

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\  
 Data File : BM020192.D  
 Acq On : 08 May 2019 12:52  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 08 15:29:29 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  | 115419   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.58 | 136  | 479682   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.43 | 164  | 302011   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.18 | 188  | 711494   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.37 | 240  | 679251   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.66 | 264  | 769914   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.36  | 112 | 615430  | 87.16 | ng | 0.00 |
| 7) Phenol-d6                | 6.96  | 99  | 885916  | 91.84 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.96  | 82  | 1059365 | 87.19 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.93 | 330 | 451896  | 96.40 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.05 | 172 | 2194851 | 89.42 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.80 | 244 | 3609207 | 92.68 | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.30  | 88  | 140177  | 40.478 | ng | 90   |
| 3) Pyridine                    | 3.70  | 79  | 399636  | 45.121 | ng | 95   |
| 4) n-Nitrosodimethylamine      | 3.62  | 42  | 122619  | 43.174 | ng | # 72 |
| 6) Aniline                     | 7.12  | 93  | 565318  | 46.555 | ng | 100  |
| 8) 2-Chlorophenol              | 7.35  | 128 | 355413  | 46.227 | ng | 98   |
| 9) Benzaldehyde                | 6.94  | 77  | 310560  | 42.536 | ng | 94   |
| 10) Phenol                     | 6.98  | 94  | 469661  | 45.227 | ng | 94   |
| 11) bis(2-Chloroethyl)ether    | 7.22  | 93  | 364193  | 48.252 | ng | 96   |
| 12) 1,3-Dichlorobenzene        | 7.67  | 146 | 396285  | 44.301 | ng | 94   |
| 13) 1,4-Dichlorobenzene        | 7.82  | 146 | 403065  | 44.604 | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 8.13  | 146 | 395564  | 45.946 | ng | 98   |
| 15) Benzyl Alcohol             | 8.03  | 79  | 425447  | 45.739 | ng | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.30  | 45  | 268807  | 42.950 | ng | 94   |
| 17) 2-Methylphenol             | 8.23  | 107 | 309899  | 46.358 | ng | 95   |
| 18) Hexachloroethane           | 8.86  | 117 | 162460  | 43.117 | ng | 97   |
| 19) n-Nitroso-di-n-propylamine | 8.59  | 70  | 380506  | 46.105 | ng | 95   |
| 20) 3+4-Methylphenols          | 8.56  | 107 | 422730  | 47.580 | ng | 97   |
| 22) Acetophenone               | 8.62  | 105 | 571062  | 43.560 | ng | # 95 |
| 24) Nitrobenzene               | 9.00  | 77  | 539650  | 42.838 | ng | 95   |
| 25) Isophorone                 | 9.52  | 82  | 956162  | 45.635 | ng | 99   |
| 26) 2-Nitrophenol              | 9.70  | 139 | 212333  | 55.830 | ng | 90   |
| 27) 2,4-Dimethylphenol         | 9.76  | 122 | 286488  | 45.246 | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 10.00 | 93  | 519573  | 45.531 | ng | 100  |
| 29) 2,4-Dichlorophenol         | 10.23 | 162 | 370759  | 46.437 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.44 | 180 | 439009  | 44.687 | ng | 98   |
| 31) Naphthalene                | 10.63 | 128 | 1106067 | 44.434 | ng | 99   |
| 32) Benzoic acid               | 9.90  | 122 | 211589  | 47.109 | ng | 92   |
| 33) 4-Chloroaniline            | 10.75 | 127 | 463822  | 45.271 | ng | 96   |
| 34) Hexachlorobutadiene        | 10.90 | 225 | 304886  | 43.871 | ng | 97   |
| 35) Caprolactam                | 11.56 | 113 | 119803m | 50.182 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 11.87 | 107 | 422289  | 45.008 | ng | 97   |
| 37) 2-Methylnaphthalene        | 12.25 | 142 | 824658  | 45.442 | ng | 97   |
| 38) 1-Methylnaphthalene        | 12.47 | 142 | 810066  | 45.648 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.61 | 216 | 535291  | 45.303 | ng | 99   |

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 Data File : BM020192.D  
 Acq On : 08 May 2019 12:52  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

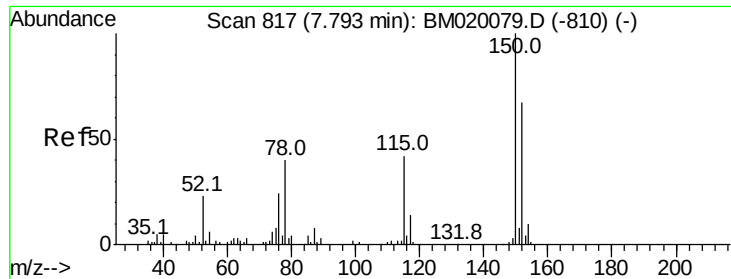
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 08 15:29:29 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  | 303672   | 43.649 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.86 | 196  | 331993   | 49.439 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.93 | 196  | 348921   | 46.511 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.26 | 154  | 1115200  | 44.862 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.31 | 162  | 892274   | 44.957 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.52 | 65   | 315626   | 44.668 | ng    | 88       |
| 49) Acenaphthylene             | 14.16 | 152  | 1426942  | 44.924 | ng    | 100      |
| 50) Dimethylphthalate          | 13.89 | 163  | 1137186  | 44.303 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.02 | 165  | 249712   | 46.189 | ng    | 92       |
| 52) Acenaphthene               | 14.50 | 154  | 815923   | 44.794 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.35 | 138  | 228946   | 45.627 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.56 | 184  | 131007   | 51.726 | ng    | 91       |
| 55) Dibenzofuran               | 14.83 | 168  | 1358532  | 44.216 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.66 | 139  | 180819   | 42.236 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 14.81 | 165  | 347461   | 47.298 | ng    | 91       |
| 58) Fluorene                   | 15.48 | 166  | 1105898  | 43.827 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.06 | 232  | 330241   | 46.323 | ng    | 95       |
| 60) Diethylphthalate           | 15.26 | 149  | 1104896  | 42.725 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.47 | 204  | 631396   | 44.162 | ng    | 95       |
| 62) 4-Nitroaniline             | 15.52 | 138  | 246491   | 44.513 | ng    | 89       |
| 63) Azobenzene                 | 15.77 | 77   | 1233093  | 40.418 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.57 | 198  | 195959   | 53.604 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.69 | 169  | 954145   | 45.574 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.37 | 248  | 402849   | 46.173 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.48 | 284  | 456683   | 45.486 | ng    | 94       |
| 69) Atrazine                   | 16.64 | 200  | 362673   | 44.327 | ng    | 97       |
| 70) Pentachlorophenol          | 16.83 | 266  | 259679   | 45.205 | ng    | 98       |
| 71) Phenanthrene               | 17.22 | 178  | 1736761  | 44.220 | ng    | 99       |
| 72) Anthracene                 | 17.32 | 178  | 1716614  | 43.715 | ng    | 100      |
| 73) Carbazole                  | 17.59 | 167  | 1524229  | 43.018 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.14 | 149  | 1858738  | 43.591 | ng    | 98       |
| 75) Fluoranthene               | 19.24 | 202  | 2107681  | 42.414 | ng    | 99       |
| 77) Benzidine                  | 19.43 | 184  | 860022   | 39.603 | ng    | 99       |
| 78) Pyrene                     | 19.61 | 202  | 2140654  | 46.940 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.50 | 149  | 811894   | 48.956 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.35 | 228  | 2088117  | 43.835 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 829976   | 45.651 | ng    | 98       |
| 83) Chrysene                   | 21.41 | 228  | 2022106  | 43.770 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 1147371  | 44.586 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.16 | 149  | 1960676  | 45.841 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 26.00 | 276  | 2480550  | 45.140 | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.97 | 252  | 2112207  | 41.545 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.01 | 252  | 1941360  | 41.861 | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.56 | 252  | 1954528  | 42.324 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.01 | 278  | 2072431  | 43.153 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.72 | 276  | 1986477  | 43.567 | ng    | 99       |

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



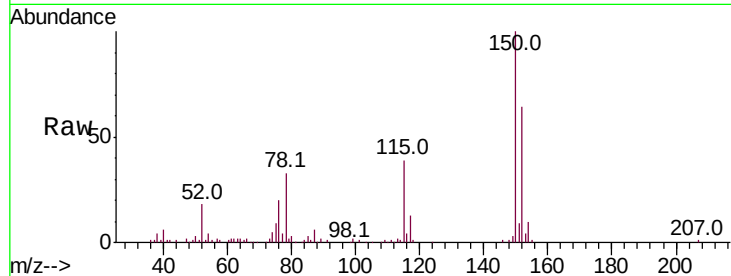


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.79 min Scan# 816  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.4 | 119.8 | 179.8 |
| 115     | 60.8  | 50.8  | 76.2  |

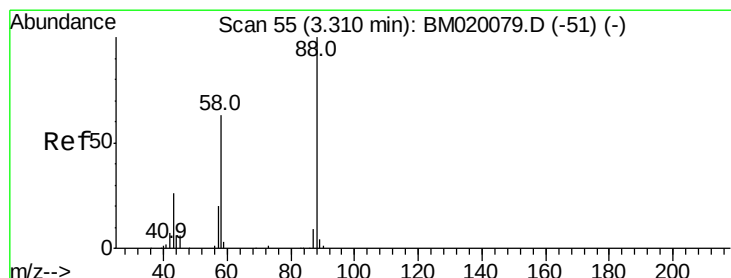
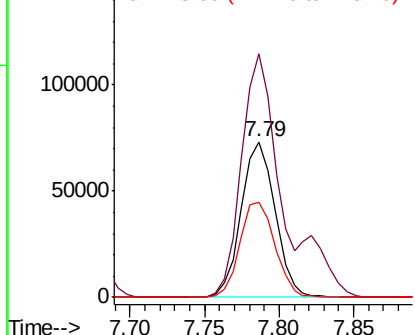
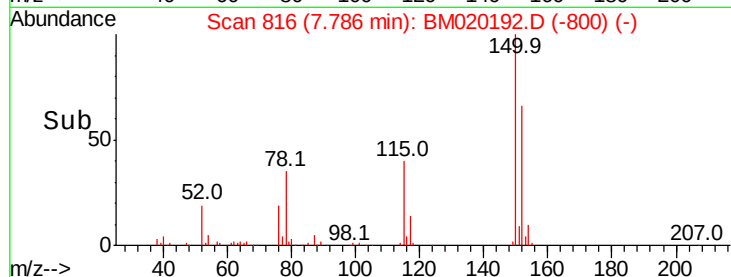


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

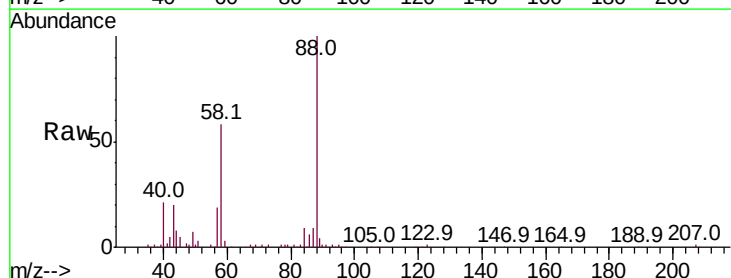
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 40.478 ng  
RT: 3.30 min Scan# 53  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 57.0  | 51.8  | 77.6  |
| 43      | 20.5  | 20.3  | 30.5  |

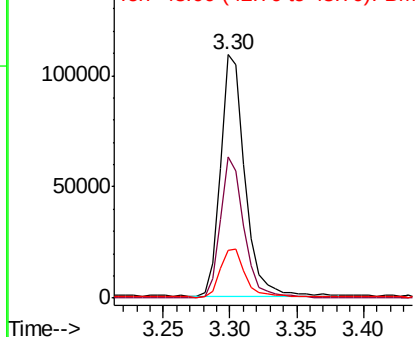
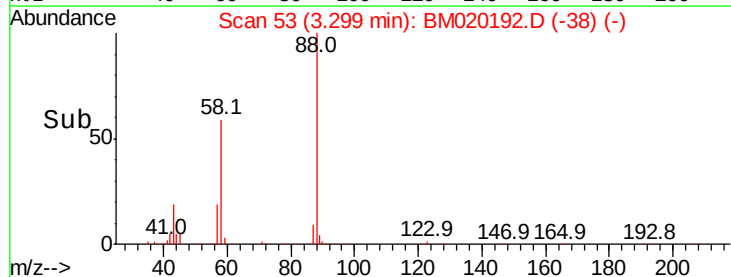


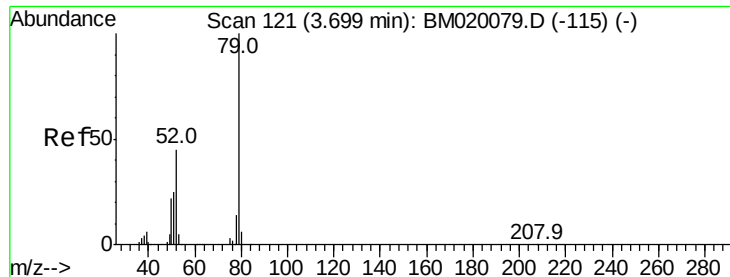
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 45.121 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

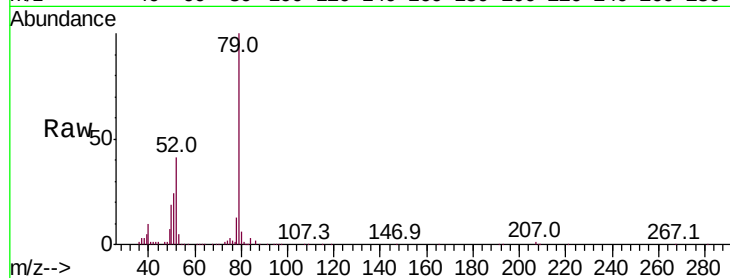
Tot Ion: 79 Resp: 399636

Ion Ratio Lower Upper

79 100

52 40.9 35.7 53.5

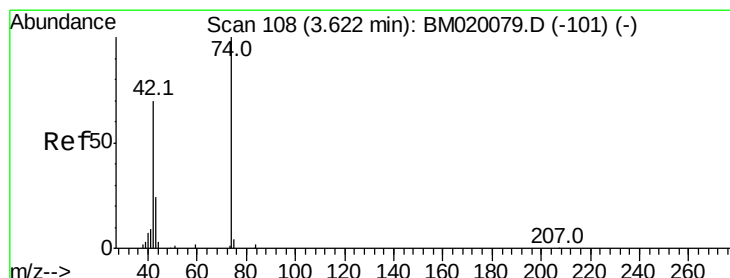
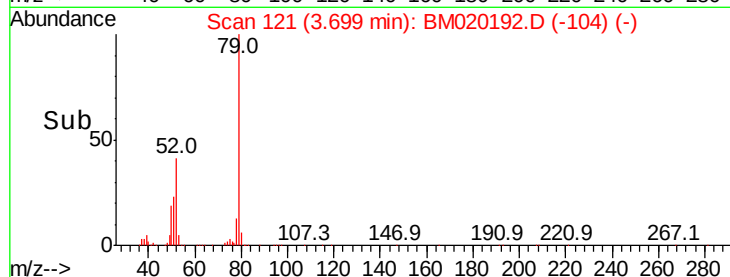
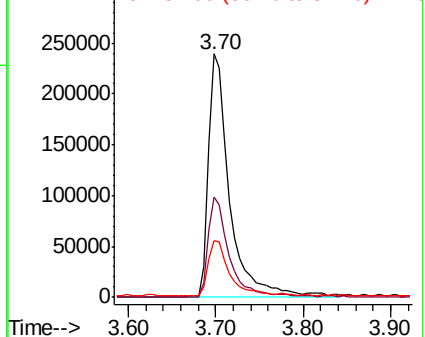
51 23.5 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 43.174 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

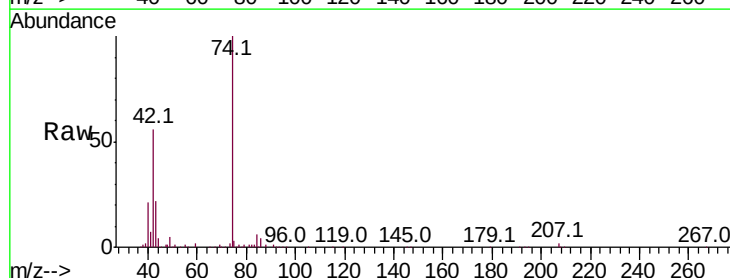
Tgt Ion: 42 Resp: 122619

Ion Ratio Lower Upper

42 100

74 177.5 113.7 170.5#

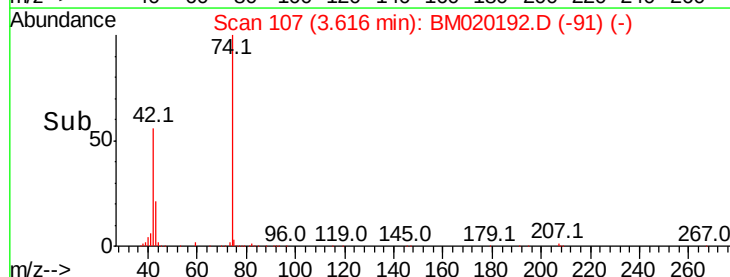
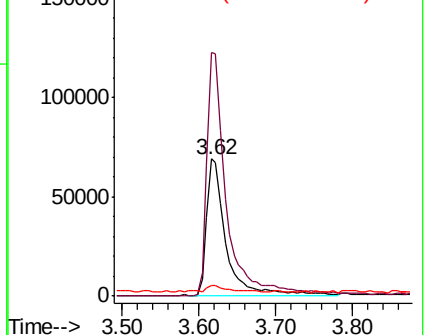
44 7.6 3.9 5.9#

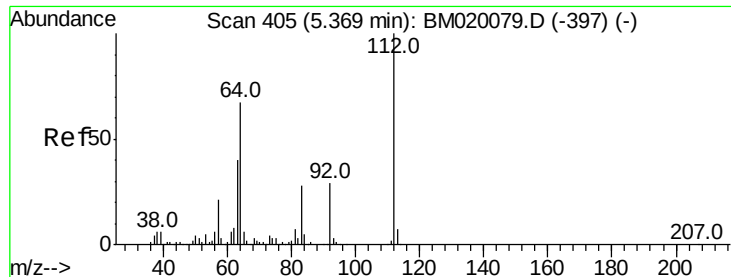


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 87.159 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampled :

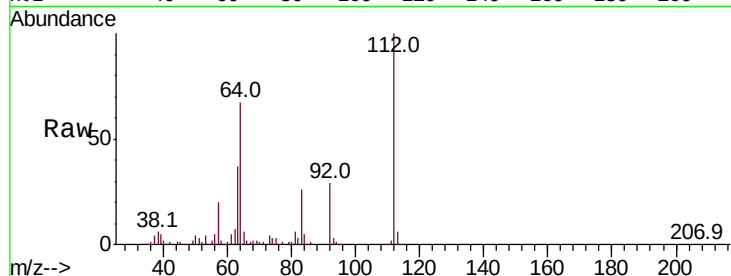
Tot Ion:112 Resp: 615430

Ion Ratio Lower Upper

112 100

64 67.0 53.8 80.6

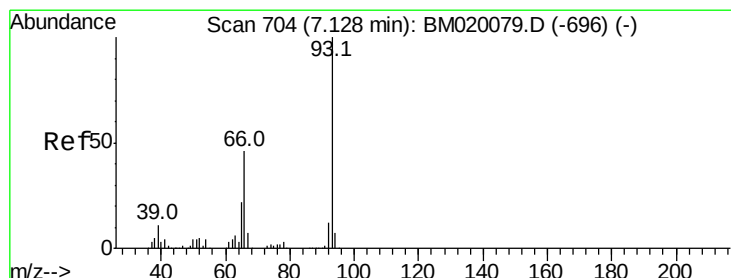
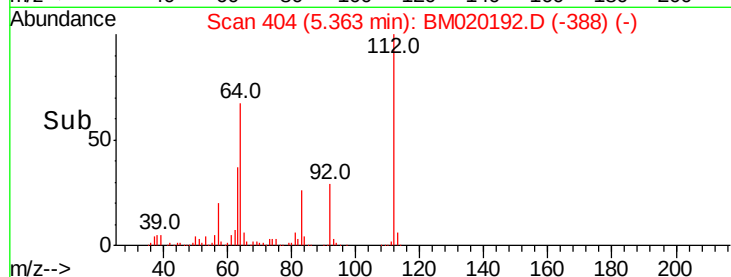
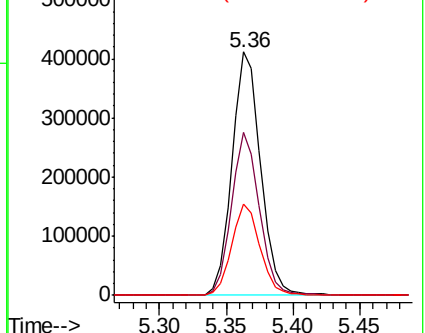
63 37.5 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 46.555 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

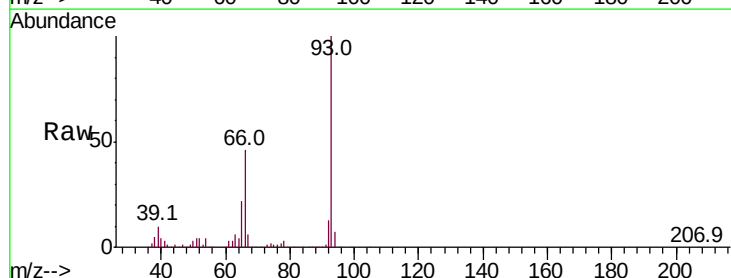
Tgt Ion: 93 Resp: 565318

Ion Ratio Lower Upper

93 100

66 45.6 36.6 54.8

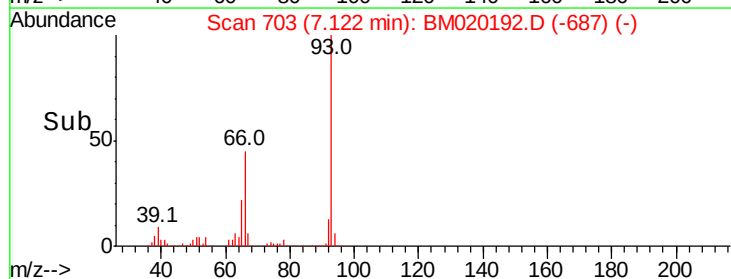
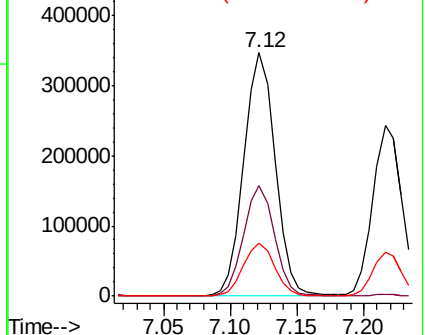
65 21.7 17.8 26.6

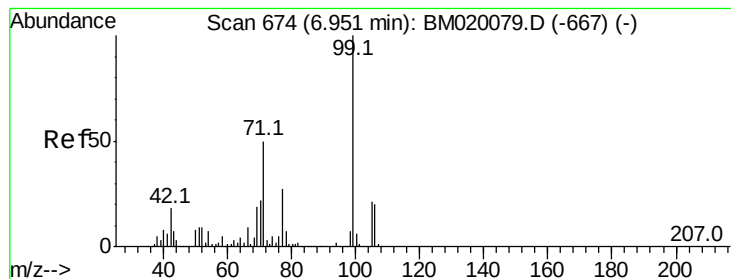


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 91.839 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

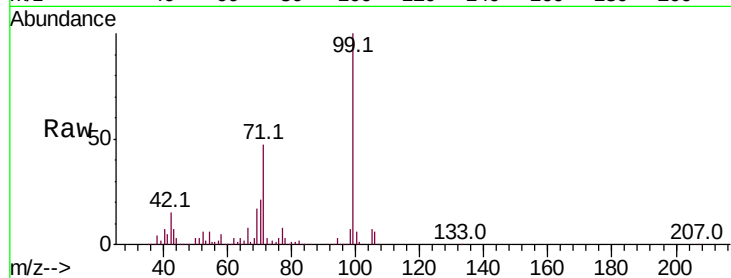
Tot Ion: 99 Resp: 885916

Ion Ratio Lower Upper

99 100

42 14.8 14.2 21.2

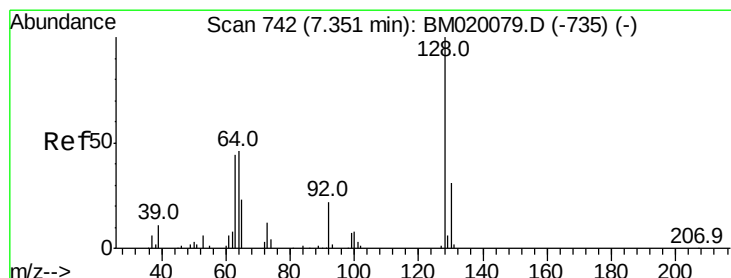
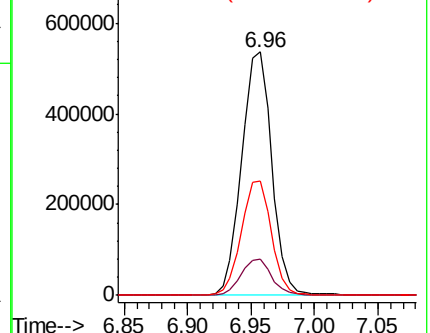
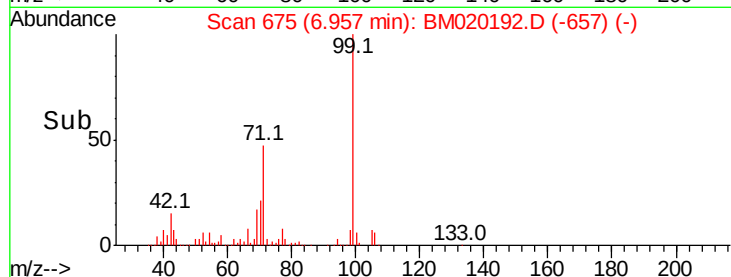
71 47.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 46.227 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

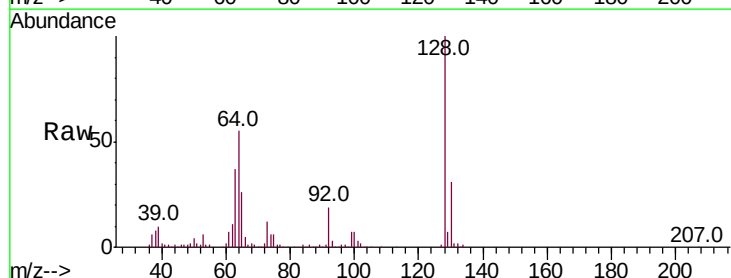
Tgt Ion: 128 Resp: 355413

Ion Ratio Lower Upper

128 100

130 31.3 10.8 50.8

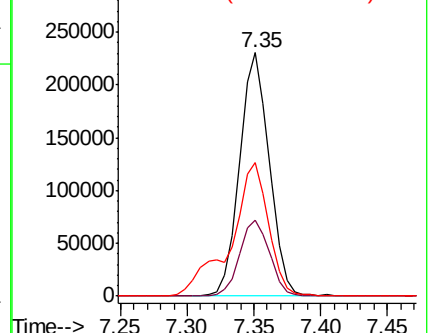
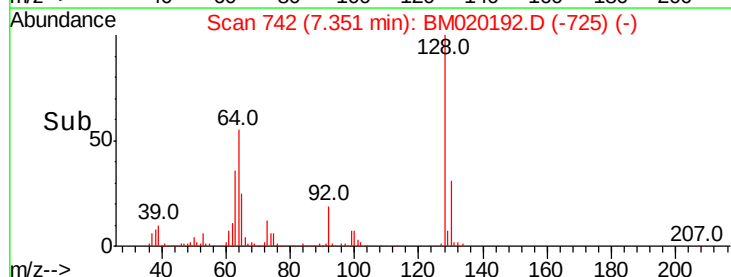
64 55.1 36.5 76.5



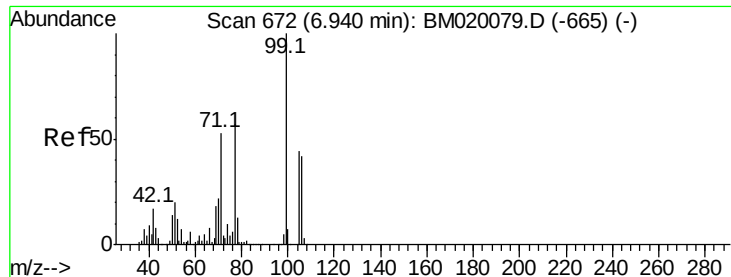
Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)







#9

Benzaldehyde

Concen: 42.536 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampled :

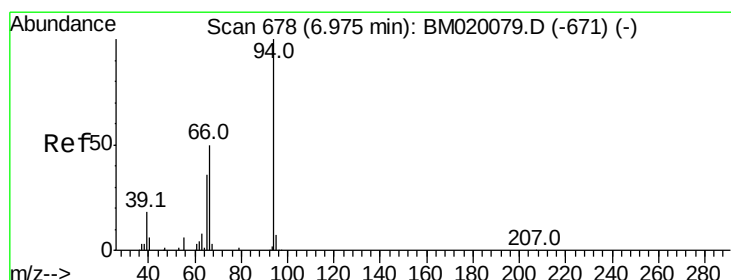
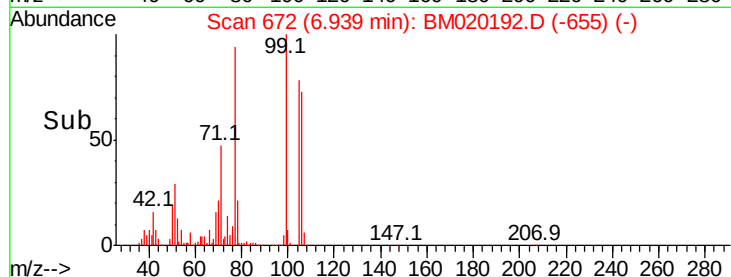
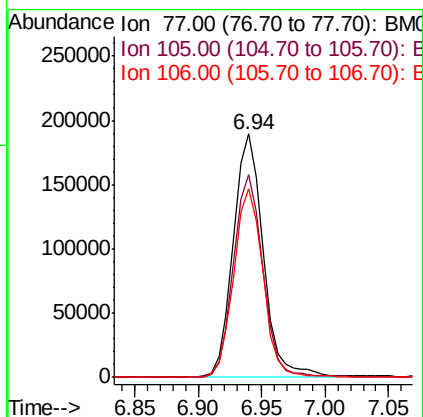
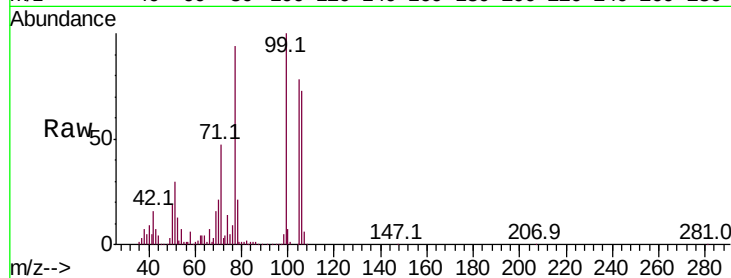
Tot Ion: 77 Resp: 310560

Ion Ratio Lower Upper

77 100

105 83.5 57.8 97.8

106 77.7 53.6 93.6



#10

Phenol

Concen: 45.227 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

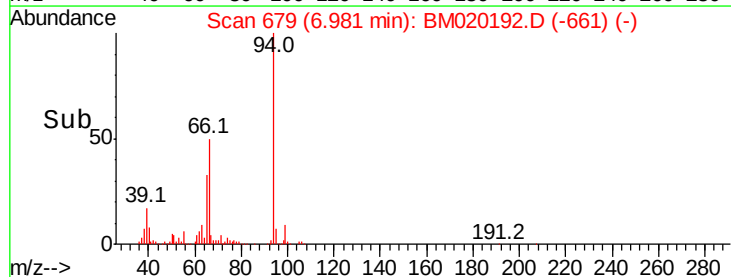
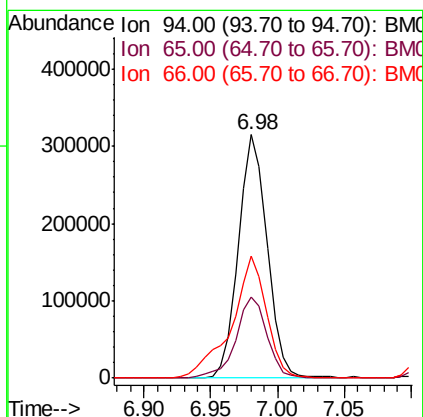
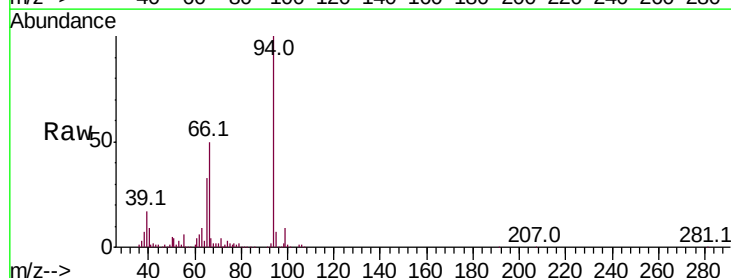
Tgt Ion: 94 Resp: 469661

Ion Ratio Lower Upper

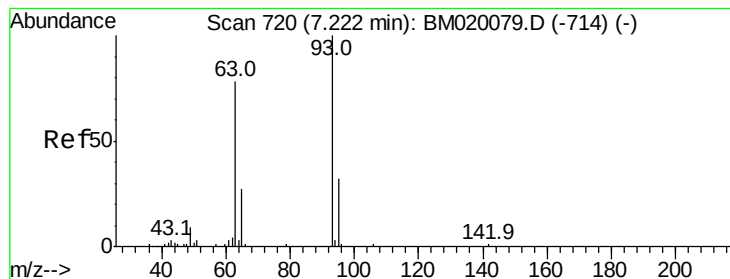
94 100

65 33.3 17.0 57.0

66 49.9 34.5 74.5







#11

bis(2-Chloroethyl)ether

Concen: 48.252 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

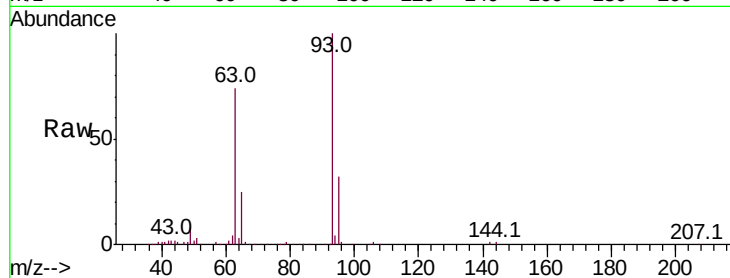
Tot Ion: 93 Resp: 364193

Ion Ratio Lower Upper

93 100

63 73.9 57.9 97.9

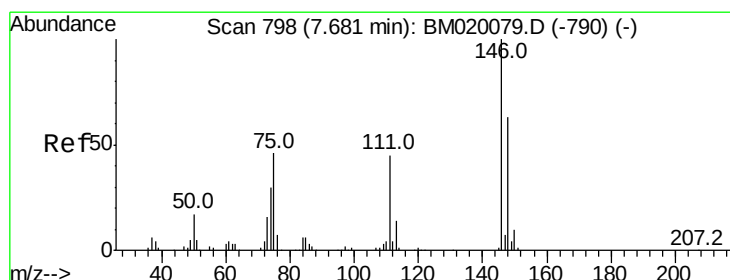
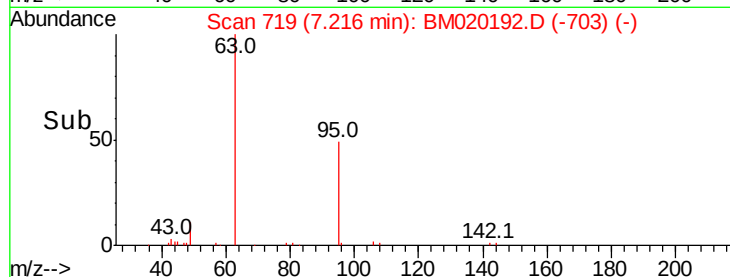
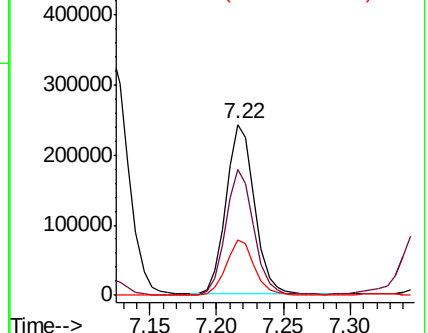
95 32.3 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BM020079.D (-714) (-)

Ion 63.00 (62.70 to 63.70): BM020079.D (-714) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-714) (-)



#12

1,3-Dichlorobenzene

Concen: 44.301 ng

RT: 7.67 min Scan# 797

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

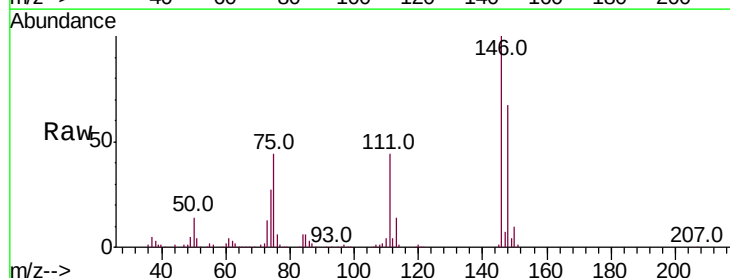
Tgt Ion: 146 Resp: 396285

Ion Ratio Lower Upper

146 100

148 67.5 50.1 75.1

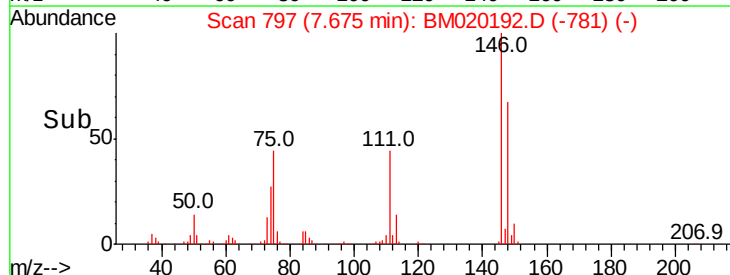
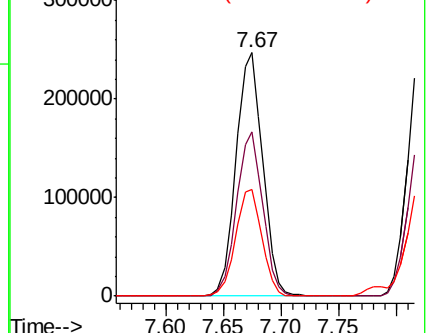
75 43.5 37.2 55.8

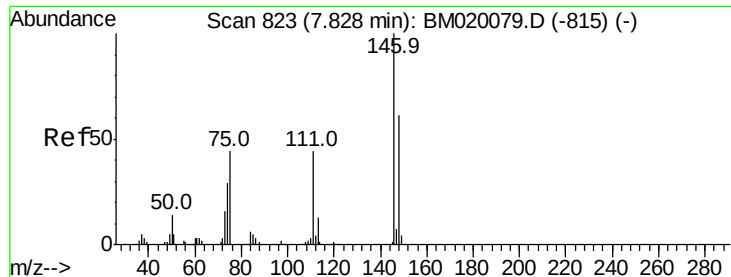


Abundance Ion 146.00 (145.70 to 146.70): BM020079.D (-790) (-)

Ion 148.00 (147.70 to 148.70): BM020079.D (-790) (-)

Ion 75.00 (74.70 to 75.70): BM020079.D (-790) (-)

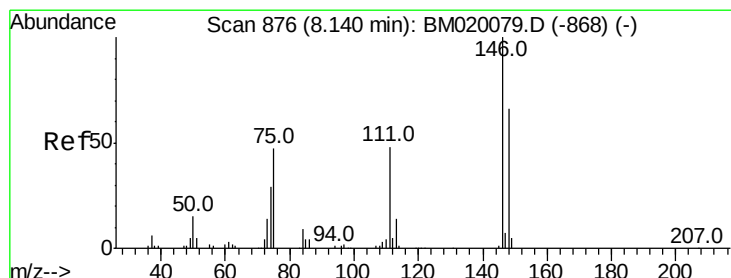
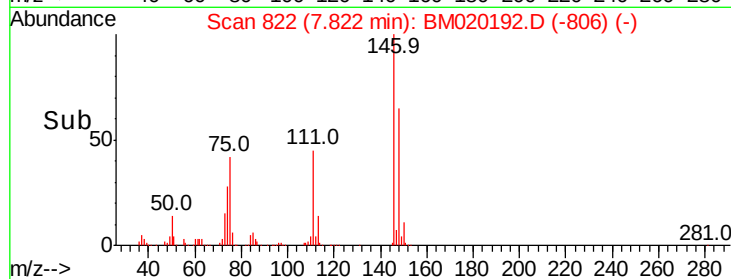
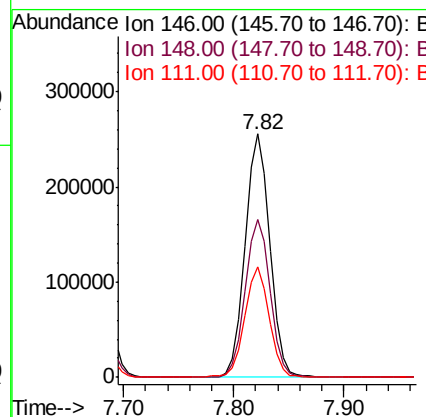
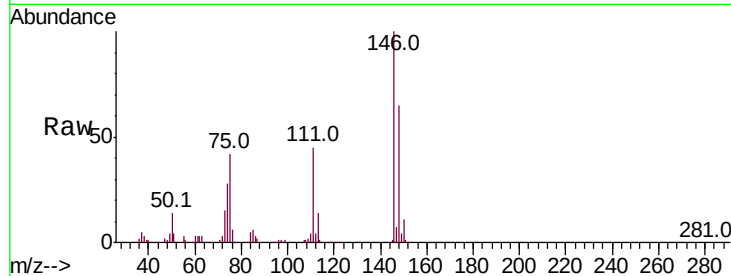




#13  
 1,4-Dichlorobenzene  
 Concen: 44.604 ng  
 RT: 7.82 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

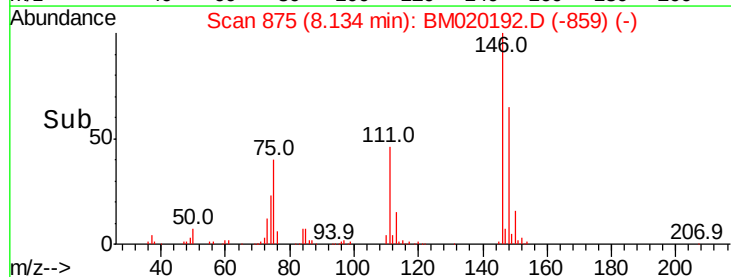
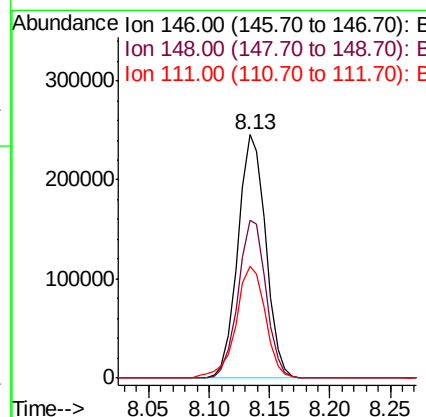
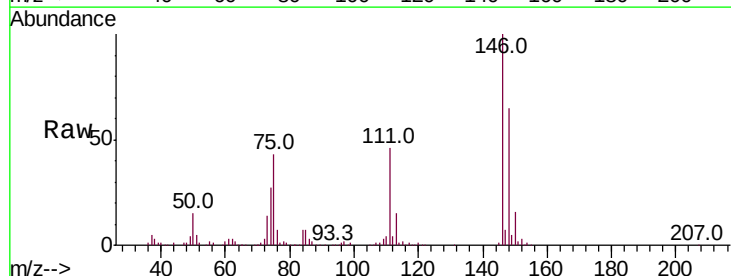
Instrument :  
 BNA\_M  
 ClientSampleId :

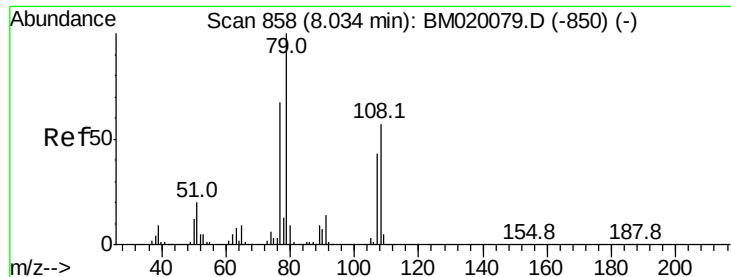
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 48.5  | 72.7  |
| 111     | 45.1  | 35.7  | 53.5  |



#14  
 1,2-Dichlorobenzene  
 Concen: 45.946 ng  
 RT: 8.13 min Scan# 875  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 52.6  | 79.0  |
| 111     | 45.9  | 39.0  | 58.4  |





#15

Benzyl Alcohol

Concen: 45.739 ng

RT: 8.03 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

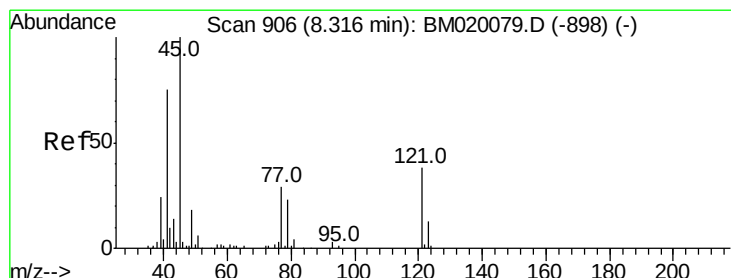
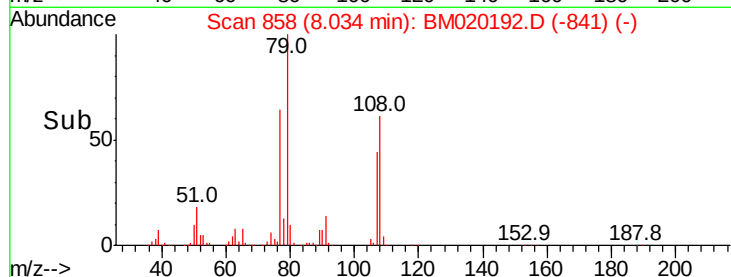
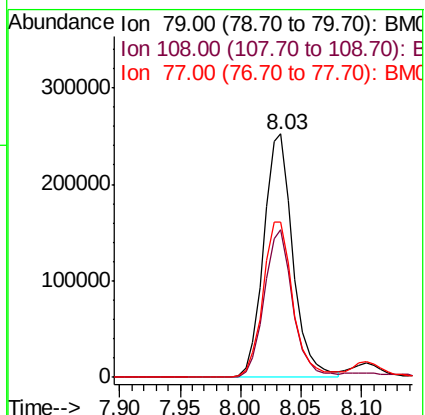
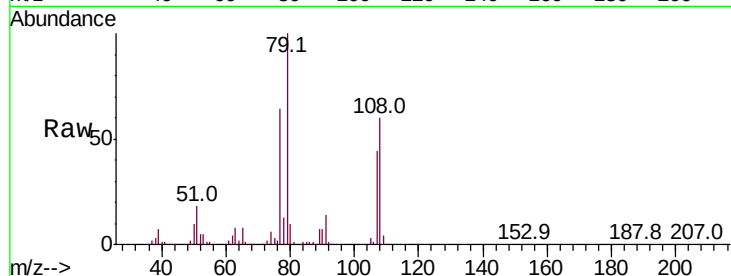
Tot Ion: 79 Resp: 425447

Ion Ratio Lower Upper

79 100

108 60.5 46.0 69.0

77 63.6 53.8 80.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.950 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

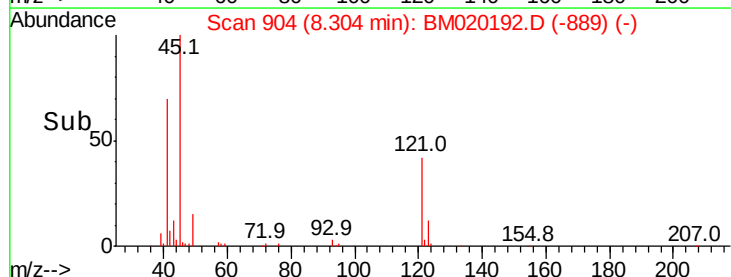
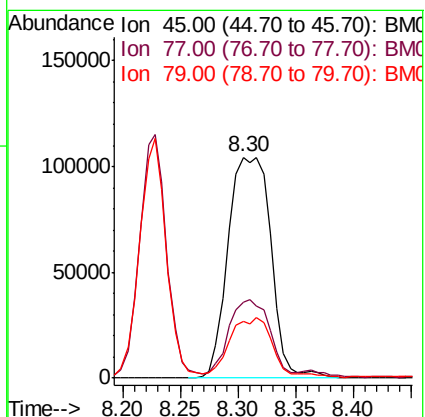
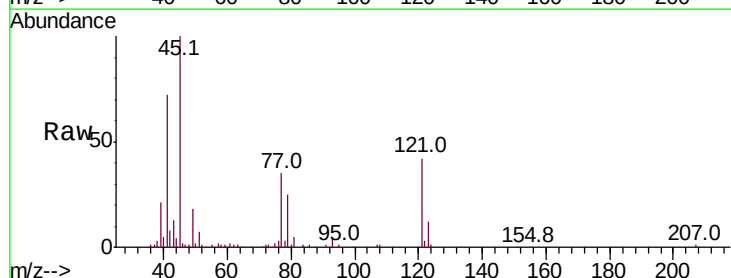
Tgt Ion: 45 Resp: 268807

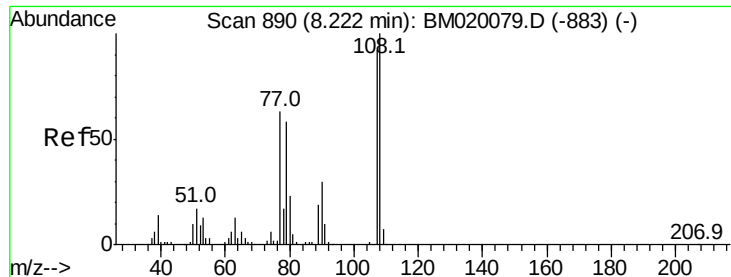
Ion Ratio Lower Upper

45 100

77 34.5 10.5 50.5

79 25.5 3.3 43.3

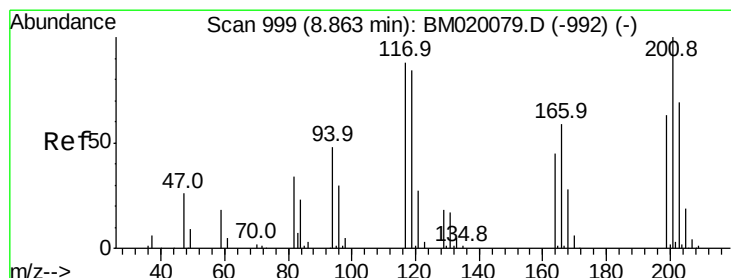
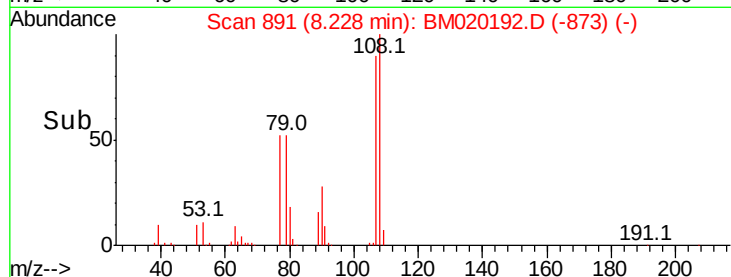
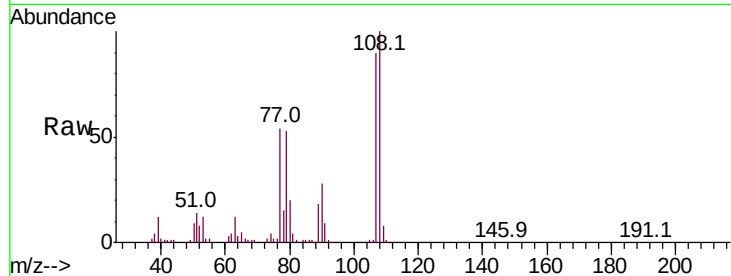
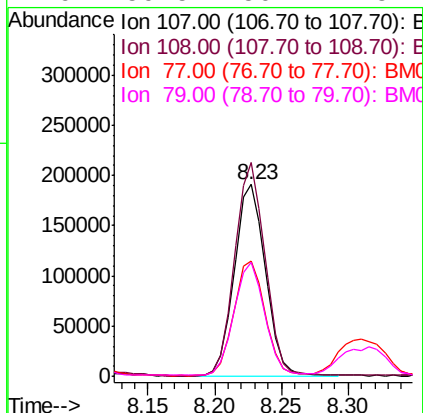




#17  
2-Methylphenol  
Concen: 46.358 ng  
RT: 8.23 min Scan# 891  
Delta R.T. 0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

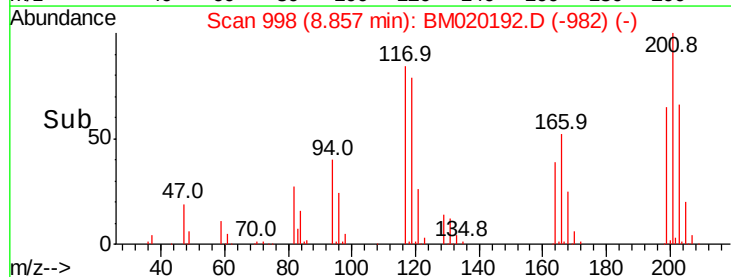
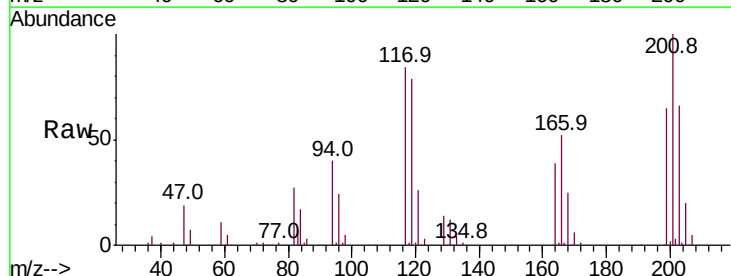
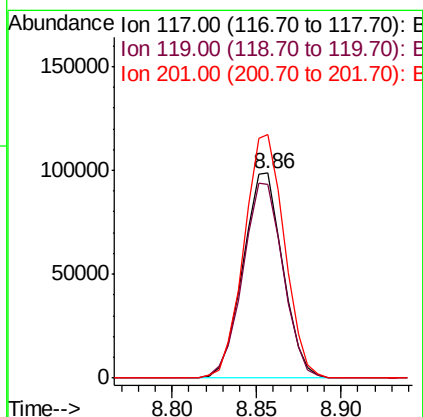
Instrument :  
BNA\_M  
ClientSampled :

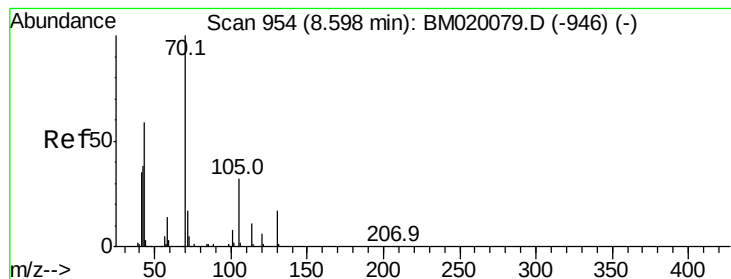
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.5 | 87.0  | 130.4 |
| 77      | 60.3  | 54.7  | 82.1  |
| 79      | 59.5  | 50.1  | 75.1  |



#18  
Hexachloroethane  
Concen: 43.117 ng  
RT: 8.86 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.3  | 76.6  | 114.8 |
| 201     | 118.8 | 90.7  | 136.1 |





#19

n-Nitroso-di-n-propylamine

Concen: 46.105 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 380506

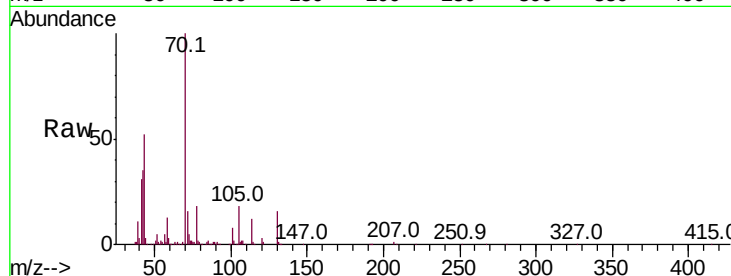
Ion Ratio Lower Upper

70 100

42 34.7 31.0 46.4

101 8.2 6.2 9.2

130 15.8 13.5 20.3

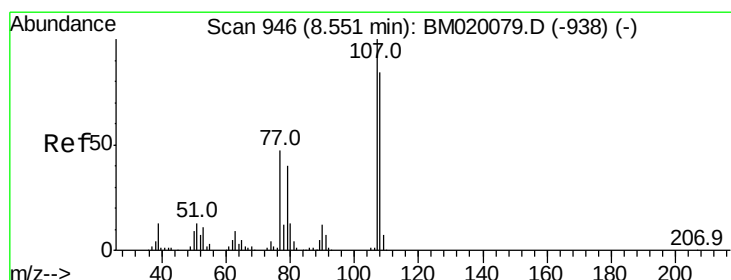
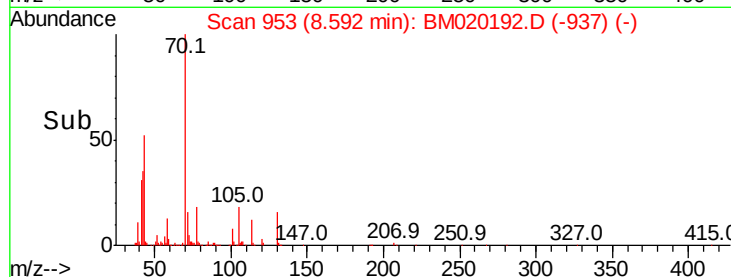
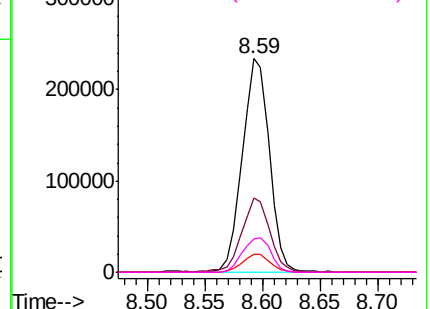


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 47.580 ng

RT: 8.56 min Scan# 947

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion: 107 Resp: 422730

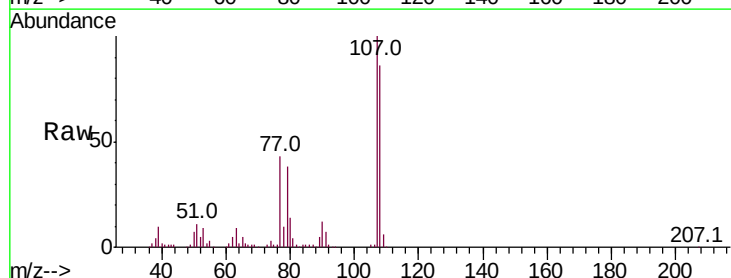
Ion Ratio Lower Upper

107 100

108 86.0 64.4 104.4

77 43.3 27.2 67.2

79 38.3 19.6 59.6

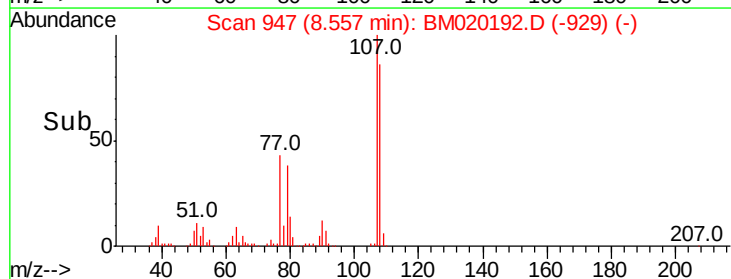
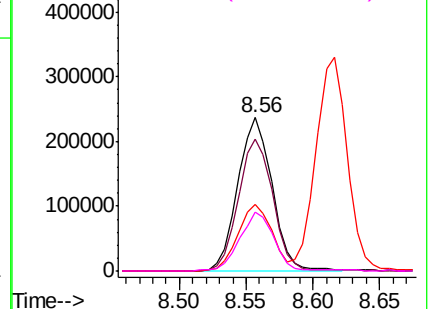


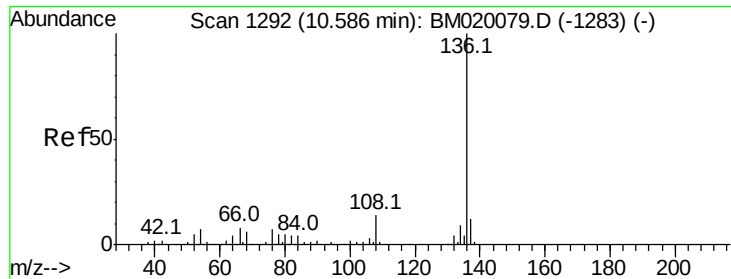
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

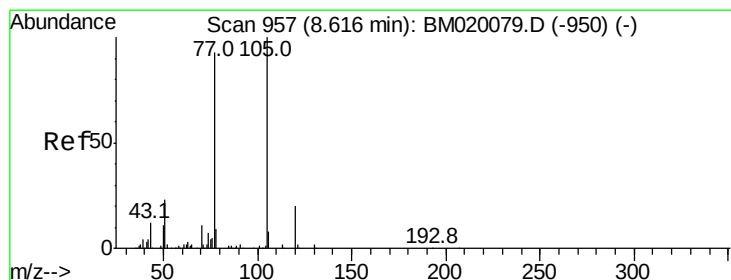
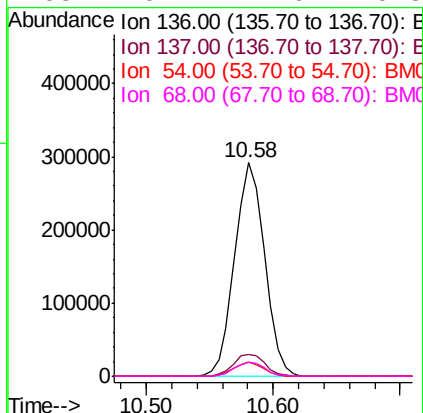
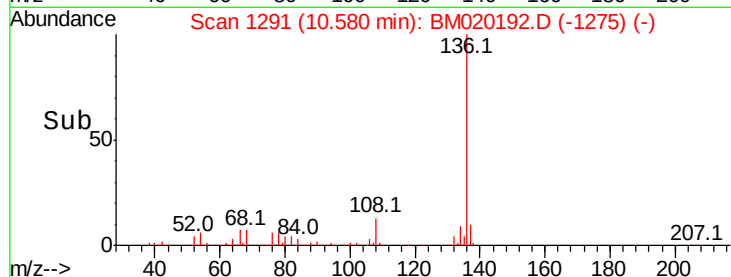
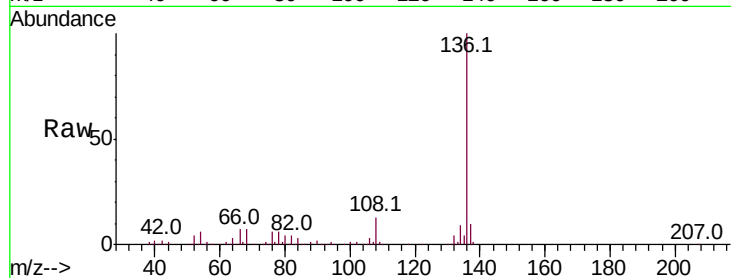




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.58 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

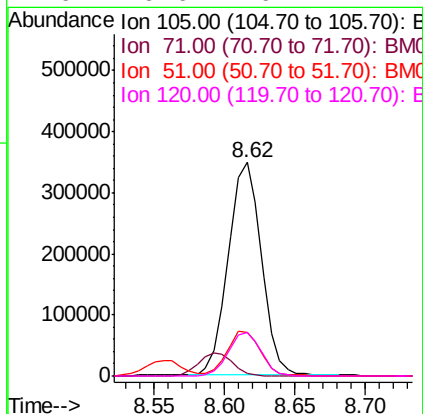
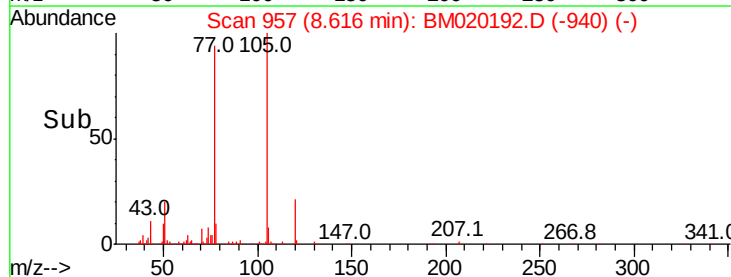
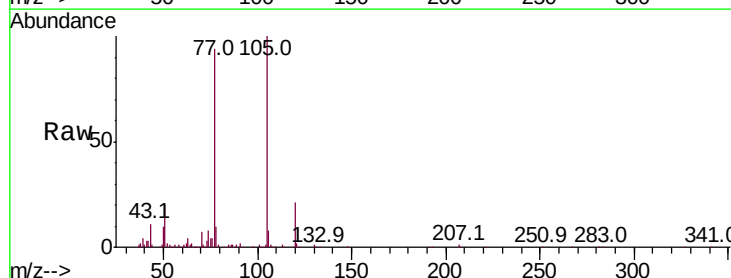
Instrument :  
BNA\_M  
ClientSampleId :

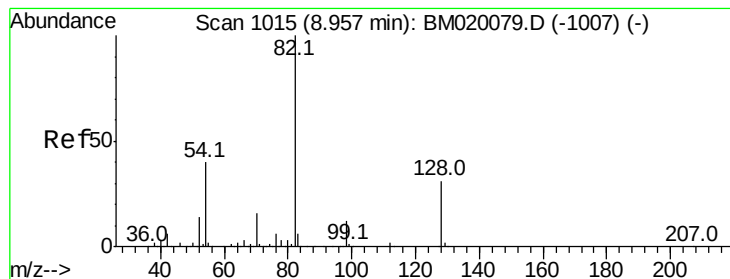
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 479682 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.3  | 9.6   | 14.4   |
| 54       | 6.4   | 5.5   | 8.3    |
| 68       | 6.7   | 4.6   | 6.8    |



#22  
Acetophenone  
Concen: 43.560 ng  
RT: 8.62 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 571062 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.4   | 2.2   | 3.2#   |
| 51       | 20.1  | 19.3  | 28.9   |
| 120      | 20.6  | 16.2  | 24.4   |





#23

Nitrobenzene-d5

Concen: 87.191 ng

RT: 8.96 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

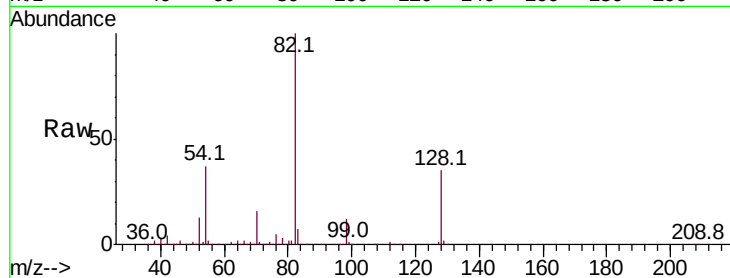
Tot Ion: 82 Resp: 1059365

Ion Ratio Lower Upper

82 100

128 34.7 25.2 37.8

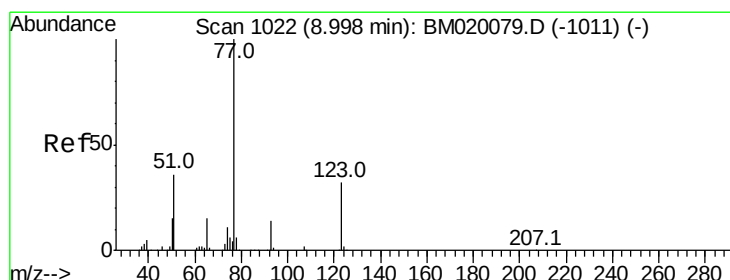
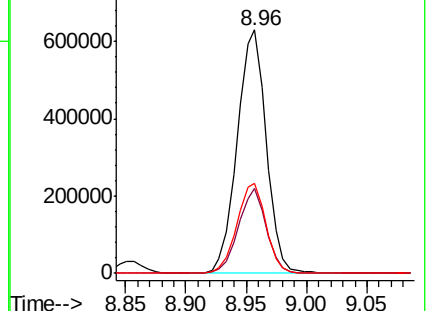
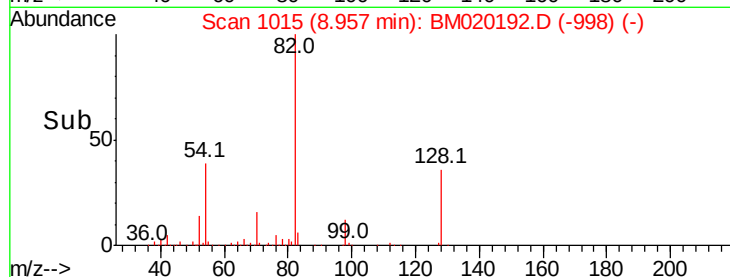
54 37.2 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020192.D (-998) (-)

Ion 128.00 (127.70 to 128.70): BM020192.D (-998) (-)

Ion 54.00 (53.70 to 54.70): BM020192.D (-998) (-)



#24

Nitrobenzene

Concen: 42.838 ng

RT: 9.00 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

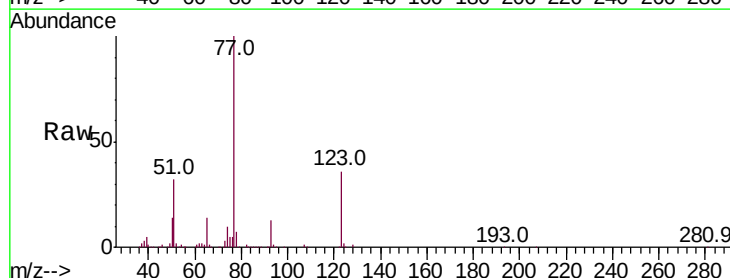
Tgt Ion: 77 Resp: 539650

Ion Ratio Lower Upper

77 100

123 35.7 25.5 38.3

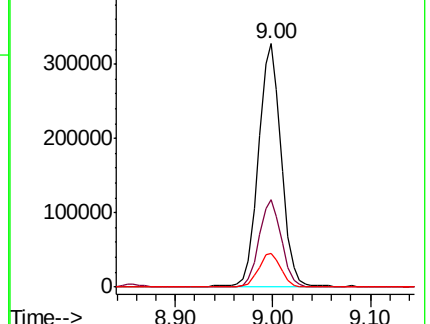
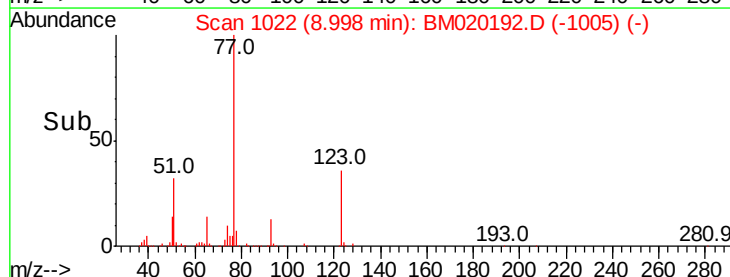
65 14.0 11.8 17.6



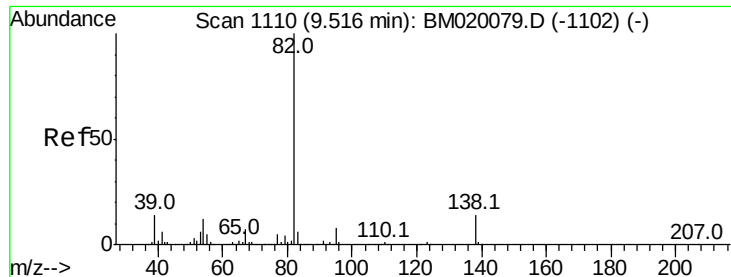
Abundance Ion 77.00 (76.70 to 77.70): BM020192.D (-1005) (-)

Ion 123.00 (122.70 to 123.70): BM020192.D (-1005) (-)

Ion 65.00 (64.70 to 65.70): BM020192.D (-1005) (-)







#25

Isophorone

Concen: 45.635 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

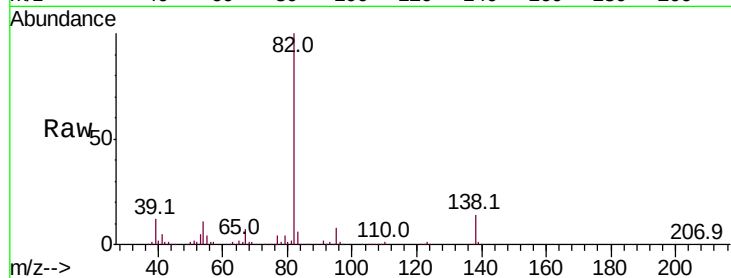
Tot Ion: 82 Resp: 956162

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 14.4 11.1 16.7

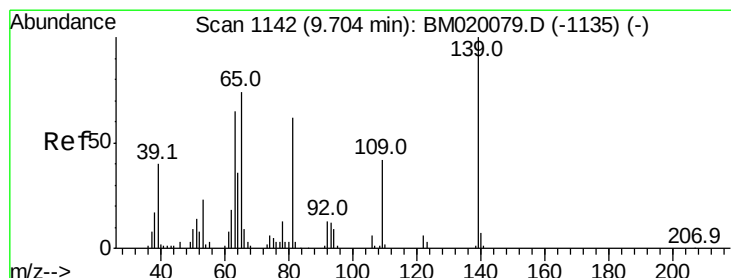
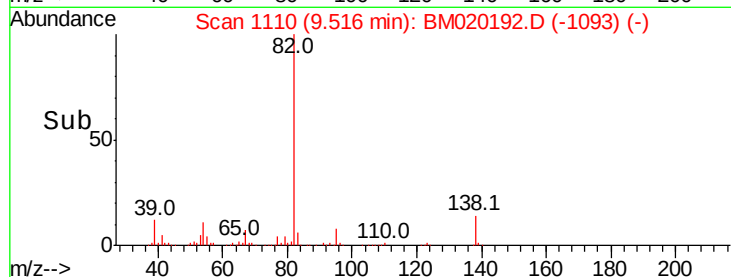
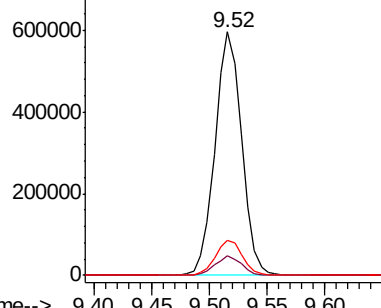


Abundance Ion 82.00 (81.70 to 82.70): BM020192.D (-1093) (-)

800000

Ion 95.00 (94.70 to 95.70): BM020192.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM020192.D (-1093) (-)



#26

2-Nitrophenol

Concen: 55.830 ng

RT: 9.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

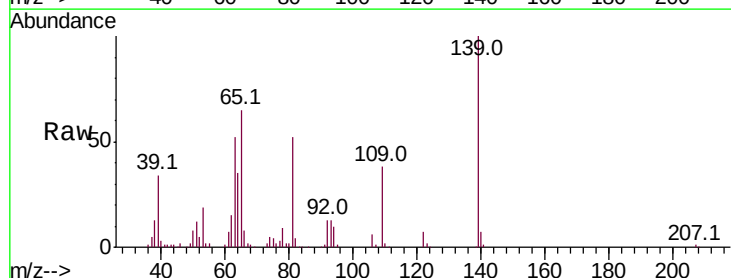
Tgt Ion: 139 Resp: 212333

Ion Ratio Lower Upper

139 100

109 37.8 33.7 50.5

65 64.7 59.5 89.3

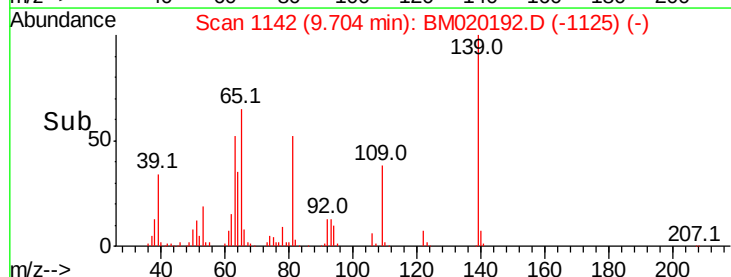
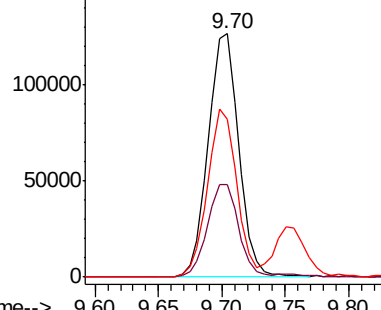


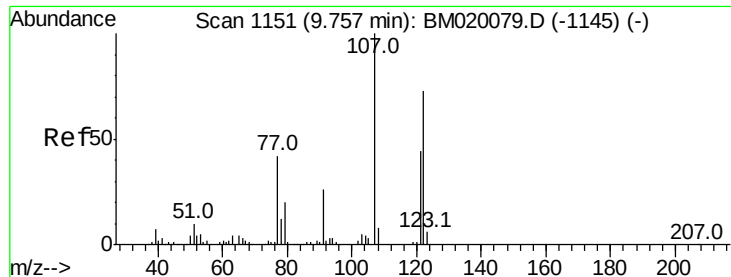
Abundance Ion 139.00 (138.70 to 139.70): BM020192.D (-1125) (-)

150000

Ion 109.00 (108.70 to 109.70): BM020192.D (-1125) (-)

Ion 65.00 (64.70 to 65.70): BM020192.D (-1125) (-)

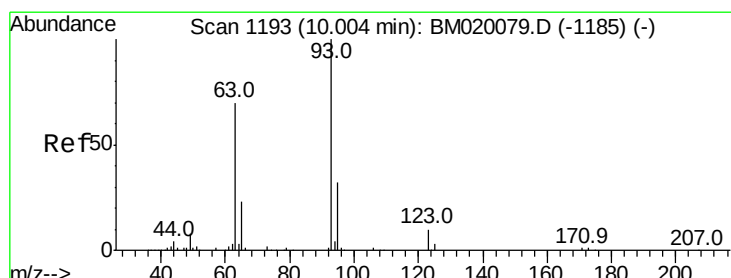
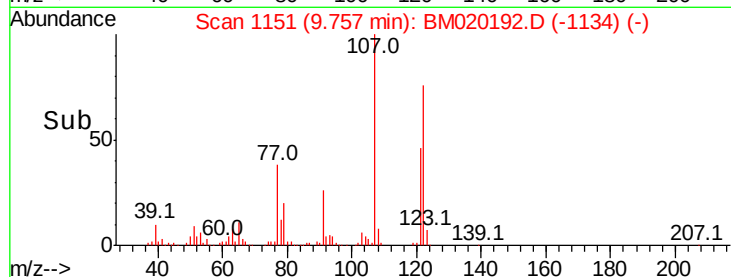
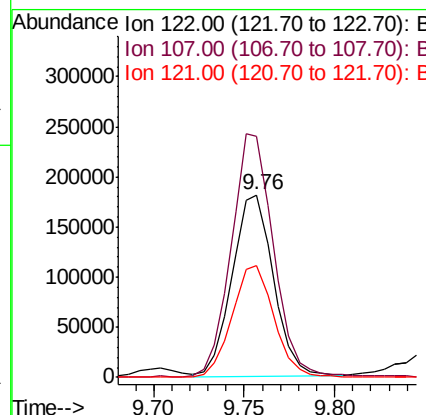
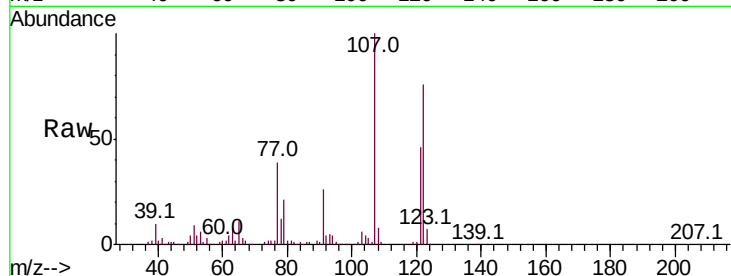




#27  
 2,4-Dimethylphenol  
 Concen: 45.246 ng  
 RT: 9.76 min Scan# 1151  
 Delta R.T. -0.00 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

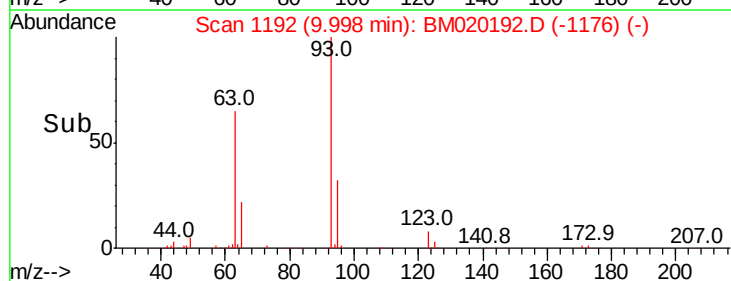
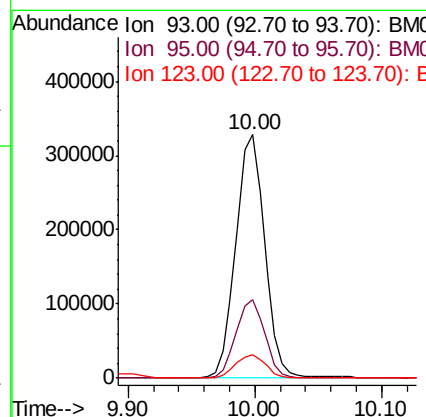
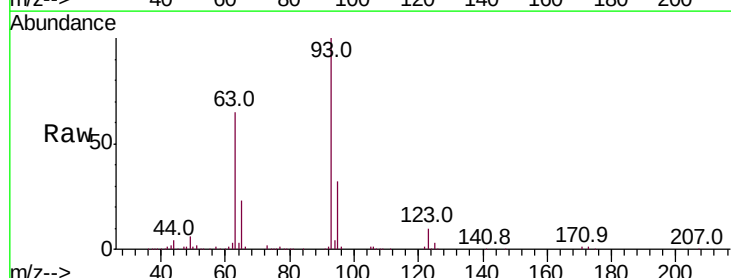
Instrument :  
 BNA\_M  
 ClientSampleId :

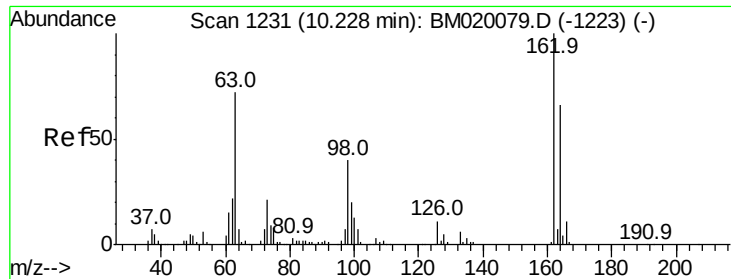
Tot Ion:122 Resp: 286488  
 Ion Ratio Lower Upper  
 122 100  
 107 132.3 108.6 162.8  
 121 61.2 47.4 71.2



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.531 ng  
 RT: 10.00 min Scan# 1192  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Tgt Ion: 93 Resp: 519573  
 Ion Ratio Lower Upper  
 93 100  
 95 32.0 25.5 38.3  
 123 9.6 7.6 11.4

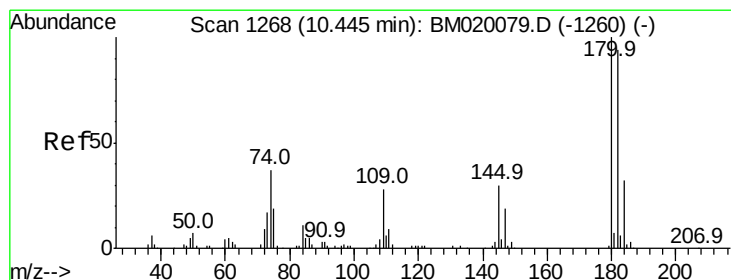
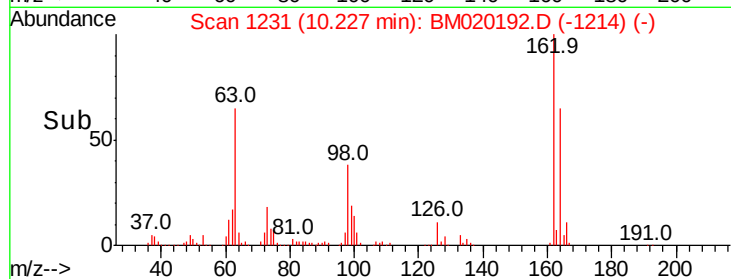
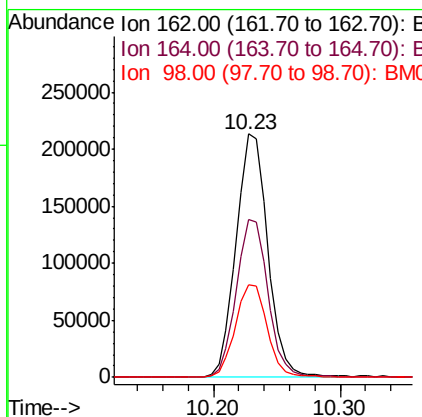
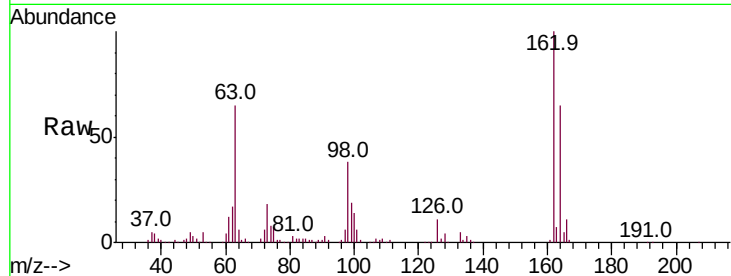




#29  
 2,4-Dichlorophenol  
 Concen: 46.437 ng  
 RT: 10.23 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

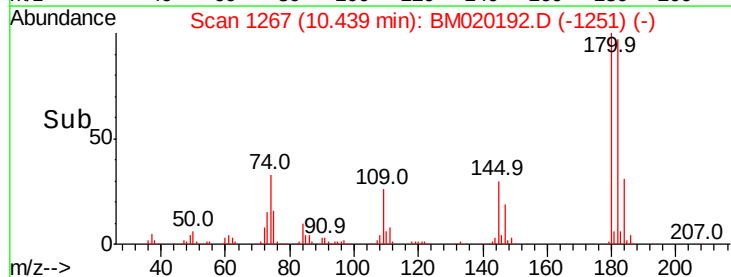
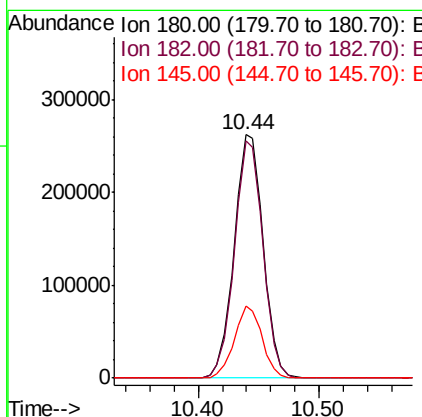
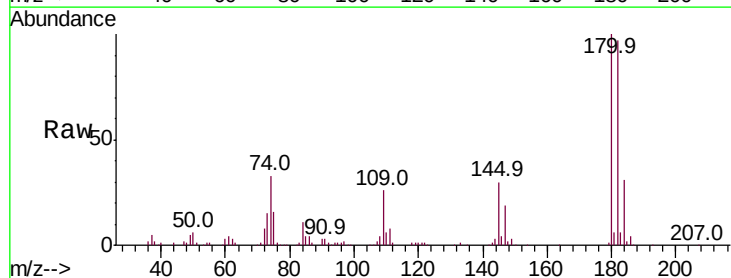
Instrument :  
 BNA\_M  
 ClientSampled :

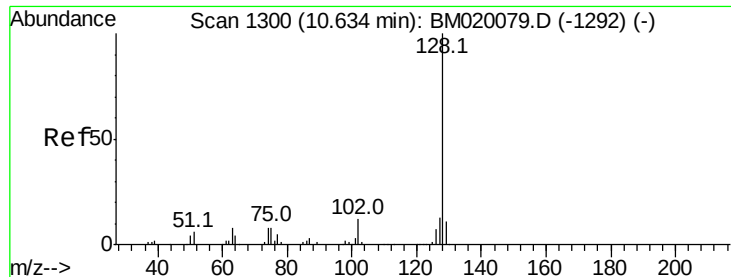
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 45.6  | 85.6  |
| 98      | 37.9  | 20.4  | 60.4  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.687 ng  
 RT: 10.44 min Scan# 1267  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.3  | 75.4  | 113.0 |
| 145     | 29.7  | 23.8  | 35.8  |

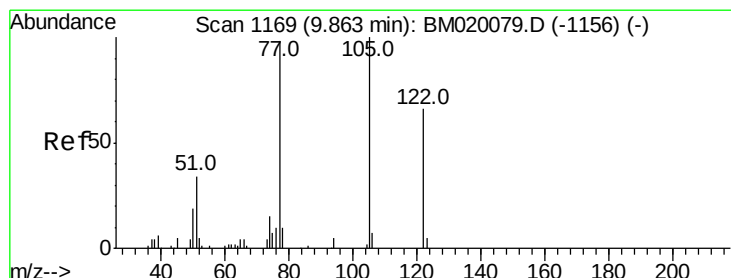
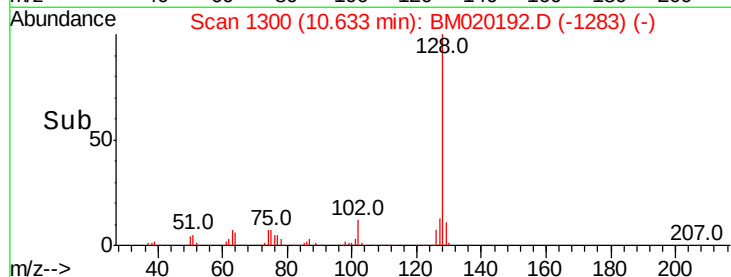
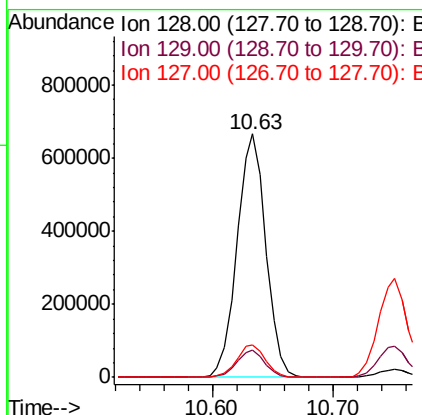
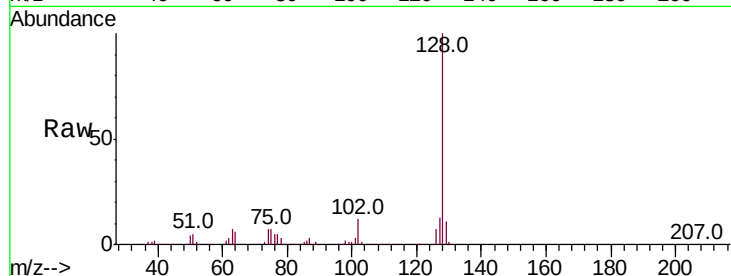




#31  
Naphthalene  
Concen: 44.434 ng  
RT: 10.63 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

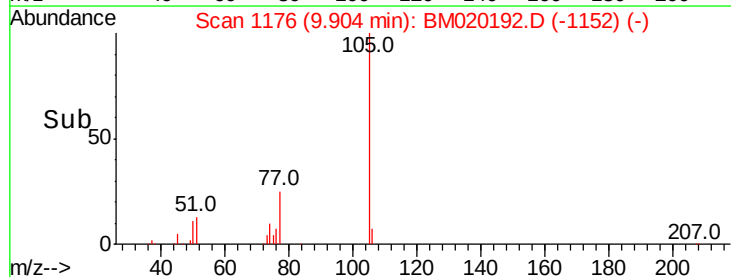
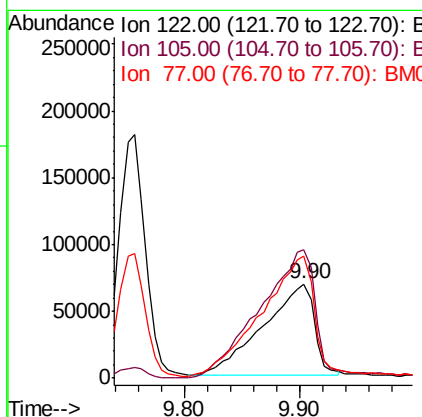
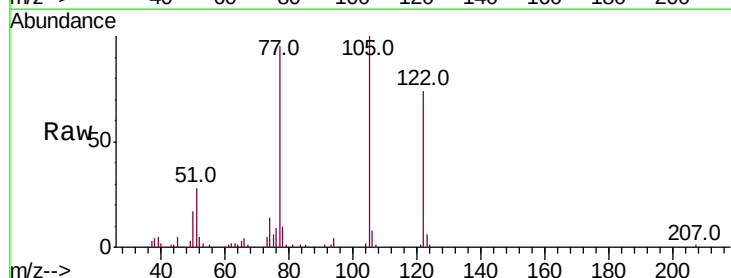
Instrument :  
BNA\_M  
ClientSampled :

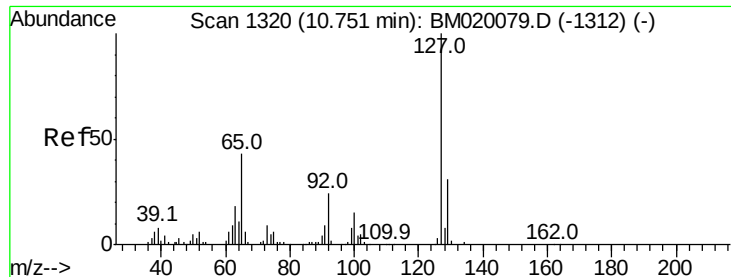
Tot Ion:128 Resp: 1106067  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.4  
127 13.3 10.4 15.6



#32  
Benzoic acid  
Concen: 47.109 ng  
RT: 9.90 min Scan# 1176  
Delta R.T. 0.04 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Tgt Ion:122 Resp: 211589  
Ion Ratio Lower Upper  
122 100  
105 135.8 122.5 162.5  
77 129.6 123.3 163.3

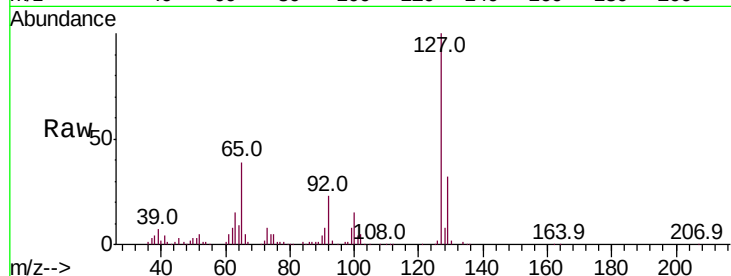




#33  
4-Chloroaniline  
Concen: 45.271 ng  
RT: 10.75 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 463822 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 24.7  | 37.1   |
| 65       | 39.3  | 34.6  | 52.0   |
| 92       | 23.2  | 19.5  | 29.3   |



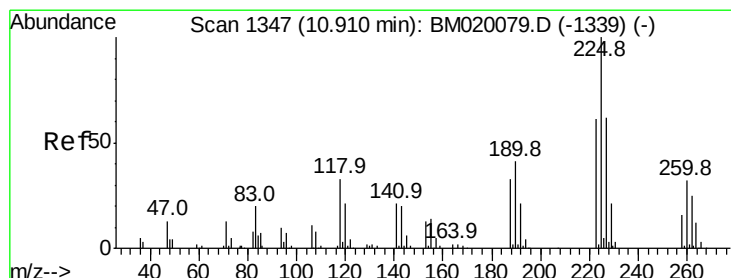
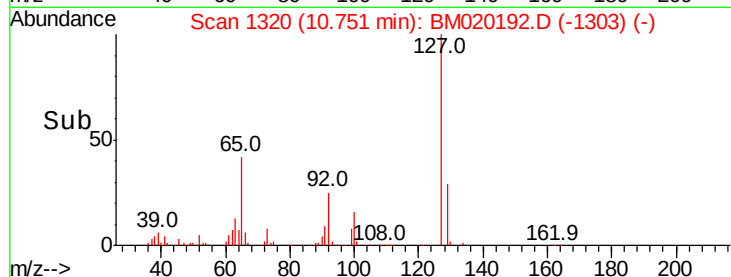
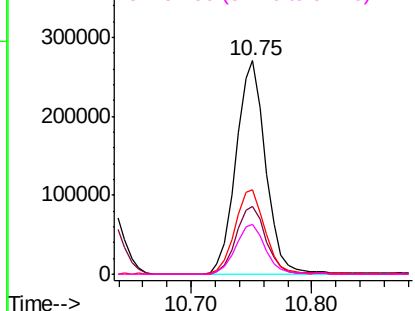
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

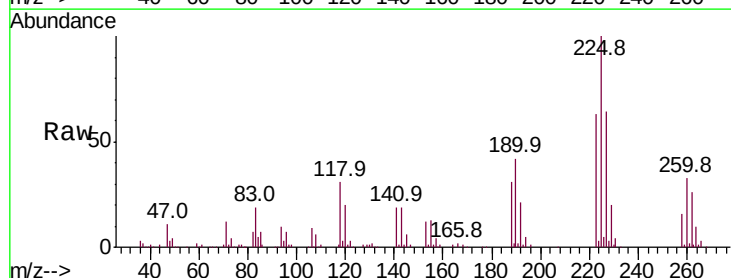
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34  
Hexachlorobutadiene  
Concen: 43.871 ng  
RT: 10.90 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 304886 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 48.9  | 73.3   |
| 227      | 64.2  | 49.6  | 74.4   |

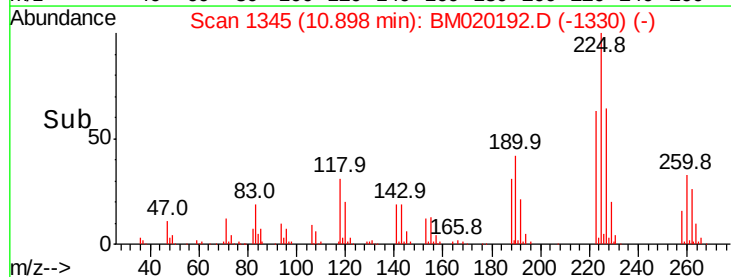
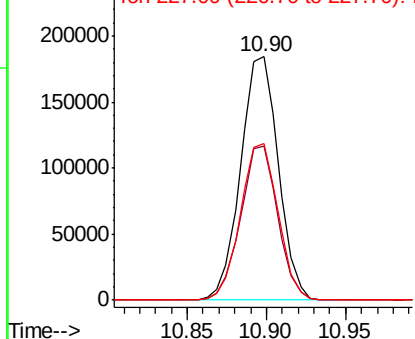


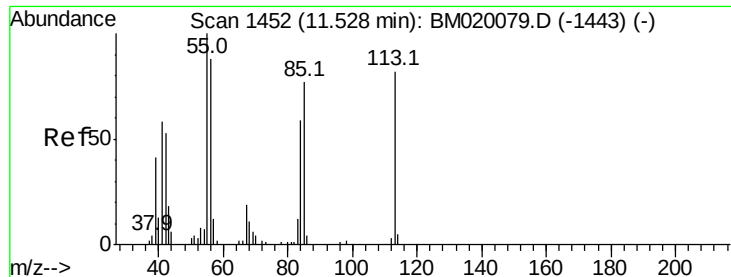
Abundance

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

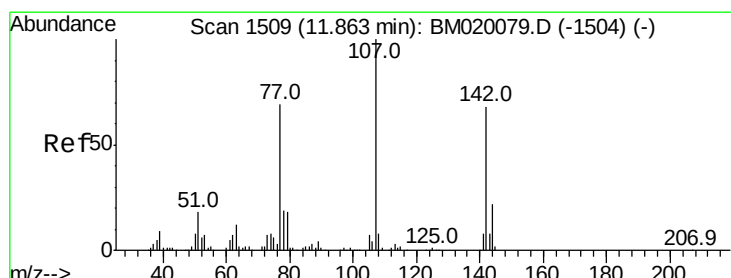
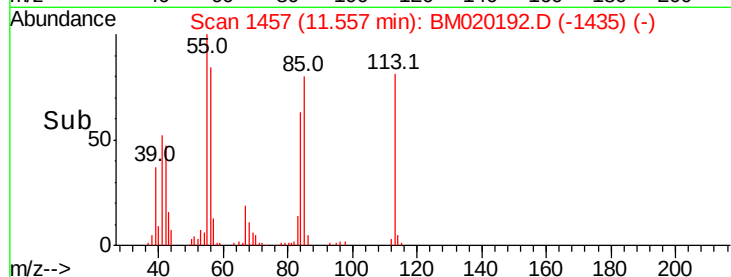
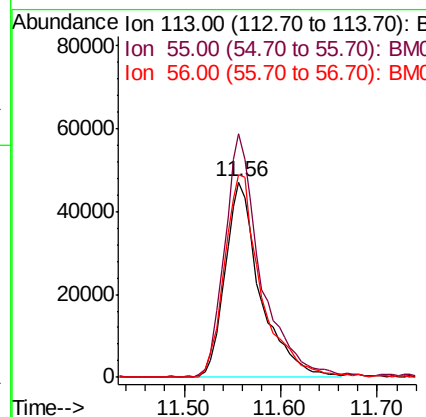
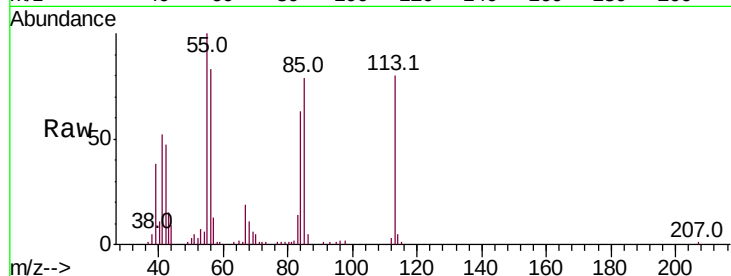




#35  
 Caprolactam  
 Concen: 50.182 ng/ml  
 RT: 11.56 min Scan# 1457  
 Delta R.T. 0.03 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

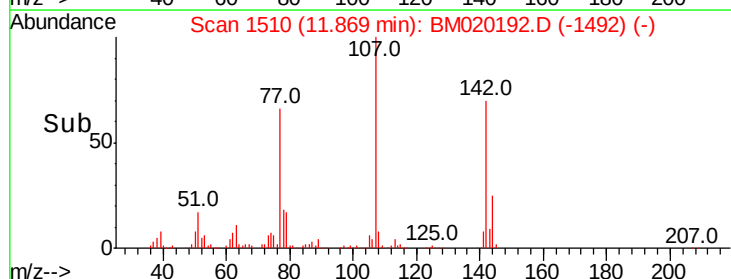
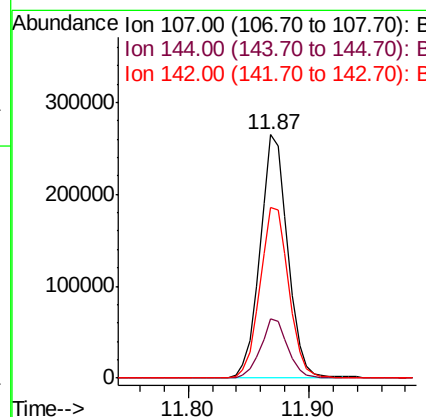
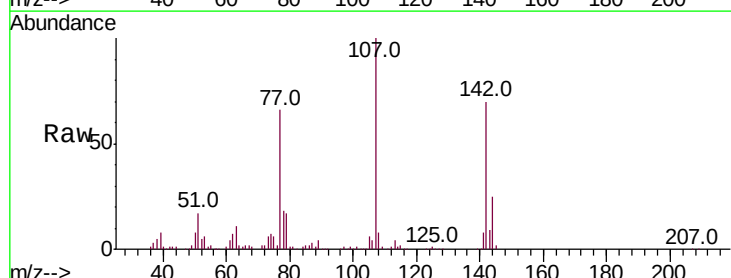
Instrument :  
 BNA\_M  
 ClientSampleId :

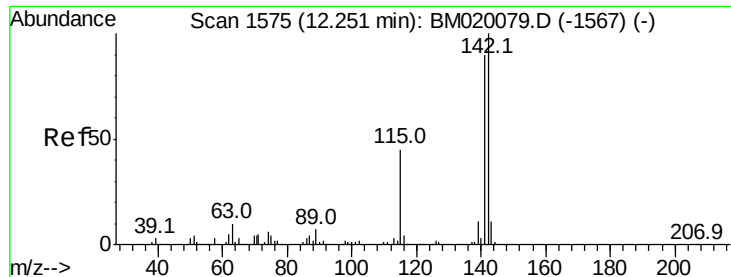
Tot Ion:113 Resp: 119803  
 Ion Ratio Lower Upper  
 113 100  
 55 124.6 102.5 142.5  
 56 103.8 87.7 127.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.008 ng  
 RT: 11.87 min Scan# 1510  
 Delta R.T. 0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Tgt Ion:107 Resp: 422289  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 17.6 26.4  
 142 69.8 54.6 82.0

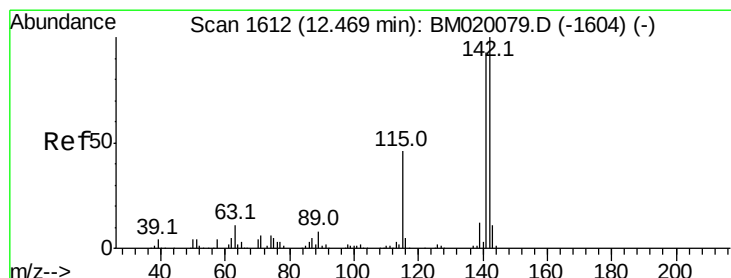
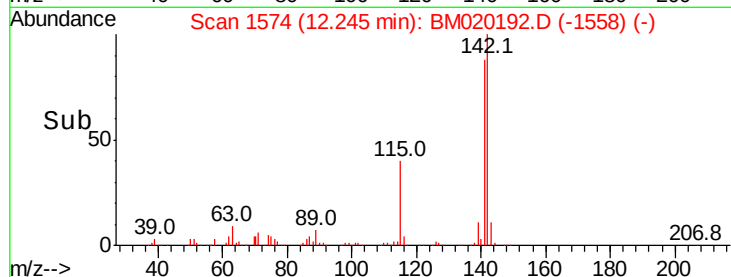
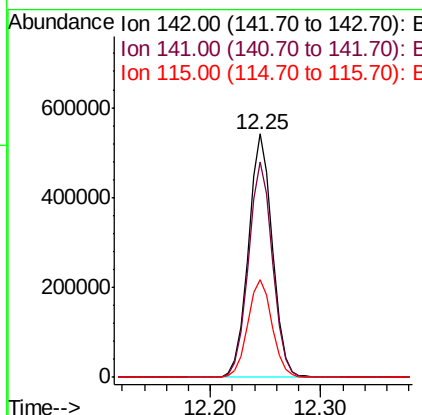
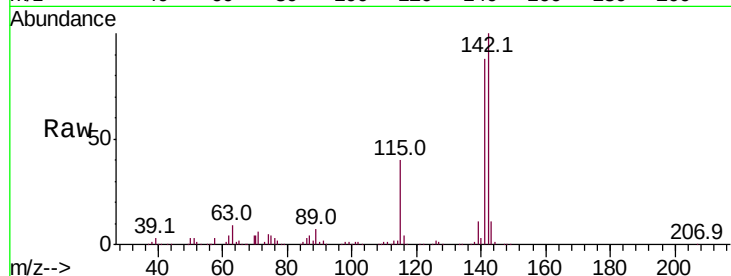




#37  
2-Methylnaphthalene  
Concen: 45.442 ng  
RT: 12.25 min Scan# 1574  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

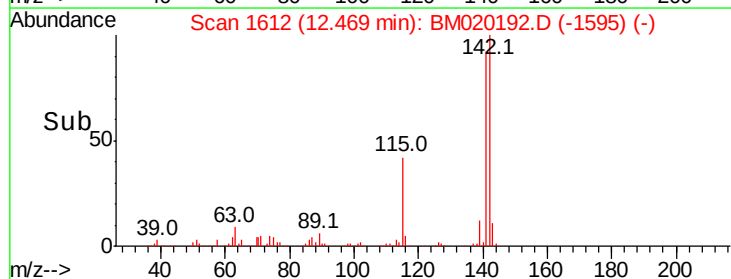
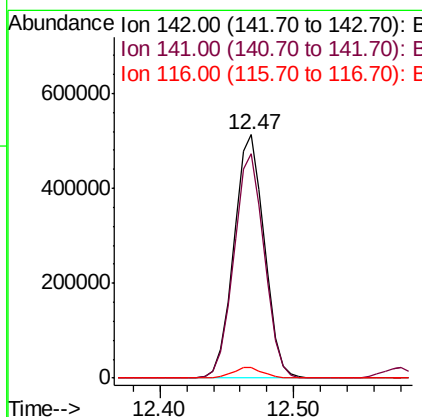
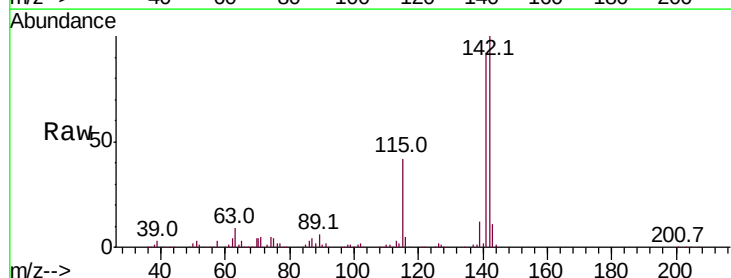
Instrument :  
BNA\_M  
ClientSampled :

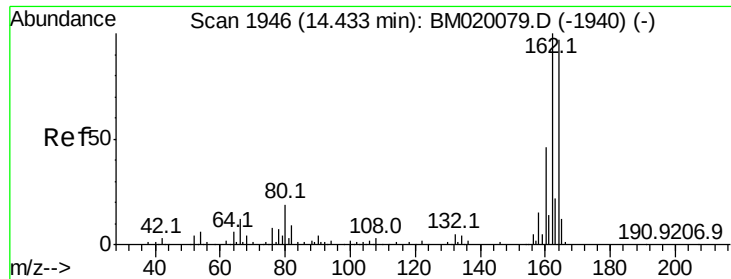
Tot Ion:142 Resp: 824658  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.6 107.4  
115 40.1 35.8 53.6



#38  
1-Methylnaphthalene  
Concen: 45.648 ng  
RT: 12.47 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Tgt Ion:142 Resp: 810066  
Ion Ratio Lower Upper  
142 100  
141 92.0 74.8 112.2  
116 4.5 3.9 5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampled :

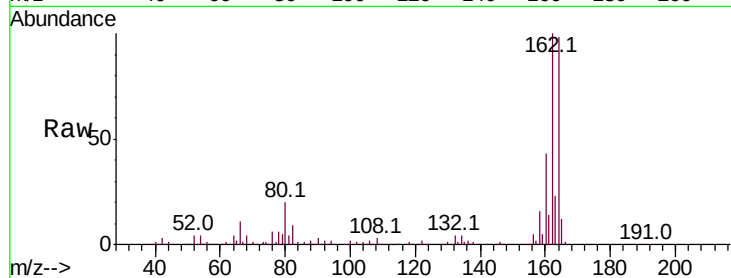
Tot Ion:164 Resp: 302011

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

160 44.0 37.6 56.4

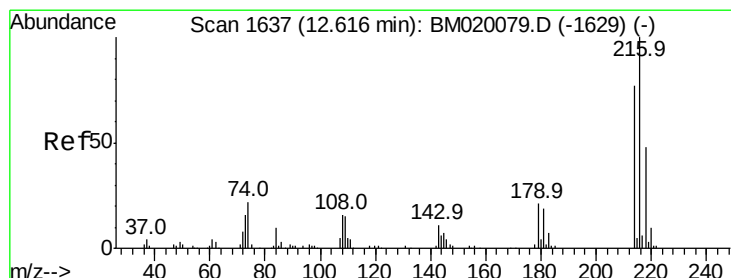
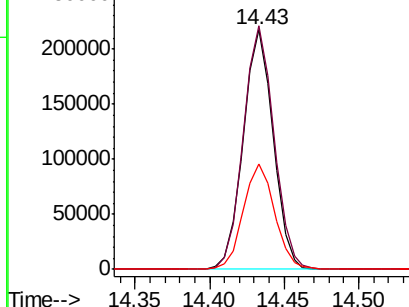
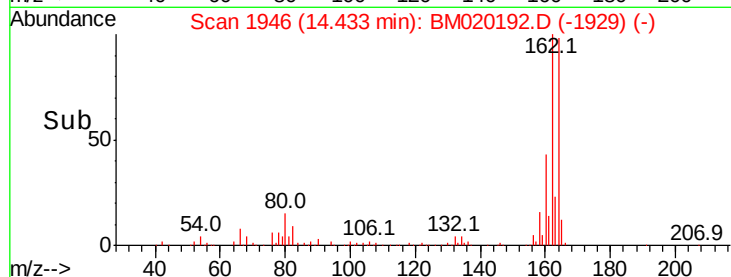


Abundance

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: 45.303 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion:216 Resp: 535291

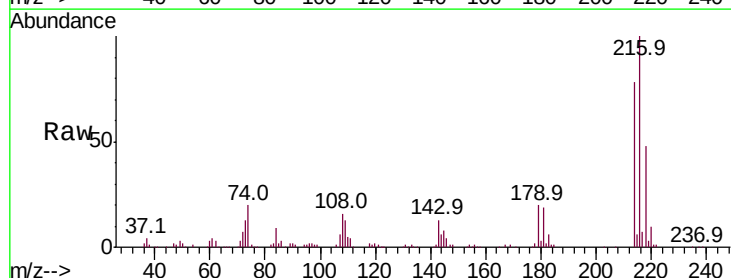
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 20.0 17.1 25.7

108 17.3 15.8 23.6



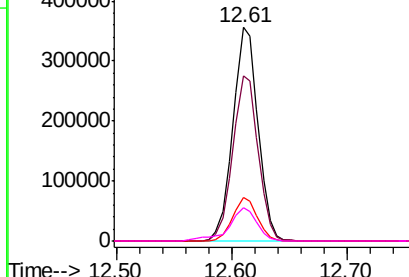
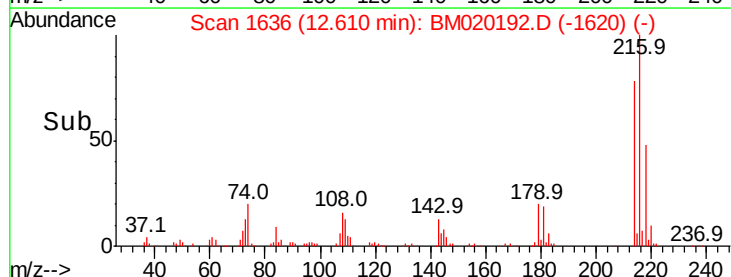
Abundance

Ion 216.00 (215.70 to 216.70): E

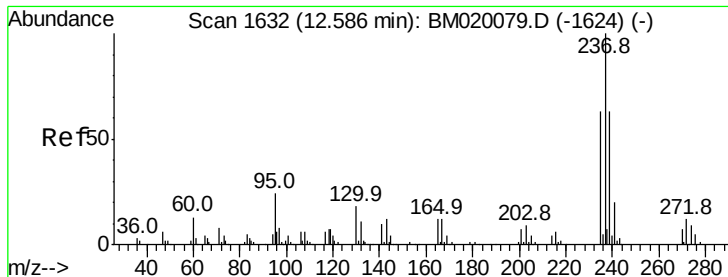
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 43.649 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

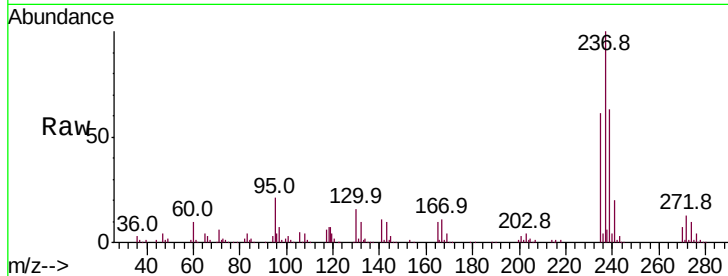
Tot Ion:237 Resp: 303672

Ion Ratio Lower Upper

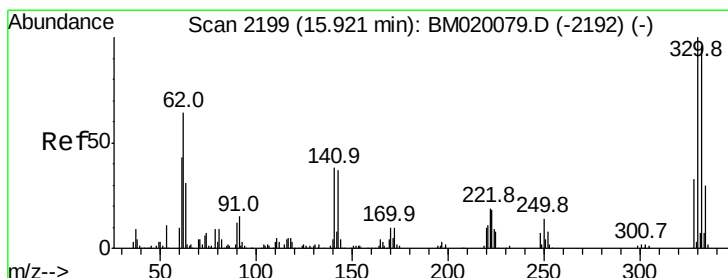
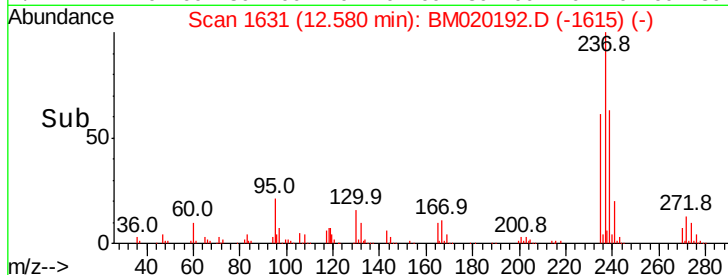
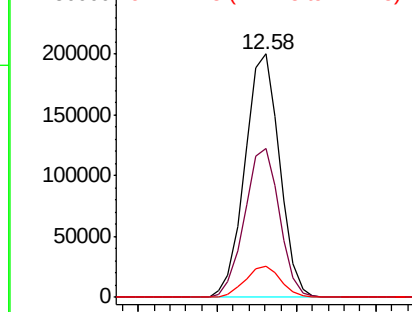
237 100

235 60.9 43.4 83.4

272 12.8 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: 96.399 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

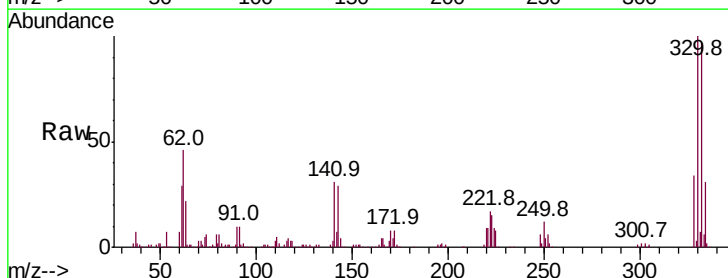
Tgt Ion:330 Resp: 451896

Ion Ratio Lower Upper

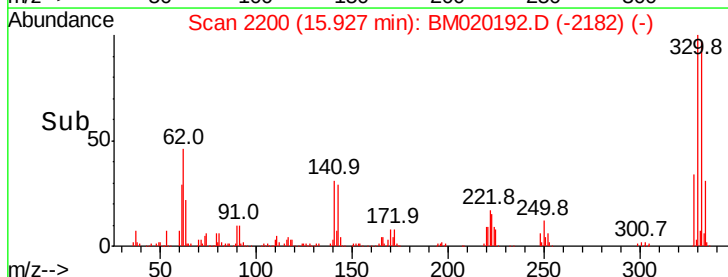
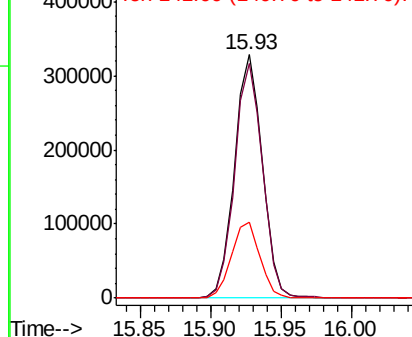
330 100

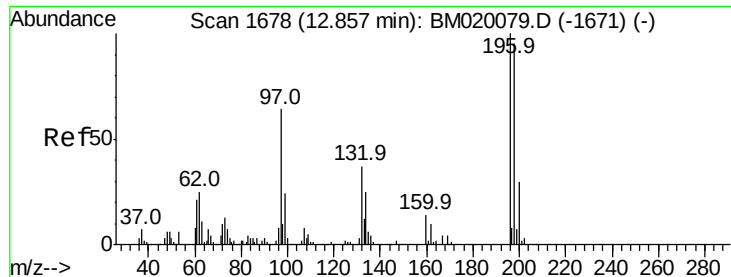
332 96.6 76.8 115.2

141 32.2 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

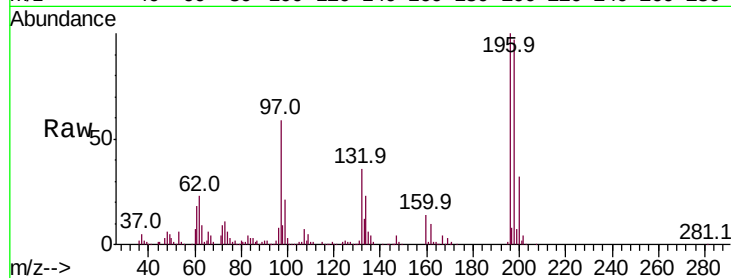




#43  
2,4,6-Trichlorophenol  
Concen: 49.439 ng  
RT: 12.86 min Scan# 1678  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.3  | 76.2  | 114.2 |
| 200     | 31.6  | 24.3  | 36.5  |

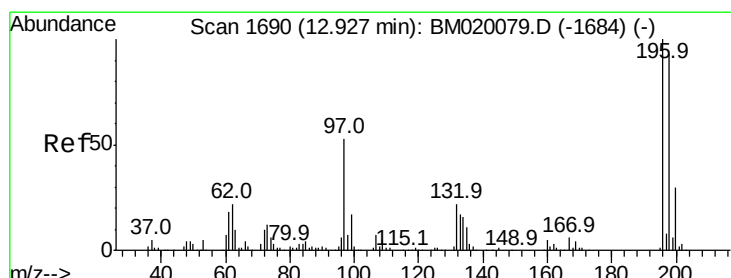
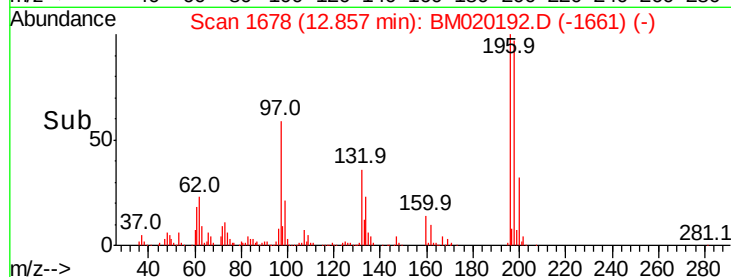
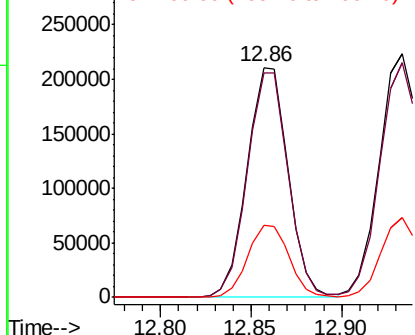


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
2,4,5-Trichlorophenol  
Concen: 46.511 ng  
RT: 12.93 min Scan# 1691  
Delta R.T. 0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.4  | 74.7  | 112.1 |
| 97      | 50.9  | 42.2  | 63.4  |
| 132     | 23.5  | 17.8  | 26.8  |

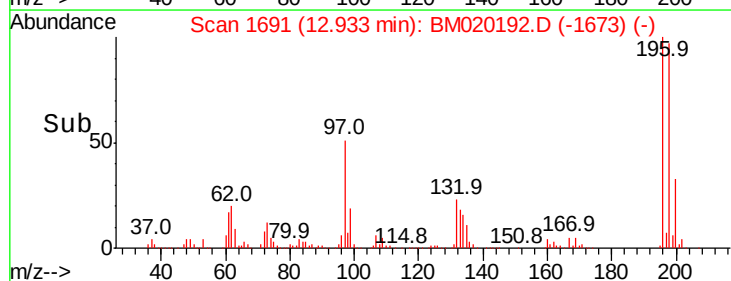
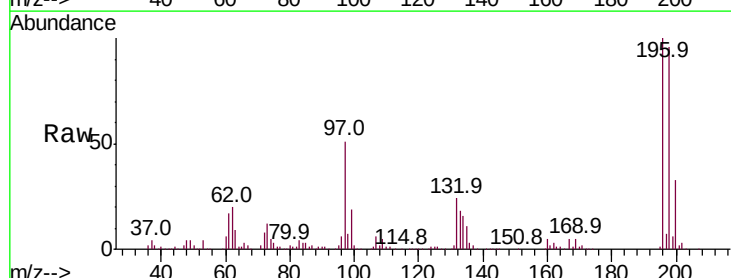
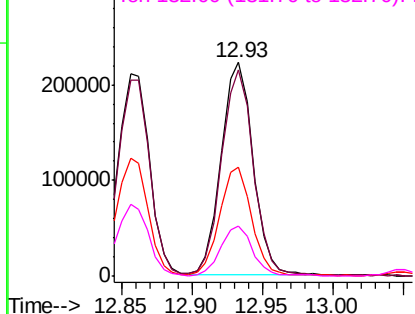
Abundance

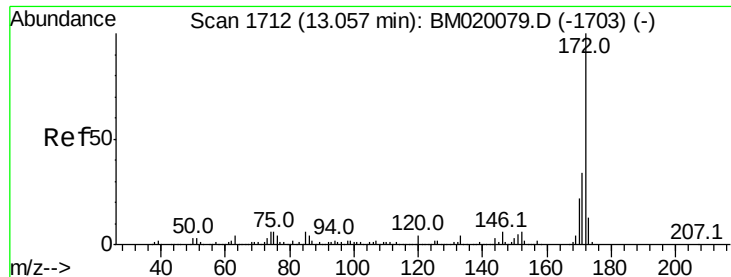
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

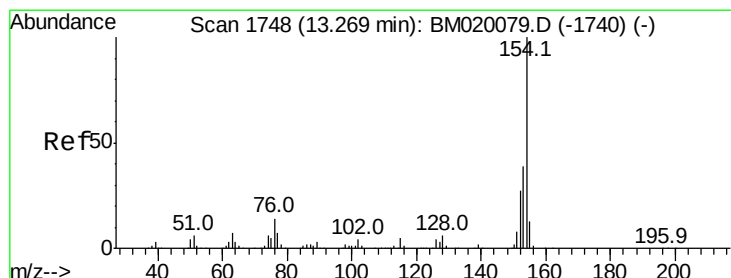
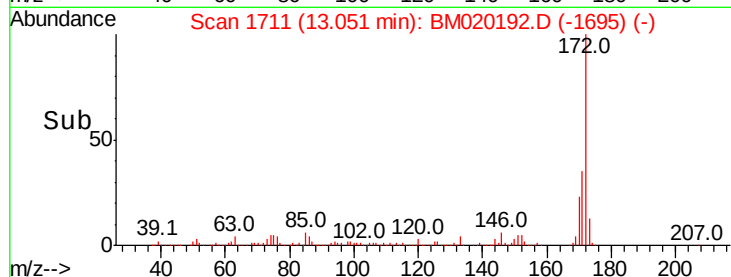
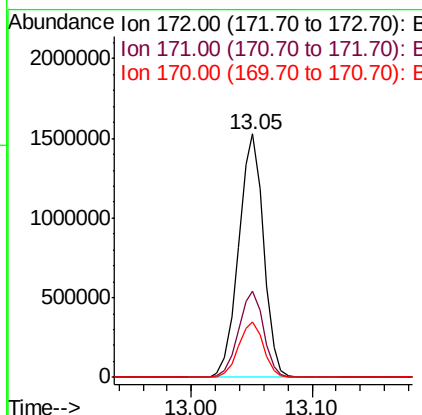
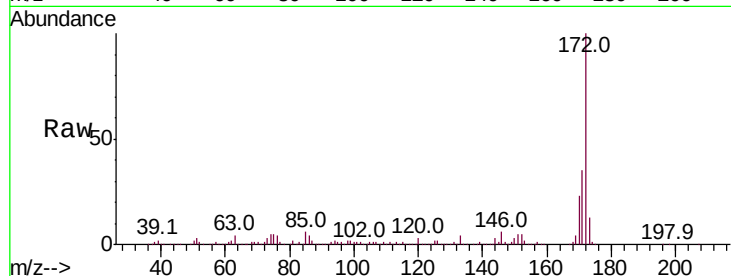




#45  
2-Fluorobiphenyl  
Concen: 89.416 ng  
RT: 13.05 min Scan# 1711  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

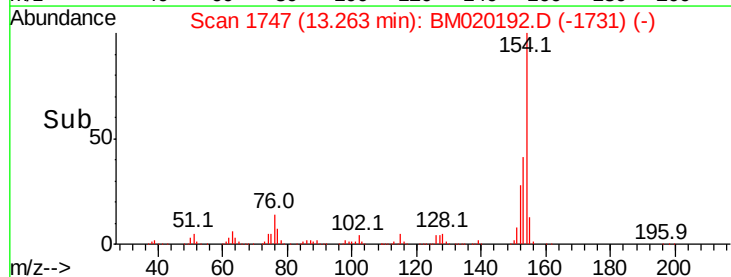
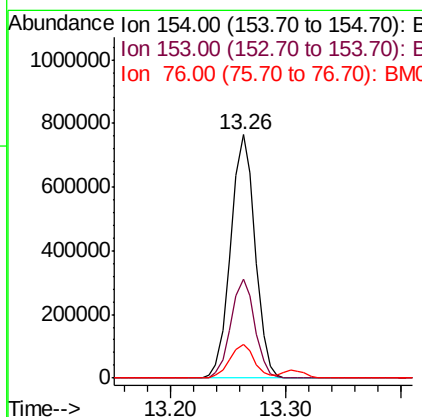
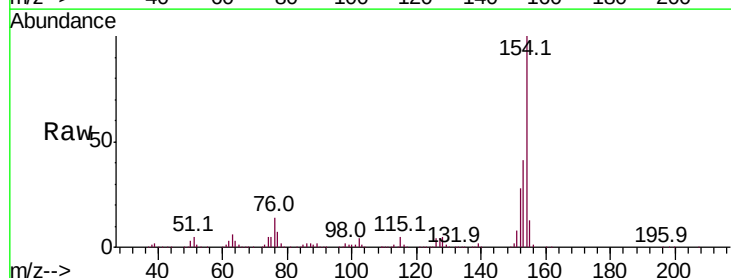
Instrument :  
BNA\_M  
ClientSampleId :

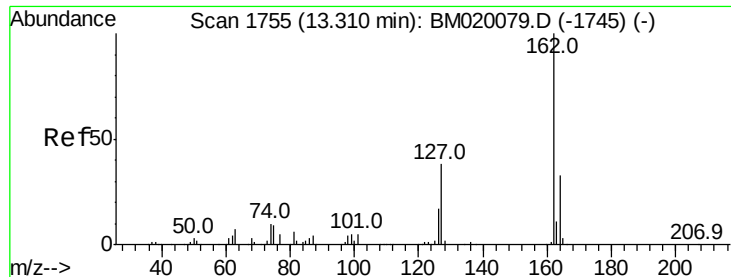
Tot Ion:172 Resp: 2194851  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.3 40.9  
170 22.7 17.9 26.9



#46  
1,1'-Biphenyl  
Concen: 44.862 ng  
RT: 13.26 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Tgt Ion:154 Resp: 1115200  
Ion Ratio Lower Upper  
154 100  
153 40.7 19.4 59.4  
76 14.1 0.0 34.5

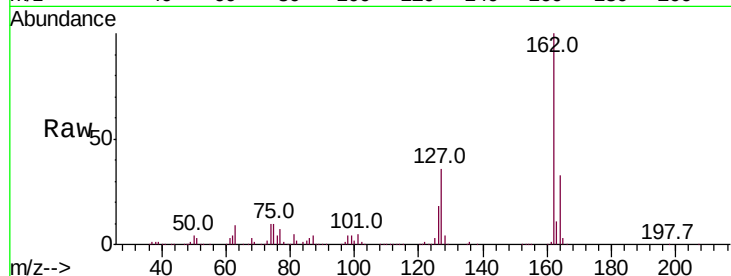




#47  
2-Chloronaphthalene  
Concen: 44.957 ng  
RT: 13.31 min Scan# 1755  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.0  | 31.0  | 46.4  |
| 164     | 33.0  | 26.2  | 39.2  |

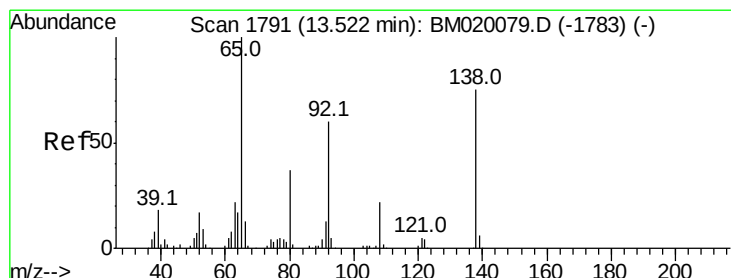
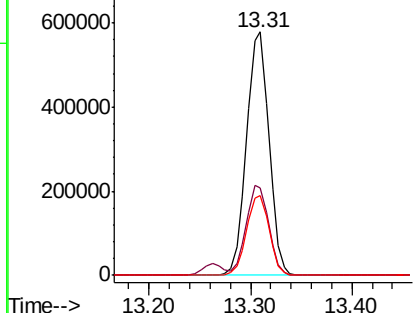
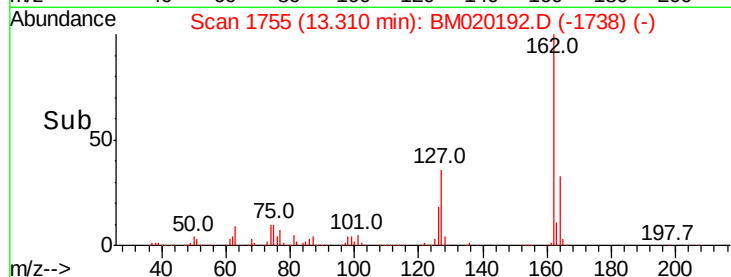


Abundance

Ion 162.00 (161.70 to 162.70): E

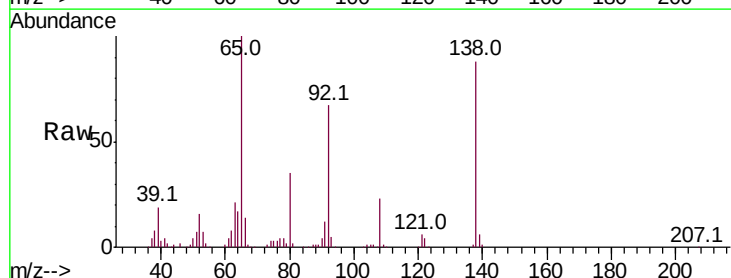
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 44.668 ng  
RT: 13.52 min Scan# 1791  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.4  | 48.2  | 72.4  |
| 138     | 87.6  | 60.3  | 90.5  |

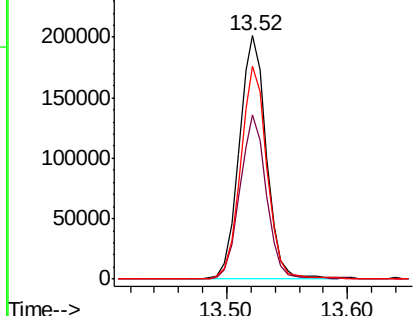
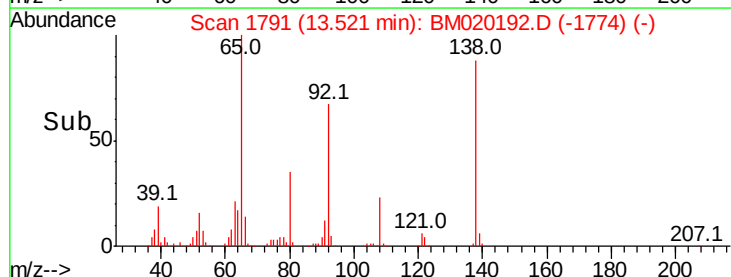


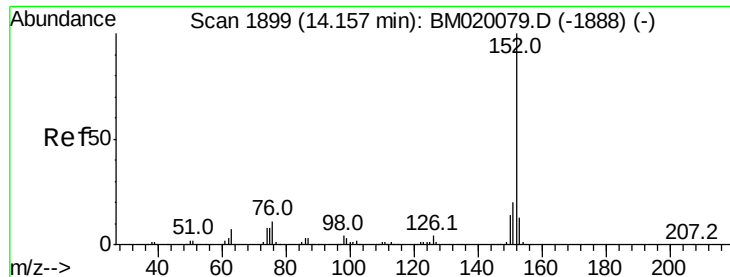
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.924 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

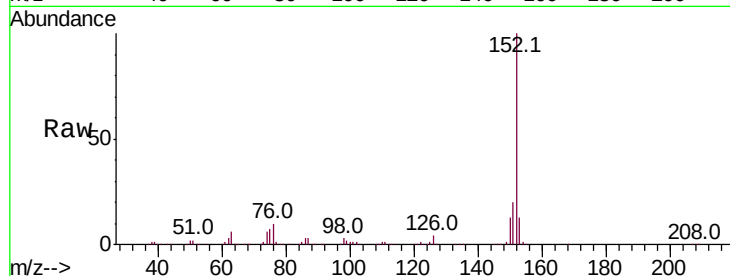
Tot Ion:152 Resp: 1426942

Ion Ratio Lower Upper

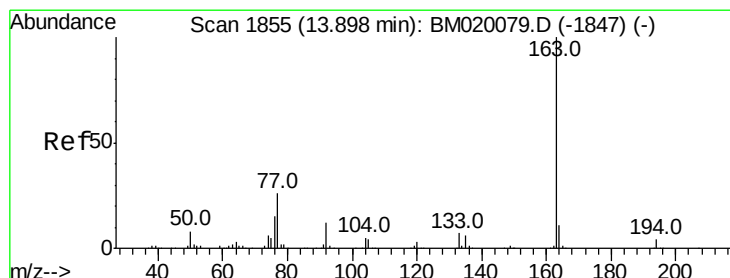
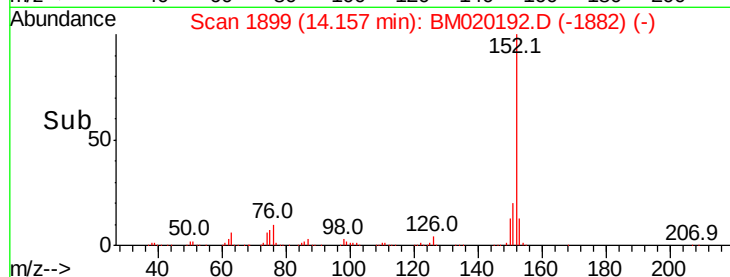
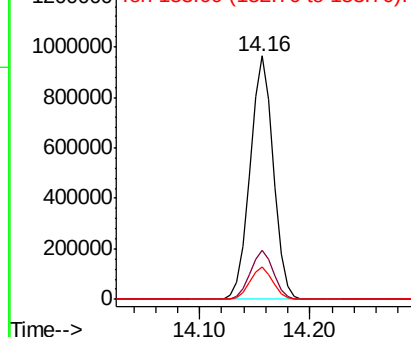
152 100

151 20.1 16.2 24.2

153 13.2 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: 44.303 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

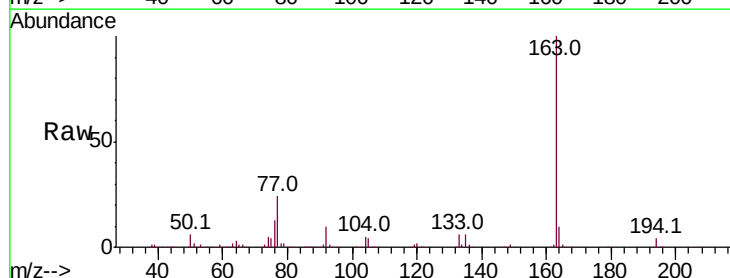
Tgt Ion:163 Resp: 1137186

Ion Ratio Lower Upper

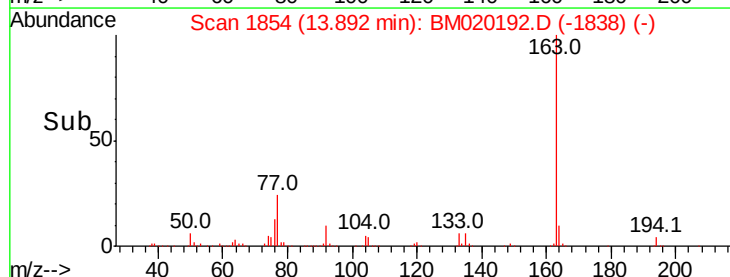
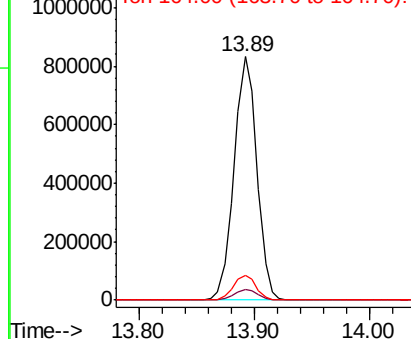
163 100

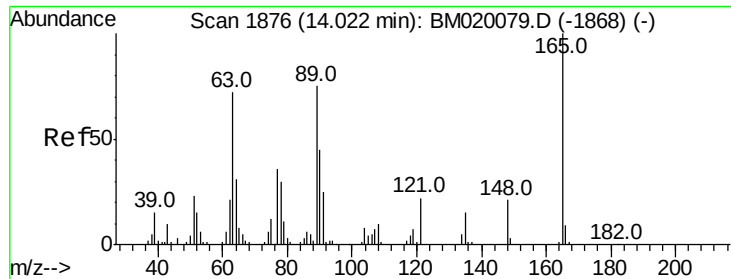
194 4.4 3.6 5.4

164 10.2 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

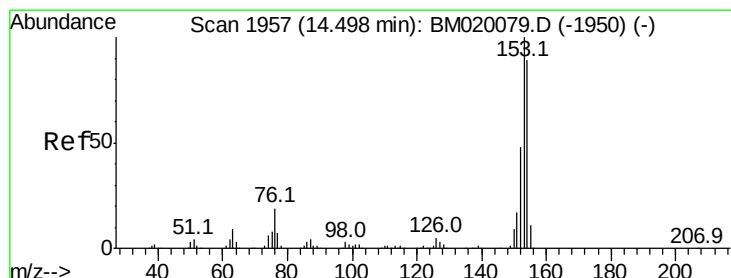
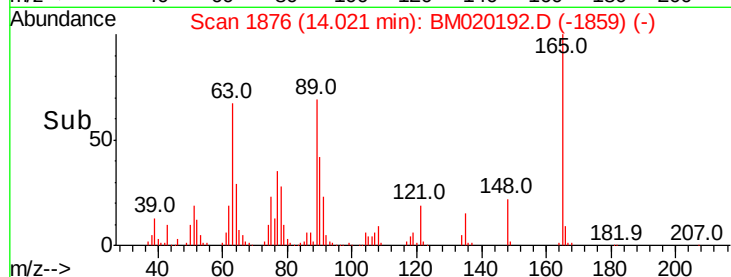
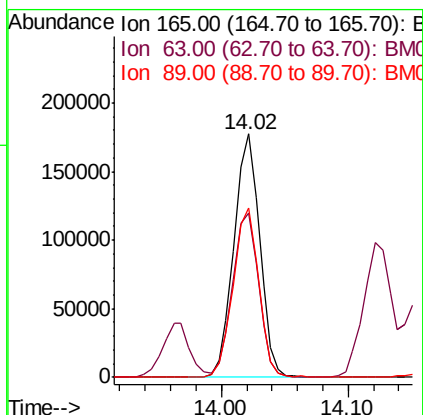
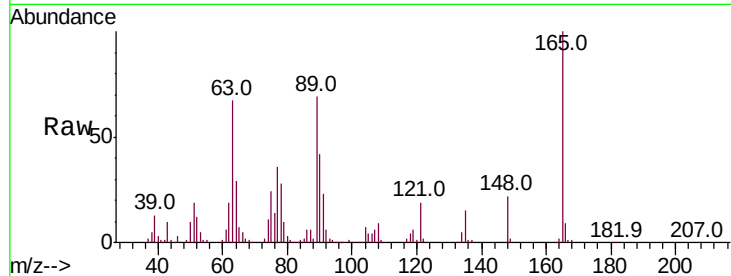




#51  
 2,6-Dinitrotoluene  
 Concen: 46.189 ng  
 RT: 14.02 min Scan# 1876  
 Delta R.T. -0.00 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

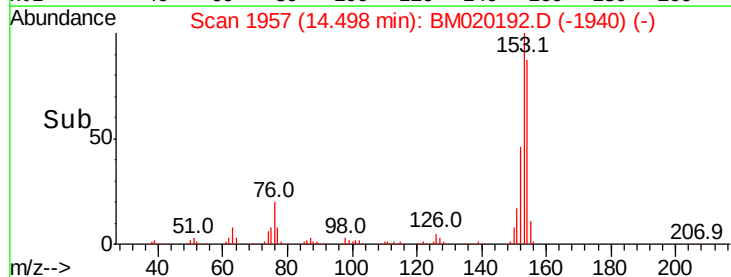
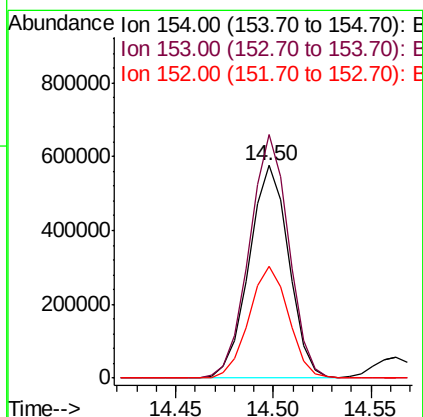
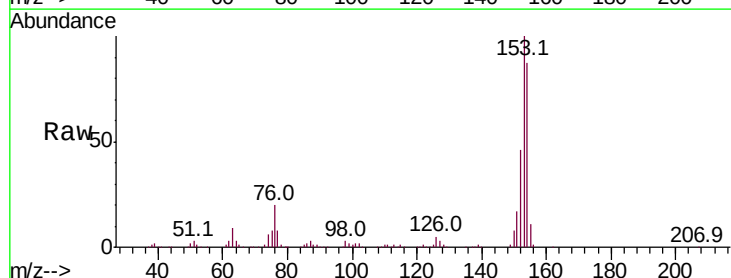
Instrument :  
 BNA\_M  
 ClientSampled :

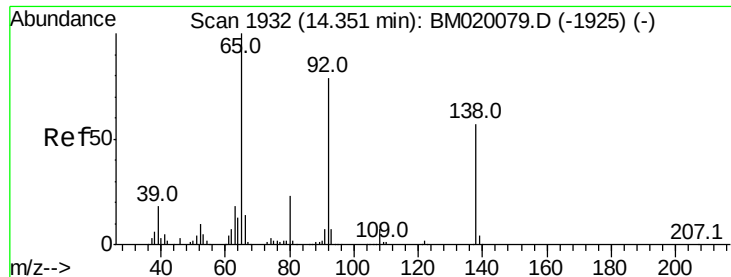
Tot Ion:165 Resp: 249712  
 Ion Ratio Lower Upper  
 165 100  
 63 67.2 60.3 90.5  
 89 69.3 59.8 89.6



#52  
 Acenaphthene  
 Concen: 44.794 ng  
 RT: 14.50 min Scan# 1957  
 Delta R.T. -0.00 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Tgt Ion:154 Resp: 815923  
 Ion Ratio Lower Upper  
 154 100  
 153 114.6 90.2 135.2  
 152 52.8 43.0 64.4

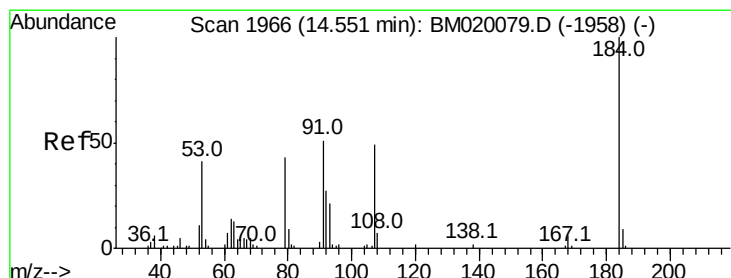
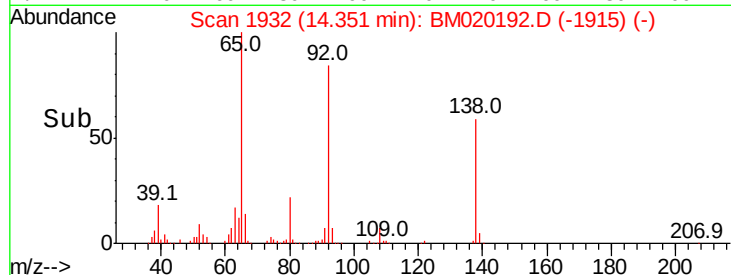
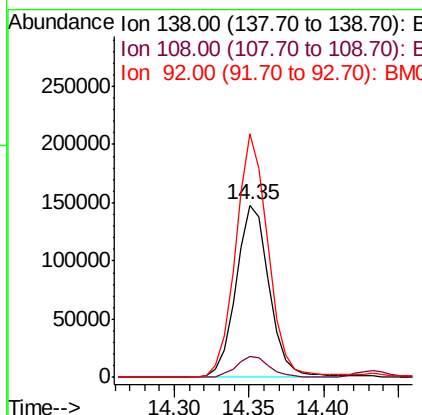
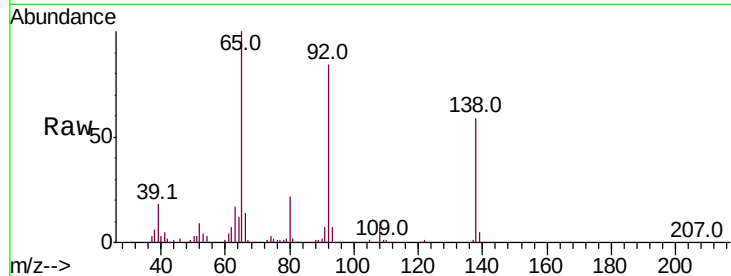




#53  
3-Nitroaniline  
Concen: 45.627 ng  
RT: 14.35 min Scan# 1932  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

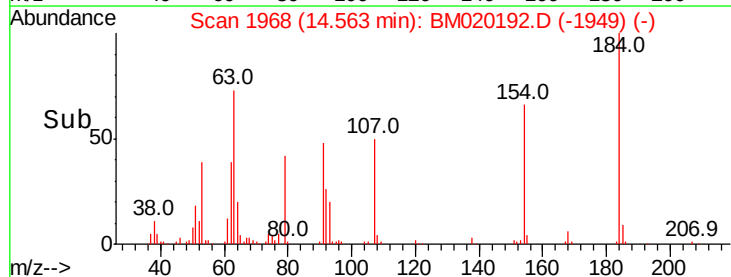
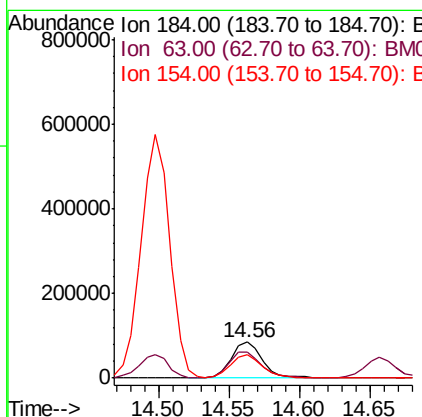
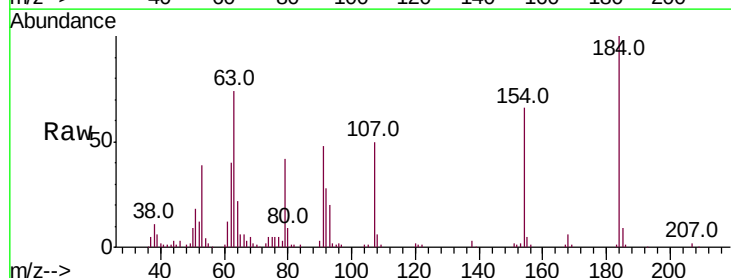
Instrument :  
BNA\_M  
ClientSampleId :

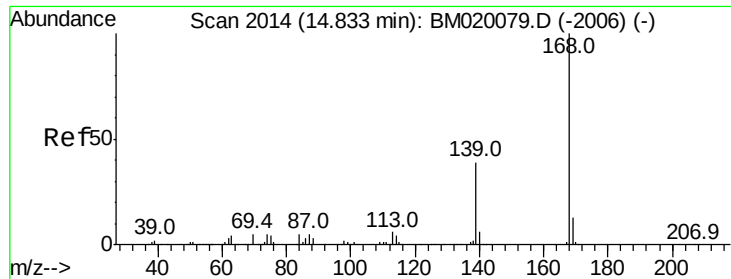
Tot Ion:138 Resp: 228946  
Ion Ratio Lower Upper  
138 100  
108 12.1 10.4 15.6  
92 141.1 111.3 166.9



#54  
2,4-Dinitrophenol  
Concen: 51.726 ng  
RT: 14.56 min Scan# 1968  
Delta R.T. 0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Tgt Ion:184 Resp: 131007  
Ion Ratio Lower Upper  
184 100  
63 73.7 68.9 103.3  
154 65.7 54.4 81.6

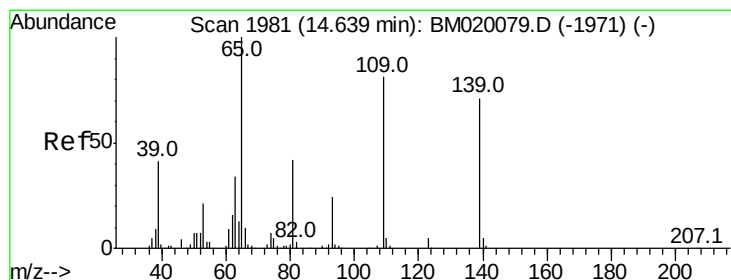
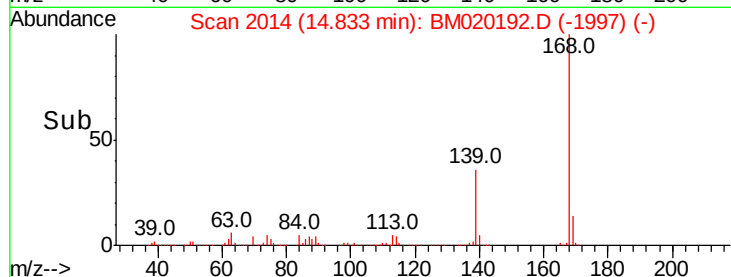
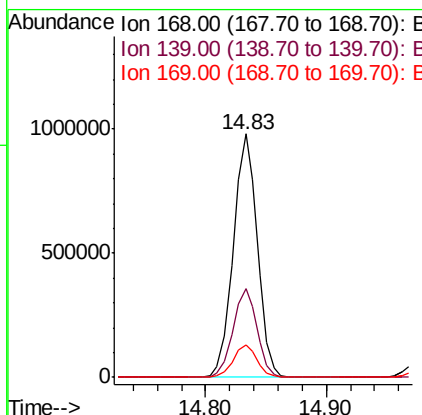
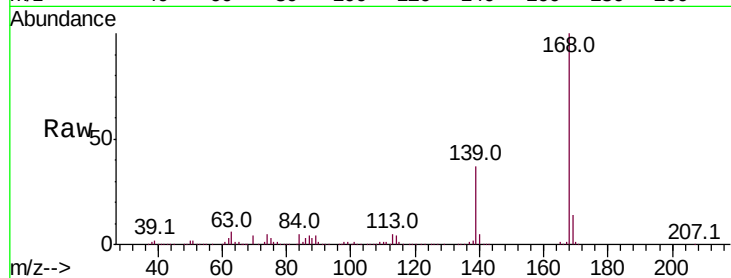




#55  
Dibenzofuran  
Concen: 44.216 ng  
RT: 14.83 min Scan# 2014  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

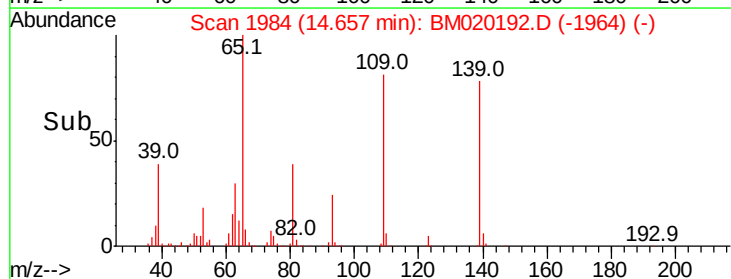
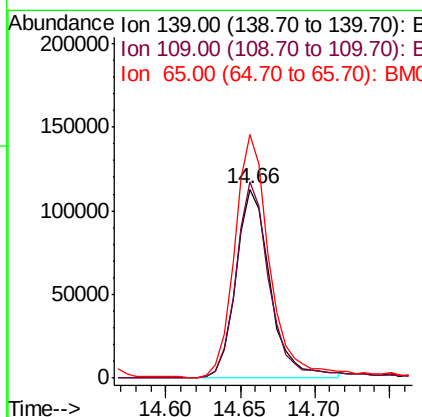
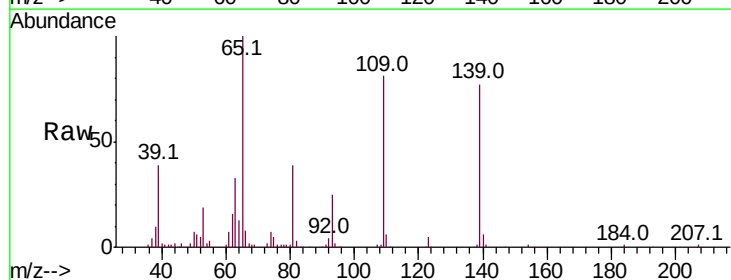
Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:168 Resp: 1358532  
Ion Ratio Lower Upper  
168 100  
139 36.7 31.1 46.7  
169 13.5 10.6 16.0

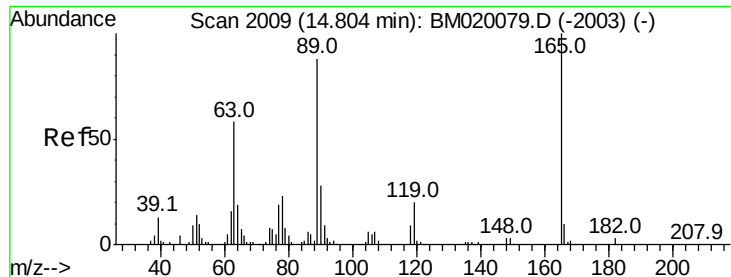


#56  
4-Nitrophenol  
Concen: 42.236 ng  
RT: 14.66 min Scan# 1984  
Delta R.T. 0.02 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Tgt Ion:139 Resp: 180819  
Ion Ratio Lower Upper  
139 100  
109 104.2 94.1 134.1  
65 129.1 120.9 160.9



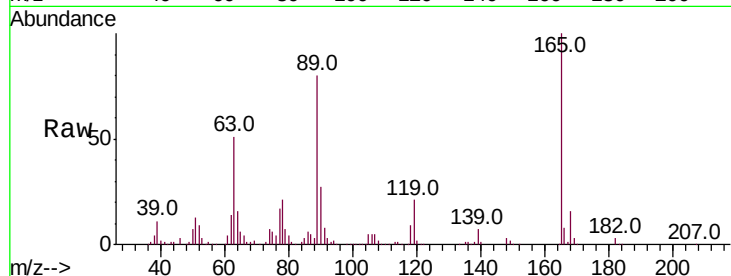




#57  
 2,4-Dinitrotoluene  
 Concen: 47.298 ng  
 RT: 14.81 min Scan# 2010  
 Delta R.T. 0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 51.4  | 46.2  | 69.2  |
| 89      | 79.8  | 70.6  | 105.8 |
| 182     | 3.1   | 2.2   | 3.2   |



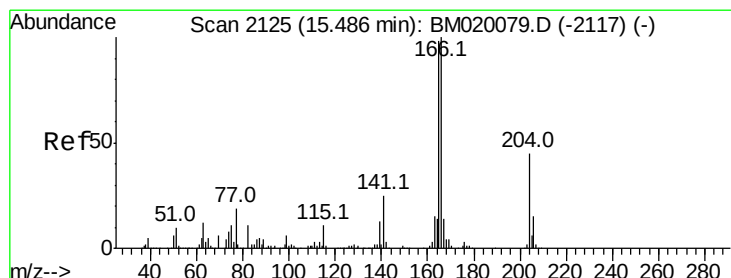
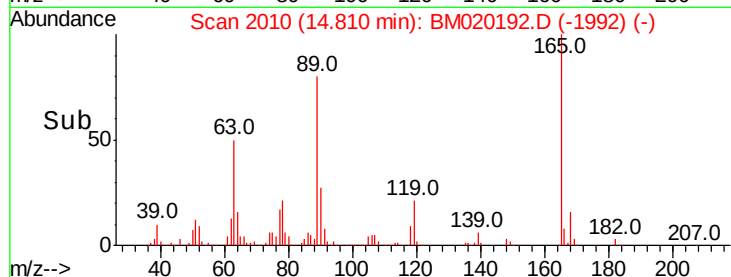
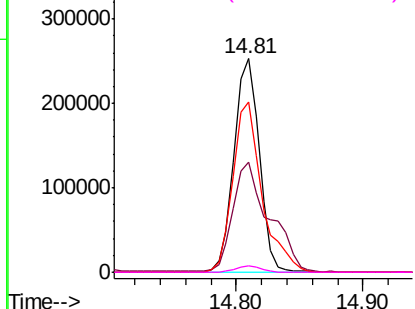
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

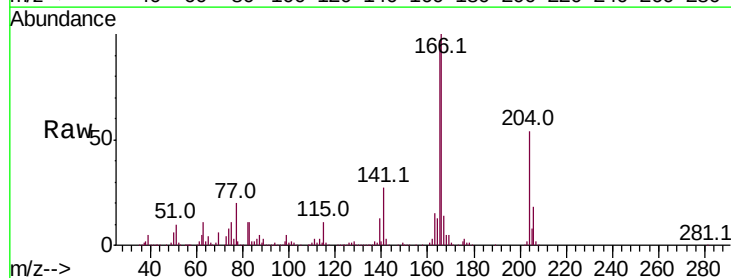
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 43.827 ng  
 RT: 15.48 min Scan# 2124  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.4  | 78.2  | 117.2 |
| 167     | 13.6  | 11.0  | 16.4  |

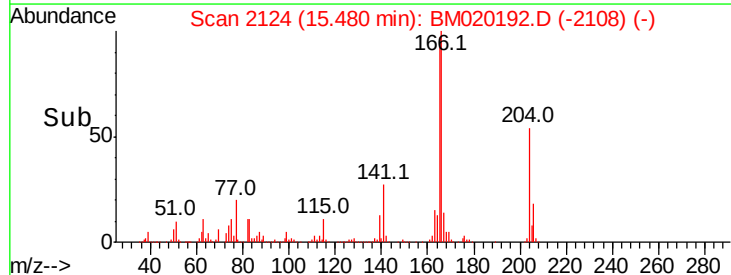
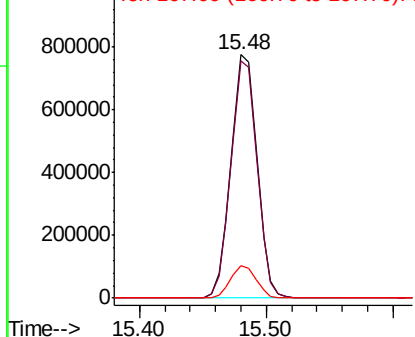


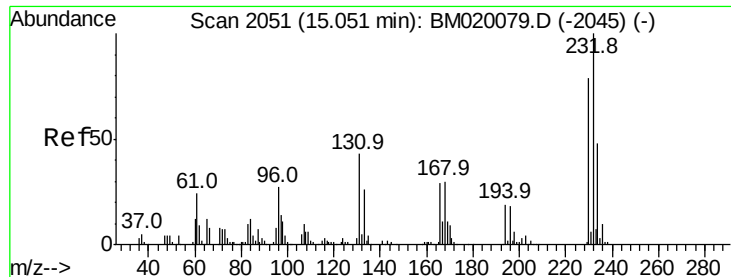
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

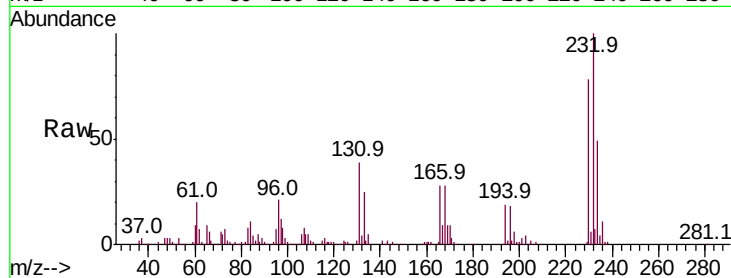




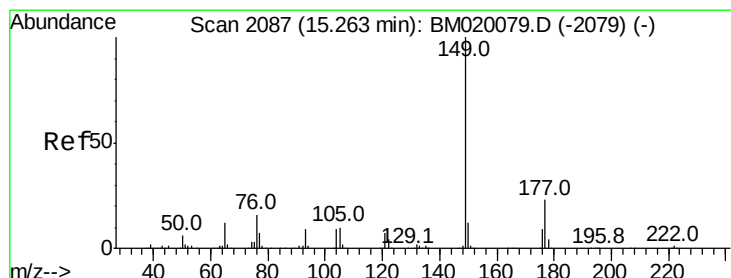
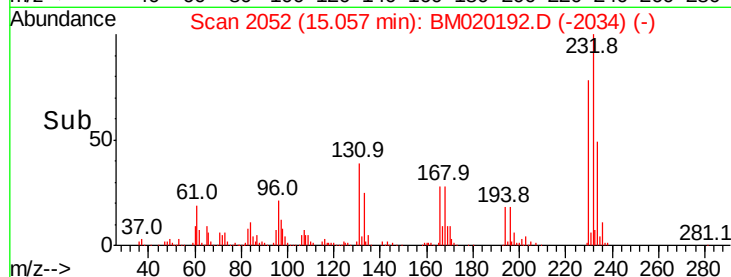
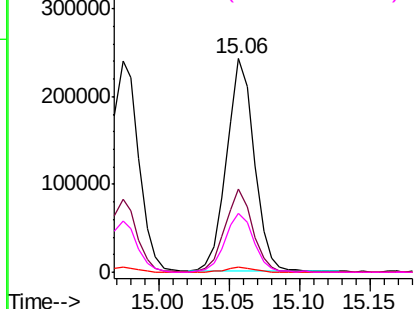
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.323 ng  
 RT: 15.06 min Scan# 2052  
 Delta R.T. 0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 330241 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 38.3  | 34.2  | 51.4   |
| 130      | 2.1   | 2.0   | 3.0    |
| 166      | 28.8  | 23.8  | 35.8   |

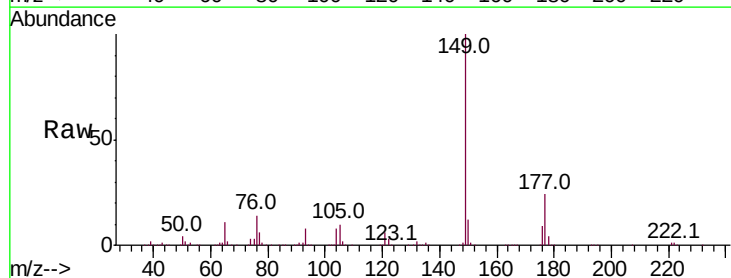


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

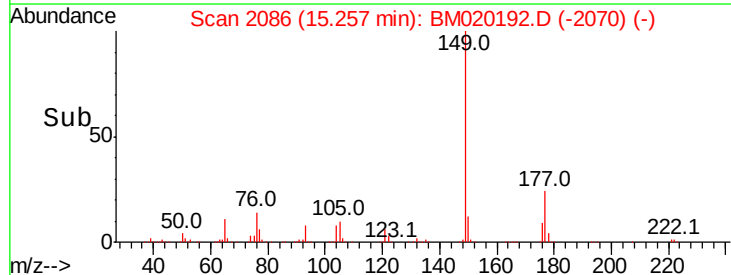
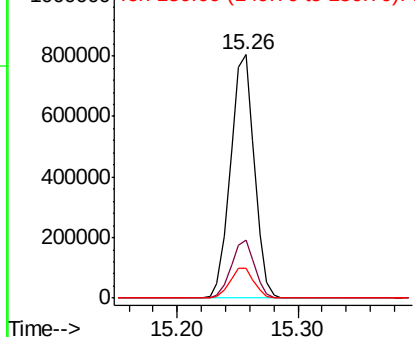


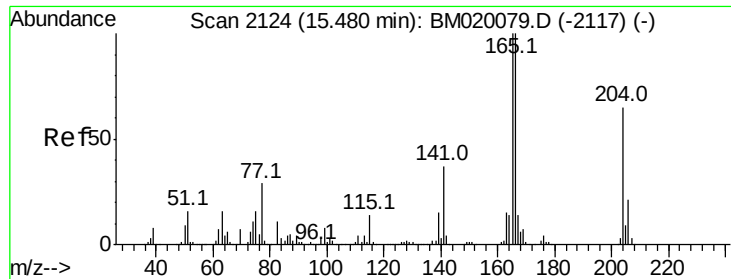
#60  
 Diethylphthalate  
 Concen: 42.725 ng  
 RT: 15.26 min Scan# 2086  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1104896 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 23.8  | 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

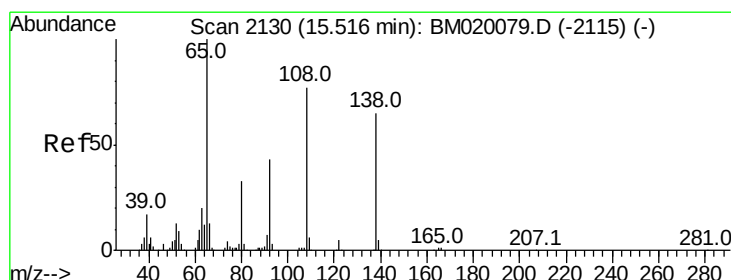
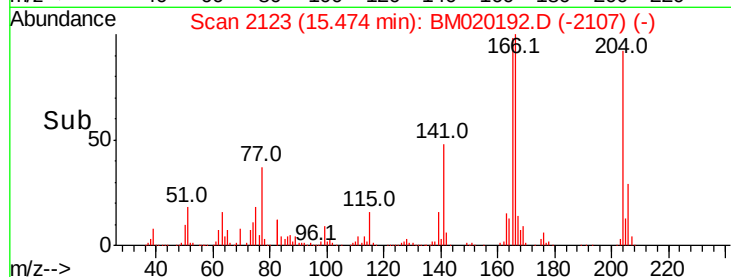
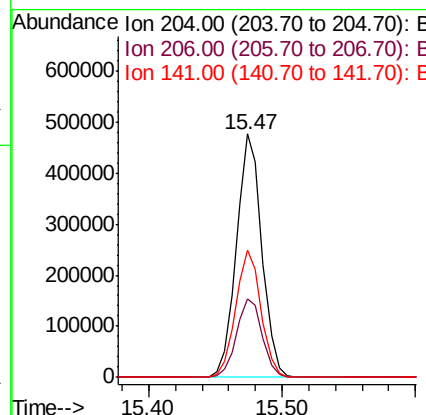
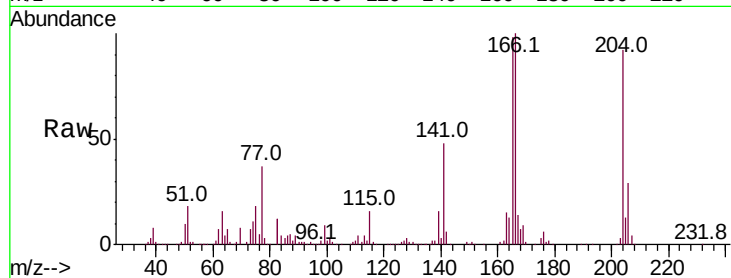




#61  
 4-Chlorophenyl-phenylether  
 Concen: 44.162 ng  
 RT: 15.47 min Scan# 2123  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

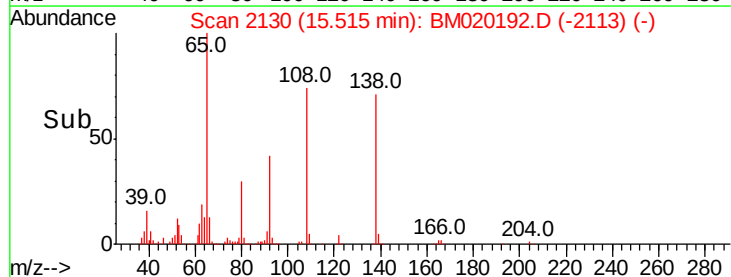
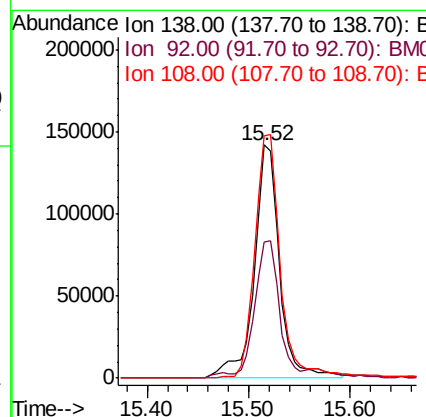
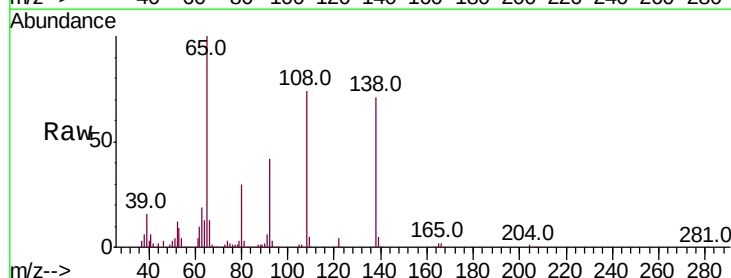
Instrument :  
 BNA\_M  
 ClientSampleId :

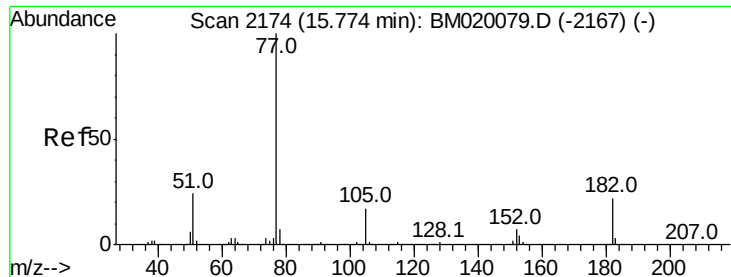
Tot Ion:204 Resp: 631396  
 Ion Ratio Lower Upper  
 204 100  
 206 32.1 25.6 38.4  
 141 52.0 46.1 69.1



#62  
 4-Nitroaniline  
 Concen: 44.513 ng  
 RT: 15.52 min Scan# 2130  
 Delta R.T. -0.00 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Tgt Ion:138 Resp: 246491  
 Ion Ratio Lower Upper  
 138 100  
 92 58.7 45.9 85.9  
 108 104.0 97.7 137.7





#63

Azobenzene

Concen: 40.418 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampled :

Tot Ion: 77 Resp: 1233093

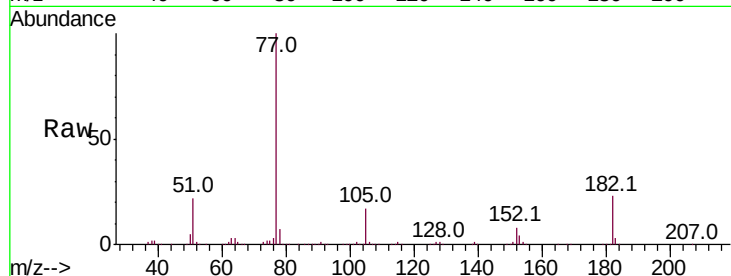
Ion Ratio Lower Upper

77 100

182 23.3 2.1 42.1

105 17.0 0.0 36.8

51 22.1 3.8 43.8

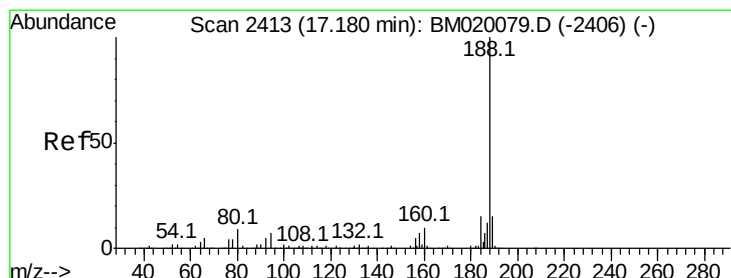
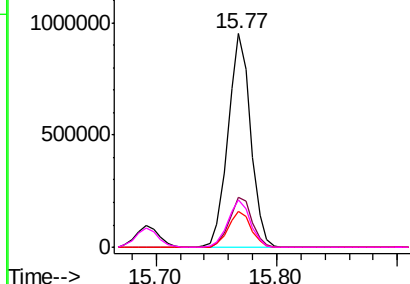
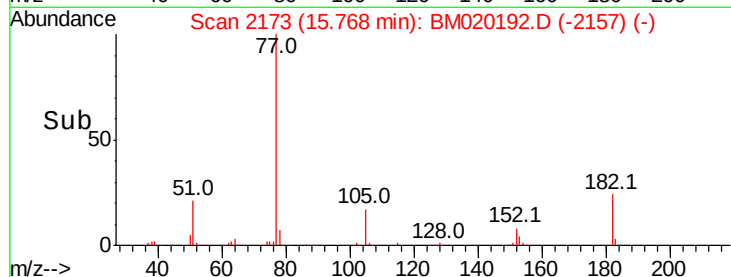


Abundance Ion 77.00 (76.70 to 77.70): BM020192.D (-2157) (-)

Ion 182.00 (181.70 to 182.70): BM020192.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): BM020192.D (-2157) (-)

Ion 51.00 (50.70 to 51.70): BM020192.D (-2157) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

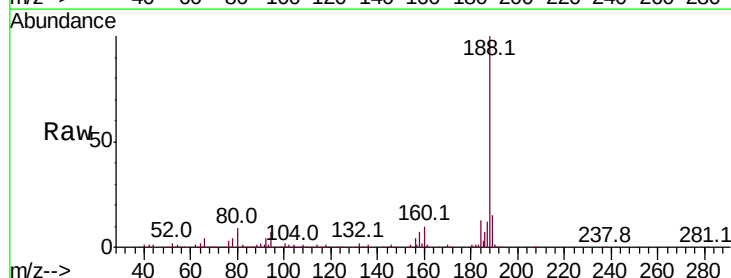
Tgt Ion: 188 Resp: 711494

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

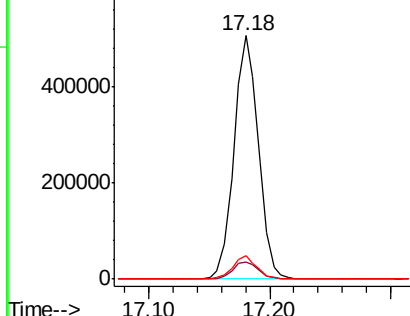
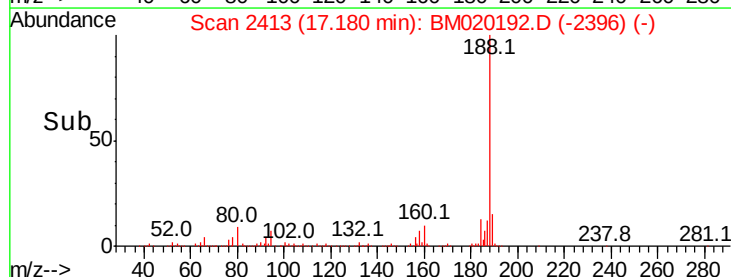
80 9.4 7.4 11.2

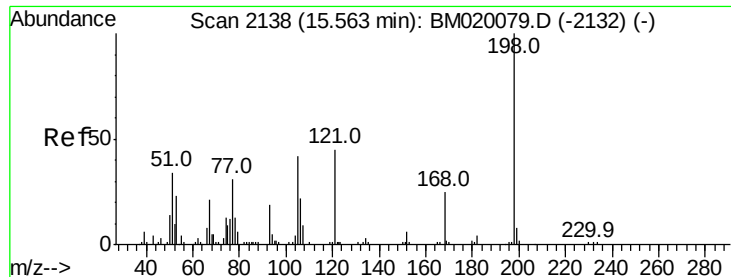


Abundance Ion 188.00 (187.70 to 188.70): BM020192.D (-2396) (-)

Ion 94.00 (93.70 to 94.70): BM020192.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020192.D (-2396) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 53.604 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

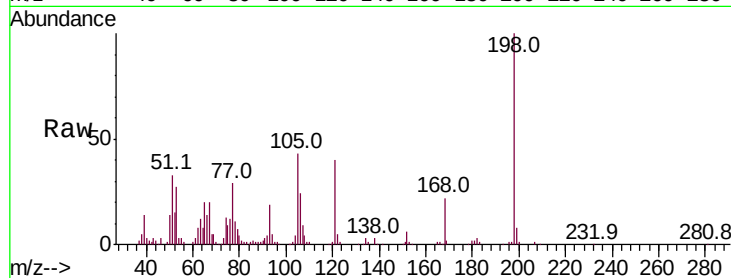
Tot Ion:198 Resp: 195959

Ion Ratio Lower Upper

198 100

51 33.0 16.5 56.5

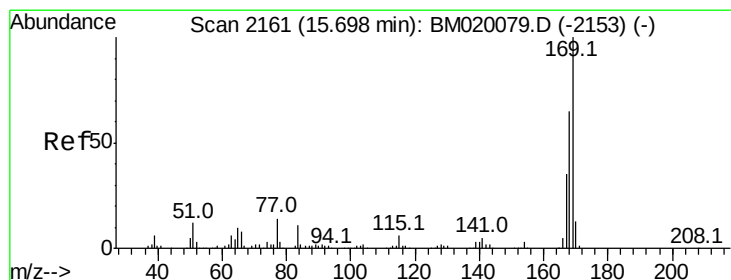
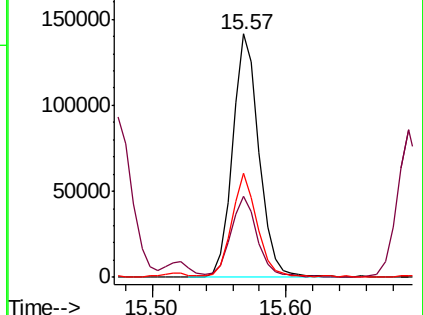
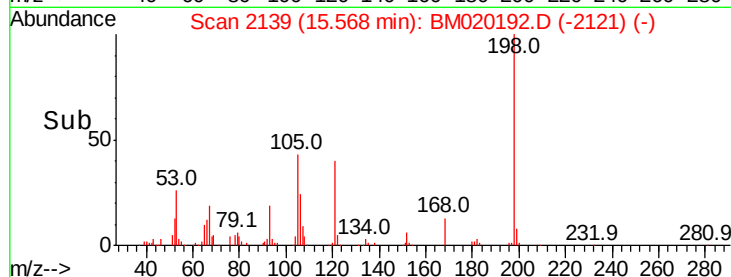
105 42.7 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.574 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

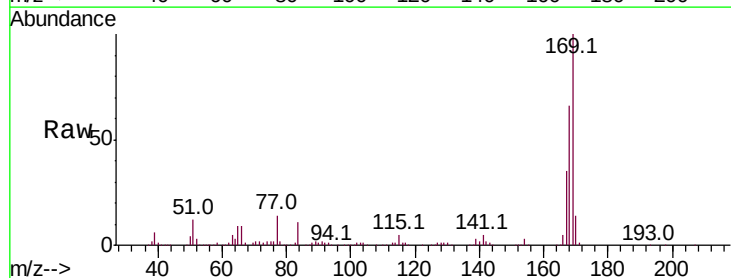
Tgt Ion:169 Resp: 954145

Ion Ratio Lower Upper

169 100

168 66.1 51.9 77.9

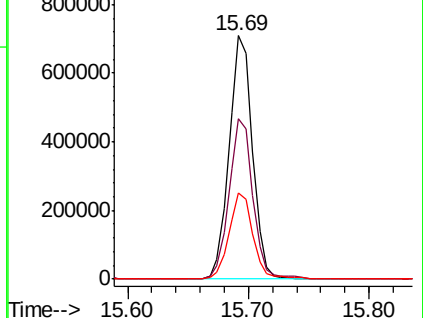
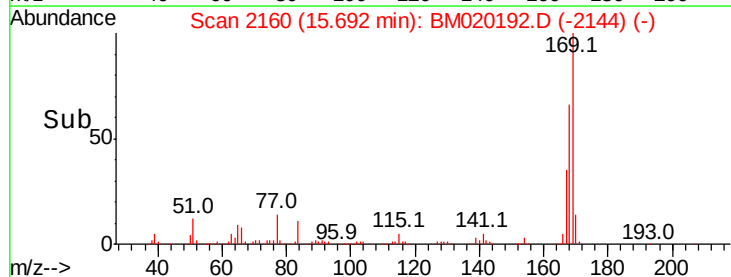
167 35.2 27.8 41.6

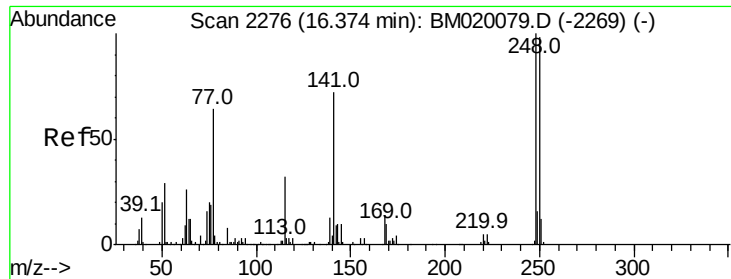


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

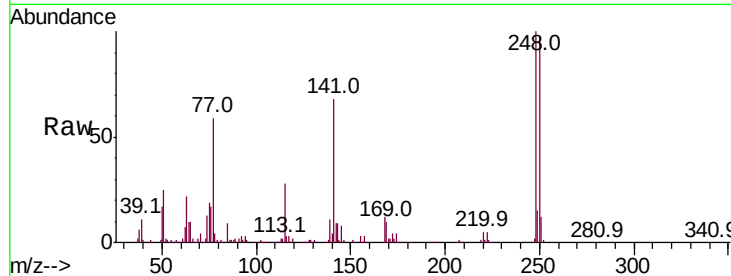




#67  
4-Bromophenyl-phenylether  
Concen: 46.173 ng  
RT: 16.37 min Scan# 2275  
Delta R.T. -0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 78.4  | 117.6 |
| 141     | 68.1  | 57.4  | 86.2  |

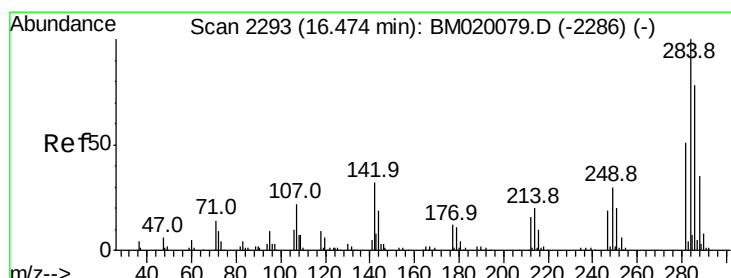
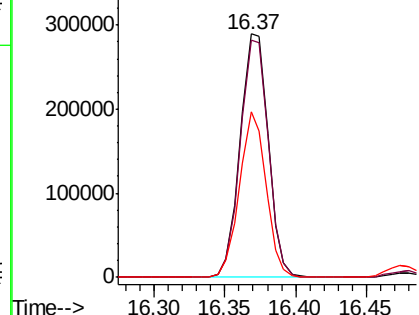
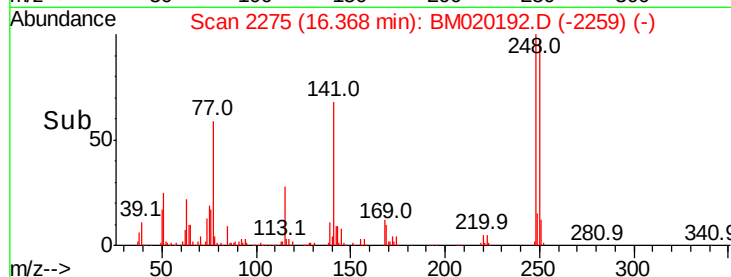


Abundance

Ion 248.00 (247.70 to 248.70): E

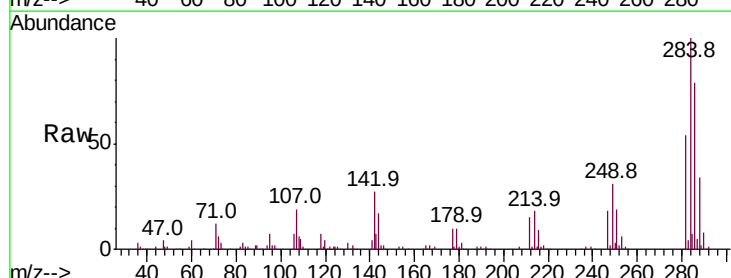
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 45.486 ng  
RT: 16.48 min Scan# 2294  
Delta R.T. 0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.7  | 25.2  | 37.8  |
| 249     | 30.9  | 23.6  | 35.4  |

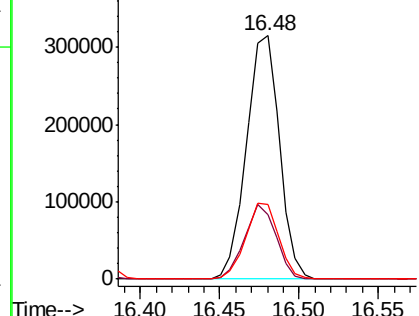
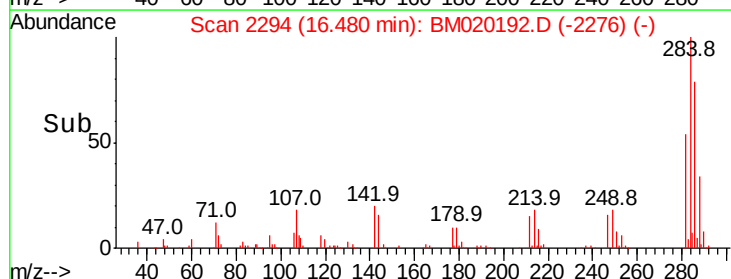


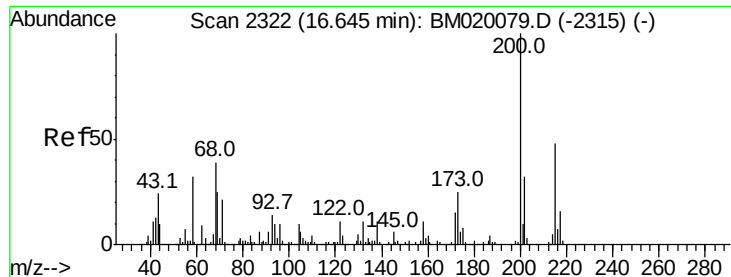
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

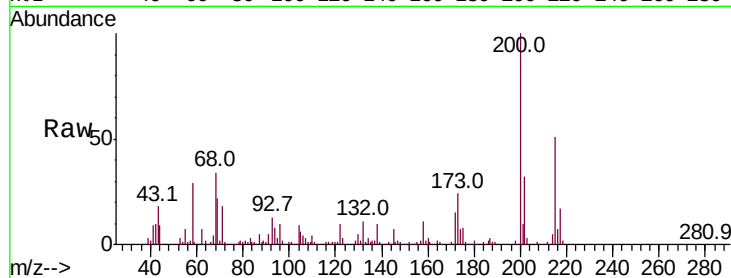




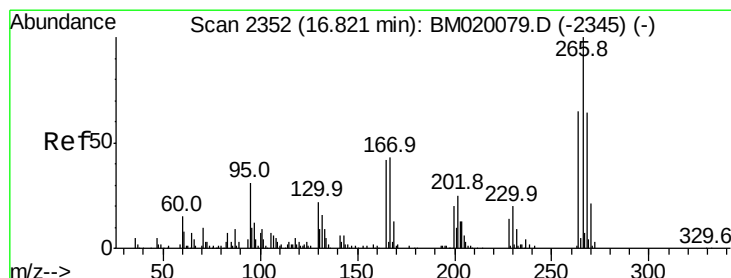
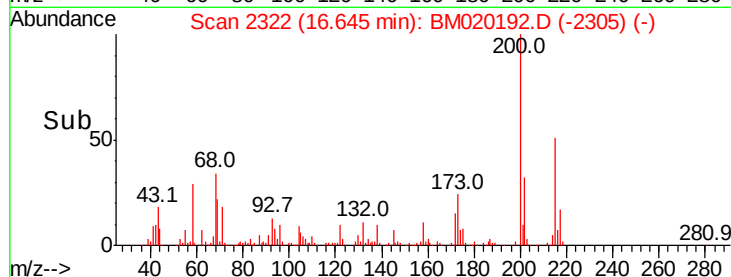
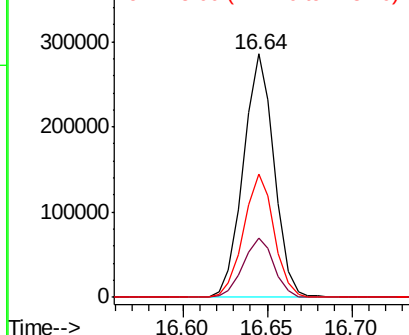
#69  
 Atrazine  
 Concen: 44.327 ng  
 RT: 16.64 min Scan# 2322  
 Delta R.T. -0.00 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.2  | 4.6   | 44.6  |
| 215     | 50.5  | 28.0  | 68.0  |

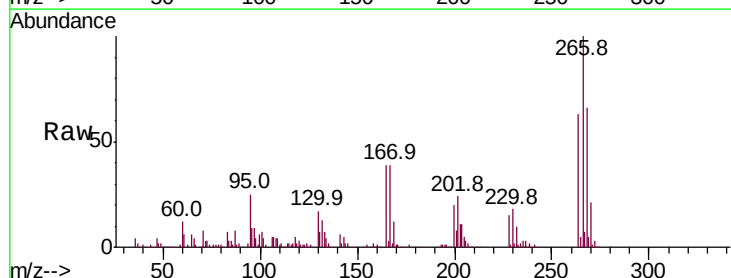


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

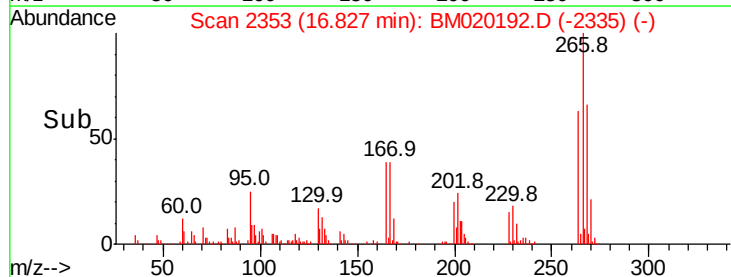
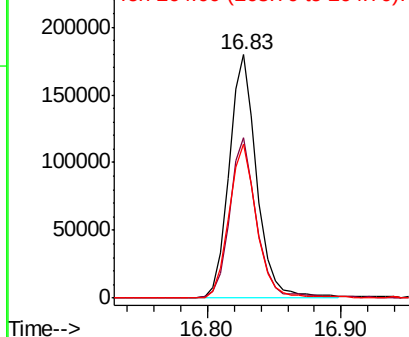


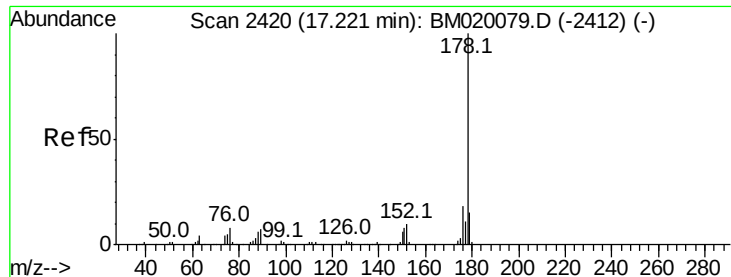
#70  
 Pentachlorophenol  
 Concen: 45.205 ng  
 RT: 16.83 min Scan# 2353  
 Delta R.T. 0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.6  | 51.4  | 77.0  |
| 264     | 63.4  | 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

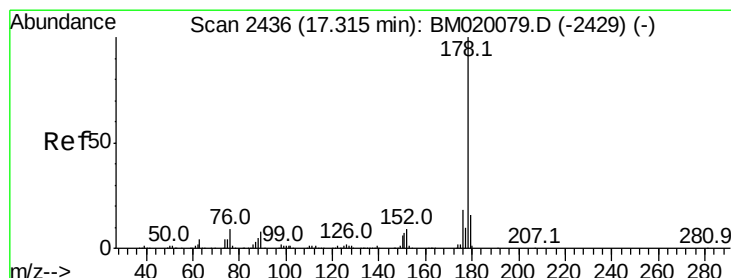
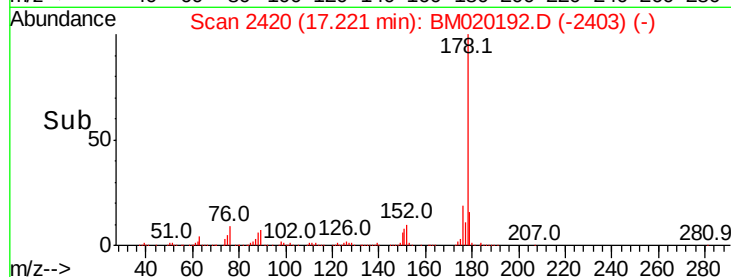
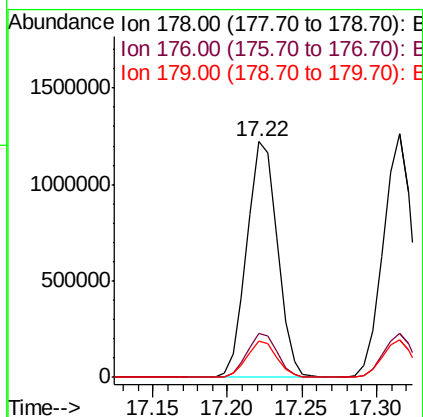
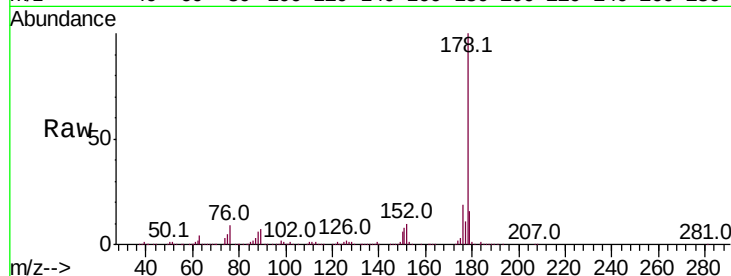




#71  
Phenanthrene  
Concen: 44.220 ng  
RT: 17.22 min Scan# 2420  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

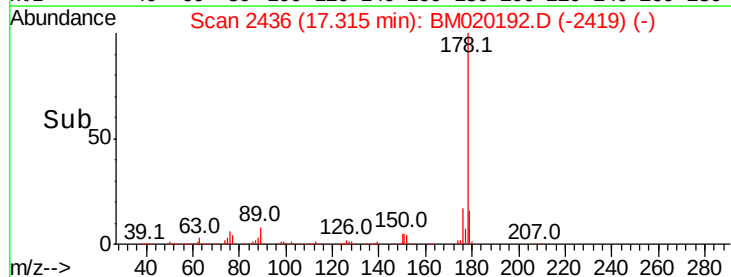
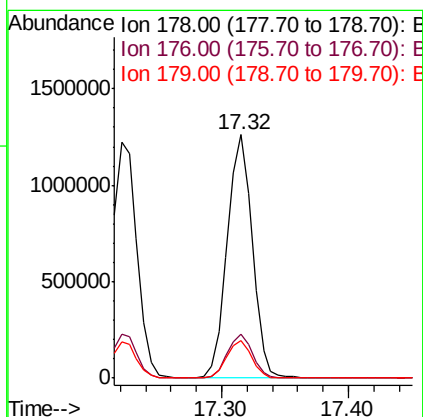
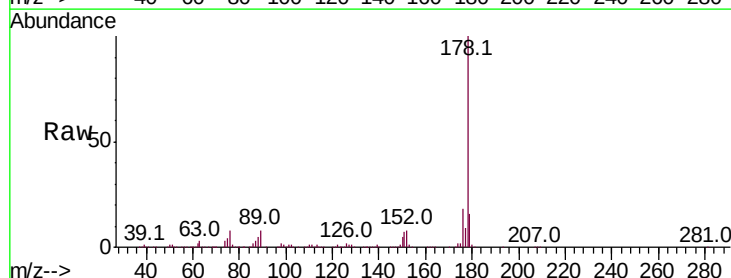
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:178 Resp: 1736761  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.6 21.8  
179 15.6 12.4 18.6

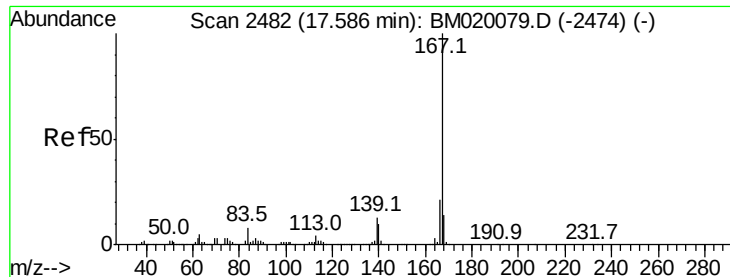


#72  
Anthracene  
Concen: 43.715 ng  
RT: 17.32 min Scan# 2436  
Delta R.T. -0.00 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Tgt Ion:178 Resp: 1716614  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.6 22.0  
179 15.6 12.4 18.6



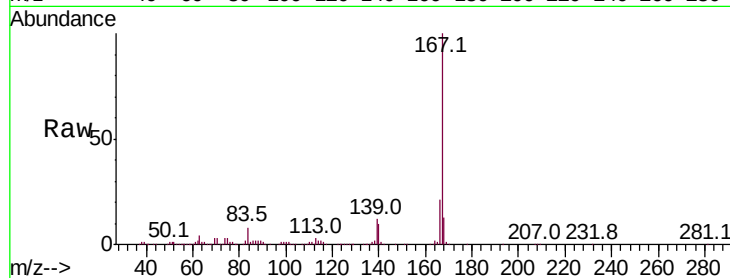




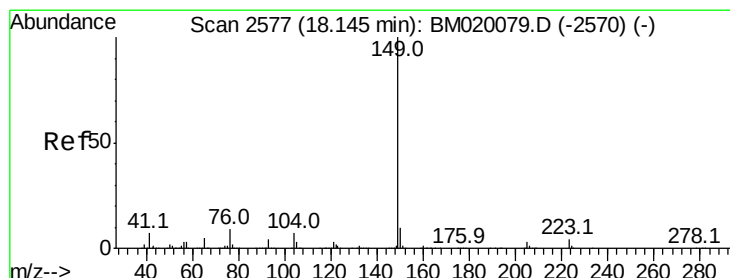
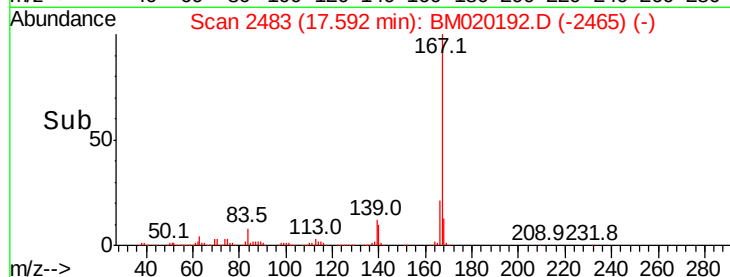
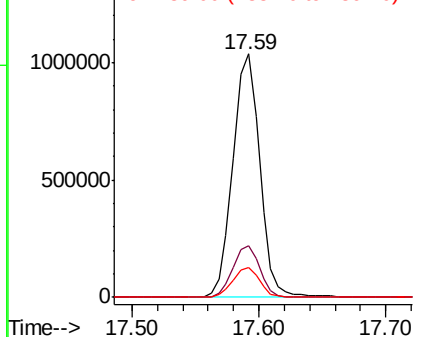
#73  
 Carbazole  
 Concen: 43.018 ng  
 RT: 17.59 min Scan# 2483  
 Delta R.T. 0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 1524229  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.0 25.6  
 139 12.5 10.6 16.0

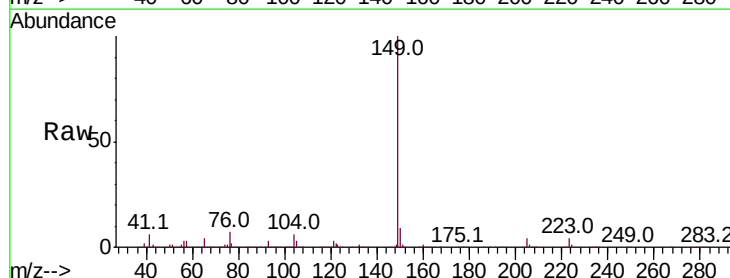


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

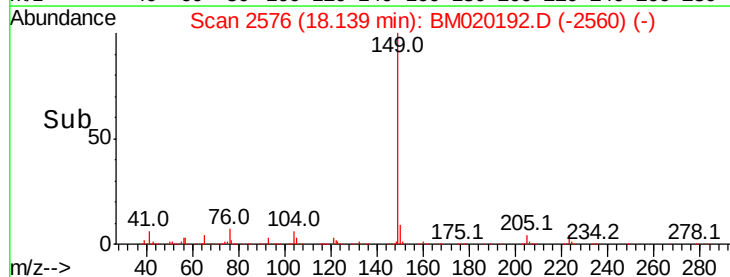
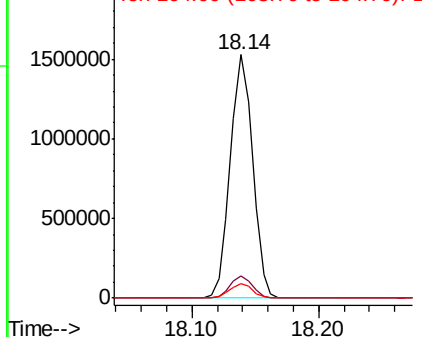


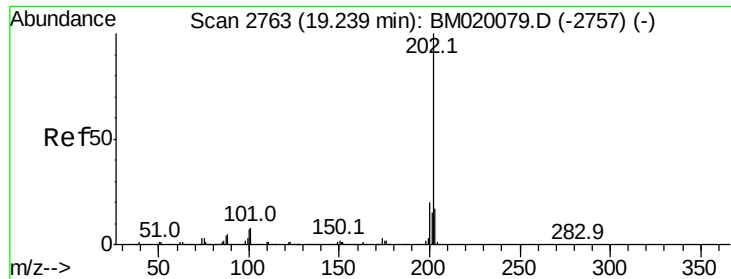
#74  
 Di-n-butylphthalate  
 Concen: 43.591 ng  
 RT: 18.14 min Scan# 2576  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Tgt Ion:149 Resp: 1858738  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.8 11.6  
 104 6.0 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: 42.414 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

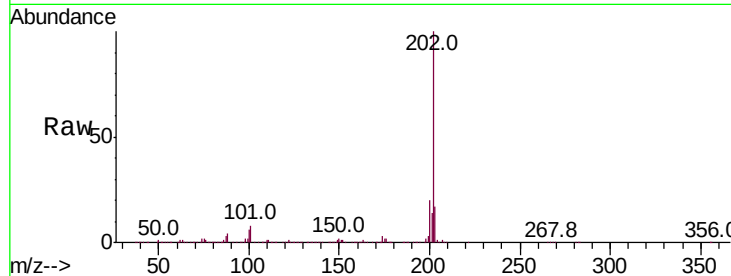
Tot Ion:202 Resp: 2107681

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.4

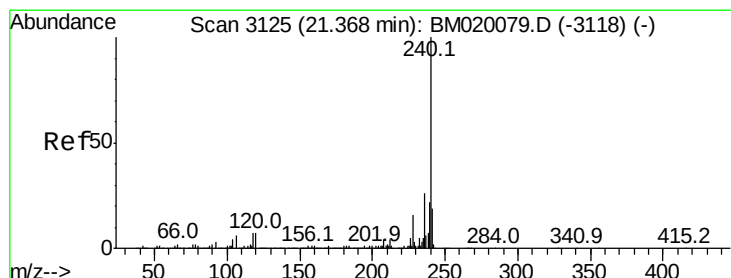
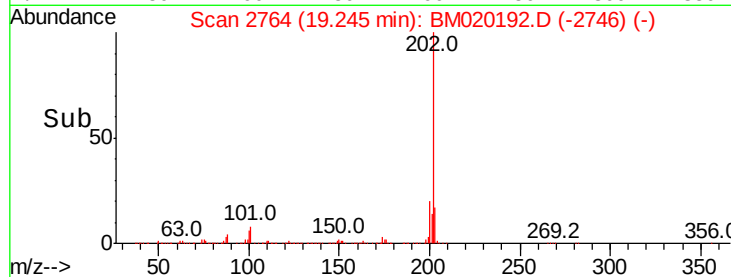
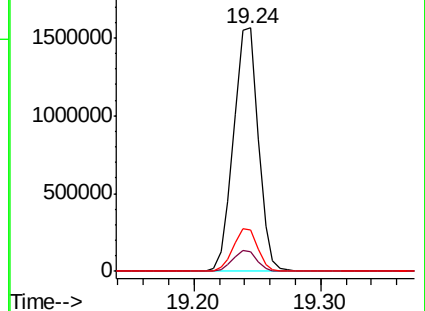
203 17.1 0.0 37.4



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: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

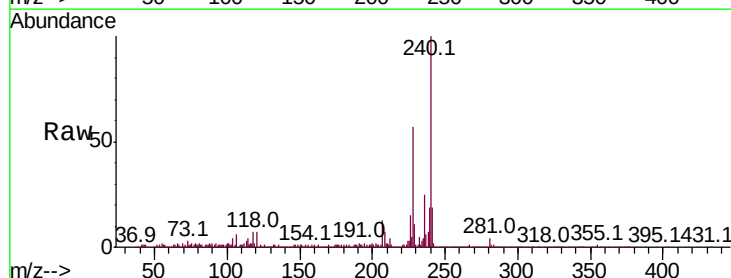
Tgt Ion:240 Resp: 679251

Ion Ratio Lower Upper

240 100

120 6.9 5.6 8.4

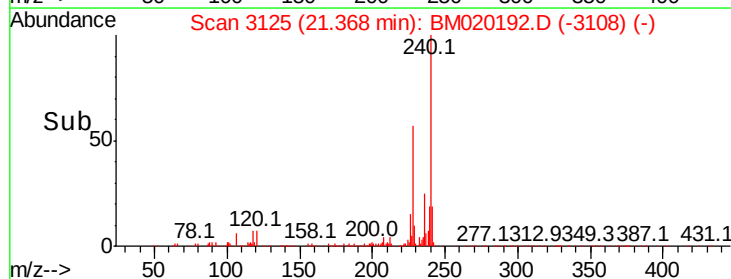
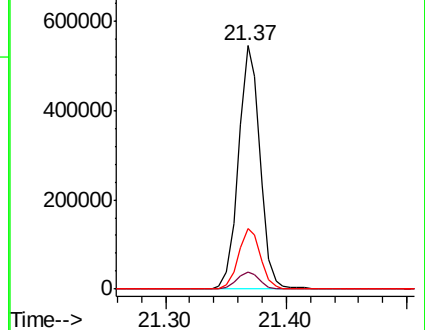
236 25.0 20.9 31.3

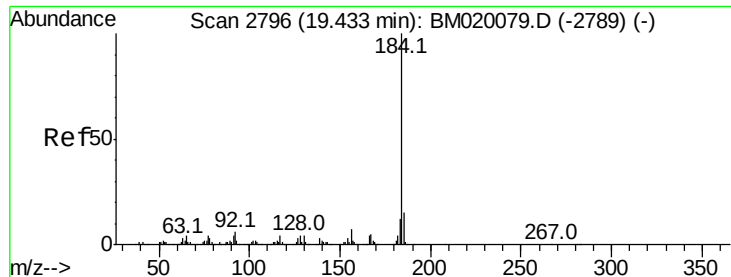


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.603 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

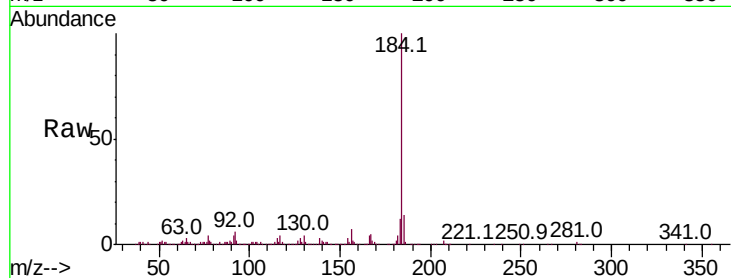
Tot Ion:184 Resp: 860022

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

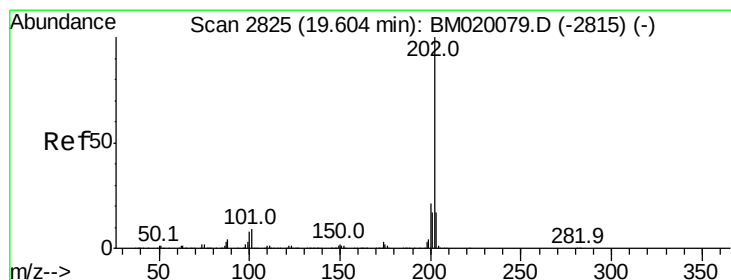
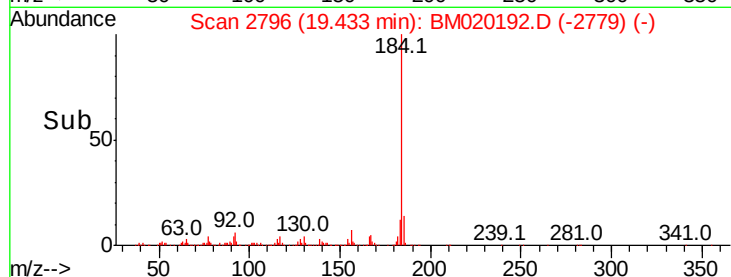
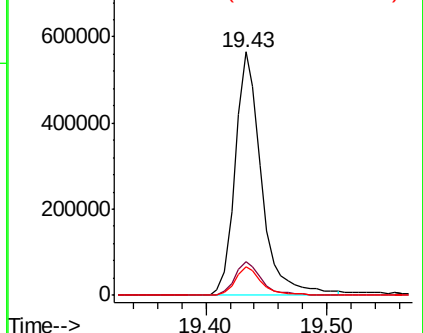
183 11.7 9.5 14.3



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: 46.940 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

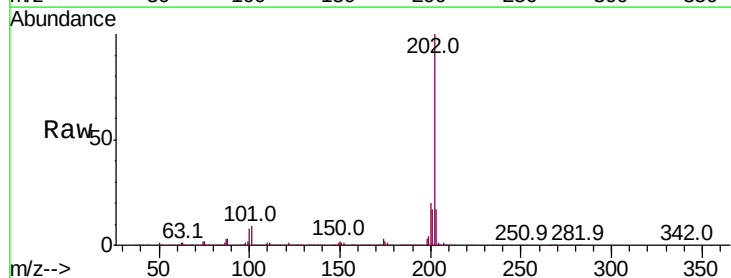
Tgt Ion:202 Resp: 2140654

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

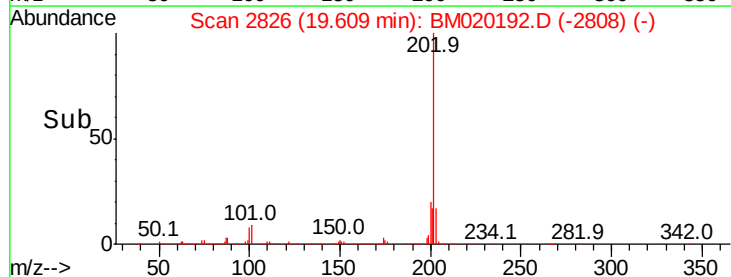
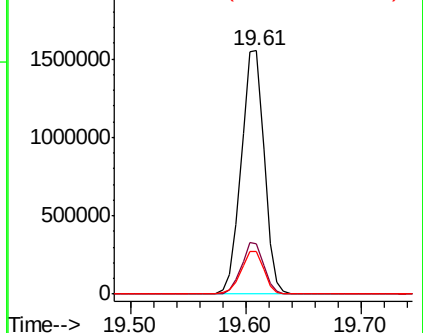
203 17.4 13.9 20.9

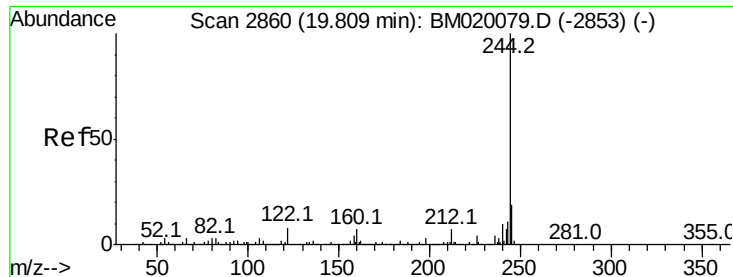


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.679 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

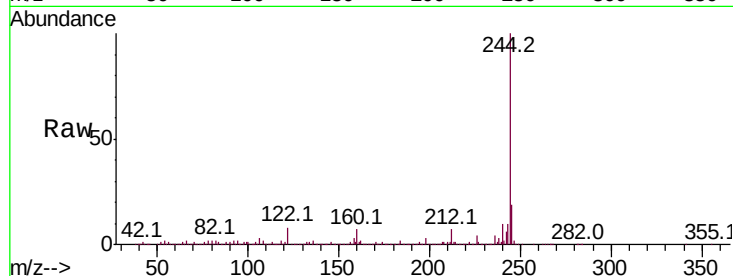
Tot Ion:244 Resp: 3609207

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

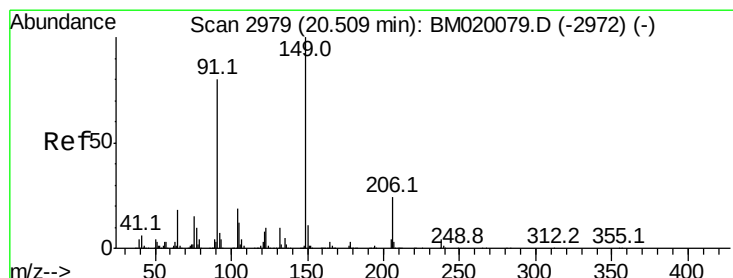
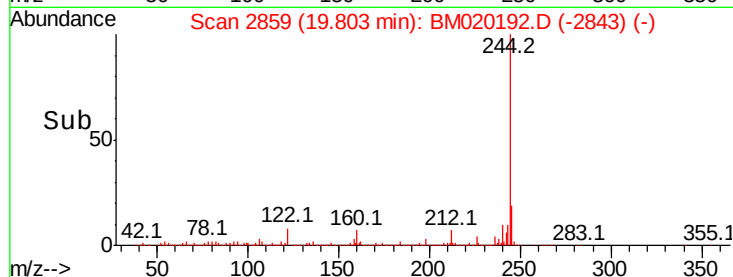
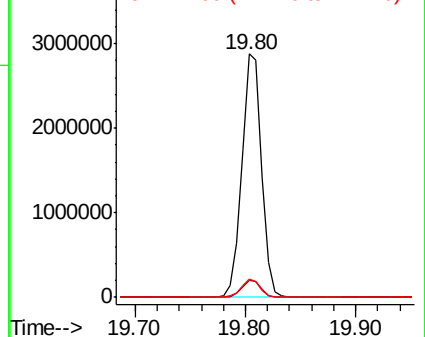
122 7.8 6.2 9.2



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: 48.956 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

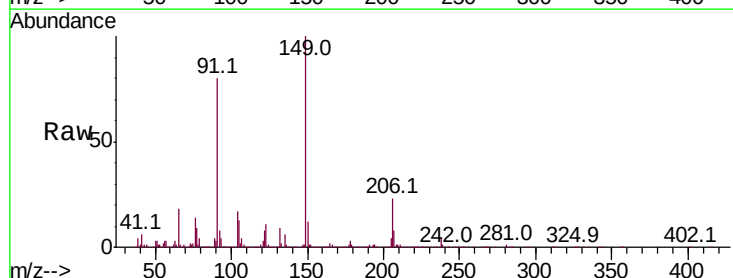
Tgt Ion:149 Resp: 811894

Ion Ratio Lower Upper

149 100

91 80.3 63.8 95.8

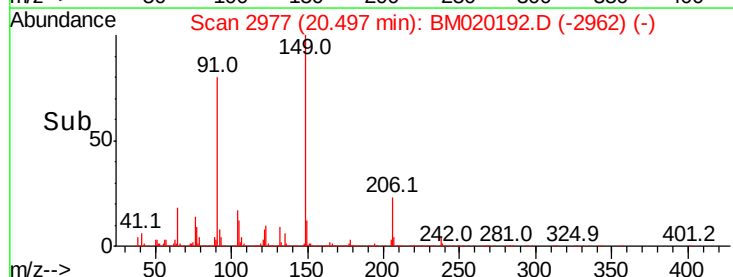
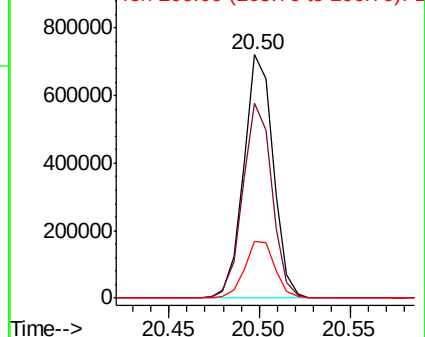
206 23.3 18.9 28.3

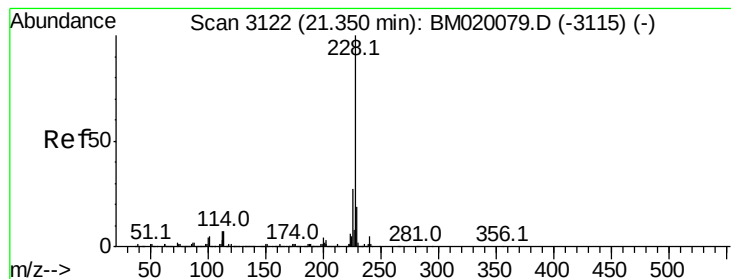


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.835 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

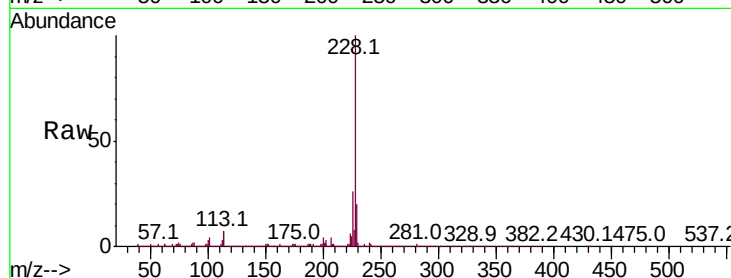
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 2088117

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.3  | 21.3  | 31.9  |
| 229 | 20.0  | 15.5  | 23.3  |

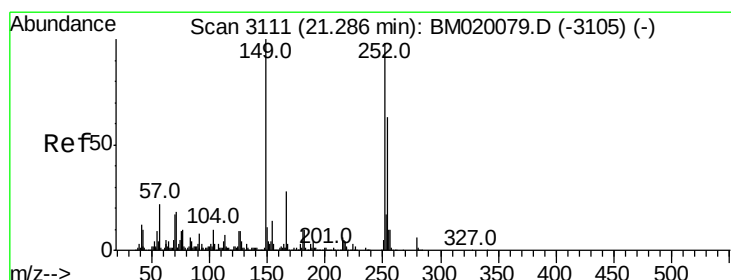
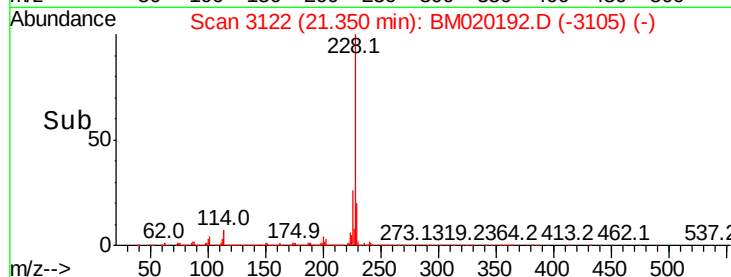
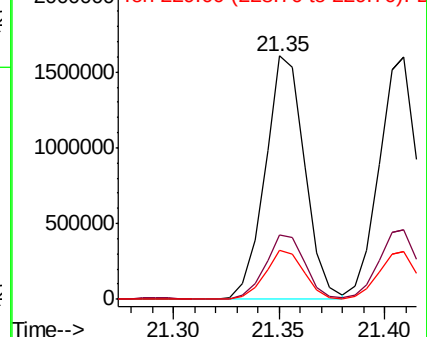


Abundance

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: 45.651 ng

RT: 21.29 min Scan# 3112

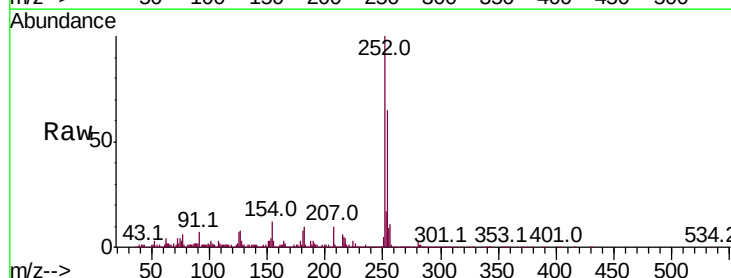
Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion:252 Resp: 829976

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.1  | 51.1  | 76.7  |
| 126 | 7.2   | 7.1   | 10.7  |

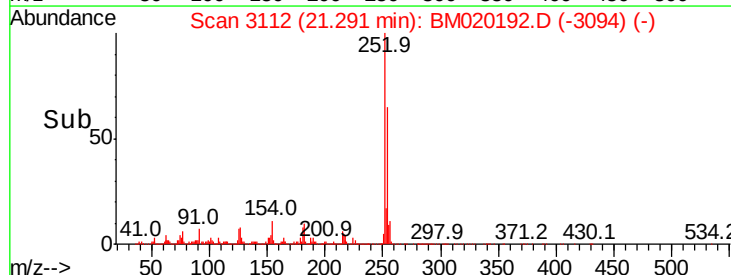
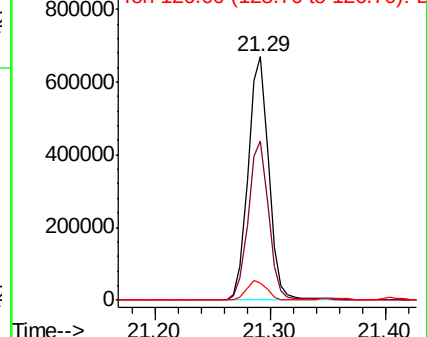


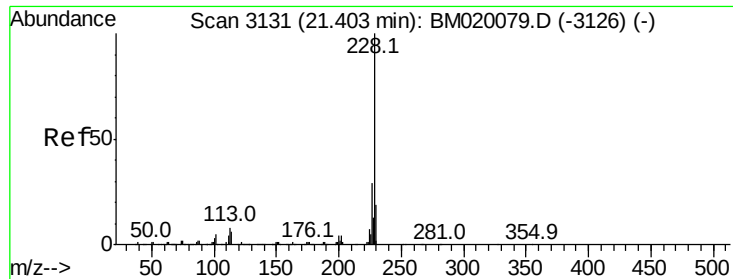
Abundance

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

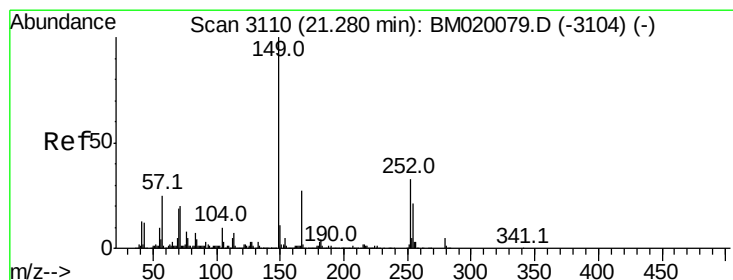
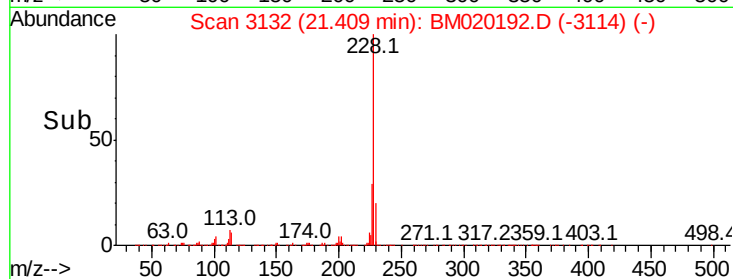
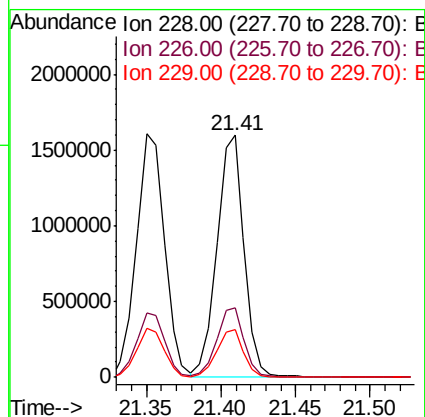
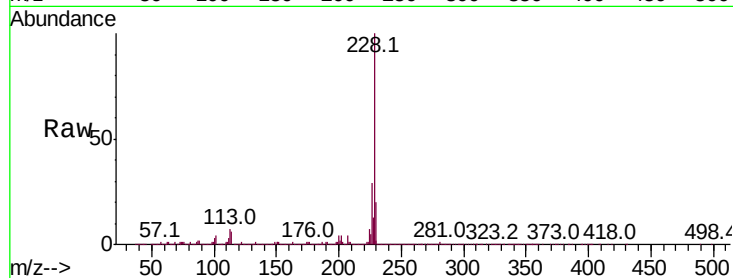




#83  
 Chrvsene  
 Concen: 43.770 ng  
 RT: 21.41 min Scan# 3132  
 Delta R.T. 0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

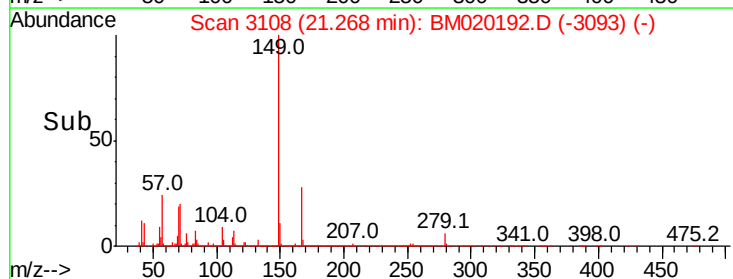
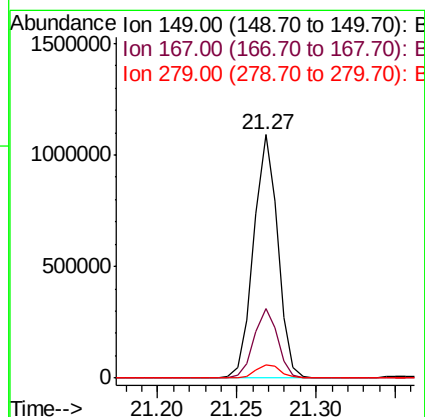
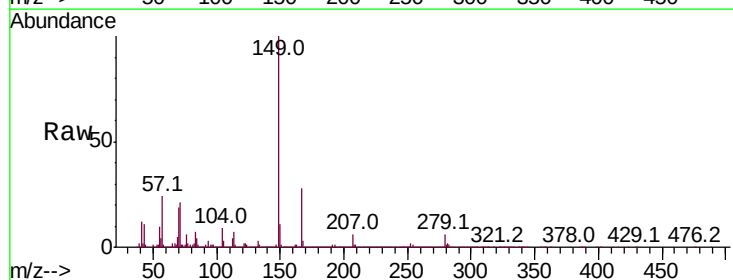
Instrument :  
 BNA\_M  
 ClientSampleId :

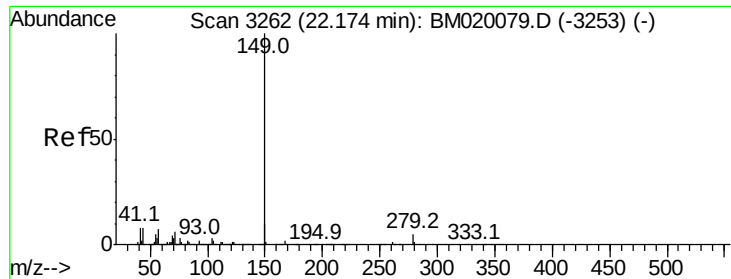
Tot Ion:228 Resp: 2022106  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 23.0 34.6  
 229 19.6 15.5 23.3



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.586 ng  
 RT: 21.27 min Scan# 3108  
 Delta R.T. -0.01 min  
 Lab File: BM020192.D  
 Acq: 08 May 2019 12:52

Tgt Ion:149 Resp: 1147371  
 Ion Ratio Lower Upper  
 149 100  
 167 28.3 21.8 32.8  
 279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 45.841 ng

RT: 22.16 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

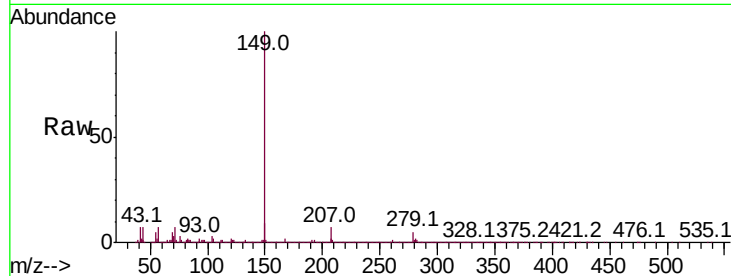
Tot Ion:149 Resp: 1960676

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

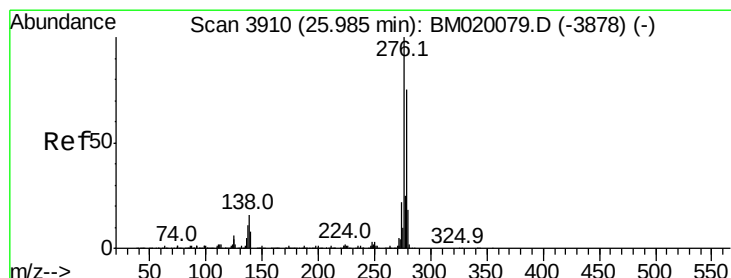
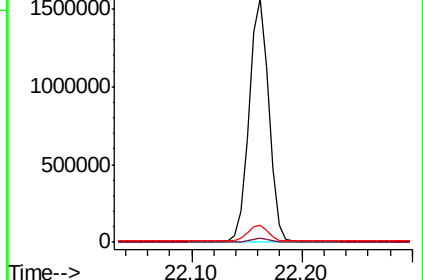
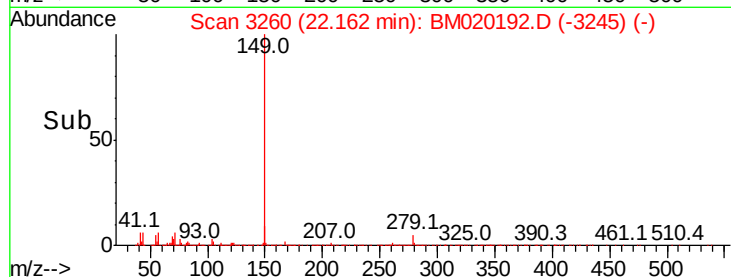
43 6.9 6.5 9.7



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: 45.140 ng

RT: 26.00 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

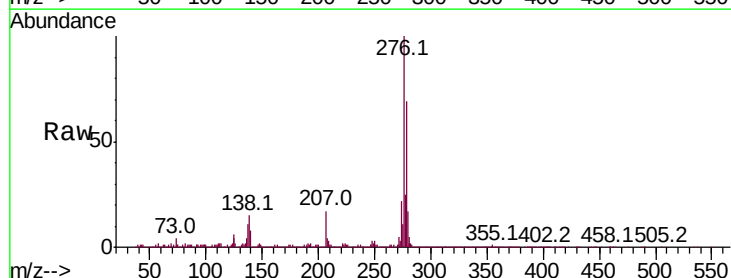
Tgt Ion:276 Resp: 2480550

Ion Ratio Lower Upper

276 100

138 15.7 0.0 0.0#

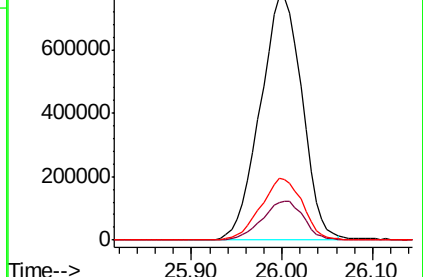
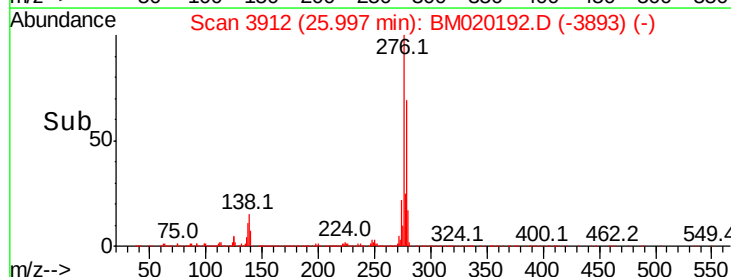
277 25.1 0.0 0.0#

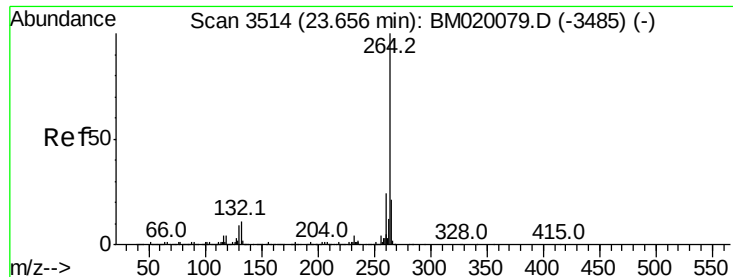


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



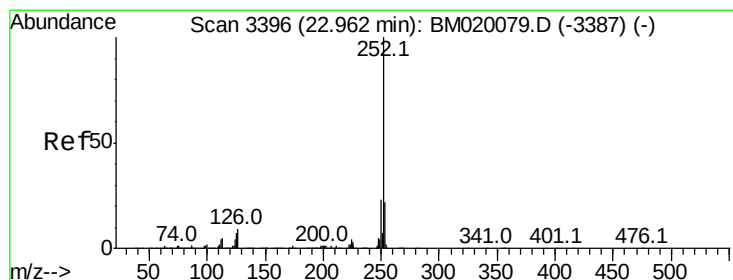
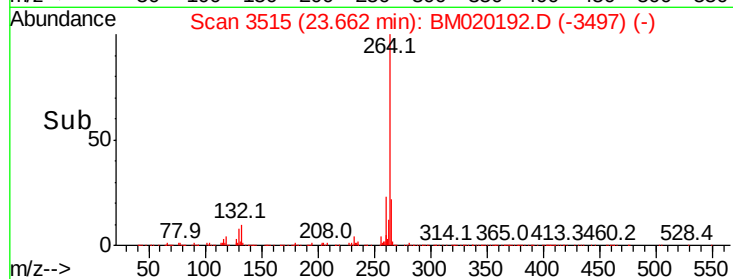
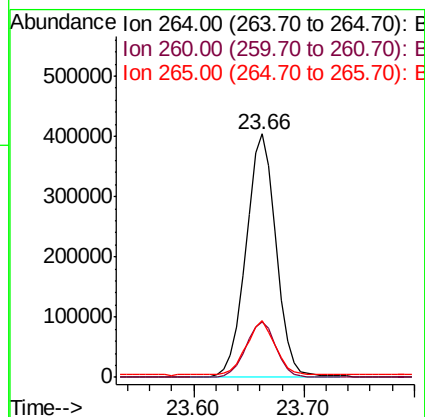
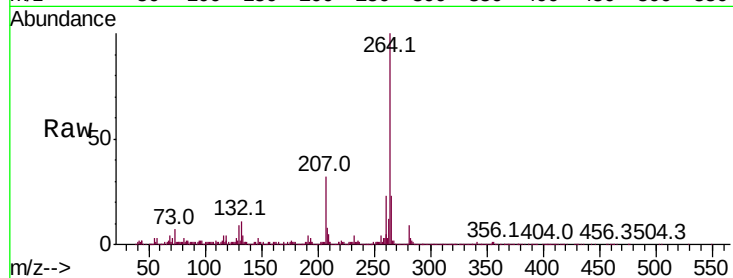


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.66 min Scan# 3515  
Delta R.T. 0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:264 Resp: 769914  

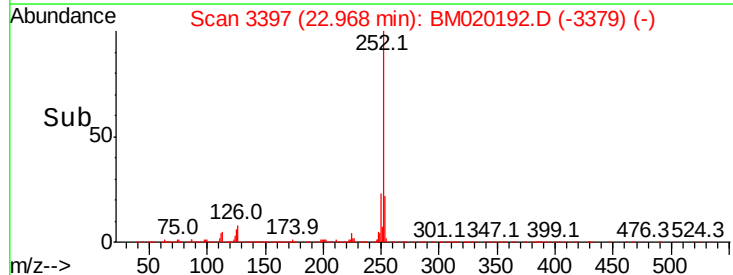
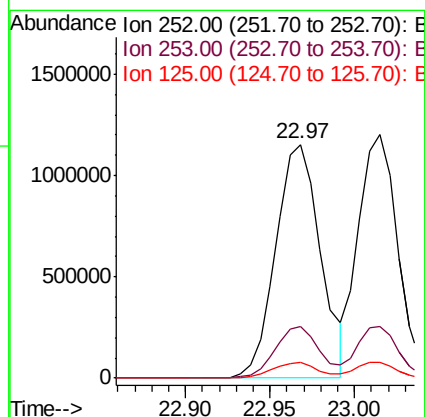
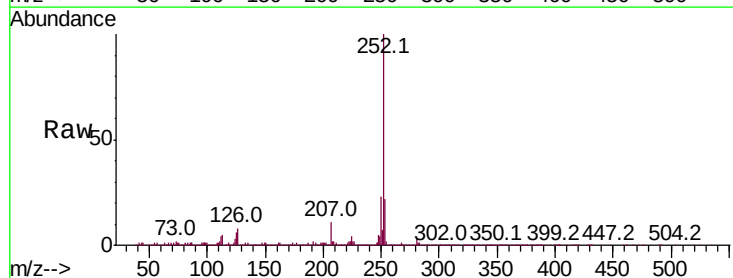
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.8  | 19.2  | 28.8  |
| 265 | 23.2  | 16.9  | 25.3  |



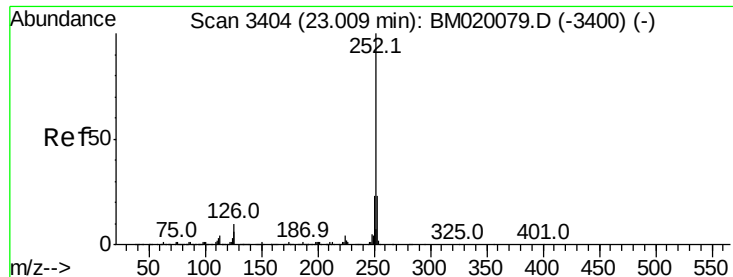
#88  
Benzo(b)fluoranthene  
Concen: 41.545 ng  
RT: 22.97 min Scan# 3397  
Delta R.T. 0.01 min  
Lab File: BM020192.D  
Acq: 08 May 2019 12:52

Tgt Ion:252 Resp: 2112207  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.5  | 26.3  |
| 125 | 6.5   | 5.4   | 8.2   |







#89

Benzo(k)fluoranthene

Concen: 41.861 ng

RT: 23.01 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA\_M

ClientSampleId :

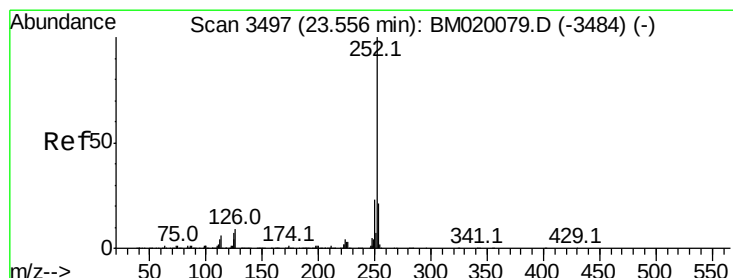
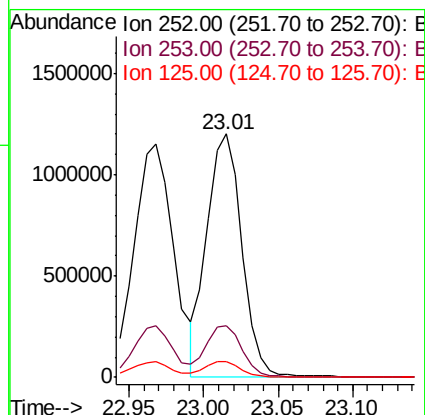
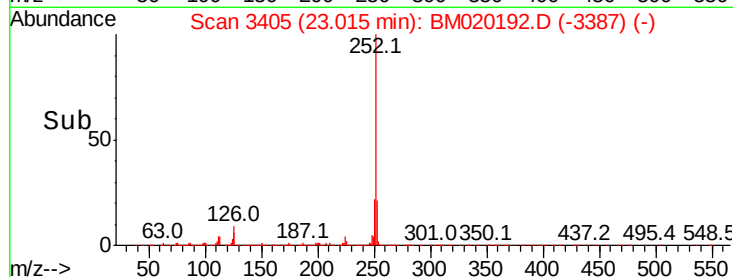
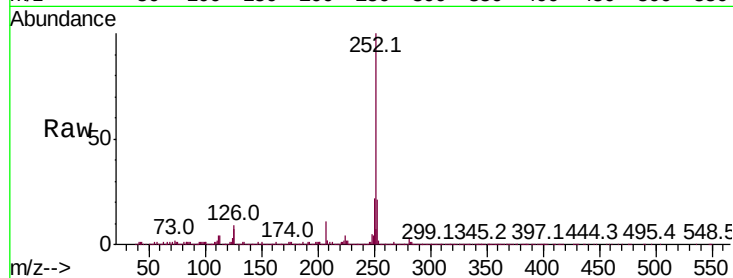
Tot Ion:252 Resp: 1941360

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

125 6.7 5.4 8.0



#90

Benzo(a)pyrene

Concen: 42.324 ng

RT: 23.56 min Scan# 3498

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

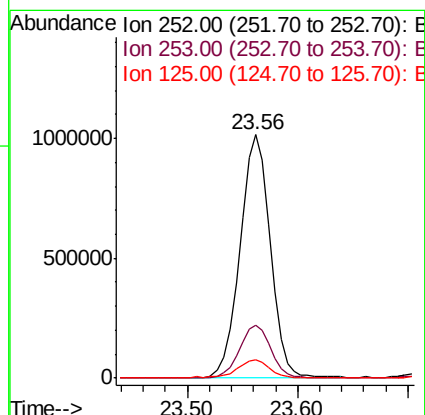
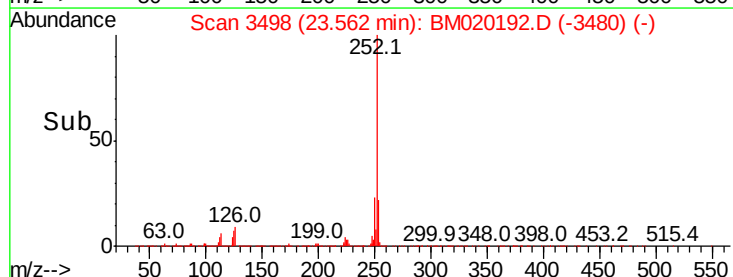
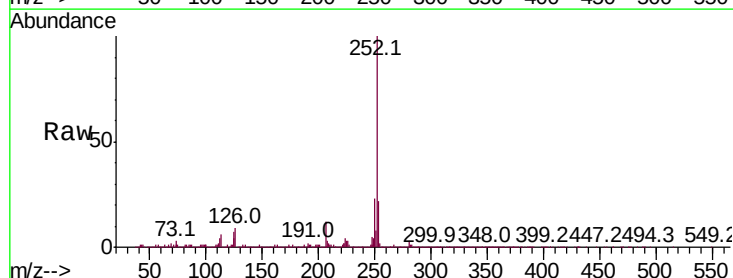
Tgt Ion:252 Resp: 1954528

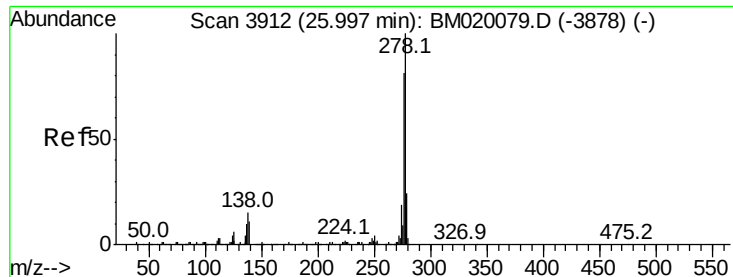
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 7.5 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 43.153 ng

RT: 26.01 min Scan# 3915

Delta R.T. 0.02 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

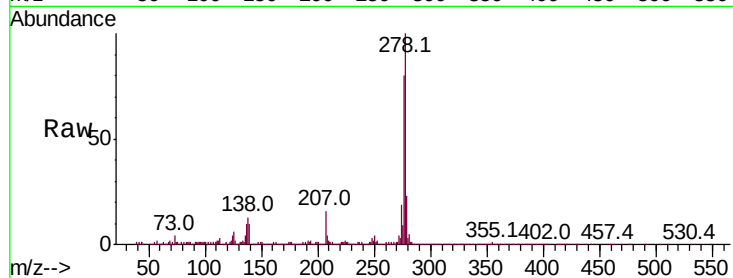
Instrument :

BNA\_M

ClientSampled :

Tot Ion:278 Resp: 2072431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.5  | 8.6   | 13.0  |
| 279 | 23.4  | 18.8  | 28.2  |

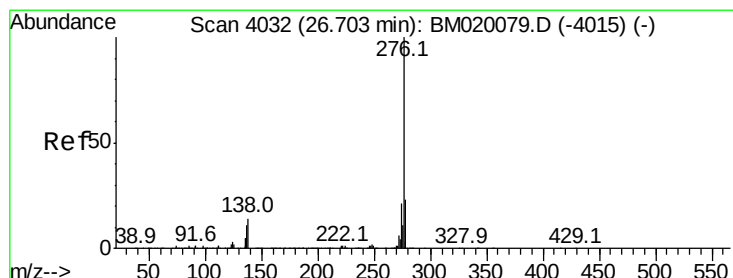
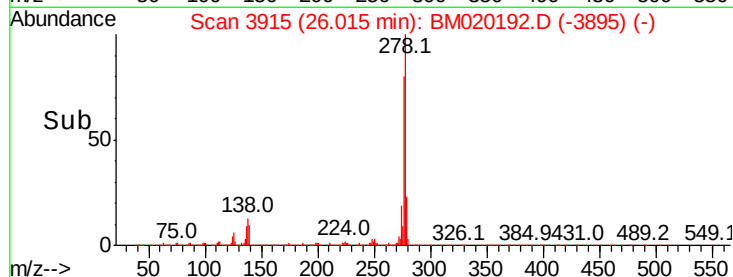
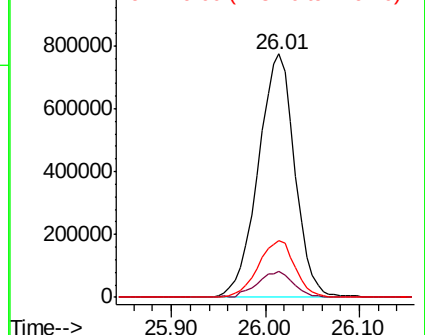


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.567 ng

RT: 26.72 min Scan# 4035

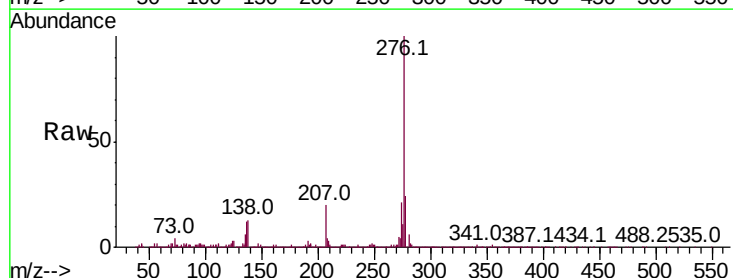
Delta R.T. 0.02 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion:276 Resp: 1986477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.8  | 18.4  | 27.6  |
| 138 | 13.4  | 11.1  | 16.7  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

