

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM041919\  
 Data File : BM019982.D  
 Acq On : 19 Apr 2019 19:26  
 Operator : JU/SJ  
 Sample : K2487-03MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

Quant Time: Apr 19 23:35:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM041519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 19 00:56:08 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.50  | 152  | 148807   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.29 | 136  | 609208   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.17 | 164  | 352913   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.94 | 188  | 776954   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.16 | 240  | 783046   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.36 | 264  | 729509   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.12  | 112 | 706995  | 77.00  | ng | 0.00 |
| 7) Phenol-d6             | 6.71  | 99  | 657111  | 47.55  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.69  | 82  | 1296110 | 95.15  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.69 | 330 | 820140  | 144.37 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.78 | 172 | 2703814 | 95.48  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.59 | 244 | 4459967 | 100.46 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.09  | 88  | 87161   | 21.997 | ng | 99     |
| 3) Pyridine                    | 3.50  | 79  | 222909  | 20.088 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.43  | 42  | 84712   | 23.698 | ng | 91     |
| 6) Aniline                     | 6.86  | 93  | 375515  | 21.040 | ng | 100    |
| 8) 2-Chlorophenol              | 7.08  | 128 | 410733  | 35.966 | ng | 98     |
| 9) Benzaldehyde                | 6.69  | 77  | 165678  | 17.619 | ng | 98     |
| 10) Phenol                     | 6.73  | 94  | 233845  | 15.489 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.96  | 93  | 450657  | 40.796 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.39  | 146 | 386425  | 32.231 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.55  | 146 | 403816  | 33.197 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.85  | 146 | 406774  | 33.726 | ng | 99     |
| 15) Benzyl Alcohol             | 7.77  | 79  | 388155  | 30.898 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.04  | 45  | 410988  | 39.029 | ng | 99     |
| 17) 2-Methylphenol             | 7.97  | 107 | 305366  | 30.560 | ng | 98     |
| 18) Hexachloroethane           | 8.55  | 117 | 137495  | 29.079 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.32  | 70  | 454232  | 37.394 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.30  | 107 | 376308  | 27.415 | ng | 100    |
| 22) Acetophenone               | 8.35  | 105 | 771219  | 46.479 | ng | 99     |
| 24) Nitrobenzene               | 8.73  | 77  | 650668  | 46.108 | ng | 99     |
| 25) Isophorone                 | 9.24  | 82  | 1156877 | 43.627 | ng | 100    |
| 26) 2-Nitrophenol              | 9.43  | 139 | 250614  | 41.674 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.49  | 122 | 397745  | 46.778 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.72  | 93  | 643948  | 43.367 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.96  | 162 | 421813  | 43.680 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.15 | 180 | 396665  | 38.164 | ng | 98     |
| 31) Naphthalene                | 10.33 | 128 | 1350299 | 41.324 | ng | 99     |
| 32) Benzoic acid               | 9.66  | 122 | 104475  | 16.739 | ng | 96     |
| 33) 4-Chloroaniline            | 10.49 | 127 | 216151  | 16.057 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.59 | 225 | 198333  | 32.354 | ng | 100    |
| 35) Caprolactam                | 11.34 | 113 | 11869   | 3.247  | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.62 | 107 | 465785  | 38.818 | ng | 100    |
| 37) 2-Methylnaphthalene        | 11.96 | 142 | 991698  | 41.687 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.19 | 142 | 962099  | 40.960 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.33 | 216 | 467376  | 42.929 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM041919\  
 Data File : BM019982.D  
 Acq On : 19 Apr 2019 19:26  
 Operator : JU/SJ  
 Sample : K2487-03MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

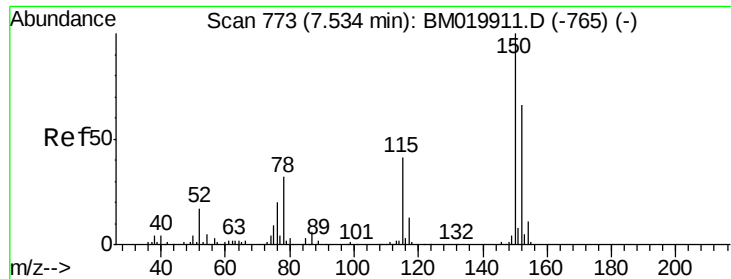
Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

Quant Time: Apr 19 23:35:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM041519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 19 00:56:08 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.29 | 237  | 199338   | 55.839 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.60 | 196  | 348220   | 47.177 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.68 | 196  | 363638   | 47.335 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.00 | 154  | 1348430  | 44.114 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.04 | 162  | 1037166  | 44.484 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.29 | 65   | 386450   | 45.983 | ng    | 100      |
| 49) Acenaphthylene             | 13.90 | 152  | 1747560  | 43.078 | ng    | 99       |
| 50) Dimethylphthalate          | 13.65 | 163  | 1450415  | 46.594 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.79 | 165  | 307776   | 44.712 | ng    | 88       |
| 52) Acenaphthene               | 14.24 | 154  | 1020659  | 45.377 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.13 | 138  | 143168   | 20.829 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.36 | 184  | 229196   | 58.024 | ng    | 97       |
| 55) Dibenzofuran               | 14.59 | 168  | 1665942  | 45.293 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.47 | 139  | 175592   | 35.864 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 14.60 | 165  | 447937   | 45.270 | ng    | 95       |
| 58) Fluorene                   | 15.24 | 166  | 1422439  | 45.639 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.82 | 232  | 322675   | 46.033 | ng    | 98       |
| 60) Diethylphthalate           | 15.02 | 149  | 1484820  | 45.862 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.23 | 204  | 690440   | 46.011 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.32 | 138  | 272112   | 40.182 | ng    | 99       |
| 63) Azobenzene                 | 15.53 | 77   | 1603512  | 46.340 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198  | 162202   | 32.720 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.46 | 169  | 1189446  | 46.827 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.13 | 248  | 405420   | 45.386 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.24 | 284  | 488426   | 45.569 | ng    | 99       |
| 69) Atrazine                   | 16.43 | 200  | 394967   | 45.805 | ng    | 98       |
| 70) Pentachlorophenol          | 16.60 | 266  | 512728   | 93.624 | ng    | 98       |
| 71) Phenanthrene               | 16.99 | 178  | 2147463  | 46.576 | ng    | 100      |
| 72) Anthracene                 | 17.08 | 178  | 2206101  | 48.067 | ng    | 99       |
| 73) Carbazole                  | 17.37 | 167  | 2030820  | 47.393 | ng    | 100      |
| 74) Di-n-butylphthalate        | 17.91 | 149  | 2629840  | 46.732 | ng    | 99       |
| 75) Fluoranthene               | 19.02 | 202  | 2512429  | 47.350 | ng    | 100      |
| 77) Benzidine                  | 19.23 | 184  | 482247   | 22.321 | ng    | 99       |
| 78) Pyrene                     | 19.39 | 202  | 2562738  | 49.421 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.30 | 149  | 1286129  | 51.158 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.15 | 228  | 2450722  | 49.406 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.09 | 252  | 662647   | 35.905 | ng    | 98       |
| 83) Chrysene                   | 21.20 | 228  | 2406686  | 50.592 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 1882602  | 50.299 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 21.93 | 149  | 3293168  | 54.225 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.56 | 276  | 2237454  | 47.813 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.70 | 252  | 2381388  | 49.161 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.74 | 252  | 2340929  | 51.332 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.26 | 252  | 2117930  | 49.345 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.56 | 278  | 1945919  | 47.024 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.23 | 276  | 1726572  | 46.066 | ng    | 100      |

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



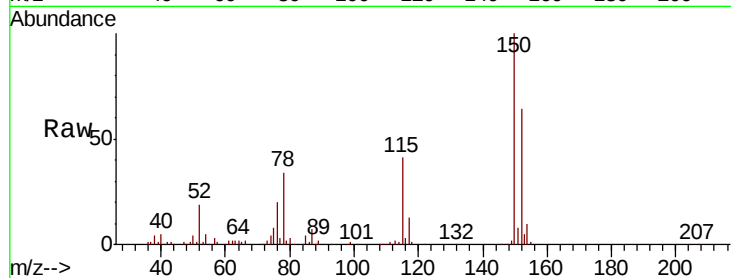


#1

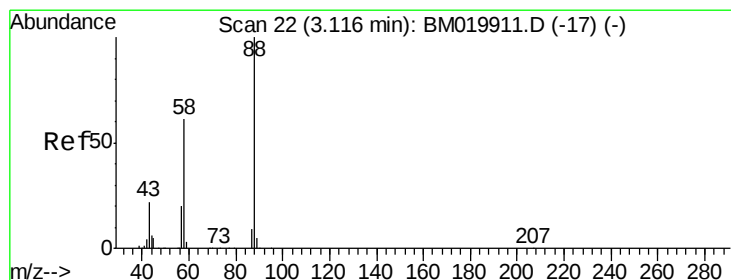
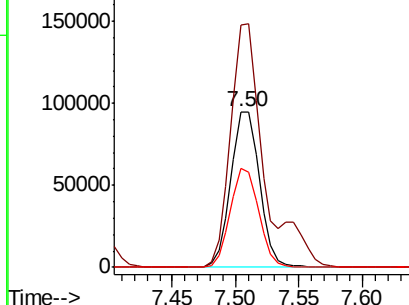
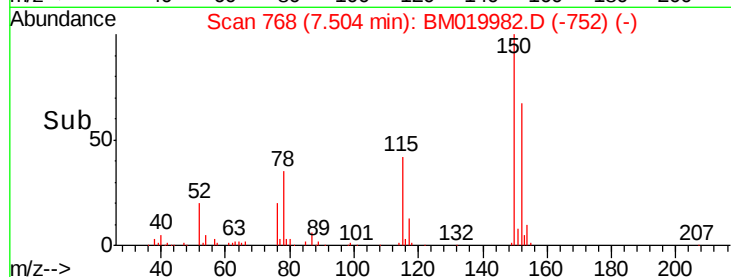
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.50 min Scan# 768  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.1 | 122.1 | 183.1 |
| 115     | 63.6  | 50.0  | 75.0  |



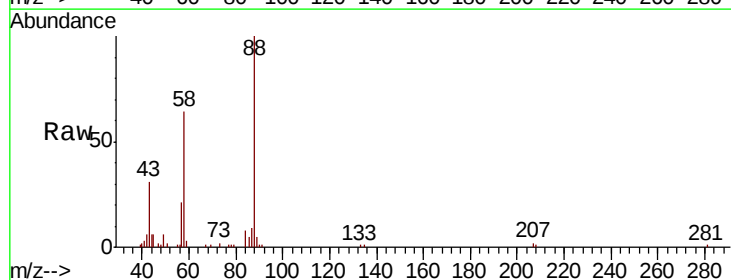
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



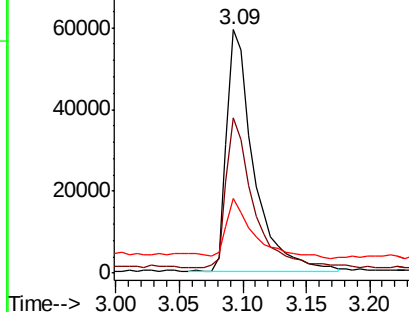
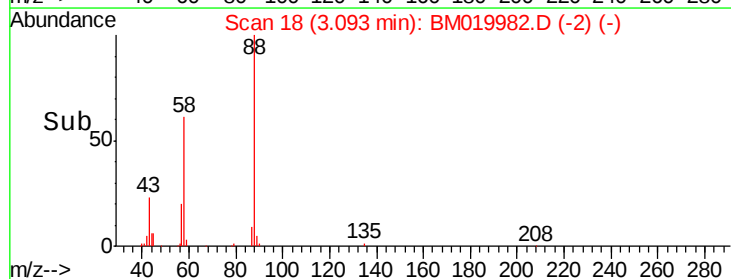
#2

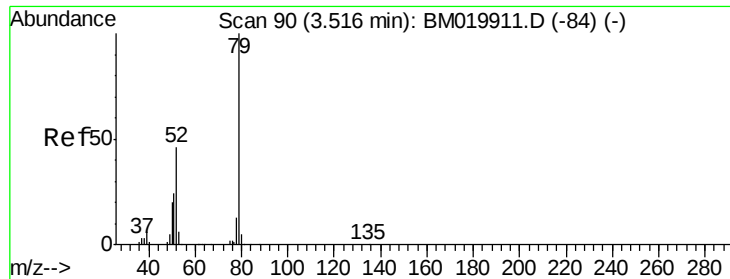
1,4-Dioxane  
Concen: 21.997 ng  
RT: 3.09 min Scan# 18  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 61.9  | 49.6  | 74.4  |
| 43      | 24.5  | 18.6  | 27.8  |



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: 20.088 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

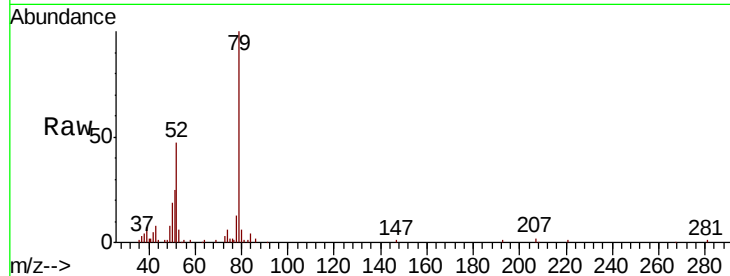
Tgt Ion: 79 Resp: 222909

Ion Ratio Lower Upper

79 100

52 46.8 36.9 55.3

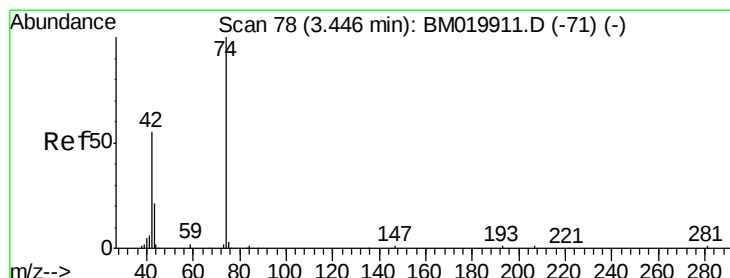
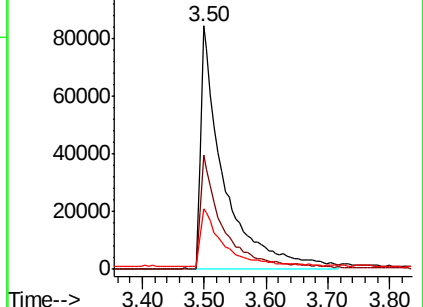
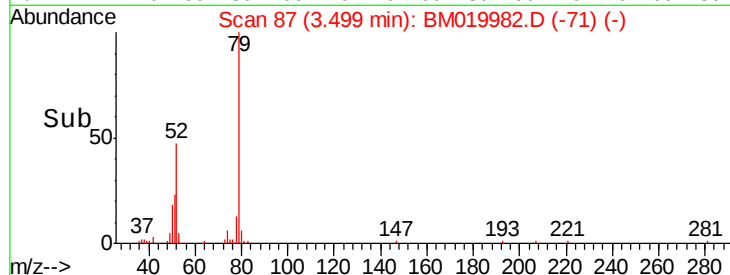
51 25.0 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM019982.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019982.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019982.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 23.698 ng

RT: 3.43 min Scan# 75

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

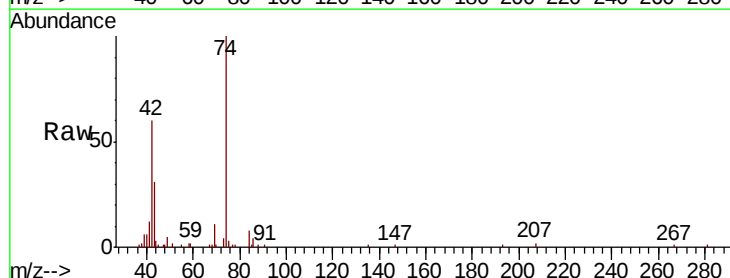
Tgt Ion: 42 Resp: 84712

Ion Ratio Lower Upper

42 100

74 167.8 144.6 217.0

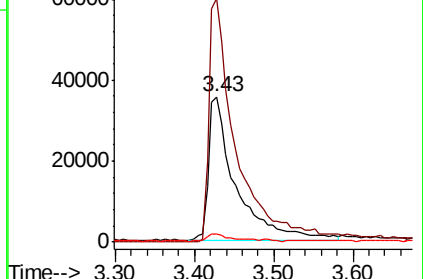
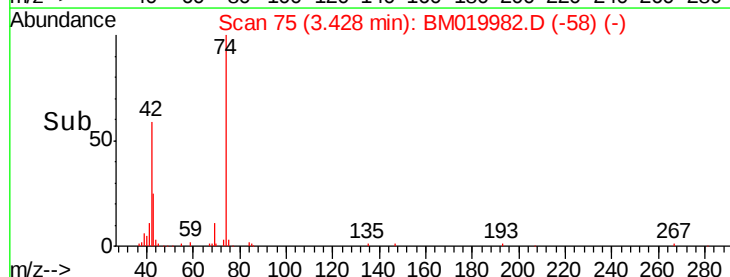
44 5.6 5.4 8.2

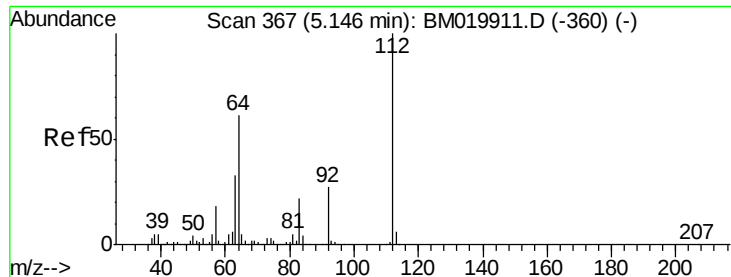


Abundance Ion 42.00 (41.70 to 42.70): BM019982.D (-58) (-)

Ion 74.00 (73.70 to 74.70): BM019982.D (-58) (-)

Ion 44.00 (43.70 to 44.70): BM019982.D (-58) (-)





#5

2-Fluorophenol

Concen: 76.998 ng

RT: 5.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleID :

GMW-7MS

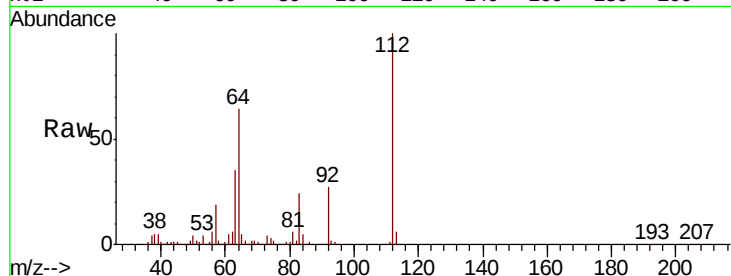
Tgt Ion: 112 Resp: 706995

Ion Ratio Lower Upper

112 100

64 64.4 49.1 73.7

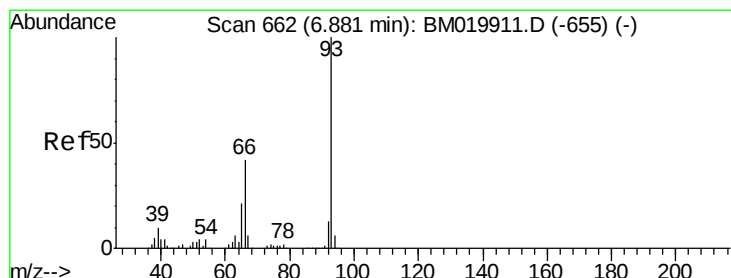
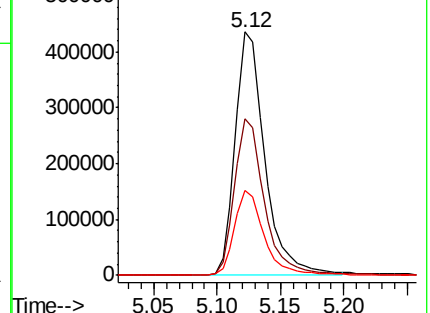
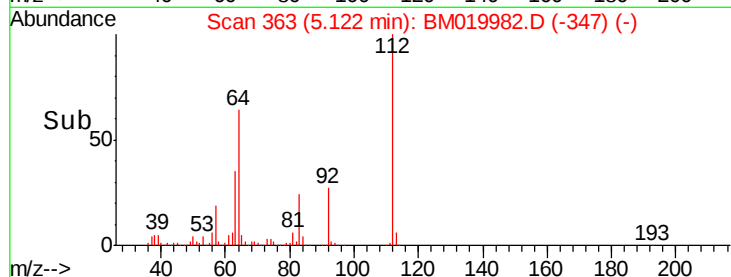
63 34.9 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 21.040 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

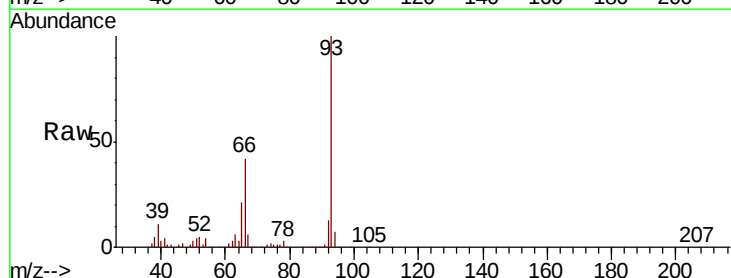
Tgt Ion: 93 Resp: 375515

Ion Ratio Lower Upper

93 100

66 42.3 33.9 50.9

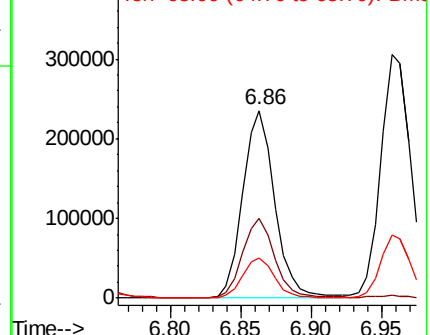
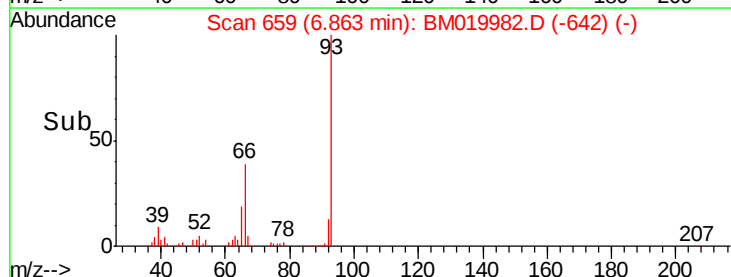
65 21.5 17.0 25.6

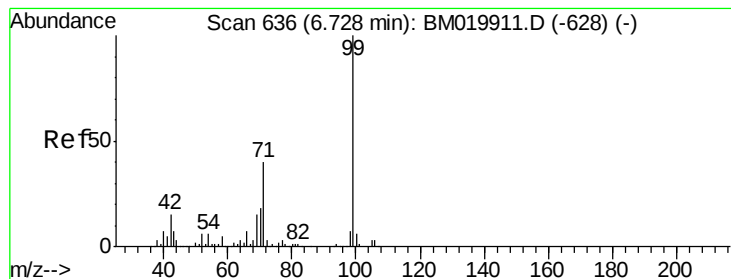


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 47.552 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

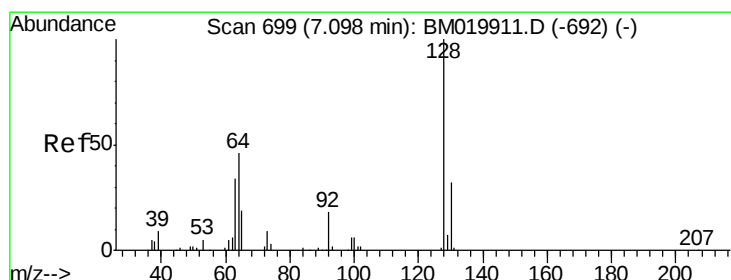
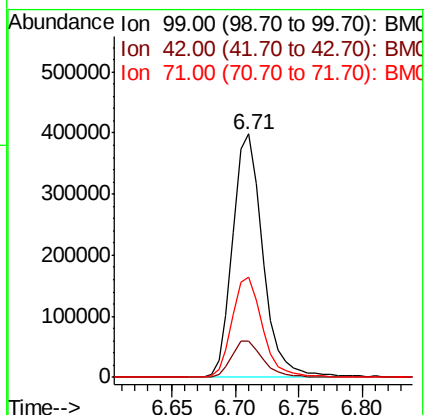
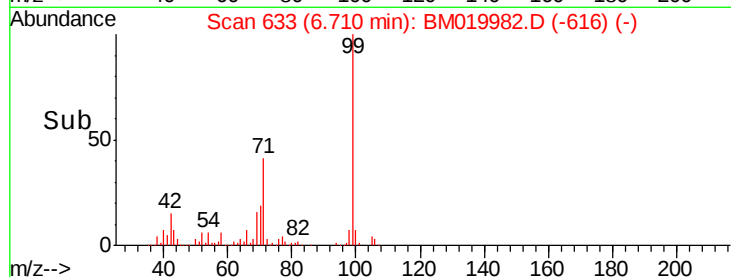
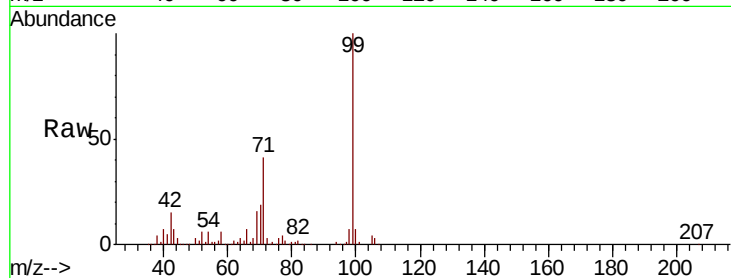
Tgt Ion: 99 Resp: 657111

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.8

71 41.3 32.0 48.0



#8

2-Chlorophenol

Concen: 35.966 ng

RT: 7.08 min Scan# 696

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

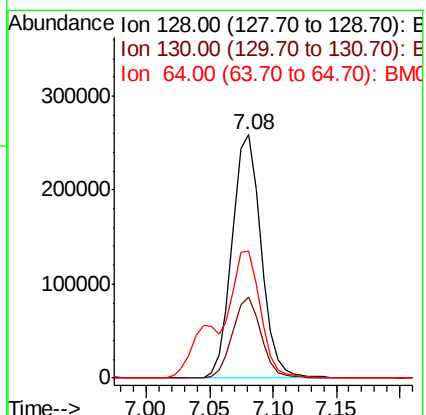
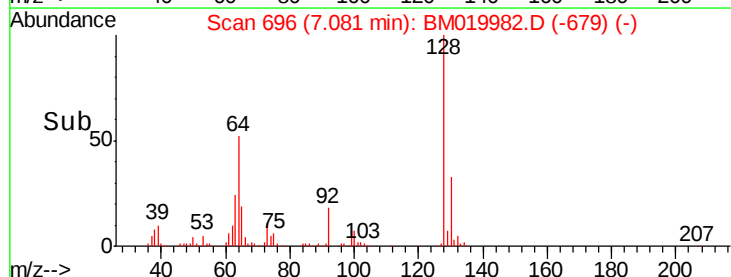
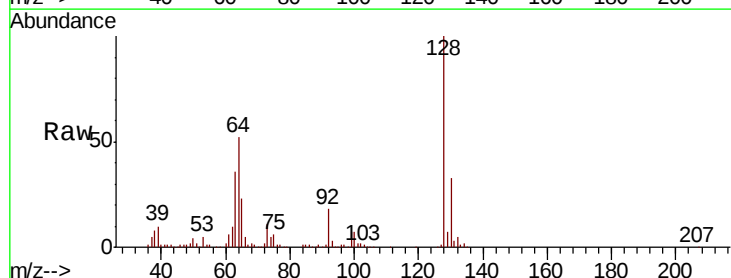
Tgt Ion: 128 Resp: 410733

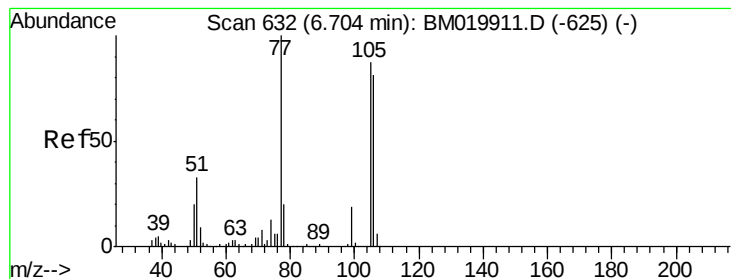
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 52.0 33.0 73.0





#9

Benzaldehyde

Concen: 17.619 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

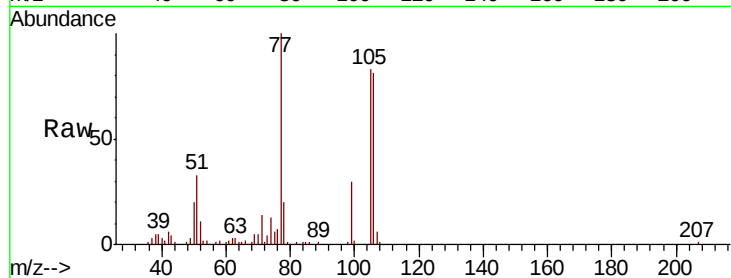
Tgt Ion: 77 Resp: 165678

Ion Ratio Lower Upper

77 100

105 83.3 67.3 107.3

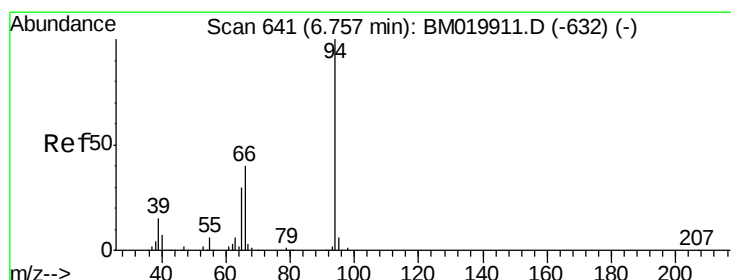
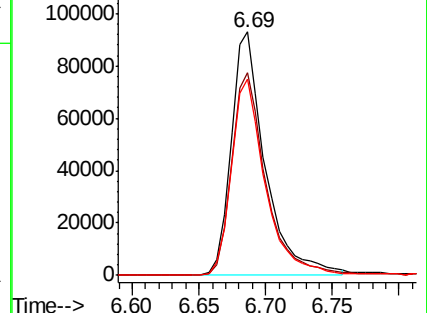
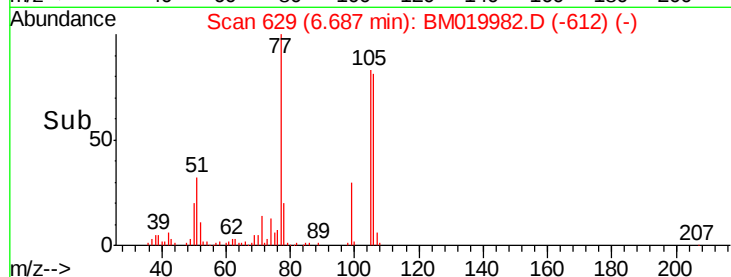
106 80.7 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019982.D (-612) (-)

Ion 105.00 (104.70 to 105.70): BM019982.D (-612) (-)

Ion 106.00 (105.70 to 106.70): BM019982.D (-612) (-)



#10

Phenol

Concen: 15.489 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

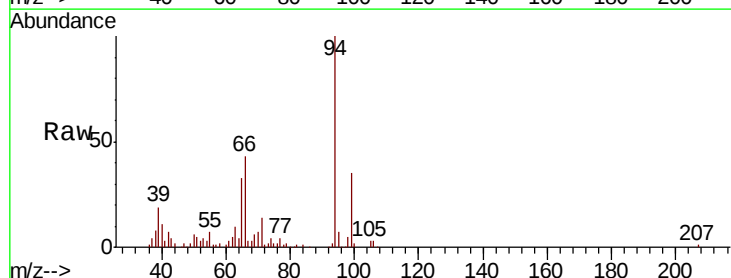
Tgt Ion: 94 Resp: 233845

Ion Ratio Lower Upper

94 100

65 32.8 10.0 50.0

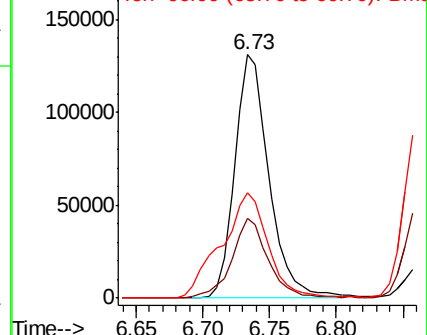
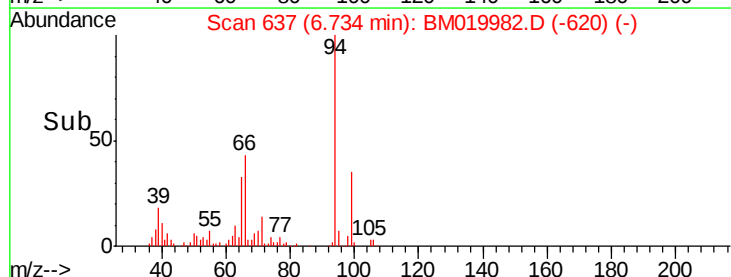
66 43.5 20.2 60.2

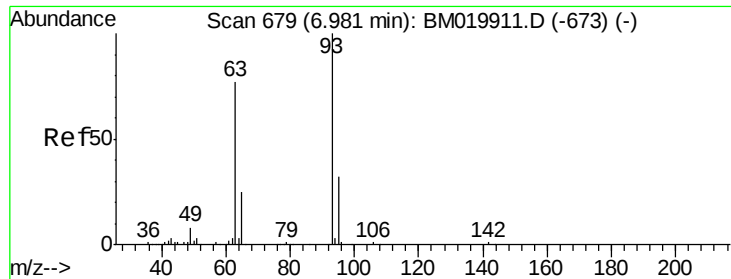


Abundance Ion 94.00 (93.70 to 94.70): BM019982.D (-620) (-)

Ion 65.00 (64.70 to 65.70): BM019982.D (-620) (-)

Ion 66.00 (65.70 to 66.70): BM019982.D (-620) (-)

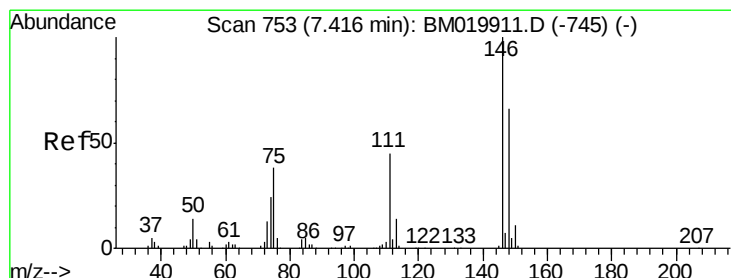
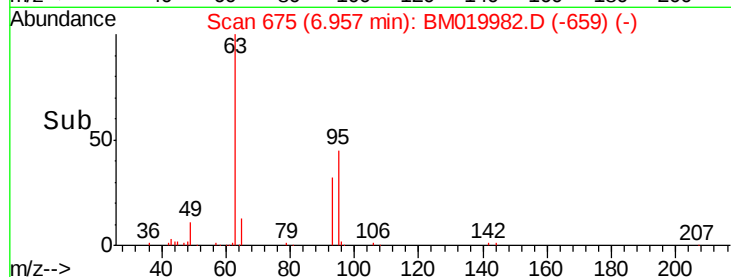
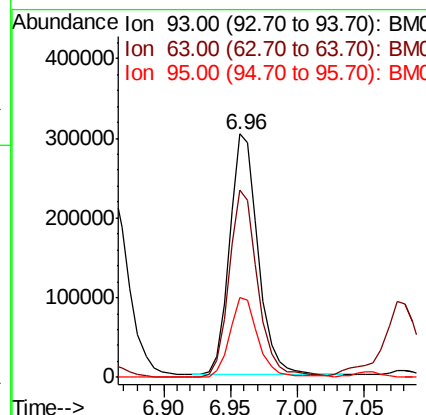
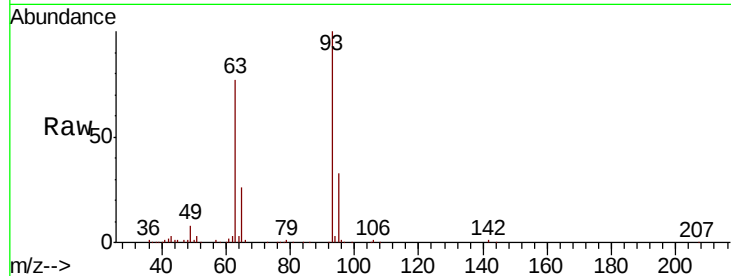




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.796 ng  
 RT: 6.96 min Scan# 675  
 Delta R.T. -0.01 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

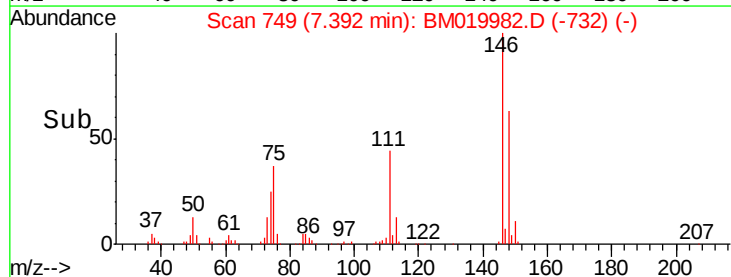
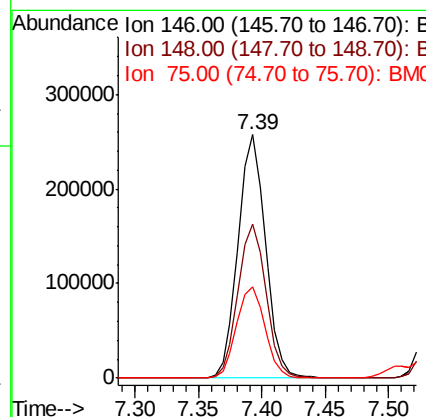
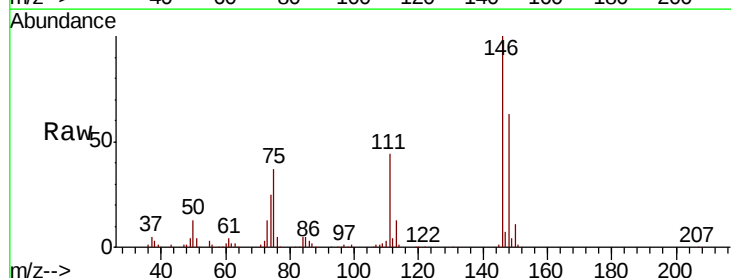
Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

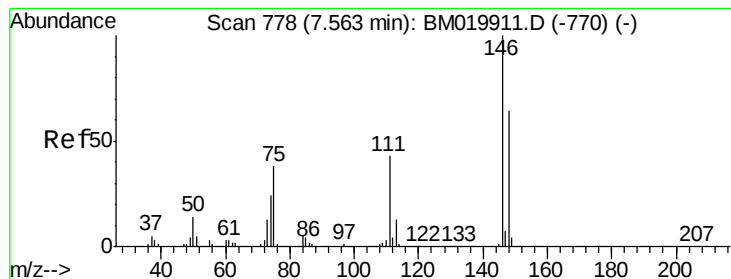
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.1  | 55.8  | 95.8  |
| 95      | 32.5  | 11.6  | 51.6  |



#12  
 1,3-Dichlorobenzene  
 Concen: 32.231 ng  
 RT: 7.39 min Scan# 749  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 52.6  | 78.8  |
| 75      | 37.4  | 30.0  | 45.0  |





#13

1,4-Dichlorobenzene

Concen: 33.197 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

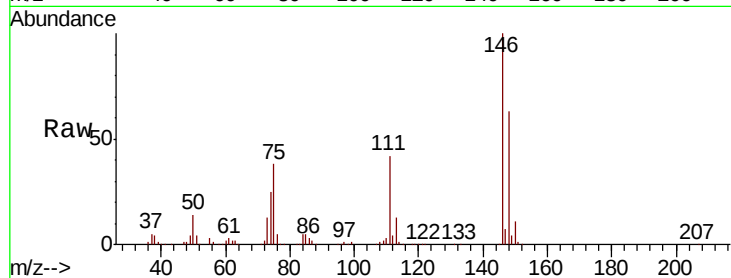
Tgt Ion:146 Resp: 403816

Ion Ratio Lower Upper

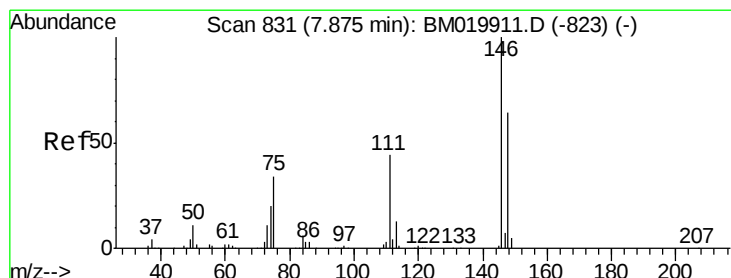
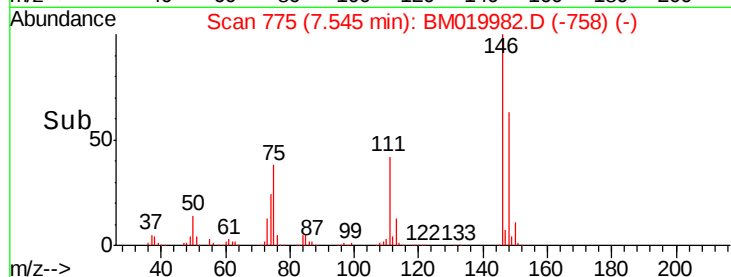
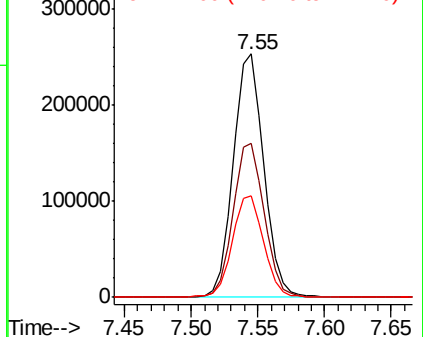
146 100

148 63.4 51.1 76.7

111 41.9 34.6 51.8



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: 33.726 ng

RT: 7.85 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

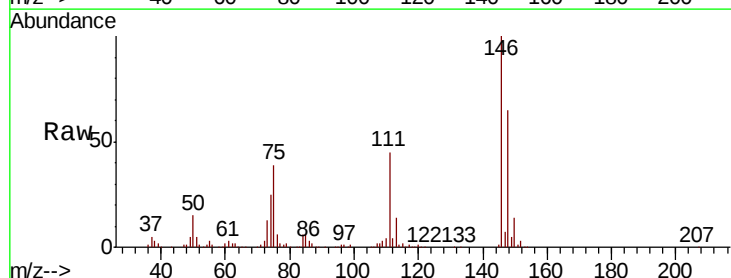
Tgt Ion:146 Resp: 406774

Ion Ratio Lower Upper

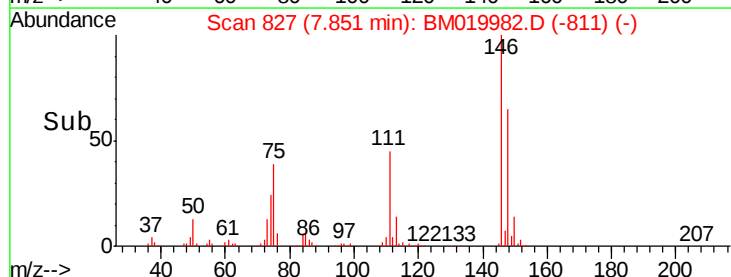
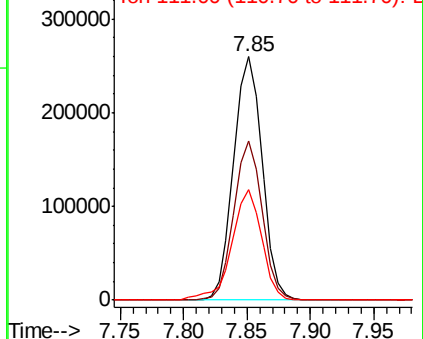
146 100

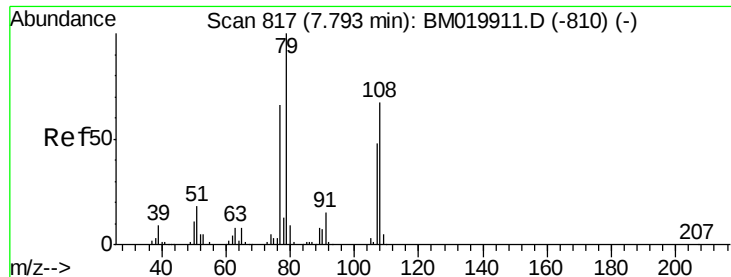
148 65.4 51.4 77.2

111 45.1 35.4 53.0



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: 30.898 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

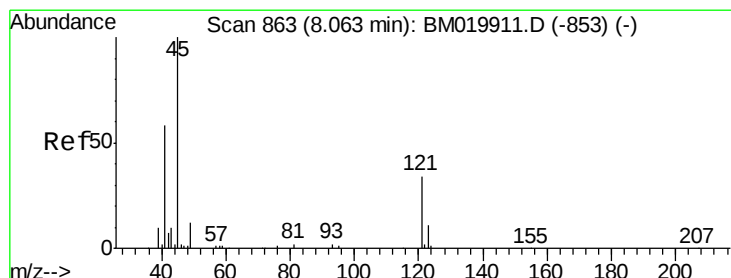
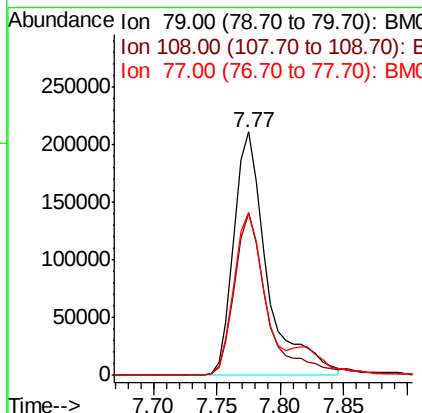
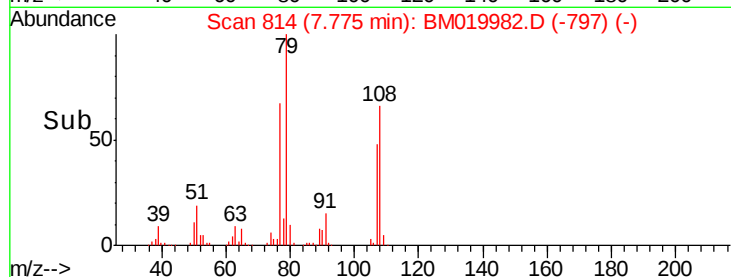
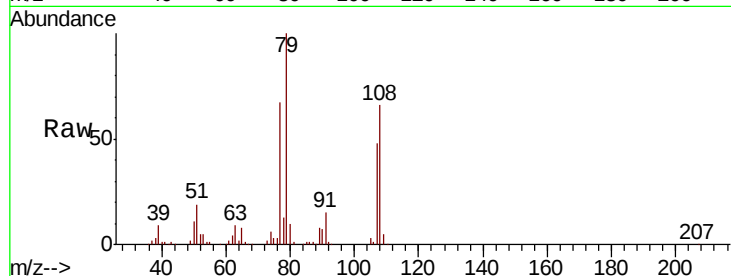
Tgt Ion: 79 Resp: 388155

Ion Ratio Lower Upper

79 100

108 66.3 53.9 80.9

77 66.7 53.1 79.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.029 ng

RT: 8.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

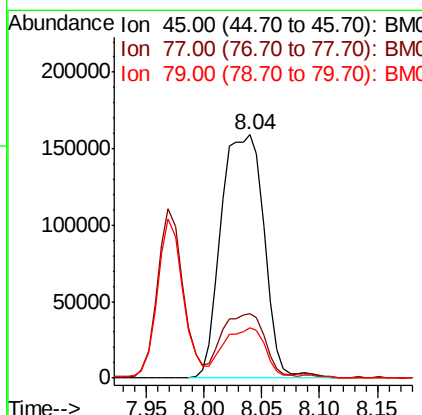
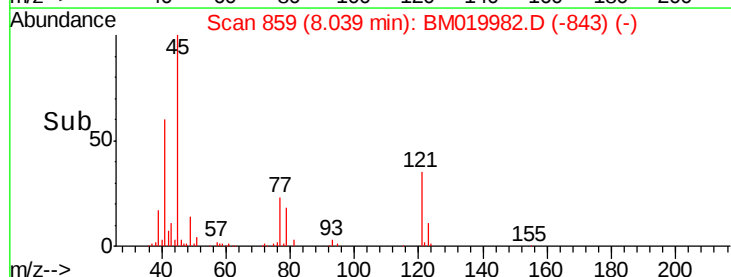
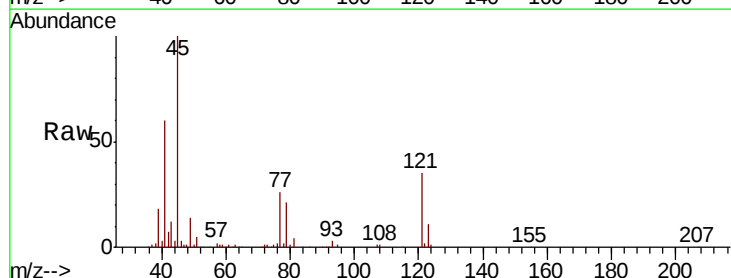
Tgt Ion: 45 Resp: 410988

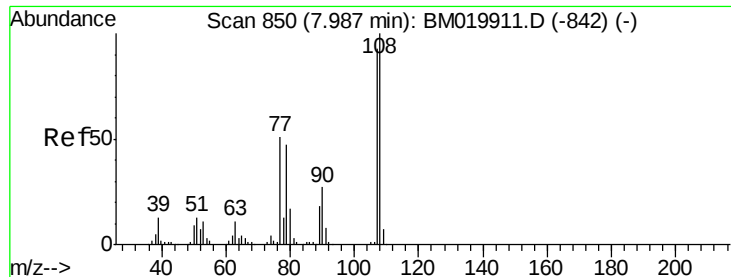
Ion Ratio Lower Upper

45 100

77 26.4 7.2 47.2

79 20.7 1.2 41.2

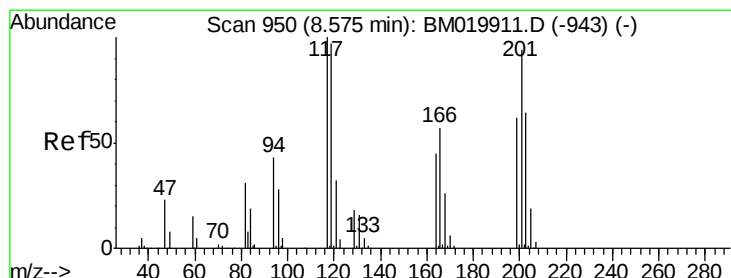
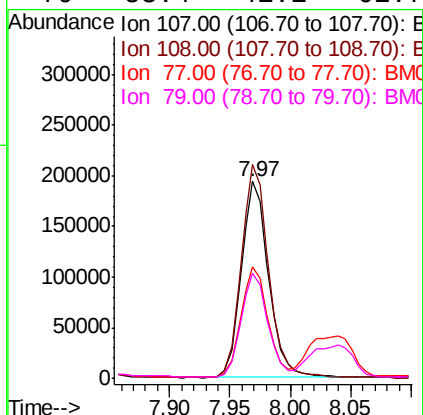
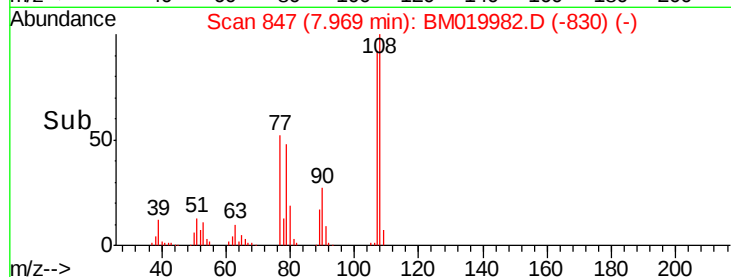
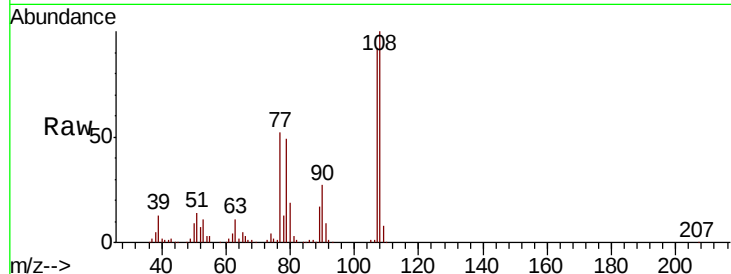




#17  
2-Methylphenol  
Concen: 30.560 ng  
RT: 7.97 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

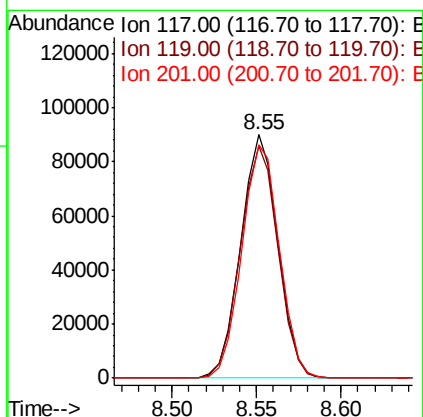
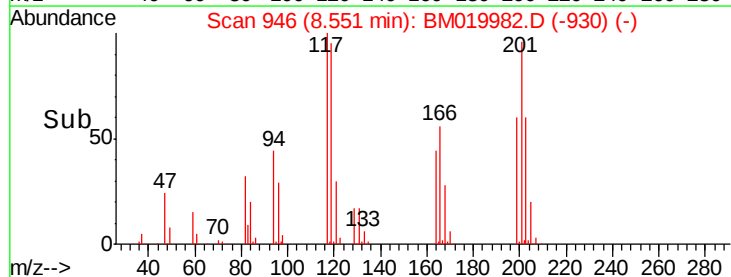
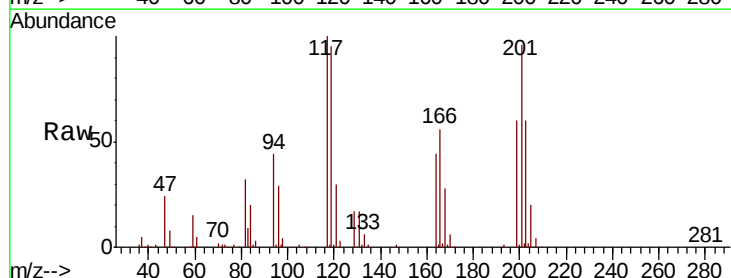
Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

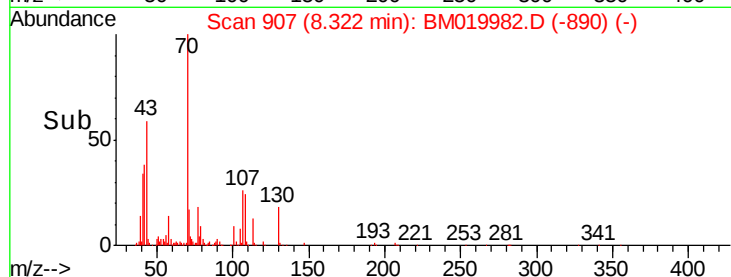
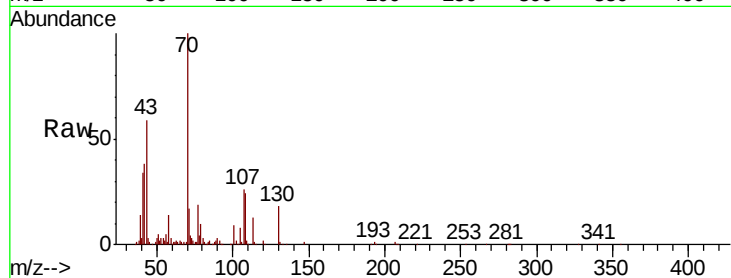
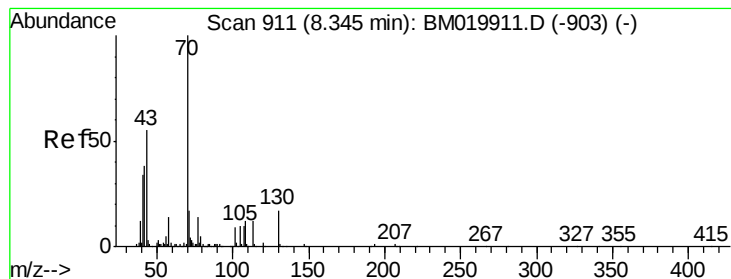
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 305366 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.4 | 85.9  | 128.9  |
| 77       | 56.7  | 43.8  | 65.6   |
| 79       | 53.4  | 41.1  | 61.7   |



#18  
Hexachloroethane  
Concen: 29.079 ng  
RT: 8.55 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 137495 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.1  | 77.6  | 116.4  |
| 201      | 95.9  | 75.4  | 113.2  |





#19

n-Nitroso-di-n-propylamine

Concen: 37.394 ng

RT: 8.32 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

Tgt Ion: 70 Resp: 454232

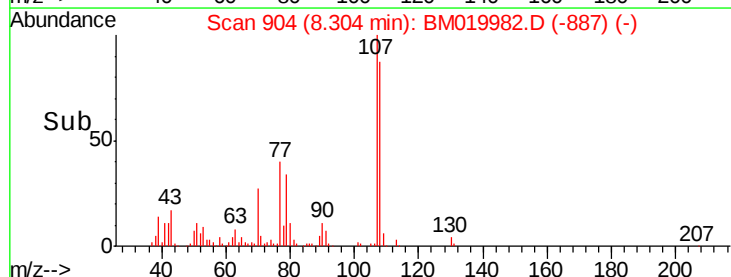
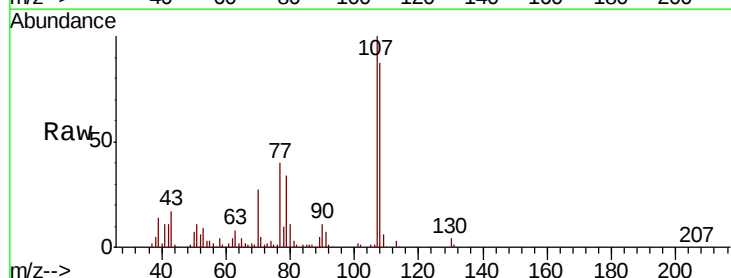
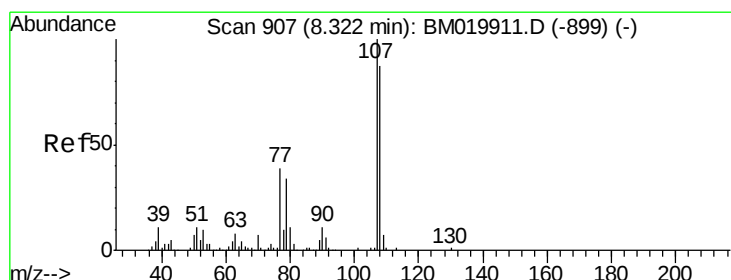
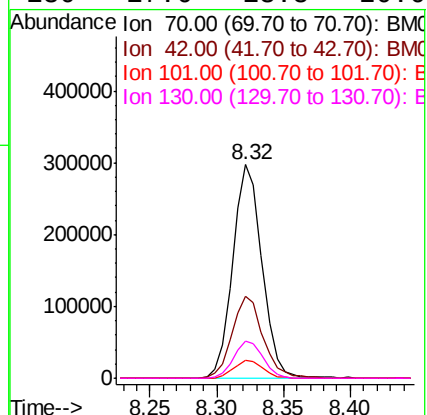
Ion Ratio Lower Upper

70 100

42 38.3 30.3 45.5

101 8.5 6.9 10.3

130 17.6 13.8 20.6



#20

3+4-Methylphenols

Concen: 27.415 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion: 107 Resp: 376308

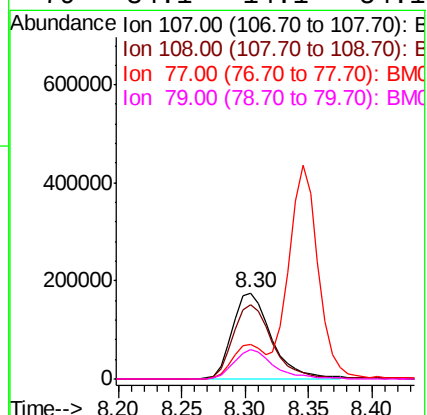
Ion Ratio Lower Upper

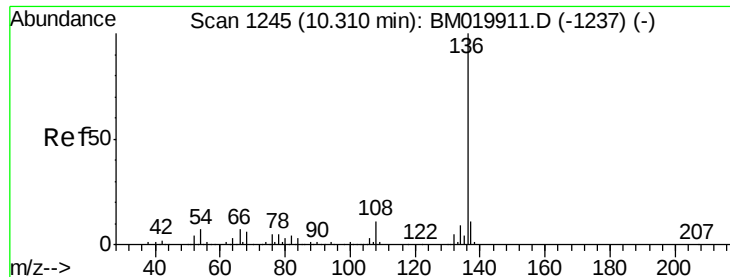
107 100

108 86.8 67.4 107.4

77 40.0 19.7 59.7

79 34.1 14.1 54.1

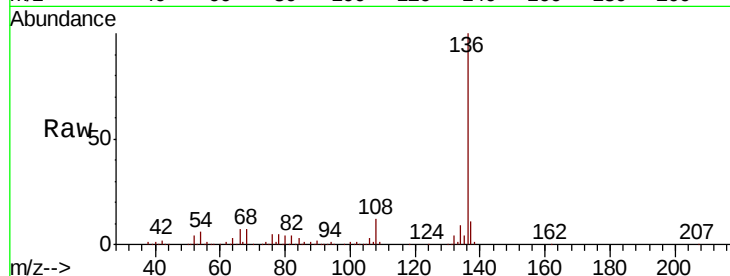




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.29 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 609208 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 9.0   | 13.6   |
| 54       | 6.2   | 5.3   | 7.9    |
| 68       | 6.6   | 5.2   | 7.8    |



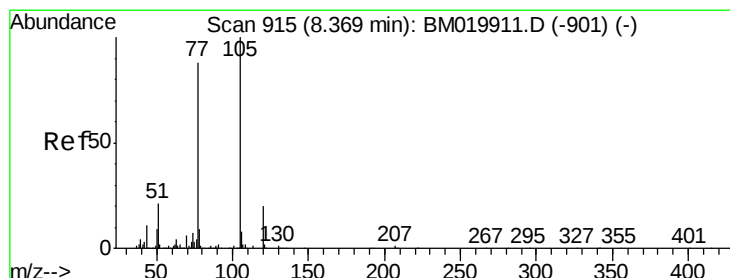
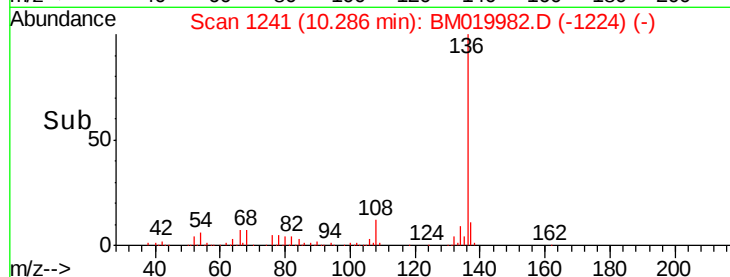
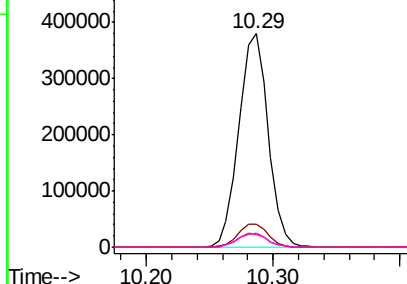
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

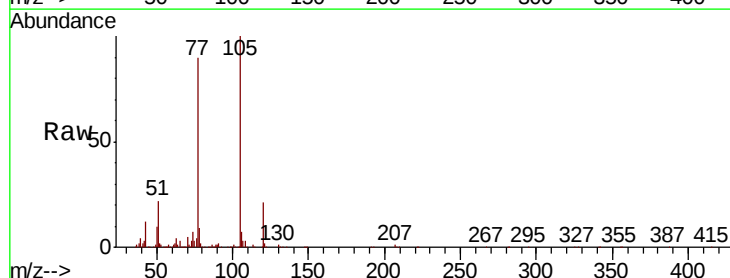
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22  
Acetophenone  
Concen: 46.479 ng  
RT: 8.35 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 771219 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.9   | 0.8   | 1.2    |
| 51       | 21.6  | 16.9  | 25.3   |
| 120      | 20.8  | 16.4  | 24.6   |



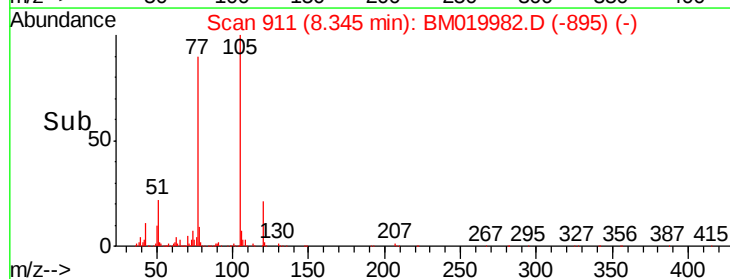
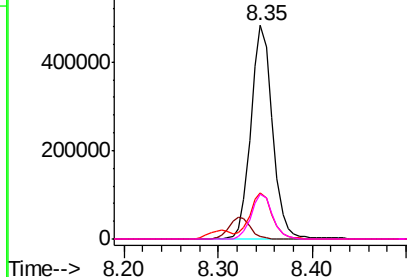
Abundance

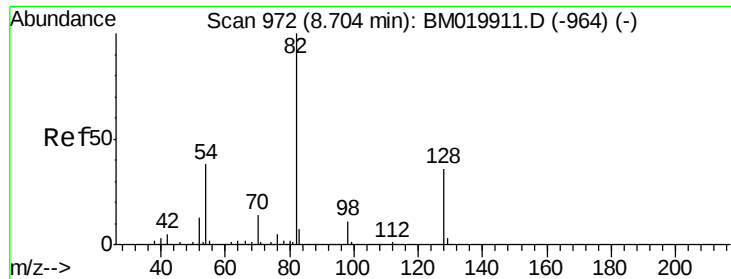
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

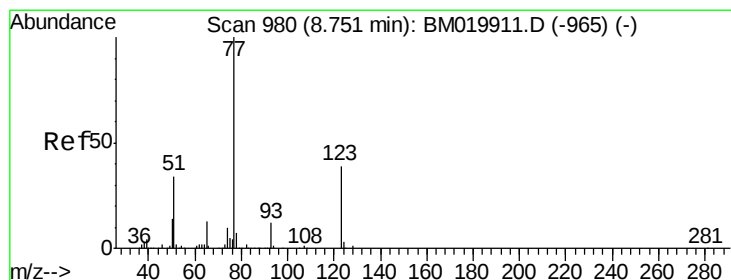
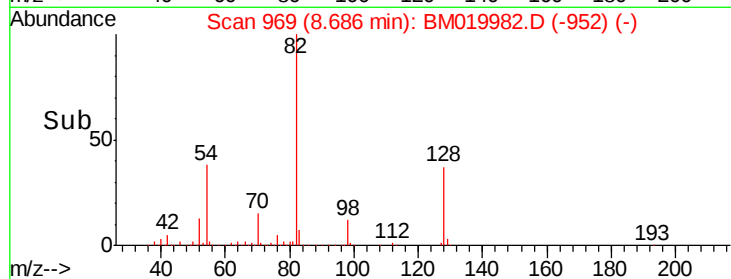
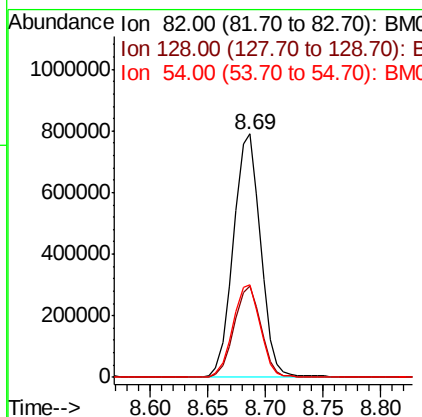
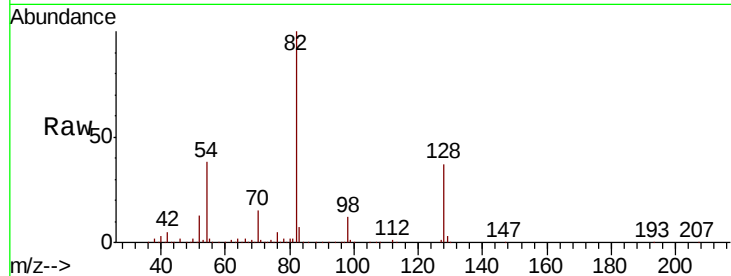




#23  
 Nitrobenzene-d5  
 Concen: 95.146 ng  
 RT: 8.69 min Scan# 969  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

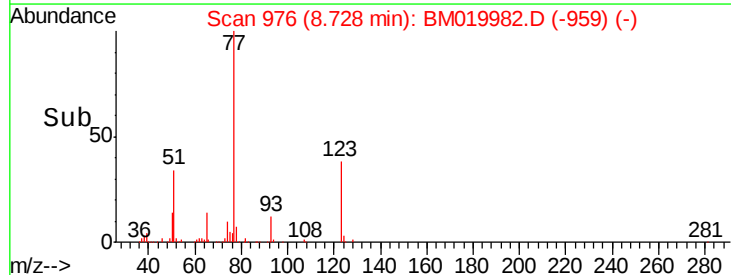
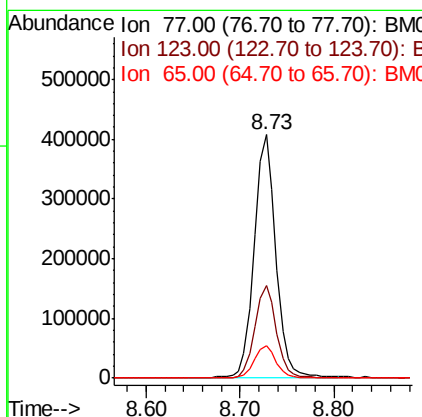
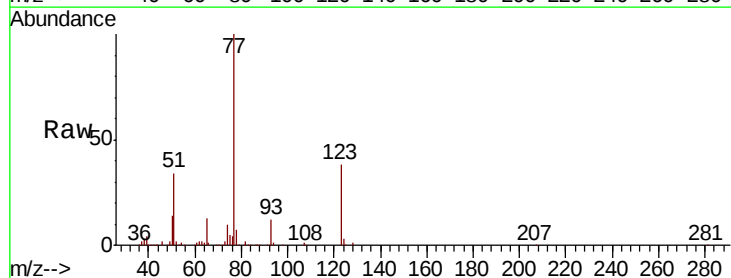
Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

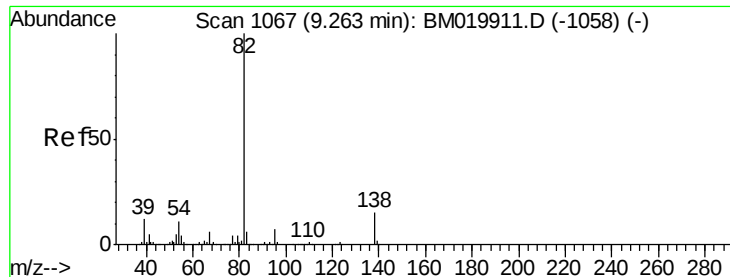
Tgt Ion: 82 Resp: 1296110  
 Ion Ratio Lower Upper  
 82 100  
 128 37.5 29.0 43.4  
 54 38.1 30.2 45.4



#24  
 Nitrobenzene  
 Concen: 46.108 ng  
 RT: 8.73 min Scan# 976  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Tgt Ion: 77 Resp: 650668  
 Ion Ratio Lower Upper  
 77 100  
 123 38.2 31.0 46.4  
 65 13.5 10.6 16.0





#25

Isophorone

Concen: 43.627 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

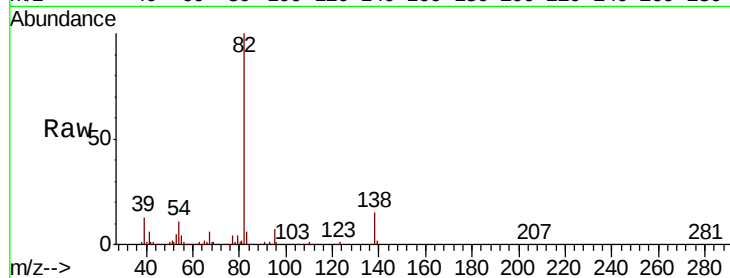
Tgt Ion: 82 Resp: 1156877

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

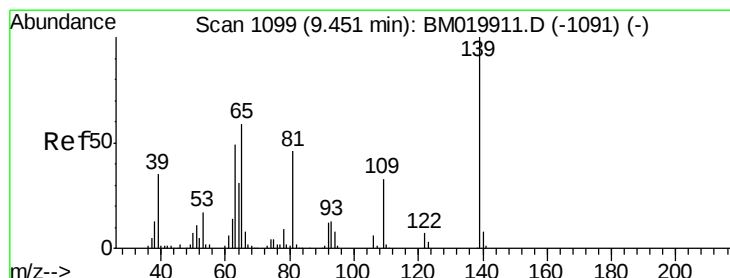
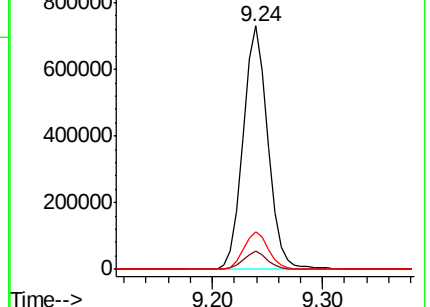
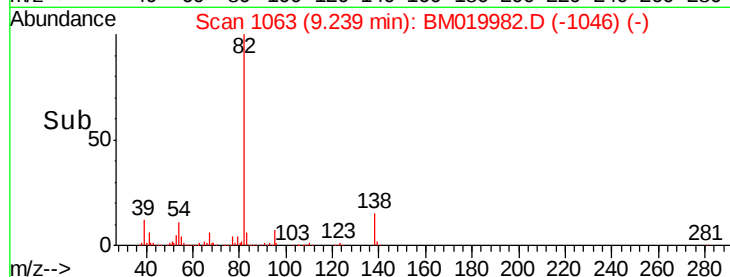
138 15.2 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM019982.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BM019982.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BM019982.D (-1046) (-)



#26

2-Nitrophenol

Concen: 41.674 ng

RT: 9.43 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

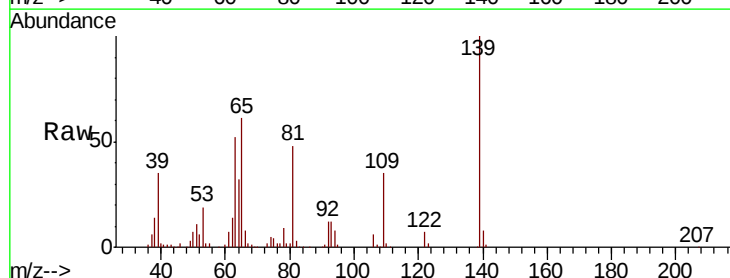
Tgt Ion: 139 Resp: 250614

Ion Ratio Lower Upper

139 100

109 34.8 26.3 39.5

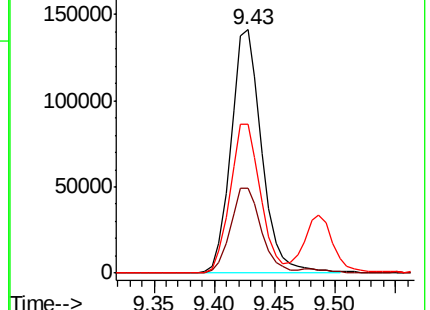
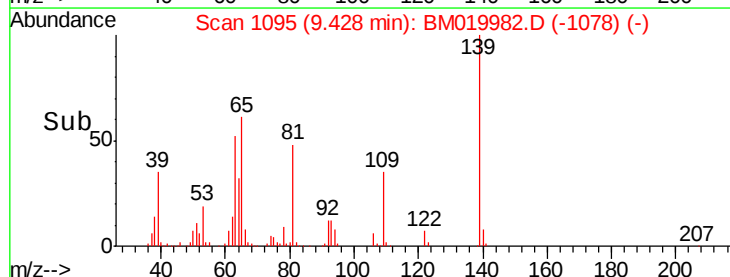
65 61.3 47.4 71.2

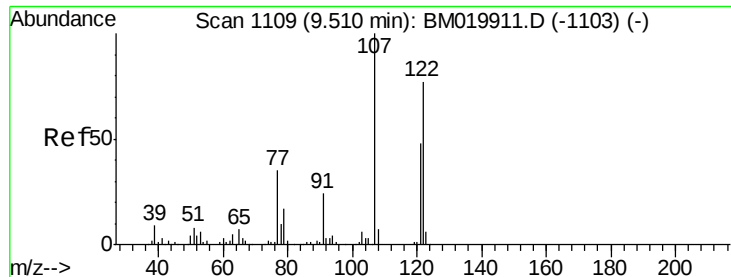


Abundance Ion 139.00 (138.70 to 139.70): BM019982.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM019982.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM019982.D (-1078) (-)

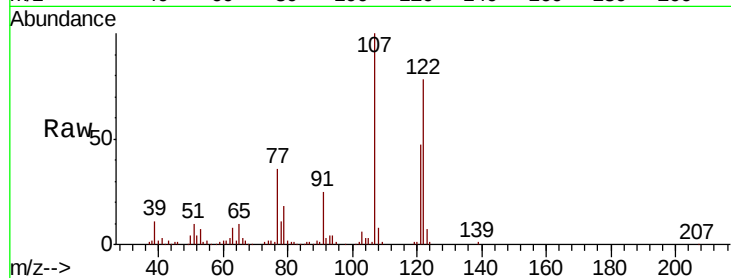




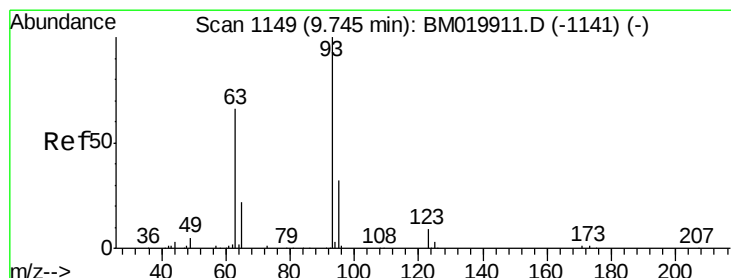
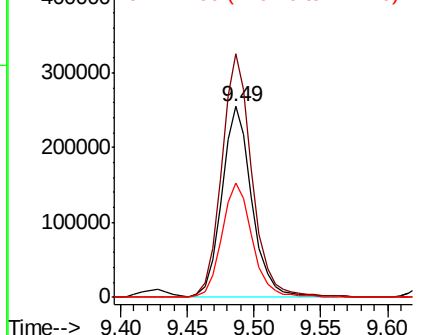
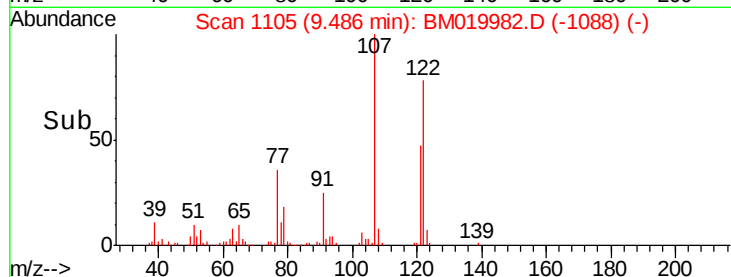
#27  
 2,4-Dimethylphenol  
 Concen: 46.778 ng  
 RT: 9.49 min Scan# 1105  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

Tgt Ion:122 Resp: 397745  
 Ion Ratio Lower Upper  
 122 100  
 107 127.6 103.1 154.7  
 121 60.2 49.8 74.8

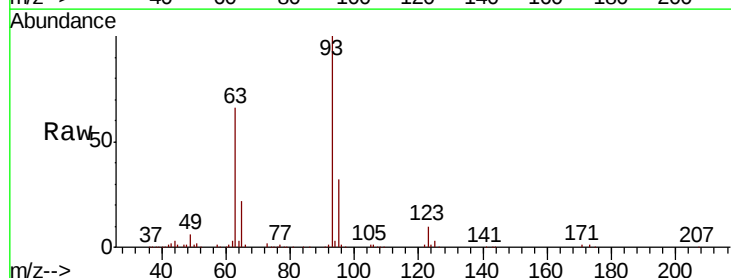


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

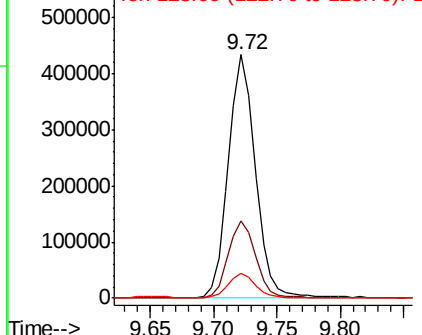
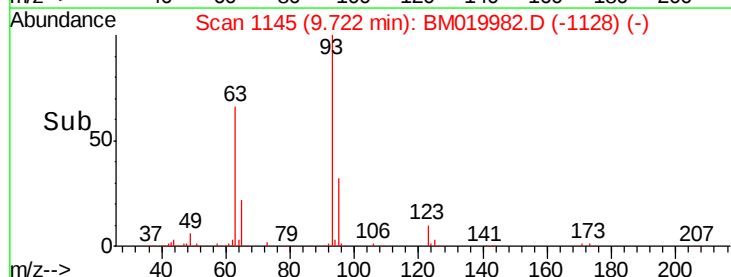


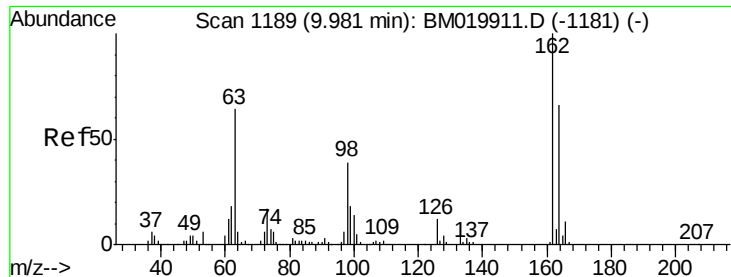
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.367 ng  
 RT: 9.72 min Scan# 1145  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Tgt Ion: 93 Resp: 643948  
 Ion Ratio Lower Upper  
 93 100  
 95 31.6 25.8 38.8  
 123 10.4 8.2 12.2



Abundance Ion 93.00 (92.70 to 93.70): BM0  
 Ion 95.00 (94.70 to 95.70): BM0  
 Ion 123.00 (122.70 to 123.70): E

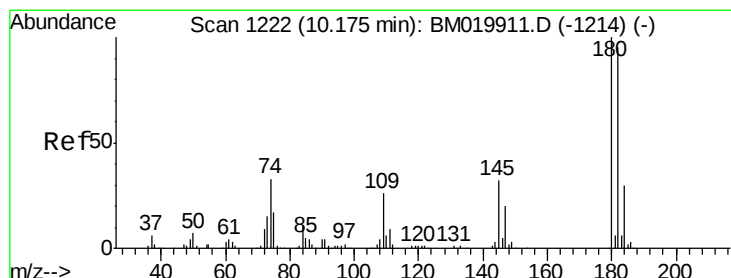
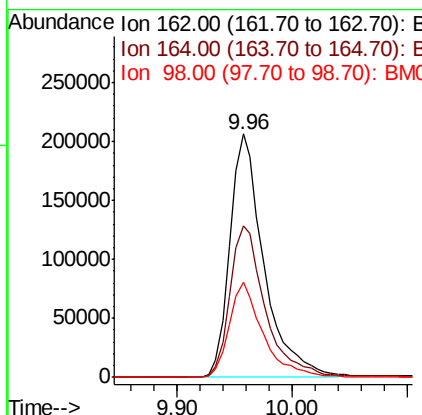
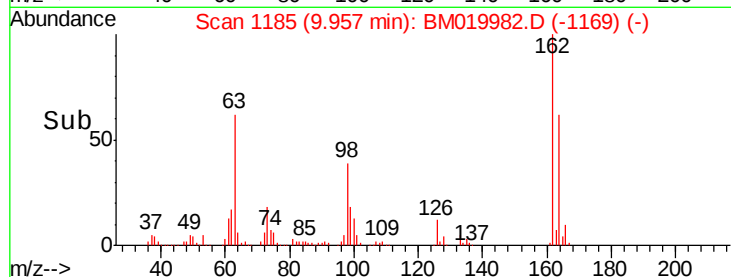
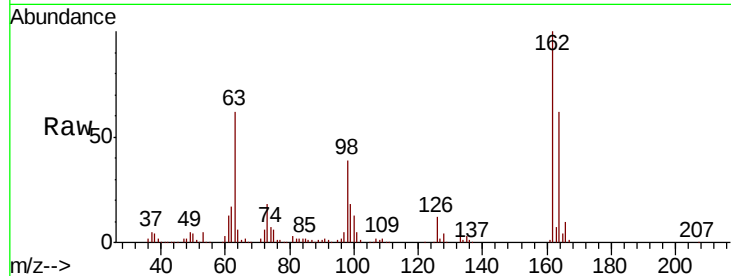




#29  
2,4-Dichlorophenol  
Concen: 43.680 ng  
RT: 9.96 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

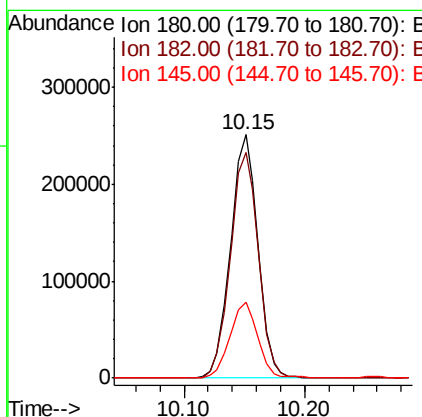
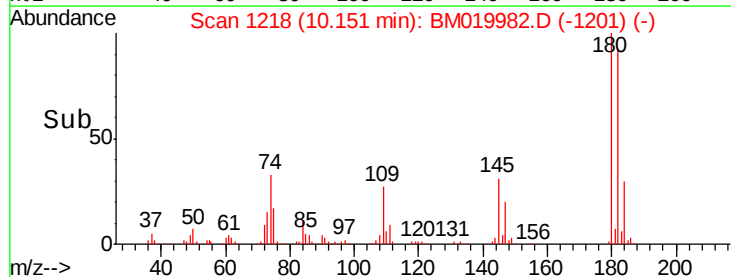
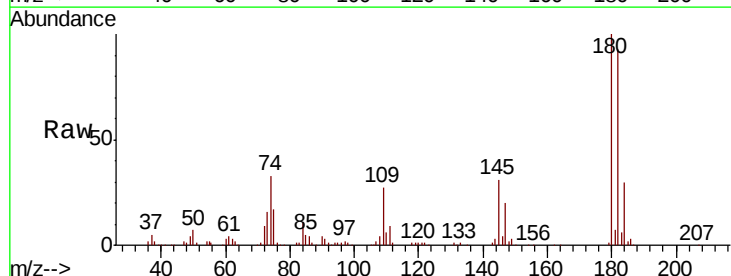
Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

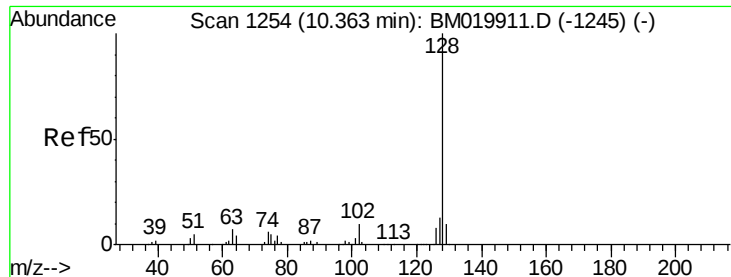
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.2  | 46.3  | 86.3  |
| 98      | 39.2  | 19.2  | 59.2  |



#30  
1,2,4-Trichlorobenzene  
Concen: 38.164 ng  
RT: 10.15 min Scan# 1218  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.8  | 76.3  | 114.5 |
| 145     | 31.0  | 25.5  | 38.3  |

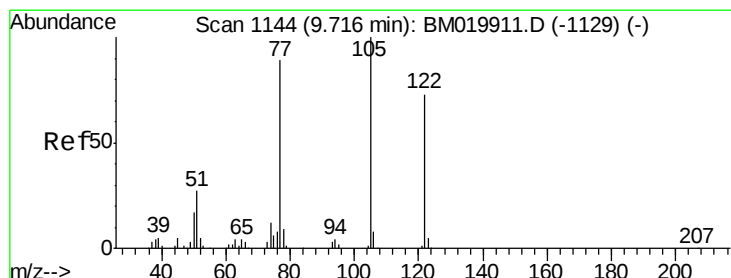
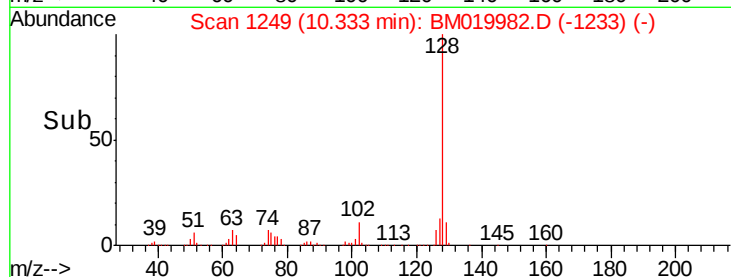
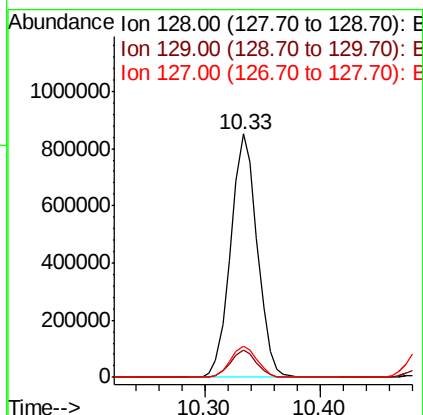
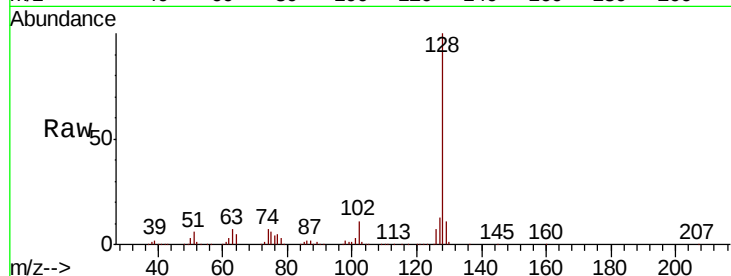




#31  
Naphthalene  
Concen: 41.324 ng  
RT: 10.33 min Scan# 1249  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

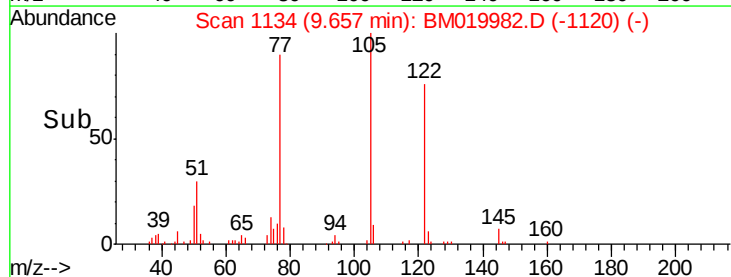
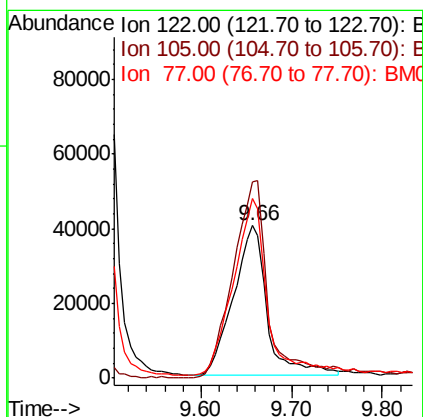
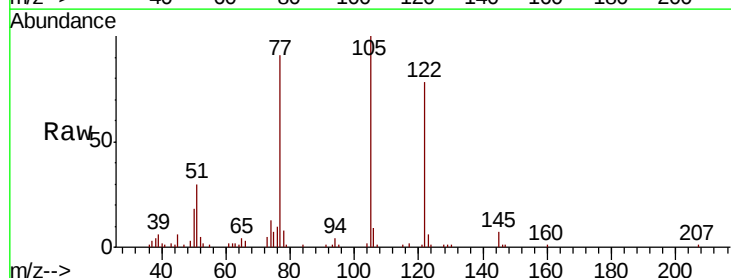
Instrument :  
BNA\_M  
ClientSampled :  
GMW-7MS

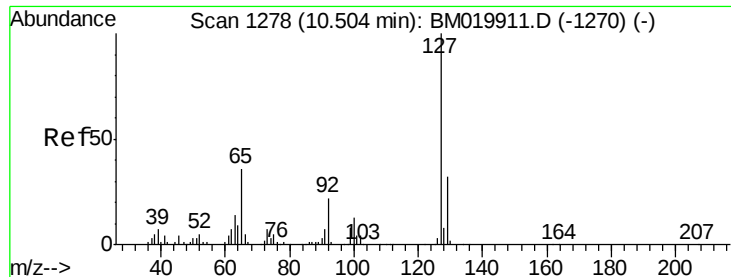
Tgt Ion:128 Resp: 1350299  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.3 12.5  
127 12.9 10.4 15.6



#32  
Benzoic acid  
Concen: 16.739 ng  
RT: 9.66 min Scan# 1134  
Delta R.T. -0.02 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Tgt Ion:122 Resp: 104475  
Ion Ratio Lower Upper  
122 100  
105 128.4 114.8 154.8  
77 117.3 100.2 140.2

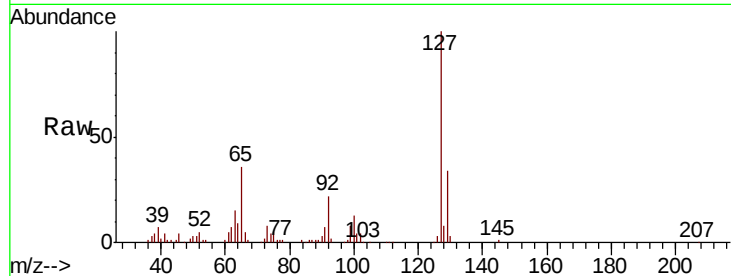




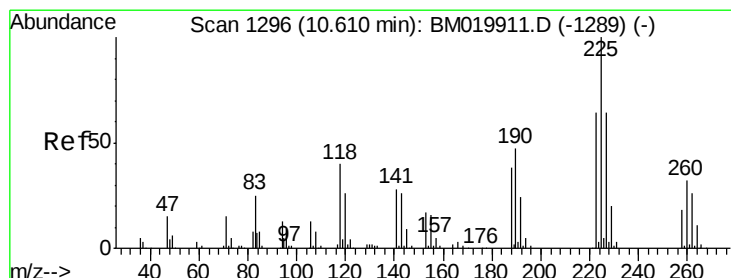
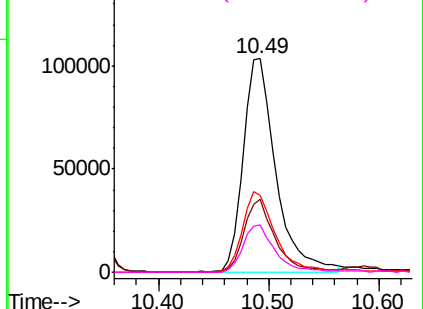
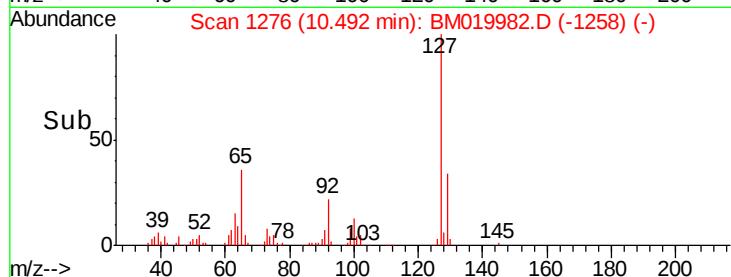
#33  
4-Chloroaniline  
Concen: 16.057 ng  
RT: 10.49 min Scan# 1276  
Delta R.T. 0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 216151 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.2  | 25.4  | 38.0   |
| 65       | 35.8  | 29.2  | 43.8   |
| 92       | 22.0  | 17.5  | 26.3   |

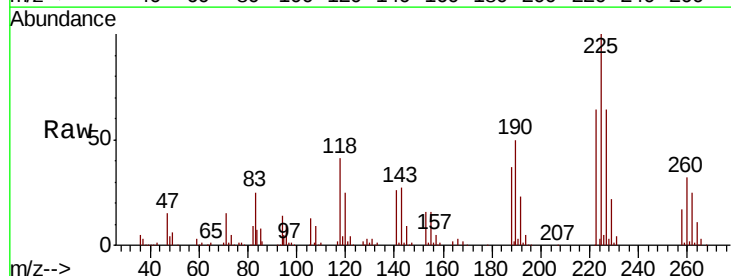


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

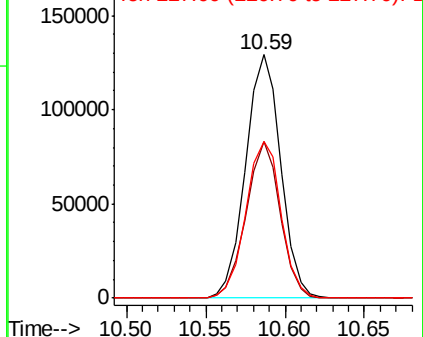
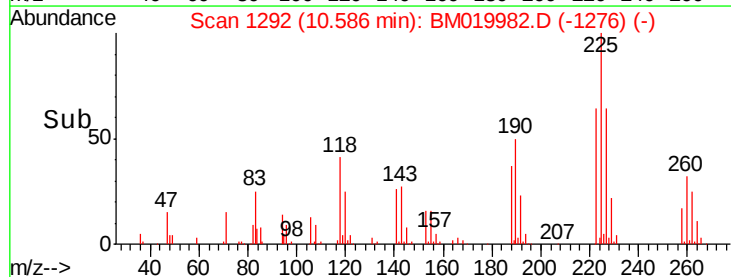


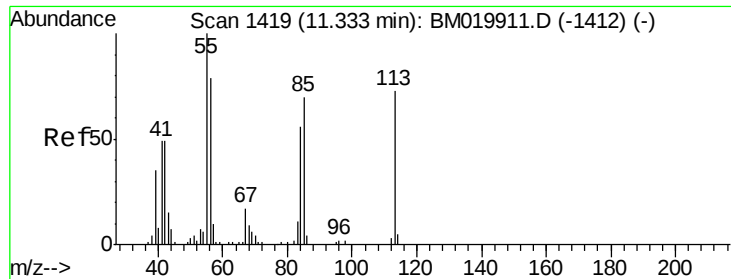
#34  
Hexachlorobutadiene  
Concen: 32.354 ng  
RT: 10.59 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 198333 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 51.4  | 77.2   |
| 227      | 64.3  | 51.0  | 76.6   |



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: 3.247 ng

RT: 11.34 min Scan# 1420

Delta R.T. 0.04 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

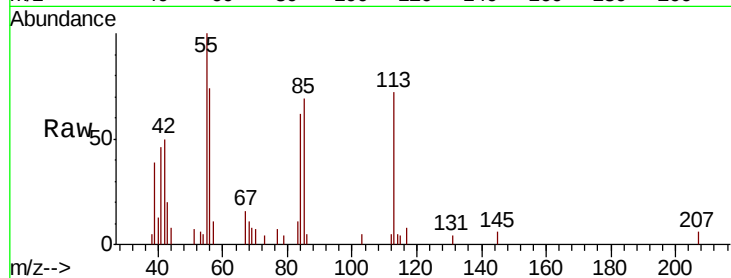
Tgt Ion:113 Resp: 11869

Ion Ratio Lower Upper

113 100

55 138.5 117.1 157.1

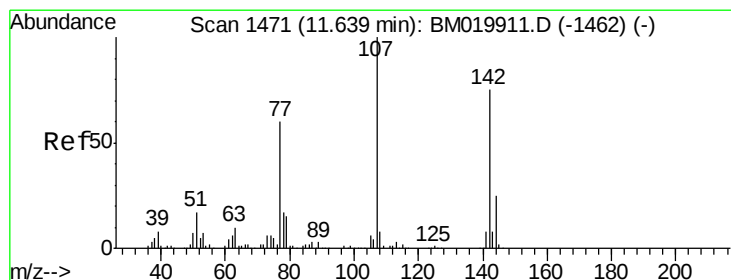
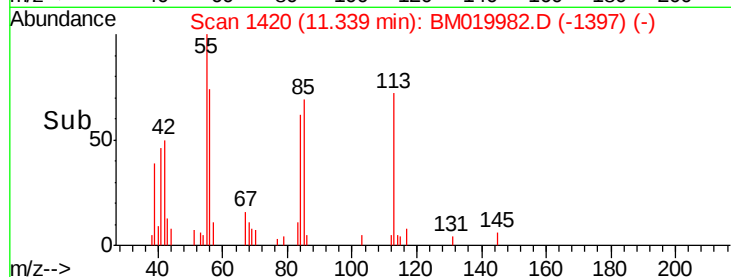
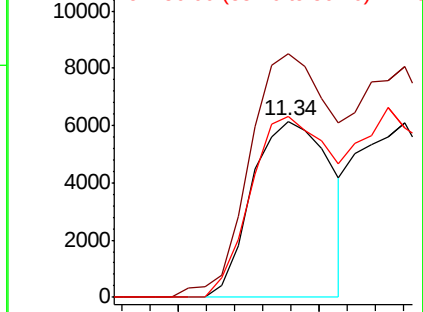
56 102.6 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.818 ng

RT: 11.62 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

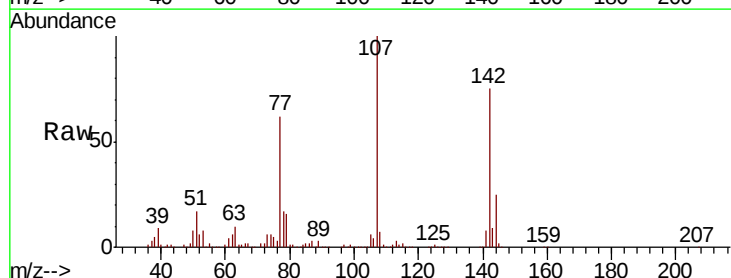
Tgt Ion:107 Resp: 465785

Ion Ratio Lower Upper

107 100

144 24.6 19.8 29.8

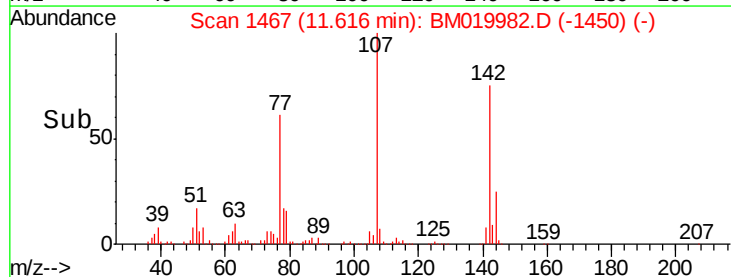
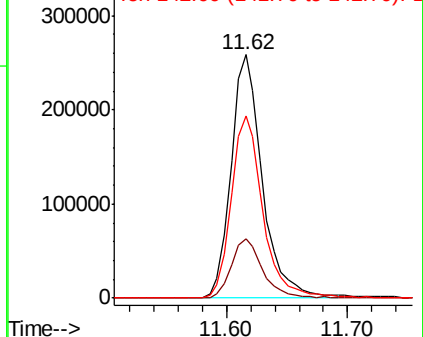
142 75.0 60.3 90.5

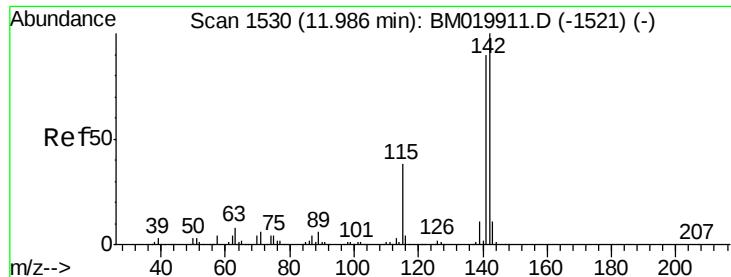


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

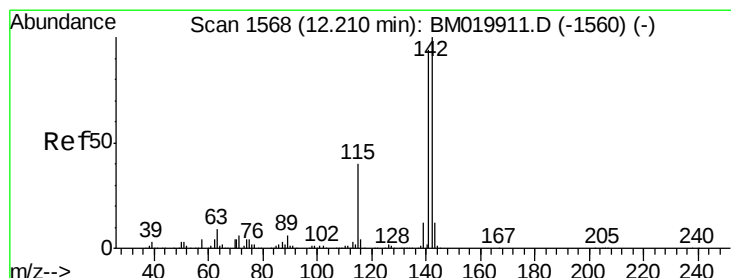
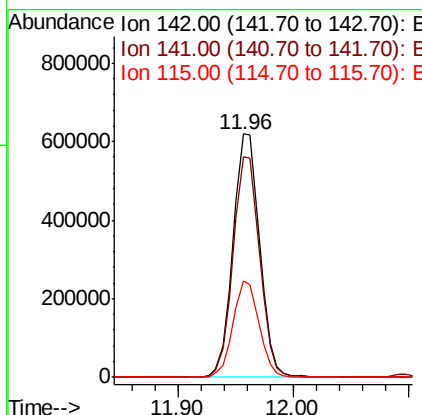
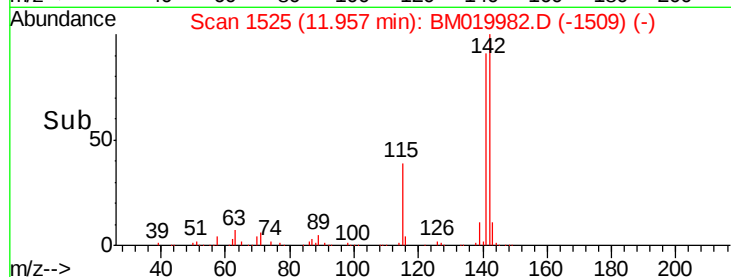
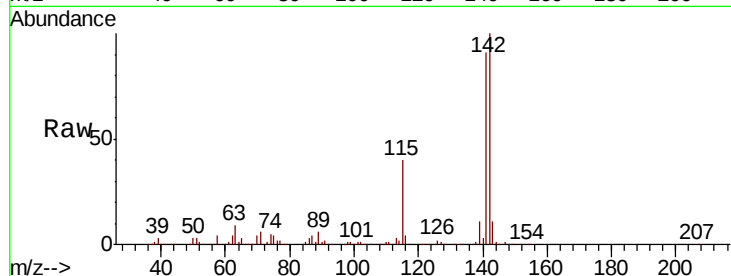




#37  
2-Methylnaphthalene  
Concen: 41.687 ng  
RT: 11.96 min Scan# 1525  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

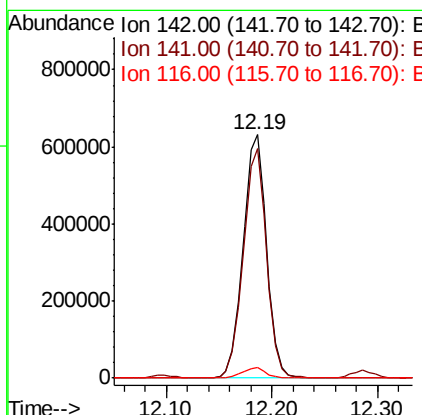
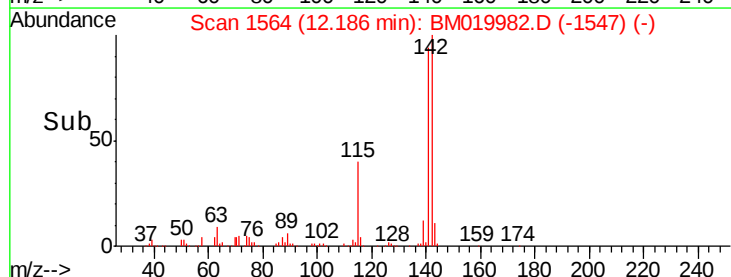
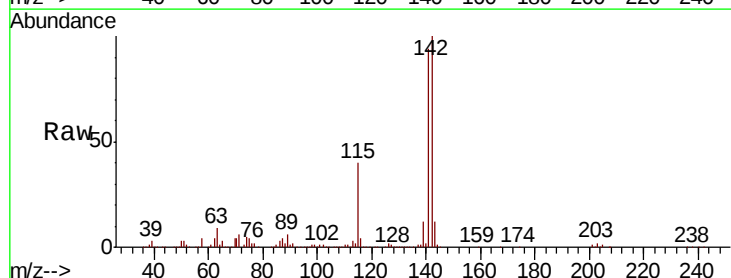
Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

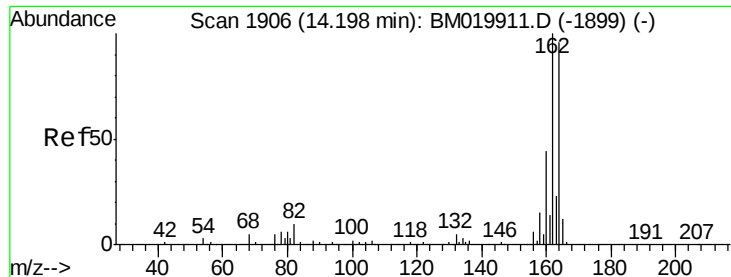
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 72.3  | 108.5 |
| 115     | 39.6  | 30.5  | 45.7  |



#38  
1-Methylnaphthalene  
Concen: 40.960 ng  
RT: 12.19 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.4  | 75.7  | 113.5 |
| 116     | 4.4   | 3.4   | 5.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

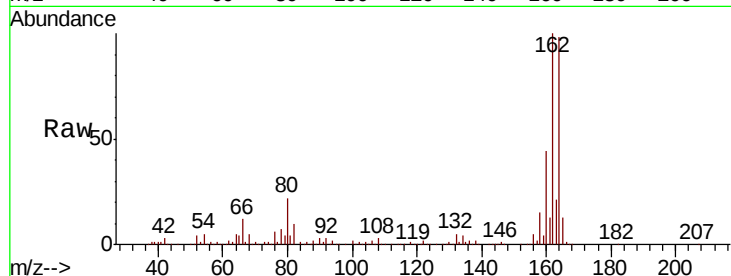
Tgt Ion:164 Resp: 352913

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.4

160 45.4 36.6 55.0

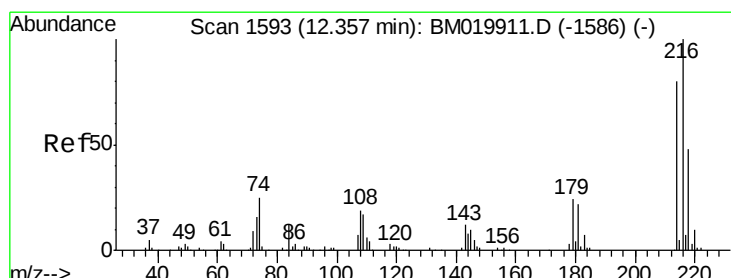
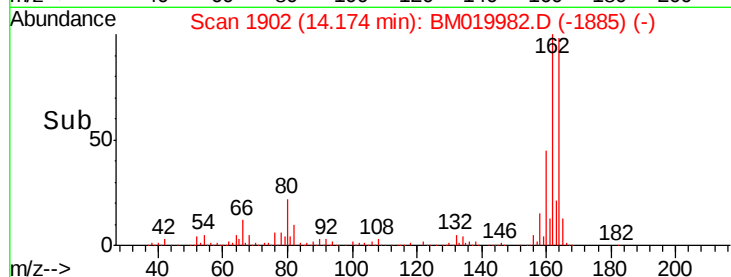
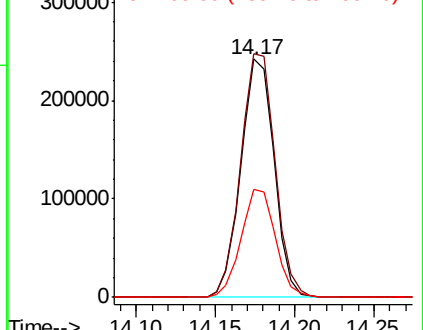


Abundance

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: 42.929 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Tgt Ion:216 Resp: 467376

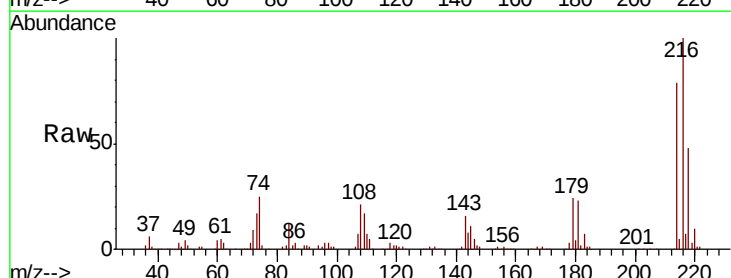
Ion Ratio Lower Upper

216 100

214 79.8 63.1 94.7

179 23.3 19.0 28.6

108 20.9 16.3 24.5



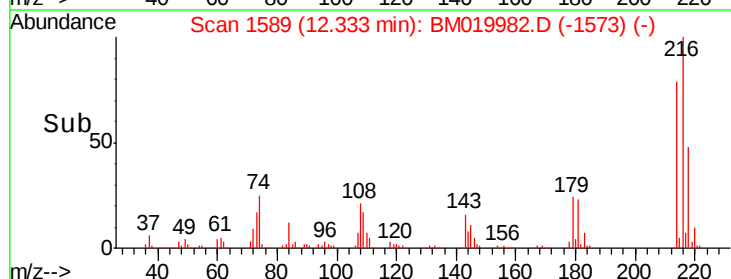
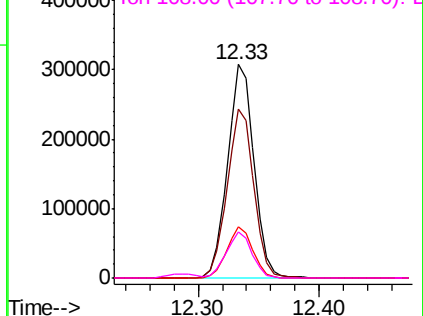
Abundance

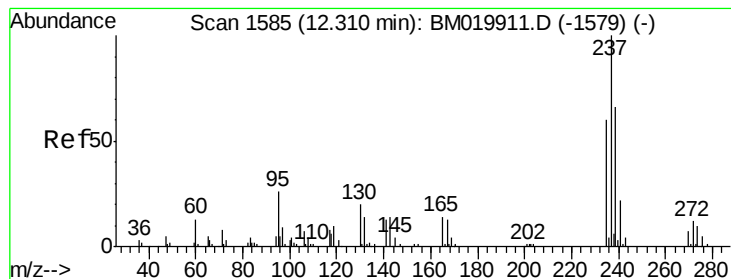
Ion 216.00 (215.70 to 216.70): E

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: 55.839 ng

RT: 12.29 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

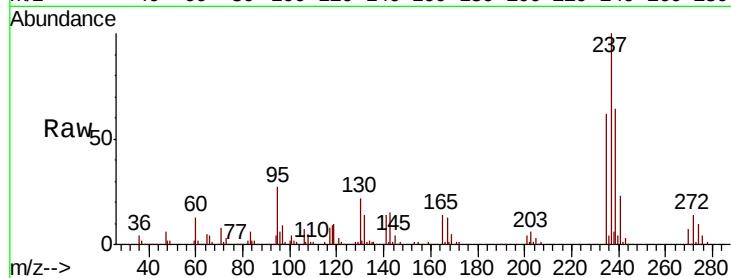
Tgt Ion: 237 Resp: 199338

Ion Ratio Lower Upper

237 100

235 61.7 40.4 80.4

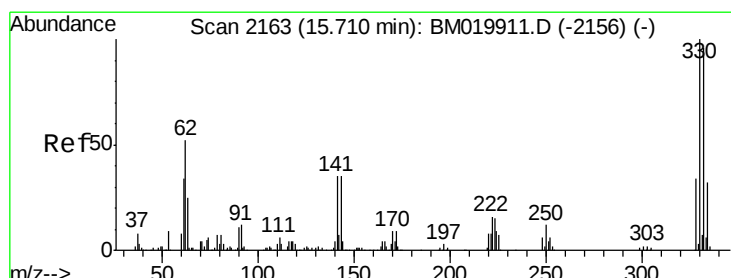
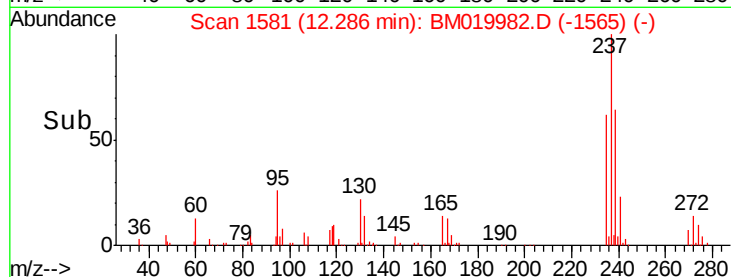
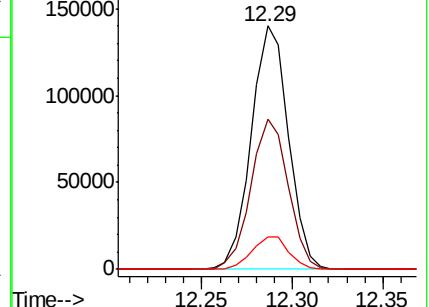
272 13.5 0.0 32.3



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: 144.367 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

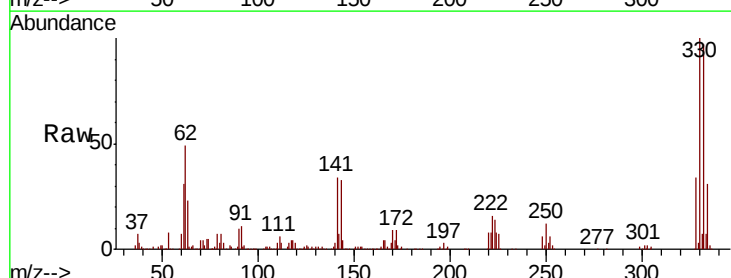
Tgt Ion: 330 Resp: 820140

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

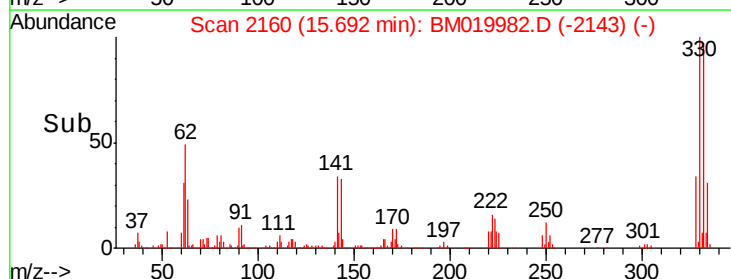
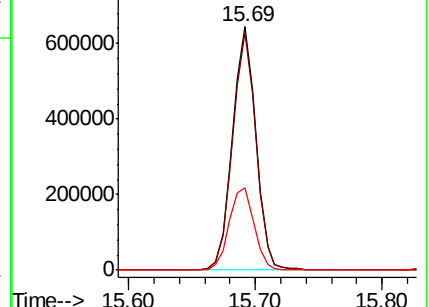
141 36.4 29.0 43.4



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

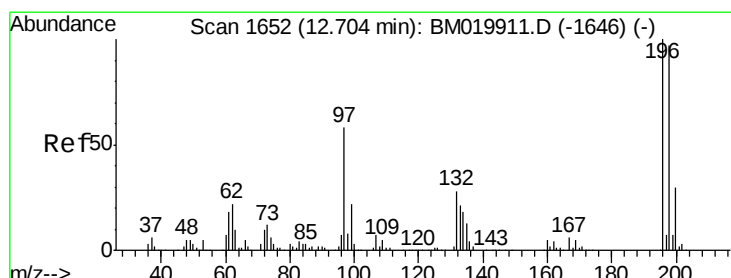
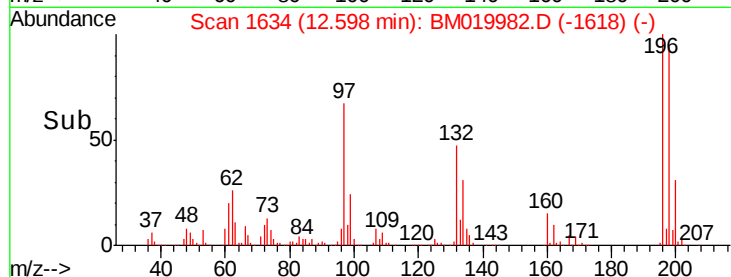
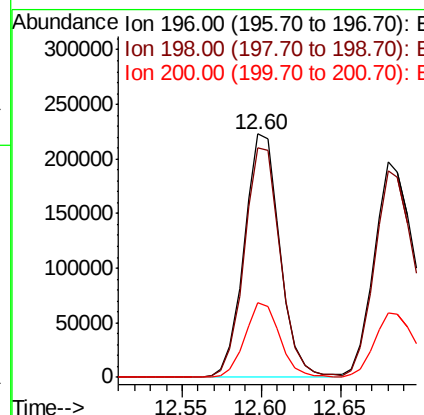
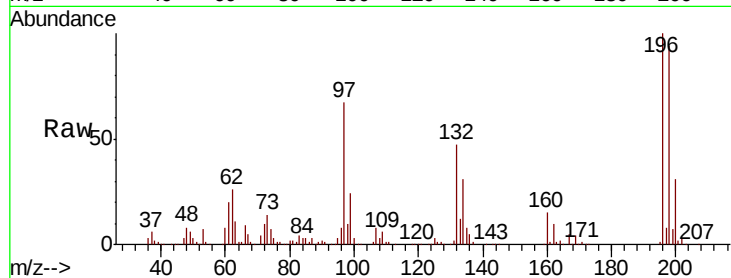




#43  
 2,4,6-Trichlorophenol  
 Concen: 47.177 ng  
 RT: 12.60 min Scan# 1634  
 Delta R.T. -0.01 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

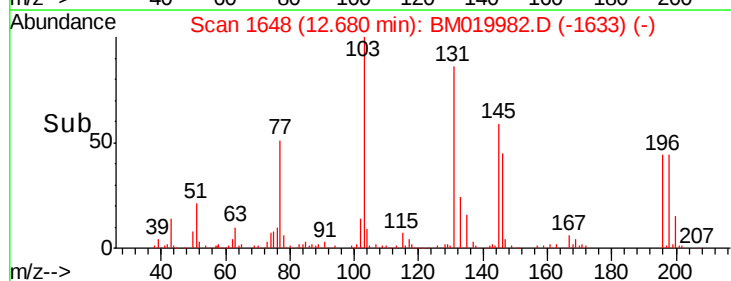
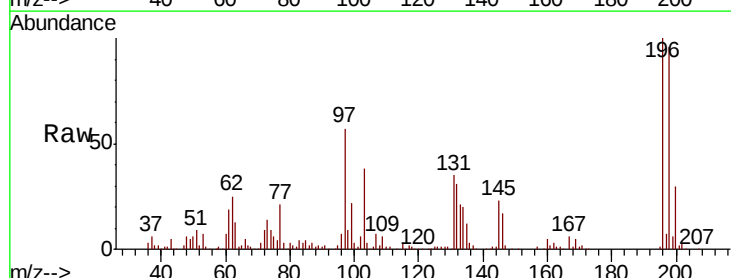
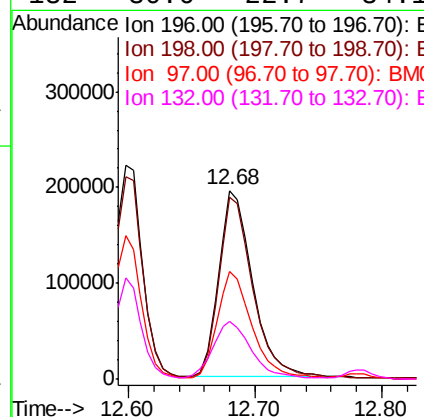
Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

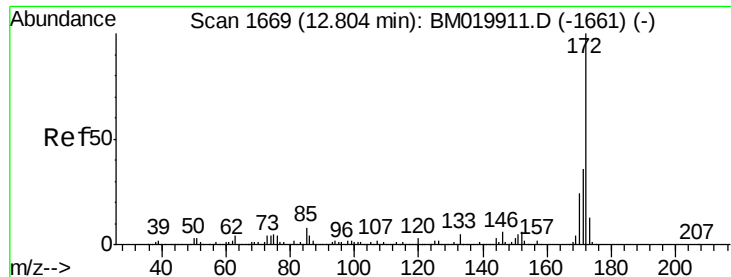
Tgt Ion:196 Resp: 348220  
 Ion Ratio Lower Upper  
 196 100  
 198 94.4 76.8 115.2  
 200 30.5 24.6 37.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.335 ng  
 RT: 12.68 min Scan# 1648  
 Delta R.T. -0.01 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Tgt Ion:196 Resp: 363638  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 77.8 116.8  
 97 56.9 46.2 69.2  
 132 30.6 22.7 34.1

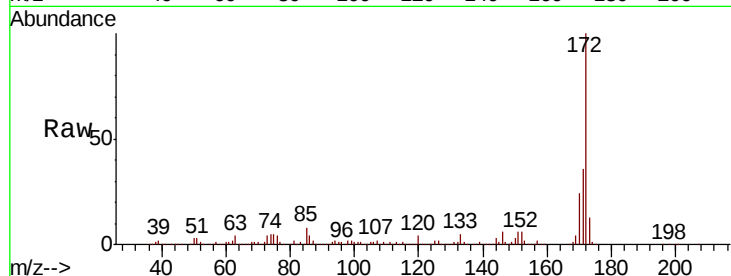




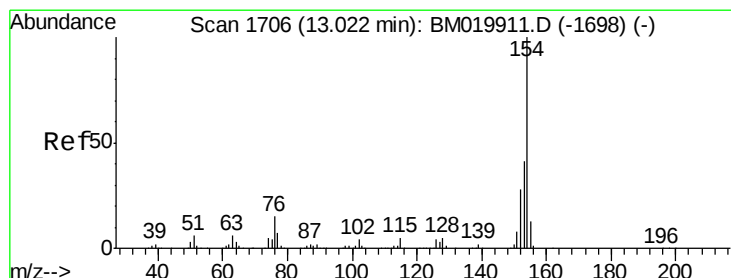
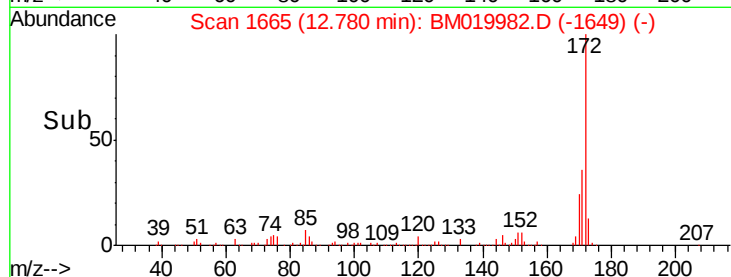
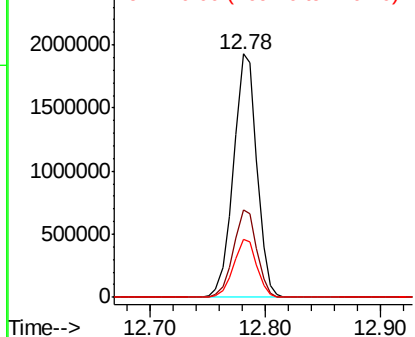
#45  
2-Fluorobiphenyl  
Concen: 95.479 ng  
RT: 12.78 min Scan# 1665  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

Tgt Ion:172 Resp: 2703814  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.9 43.3  
170 23.7 19.0 28.4

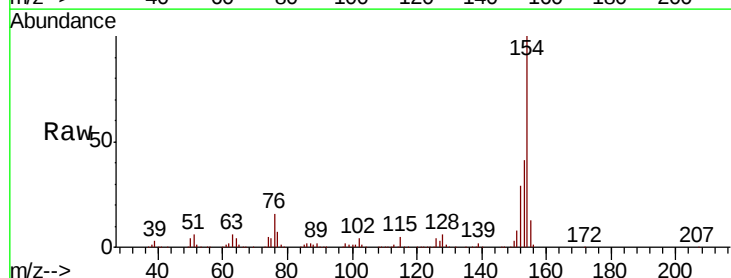


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

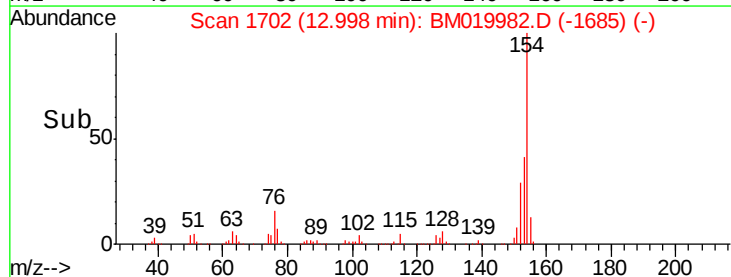
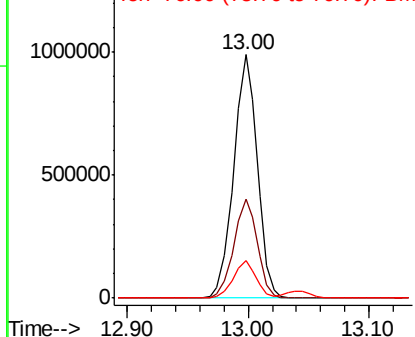


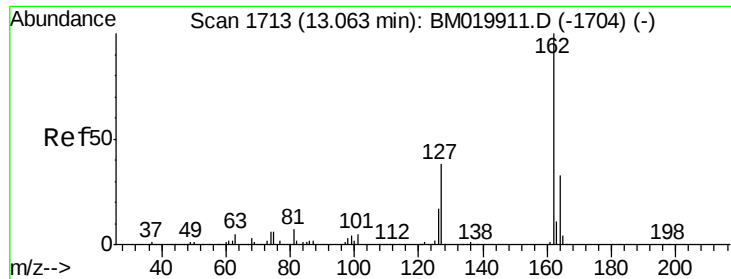
#46  
1,1'-Biphenyl  
Concen: 44.114 ng  
RT: 13.00 min Scan# 1702  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Tgt Ion:154 Resp: 1348430  
Ion Ratio Lower Upper  
154 100  
153 40.9 21.0 61.0  
76 15.5 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BM

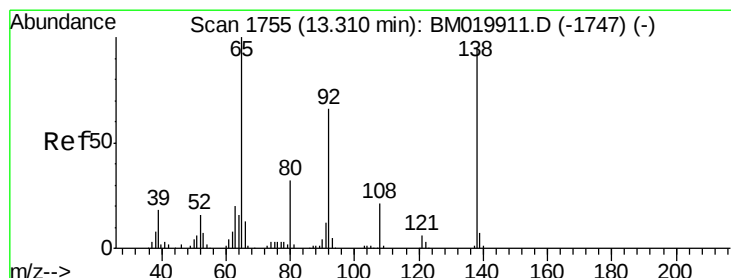
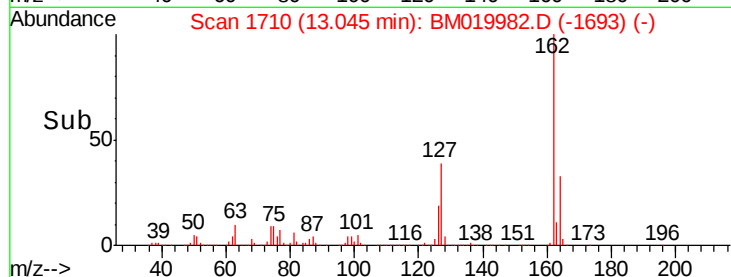
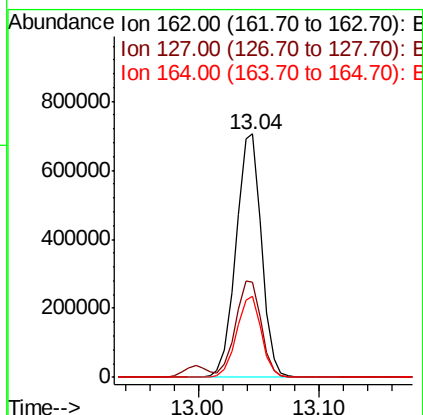
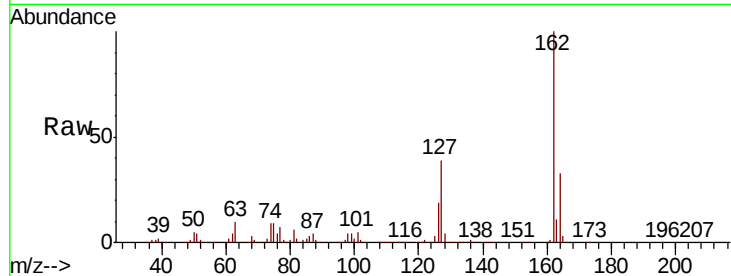




#47  
 2-Chloronaphthalene  
 Concen: 44.484 ng  
 RT: 13.04 min Scan# 1710  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

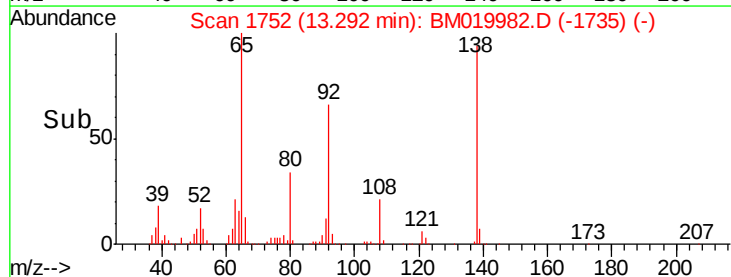
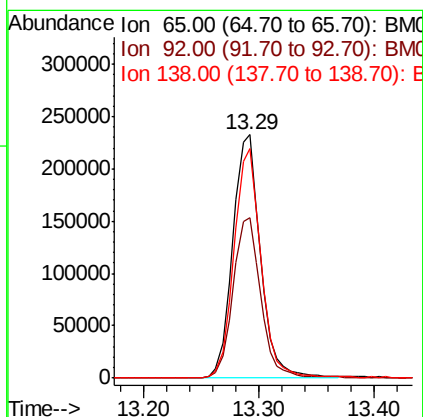
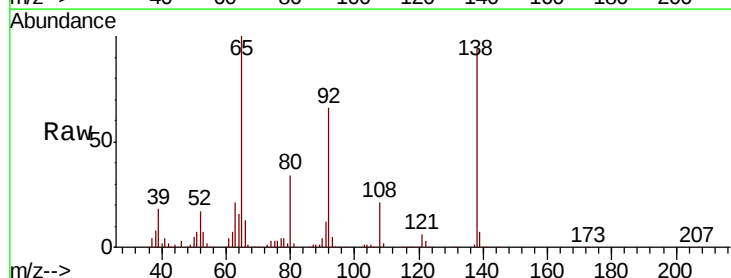
Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

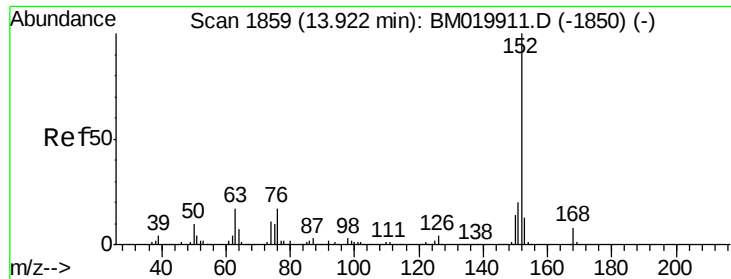
Tgt Ion: 162 Resp: 1037166  
 Ion Ratio Lower Upper  
 162 100  
 127 39.3 32.3 48.5  
 164 33.1 26.3 39.5



#48  
 2-Nitroaniline  
 Concen: 45.983 ng  
 RT: 13.29 min Scan# 1752  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Tgt Ion: 65 Resp: 386450  
 Ion Ratio Lower Upper  
 65 100  
 92 66.0 52.9 79.3  
 138 94.2 75.8 113.6





#49

Acenaphthylene

Concen: 43.078 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

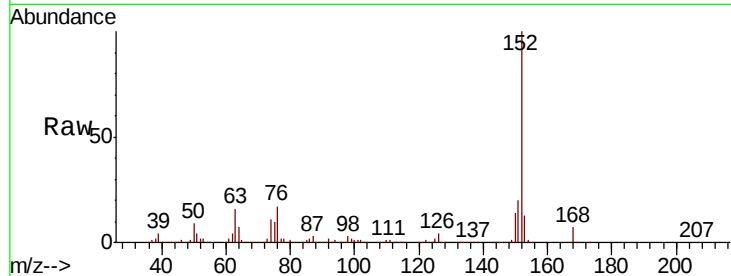
Tgt Ion:152 Resp: 1747560

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

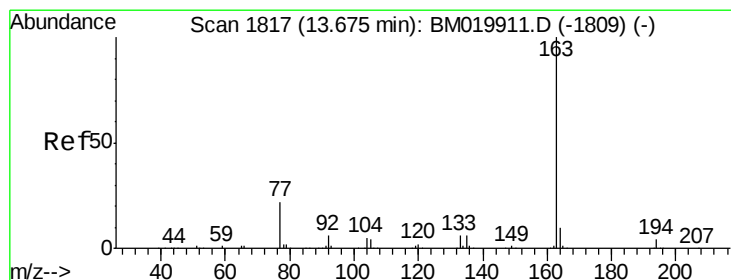
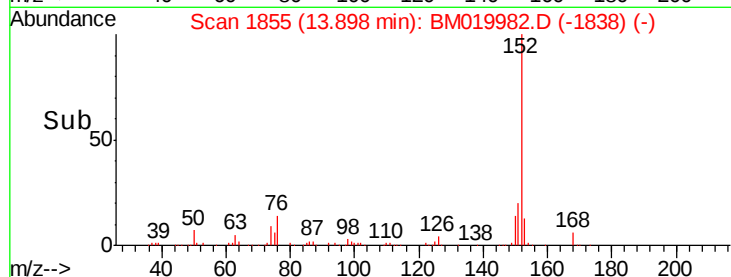
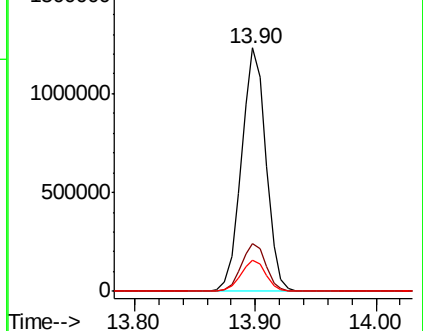
153 12.9 10.6 16.0



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: 46.594 ng

RT: 13.65 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

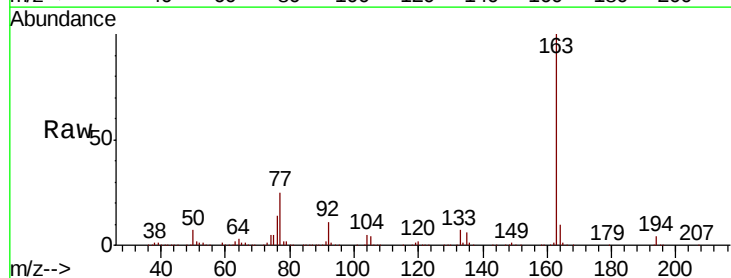
Tgt Ion:163 Resp: 1450415

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

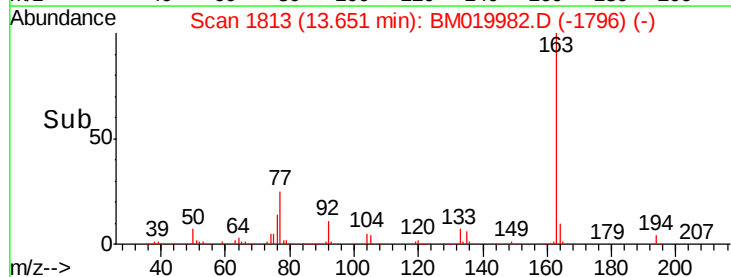
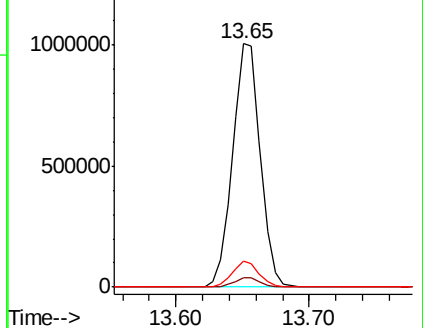
164 10.4 7.9 11.9

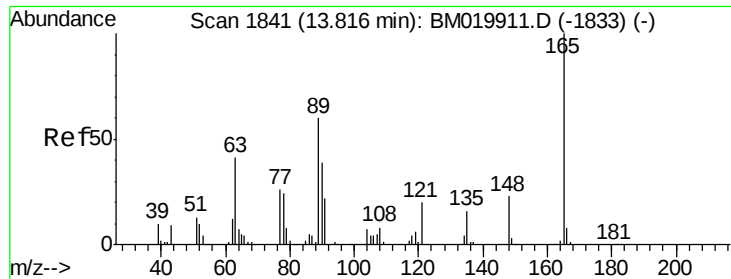


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

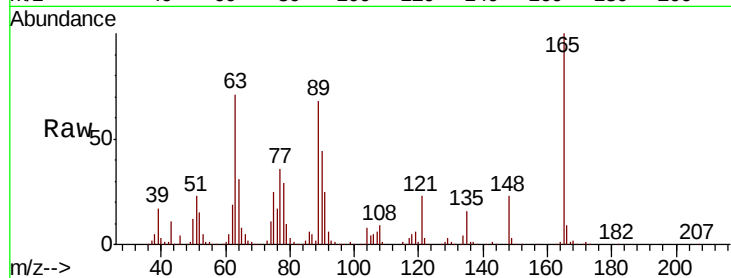




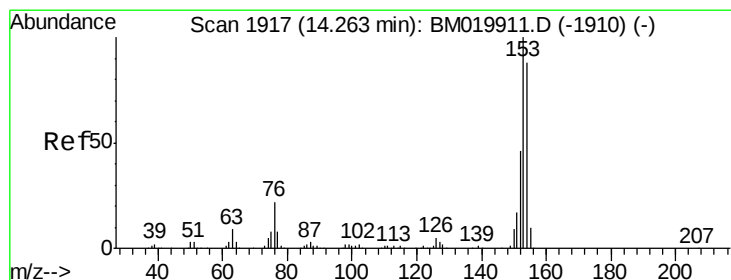
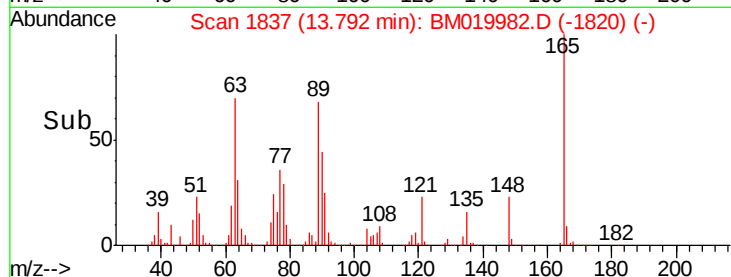
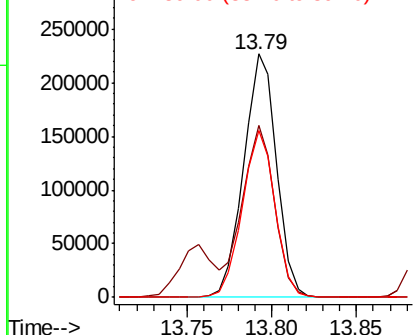
#51  
 2,6-Dinitrotoluene  
 Concen: 44.712 ng  
 RT: 13.79 min Scan# 1837  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

Tgt Ion:165 Resp: 307776  
 Ion Ratio Lower Upper  
 165 100  
 63 70.8 48.5 72.7  
 89 68.4 48.2 72.4

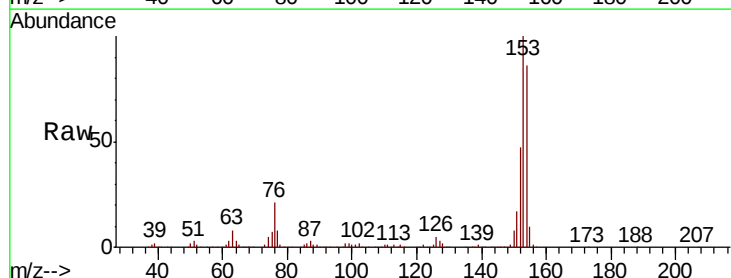


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM  
 Ion 89.00 (88.70 to 89.70): BM

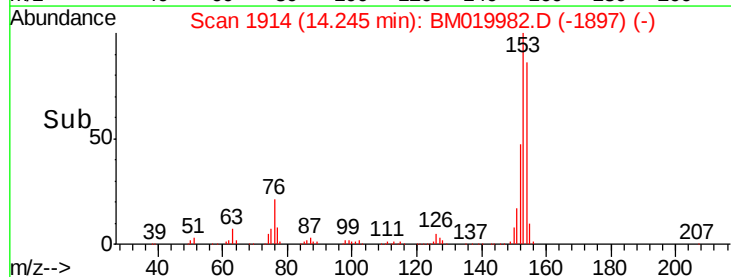
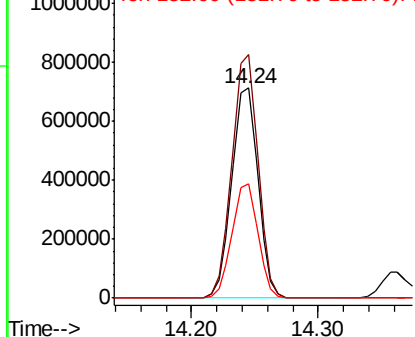


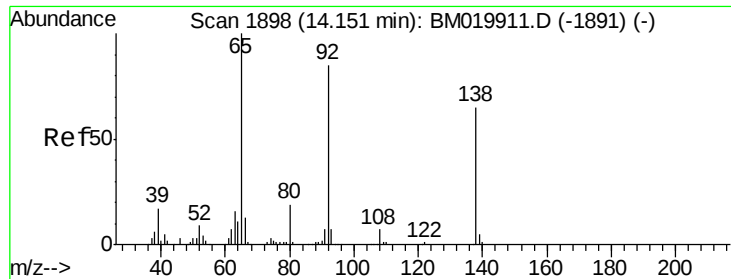
#52  
 Acenaphthene  
 Concen: 45.377 ng  
 RT: 14.24 min Scan# 1914  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Tgt Ion:154 Resp: 1020659  
 Ion Ratio Lower Upper  
 154 100  
 153 115.9 91.0 136.4  
 152 54.3 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.829 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

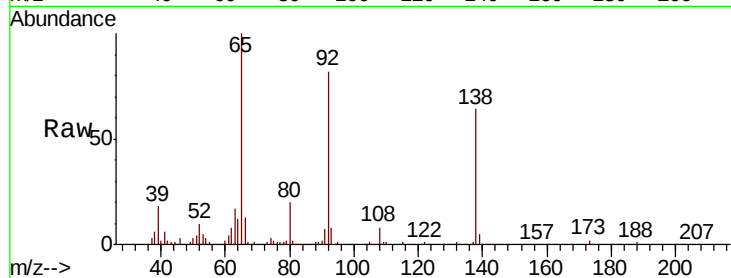
Tgt Ion:138 Resp: 143168

Ion Ratio Lower Upper

138 100

108 11.9 8.9 13.3

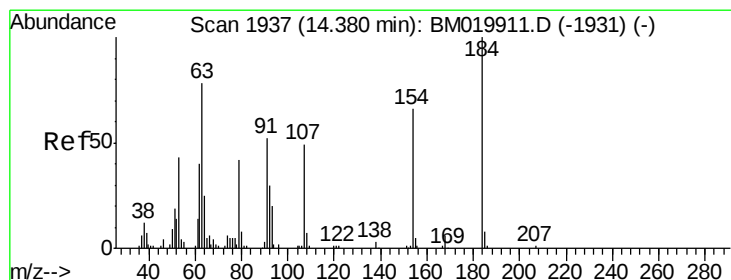
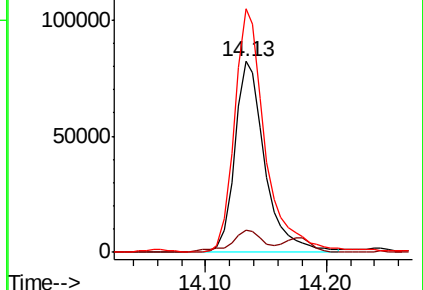
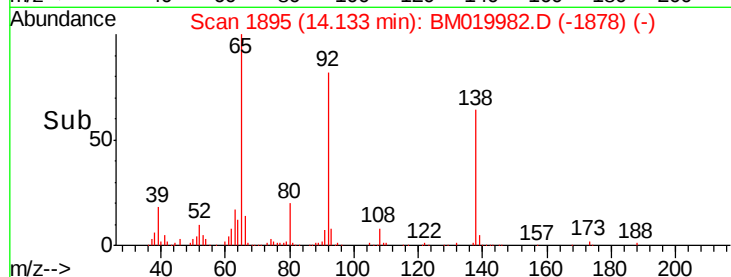
92 127.7 103.8 155.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 58.024 ng

RT: 14.36 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

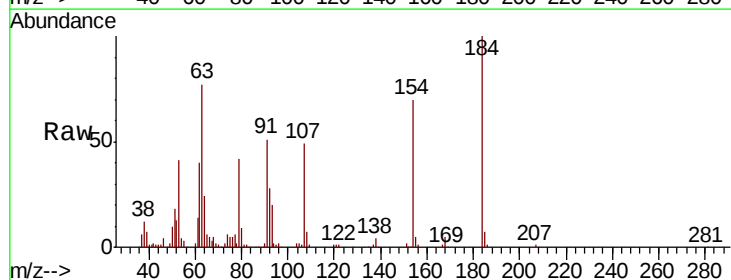
Tgt Ion:184 Resp: 229196

Ion Ratio Lower Upper

184 100

63 77.5 62.3 93.5

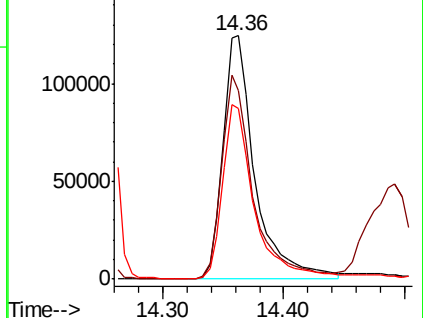
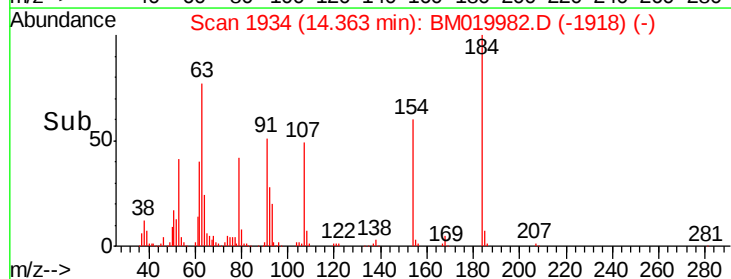
154 70.3 53.0 79.6

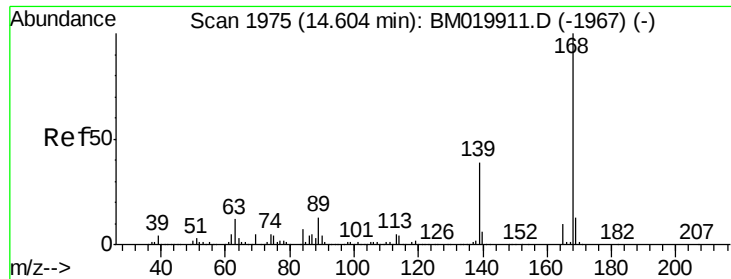


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

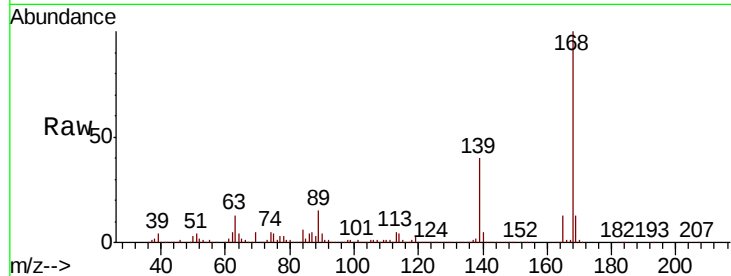




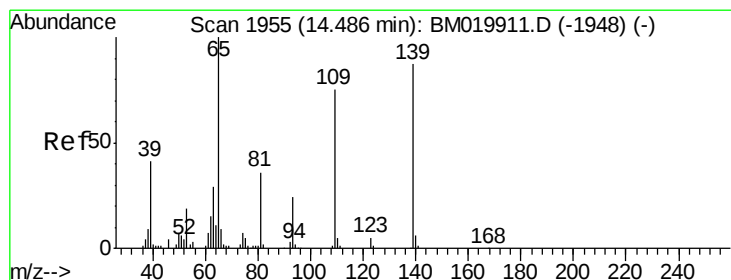
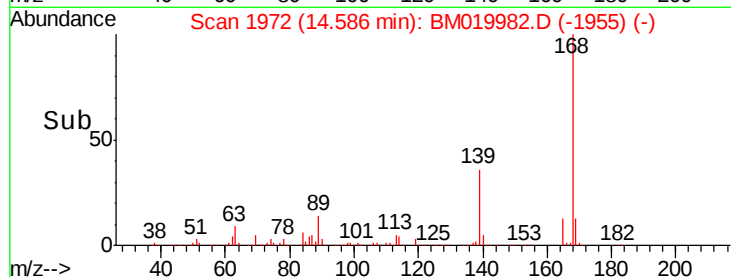
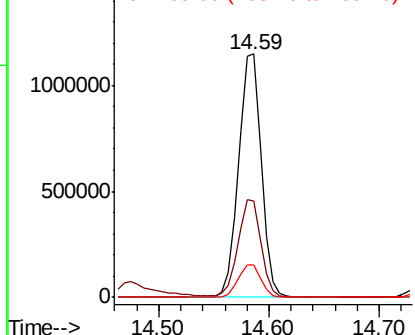
#55  
Dibenzofuran  
Concen: 45.293 ng  
RT: 14.59 min Scan# 1972  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

Tgt Ion:168 Resp: 1665942  
Ion Ratio Lower Upper  
168 100  
139 39.6 31.5 47.3  
169 13.1 10.6 16.0

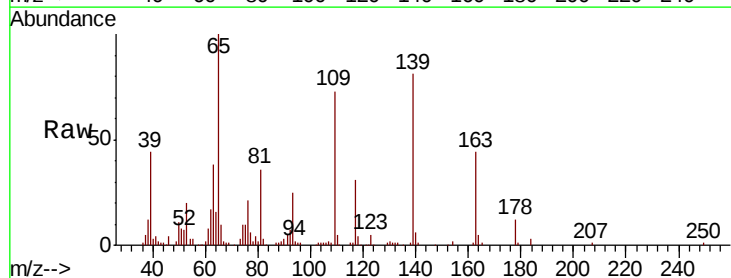


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

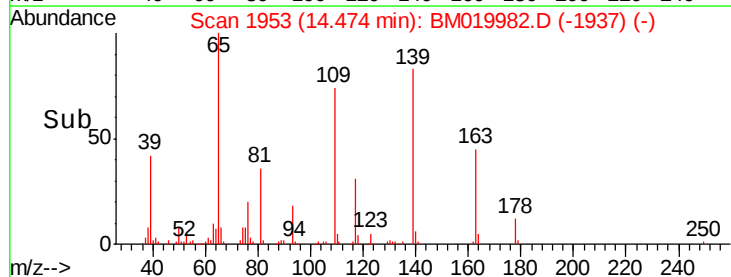
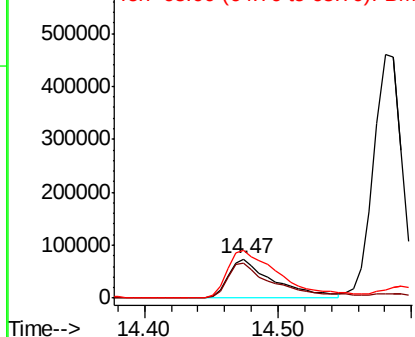


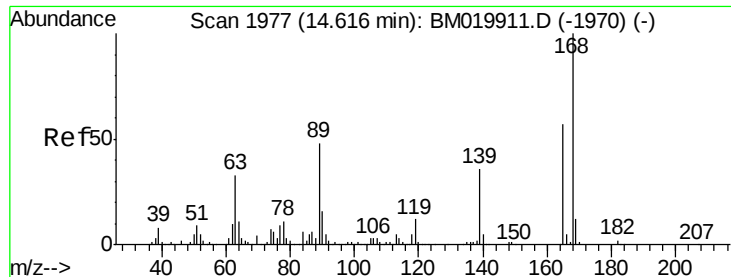
#56  
4-Nitrophenol  
Concen: 35.864 ng  
RT: 14.47 min Scan# 1953  
Delta R.T. -0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Tgt Ion:139 Resp: 175592  
Ion Ratio Lower Upper  
139 100  
109 89.5 65.3 105.3  
65 123.0 94.9 134.9



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BM

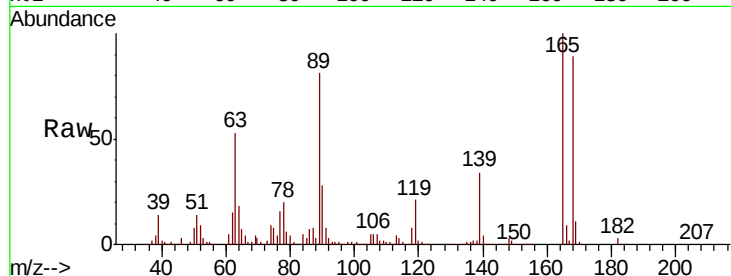




#57  
 2,4-Dinitrotoluene  
 Concen: 45.270 ng  
 RT: 14.60 min Scan# 1974  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Instrument :  
 BNA\_M  
 ClientSampleID :  
 GMW-7MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.5  | 46.0  | 69.0  |
| 89      | 81.1  | 67.5  | 101.3 |
| 182     | 2.8   | 2.4   | 3.6   |



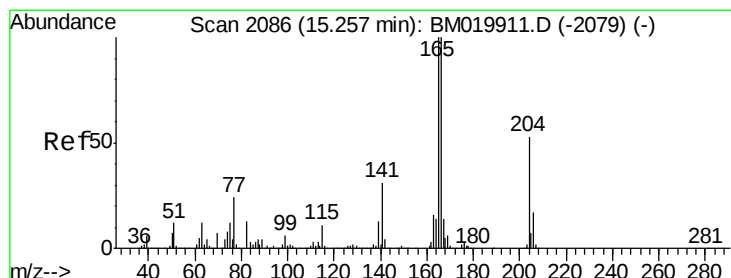
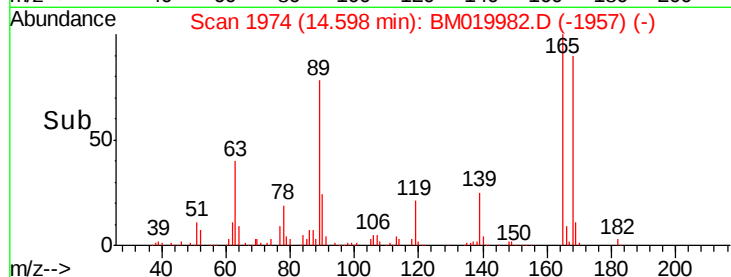
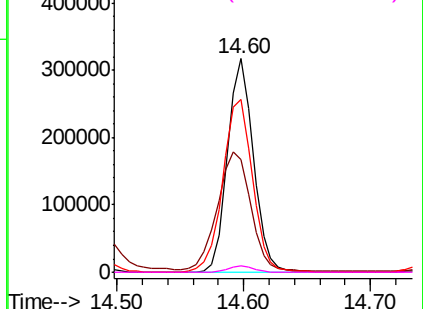
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

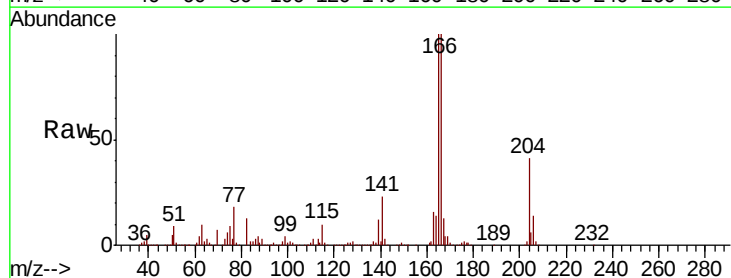
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 45.639 ng  
 RT: 15.24 min Scan# 2083  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.6  | 80.1  | 120.1 |
| 167     | 13.1  | 11.0  | 16.4  |

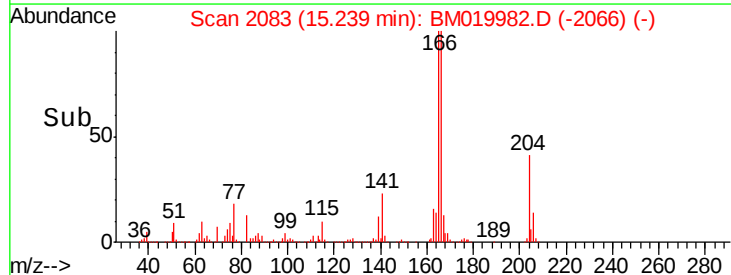
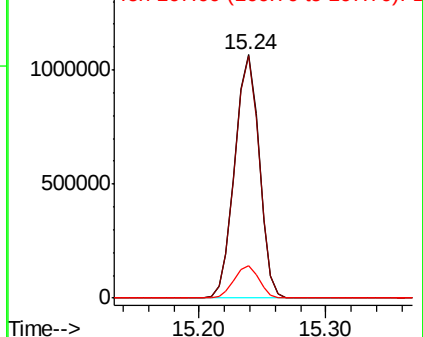


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

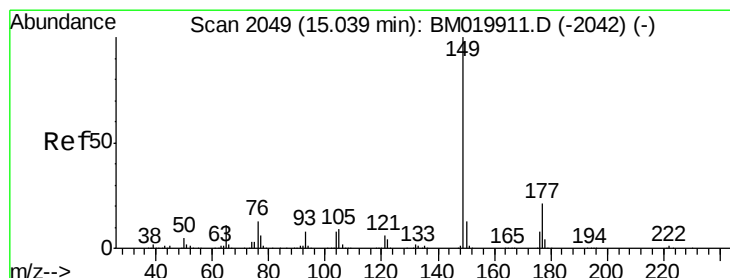
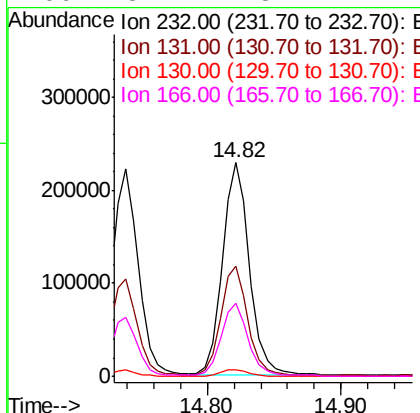
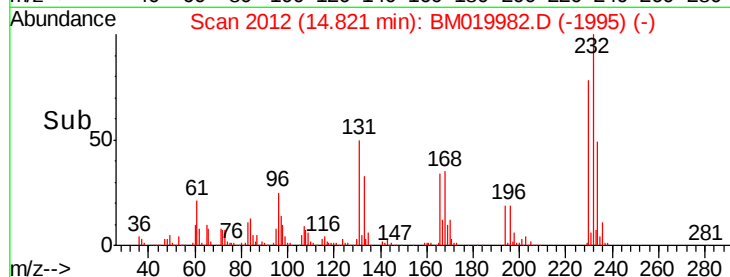
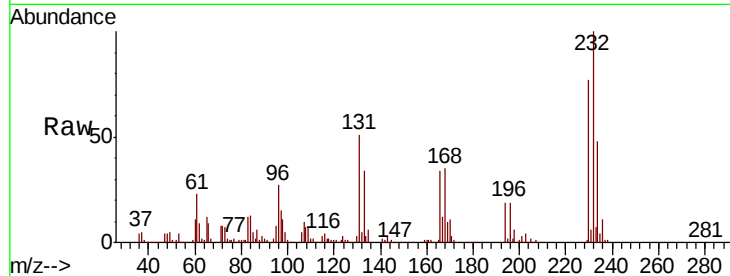




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.033 ng  
RT: 14.82 min Scan# 2012  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

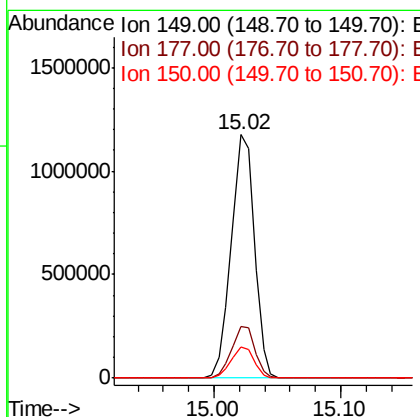
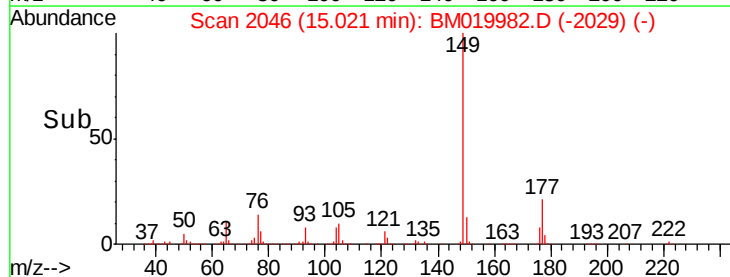
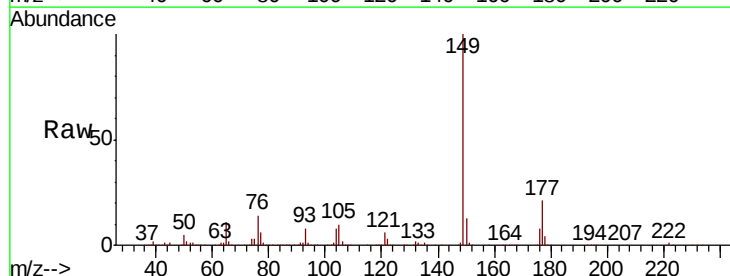
Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 322675 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 51.5  | 42.1  | 63.1   |
| 130      | 3.1   | 2.2   | 3.4    |
| 166      | 34.1  | 28.1  | 42.1   |



#60  
Diethylphthalate  
Concen: 45.862 ng  
RT: 15.02 min Scan# 2046  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1484820 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 21.0  | 16.6  | 25.0    |
| 150      | 12.7  | 10.0  | 15.0    |

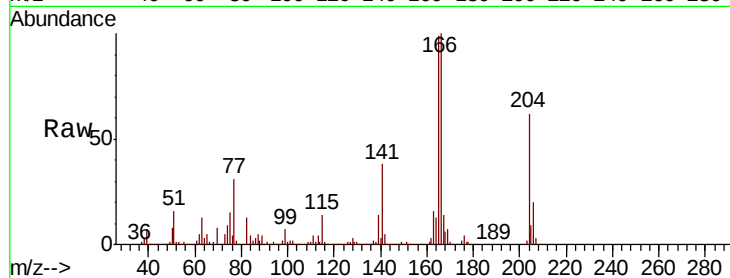




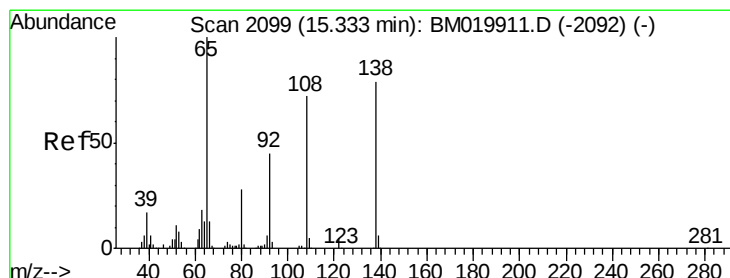
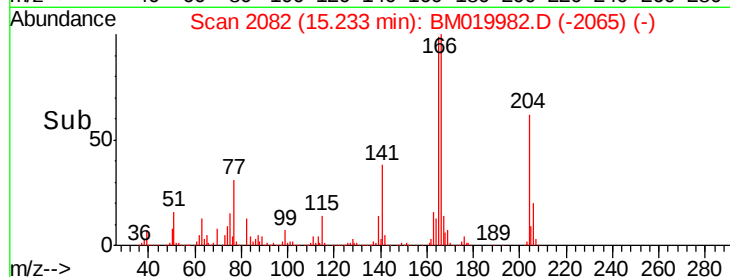
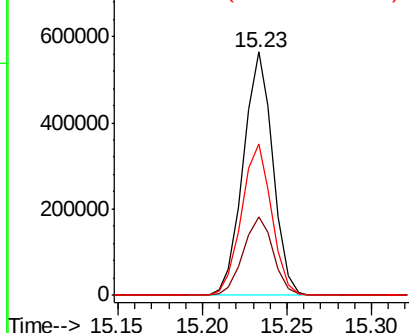
#61  
4-Chlorophenyl-phenylether  
Concen: 46.011 ng  
RT: 15.23 min Scan# 2082  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

Tgt Ion:204 Resp: 690440  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.8 38.8  
141 62.2 47.0 70.4

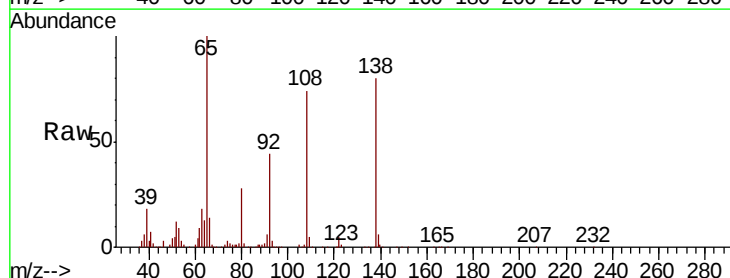


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

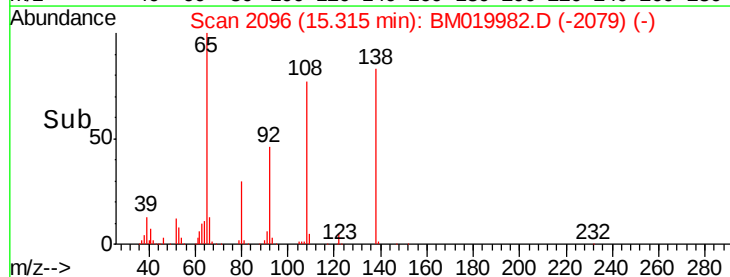
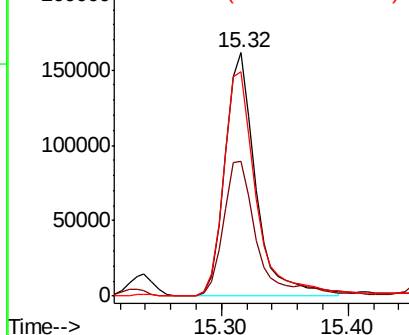


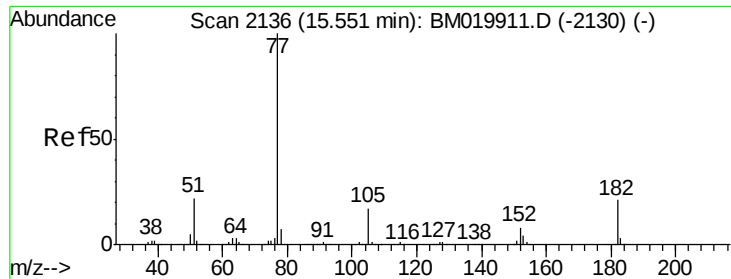
#62  
4-Nitroaniline  
Concen: 40.182 ng  
RT: 15.32 min Scan# 2096  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Tgt Ion:138 Resp: 272112  
Ion Ratio Lower Upper  
138 100  
92 55.4 36.8 76.8  
108 92.2 71.5 111.5



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E

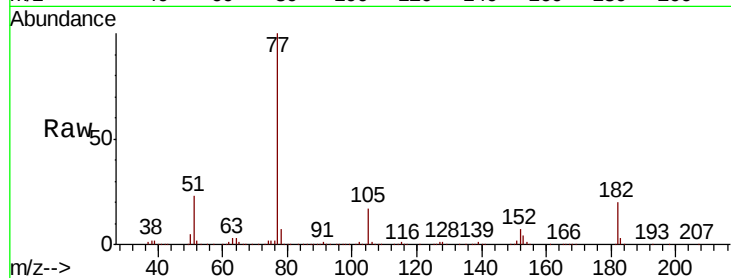




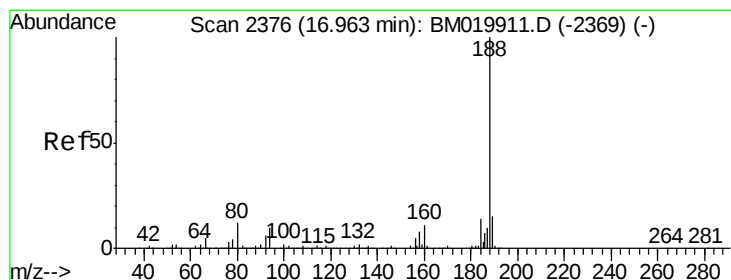
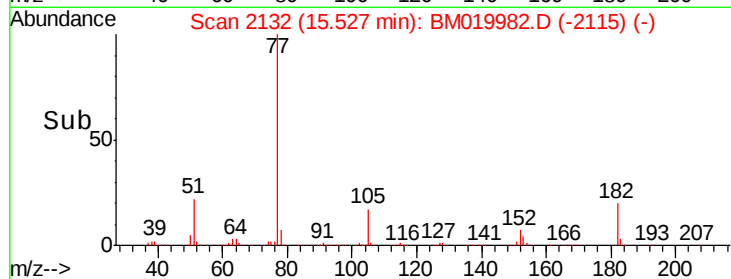
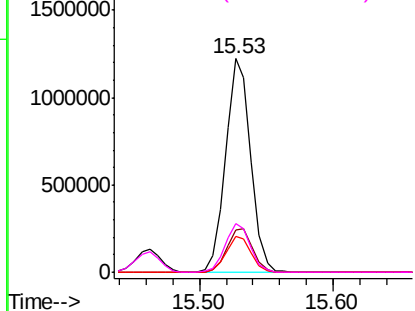
#63  
Azobenzene  
Concen: 46.340 ng  
RT: 15.53 min Scan# 2132  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

Tgt Ion: 77 Resp: 1603512  
Ion Ratio Lower Upper  
77 100  
182 19.9 1.0 41.0  
105 16.9 0.0 37.1  
51 22.6 2.1 42.1

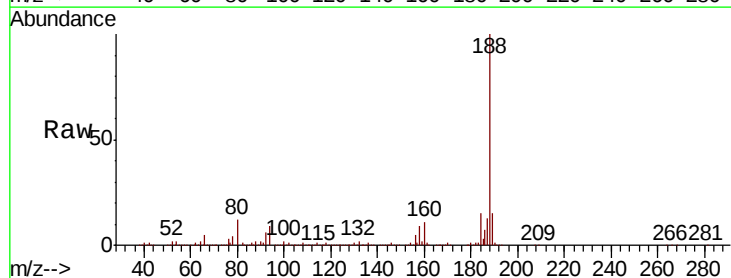


Abundance Ion 77.00 (76.70 to 77.70): BM019982.D (-2115) (-)  
Ion 182.00 (181.70 to 182.70): BM019982.D (-2115) (-)  
Ion 105.00 (104.70 to 105.70): BM019982.D (-2115) (-)  
Ion 51.00 (50.70 to 51.70): BM019982.D (-2115) (-)

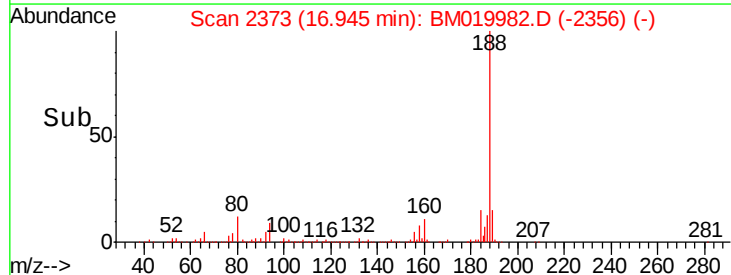
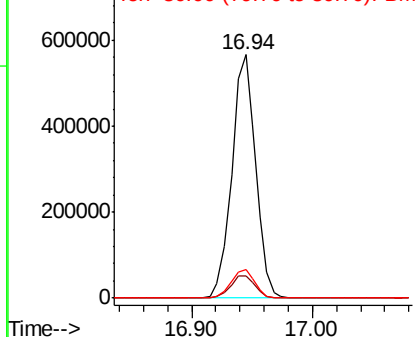


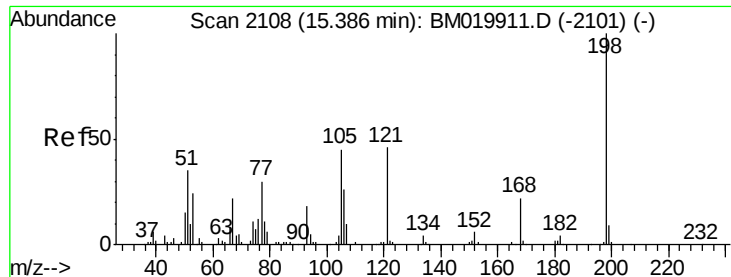
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.94 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Tgt Ion: 188 Resp: 776954  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.6 11.4  
80 11.8 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): BM019982.D (-2356) (-)  
Ion 94.00 (93.70 to 94.70): BM019982.D (-2356) (-)  
Ion 80.00 (79.70 to 80.70): BM019982.D (-2356) (-)

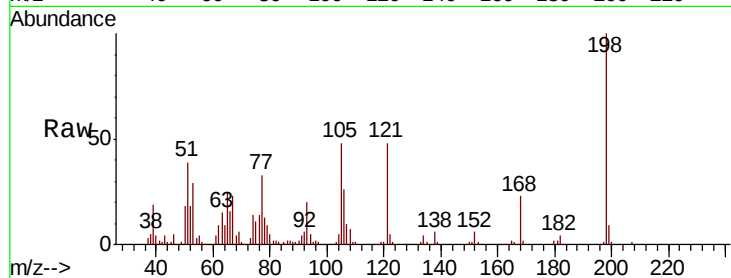




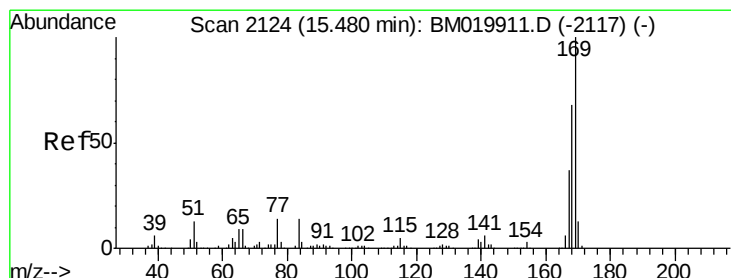
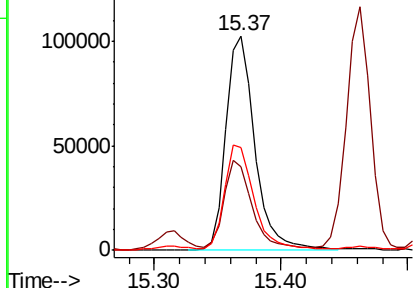
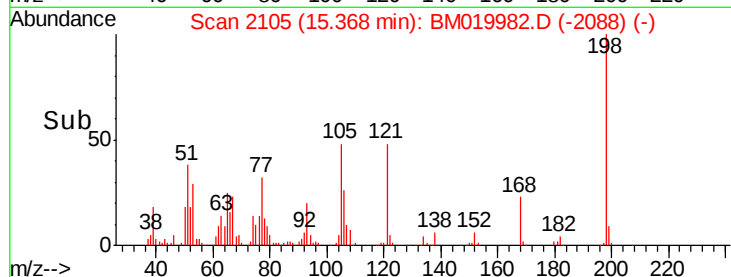
#65  
4,6-Dinitro-2-methylphenol  
Concen: 32.720 ng  
RT: 15.37 min Scan# 2105  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

Tgt Ion:198 Resp: 162202  
Ion Ratio Lower Upper  
198 100  
51 38.8 17.9 57.9  
105 48.1 26.1 66.1

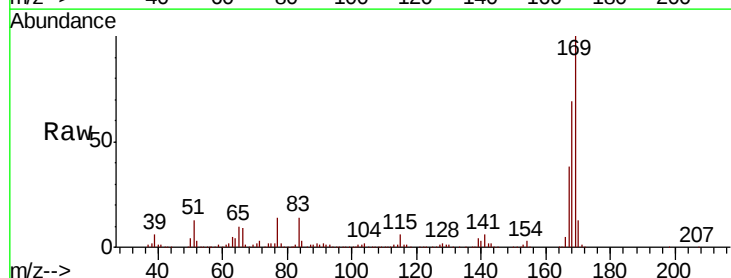


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BM  
Ion 105.00 (104.70 to 105.70): E

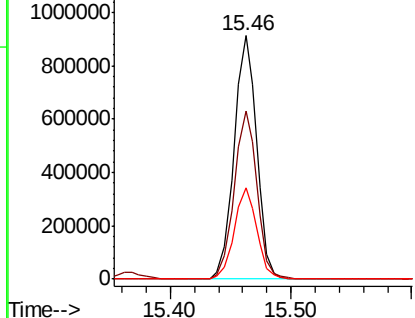
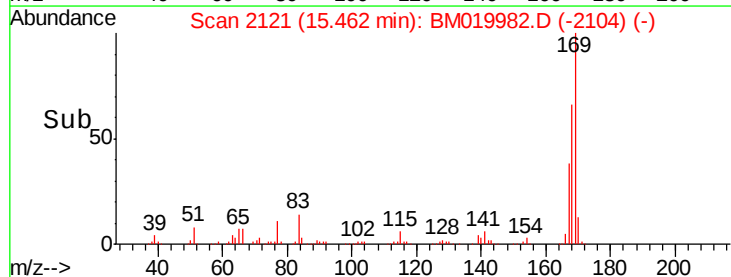


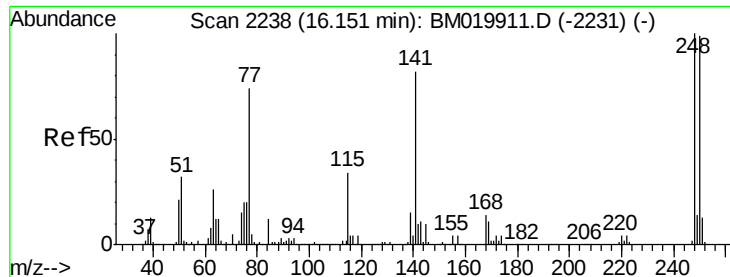
#66  
n-Nitrosodiphenylamine  
Concen: 46.827 ng  
RT: 15.46 min Scan# 2121  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Tgt Ion:169 Resp: 1189446  
Ion Ratio Lower Upper  
169 100  
168 68.9 54.7 82.1  
167 37.6 29.4 44.0



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

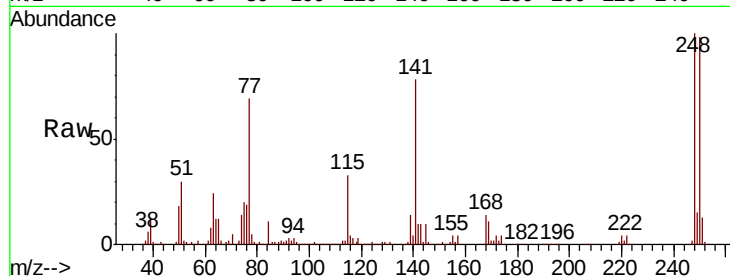




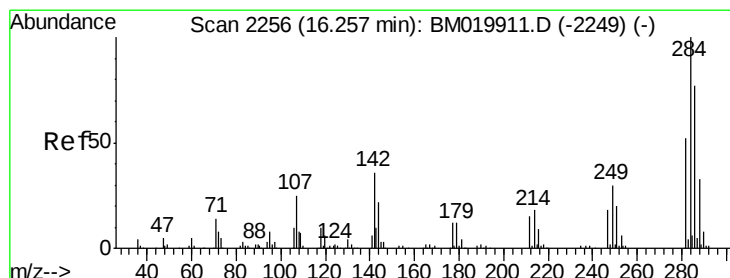
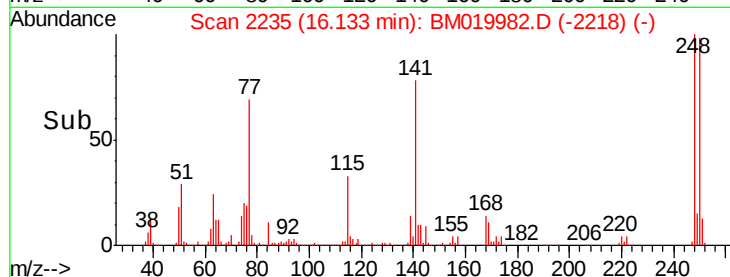
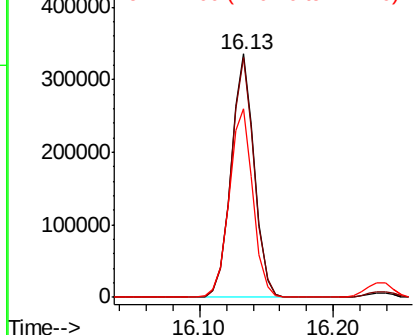
#67  
 4-Bromophenyl-phenylether  
 Concen: 45.386 ng  
 RT: 16.13 min Scan# 2235  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

Tgt Ion: 248 Resp: 405420  
 Ion Ratio Lower Upper  
 248 100  
 250 98.3 78.9 118.3  
 141 77.6 65.6 98.4

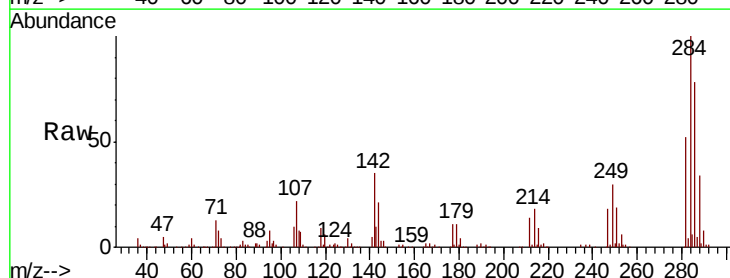


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

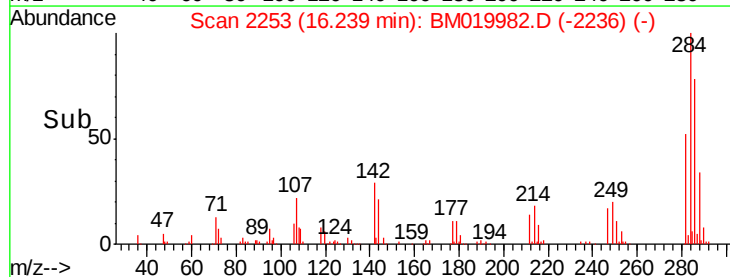
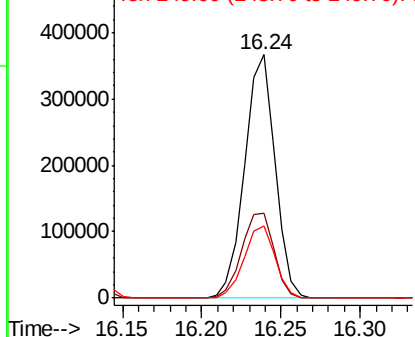


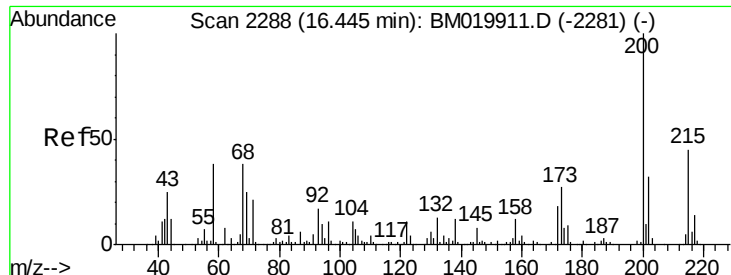
#68  
 Hexachlorobenzene  
 Concen: 45.569 ng  
 RT: 16.24 min Scan# 2253  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Tgt Ion: 284 Resp: 488426  
 Ion Ratio Lower Upper  
 284 100  
 142 34.9 28.9 43.3  
 249 29.6 23.8 35.6



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





#69

Atrazine

Concen: 45.805 ng

RT: 16.43 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

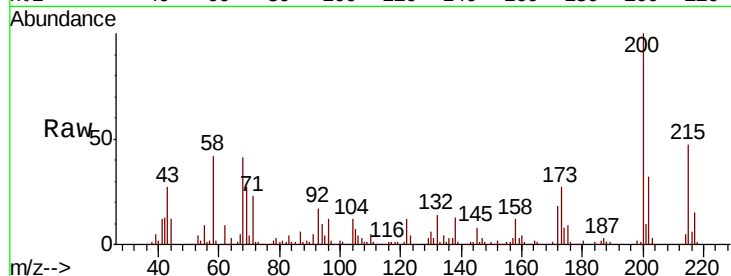
Tgt Ion:200 Resp: 394967

Ion Ratio Lower Upper

200 100

173 26.6 7.2 47.2

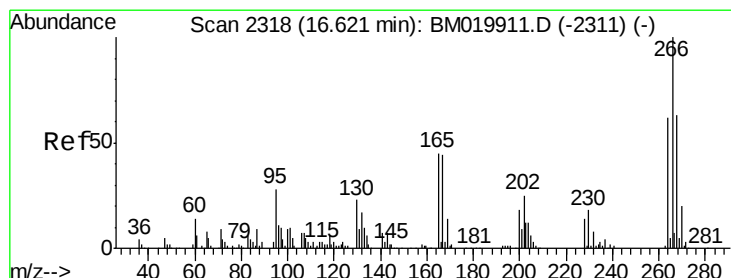
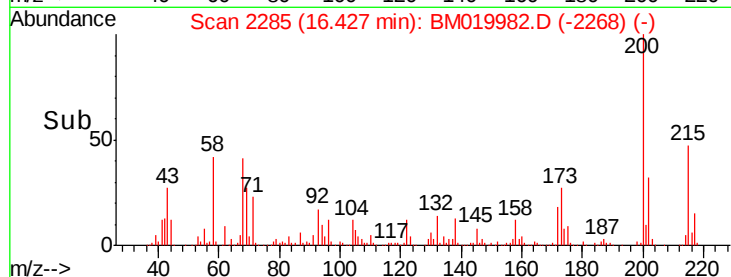
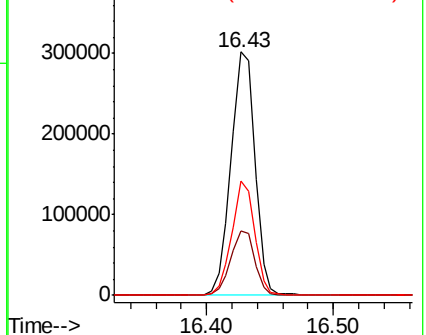
215 46.7 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.624 ng

RT: 16.60 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

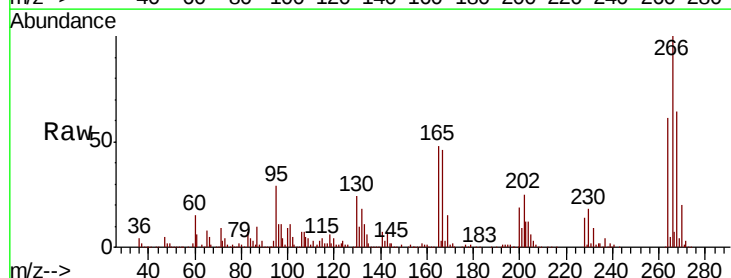
Tgt Ion:266 Resp: 512728

Ion Ratio Lower Upper

266 100

268 64.0 50.3 75.5

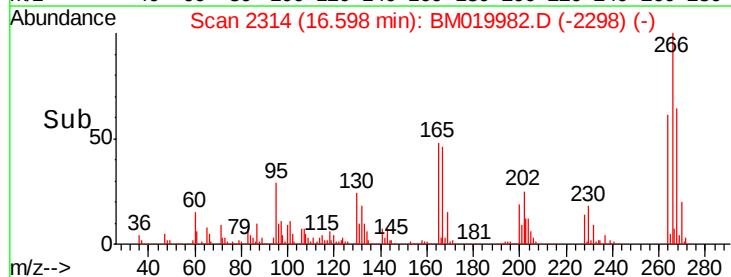
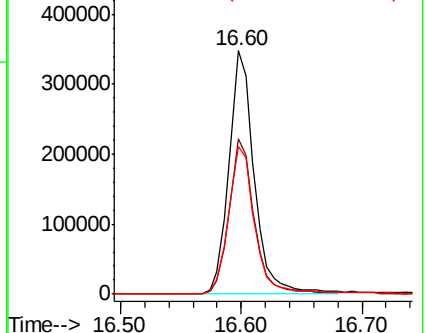
264 60.8 49.8 74.8

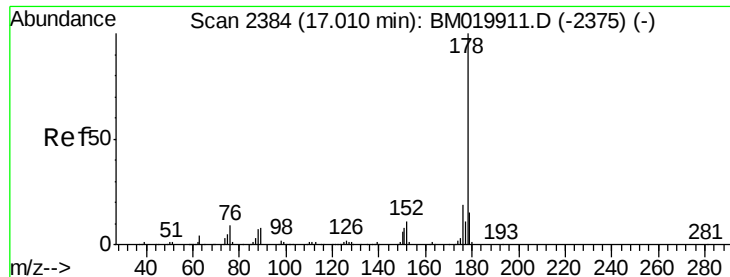


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

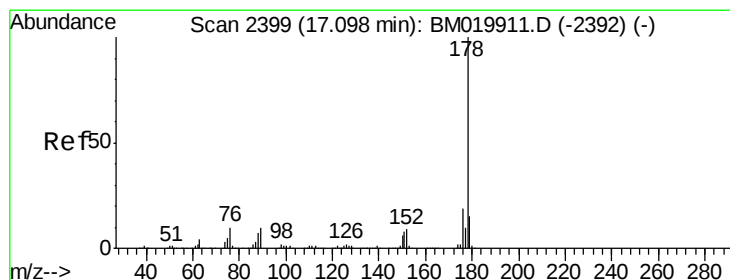
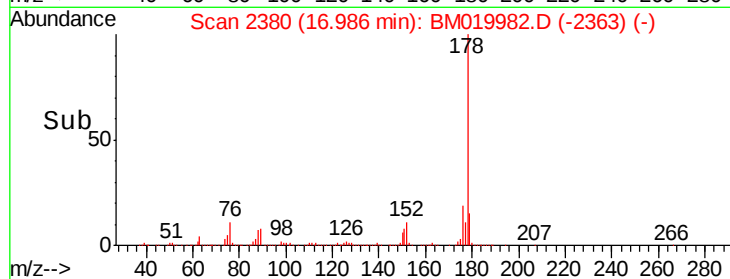
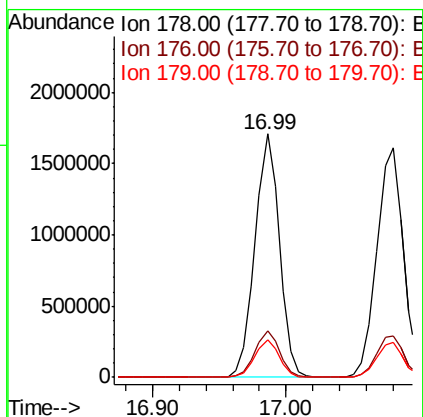
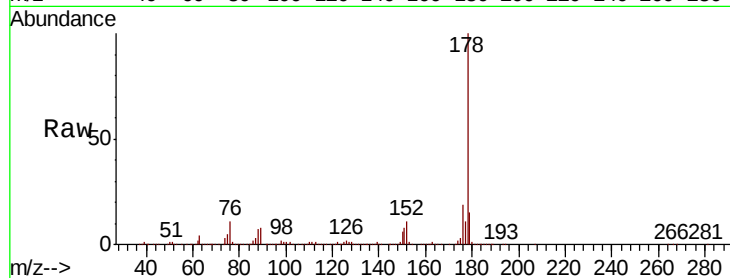




#71  
Phenanthrene  
Concen: 46.576 ng  
RT: 16.99 min Scan# 2380  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

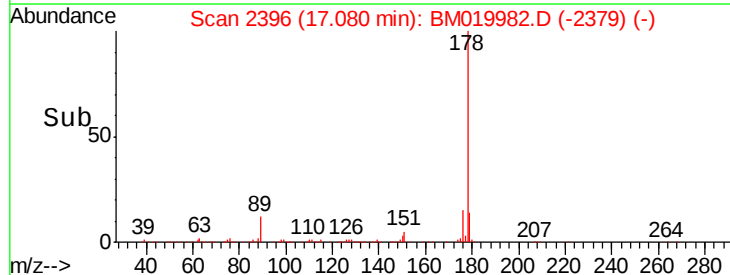
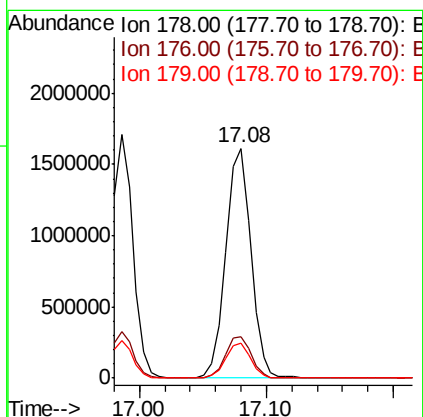
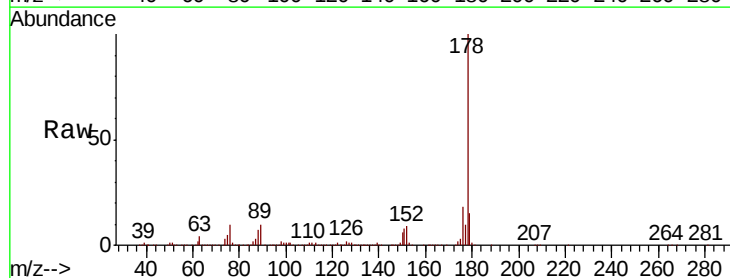
Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

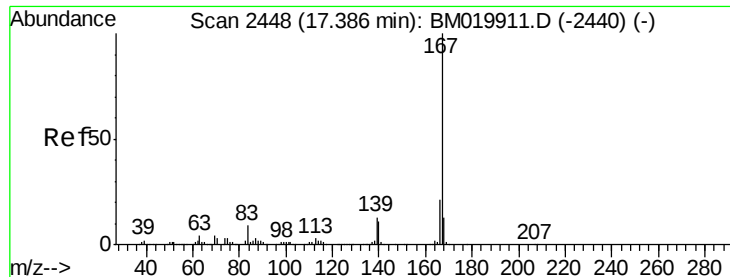
Tgt Ion:178 Resp: 2147463  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.2 22.8  
179 15.3 12.2 18.4



#72  
Anthracene  
Concen: 48.067 ng  
RT: 17.08 min Scan# 2396  
Delta R.T. -0.00 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Tgt Ion:178 Resp: 2206101  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.0 22.4  
179 15.3 12.2 18.4





#73

Carbazole

Concen: 47.393 ng

RT: 17.37 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

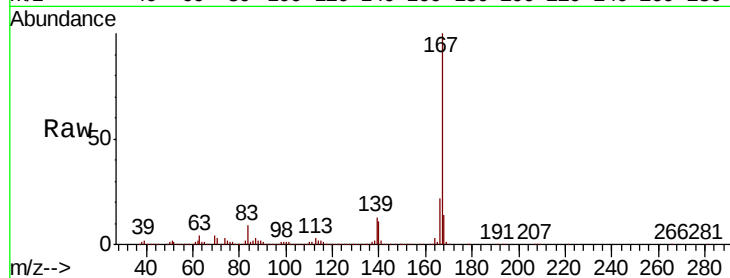
Tgt Ion:167 Resp: 2030820

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

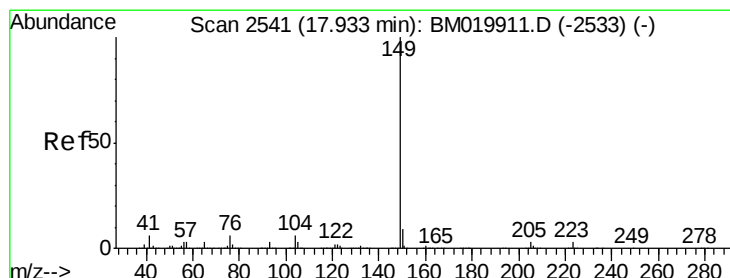
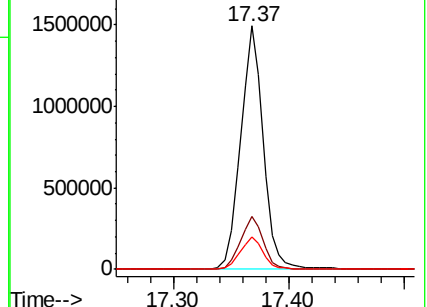
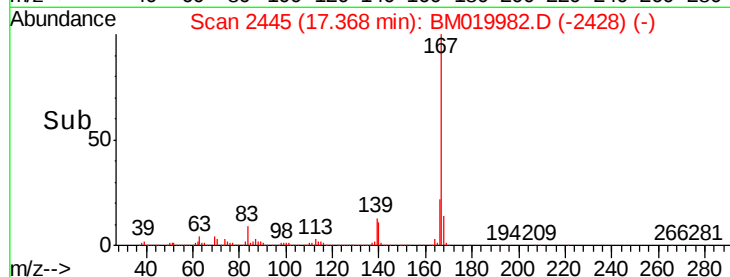
139 13.4 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.732 ng

RT: 17.91 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

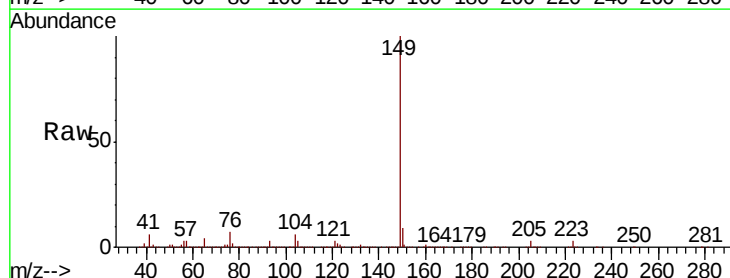
Tgt Ion:149 Resp: 2629840

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

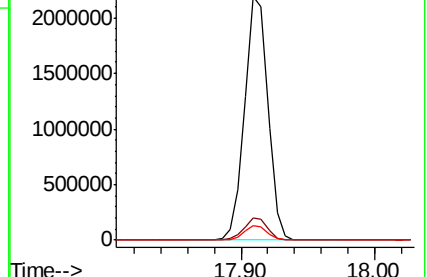
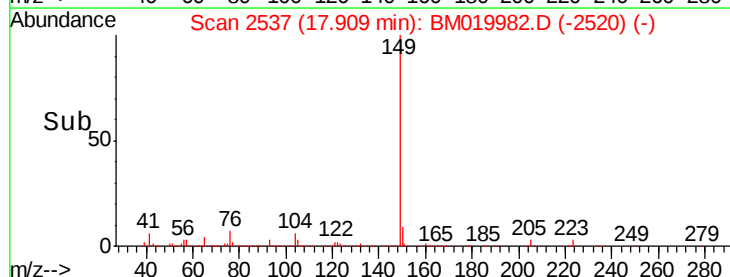
104 5.8 4.6 7.0

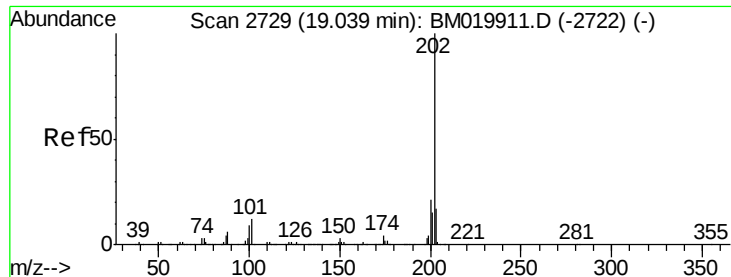


Abundance Ion 149.00 (148.70 to 149.70): E

3000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.350 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

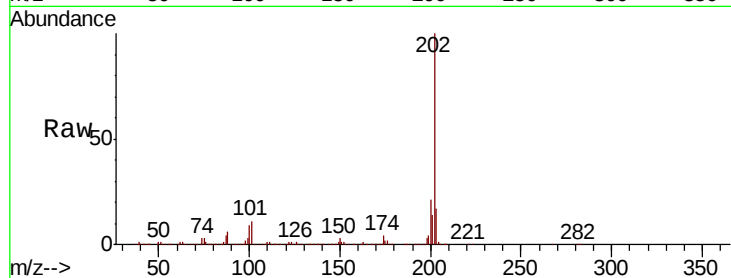
Tgt Ion:202 Resp: 2512429

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.7

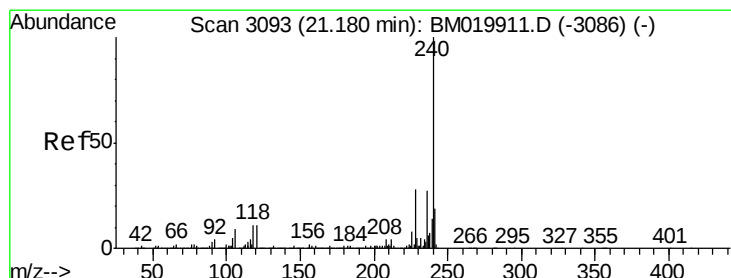
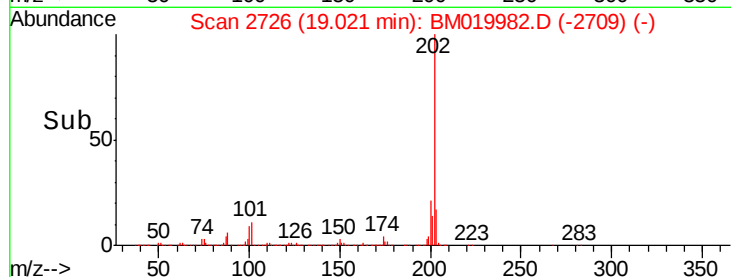
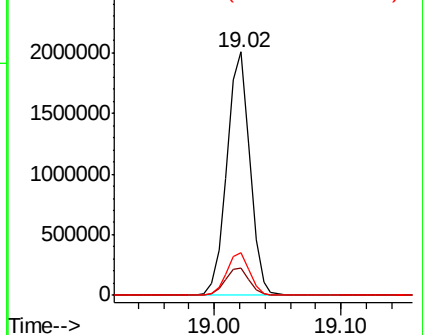
203 17.3 0.0 37.4



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: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

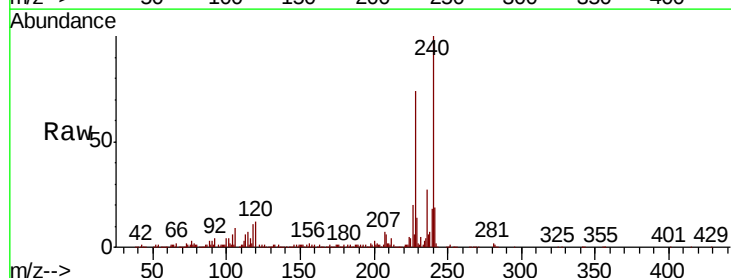
Tgt Ion:240 Resp: 783046

Ion Ratio Lower Upper

240 100

120 11.7 8.6 13.0

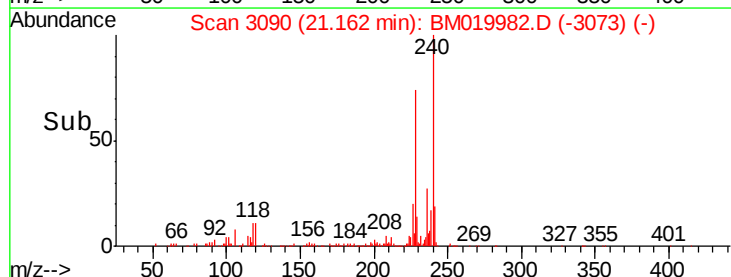
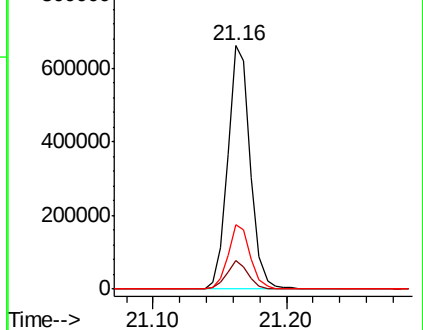
236 26.5 21.4 32.2

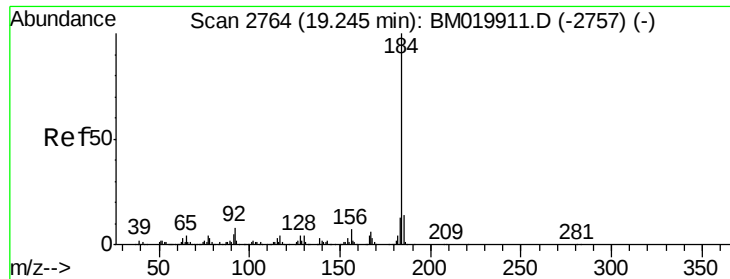


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.321 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

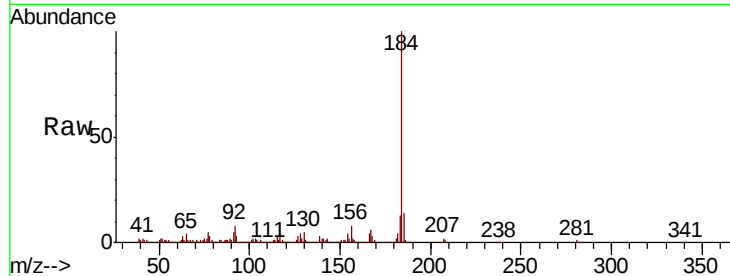
Tgt Ion:184 Resp: 482247

Ion Ratio Lower Upper

184 100

185 14.0 11.0 16.6

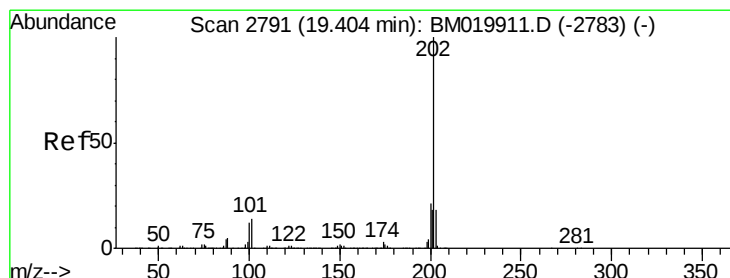
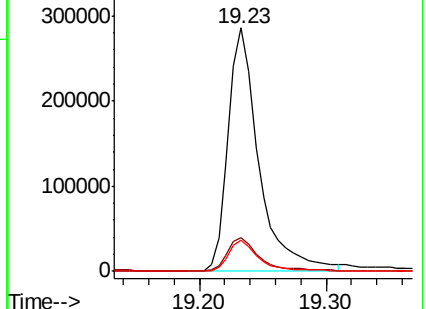
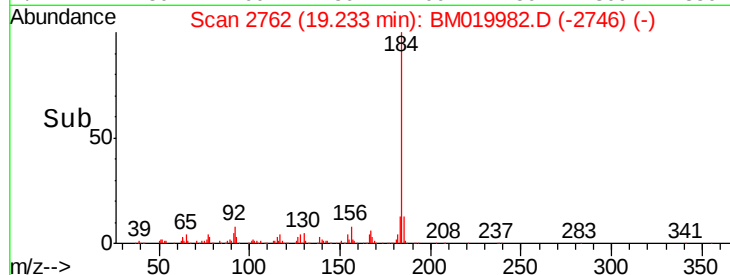
183 12.9 10.1 15.1



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: 49.421 ng

RT: 19.39 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

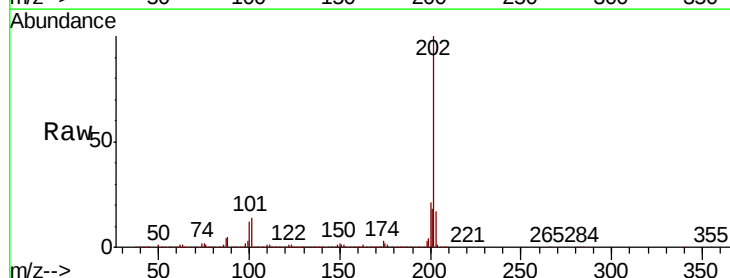
Tgt Ion:202 Resp: 2562738

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

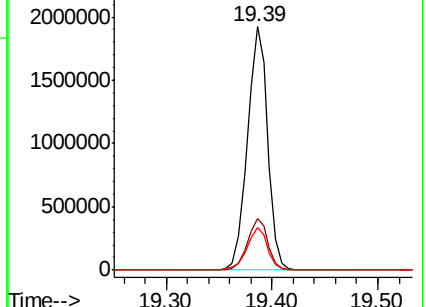
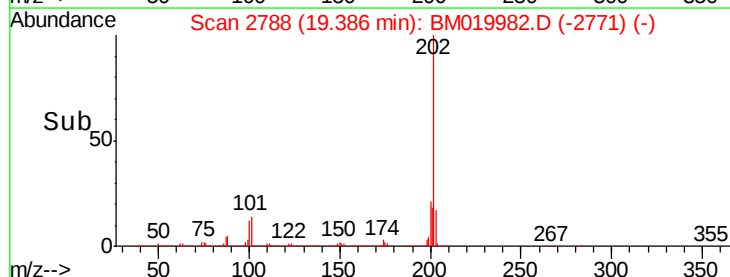
203 17.4 14.0 21.0

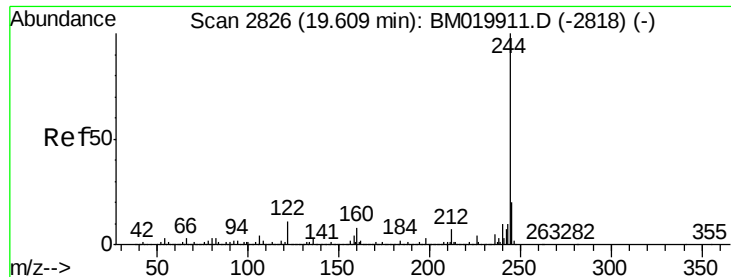


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

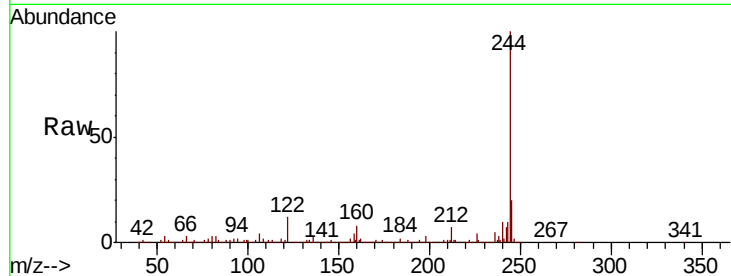




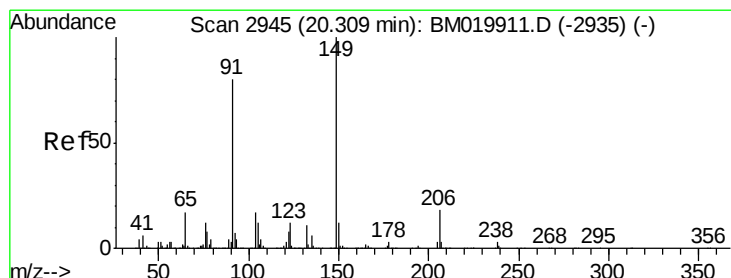
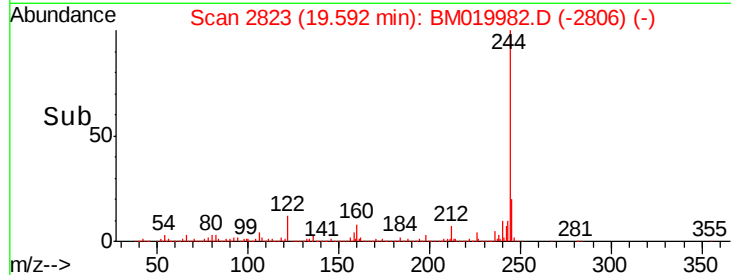
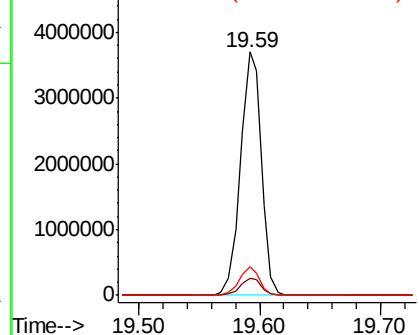
#79  
 Terphenyl-d14  
 Concen: 100.462 ng  
 RT: 19.59 min Scan# 2823  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GMW-7MS

Tgt Ion:244 Resp: 4459967  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 11.6 9.1 13.7

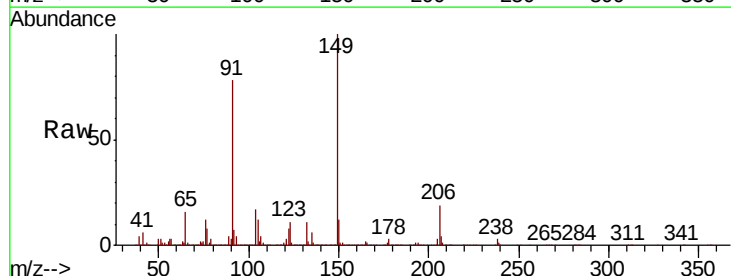


Abundance Ion 244.00 (243.70 to 244.70): E  
 5000000 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

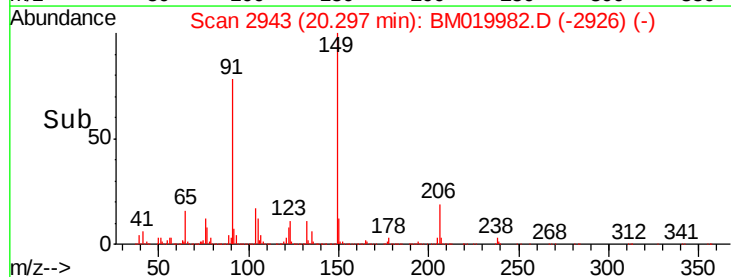
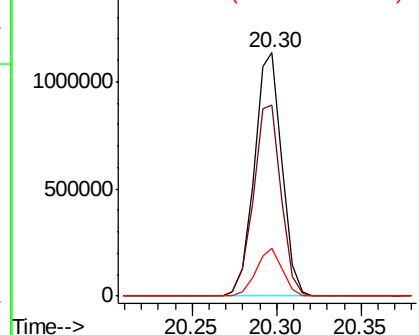


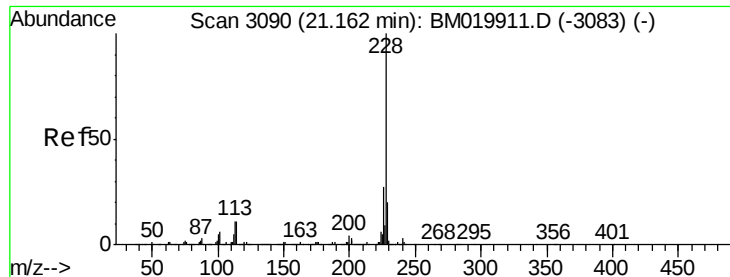
#80  
 Butylbenzylphthalate  
 Concen: 51.158 ng  
 RT: 20.30 min Scan# 2943  
 Delta R.T. -0.00 min  
 Lab File: BM019982.D  
 Acq: 19 Apr 2019 19:26

Tgt Ion:149 Resp: 1286129  
 Ion Ratio Lower Upper  
 149 100  
 91 78.4 63.7 95.5  
 206 19.4 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E  
 1500000 Ion 91.00 (90.70 to 91.70): BM0  
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.406 ng

RT: 21.15 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

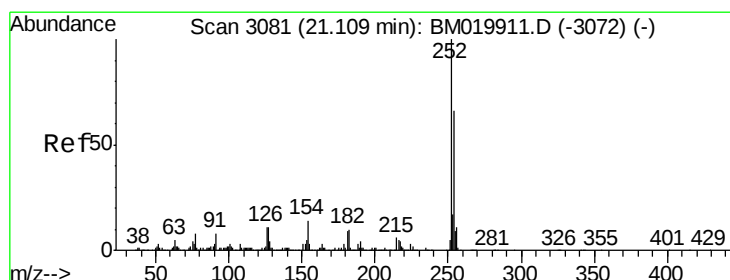
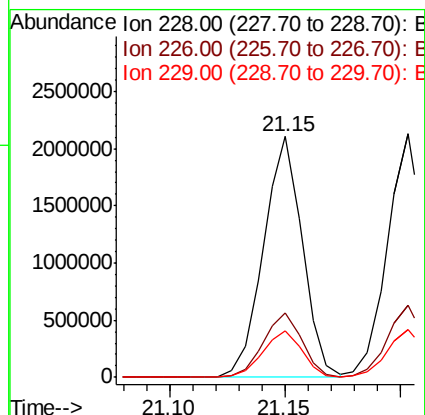
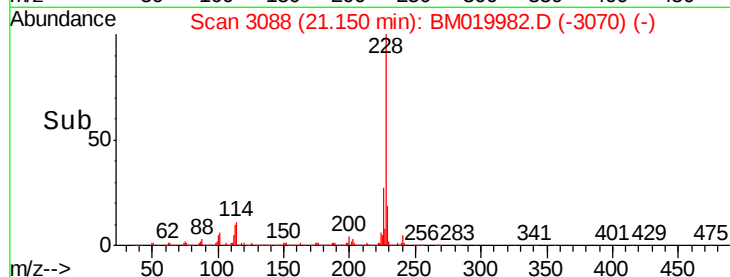
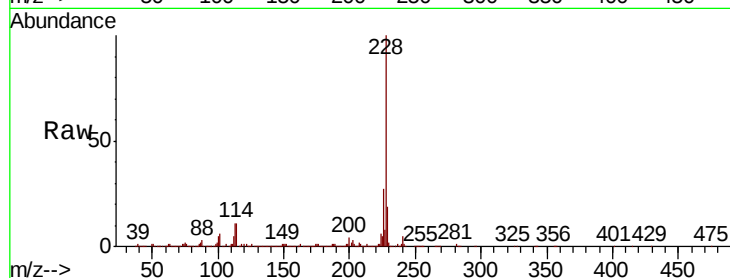
Tgt Ion:228 Resp: 2450722

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

229 19.2 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 35.905 ng

RT: 21.09 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

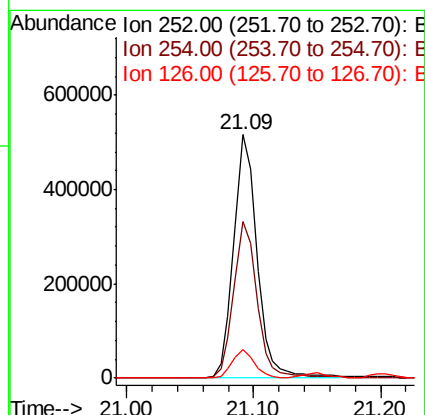
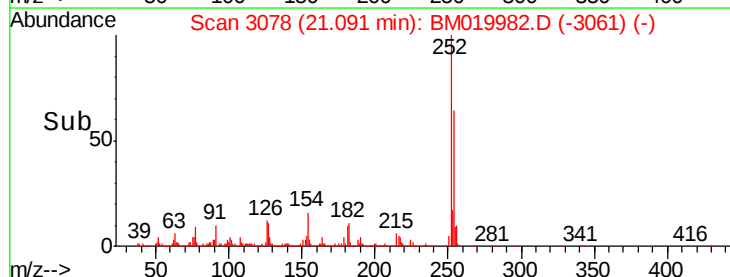
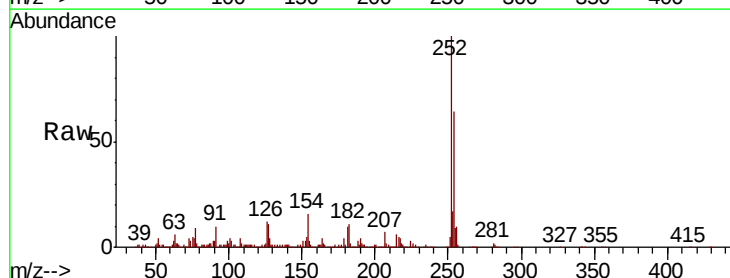
Tgt Ion:252 Resp: 662647

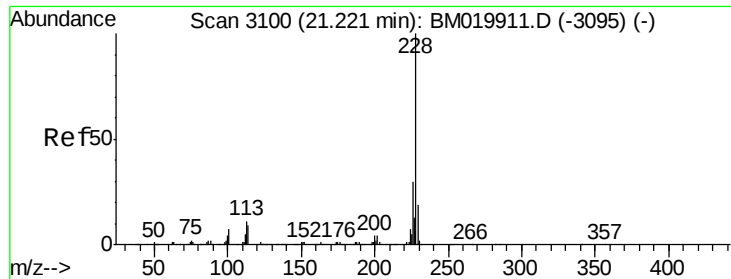
Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

126 11.6 8.6 12.8





#83

Chrysene

Concen: 50.592 ng

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampled :

GMW-7MS

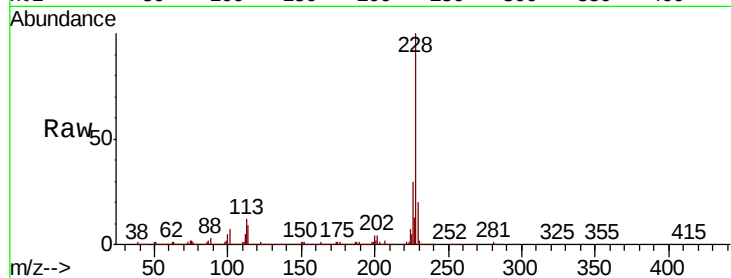
Tgt Ion:228 Resp: 2406686

Ion Ratio Lower Upper

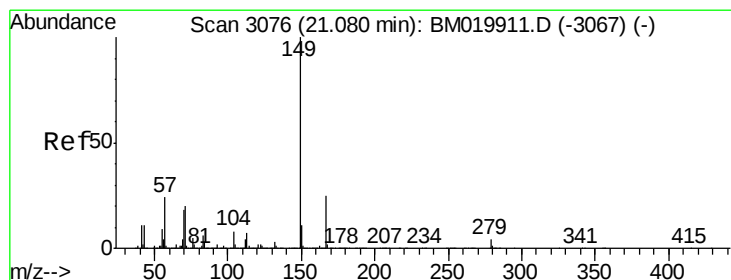
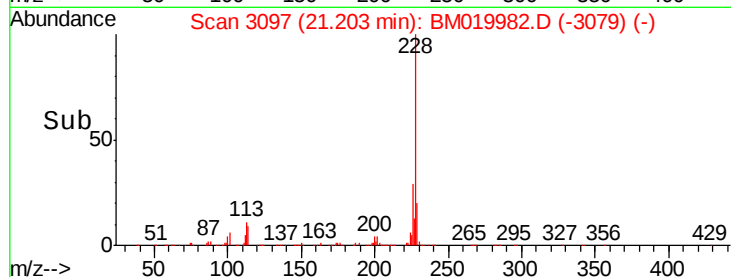
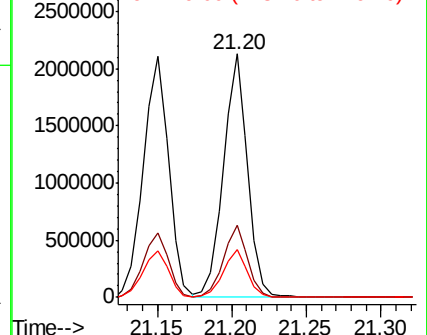
228 100

226 29.6 23.7 35.5

229 19.8 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.299 ng

RT: 21.06 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

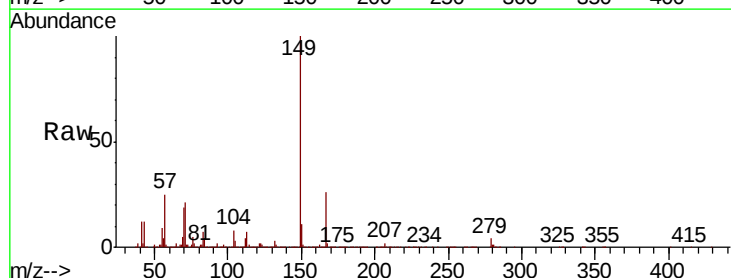
Tgt Ion:149 Resp: 1882602

Ion Ratio Lower Upper

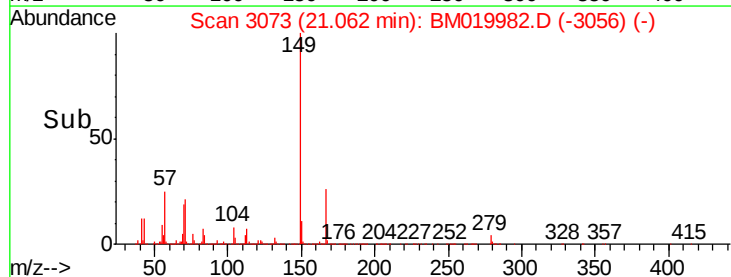
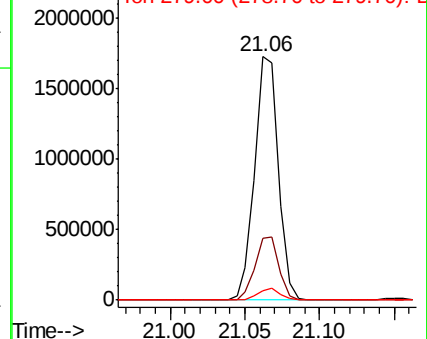
149 100

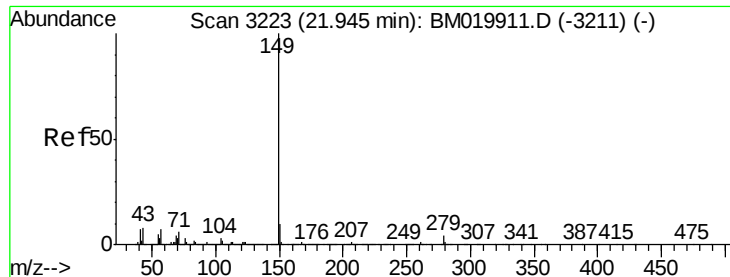
167 25.6 20.3 30.5

279 4.0 3.4 5.2



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

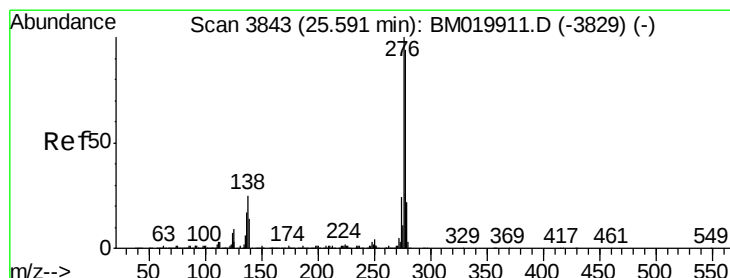
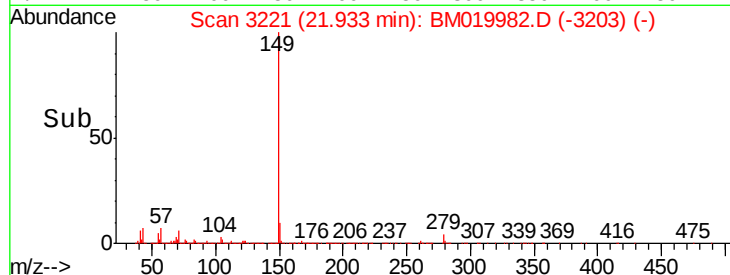
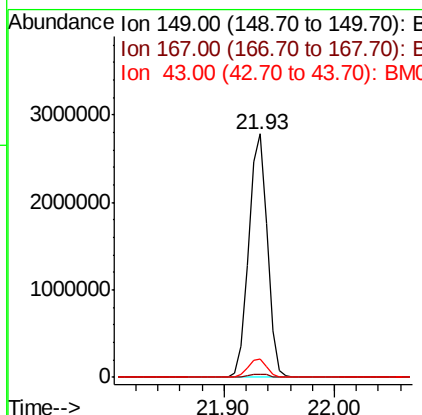
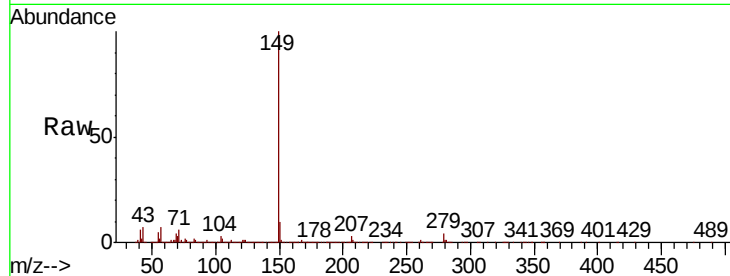




#85  
Di-n-octyl phthalate  
Concen: 54.225 ng  
RT: 21.93 min Scan# 3221  
Delta R.T. 0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

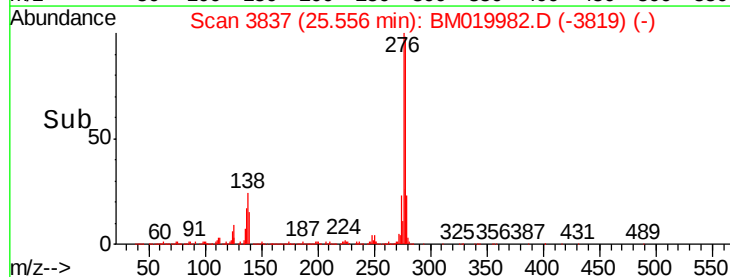
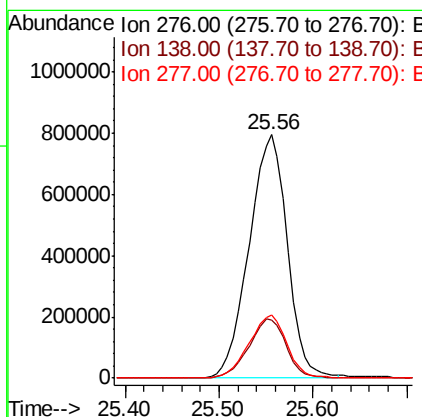
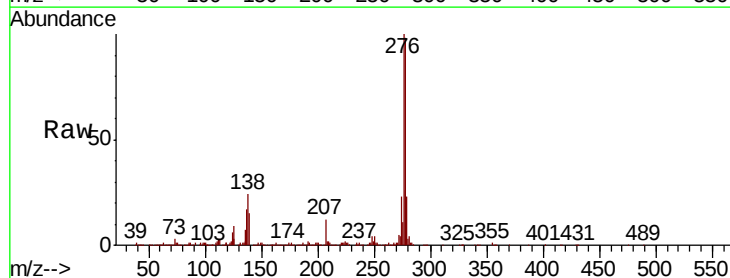
Instrument :  
BNA\_M  
ClientSampleId :  
GMW-7MS

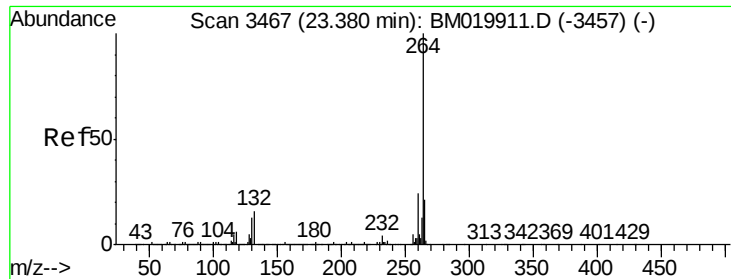
Tgt Ion:149 Resp: 3293168  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 7.5 6.0 9.0



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 47.813 ng  
RT: 25.56 min Scan# 3837  
Delta R.T. 0.01 min  
Lab File: BM019982.D  
Acq: 19 Apr 2019 19:26

Tgt Ion:276 Resp: 2237454  
Ion Ratio Lower Upper  
276 100  
138 23.9 19.0 28.6  
277 25.5 20.3 30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

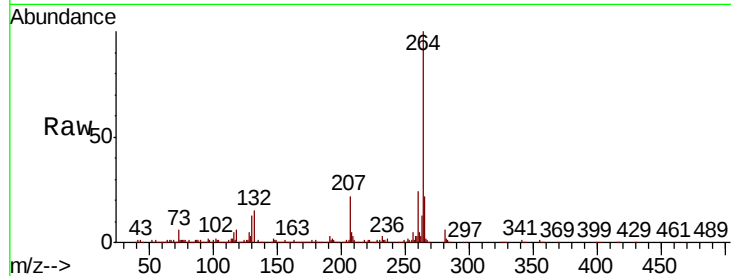
Tgt Ion:264 Resp: 729509

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

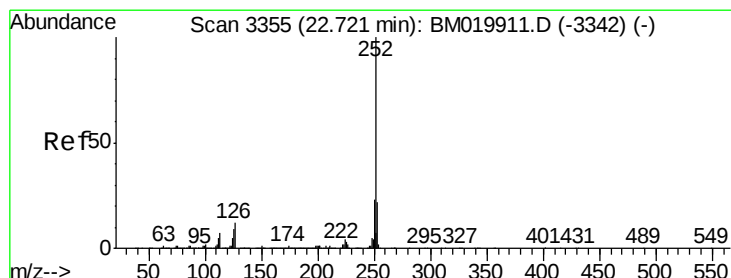
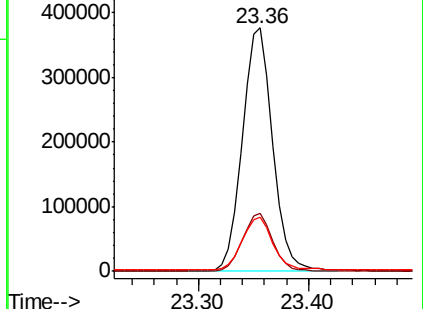
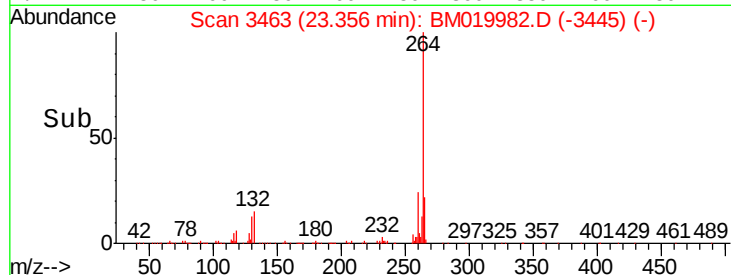
265 22.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.161 ng

RT: 22.70 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

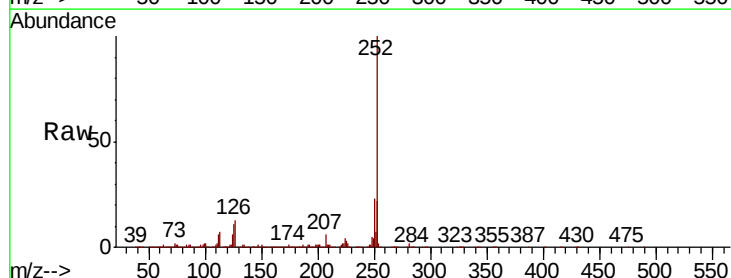
Tgt Ion:252 Resp: 2381388

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

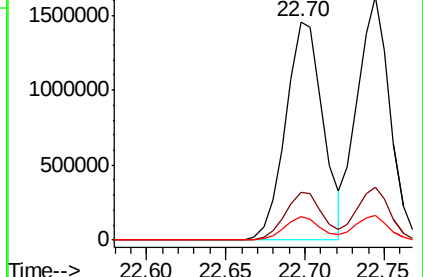
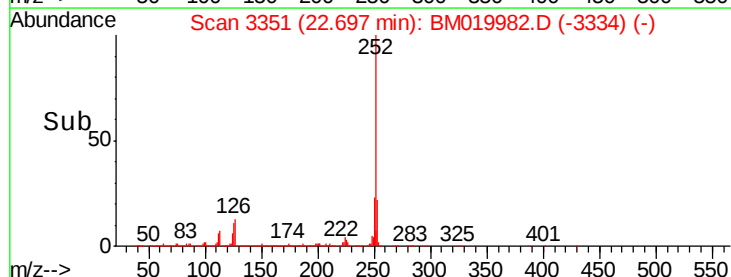
125 10.7 7.6 11.4

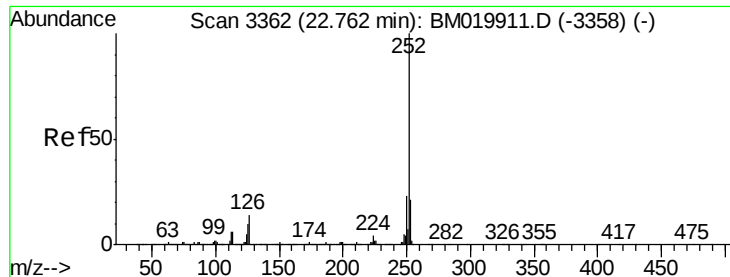


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.332 ng

RT: 22.74 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

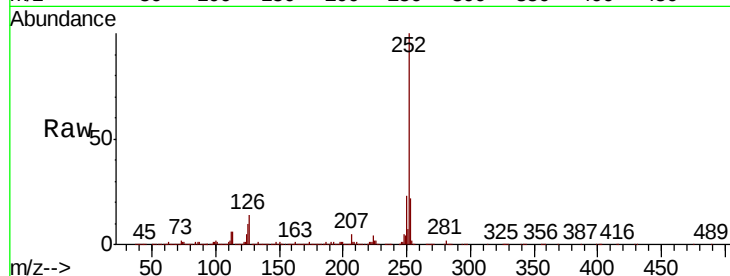
Tgt Ion:252 Resp: 2340929

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

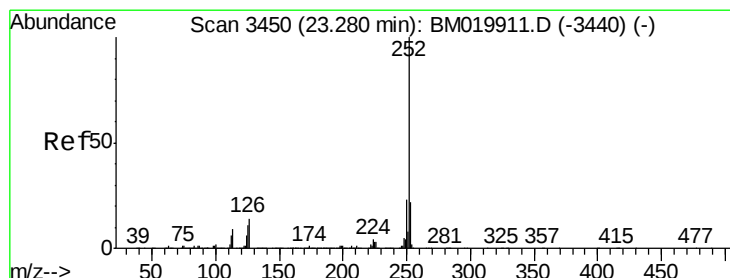
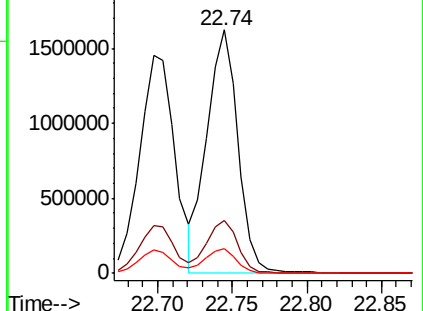
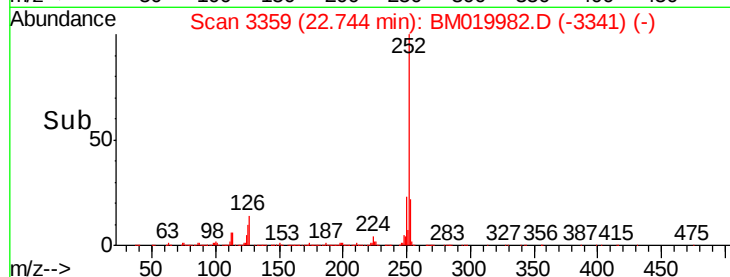
125 10.0 8.2 12.4



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: 49.345 ng

RT: 23.26 min Scan# 3447

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

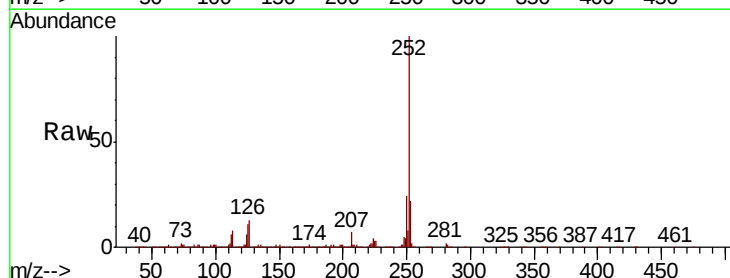
Tgt Ion:252 Resp: 2117930

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

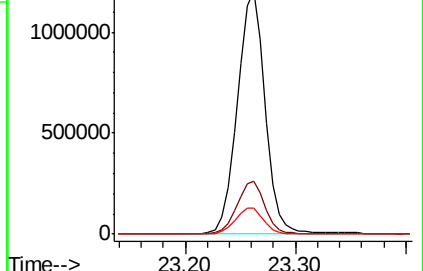
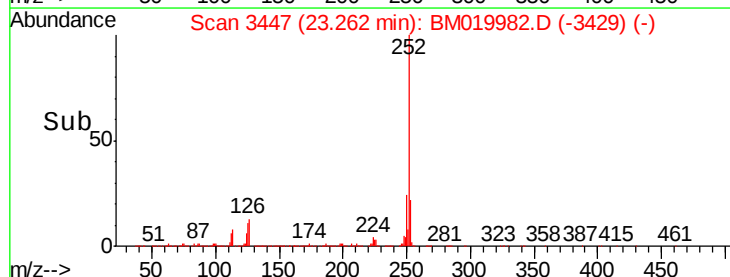
125 10.9 9.1 13.7

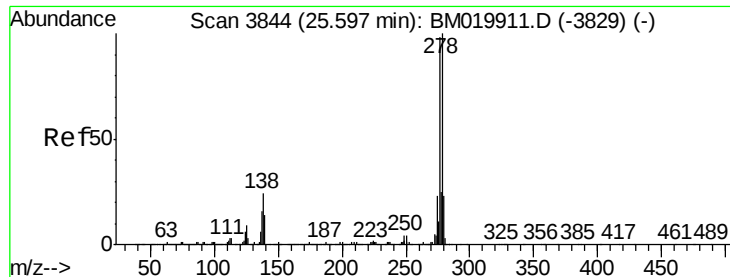


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.024 ng

RT: 25.56 min Scan# 3837

Delta R.T. -0.00 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

Instrument :

BNA\_M

ClientSampleId :

GMW-7MS

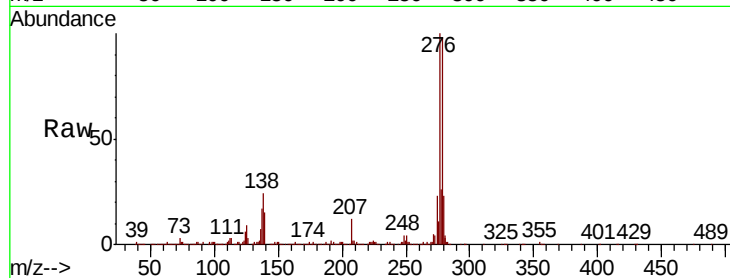
Tgt Ion:278 Resp: 1945919

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

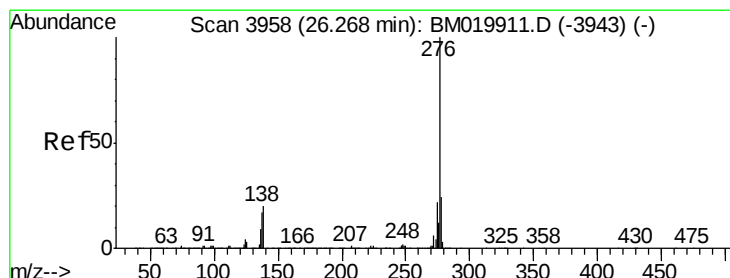
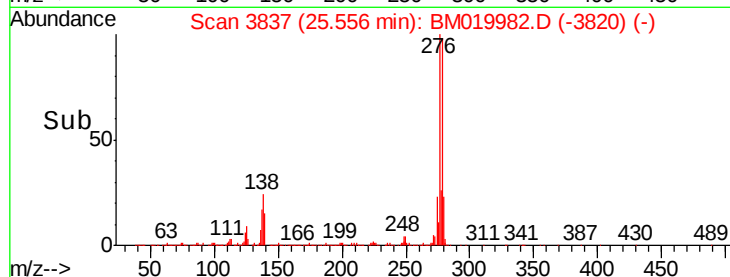
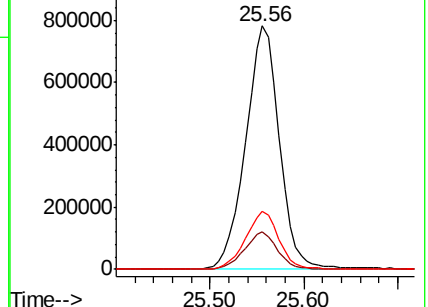
279 23.6 18.4 27.6



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: 46.066 ng

RT: 26.23 min Scan# 3952

Delta R.T. 0.01 min

Lab File: BM019982.D

Acq: 19 Apr 2019 19:26

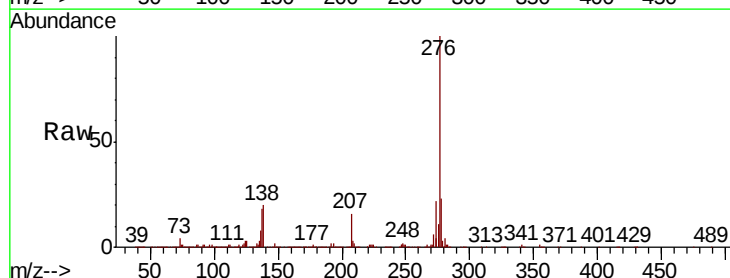
Tgt Ion:276 Resp: 1726572

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.4 16.2 24.4



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

