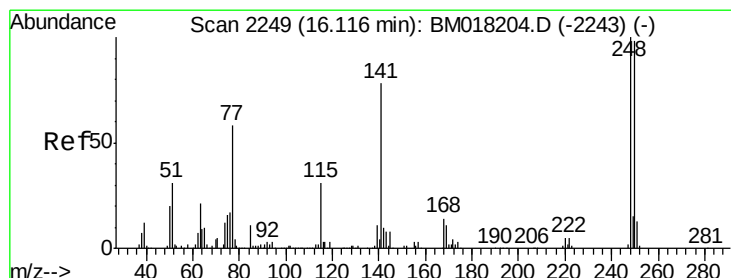
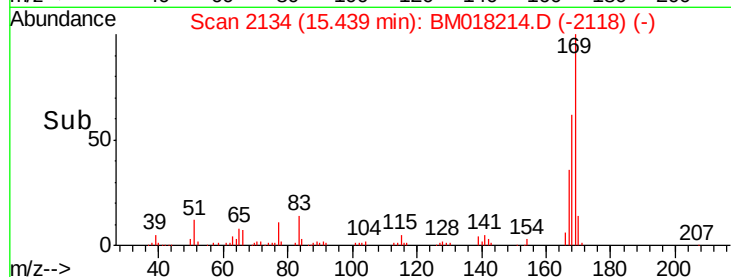
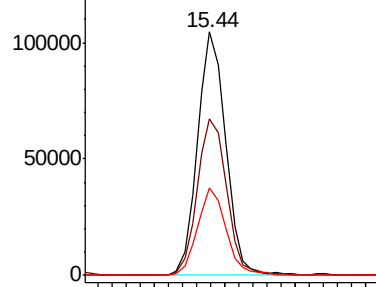
#66  
 n-Nitrosodiphenylamine  
 Concen: 6.645 ng  
 RT: 15.44 min Scan# 2134  
 Delta R.T. -0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 64.1  | 52.2  | 78.4  |
| 167     | 35.7  | 27.6  | 41.4  |

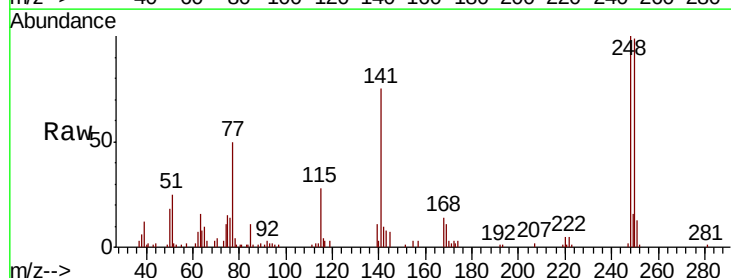


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

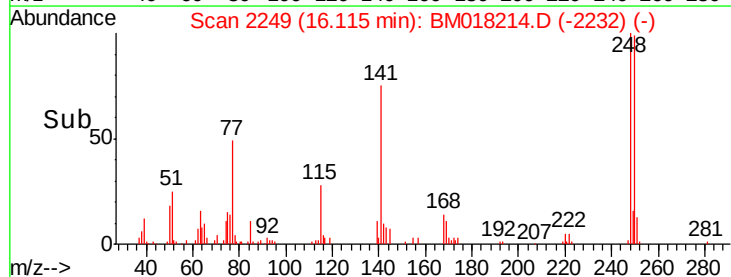
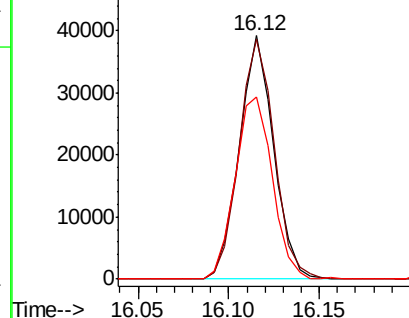


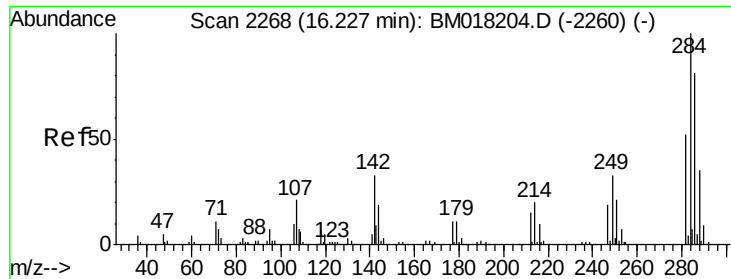
#67  
 4-Bromophenyl-phenylether  
 Concen: 6.470 ng  
 RT: 16.12 min Scan# 2249  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.6  | 78.7  | 118.1 |
| 141     | 75.0  | 62.2  | 93.4  |



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





#68

Hexachlorobenzene

Concen: 6.660 ng

RT: 16.22 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

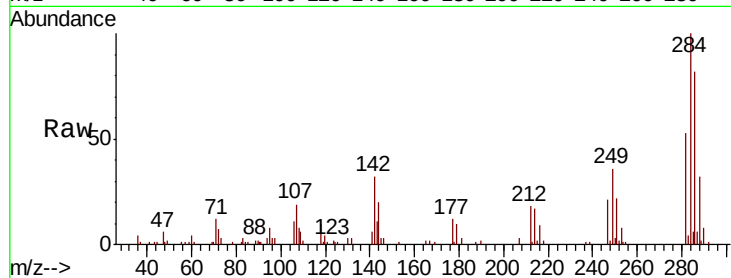
Tgt Ion:284 Resp: 58410

Ion Ratio Lower Upper

284 100

142 32.3 26.2 39.4

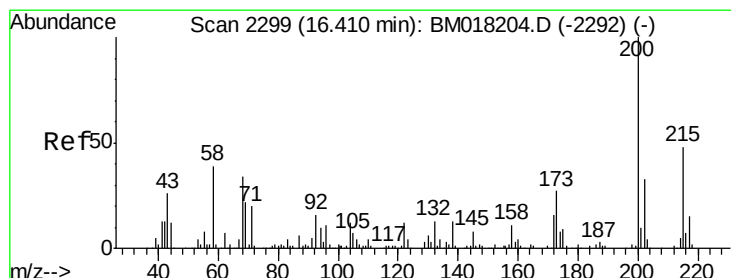
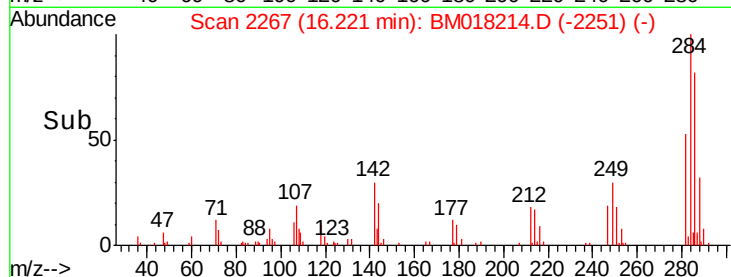
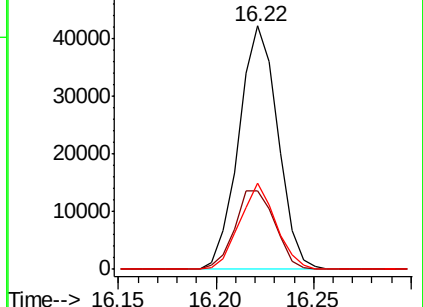
249 35.6 26.2 39.2



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



#69

Atrazine

Concen: 7.754 ng

RT: 16.40 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

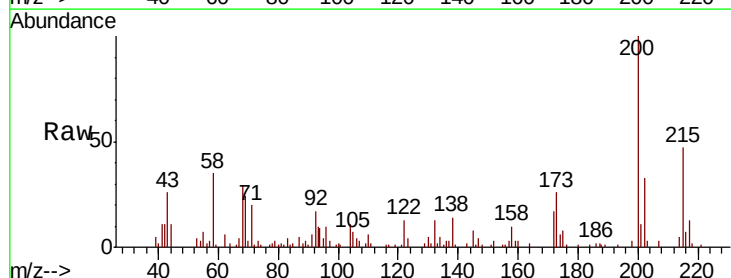
Tgt Ion:200 Resp: 57221

Ion Ratio Lower Upper

200 100

173 26.4 6.9 46.9

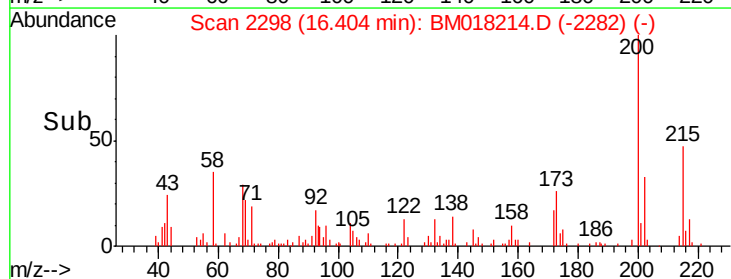
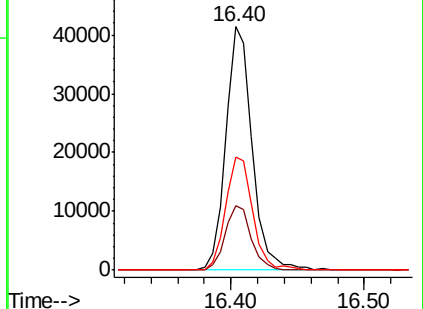
215 46.6 27.9 67.9

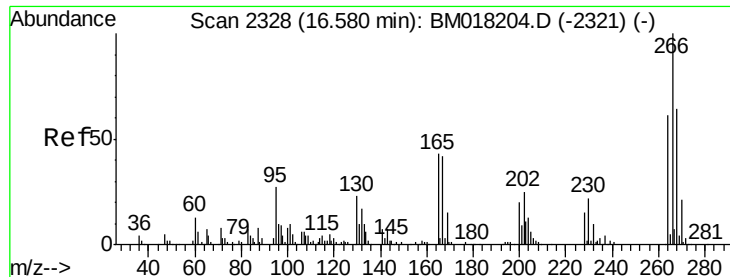


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 5.360 ng

RT: 16.59 min Scan# 2329

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

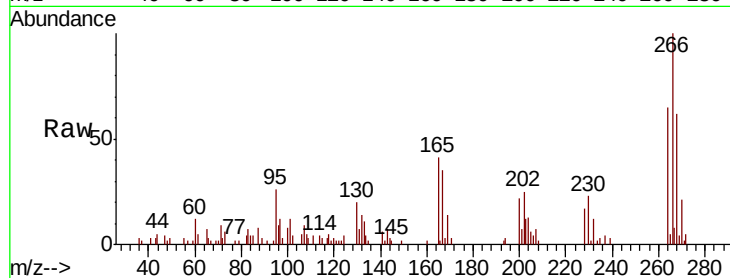
Tgt Ion:266 Resp: 31044

Ion Ratio Lower Upper

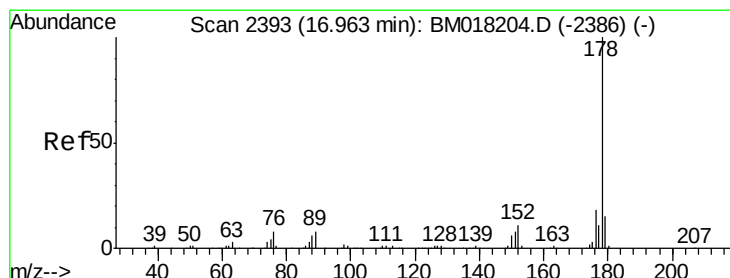
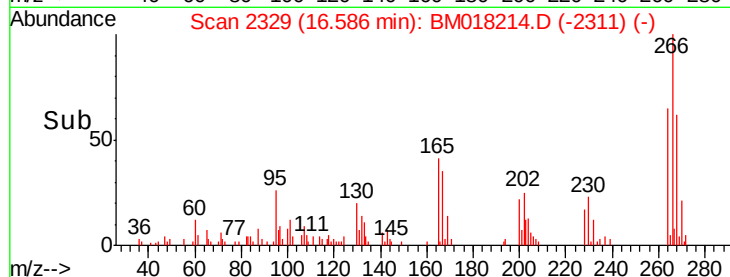
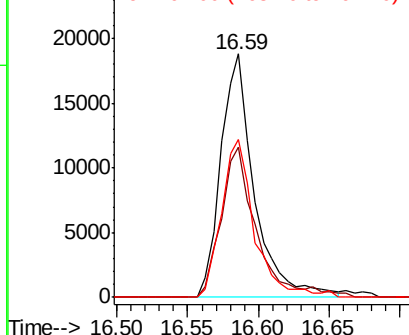
266 100

268 61.9 51.1 76.7

264 64.6 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



#71

Phenanthrene

Concen: 7.246 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

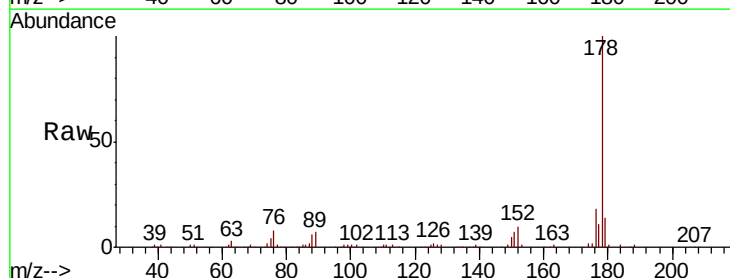
Tgt Ion:178 Resp: 260172

Ion Ratio Lower Upper

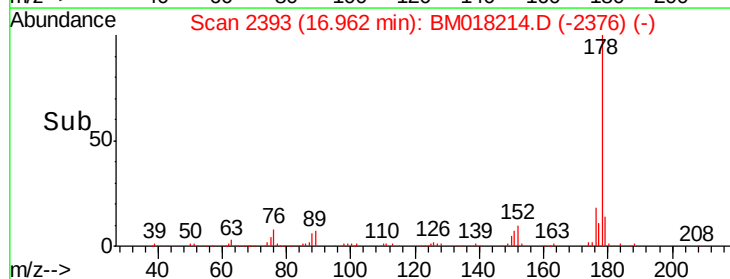
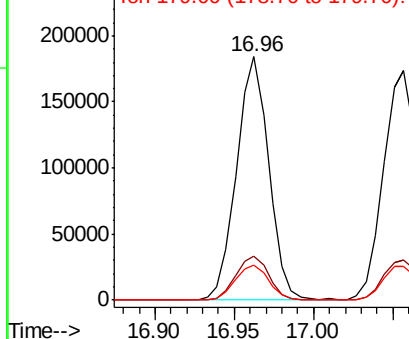
178 100

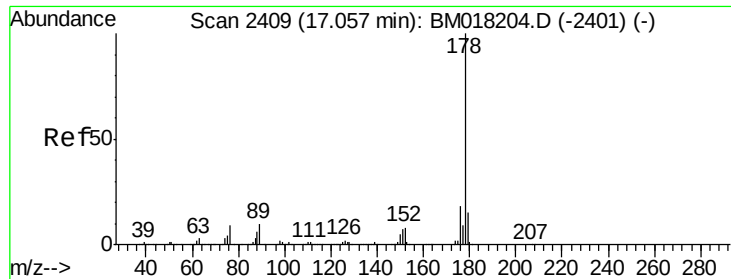
176 18.2 14.7 22.1

179 14.4 12.0 18.0



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

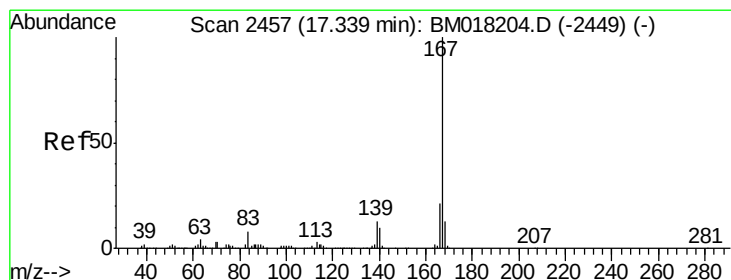
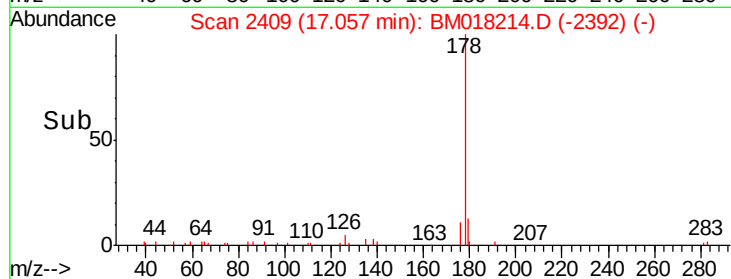
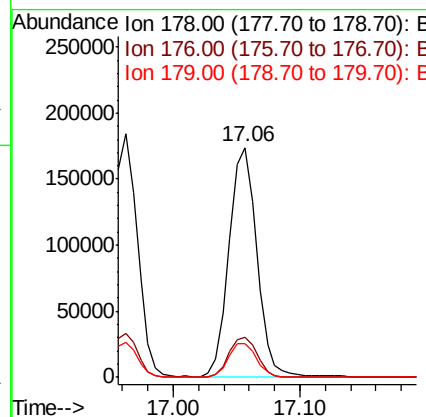
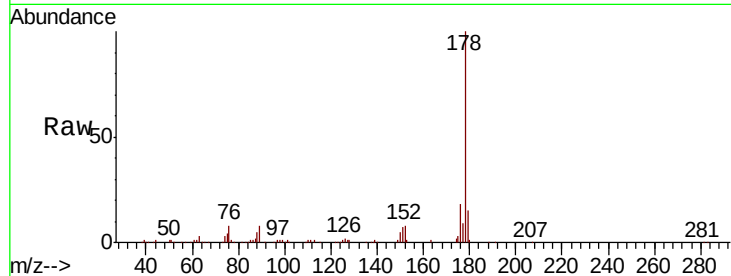




#72  
 Anthracene  
 Concen: 7.397 ng  
 RT: 17.06 min Scan# 2409  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

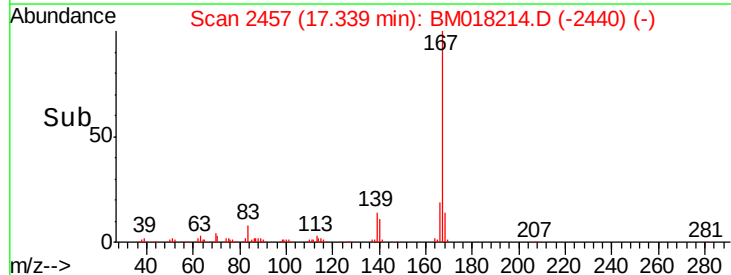
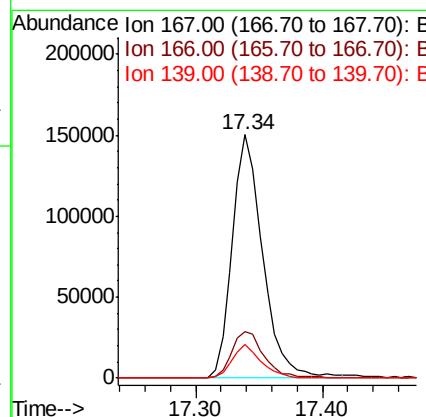
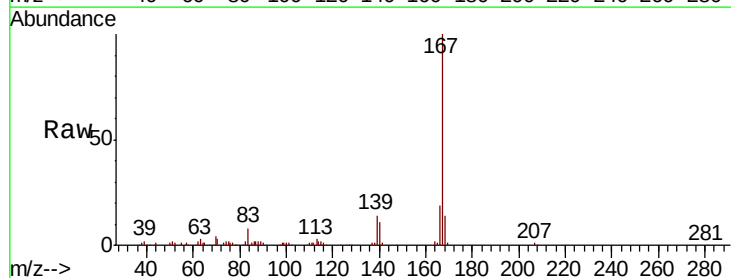
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

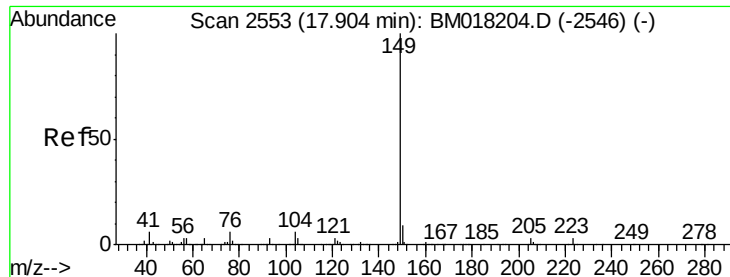
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.7  | 14.3  | 21.5  |
| 179     | 14.9  | 12.0  | 18.0  |



#73  
 Carbazole  
 Concen: 6.840 ng  
 RT: 17.34 min Scan# 2457  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 18.9  | 16.8  | 25.2  |
| 139     | 13.8  | 10.3  | 15.5  |





#74

Di-n-butylphthalate

Concen: 7.204 ng

RT: 17.90 min Scan# 2553

Delta R.T. -0.00 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

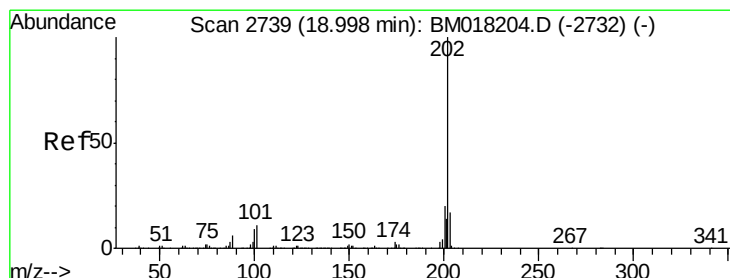
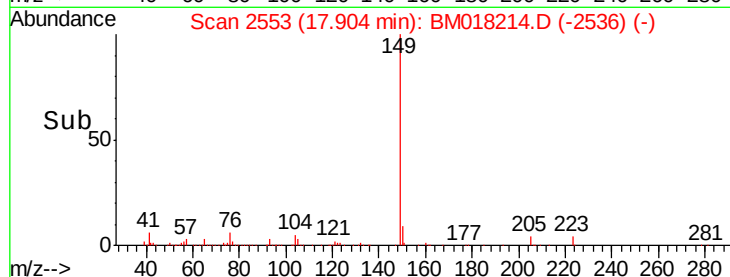
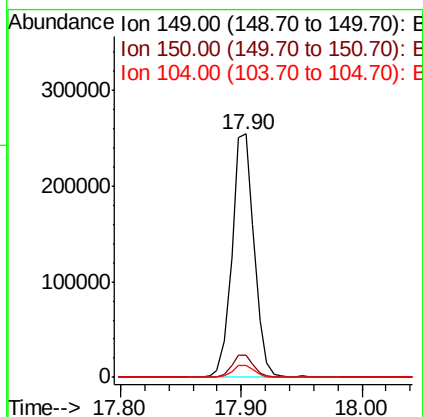
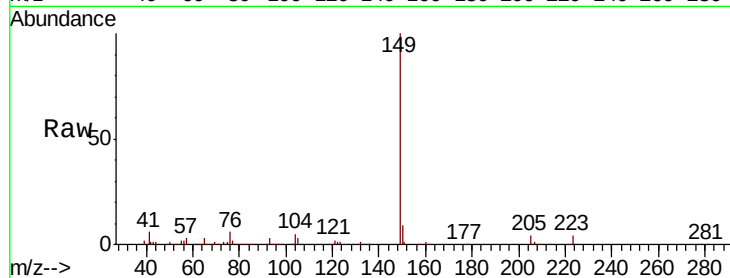
Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 324987 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.9   | 7.3   | 10.9   |
| 104       | 5.0   | 4.8   | 7.2    |



#75

Fluoranthene

Concen: 7.808 ng

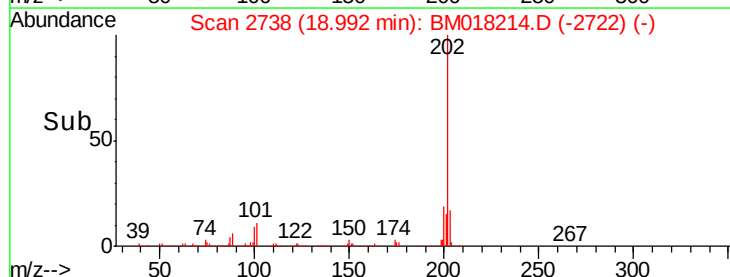
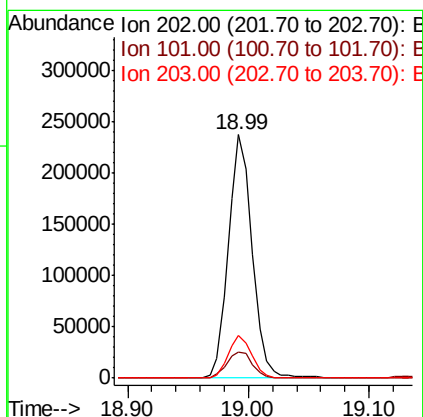
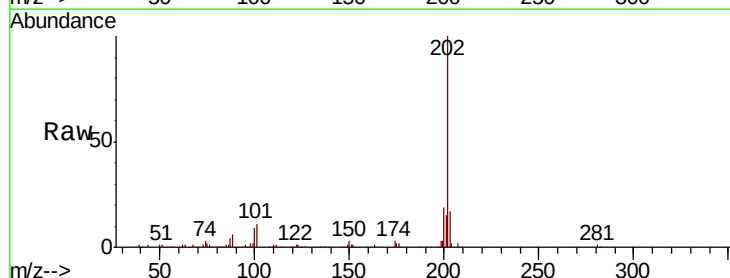
RT: 18.99 min Scan# 2738

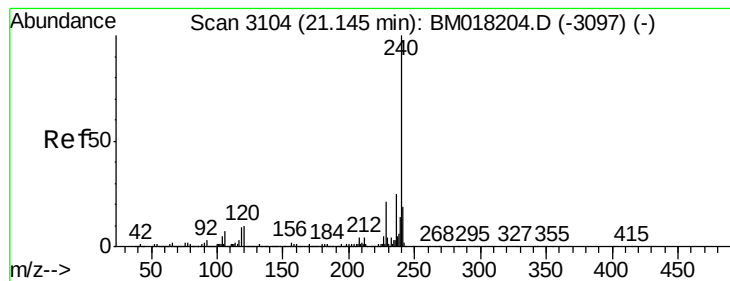
Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 325940 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.6  | 0.0   | 30.5   |
| 203       | 17.4  | 0.0   | 37.5   |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

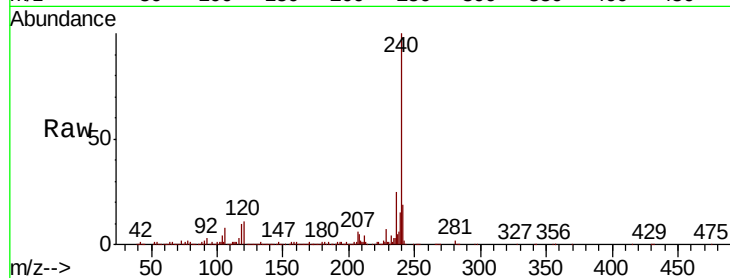
Tgt Ion:240 Resp: 730453

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

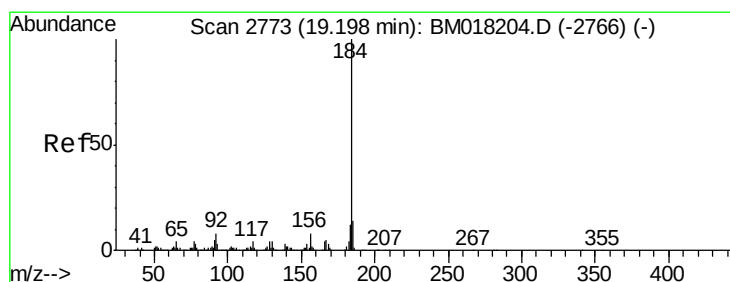
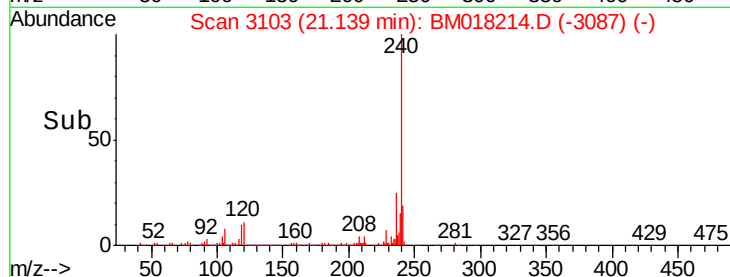
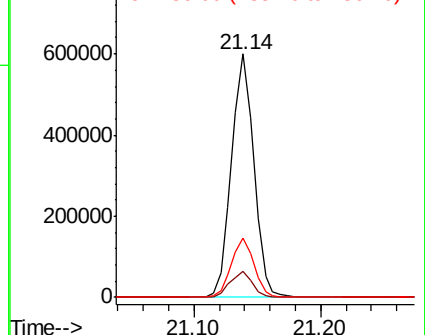
236 24.6 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 2.857 ng

RT: 19.21 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

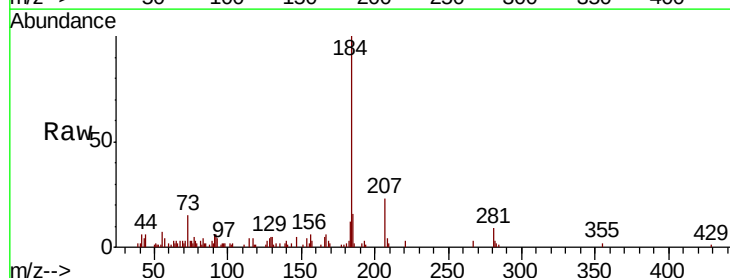
Tgt Ion:184 Resp: 52923

Ion Ratio Lower Upper

184 100

185 16.0 11.4 17.2

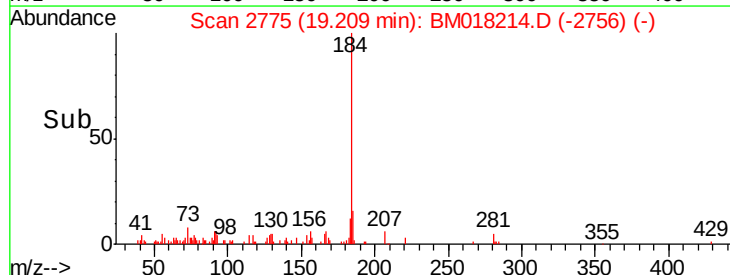
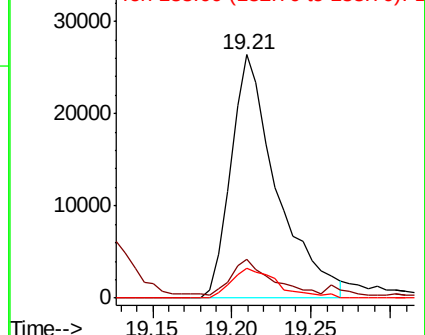
183 12.3 9.7 14.5



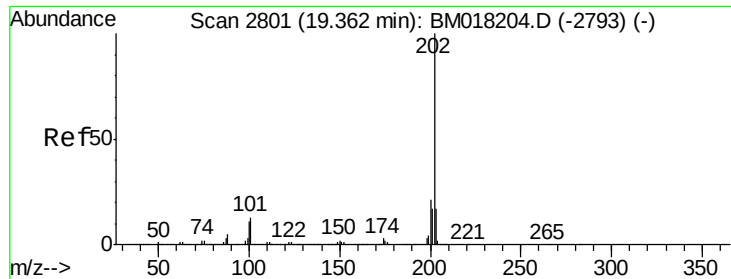
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



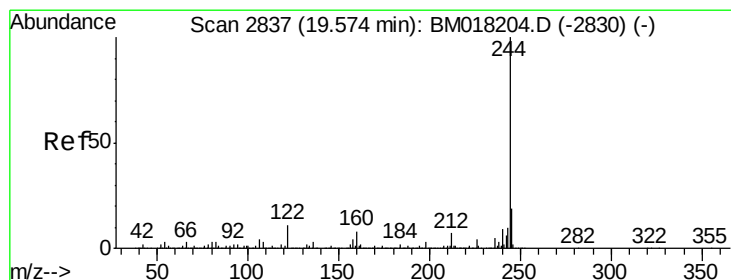
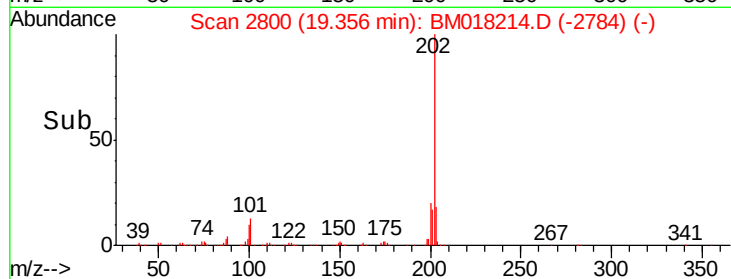
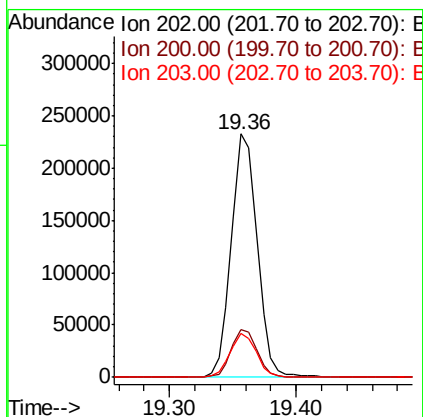
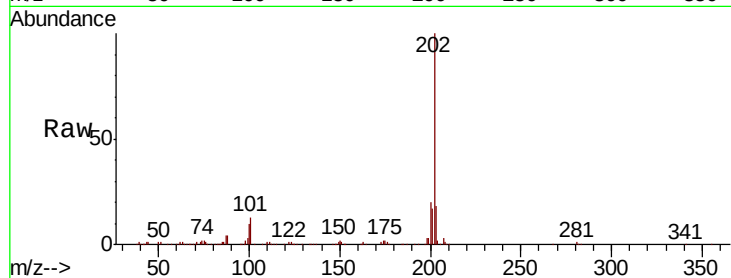




#78  
 Pyrene  
 Concen: 7.554 ng  
 RT: 19.36 min Scan# 2800  
 Delta R.T. -0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

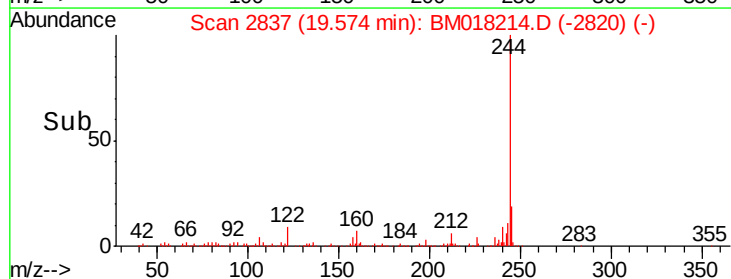
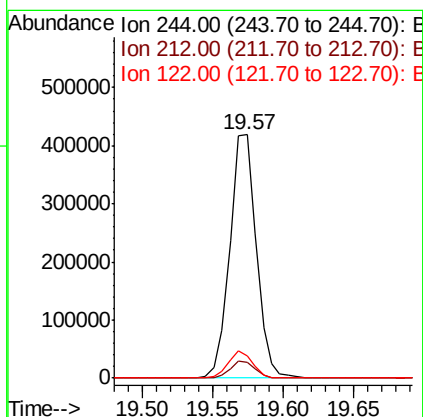
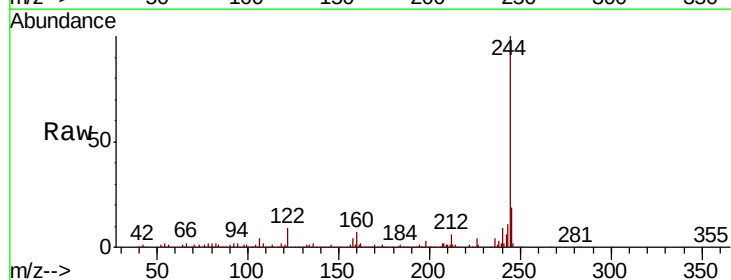
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

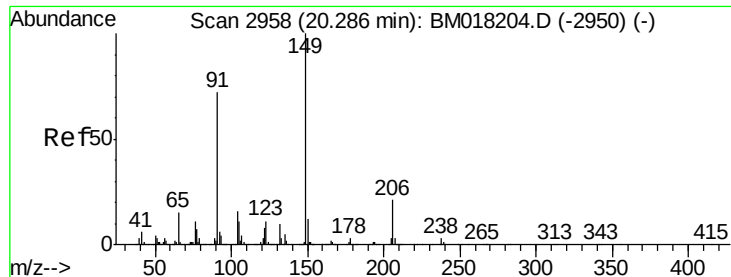
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 19.5  | 16.5  | 24.7  |
| 203     | 18.2  | 14.0  | 21.0  |



#79  
 Terphenyl-d14  
 Concen: 16.983 ng  
 RT: 19.57 min Scan# 2837  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.5   | 5.8   | 8.8   |
| 122     | 9.0   | 9.0   | 13.6  |

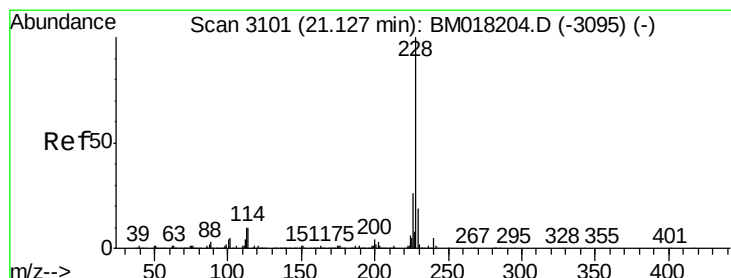
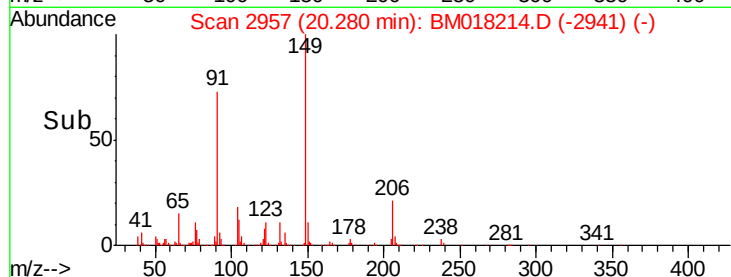
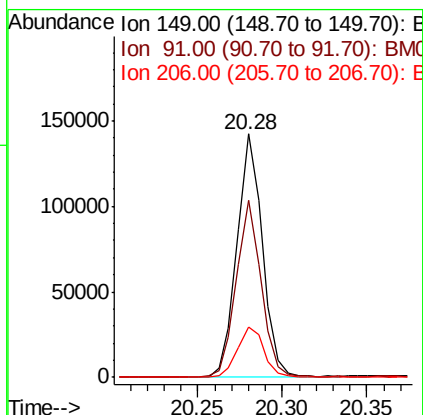
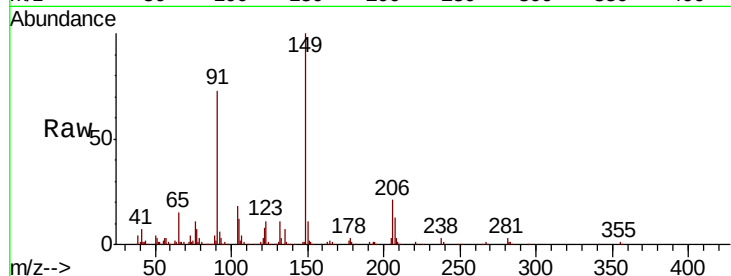




#80  
Butylbenzylphthalate  
Concen: 7.251 ng  
RT: 20.28 min Scan# 2957  
Delta R.T. -0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

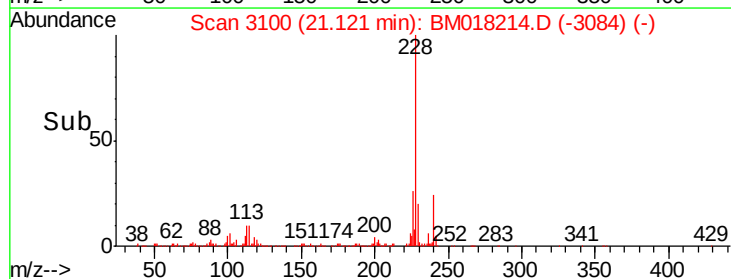
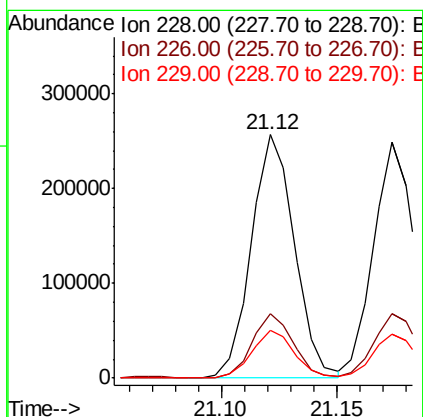
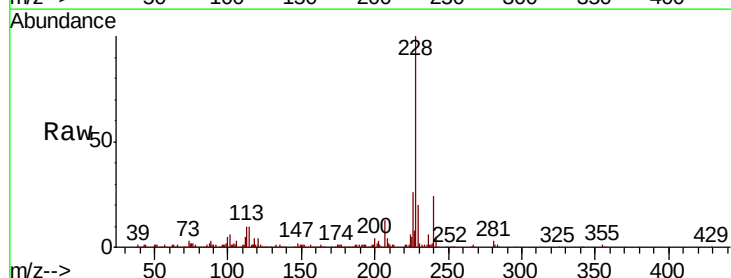
Instrument :  
BNA\_M  
ClientSampleId :  
P001-SW001-01MSD

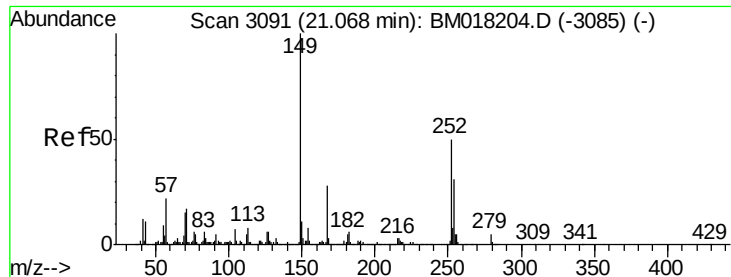
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.5  | 57.4  | 86.2  |
| 206     | 20.7  | 17.0  | 25.4  |



#81  
Benzo(a)anthracene  
Concen: 7.836 ng  
RT: 21.12 min Scan# 3100  
Delta R.T. -0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.2  | 21.0  | 31.4  |
| 229     | 19.6  | 15.5  | 23.3  |

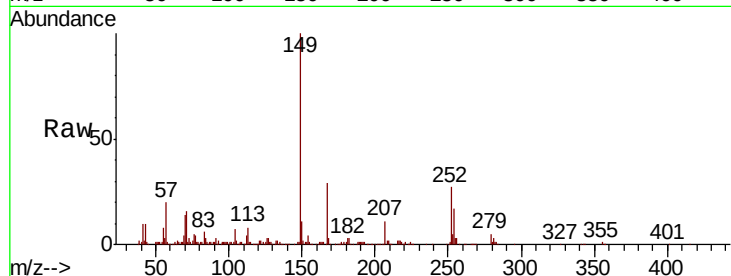




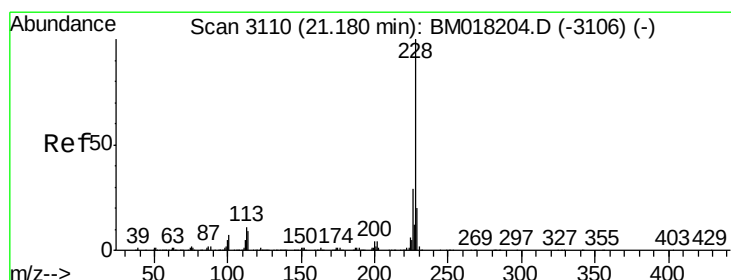
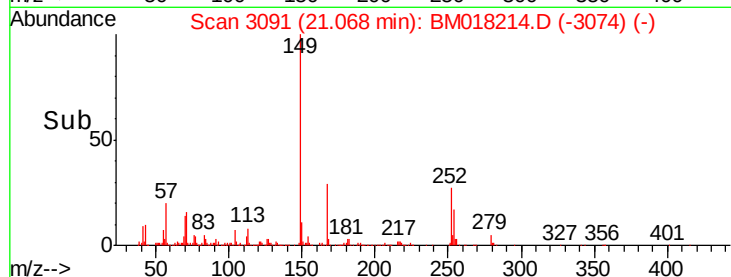
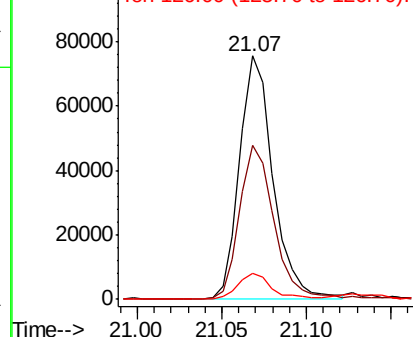
#82  
 3,3'-Dichlorobenzidine  
 Concen: 6.161 ng  
 RT: 21.07 min Scan# 3091  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

Tgt Ion: 252 Resp: 105018  
 Ion Ratio Lower Upper  
 252 100  
 254 63.2 50.4 75.6  
 126 10.9 9.4 14.0

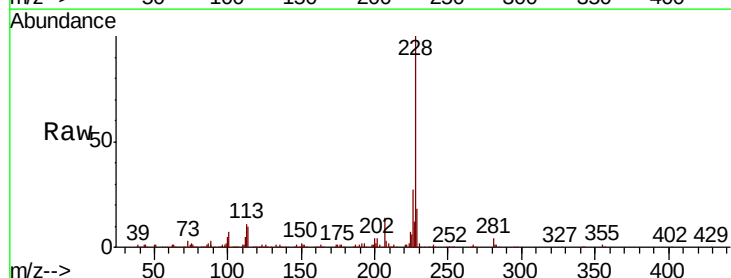


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

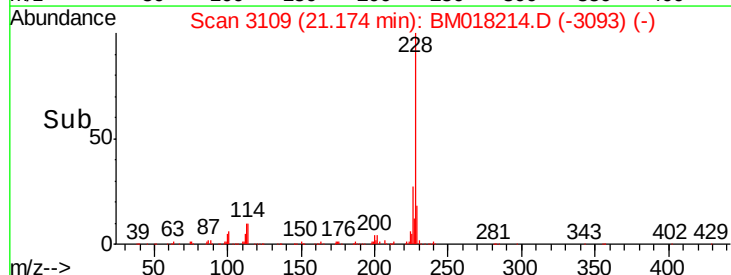
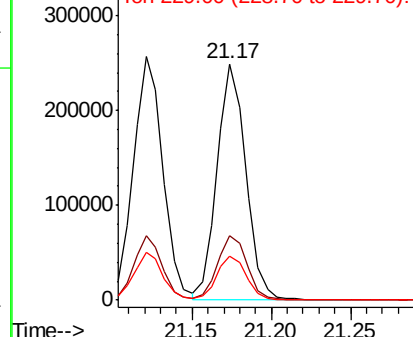


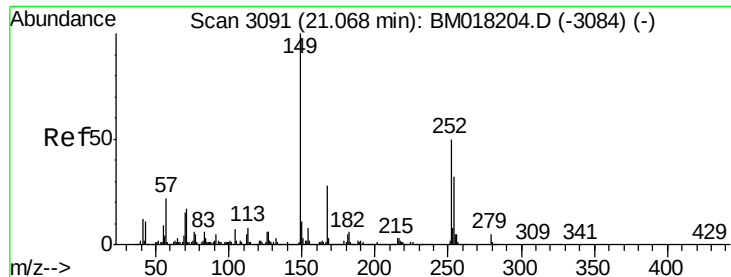
#83  
 Chrysene  
 Concen: 7.646 ng  
 RT: 21.17 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Tgt Ion: 228 Resp: 313800  
 Ion Ratio Lower Upper  
 228 100  
 226 27.4 23.1 34.7  
 229 18.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.628 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

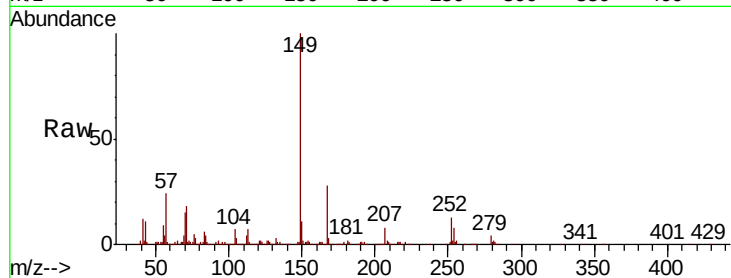
Tgt Ion:149 Resp: 420561

Ion Ratio Lower Upper

149 100

167 27.7 22.7 34.1

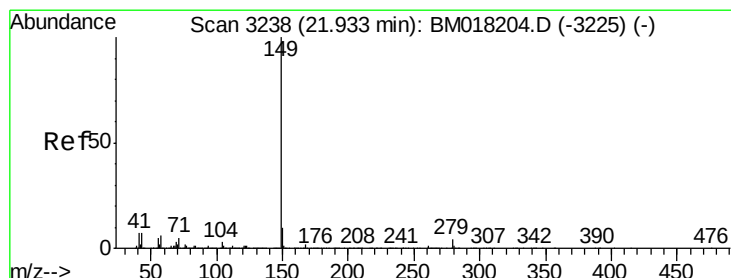
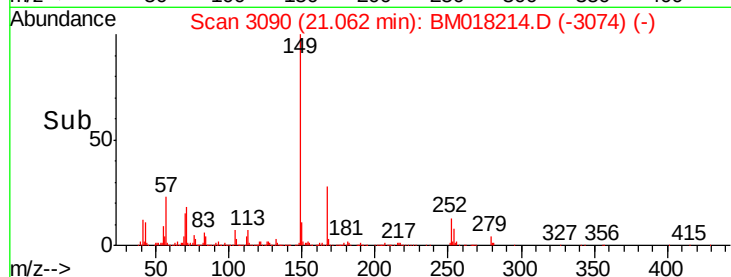
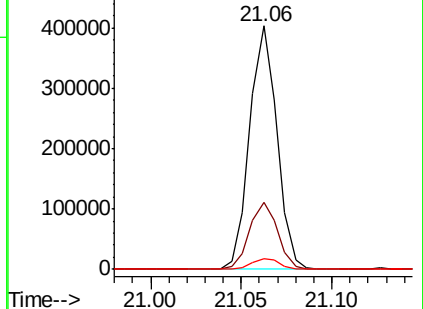
279 4.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 7.818 ng

RT: 21.93 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

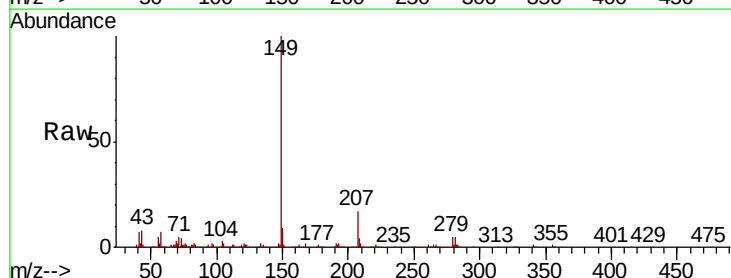
Tgt Ion:149 Resp: 395123

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

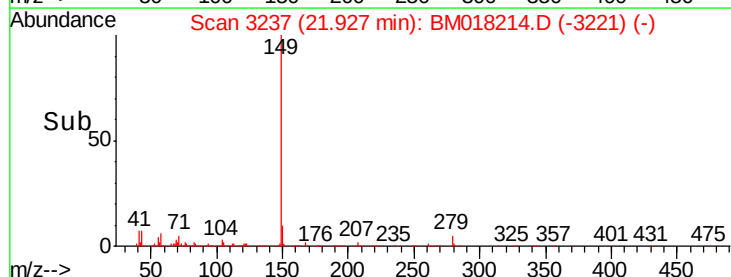
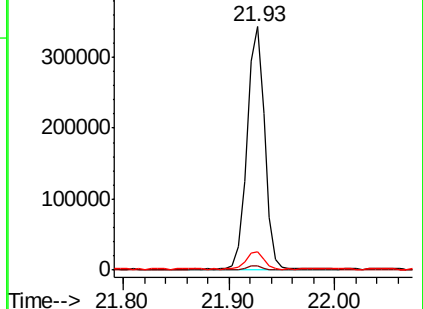
43 7.3 6.2 9.4

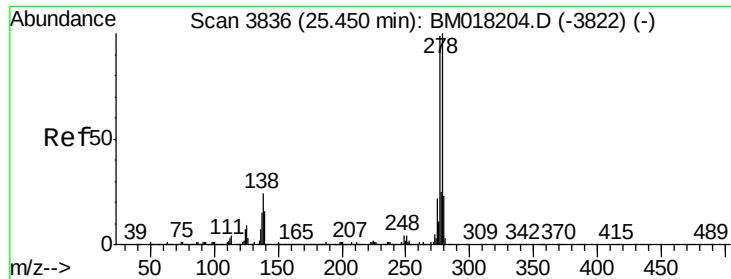


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BMO

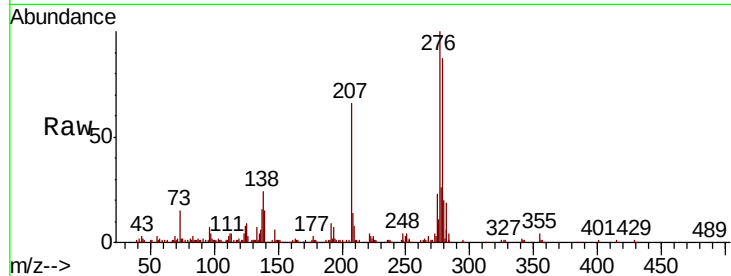




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 7.992 ng  
 RT: 25.44 min Scan# 3834  
 Delta R.T. -0.01 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SW001-01MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.4  | 18.6  | 28.0  |
| 277     | 25.3  | 20.3  | 30.5  |

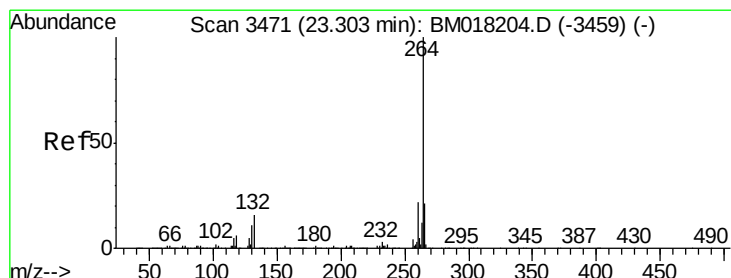
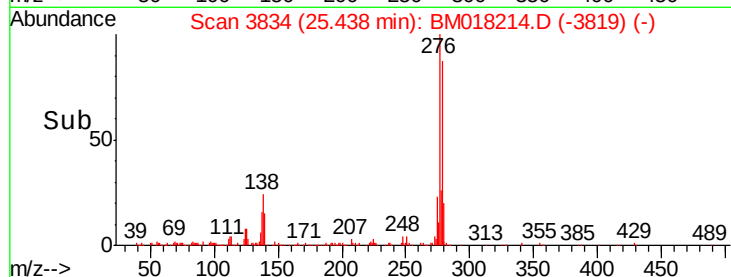
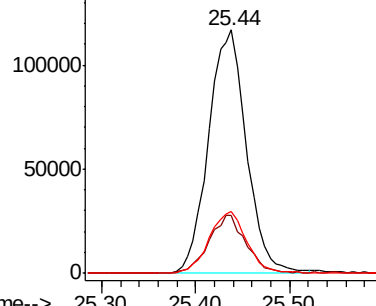


Abundance

Ion 276.00 (275.70 to 276.70): E

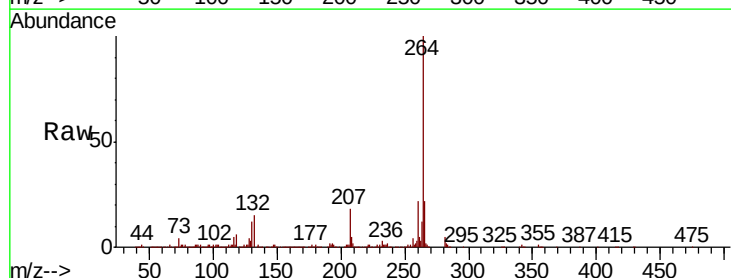
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.30 min Scan# 3471  
 Delta R.T. -0.00 min  
 Lab File: BM018214.D  
 Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.4  | 17.5  | 26.3  |
| 265     | 22.4  | 17.3  | 25.9  |

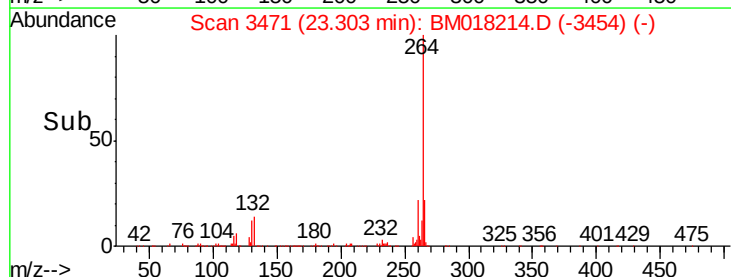
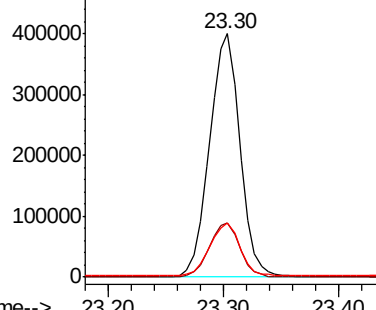


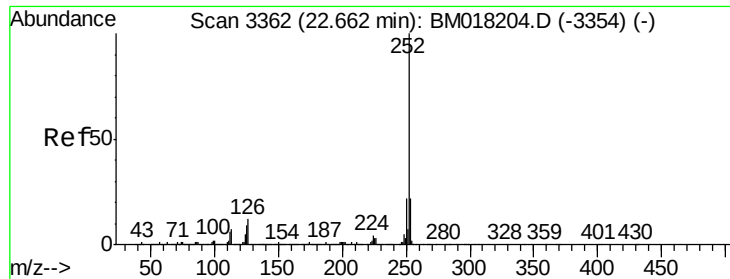
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

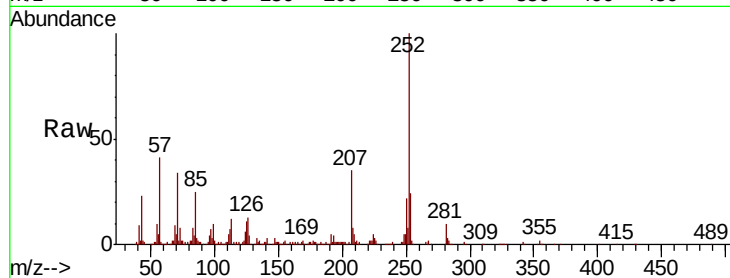




#88  
Benzo(b)fluoranthene  
Concen: 7.891 ng  
RT: 22.66 min Scan# 3361  
Delta R.T. -0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

Instrument :  
BNA\_M  
ClientSampleId :  
P001-SW001-01MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 17.6  | 26.4  |
| 125     | 10.8  | 7.4   | 11.0  |

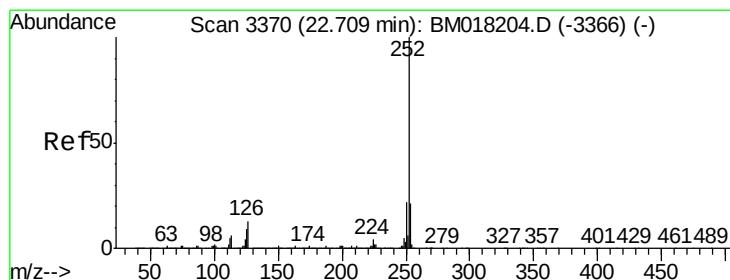
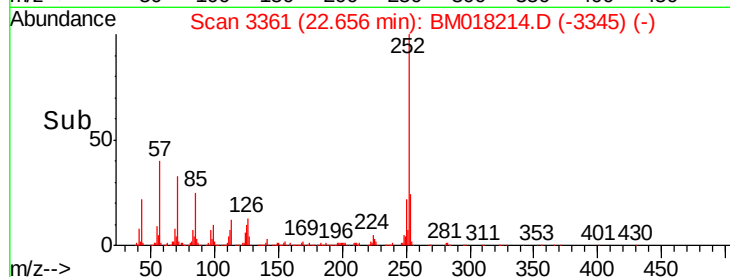
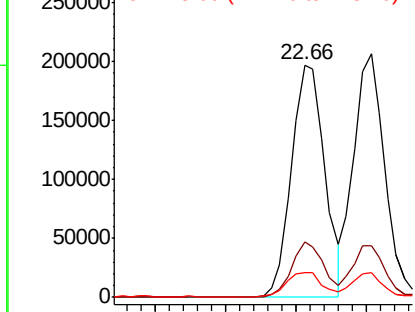


Abundance

Ion 252.00 (251.70 to 252.70): E

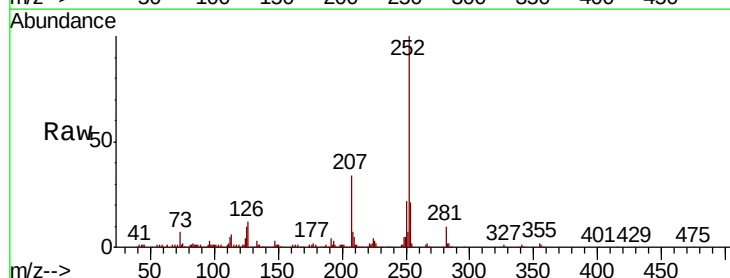
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89  
Benzo(k)fluoranthene  
Concen: 7.661 ng  
RT: 22.70 min Scan# 3369  
Delta R.T. -0.01 min  
Lab File: BM018214.D  
Acq: 15 Dec 2018 21:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 16.9  | 25.3  |
| 125     | 10.0  | 7.5   | 11.3  |

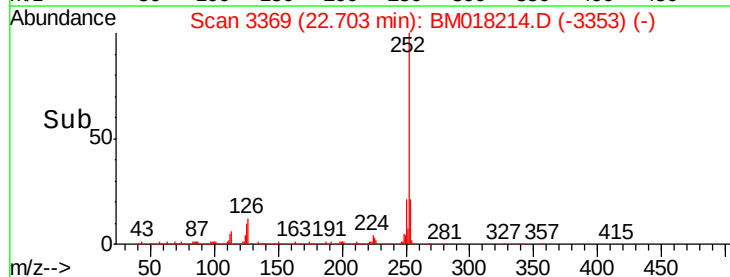
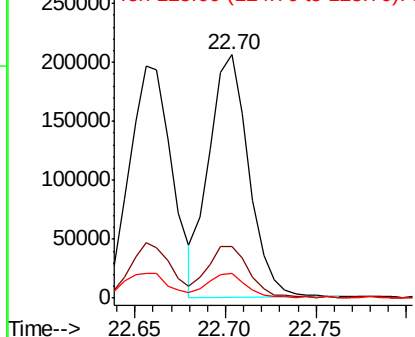


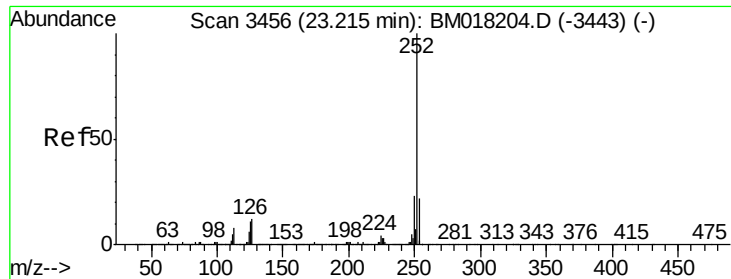
Abundance

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

Benzo(a)pyrene

Concen: 7.816 ng

RT: 23.20 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

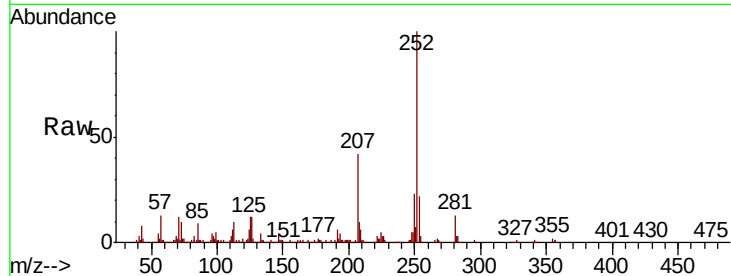
Tgt Ion: 252 Resp: 305852

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.7 8.6 12.8

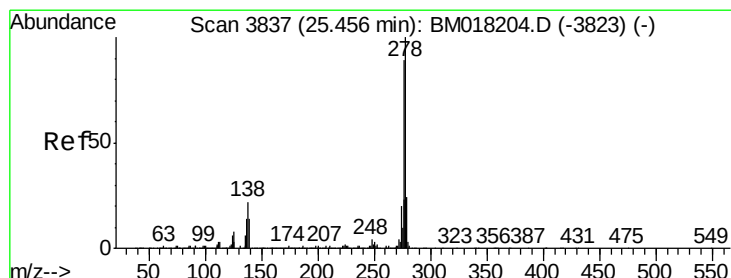
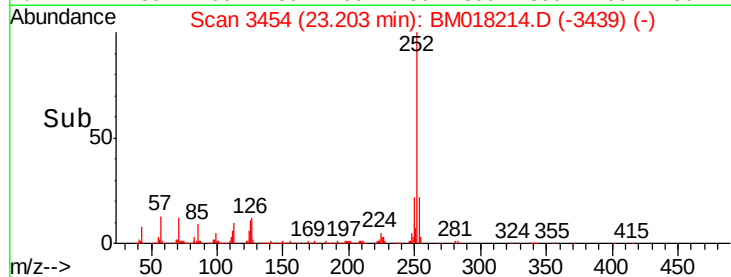
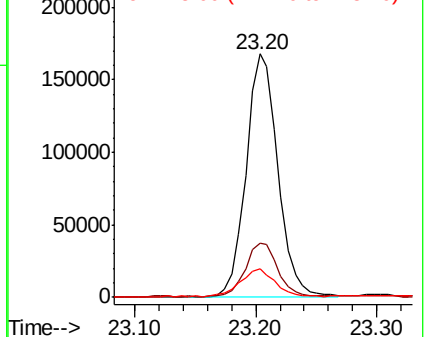


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 7.567 ng

RT: 25.44 min Scan# 3834

Delta R.T. -0.02 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

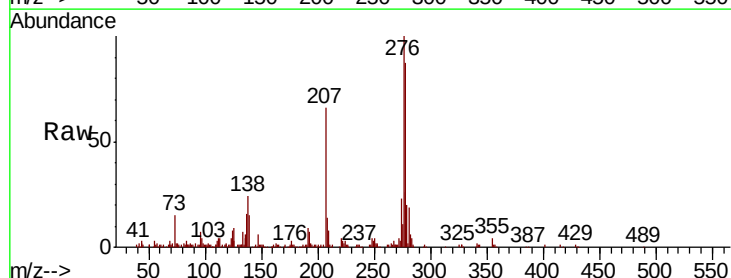
Tgt Ion: 278 Resp: 274294

Ion Ratio Lower Upper

278 100

139 17.3 11.6 17.4

279 22.5 19.2 28.8

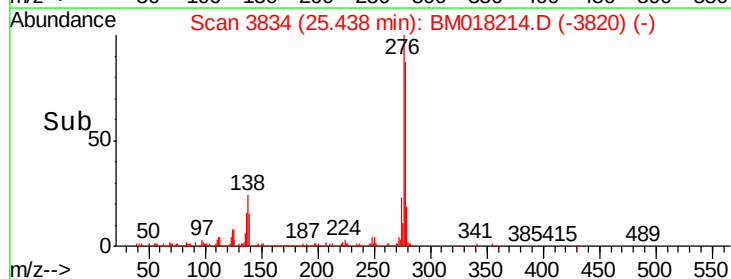
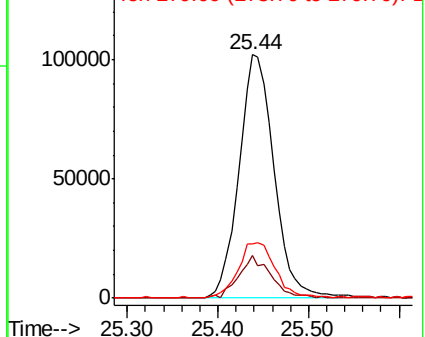


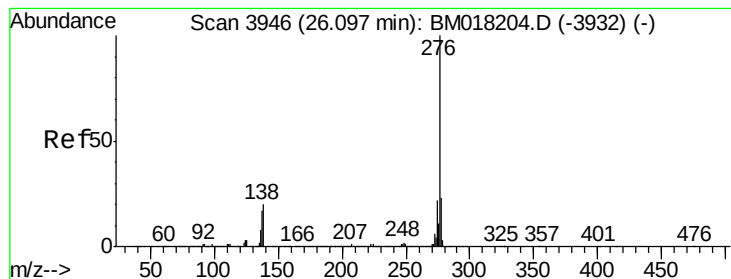
Abundance

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





#92

Benzo(g,h,i)perylene

Concen: 7.775 ng

RT: 26.09 min Scan# 3944

Delta R.T. -0.01 min

Lab File: BM018214.D

Acq: 15 Dec 2018 21:21

Instrument :

BNA\_M

ClientSampleId :

P001-SW001-01MSD

Tgt Ion: 276 Resp: 266411

Ion Ratio Lower Upper

276 100

277 25.0 18.7 28.1

138 20.4 15.8 23.8

