

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM111218\  
 Data File : BM017620.D  
 Acq On : 12 Nov 2018 19:32  
 Operator : MJ/SJ  
 Sample : J5863-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

Quant Time: Nov 13 03:29:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 224583   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.39 | 136  | 962012   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.26 | 164  | 574575   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.02 | 188  | 1305868  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.22 | 240  | 1417536  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.41 | 264  | 1245075  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.24  | 112 | 1682649 | 126.44 | ng | 0.00 |
| 7) Phenol-d6             | 6.81  | 99  | 2297071 | 123.59 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.77  | 82  | 1453040 | 77.98  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.76 | 330 | 1015032 | 122.95 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.87 | 172 | 3330725 | 75.20  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.66 | 244 | 5005408 | 80.03  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 158087  | 28.524 | ng | 99     |
| 3) Pyridine                    | 3.61  | 79  | 435045  | 26.760 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.53  | 42  | 270762  | 37.809 | ng | 99     |
| 6) Aniline                     | 6.96  | 93  | 536961  | 23.297 | ng | 98     |
| 8) 2-Chlorophenol              | 7.19  | 128 | 594477  | 37.327 | ng | 99     |
| 9) Benzaldehyde                | 6.77  | 77  | 331447  | 24.481 | ng | 97     |
| 10) Phenol                     | 6.83  | 94  | 876270  | 44.918 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.06  | 93  | 518600  | 33.675 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.50  | 146 | 592577  | 33.164 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.65  | 146 | 613870  | 33.518 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.96  | 146 | 594768  | 33.492 | ng | 98     |
| 15) Benzyl Alcohol             | 7.86  | 79  | 541031  | 36.553 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.15  | 45  | 803022  | 34.248 | ng | 98     |
| 17) 2-Methylphenol             | 8.06  | 107 | 501821  | 38.185 | ng | 99     |
| 18) Hexachloroethane           | 8.67  | 117 | 220828  | 34.211 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.43  | 70  | 457974  | 34.318 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.39  | 107 | 679357  | 37.206 | ng | 98     |
| 22) Acetophenone               | 8.44  | 105 | 877495  | 36.547 | ng | # 99   |
| 24) Nitrobenzene               | 8.82  | 77  | 677439  | 35.831 | ng | 99     |
| 25) Isophorone                 | 9.33  | 82  | 1199582 | 41.679 | ng | 100    |
| 26) 2-Nitrophenol              | 9.52  | 139 | 315266  | 36.202 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.58  | 122 | 536615  | 42.755 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.82  | 93  | 750885  | 38.520 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.05 | 162 | 568779  | 39.039 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.25 | 180 | 593165  | 35.005 | ng | 99     |
| 31) Naphthalene                | 10.44 | 128 | 1812298 | 38.316 | ng | 100    |
| 32) Benzoic acid               | 9.75  | 122 | 360057  | 31.670 | ng | 99     |
| 33) 4-Chloroaniline            | 10.57 | 127 | 215662  | 10.411 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.72 | 225 | 352853  | 33.542 | ng | 99     |
| 35) Caprolactam                | 11.36 | 113 | 56456   | 10.522 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.69 | 107 | 650126  | 38.650 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.06 | 142 | 1358418 | 40.635 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.28 | 142 | 1300165 | 39.666 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216 | 701718  | 34.634 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM111218\  
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 Acq On : 12 Nov 2018 19:32  
 Operator : MJ/SJ  
 Sample : J5863-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

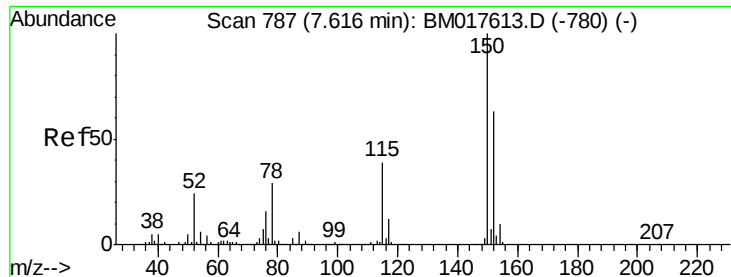
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

Quant Time: Nov 13 03:29:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.40 | 237  | 862448   | 82.377 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.68 | 196  | 486634   | 38.345 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.75 | 196  | 521799   | 38.940 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.09 | 154  | 1755404  | 34.036 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.13 | 162  | 1354337  | 35.379 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.34 | 65   | 445201   | 37.606 | ng    | 99       |
| 49) Acenaphthylene             | 13.98 | 152  | 2249481  | 39.111 | ng    | 100      |
| 50) Dimethylphthalate          | 13.73 | 163  | 1956876  | 41.890 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.86 | 165  | 386746   | 37.179 | ng    | 96       |
| 52) Acenaphthene               | 14.33 | 154  | 1309538  | 37.100 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.19 | 138  | 241293   | 21.305 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.40 | 184  | 491222   | 77.585 | ng    | 97       |
| 55) Dibenzofuran               | 14.66 | 168  | 2095956  | 36.336 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.51 | 139  | 952772   | 98.840 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.65 | 165  | 552008   | 39.367 | ng    | 99       |
| 58) Fluorene                   | 15.32 | 166  | 1733348  | 39.252 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.90 | 232  | 490589   | 39.805 | ng    | 99       |
| 60) Diethylphthalate           | 15.10 | 149  | 1771605  | 35.099 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.32 | 204  | 871687   | 34.743 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.36 | 138  | 388617   | 36.409 | ng    | 99       |
| 63) Azobenzene                 | 15.61 | 77   | 1760466  | 37.729 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.41 | 198  | 331538   | 36.649 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.54 | 169  | 1526166  | 36.350 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.21 | 248  | 552708   | 35.787 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.32 | 284  | 609643   | 35.015 | ng    | 98       |
| 69) Atrazine                   | 16.50 | 200  | 566792   | 36.704 | ng    | 97       |
| 70) Pentachlorophenol          | 16.67 | 266  | 770575   | 63.165 | ng    | 99       |
| 71) Phenanthrene               | 17.06 | 178  | 2746163  | 38.755 | ng    | 100      |
| 72) Anthracene                 | 17.14 | 178  | 2784865  | 40.388 | ng    | 100      |
| 73) Carbazole                  | 17.43 | 167  | 2566089  | 36.829 | ng    | 100      |
| 74) Di-n-butylphthalate        | 17.99 | 149  | 3055628  | 39.396 | ng    | 100      |
| 75) Fluoranthene               | 19.08 | 202  | 3233897  | 40.336 | ng    | 99       |
| 77) Benzidine                  | 19.28 | 184  | 656036   | 14.212 | ng    | 99       |
| 78) Pyrene                     | 19.44 | 202  | 3275067  | 37.445 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.36 | 149  | 1417140  | 39.892 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.20 | 228  | 3234820  | 39.610 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.14 | 252  | 727018   | 23.066 | ng    | 98       |
| 83) Chrysene                   | 21.25 | 228  | 3040742  | 38.335 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 2043351  | 38.909 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.01 | 149  | 3417511  | 40.640 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.60 | 276  | 2733071  | 43.119 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.76 | 252  | 2981862  | 40.895 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.80 | 252  | 2893342  | 39.259 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.31 | 252  | 2732883  | 41.106 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.60 | 278  | 2321231  | 41.530 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.26 | 276  | 2207411  | 41.997 | ng    | 99       |

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



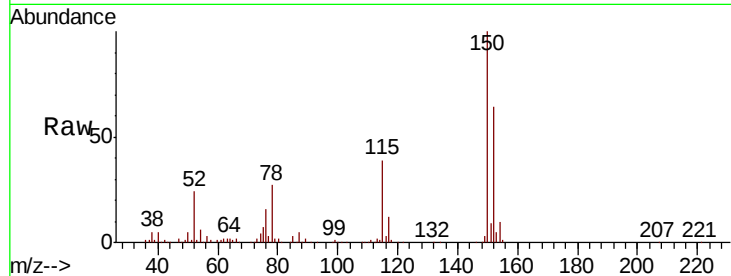


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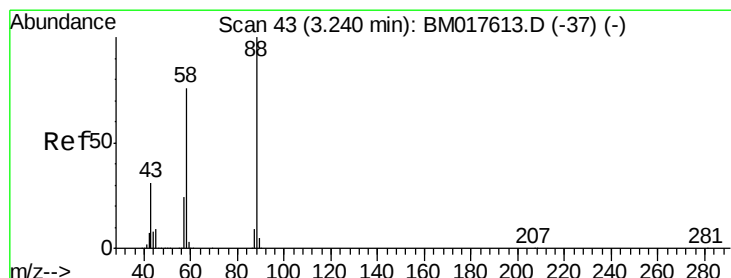
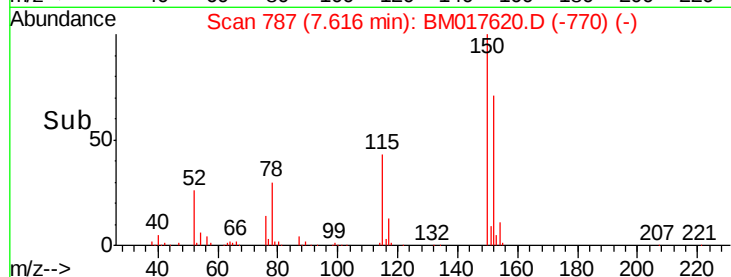
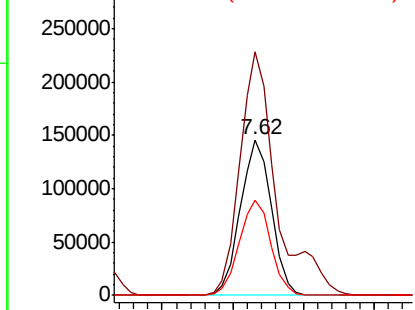
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.62 min Scan# 787  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

Tgt Ion:152 Resp: 224583  
Ion Ratio Lower Upper  
152 100  
150 156.5 126.4 189.6  
115 60.9 49.4 74.0



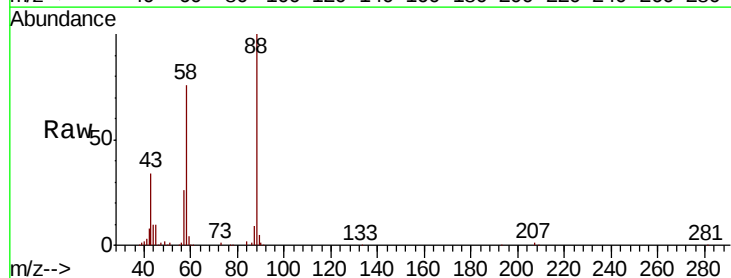
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



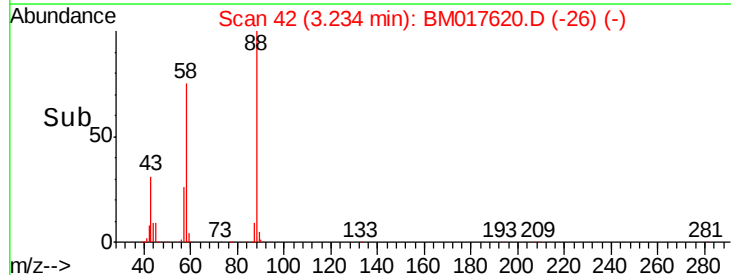
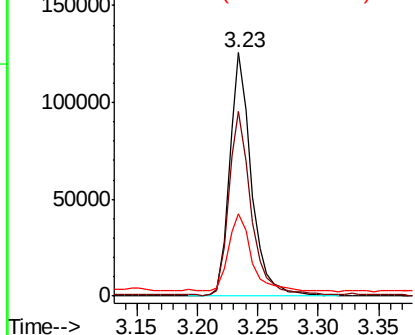
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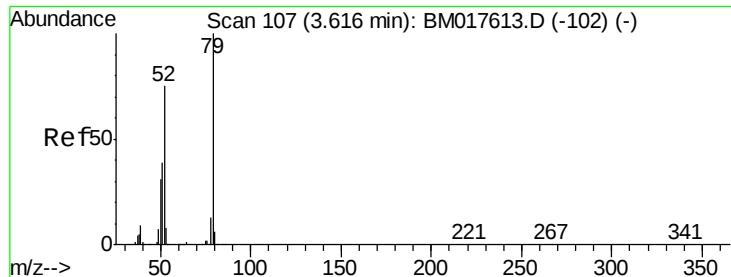
1,4-Dioxane  
Concen: 28.524 ng  
RT: 3.23 min Scan# 42  
Delta R.T. -0.01 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion: 88 Resp: 158087  
Ion Ratio Lower Upper  
88 100  
58 77.1 62.0 93.0  
43 32.4 26.8 40.2



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

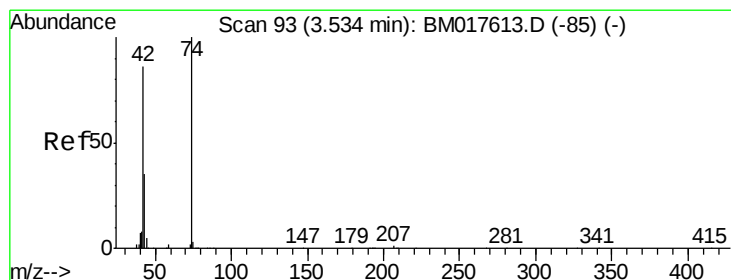
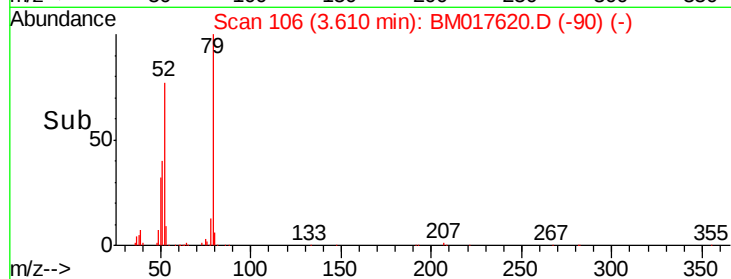
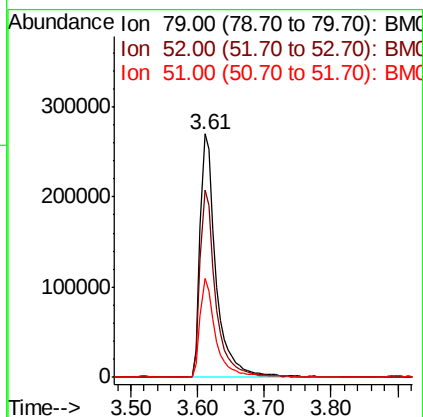
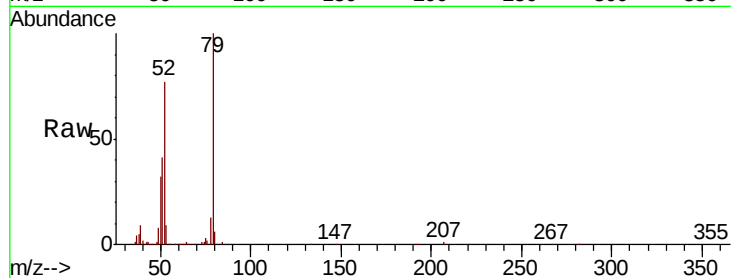




#3  
 Pyridine  
 Concen: 26.760 ng  
 RT: 3.61 min Scan# 106  
 Delta R.T. -0.01 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

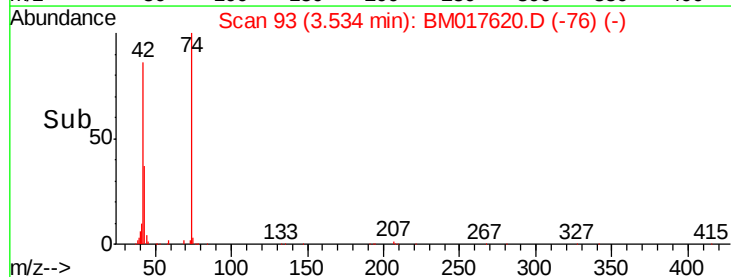
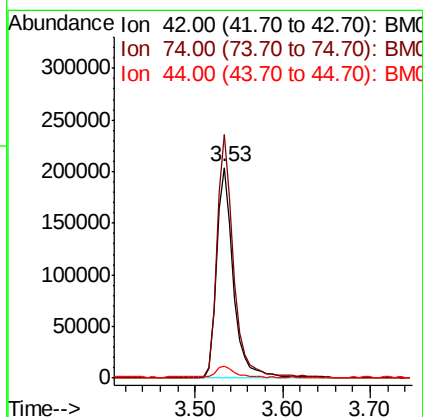
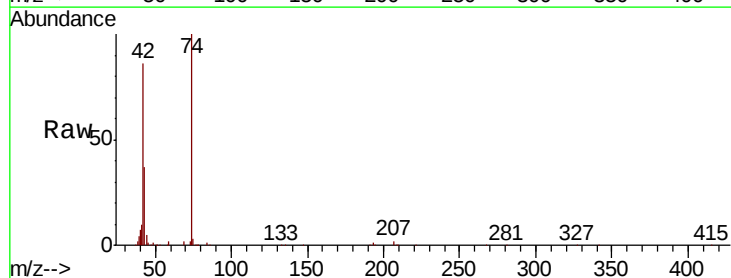
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

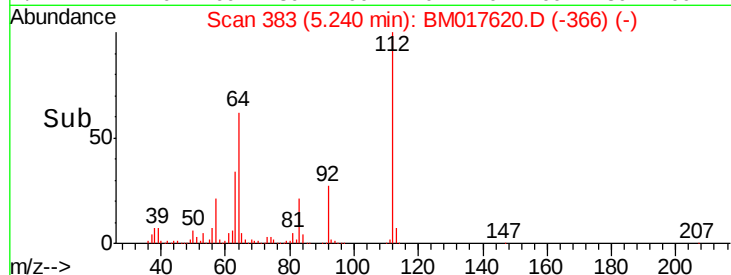
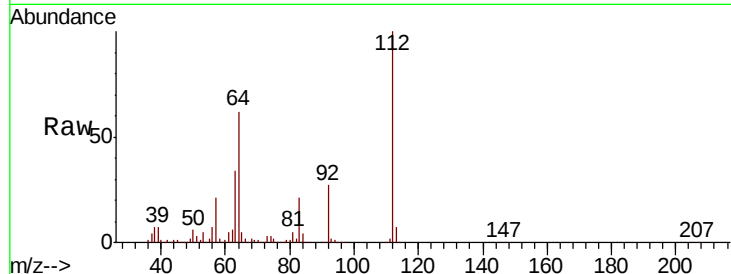
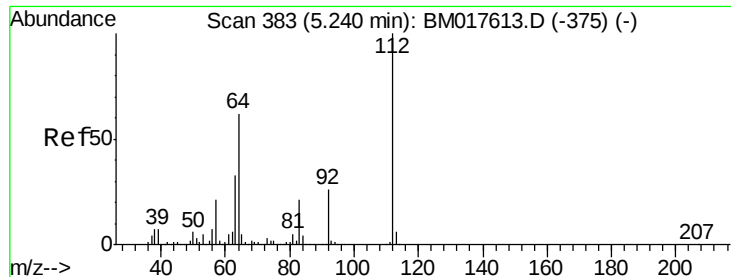
Tgt Ion: 79 Resp: 435045  
 Ion Ratio Lower Upper  
 79 100  
 52 77.1 60.1 90.1  
 51 40.7 31.1 46.7



#4  
 n-Nitrosodimethylamine  
 Concen: 37.809 ng  
 RT: 3.53 min Scan# 93  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion: 42 Resp: 270762  
 Ion Ratio Lower Upper  
 42 100  
 74 115.7 93.1 139.7  
 44 5.8 5.0 7.6

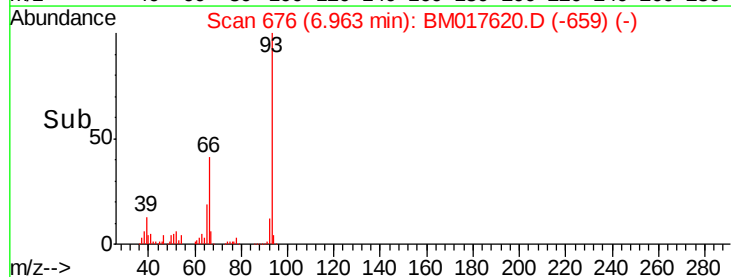
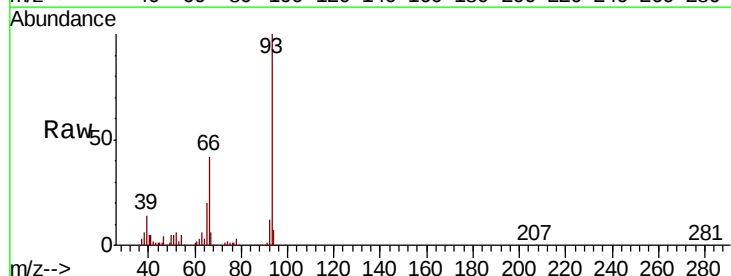
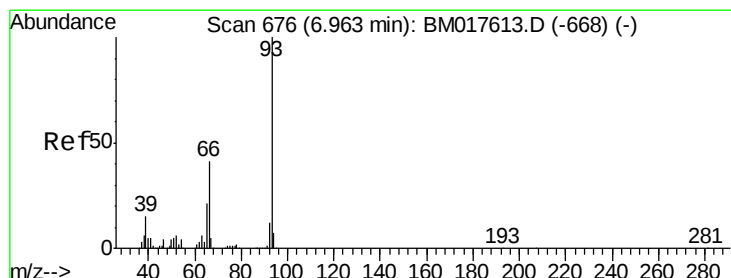
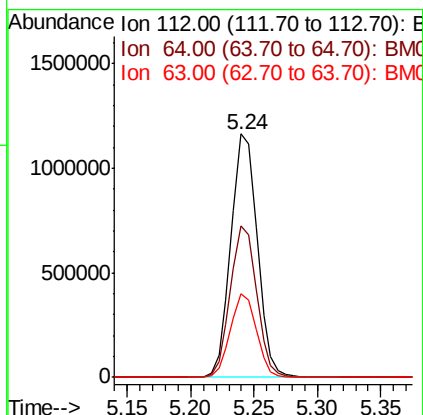




#5  
 2-Fluorophenol  
 Concen: 126.444 ng  
 RT: 5.24 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

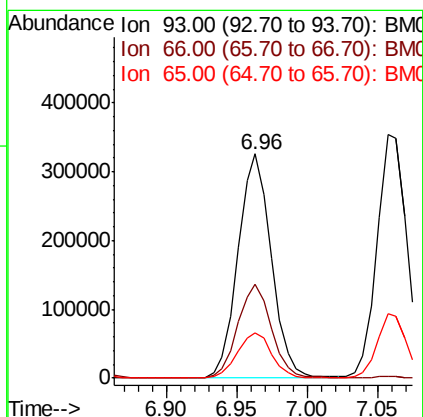
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

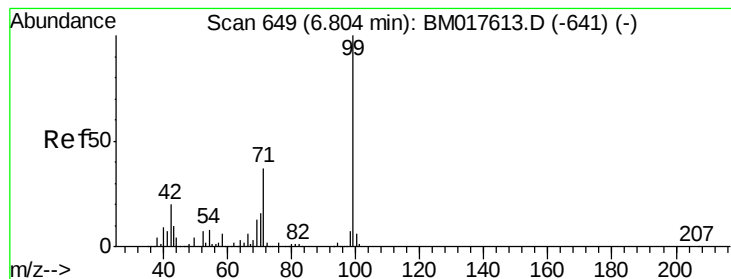
Tgt Ion: 112 Resp: 1682649  
 Ion Ratio Lower Upper  
 112 100  
 64 62.5 49.3 73.9  
 63 34.3 26.2 39.4



#6  
 Aniline  
 Concen: 23.297 ng  
 RT: 6.96 min Scan# 676  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion: 93 Resp: 536961  
 Ion Ratio Lower Upper  
 93 100  
 66 42.2 32.8 49.2  
 65 20.2 16.6 25.0





#7

Phenol-d6

Concen: 123.593 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

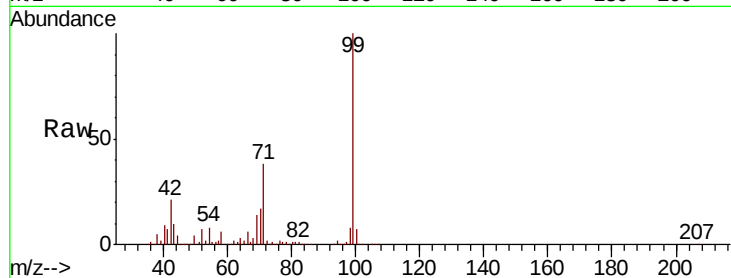
Tgt Ion: 99 Resp: 2297071

Ion Ratio Lower Upper

99 100

42 20.7 16.3 24.5

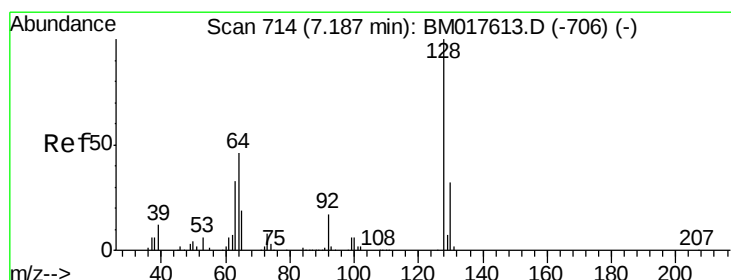
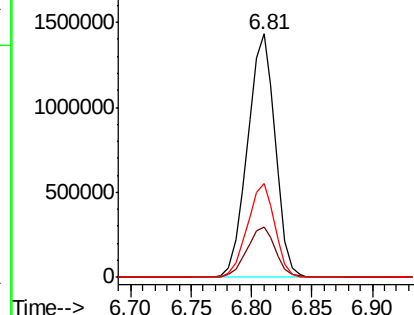
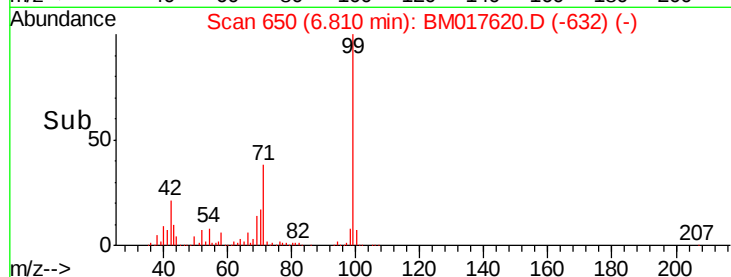
71 38.5 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#8

2-Chlorophenol

Concen: 37.327 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

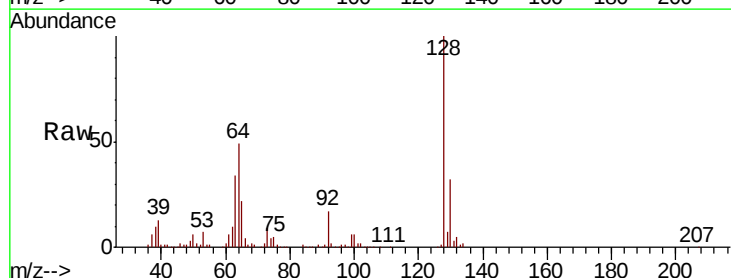
Tgt Ion: 128 Resp: 594477

Ion Ratio Lower Upper

128 100

130 32.2 12.4 52.4

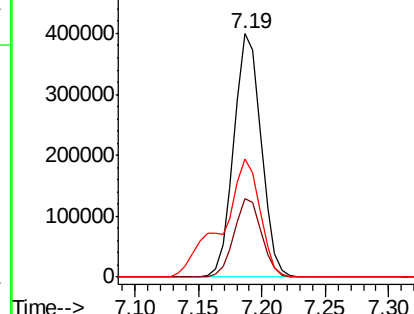
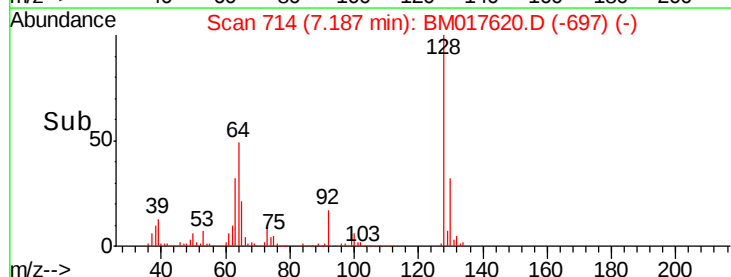
64 48.6 30.0 70.0

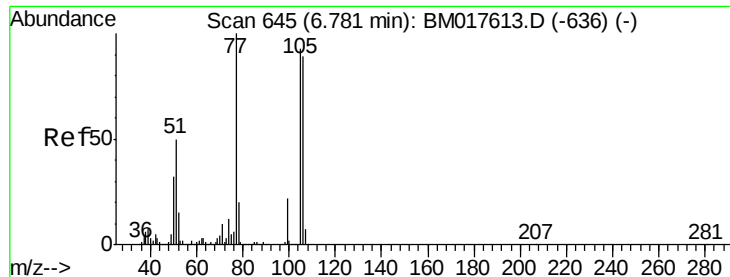


Abundance Ion 128.00 (127.70 to 128.70): BM017613.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM017613.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM017613.D (-706) (-)





#9

Benzaldehyde

Concen: 24.481 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampled :

RT-3263MS

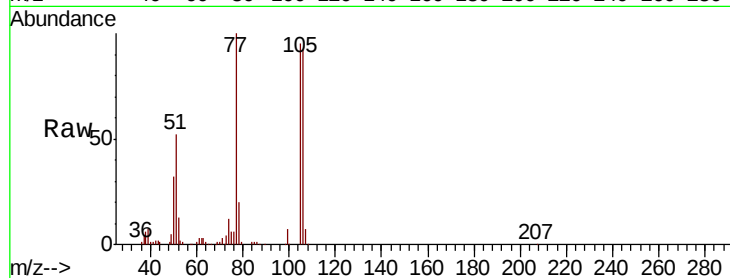
Tgt Ion: 77 Resp: 331447

Ion Ratio Lower Upper

77 100

105 95.1 72.7 112.7

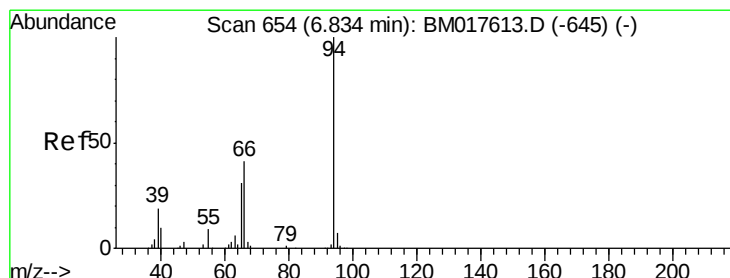
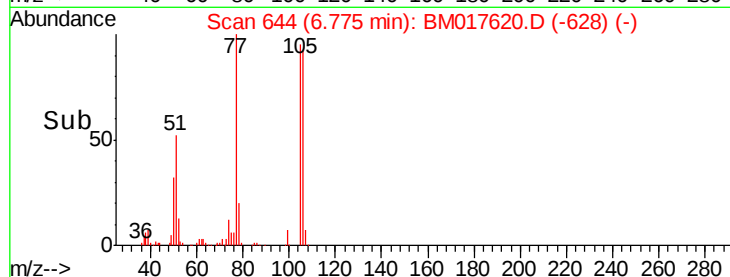
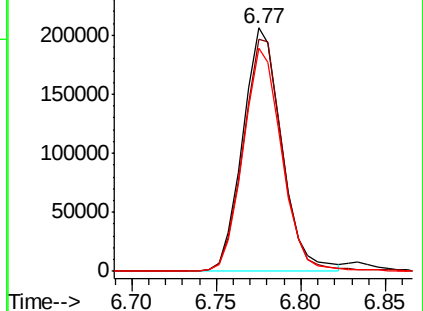
106 91.8 68.9 108.9



Abundance Ion 77.00 (76.70 to 77.70): BM017613.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM017613.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM017613.D (-636) (-)



#10

Phenol

Concen: 44.918 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

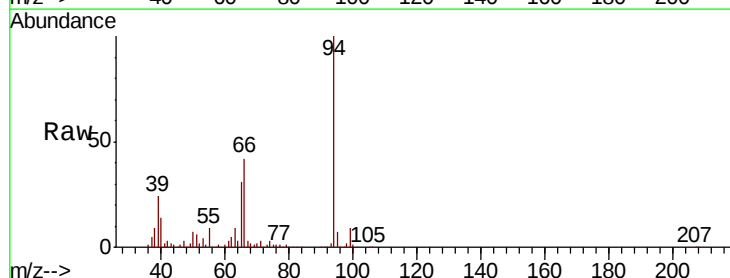
Tgt Ion: 94 Resp: 876270

Ion Ratio Lower Upper

94 100

65 30.9 11.4 51.4

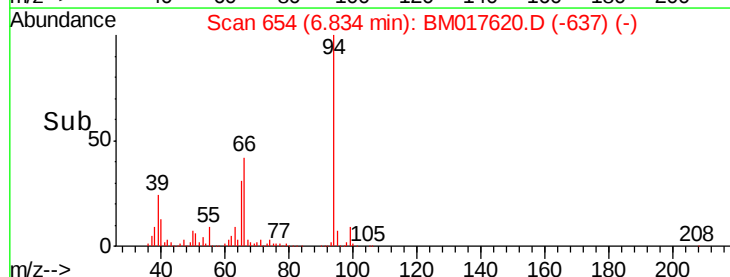
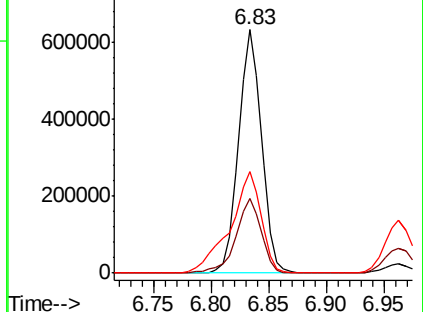
66 41.9 21.4 61.4

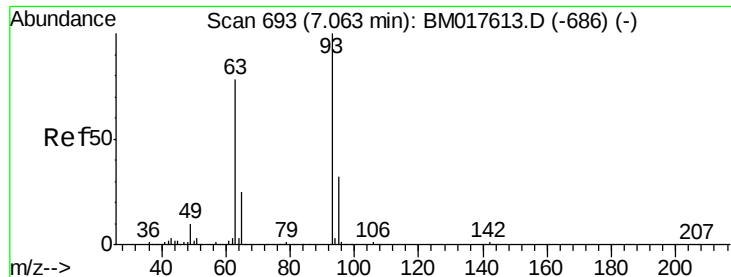


Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)

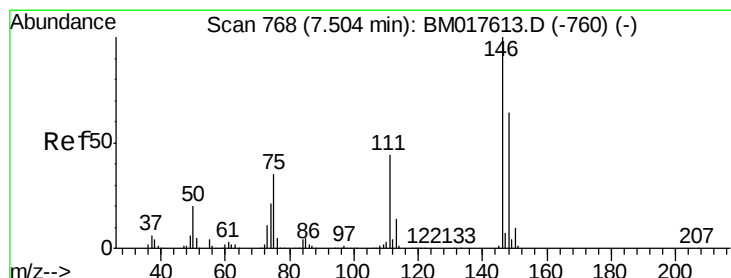
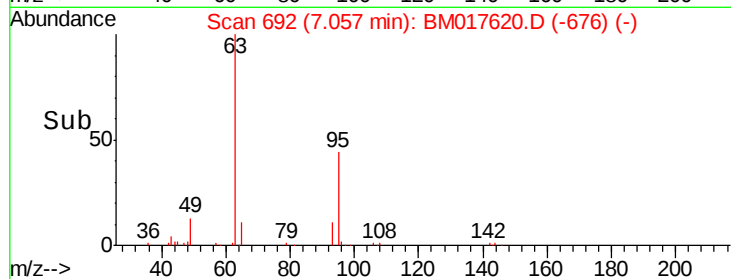
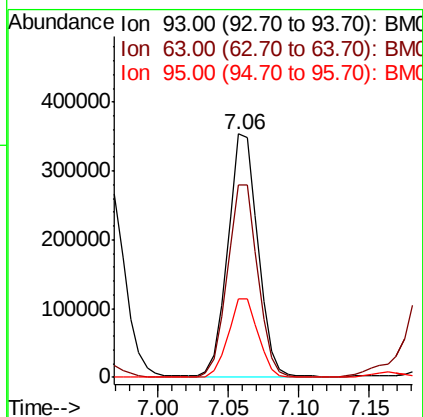
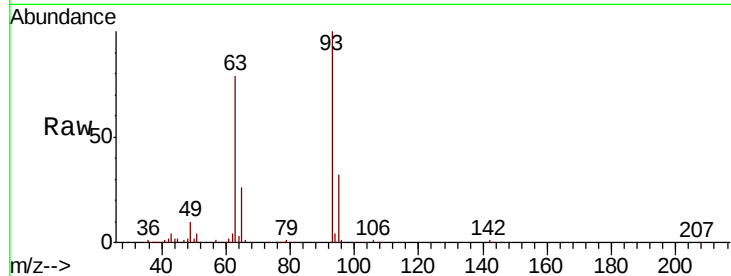




#11  
bis(2-Chloroethyl)ether  
Concen: 33.675 ng  
RT: 7.06 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

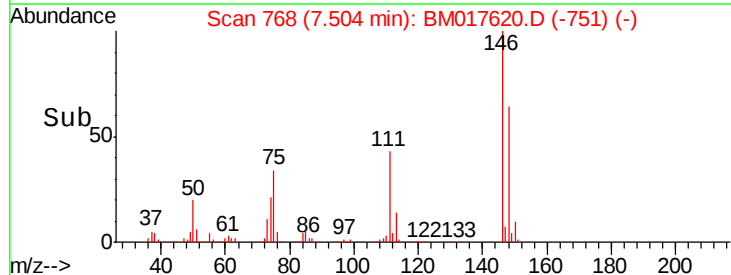
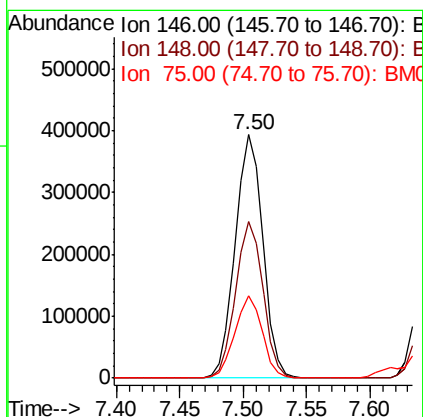
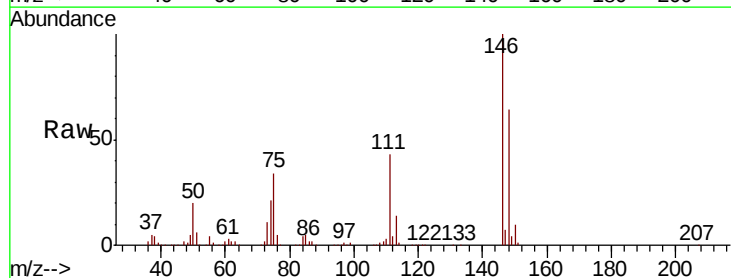
Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

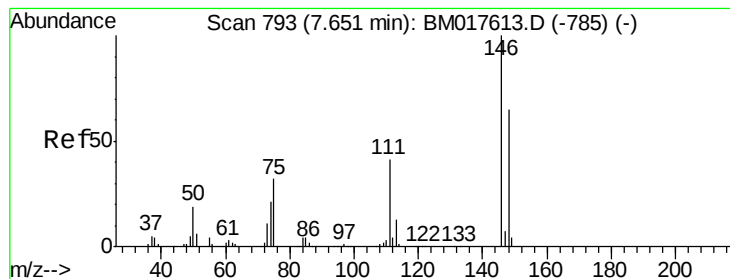
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 78.9  | 57.9  | 97.9  |
| 95      | 32.3  | 12.3  | 52.3  |



#12  
1,3-Dichlorobenzene  
Concen: 33.164 ng  
RT: 7.50 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.2  | 76.8  |
| 75      | 33.9  | 28.2  | 42.2  |





#13

1,4-Dichlorobenzene

Concen: 33.518 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

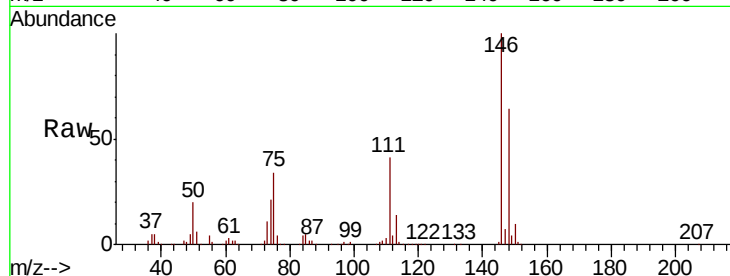
Tgt Ion:146 Resp: 613870

Ion Ratio Lower Upper

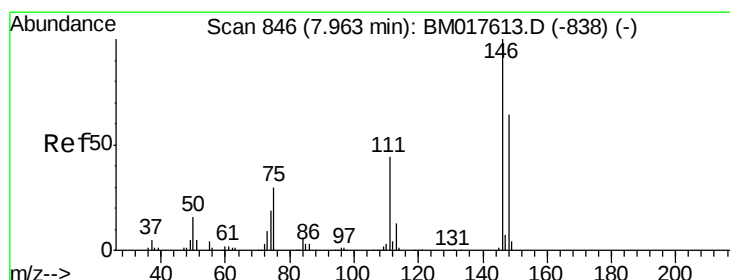
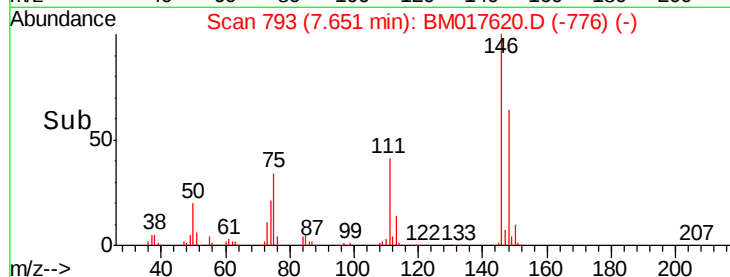
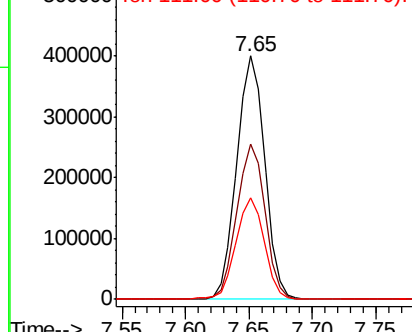
146 100

148 63.7 52.0 78.0

111 41.5 33.2 49.8



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



#14

1,2-Dichlorobenzene

Concen: 33.492 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

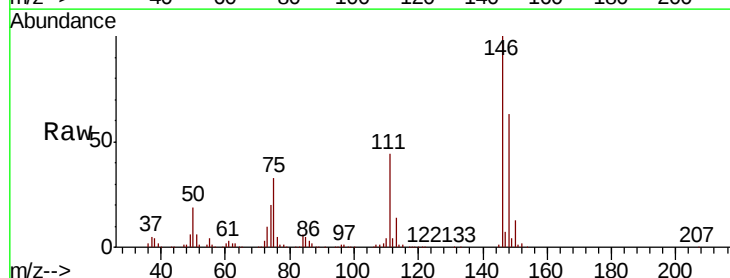
Tgt Ion:146 Resp: 594768

Ion Ratio Lower Upper

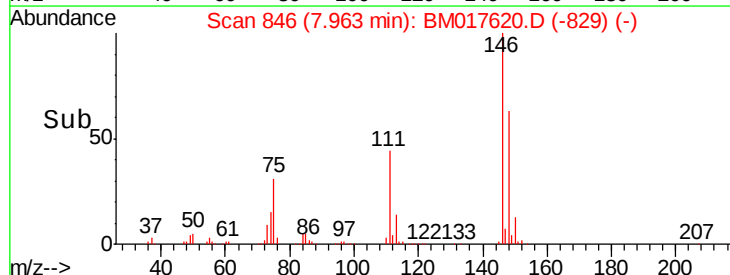
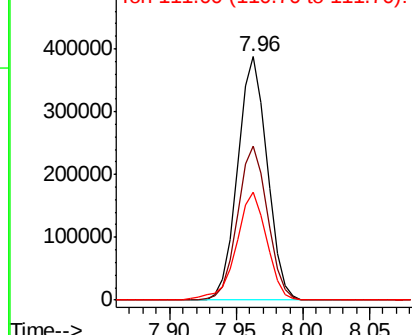
146 100

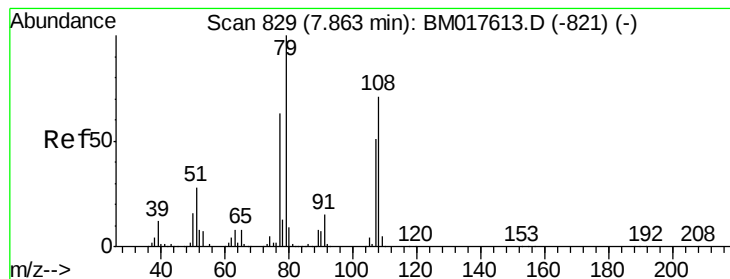
148 63.1 51.6 77.4

111 44.1 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: 36.553 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

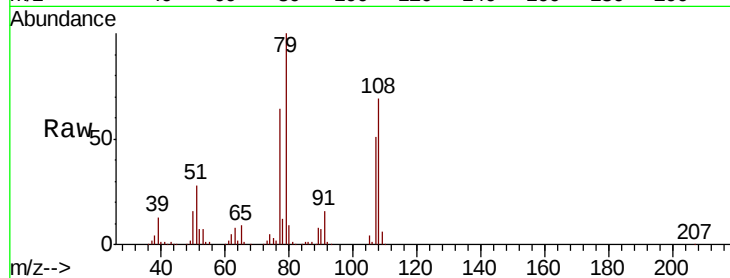
Tgt Ion: 79 Resp: 541031

Ion Ratio Lower Upper

79 100

108 68.8 57.1 85.7

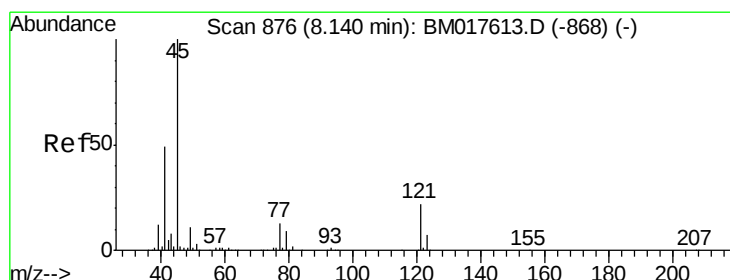
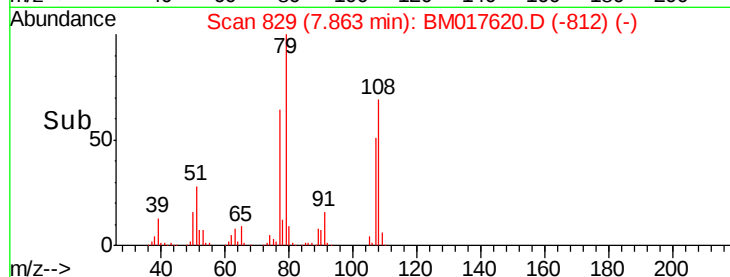
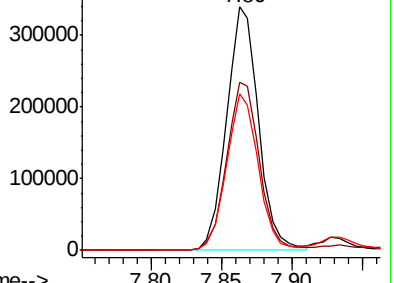
77 64.1 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BM017613.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM017613.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM017613.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.248 ng

RT: 8.15 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

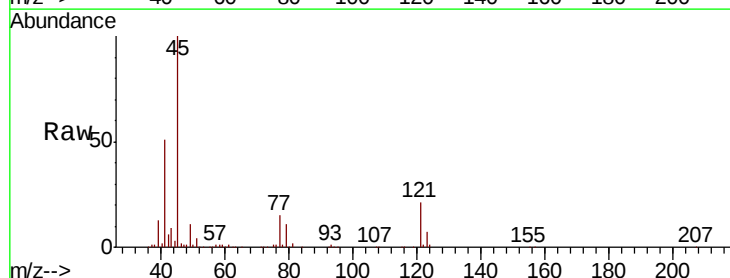
Tgt Ion: 45 Resp: 803022

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.2

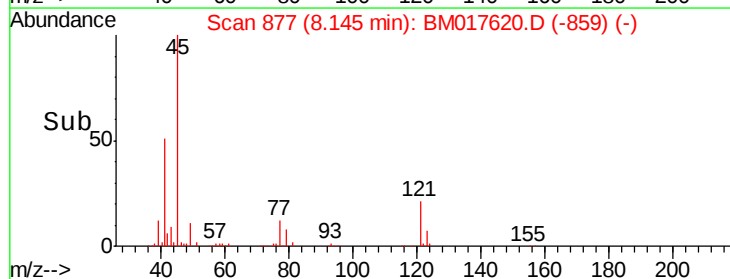
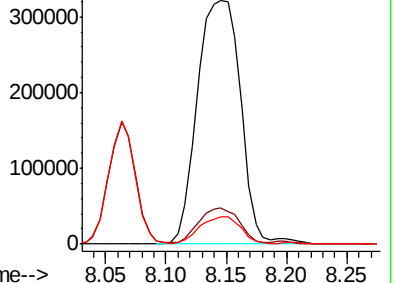
79 11.2 0.0 30.5

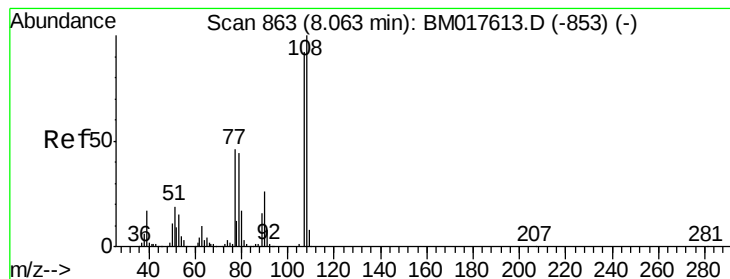


Abundance Ion 45.00 (44.70 to 45.70): BM017613.D (-868) (-)

Ion 77.00 (76.70 to 77.70): BM017613.D (-868) (-)

Ion 79.00 (78.70 to 79.70): BM017613.D (-868) (-)





#17

2-Methylphenol

Concen: 38.185 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampled :

RT-3263MS

Tgt Ion:107 Resp: 501821

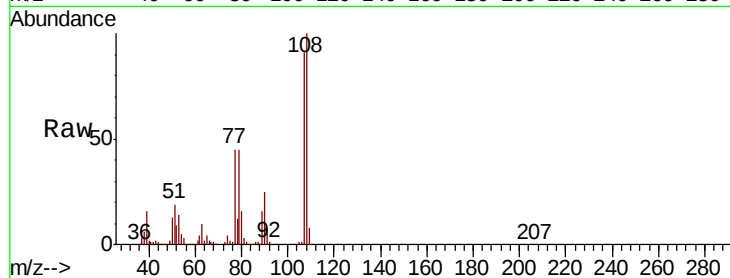
Ion Ratio Lower Upper

107 100

108 109.5 86.7 130.1

77 49.3 39.8 59.6

79 49.5 38.4 57.6



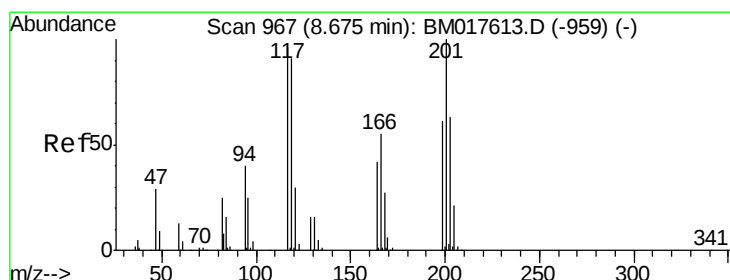
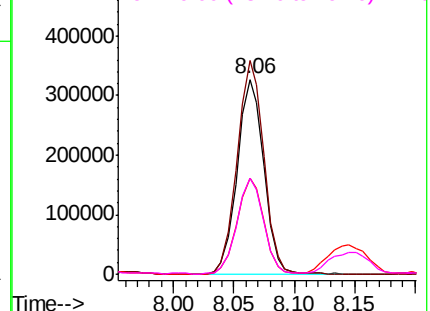
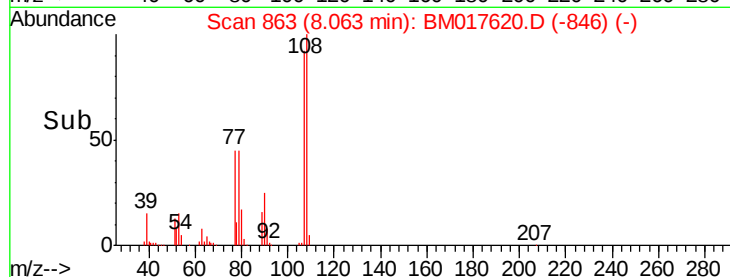
Abundance

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: 34.211 ng

RT: 8.67 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

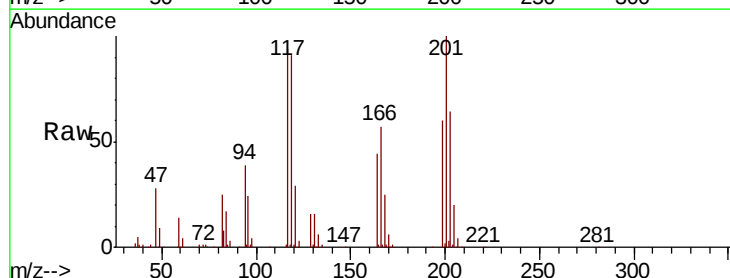
Tgt Ion:117 Resp: 220828

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

201 106.4 83.0 124.4

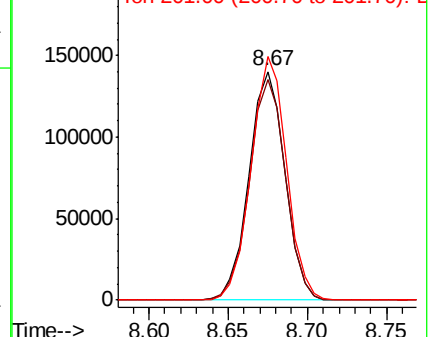
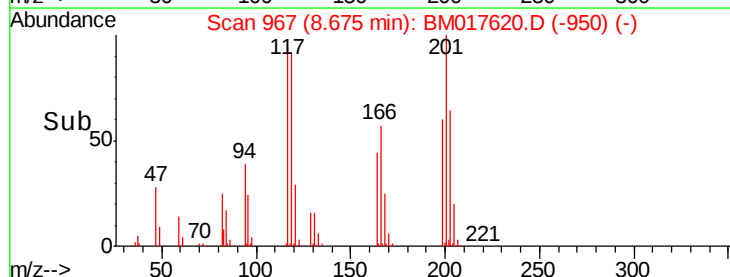


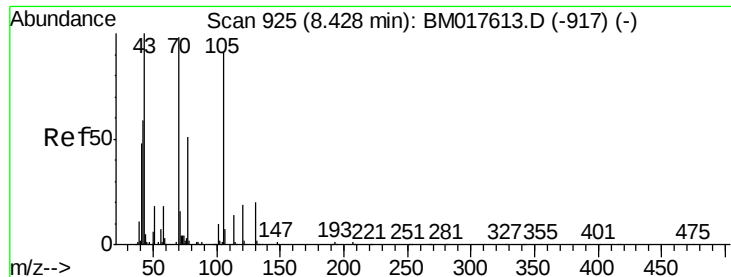
Abundance

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

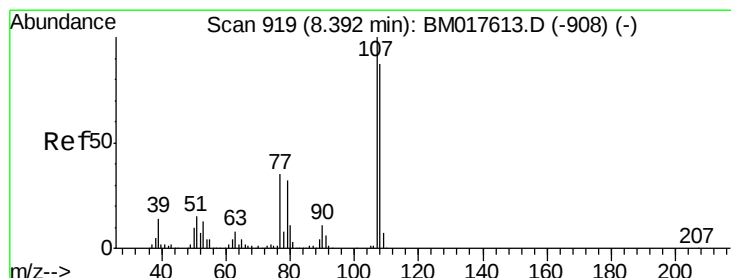
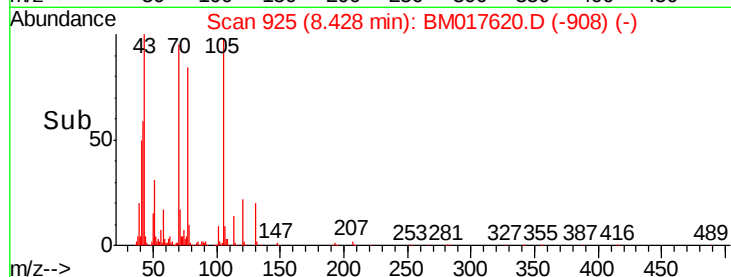
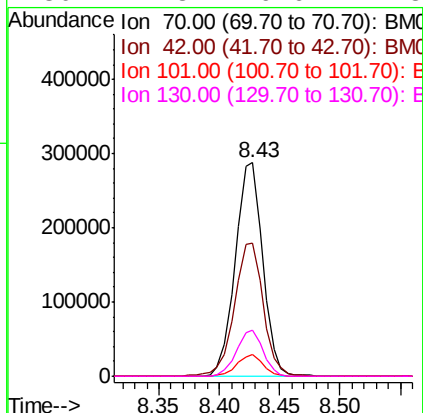
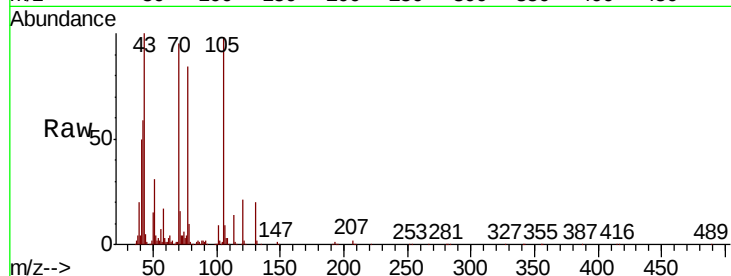




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.318 ng  
RT: 8.43 min Scan# 925  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

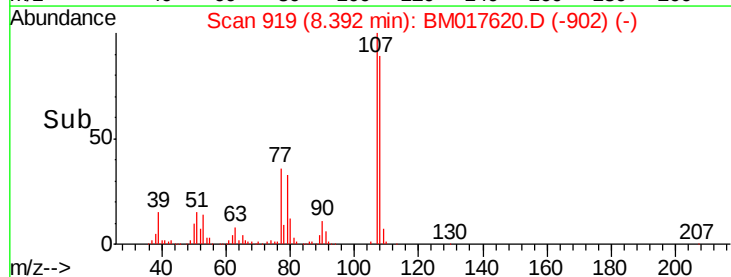
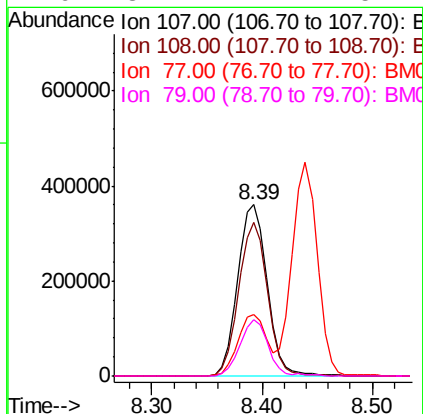
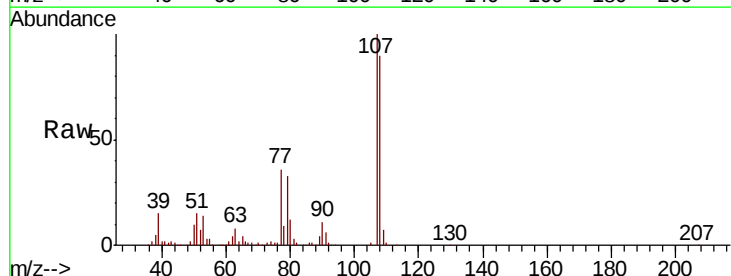
Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

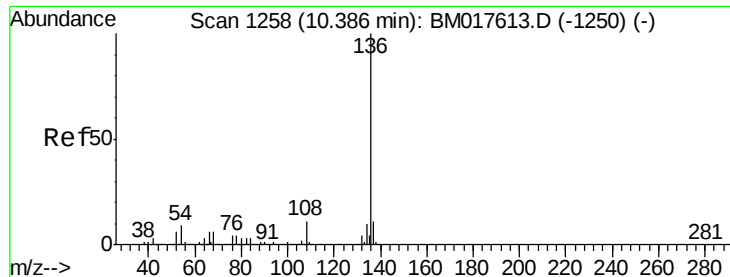
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 457974 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.3  | 48.6  | 73.0   |
| 101      | 9.9   | 7.9   | 11.9   |
| 130      | 21.3  | 16.6  | 24.8   |



#20  
3+4-Methylphenols  
Concen: 37.206 ng  
RT: 8.39 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 679357 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.5  | 67.0  | 107.0  |
| 77       | 36.0  | 15.6  | 55.6   |
| 79       | 32.7  | 11.7  | 51.7   |

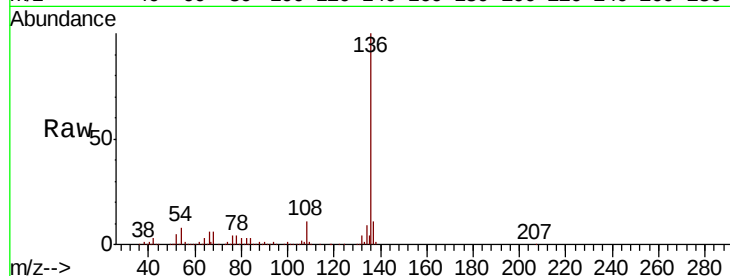




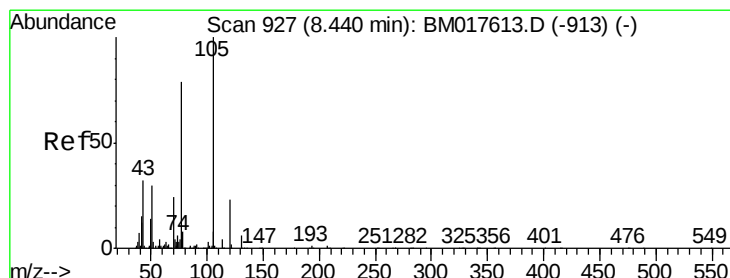
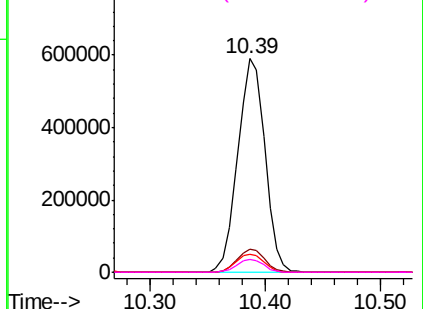
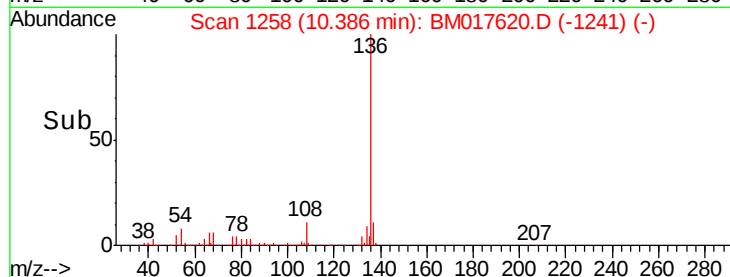
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.39 min Scan# 1258  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 962012 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.6   | 12.8   |
| 54       | 8.5   | 7.0   | 10.6   |
| 68       | 5.9   | 4.9   | 7.3    |

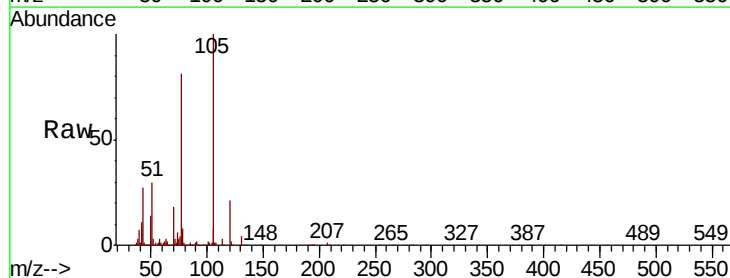


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

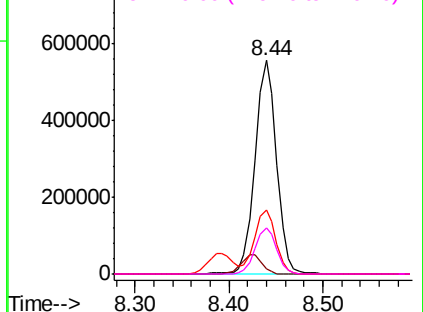
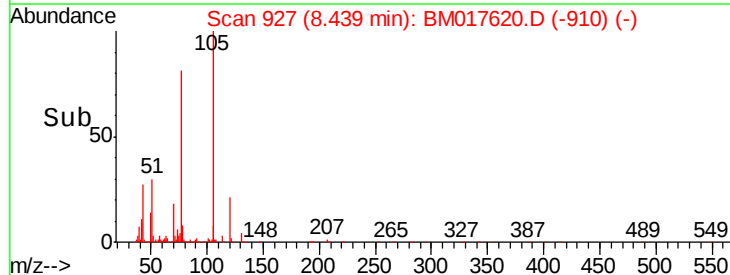


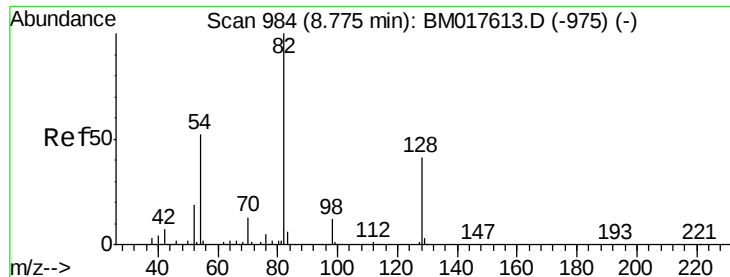
#22  
Acetophenone  
Concen: 36.547 ng  
RT: 8.44 min Scan# 927  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 877495 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.7   | 3.1   | 4.7#   |
| 51       | 30.1  | 23.8  | 35.8   |
| 120      | 21.4  | 18.0  | 27.0   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.976 ng

RT: 8.77 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

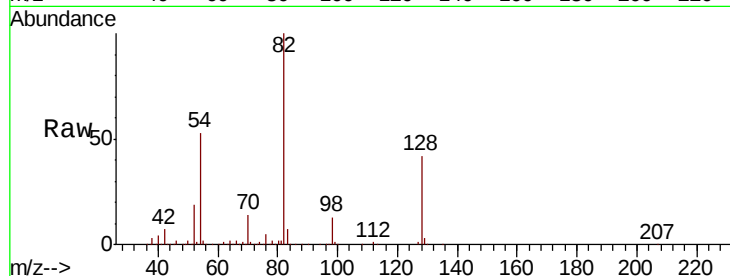
Tgt Ion: 82 Resp: 1453040

Ion Ratio Lower Upper

82 100

128 42.2 33.0 49.4

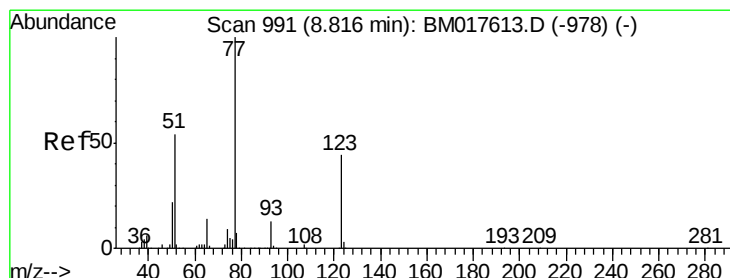
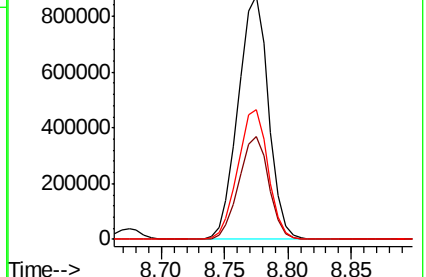
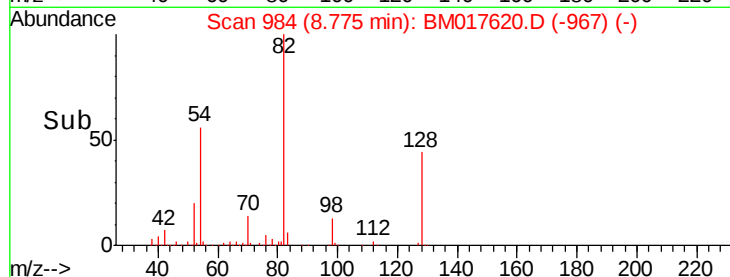
54 53.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BM017620.D (-967) (-)

Ion 128.00 (127.70 to 128.70): BM017620.D (-967) (-)

Ion 54.00 (53.70 to 54.70): BM017620.D (-967) (-)



#24

Nitrobenzene

Concen: 35.831 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

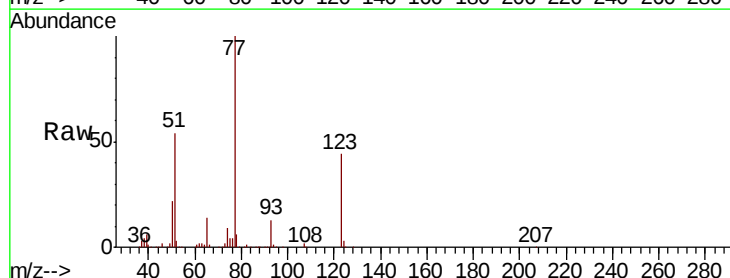
Tgt Ion: 77 Resp: 677439

Ion Ratio Lower Upper

77 100

123 43.7 35.1 52.7

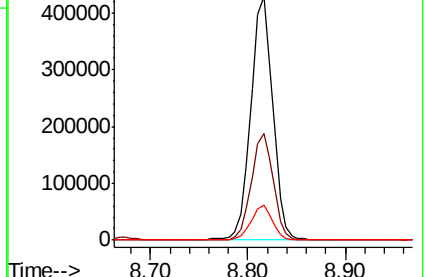
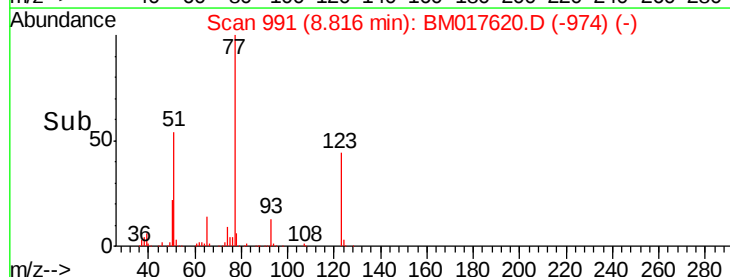
65 14.4 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BM017620.D (-974) (-)

Ion 123.00 (122.70 to 123.70): BM017620.D (-974) (-)

Ion 65.00 (64.70 to 65.70): BM017620.D (-974) (-)

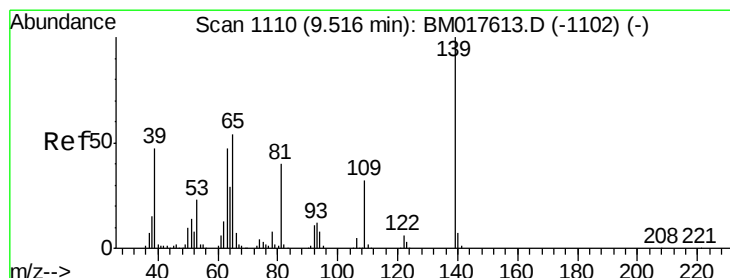
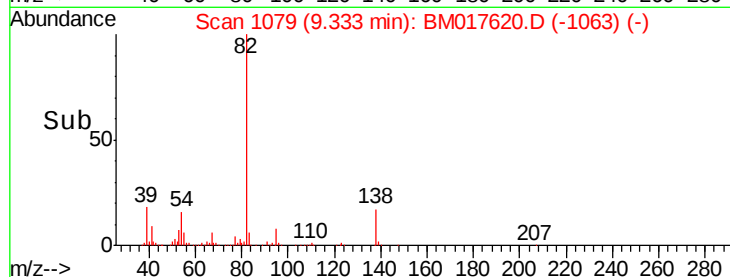
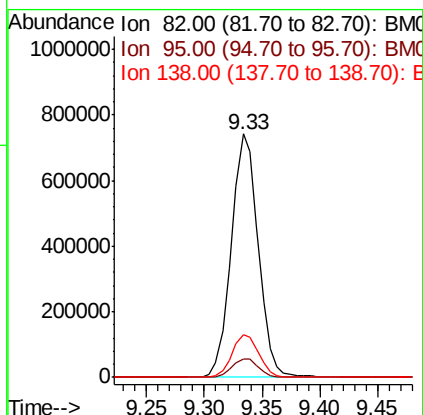
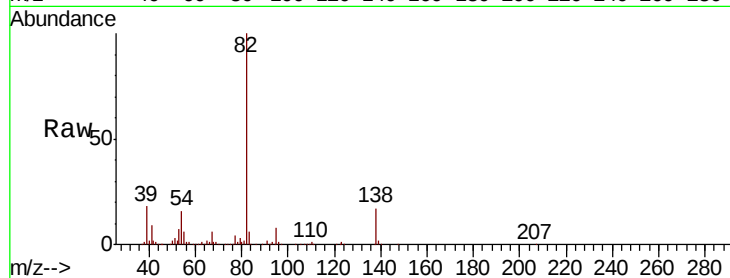




#25  
Isophorone  
Concen: 41.679 ng  
RT: 9.33 min Scan# 1079  
Delta R.T. -0.01 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

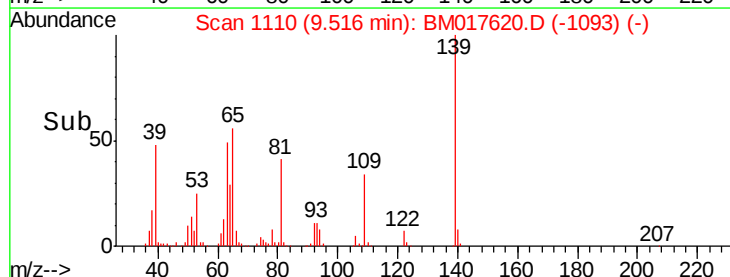
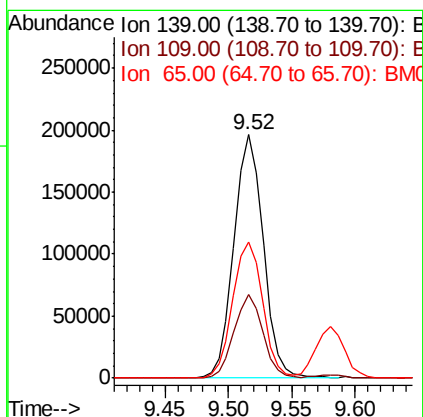
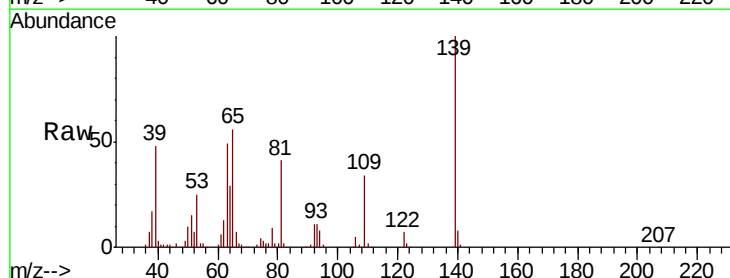
Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

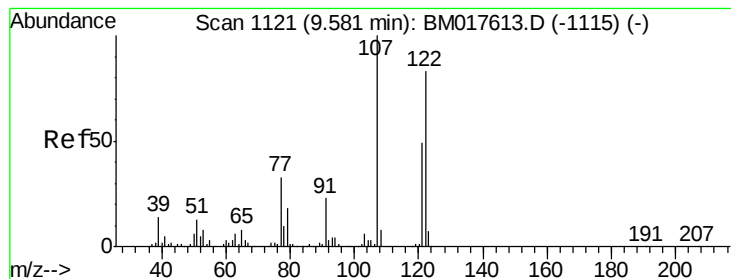
Tgt Ion: 82 Resp: 1199582  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.1 9.1  
138 17.5 13.9 20.9



#26  
2-Nitrophenol  
Concen: 36.202 ng  
RT: 9.52 min Scan# 1110  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion: 139 Resp: 315266  
Ion Ratio Lower Upper  
139 100  
109 34.4 25.9 38.9  
65 55.8 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 42.755 ng

RT: 9.58 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

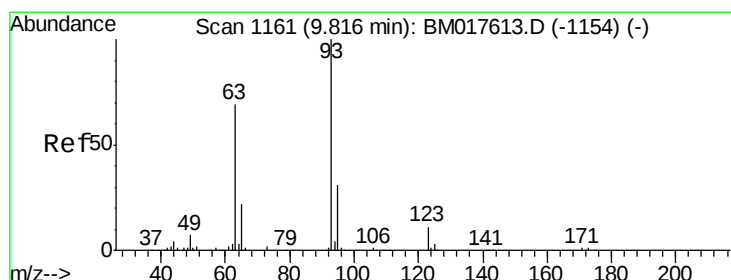
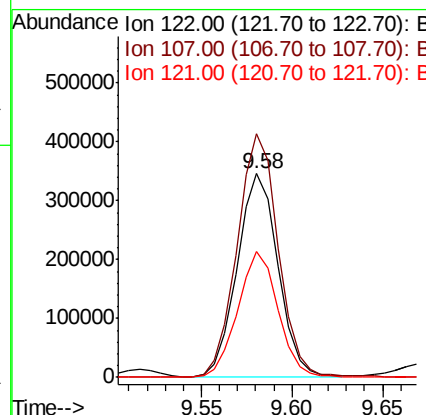
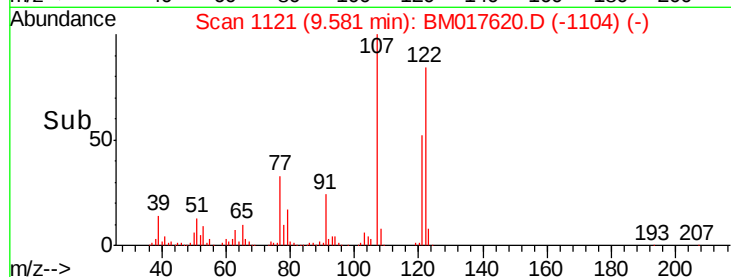
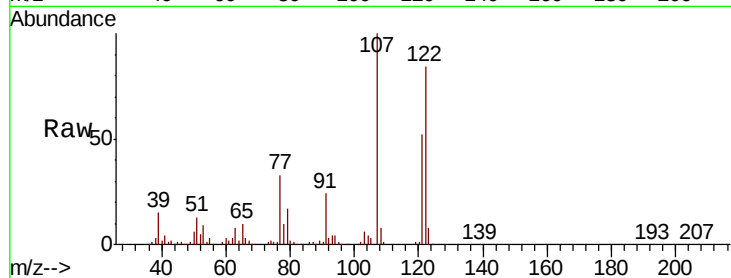
Tgt Ion:122 Resp: 536615

Ion Ratio Lower Upper

122 100

107 119.7 95.8 143.8

121 62.0 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.520 ng

RT: 9.82 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

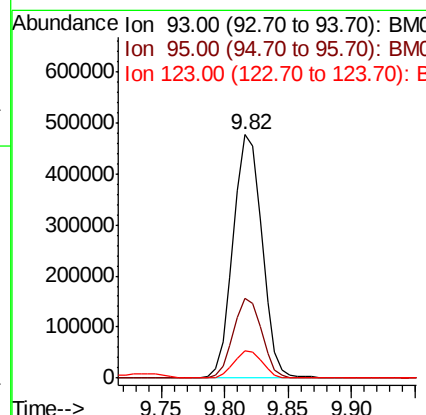
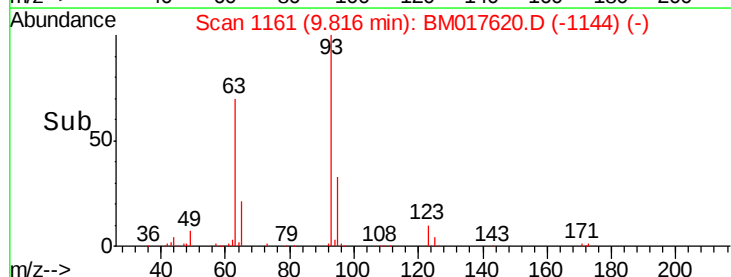
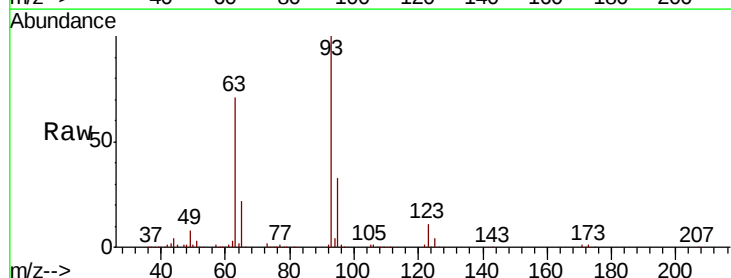
Tgt Ion: 93 Resp: 750885

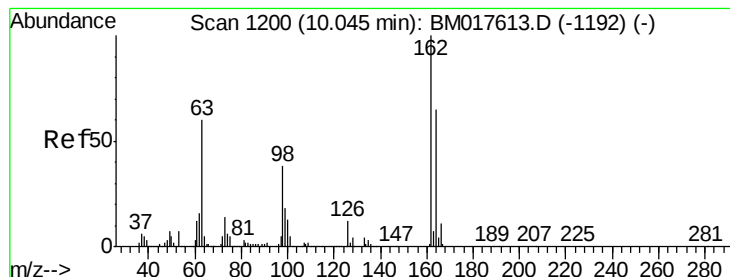
Ion Ratio Lower Upper

93 100

95 32.9 24.9 37.3

123 11.0 8.7 13.1

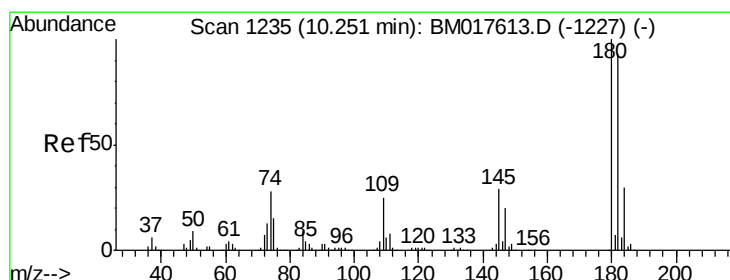
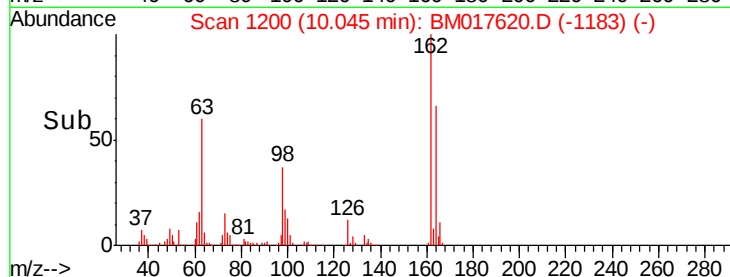
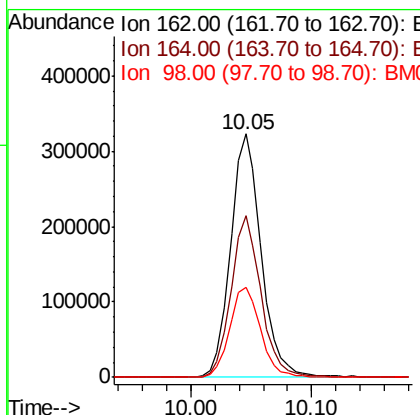
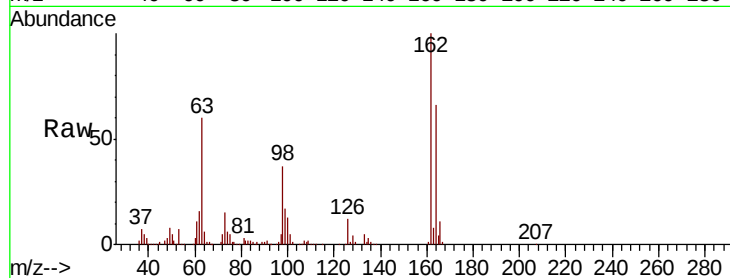




#29  
 2,4-Dichlorophenol  
 Concen: 39.039 ng  
 RT: 10.05 min Scan# 1200  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

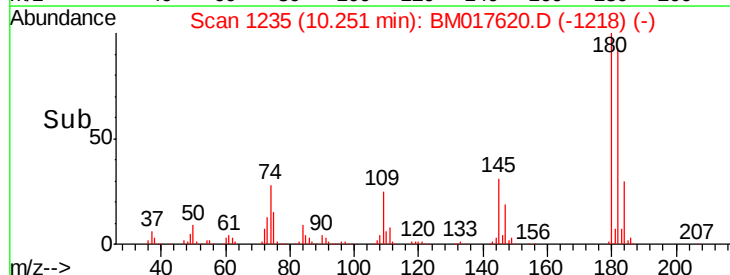
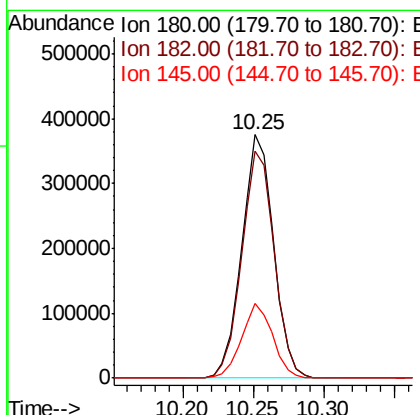
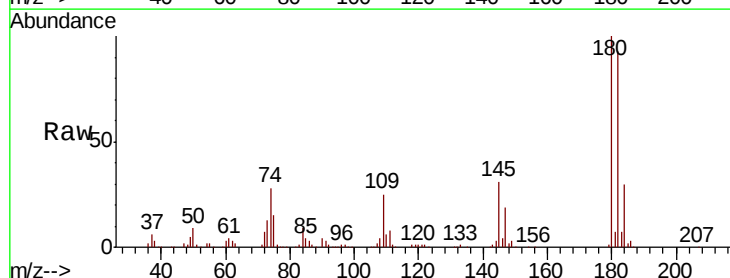
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

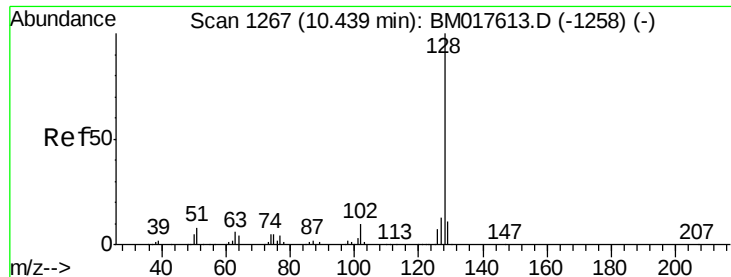
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.2  | 45.0  | 85.0  |
| 98      | 36.9  | 17.5  | 57.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.005 ng  
 RT: 10.25 min Scan# 1235  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 74.4  | 111.6 |
| 145     | 30.8  | 23.5  | 35.3  |





#31

Naphthalene

Concen: 38.316 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampled :

RT-3263MS

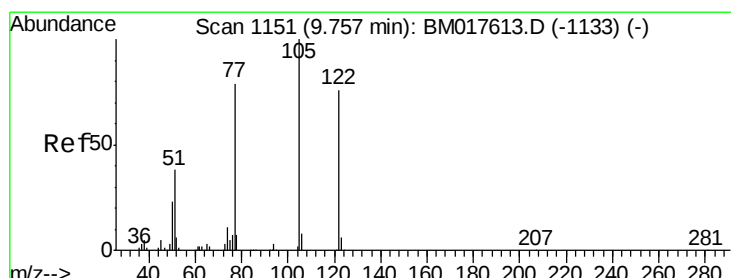
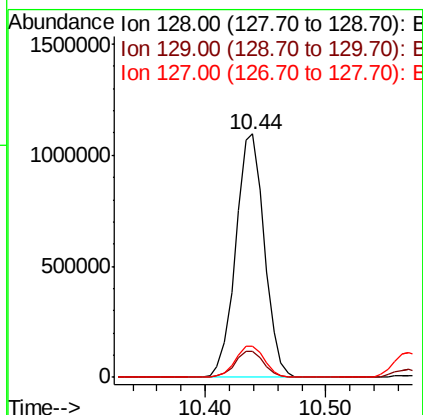
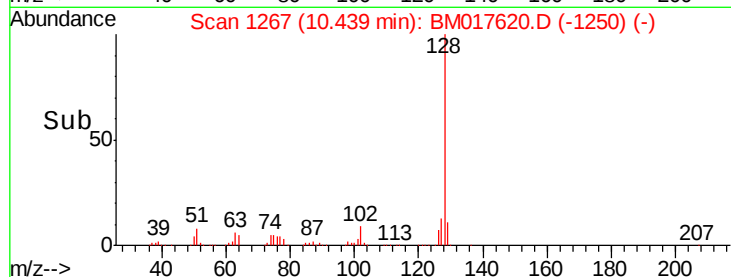
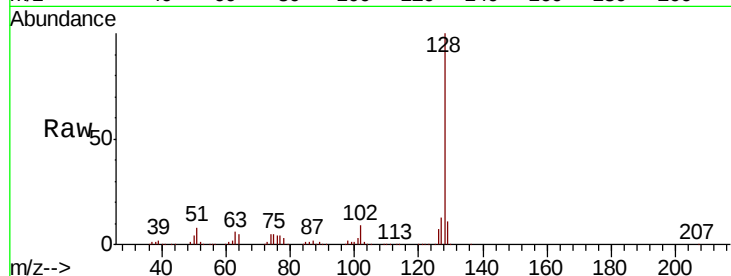
Tgt Ion:128 Resp: 1812298

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 31.670 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

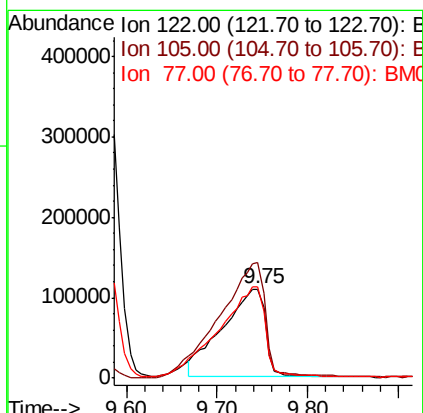
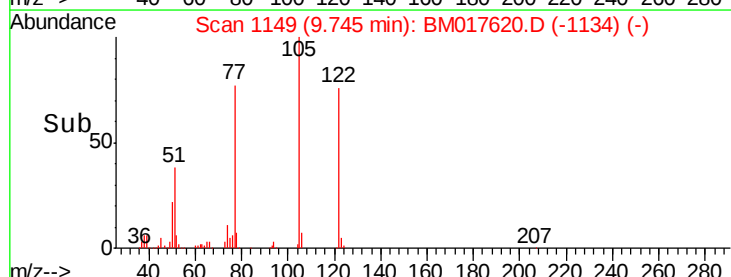
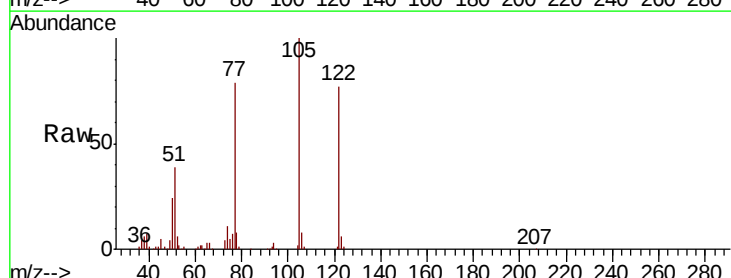
Tgt Ion:122 Resp: 360057

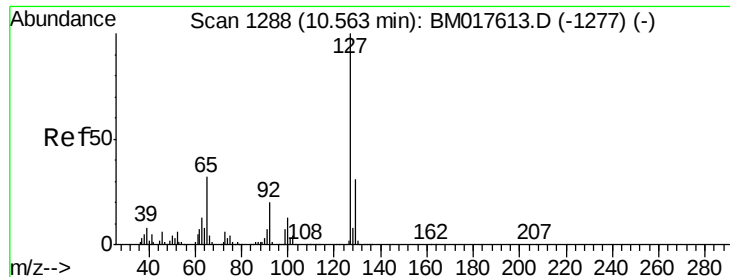
Ion Ratio Lower Upper

122 100

105 130.0 109.1 149.1

77 102.4 82.1 122.1

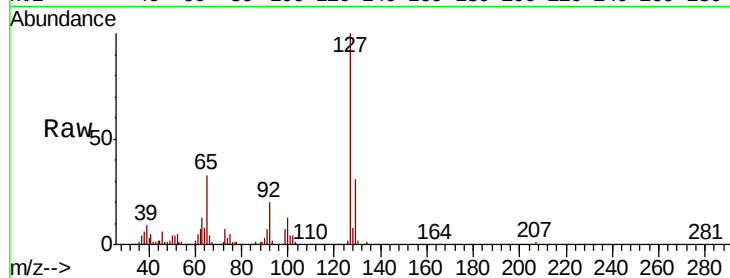




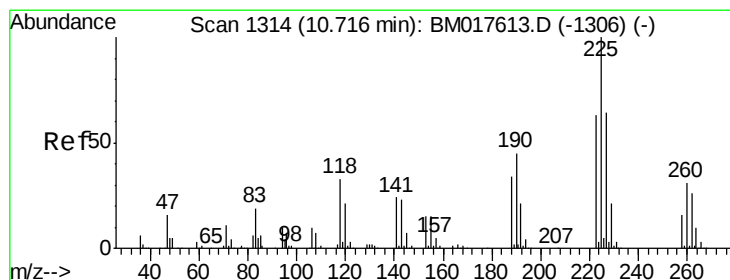
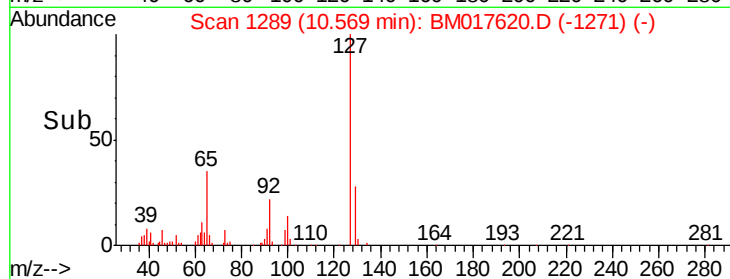
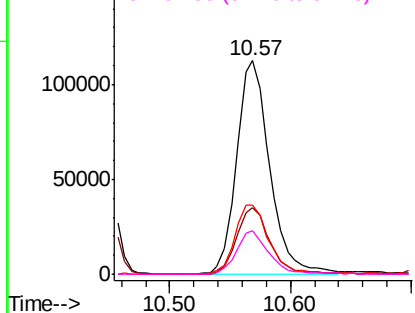
#33  
4-Chloroaniline  
Concen: 10.411 ng  
RT: 10.57 min Scan# 1289  
Delta R.T. 0.01 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 215662 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.2  | 25.0  | 37.4   |
| 65       | 32.6  | 25.8  | 38.8   |
| 92       | 20.2  | 15.8  | 23.6   |

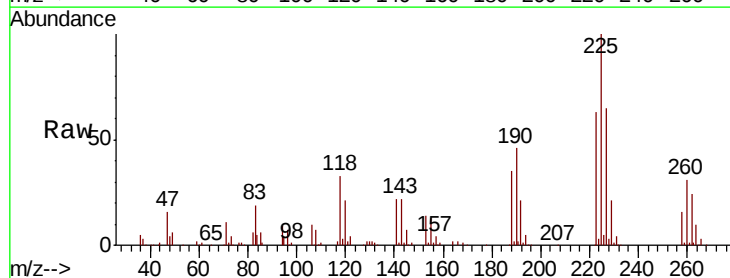


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

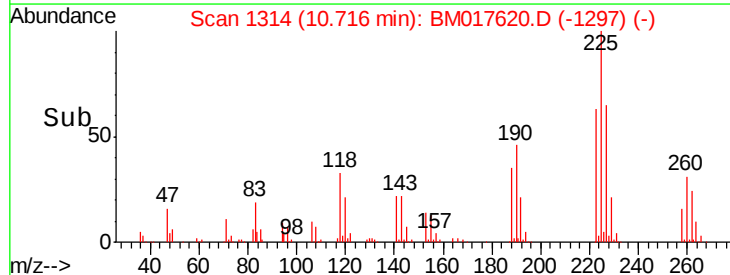
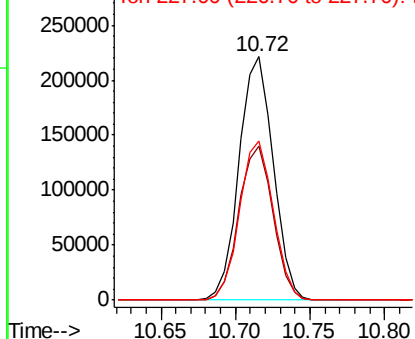


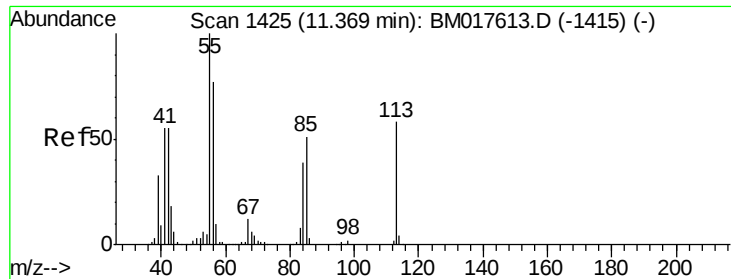
#34  
Hexachlorobutadiene  
Concen: 33.542 ng  
RT: 10.72 min Scan# 1314  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 352853 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 50.7  | 76.1   |
| 227      | 65.3  | 51.0  | 76.4   |



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

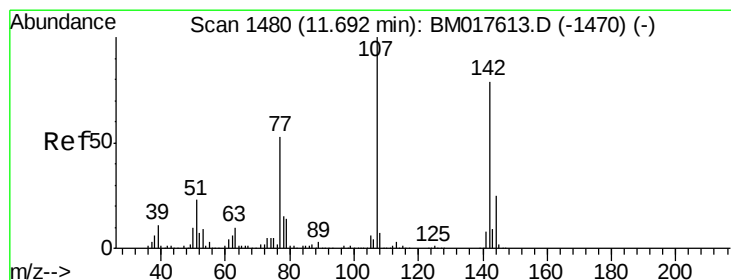
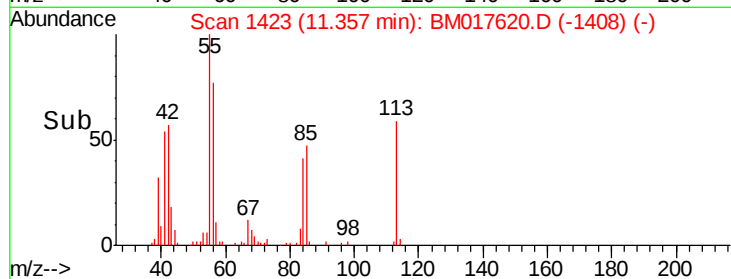
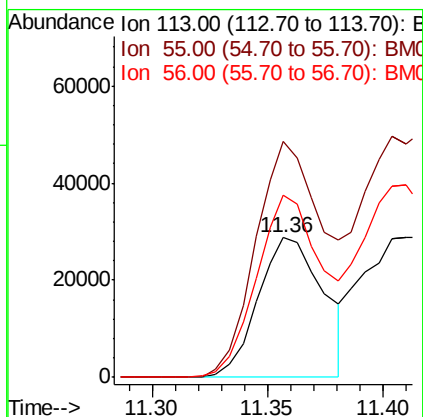
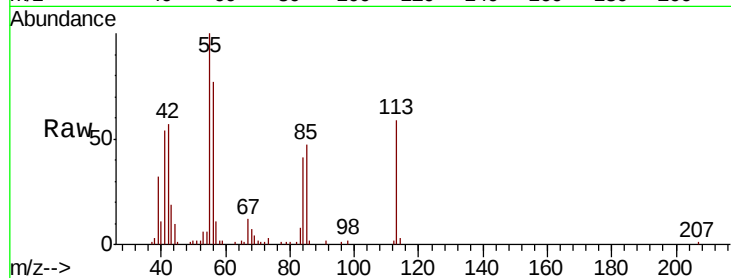




#35  
 Caprolactam  
 Concen: 10.522 ng  
 RT: 11.36 min Scan# 1423  
 Delta R.T. -0.01 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

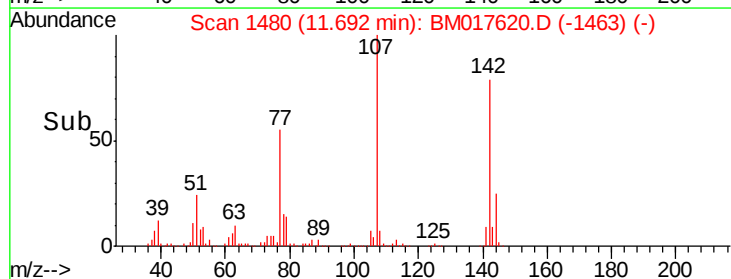
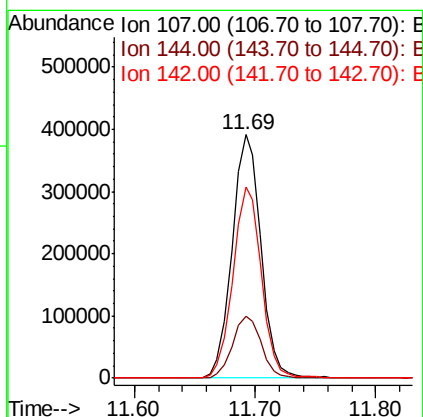
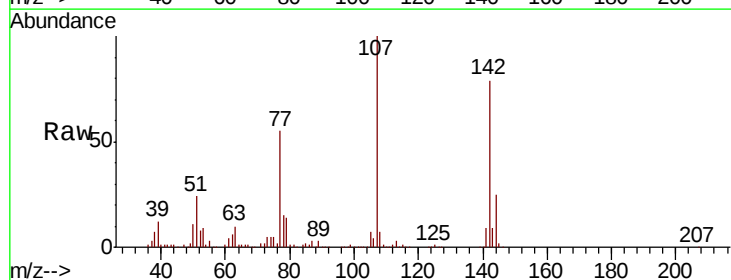
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

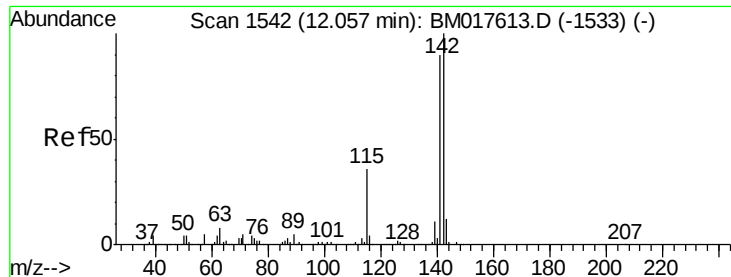
Tgt Ion:113 Resp: 56456  
 Ion Ratio Lower Upper  
 113 100  
 55 168.8 153.1 193.1  
 56 130.4 112.7 152.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.650 ng  
 RT: 11.69 min Scan# 1480  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion:107 Resp: 650126  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 19.9 29.9  
 142 78.6 63.0 94.4

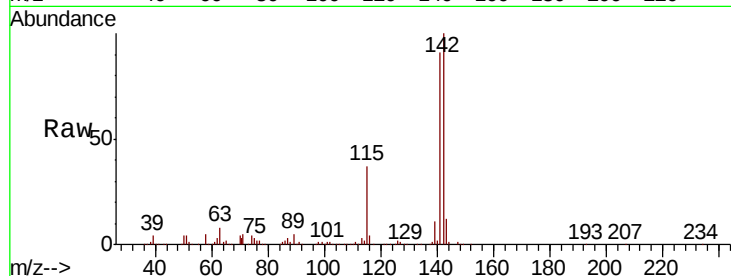




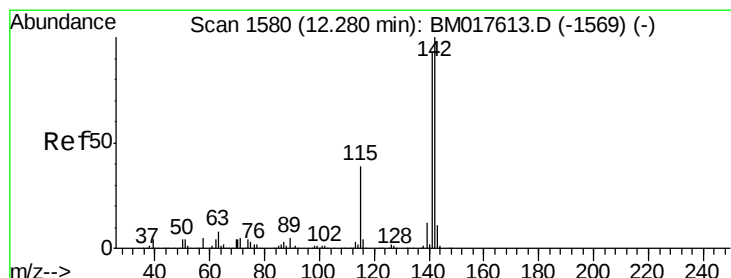
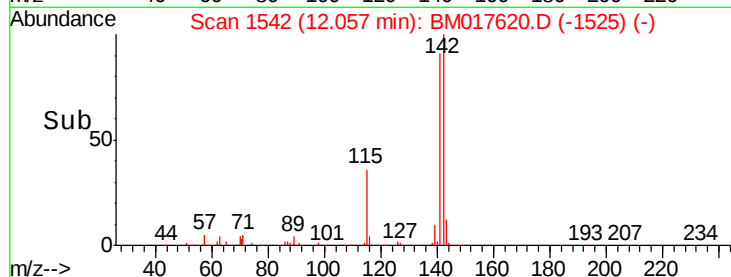
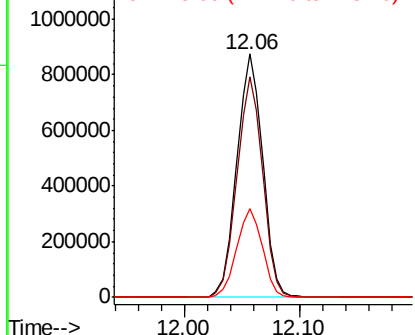
#37  
 2-Methylnaphthalene  
 Concen: 40.635 ng  
 RT: 12.06 min Scan# 1542  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

Tgt Ion:142 Resp: 1358418  
 Ion Ratio Lower Upper  
 142 100  
 141 90.6 72.2 108.4  
 115 36.5 28.5 42.7

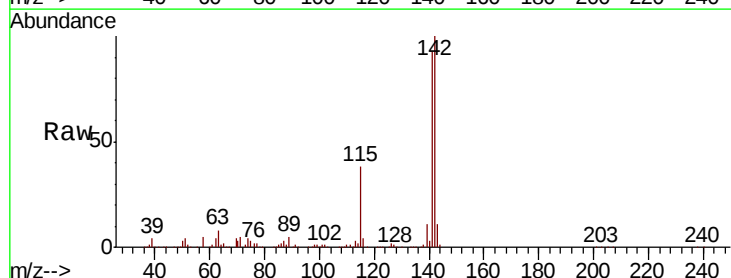


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

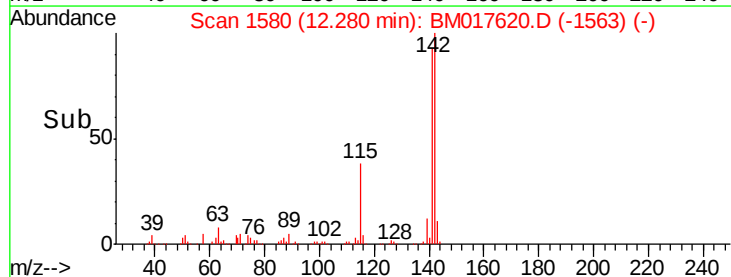
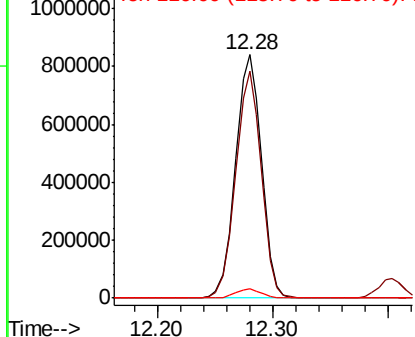


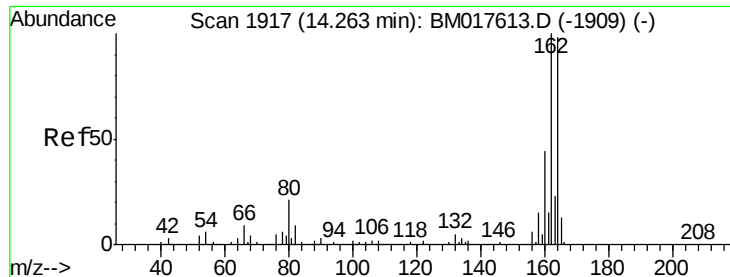
#38  
 1-Methylnaphthalene  
 Concen: 39.666 ng  
 RT: 12.28 min Scan# 1580  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion:142 Resp: 1300165  
 Ion Ratio Lower Upper  
 142 100  
 141 93.1 74.2 111.4  
 116 4.1 3.1 4.7



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: 14.26 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampled :

RT-3263MS

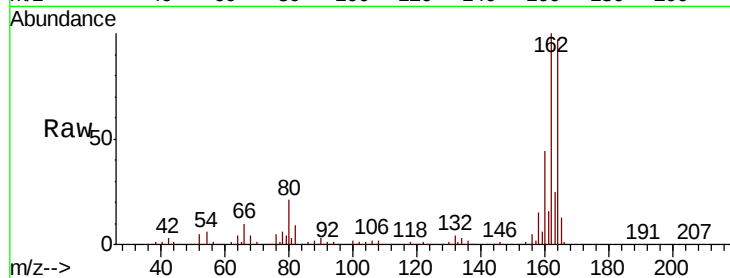
Tgt Ion:164 Resp: 574575

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

160 45.3 35.6 53.4

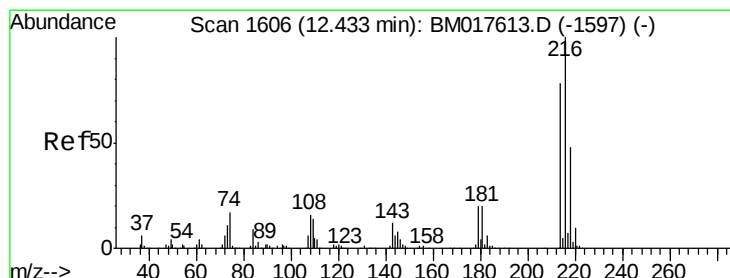
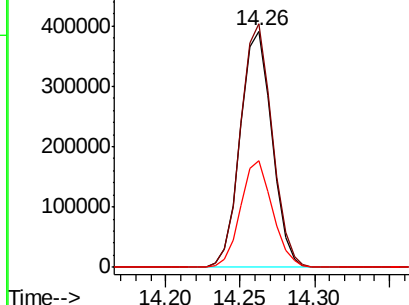
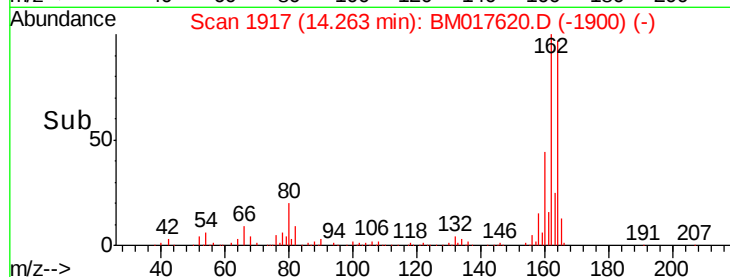


Abundance

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: 34.634 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion:216 Resp: 701718

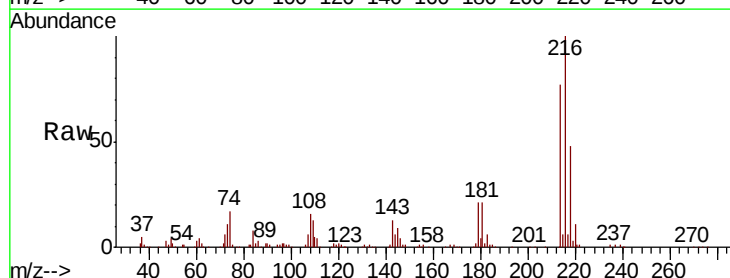
Ion Ratio Lower Upper

216 100

214 78.7 62.5 93.7

179 21.0 16.8 25.2

108 20.6 14.6 22.0



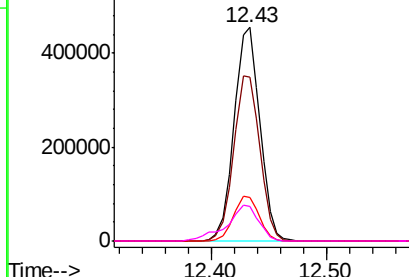
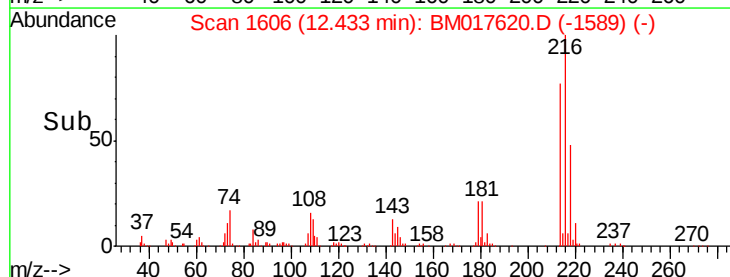
Abundance

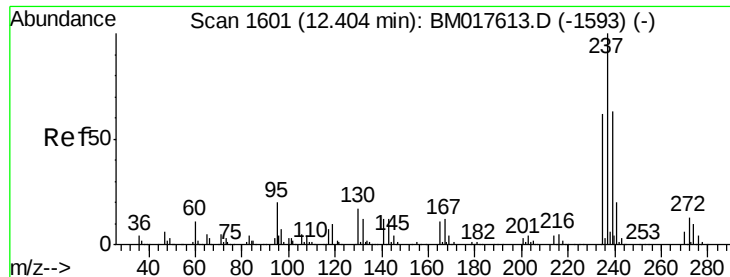
Ion 216.00 (215.70 to 216.70): E

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: 82.377 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

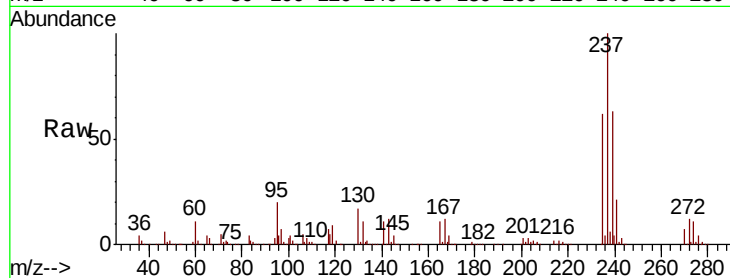
Tgt Ion:237 Resp: 862448

Ion Ratio Lower Upper

237 100

235 62.2 42.2 82.2

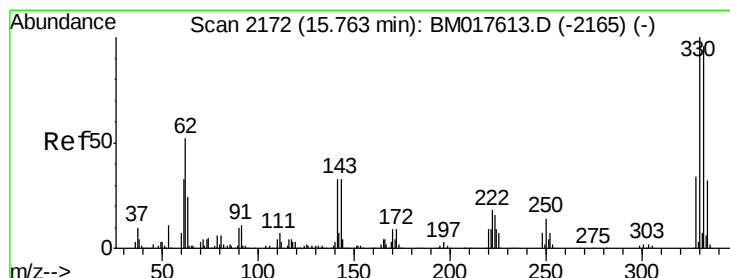
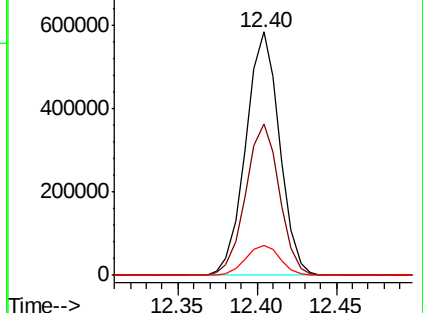
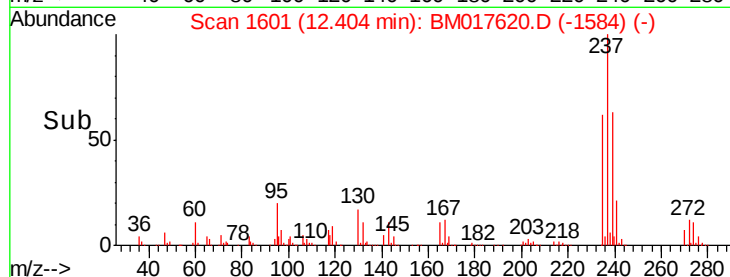
272 12.3 0.0 32.6



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: 122.947 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

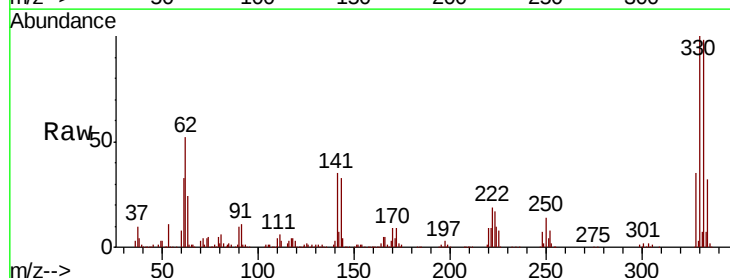
Tgt Ion:330 Resp: 1015032

Ion Ratio Lower Upper

330 100

332 96.2 77.9 116.9

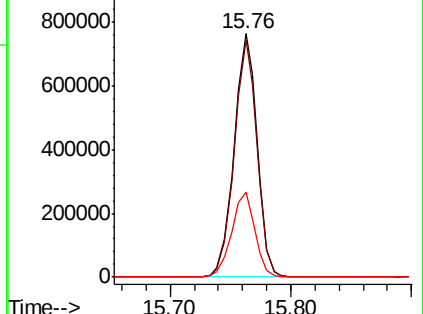
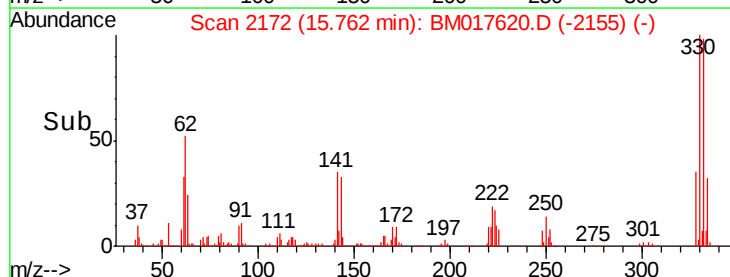
141 35.0 27.5 41.3

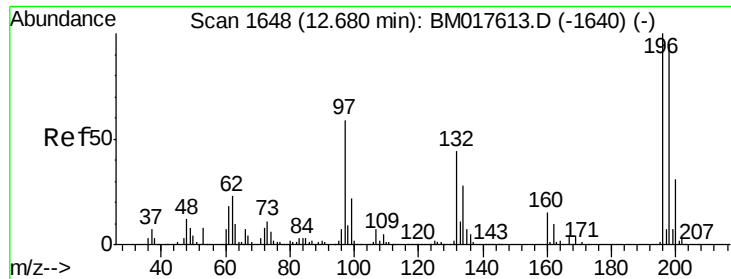


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

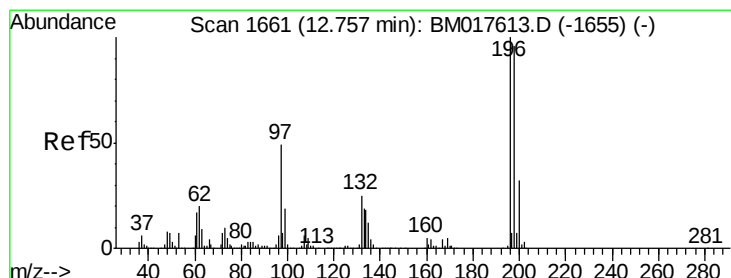
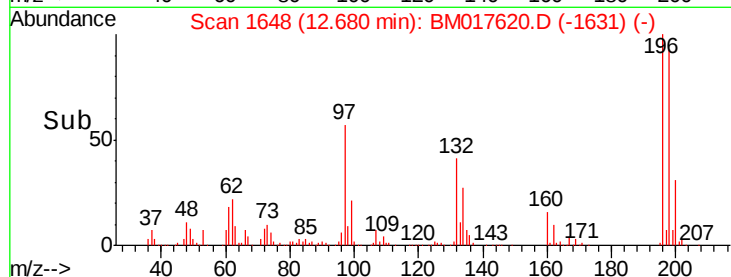
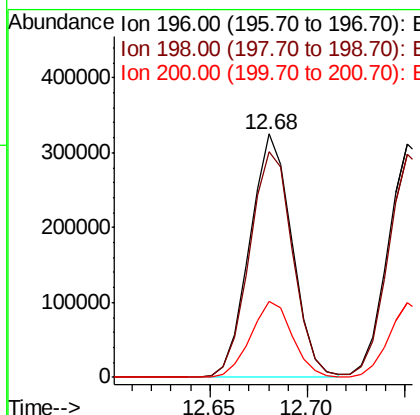
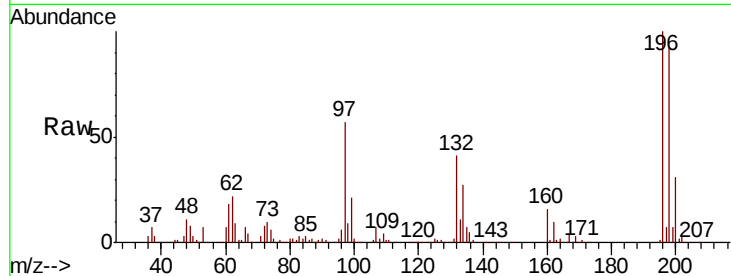




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.345 ng  
 RT: 12.68 min Scan# 1648  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

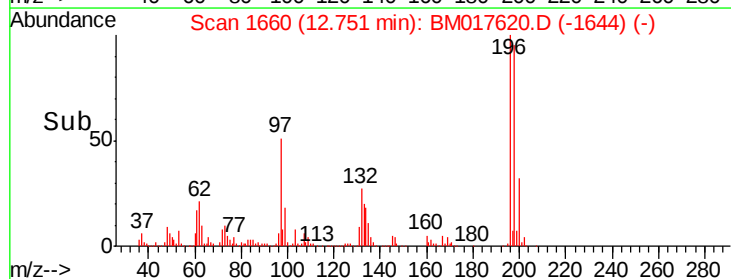
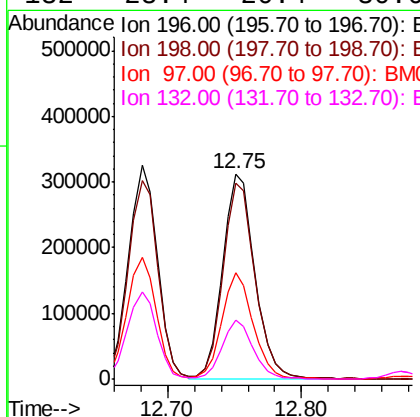
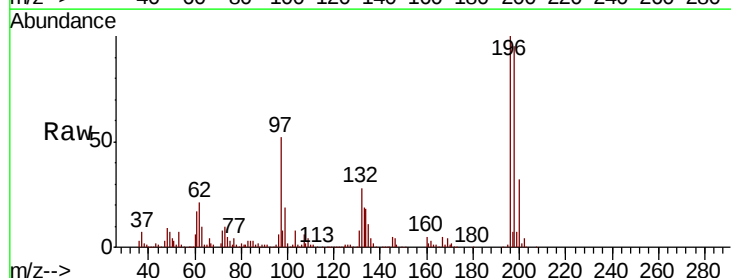
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

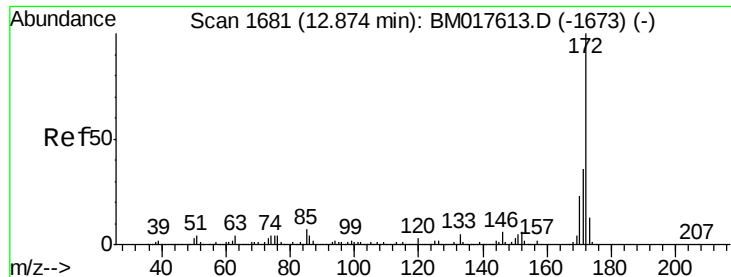
Tgt Ion:196 Resp: 486634  
 Ion Ratio Lower Upper  
 196 100  
 198 92.9 75.6 113.4  
 200 31.4 24.8 37.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.940 ng  
 RT: 12.75 min Scan# 1660  
 Delta R.T. -0.01 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion:196 Resp: 521799  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 76.8 115.2  
 97 52.1 39.0 58.6  
 132 28.4 20.4 30.6

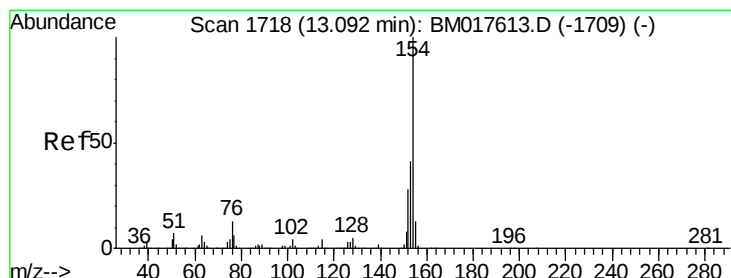
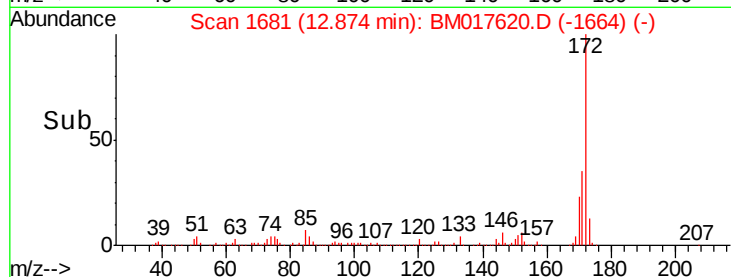
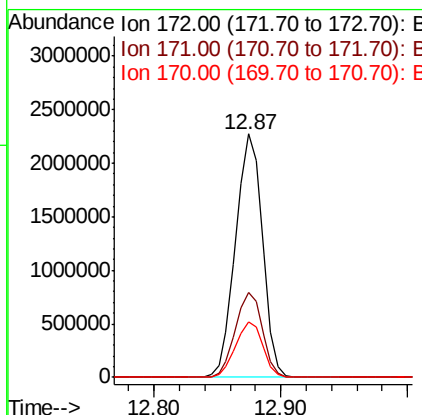
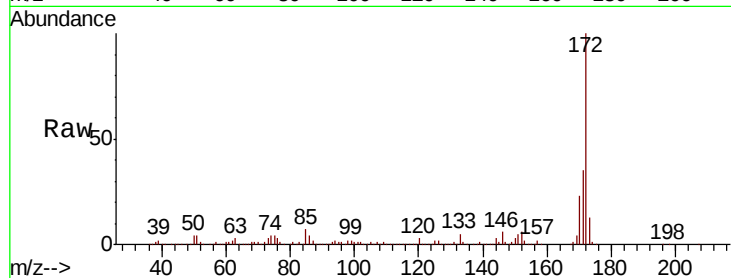




#45  
2-Fluorobiphenyl  
Concen: 75.205 ng  
RT: 12.87 min Scan# 1681  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

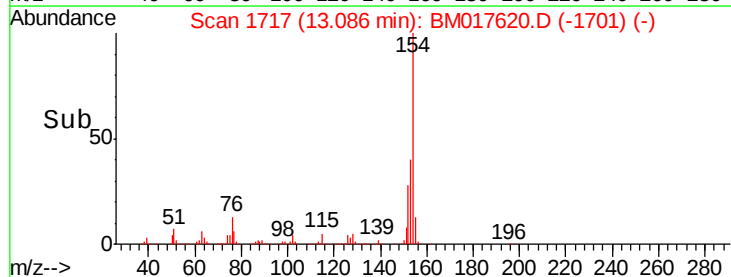
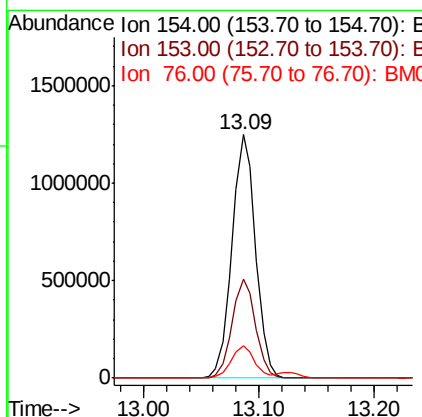
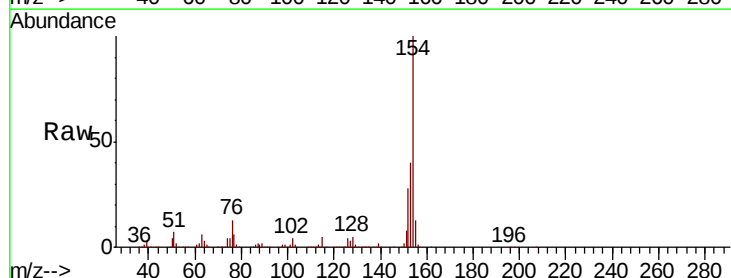
Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

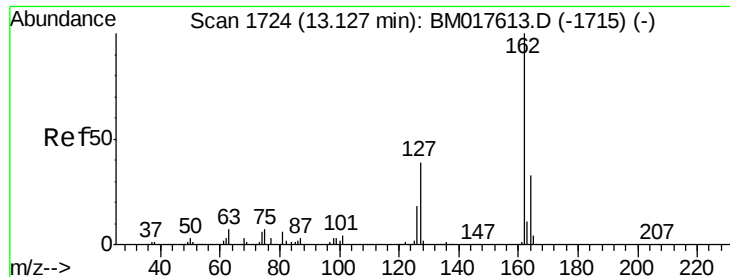
Tgt Ion:172 Resp: 3330725  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.7 43.1  
170 22.9 18.3 27.5



#46  
1,1'-Biphenyl  
Concen: 34.036 ng  
RT: 13.09 min Scan# 1717  
Delta R.T. -0.01 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion:154 Resp: 1755404  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.8 60.8  
76 13.2 0.0 32.8

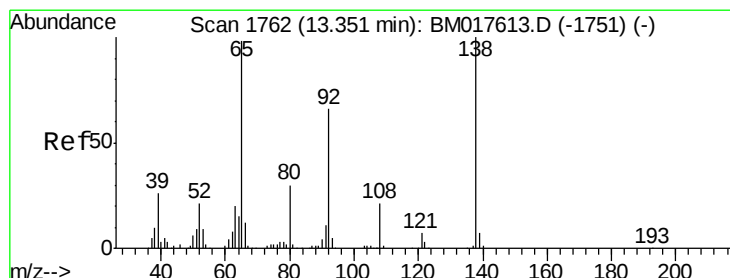
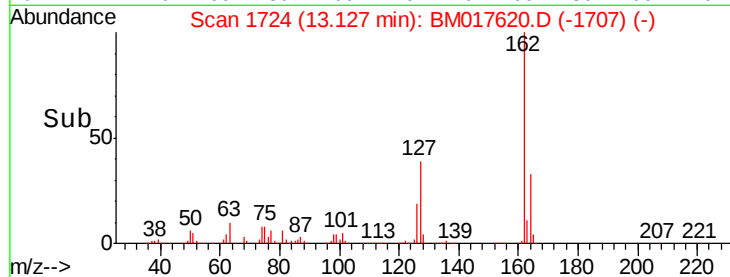
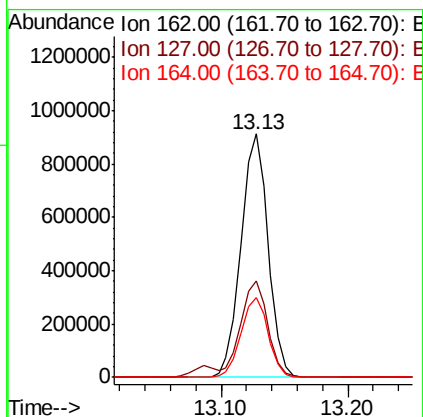
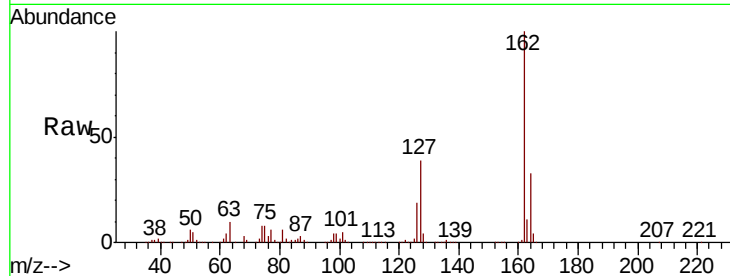




#47  
2-Chloronaphthalene  
Concen: 35.379 ng  
RT: 13.13 min Scan# 1724  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

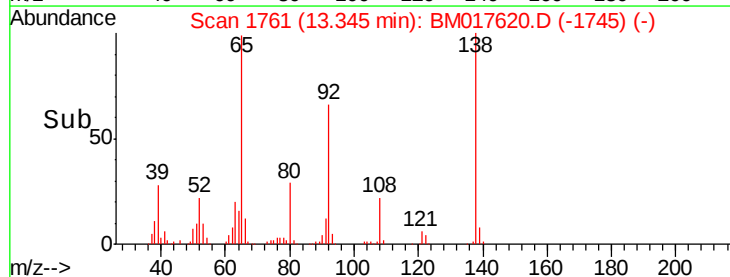
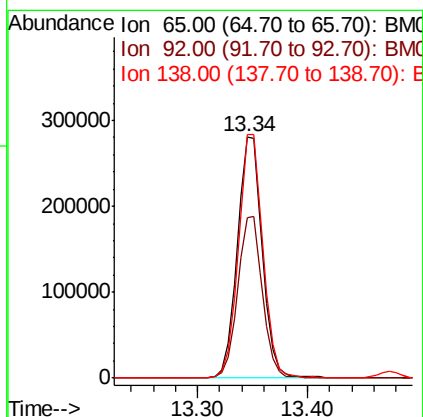
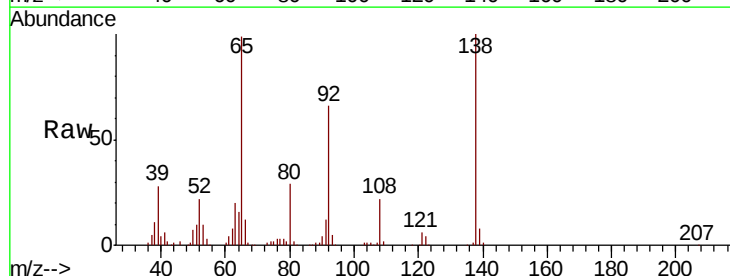
Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

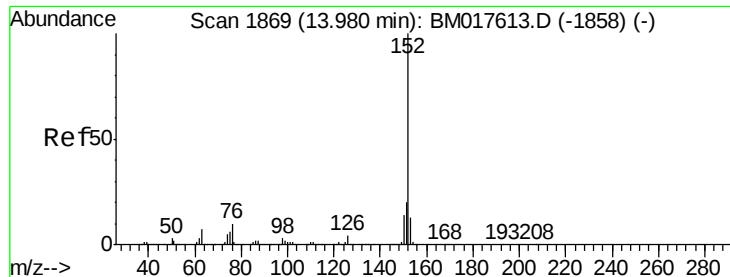
Tgt Ion: 162 Resp: 1354337  
Ion Ratio Lower Upper  
162 100  
127 39.4 32.6 48.8  
164 32.9 26.5 39.7



#48  
2-Nitroaniline  
Concen: 37.606 ng  
RT: 13.34 min Scan# 1761  
Delta R.T. -0.01 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion: 65 Resp: 445201  
Ion Ratio Lower Upper  
65 100  
92 66.5 53.7 80.5  
138 100.6 81.5 122.3





#49

Acenaphthylene

Concen: 39.111 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

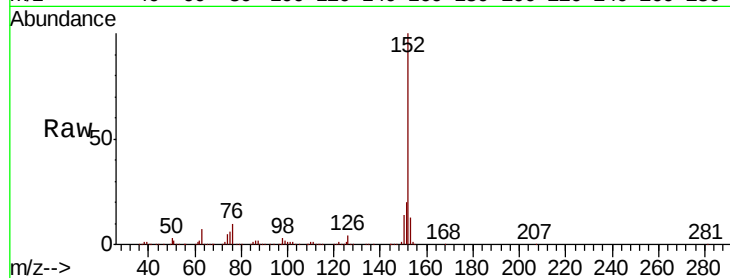
Tgt Ion:152 Resp: 2249481

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

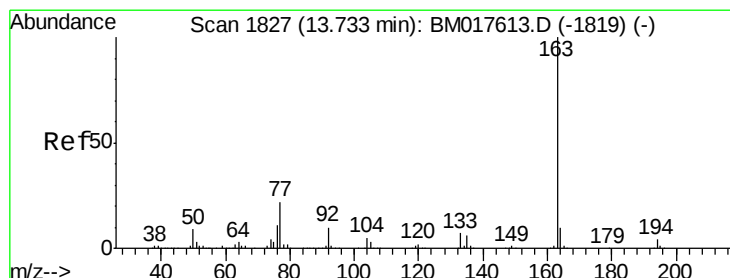
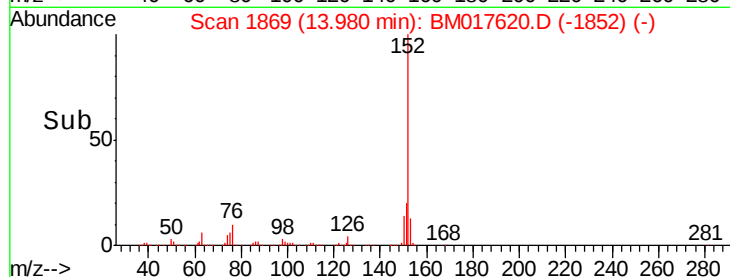
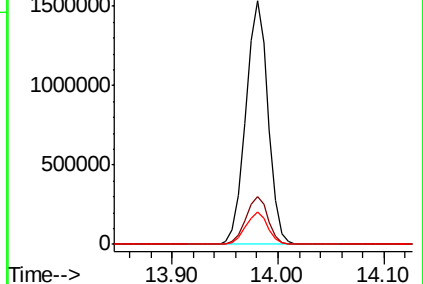
153 13.3 10.5 15.7



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: 41.890 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

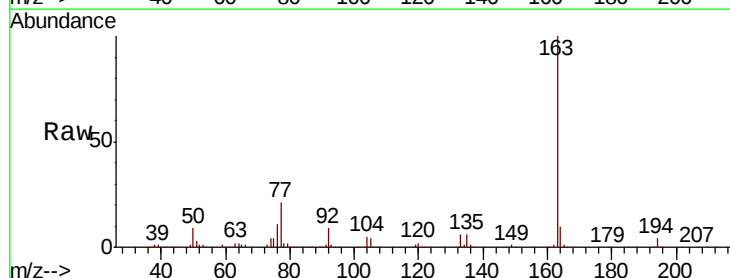
Tgt Ion:163 Resp: 1956876

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

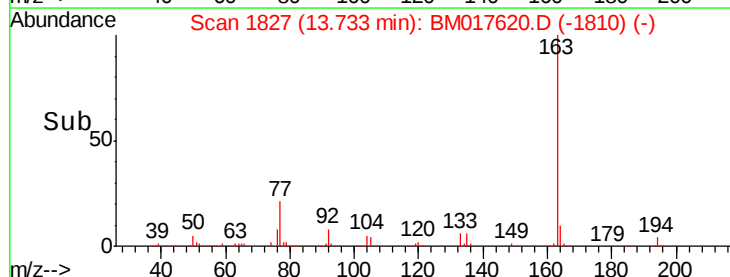
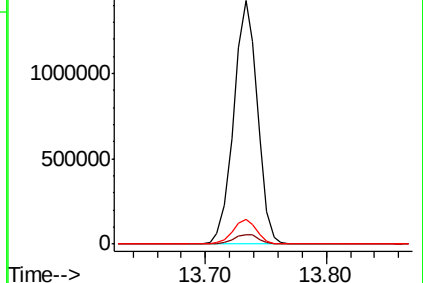
164 9.9 8.2 12.4

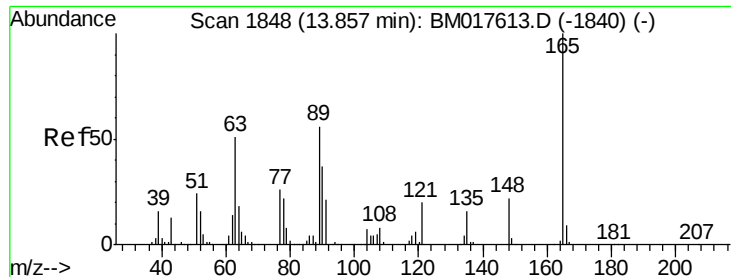


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

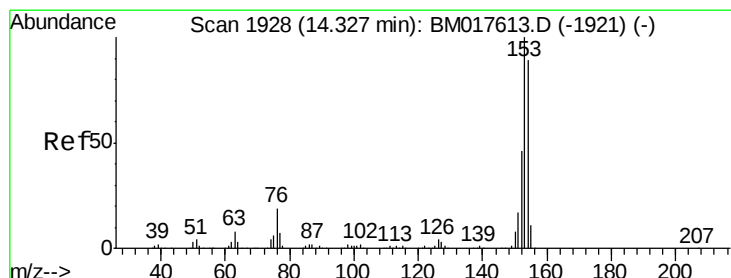
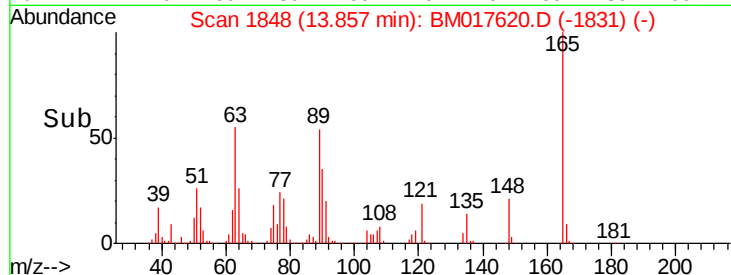
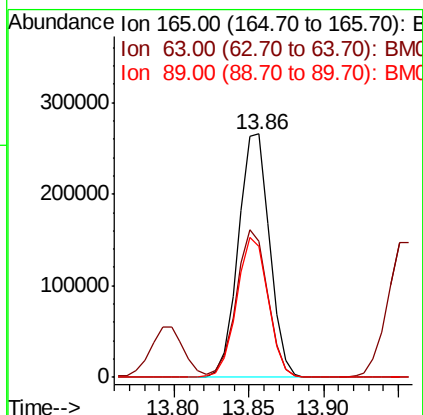
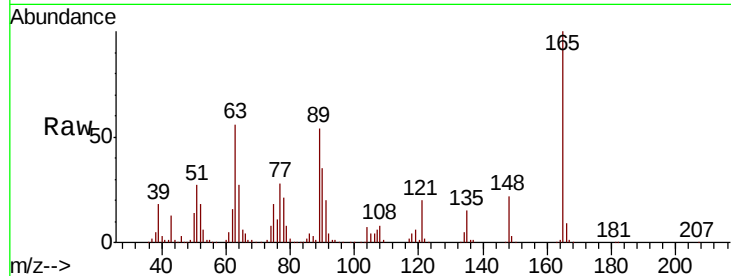




#51  
 2,6-Dinitrotoluene  
 Concen: 37.179 ng  
 RT: 13.86 min Scan# 1848  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

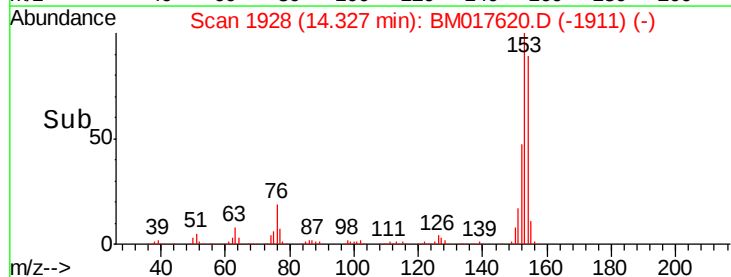
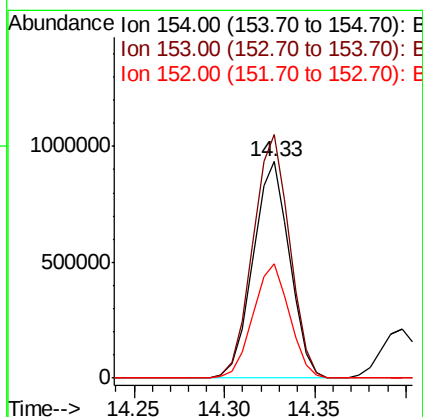
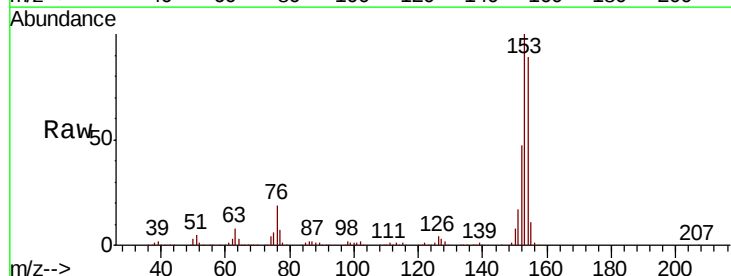
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

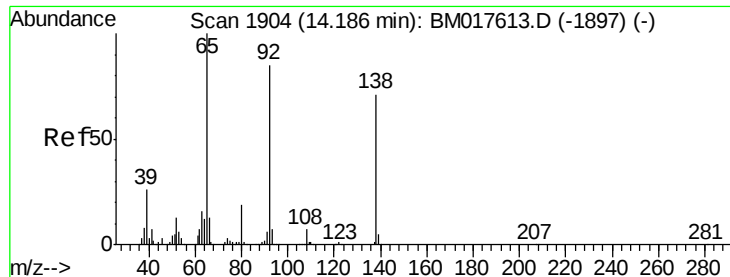
Tgt Ion:165 Resp: 386746  
 Ion Ratio Lower Upper  
 165 100  
 63 56.0 47.3 70.9  
 89 53.7 44.8 67.2



#52  
 Acenaphthene  
 Concen: 37.100 ng  
 RT: 14.33 min Scan# 1928  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion:154 Resp: 1309538  
 Ion Ratio Lower Upper  
 154 100  
 153 112.4 90.2 135.4  
 152 52.7 41.6 62.4

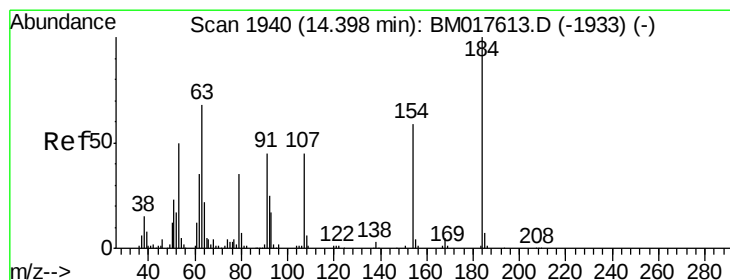
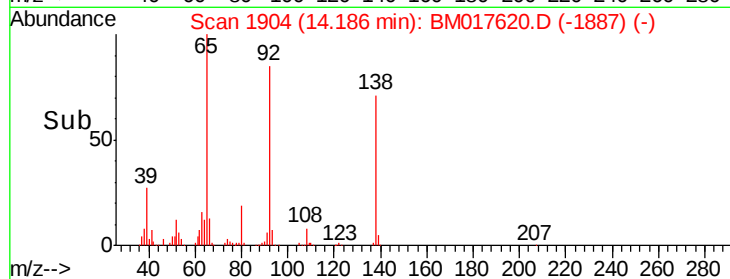
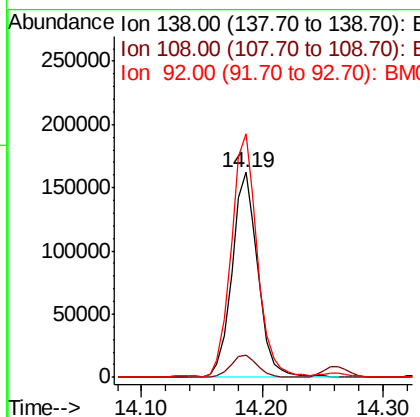
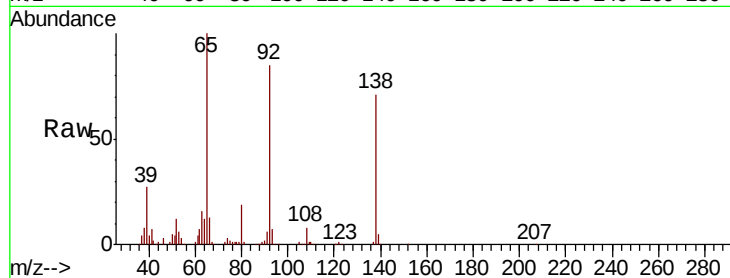




#53  
3-Nitroaniline  
Concen: 21.305 ng  
RT: 14.19 min Scan# 1904  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

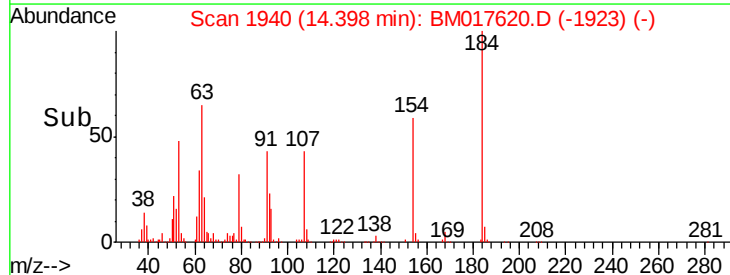
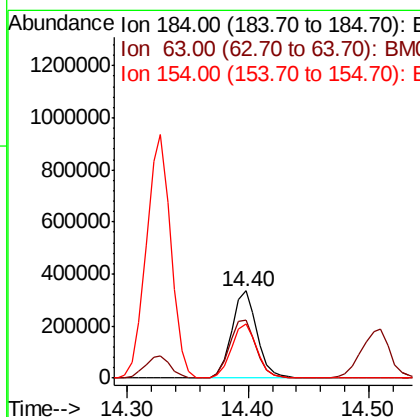
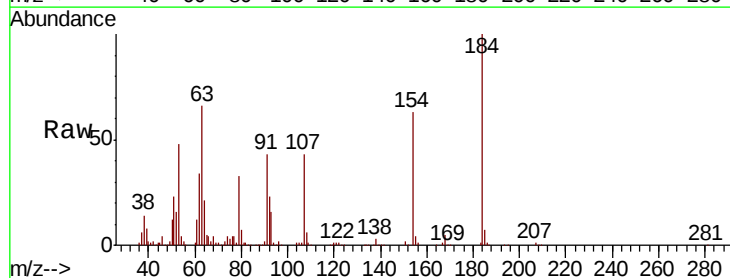
Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

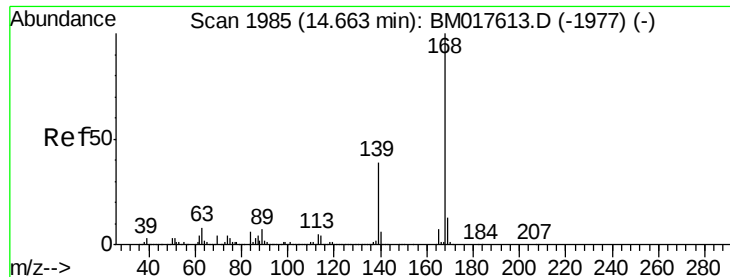
Tgt Ion:138 Resp: 241293  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.2 12.2  
92 119.0 95.4 143.2



#54  
2,4-Dinitrophenol  
Concen: 77.585 ng  
RT: 14.40 min Scan# 1940  
Delta R.T. 0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion:184 Resp: 491222  
Ion Ratio Lower Upper  
184 100  
63 66.1 55.1 82.7  
154 62.7 51.3 76.9





#55

Dibenzofuran

Concen: 36.336 ng

RT: 14.66 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

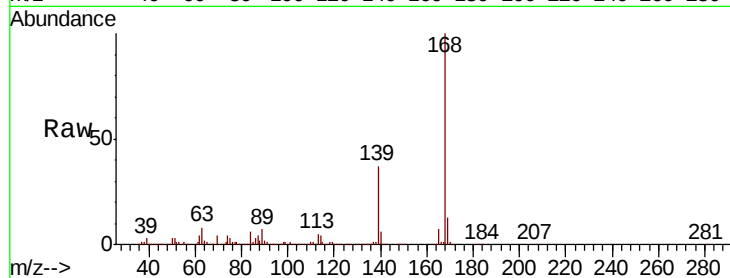
Tgt Ion:168 Resp: 2095956

Ion Ratio Lower Upper

168 100

139 37.1 31.0 46.6

169 13.5 10.6 16.0

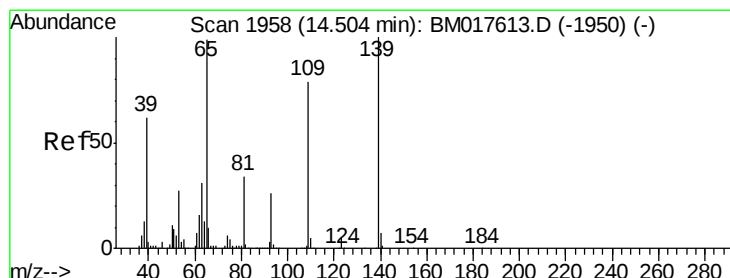
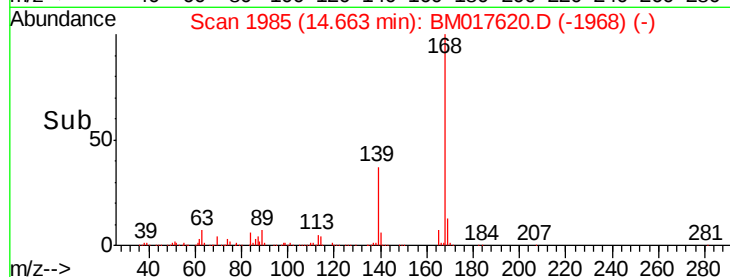
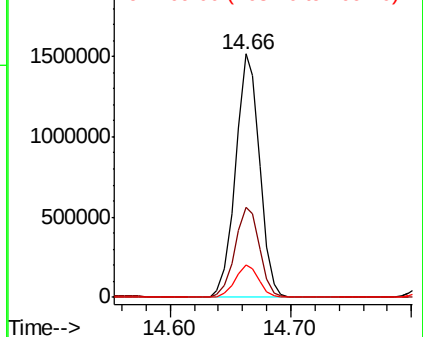


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 98.840 ng

RT: 14.51 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

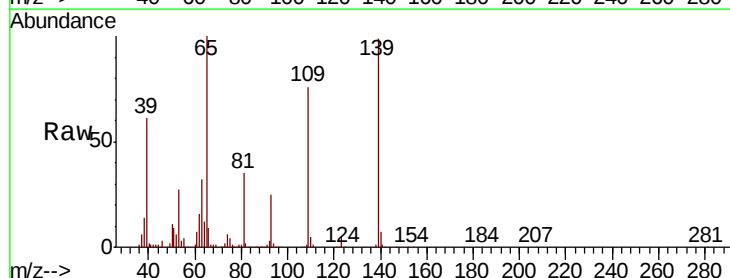
Tgt Ion:139 Resp: 952772

Ion Ratio Lower Upper

139 100

109 76.5 58.6 98.6

65 100.9 79.5 119.5

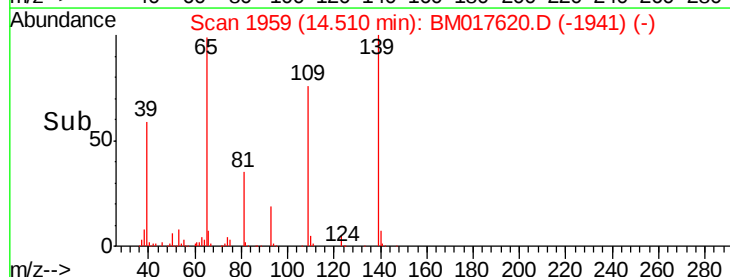
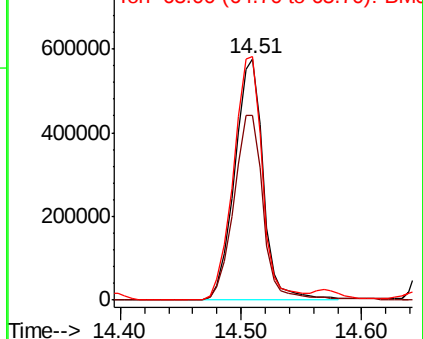


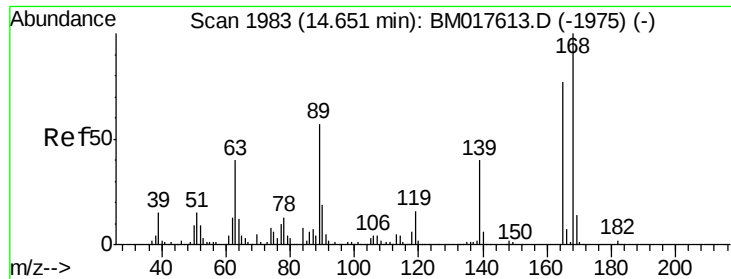
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

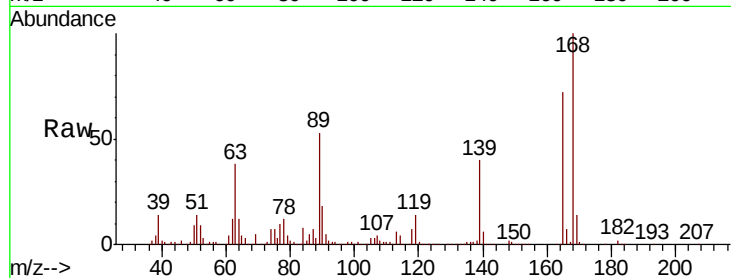




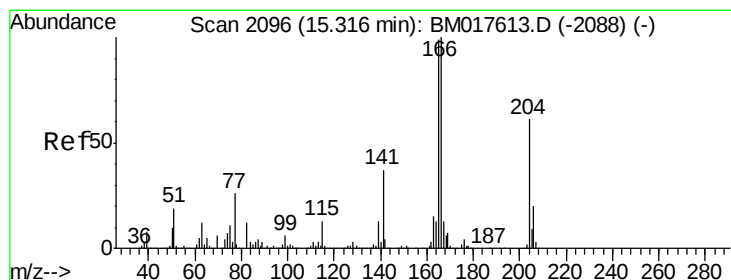
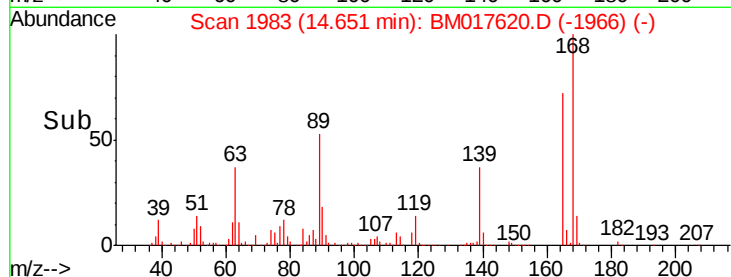
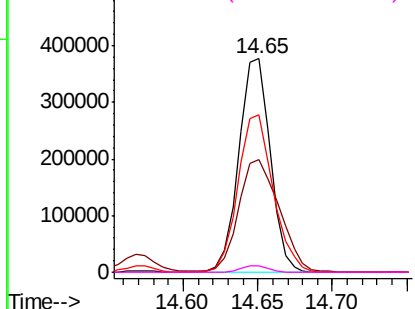
#57  
2,4-Dinitrotoluene  
Concen: 39.367 ng  
RT: 14.65 min Scan# 1983  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

Tgt Ion:165 Resp: 552008  
Ion Ratio Lower Upper  
165 100  
63 52.7 41.8 62.8  
89 73.6 59.5 89.3  
182 2.9 2.3 3.5

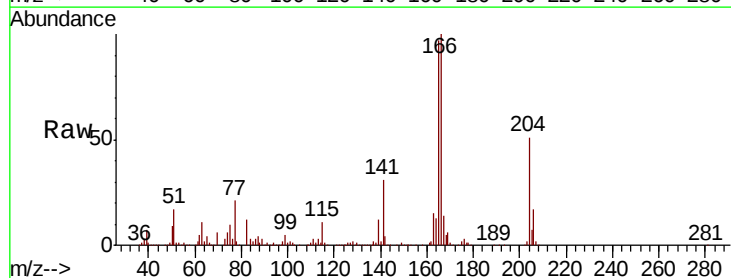


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM  
Ion 182.00 (181.70 to 182.70): E

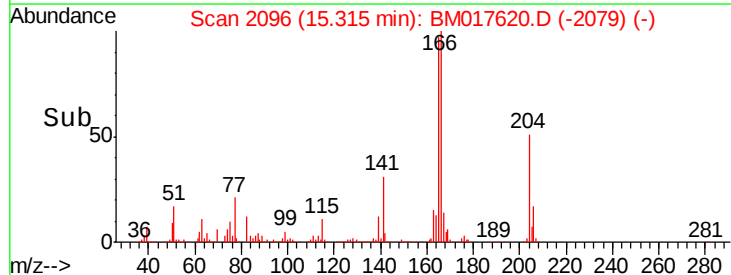
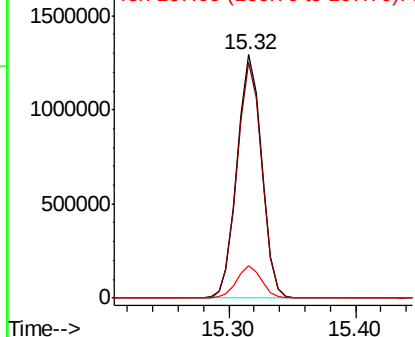


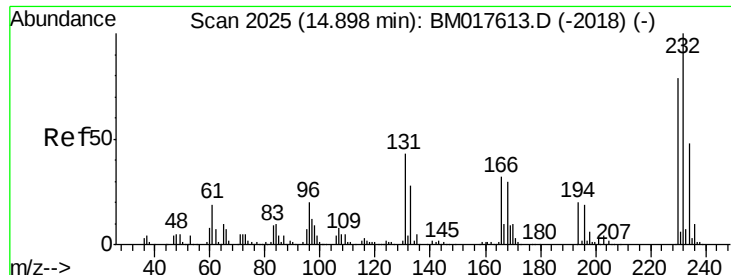
#58  
Fluorene  
Concen: 39.252 ng  
RT: 15.32 min Scan# 2096  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion:166 Resp: 1733348  
Ion Ratio Lower Upper  
166 100  
165 97.0 79.0 118.6  
167 13.6 10.8 16.2



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

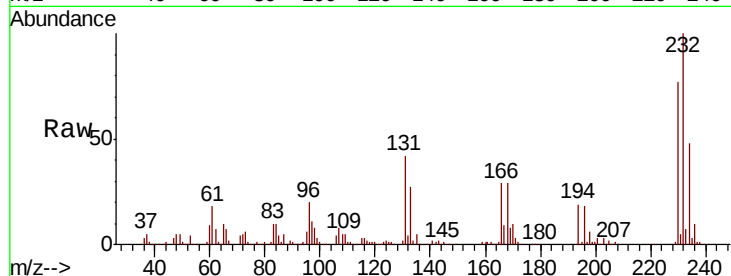




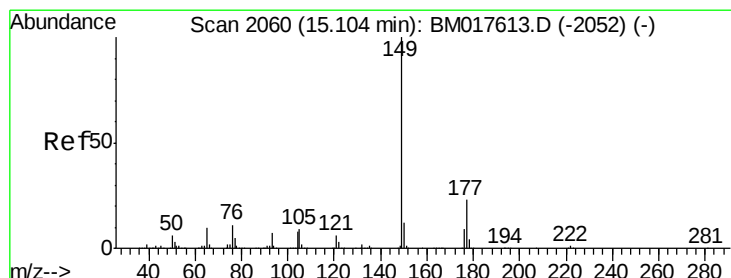
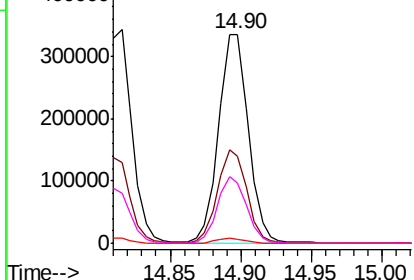
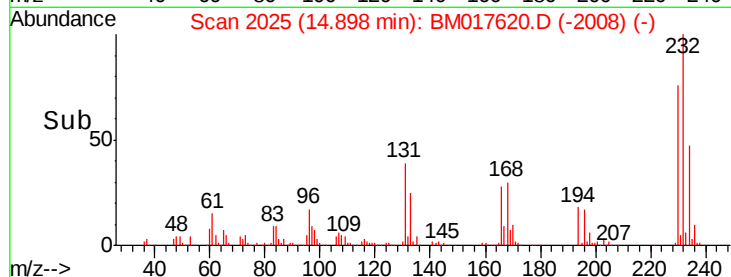
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.805 ng  
 RT: 14.90 min Scan# 2025  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 490589 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 43.8  | 34.8  | 52.2   |
| 130      | 2.4   | 1.9   | 2.9    |
| 166      | 31.2  | 25.3  | 37.9   |

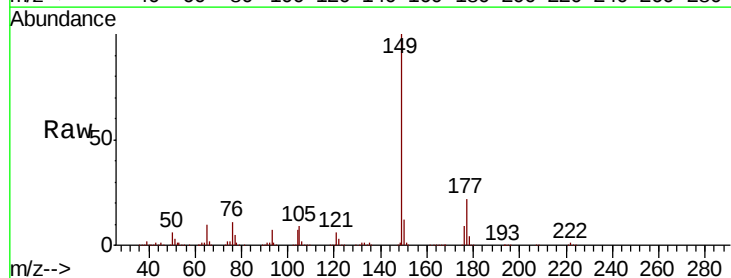


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

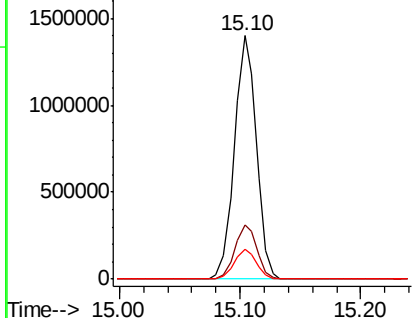
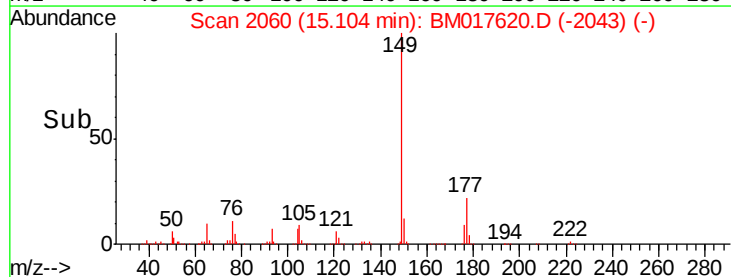


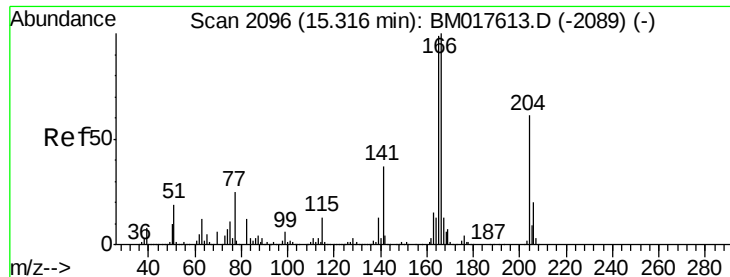
#60  
 Diethylphthalate  
 Concen: 35.099 ng  
 RT: 15.10 min Scan# 2060  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1771605 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.2  | 18.1  | 27.1    |
| 150      | 12.5  | 9.9   | 14.9    |



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

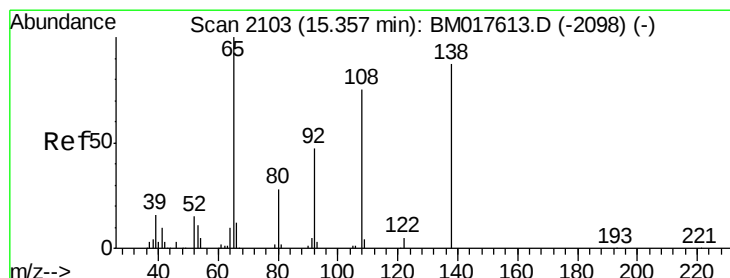
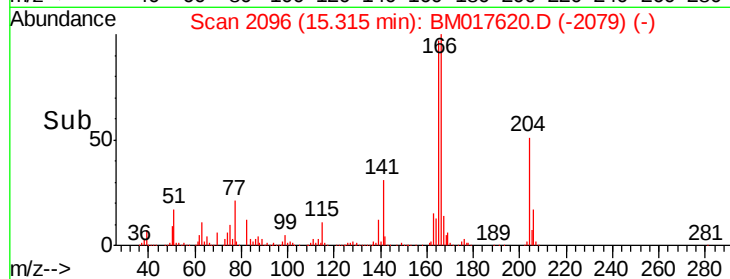
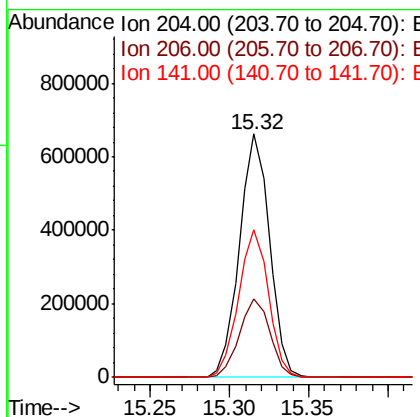
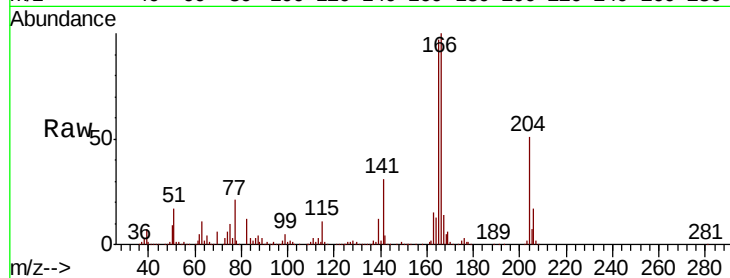




#61  
 4-Chlorophenyl-phenylether  
 Concen: 34.743 ng  
 RT: 15.32 min Scan# 2096  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

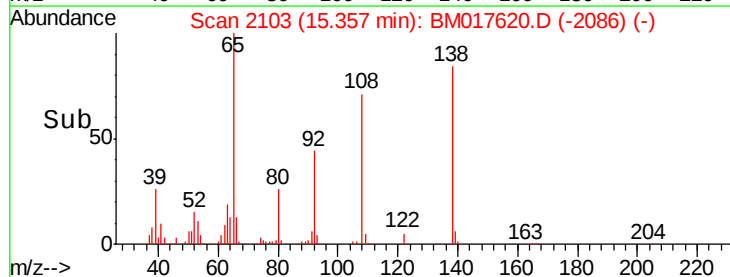
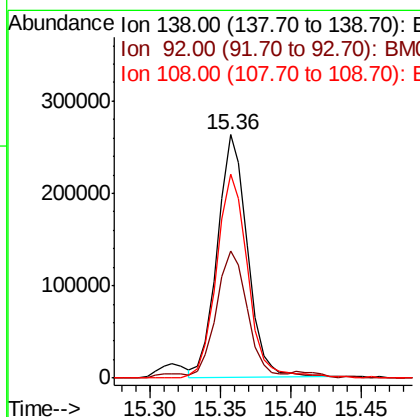
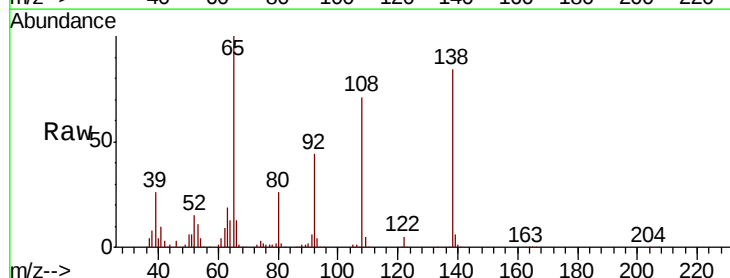
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

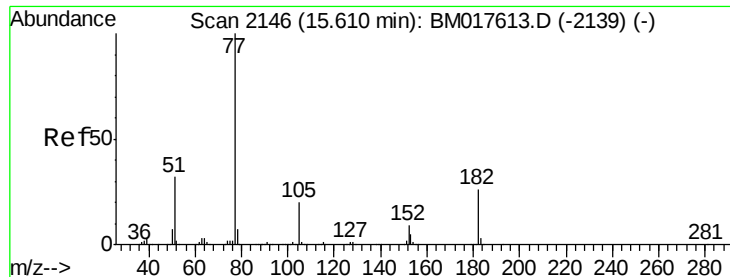
Tgt Ion:204 Resp: 871687  
 Ion Ratio Lower Upper  
 204 100  
 206 32.4 25.9 38.9  
 141 60.8 47.9 71.9



#62  
 4-Nitroaniline  
 Concen: 36.409 ng  
 RT: 15.36 min Scan# 2103  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion:138 Resp: 388617  
 Ion Ratio Lower Upper  
 138 100  
 92 52.3 33.4 73.4  
 108 83.8 64.3 104.3

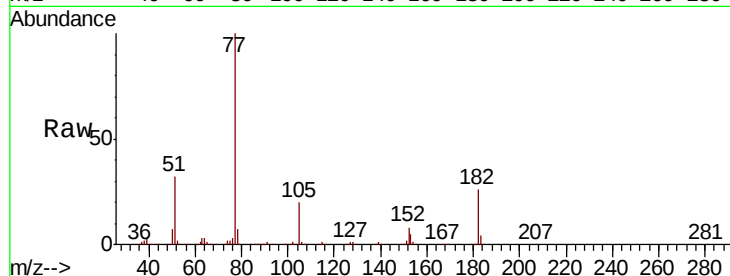




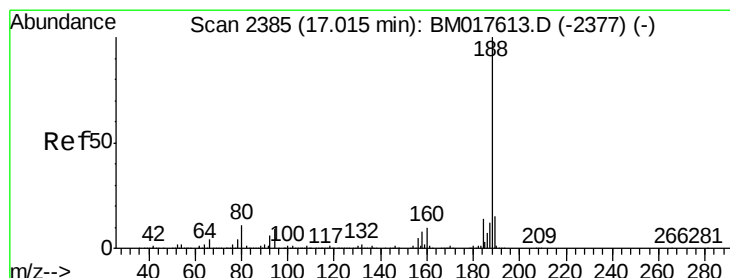
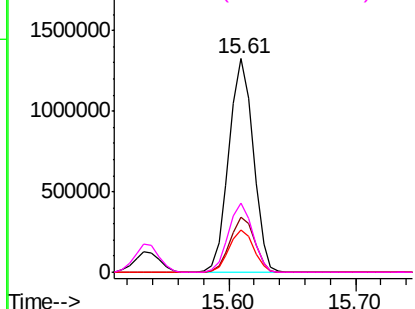
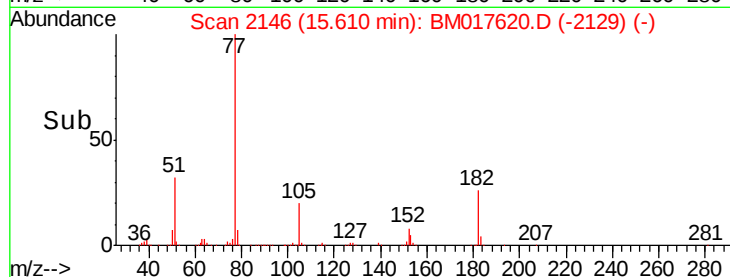
#63  
Azobenzene  
Concen: 37.729 ng  
RT: 15.61 min Scan# 2146  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

Tgt Ion: 77 Resp: 1760466  
Ion Ratio Lower Upper  
77 100  
182 25.6 5.8 45.8  
105 19.6 0.0 40.0  
51 32.2 12.5 52.5

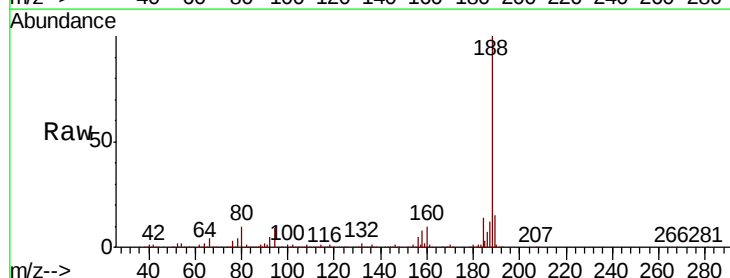


Abundance Ion 77.00 (76.70 to 77.70): BM017620.D (-2129) (-)  
Ion 182.00 (181.70 to 182.70): BM017620.D (-2129) (-)  
Ion 105.00 (104.70 to 105.70): BM017620.D (-2129) (-)  
Ion 51.00 (50.70 to 51.70): BM017620.D (-2129) (-)

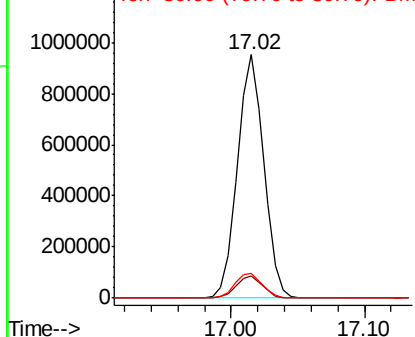
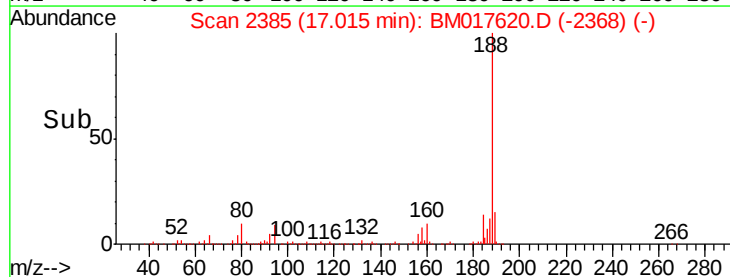


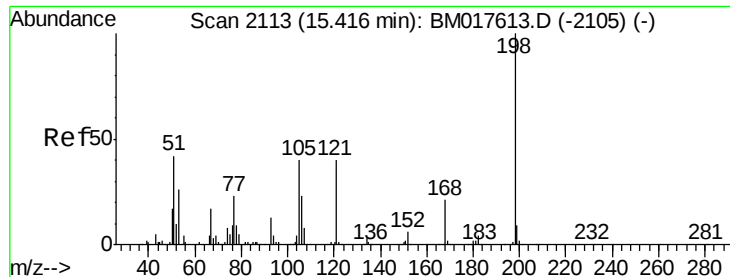
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.02 min Scan# 2385  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion: 188 Resp: 1305868  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.5 11.3  
80 10.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BM017620.D (-2368) (-)  
Ion 94.00 (93.70 to 94.70): BM017620.D (-2368) (-)  
Ion 80.00 (79.70 to 80.70): BM017620.D (-2368) (-)

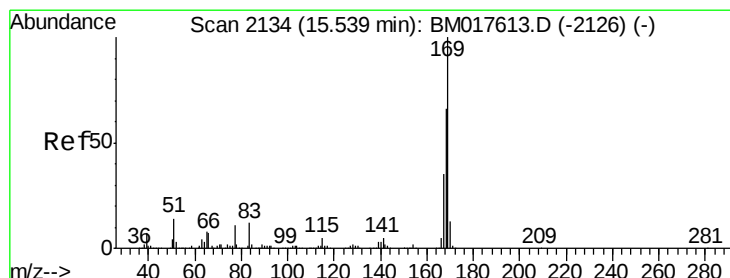
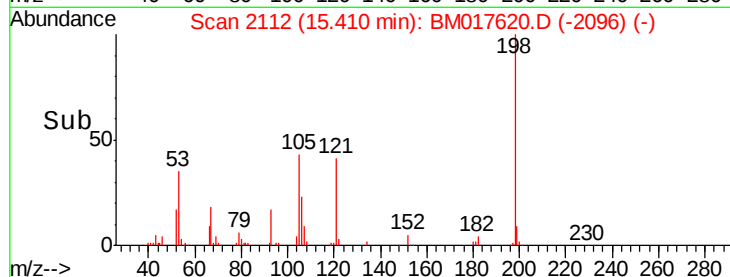
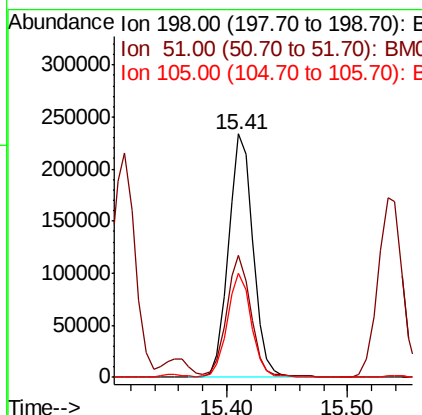
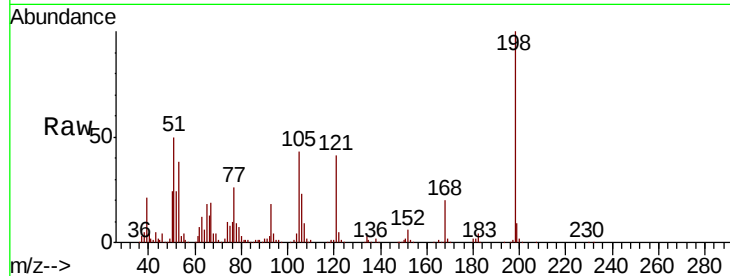




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.649 ng  
 RT: 15.41 min Scan# 2112  
 Delta R.T. -0.01 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

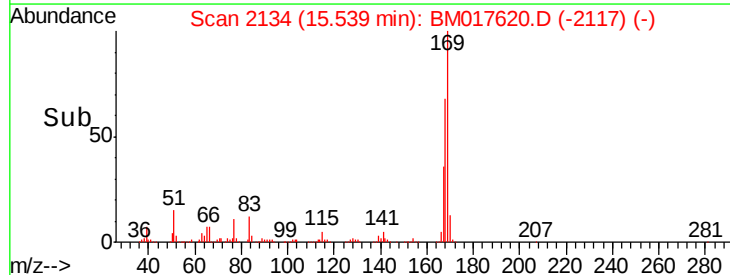
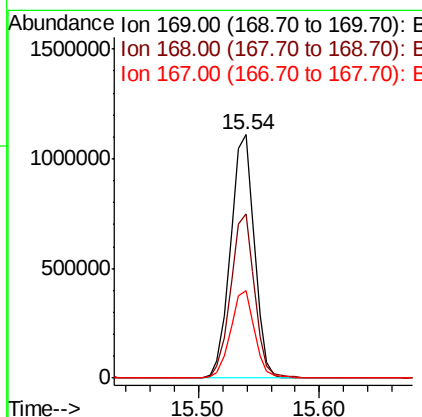
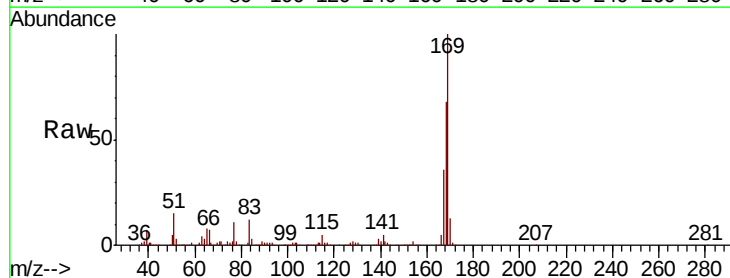
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-3263MS

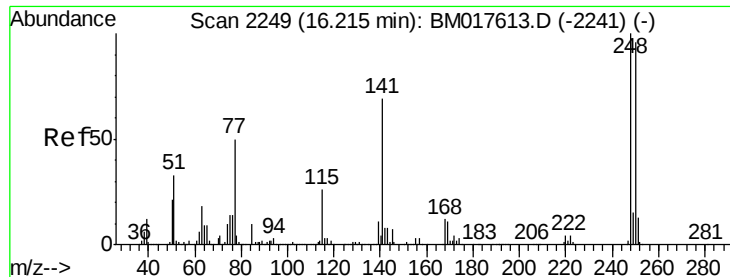
Tgt Ion:198 Resp: 331538  
 Ion Ratio Lower Upper  
 198 100  
 51 50.0 25.9 65.9  
 105 42.7 20.6 60.6



#66  
 n-Nitrosodiphenylamine  
 Concen: 36.350 ng  
 RT: 15.54 min Scan# 2134  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion:169 Resp: 1526166  
 Ion Ratio Lower Upper  
 169 100  
 168 67.7 53.0 79.6  
 167 35.7 28.0 42.0

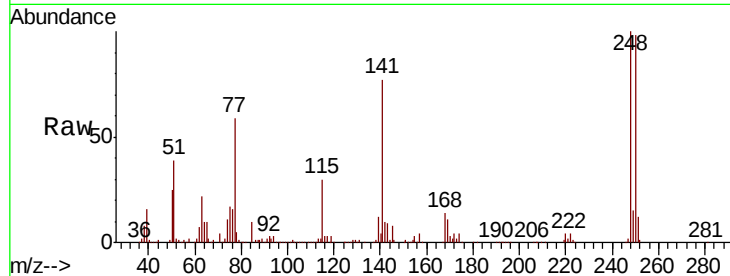




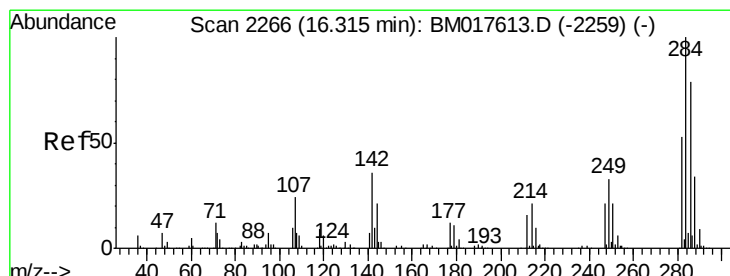
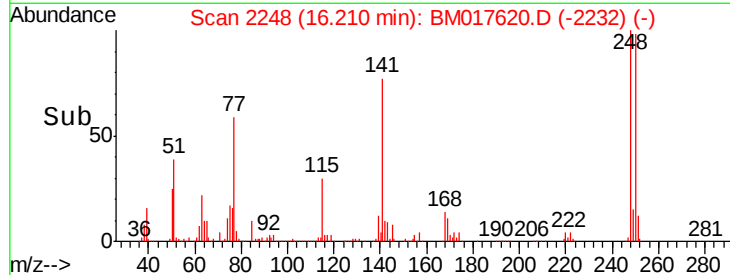
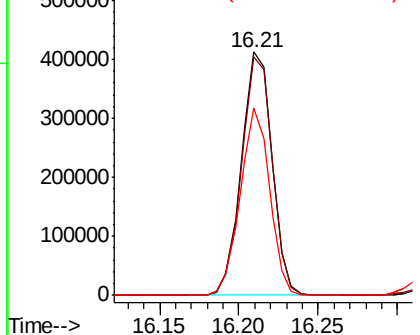
#67  
 4-Bromophenyl-phenylether  
 Concen: 35.787 ng  
 RT: 16.21 min Scan# 2248  
 Delta R.T. -0.01 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Instrument :  
 BNA\_M  
 ClientSampled :  
 RT-3263MS

Tgt Ion: 248 Resp: 552708  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 76.5 114.7  
 141 77.1 54.9 82.3

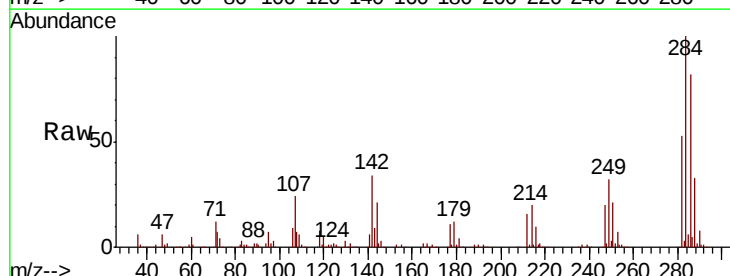


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

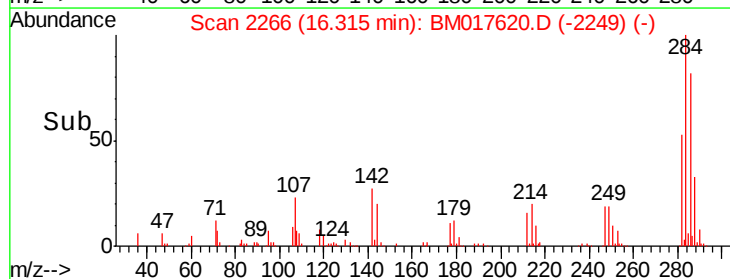
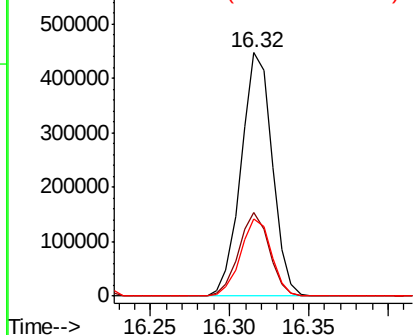


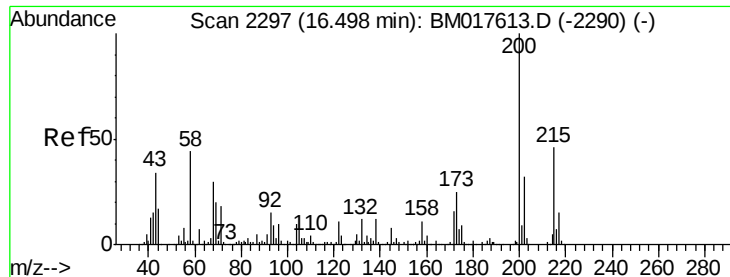
#68  
 Hexachlorobenzene  
 Concen: 35.015 ng  
 RT: 16.32 min Scan# 2266  
 Delta R.T. -0.00 min  
 Lab File: BM017620.D  
 Acq: 12 Nov 2018 19:32

Tgt Ion: 284 Resp: 609643  
 Ion Ratio Lower Upper  
 284 100  
 142 34.1 28.4 42.6  
 249 31.6 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.704 ng

RT: 16.50 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

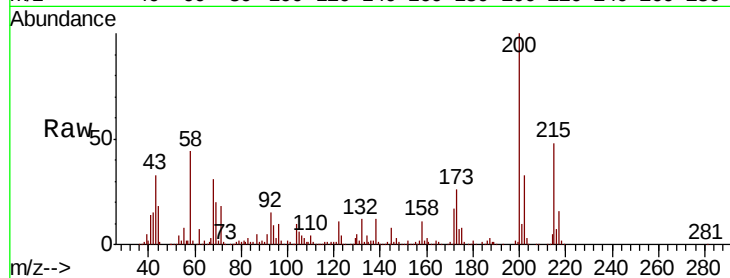
Tgt Ion:200 Resp: 566792

Ion Ratio Lower Upper

200 100

173 26.5 5.1 45.1

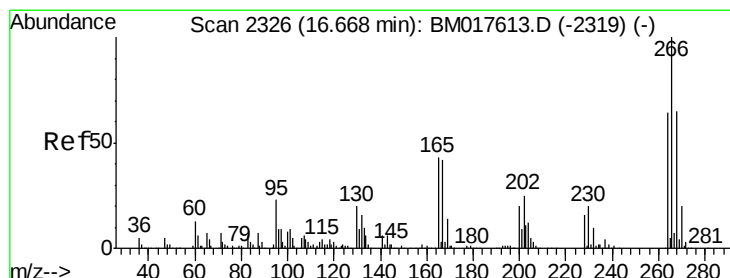
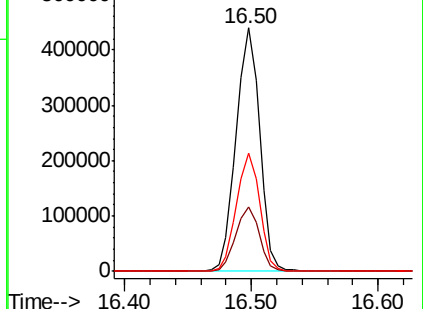
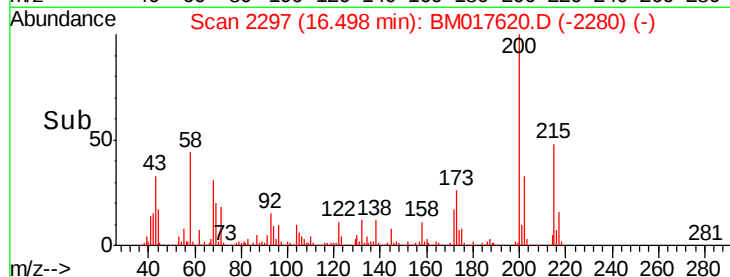
215 48.3 25.8 65.8



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: 63.165 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

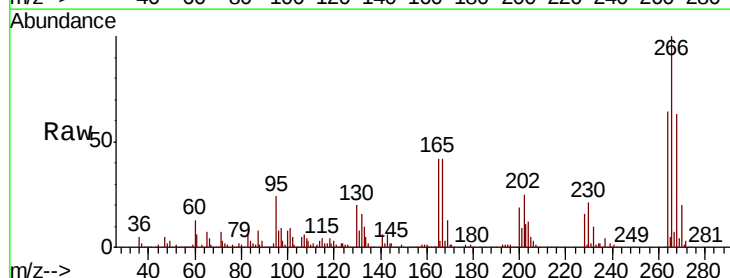
Tgt Ion:266 Resp: 770575

Ion Ratio Lower Upper

266 100

268 63.1 51.7 77.5

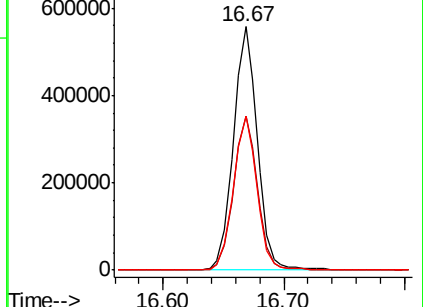
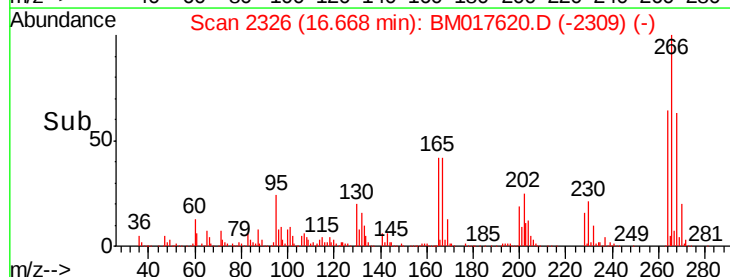
264 63.5 51.3 76.9

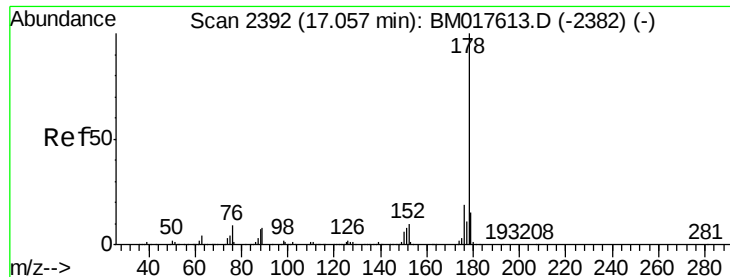


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

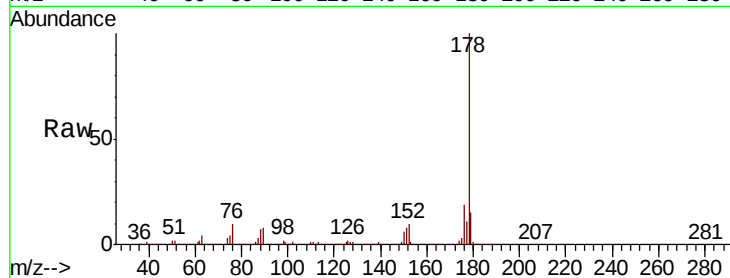




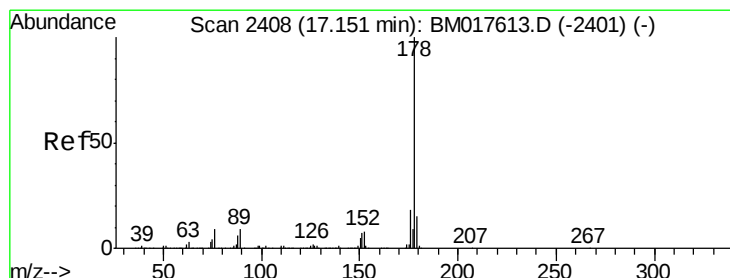
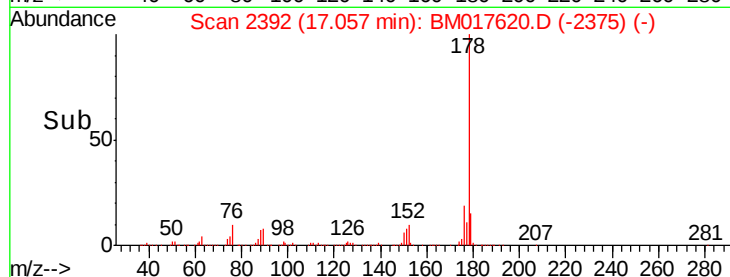
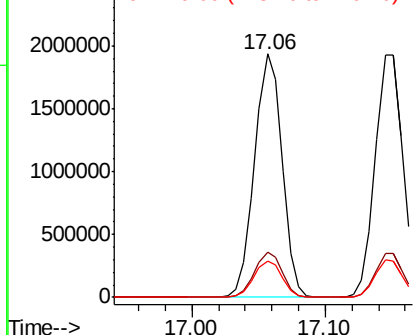
#71  
Phenanthrene  
Concen: 38.755 ng  
RT: 17.06 min Scan# 2392  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

Tgt Ion:178 Resp: 2746163  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.1 12.4 18.6

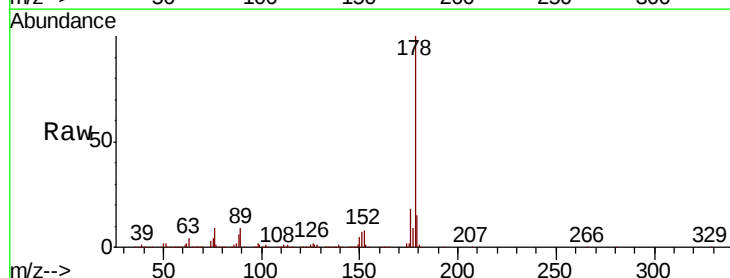


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

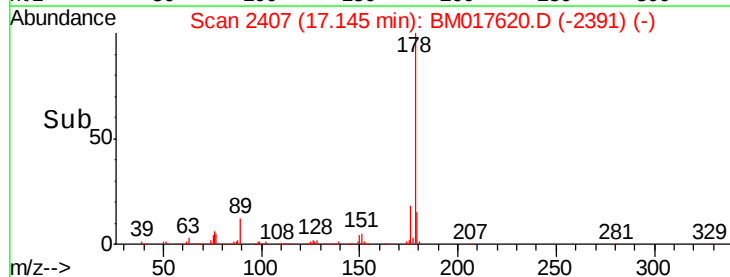
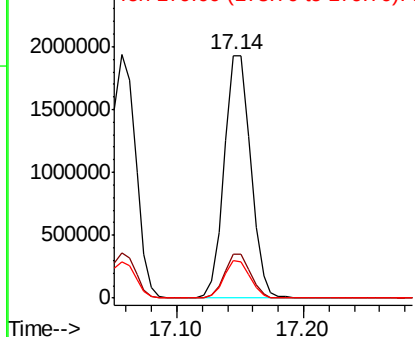


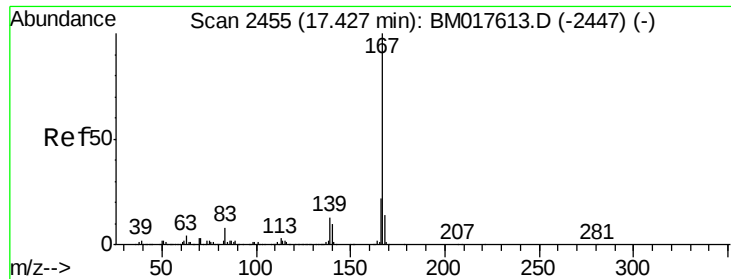
#72  
Anthracene  
Concen: 40.388 ng  
RT: 17.14 min Scan# 2407  
Delta R.T. -0.01 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion:178 Resp: 2784865  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.5 21.7  
179 15.4 12.3 18.5



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





#73

Carbazole

Concen: 36.829 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

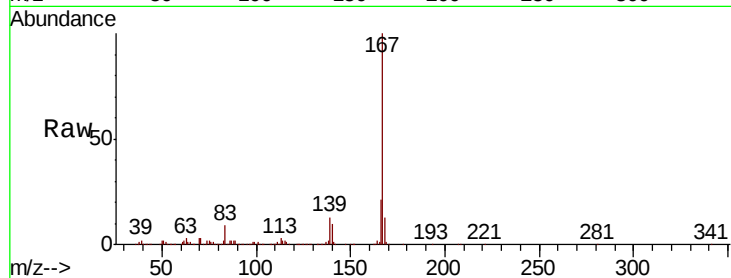
Tgt Ion:167 Resp: 2566089

Ion Ratio Lower Upper

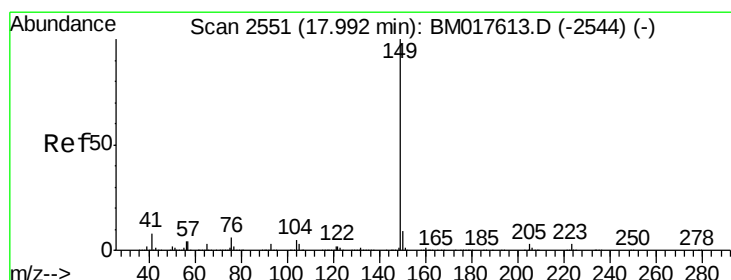
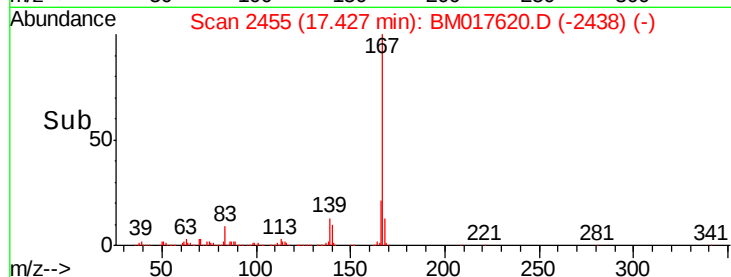
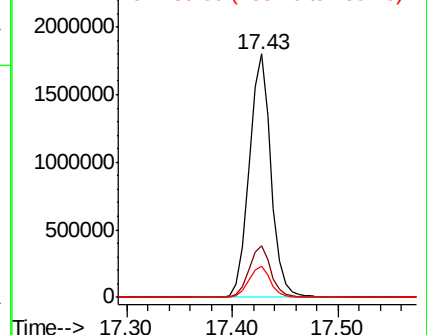
167 100

166 21.3 17.2 25.8

139 12.8 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.396 ng

RT: 17.99 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

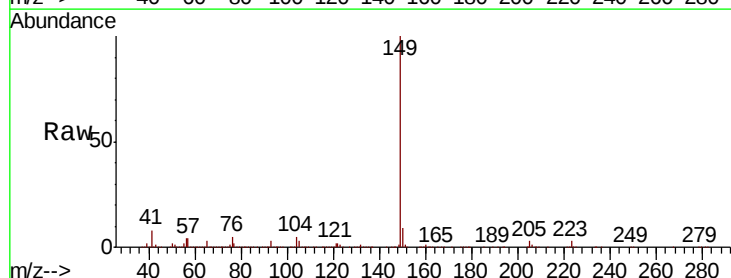
Tgt Ion:149 Resp: 3055628

Ion Ratio Lower Upper

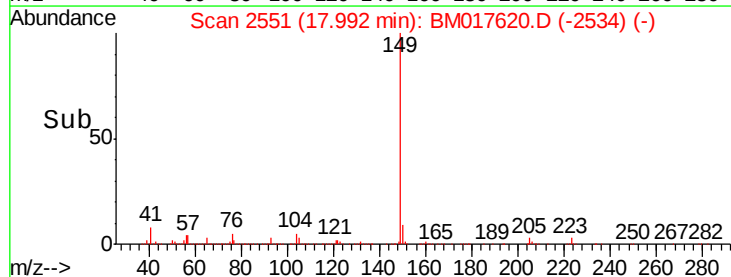
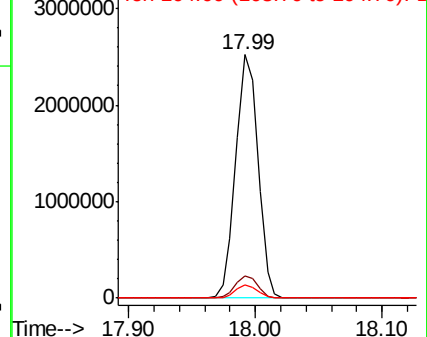
149 100

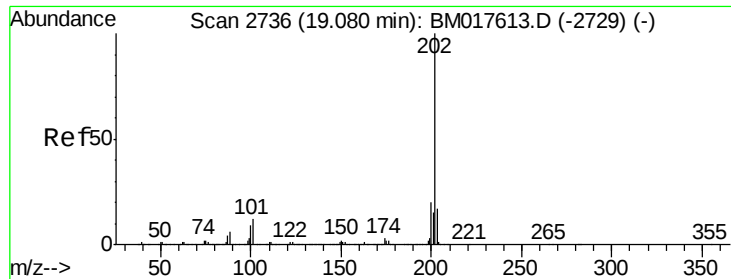
150 9.2 7.4 11.2

104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.336 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

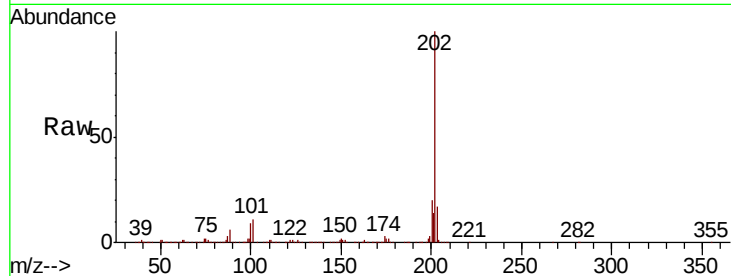
Tgt Ion:202 Resp: 3233897

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.5

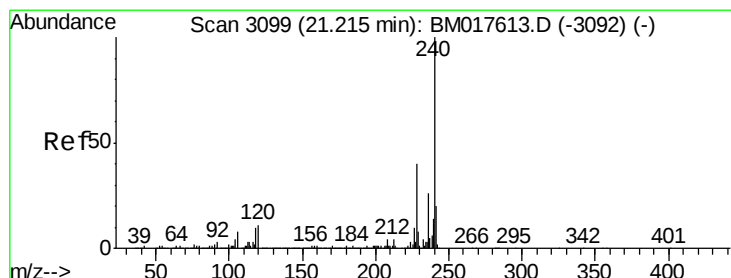
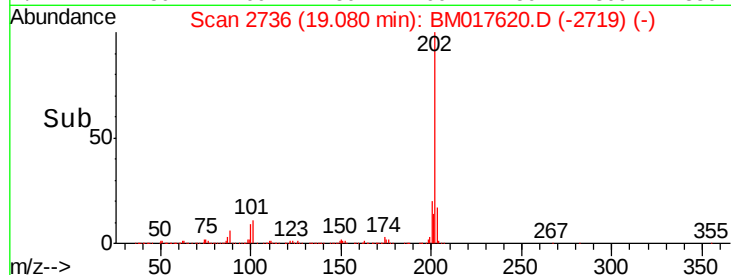
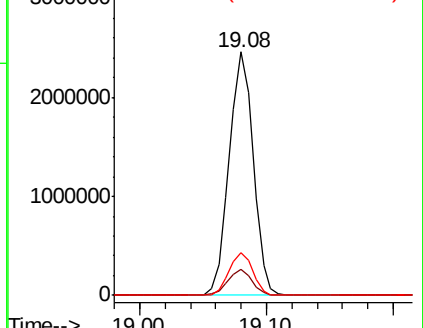
203 17.3 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

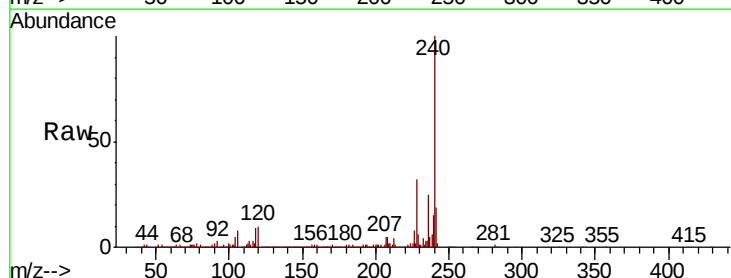
Tgt Ion:240 Resp: 1417536

Ion Ratio Lower Upper

240 100

120 10.3 8.5 12.7

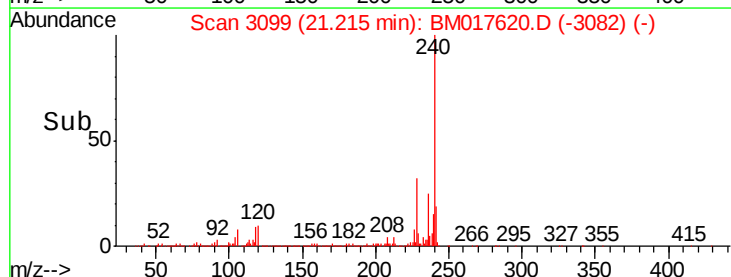
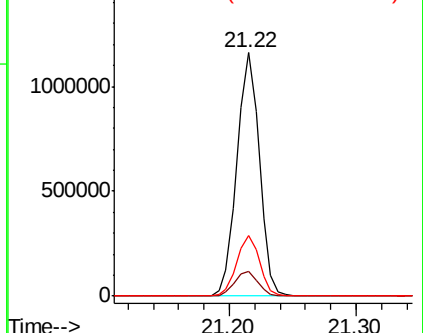
236 25.0 20.4 30.6

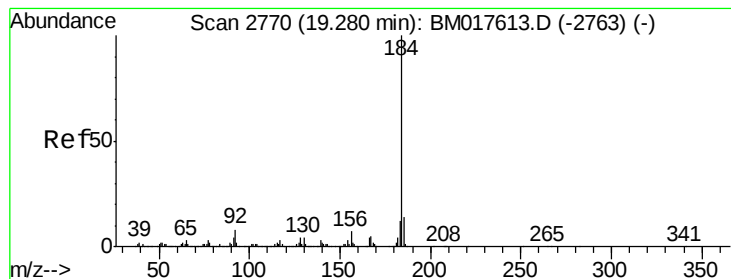


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.212 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

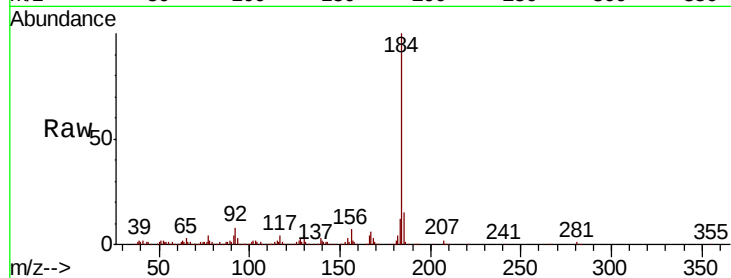
Tgt Ion:184 Resp: 656036

Ion Ratio Lower Upper

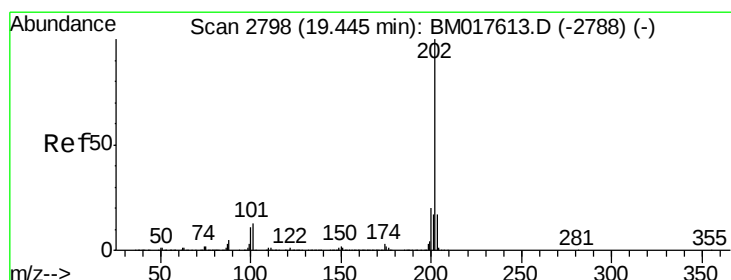
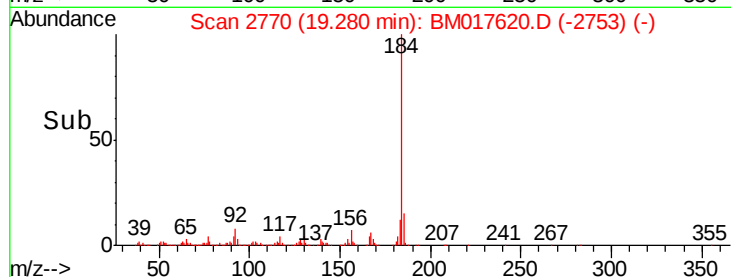
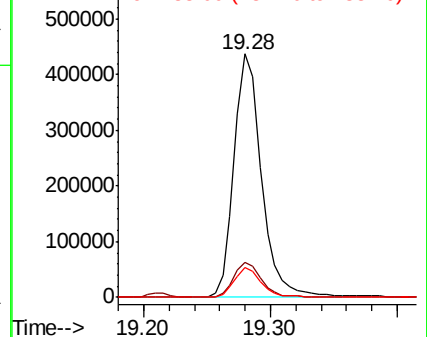
184 100

185 14.6 11.2 16.8

183 12.2 9.5 14.3



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: 37.445 ng

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

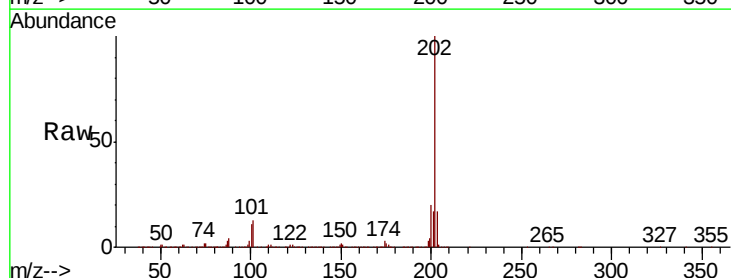
Tgt Ion:202 Resp: 3275067

Ion Ratio Lower Upper

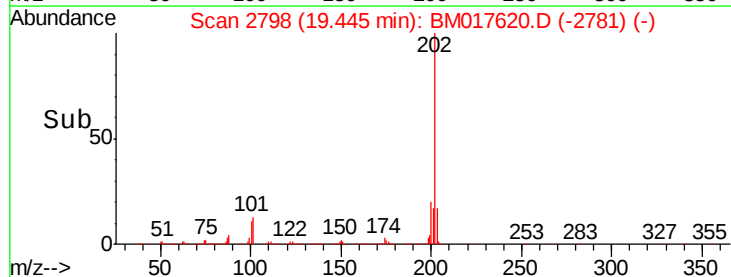
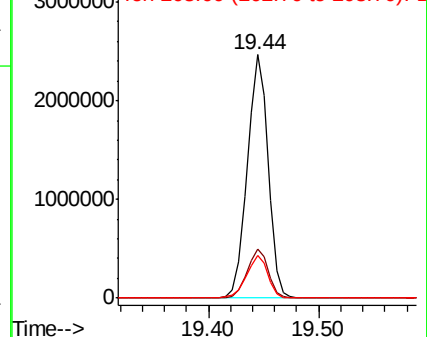
202 100

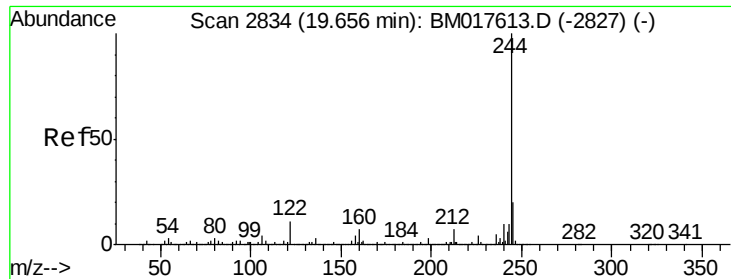
200 20.4 16.4 24.6

203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.029 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

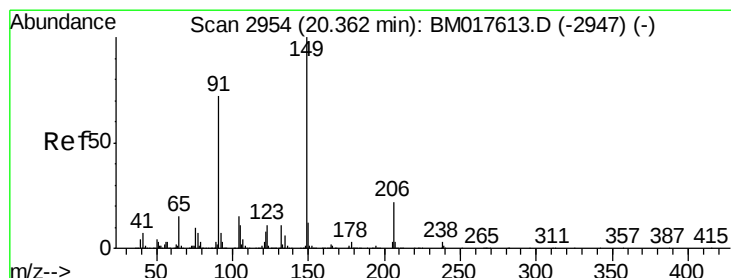
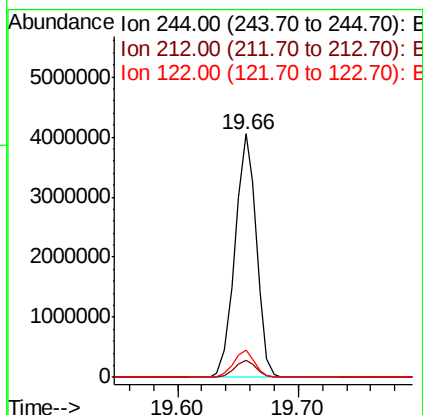
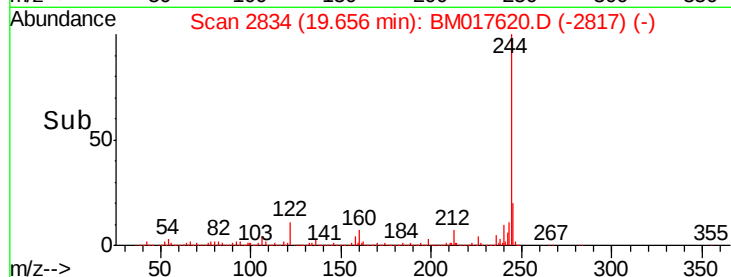
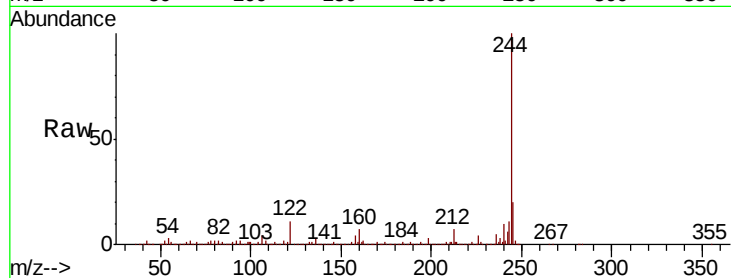
Tgt Ion:244 Resp: 5005408

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.0 9.0 13.6



#80

Butylbenzylphthalate

Concen: 39.892 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

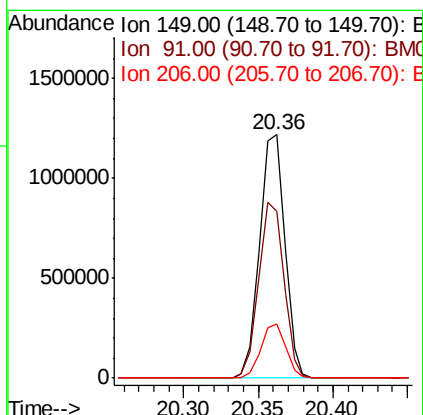
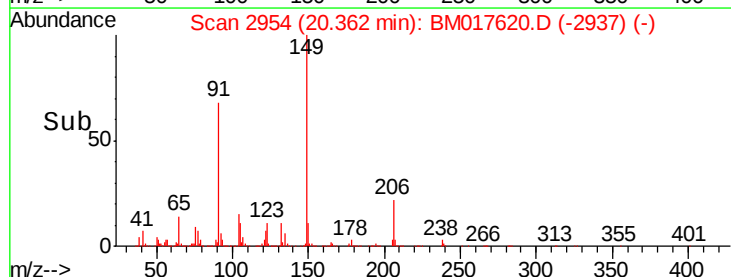
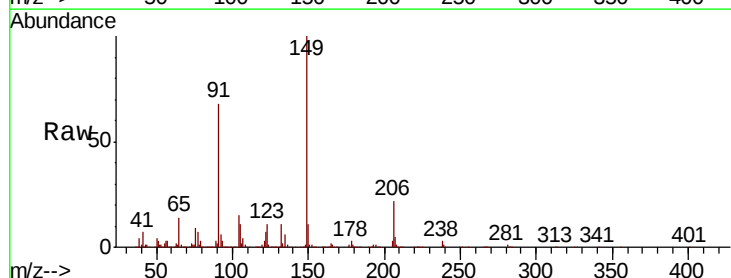
Tgt Ion:149 Resp: 1417140

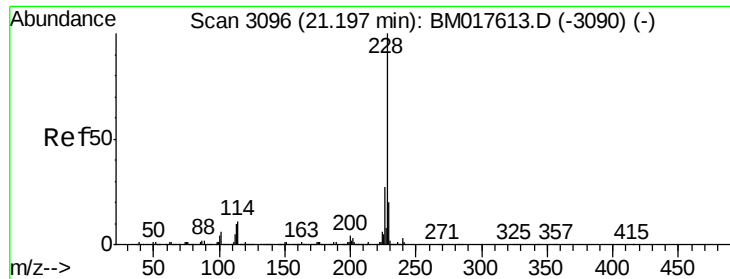
Ion Ratio Lower Upper

149 100

91 68.3 57.6 86.4

206 22.4 17.4 26.0





#81

Benzo(a)anthracene

Concen: 39.610 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

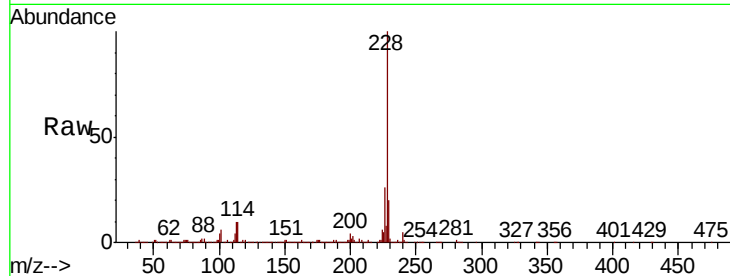
BNA\_M

ClientSampleId :

RT-3263MS

Tgt Ion:228 Resp: 3234820

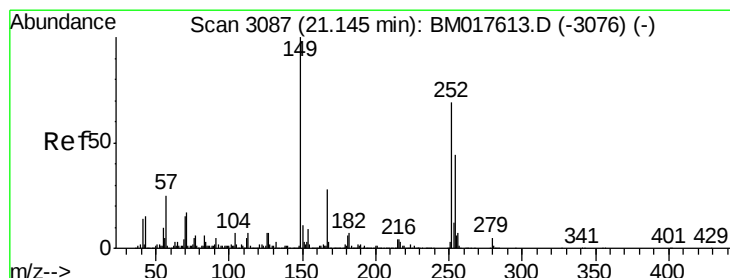
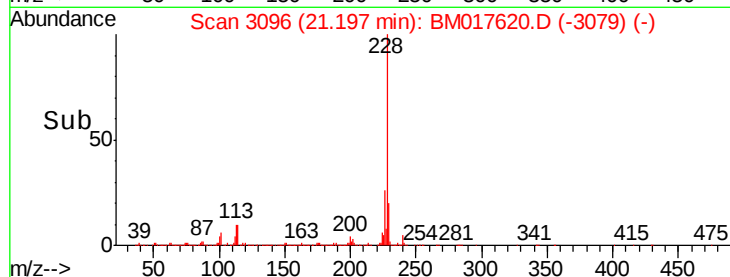
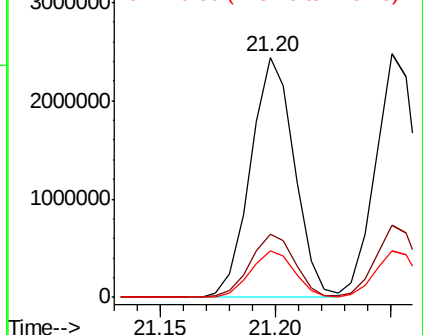
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.5  | 21.3  | 31.9  |
| 229 | 19.6  | 16.0  | 24.0  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.066 ng

RT: 21.14 min Scan# 3087

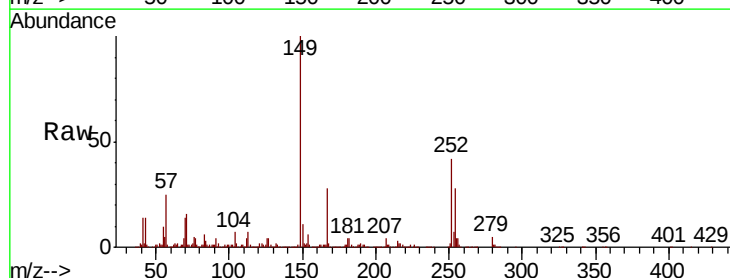
Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion:252 Resp: 727018

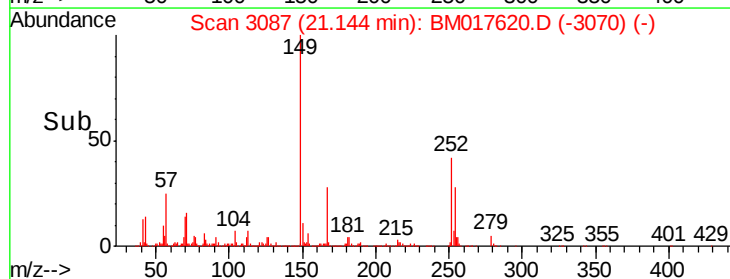
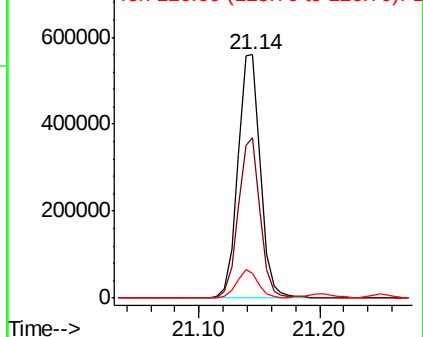
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.1  | 51.4  | 77.2  |
| 126 | 10.3  | 8.0   | 12.0  |

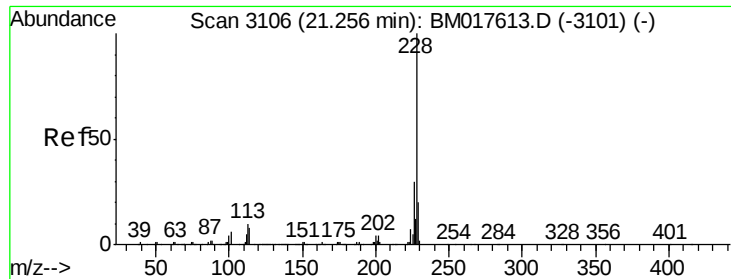


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.335 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

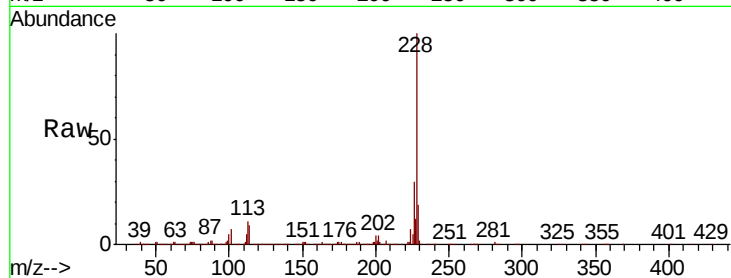
Tgt Ion:228 Resp: 3040742

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

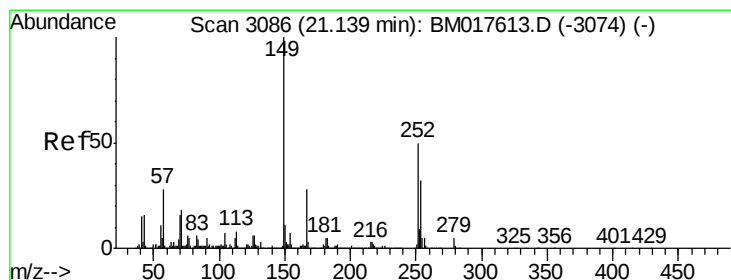
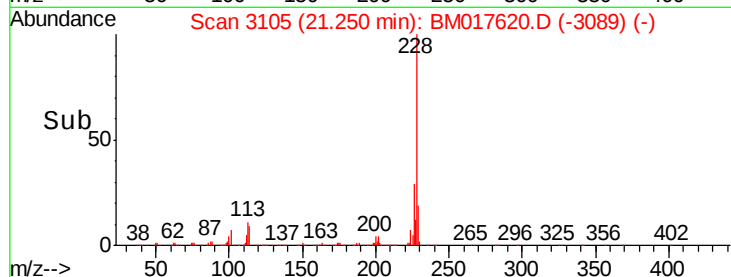
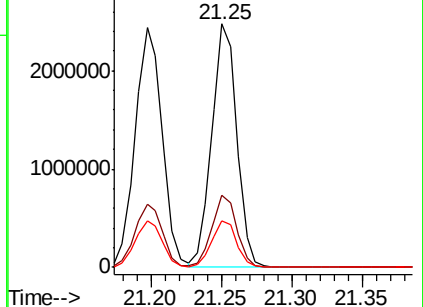
229 19.3 15.8 23.6



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: 38.909 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

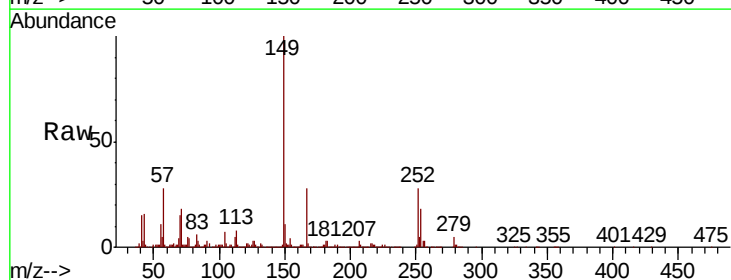
Tgt Ion:149 Resp: 2043351

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

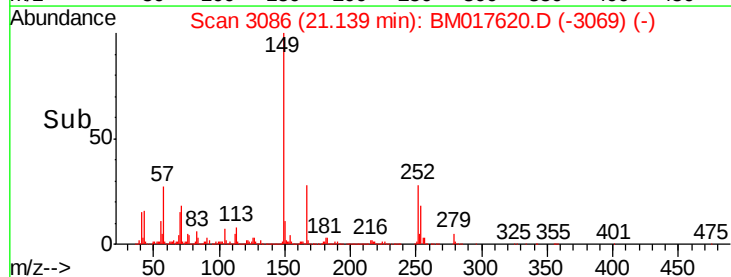
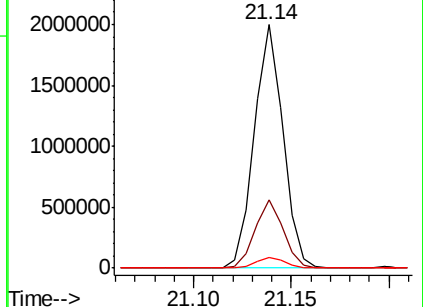
279 4.6 3.7 5.5

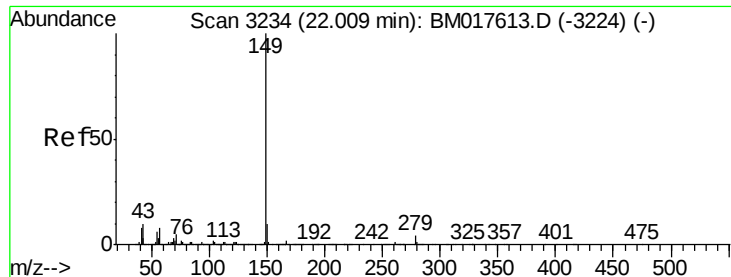


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.640 ng

RT: 22.01 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

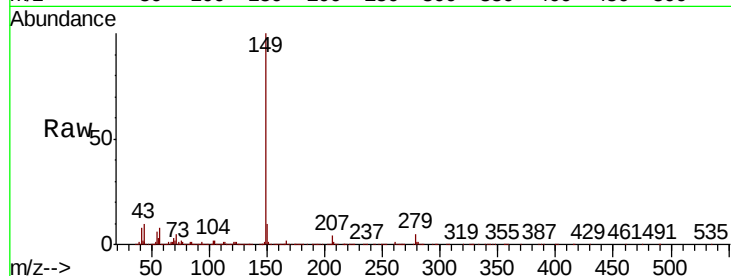
Tgt Ion:149 Resp: 3417511

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

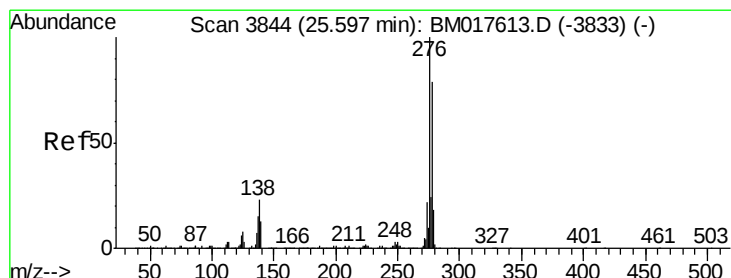
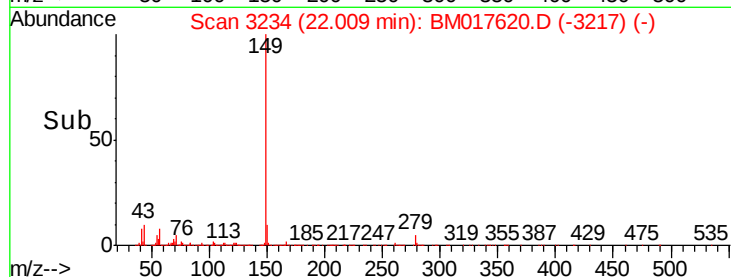
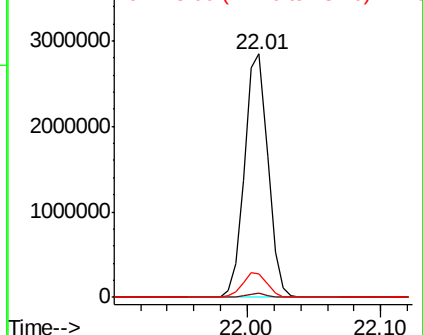
43 10.5 8.3 12.5



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.119 ng

RT: 25.60 min Scan# 3844

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

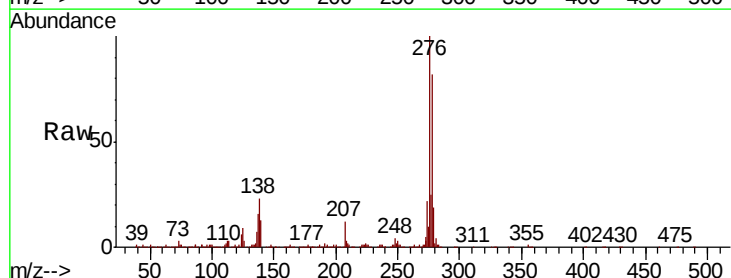
Tgt Ion:276 Resp: 2733071

Ion Ratio Lower Upper

276 100

138 23.6 19.1 28.7

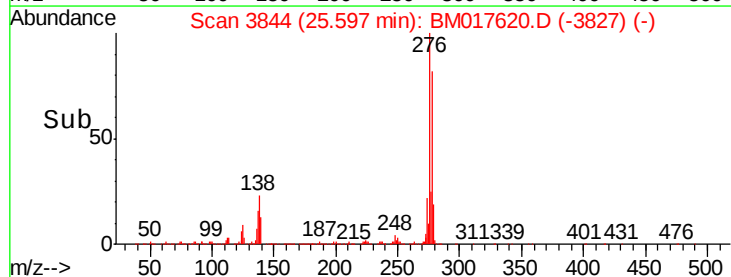
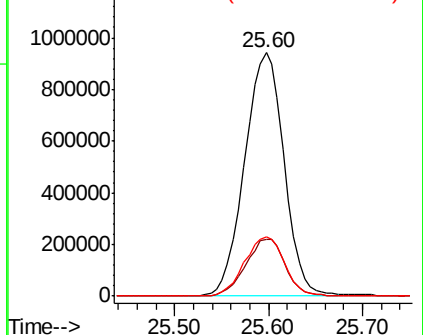
277 24.9 20.0 30.0

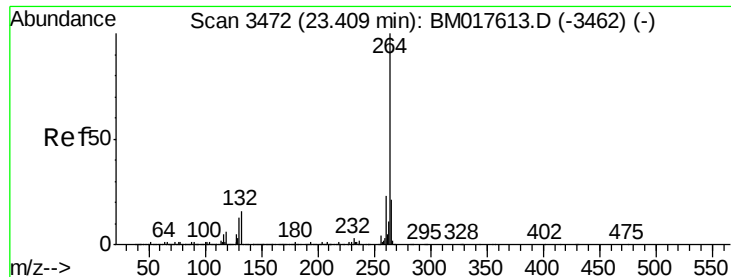


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



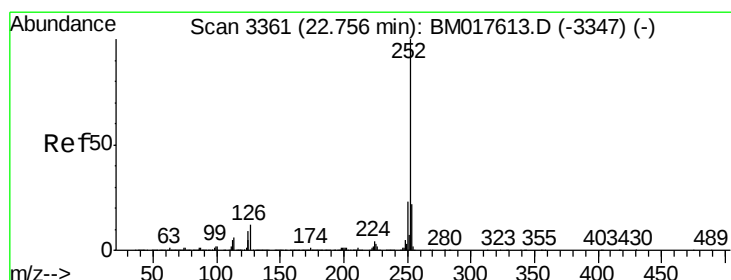
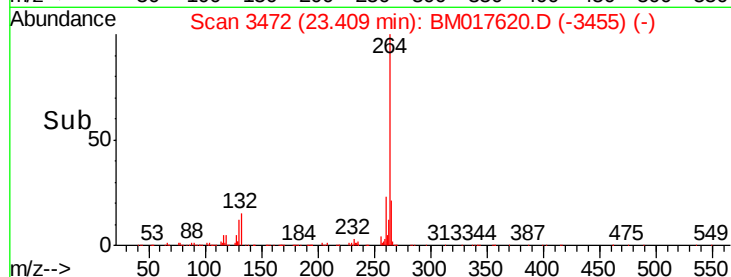
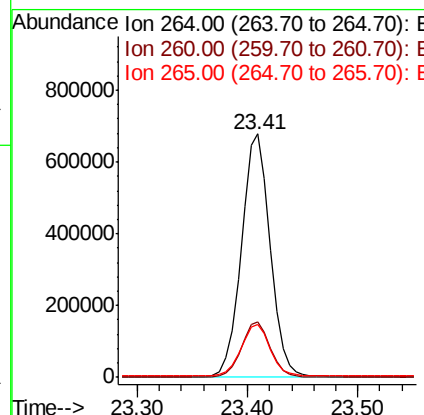
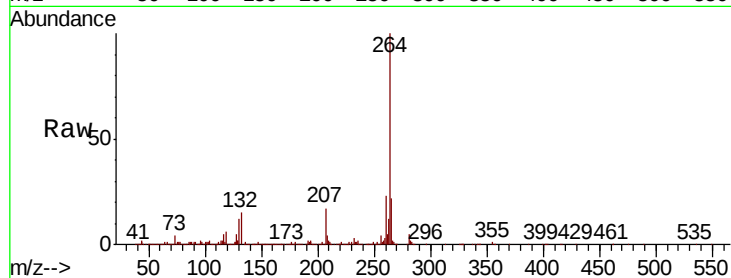


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.41 min Scan# 3472  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Instrument :  
BNA\_M  
ClientSampleId :  
RT-3263MS

Tgt Ion:264 Resp: 1245075  

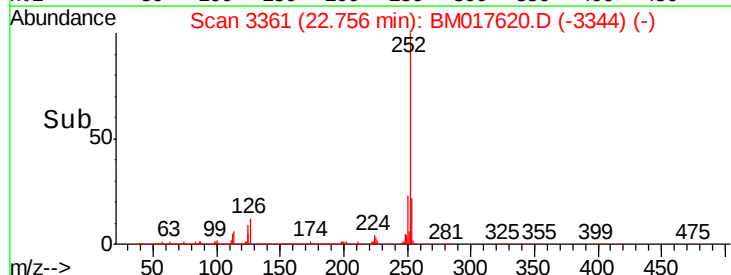
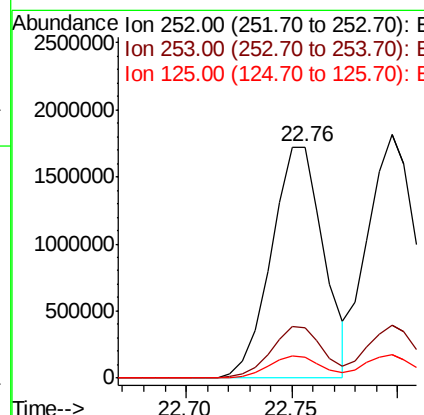
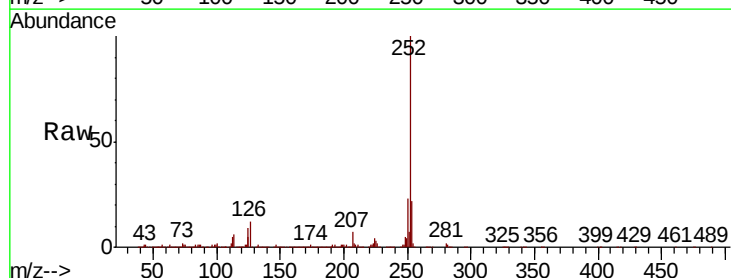
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.9  | 18.2  | 27.2  |
| 265 | 21.6  | 17.5  | 26.3  |

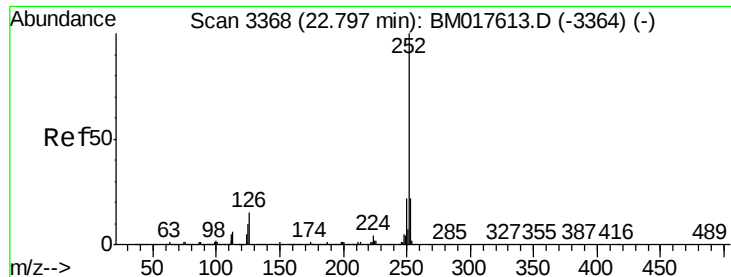


#88  
Benzo(b)fluoranthene  
Concen: 40.895 ng  
RT: 22.76 min Scan# 3361  
Delta R.T. -0.00 min  
Lab File: BM017620.D  
Acq: 12 Nov 2018 19:32

Tgt Ion:252 Resp: 2981862  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.3  | 25.9  |
| 125 | 9.3   | 7.6   | 11.4  |





#89

Benzo(k)fluoranthene

Concen: 39.259 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

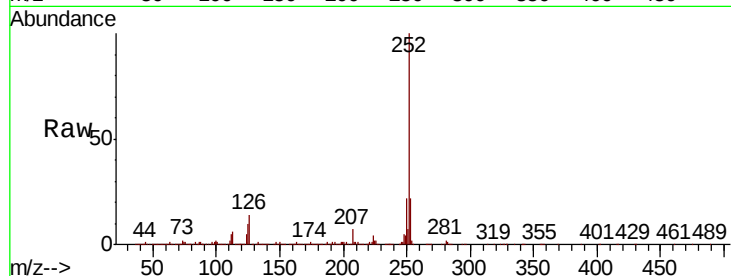
Tgt Ion:252 Resp: 2893342

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.7 7.9 11.9

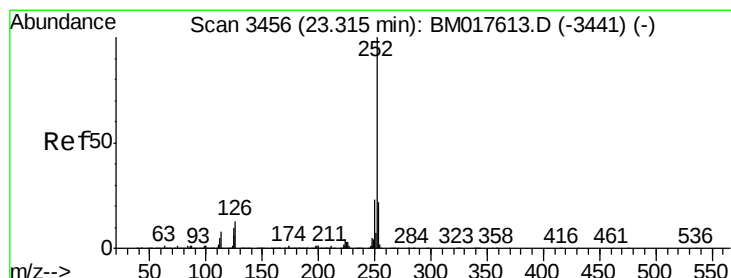
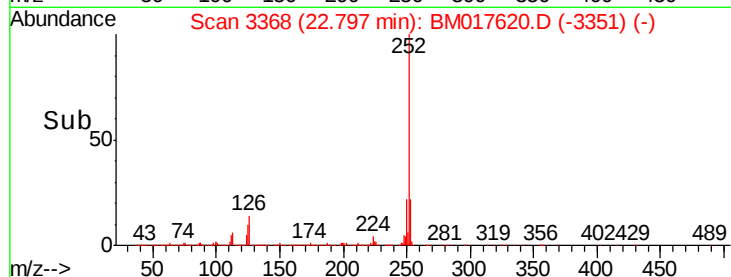
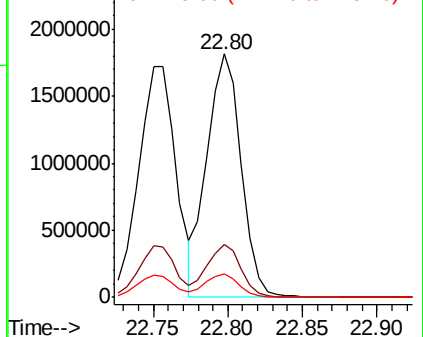


Abundance

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: 41.106 ng

RT: 23.31 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

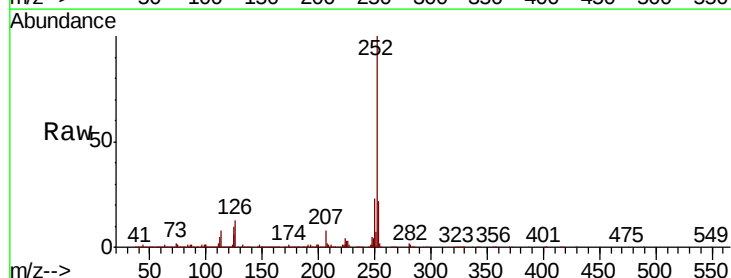
Tgt Ion:252 Resp: 2732883

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.4 8.2 12.2

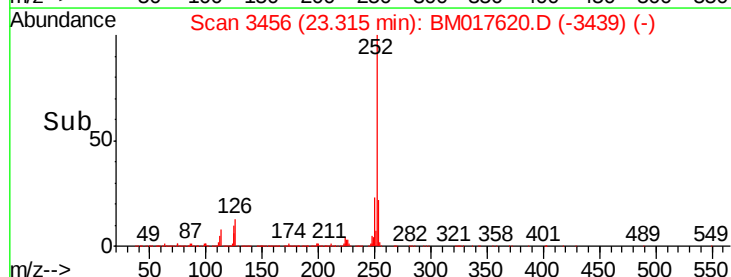
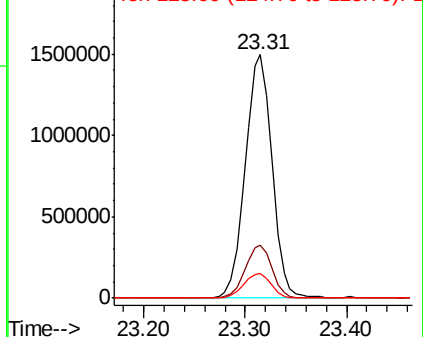


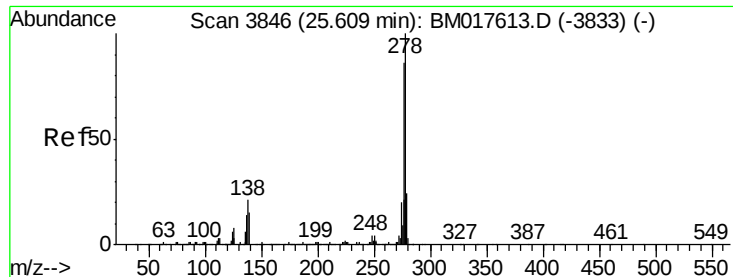
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.530 ng

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA\_M

ClientSampleId :

RT-3263MS

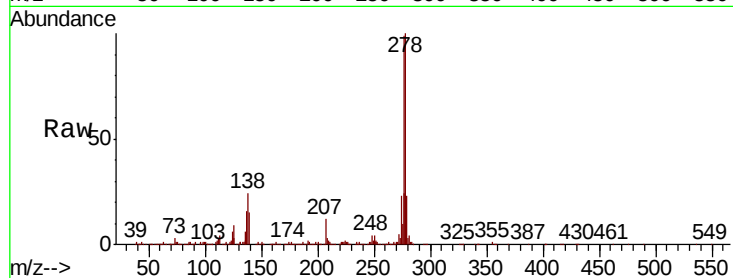
Tgt Ion:278 Resp: 2321231

Ion Ratio Lower Upper

278 100

139 15.3 11.8 17.6

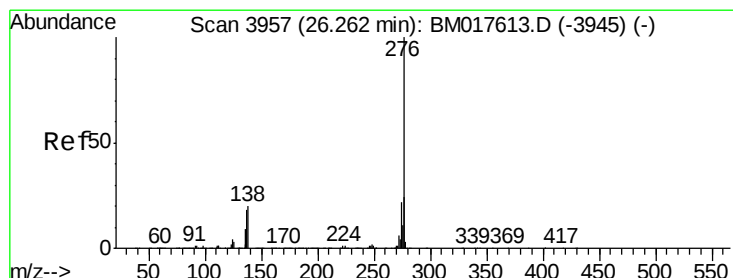
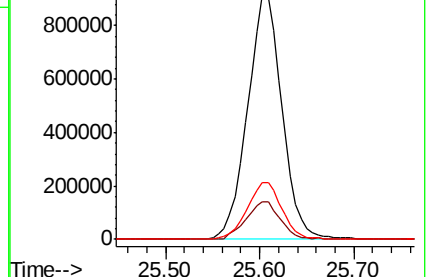
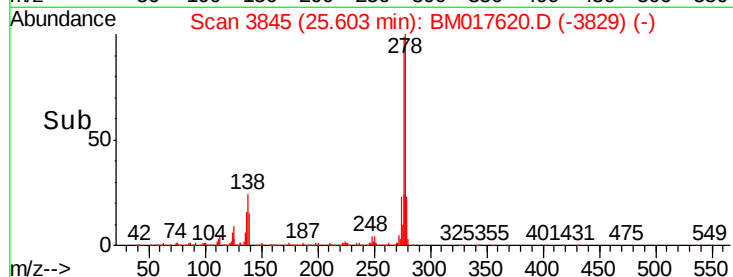
279 23.4 19.0 28.6



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: 41.997 ng

RT: 26.26 min Scan# 3957

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

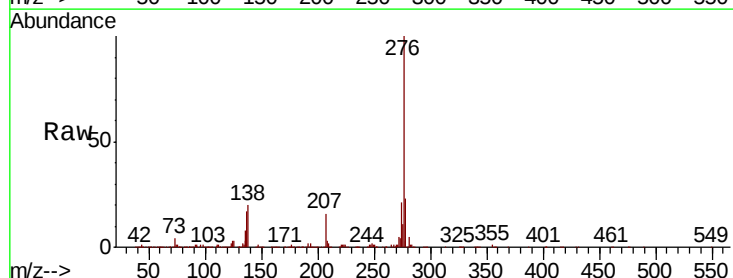
Tgt Ion:276 Resp: 2207411

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 19.9 15.9 23.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

