

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\  
 Data File : BM020011.D  
 Acq On : 22 Apr 2019 18:18  
 Operator : JU/SJ  
 Sample : K2193-08MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 23 01:02:54 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  | 109290   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.27 | 136  | 407061   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.17 | 164  | 217769   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.93 | 188  | 436343   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.16 | 240  | 380280   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.34 | 264  | 431937   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.12  | 112 | 839331  | 124.46 | ng | -0.01 |
| 7) Phenol-d6                | 6.70  | 99  | 1014106 | 99.92  | ng | -0.01 |
| 23) Nitrobenzene-d5         | 8.67  | 82  | 851552  | 93.55  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 15.68 | 330 | 447530  | 127.67 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 12.77 | 172 | 1635058 | 93.57  | ng | -0.01 |
| 79) Terphenyl-d14           | 19.59 | 244 | 2167823 | 100.55 | ng | 0.00  |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.10  | 88  | 126168 | 43.355 | ng | # 56 |
| 3) Pyridine                    | 3.50  | 79  | 281396 | 34.528 | ng | 100  |
| 4) n-Nitrosodimethylamine      | 3.42  | 42  | 117184 | 44.635 | ng | # 92 |
| 6) Aniline                     | 6.86  | 93  | 161216 | 12.299 | ng | 98   |
| 8) 2-Chlorophenol              | 7.07  | 128 | 337120 | 40.194 | ng | 99   |
| 9) Benzaldehyde                | 6.69  | 77  | 106057 | 15.053 | ng | 98   |
| 10) Phenol                     | 6.73  | 94  | 358177 | 32.302 | ng | 93   |
| 11) bis(2-Chloroethyl)ether    | 6.95  | 93  | 320081 | 39.453 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.39  | 146 | 338039 | 38.391 | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 7.53  | 146 | 342665 | 38.356 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 7.85  | 146 | 339646 | 38.343 | ng | 99   |
| 15) Benzyl Alcohol             | 7.77  | 79  | 337763 | 36.608 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.03  | 45  | 281631 | 36.415 | ng | 97   |
| 17) 2-Methylphenol             | 7.96  | 107 | 266802 | 36.355 | ng | 98   |
| 18) Hexachloroethane           | 8.55  | 117 | 130776 | 37.658 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 8.32  | 70  | 306531 | 34.359 | ng | 100  |
| 20) 3+4-Methylphenols          | 8.30  | 107 | 343013 | 34.024 | ng | 98   |
| 22) Acetophenone               | 8.34  | 105 | 519666 | 46.871 | ng | 100  |
| 24) Nitrobenzene               | 8.72  | 77  | 449517 | 47.673 | ng | 98   |
| 25) Isophorone                 | 9.23  | 82  | 749298 | 42.289 | ng | 99   |
| 26) 2-Nitrophenol              | 9.42  | 139 | 172293 | 42.878 | ng | 95   |
| 27) 2,4-Dimethylphenol         | 9.48  | 122 | 275119 | 48.424 | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 9.72  | 93  | 429992 | 43.338 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 9.96  | 162 | 277622 | 43.025 | ng | 100  |
| 30) 1,2,4-Trichlorobenzene     | 10.14 | 180 | 326894 | 47.070 | ng | 100  |
| 31) Naphthalene                | 10.33 | 128 | 990478 | 45.365 | ng | 99   |
| 32) Benzoic acid               | 9.66  | 122 | 64610  | 15.870 | ng | 97   |
| 33) 4-Chloroaniline            | 10.50 | 127 | 42457  | 4.720  | ng | 97   |
| 34) Hexachlorobutadiene        | 10.57 | 225 | 189572 | 46.283 | ng | 97   |
| 35) Caprolactam                | 11.32 | 113 | 41224  | 16.878 | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 11.61 | 107 | 317069 | 39.547 | ng | 99   |
| 37) 2-Methylnaphthalene        | 11.95 | 142 | 712601 | 44.830 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.17 | 142 | 677360 | 43.158 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.33 | 216 | 339311 | 50.507 | ng | 100  |

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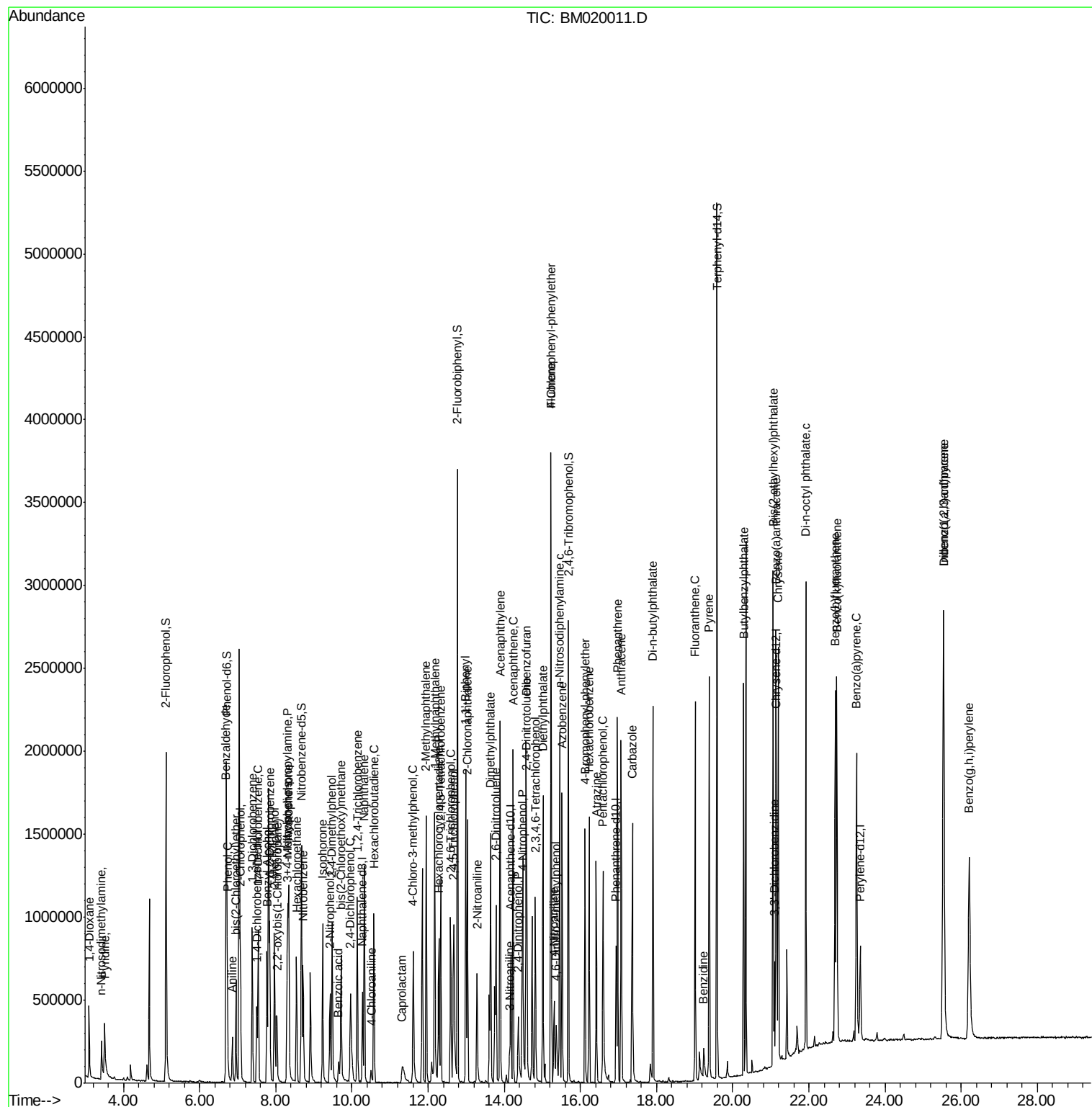
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.28 | 237  | 216776   | 89.517 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.59 | 196  | 220928   | 48.506 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.68 | 196  | 218107   | 46.010 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 12.99 | 154  | 910403   | 48.268 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.03 | 162  | 699261   | 48.603 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.28 | 65   | 224645   | 43.319 | ng    | 93       |
| 49) Acenaphthylene             | 13.89 | 152  | 1099496  | 43.923 | ng    | 99       |
| 50) Dimethylphthalate          | 13.65 | 163  | 865730   | 45.070 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.79 | 165  | 183760   | 43.262 | ng    | 88       |
| 52) Acenaphthene               | 14.23 | 154  | 643822   | 46.386 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.14 | 138  | 46502    | 10.964 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.36 | 184  | 111964   | 47.494 | ng    | 88       |
| 55) Dibenzofuran               | 14.57 | 168  | 1027972  | 45.292 | ng    | 96       |
| 56) 4-Nitrophenol              | 14.47 | 139  | 179686   | 55.618 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 14.59 | 165  | 254775   | 41.728 | ng    | 96       |
| 58) Fluorene                   | 15.23 | 166  | 843313   | 43.850 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.82 | 232  | 198633   | 45.923 | ng    | 99       |
| 60) Diethylphthalate           | 15.02 | 149  | 889793   | 44.539 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.23 | 204  | 419331   | 45.286 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.31 | 138  | 136080   | 32.565 | ng    | 90       |
| 63) Azobenzene                 | 15.52 | 77   | 979295   | 45.864 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.36 | 198  | 89238    | 32.054 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.45 | 169  | 698272   | 48.949 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.12 | 248  | 241259   | 48.091 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.23 | 284  | 289686   | 48.125 | ng    | 98       |
| 69) Atrazine                   | 16.42 | 200  | 234098   | 48.341 | ng    | 98       |
| 70) Pentachlorophenol          | 16.59 | 266  | 257287   | 83.654 | ng    | 99       |
| 71) Phenanthrene               | 16.98 | 178  | 1204008  | 46.498 | ng    | 99       |
| 72) Anthracene                 | 17.07 | 178  | 1211771  | 47.012 | ng    | 100      |
| 73) Carbazole                  | 17.36 | 167  | 1050438  | 43.650 | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.90 | 149  | 1463136  | 46.295 | ng    | 99       |
| 75) Fluoranthene               | 19.02 | 202  | 1305556  | 43.812 | ng    | 99       |
| 77) Benzidine                  | 19.24 | 184  | 129669   | 12.358 | ng    | 98       |
| 78) Pyrene                     | 19.38 | 202  | 1343116  | 53.334 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.29 | 149  | 637185   | 52.189 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.14 | 228  | 1196082  | 49.651 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.09 | 252  | 196352   | 21.908 | ng    | 97       |
| 83) Chrysene                   | 21.20 | 228  | 1188804  | 51.458 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 935509   | 51.468 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 21.92 | 149  | 1620216  | 54.935 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.54 | 276  | 1761017  | 77.488 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.69 | 252  | 1318995  | 45.988 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.73 | 252  | 1336175  | 49.485 | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.25 | 252  | 1267008  | 49.856 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.54 | 278  | 1502294  | 61.314 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.21 | 276  | 1426330  | 64.272 | ng    | 99       |

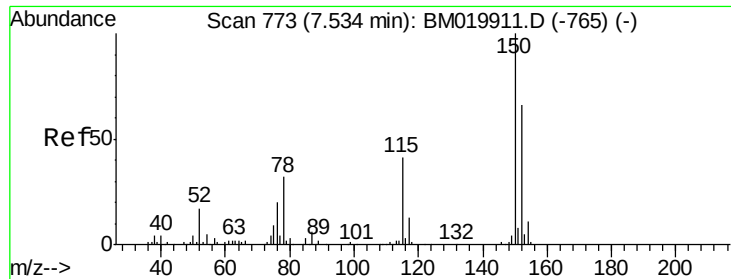
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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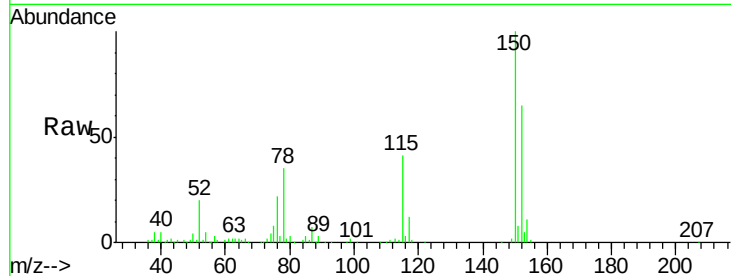


#1

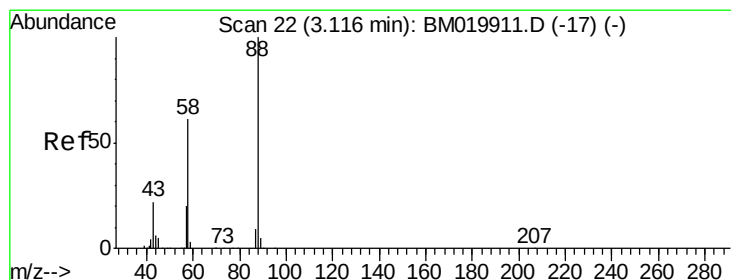
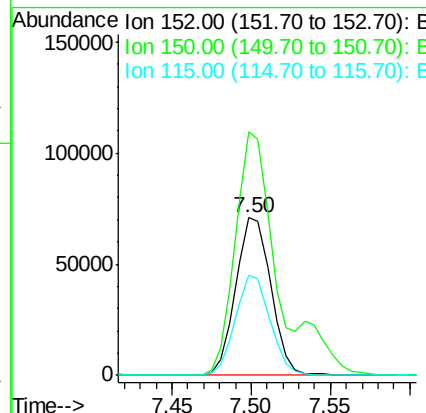
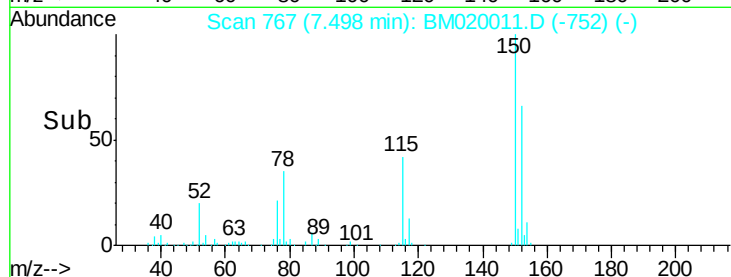
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.50 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | 152   | Resp  | 109290 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 152     | 100   |       |        |
| 150     | 154.6 | 122.1 | 183.1  |
| 115     | 63.3  | 50.0  | 75.0   |



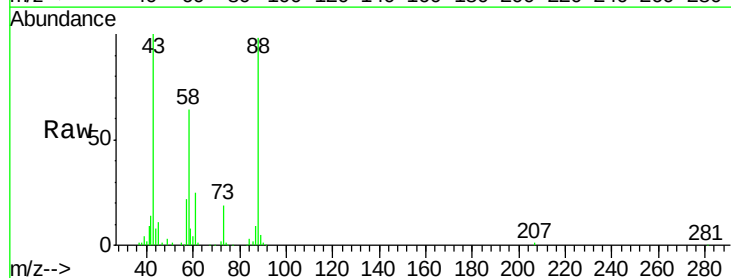
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



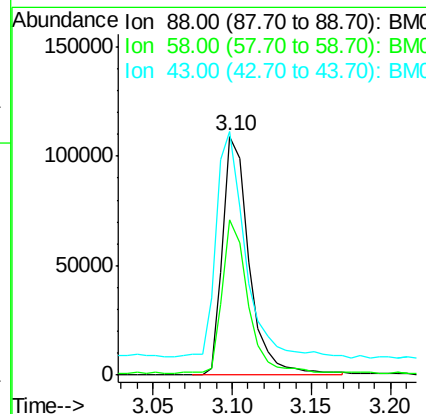
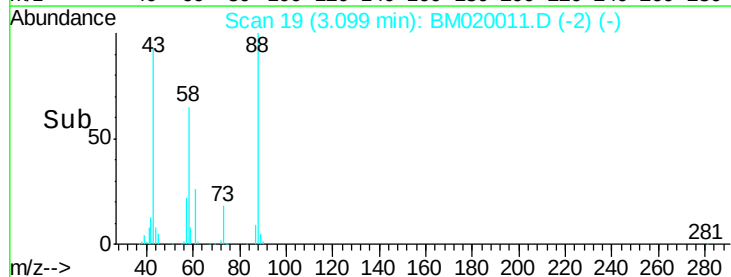
#2

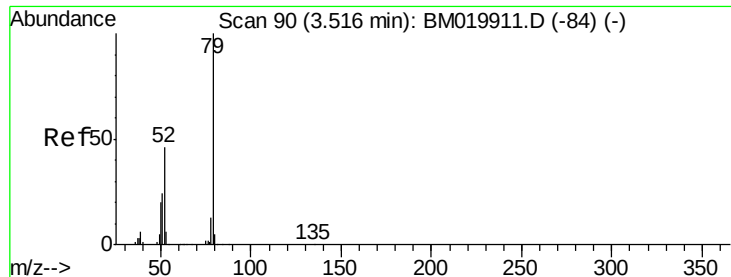
1,4-Dioxane  
Concen: 43.355 ng  
RT: 3.10 min Scan# 19  
Delta R.T. -0.00 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

| Tgt Ion | 88    | Resp  | 126168 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 88      | 100   |       |        |
| 58      | 62.4  | 49.6  | 74.4   |
| 43      | 100.9 | 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

Pvridine

Concen: 34.528 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

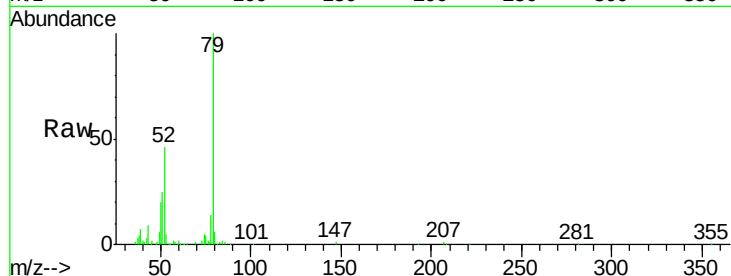
Tot Ion: 79 Resp: 281396

Ion Ratio Lower Upper

79 100

52 46.0 36.9 55.3

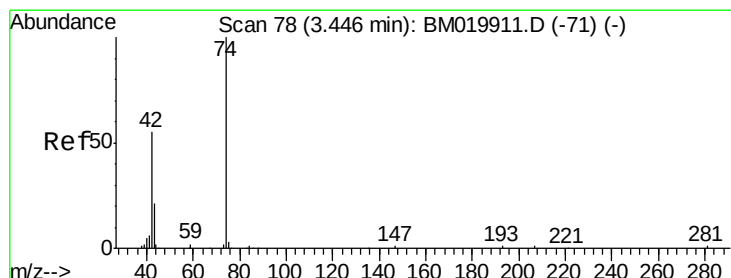
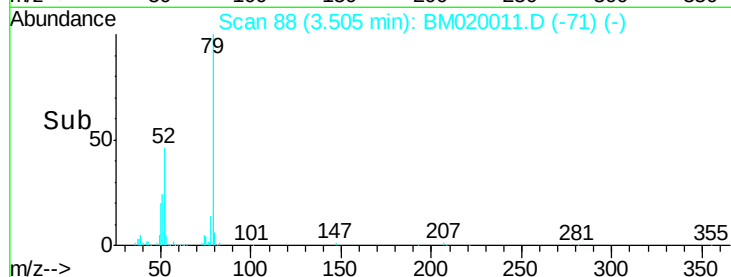
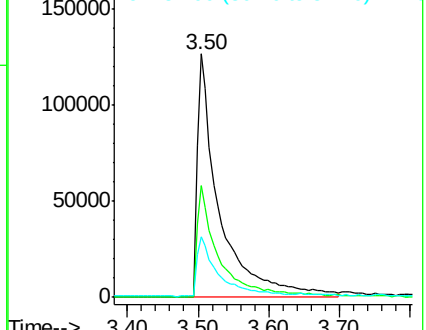
51 25.1 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 44.635 ng

RT: 3.42 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

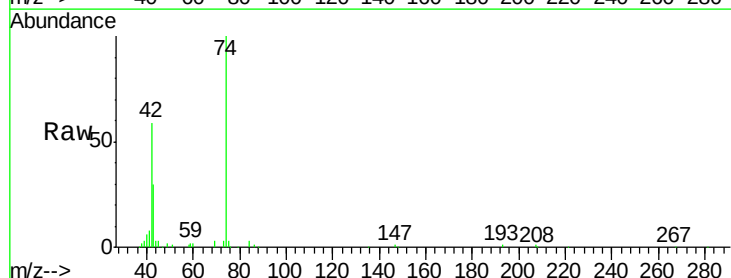
Tgt Ion: 42 Resp: 117184

Ion Ratio Lower Upper

42 100

74 169.4 144.6 217.0

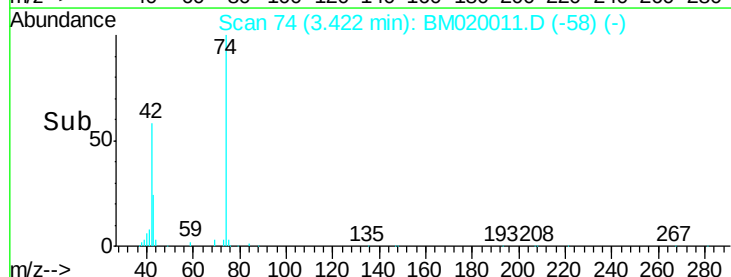
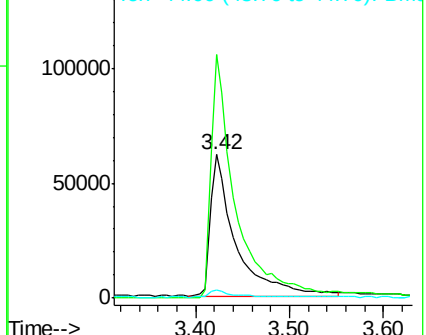
44 5.4 5.4 8.2#

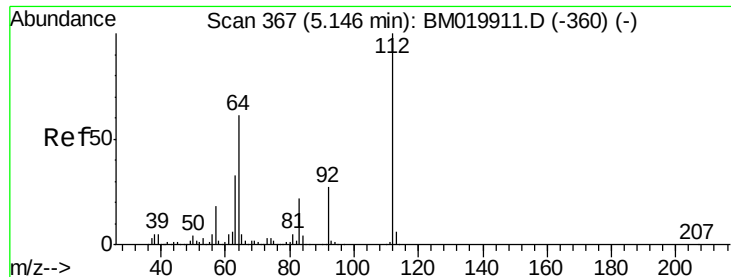


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 124.463 ng

RT: 5.12 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM020011.D

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BNA\_M

ClientSampleId :

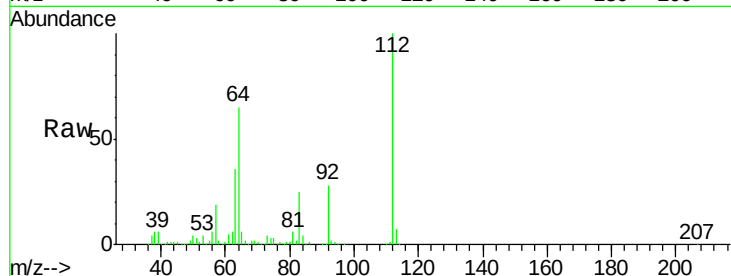
Tot Ion:112 Resp: 839331

Ion Ratio Lower Upper

112 100

64 64.9 49.1 73.7

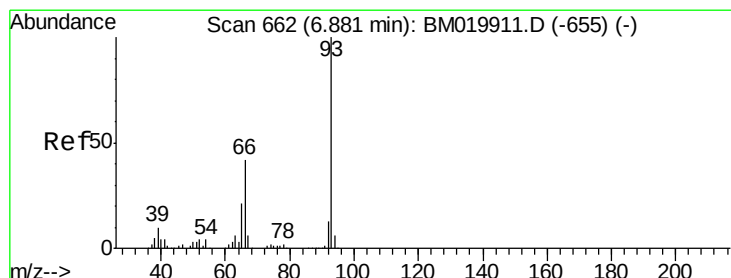
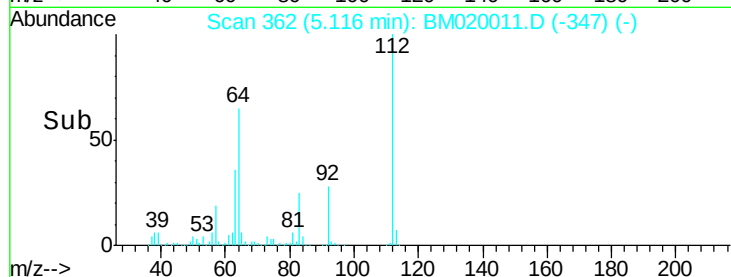
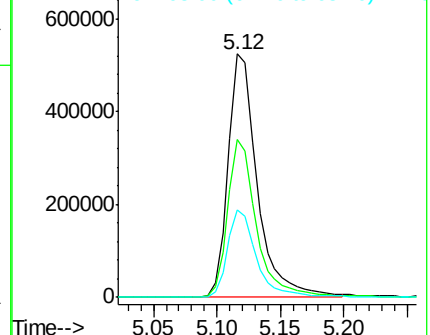
63 35.7 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 12.299 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

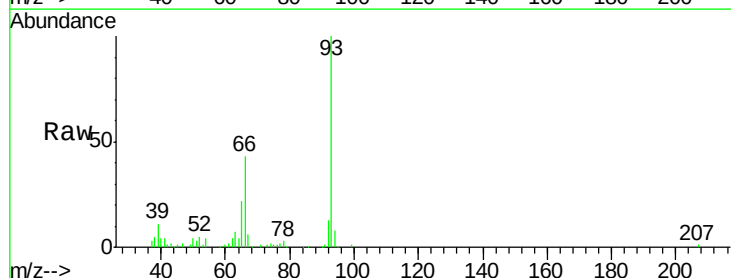
Tgt Ion: 93 Resp: 161216

Ion Ratio Lower Upper

93 100

66 43.1 33.9 50.9

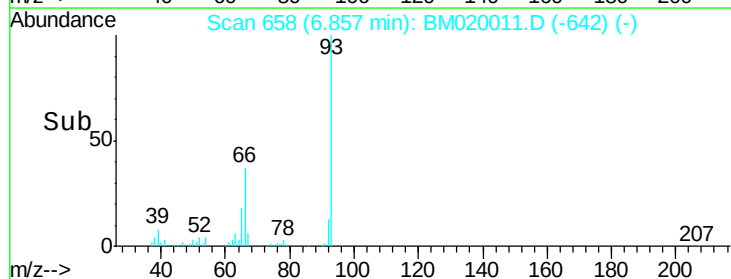
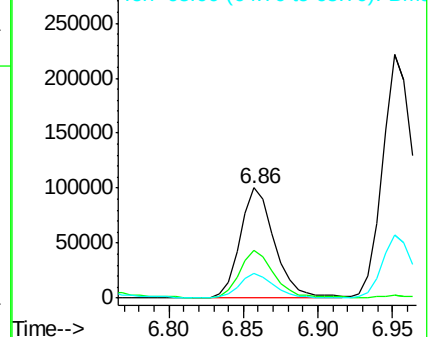
65 22.3 17.0 25.6

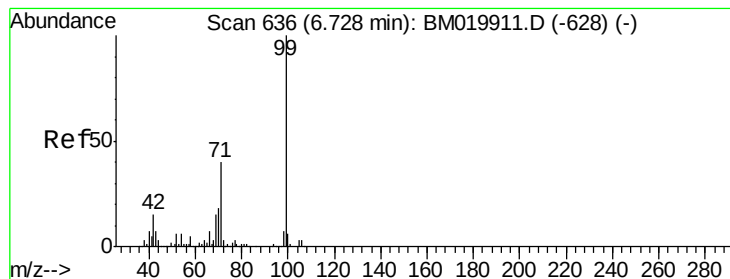


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 99.922 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

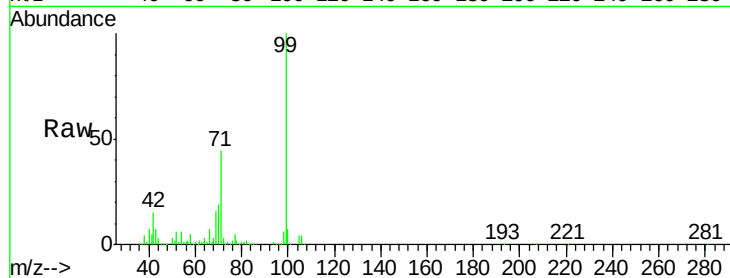
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 1014106

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.4  | 11.8  | 17.8  |
| 71  | 43.6  | 32.0  | 48.0  |

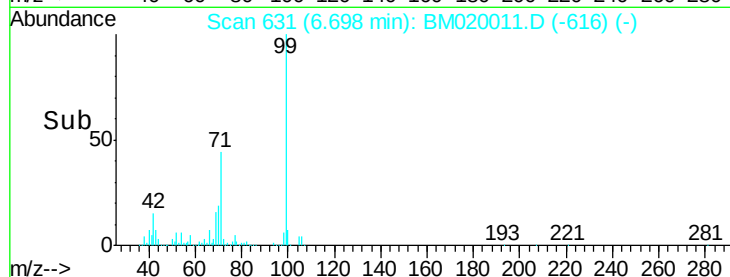


Abundance

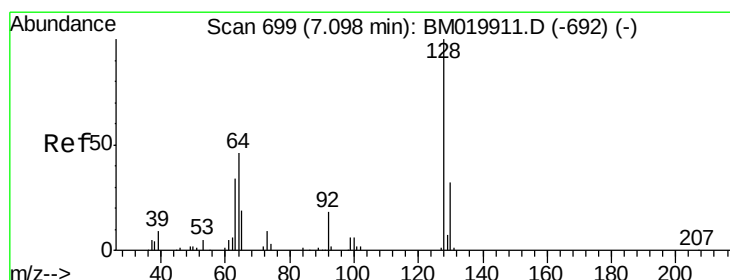
Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



Time--> 6.60 6.65 6.70 6.75 6.80



#8

2-Chlorophenol

Concen: 40.194 ng

RT: 7.07 min Scan# 694

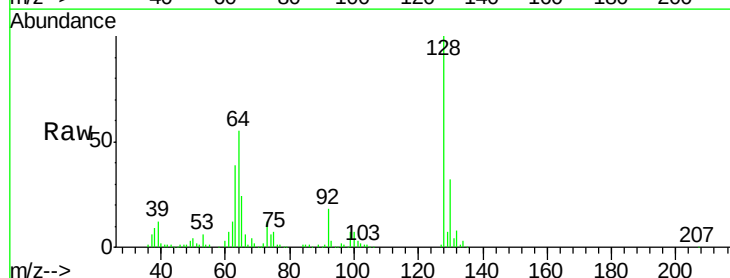
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion: 128 Resp: 337120

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 12.0  | 52.0  |
| 64  | 54.6  | 33.0  | 73.0  |



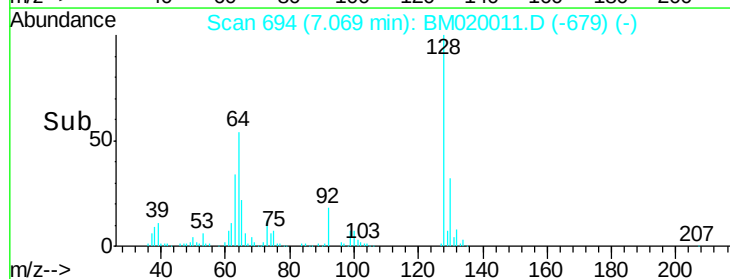
Abundance

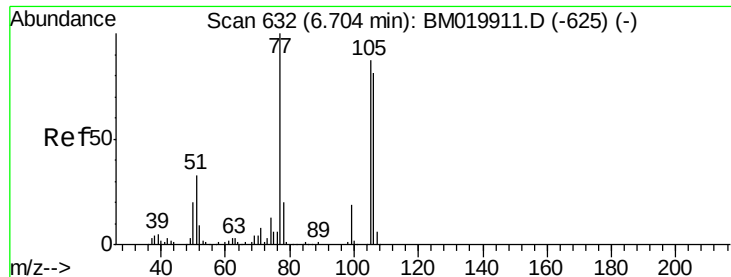
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM0

Time--> 7.00 7.05 7.10 7.15





#9

Benzaldehyde

Concen: 15.053 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

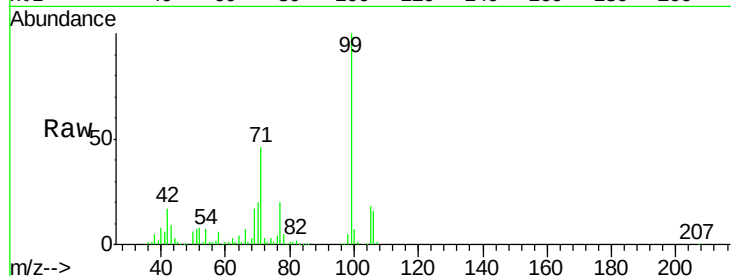
Tot Ion: 77 Resp: 106057

Ion Ratio Lower Upper

77 100

105 89.6 67.3 107.3

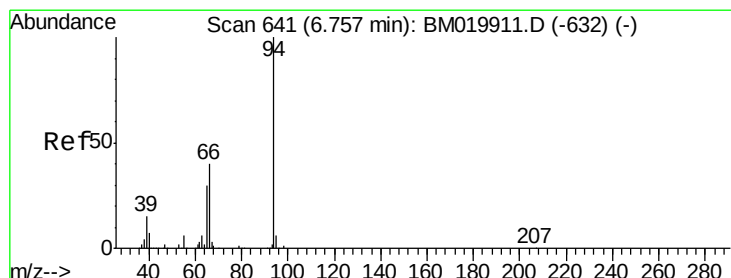
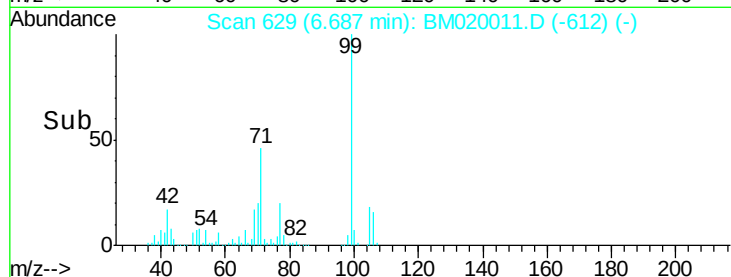
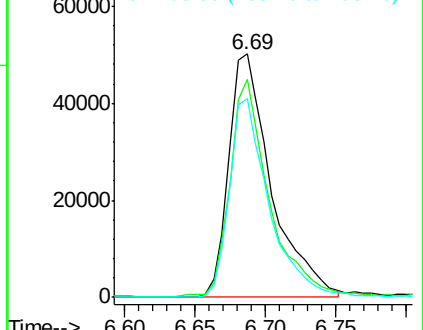
106 81.4 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BM019911.D (-625) (-)

Ion 106.00 (105.70 to 106.70): BM019911.D (-625) (-)



#10

Phenol

Concen: 32.302 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

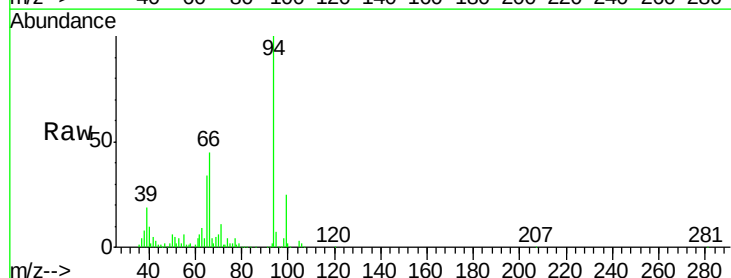
Tgt Ion: 94 Resp: 358177

Ion Ratio Lower Upper

94 100

65 33.7 10.0 50.0

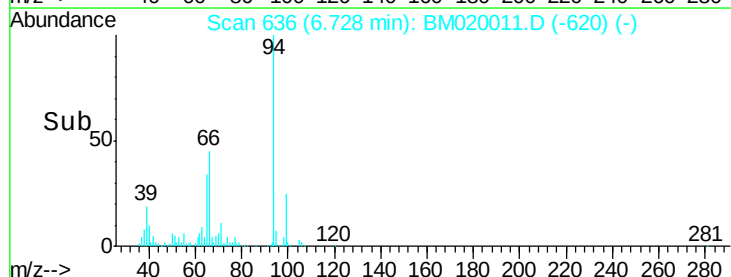
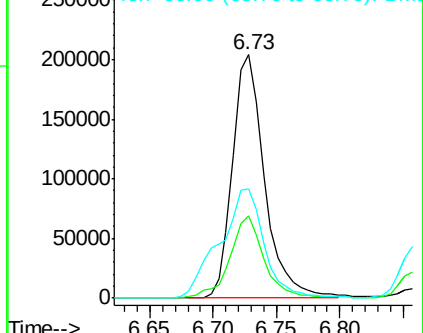
66 44.9 20.2 60.2



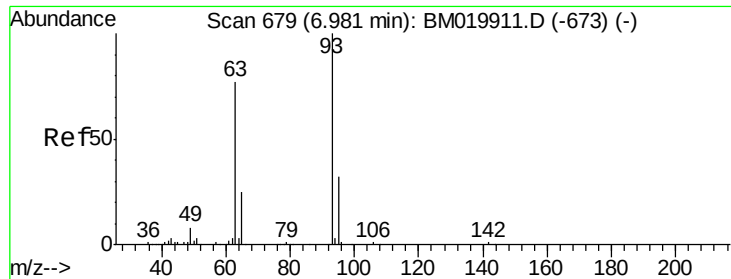
Abundance Ion 94.00 (93.70 to 94.70): BM019911.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM019911.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM019911.D (-632) (-)



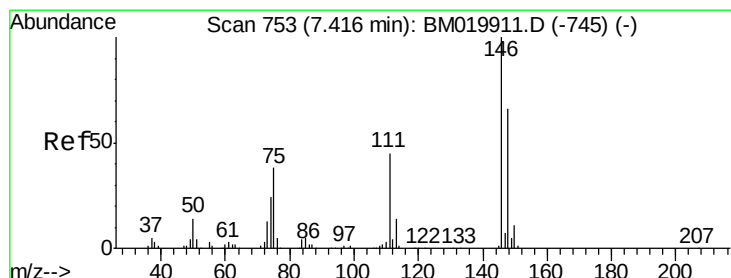
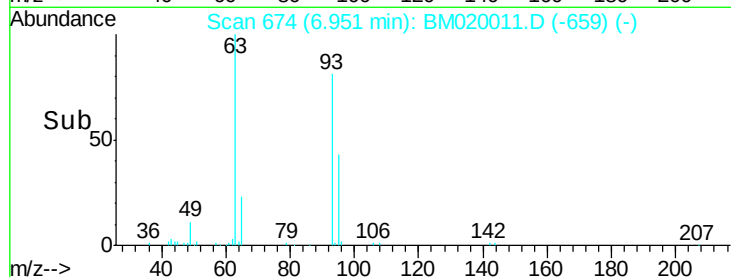
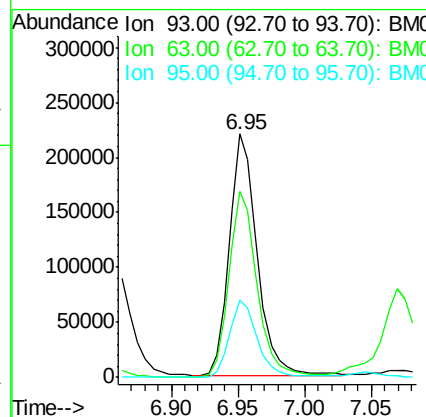
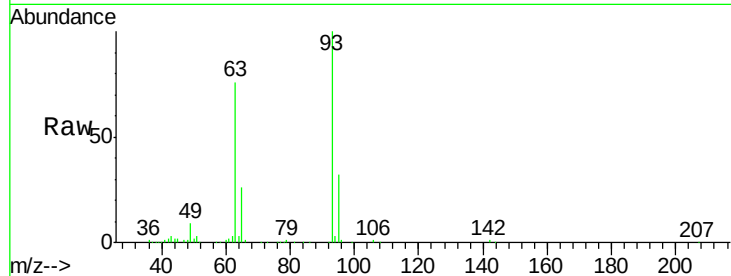




#11  
bis(2-Chloroethyl)ether  
Concen: 39.453 ng  
RT: 6.95 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

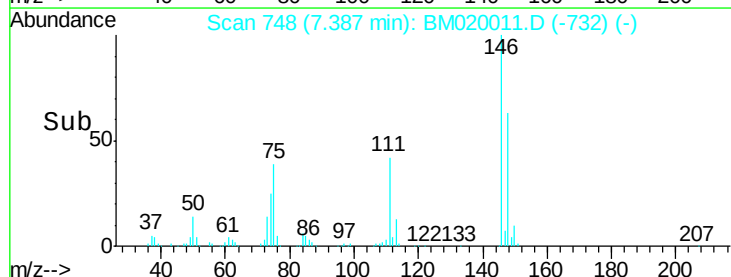
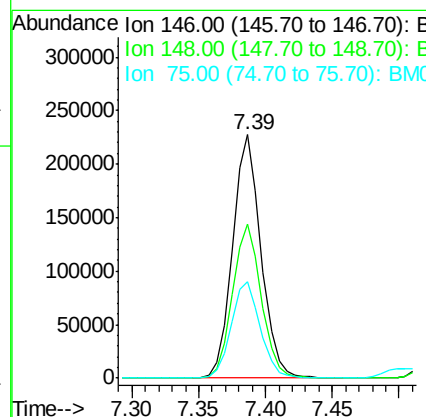
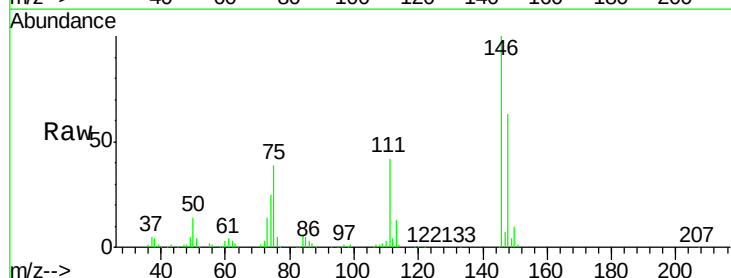
Instrument :  
BNA\_M  
ClientSampleId :

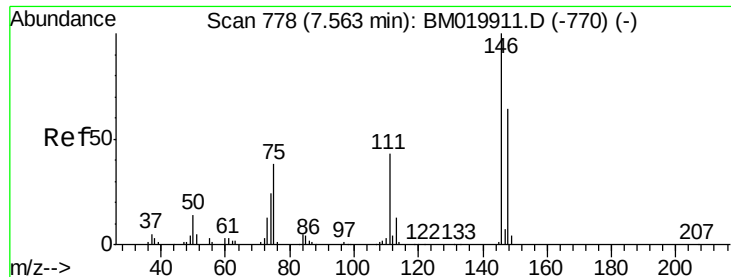
Tot Ion: 93 Resp: 320081  
Ion Ratio Lower Upper  
93 100  
63 76.4 55.8 95.8  
95 31.8 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 38.391 ng  
RT: 7.39 min Scan# 748  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion: 146 Resp: 338039  
Ion Ratio Lower Upper  
146 100  
148 63.2 52.6 78.8  
75 39.4 30.0 45.0

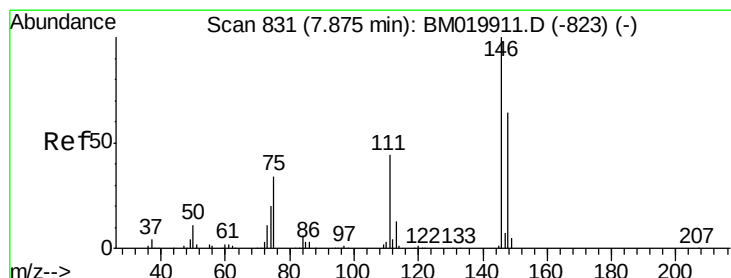
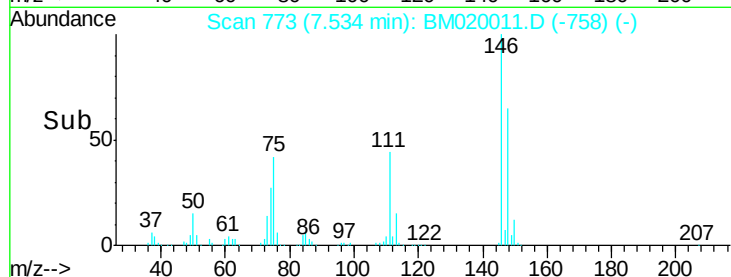
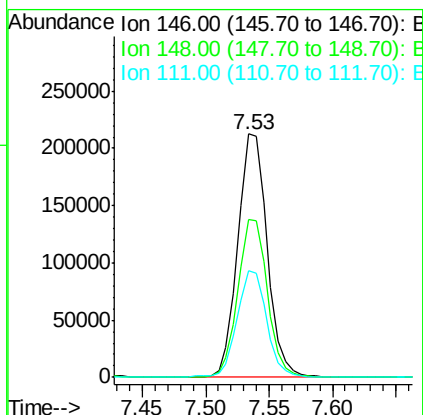
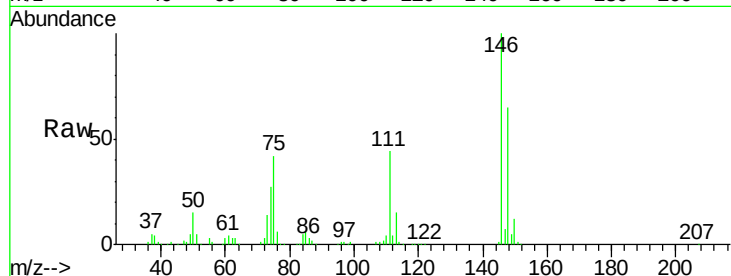




#13  
 1,4-Dichlorobenzene  
 Concen: 38.356 ng  
 RT: 7.53 min Scan# 773  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

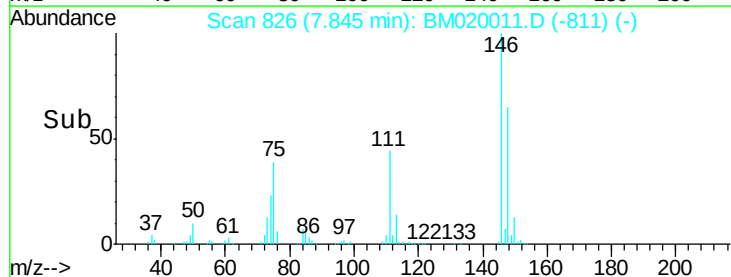
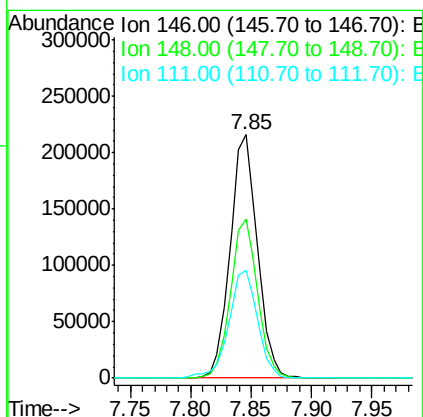
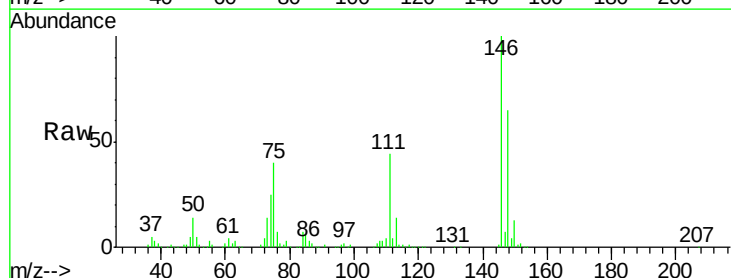
Instrument :  
 BNA\_M  
 ClientSampled :

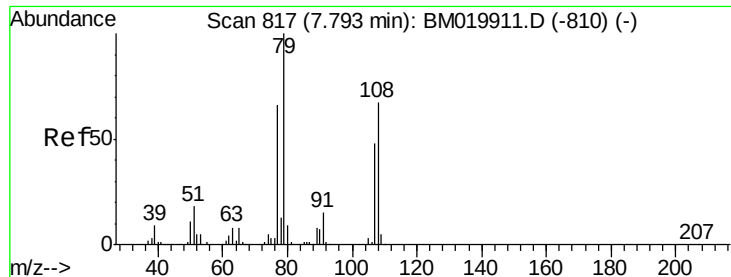
Tot Ion:146 Resp: 342665  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 51.1 76.7  
 111 43.8 34.6 51.8



#14  
 1,2-Dichlorobenzene  
 Concen: 38.343 ng  
 RT: 7.85 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

Tgt Ion:146 Resp: 339646  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 51.4 77.2  
 111 44.3 35.4 53.0





#15

Benzyl Alcohol

Concen: 36.608 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

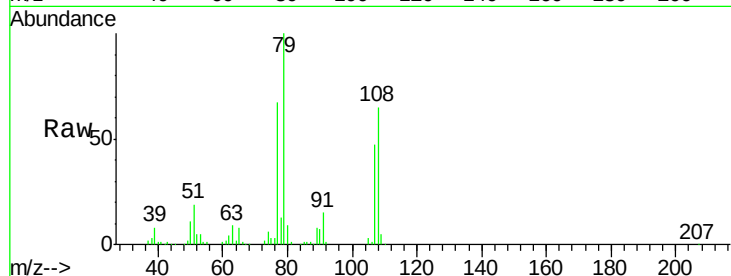
Tot Ion: 79 Resp: 337763

Ion Ratio Lower Upper

79 100

108 64.9 53.9 80.9

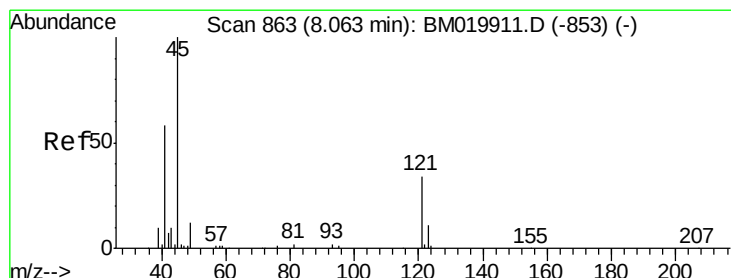
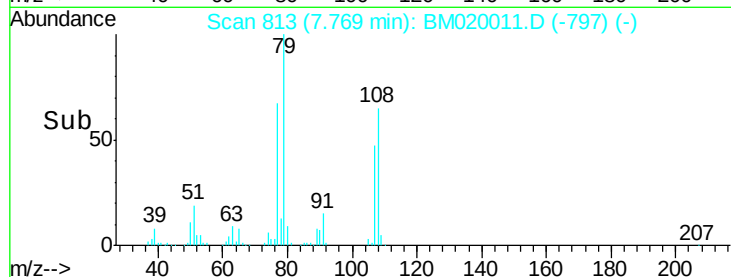
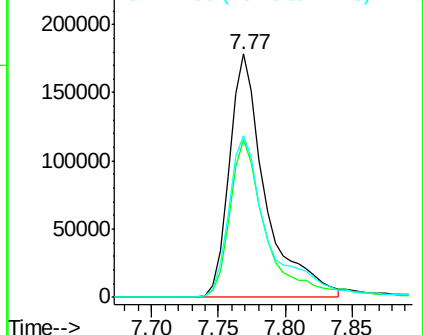
77 66.5 53.1 79.7



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM019911.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-810) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.415 ng

RT: 8.03 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

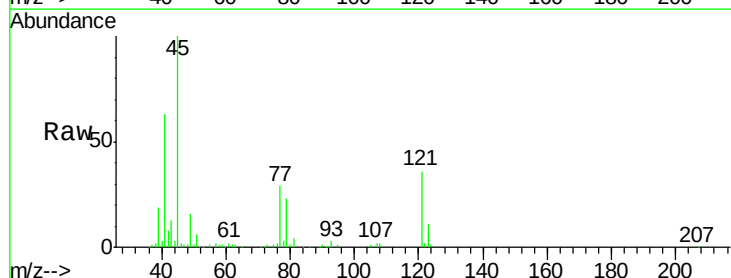
Tgt Ion: 45 Resp: 281631

Ion Ratio Lower Upper

45 100

77 28.5 7.2 47.2

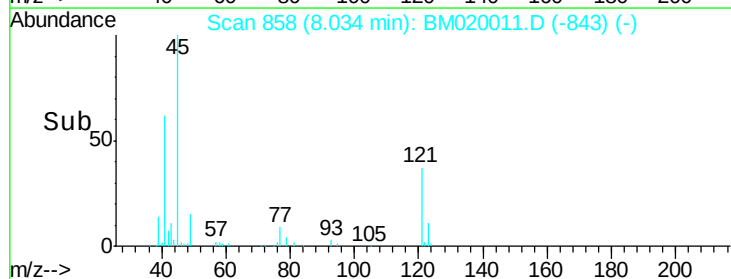
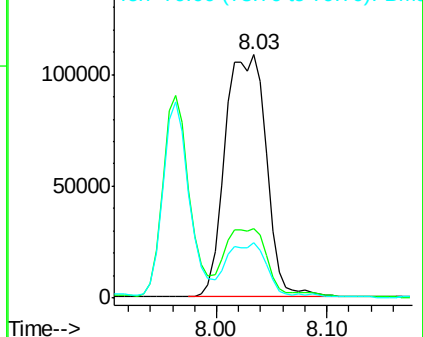
79 22.8 1.2 41.2

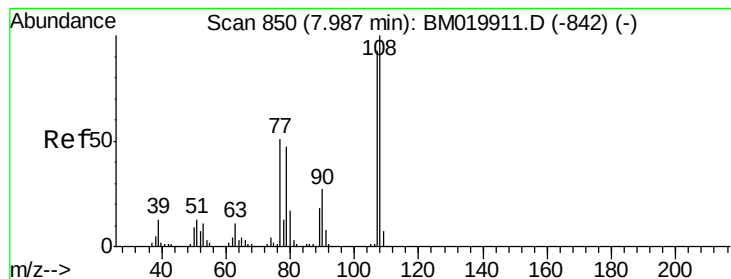


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-853) (-)

Ion 79.00 (78.70 to 79.70): BM019911.D (-853) (-)

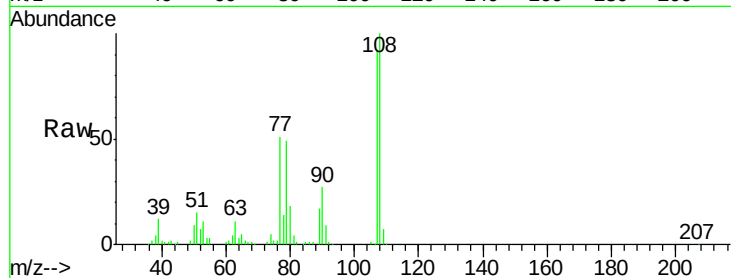




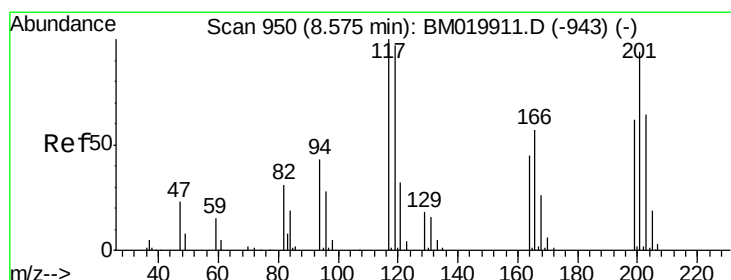
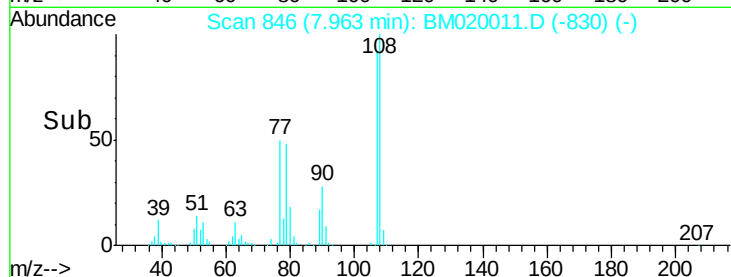
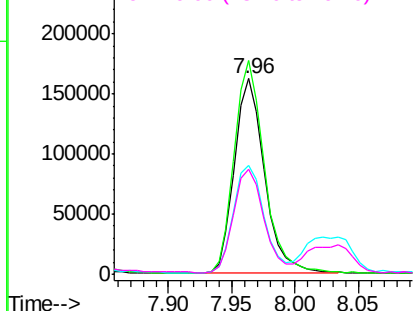
#17  
2-Methylphenol  
Concen: 36.355 ng  
RT: 7.96 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 266802 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.2 | 85.9  | 128.9  |
| 77       | 55.8  | 43.8  | 65.6   |
| 79       | 54.0  | 41.1  | 61.7   |

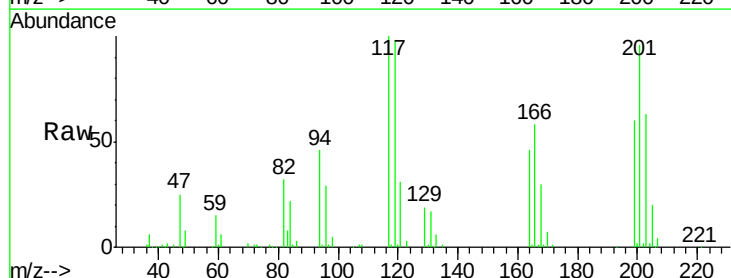


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

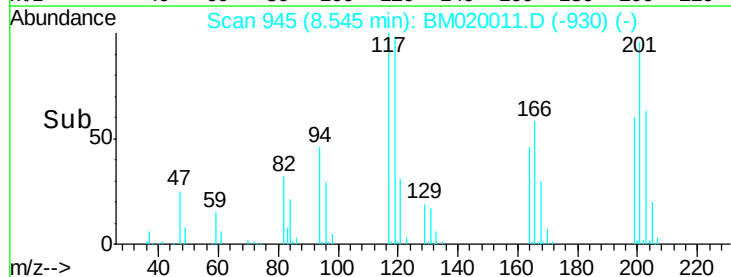
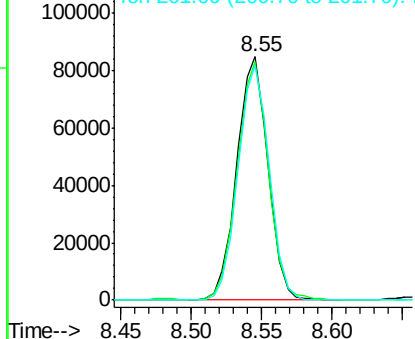


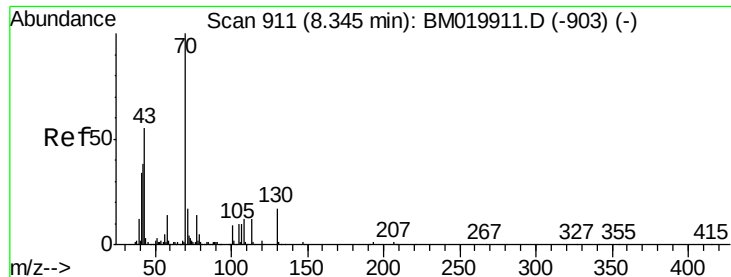
#18  
Hexachloroethane  
Concen: 37.658 ng  
RT: 8.55 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 130776 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.9  | 77.6  | 116.4  |
| 201      | 96.4  | 75.4  | 113.2  |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

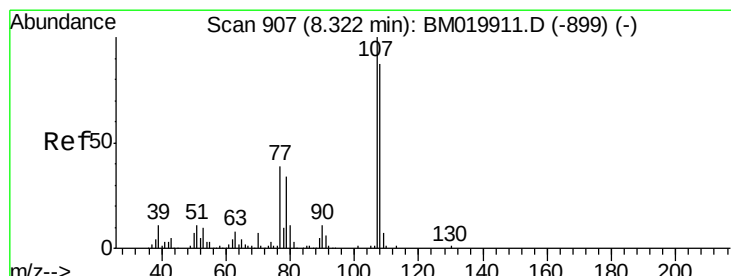
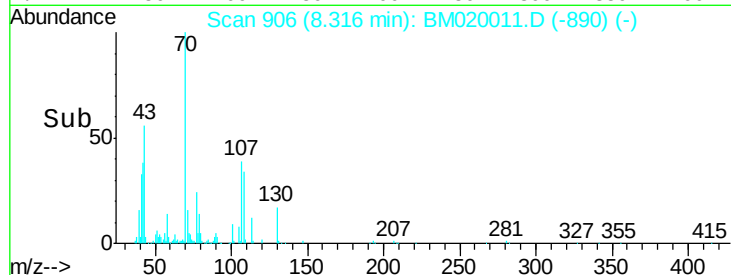
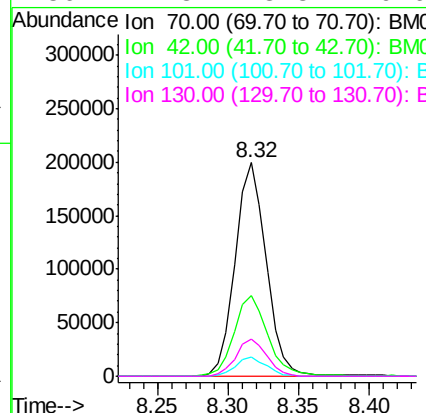
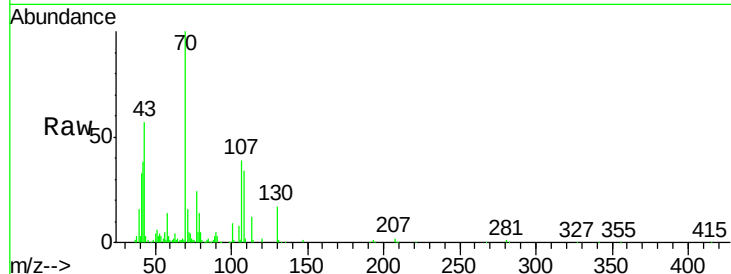




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.359 ng  
RT: 8.32 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

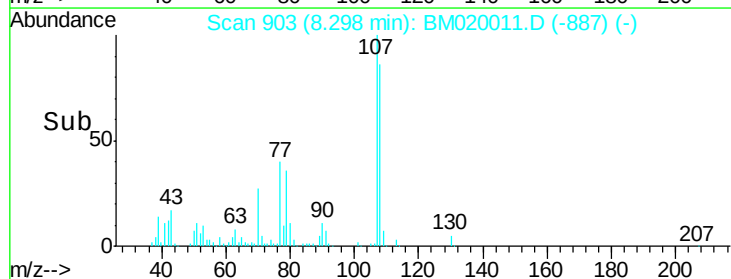
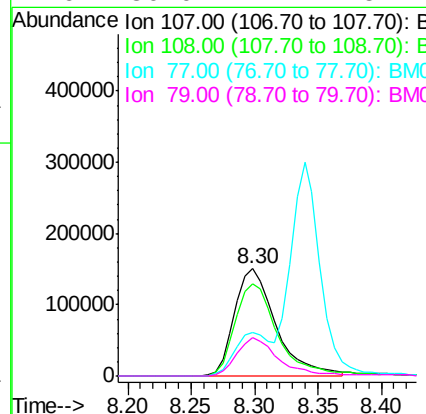
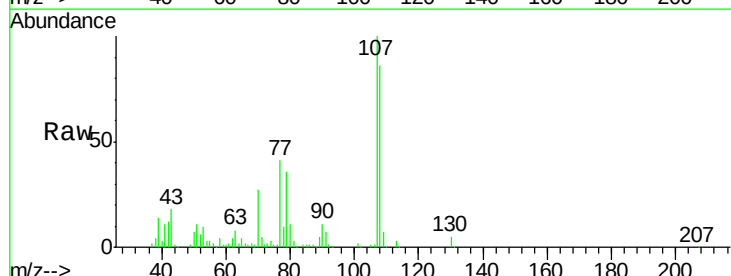
Instrument :  
BNA\_M  
ClientSampleId :

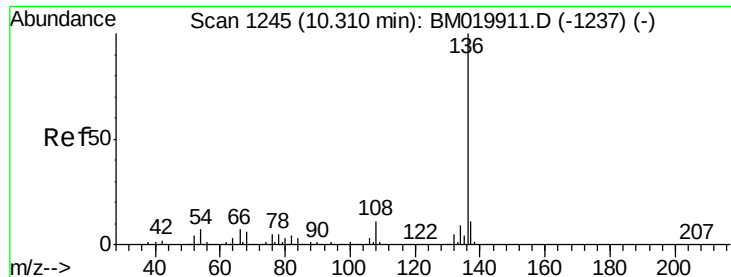
Tot Ion: 70 Resp: 306531  
Ion Ratio Lower Upper  
70 100  
42 38.0 30.3 45.5  
101 8.8 6.9 10.3  
130 17.3 13.8 20.6



#20  
3+4-Methylphenols  
Concen: 34.024 ng  
RT: 8.30 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:107 Resp: 343013  
Ion Ratio Lower Upper  
107 100  
108 86.2 67.4 107.4  
77 40.6 19.7 59.7  
79 36.0 14.1 54.1

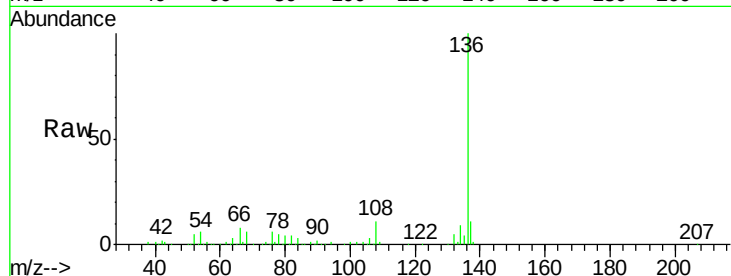




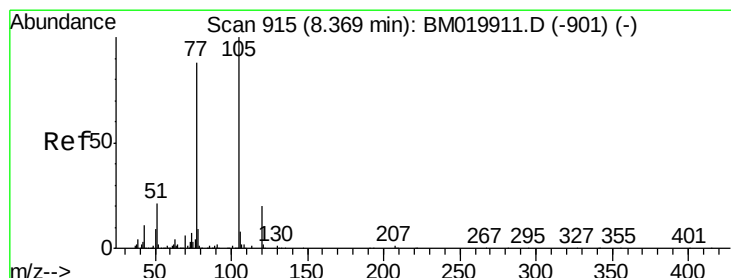
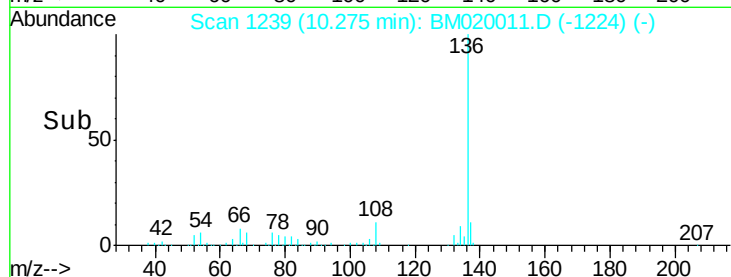
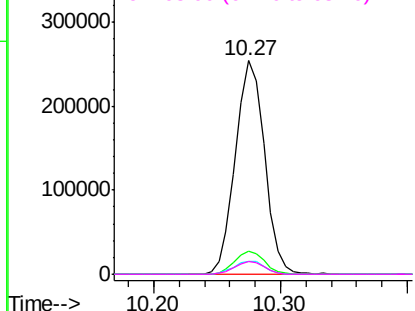
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.27 min Scan# 1239  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 407061   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.8  | 9.0 13.6 |
| 54          | 6.1   | 5.3 7.9  |
| 68          | 6.2   | 5.2 7.8  |

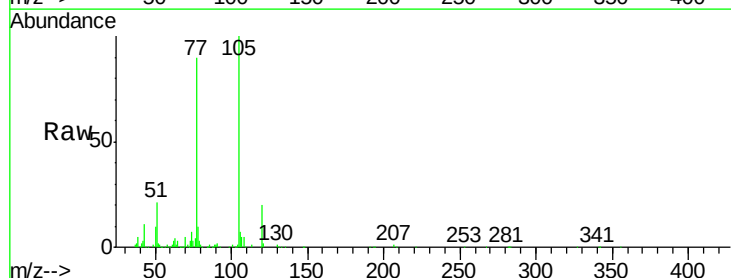


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

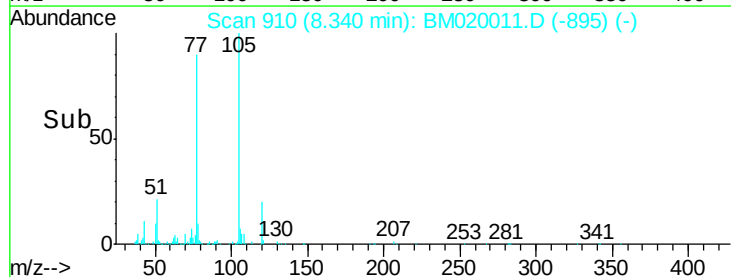
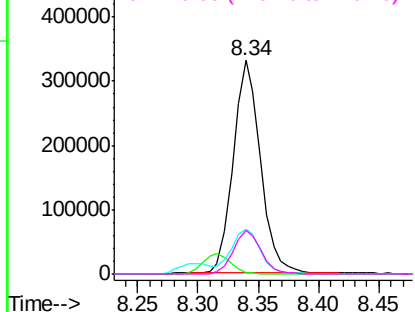


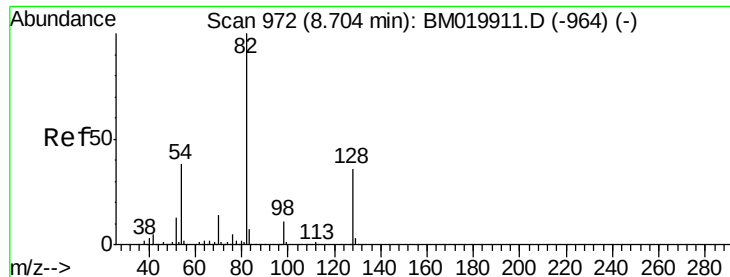
#22  
Acetophenone  
Concen: 46.871 ng  
RT: 8.34 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 519666    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.8   | 0.8 1.2   |
| 51          | 21.2  | 16.9 25.3 |
| 120         | 20.1  | 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

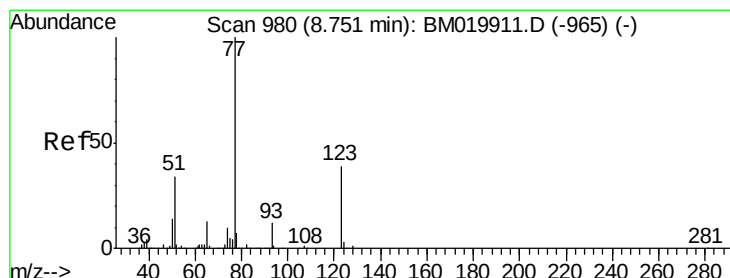
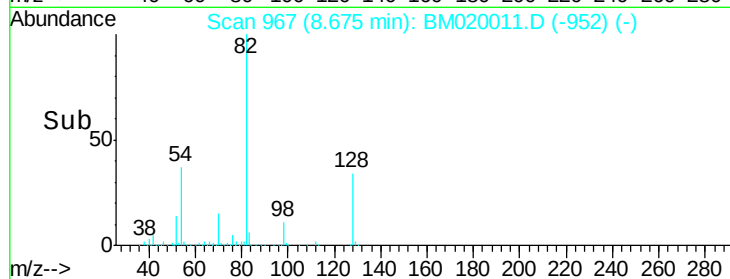
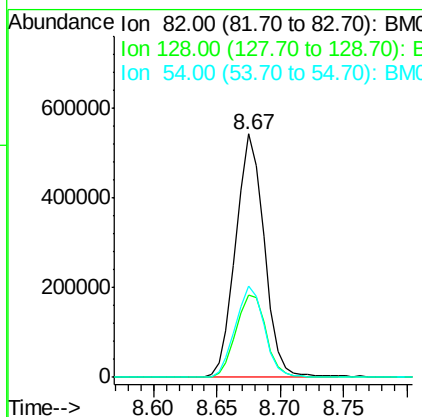
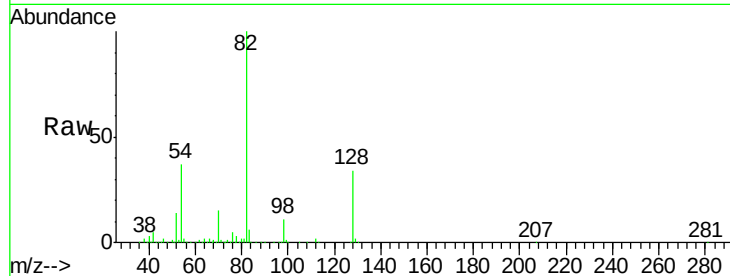




#23  
 Nitrobenzene-d5  
 Concen: 93.555 ng  
 RT: 8.67 min Scan# 967  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

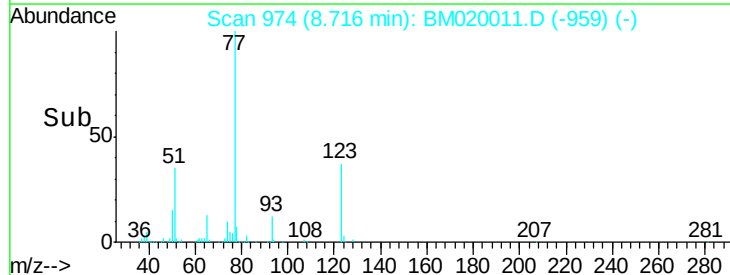
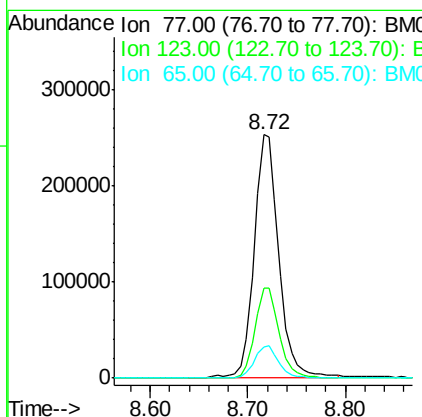
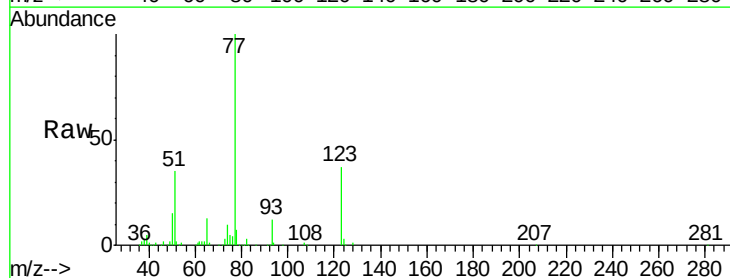
Instrument :  
 BNA\_M  
 ClientSampleId :

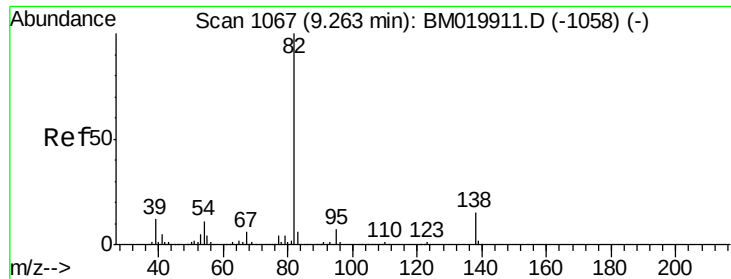
| Tot Ion   | 82    | Resp  | 851552 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.0  | 29.0  | 43.4   |
| 54        | 37.3  | 30.2  | 45.4   |



#24  
 Nitrobenzene  
 Concen: 47.673 ng  
 RT: 8.72 min Scan# 974  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

| Tgt Ion   | 77    | Resp  | 449517 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 36.8  | 31.0  | 46.4   |
| 65        | 13.0  | 10.6  | 16.0   |





#25

Isophorone

Concen: 42.289 ng

RT: 9.23 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

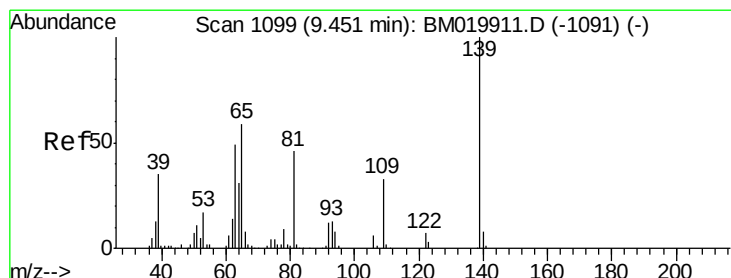
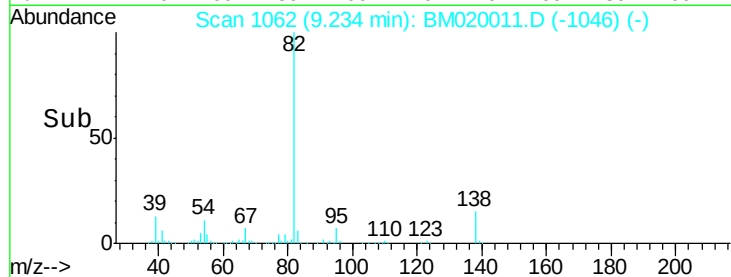
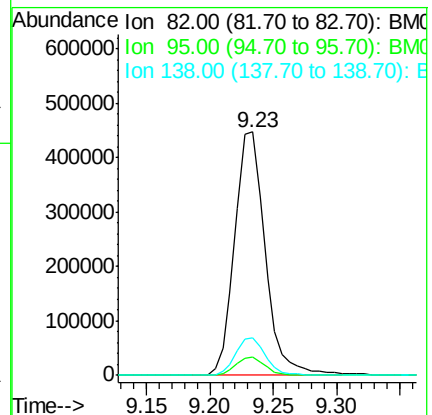
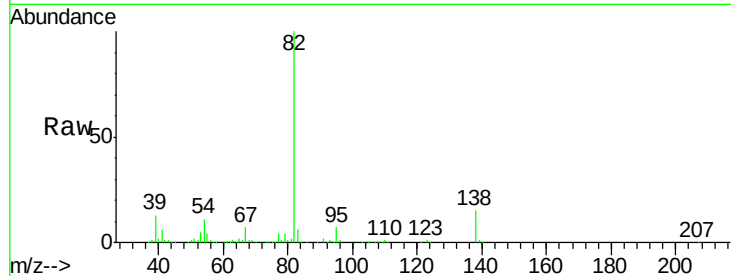
Tot Ion: 82 Resp: 749298

Ion Ratio Lower Upper

82 100

95 7.4 5.5 8.3

138 15.4 12.2 18.2



#26

2-Nitrophenol

Concen: 42.878 ng

RT: 9.42 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

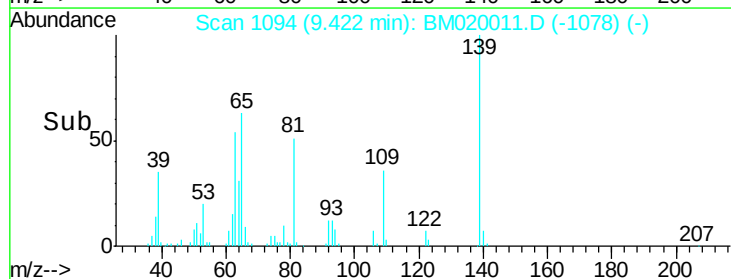
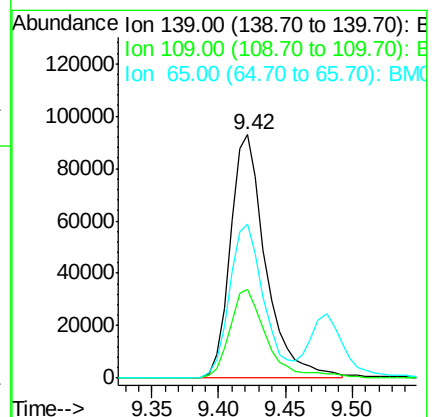
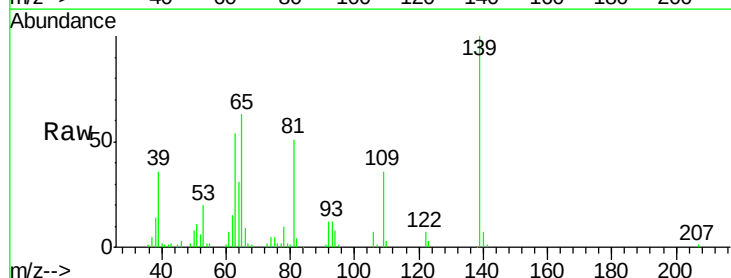
Tgt Ion: 139 Resp: 172293

Ion Ratio Lower Upper

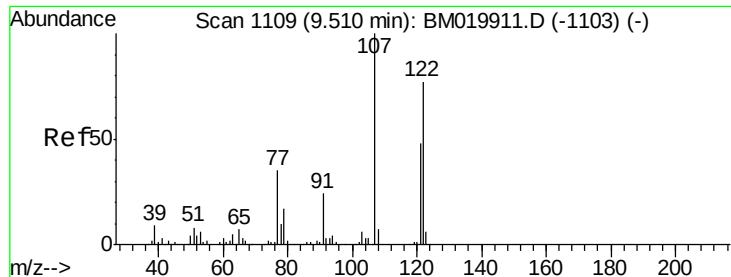
139 100

109 36.2 26.3 39.5

65 63.3 47.4 71.2



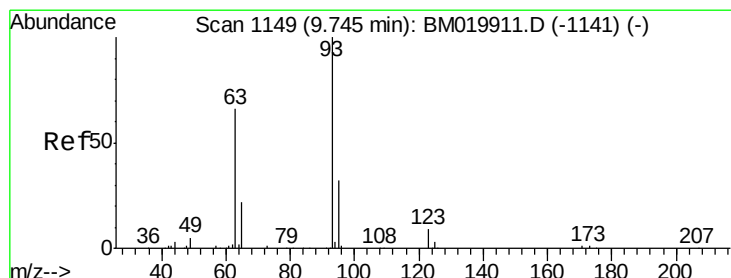
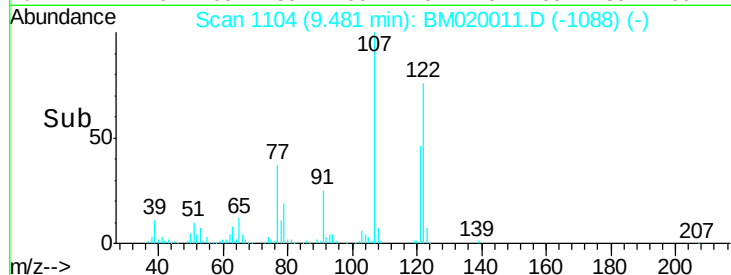
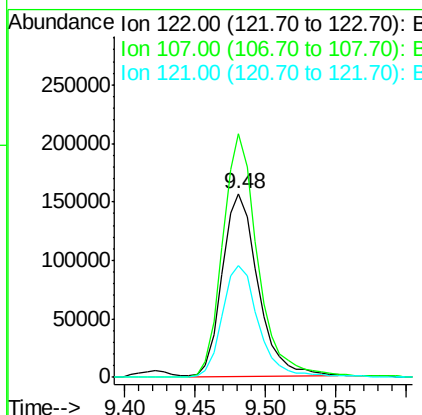
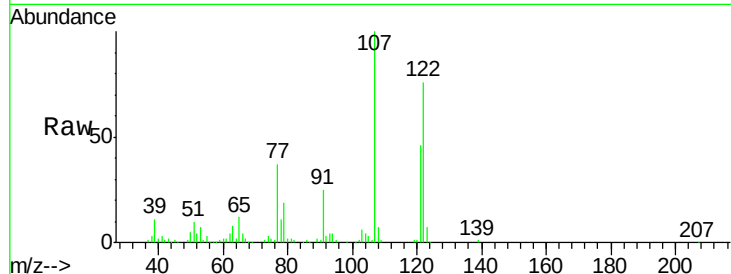




#27  
 2,4-Dimethylphenol  
 Concen: 48.424 ng  
 RT: 9.48 min Scan# 1104  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

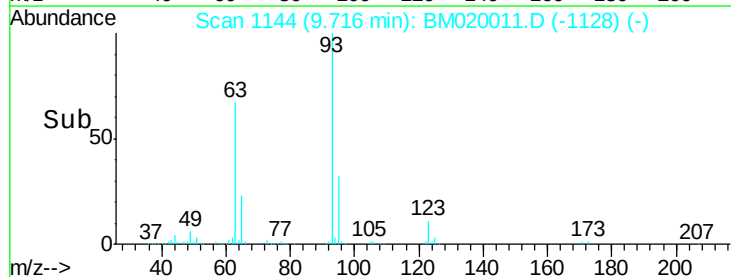
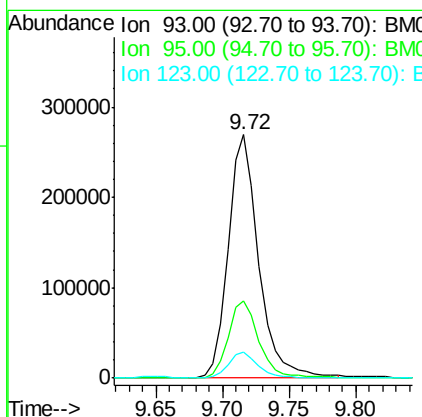
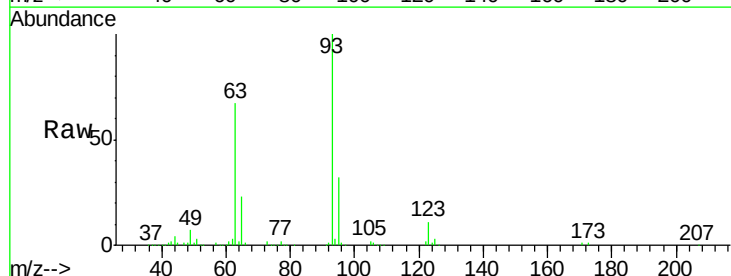
Instrument :  
 BNA\_M  
 ClientSampled :

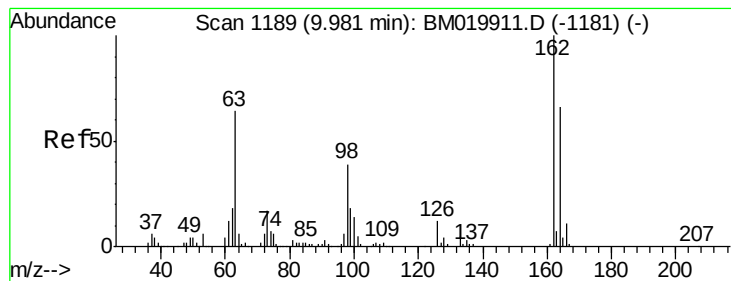
Tot Ion:122 Resp: 275119  
 Ion Ratio Lower Upper  
 122 100  
 107 132.4 103.1 154.7  
 121 60.5 49.8 74.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.338 ng  
 RT: 9.72 min Scan# 1144  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

Tgt Ion: 93 Resp: 429992  
 Ion Ratio Lower Upper  
 93 100  
 95 31.7 25.8 38.8  
 123 10.5 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 43.025 ng

RT: 9.96 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

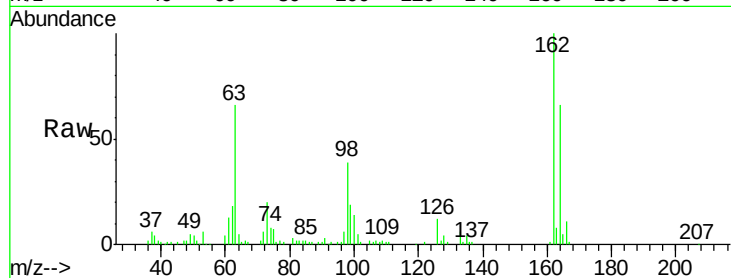
Tot Ion:162 Resp: 277622

Ion Ratio Lower Upper

162 100

164 66.3 46.3 86.3

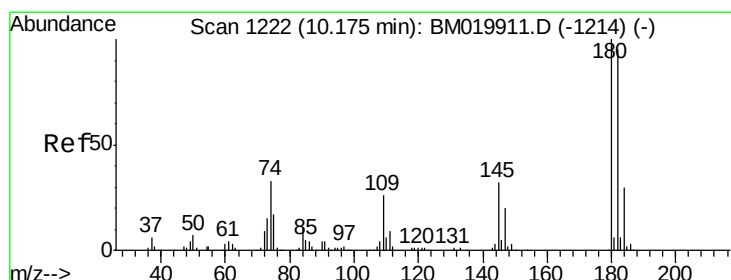
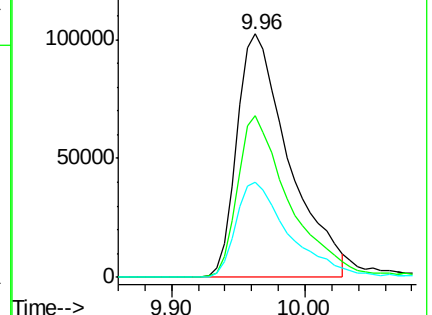
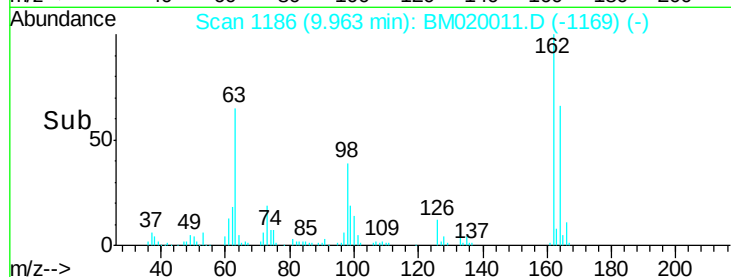
98 39.1 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 47.070 ng

RT: 10.14 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

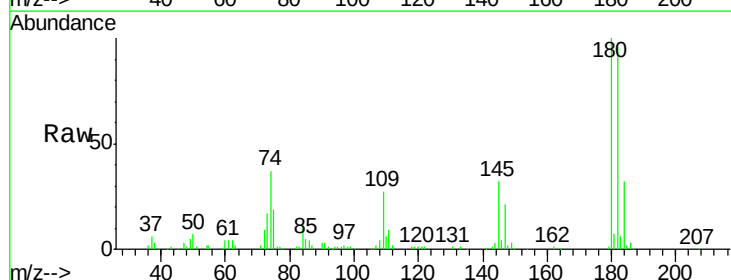
Tgt Ion:180 Resp: 326894

Ion Ratio Lower Upper

180 100

182 95.9 76.3 114.5

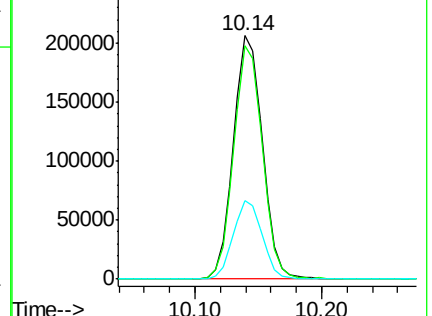
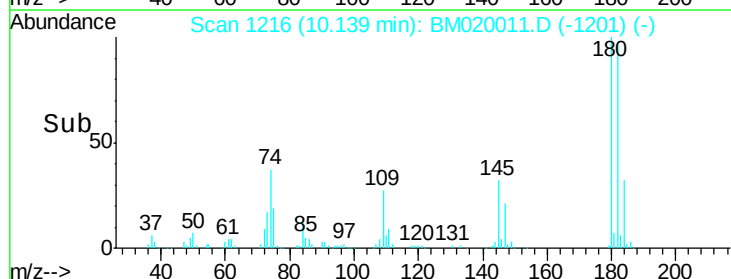
145 32.0 25.5 38.3

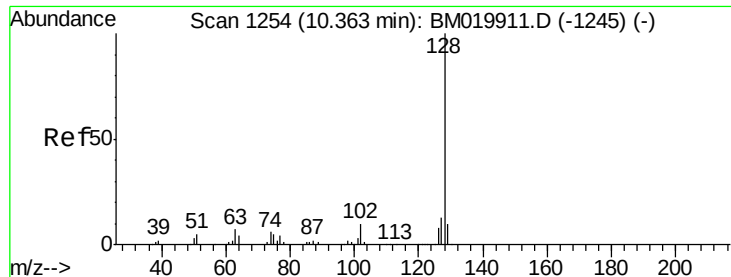


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

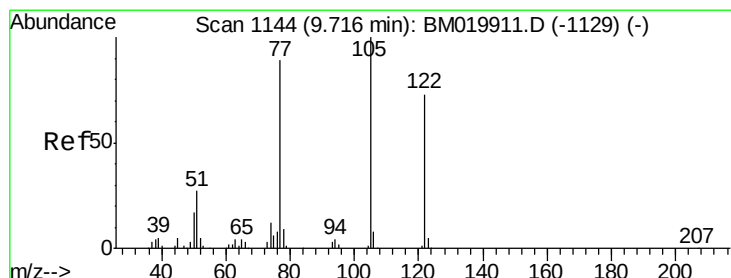
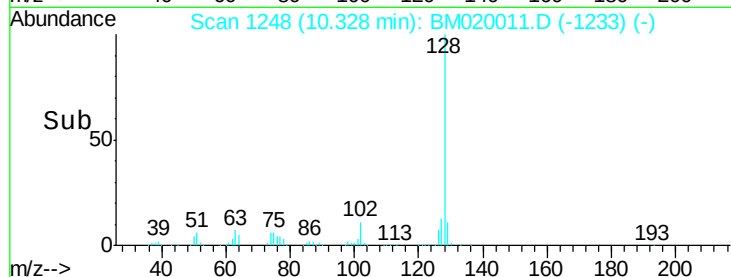
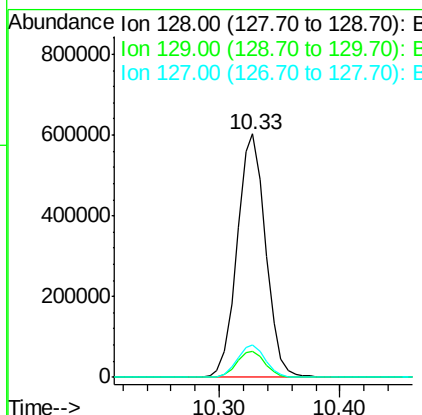
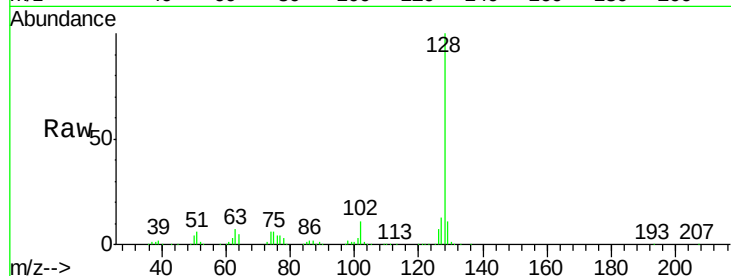




#31  
Naphthalene  
Concen: 45.365 ng  
RT: 10.33 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

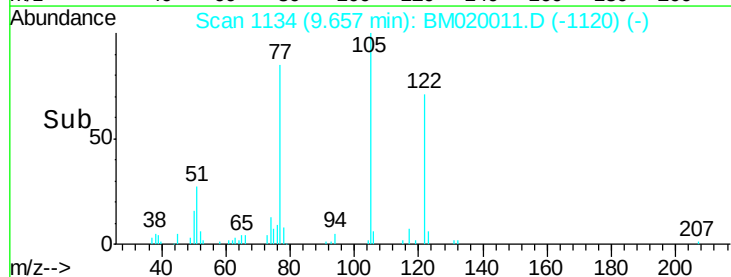
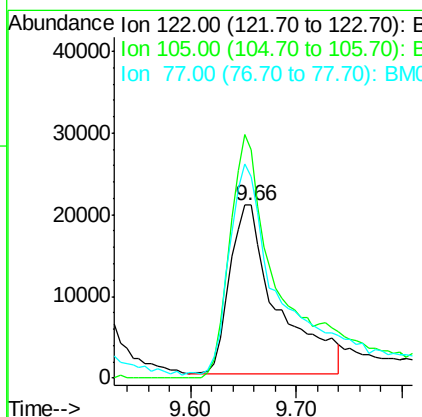
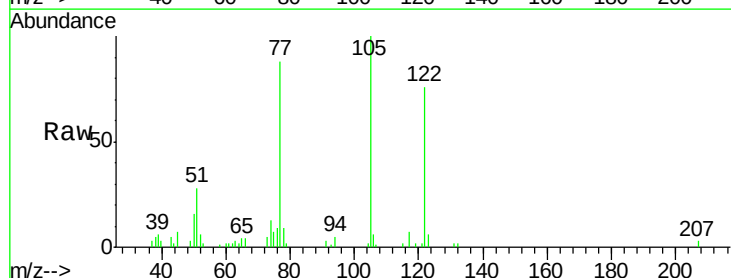
Instrument :  
BNA\_M  
ClientSampleId :

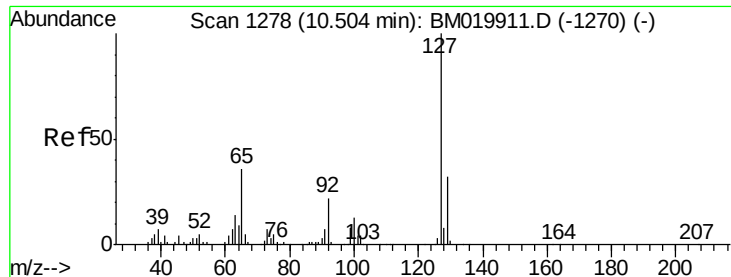
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.3   | 12.5  |
| 127     | 13.2  | 10.4  | 15.6  |



#32  
Benzoic acid  
Concen: 15.870 ng  
RT: 9.66 min Scan# 1134  
Delta R.T. -0.02 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.9 | 114.8 | 154.8 |
| 77      | 116.5 | 100.2 | 140.2 |

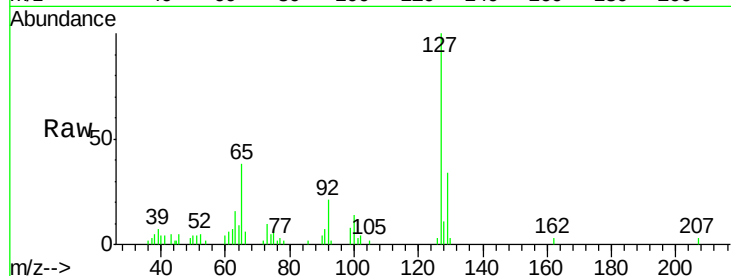




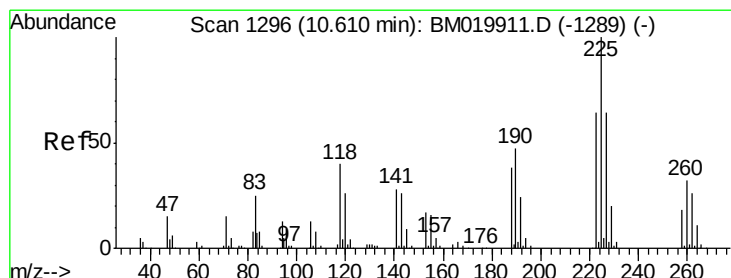
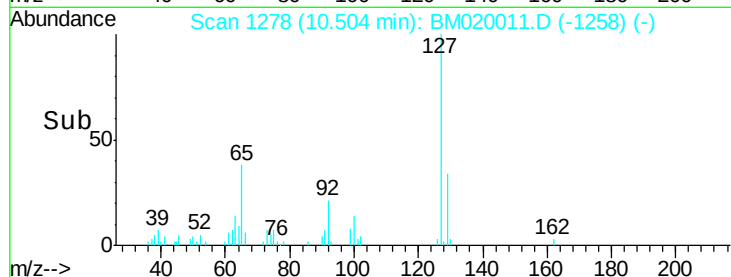
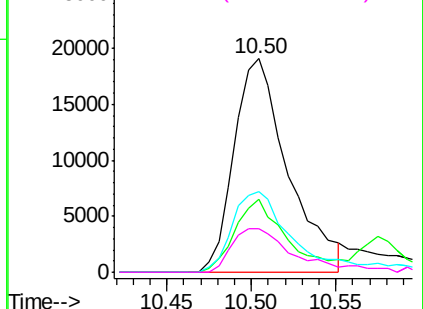
#33  
4-Chloroaniline  
Concen: 4.720 ng  
RT: 10.50 min Scan# 1278  
Delta R.T. 0.02 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |       |  |
|-------------|-------|-------|--|
| Tot Ion:127 | Resp: | 42457 |  |
| Ion Ratio   | Lower | Upper |  |
| 127 100     |       |       |  |
| 129 34.0    | 25.4  | 38.0  |  |
| 65 37.7     | 29.2  | 43.8  |  |
| 92 20.5     | 17.5  | 26.3  |  |

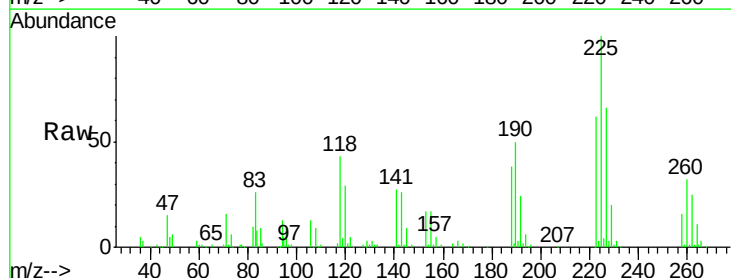


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

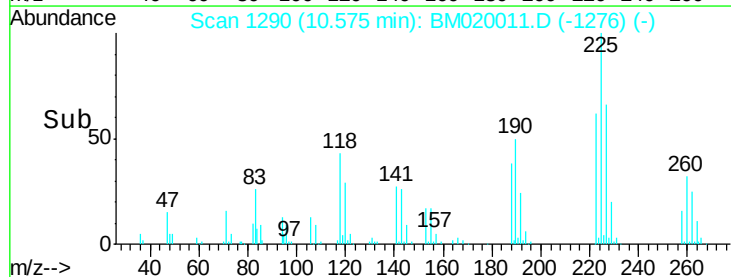
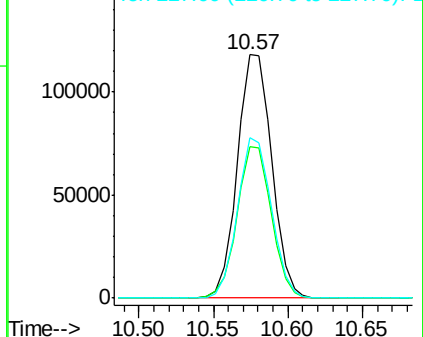


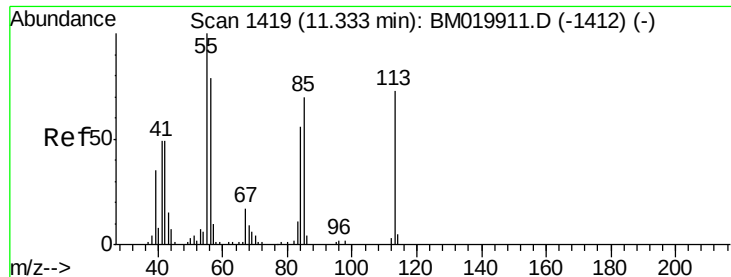
#34  
Hexachlorobutadiene  
Concen: 46.283 ng  
RT: 10.57 min Scan# 1290  
Delta R.T. -0.02 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 189572 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 62.3    | 51.4  | 77.2   |
| 227 | 66.1    | 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

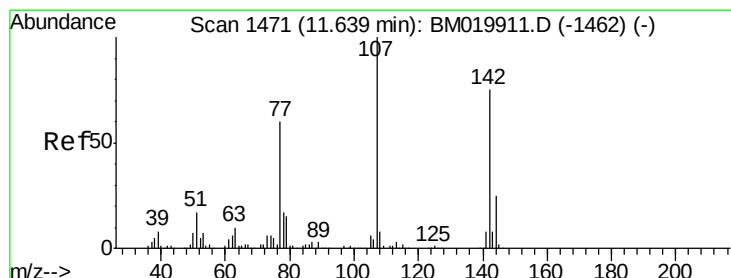
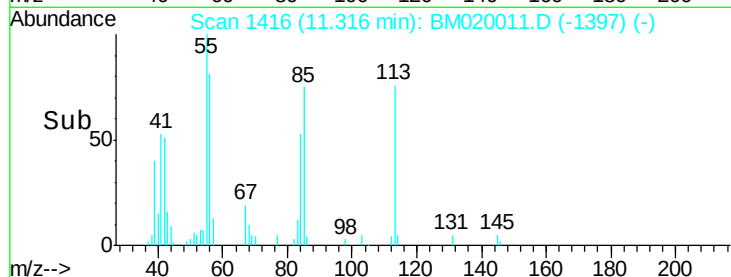
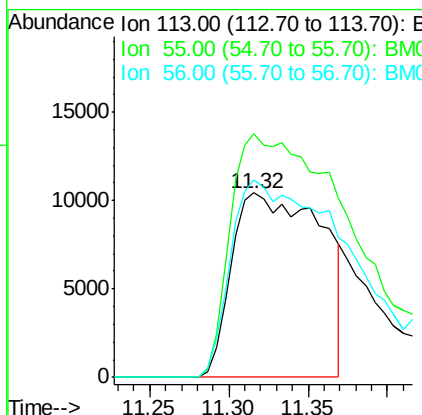
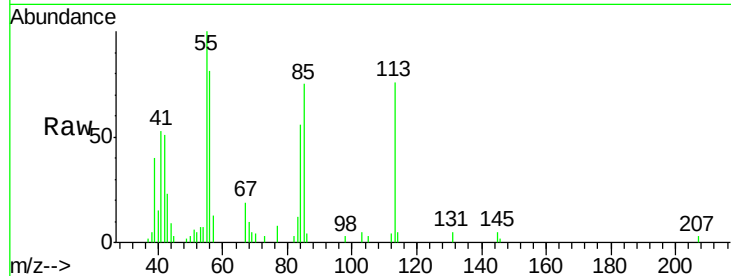




#35  
Caprolactam  
Concen: 16.878 ng  
RT: 11.32 min Scan# 1416  
Delta R.T. 0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

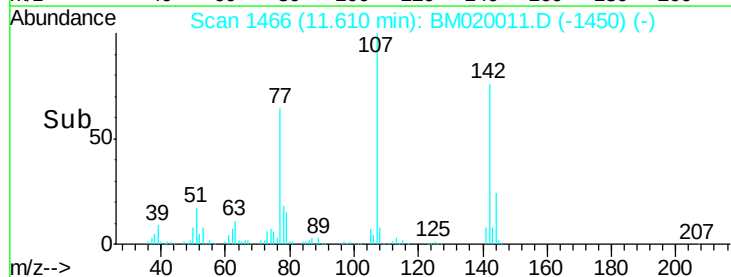
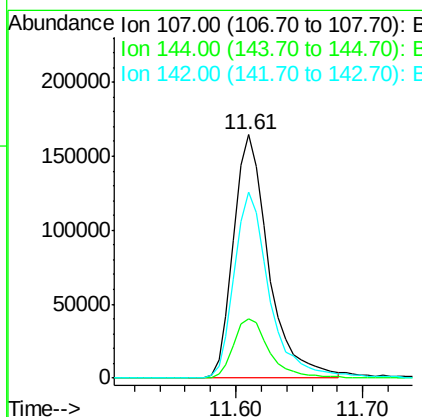
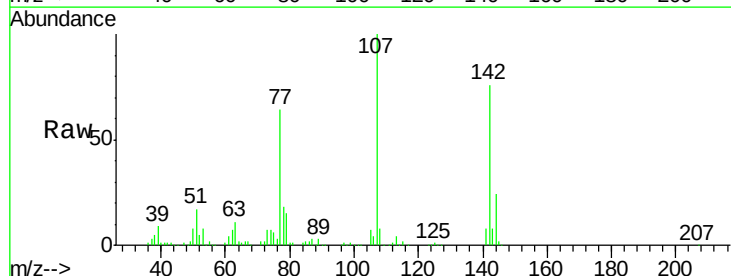
Instrument :  
BNA\_M  
ClientSampleId :

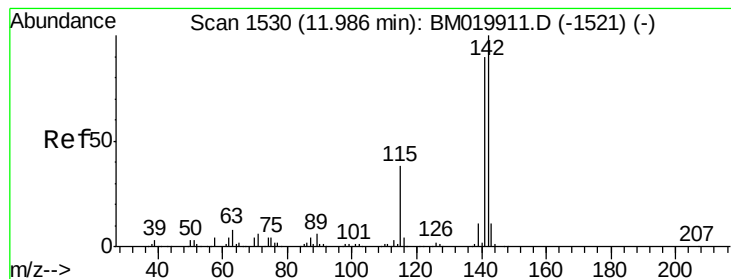
Tot Ion:113 Resp: 41224  
Ion Ratio Lower Upper  
113 100  
55 131.9 117.1 157.1  
56 107.1 88.2 128.2



#36  
4-Chloro-3-methylphenol  
Concen: 39.547 ng  
RT: 11.61 min Scan# 1466  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:107 Resp: 317069  
Ion Ratio Lower Upper  
107 100  
144 24.3 19.8 29.8  
142 76.4 60.3 90.5





#37

2-Methylnaphthalene

Concen: 44.830 ng

RT: 11.95 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

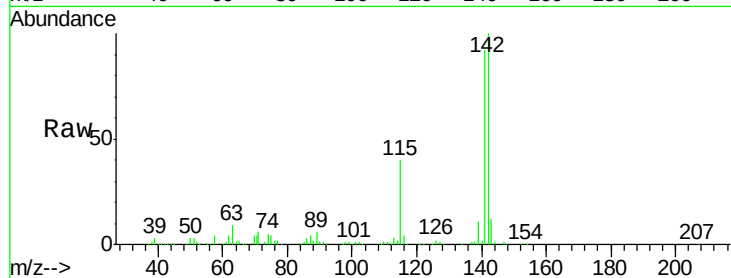
Tot Ion:142 Resp: 712601

Ion Ratio Lower Upper

142 100

141 91.6 72.3 108.5

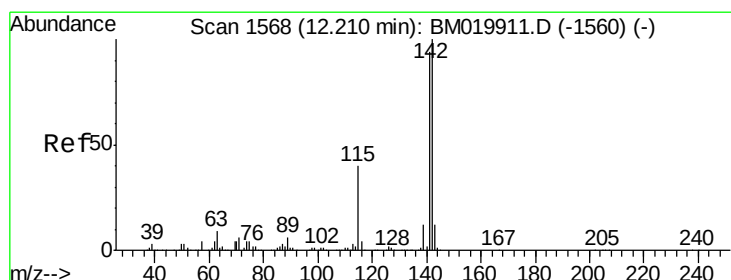
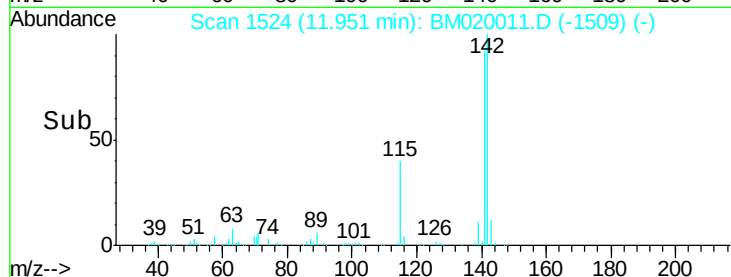
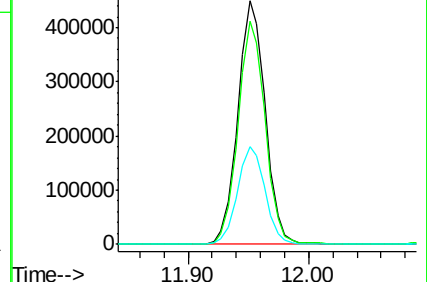
115 40.1 30.5 45.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.158 ng

RT: 12.17 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

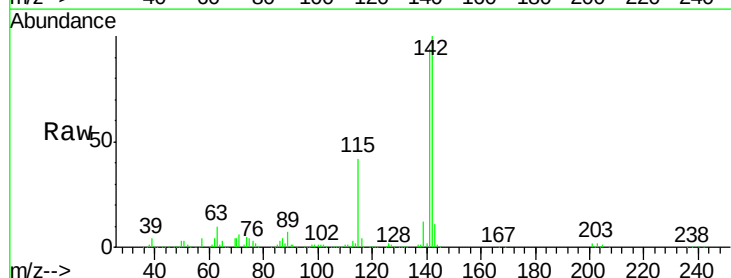
Tgt Ion:142 Resp: 677360

Ion Ratio Lower Upper

142 100

141 94.3 75.7 113.5

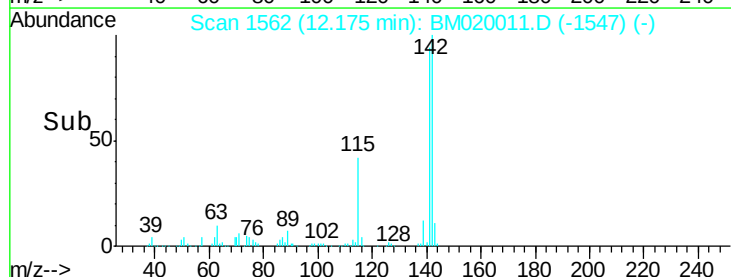
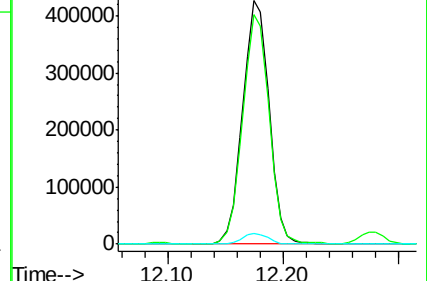
116 4.4 3.4 5.2

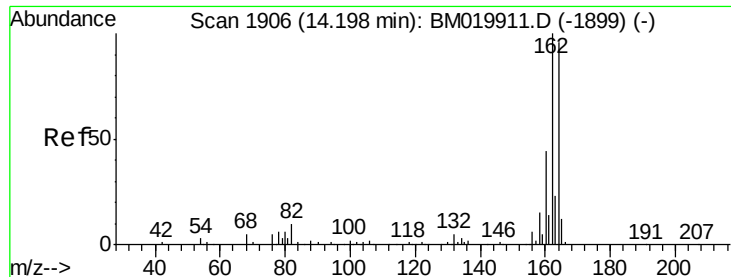


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

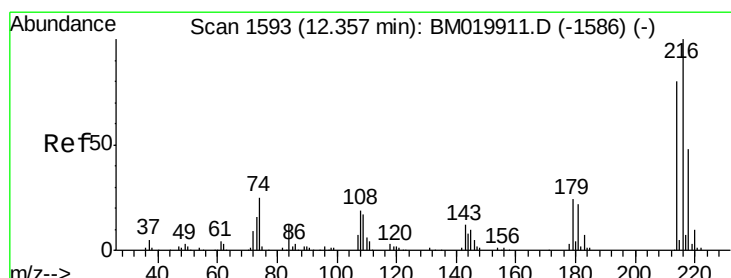
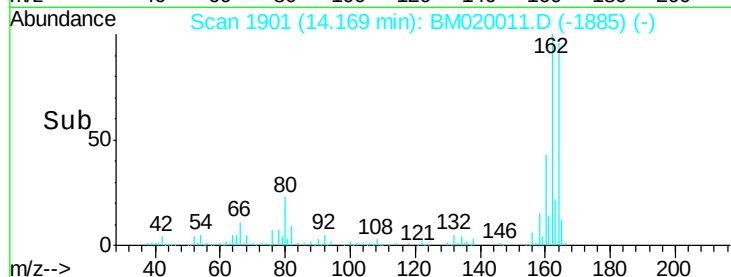
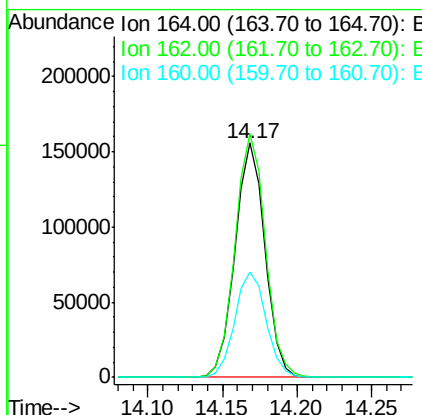
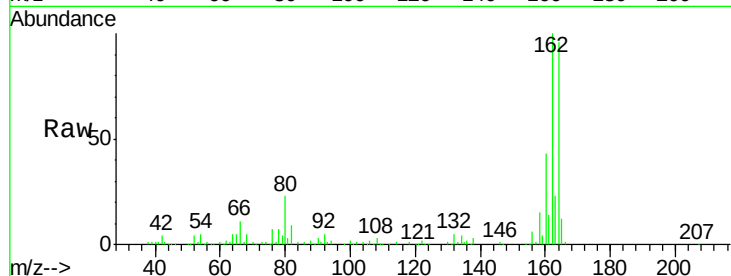




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.17 min Scan# 1901  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

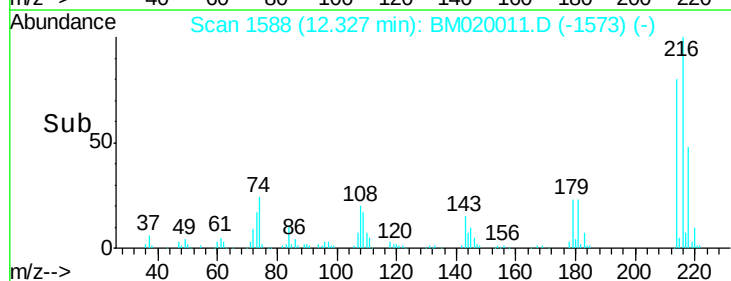
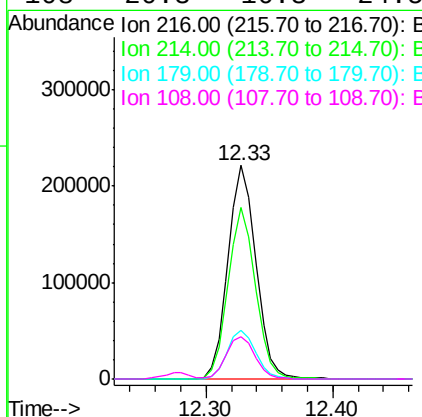
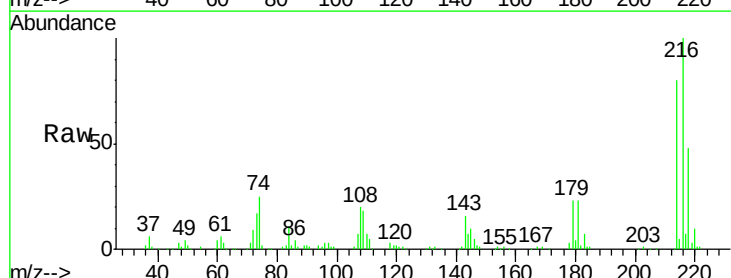
Instrument :  
BNA\_M  
ClientSampleId :

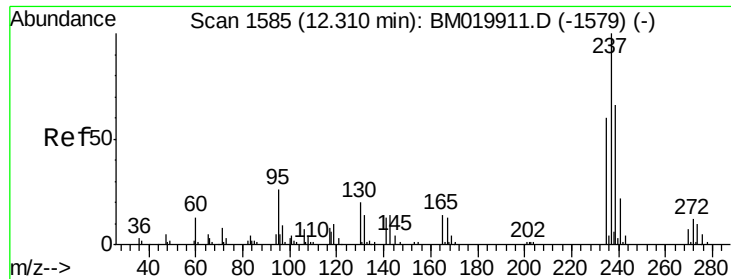
Tot Ion:164 Resp: 217769  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.0 124.4  
160 44.7 36.6 55.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.507 ng  
RT: 12.33 min Scan# 1588  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:216 Resp: 339311  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.1 94.7  
179 23.0 19.0 28.6  
108 20.3 16.3 24.5





#41

Hexachlorocyclopentadiene

Concen: 89.517 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

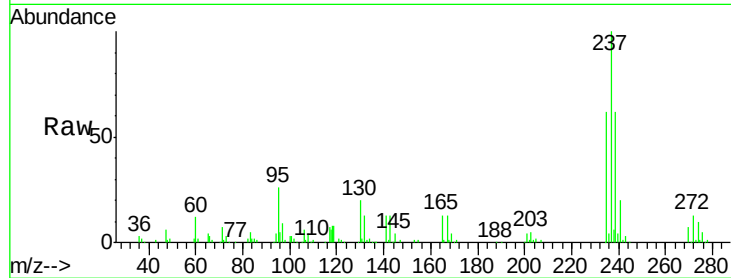
Tot Ion:237 Resp: 216776

Ion Ratio Lower Upper

237 100

235 61.9 40.4 80.4

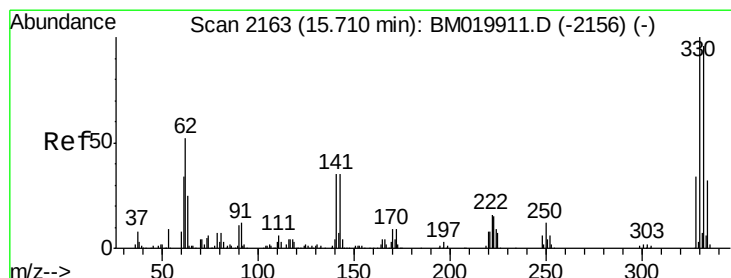
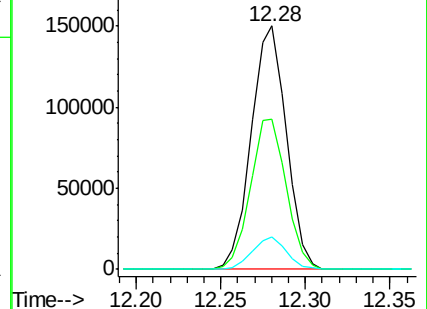
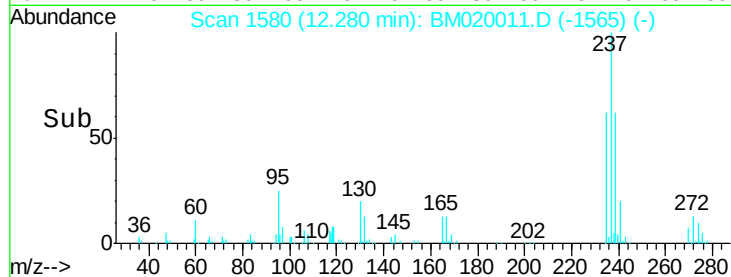
272 13.4 0.0 32.3



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: 127.666 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

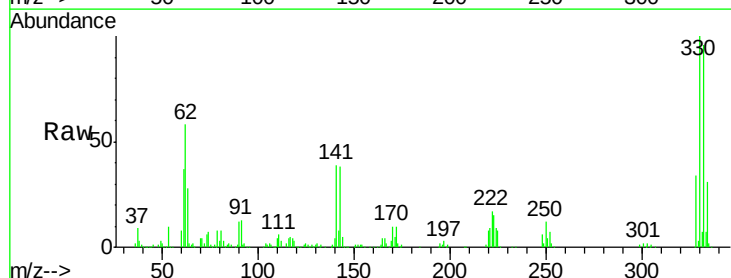
Tgt Ion:330 Resp: 447530

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

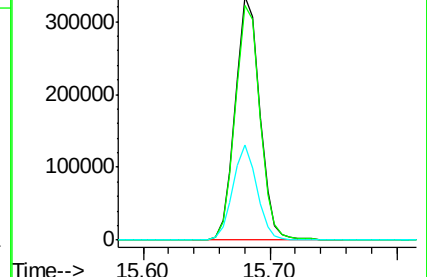
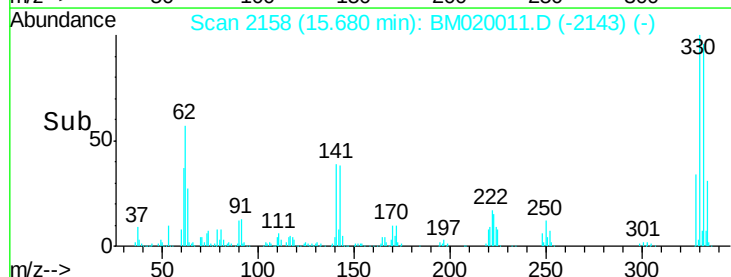
141 38.8 29.0 43.4



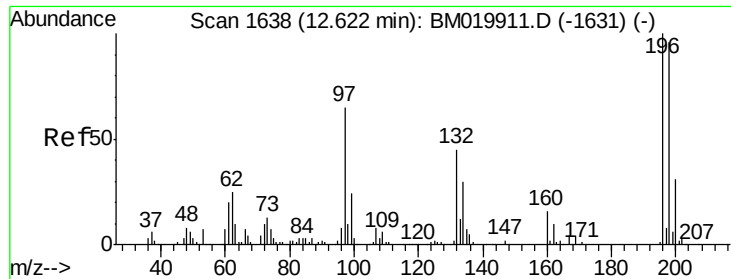
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



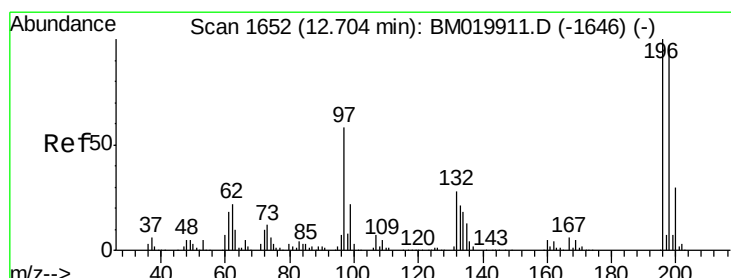
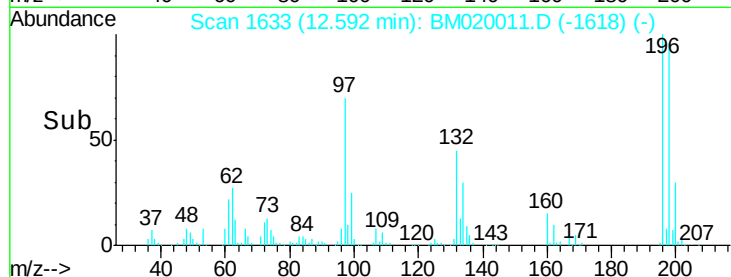
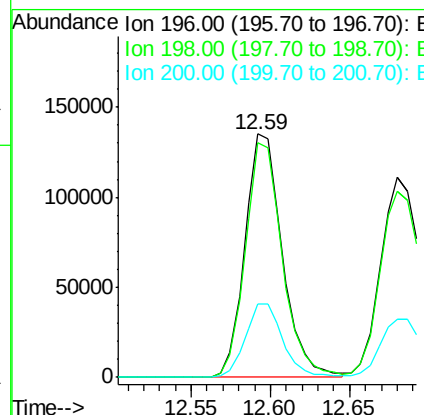
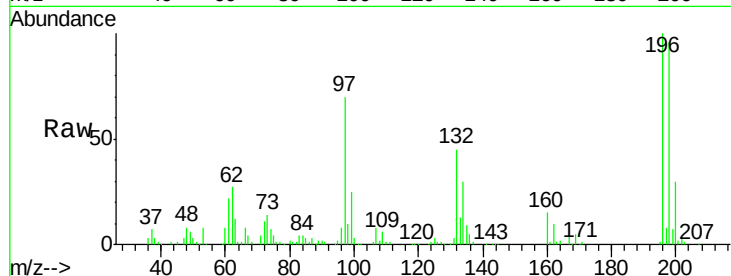




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.506 ng  
 RT: 12.59 min Scan# 1633  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

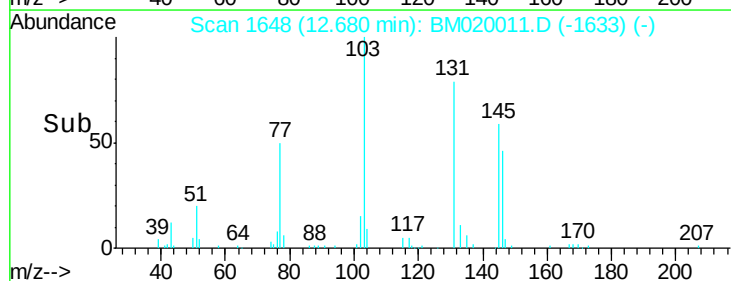
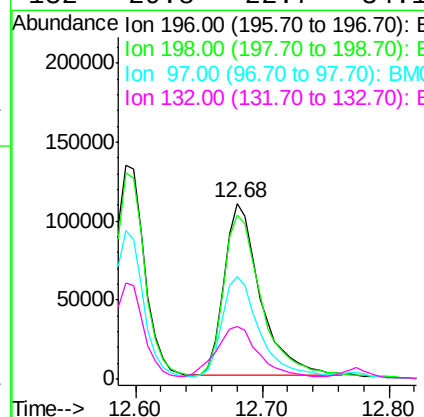
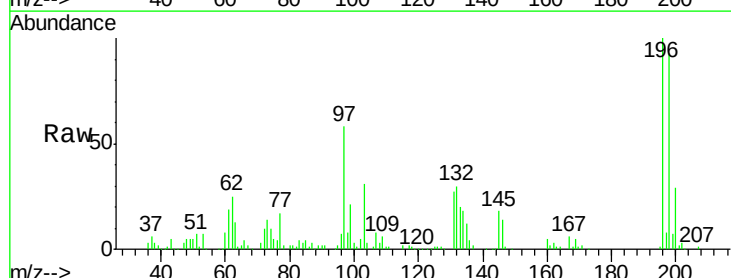
Instrument :  
 BNA\_M  
 ClientSampled :

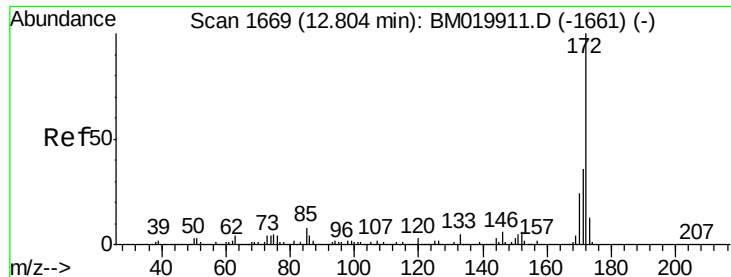
Tot Ion:196 Resp: 220928  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 76.8 115.2  
 200 30.1 24.6 37.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 46.010 ng  
 RT: 12.68 min Scan# 1648  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

Tgt Ion:196 Resp: 218107  
 Ion Ratio Lower Upper  
 196 100  
 198 93.0 77.8 116.8  
 97 58.4 46.2 69.2  
 132 29.8 22.7 34.1

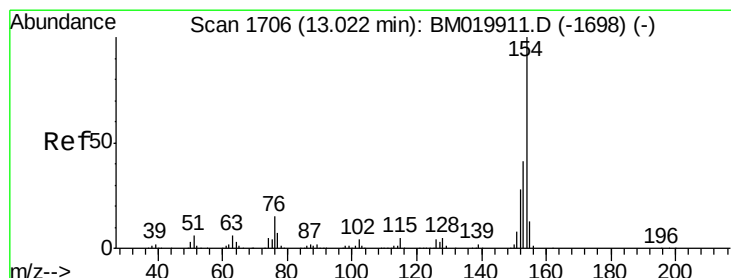
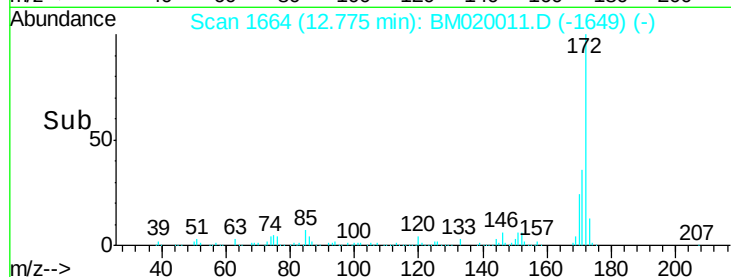
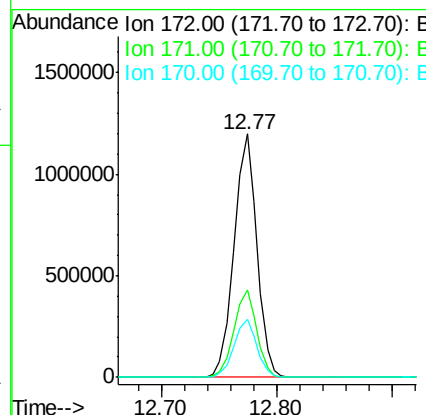
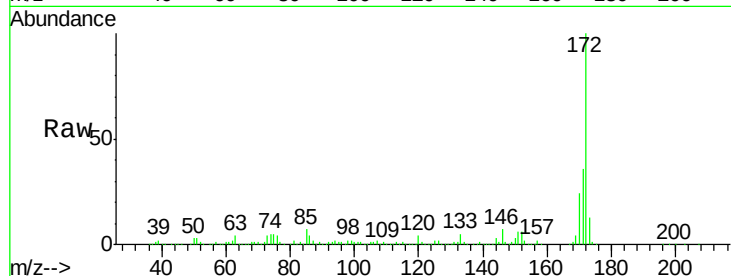




#45  
2-Fluorobiphenyl  
Concen: 93.570 ng  
RT: 12.77 min Scan# 1664  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

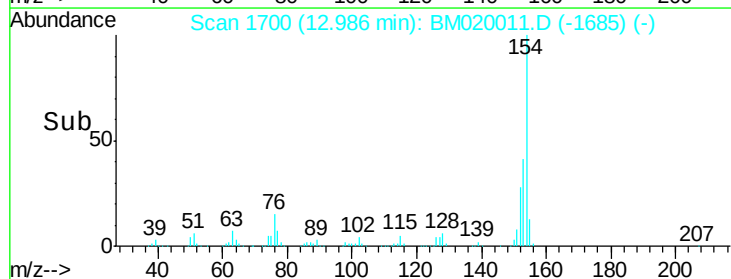
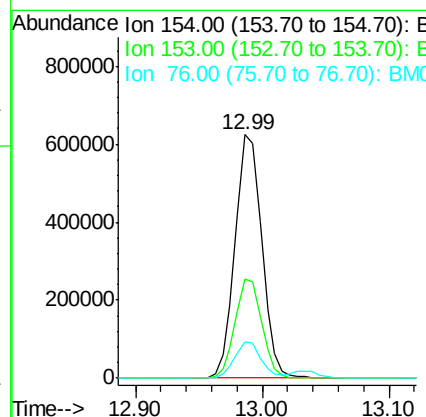
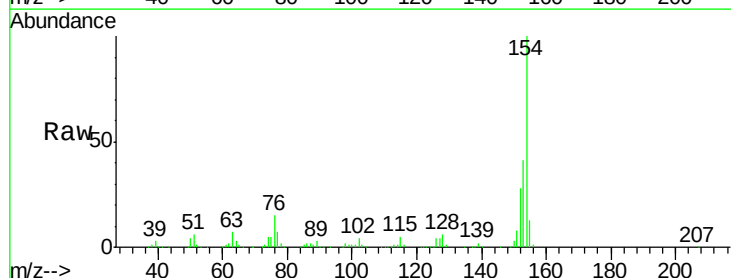
Instrument :  
BNA\_M  
ClientSampleId :

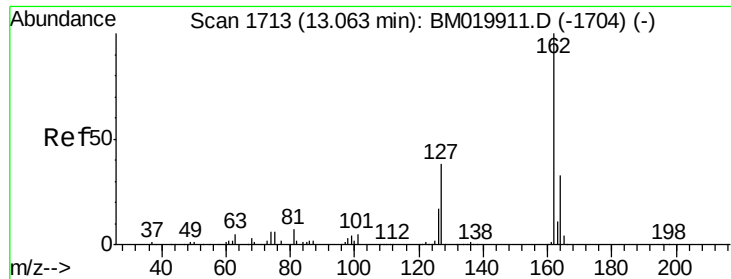
Tot Ion:172 Resp: 1635058  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.9 43.3  
170 23.6 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 48.268 ng  
RT: 12.99 min Scan# 1700  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:154 Resp: 910403  
Ion Ratio Lower Upper  
154 100  
153 40.6 21.0 61.0  
76 14.8 0.0 34.8

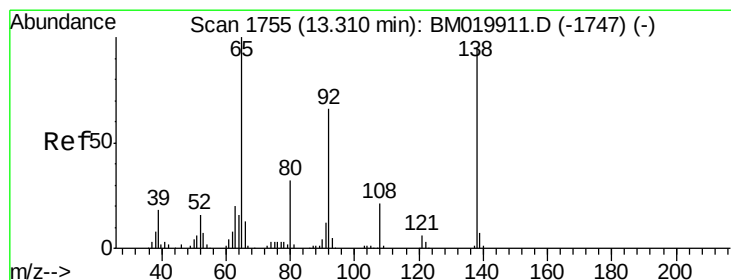
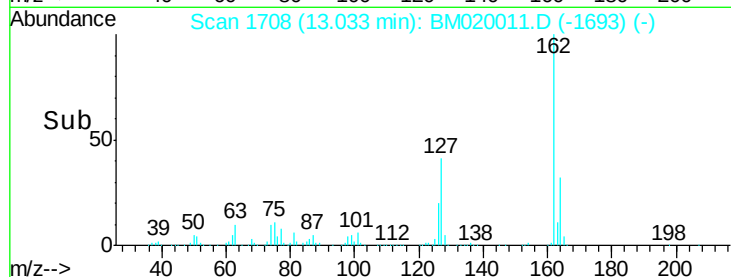
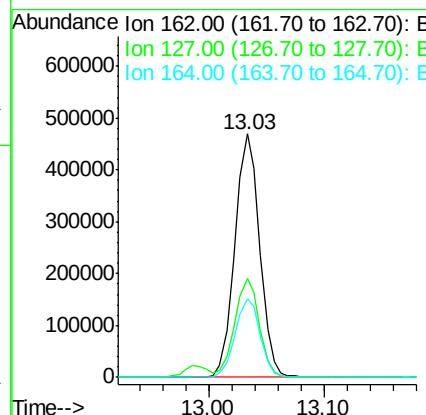
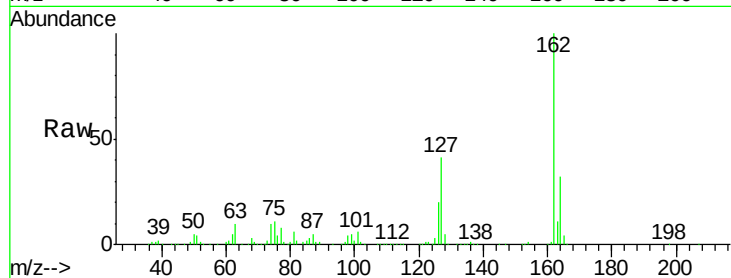




#47  
2-Chloronaphthalene  
Concen: 48.603 ng  
RT: 13.03 min Scan# 1708  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

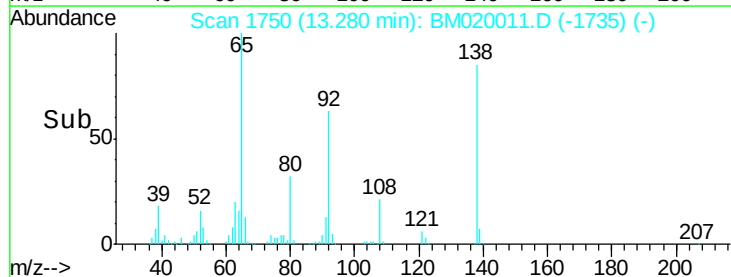
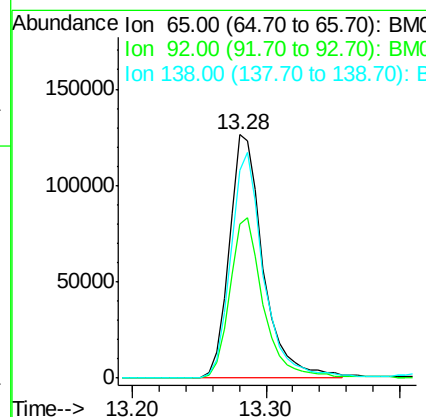
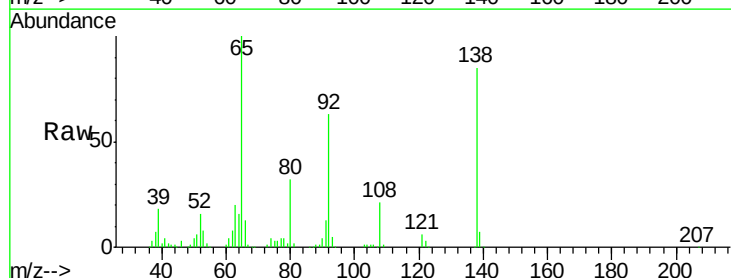
Instrument :  
BNA\_M  
ClientSampleId :

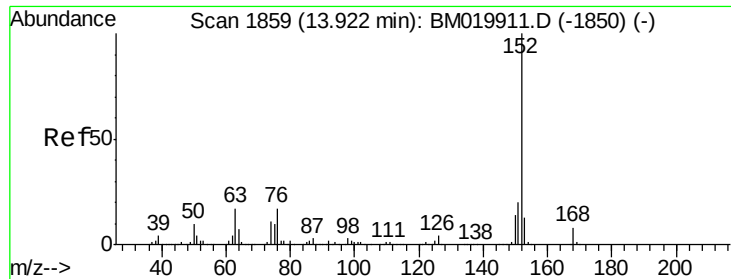
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.8  | 32.3  | 48.5  |
| 164     | 32.5  | 26.3  | 39.5  |



#48  
2-Nitroaniline  
Concen: 43.319 ng  
RT: 13.28 min Scan# 1750  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.5  | 52.9  | 79.3  |
| 138     | 85.1  | 75.8  | 113.6 |





#49

Acenaphthylene

Concen: 43.923 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

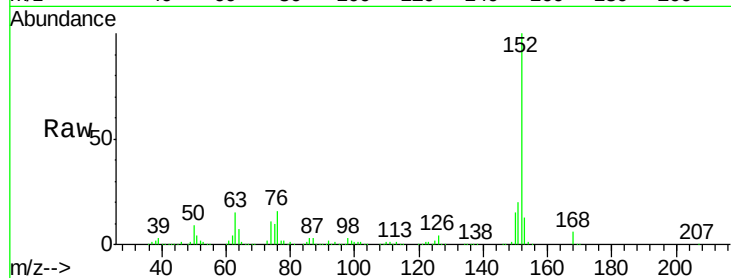
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 1099496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.0  | 16.2  | 24.2  |
| 153 | 12.9  | 10.6  | 16.0  |

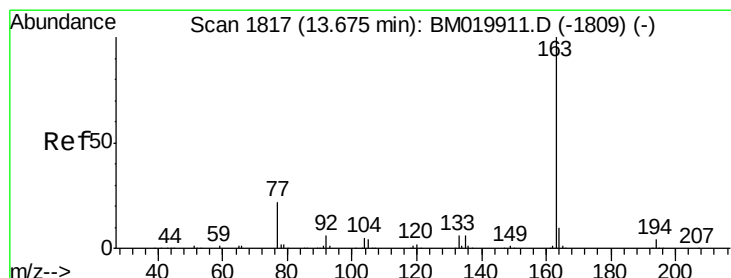
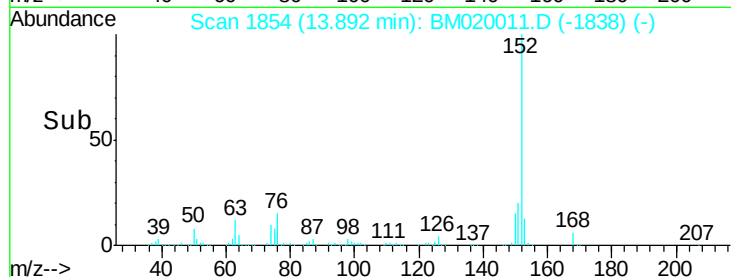
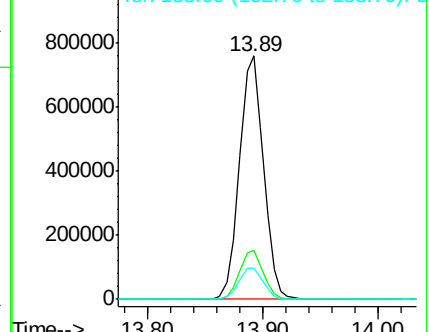


Abundance

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: 45.070 ng

RT: 13.65 min Scan# 1812

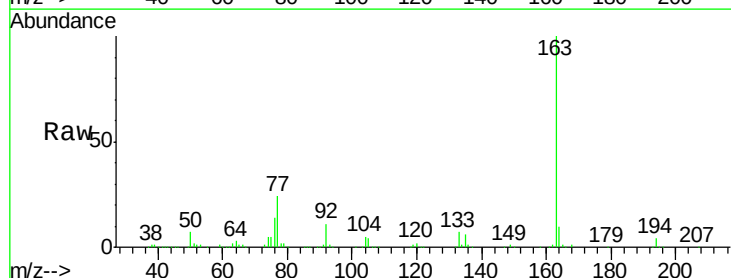
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:163 Resp: 865730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.1   | 4.7   |
| 164 | 10.0  | 7.9   | 11.9  |

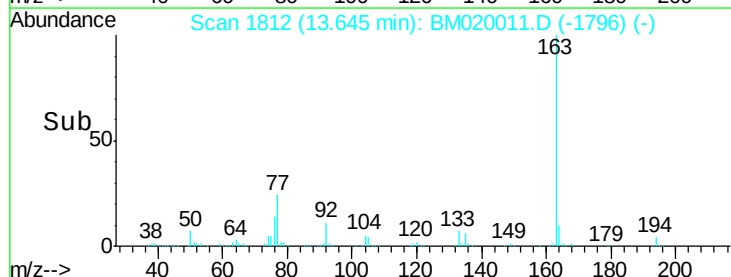
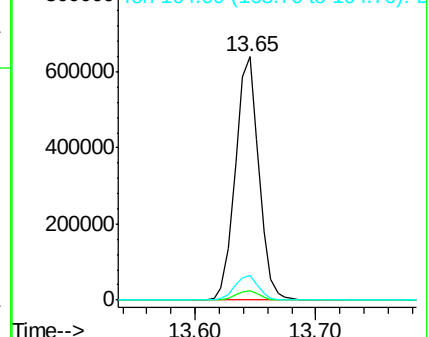


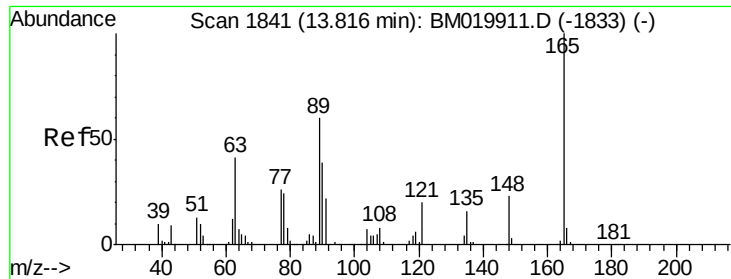
Abundance

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: 43.262 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

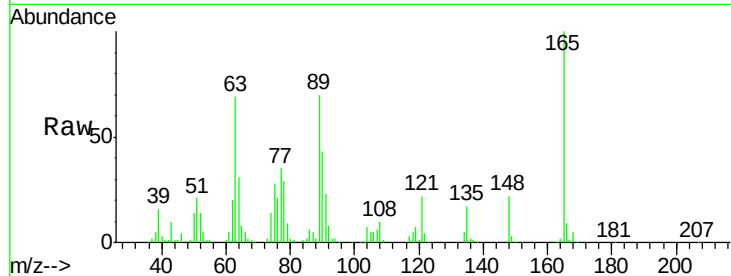
Tot Ion:165 Resp: 183760

Ion Ratio Lower Upper

165 100

63 69.1 48.5 72.7

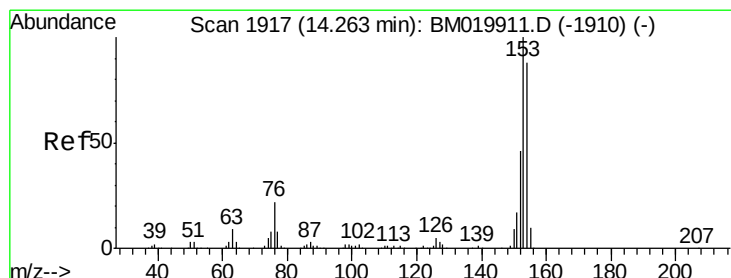
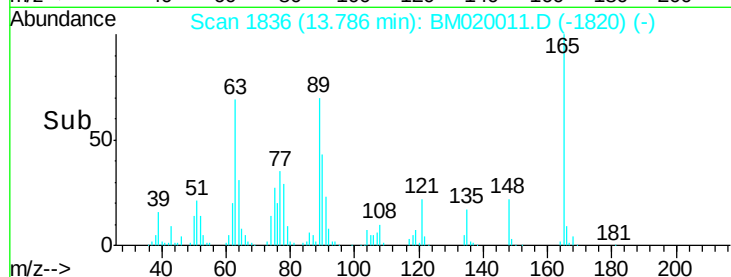
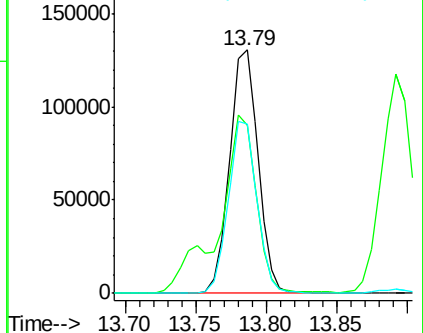
89 69.5 48.2 72.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 46.386 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

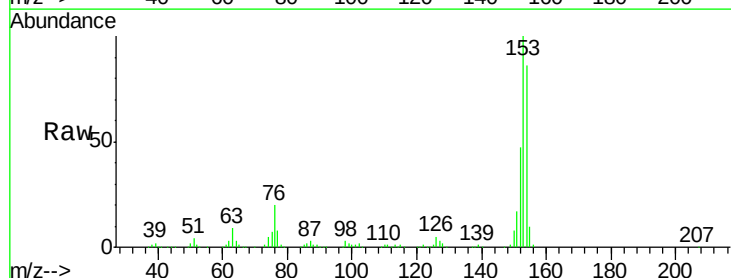
Tgt Ion:154 Resp: 643822

Ion Ratio Lower Upper

154 100

153 116.2 91.0 136.4

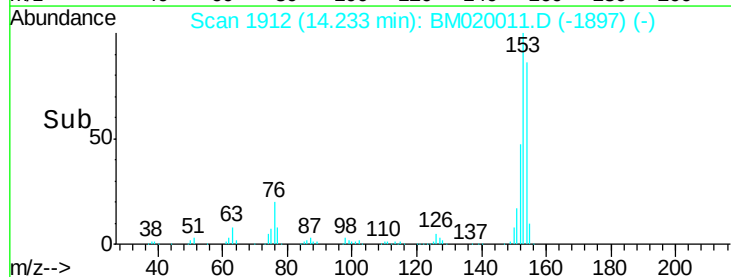
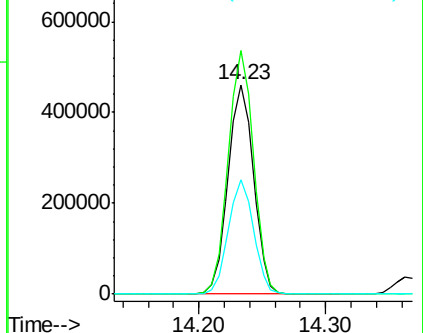
152 54.7 42.2 63.2

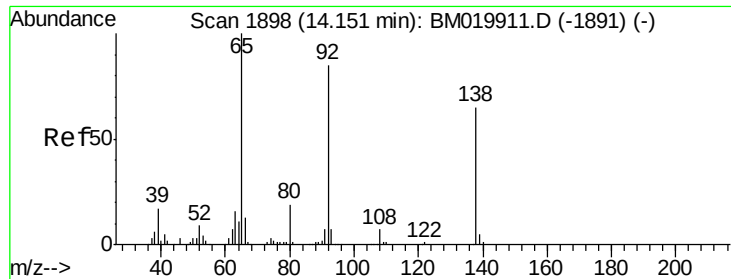


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

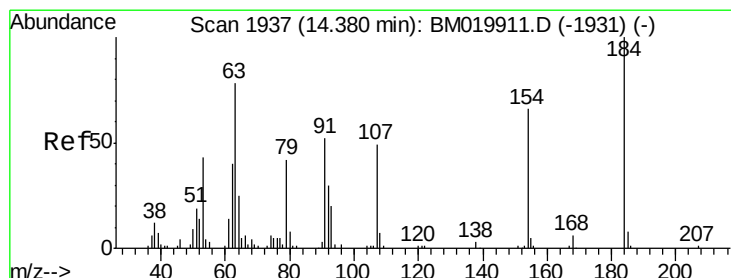
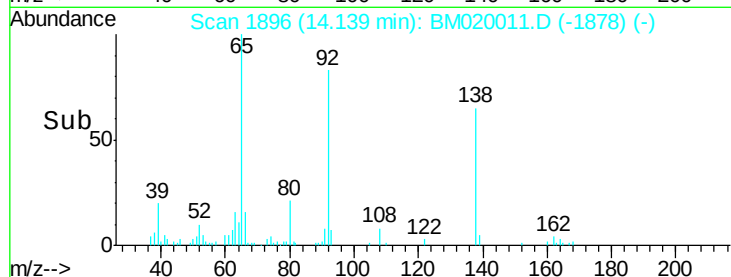
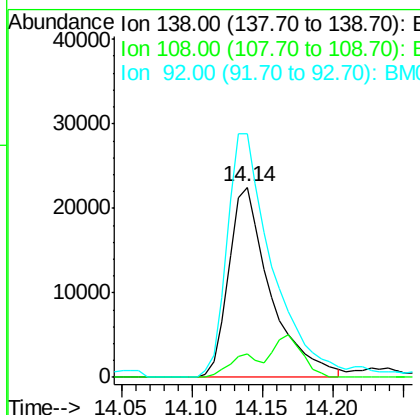
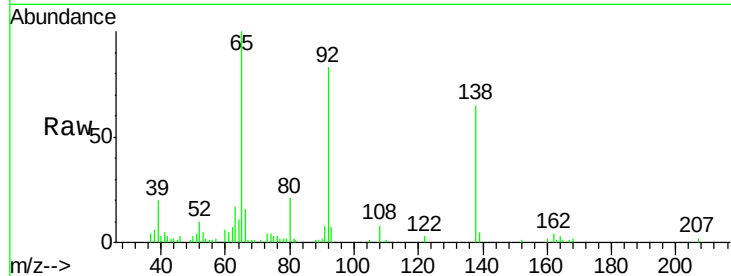




#53  
 3-Nitroaniline  
 Concen: 10.964 ng  
 RT: 14.14 min Scan# 1896  
 Delta R.T. 0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

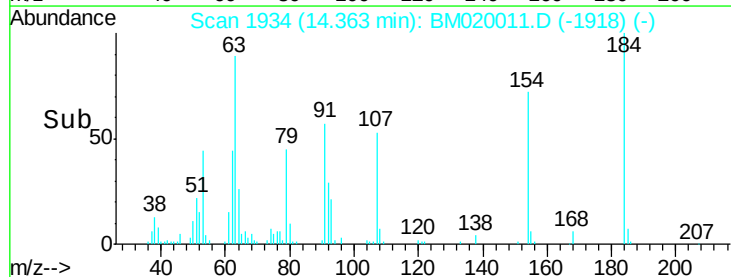
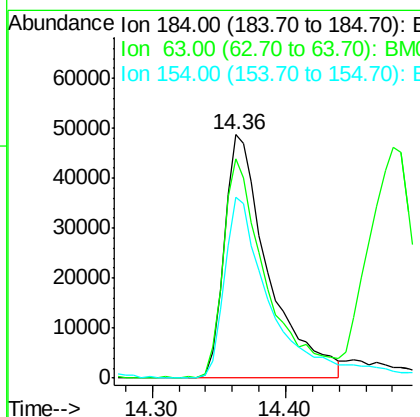
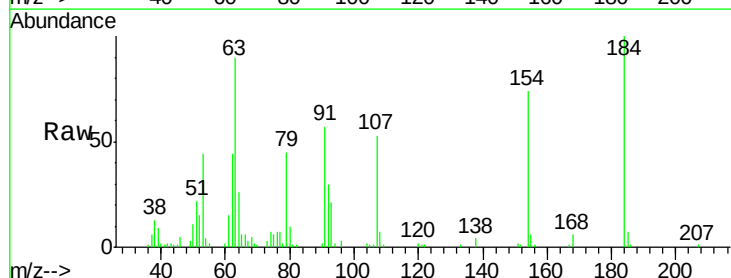
Instrument :  
 BNA\_M  
 ClientSampleId :

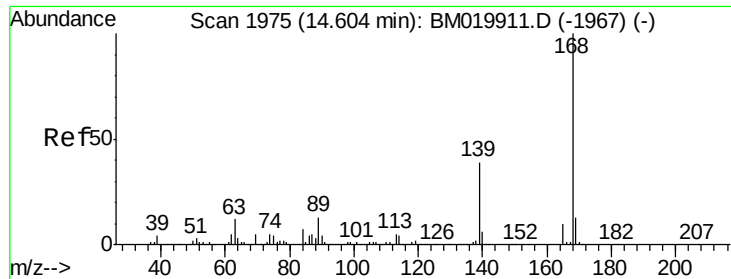
Tot Ion:138 Resp: 46502  
 Ion Ratio Lower Upper  
 138 100  
 108 12.6 8.9 13.3  
 92 128.2 103.8 155.8



#54  
 2,4-Dinitrophenol  
 Concen: 47.494 ng  
 RT: 14.36 min Scan# 1934  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

Tgt Ion:184 Resp: 111964  
 Ion Ratio Lower Upper  
 184 100  
 63 89.9 62.3 93.5  
 154 74.4 53.0 79.6

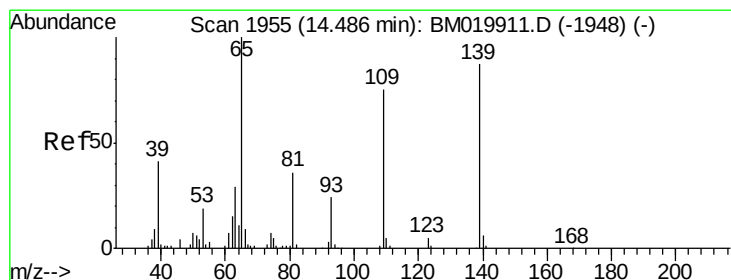
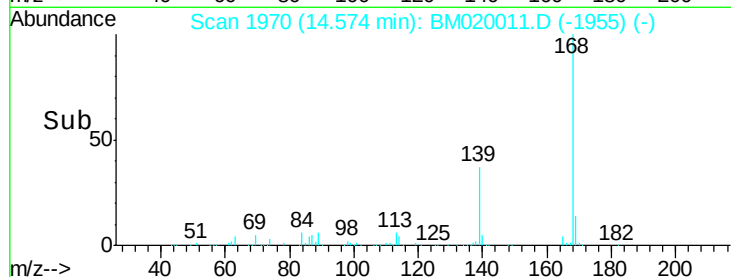
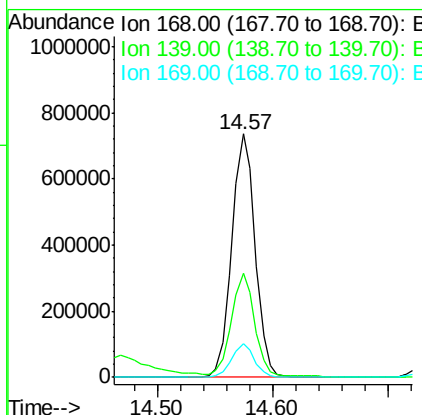
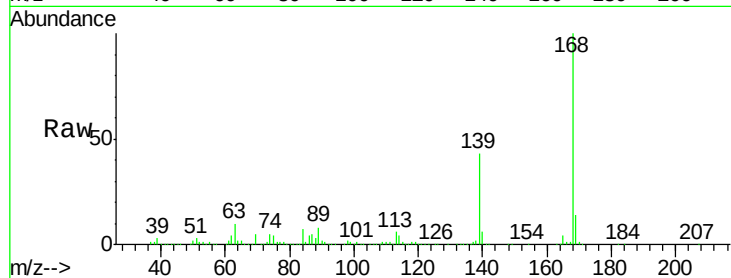




#55  
Dibenzofuran  
Concen: 45.292 ng  
RT: 14.57 min Scan# 1970  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

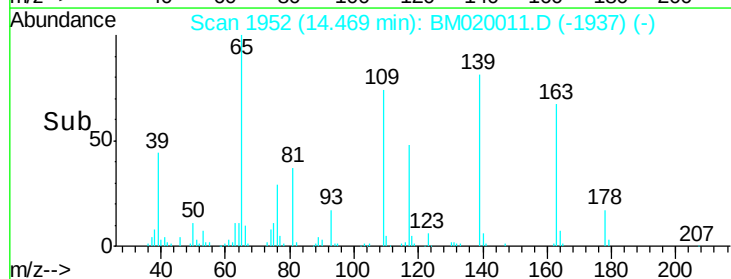
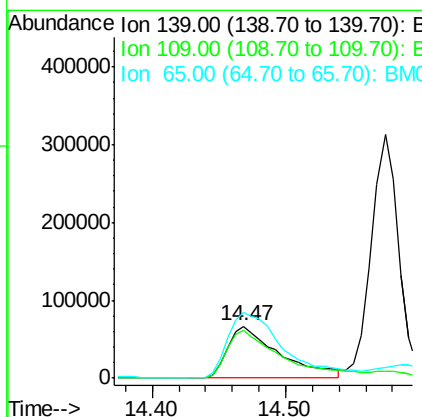
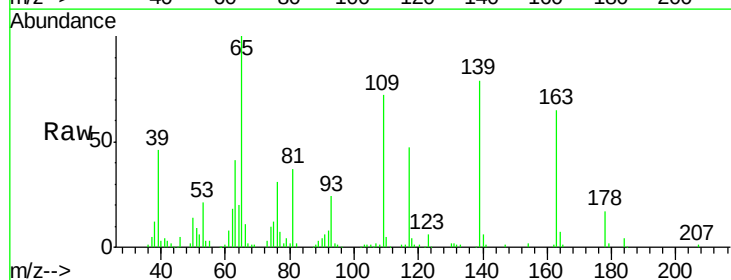
Instrument :  
BNA\_M  
ClientSampleId :

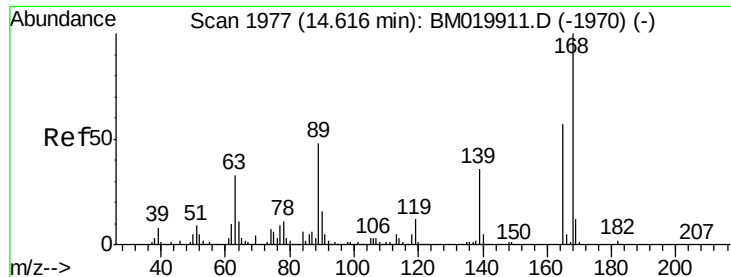
Tot Ion:168 Resp: 1027972  
Ion Ratio Lower Upper  
168 100  
139 42.5 31.5 47.3  
169 13.8 10.6 16.0



#56  
4-Nitrophenol  
Concen: 55.618 ng  
RT: 14.47 min Scan# 1952  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:139 Resp: 179686  
Ion Ratio Lower Upper  
139 100  
109 91.5 65.3 105.3  
65 126.9 94.9 134.9

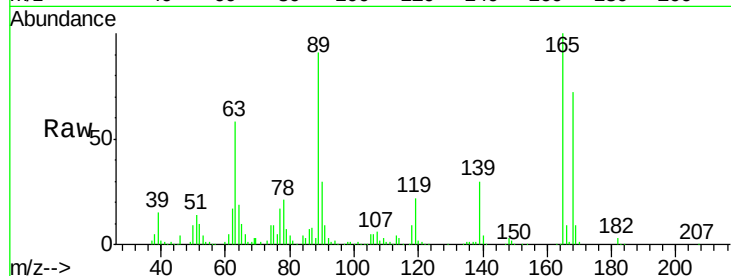




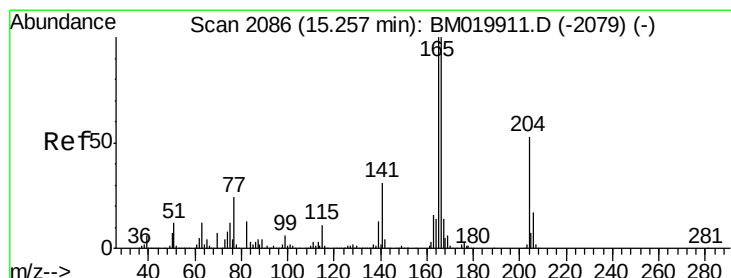
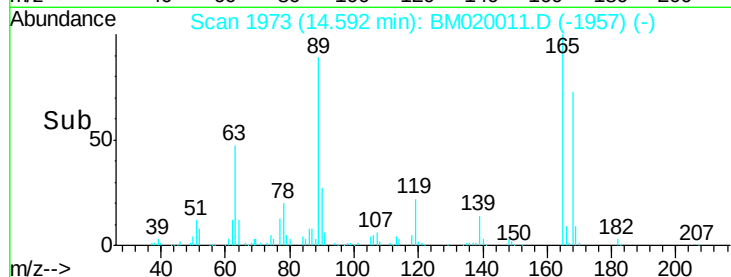
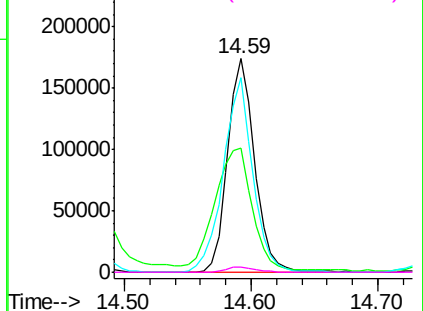
#57  
 2,4-Dinitrotoluene  
 Concen: 41.728 ng  
 RT: 14.59 min Scan# 1973  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:165 Resp: 254775  
 Ion Ratio Lower Upper  
 165 100  
 63 58.0 46.0 69.0  
 89 90.8 67.5 101.3  
 182 2.7 2.4 3.6

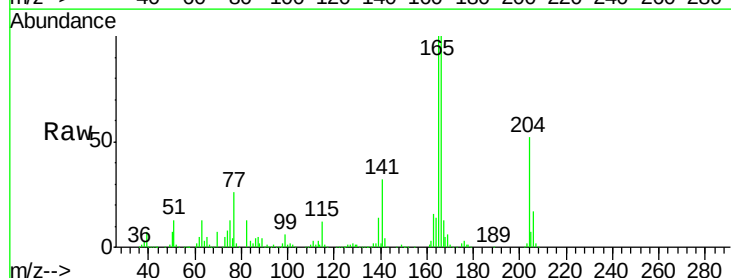


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM0  
 Ion 89.00 (88.70 to 89.70): BM0  
 Ion 182.00 (181.70 to 182.70): E

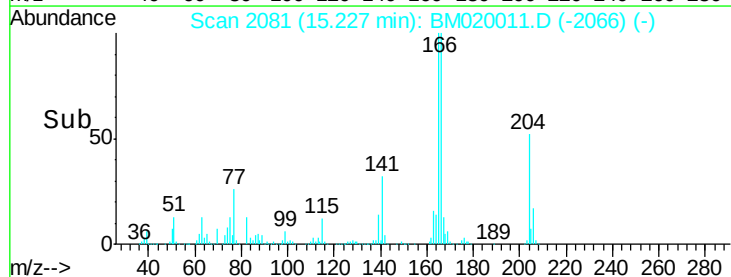
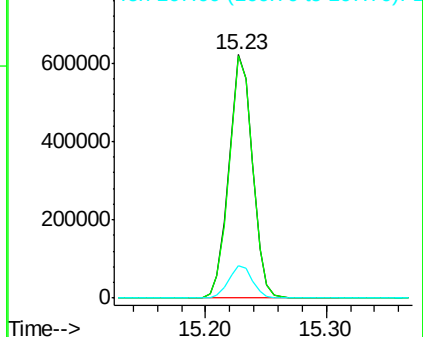


#58  
 Fluorene  
 Concen: 43.850 ng  
 RT: 15.23 min Scan# 2081  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

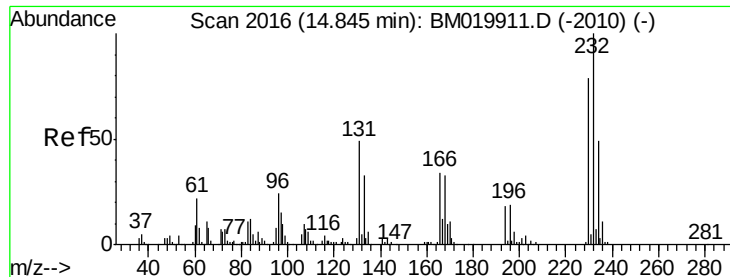
Tgt Ion:166 Resp: 843313  
 Ion Ratio Lower Upper  
 166 100  
 165 99.8 80.1 120.1  
 167 13.4 11.0 16.4



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



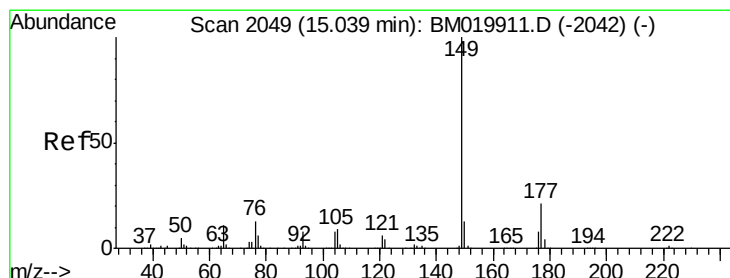
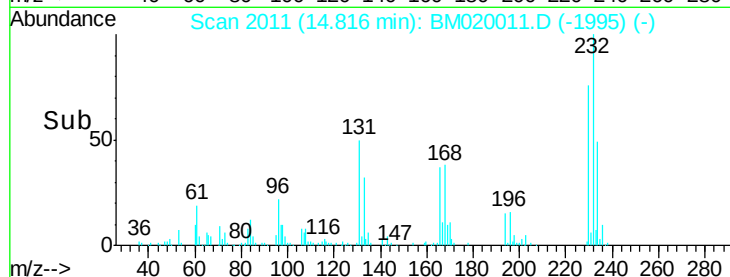
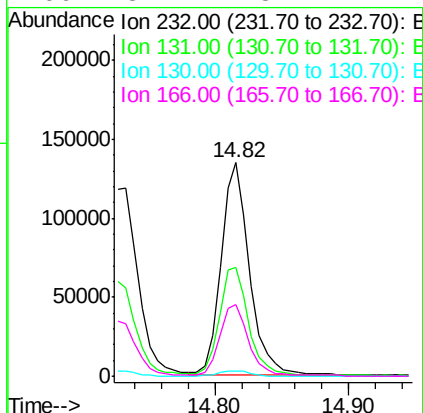
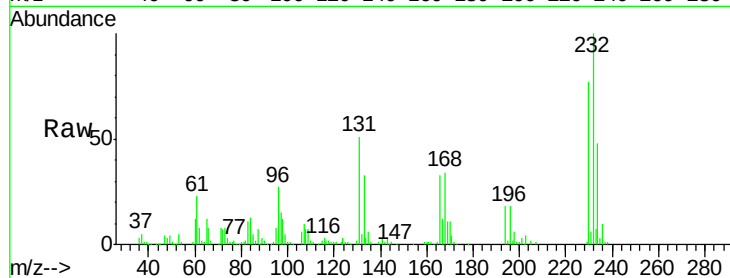




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.923 ng  
 RT: 14.82 min Scan# 2011  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

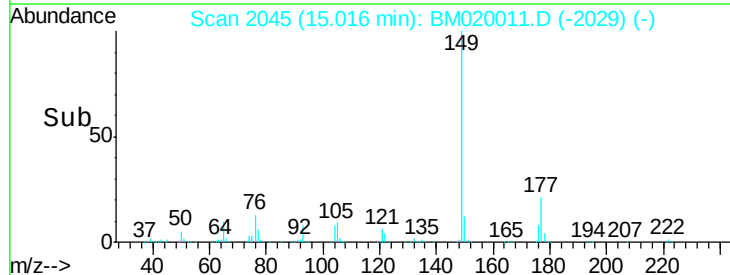
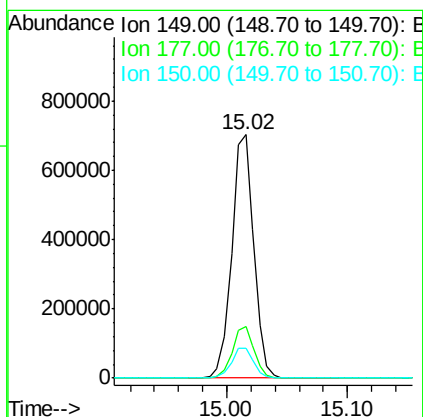
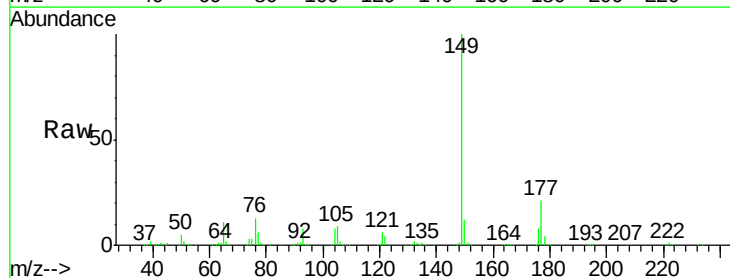
Instrument :  
 BNA\_M  
 ClientSampleId :

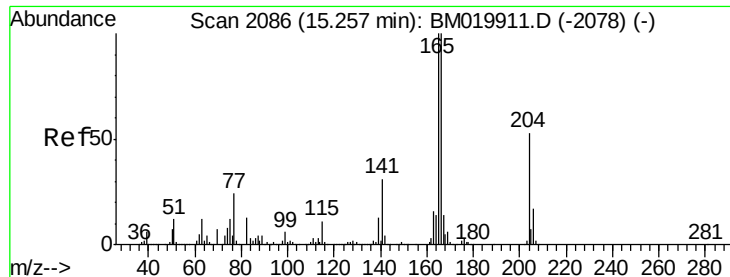
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 198633 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 52.3  | 42.1  | 63.1   |
| 130      | 2.9   | 2.2   | 3.4    |
| 166      | 34.1  | 28.1  | 42.1   |



#60  
 Diethylphthalate  
 Concen: 44.539 ng  
 RT: 15.02 min Scan# 2045  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 889793 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.0  | 16.6  | 25.0   |
| 150      | 12.4  | 10.0  | 15.0   |

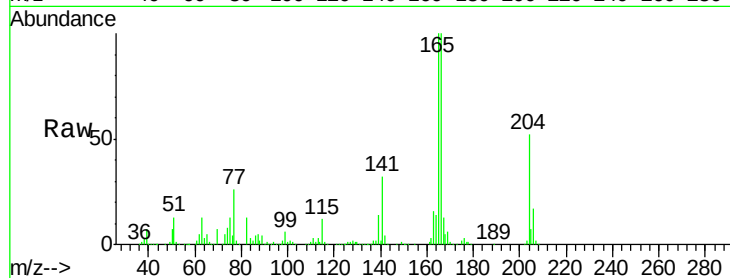




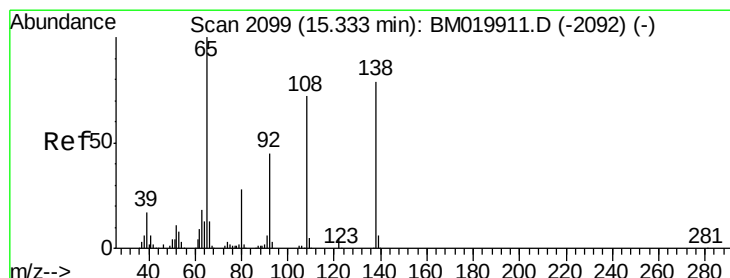
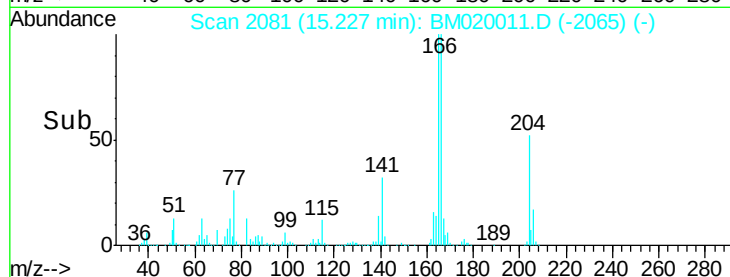
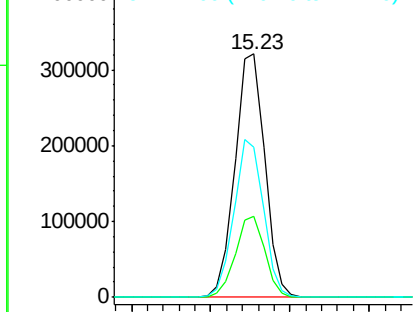
#61  
4-Chlorophenyl-phenylether  
Concen: 45.286 ng  
RT: 15.23 min Scan# 2081  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:204 Resp: 419331  
Ion Ratio Lower Upper  
204 100  
206 33.2 25.8 38.8  
141 61.6 47.0 70.4

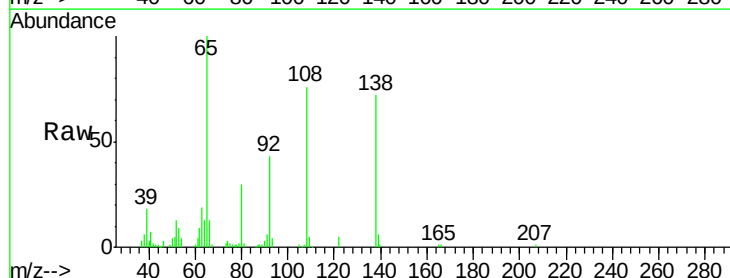


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

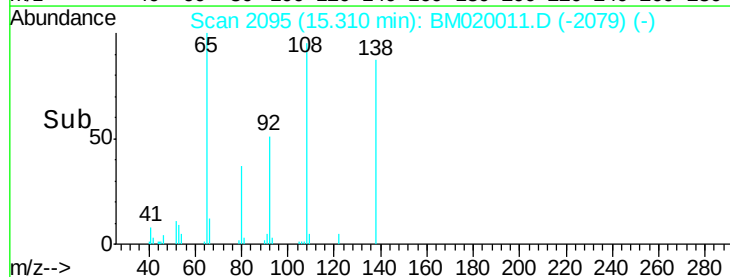
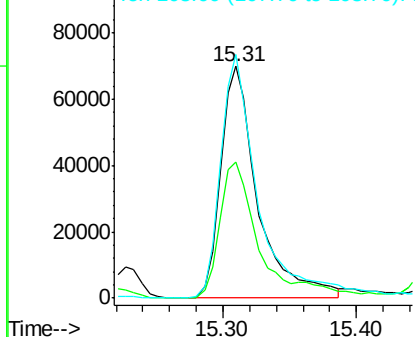


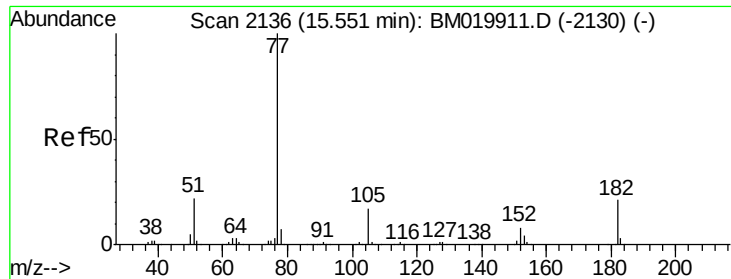
#62  
4-Nitroaniline  
Concen: 32.565 ng  
RT: 15.31 min Scan# 2095  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:138 Resp: 136080  
Ion Ratio Lower Upper  
138 100  
92 58.7 36.8 76.8  
108 105.1 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

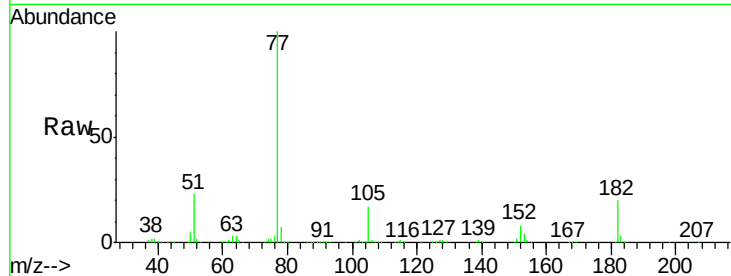




#63  
Azobenzene  
Concen: 45.864 ng  
RT: 15.52 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 979295 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 20.1  | 1.0   | 41.0   |
| 105      | 16.7  | 0.0   | 37.1   |
| 51       | 22.7  | 2.1   | 42.1   |

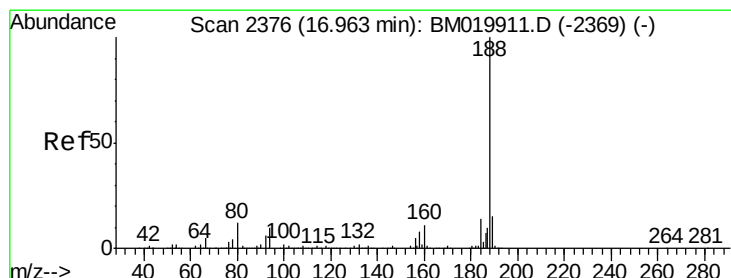
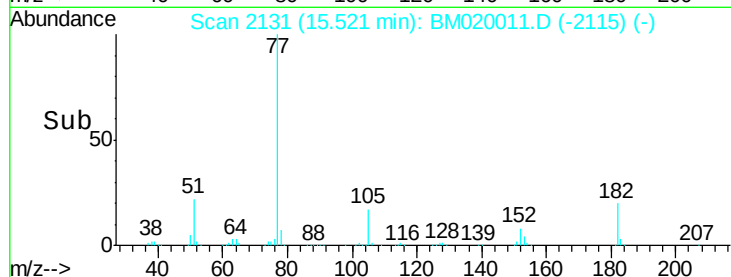
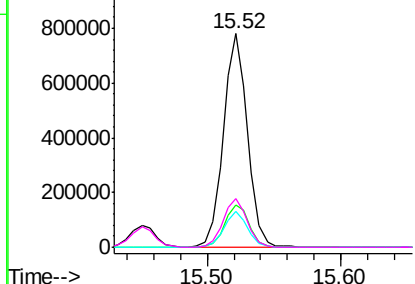


Abundance Ion 77.00 (76.70 to 77.70): BM020011.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM020011.D (-2130) (-)

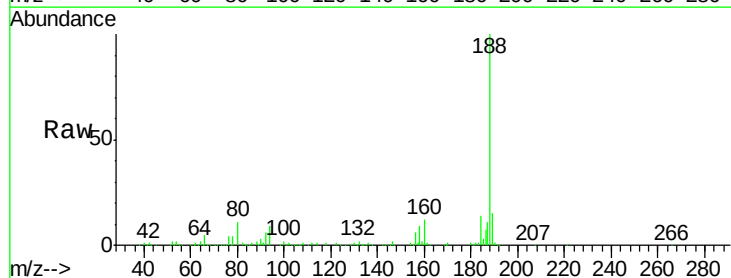
Ion 105.00 (104.70 to 105.70): BM020011.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM020011.D (-2130) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.93 min Scan# 2371  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

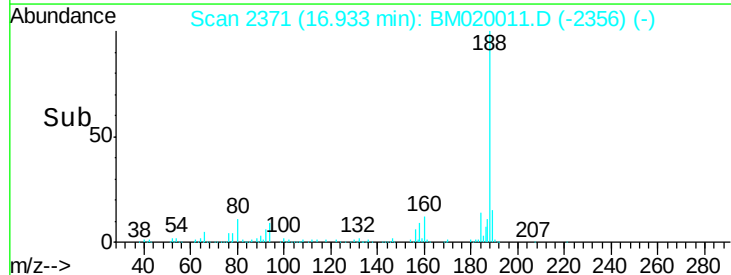
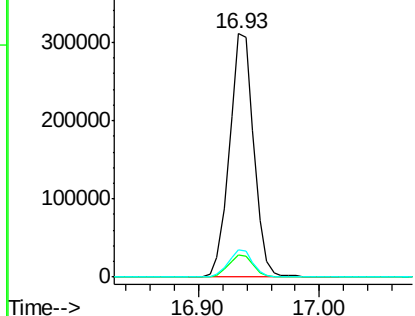
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 436343 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.4   | 7.6   | 11.4   |
| 80       | 11.2  | 9.4   | 14.0   |

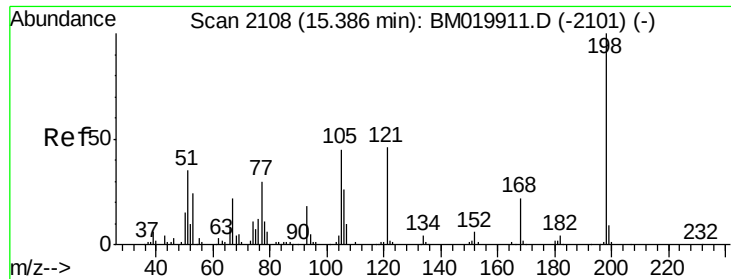


Abundance Ion 188.00 (187.70 to 188.70): BM020011.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM020011.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM020011.D (-2369) (-)

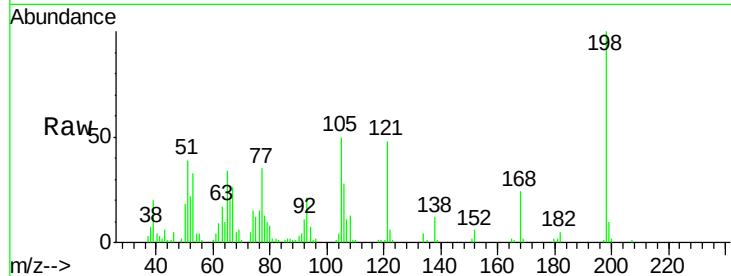




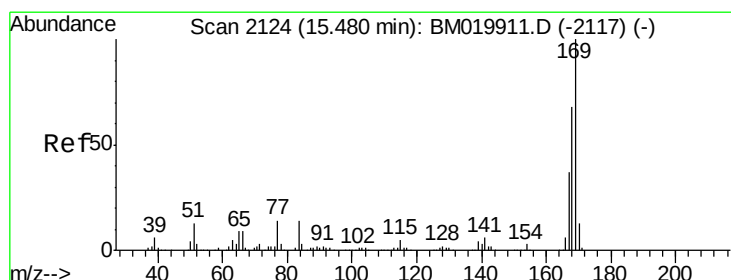
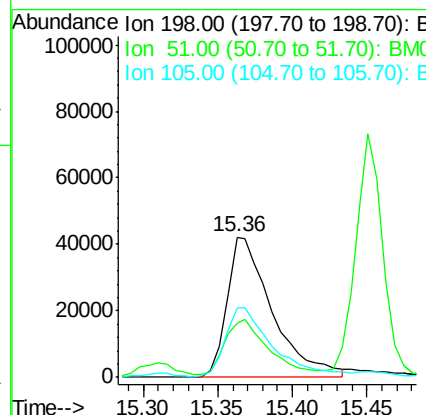
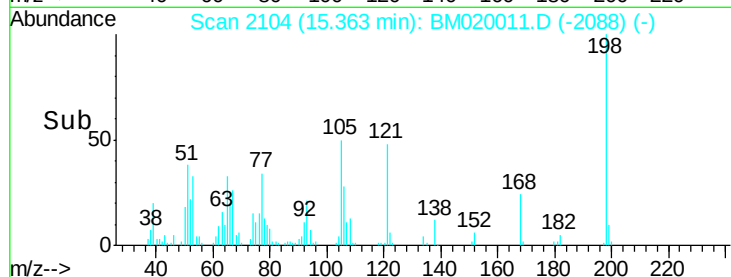
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 32.054 ng  
 RT: 15.36 min Scan# 2104  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:198 Resp: 89238  
 Ion Ratio Lower Upper  
 198 100  
 51 38.7 17.9 57.9  
 105 49.7 26.1 66.1

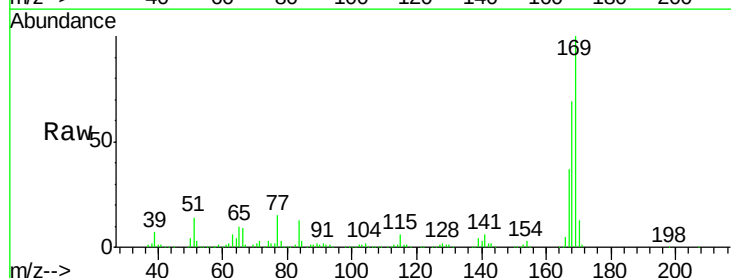


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BM0  
 Ion 105.00 (104.70 to 105.70): E

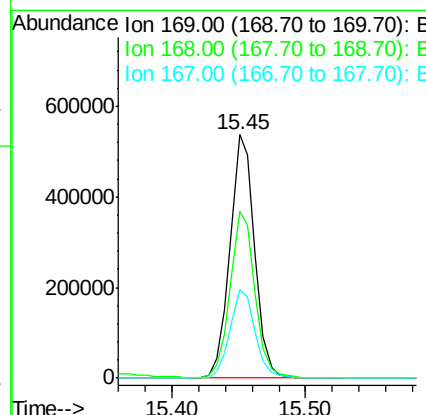
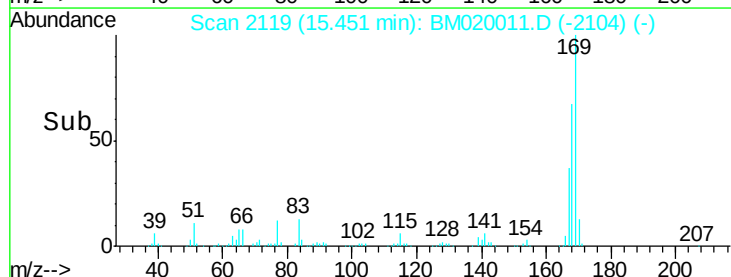


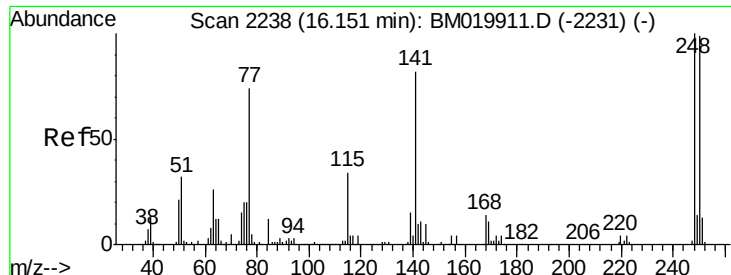
#66  
 n-Nitrosodiphenylamine  
 Concen: 48.949 ng  
 RT: 15.45 min Scan# 2119  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

Tgt Ion:169 Resp: 698272  
 Ion Ratio Lower Upper  
 169 100  
 168 68.8 54.7 82.1  
 167 36.7 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

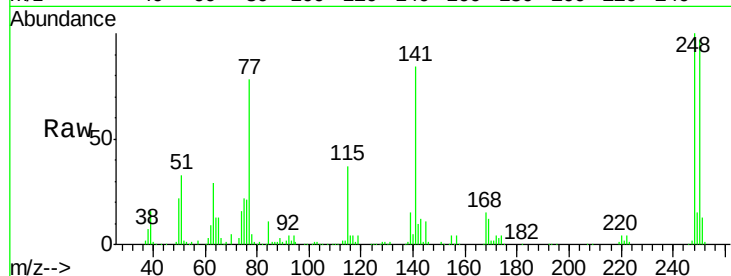




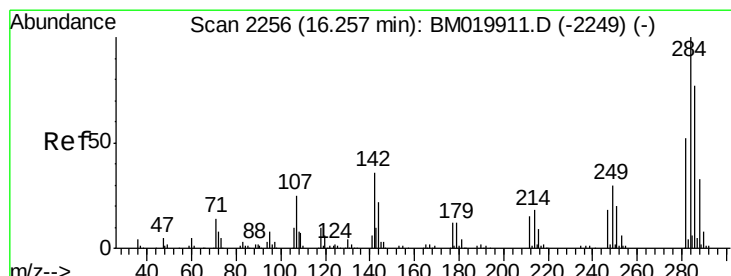
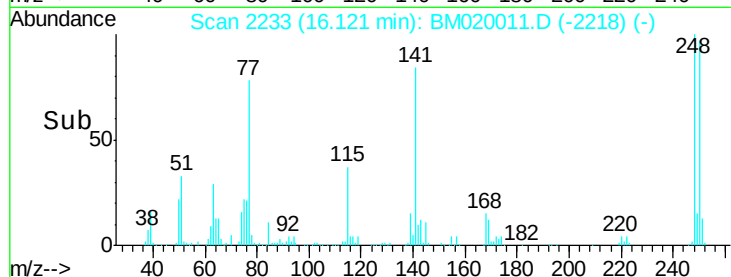
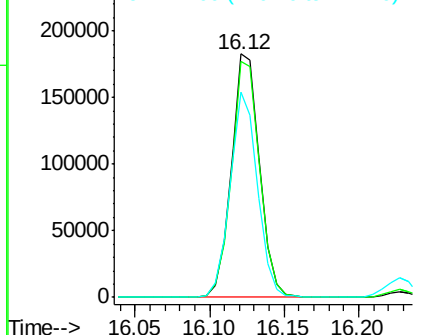
#67  
4-Bromophenyl-phenylether  
Concen: 48.091 ng  
RT: 16.12 min Scan# 2233  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:248 Resp: 241259  
Ion Ratio Lower Upper  
248 100  
250 97.0 78.9 118.3  
141 84.4 65.6 98.4

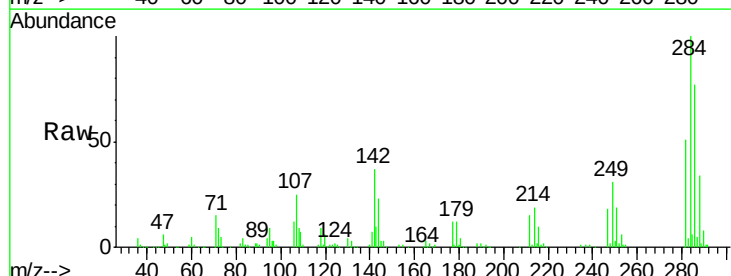


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

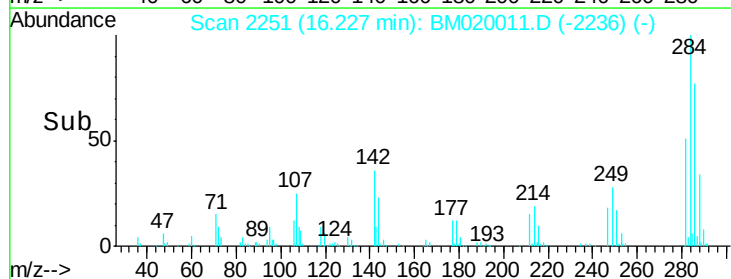
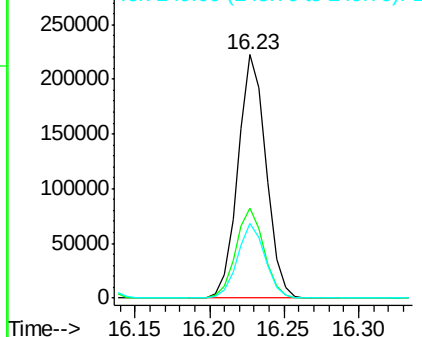


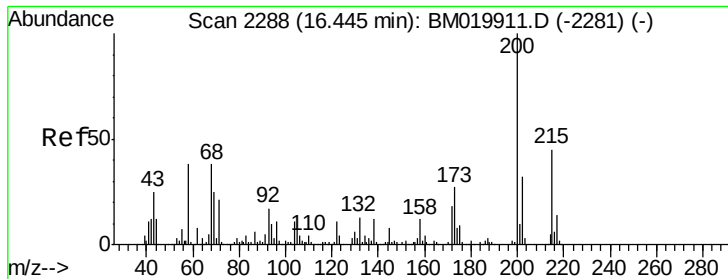
#68  
Hexachlorobenzene  
Concen: 48.125 ng  
RT: 16.23 min Scan# 2251  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:284 Resp: 289686  
Ion Ratio Lower Upper  
284 100  
142 37.2 28.9 43.3  
249 30.8 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: 48.341 ng

RT: 16.42 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

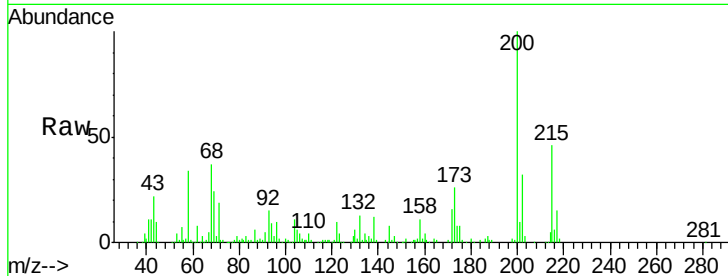
Tot Ion:200 Resp: 234098

Ion Ratio Lower Upper

200 100

173 26.2 7.2 47.2

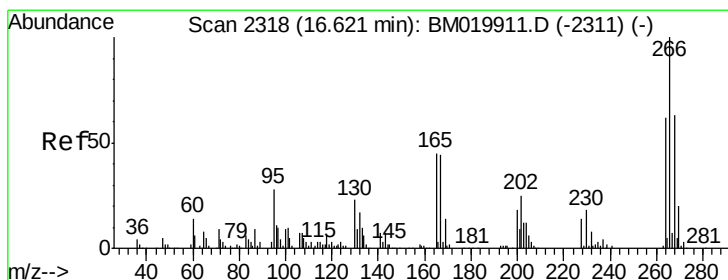
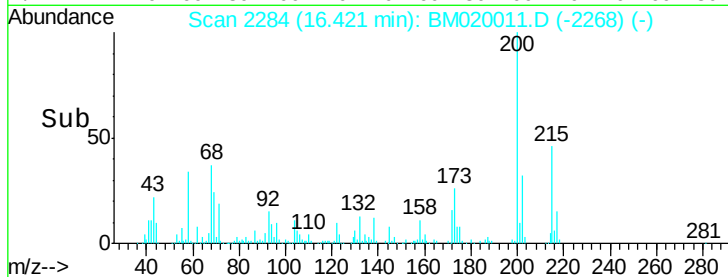
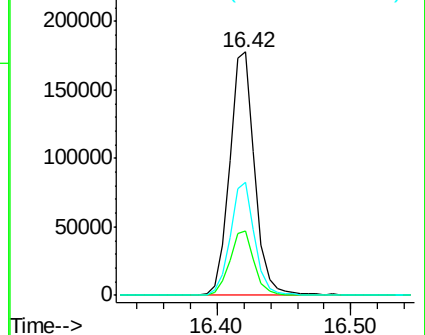
215 46.2 25.4 65.4



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: 83.654 ng

RT: 16.59 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

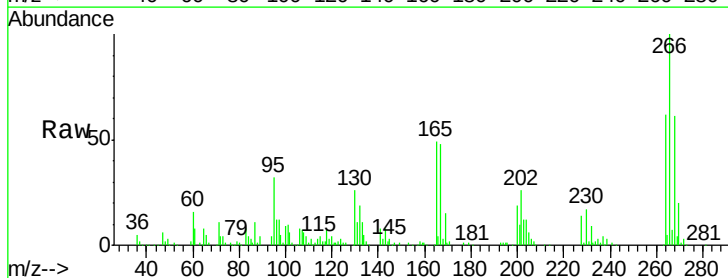
Tgt Ion:266 Resp: 257287

Ion Ratio Lower Upper

266 100

268 61.2 50.3 75.5

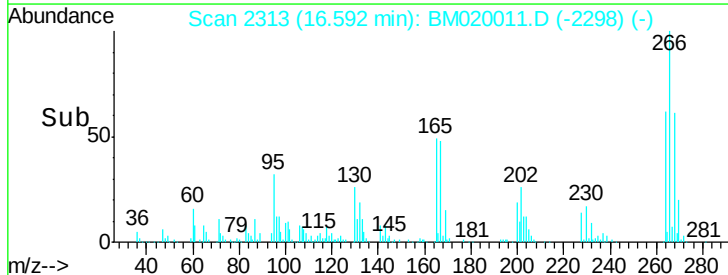
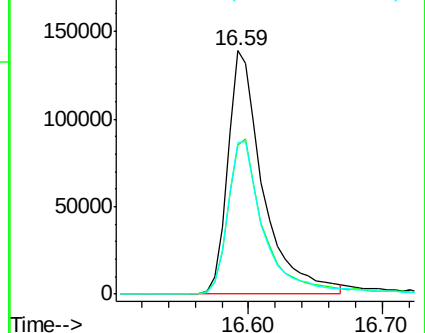
264 62.2 49.8 74.8

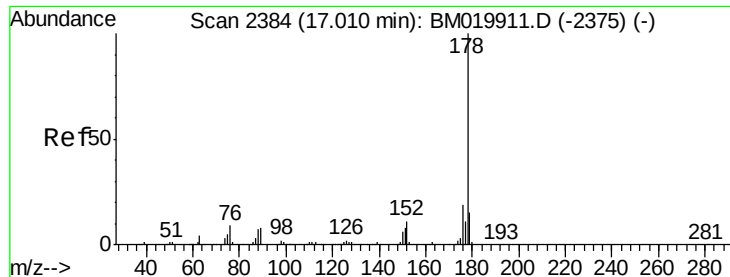


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

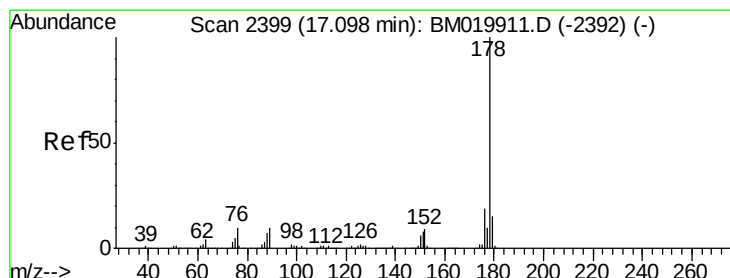
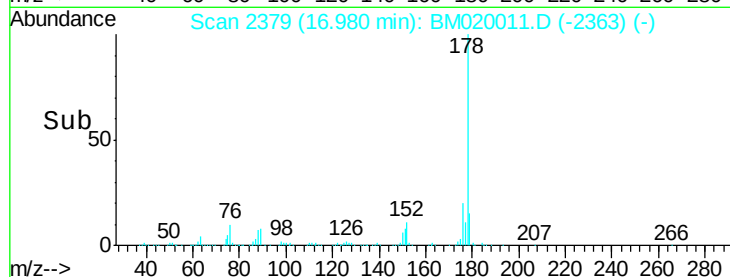
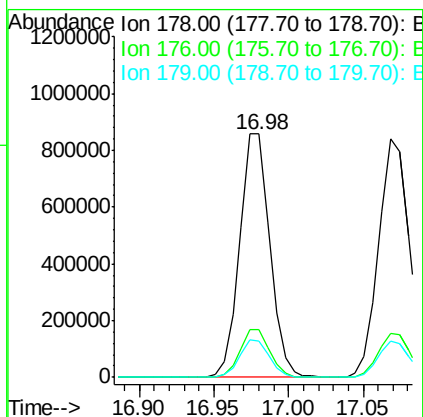
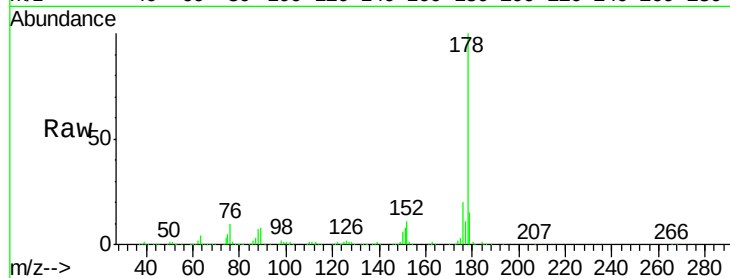




#71  
Phenanthrene  
Concen: 46.498 ng  
RT: 16.98 min Scan# 2379  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

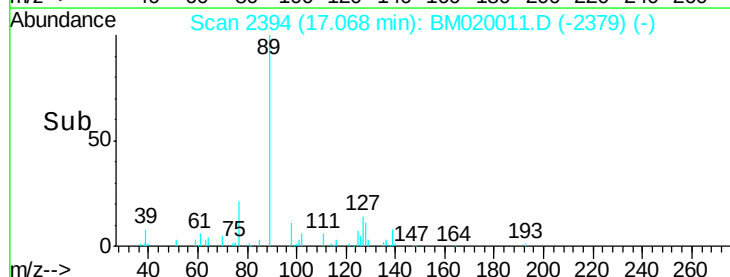
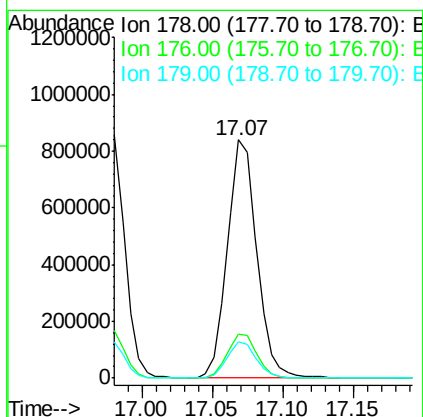
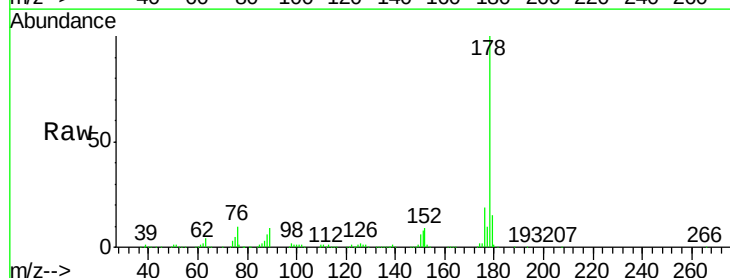
Instrument :  
BNA\_M  
ClientSampled :

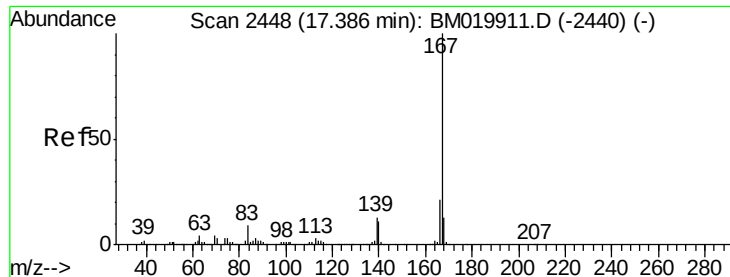
Tot Ion:178 Resp: 1204008  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.2 22.8  
179 15.1 12.2 18.4



#72  
Anthracene  
Concen: 47.012 ng  
RT: 17.07 min Scan# 2394  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:178 Resp: 1211771  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.3 12.2 18.4





#73

Carbazole

Concen: 43.650 ng

RT: 17.36 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

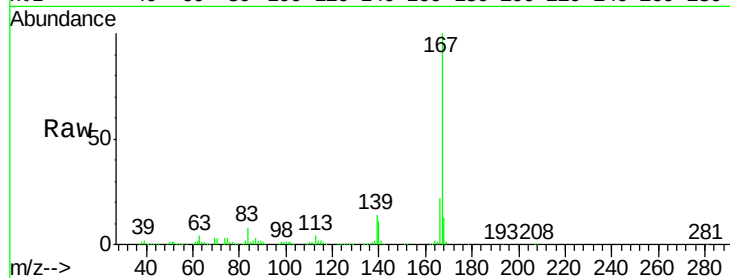
Tot Ion:167 Resp: 1050438

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

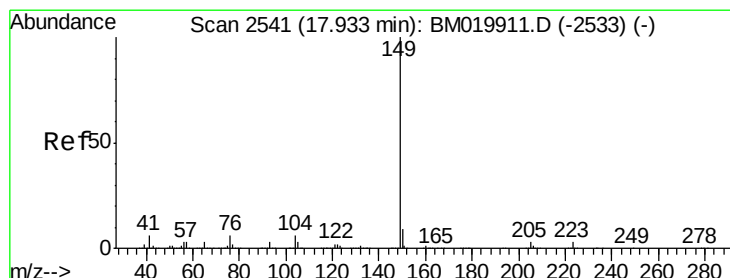
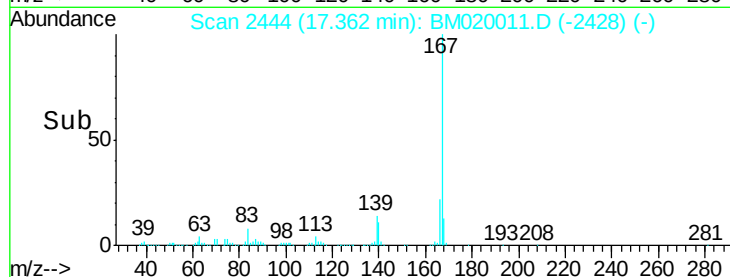
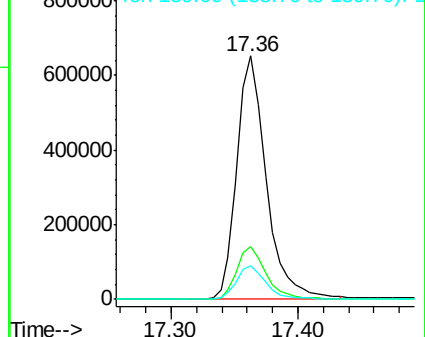
139 14.1 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.295 ng

RT: 17.90 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

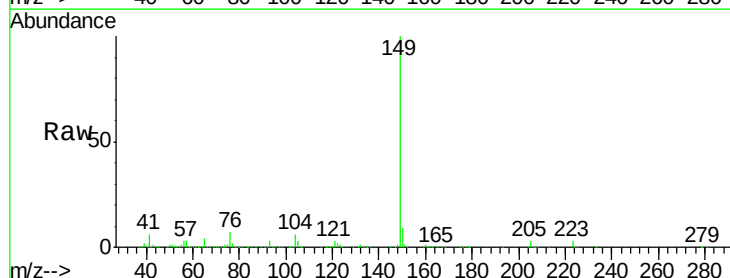
Tgt Ion:149 Resp: 1463136

Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

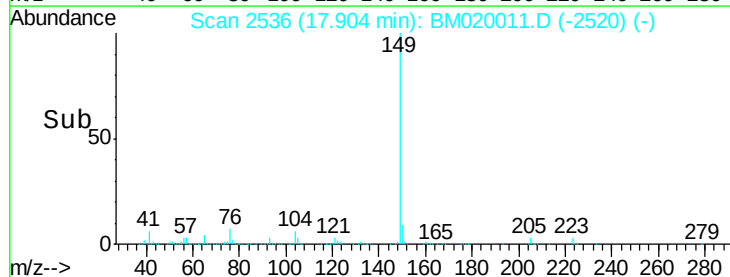
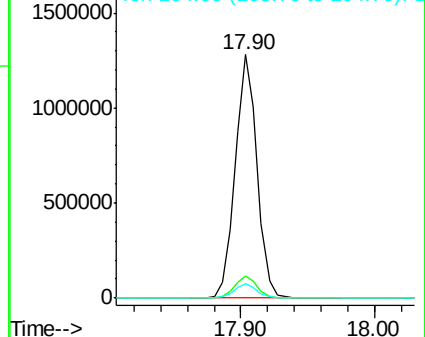
104 6.1 4.6 7.0



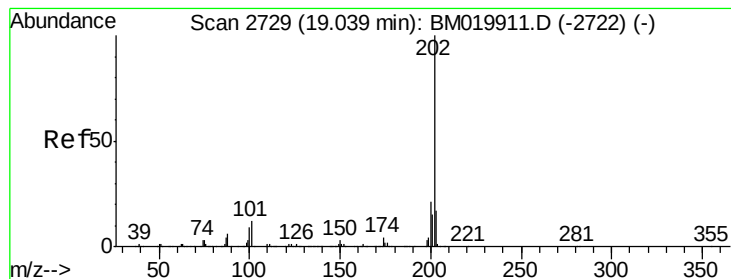
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E







#75

Fluoranthene

Concen: 43.812 ng

RT: 19.02 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

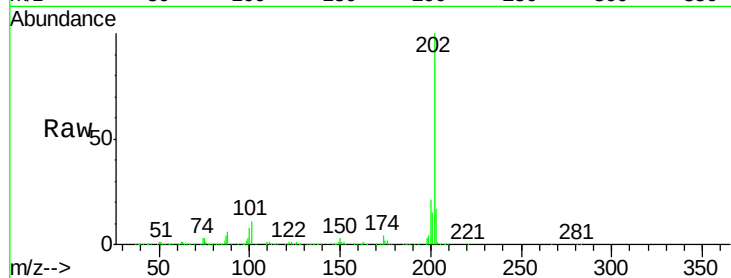
Tot Ion:202 Resp: 1305556

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.7

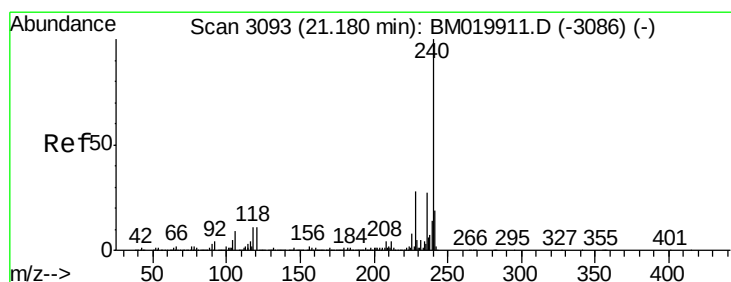
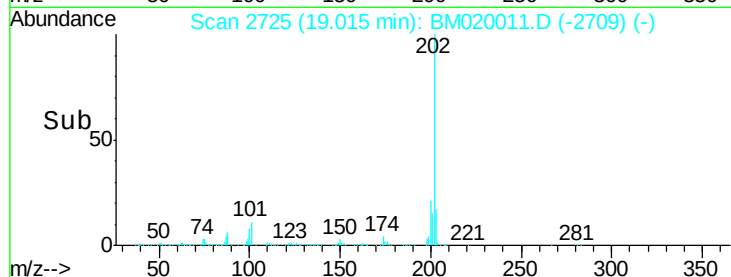
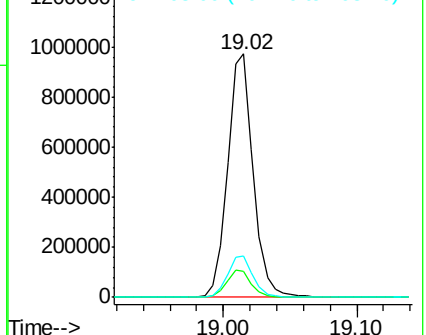
203 17.2 0.0 37.4



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# 3089

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

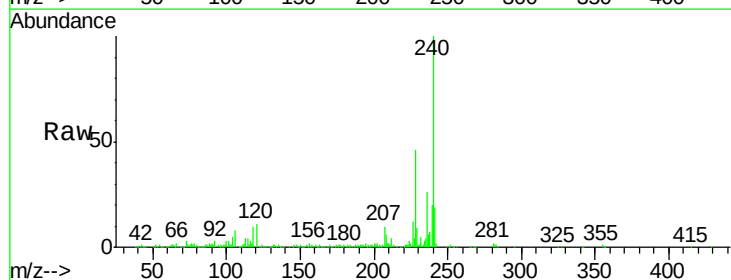
Tgt Ion:240 Resp: 380280

Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

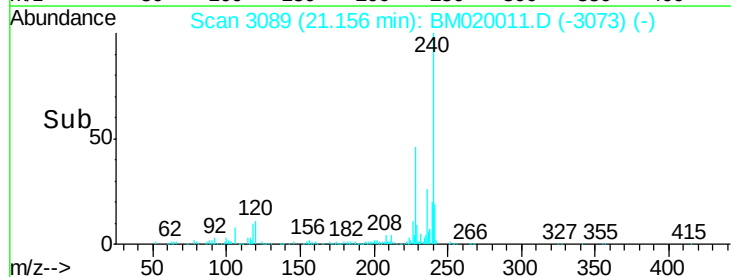
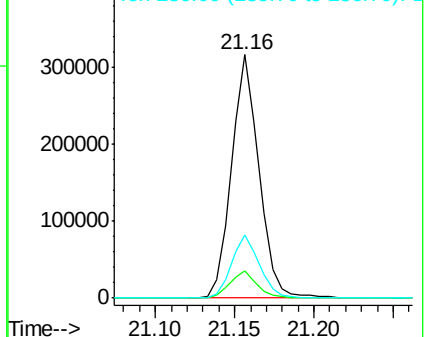
236 26.1 21.4 32.2

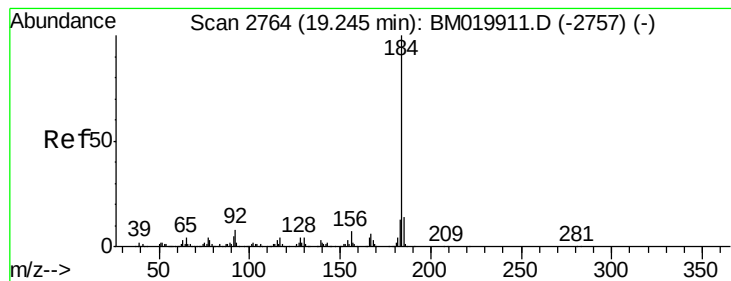


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.358 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

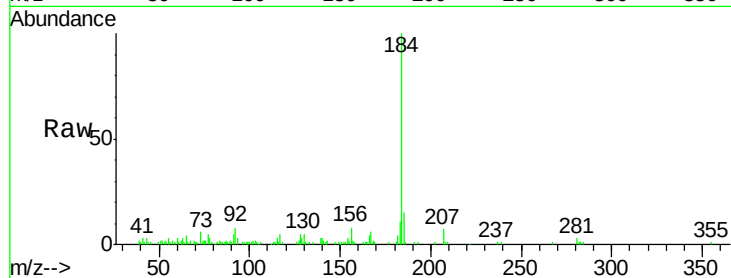
Tot Ion:184 Resp: 129669

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.6

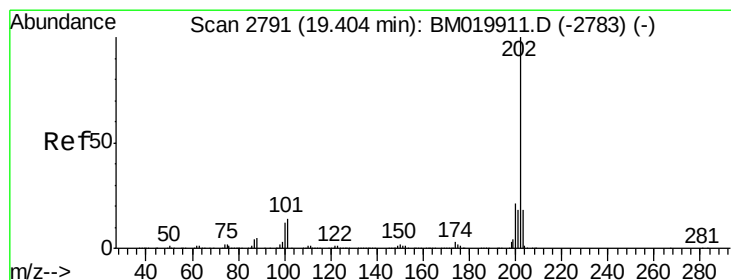
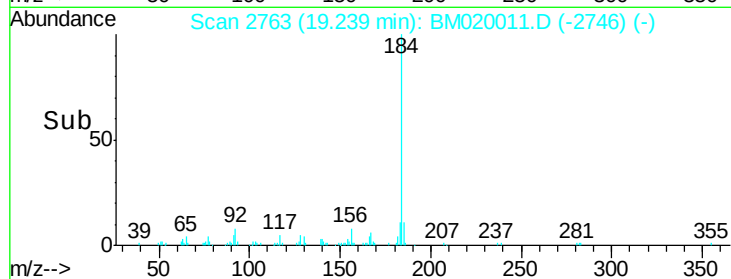
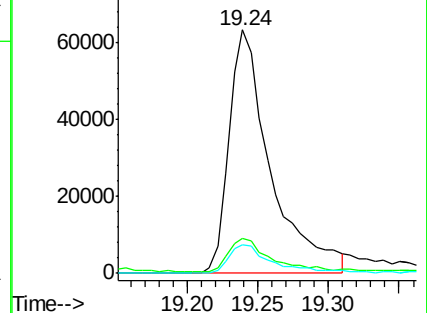
183 11.5 10.1 15.1



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: 53.334 ng

RT: 19.38 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

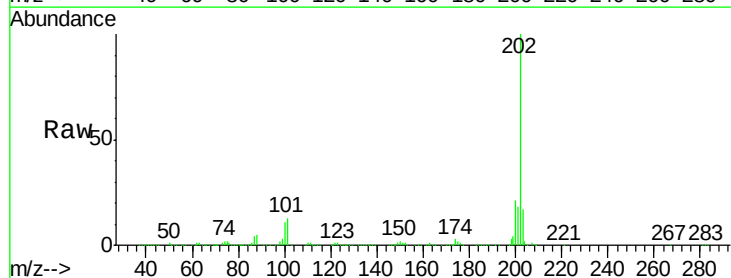
Tgt Ion:202 Resp: 1343116

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

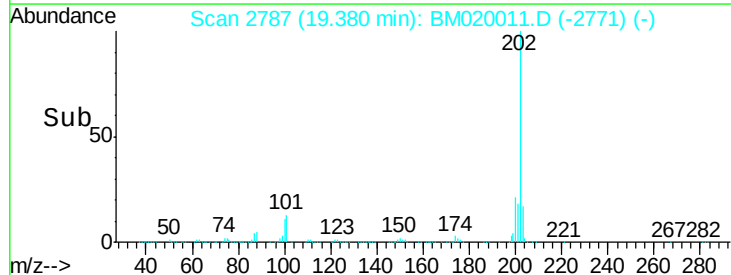
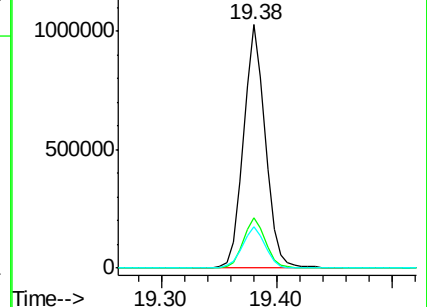
203 17.2 14.0 21.0

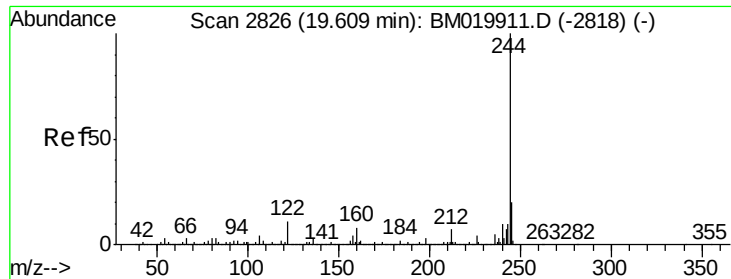


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

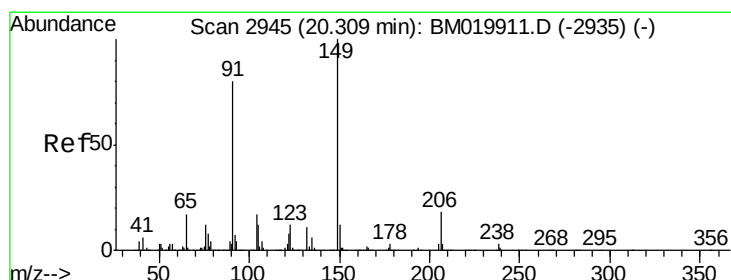
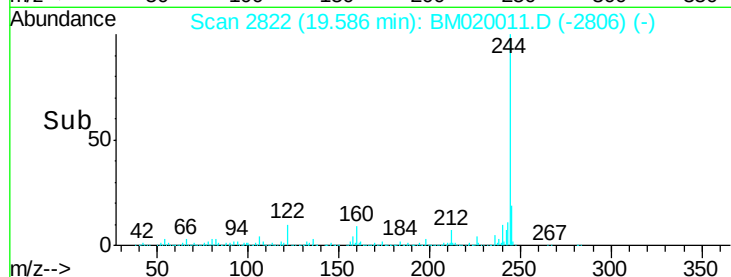
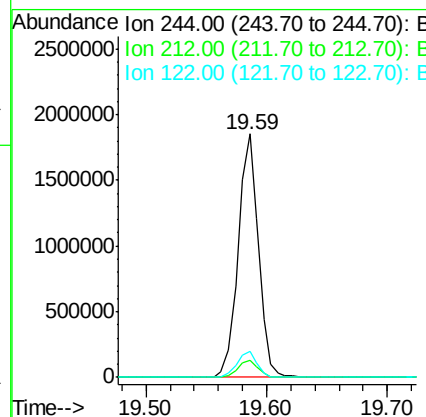
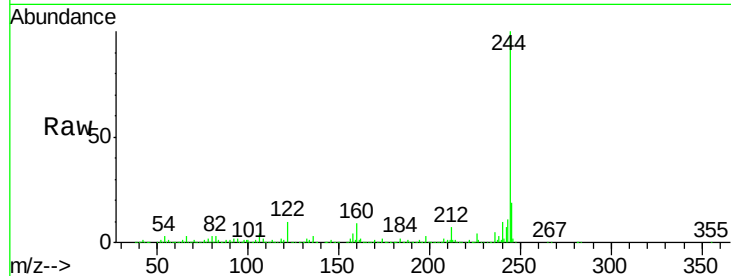




#79  
 Terphenyl-d14  
 Concen: 100.549 ng  
 RT: 19.59 min Scan# 2822  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

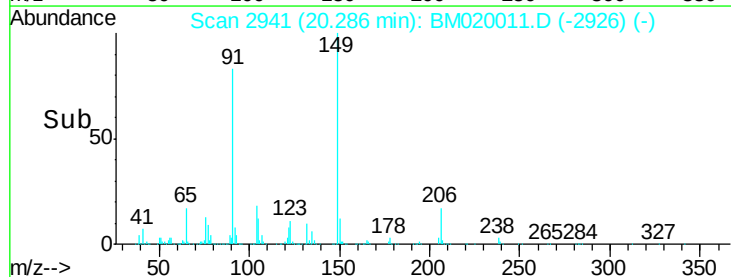
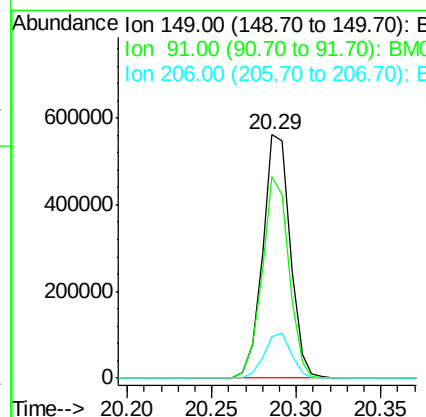
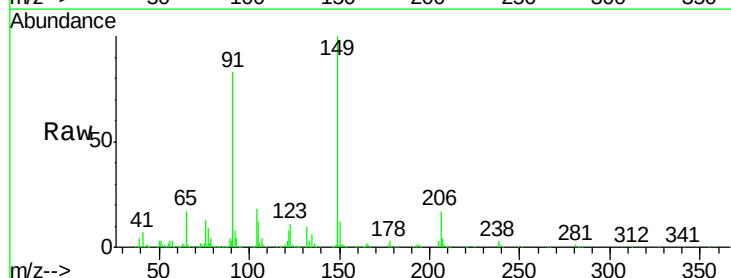
Instrument :  
 BNA\_M  
 ClientSampled :

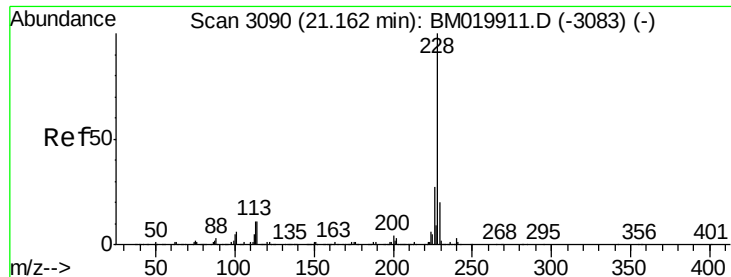
Tot Ion:244 Resp: 2167823  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 10.4 9.1 13.7



#80  
 Butylbenzylphthalate  
 Concen: 52.189 ng  
 RT: 20.29 min Scan# 2941  
 Delta R.T. -0.01 min  
 Lab File: BM020011.D  
 Acq: 22 Apr 2019 18:18

Tgt Ion:149 Resp: 637185  
 Ion Ratio Lower Upper  
 149 100  
 91 83.0 63.7 95.5  
 206 17.0 14.6 21.8





#81

Benzo(a)anthracene

Concen: 49.651 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampleId :

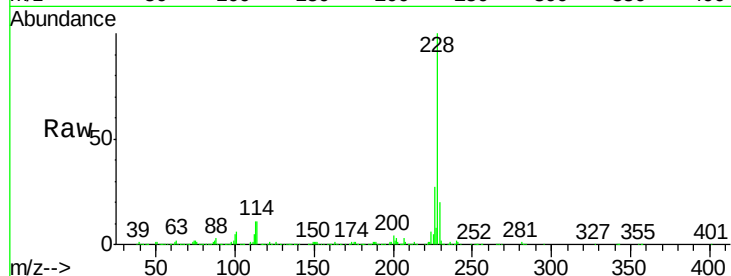
Tot Ion:228 Resp: 1196082

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

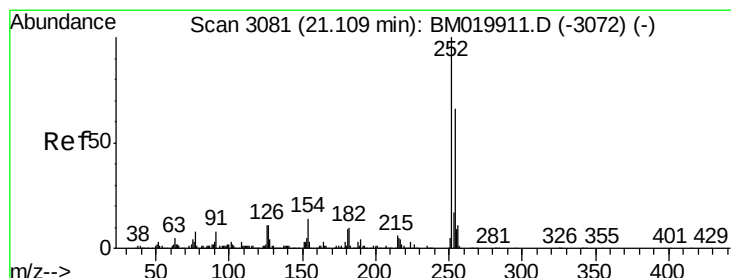
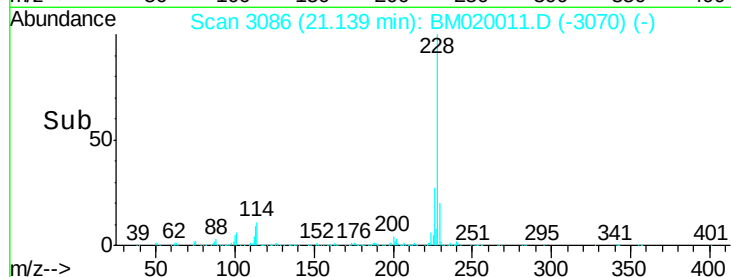
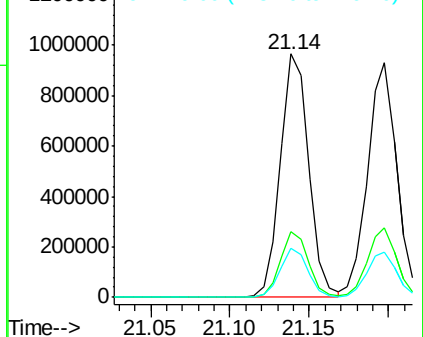
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.908 ng

RT: 21.09 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

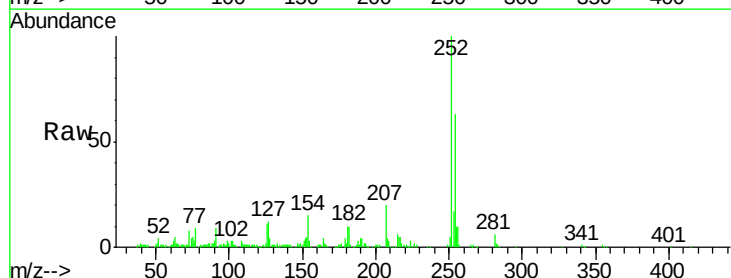
Tgt Ion:252 Resp: 196352

Ion Ratio Lower Upper

252 100

254 63.3 52.6 78.8

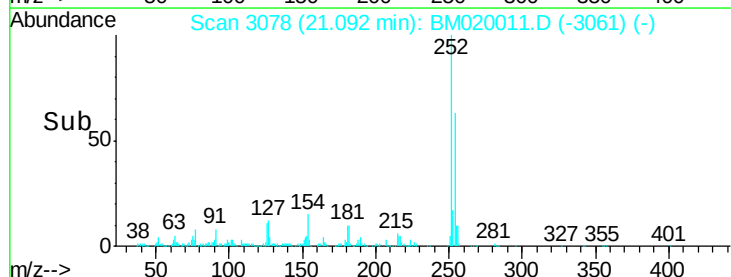
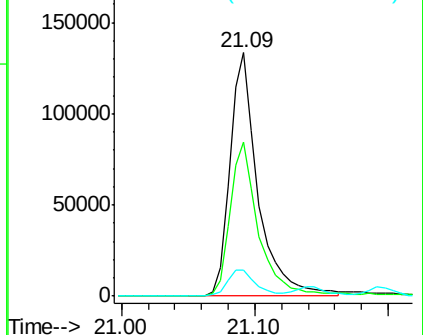
126 10.7 8.6 12.8

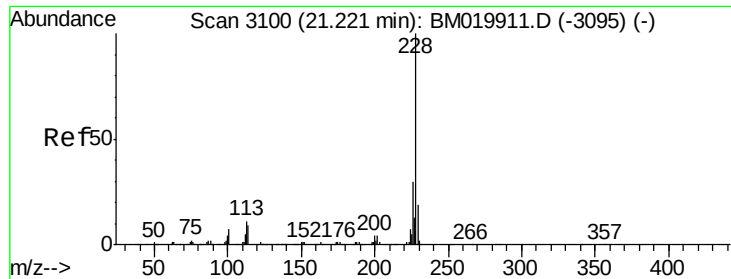


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

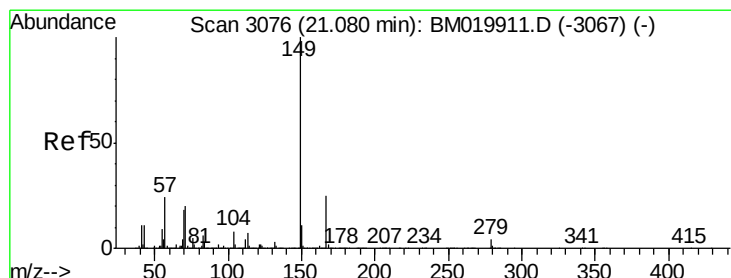
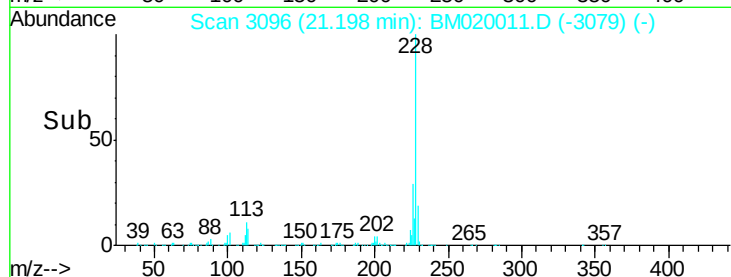
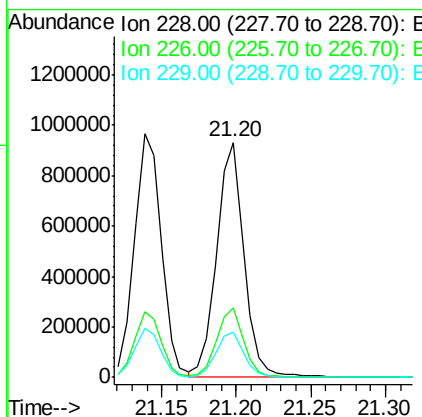
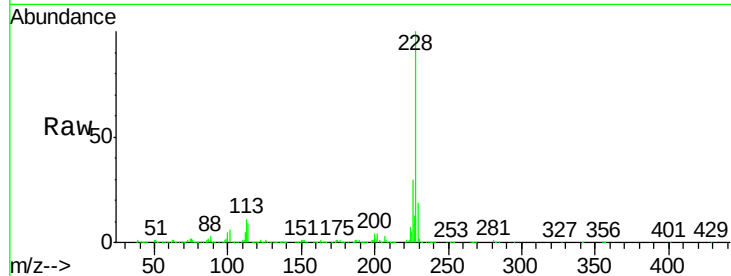




#83  
Chrysene  
Concen: 51.458 ng  
RT: 21.20 min Scan# 3096  
Delta R.T. -0.00 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

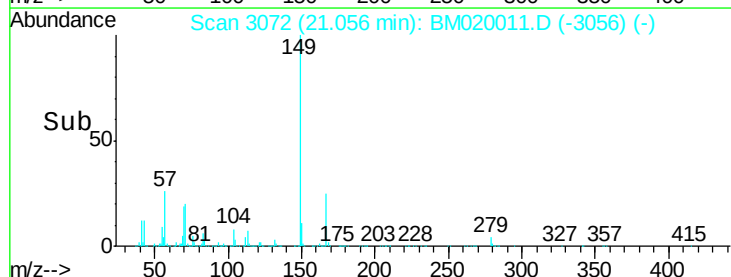
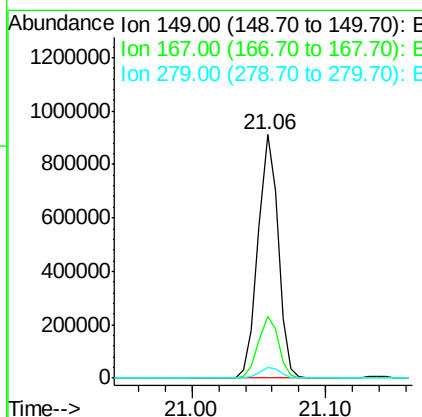
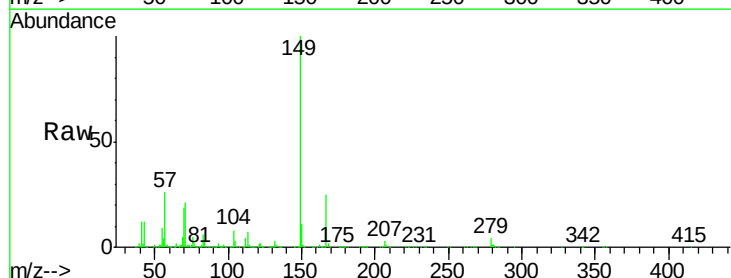
Instrument :  
BNA\_M  
ClientSampleId :

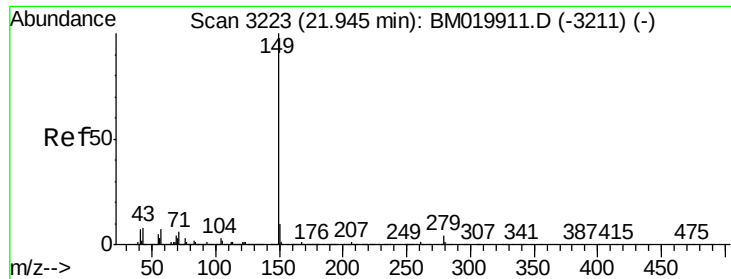
Tot Ion:228 Resp: 1188804  
Ion Ratio Lower Upper  
228 100  
226 29.6 23.7 35.5  
229 19.4 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 51.468 ng  
RT: 21.06 min Scan# 3072  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:149 Resp: 935509  
Ion Ratio Lower Upper  
149 100  
167 25.4 20.3 30.5  
279 4.2 3.4 5.2

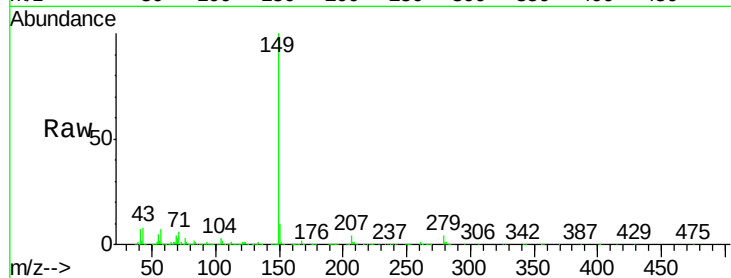




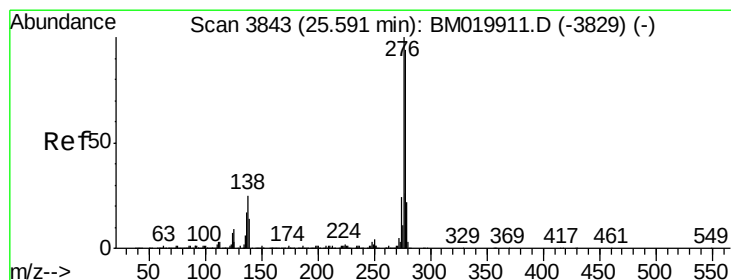
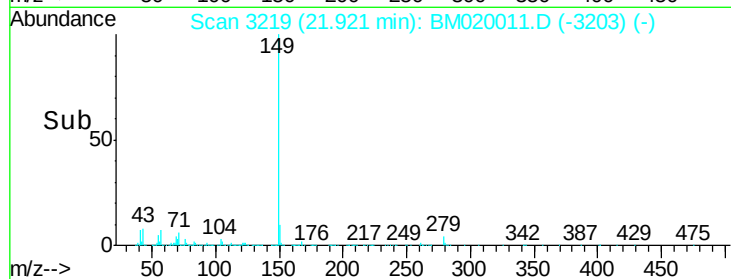
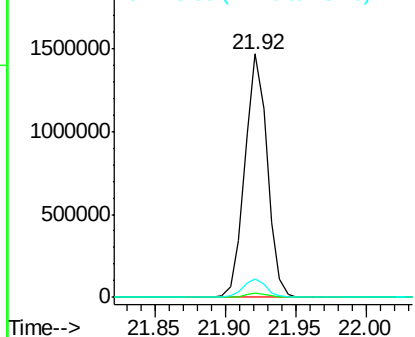
#85  
Di-n-octyl phthalate  
Concen: 54.935 ng  
RT: 21.92 min Scan# 3219  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:149 Resp: 1620216  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 7.7 6.0 9.0

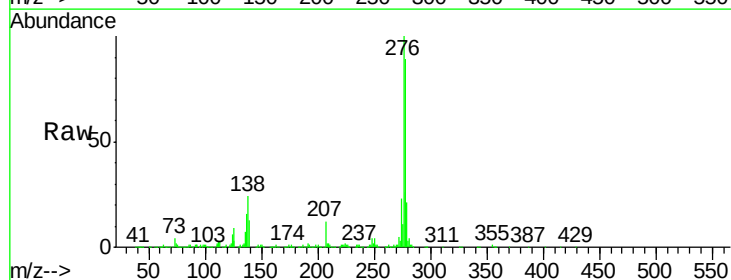


Abundance Ion 149.00 (148.70 to 149.70): E  
2000000  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BM

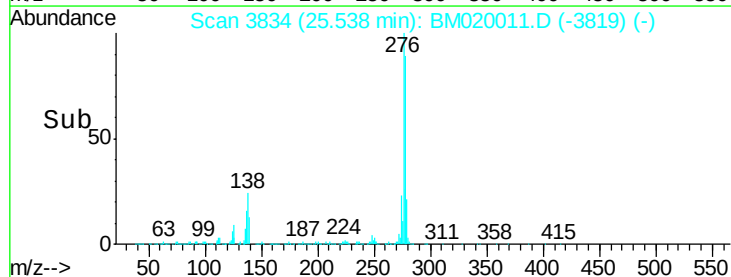
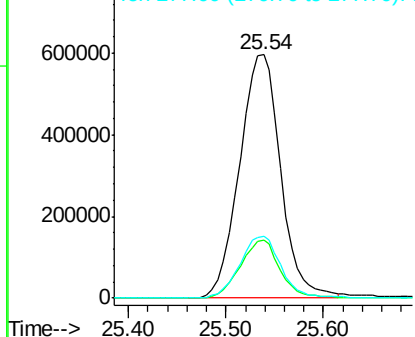


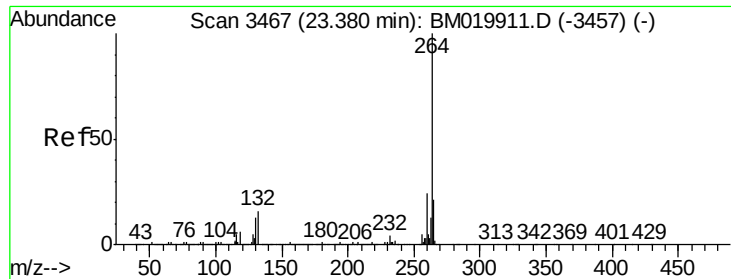
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 77.488 ng  
RT: 25.54 min Scan# 3834  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:276 Resp: 1761017  
Ion Ratio Lower Upper  
276 100  
138 23.2 19.0 28.6  
277 25.4 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E  
800000  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA\_M

ClientSampled :

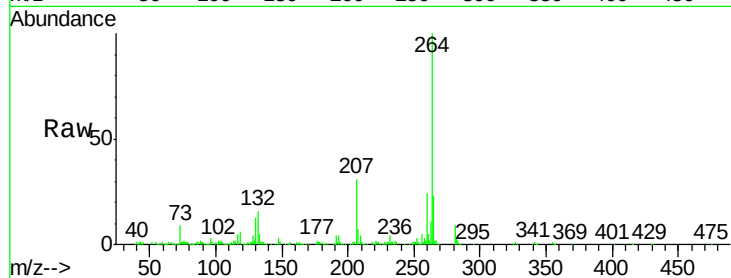
Tot Ion:264 Resp: 431937

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

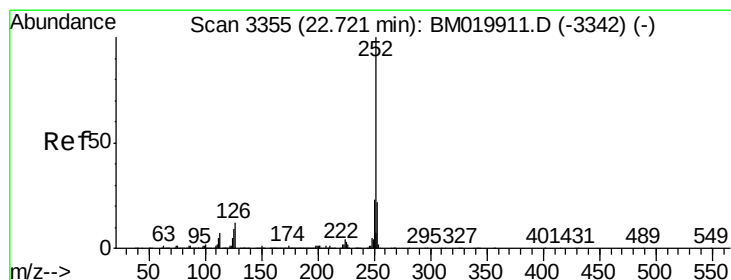
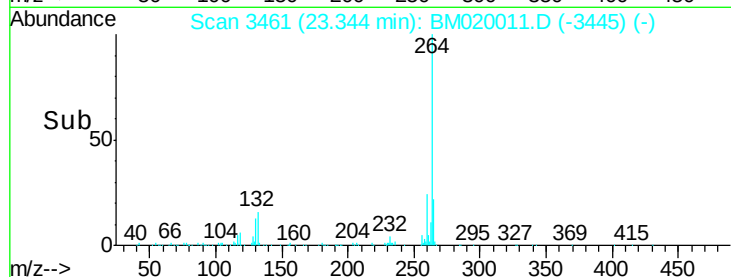
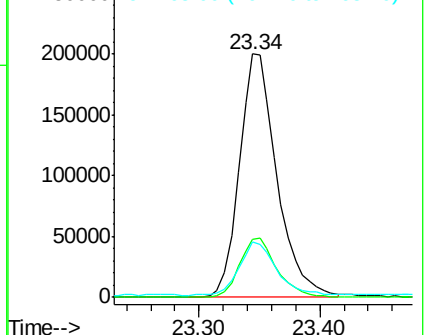
265 23.0 17.2 25.8



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: 45.988 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

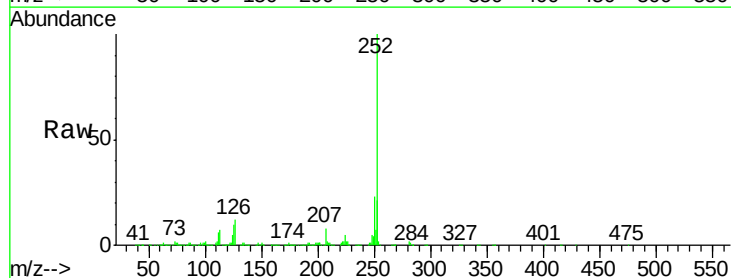
Tgt Ion:252 Resp: 1318995

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

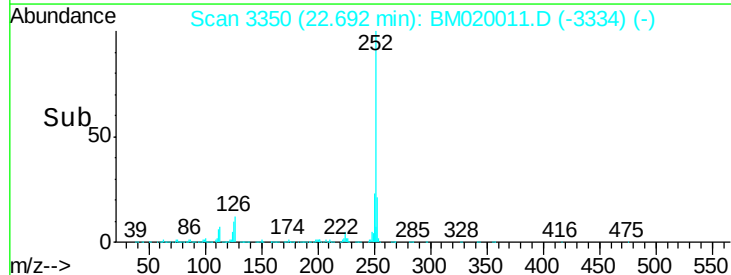
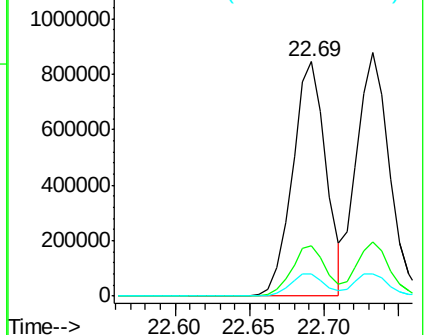
125 9.6 7.6 11.4

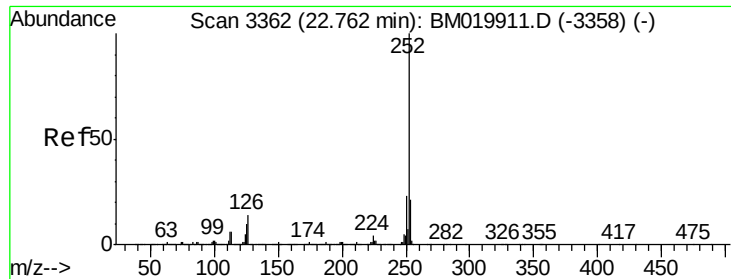


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

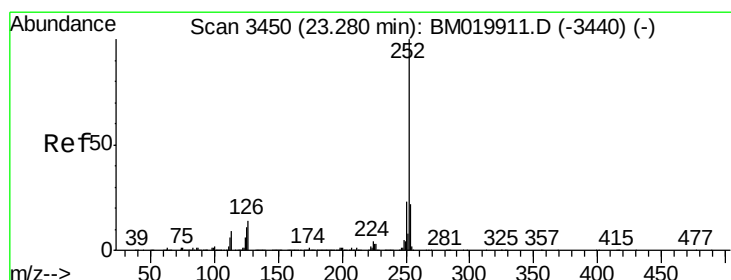
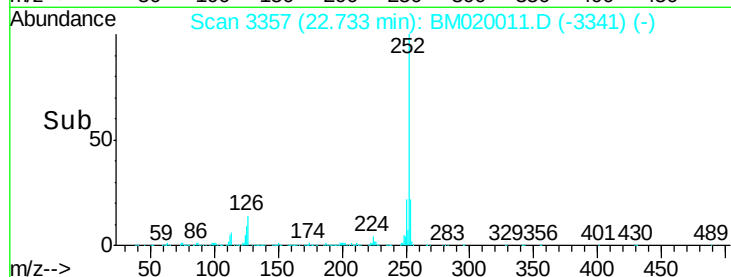
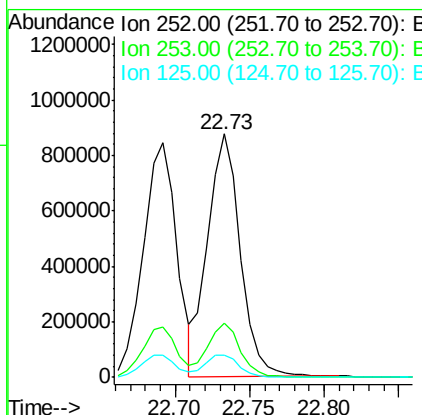
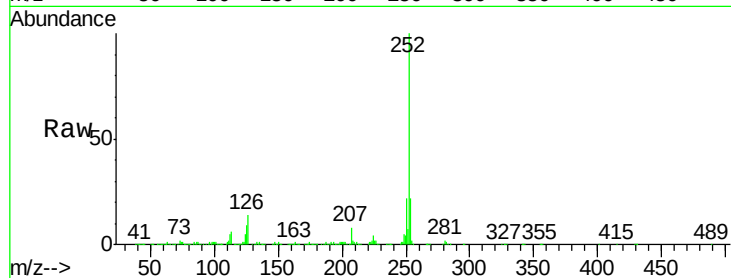




#89  
Benzo(k)fluoranthene  
Concen: 49.485 ng  
RT: 22.73 min Scan# 3357  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

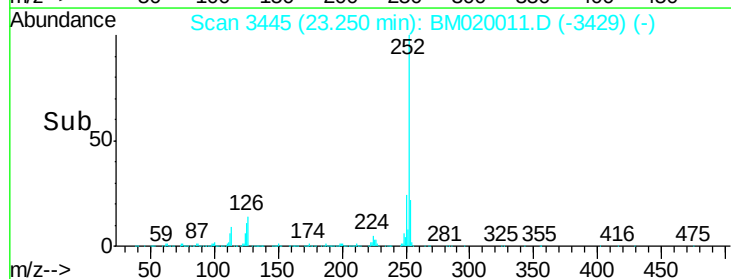
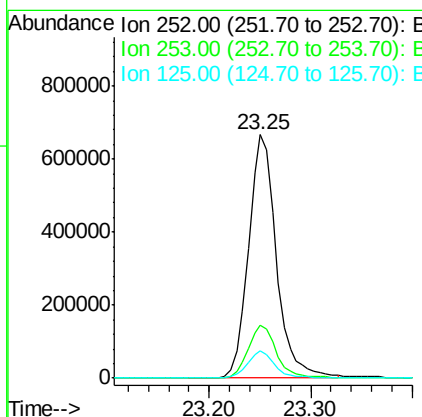
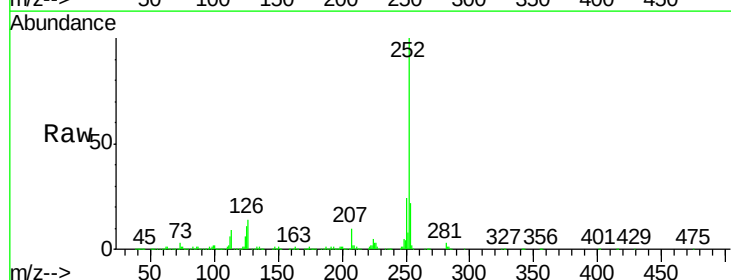
Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:252 Resp: 1336175  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.3 25.9  
125 9.2 8.2 12.4

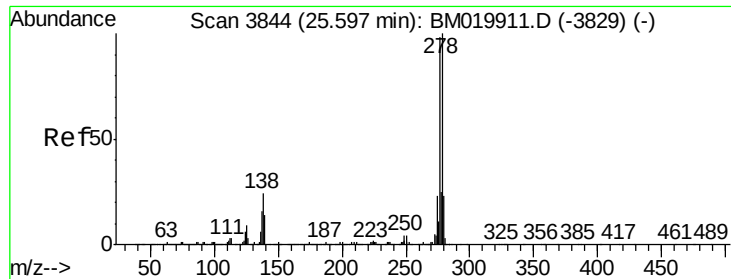


#90  
Benzo(a)pyrene  
Concen: 49.856 ng  
RT: 23.25 min Scan# 3445  
Delta R.T. -0.01 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:252 Resp: 1267008  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 11.1 9.1 13.7



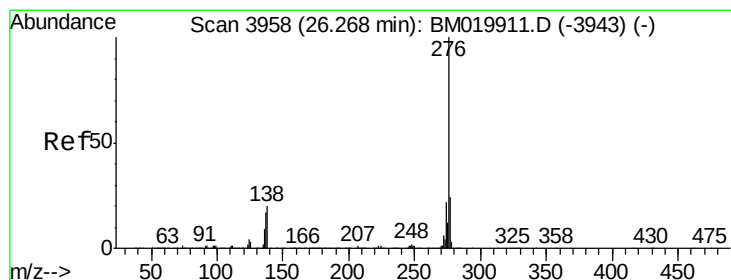
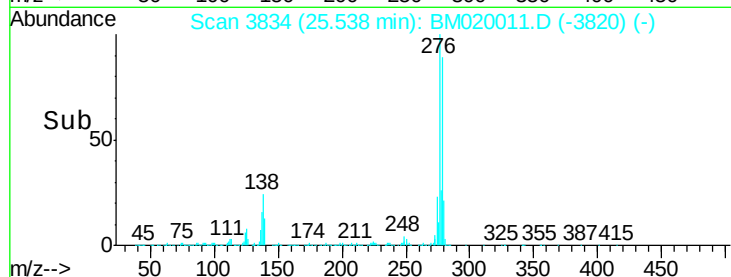
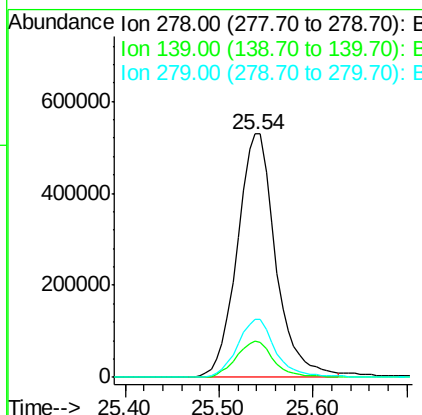
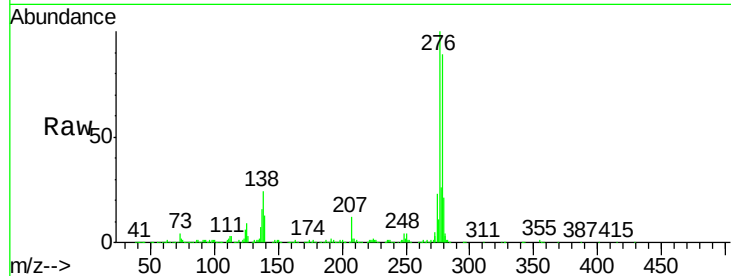




#91  
Dibenzo(a,h)anthracene  
Concen: 61.314 ng  
RT: 25.54 min Scan# 3834  
Delta R.T. -0.02 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 1502294  
Ion Ratio Lower Upper  
278 100  
139 15.0 11.6 17.4  
279 23.9 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 64.272 ng  
RT: 26.21 min Scan# 3948  
Delta R.T. -0.02 min  
Lab File: BM020011.D  
Acq: 22 Apr 2019 18:18

Tgt Ion:276 Resp: 1426330  
Ion Ratio Lower Upper  
276 100  
277 24.6 18.8 28.2  
138 20.0 16.2 24.4

