

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\  
 Data File : BM020113.D  
 Acq On : 03 May 2019 15:52  
 Operator : JU/SJ  
 Sample : K2688-03MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 03 23:54:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 123708   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.58 | 136  | 447842   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.43 | 164  | 264249   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.17 | 188  | 596478   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.36 | 240  | 550585   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.64 | 264  | 603806   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.36  | 112 | 1195143 | 157.92 | ng | 0.00  |
| 7) Phenol-d6                | 6.95  | 99  | 1641596 | 158.78 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.95  | 82  | 1177514 | 103.81 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 15.92 | 330 | 667419  | 162.72 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 13.05 | 172 | 2227262 | 103.70 | ng | 0.00  |
| 79) Terphenyl-d14           | 19.80 | 244 | 3277610 | 103.83 | ng | -0.01 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.31  | 88  | 147745  | 39.804 | ng | 95   |
| 3) Pyridine                    | 3.70  | 79  | 148866  | 15.682 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.62  | 42  | 147449  | 48.438 | ng | 93   |
| 6) Aniline                     | 7.12  | 93  | 513716  | 39.471 | ng | 99   |
| 8) 2-Chlorophenol              | 7.35  | 128 | 412312  | 50.035 | ng | 99   |
| 9) Benzaldehyde                | 6.93  | 77  | 340588  | 43.524 | ng | 97   |
| 10) Phenol                     | 6.98  | 94  | 573398  | 51.516 | ng | 95   |
| 11) bis(2-Chloroethyl)ether    | 7.22  | 93  | 401914  | 49.682 | ng | 96   |
| 12) 1,3-Dichlorobenzene        | 7.67  | 146 | 457950  | 47.764 | ng | 95   |
| 13) 1,4-Dichlorobenzene        | 7.82  | 146 | 469418  | 48.466 | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 8.14  | 146 | 452924  | 49.084 | ng | 98   |
| 15) Benzyl Alcohol             | 8.03  | 79  | 485511  | 48.699 | ng | 100  |
| 16) 2,2'-oxybis(1-Chloropropan | 8.31  | 45  | 305560  | 45.551 | ng | 96   |
| 17) 2-Methylphenol             | 8.22  | 107 | 361641  | 50.473 | ng | 98   |
| 18) Hexachloroethane           | 8.86  | 117 | 188926  | 46.781 | ng | 98   |
| 19) n-Nitroso-di-n-propylamine | 8.59  | 70  | 413955  | 46.798 | ng | 96   |
| 20) 3+4-Methylphenols          | 8.55  | 107 | 472628  | 49.632 | ng | 96   |
| 22) Acetophenone               | 8.61  | 105 | 676254  | 55.251 | ng | # 98 |
| 24) Nitrobenzene               | 8.99  | 77  | 602071  | 51.191 | ng | 99   |
| 25) Isophorone                 | 9.52  | 82  | 1008172 | 51.538 | ng | 100  |
| 26) 2-Nitrophenol              | 9.70  | 139 | 204430  | 57.574 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 9.75  | 122 | 369838  | 62.563 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 10.00 | 93  | 547006  | 51.343 | ng | 98   |
| 29) 2,4-Dichlorophenol         | 10.22 | 162 | 409187  | 54.894 | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.44 | 180 | 490600  | 53.489 | ng | 97   |
| 31) Naphthalene                | 10.63 | 128 | 1215367 | 52.296 | ng | 99   |
| 32) Benzoic acid               | 9.85  | 122 | 129237  | 33.106 | ng | 92   |
| 33) 4-Chloroaniline            | 10.75 | 127 | 228965  | 23.937 | ng | 97   |
| 34) Hexachlorobutadiene        | 10.90 | 225 | 336459  | 51.856 | ng | 98   |
| 35) Caprolactam                | 11.53 | 113 | 52070   | 23.361 | ng | 96   |
| 36) 4-Chloro-3-methylphenol    | 11.86 | 107 | 441976  | 50.455 | ng | 98   |
| 37) 2-Methylnaphthalene        | 12.25 | 142 | 895971  | 52.882 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.46 | 142 | 845238  | 51.017 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.61 | 216 | 582271  | 56.321 | ng | 99   |

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 Sample : K2688-03MS  
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 ALS Vial : 7 Sample Multiplier: 1

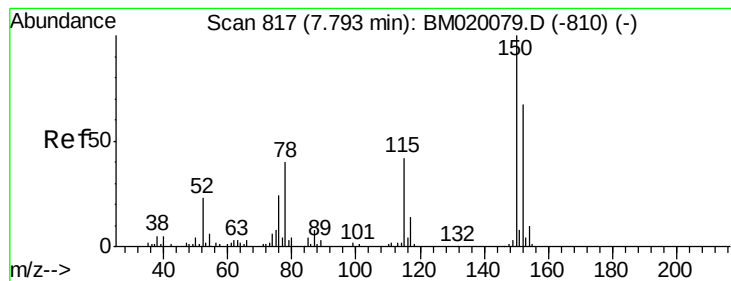
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 03 23:54:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.58 | 237  | 860911   | 141.427 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.85 | 196  | 354095   | 60.265  | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.92 | 196  | 378928   | 57.729  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.26 | 154  | 1168304  | 53.715  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.30 | 162  | 937459   | 53.983  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.52 | 65   | 315616   | 51.050  | ng    | 95       |
| 49) Acenaphthylene             | 14.15 | 152  | 1405646  | 50.577  | ng    | 98       |
| 50) Dimethylphthalate          | 13.89 | 163  | 1374022  | 61.179  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.02 | 165  | 238152   | 50.345  | ng    | 96       |
| 52) Acenaphthene               | 14.49 | 154  | 826227   | 51.842  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.35 | 138  | 157620   | 35.901  | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.54 | 184  | 269268   | 110.080 | ng    | 92       |
| 55) Dibenzofuran               | 14.83 | 168  | 1375226  | 51.156  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.64 | 139  | 384363   | 102.610 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 14.80 | 165  | 335987   | 52.272  | ng    | 96       |
| 58) Fluorene                   | 15.48 | 166  | 1100036  | 49.824  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.05 | 232  | 351602   | 56.368  | ng    | 97       |
| 60) Diethylphthalate           | 15.26 | 149  | 1125247  | 49.730  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.47 | 204  | 645084   | 51.567  | ng    | 95       |
| 62) 4-Nitroaniline             | 15.51 | 138  | 225342   | 46.509  | ng    | 97       |
| 63) Azobenzene                 | 15.77 | 77   | 1281542  | 48.009  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.56 | 198  | 173518   | 56.215  | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.69 | 169  | 961532   | 54.783  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.37 | 248  | 399800   | 54.660  | ng    | 96       |
| 68) Hexachlorobenzene          | 16.47 | 284  | 439672   | 52.236  | ng    | 97       |
| 69) Atrazine                   | 16.64 | 200  | 346873   | 50.571  | ng    | 98       |
| 70) Pentachlorophenol          | 16.82 | 266  | 557141   | 115.689 | ng    | 98       |
| 71) Phenanthrene               | 17.22 | 178  | 1675655  | 50.891  | ng    | 99       |
| 72) Anthracene                 | 17.31 | 178  | 1730257  | 52.559  | ng    | 99       |
| 73) Carbazole                  | 17.58 | 167  | 1477868  | 49.753  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.14 | 149  | 1792386  | 50.140  | ng    | 98       |
| 75) Fluoranthene               | 19.23 | 202  | 1961912  | 47.094  | ng    | 100      |
| 77) Benzidine                  | 19.43 | 184  | 411972   | 23.404  | ng    | 98       |
| 78) Pyrene                     | 19.60 | 202  | 1992987  | 53.914  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.50 | 149  | 759763   | 56.519  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.34 | 228  | 1872959  | 48.507  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.28 | 252  | 584349   | 39.652  | ng    | 98       |
| 83) Chrysene                   | 21.40 | 228  | 1853630  | 49.499  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 1117991  | 53.596  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.16 | 149  | 1837904  | 53.012  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.96 | 276  | 2428974  | 54.531  | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.95 | 252  | 1947926  | 48.854  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.00 | 252  | 1906780  | 52.426  | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.54 | 252  | 1908986  | 52.710  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.98 | 278  | 2076877  | 55.142  | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.69 | 276  | 2006935  | 56.125  | ng    | 99       |

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



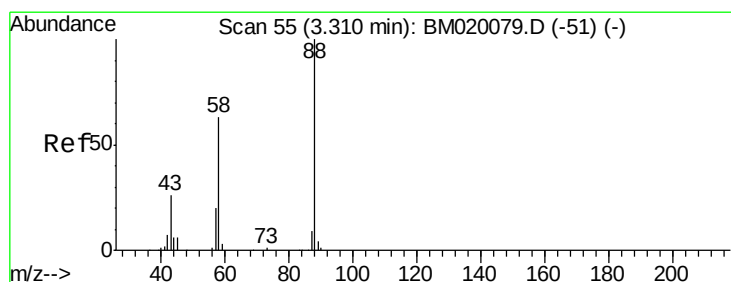
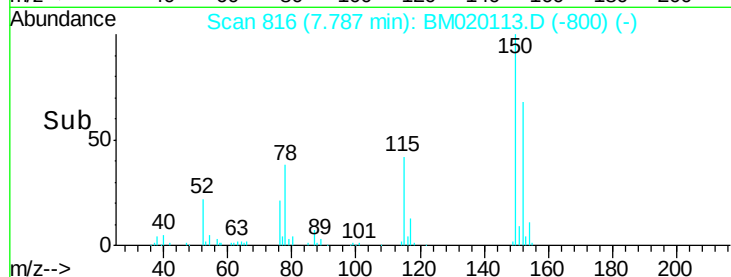
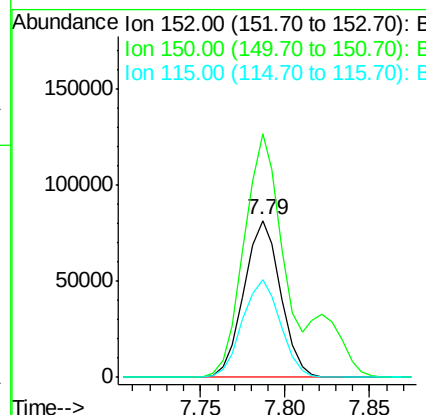
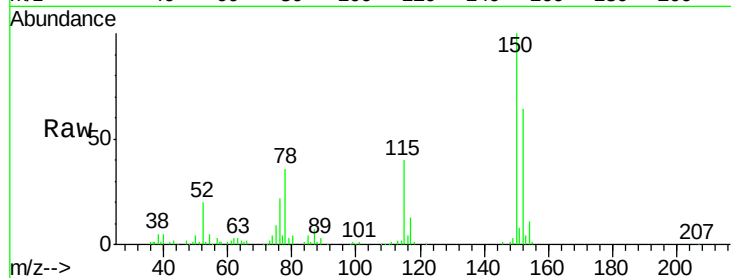


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.79 min Scan# 816  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Instrument :  
BNA\_M  
ClientSampleId :

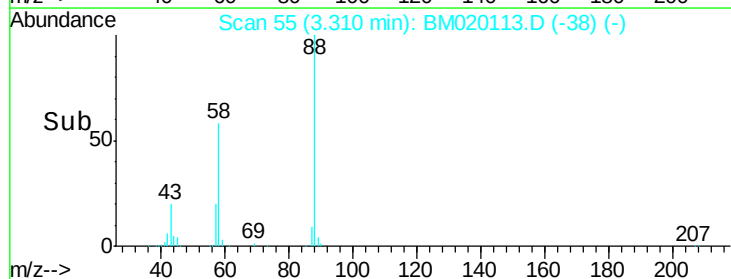
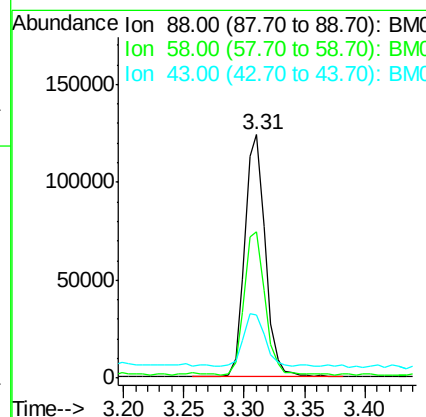
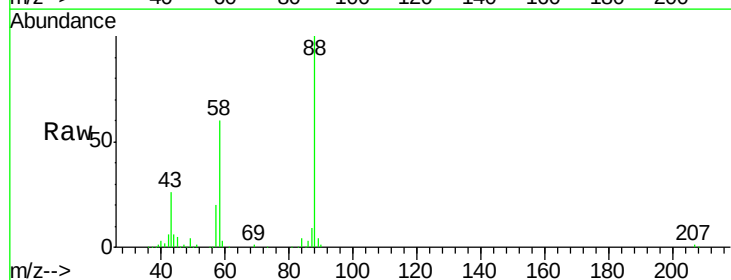
Tot Ion:152 Resp: 123708  
Ion Ratio Lower Upper  
152 100  
150 155.1 119.8 179.8  
115 61.9 50.8 76.2

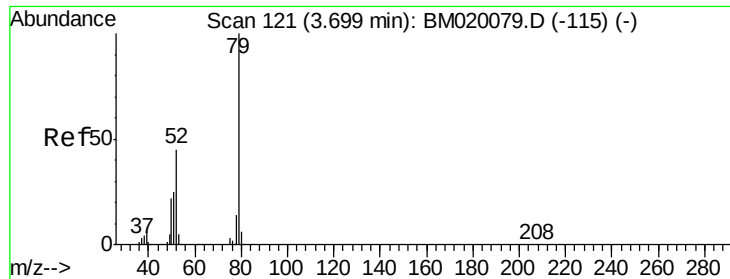


#2

1,4-Dioxane  
Concen: 39.804 ng  
RT: 3.31 min Scan# 55  
Delta R.T. -0.00 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion: 88 Resp: 147745  
Ion Ratio Lower Upper  
88 100  
58 60.3 51.8 77.6  
43 23.2 20.3 30.5





#3

Pvridine

Concen: 15.682 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

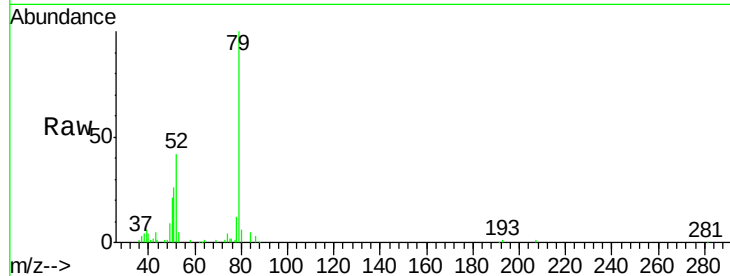
Tot Ion: 79 Resp: 148866

Ion Ratio Lower Upper

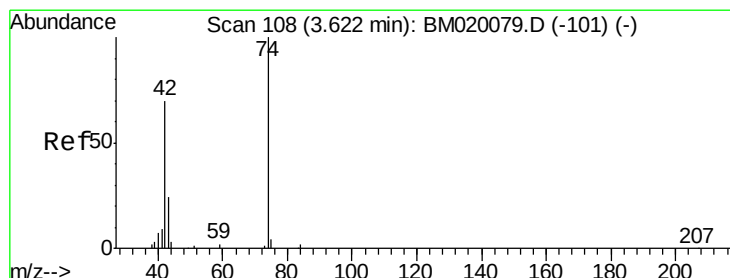
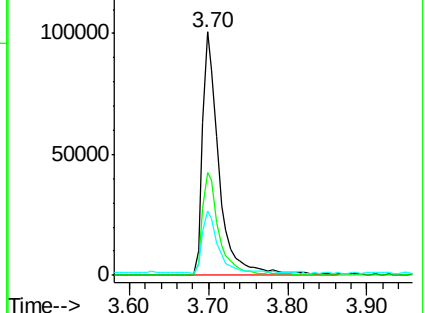
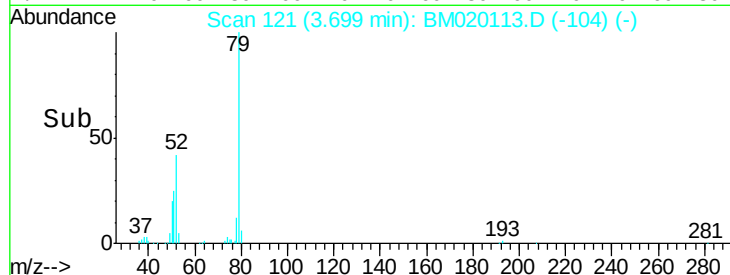
79 100

52 42.5 35.7 53.5

51 26.3 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020113.D (-104) (-)



#4

n-Nitrosodimethylamine

Concen: 48.438 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

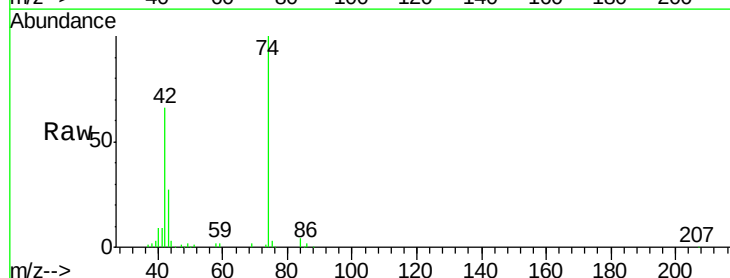
Tgt Ion: 42 Resp: 147449

Ion Ratio Lower Upper

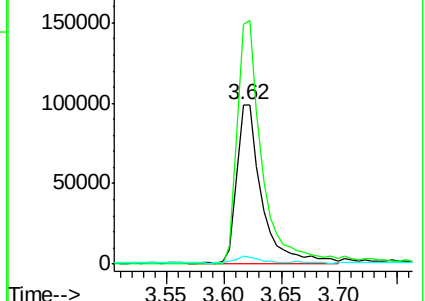
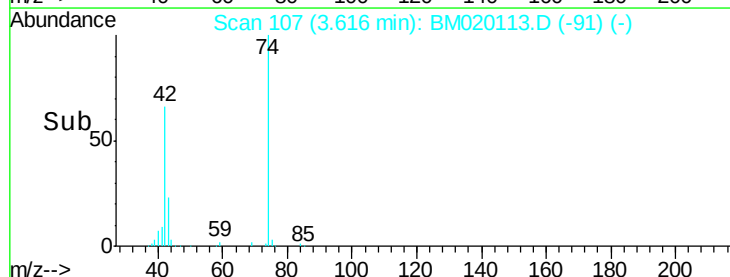
42 100

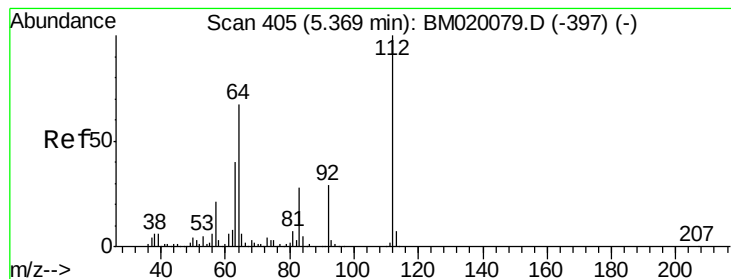
74 150.6 113.7 170.5

44 5.1 3.9 5.9



Abundance Ion 42.00 (41.70 to 42.70): BM020113.D (-91) (-)





#5

2-Fluorophenol

Concen: 157.918 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

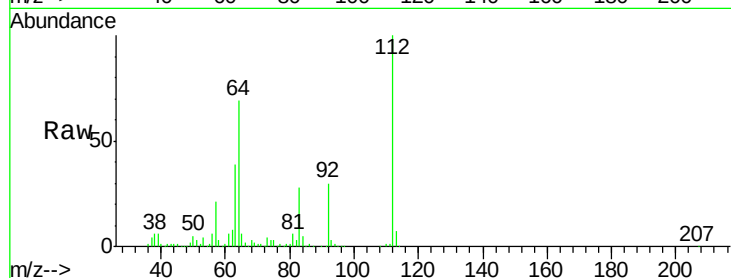
Tot Ion:112 Resp: 1195143

Ion Ratio Lower Upper

112 100

64 69.0 53.8 80.6

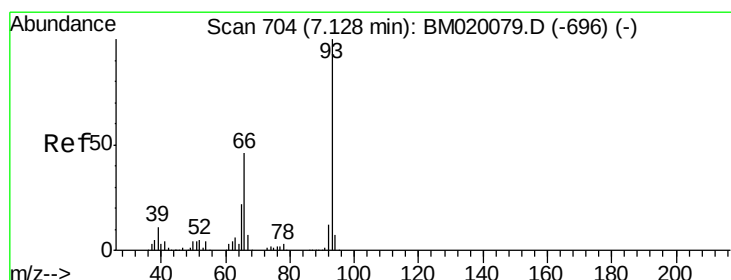
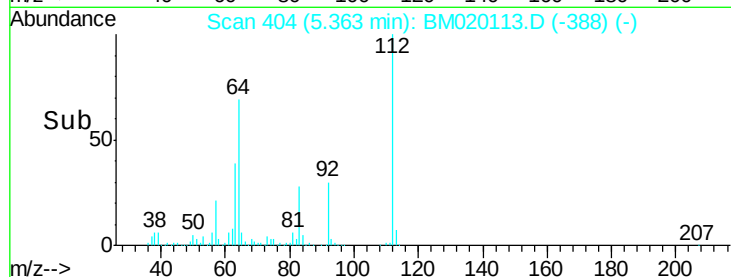
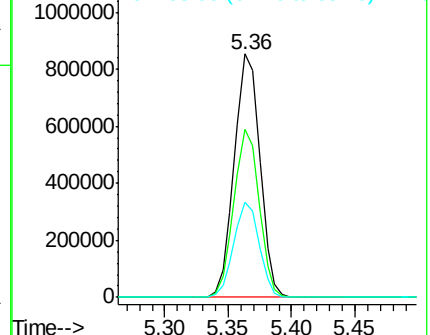
63 39.2 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 39.471 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

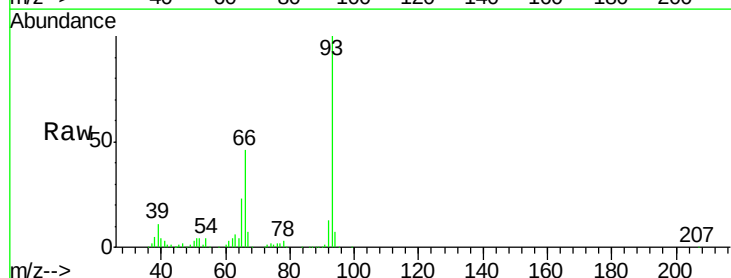
Tgt Ion: 93 Resp: 513716

Ion Ratio Lower Upper

93 100

66 46.4 36.6 54.8

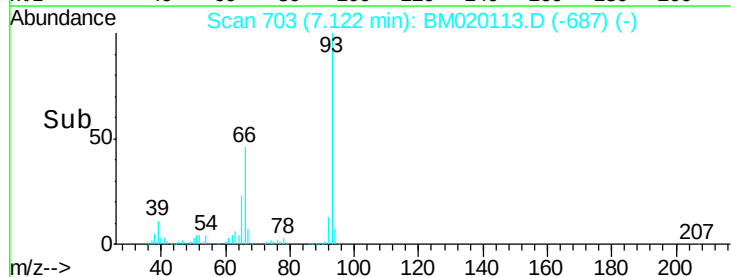
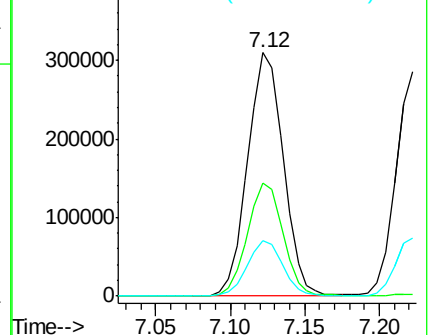
65 22.5 17.8 26.6

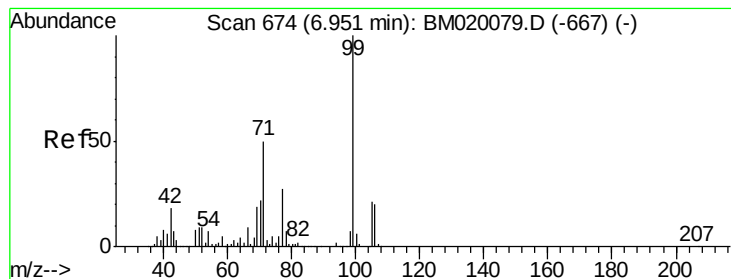


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 158.775 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampled :

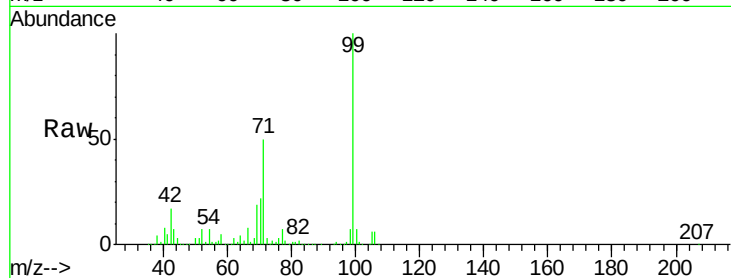
Tot Ion: 99 Resp: 1641596

Ion Ratio Lower Upper

99 100

42 16.9 14.2 21.2

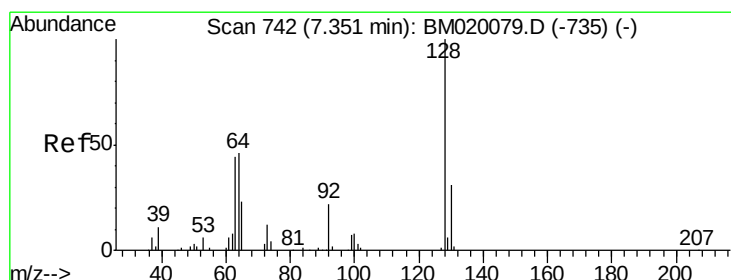
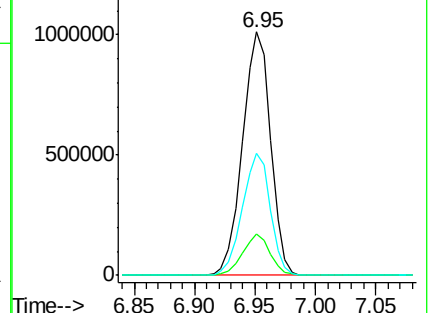
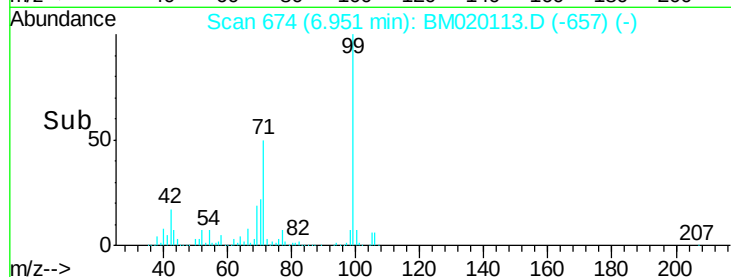
71 50.0 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020113.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020113.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020113.D (-657) (-)



#8

2-Chlorophenol

Concen: 50.035 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

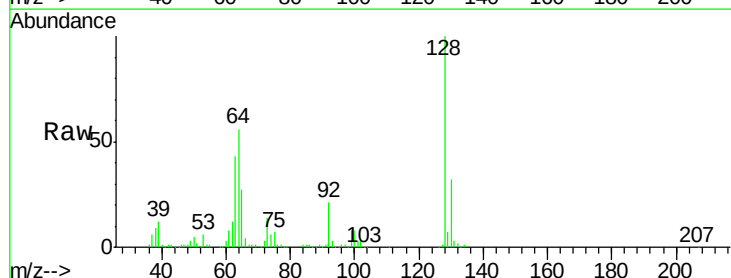
Tgt Ion: 128 Resp: 412312

Ion Ratio Lower Upper

128 100

130 32.1 10.8 50.8

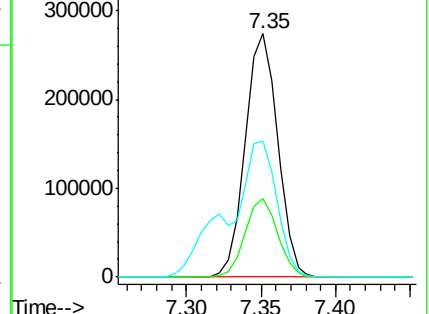
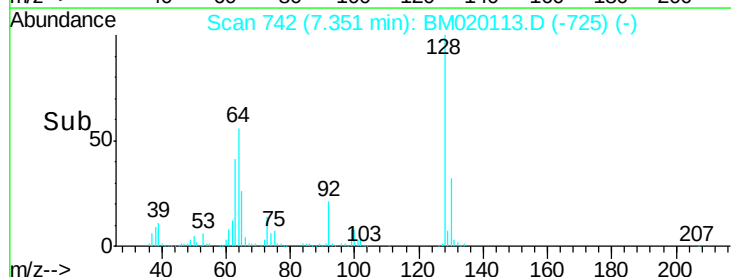
64 56.0 36.5 76.5

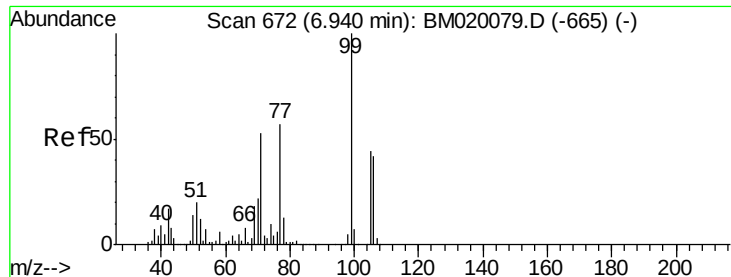


Abundance Ion 128.00 (127.70 to 128.70): BM020113.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM020113.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM020113.D (-725) (-)





#9

Benzaldehyde

Concen: 43.524 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampled :

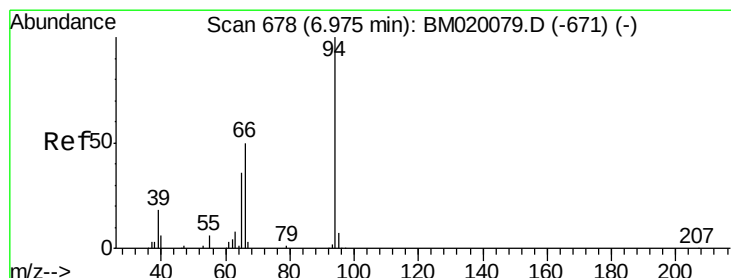
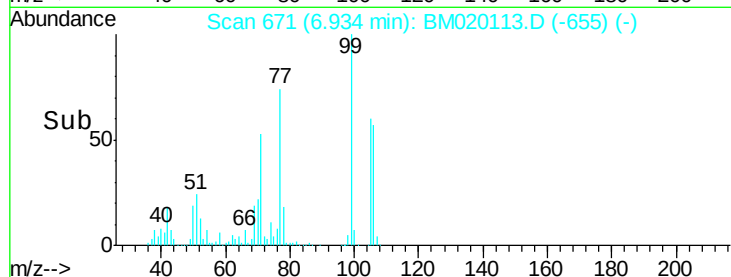
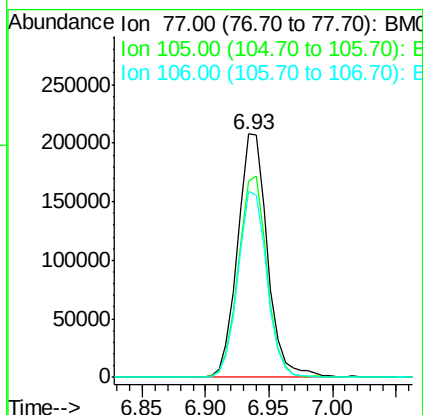
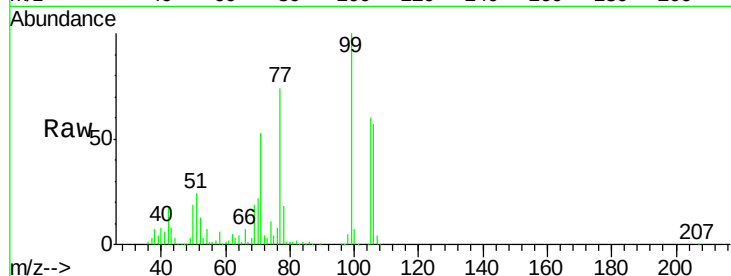
Tot Ion: 77 Resp: 340588

Ion Ratio Lower Upper

77 100

105 80.5 57.8 97.8

106 76.5 53.6 93.6



#10

Phenol

Concen: 51.516 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

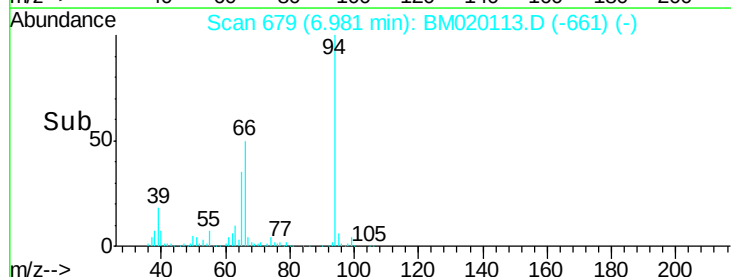
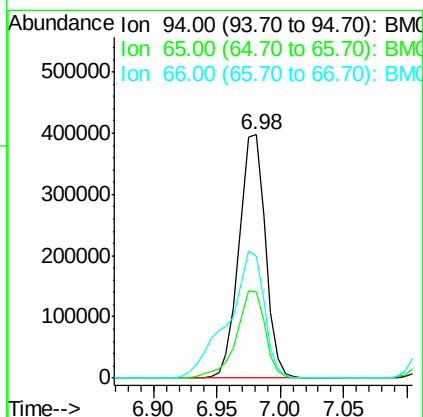
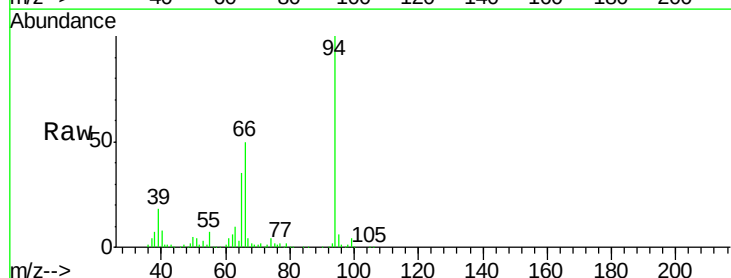
Tgt Ion: 94 Resp: 573398

Ion Ratio Lower Upper

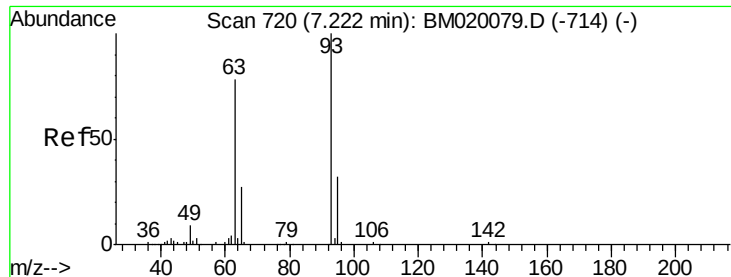
94 100

65 35.3 17.0 57.0

66 50.4 34.5 74.5



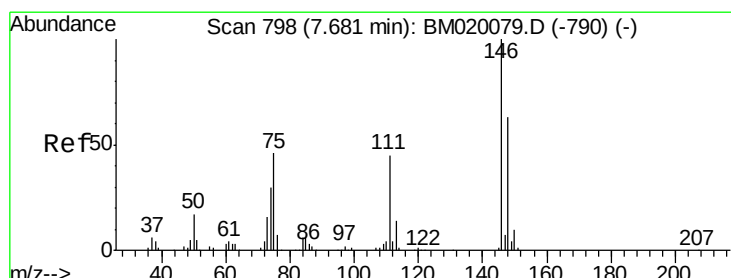
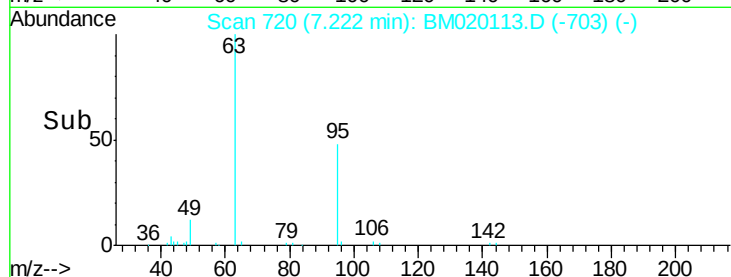
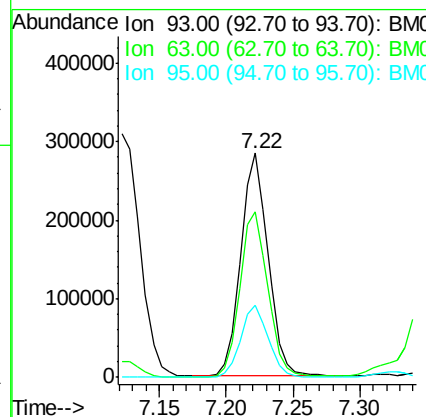
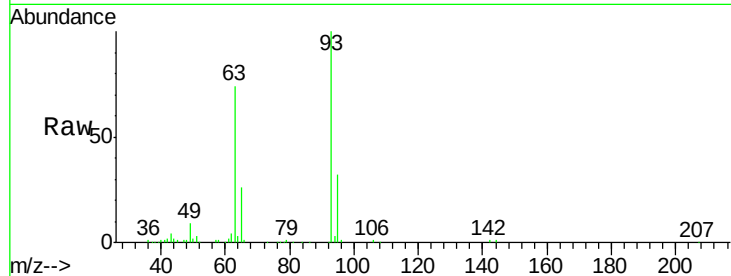




#11  
 bis(2-Chloroethyl)ether  
 Concen: 49.682 ng  
 RT: 7.22 min Scan# 720  
 Delta R.T. -0.00 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

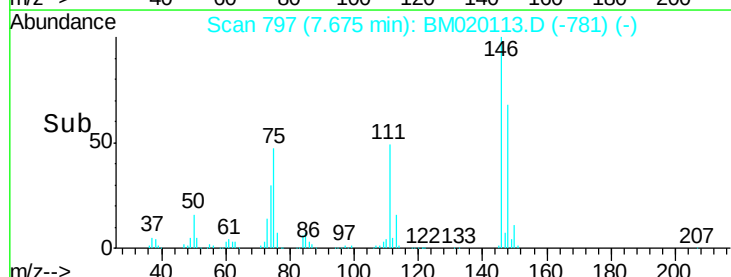
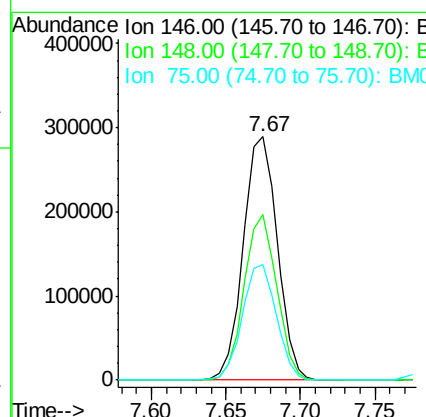
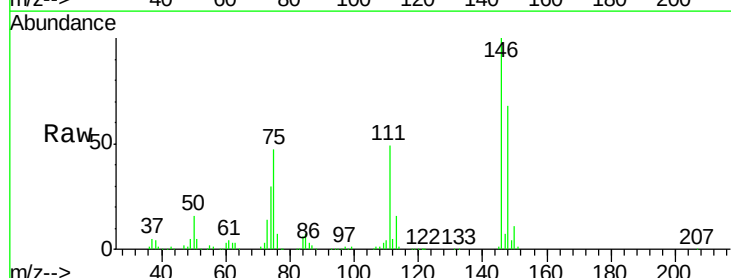
Instrument :  
 BNA\_M  
 ClientSampleId :

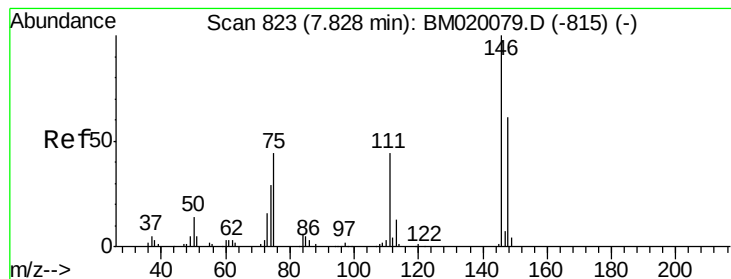
| Tot Ion | 93    | Resp  | 401914 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 73.5  | 57.9  | 97.9   |
| 95      | 32.1  | 11.3  | 51.3   |



#12  
 1,3-Dichlorobenzene  
 Concen: 47.764 ng  
 RT: 7.67 min Scan# 797  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

| Tgt Ion | 146   | Resp  | 457950 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 68.0  | 50.1  | 75.1   |
| 75      | 47.4  | 37.2  | 55.8   |

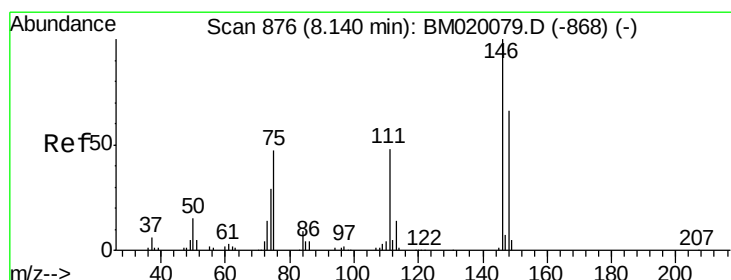
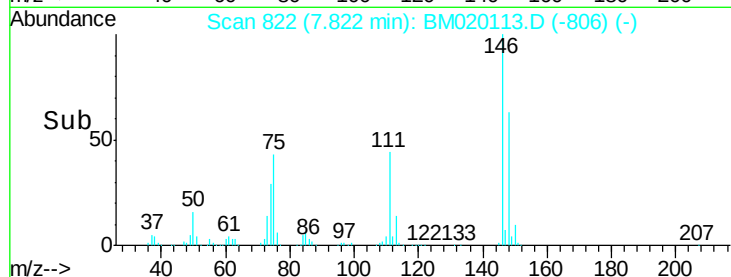
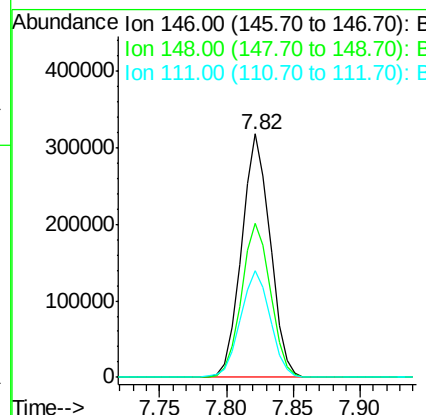
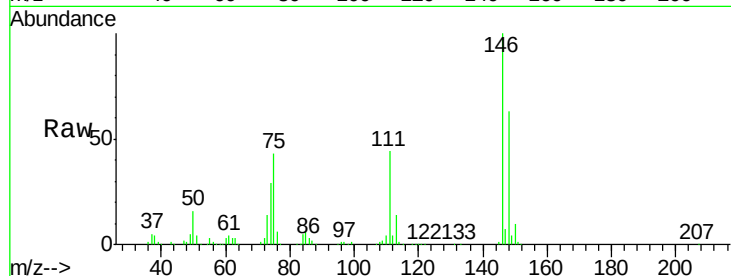




#13  
 1,4-Dichlorobenzene  
 Concen: 48.466 ng  
 RT: 7.82 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

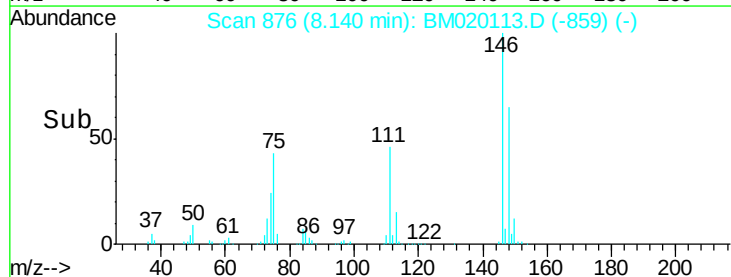
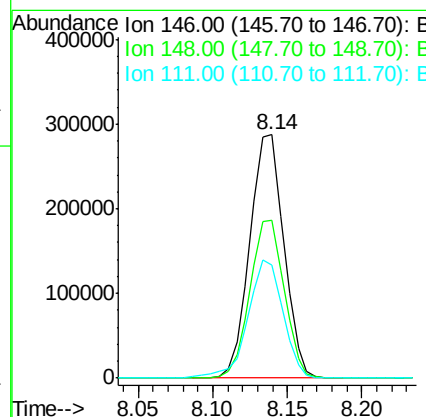
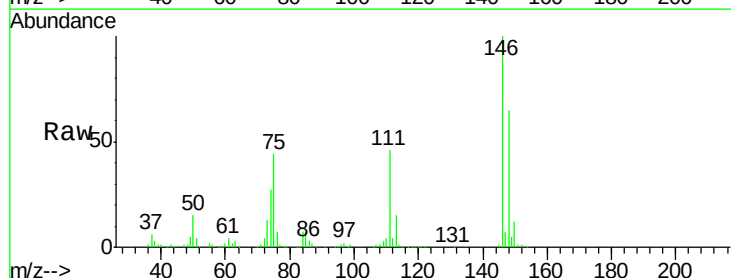
Instrument :  
 BNA\_M  
 ClientSampled :

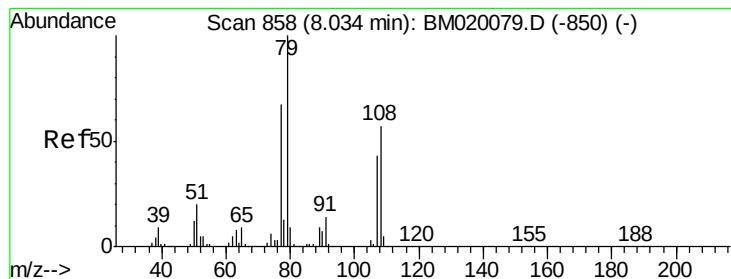
Tot Ion:146 Resp: 469418  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 48.5 72.7  
 111 43.8 35.7 53.5



#14  
 1,2-Dichlorobenzene  
 Concen: 49.084 ng  
 RT: 8.14 min Scan# 876  
 Delta R.T. -0.00 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

Tgt Ion:146 Resp: 452924  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 52.6 79.0  
 111 46.2 39.0 58.4





#15

Benzyl Alcohol

Concen: 48.699 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampled :

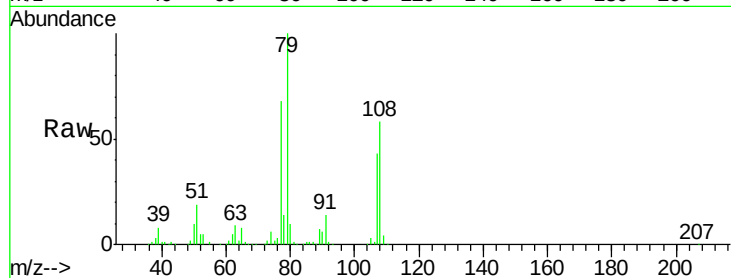
Tot Ion: 79 Resp: 485511

Ion Ratio Lower Upper

79 100

108 57.6 46.0 69.0

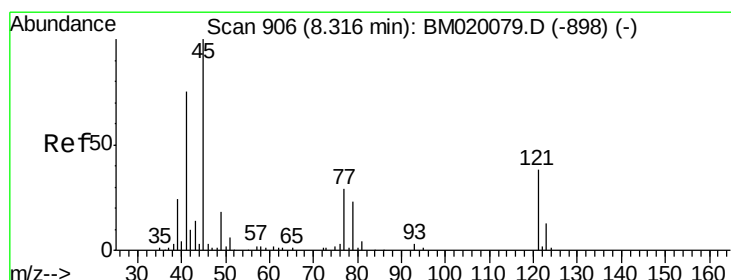
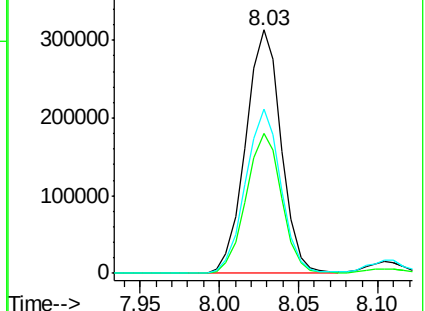
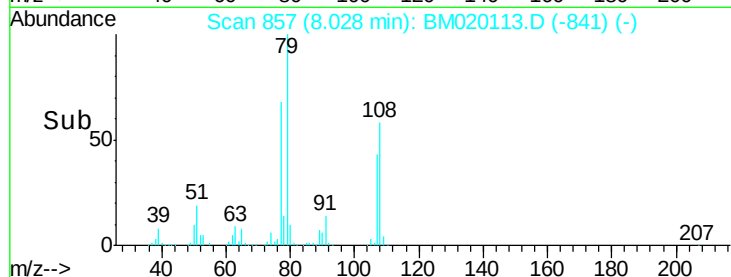
77 67.7 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020113.D (-841) (-)

Ion 108.00 (107.70 to 108.70): BM020113.D (-841) (-)

Ion 77.00 (76.70 to 77.70): BM020113.D (-841) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.551 ng

RT: 8.31 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

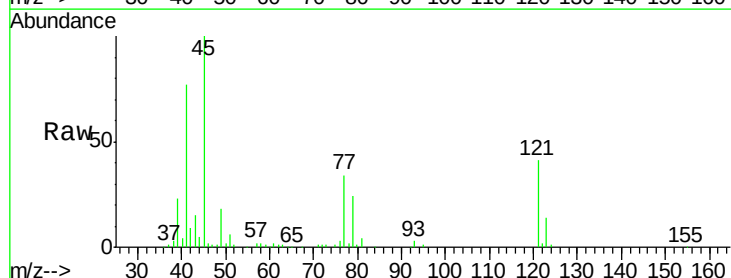
Tgt Ion: 45 Resp: 305560

Ion Ratio Lower Upper

45 100

77 34.0 10.5 50.5

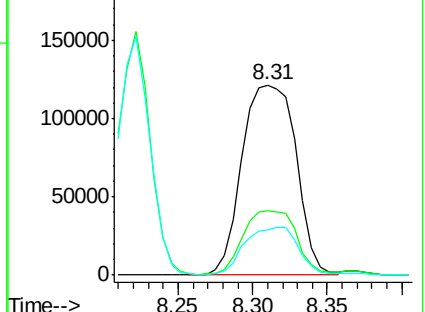
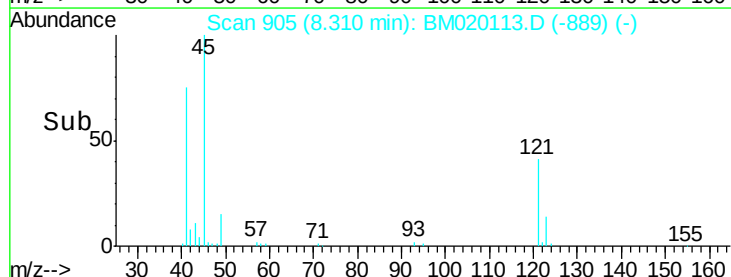
79 23.9 3.3 43.3

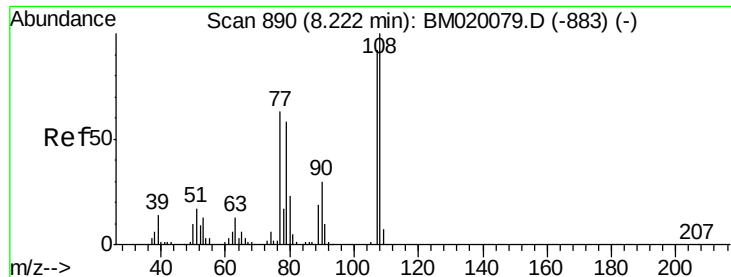


Abundance Ion 45.00 (44.70 to 45.70): BM020113.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020113.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020113.D (-889) (-)

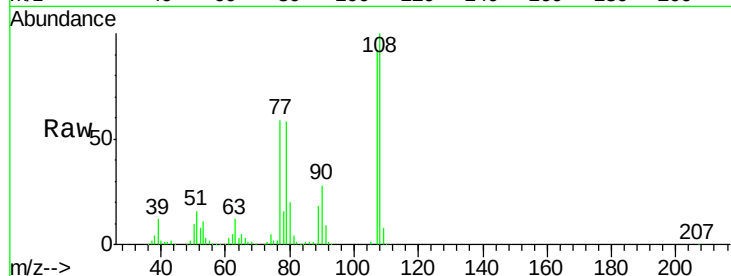




#17  
2-Methylphenol  
Concen: 50.473 ng  
RT: 8.22 min Scan# 890  
Delta R.T. -0.00 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 361641 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.8 | 87.0  | 130.4  |
| 77       | 64.2  | 54.7  | 82.1   |
| 79       | 63.0  | 50.1  | 75.1   |



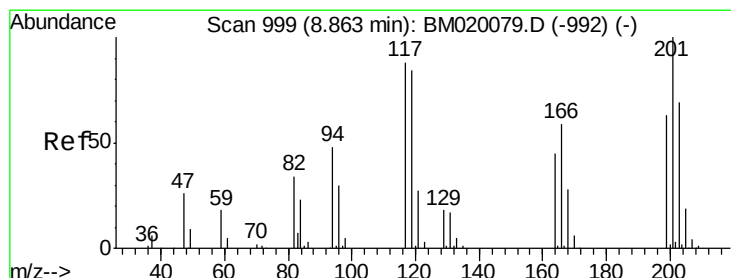
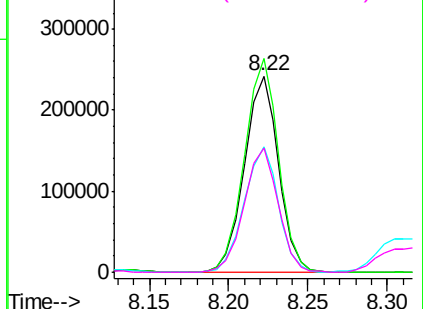
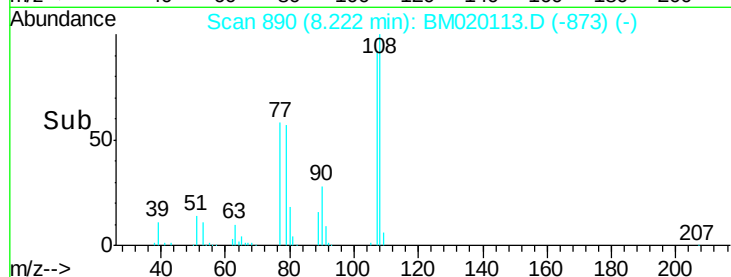
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

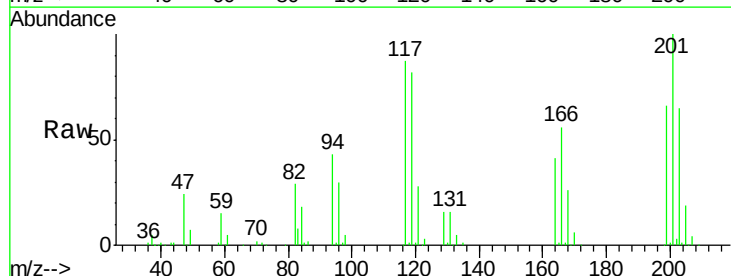
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18  
Hexachloroethane  
Concen: 46.781 ng  
RT: 8.86 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 188926 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.0  | 76.6  | 114.8  |
| 201      | 115.0 | 90.7  | 136.1  |

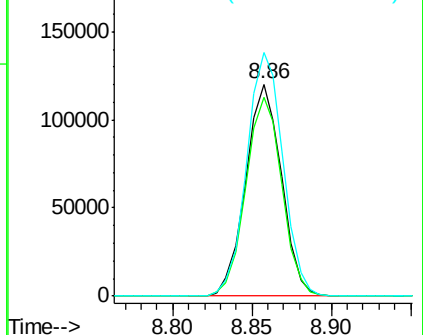
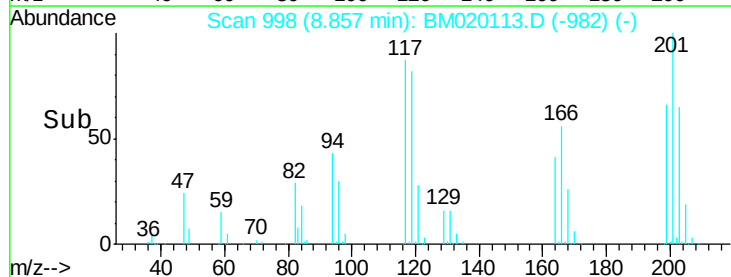


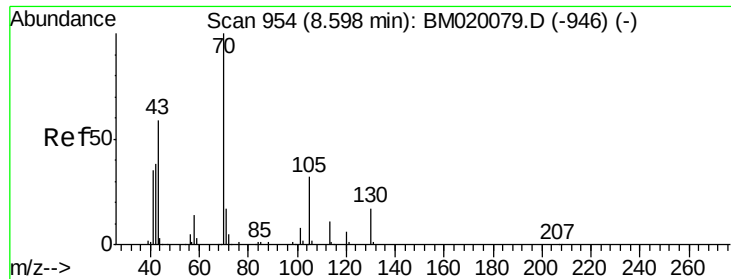
Abundance

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

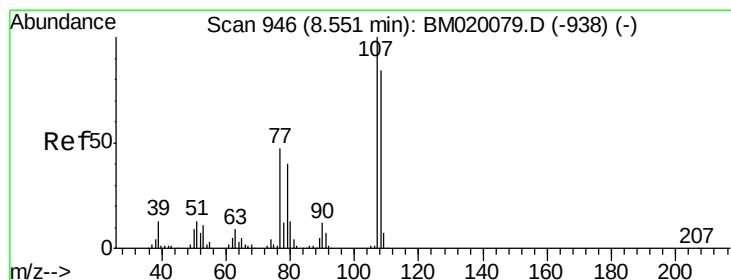
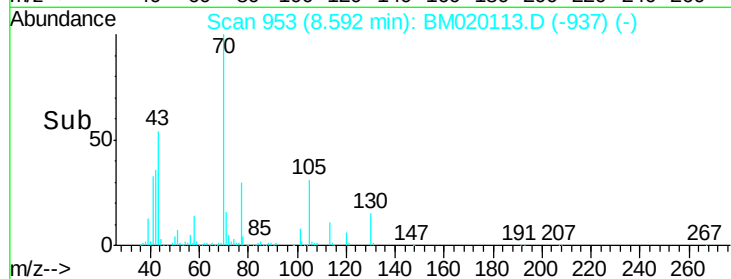
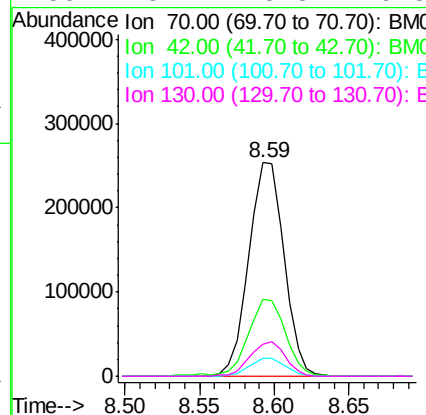
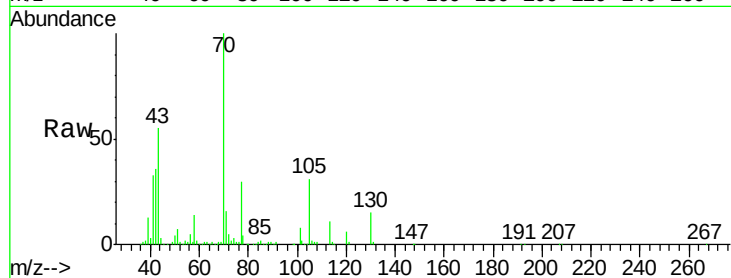




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.798 ng  
RT: 8.59 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

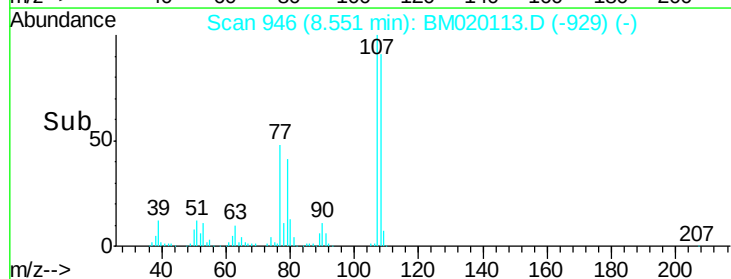
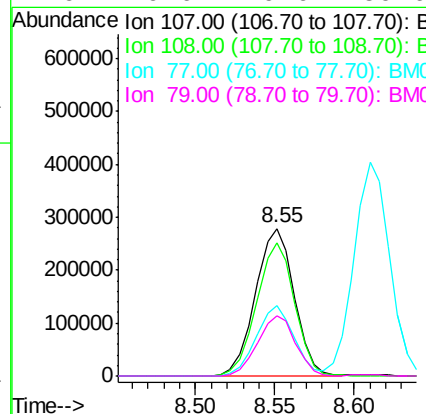
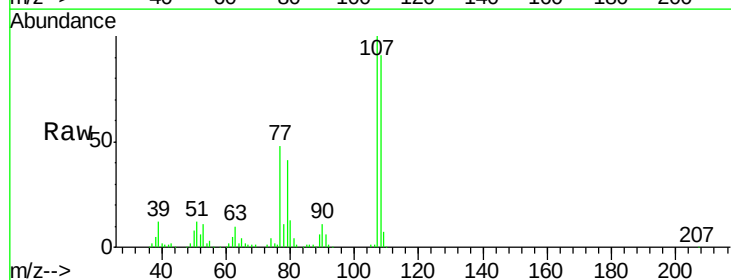
Instrument :  
BNA\_M  
ClientSampleId :

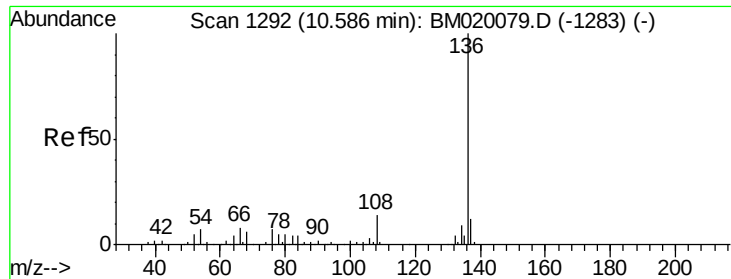
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 413955 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 36.2  | 31.0  | 46.4   |
| 101      | 8.3   | 6.2   | 9.2    |
| 130      | 15.1  | 13.5  | 20.3   |



#20  
3+4-Methylphenols  
Concen: 49.632 ng  
RT: 8.55 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 472628 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.5  | 64.4  | 104.4  |
| 77       | 47.6  | 27.2  | 67.2   |
| 79       | 40.6  | 19.6  | 59.6   |

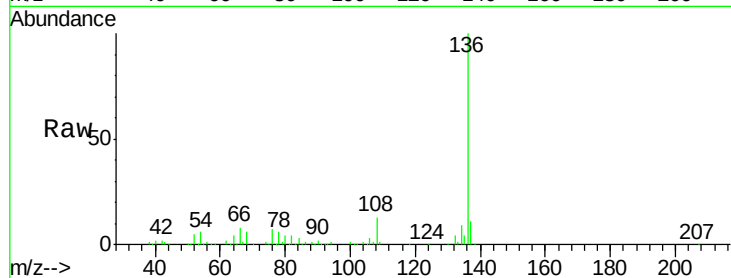




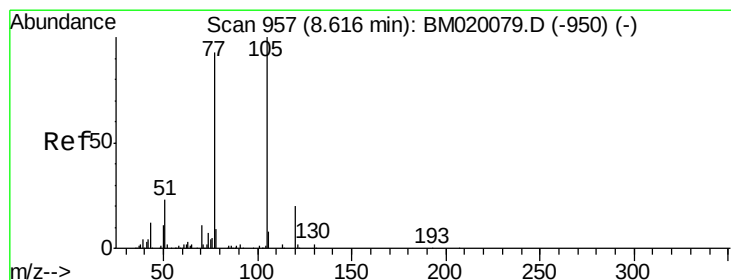
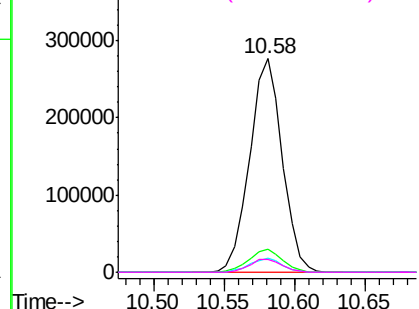
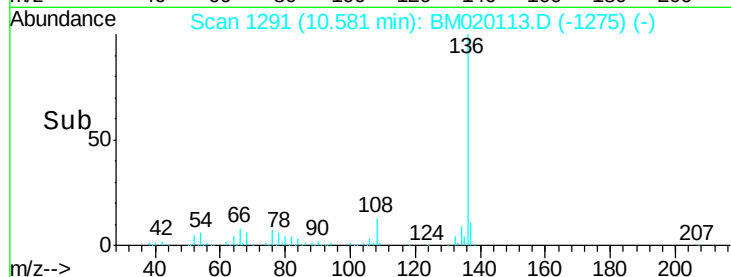
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.58 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 447842   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 9.6 14.4 |
| 54          | 6.5   | 5.5 8.3  |
| 68          | 5.8   | 4.6 6.8  |

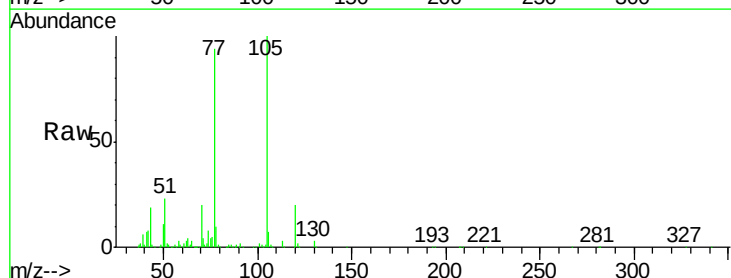


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

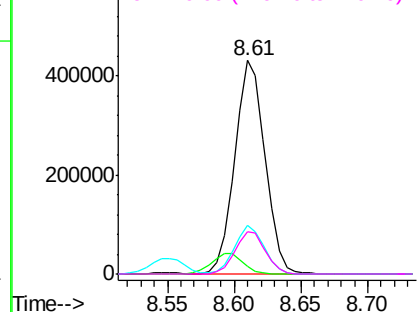
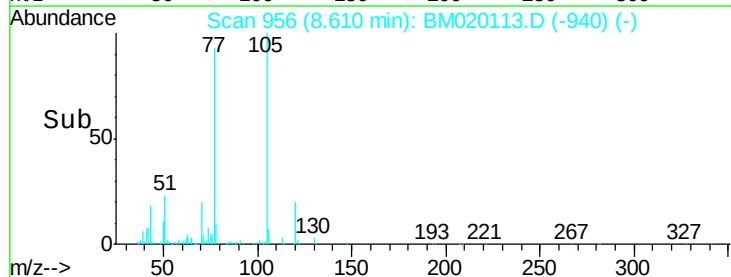


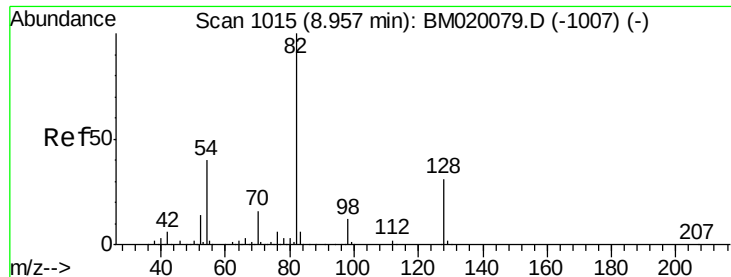
#22  
Acetophenone  
Concen: 55.251 ng  
RT: 8.61 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 676254    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 3.5   | 2.2 3.2#  |
| 51          | 22.8  | 19.3 28.9 |
| 120         | 19.8  | 16.2 24.4 |



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

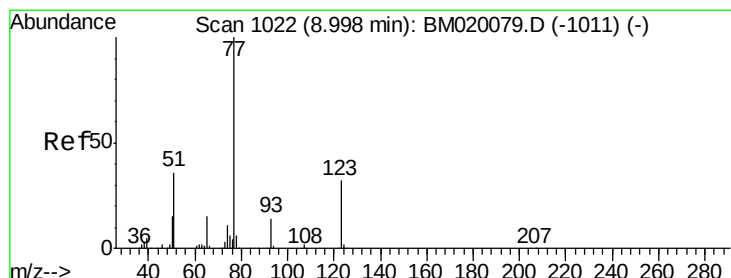
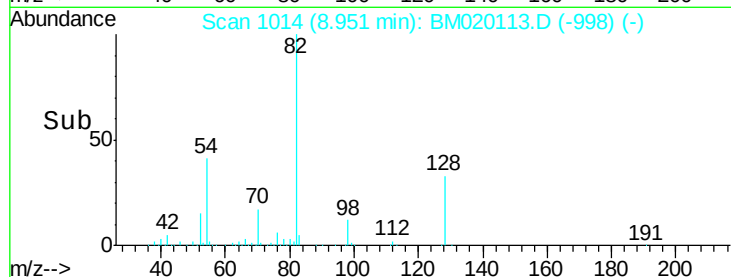
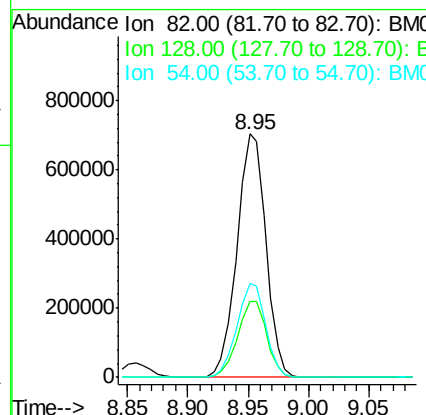
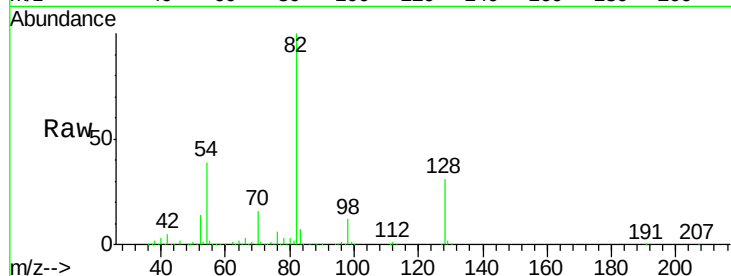




#23  
Nitrobenzene-d5  
Concen: 103.805 ng  
RT: 8.95 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

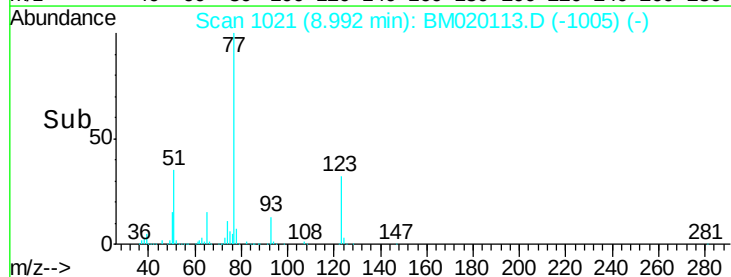
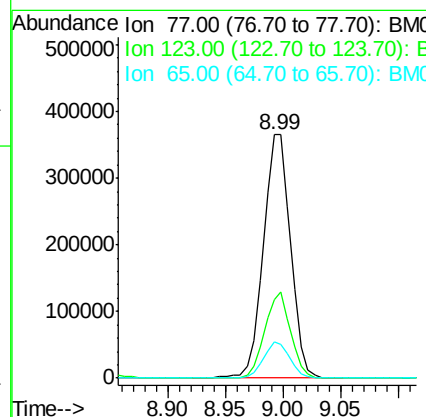
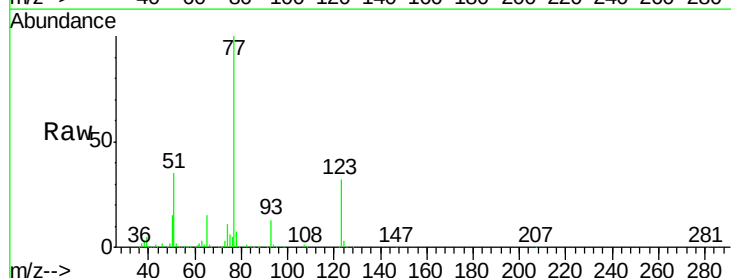
Instrument :  
BNA\_M  
ClientSampleId :

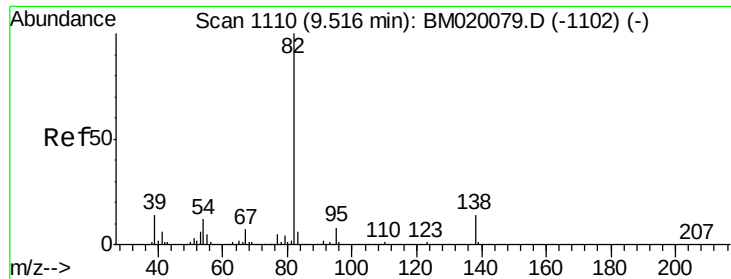
Tot Ion: 82 Resp: 1177514  
Ion Ratio Lower Upper  
82 100  
128 31.2 25.2 37.8  
54 38.7 31.9 47.9



#24  
Nitrobenzene  
Concen: 51.191 ng  
RT: 8.99 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion: 77 Resp: 602071  
Ion Ratio Lower Upper  
77 100  
123 32.3 25.5 38.3  
65 14.7 11.8 17.6





#25

Isophorone

Concen: 51.538 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

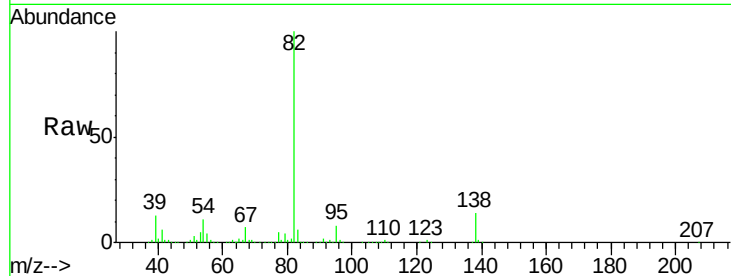
Tot Ion: 82 Resp: 1008172

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

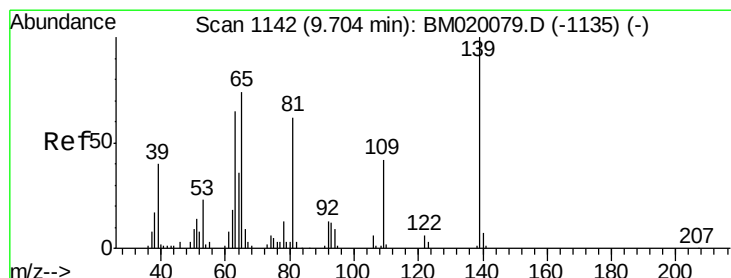
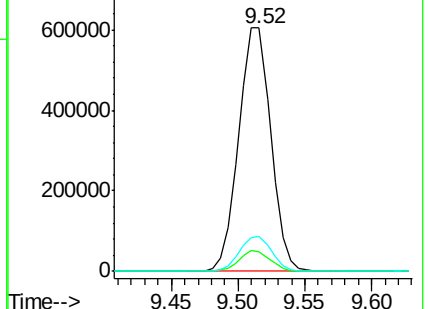
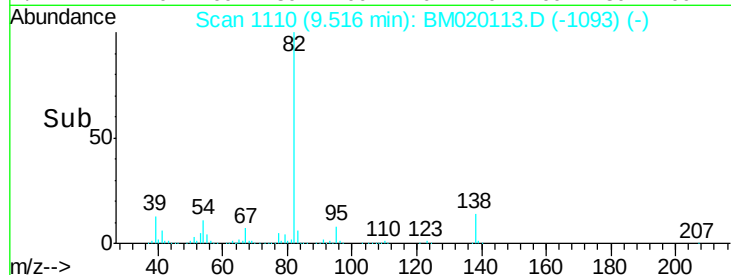
138 14.2 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020113.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM020113.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM020113.D (-1093) (-)



#26

2-Nitrophenol

Concen: 57.574 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

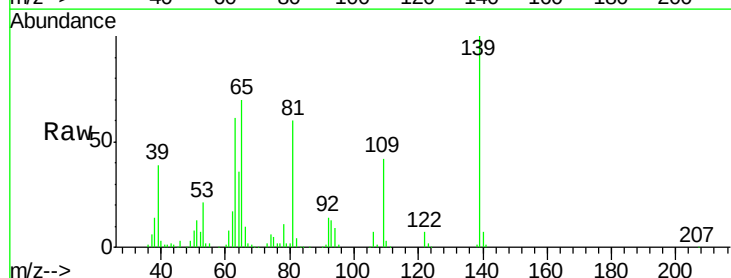
Tgt Ion: 139 Resp: 204430

Ion Ratio Lower Upper

139 100

109 42.2 33.7 50.5

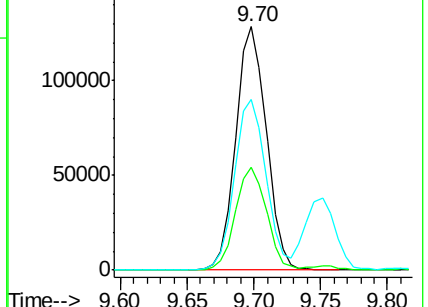
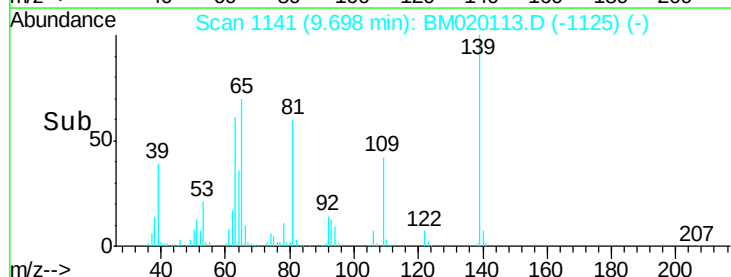
65 70.2 59.5 89.3



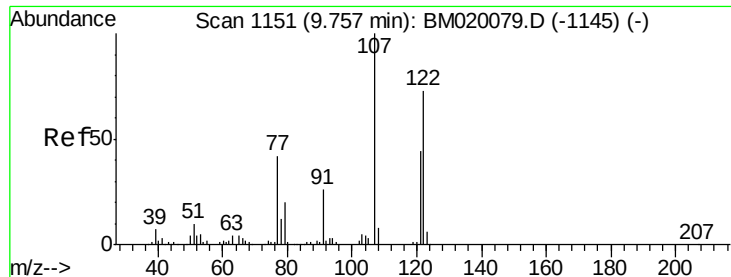
Abundance Ion 139.00 (138.70 to 139.70): BM020113.D (-1125) (-)

Ion 109.00 (108.70 to 109.70): BM020113.D (-1125) (-)

Ion 65.00 (64.70 to 65.70): BM020113.D (-1125) (-)







#27

2,4-Dimethylphenol

Concen: 62.563 ng

RT: 9.75 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampled :

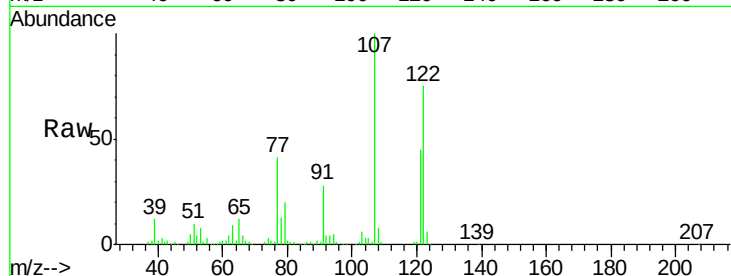
Tot Ion:122 Resp: 369838

Ion Ratio Lower Upper

122 100

107 133.7 108.6 162.8

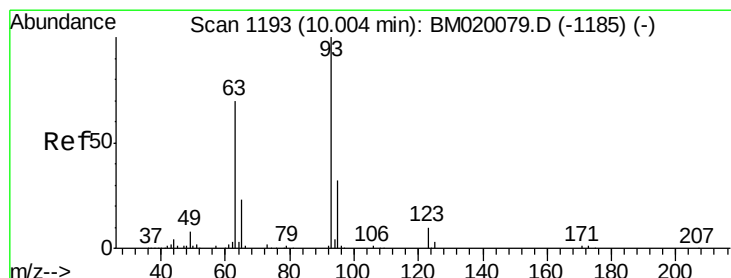
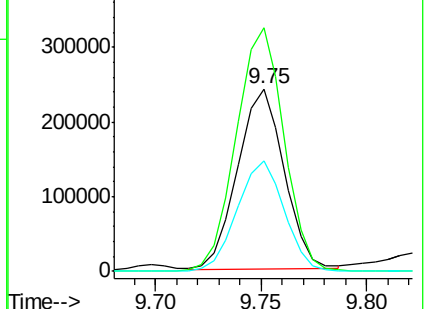
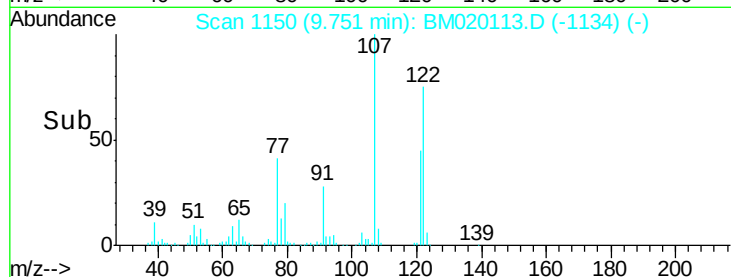
121 60.6 47.4 71.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.343 ng

RT: 10.00 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

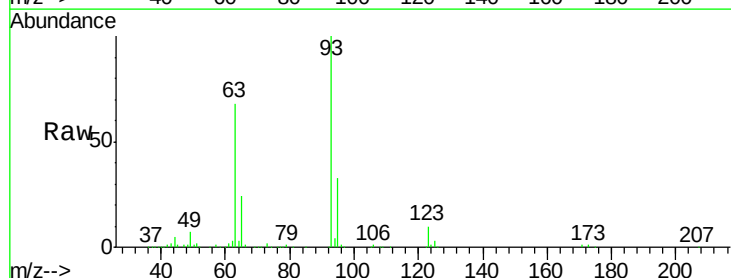
Tgt Ion: 93 Resp: 547006

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

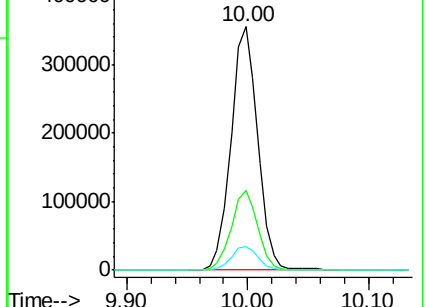
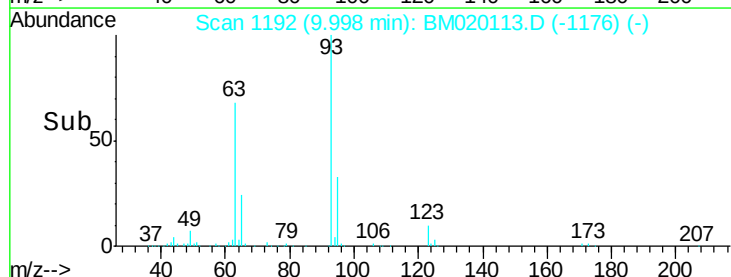
123 9.6 7.6 11.4

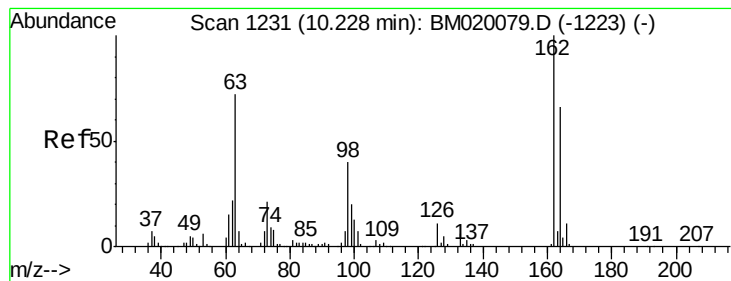


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 54.894 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

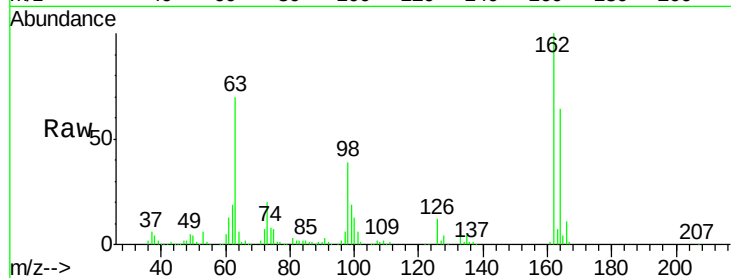
Tot Ion:162 Resp: 409187

Ion Ratio Lower Upper

162 100

164 63.8 45.6 85.6

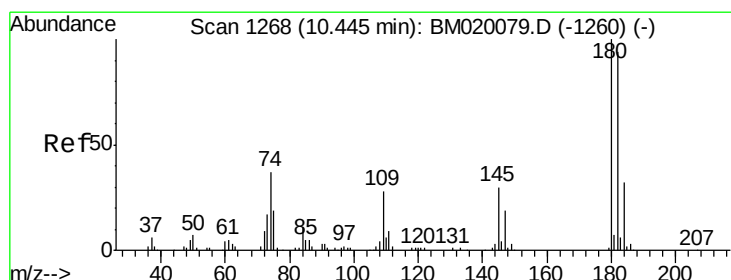
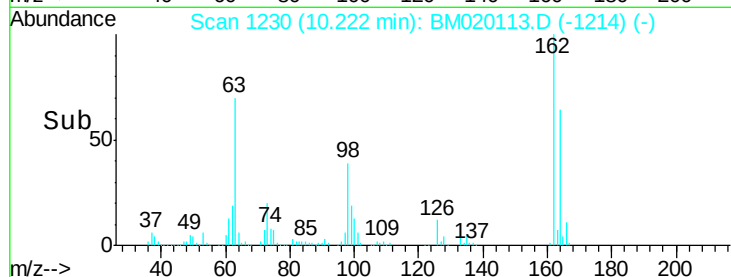
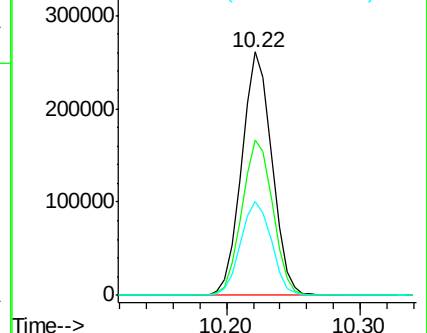
98 38.5 20.4 60.4



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: 53.489 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

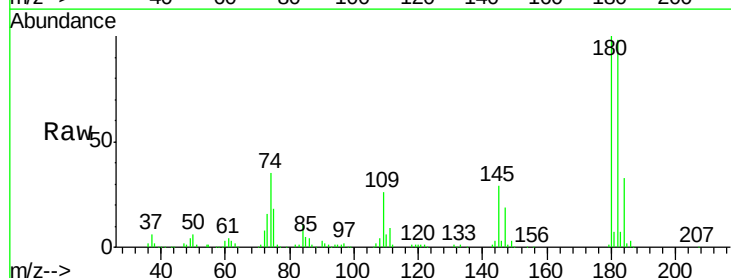
Tgt Ion:180 Resp: 490600

Ion Ratio Lower Upper

180 100

182 98.0 75.4 113.0

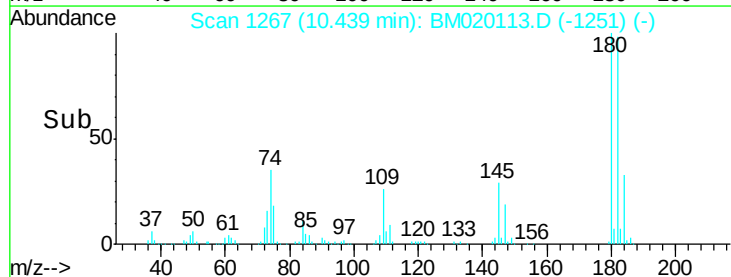
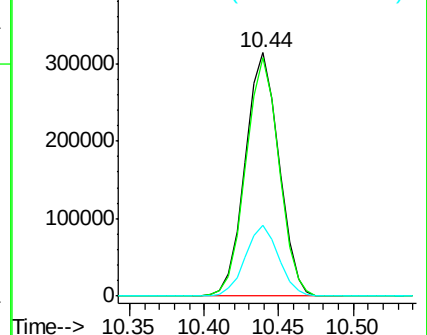
145 29.0 23.8 35.8

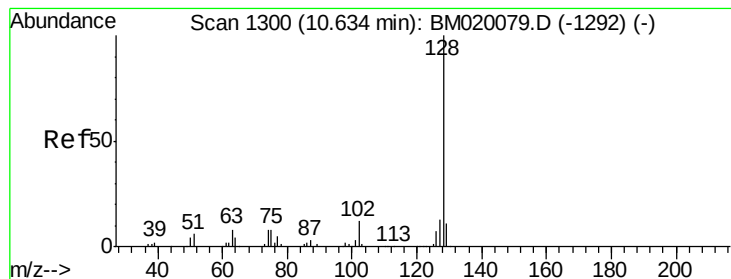


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.296 ng

RT: 10.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

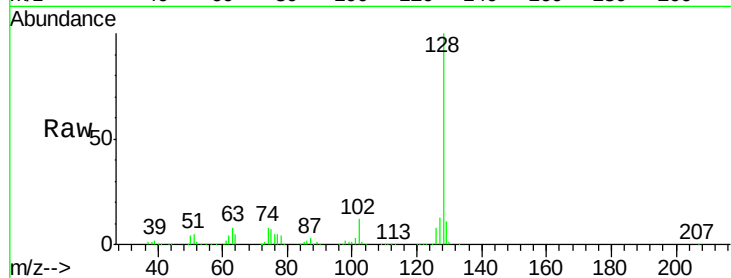
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:128 Resp: 1215367

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.8  | 9.0   | 13.4  |
| 127 | 13.2  | 10.4  | 15.6  |

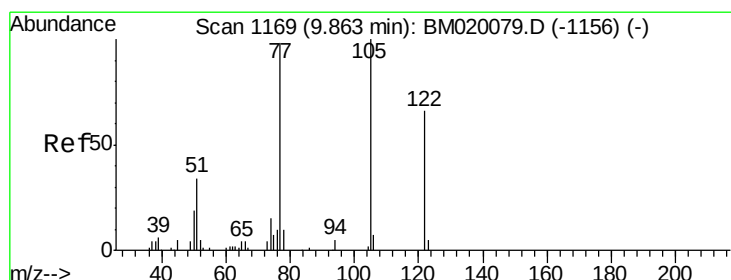
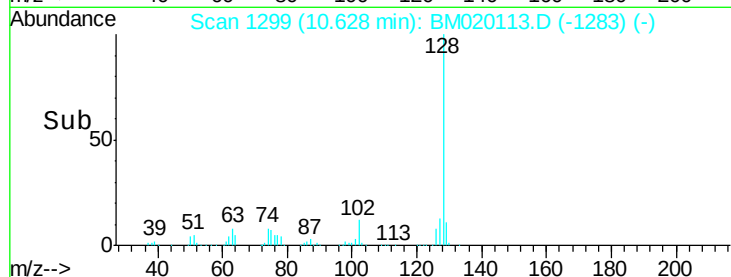
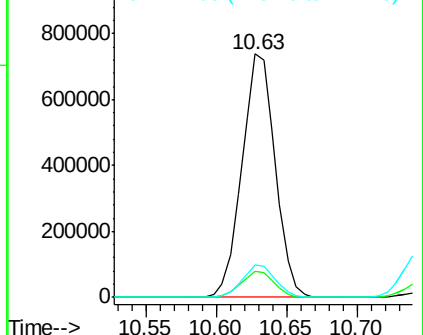


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.106 ng

RT: 9.85 min Scan# 1167

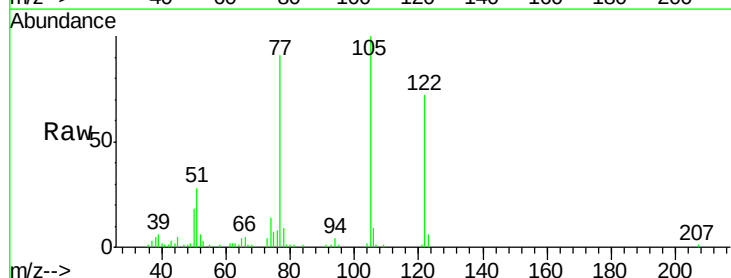
Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:122 Resp: 129237

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 139.1 | 122.5 | 162.5 |
| 77  | 126.9 | 123.3 | 163.3 |

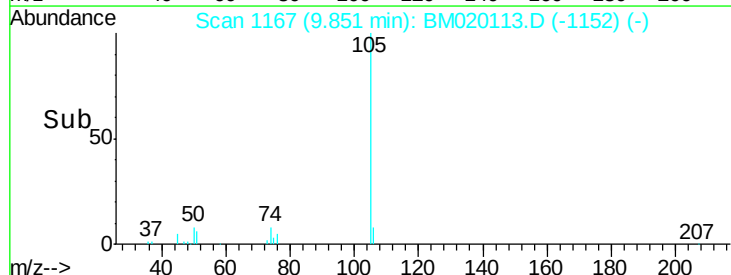
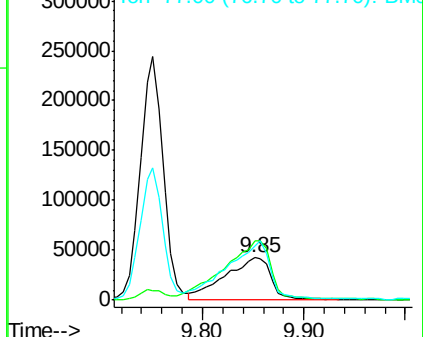


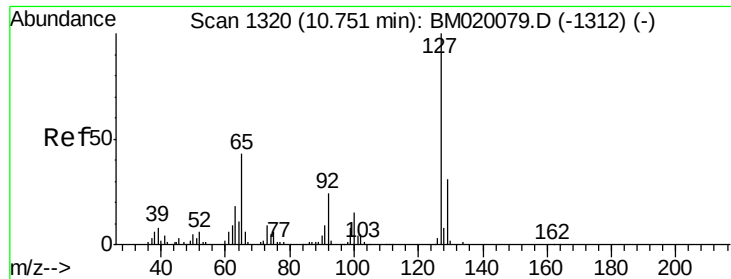
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

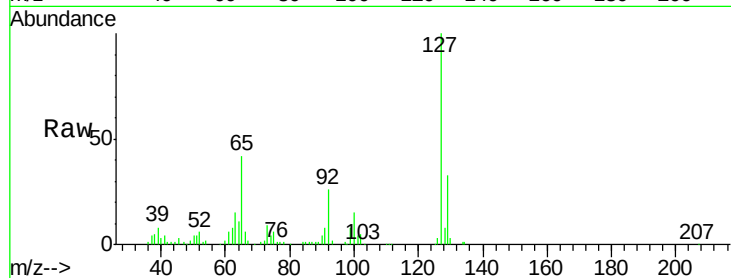




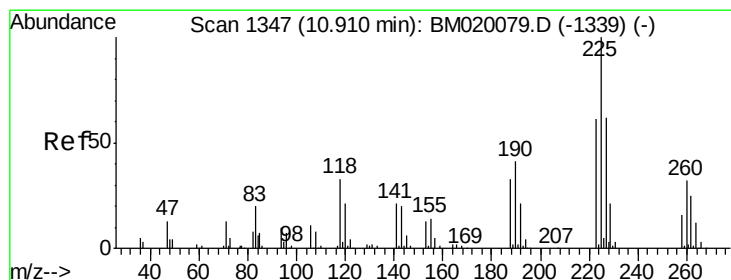
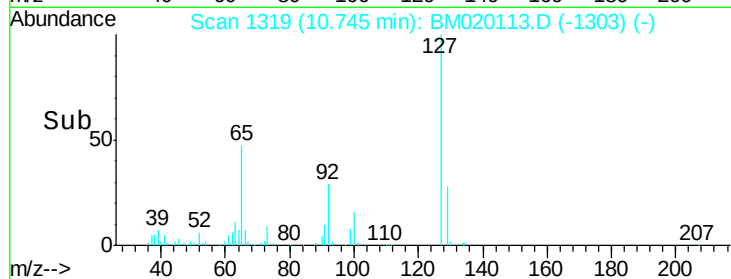
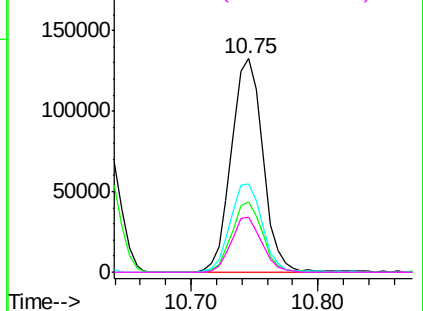
#33  
4-Chloroaniline  
Concen: 23.937 ng  
RT: 10.75 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 228965 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 24.7  | 37.1   |
| 65       | 41.6  | 34.6  | 52.0   |
| 92       | 26.0  | 19.5  | 29.3   |

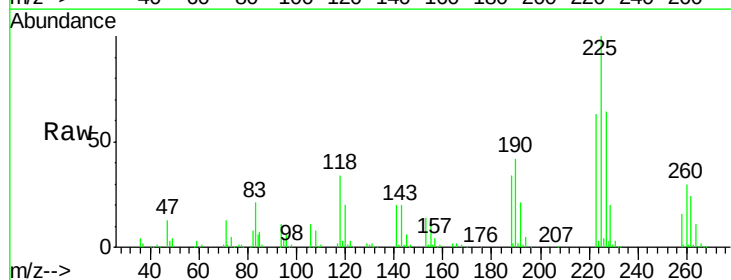


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

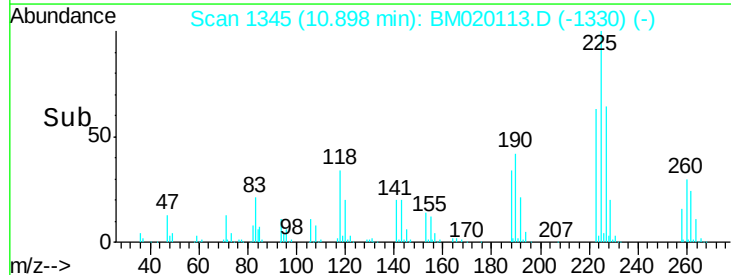
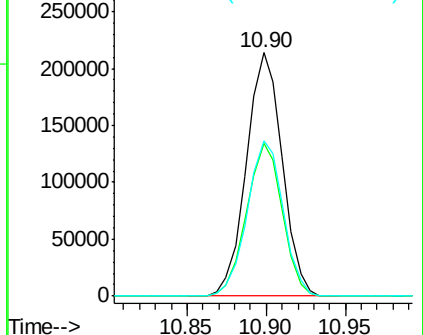


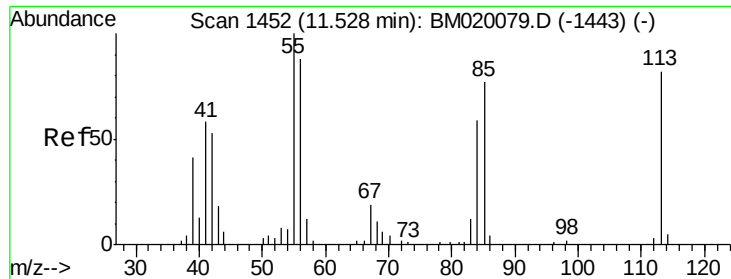
#34  
Hexachlorobutadiene  
Concen: 51.856 ng  
RT: 10.90 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 336459 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 48.9  | 73.3   |
| 227      | 63.5  | 49.6  | 74.4   |



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

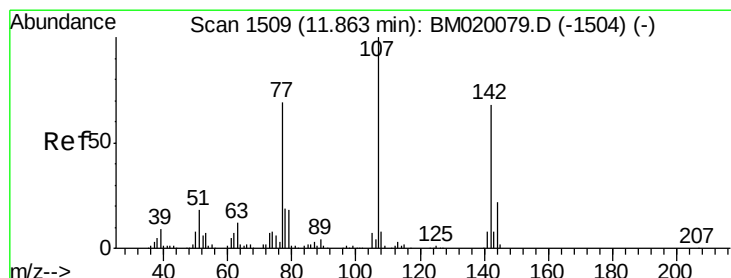
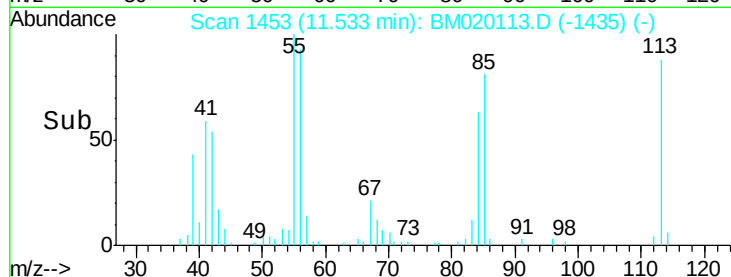
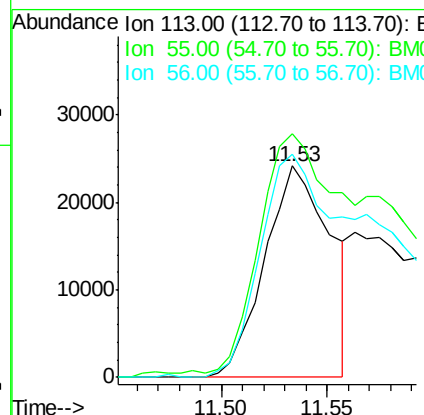
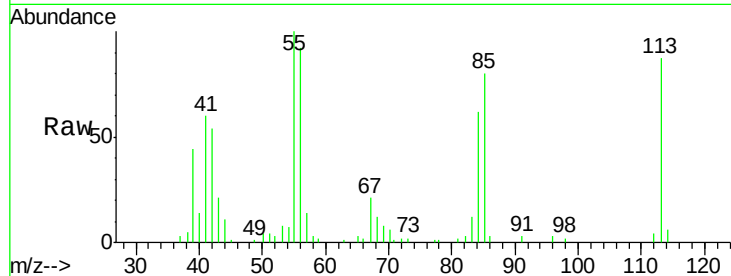




#35  
Caprolactam  
Concen: 23.361 ng  
RT: 11.53 min Scan# 1453  
Delta R.T. 0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

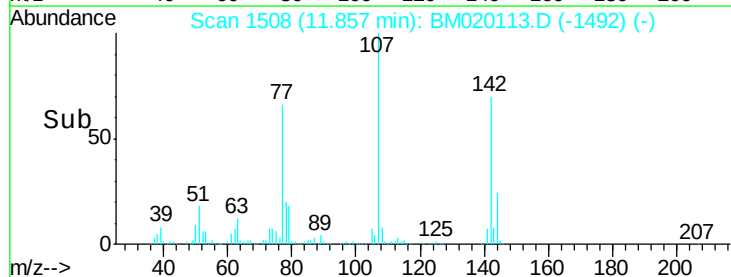
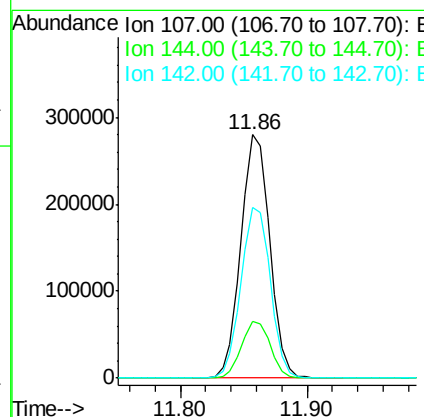
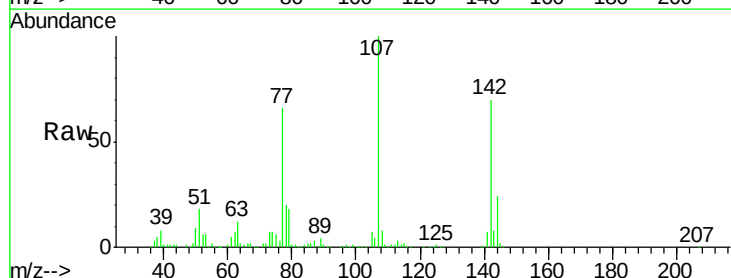
Instrument :  
BNA\_M  
ClientSampleId :

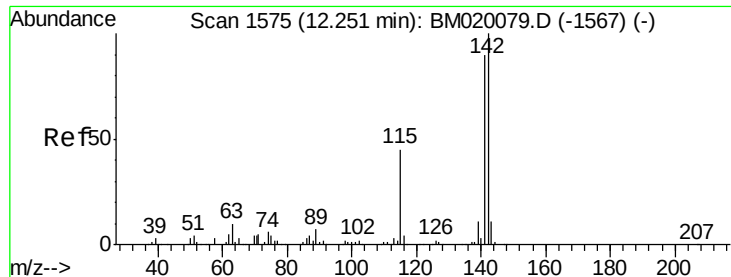
Tot Ion:113 Resp: 52070  
Ion Ratio Lower Upper  
113 100  
55 115.3 102.5 142.5  
56 105.6 87.7 127.7



#36  
4-Chloro-3-methylphenol  
Concen: 50.455 ng  
RT: 11.86 min Scan# 1508  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion:107 Resp: 441976  
Ion Ratio Lower Upper  
107 100  
144 23.5 17.6 26.4  
142 70.0 54.6 82.0

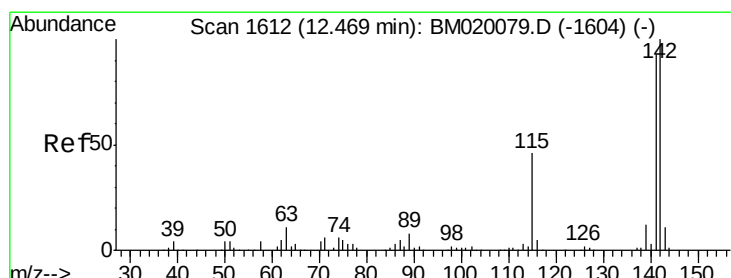
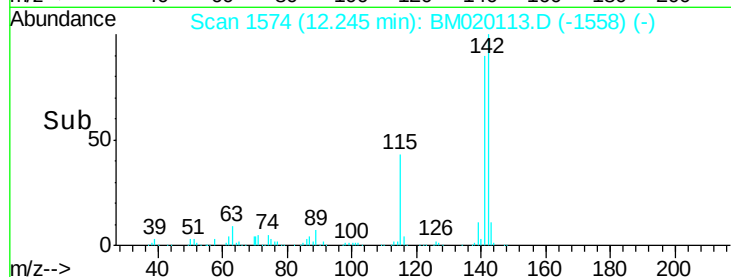
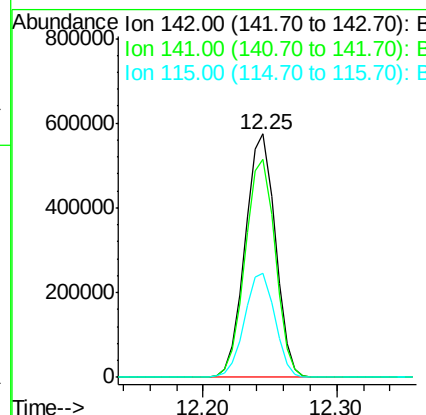
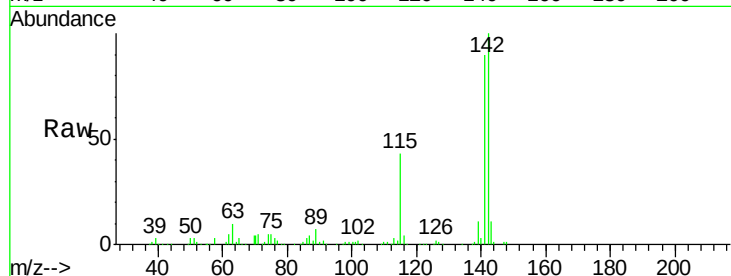




#37  
2-Methylnaphthalene  
Concen: 52.882 ng  
RT: 12.25 min Scan# 1574  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

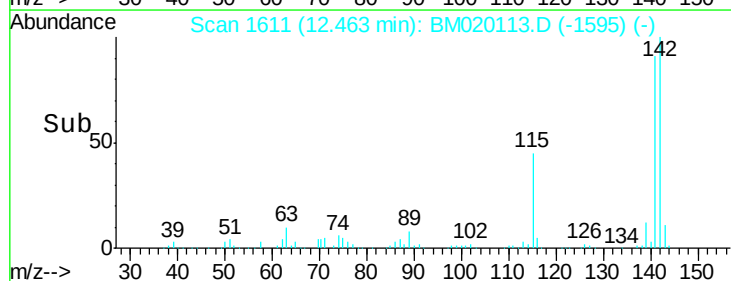
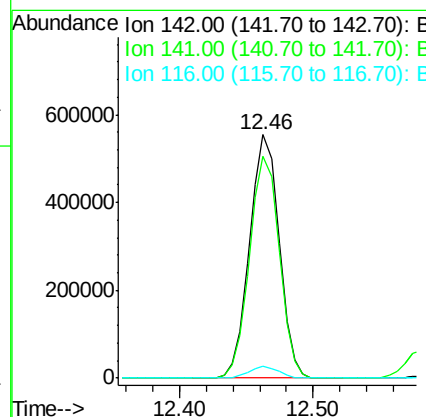
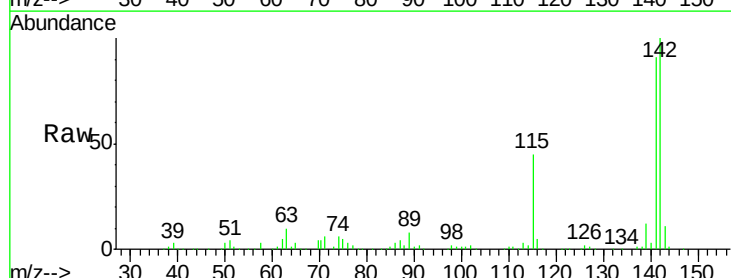
Instrument :  
BNA\_M  
ClientSampleId :

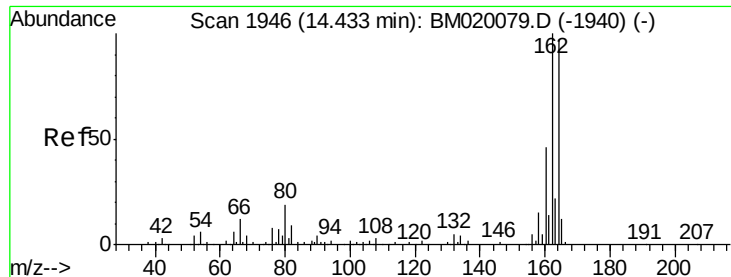
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 71.6  | 107.4 |
| 115     | 42.8  | 35.8  | 53.6  |



#38  
1-Methylnaphthalene  
Concen: 51.017 ng  
RT: 12.46 min Scan# 1611  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.3  | 74.8  | 112.2 |
| 116     | 4.8   | 3.9   | 5.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

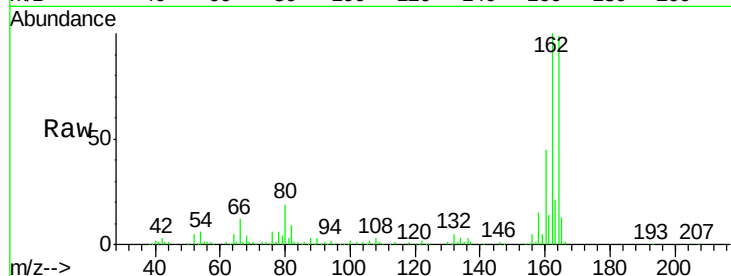
Tot Ion:164 Resp: 264249

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.2

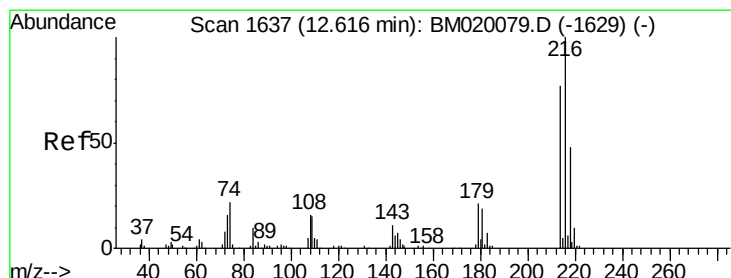
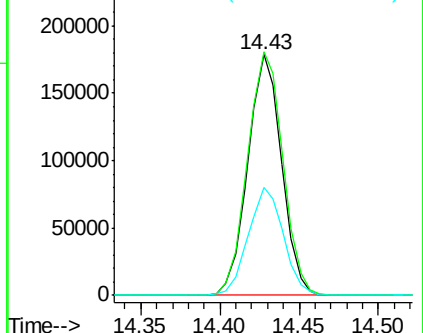
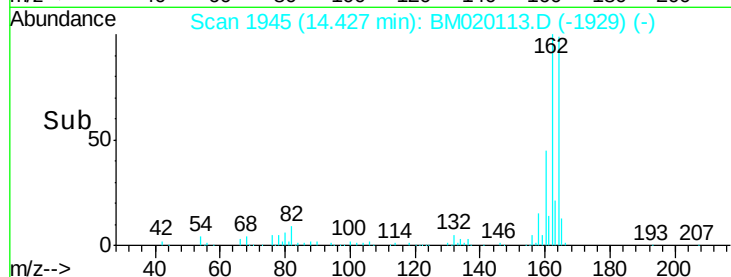
160 45.1 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.321 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:216 Resp: 582271

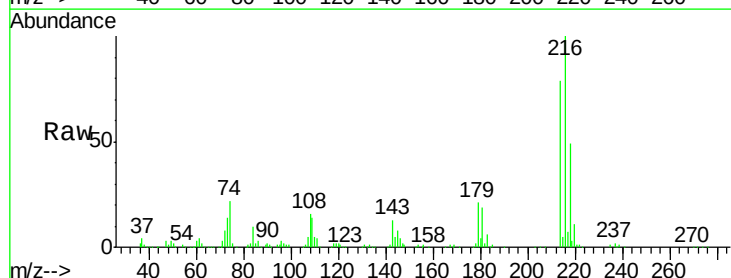
Ion Ratio Lower Upper

216 100

214 77.9 62.6 94.0

179 20.4 17.1 25.7

108 21.2 15.8 23.6

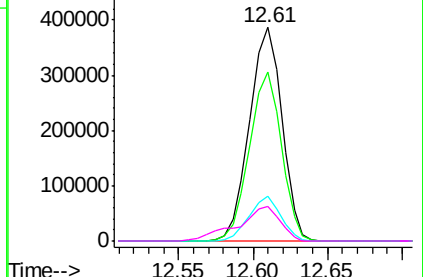
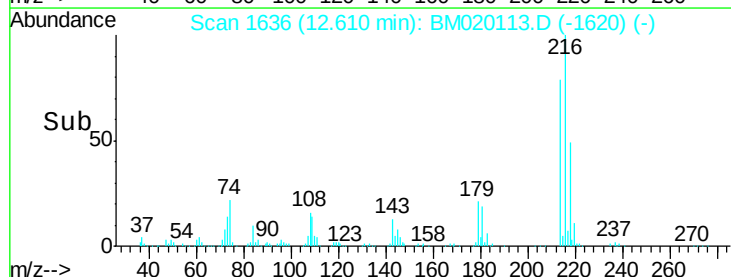


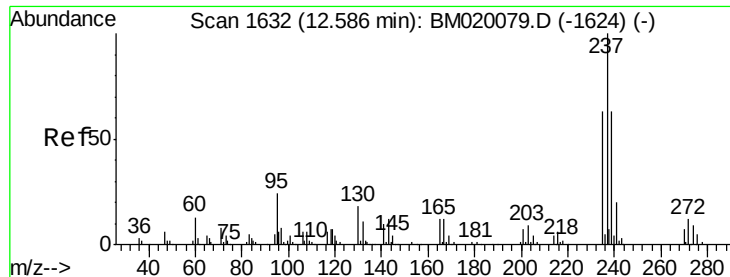
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 141.427 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

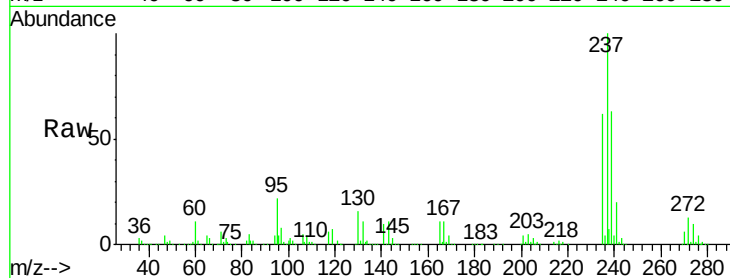
Tot Ion:237 Resp: 860911

Ion Ratio Lower Upper

237 100

235 61.8 43.4 83.4

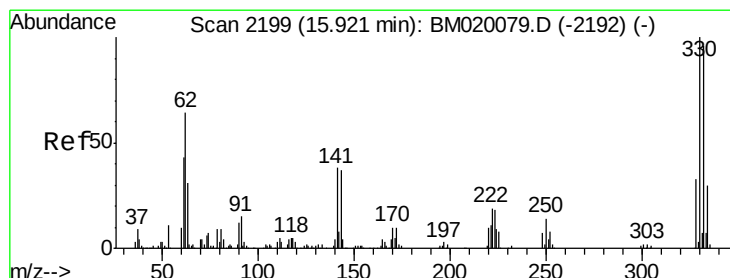
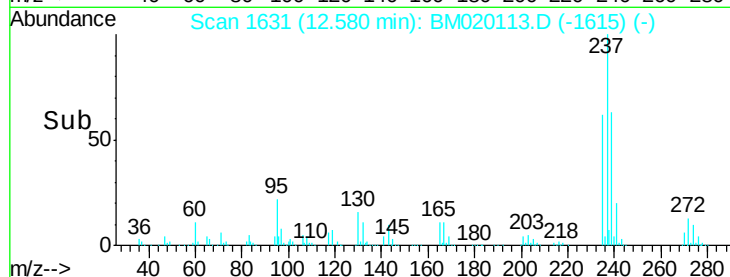
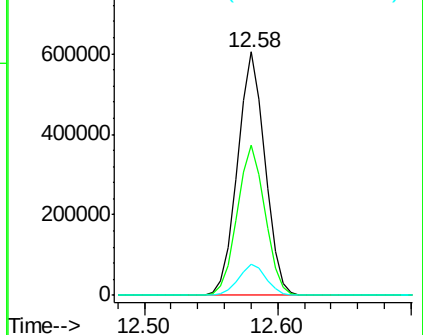
272 12.6 0.0 31.7



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: 162.720 ng

RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

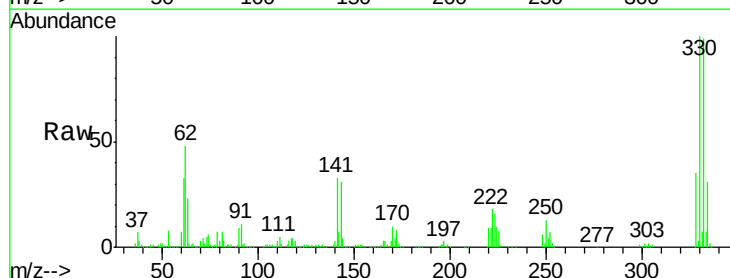
Tgt Ion:330 Resp: 667419

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

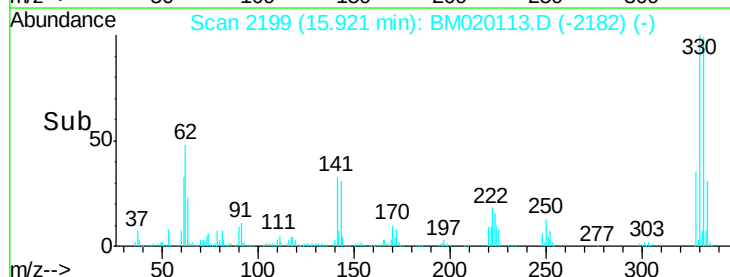
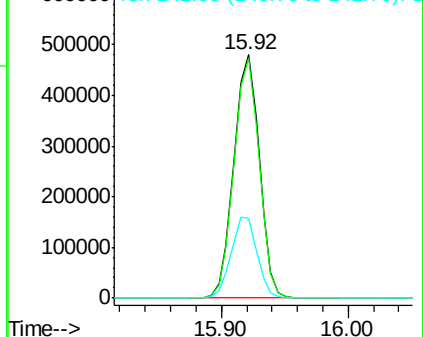
141 34.0 29.2 43.8



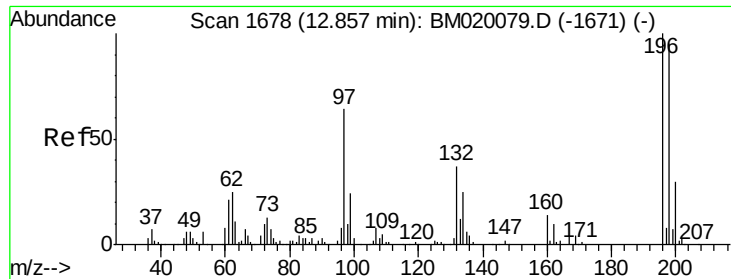
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



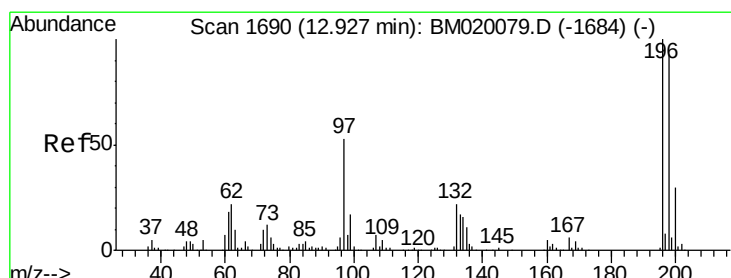
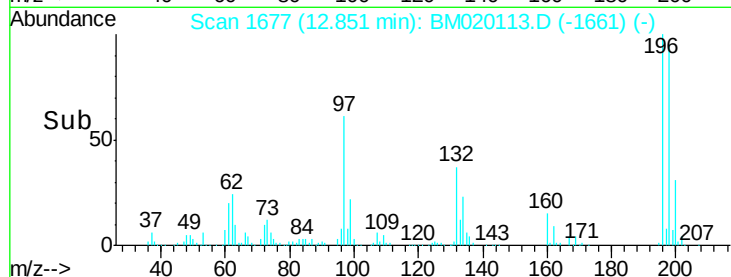
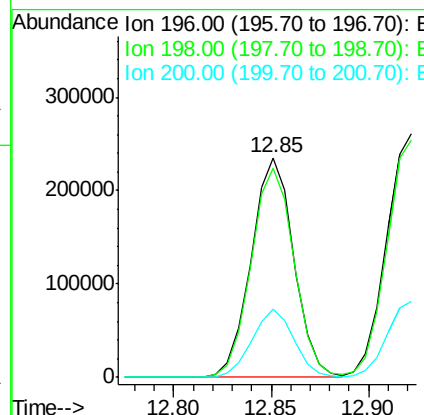
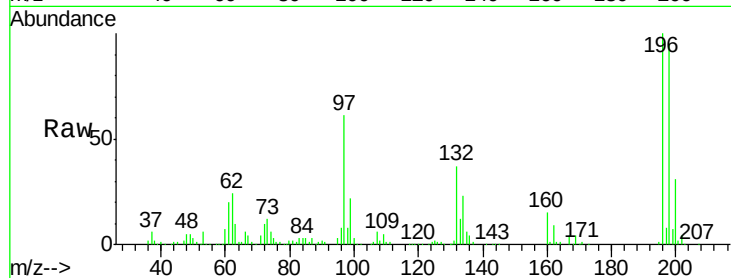




#43  
 2,4,6-Trichlorophenol  
 Concen: 60.265 ng  
 RT: 12.85 min Scan# 1677  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

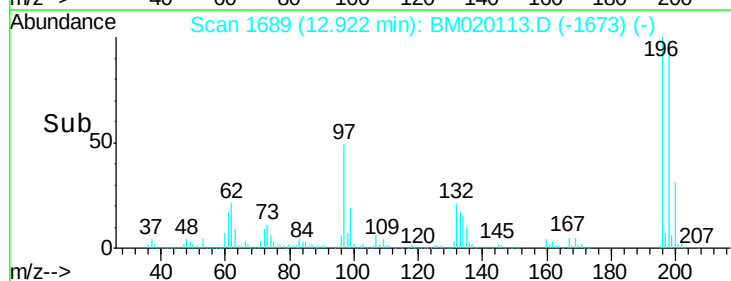
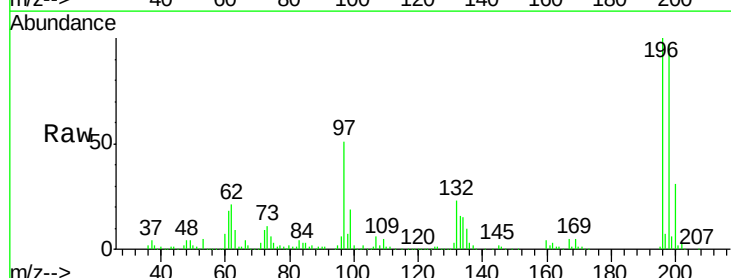
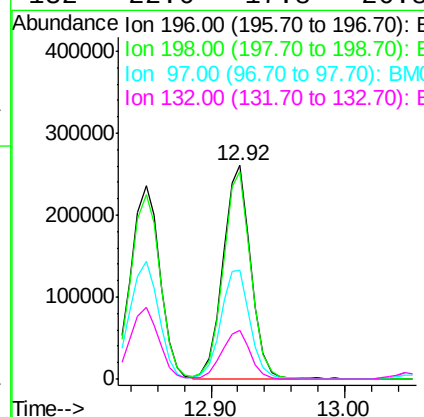
Instrument :  
 BNA\_M  
 ClientSampleId :

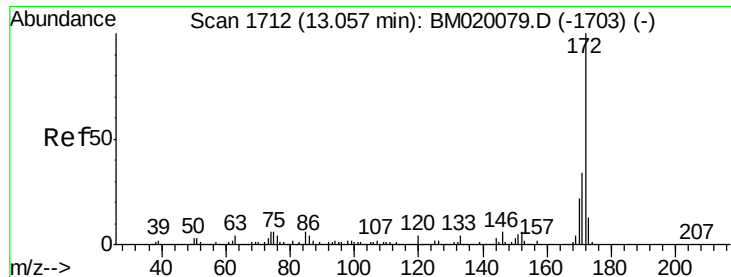
| Tot Ion   | 196   | Resp  | 354095 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.3  | 76.2  | 114.2  |
| 200       | 31.3  | 24.3  | 36.5   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 57.729 ng  
 RT: 12.92 min Scan# 1689  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

| Tgt Ion   | 196   | Resp  | 378928 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.3  | 74.7  | 112.1  |
| 97        | 50.7  | 42.2  | 63.4   |
| 132       | 22.6  | 17.8  | 26.8   |



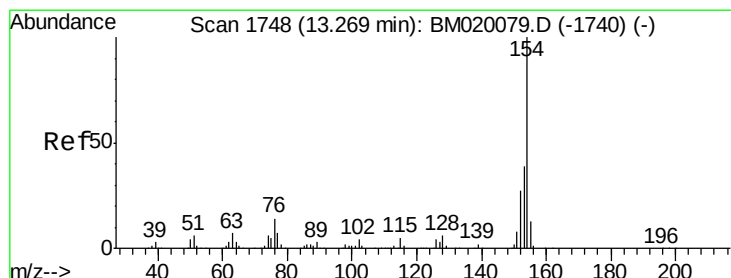
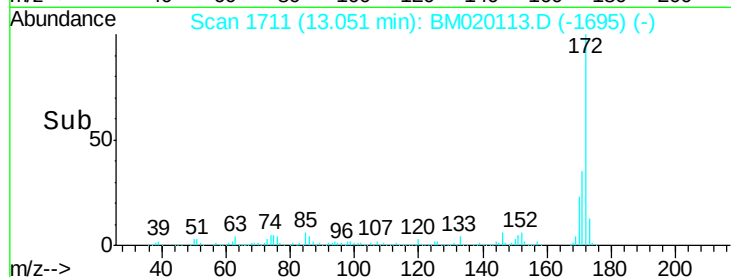
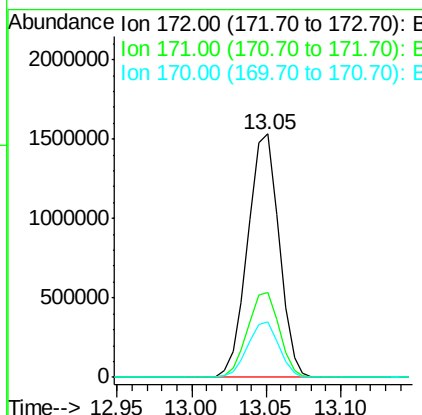
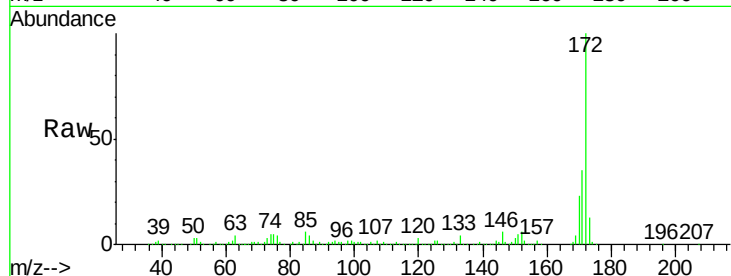


#45  
2-Fluorobiphenyl  
Concen: 103.703 ng  
RT: 13.05 min Scan# 1711  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:172 Resp: 2227262

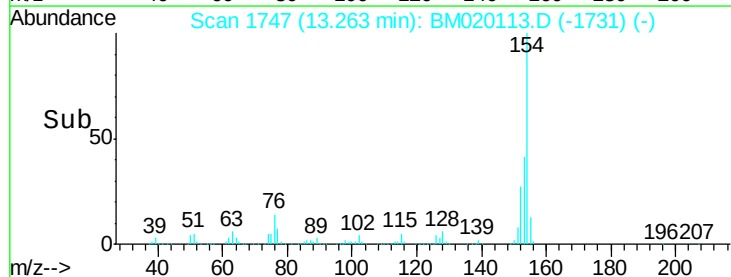
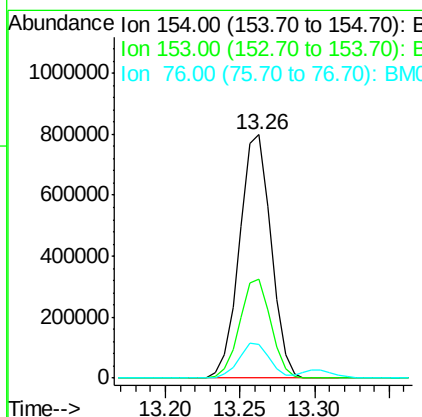
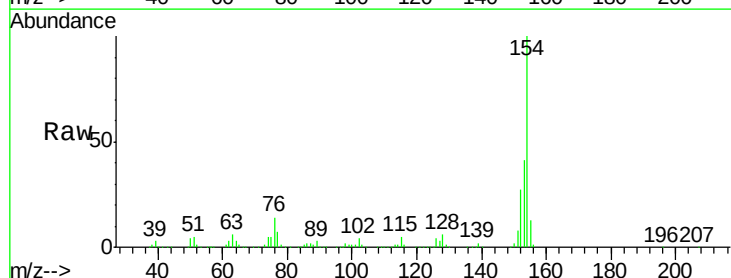
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 34.9  | 27.3  | 40.9  |
| 170 | 22.9  | 17.9  | 26.9  |

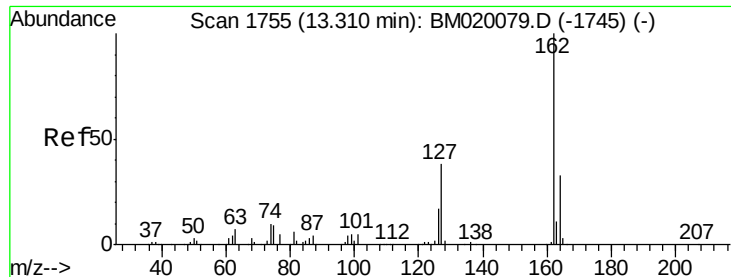


#46  
1,1'-Biphenyl  
Concen: 53.715 ng  
RT: 13.26 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion:154 Resp: 1168304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.7  | 19.4  | 59.4  |
| 76  | 13.9  | 0.0   | 34.5  |

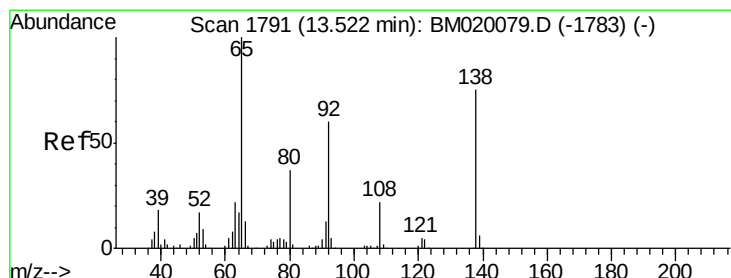
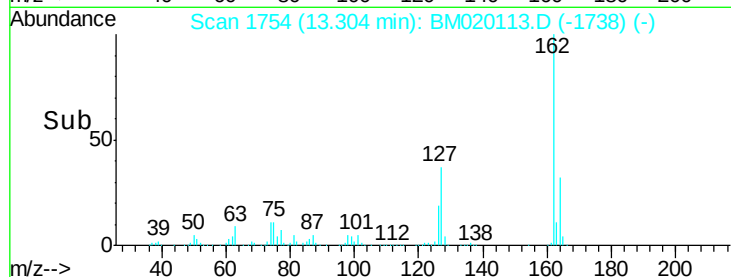
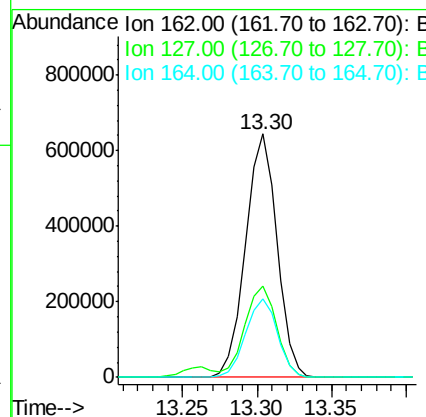
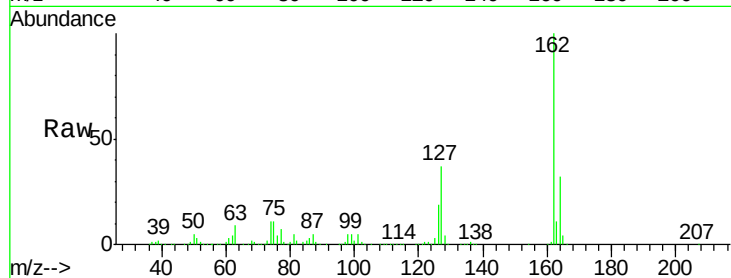




#47  
2-Chloronaphthalene  
Concen: 53.983 ng  
RT: 13.30 min Scan# 1754  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

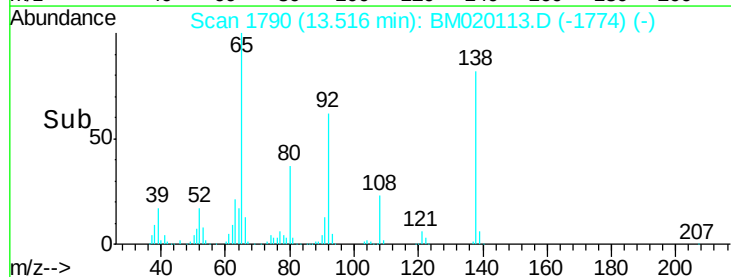
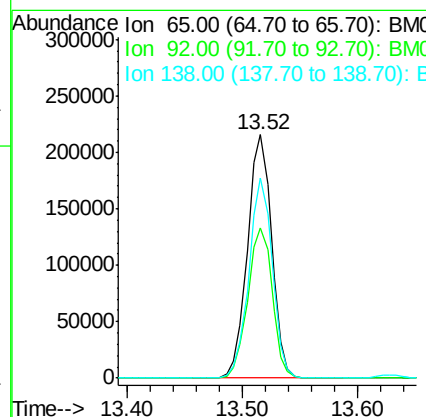
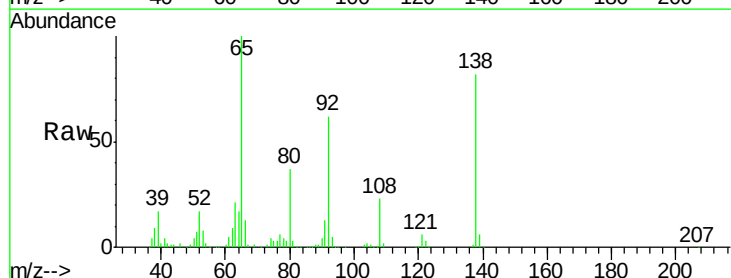
Instrument :  
BNA\_M  
ClientSampleId :

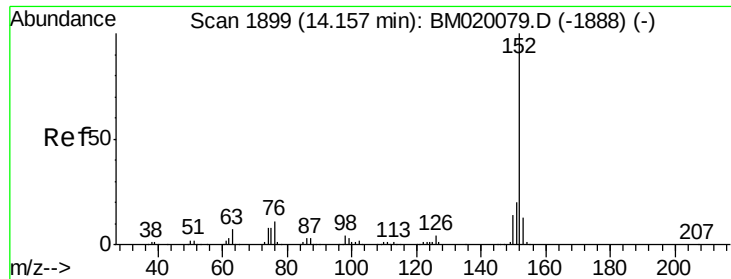
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.3  | 31.0  | 46.4  |
| 164     | 32.4  | 26.2  | 39.2  |



#48  
2-Nitroaniline  
Concen: 51.050 ng  
RT: 13.52 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.7  | 48.2  | 72.4  |
| 138     | 82.4  | 60.3  | 90.5  |





#49

Acenaphthylene

Concen: 50.577 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

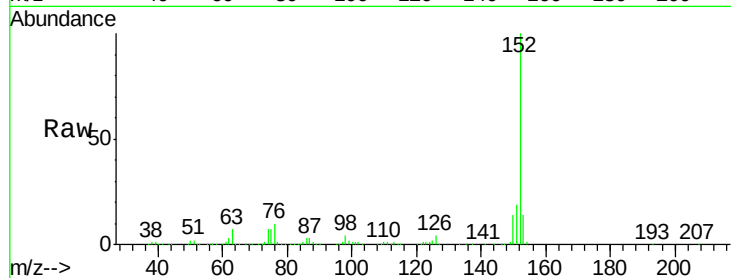
Tot Ion:152 Resp: 1405646

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

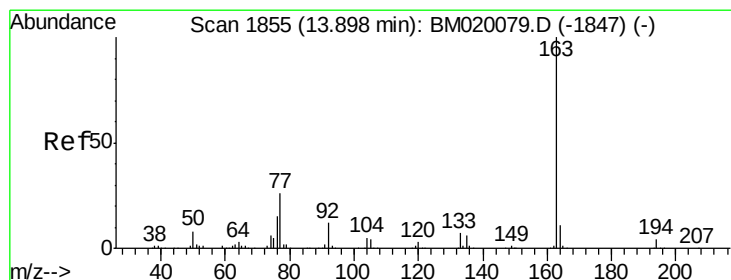
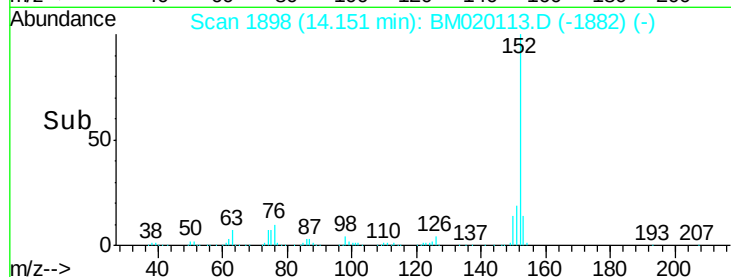
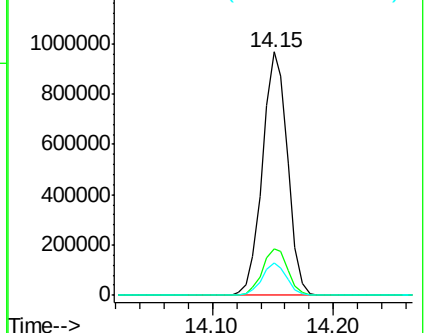
153 13.5 10.6 16.0



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: 61.179 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

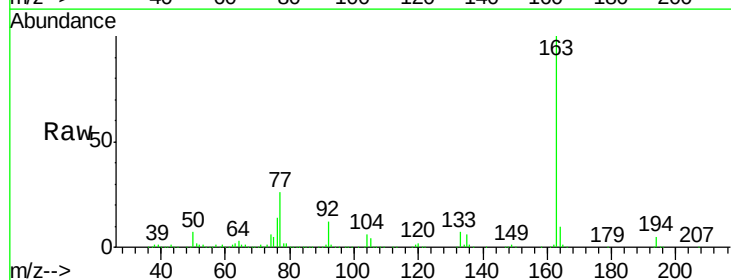
Tgt Ion:163 Resp: 1374022

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

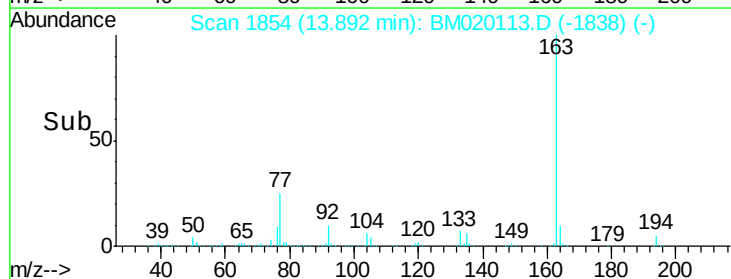
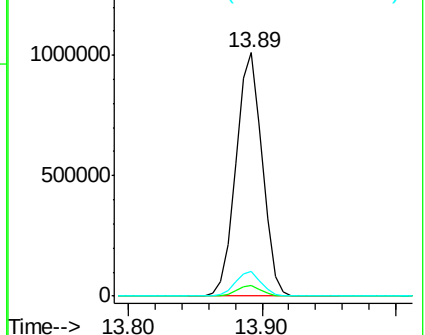
164 10.1 8.4 12.6

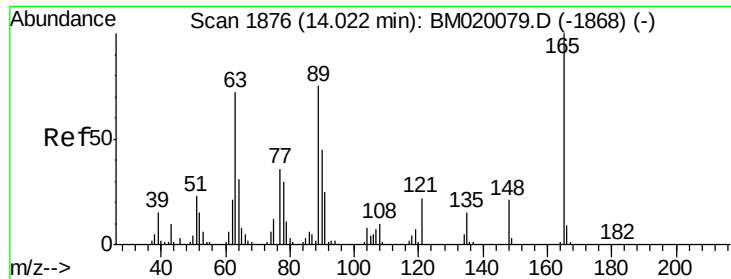


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.345 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

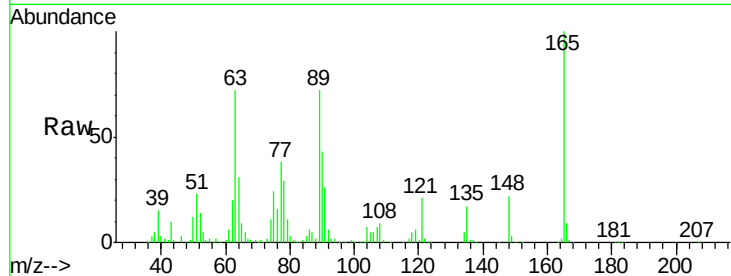
Tot Ion:165 Resp: 238152

Ion Ratio Lower Upper

165 100

63 71.8 60.3 90.5

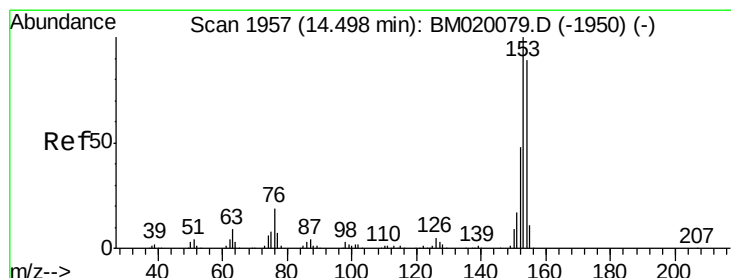
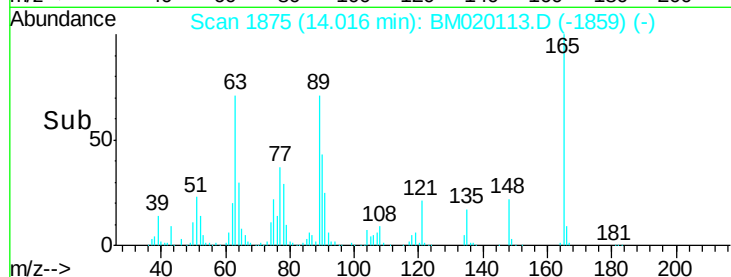
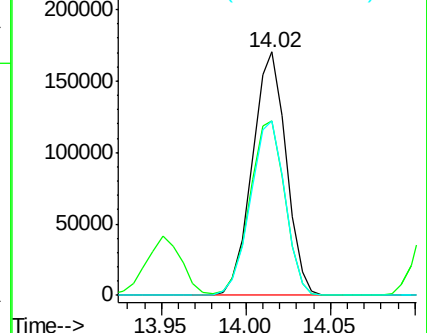
89 71.7 59.8 89.6



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



#52

Acenaphthene

Concen: 51.842 ng

RT: 14.49 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

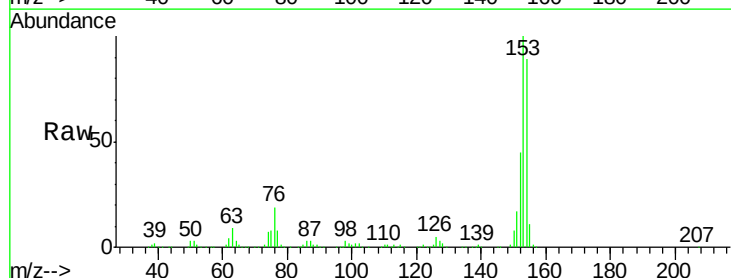
Tgt Ion:154 Resp: 826227

Ion Ratio Lower Upper

154 100

153 112.6 90.2 135.2

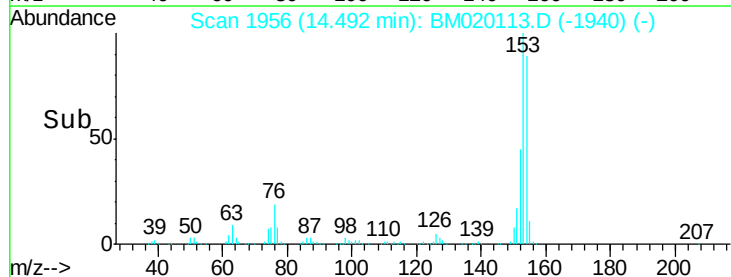
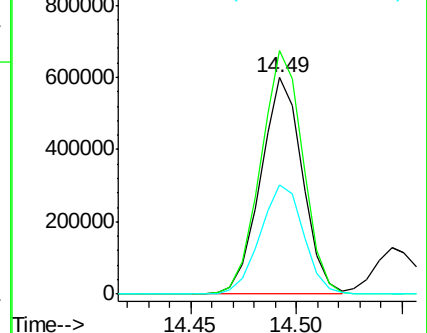
152 50.6 43.0 64.4

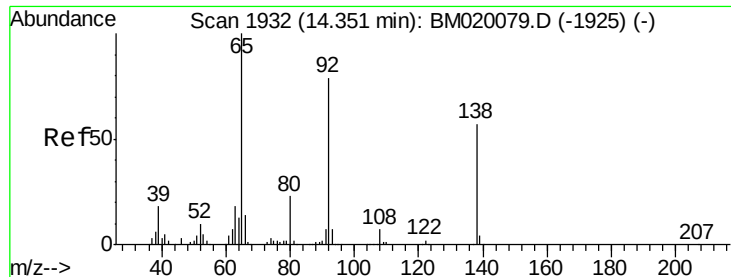


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

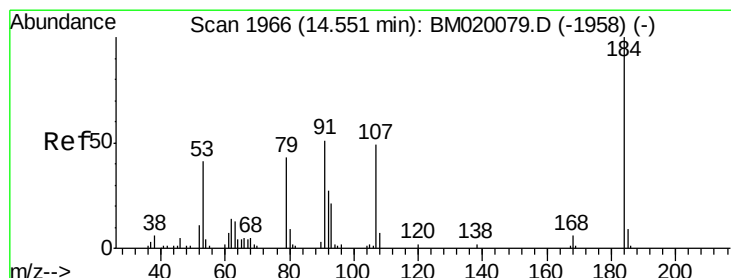
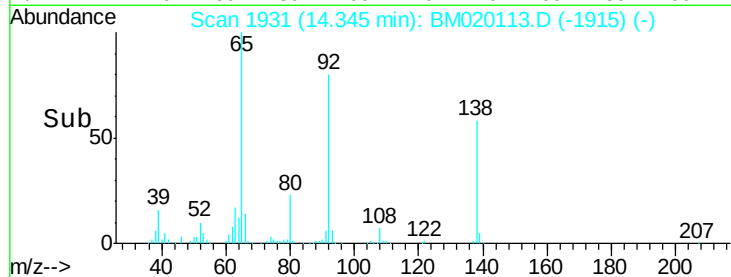
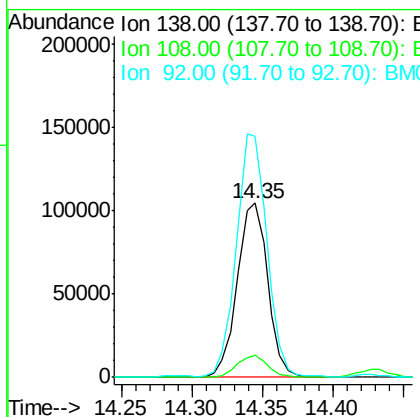
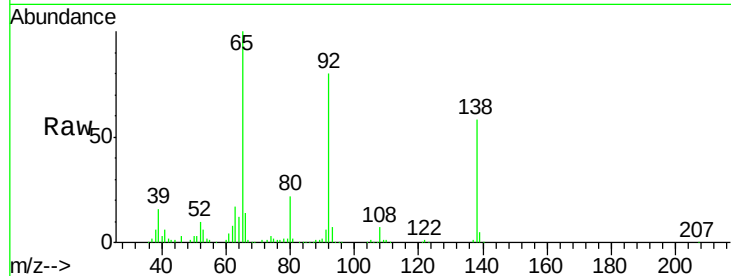




#53  
 3-Nitroaniline  
 Concen: 35.901 ng  
 RT: 14.35 min Scan# 1931  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

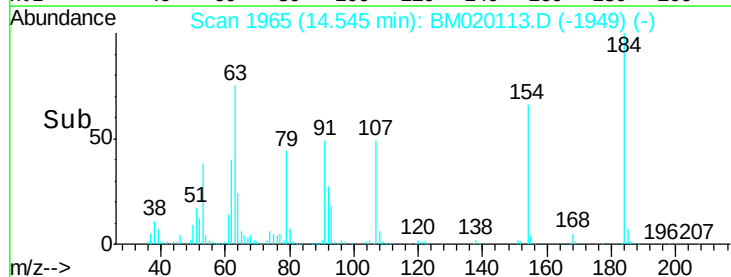
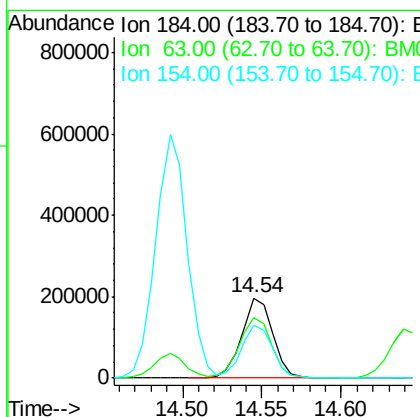
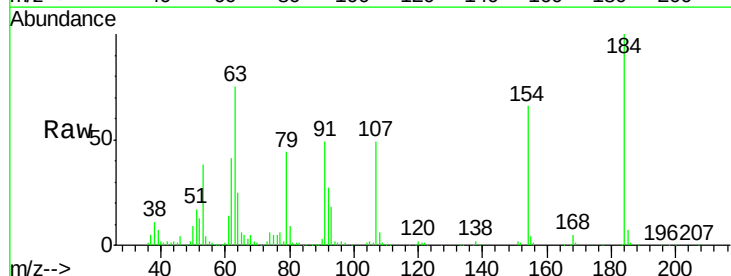
Instrument :  
 BNA\_M  
 ClientSampleId :

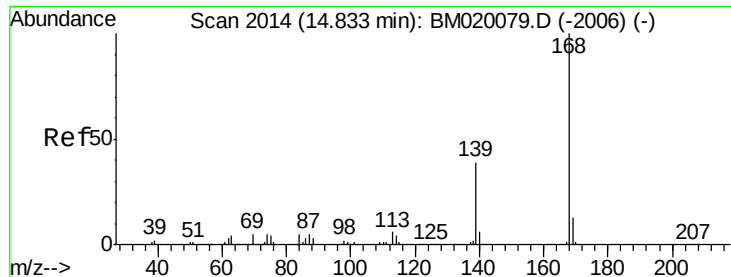
Tot Ion:138 Resp: 157620  
 Ion Ratio Lower Upper  
 138 100  
 108 12.6 10.4 15.6  
 92 138.3 111.3 166.9



#54  
 2,4-Dinitrophenol  
 Concen: 110.080 ng  
 RT: 14.54 min Scan# 1965  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

Tgt Ion:184 Resp: 269268  
 Ion Ratio Lower Upper  
 184 100  
 63 75.3 68.9 103.3  
 154 65.7 54.4 81.6

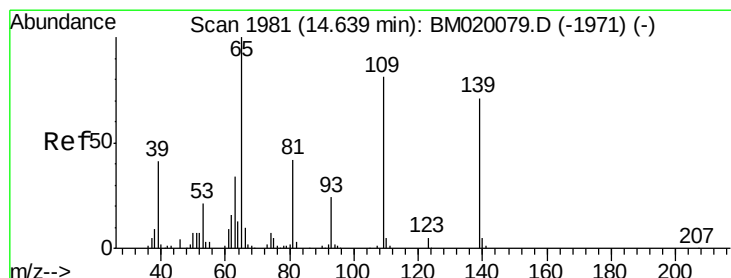
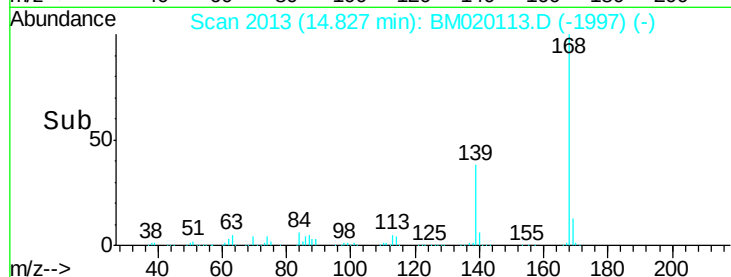
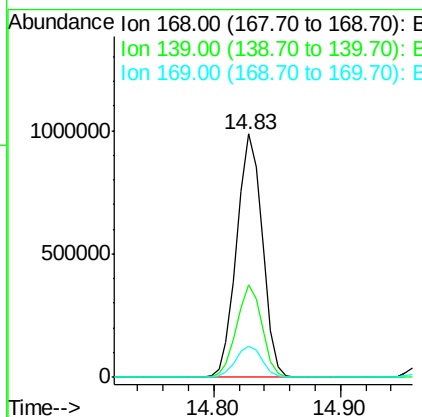
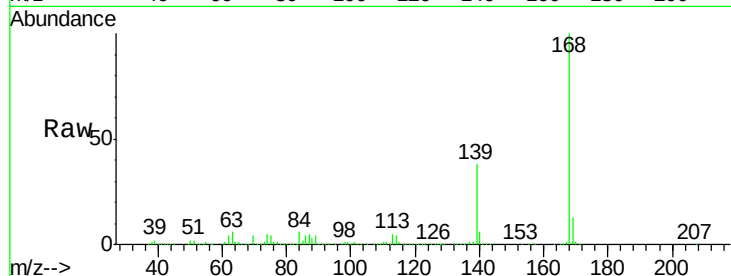




#55  
Dibenzofuran  
Concen: 51.156 ng  
RT: 14.83 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

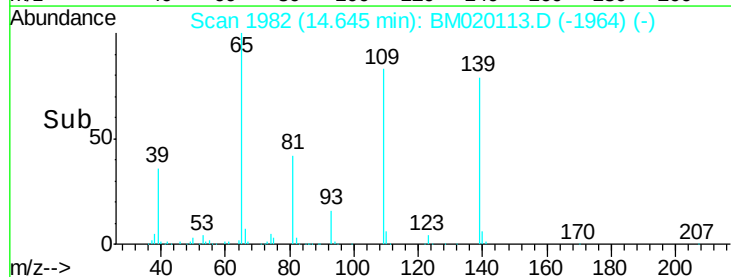
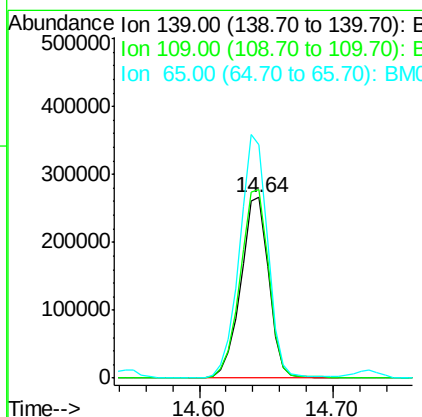
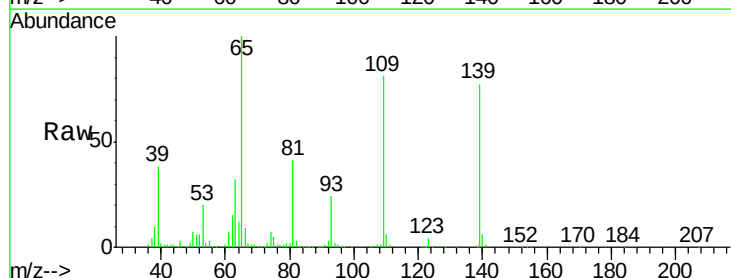
Instrument :  
BNA\_M  
ClientSampleId :

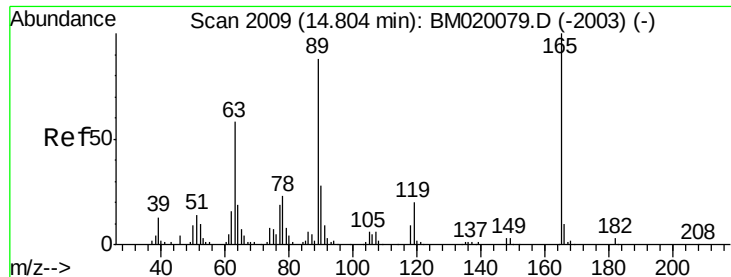
Tot Ion:168 Resp: 1375226  
Ion Ratio Lower Upper  
168 100  
139 37.9 31.1 46.7  
169 13.0 10.6 16.0



#56  
4-Nitrophenol  
Concen: 102.610 ng  
RT: 14.64 min Scan# 1982  
Delta R.T. 0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion:139 Resp: 384363  
Ion Ratio Lower Upper  
139 100  
109 104.5 94.1 134.1  
65 129.4 120.9 160.9

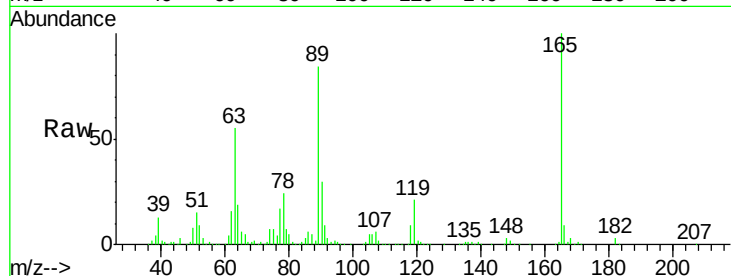




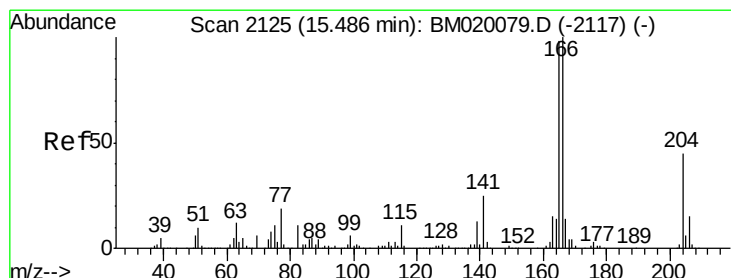
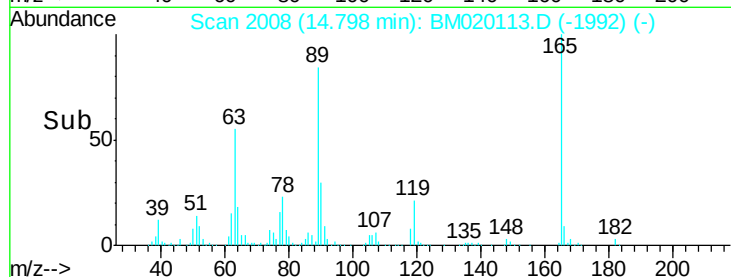
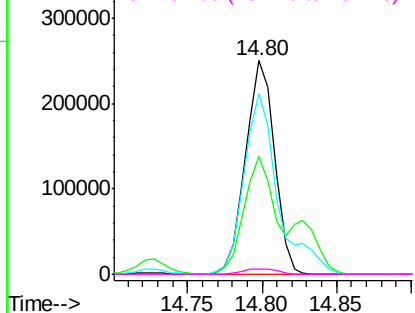
#57  
2,4-Dinitrotoluene  
Concen: 52.272 ng  
RT: 14.80 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 335987 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 55.3  | 46.2  | 69.2   |
| 89       | 84.2  | 70.6  | 105.8  |
| 182      | 2.6   | 2.2   | 3.2    |

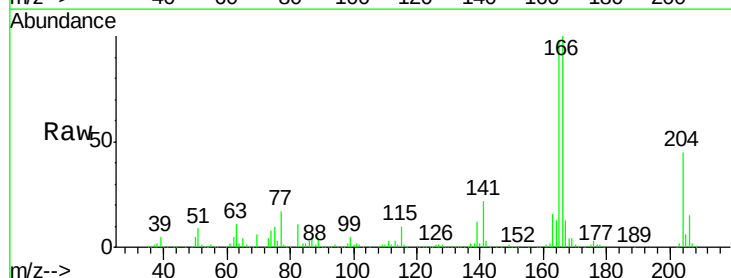


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 182.00 (181.70 to 182.70): E

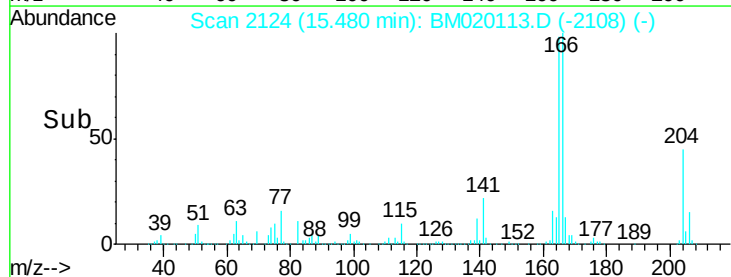
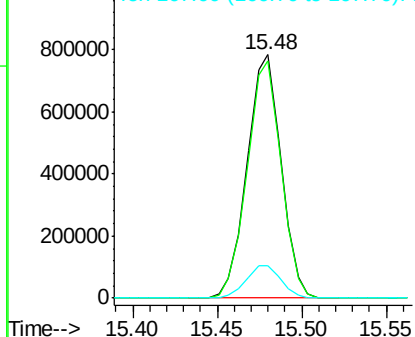


#58  
Fluorene  
Concen: 49.824 ng  
RT: 15.48 min Scan# 2124  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

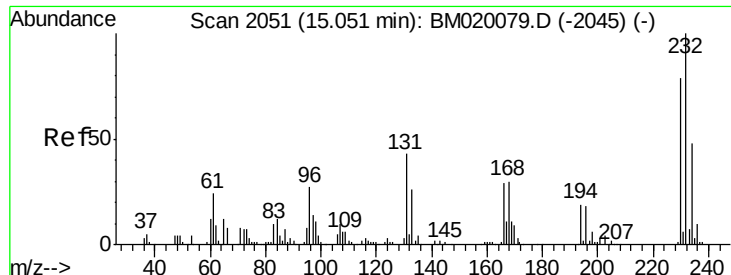
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1100036 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 97.6  | 78.2  | 117.2   |
| 167      | 13.1  | 11.0  | 16.4    |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



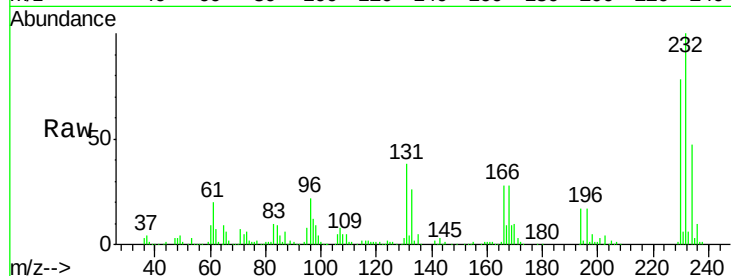




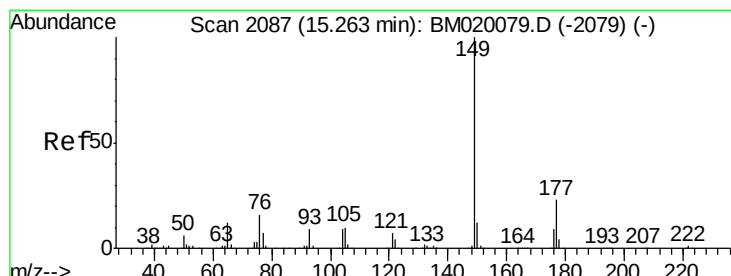
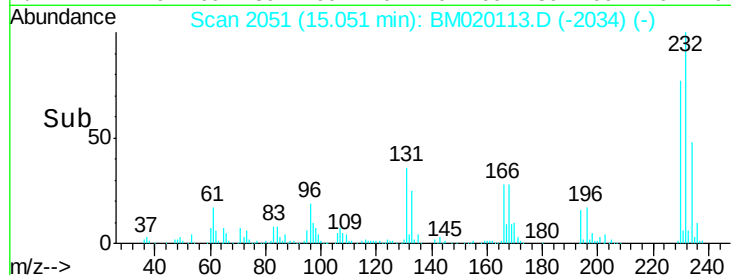
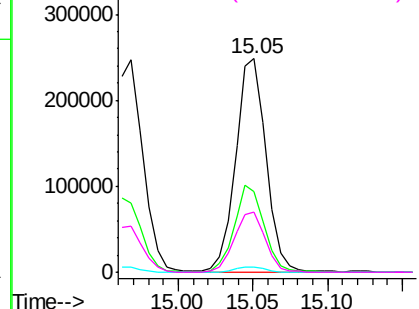
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 56.368 ng  
 RT: 15.05 min Scan# 2051  
 Delta R.T. -0.00 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 351602 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.6  | 34.2  | 51.4   |
| 130      | 2.6   | 2.0   | 3.0    |
| 166      | 29.1  | 23.8  | 35.8   |

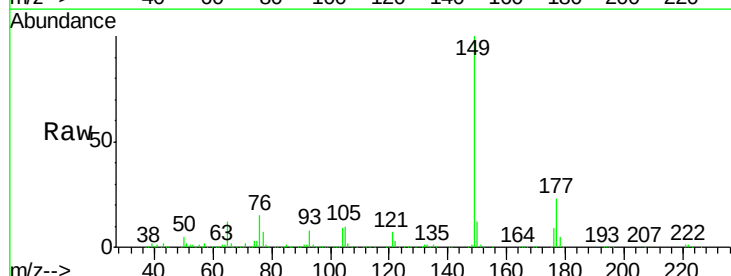


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

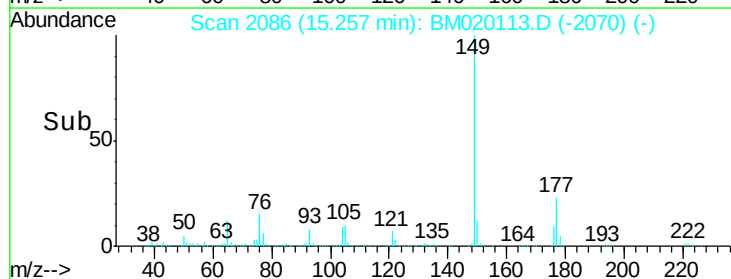
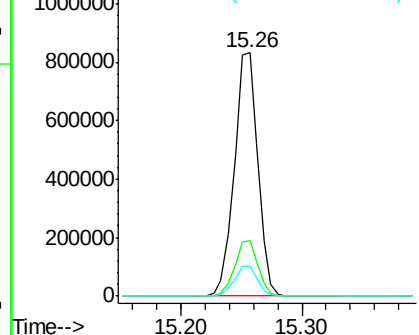


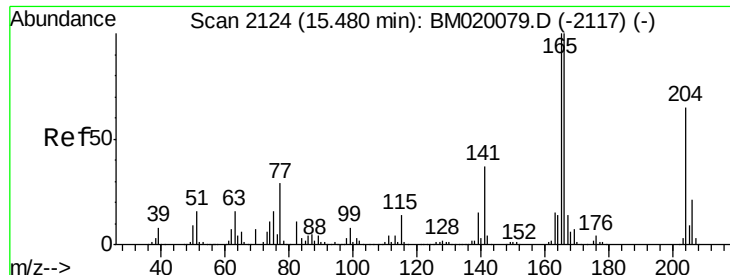
#60  
 Diethylphthalate  
 Concen: 49.730 ng  
 RT: 15.26 min Scan# 2086  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1125247 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 23.0  | 18.2  | 27.4    |
| 150      | 12.4  | 9.9   | 14.9    |



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

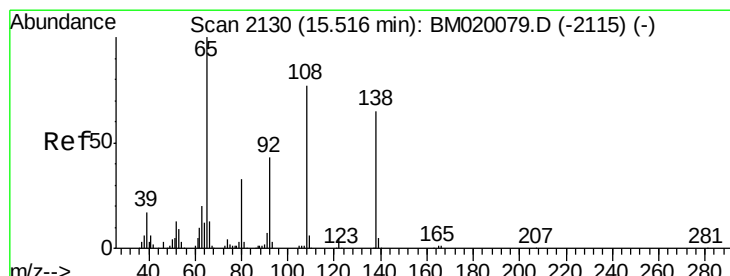
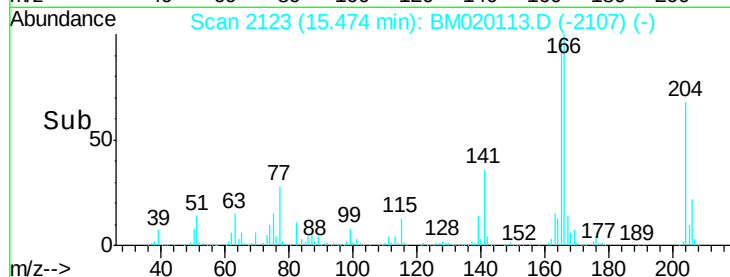
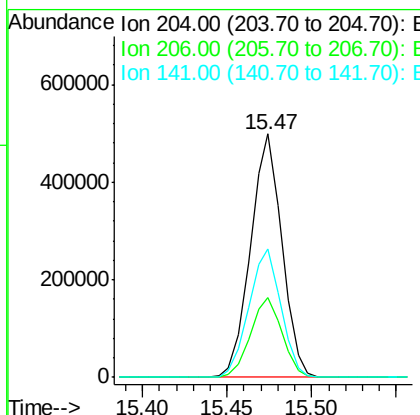
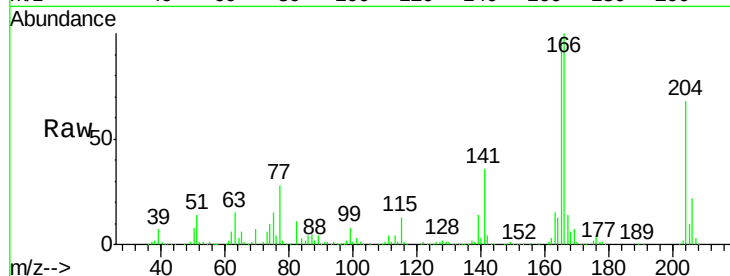




#61  
 4-Chlorophenyl-phenylether  
 Concen: 51.567 ng  
 RT: 15.47 min Scan# 2123  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

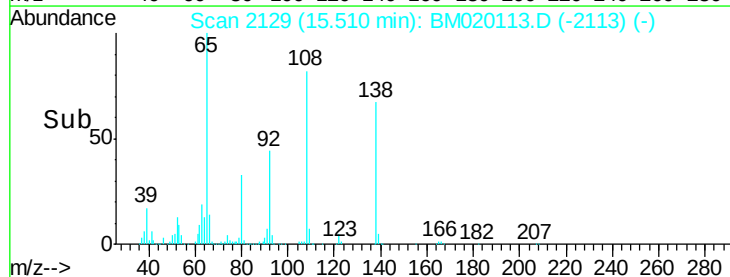
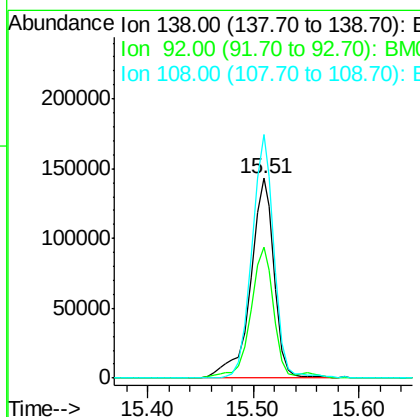
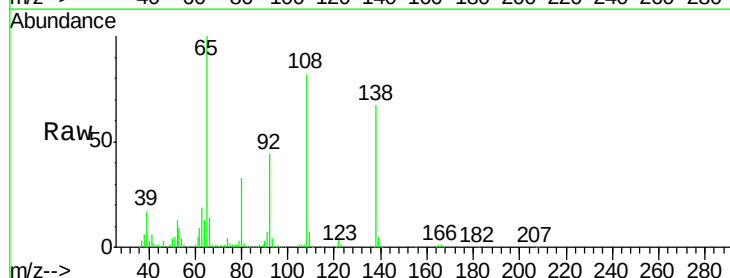
Instrument :  
 BNA\_M  
 ClientSampleId :

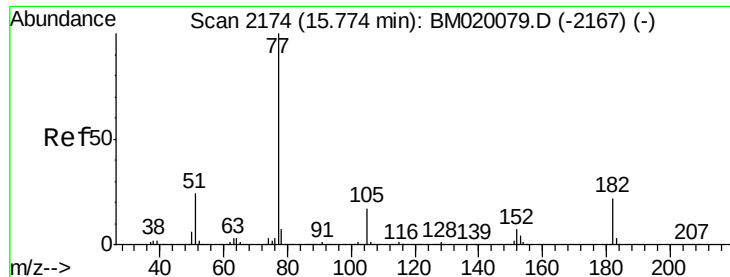
Tot Ion:204 Resp: 645084  
 Ion Ratio Lower Upper  
 204 100  
 206 32.6 25.6 38.4  
 141 52.6 46.1 69.1



#62  
 4-Nitroaniline  
 Concen: 46.509 ng  
 RT: 15.51 min Scan# 2129  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

Tgt Ion:138 Resp: 225342  
 Ion Ratio Lower Upper  
 138 100  
 92 65.5 45.9 85.9  
 108 121.9 97.7 137.7

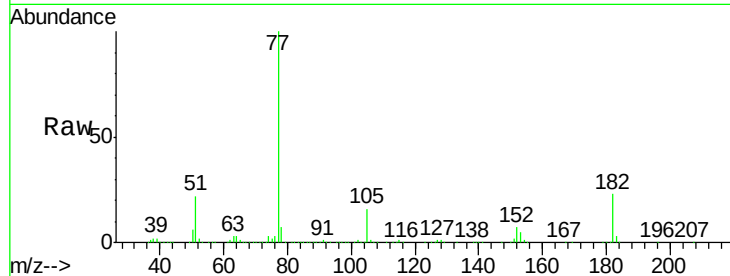




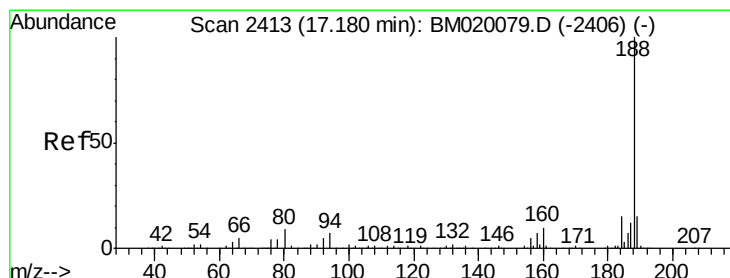
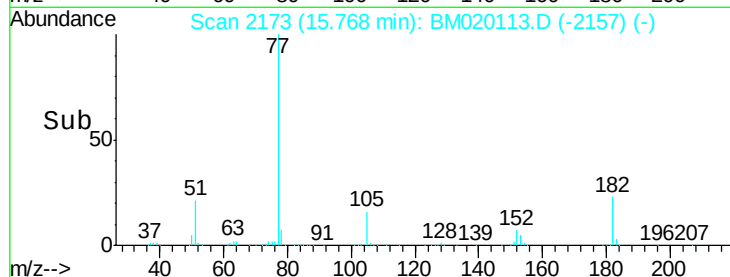
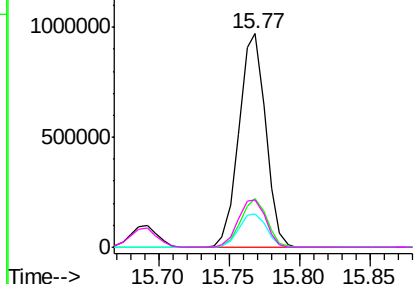
#63  
Azobenzene  
Concen: 48.009 ng  
RT: 15.77 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 77 Resp: 1281542  
Ion Ratio Lower Upper  
77 100  
182 22.7 2.1 42.1  
105 15.8 0.0 36.8  
51 22.5 3.8 43.8

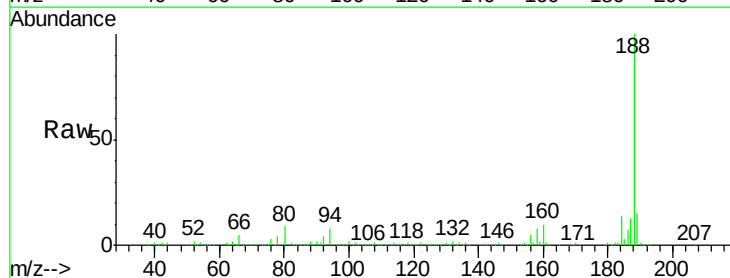


Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BM0

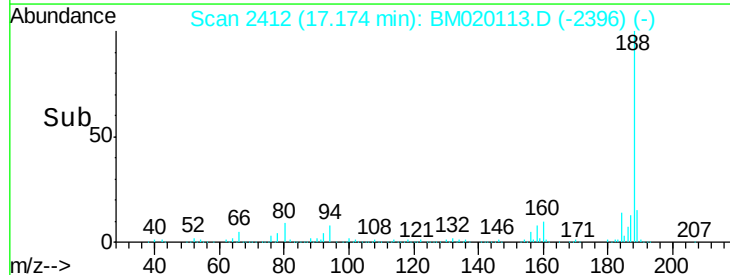
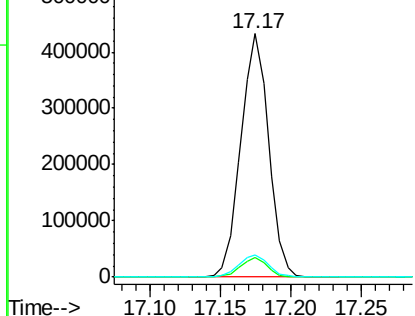


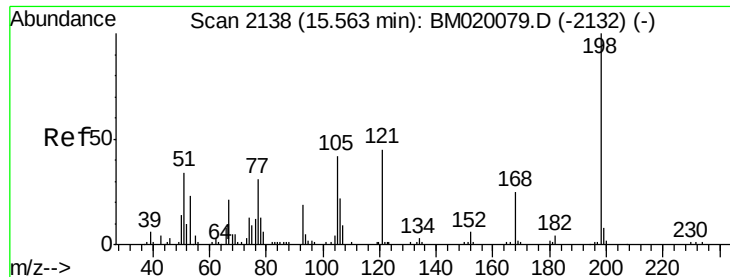
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.17 min Scan# 2412  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion: 188 Resp: 596478  
Ion Ratio Lower Upper  
188 100  
94 8.0 5.8 8.6  
80 9.2 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM0  
Ion 80.00 (79.70 to 80.70): BM0

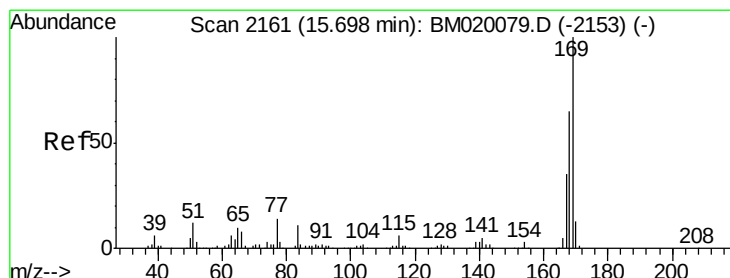
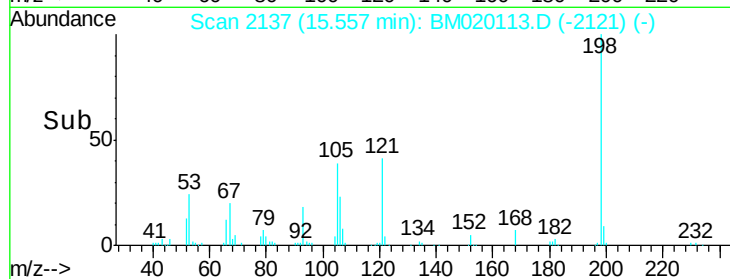
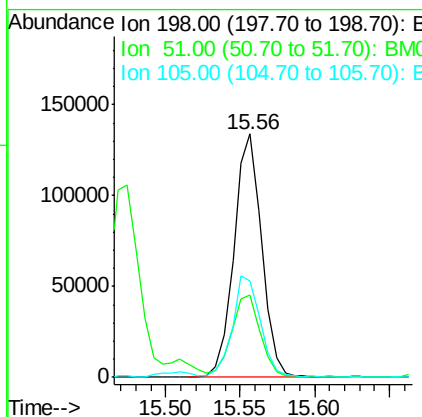
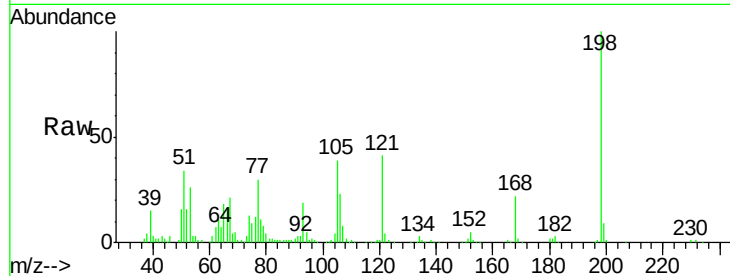




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 56.215 ng  
 RT: 15.56 min Scan# 2137  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

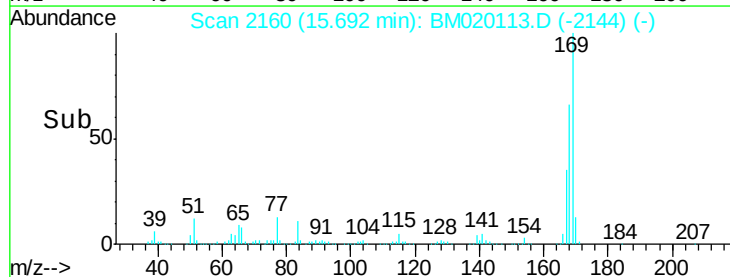
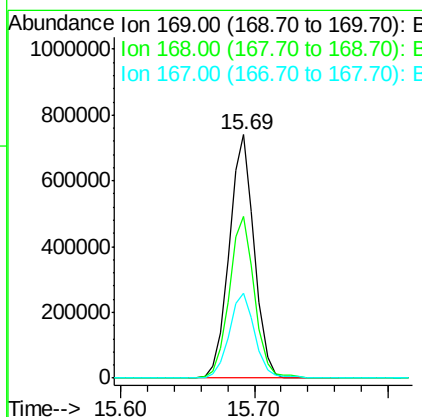
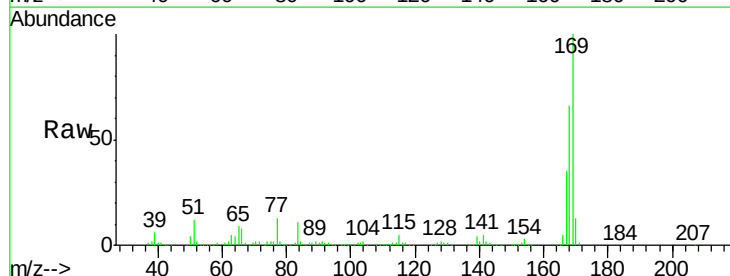
Instrument :  
 BNA\_M  
 ClientSampleId :

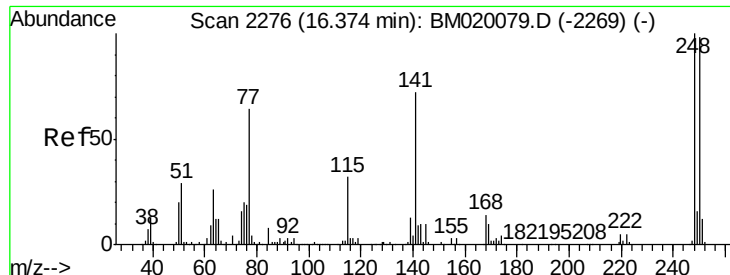
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 33.7  | 16.5  | 56.5  |
| 105     | 39.4  | 22.8  | 62.8  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 54.783 ng  
 RT: 15.69 min Scan# 2160  
 Delta R.T. -0.01 min  
 Lab File: BM020113.D  
 Acq: 03 May 2019 15:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.3  | 51.9  | 77.9  |
| 167     | 34.7  | 27.8  | 41.6  |

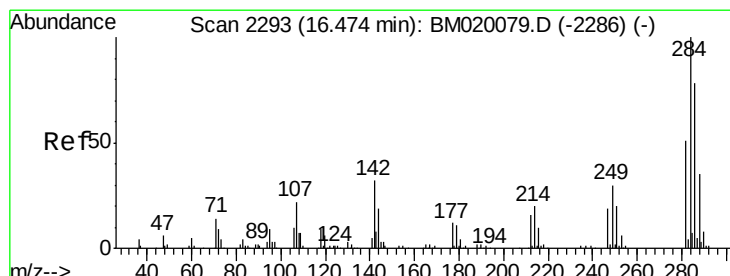
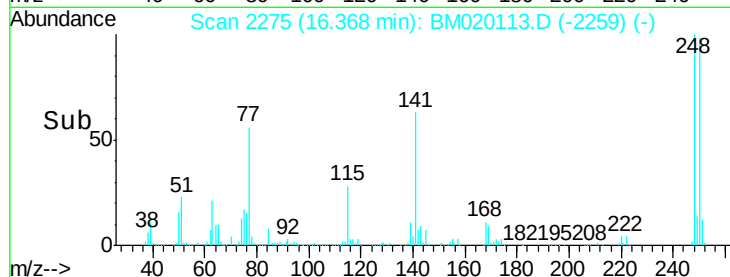
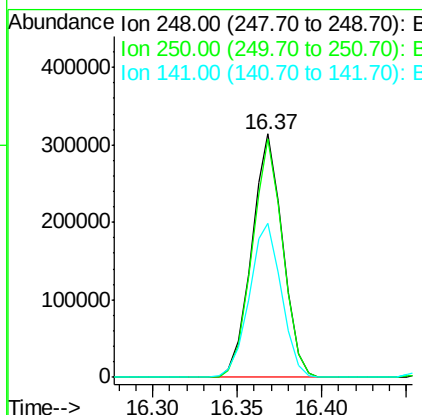
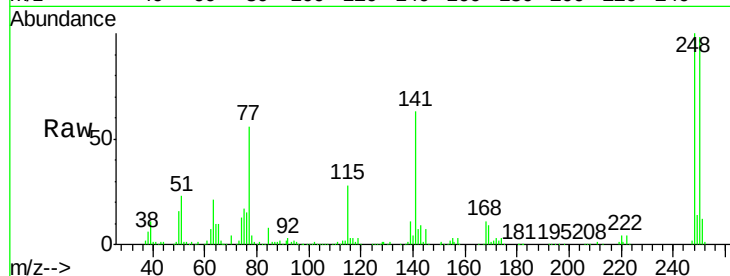




#67  
4-Bromophenyl-phenylether  
Concen: 54.660 ng  
RT: 16.37 min Scan# 2275  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

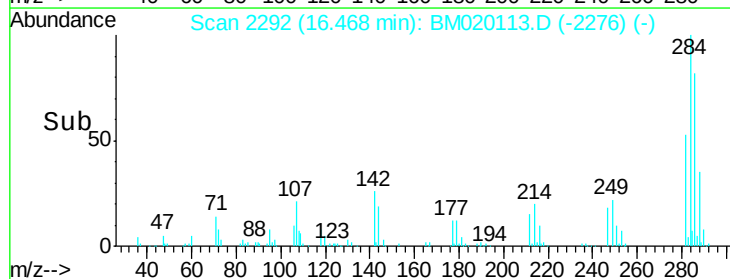
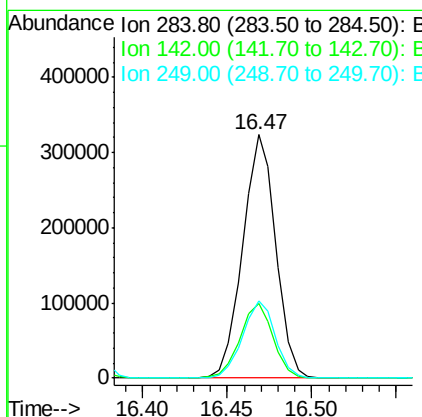
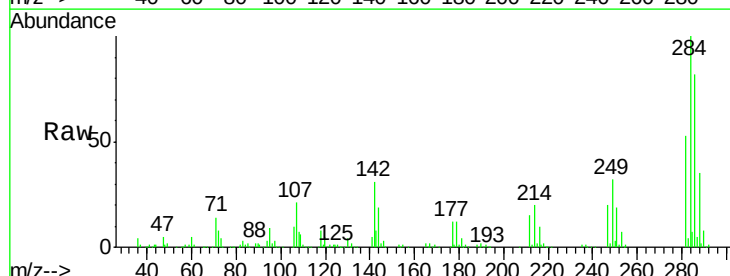
Instrument :  
BNA\_M  
ClientSampled :

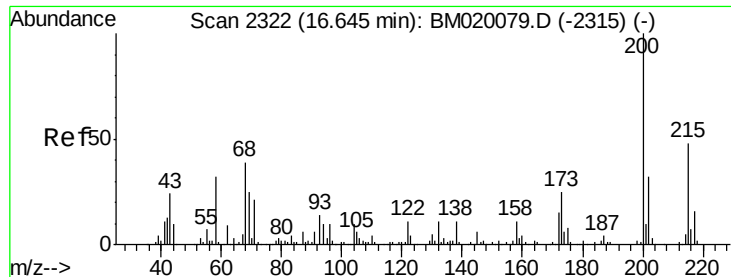
Tot Ion:248 Resp: 399800  
Ion Ratio Lower Upper  
248 100  
250 98.0 78.4 117.6  
141 63.5 57.4 86.2



#68  
Hexachlorobenzene  
Concen: 52.236 ng  
RT: 16.47 min Scan# 2292  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion:284 Resp: 439672  
Ion Ratio Lower Upper  
284 100  
142 30.8 25.2 37.8  
249 32.0 23.6 35.4





#69

Atrazine

Concen: 50.571 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

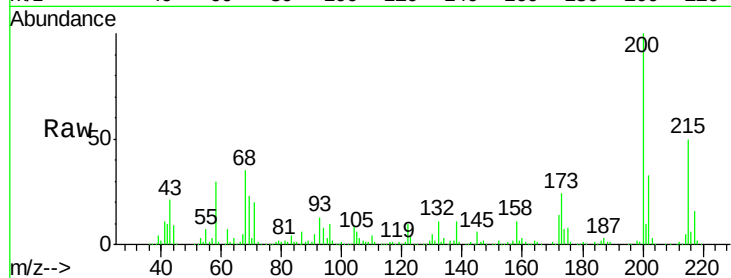
Tot Ion:200 Resp: 346873

Ion Ratio Lower Upper

200 100

173 24.5 4.6 44.6

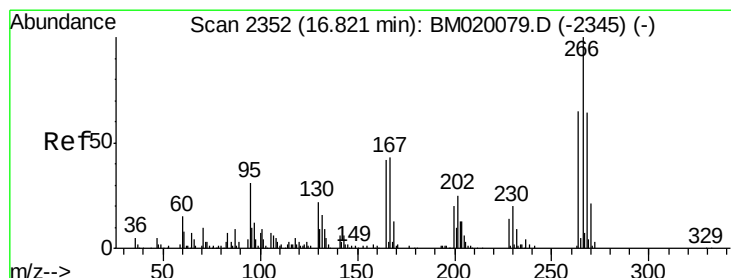
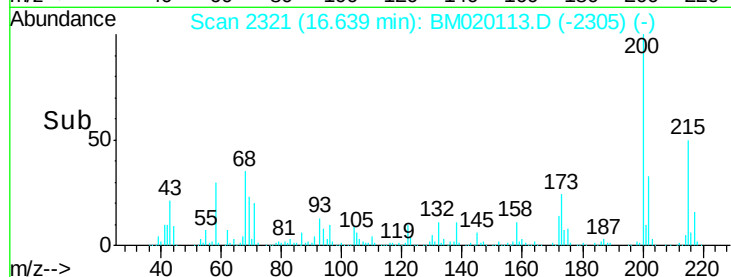
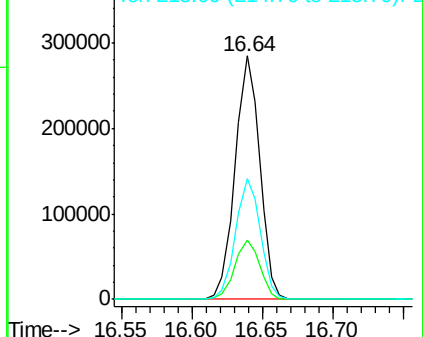
215 49.8 28.0 68.0



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: 115.689 ng

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

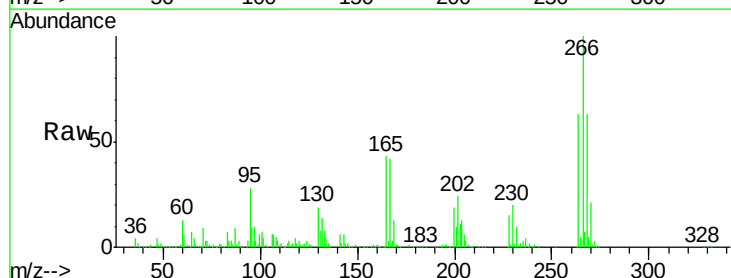
Tgt Ion:266 Resp: 557141

Ion Ratio Lower Upper

266 100

268 63.5 51.4 77.0

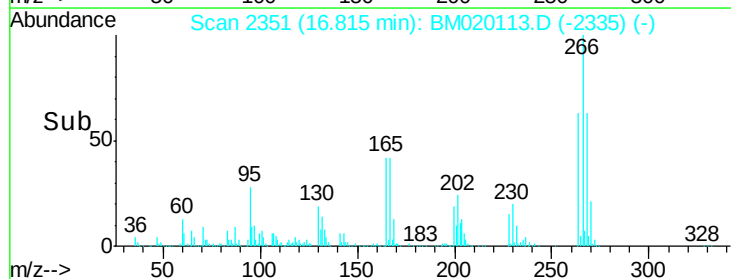
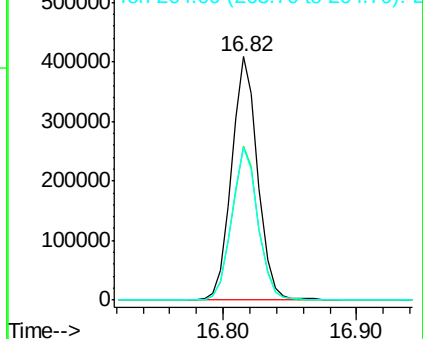
264 62.6 52.0 78.0

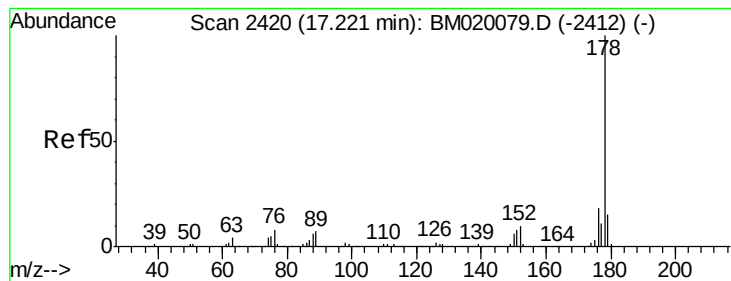


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.891 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

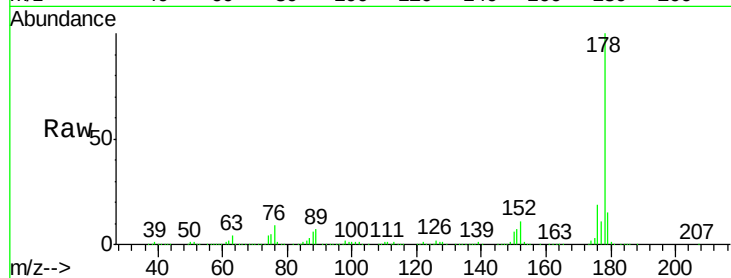
Tot Ion:178 Resp: 1675655

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

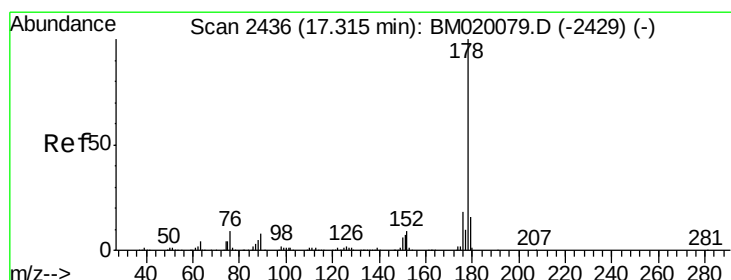
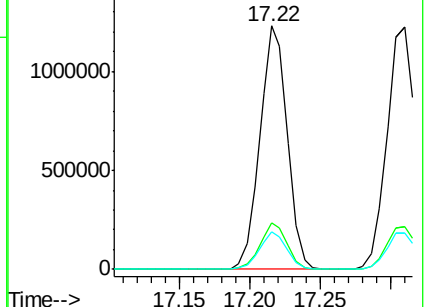
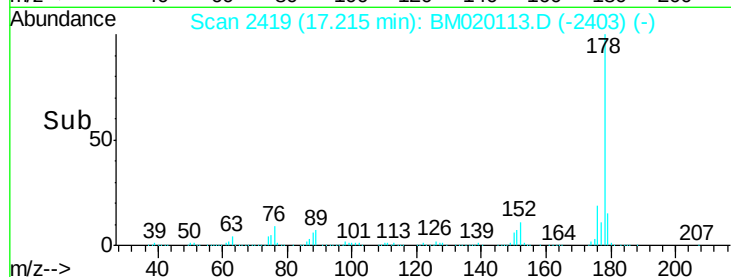
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.559 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

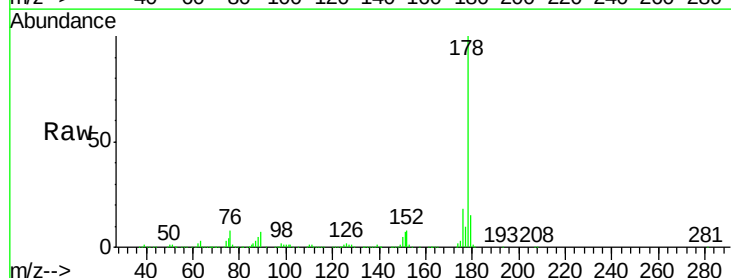
Tgt Ion:178 Resp: 1730257

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

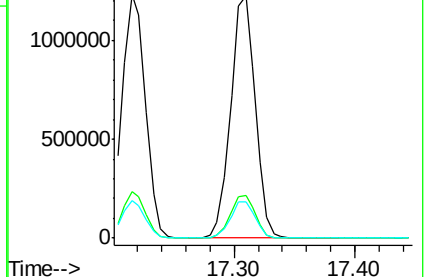
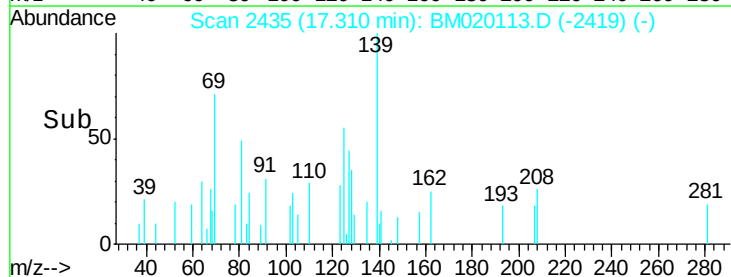
179 15.1 12.4 18.6

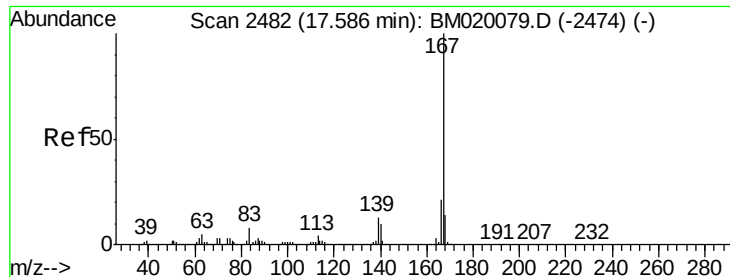


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 49.753 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

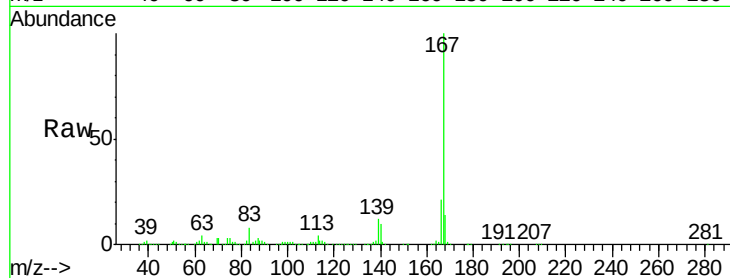
Tot Ion:167 Resp: 1477868

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

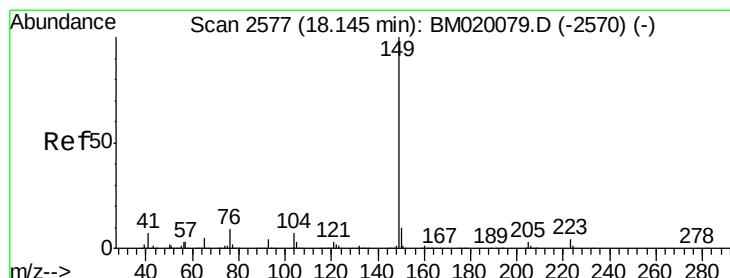
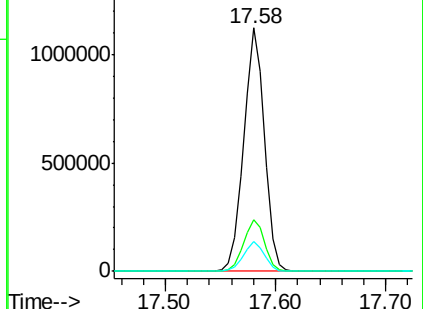
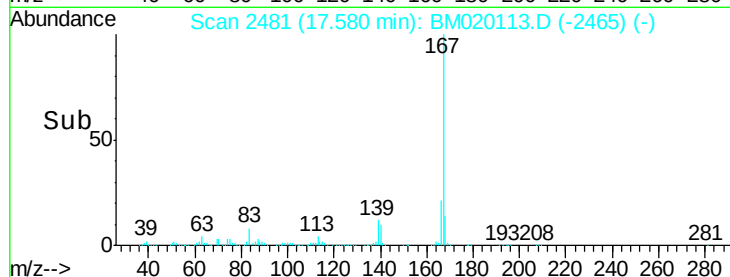
139 12.5 10.6 16.0



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: 50.140 ng

RT: 18.14 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

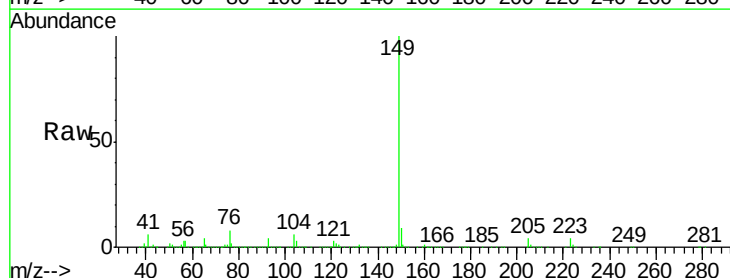
Tgt Ion:149 Resp: 1792386

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

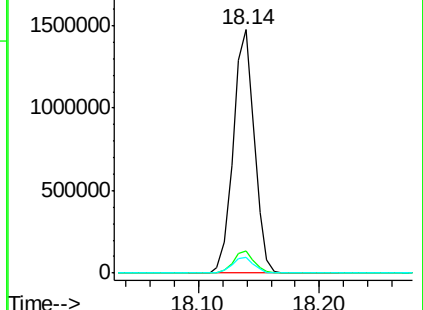
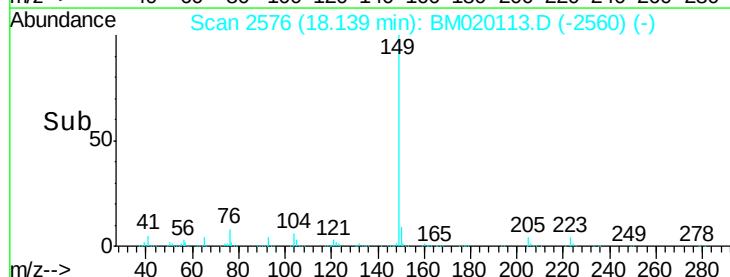
104 6.5 5.7 8.5



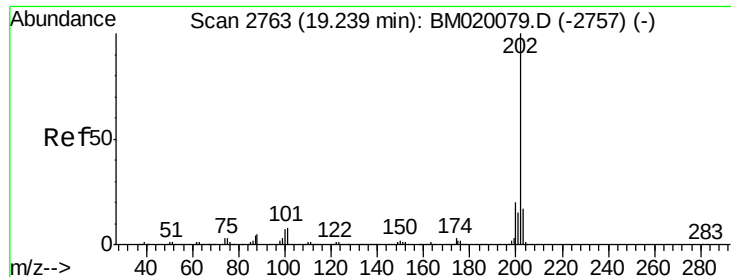
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E







#75

Fluoranthene

Concen: 47.094 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

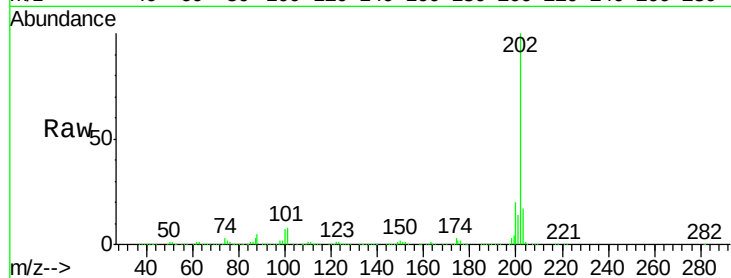
Tot Ion:202 Resp: 1961912

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.4

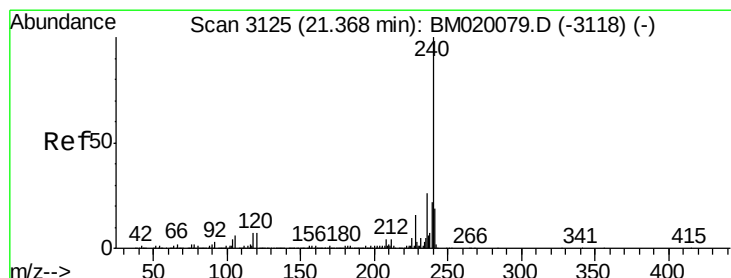
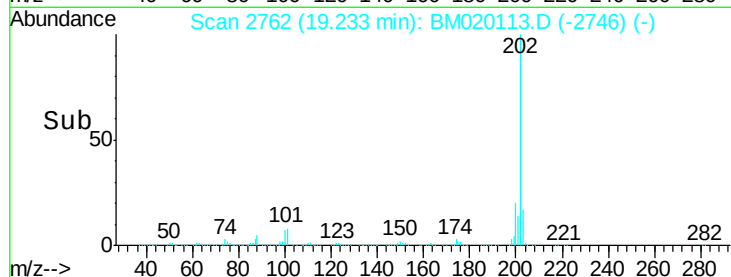
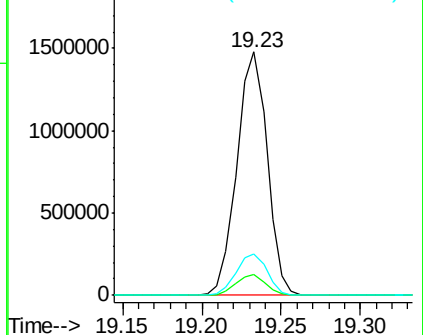
203 17.2 0.0 37.4



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: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

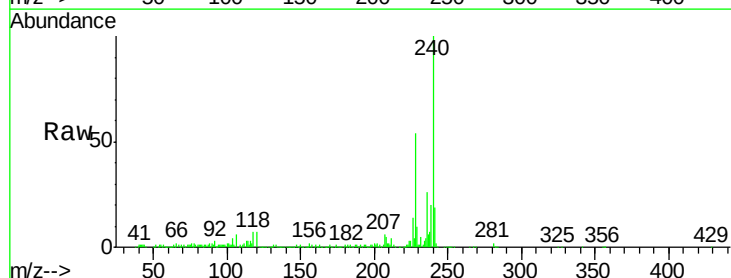
Tgt Ion:240 Resp: 550585

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

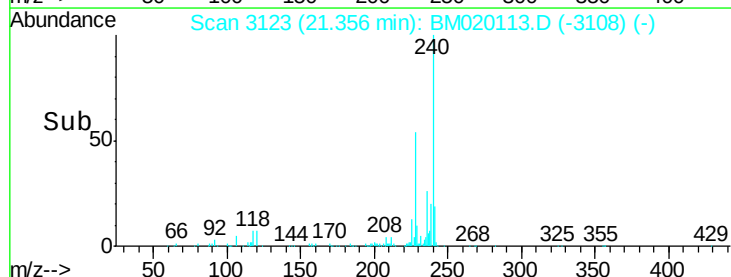
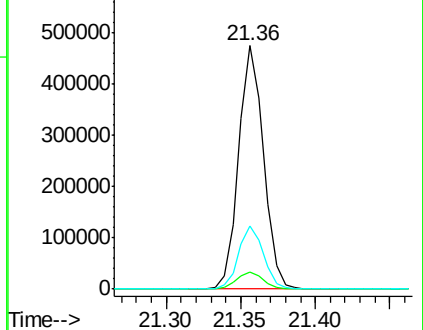
236 25.8 20.9 31.3

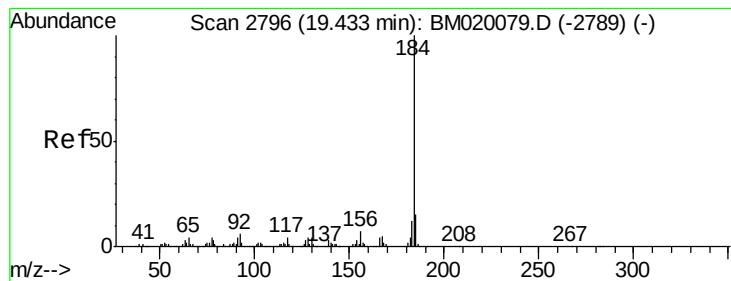


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.404 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

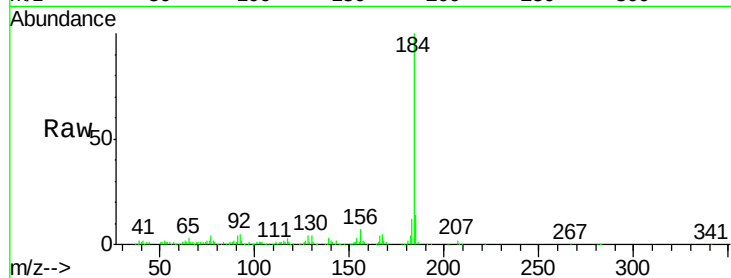
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 411972

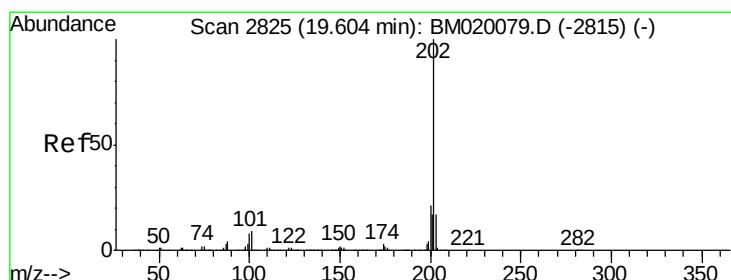
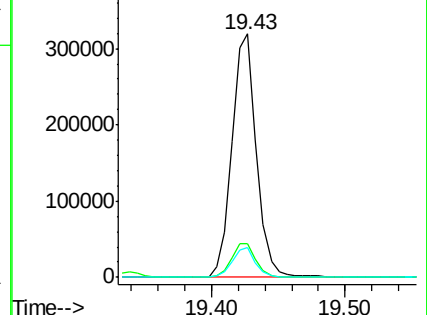
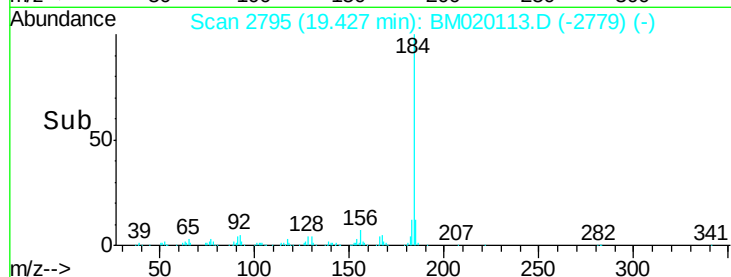
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.0  | 12.0  | 18.0  |
| 183 | 12.3  | 9.5   | 14.3  |



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.914 ng

RT: 19.60 min Scan# 2824

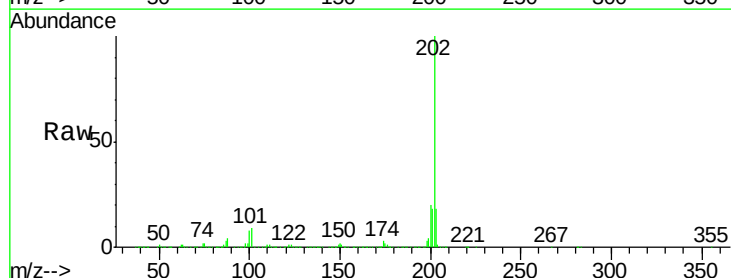
Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:202 Resp: 1992987

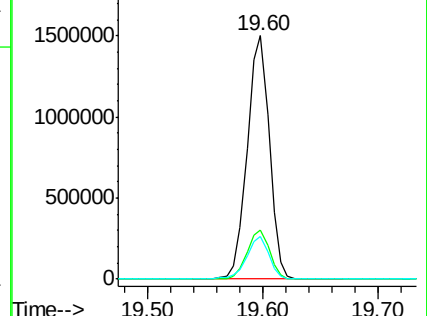
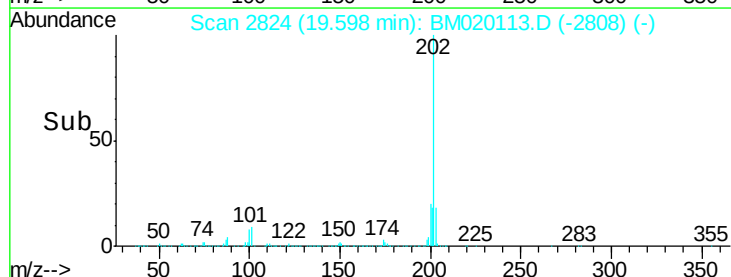
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.3  | 16.5  | 24.7  |
| 203 | 17.6  | 13.9  | 20.9  |

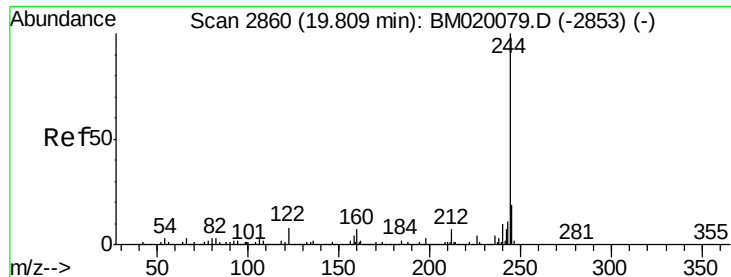


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.833 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

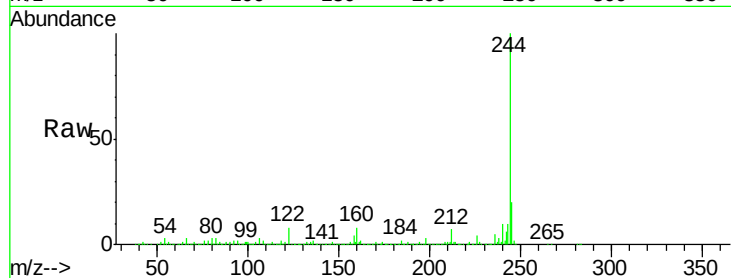
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:244 Resp: 3277610

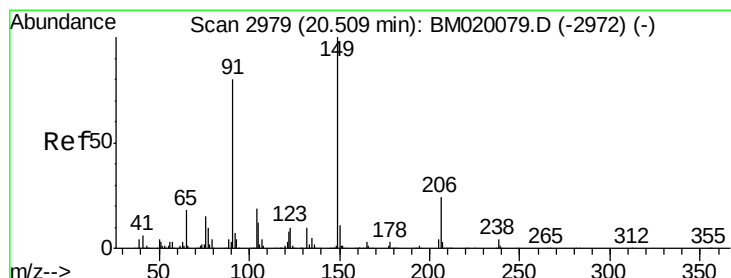
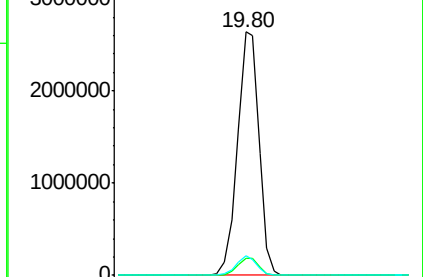
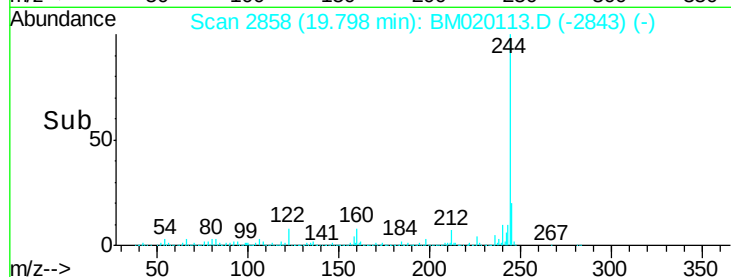
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.7   | 8.5   |
| 122 | 7.9   | 6.2   | 9.2   |



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.519 ng

RT: 20.50 min Scan# 2977

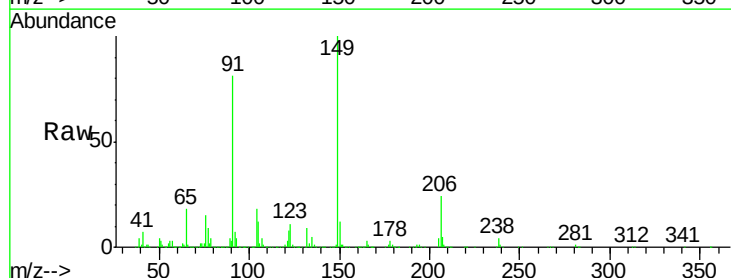
Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:149 Resp: 759763

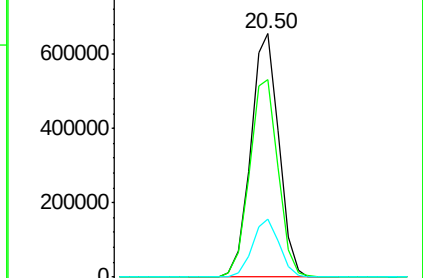
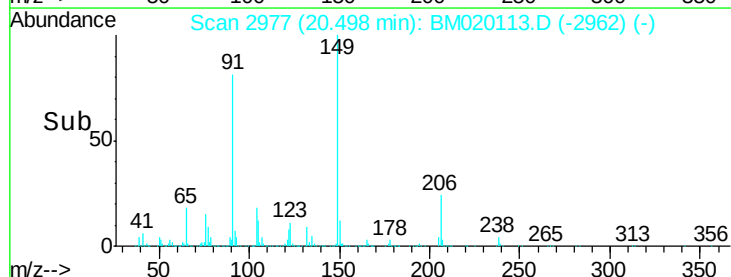
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 81.3  | 63.8  | 95.8  |
| 206 | 23.8  | 18.9  | 28.3  |

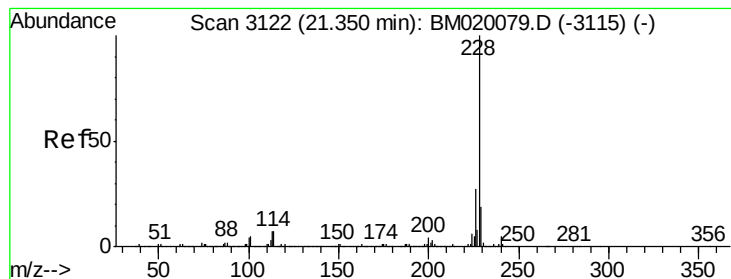


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.507 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

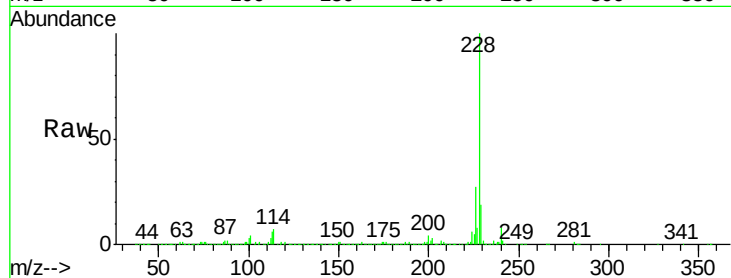
Tot Ion:228 Resp: 1872959

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.6  | 21.3  | 31.9  |
| 229 | 19.0  | 15.5  | 23.3  |

228 100

226 26.6 21.3 31.9

229 19.0 15.5 23.3

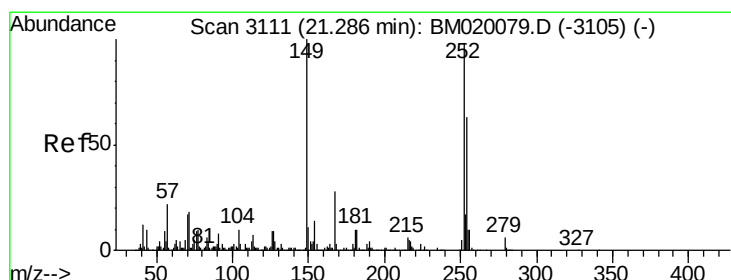
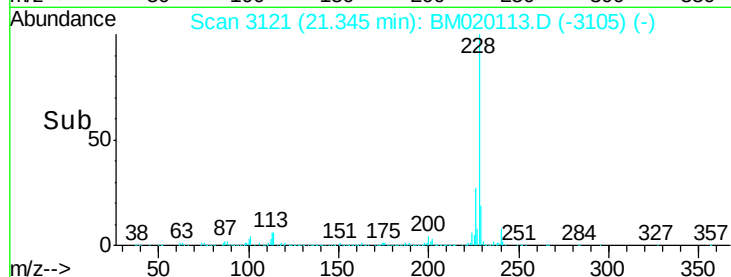
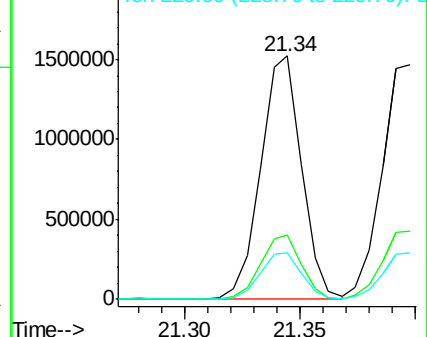


Abundance

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: 39.652 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

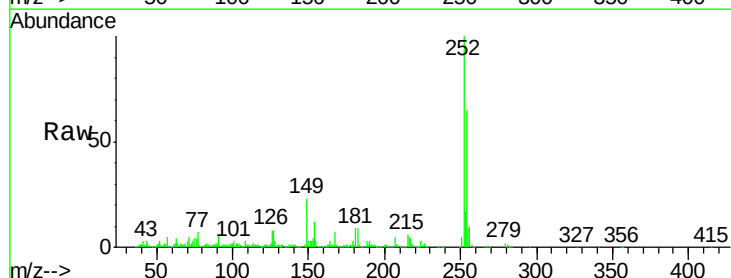
Tgt Ion:252 Resp: 584349

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.1  | 51.1  | 76.7  |
| 126 | 7.7   | 7.1   | 10.7  |

252 100

254 65.1 51.1 76.7

126 7.7 7.1 10.7

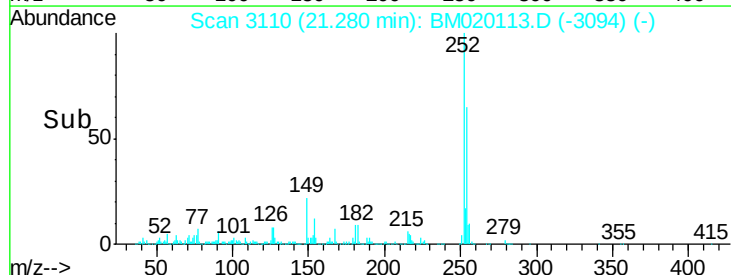
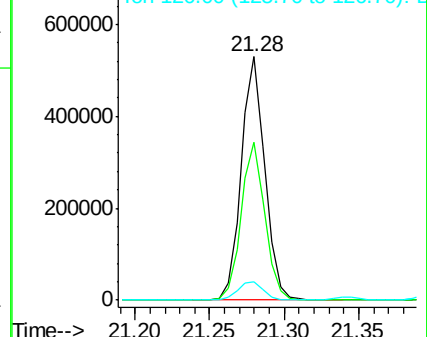


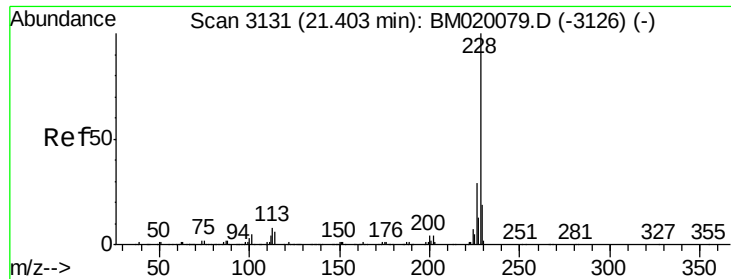
Abundance

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: 49.499 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

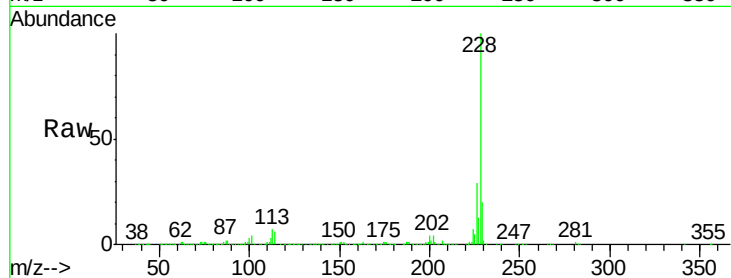
Tot Ion:228 Resp: 1853630

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.6

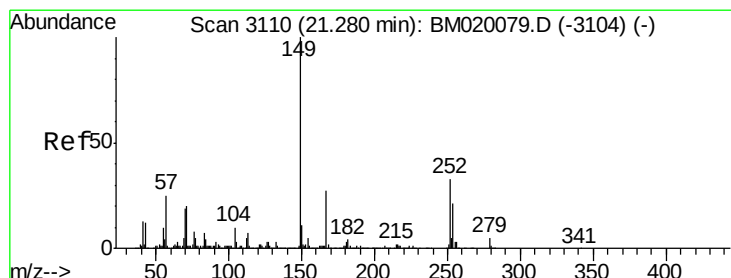
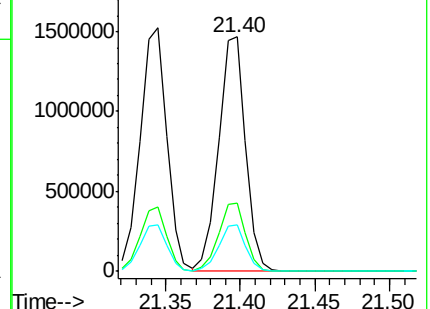
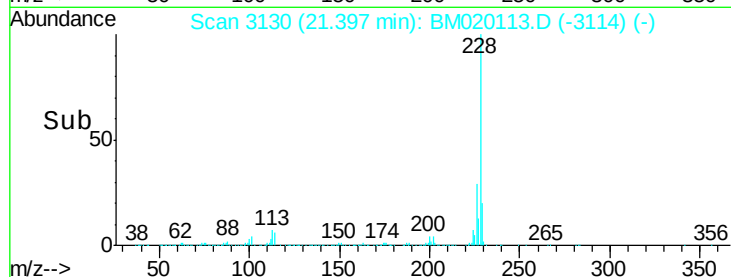
229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.596 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

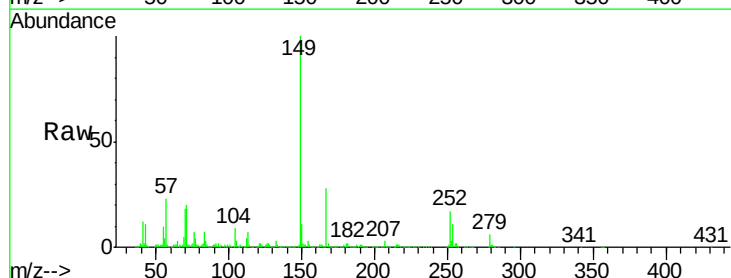
Tgt Ion:149 Resp: 1117991

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

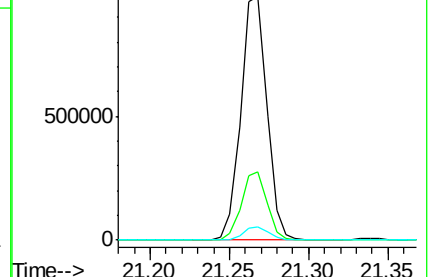
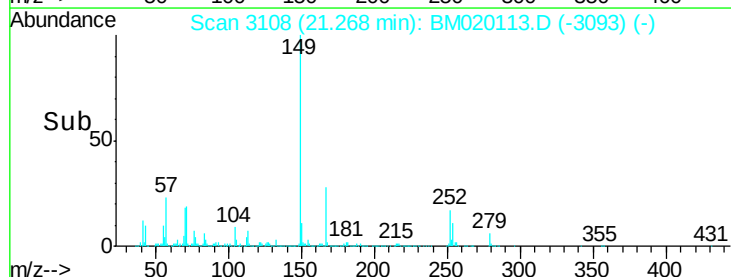
279 5.6 4.2 6.2

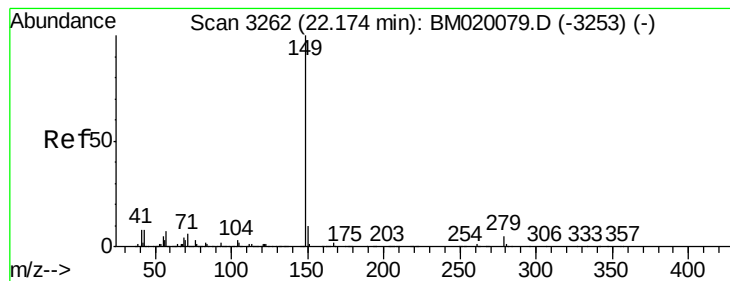


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.012 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA\_M

ClientSampleId :

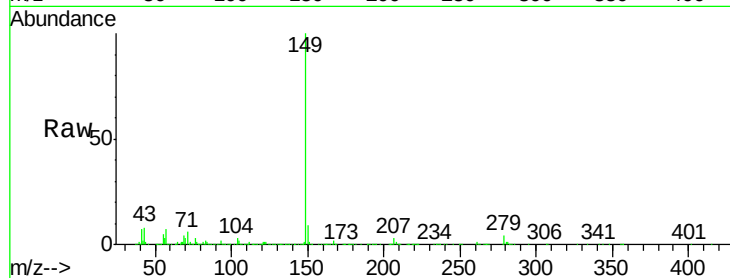
Tot Ion:149 Resp: 1837904

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

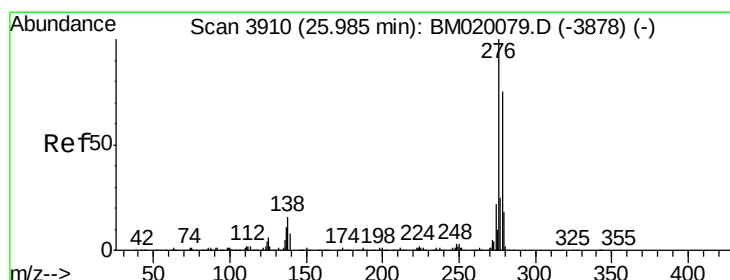
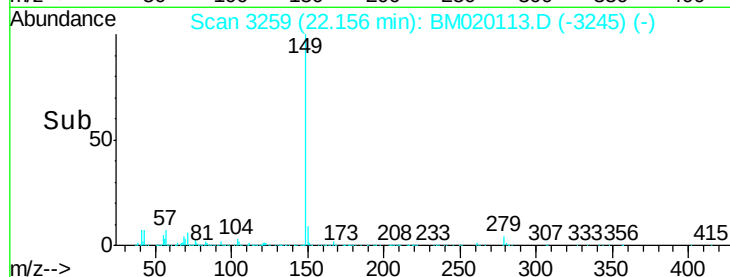
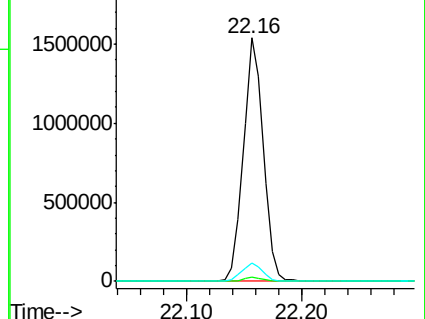
43 7.3 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.531 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.02 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

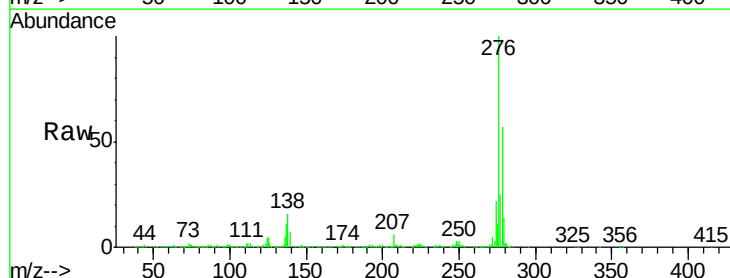
Tgt Ion:276 Resp: 2428974

Ion Ratio Lower Upper

276 100

138 16.0 0.0 0.0#

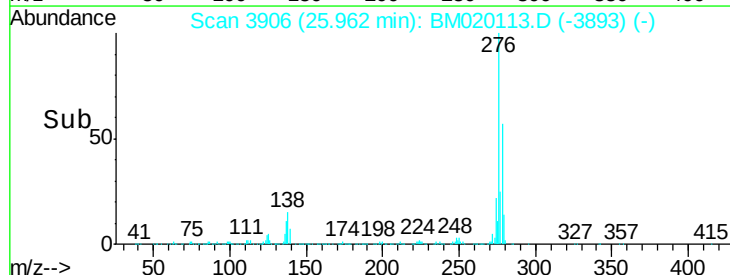
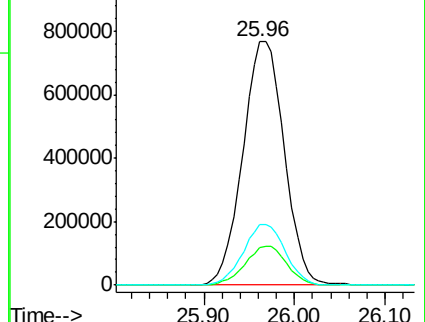
277 25.2 0.0 0.0#

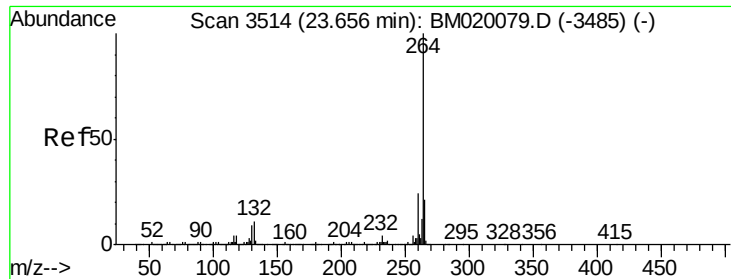


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

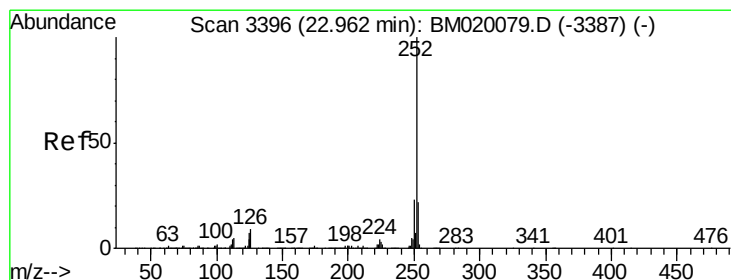
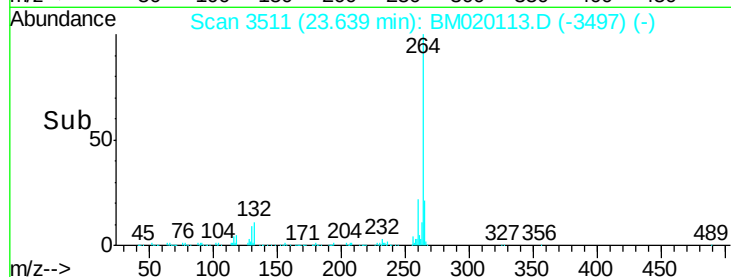
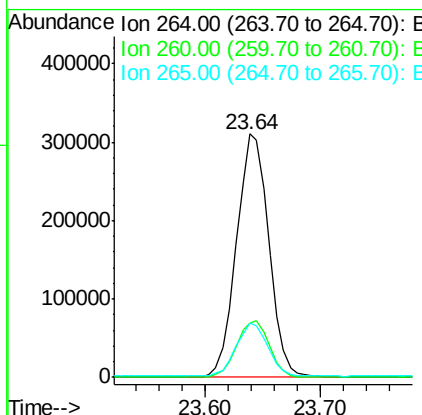
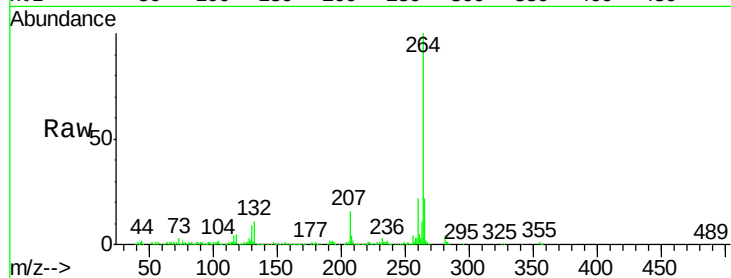




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.64 min Scan# 3511  
Delta R.T. -0.02 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

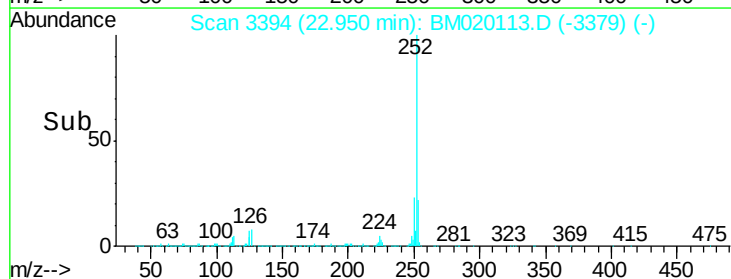
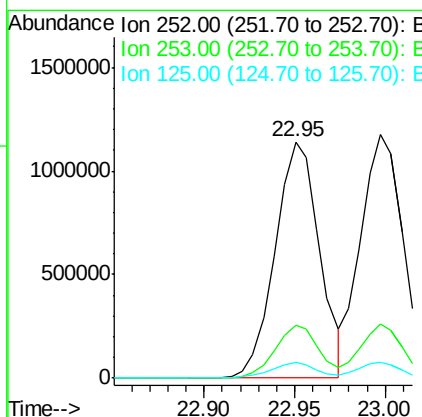
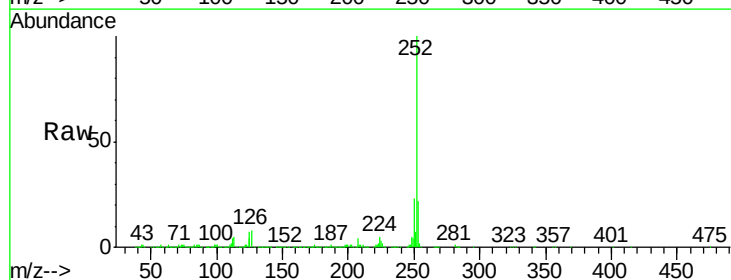
Instrument :  
BNA\_M  
ClientSampleId :

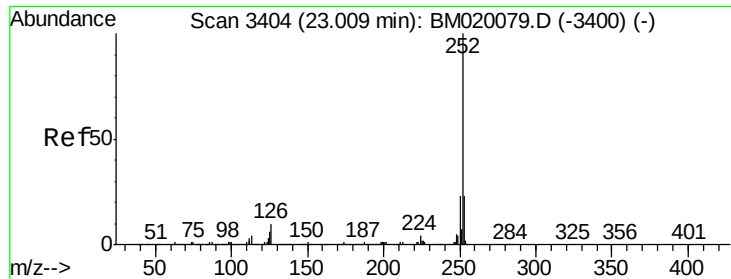
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.5  | 19.2  | 28.8  |
| 265     | 22.0  | 16.9  | 25.3  |



#88  
Benzo(b)fluoranthene  
Concen: 48.854 ng  
RT: 22.95 min Scan# 3394  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.5  | 26.3  |
| 125     | 6.7   | 5.4   | 8.2   |

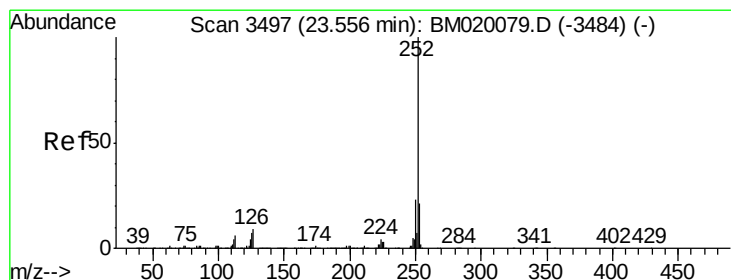
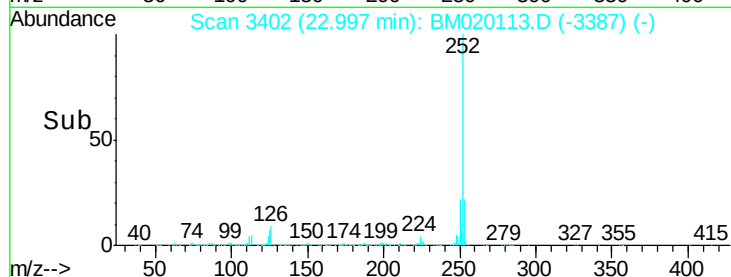
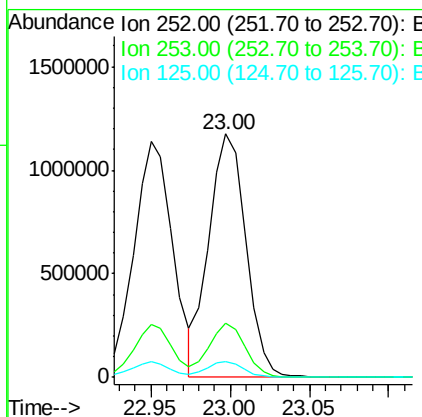
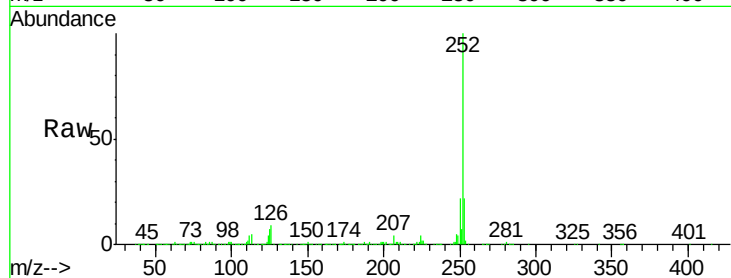




#89  
Benzo(k)fluoranthene  
Concen: 52.426 ng  
RT: 23.00 min Scan# 3402  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

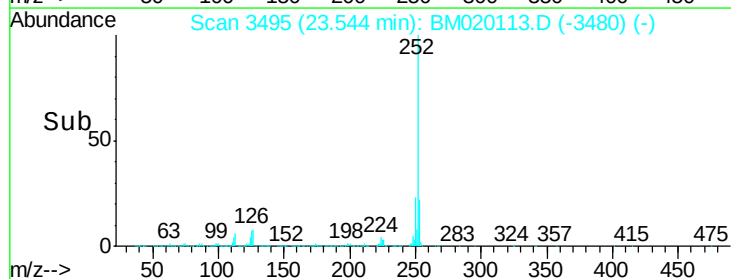
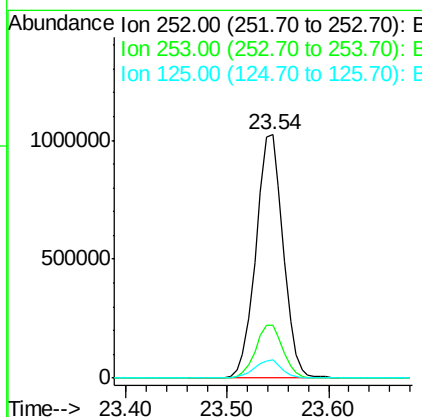
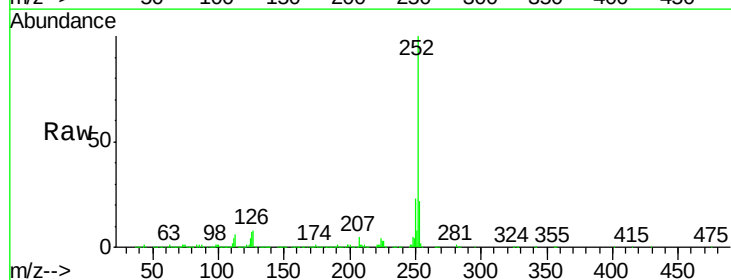
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:252 Resp: 1906780  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 6.6 5.4 8.0

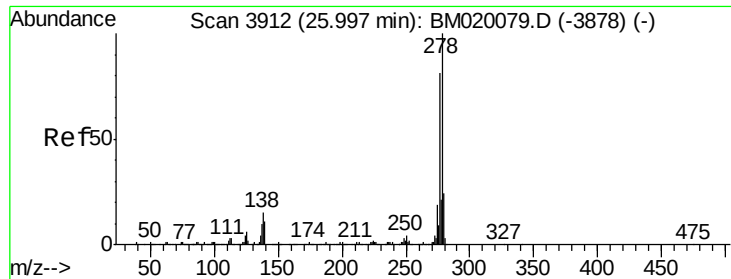


#90  
Benzo(a)pyrene  
Concen: 52.710 ng  
RT: 23.54 min Scan# 3495  
Delta R.T. -0.01 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion:252 Resp: 1908986  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.0 25.6  
125 7.4 5.5 8.3





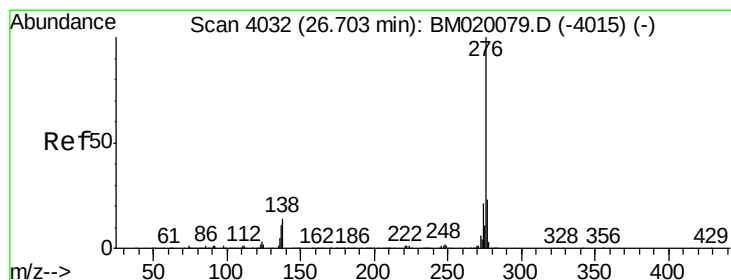
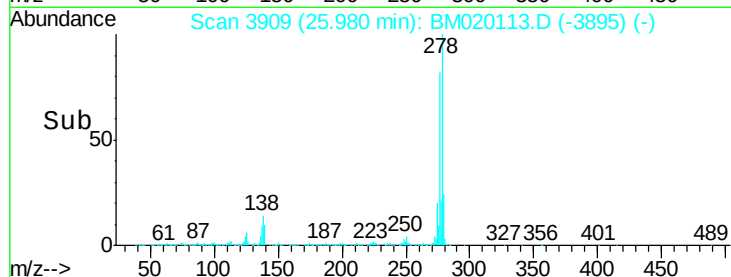
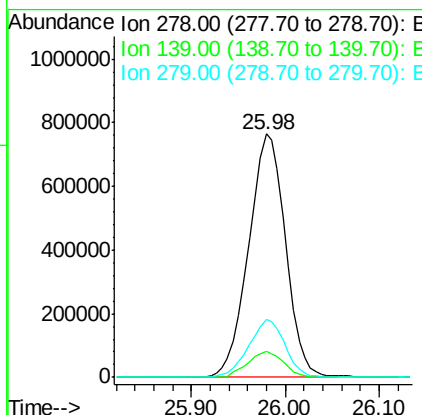
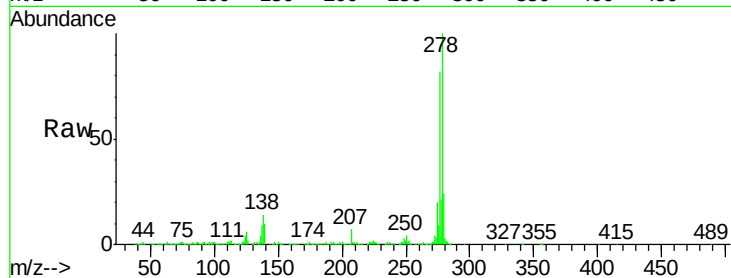


#91  
Dibenzo(a,h)anthracene  
Concen: 55.142 ng  
RT: 25.98 min Scan# 3909  
Delta R.T. -0.02 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 2076877  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.5  | 8.6   | 13.0  |
| 279 | 23.6  | 18.8  | 28.2  |



#92  
Benzo(g,h,i)perylene  
Concen: 56.125 ng  
RT: 26.69 min Scan# 4029  
Delta R.T. -0.02 min  
Lab File: BM020113.D  
Acq: 03 May 2019 15:52

Tgt Ion:276 Resp: 2006935  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 22.9  | 18.4  | 27.6  |
| 138 | 12.8  | 11.1  | 16.7  |

