

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\  
 Data File : BM020179.D  
 Acq On : 07 May 2019 23:44  
 Operator : JU/SJ  
 Sample : K2704-04MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

Quant Time: May 08 02:11:05 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  | 130556   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.58 | 136  | 464331   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.43 | 164  | 265411   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.18 | 188  | 624644   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.36 | 240  | 689264   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.64 | 264  | 831027   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.37  | 112 | 1102842 | 138.08 | ng | 0.00 |
| 7) Phenol-d6                | 6.96  | 99  | 1507211 | 138.13 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.96  | 82  | 1067428 | 90.76  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.93 | 330 | 633132  | 153.68 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.05 | 172 | 1924834 | 89.23  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.80 | 244 | 3128697 | 79.17  | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.30  | 88  | 134077  | 34.227 | ng | 94   |
| 3) Pyridine                    | 3.70  | 79  | 379491  | 37.879 | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.62  | 42  | 131473  | 40.924 | ng | # 82 |
| 6) Aniline                     | 7.12  | 93  | 281793  | 20.516 | ng | 99   |
| 8) 2-Chlorophenol              | 7.35  | 128 | 354008  | 40.706 | ng | 99   |
| 9) Benzaldehyde                | 6.94  | 77  | 241950  | 29.297 | ng | 95   |
| 10) Phenol                     | 6.99  | 94  | 494646  | 42.110 | ng | 93   |
| 11) bis(2-Chloroethyl)ether    | 7.22  | 93  | 364558  | 42.700 | ng | 96   |
| 12) 1,3-Dichlorobenzene        | 7.67  | 146 | 408504  | 40.372 | ng | 96   |
| 13) 1,4-Dichlorobenzene        | 7.82  | 146 | 415208  | 40.620 | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 8.13  | 146 | 395299  | 40.592 | ng | 98   |
| 15) Benzyl Alcohol             | 8.03  | 79  | 415870  | 39.526 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.32  | 45  | 277808  | 39.242 | ng | 97   |
| 17) 2-Methylphenol             | 8.23  | 107 | 311610  | 41.209 | ng | 94   |
| 18) Hexachloroethane           | 8.86  | 117 | 164149  | 38.514 | ng | 94   |
| 19) n-Nitroso-di-n-propylamine | 8.59  | 70  | 353616  | 37.879 | ng | 94   |
| 20) 3+4-Methylphenols          | 8.56  | 107 | 415213  | 41.316 | ng | 97   |
| 22) Acetophenone               | 8.62  | 105 | 571034  | 44.998 | ng | # 95 |
| 24) Nitrobenzene               | 9.00  | 77  | 509679  | 41.796 | ng | 95   |
| 25) Isophorone                 | 9.52  | 82  | 865123  | 42.655 | ng | 99   |
| 26) 2-Nitrophenol              | 9.70  | 139 | 194350  | 52.791 | ng | 92   |
| 27) 2,4-Dimethylphenol         | 9.76  | 122 | 309103  | 50.432 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 10.00 | 93  | 475073  | 43.008 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.23 | 162 | 349141  | 45.175 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.44 | 180 | 419258  | 44.087 | ng | 97   |
| 31) Naphthalene                | 10.63 | 128 | 1039014 | 43.120 | ng | 99   |
| 32) Benzoic acid               | 9.82  | 122 | 26546   | 11.860 | ng | 89   |
| 33) 4-Chloroaniline            | 10.75 | 127 | 130802  | 13.189 | ng | 97   |
| 34) Hexachlorobutadiene        | 10.90 | 225 | 279543  | 41.554 | ng | 96   |
| 35) Caprolactam                | 11.55 | 113 | 85271   | 36.899 | ng | 96   |
| 36) 4-Chloro-3-methylphenol    | 11.87 | 107 | 381279  | 41.981 | ng | 93   |
| 37) 2-Methylnaphthalene        | 12.25 | 142 | 770209  | 43.845 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.47 | 142 | 724172  | 42.157 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.61 | 216 | 475370  | 45.780 | ng | 99   |

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 Sample : K2704-04MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

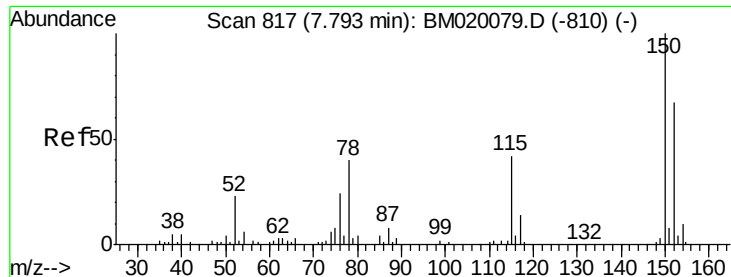
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

Quant Time: May 08 02:11:05 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  | 478195   | 78.212 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.86 | 196  | 302512   | 51.261 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 12.93 | 196  | 322737   | 48.953 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.26 | 154  | 976258   | 44.688 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.30 | 162  | 786697   | 45.103 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.52 | 65   | 278933   | 44.919 | ng    | 93       |
| 49) Acenaphthylene             | 14.16 | 152  | 1199933  | 42.986 | ng    | 99       |
| 50) Dimethylphthalate          | 13.89 | 163  | 1141058  | 50.584 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.02 | 165  | 211098   | 44.431 | ng    | 92       |
| 52) Acenaphthene               | 14.50 | 154  | 713506   | 44.573 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.35 | 138  | 120773   | 27.388 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.56 | 184  | 75047    | 36.667 | ng    | 92       |
| 55) Dibenzofuran               | 14.83 | 168  | 1165884  | 43.179 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.66 | 139  | 325107   | 86.411 | ng    | 87       |
| 57) 2,4-Dinitrotoluene         | 14.80 | 165  | 295638   | 45.793 | ng    | # 95     |
| 58) Fluorene                   | 15.48 | 166  | 946780   | 42.695 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.06 | 232  | 300547   | 47.972 | ng    | 97       |
| 60) Diethylphthalate           | 15.25 | 149  | 955958   | 42.063 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.47 | 204  | 532841   | 42.408 | ng    | 95       |
| 62) 4-Nitroaniline             | 15.52 | 138  | 200236   | 41.146 | ng    | 89       |
| 63) Azobenzene                 | 15.77 | 77   | 1051093  | 39.203 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.56 | 198  | 124187   | 40.686 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.69 | 169  | 821475   | 44.693 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.37 | 248  | 330651   | 43.167 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.47 | 284  | 378665   | 42.960 | ng    | 96       |
| 69) Atrazine                   | 16.64 | 200  | 317978   | 44.268 | ng    | 97       |
| 70) Pentachlorophenol          | 16.82 | 266  | 484070   | 95.984 | ng    | 99       |
| 71) Phenanthrene               | 17.22 | 178  | 1603148  | 46.494 | ng    | 99       |
| 72) Anthracene                 | 17.31 | 178  | 1588027  | 46.064 | ng    | 99       |
| 73) Carbazole                  | 17.59 | 167  | 1340167  | 43.083 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.14 | 149  | 1586743  | 42.386 | ng    | 98       |
| 75) Fluoranthene               | 19.24 | 202  | 2168442  | 49.704 | ng    | 99       |
| 77) Benzidine                  | 19.43 | 184  | 813442   | 36.914 | ng    | 99       |
| 78) Pyrene                     | 19.60 | 202  | 2214076  | 47.845 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.49 | 149  | 787607   | 46.802 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.34 | 228  | 2134703  | 44.162 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.28 | 252  | 595477   | 32.277 | ng    | 99       |
| 83) Chrysene                   | 21.40 | 228  | 2091642  | 44.617 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.26 | 149  | 1136322  | 43.515 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.15 | 149  | 2024501  | 46.645 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.98 | 276  | 2741266  | 49.160 | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.96 | 252  | 2384558  | 43.453 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.00 | 252  | 2166553  | 43.281 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.55 | 252  | 2260300  | 45.346 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.99 | 278  | 2326347  | 44.878 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.70 | 276  | 2266632  | 46.056 | ng    | 98       |

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



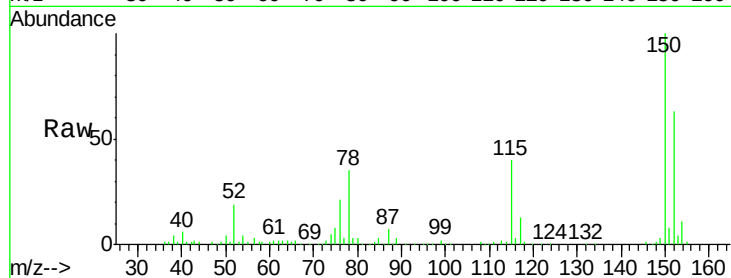


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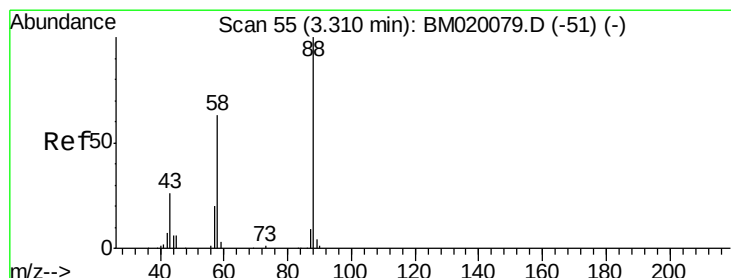
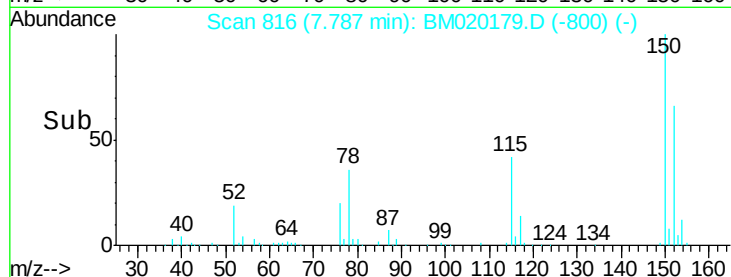
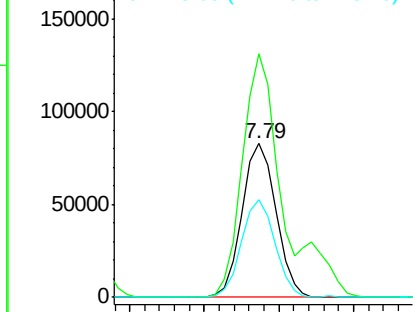
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.79 min Scan# 816  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

Tot Ion:152 Resp: 130556  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 119.8 179.8  
 115 63.9 50.8 76.2



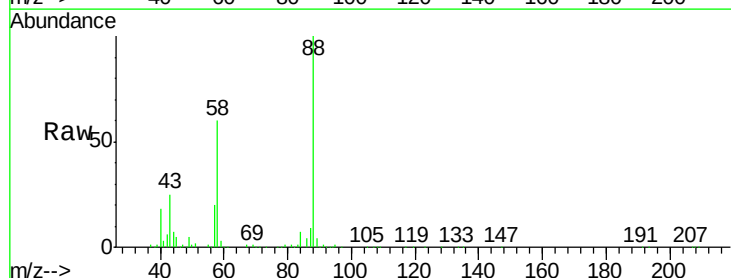
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



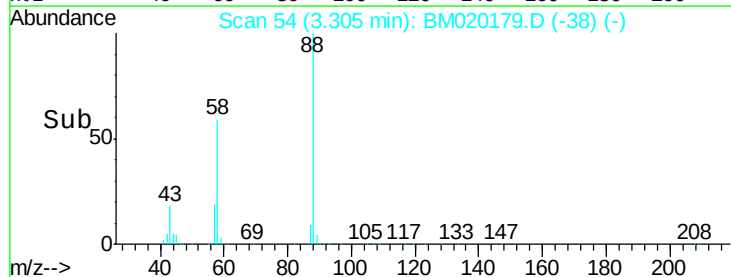
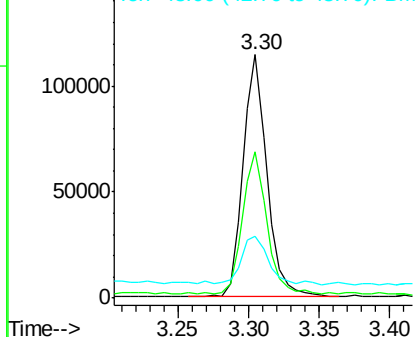
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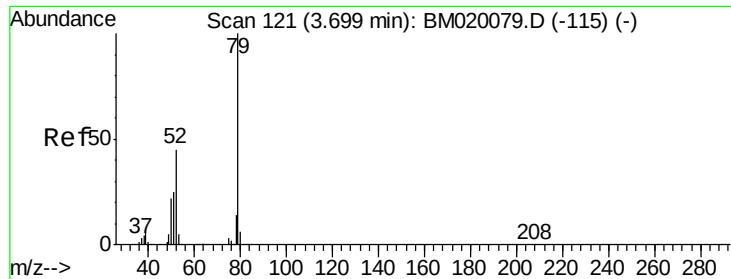
1,4-Dioxane  
 Concen: 34.227 ng  
 RT: 3.30 min Scan# 54  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Tgt Ion: 88 Resp: 134077  
 Ion Ratio Lower Upper  
 88 100  
 58 59.8 51.8 77.6  
 43 22.8 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: 37.879 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

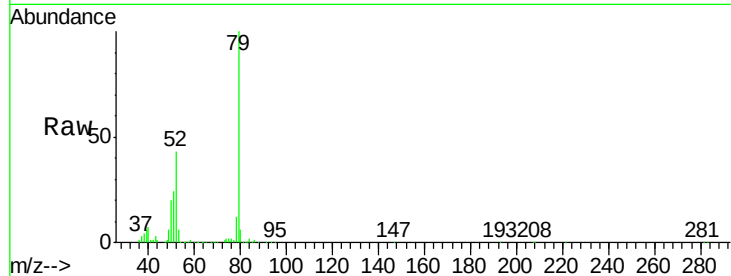
Tot Ion: 79 Resp: 379491

Ion Ratio Lower Upper

79 100

52 43.3 35.7 53.5

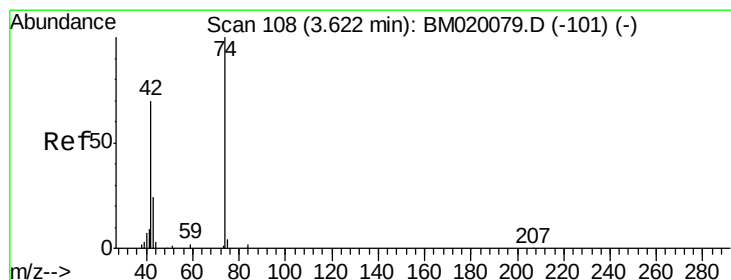
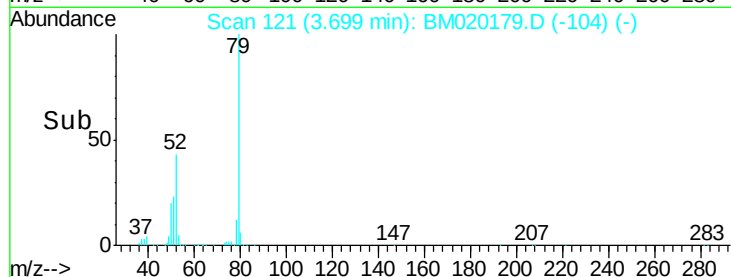
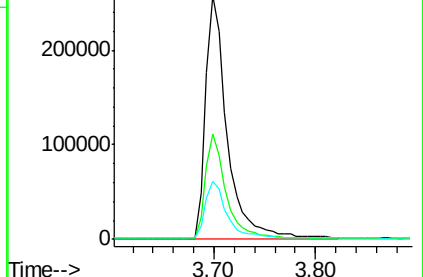
51 23.6 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020179.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020179.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020179.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 40.924 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

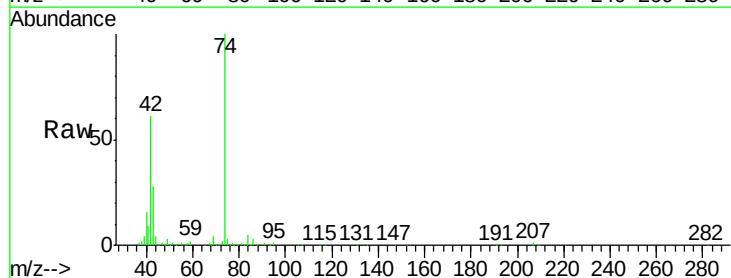
Tgt Ion: 42 Resp: 131473

Ion Ratio Lower Upper

42 100

74 165.1 113.7 170.5

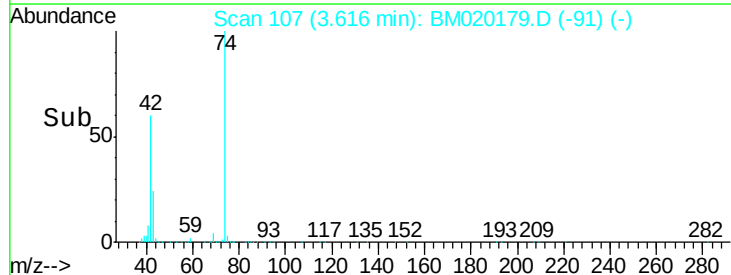
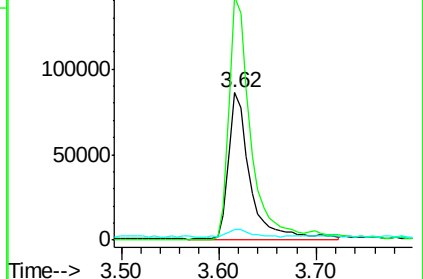
44 7.0 3.9 5.9#

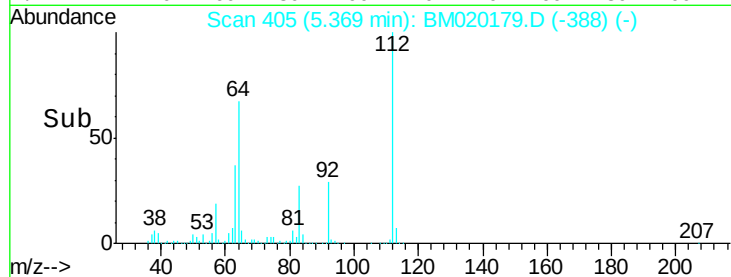
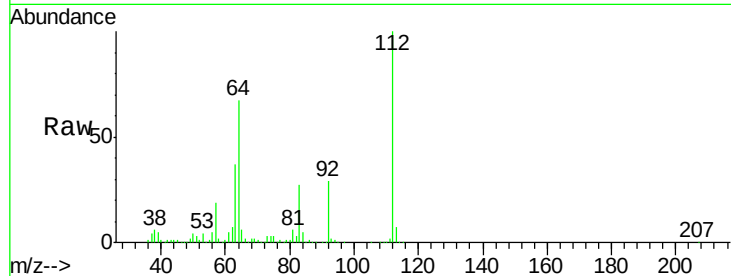
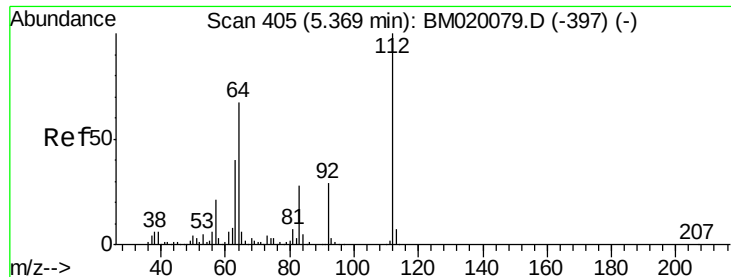


Abundance Ion 42.00 (41.70 to 42.70): BM020179.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020179.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020179.D (-101) (-)





#5

2-Fluorophenol

Concen: 138.078 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

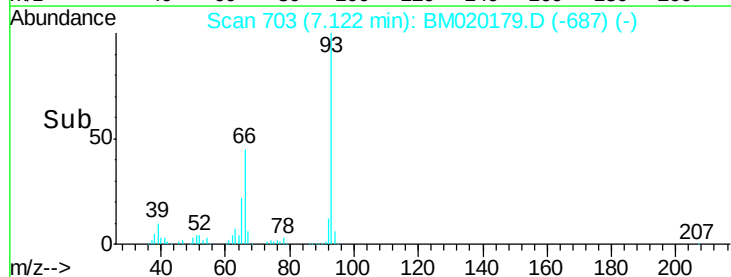
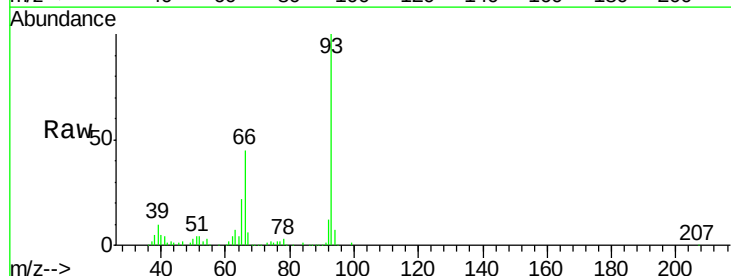
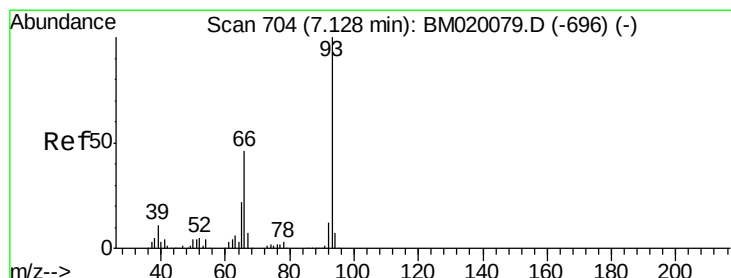
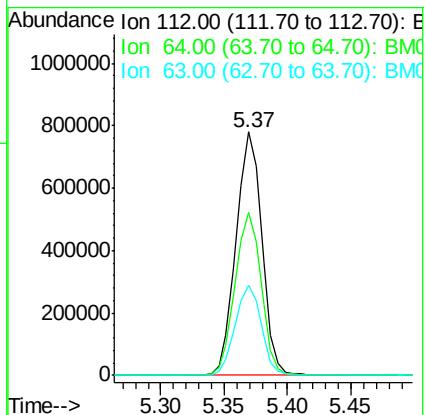
Tot Ion:112 Resp: 1102842

Ion Ratio Lower Upper

112 100

64 67.2 53.8 80.6

63 37.2 32.3 48.5



#6

Aniline

Concen: 20.516 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

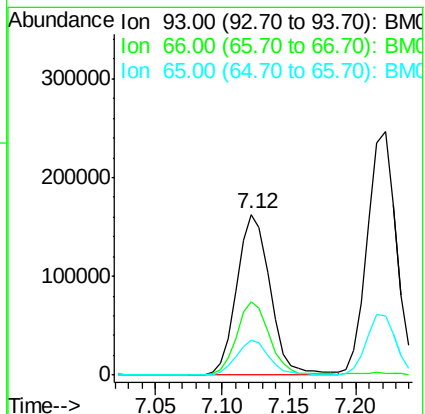
Tgt Ion: 93 Resp: 281793

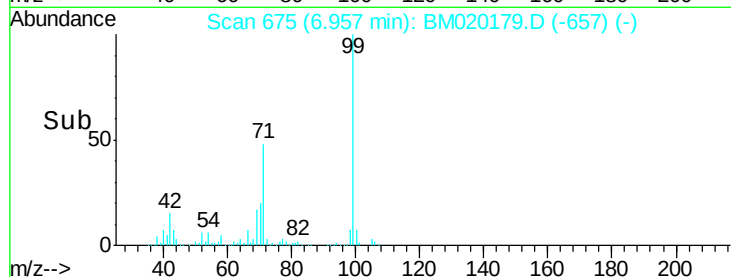
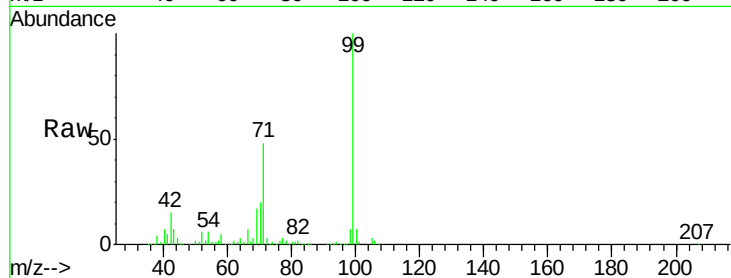
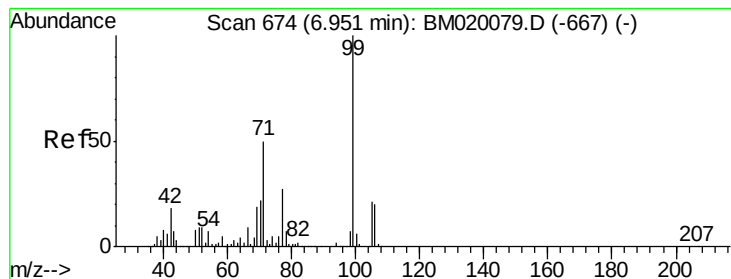
Ion Ratio Lower Upper

93 100

66 45.2 36.6 54.8

65 21.9 17.8 26.6





#7

Phenol-d6

Concen: 138.131 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

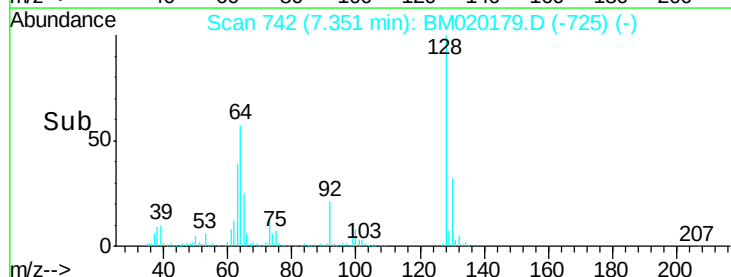
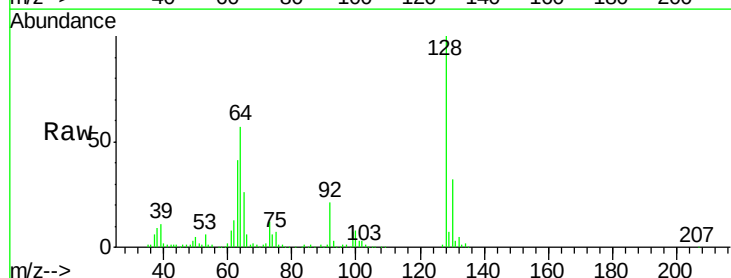
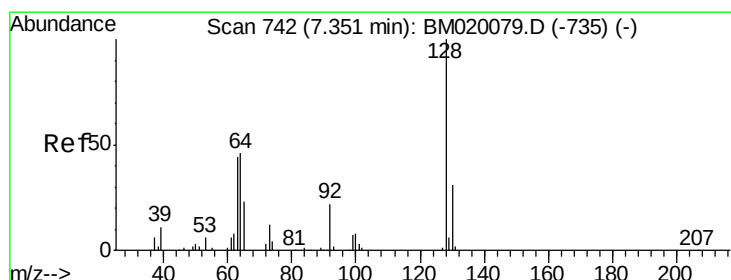
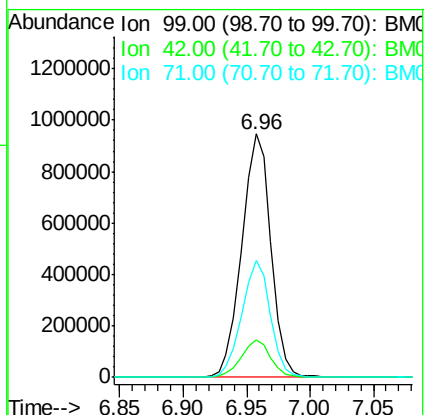
Tot Ion: 99 Resp: 1507211

Ion Ratio Lower Upper

99 100

42 15.5 14.2 21.2

71 47.9 40.3 60.5



#8

2-Chlorophenol

Concen: 40.706 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

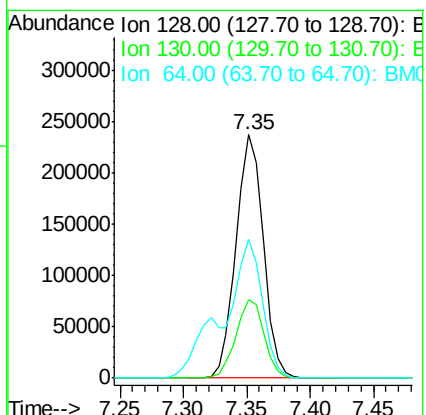
Tgt Ion: 128 Resp: 354008

Ion Ratio Lower Upper

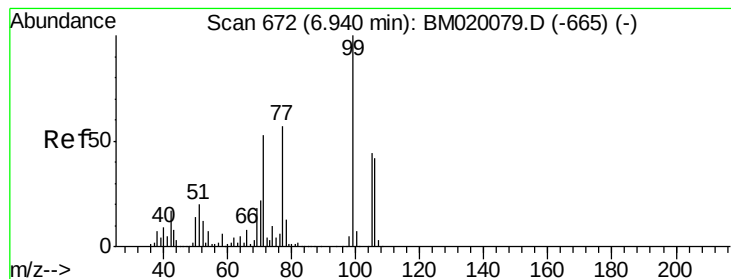
128 100

130 32.3 10.8 50.8

64 56.7 36.5 76.5







#9

Benzaldehyde

Concen: 29.297 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

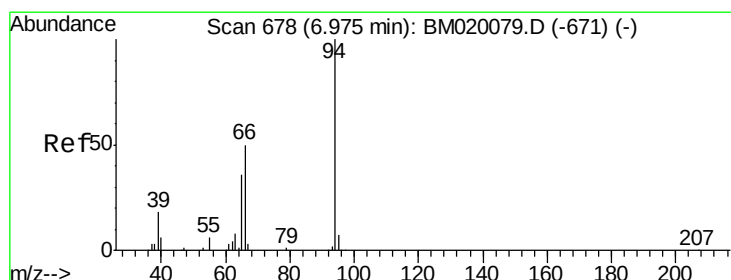
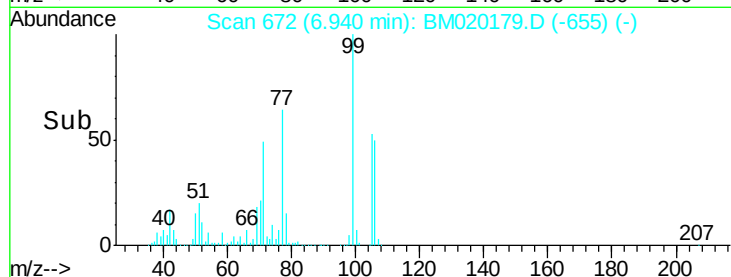
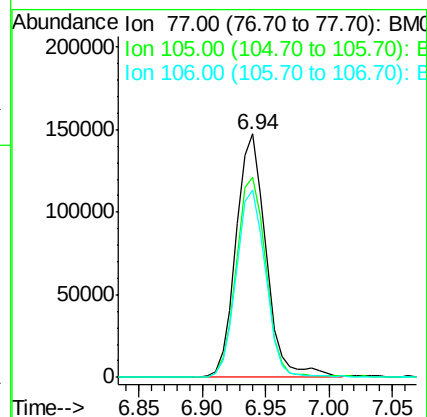
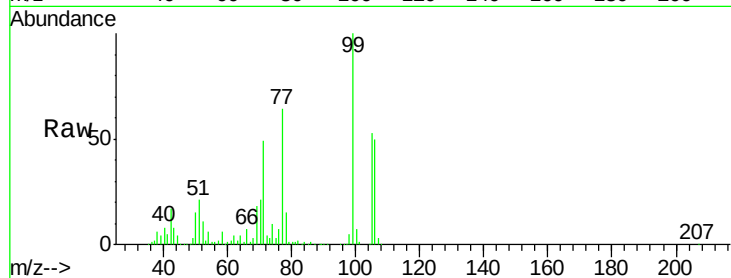
Tot Ion: 77 Resp: 241950

Ion Ratio Lower Upper

77 100

105 82.1 57.8 97.8

106 77.0 53.6 93.6



#10

Phenol

Concen: 42.110 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

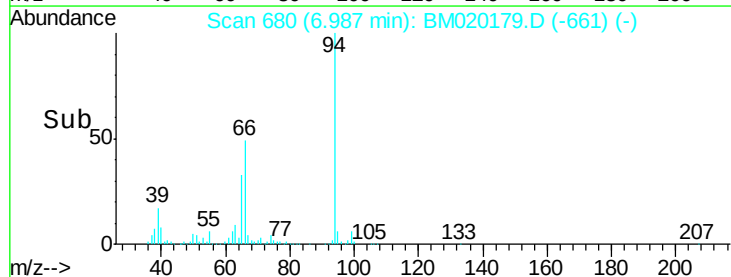
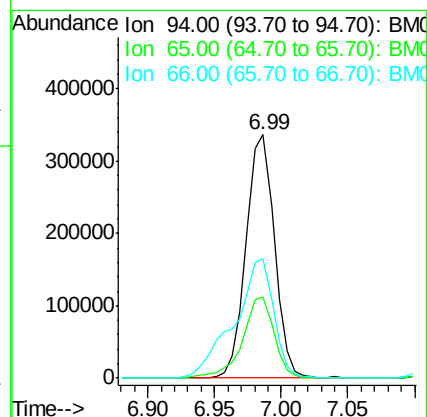
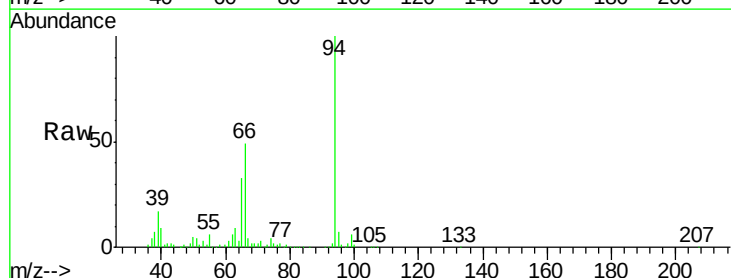
Tgt Ion: 94 Resp: 494646

Ion Ratio Lower Upper

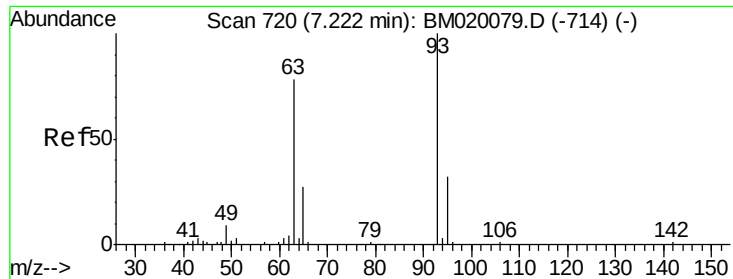
94 100

65 33.1 17.0 57.0

66 49.2 34.5 74.5



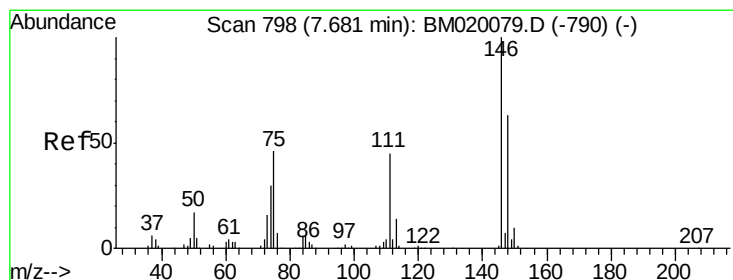
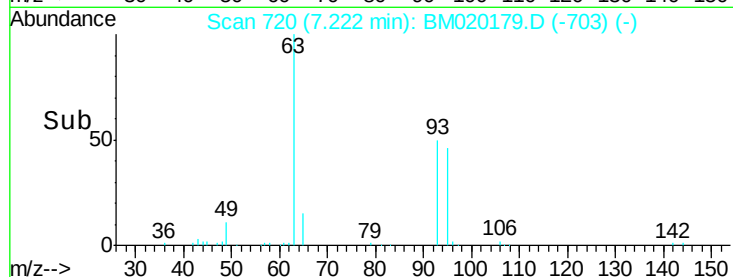
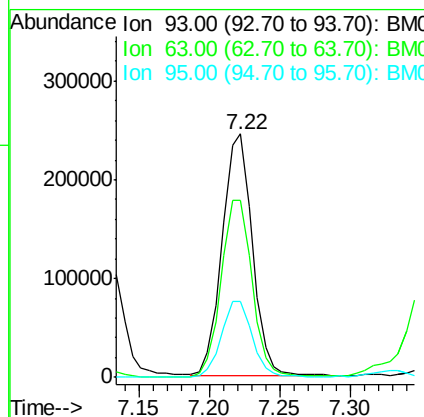
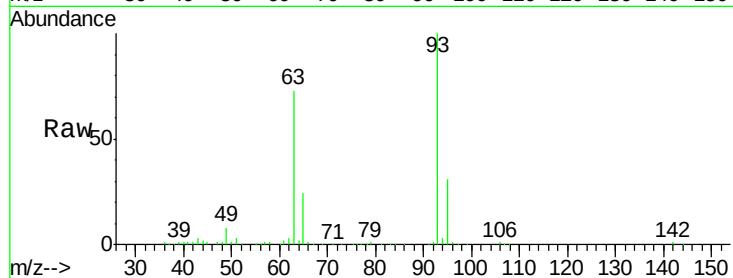




#11  
bis(2-Chloroethyl)ether  
Concen: 42.700 ng  
RT: 7.22 min Scan# 720  
Delta R.T. 0.00 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

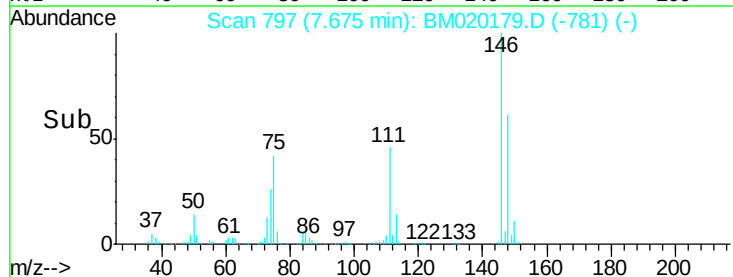
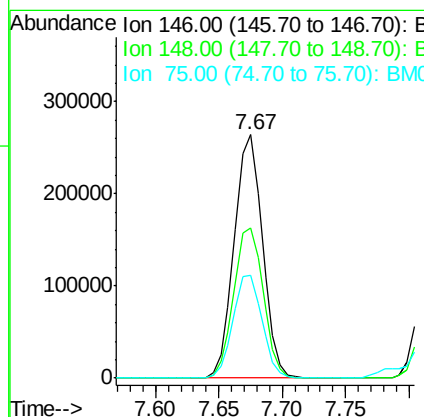
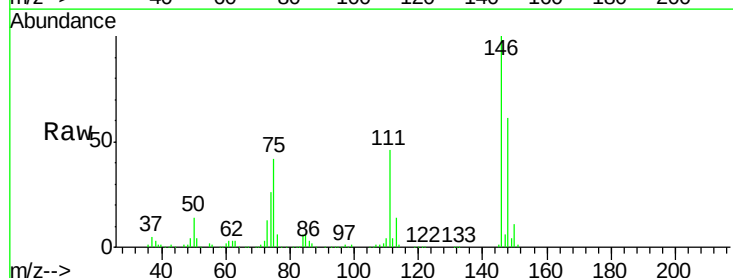
Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

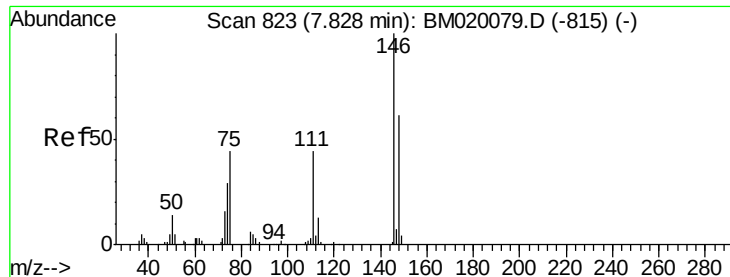
| Tot Ion   | 93    | Resp  | 364558 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 72.7  | 57.9  | 97.9   |
| 95        | 31.4  | 11.3  | 51.3   |



#12  
1,3-Dichlorobenzene  
Concen: 40.372 ng  
RT: 7.67 min Scan# 797  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

| Tgt Ion   | 146   | Resp  | 408504 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.5  | 50.1  | 75.1   |
| 75        | 42.2  | 37.2  | 55.8   |

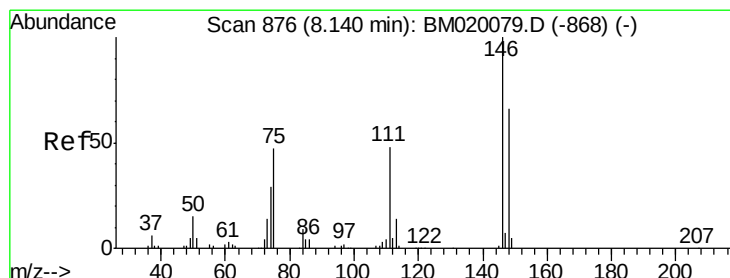
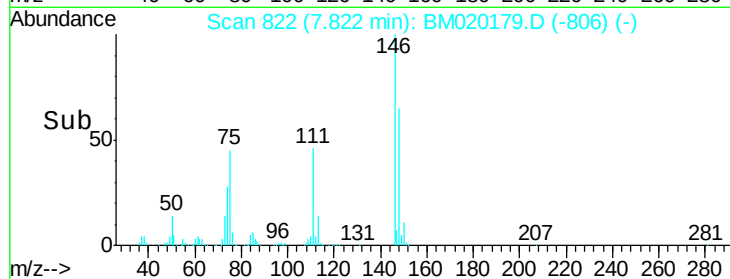
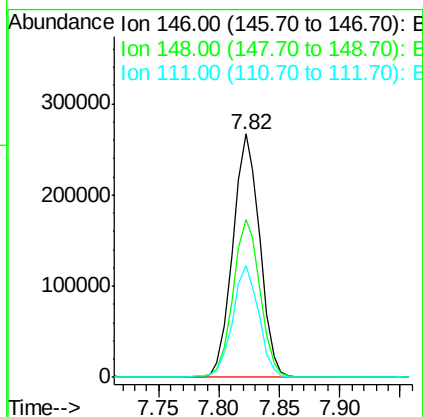
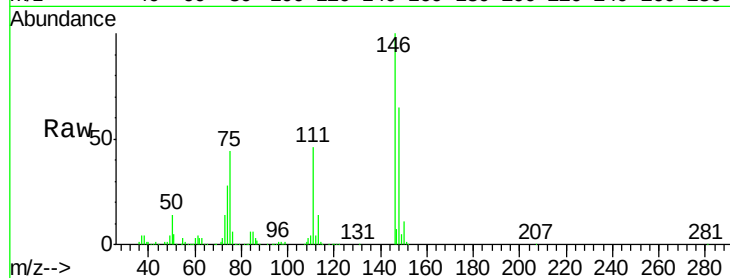




#13  
 1,4-Dichlorobenzene  
 Concen: 40.620 ng  
 RT: 7.82 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

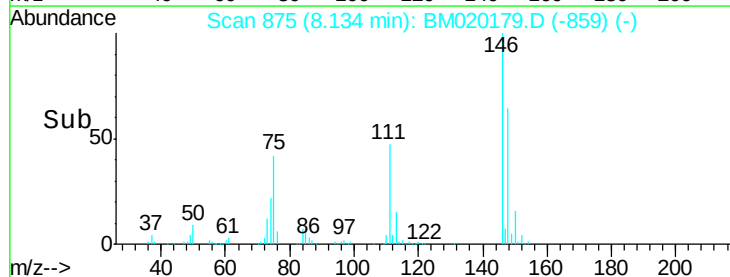
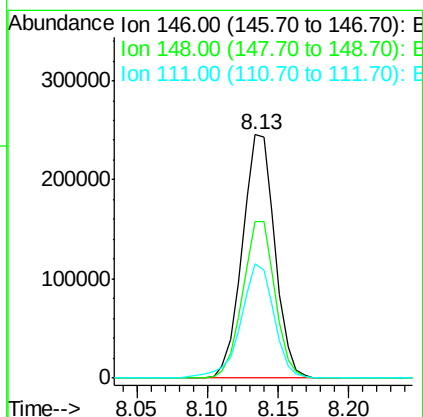
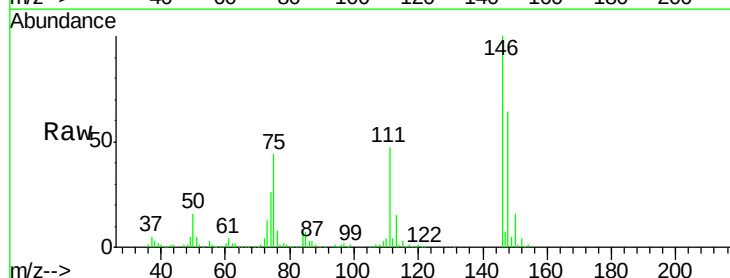
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

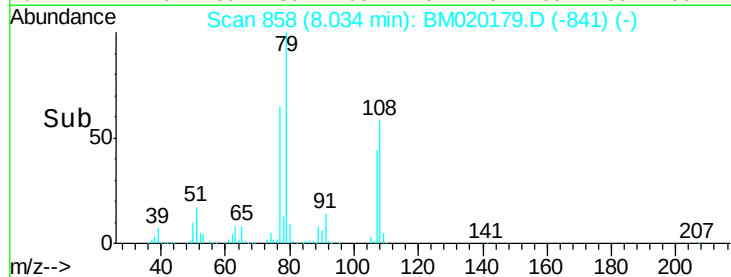
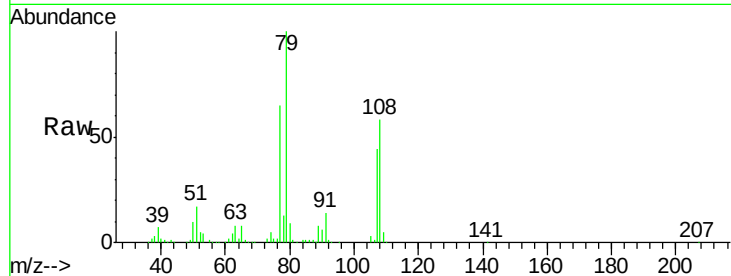
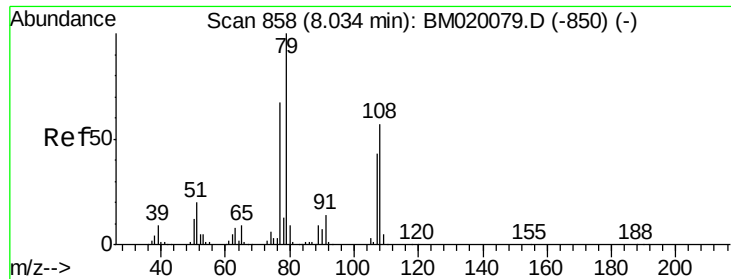
Tot Ion:146 Resp: 415208  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 48.5 72.7  
 111 46.1 35.7 53.5



#14  
 1,2-Dichlorobenzene  
 Concen: 40.592 ng  
 RT: 8.13 min Scan# 875  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Tgt Ion:146 Resp: 395299  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 52.6 79.0  
 111 47.2 39.0 58.4





#15

Benzyl Alcohol

Concen: 39.526 ng

RT: 8.03 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

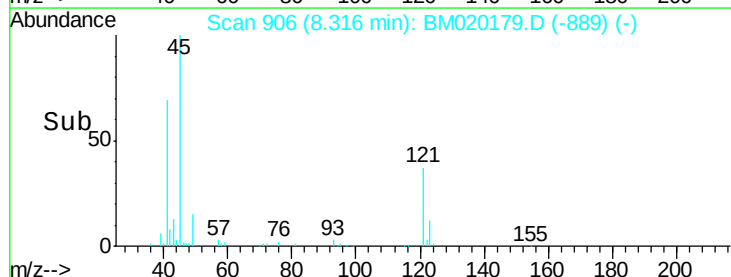
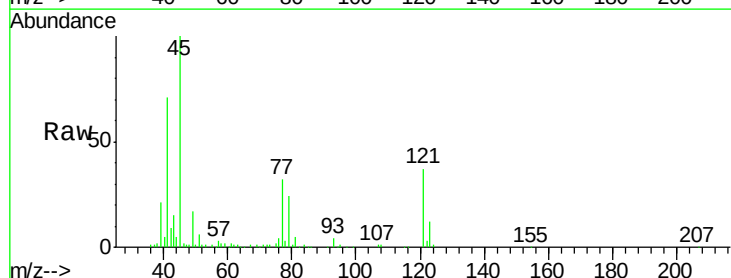
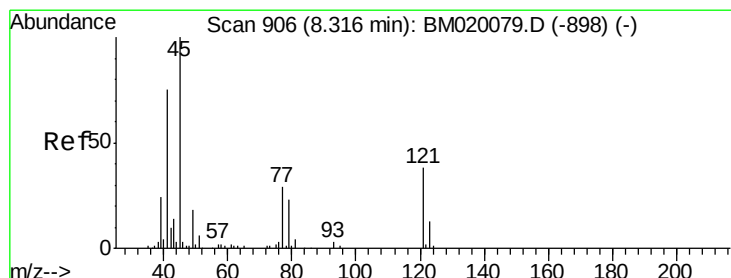
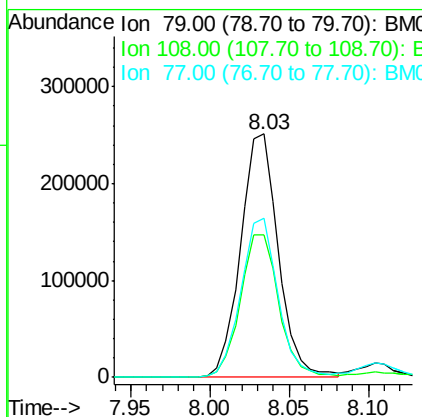
Tot Ion: 79 Resp: 415870

Ion Ratio Lower Upper

79 100

108 58.4 46.0 69.0

77 65.4 53.8 80.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.242 ng

RT: 8.32 min Scan# 906

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

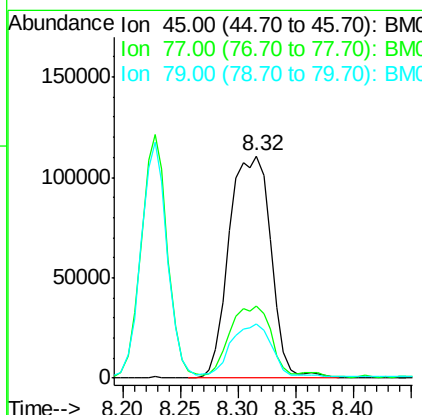
Tgt Ion: 45 Resp: 277808

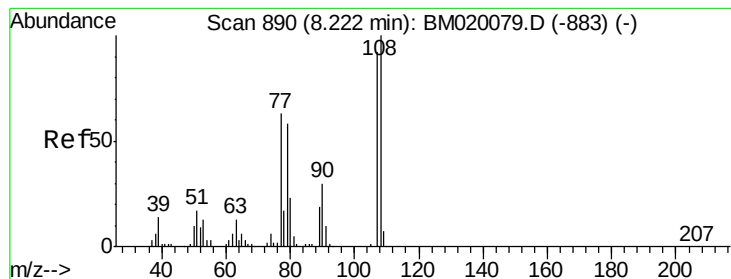
Ion Ratio Lower Upper

45 100

77 32.2 10.5 50.5

79 24.2 3.3 43.3

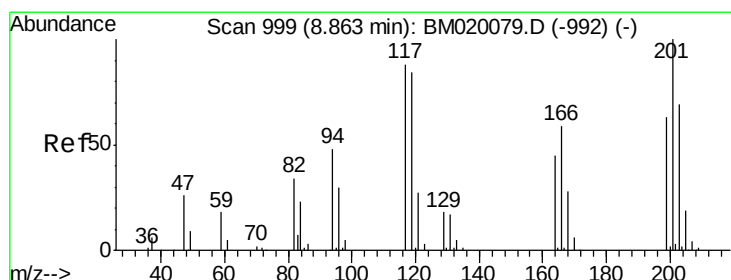
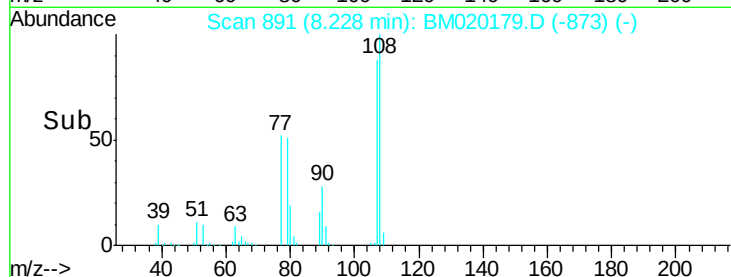
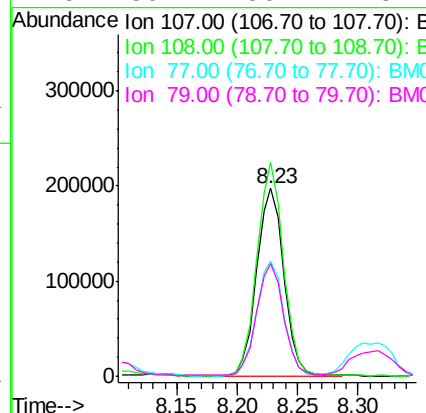
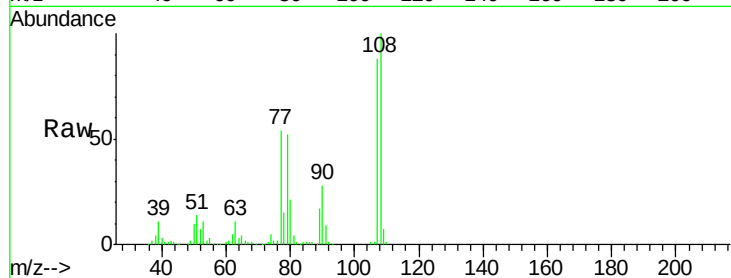




#17  
2-Methylphenol  
Concen: 41.209 ng  
RT: 8.23 min Scan# 891  
Delta R.T. 0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

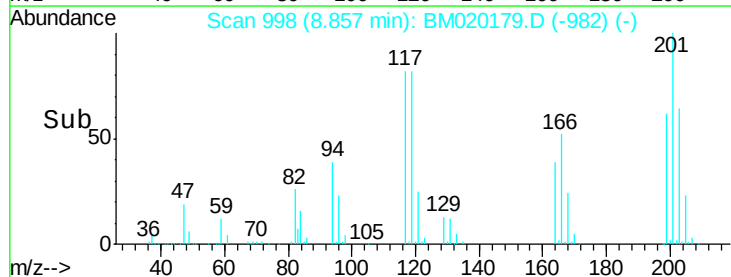
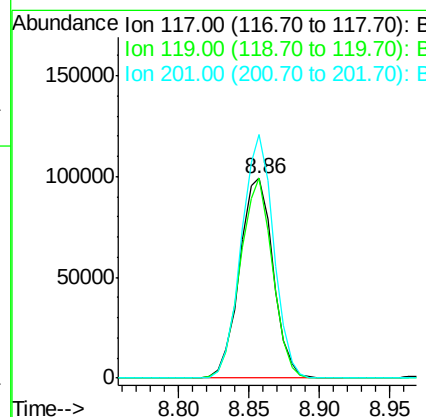
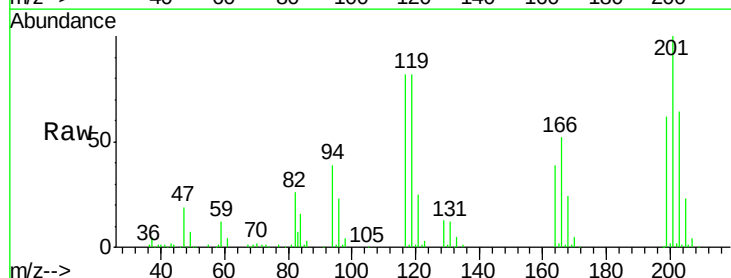
Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

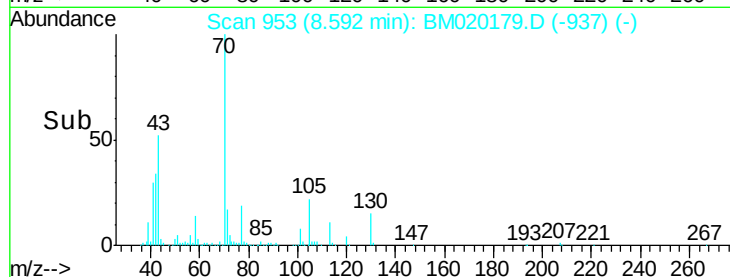
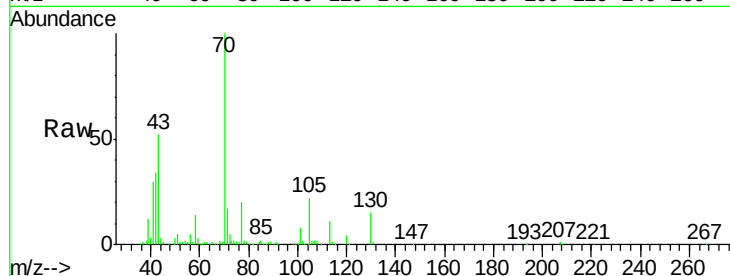
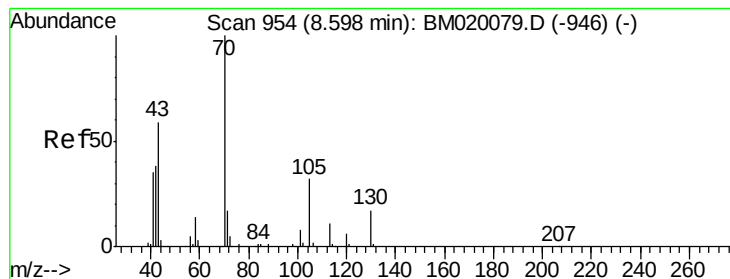
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 311610 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.7 | 87.0  | 130.4  |
| 77       | 61.4  | 54.7  | 82.1   |
| 79       | 59.7  | 50.1  | 75.1   |



#18  
Hexachloroethane  
Concen: 38.514 ng  
RT: 8.86 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 164149 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.9  | 76.6  | 114.8  |
| 201      | 121.9 | 90.7  | 136.1  |





#19

n-Nitroso-di-n-propylamine

Concen: 37.879 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

Tot Ion: 70 Resp: 353616

Ion Ratio Lower Upper

70 100

42 33.9 31.0 46.4

101 8.1 6.2 9.2

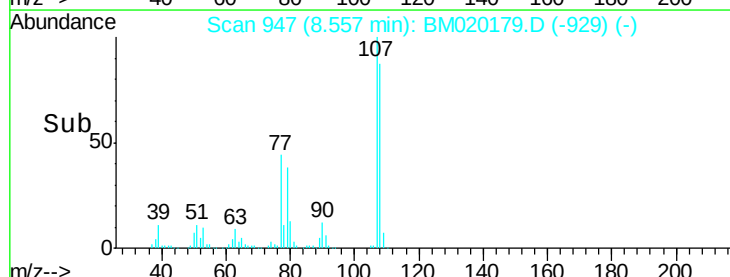
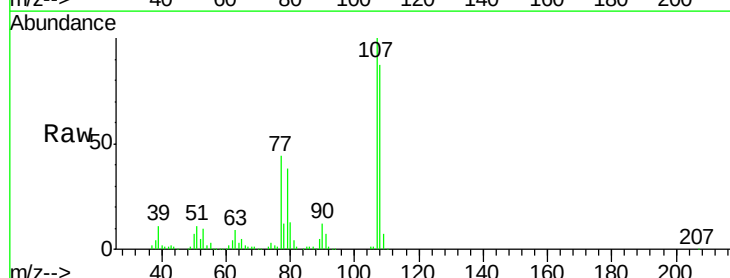
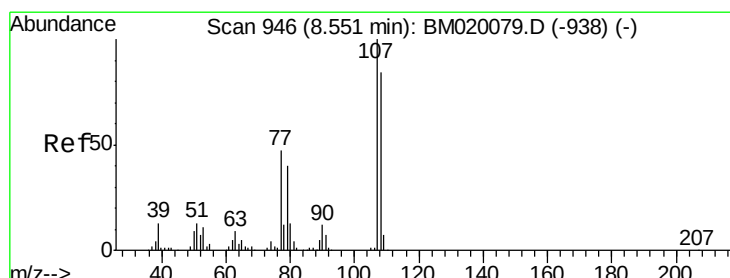
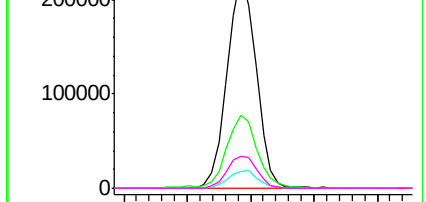
130 15.3 13.5 20.3

Abundance Ion 70.00 (69.70 to 70.70): BM020179.D (-937) (-)

Ion 42.00 (41.70 to 42.70): BM020179.D (-937) (-)

Ion 101.00 (100.70 to 101.70): BM020179.D (-937) (-)

Ion 130.00 (129.70 to 130.70): BM020179.D (-937) (-)



#20

3+4-Methylphenols

Concen: 41.316 ng

RT: 8.56 min Scan# 947

Delta R.T. 0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Tgt Ion: 107 Resp: 415213

Ion Ratio Lower Upper

107 100

108 87.3 64.4 104.4

77 44.1 27.2 67.2

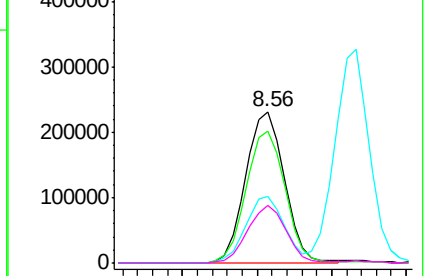
79 38.4 19.6 59.6

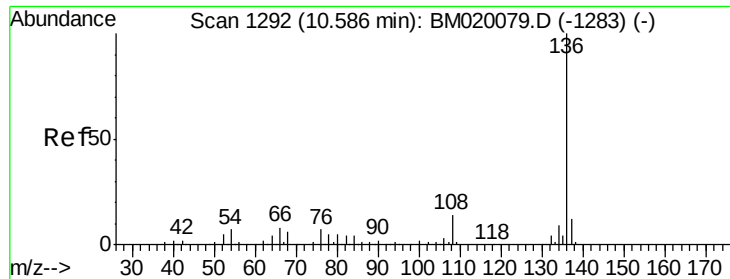
Abundance Ion 107.00 (106.70 to 107.70): BM020179.D (-929) (-)

Ion 108.00 (107.70 to 108.70): BM020179.D (-929) (-)

Ion 77.00 (76.70 to 77.70): BM020179.D (-929) (-)

Ion 79.00 (78.70 to 79.70): BM020179.D (-929) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

Tot Ion:136 Resp: 464331

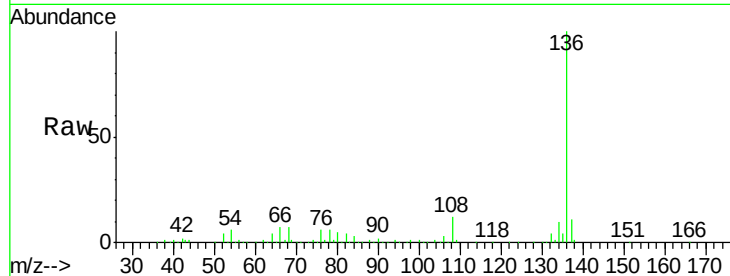
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 6.0 5.5 8.3

68 6.5 4.6 6.8

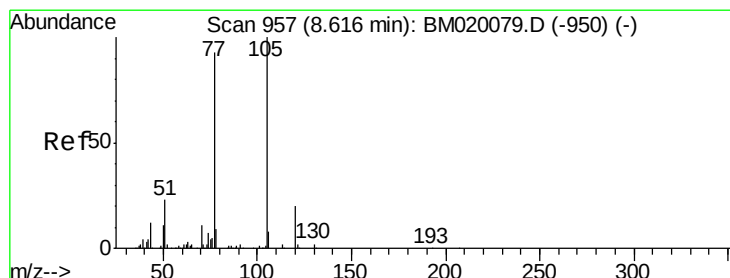
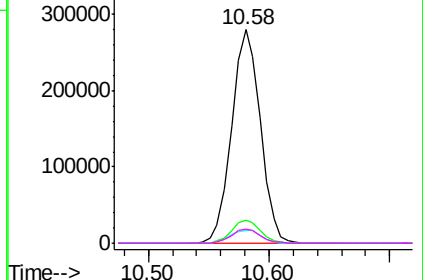
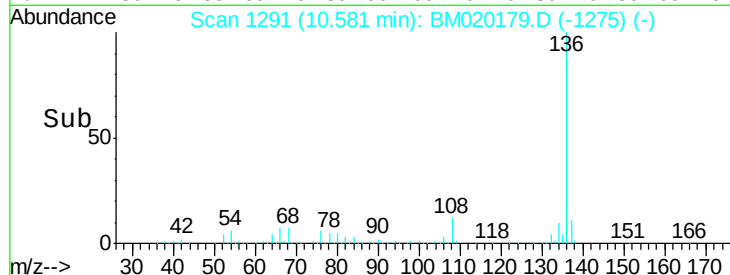


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 44.998 ng

RT: 8.62 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Tgt Ion:105 Resp: 571034

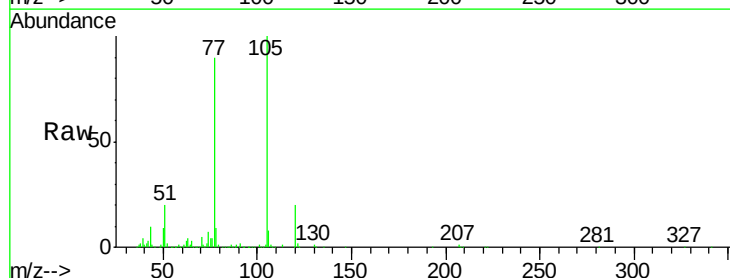
Ion Ratio Lower Upper

105 100

71 0.8 2.2 3.2#

51 20.0 19.3 28.9

120 19.7 16.2 24.4

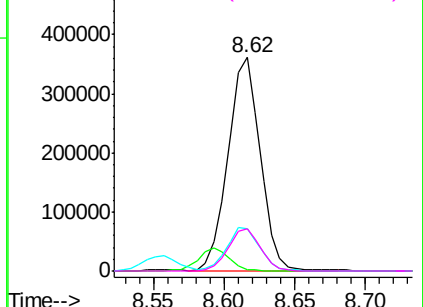
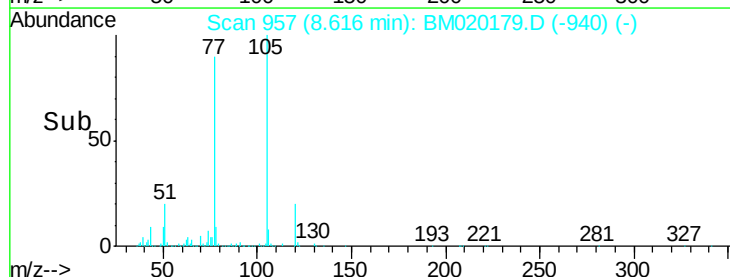


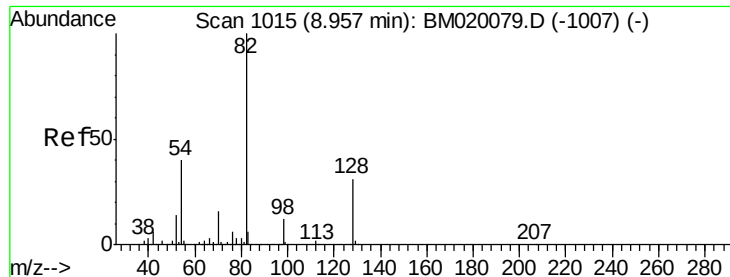
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

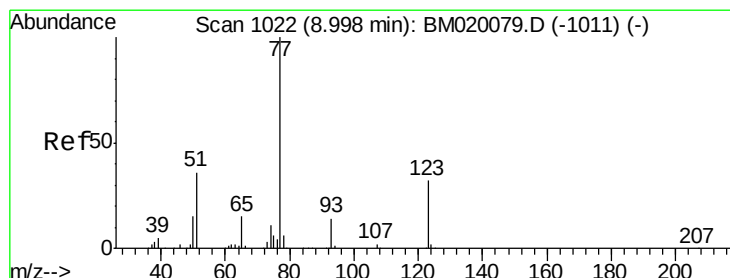
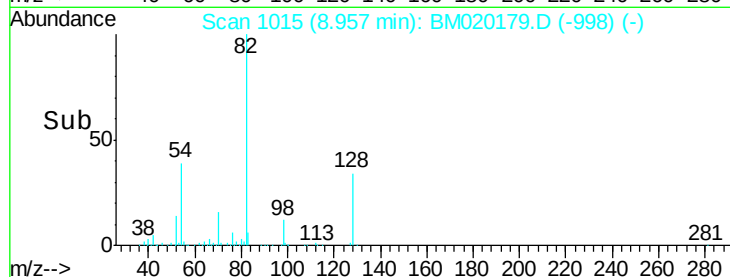
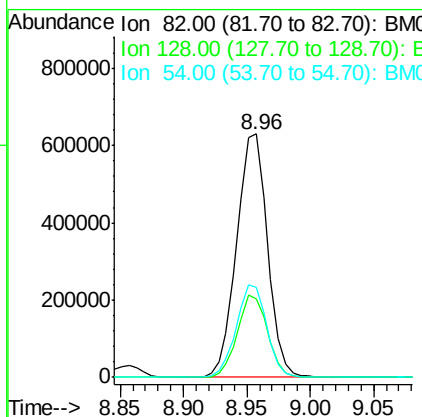
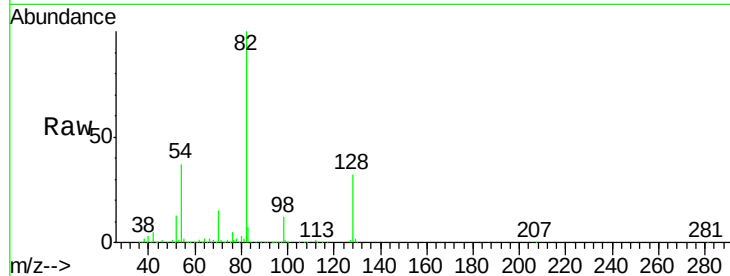




#23  
 Nitrobenzene-d5  
 Concen: 90.759 ng  
 RT: 8.96 min Scan# 1015  
 Delta R.T. 0.00 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

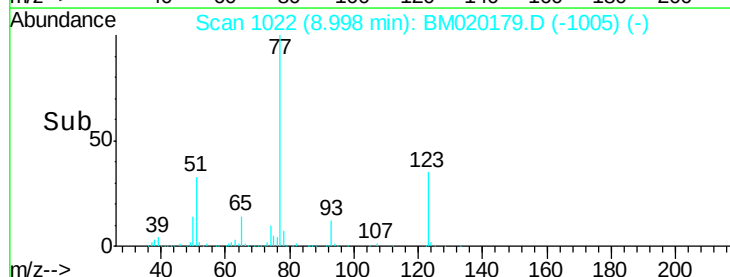
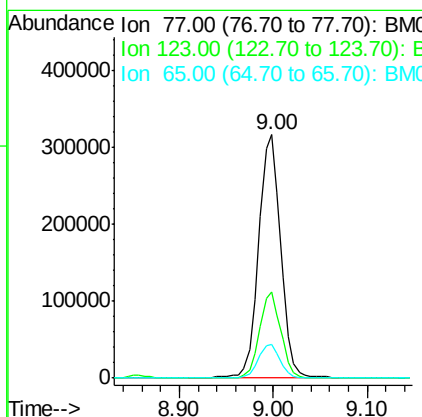
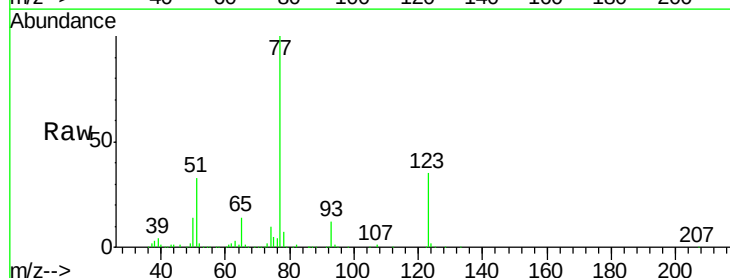
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

Tot Ion: 82 Resp: 1067428  
 Ion Ratio Lower Upper  
 82 100  
 128 32.2 25.2 37.8  
 54 37.0 31.9 47.9

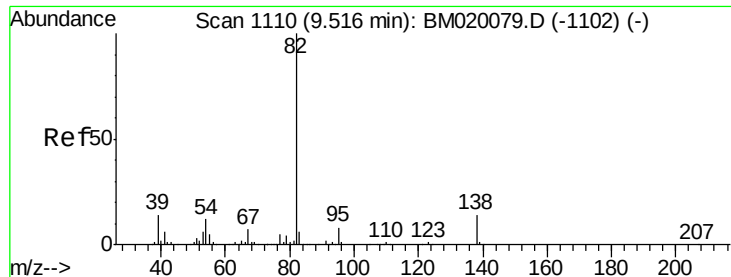


#24  
 Nitrobenzene  
 Concen: 41.796 ng  
 RT: 9.00 min Scan# 1022  
 Delta R.T. 0.00 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Tgt Ion: 77 Resp: 509679  
 Ion Ratio Lower Upper  
 77 100  
 123 35.2 25.5 38.3  
 65 13.9 11.8 17.6







#25

Isophorone

Concen: 42.655 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

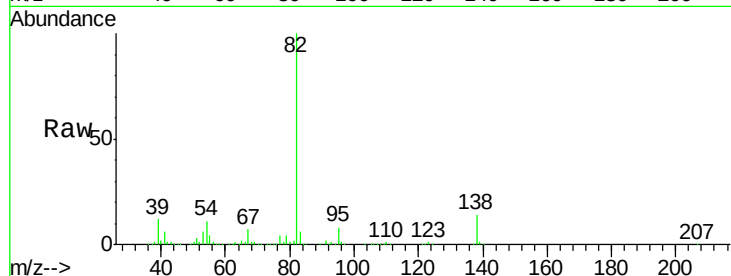
Tot Ion: 82 Resp: 865123

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 14.4 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020179.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020179.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020179.D (-1102) (-)

600000

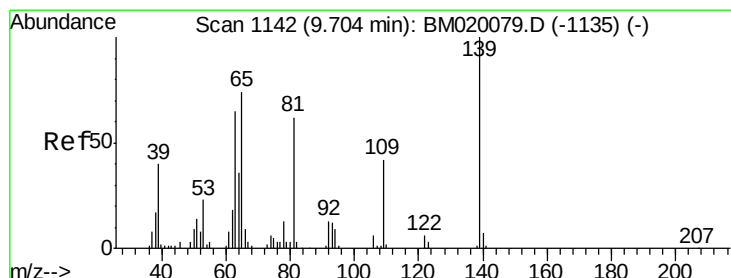
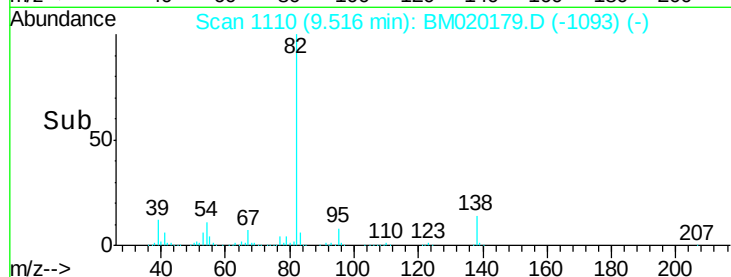
400000

200000

0

9.45 9.50 9.55 9.60

Time-->



#26

2-Nitrophenol

Concen: 52.791 ng

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

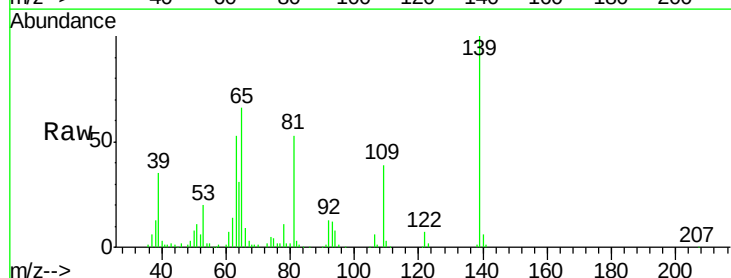
Tgt Ion: 139 Resp: 194350

Ion Ratio Lower Upper

139 100

109 39.0 33.7 50.5

65 65.6 59.5 89.3



Abundance Ion 139.00 (138.70 to 139.70): BM020179.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020179.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020179.D (-1135) (-)

150000

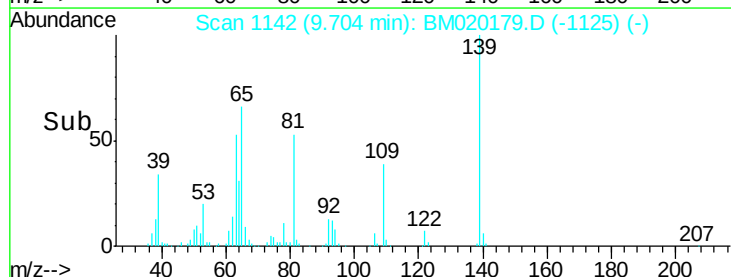
100000

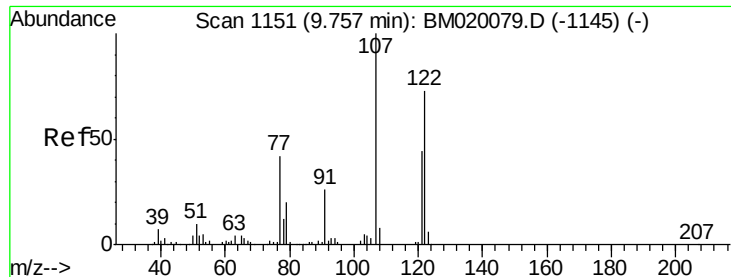
50000

0

9.60 9.65 9.70 9.75 9.80

Time-->

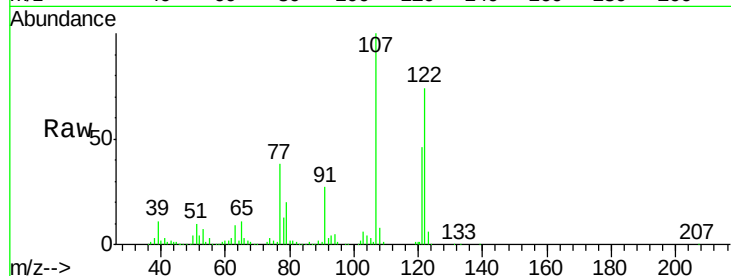




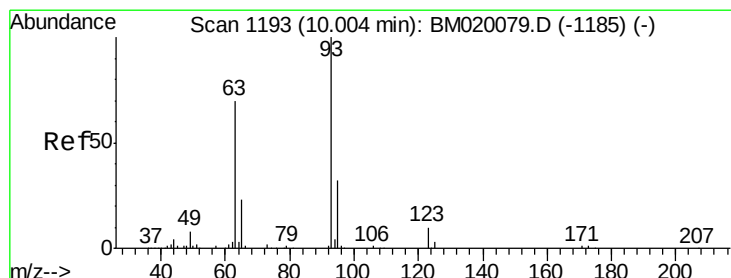
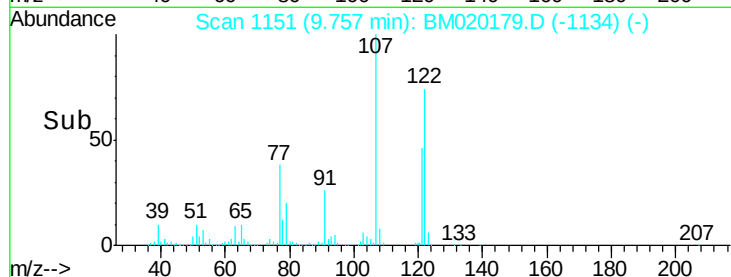
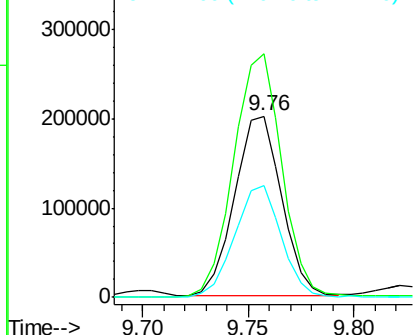
#27  
 2,4-Dimethylphenol  
 Concen: 50.432 ng  
 RT: 9.76 min Scan# 1151  
 Delta R.T. 0.00 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 134.2 | 108.6 | 162.8 |
| 121     | 61.3  | 47.4  | 71.2  |

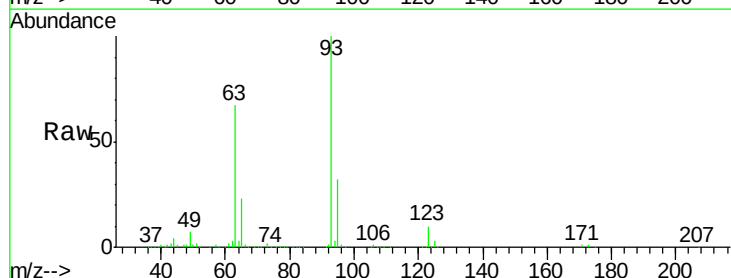


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

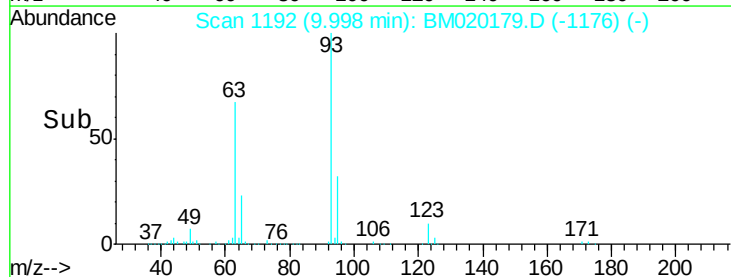
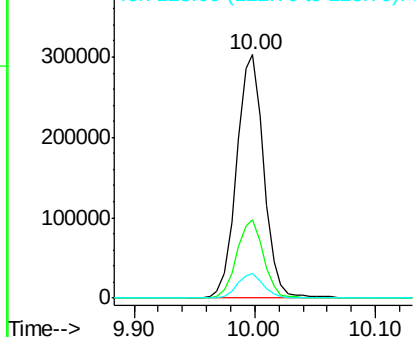


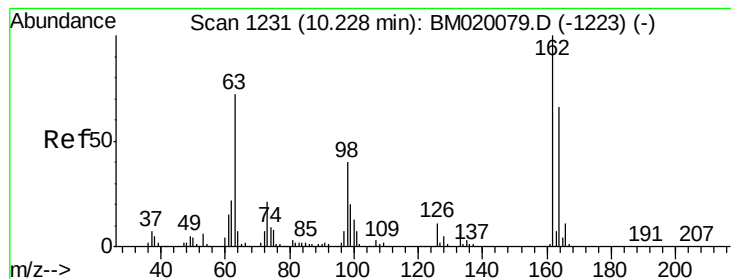
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.008 ng  
 RT: 10.00 min Scan# 1192  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.0  | 25.5  | 38.3  |
| 123     | 10.4  | 7.6   | 11.4  |



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





#29

2,4-Dichlorophenol

Concen: 45.175 ng

RT: 10.23 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

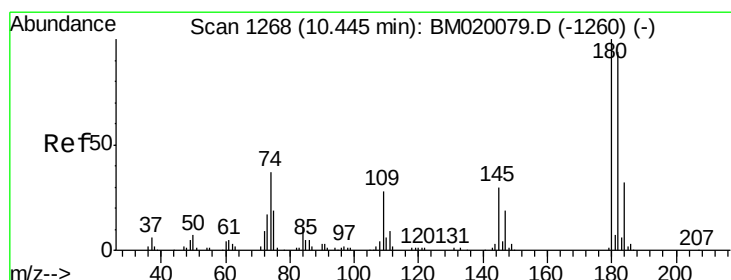
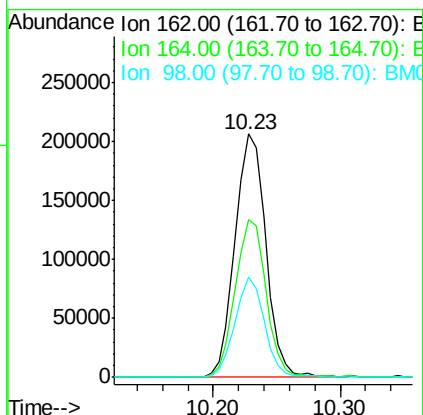
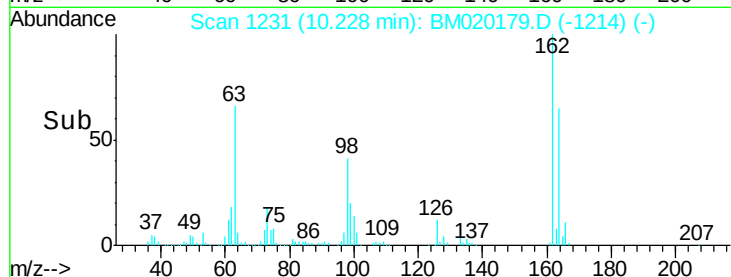
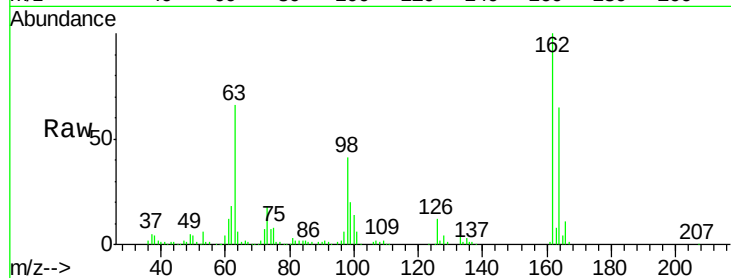
Tot Ion:162 Resp: 349141

Ion Ratio Lower Upper

162 100

164 64.9 45.6 85.6

98 41.3 20.4 60.4



#30

1,2,4-Trichlorobenzene

Concen: 44.087 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

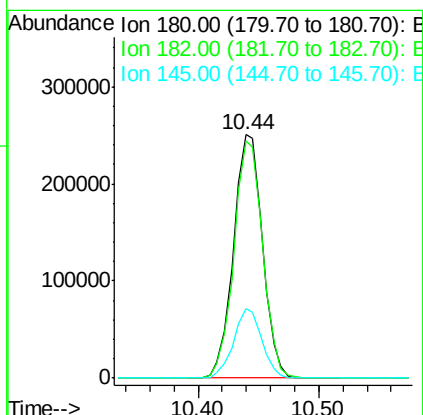
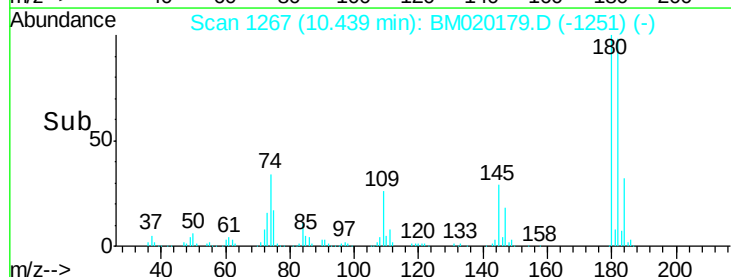
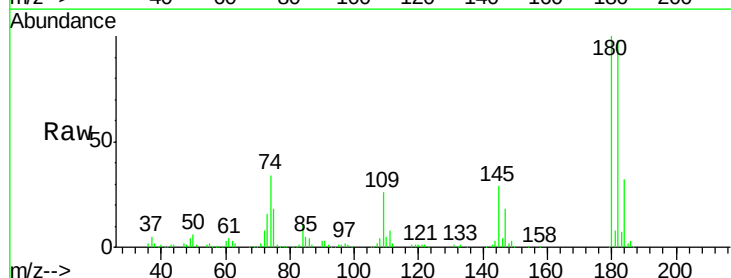
Tgt Ion:180 Resp: 419258

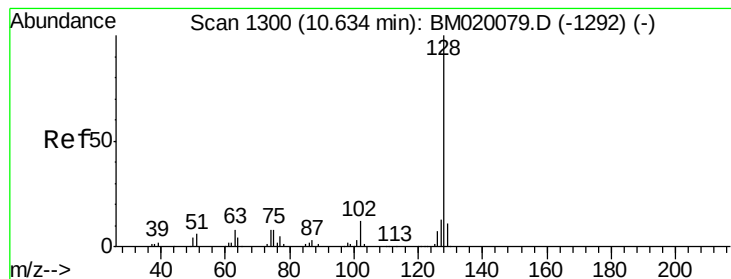
Ion Ratio Lower Upper

180 100

182 97.7 75.4 113.0

145 28.7 23.8 35.8





#31

Naphthalene

Concen: 43.120 ng

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

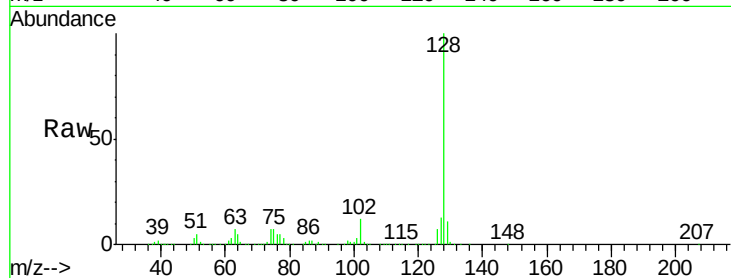
Tot Ion:128 Resp: 1039014

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

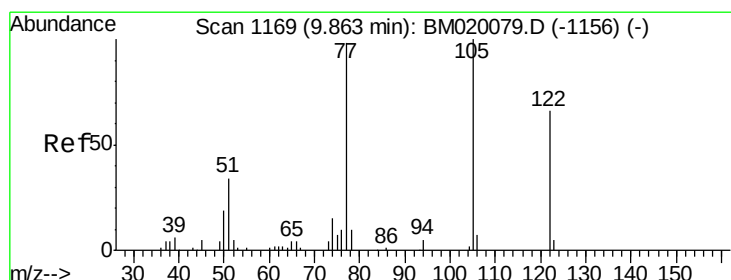
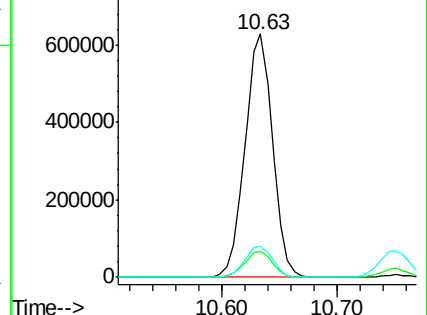
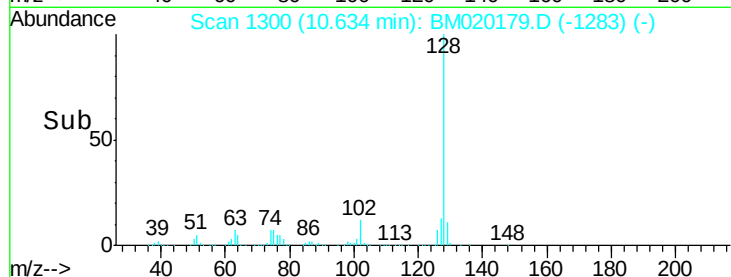
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.860 ng

RT: 9.82 min Scan# 1162

Delta R.T. -0.04 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

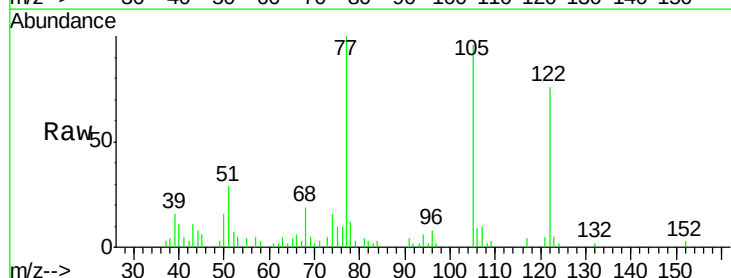
Tgt Ion:122 Resp: 26546

Ion Ratio Lower Upper

122 100

105 127.1 122.5 162.5

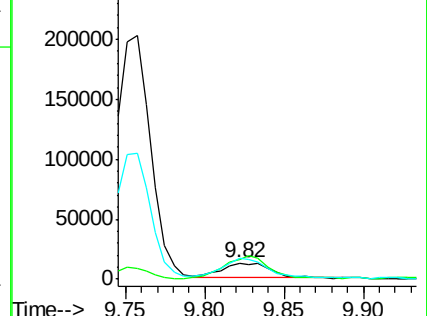
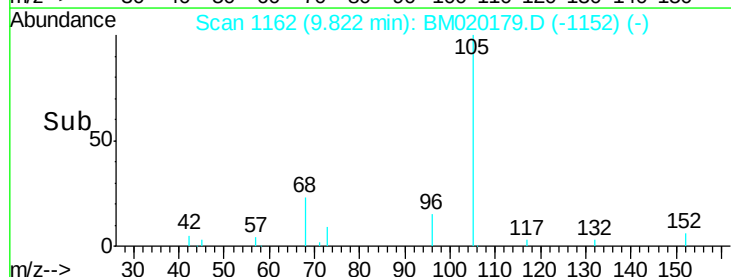
77 131.9 123.3 163.3

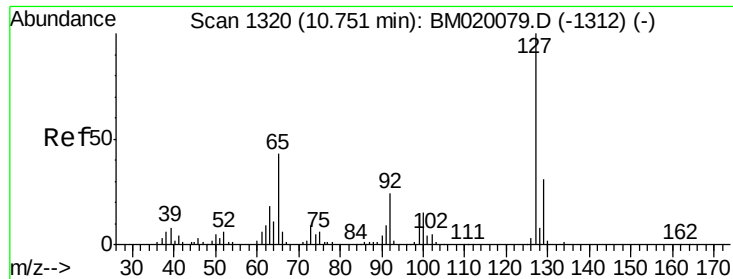


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

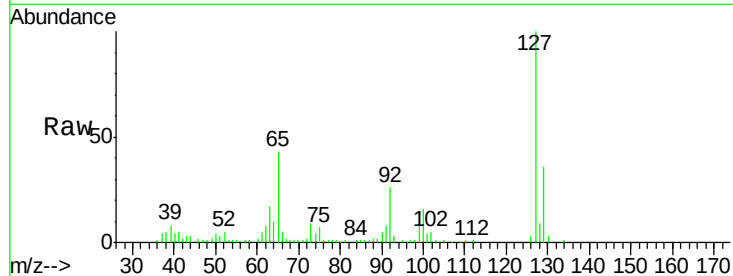




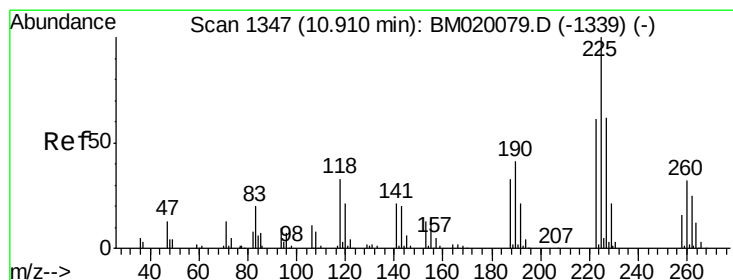
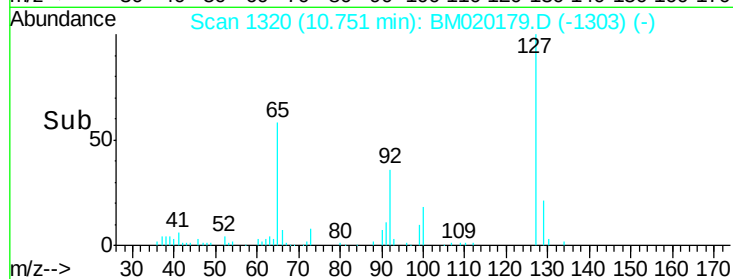
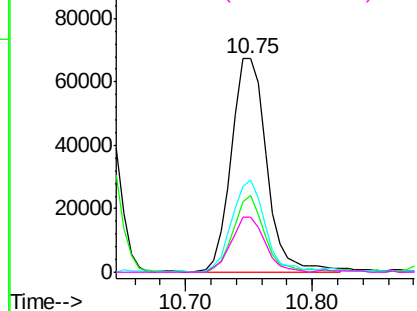
#33  
4-Chloroaniline  
Concen: 13.189 ng  
RT: 10.75 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 130802 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 35.7  | 24.7  | 37.1   |
| 65       | 43.2  | 34.6  | 52.0   |
| 92       | 25.8  | 19.5  | 29.3   |

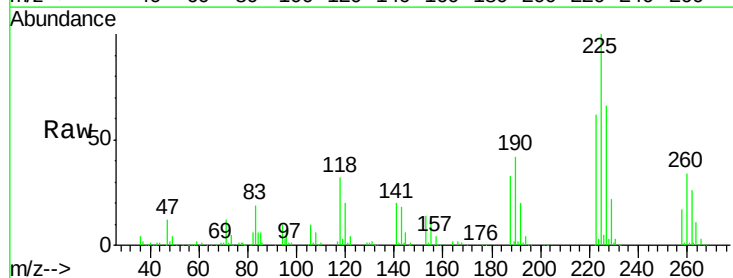


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

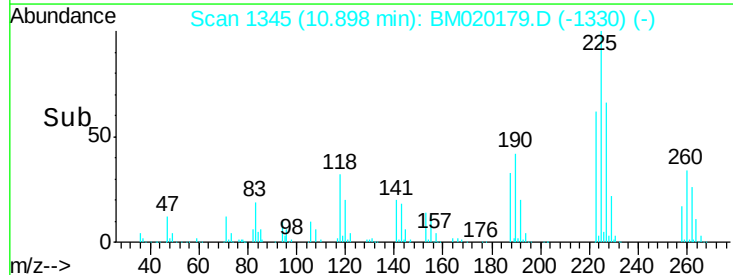
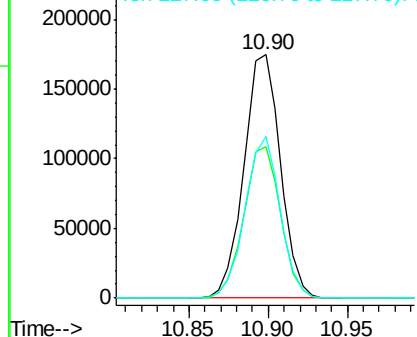


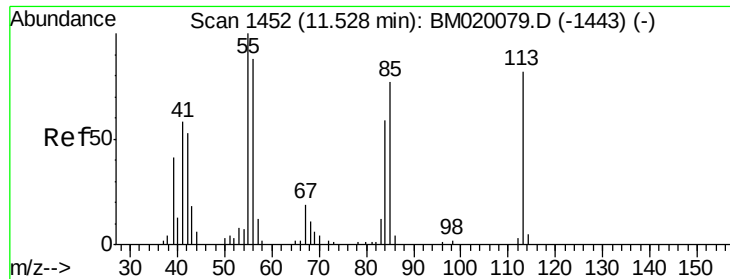
#34  
Hexachlorobutadiene  
Concen: 41.554 ng  
RT: 10.90 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 279543 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 48.9  | 73.3   |
| 227      | 66.4  | 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: 36.899 ng

RT: 11.55 min Scan# 1456

Delta R.T. 0.02 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

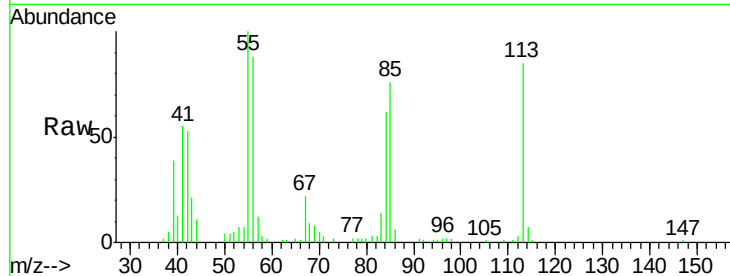
Tot Ion:113 Resp: 85271

Ion Ratio Lower Upper

113 100

55 117.2 102.5 142.5

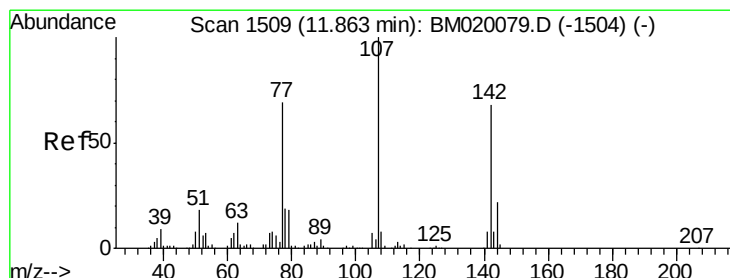
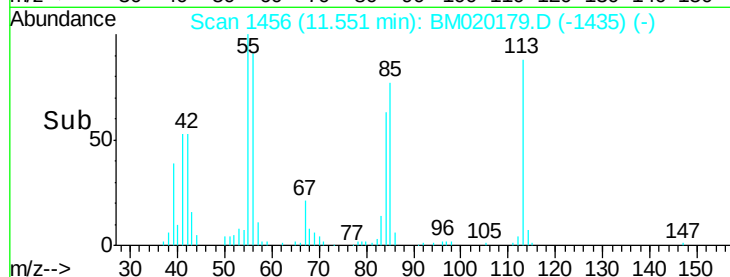
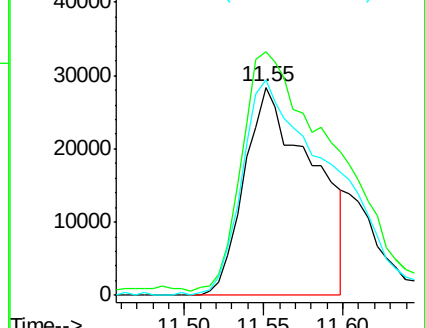
56 103.4 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.981 ng

RT: 11.87 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

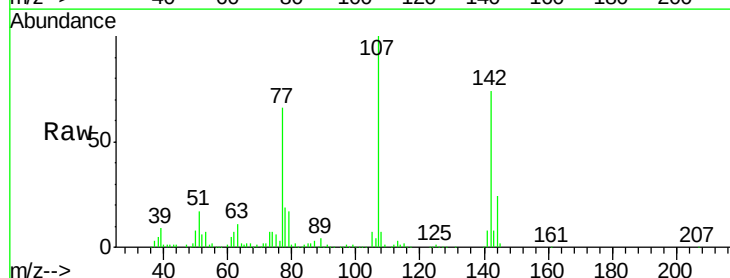
Tgt Ion:107 Resp: 381279

Ion Ratio Lower Upper

107 100

144 24.3 17.6 26.4

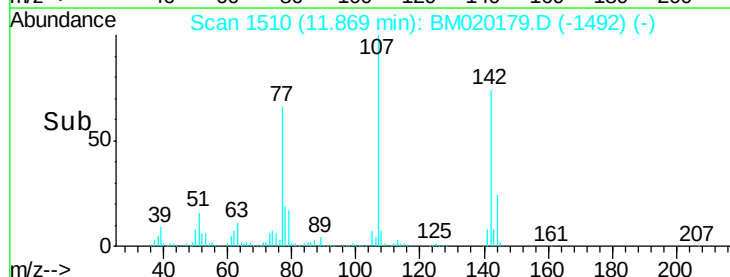
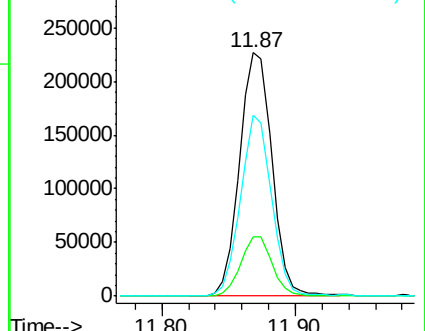
142 74.1 54.6 82.0

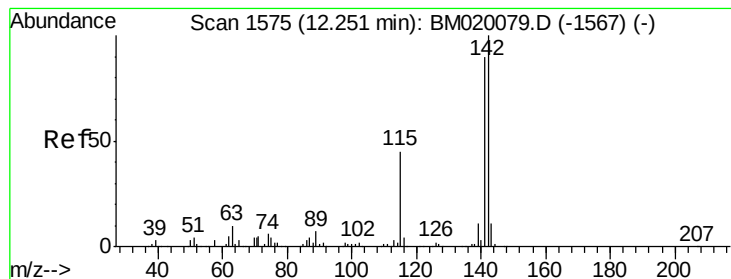


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.845 ng

RT: 12.25 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

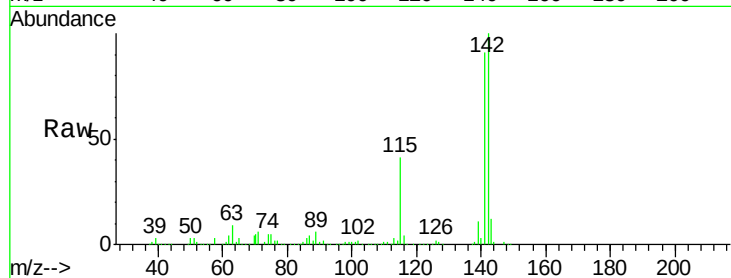
Tot Ion:142 Resp: 770209

Ion Ratio Lower Upper

142 100

141 90.6 71.6 107.4

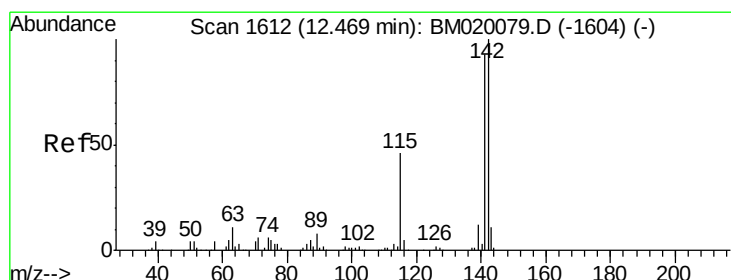
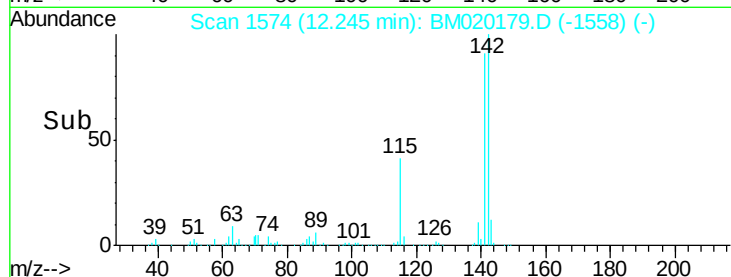
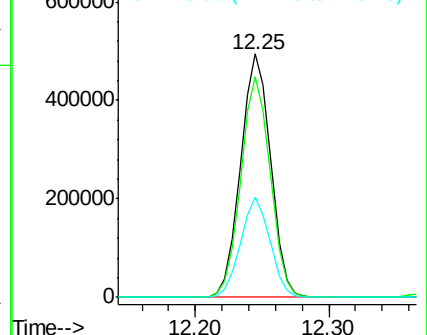
115 41.4 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.157 ng

RT: 12.47 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

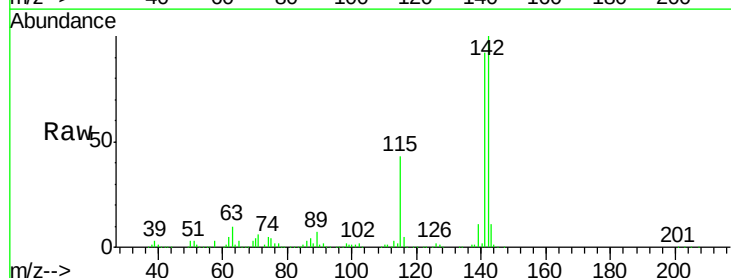
Tgt Ion:142 Resp: 724172

Ion Ratio Lower Upper

142 100

141 92.0 74.8 112.2

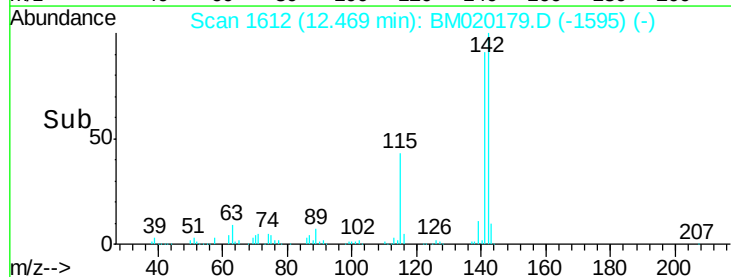
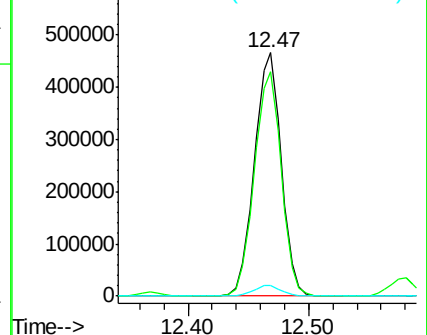
116 4.6 3.9 5.9

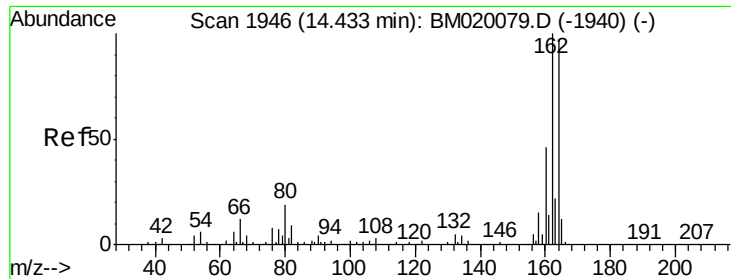


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

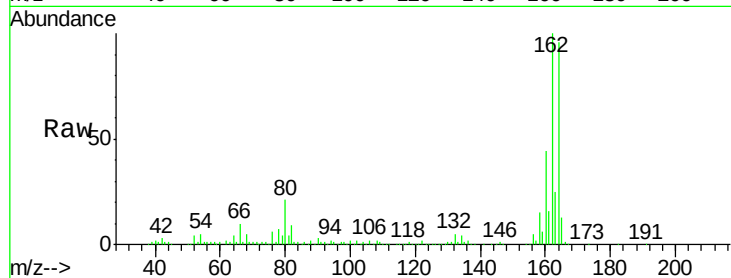
Tot Ion:164 Resp: 265411

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.2

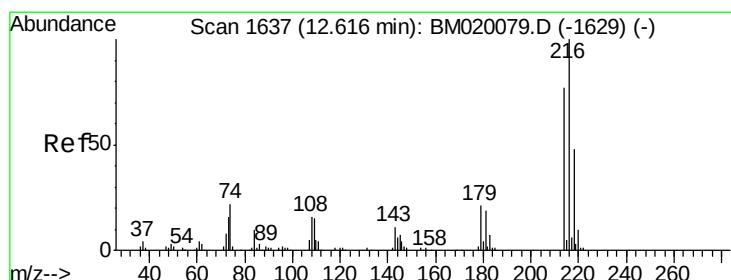
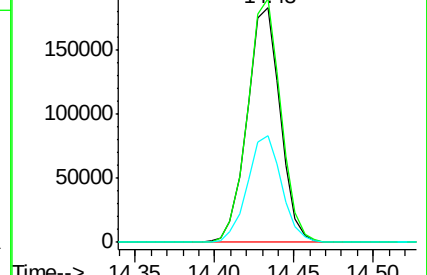
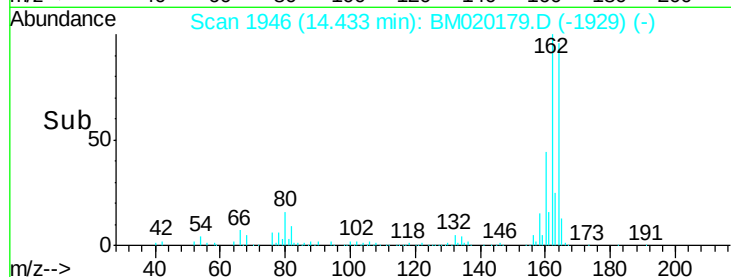
160 45.6 37.6 56.4



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: 45.780 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Tgt Ion:216 Resp: 475370

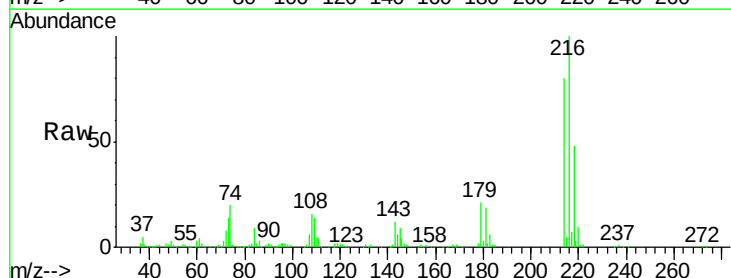
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 20.2 17.1 25.7

108 19.8 15.8 23.6

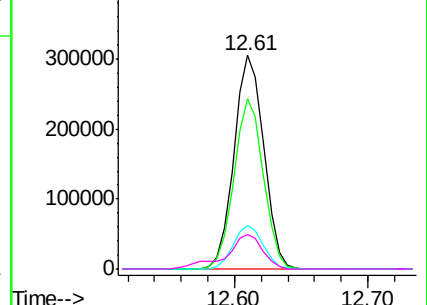
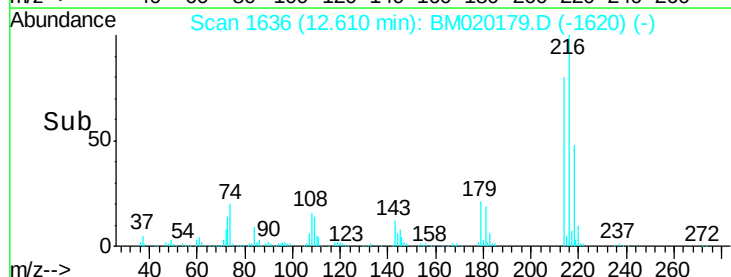


Abundance Ion 216.00 (215.70 to 216.70): E

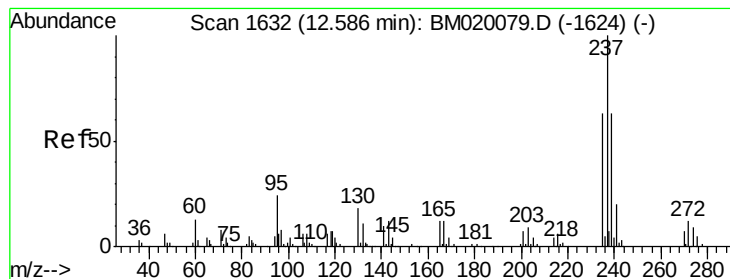
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 78.212 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

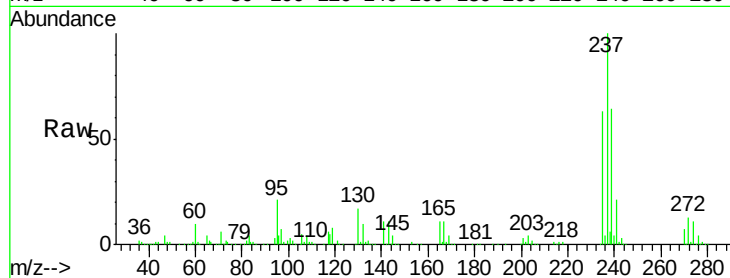
Tot Ion:237 Resp: 478195

Ion Ratio Lower Upper

237 100

235 62.5 43.4 83.4

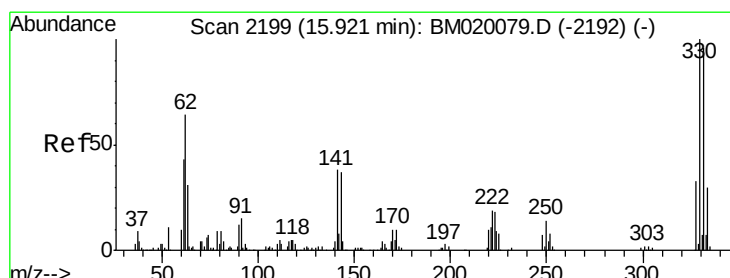
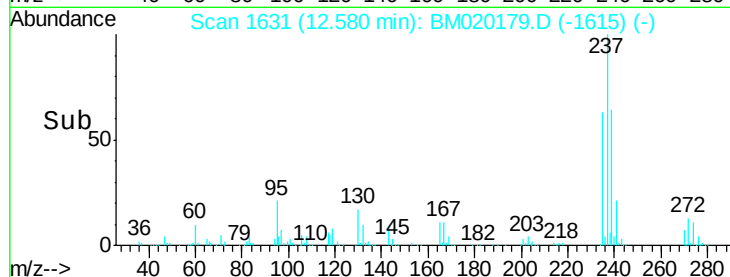
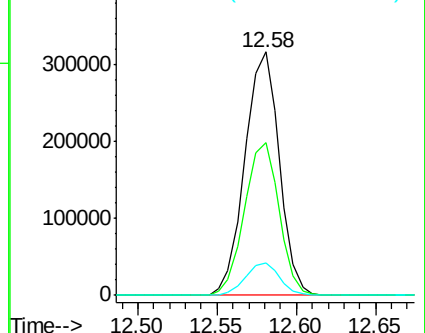
272 13.4 0.0 31.7



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: 153.685 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

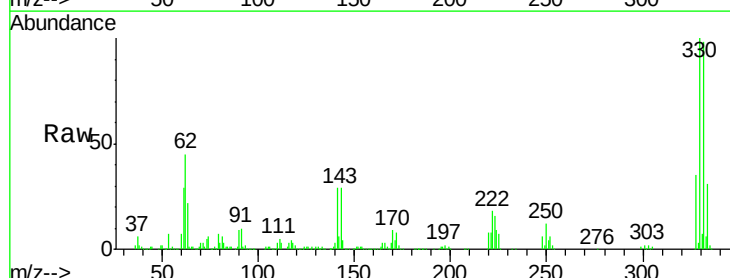
Tgt Ion:330 Resp: 633132

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

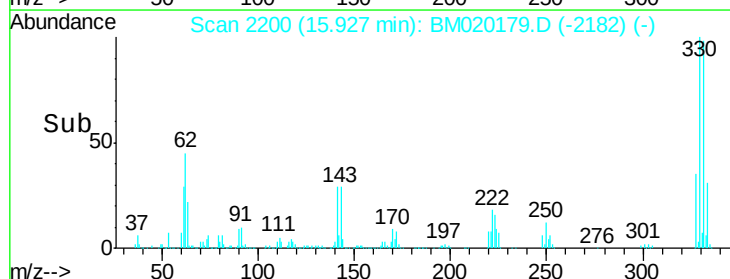
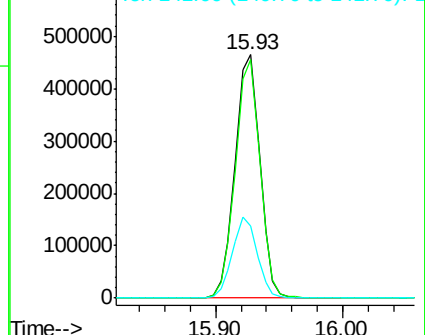
141 32.7 29.2 43.8

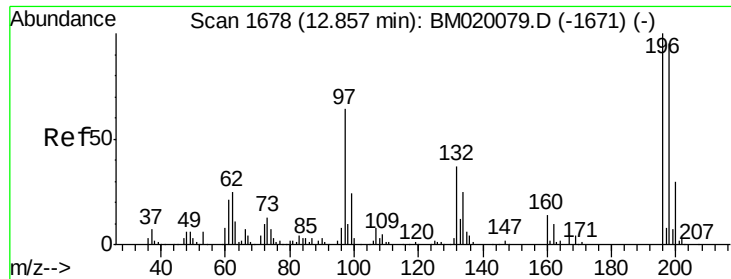


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

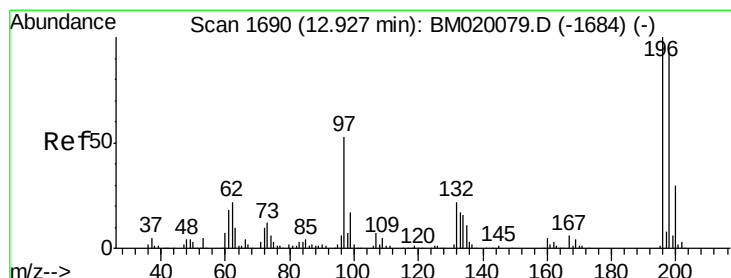
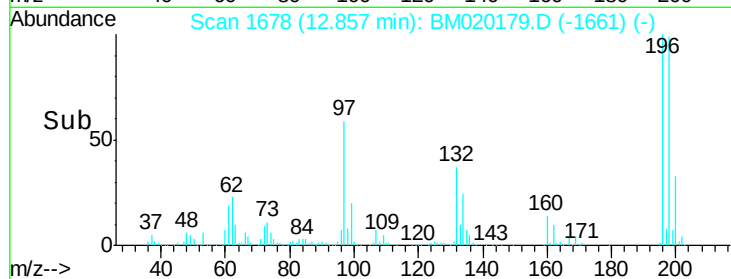
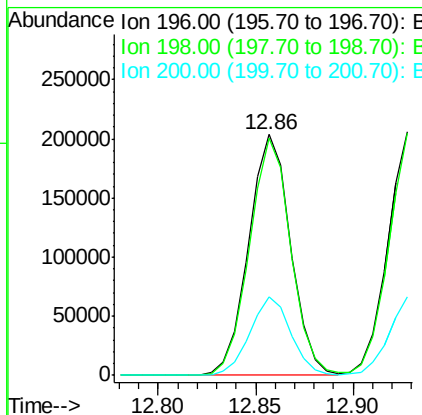
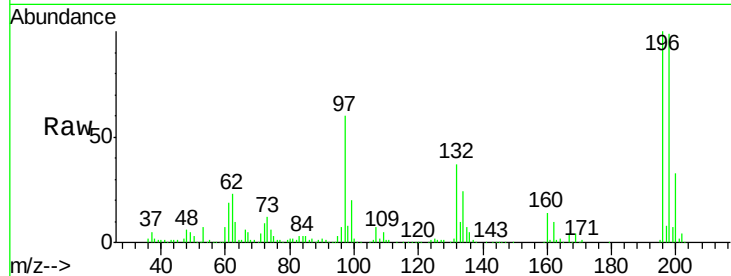




#43  
 2,4,6-Trichlorophenol  
 Concen: 51.261 ng  
 RT: 12.86 min Scan# 1678  
 Delta R.T. 0.00 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

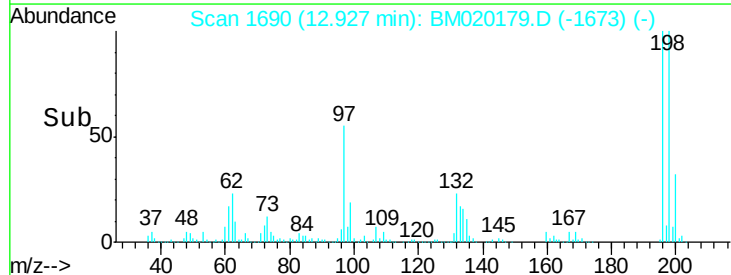
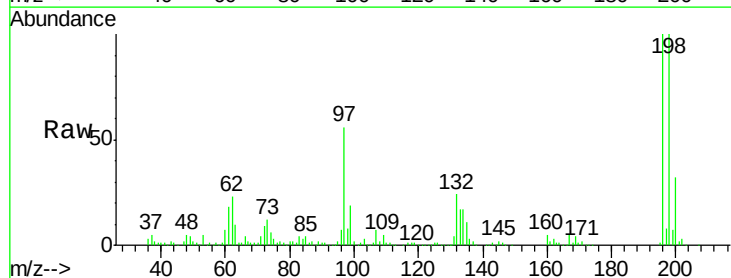
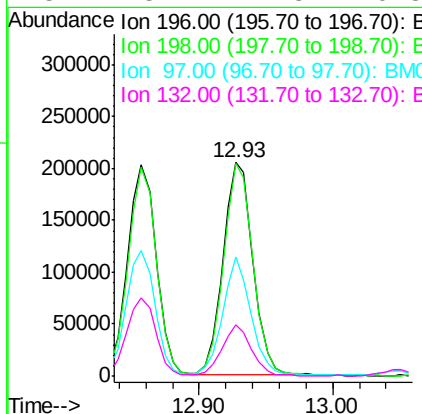
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

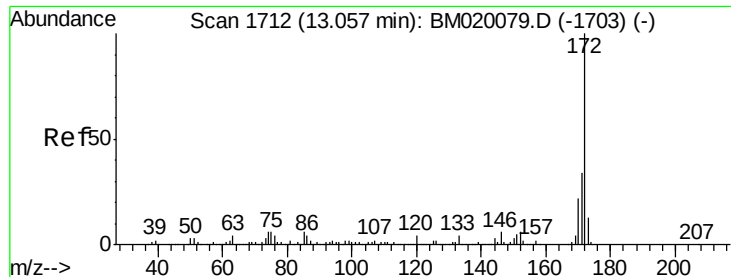
Tot Ion:196 Resp: 302512  
 Ion Ratio Lower Upper  
 196 100  
 198 98.5 76.2 114.2  
 200 32.8 24.3 36.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.953 ng  
 RT: 12.93 min Scan# 1690  
 Delta R.T. 0.00 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Tgt Ion:196 Resp: 322737  
 Ion Ratio Lower Upper  
 196 100  
 198 99.8 74.7 112.1  
 97 55.9 42.2 63.4  
 132 23.7 17.8 26.8

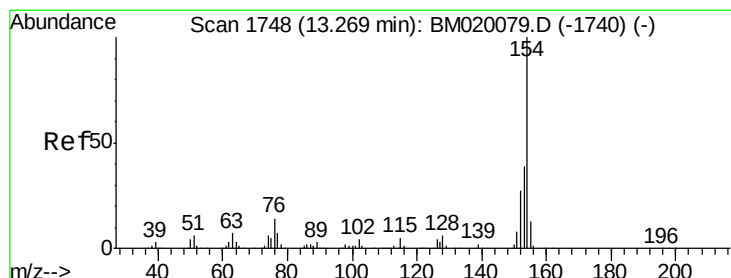
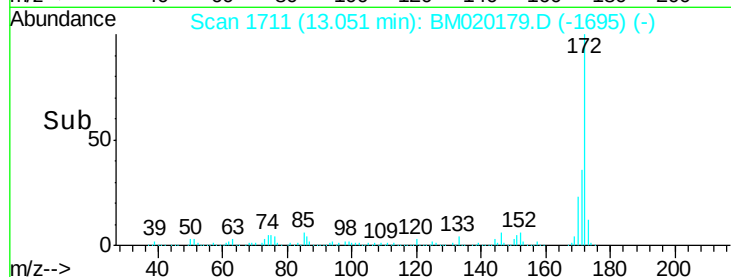
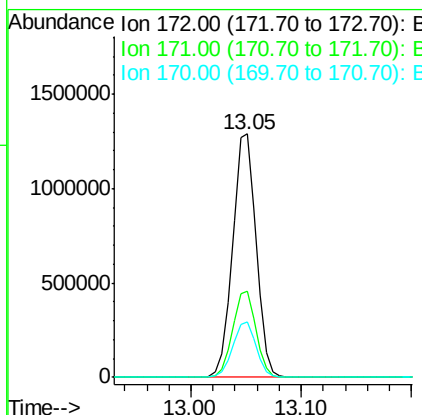
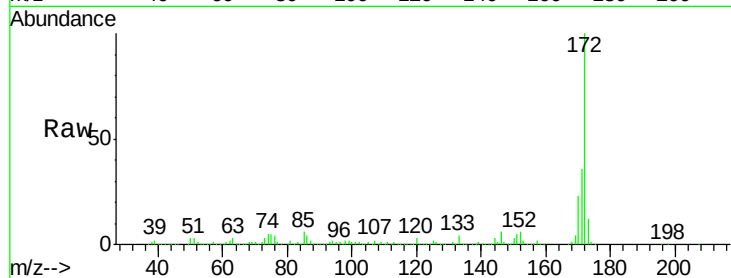




#45  
2-Fluorobiphenyl  
Concen: 89.229 ng  
RT: 13.05 min Scan# 1711  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

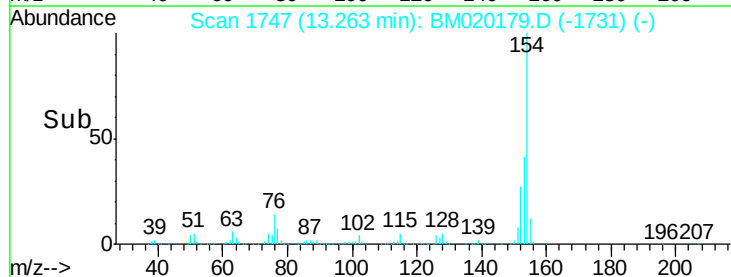
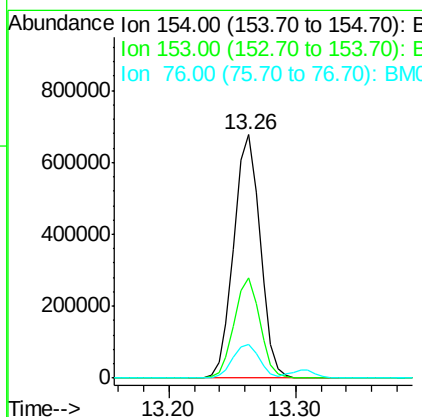
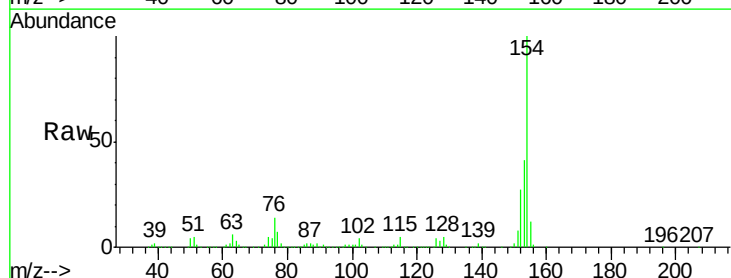
Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

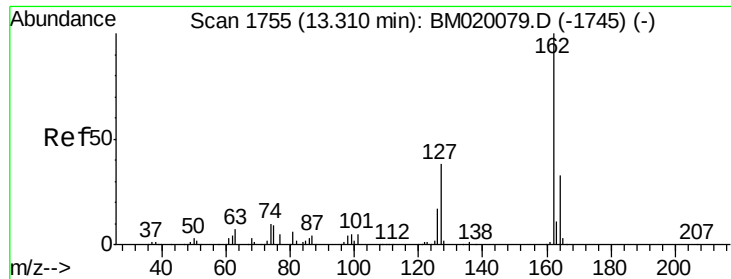
Tot Ion:172 Resp: 1924834  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.3 40.9  
170 22.8 17.9 26.9



#46  
1,1'-Biphenyl  
Concen: 44.688 ng  
RT: 13.26 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Tgt Ion:154 Resp: 976258  
Ion Ratio Lower Upper  
154 100  
153 41.1 19.4 59.4  
76 14.0 0.0 34.5

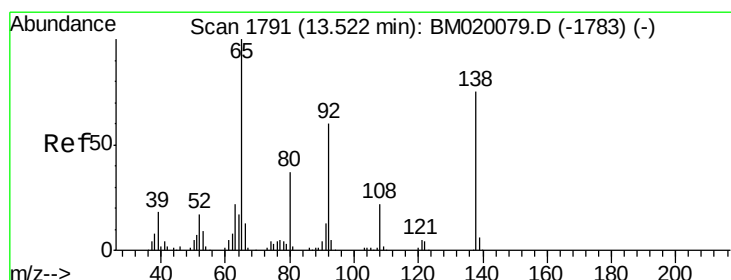
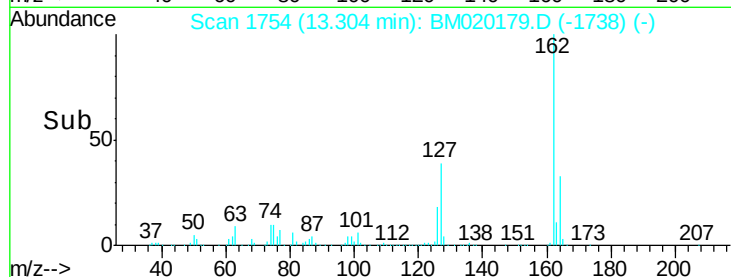
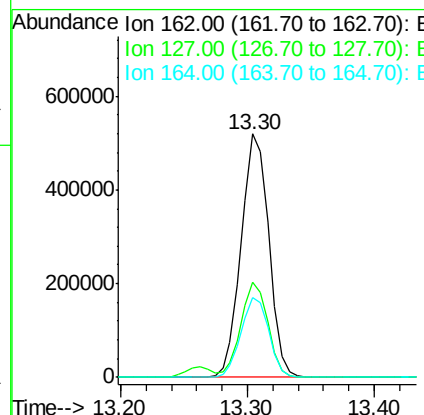
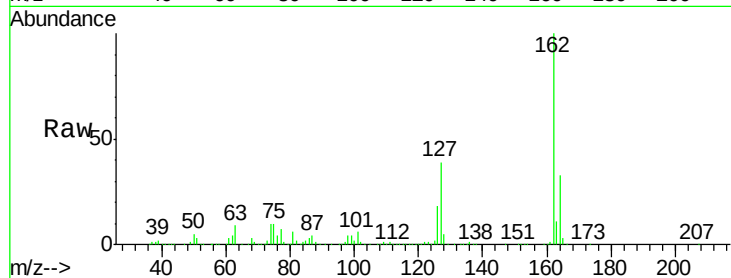




#47  
 2-Chloronaphthalene  
 Concen: 45.103 ng  
 RT: 13.30 min Scan# 1754  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

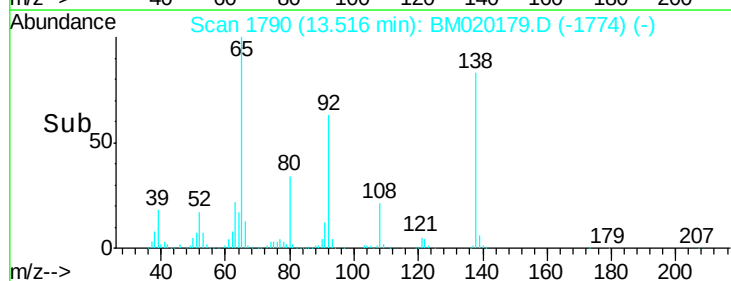
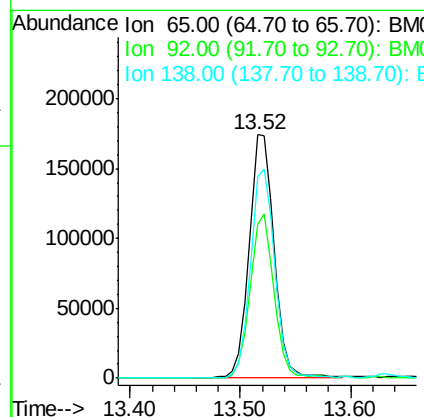
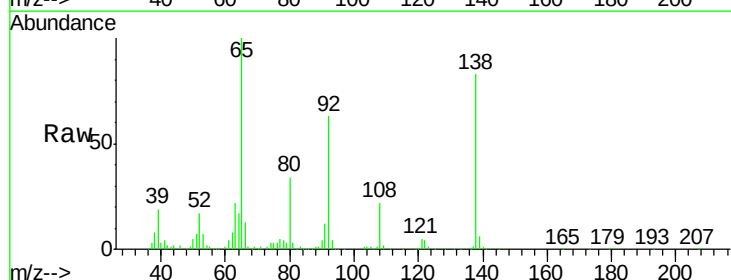
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

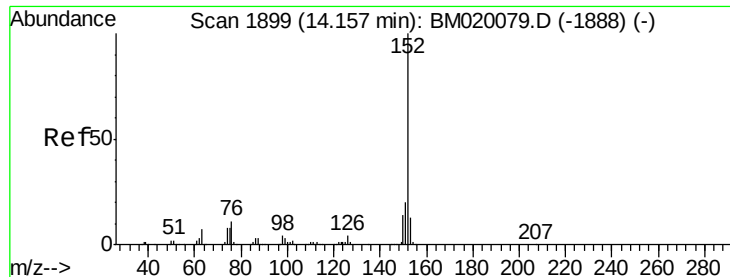
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.8  | 31.0  | 46.4  |
| 164     | 32.9  | 26.2  | 39.2  |



#48  
 2-Nitroaniline  
 Concen: 44.919 ng  
 RT: 13.52 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.3  | 48.2  | 72.4  |
| 138     | 82.7  | 60.3  | 90.5  |





#49

Acenaphthylene

Concen: 42.986 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

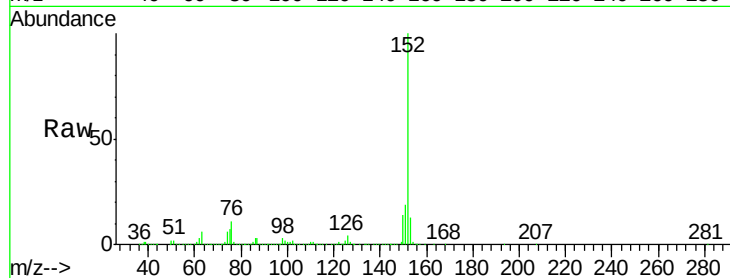
Tot Ion:152 Resp: 1199933

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

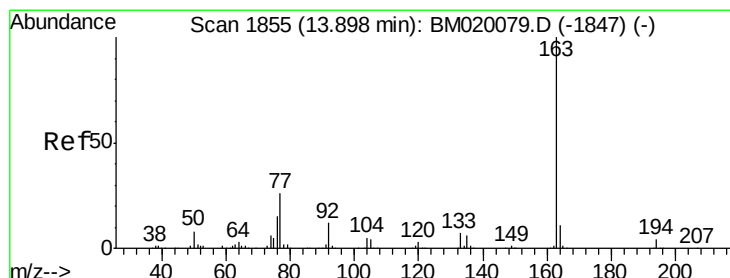
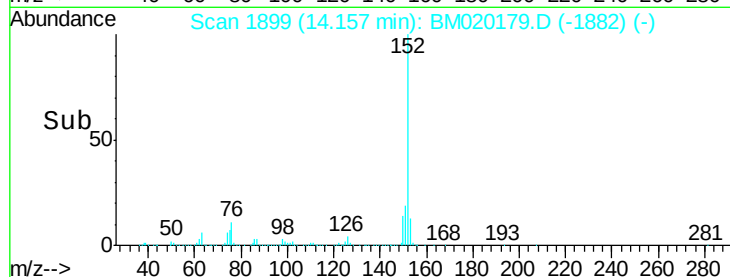
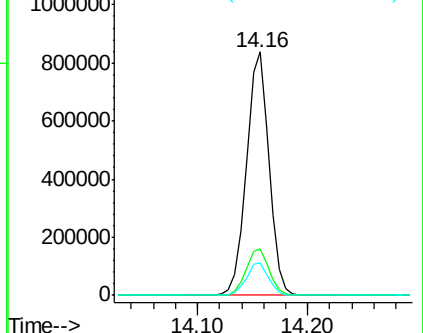
153 13.1 10.6 16.0



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: 50.584 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

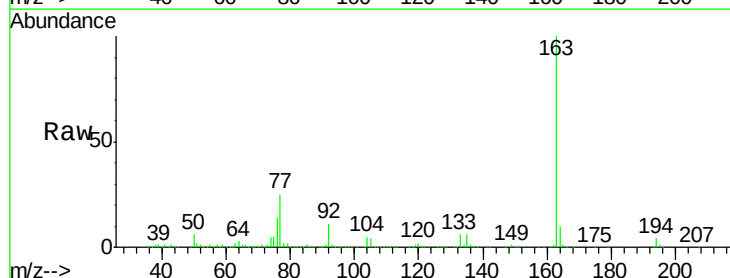
Tgt Ion:163 Resp: 1141058

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

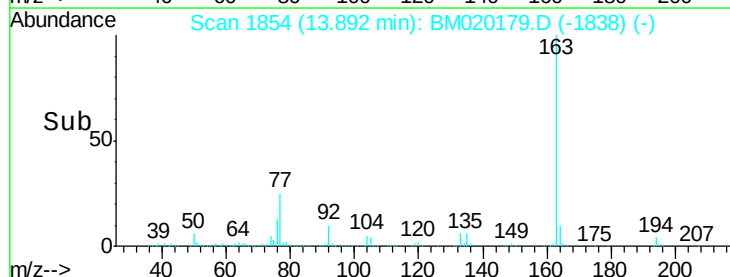
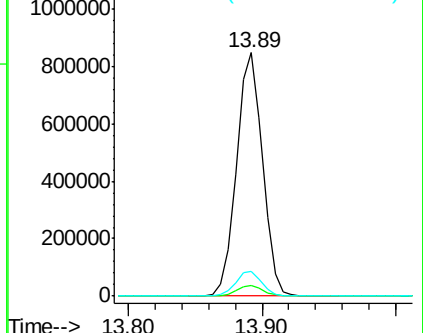
164 10.3 8.4 12.6

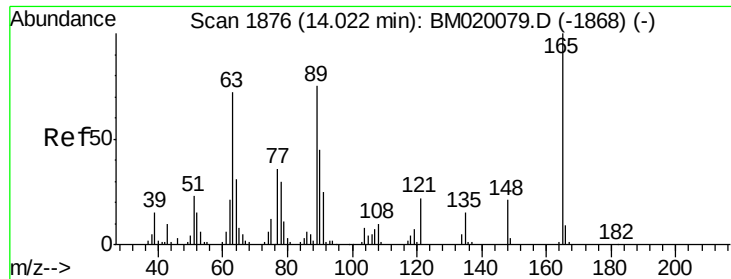


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

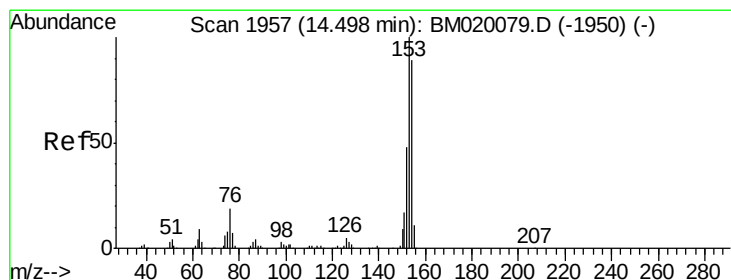
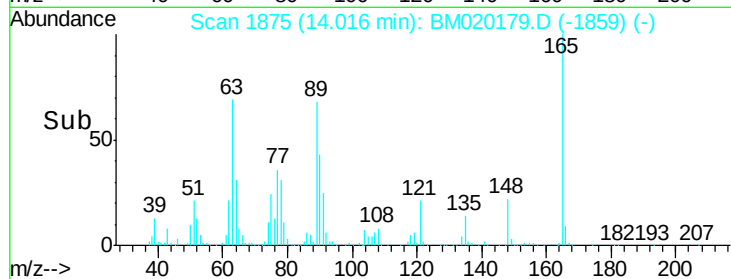
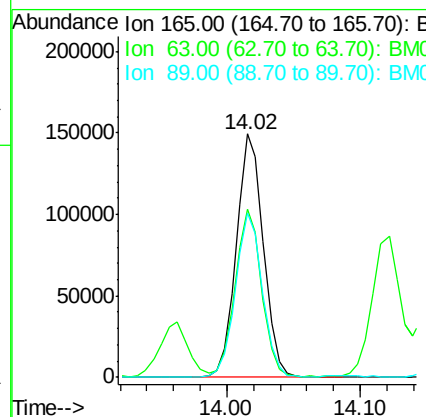
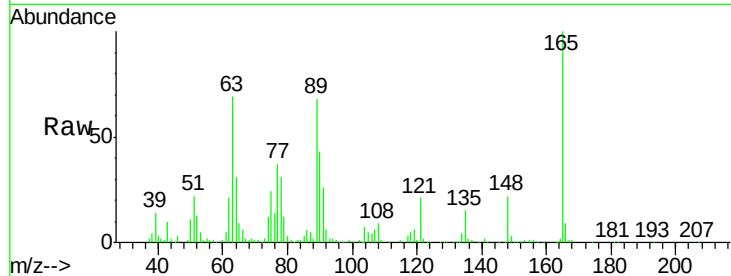




#51  
2,6-Dinitrotoluene  
Concen: 44.431 ng  
RT: 14.02 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

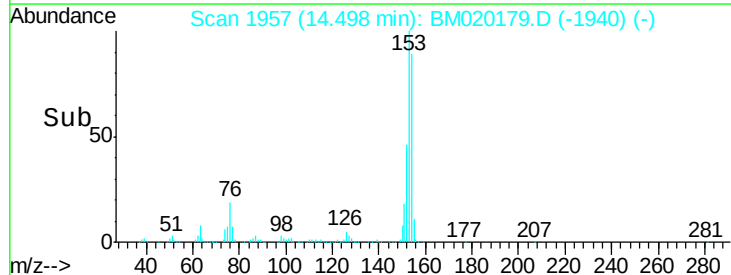
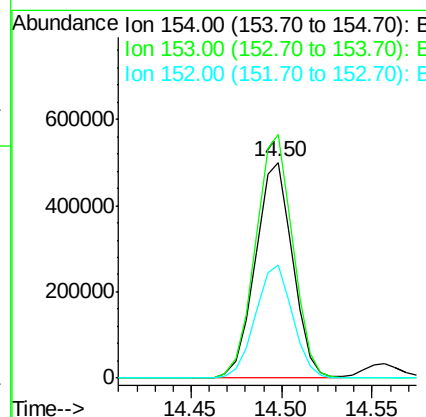
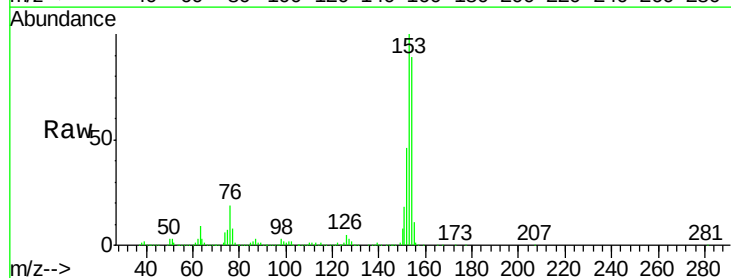
Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

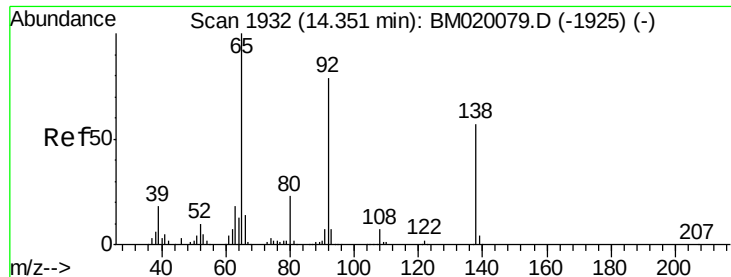
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 69.0  | 60.3  | 90.5  |
| 89      | 67.6  | 59.8  | 89.6  |



#52  
Acenaphthene  
Concen: 44.573 ng  
RT: 14.50 min Scan# 1957  
Delta R.T. 0.00 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.9 | 90.2  | 135.2 |
| 152     | 52.3  | 43.0  | 64.4  |

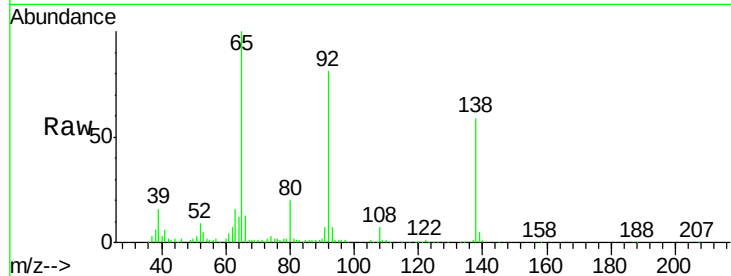




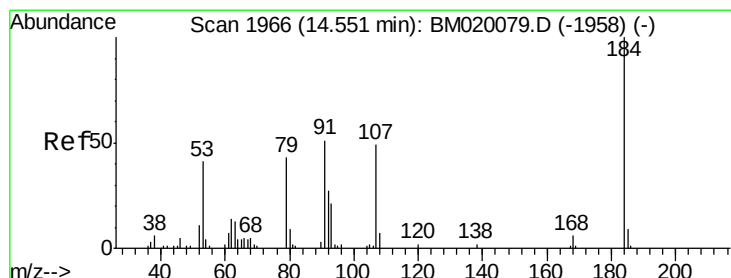
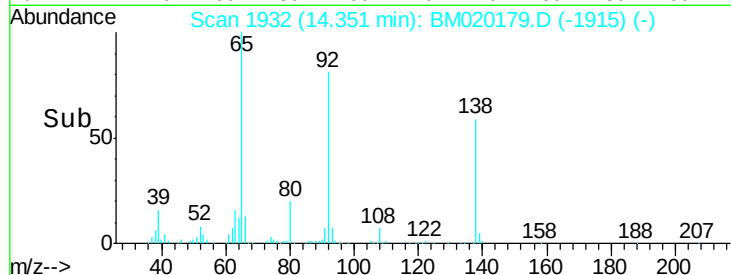
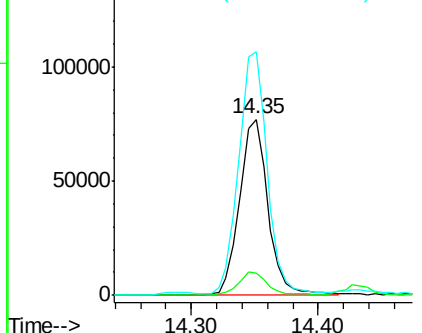
#53  
 3-Nitroaniline  
 Concen: 27.388 ng  
 RT: 14.35 min Scan# 1932  
 Delta R.T. 0.00 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

Tot Ion:138 Resp: 120773  
 Ion Ratio Lower Upper  
 138 100  
 108 12.2 10.4 15.6  
 92 138.2 111.3 166.9

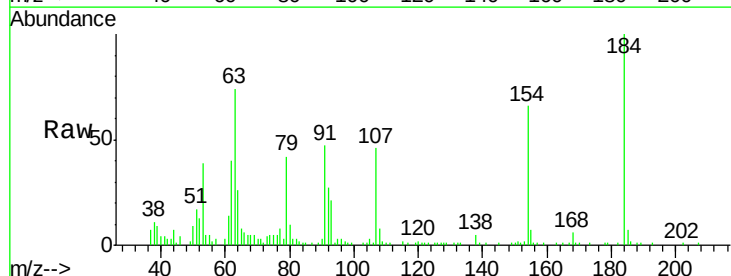


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BM

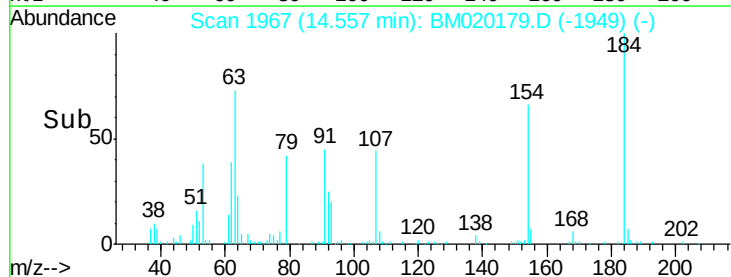
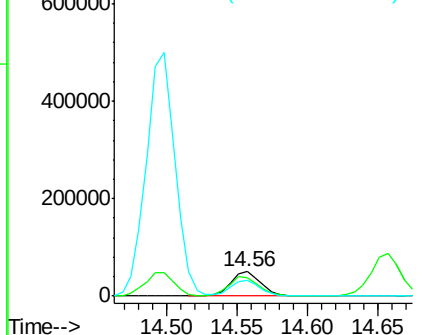


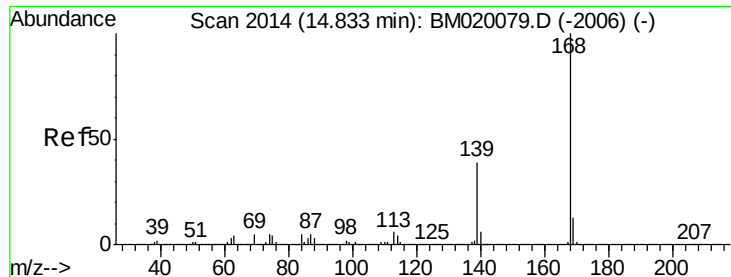
#54  
 2,4-Dinitrophenol  
 Concen: 36.667 ng  
 RT: 14.56 min Scan# 1967  
 Delta R.T. 0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Tgt Ion:184 Resp: 75047  
 Ion Ratio Lower Upper  
 184 100  
 63 73.9 68.9 103.3  
 154 66.2 54.4 81.6



Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BM  
 Ion 154.00 (153.70 to 154.70): E

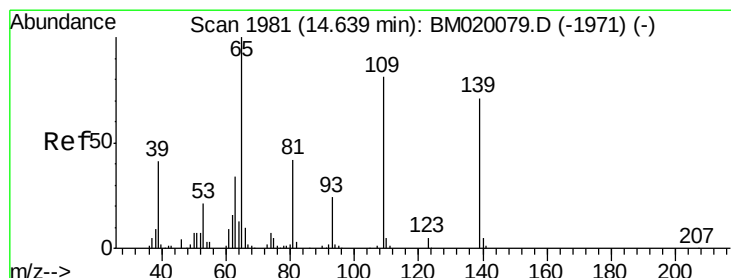
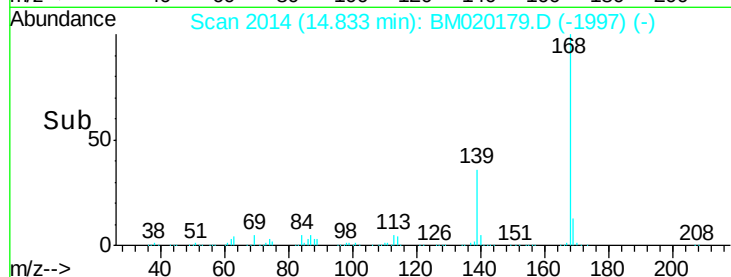
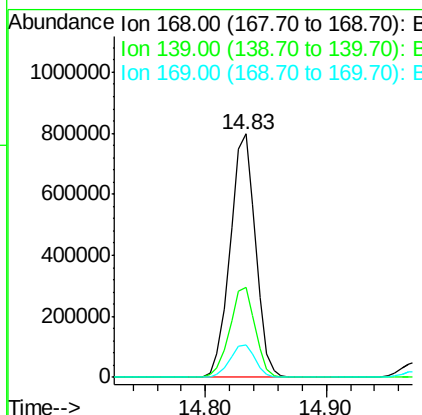
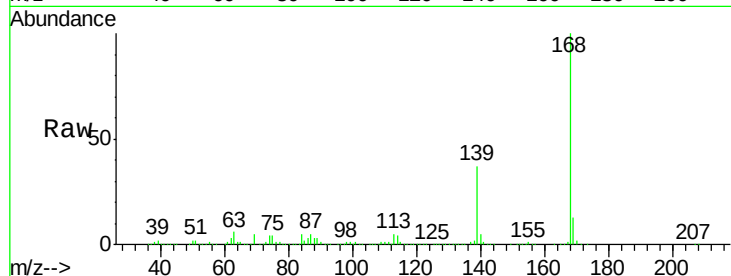




#55  
Dibenzenofuran  
Concen: 43.179 ng  
RT: 14.83 min Scan# 2014  
Delta R.T. 0.00 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

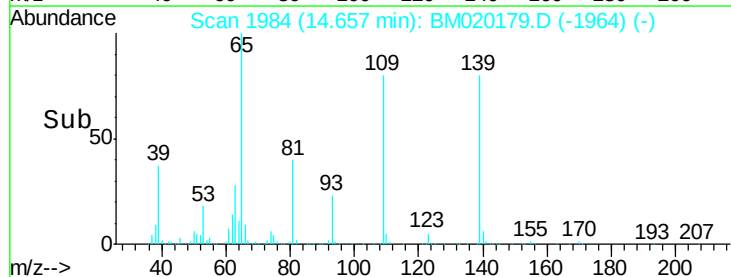
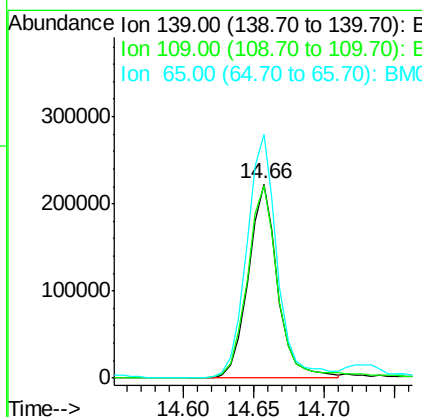
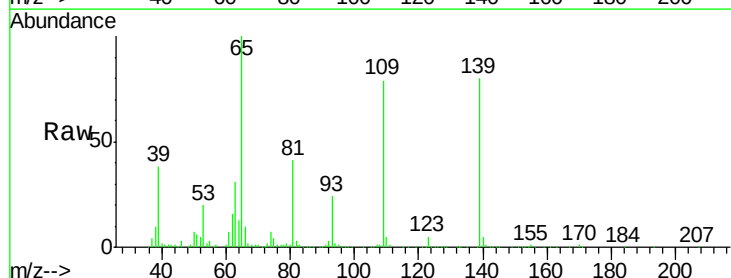
Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

Tot Ion:168 Resp: 1165884  
Ion Ratio Lower Upper  
168 100  
139 36.7 31.1 46.7  
169 13.1 10.6 16.0

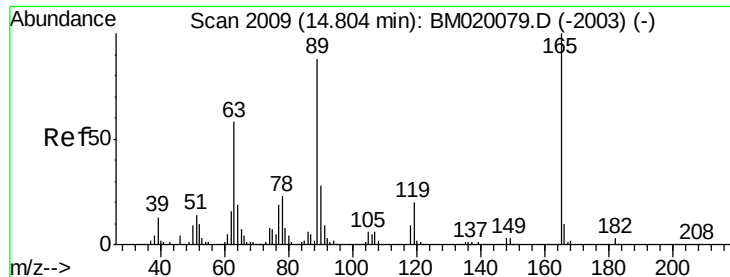


#56  
4-Nitrophenol  
Concen: 86.411 ng  
RT: 14.66 min Scan# 1984  
Delta R.T. 0.02 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Tgt Ion:139 Resp: 325107  
Ion Ratio Lower Upper  
139 100  
109 99.5 94.1 134.1  
65 125.5 120.9 160.9



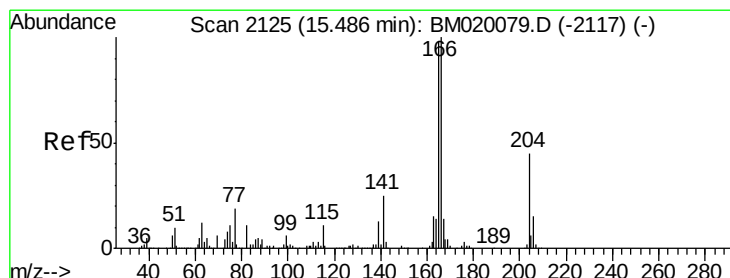
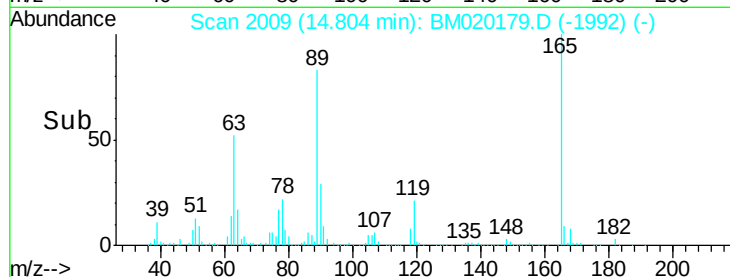
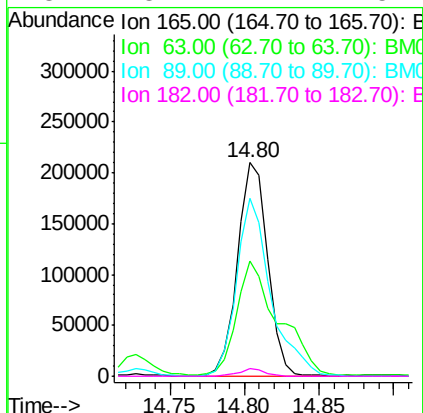
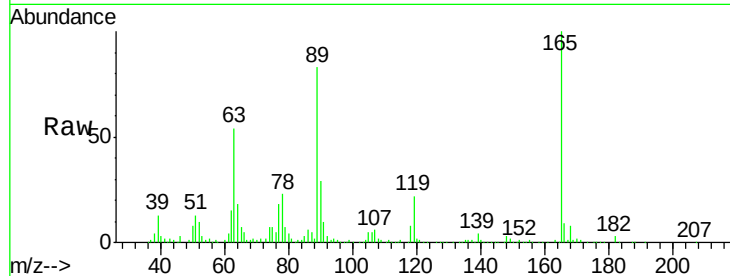




#57  
2,4-Dinitrotoluene  
Concen: 45.793 ng  
RT: 14.80 min Scan# 2009  
Delta R.T. 0.00 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

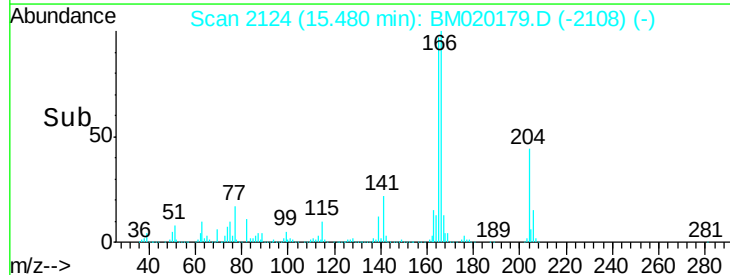
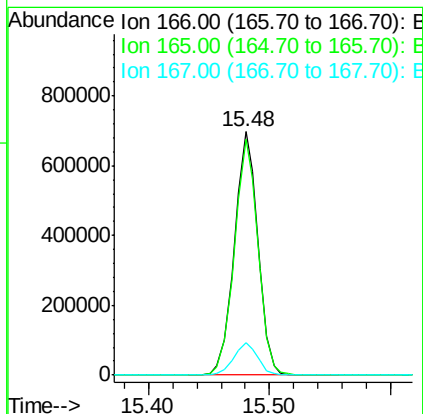
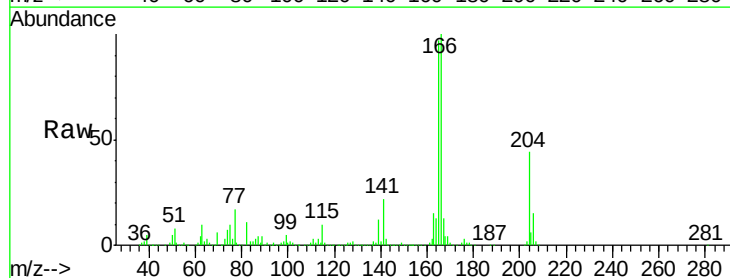
Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

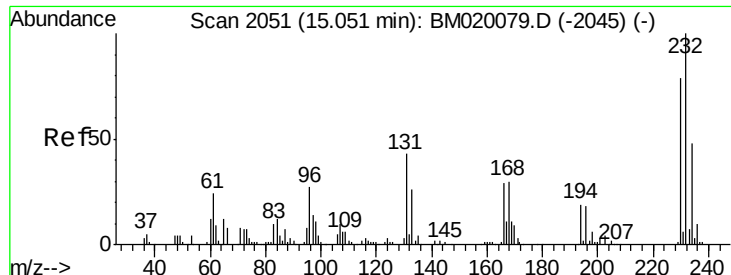
Tot Ion:165 Resp: 295638  
Ion Ratio Lower Upper  
165 100  
63 53.7 46.2 69.2  
89 83.2 70.6 105.8  
182 3.4 2.2 3.2#



#58  
Fluorene  
Concen: 42.695 ng  
RT: 15.48 min Scan# 2124  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Tgt Ion:166 Resp: 946780  
Ion Ratio Lower Upper  
166 100  
165 96.9 78.2 117.2  
167 13.1 11.0 16.4

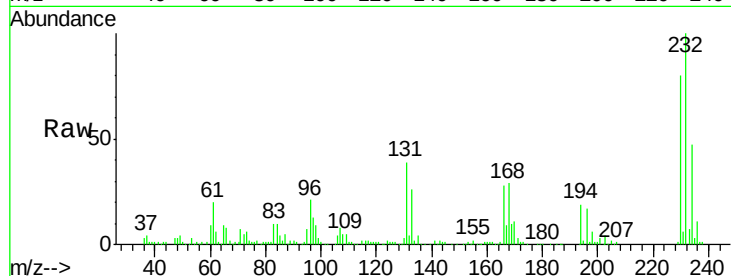




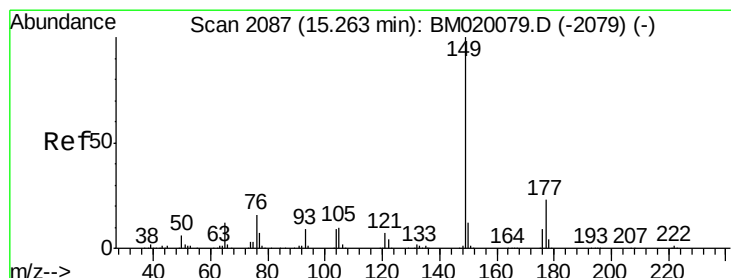
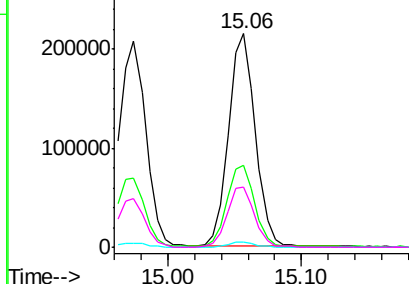
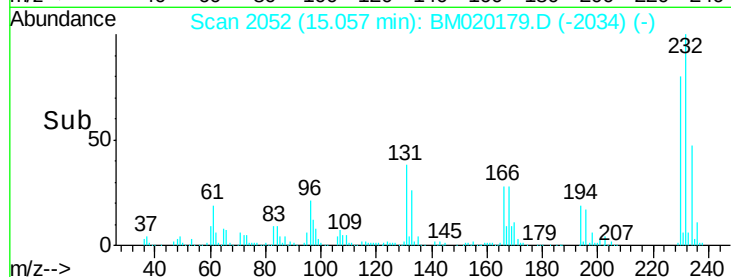
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.972 ng  
 RT: 15.06 min Scan# 2052  
 Delta R.T. 0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 300547 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.4  | 34.2  | 51.4   |
| 130      | 2.7   | 2.0   | 3.0    |
| 166      | 29.2  | 23.8  | 35.8   |

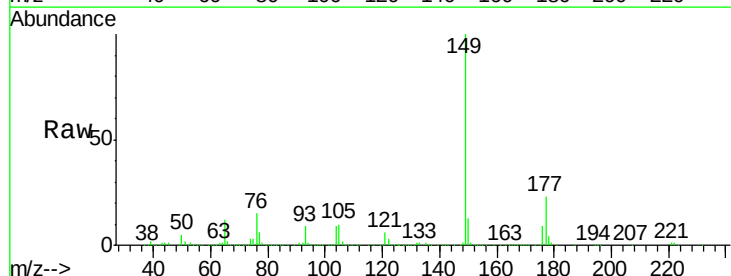


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

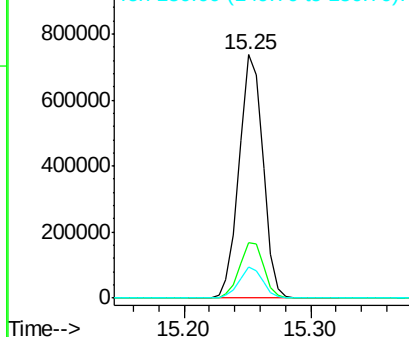
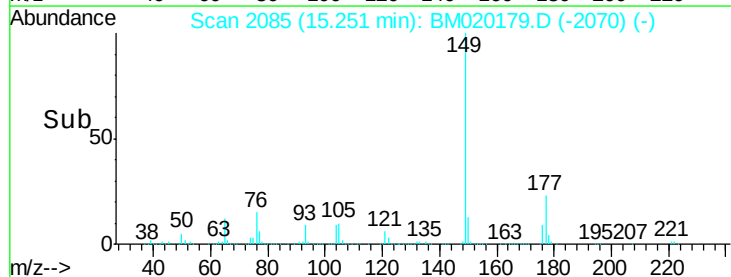


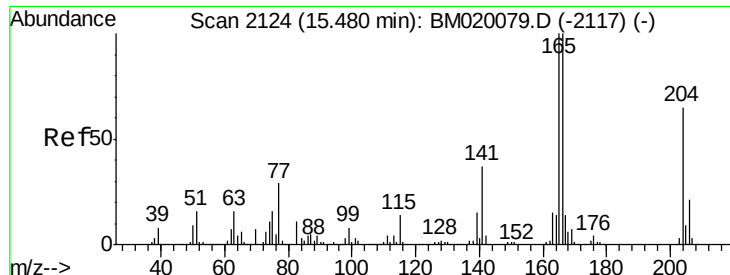
#60  
 Diethylphthalate  
 Concen: 42.063 ng  
 RT: 15.25 min Scan# 2085  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 955958 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.6  | 18.2  | 27.4   |
| 150      | 12.5  | 9.9   | 14.9   |



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

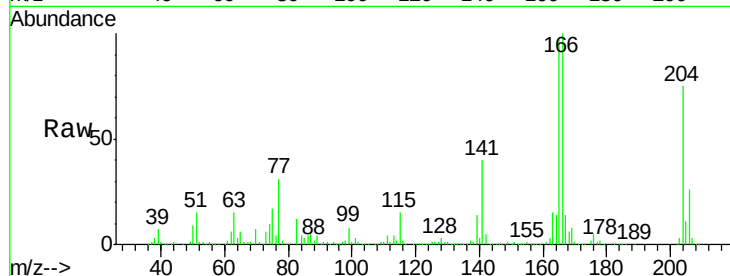




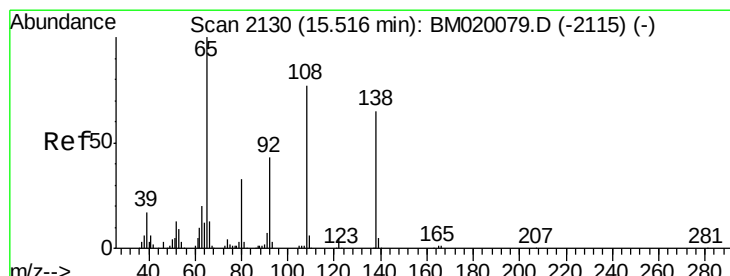
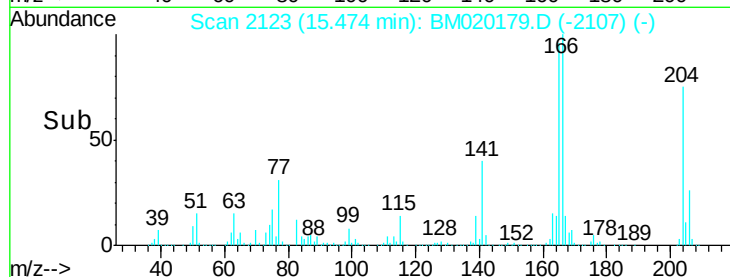
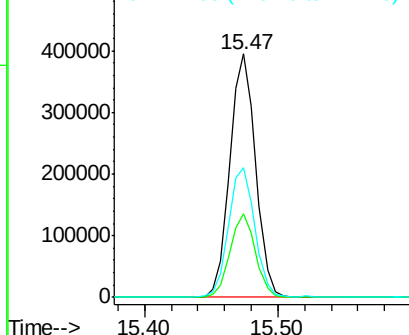
#61  
4-Chlorophenyl-phenylether  
Concen: 42.408 ng  
RT: 15.47 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

Tot Ion:204 Resp: 532841  
Ion Ratio Lower Upper  
204 100  
206 34.3 25.6 38.4  
141 53.0 46.1 69.1

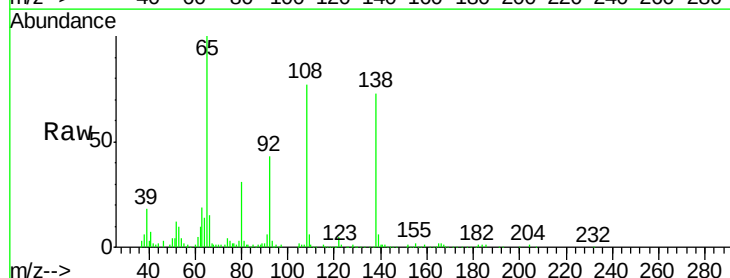


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

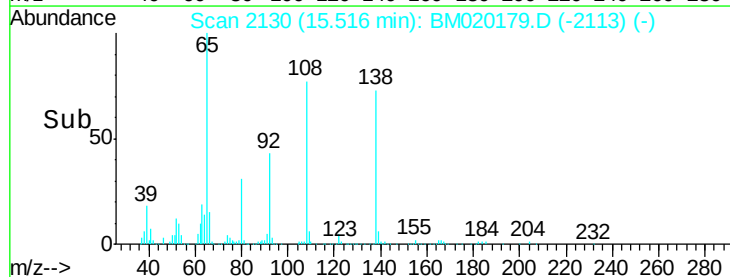
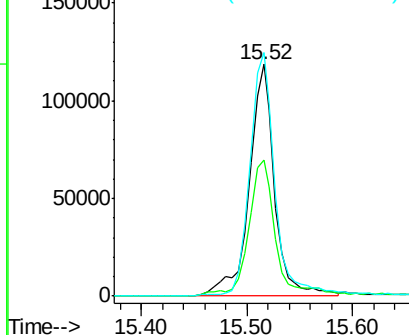


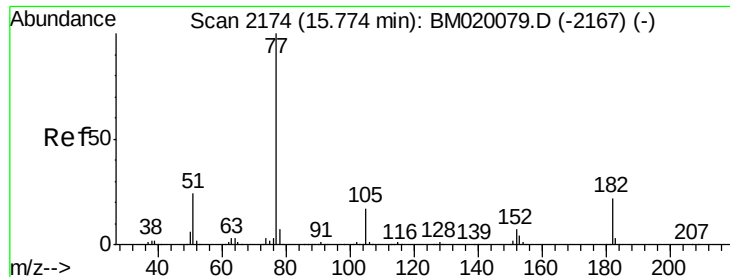
#62  
4-Nitroaniline  
Concen: 41.146 ng  
RT: 15.52 min Scan# 2130  
Delta R.T. 0.00 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Tgt Ion:138 Resp: 200236  
Ion Ratio Lower Upper  
138 100  
92 58.6 45.9 85.9  
108 105.1 97.7 137.7



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

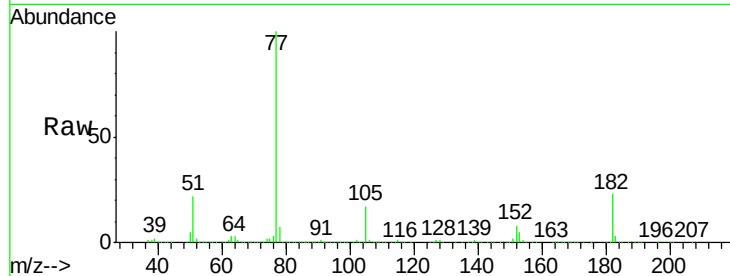




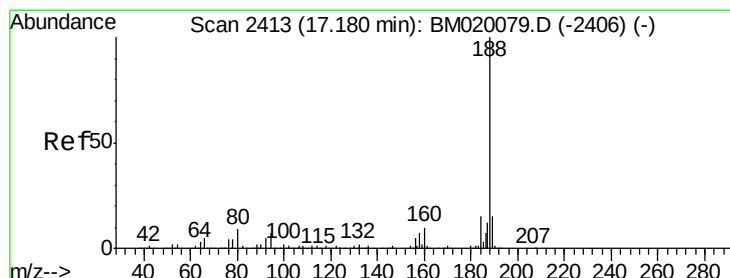
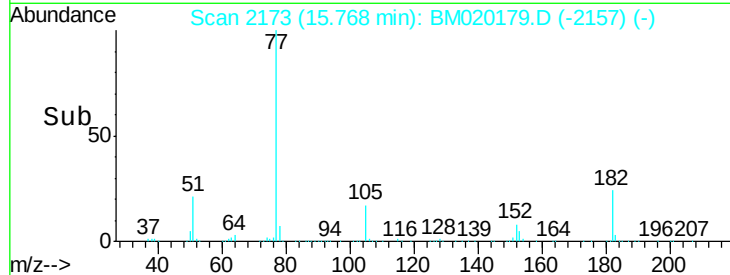
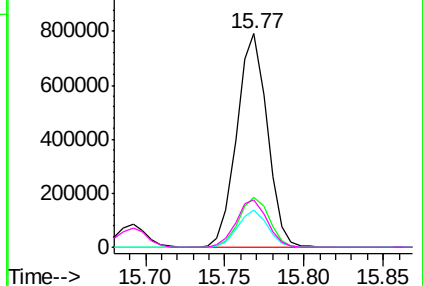
#63  
Azobenzene  
Concen: 39.203 ng  
RT: 15.77 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

Tot Ion: 77 Resp: 1051093  
Ion Ratio Lower Upper  
77 100  
182 23.4 2.1 42.1  
105 17.3 0.0 36.8  
51 22.1 3.8 43.8

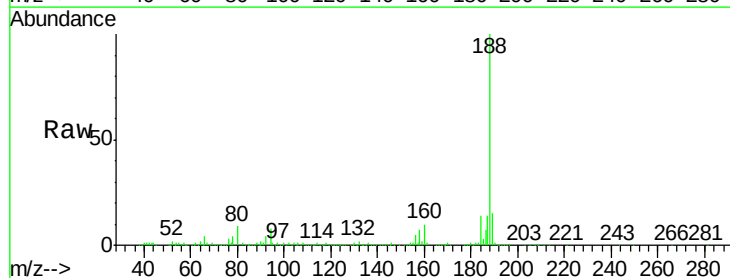


Abundance Ion 77.00 (76.70 to 77.70): BM020179.D (-2167) (-)  
Ion 182.00 (181.70 to 182.70): BM020179.D (-2167) (-)  
Ion 105.00 (104.70 to 105.70): BM020179.D (-2167) (-)  
Ion 51.00 (50.70 to 51.70): BM020179.D (-2167) (-)

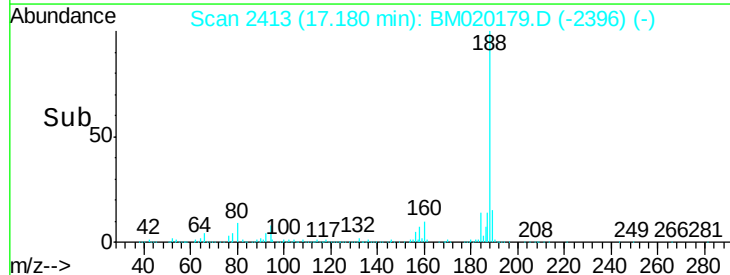
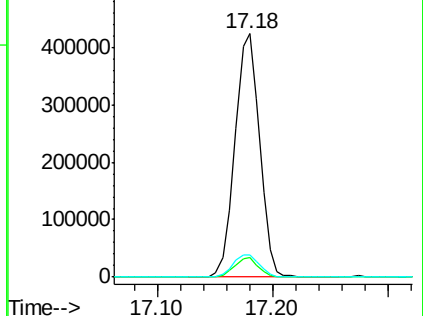


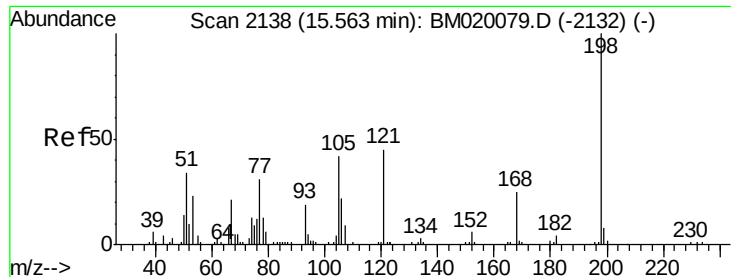
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.18 min Scan# 2413  
Delta R.T. 0.00 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Tgt Ion: 188 Resp: 624644  
Ion Ratio Lower Upper  
188 100  
94 8.0 5.8 8.6  
80 9.3 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): BM020179.D (-2396) (-)  
Ion 94.00 (93.70 to 94.70): BM020179.D (-2396) (-)  
Ion 80.00 (79.70 to 80.70): BM020179.D (-2396) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 40.686 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

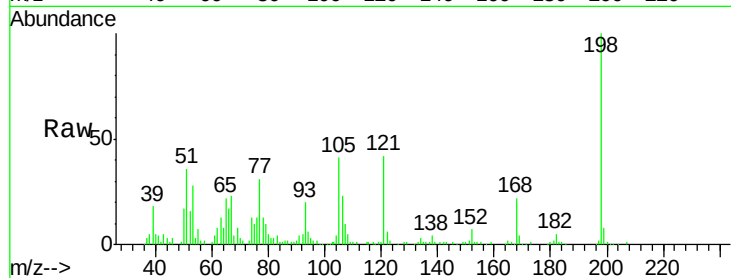
Tot Ion:198 Resp: 124187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 36.0  | 16.5  | 56.5  |
| 105 | 41.4  | 22.8  | 62.8  |

198 100

51 36.0 16.5 56.5

105 41.4 22.8 62.8

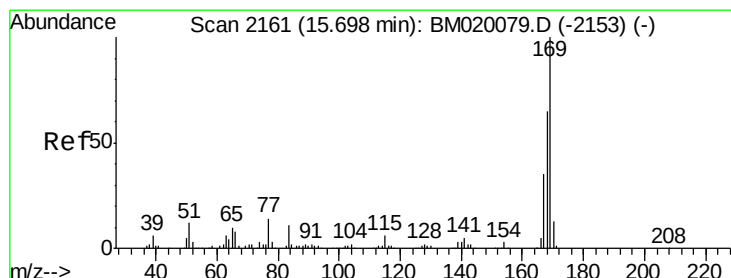
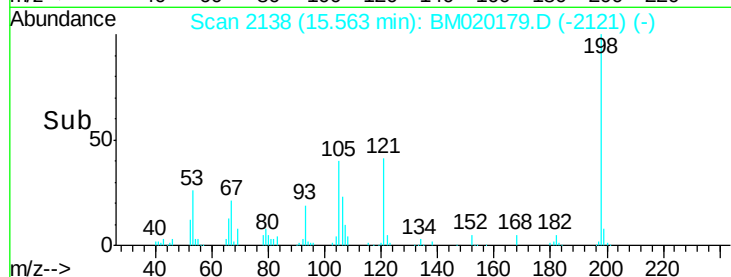


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

Time-->



#66

n-Nitrosodiphenylamine

Concen: 44.693 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

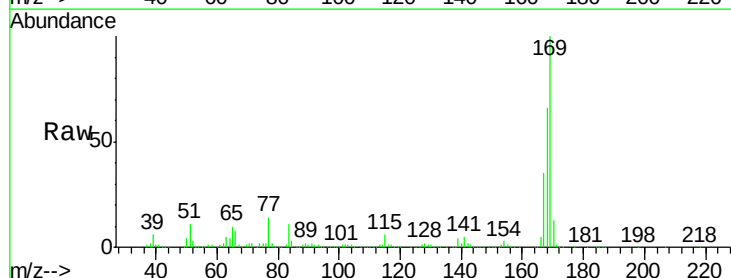
Tgt Ion:169 Resp: 821475

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 66.0  | 51.9  | 77.9  |
| 167 | 34.7  | 27.8  | 41.6  |

169 100

168 66.0 51.9 77.9

167 34.7 27.8 41.6

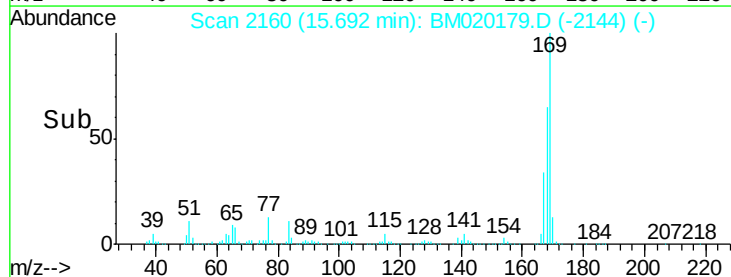


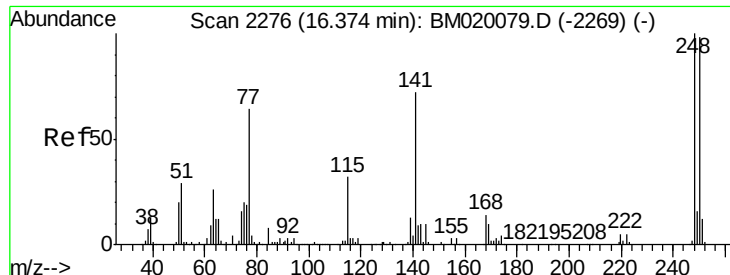
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

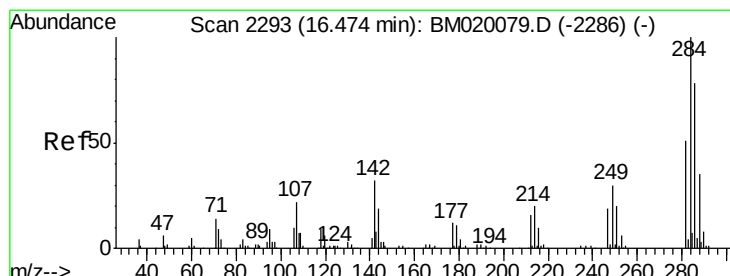
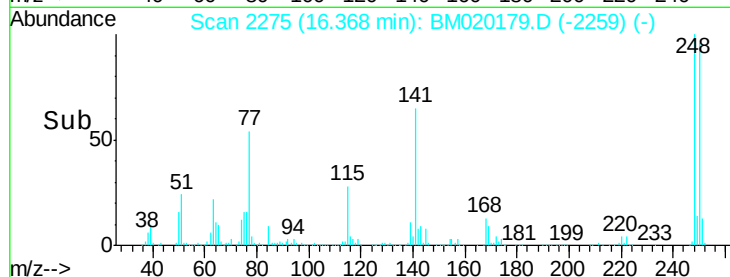
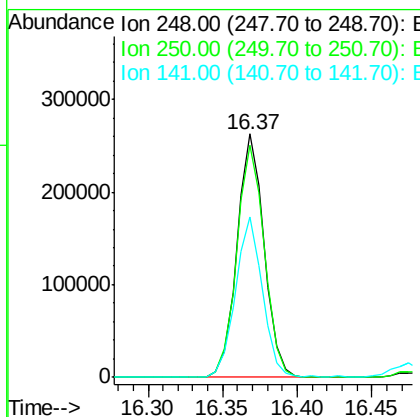
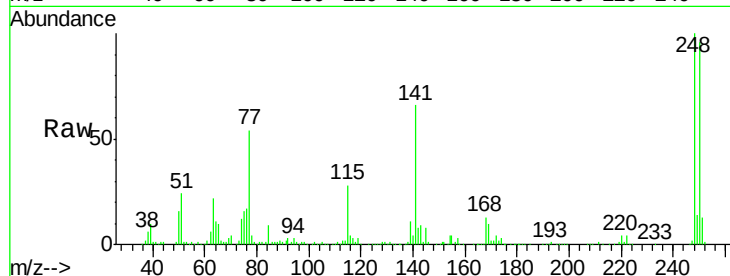




#67  
 4-Bromophenyl-phenylether  
 Concen: 43.167 ng  
 RT: 16.37 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

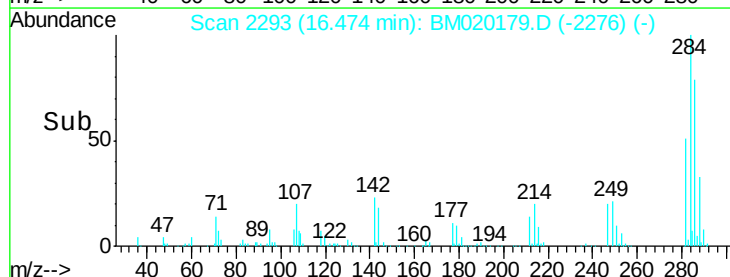
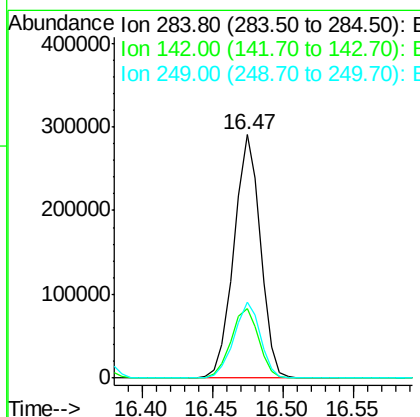
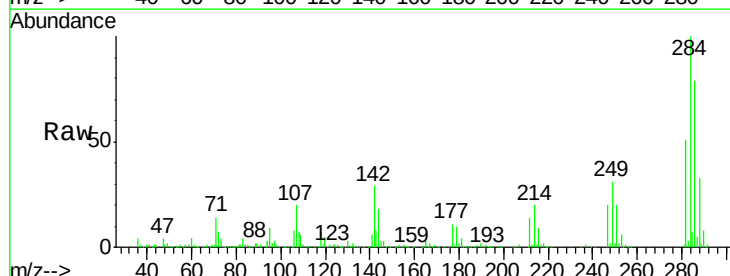
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

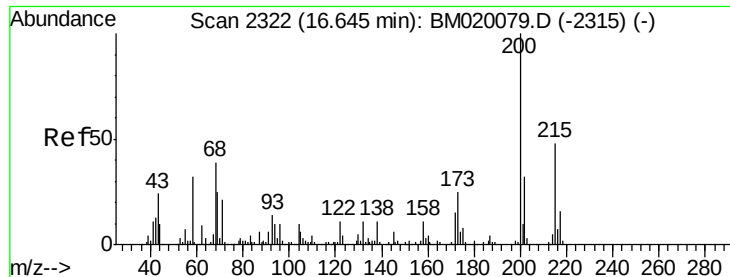
Tot Ion:248 Resp: 330651  
 Ion Ratio Lower Upper  
 248 100  
 250 95.5 78.4 117.6  
 141 65.7 57.4 86.2



#68  
 Hexachlorobenzene  
 Concen: 42.960 ng  
 RT: 16.47 min Scan# 2293  
 Delta R.T. 0.00 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Tgt Ion:284 Resp: 378665  
 Ion Ratio Lower Upper  
 284 100  
 142 28.8 25.2 37.8  
 249 31.2 23.6 35.4





#69

Atrazine

Concen: 44.268 ng

RT: 16.64 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

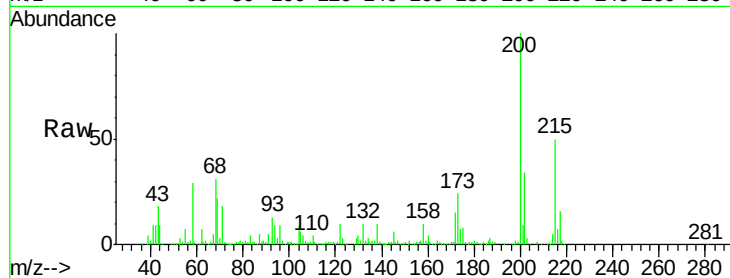
Tot Ion:200 Resp: 317978

Ion Ratio Lower Upper

200 100

173 23.6 4.6 44.6

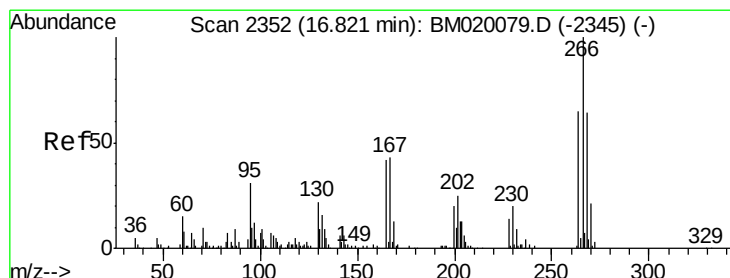
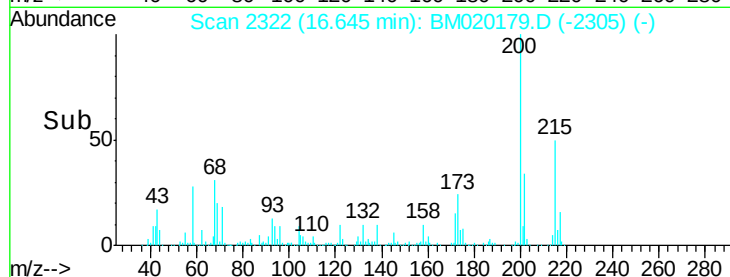
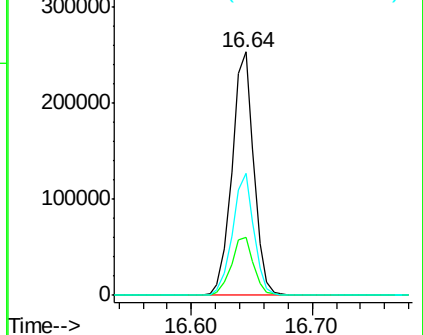
215 50.0 28.0 68.0



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: 95.984 ng

RT: 16.82 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

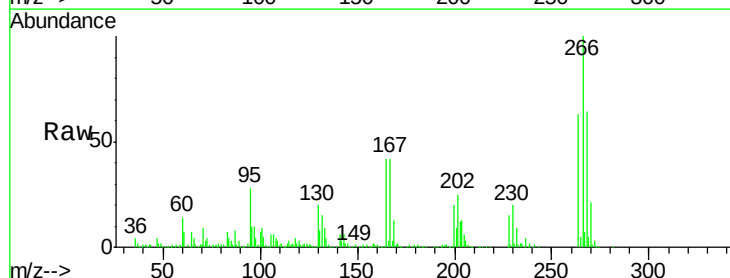
Tgt Ion:266 Resp: 484070

Ion Ratio Lower Upper

266 100

268 64.3 51.4 77.0

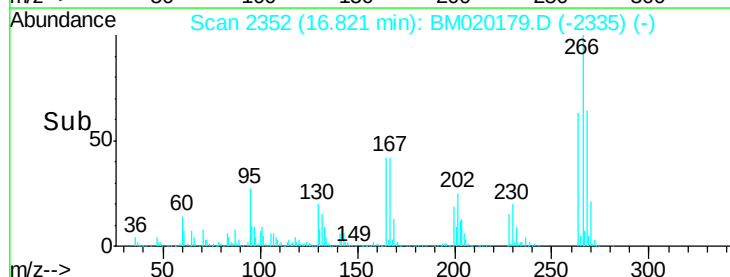
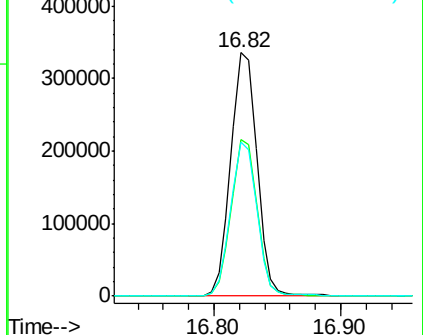
264 63.3 52.0 78.0

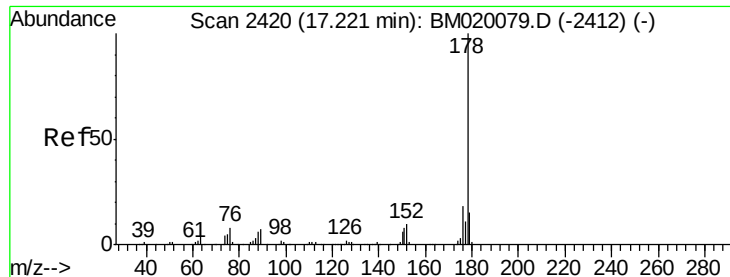


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

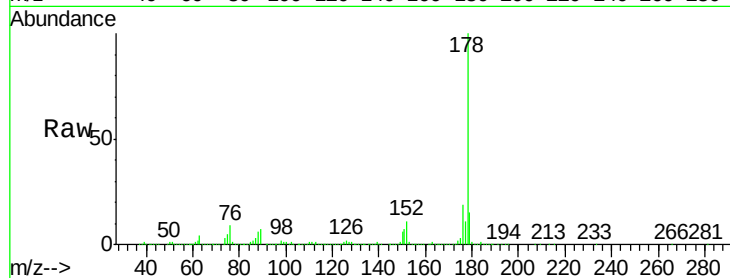




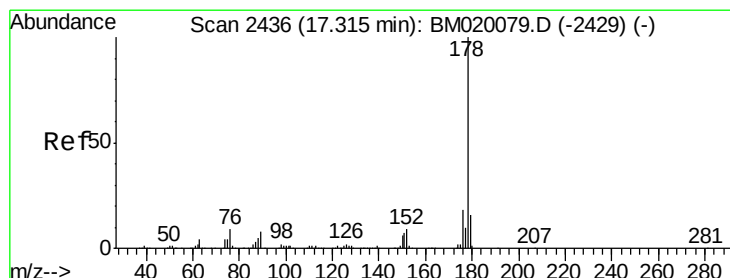
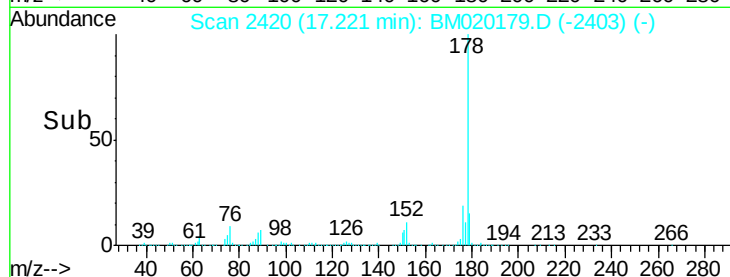
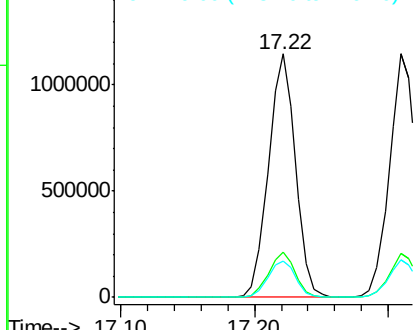
#71  
Phenanthrene  
Concen: 46.494 ng  
RT: 17.22 min Scan# 2420  
Delta R.T. 0.00 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

Tot Ion:178 Resp: 1603148  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.6 21.8  
179 15.1 12.4 18.6

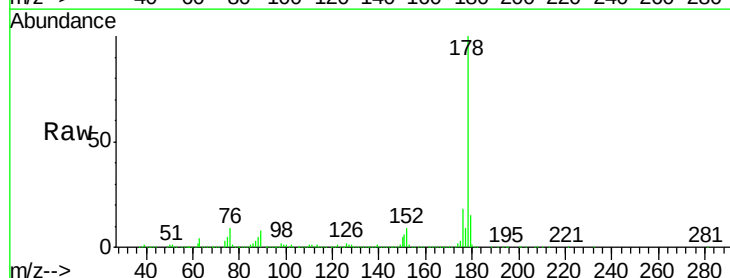


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

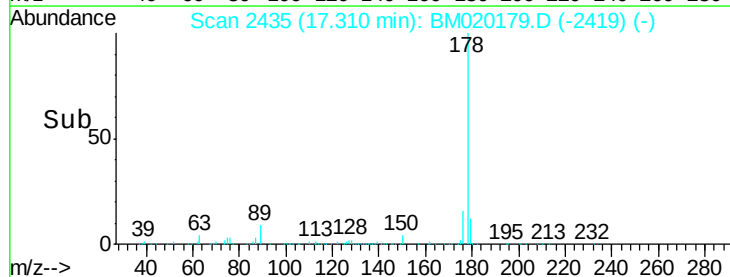
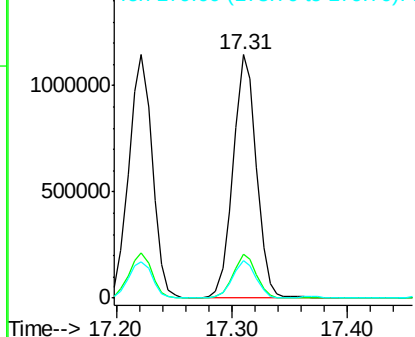


#72  
Anthracene  
Concen: 46.064 ng  
RT: 17.31 min Scan# 2435  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

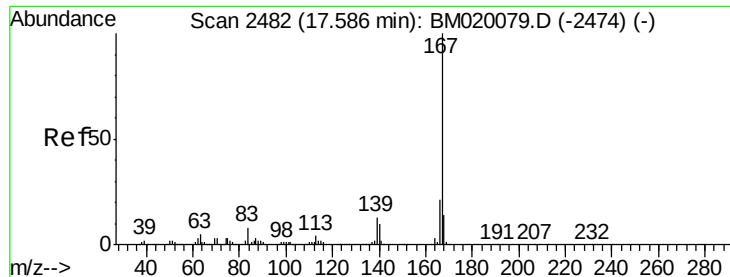
Tgt Ion:178 Resp: 1588027  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.6 22.0  
179 15.2 12.4 18.6



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



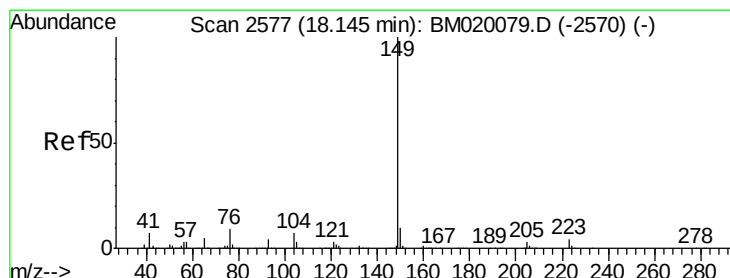
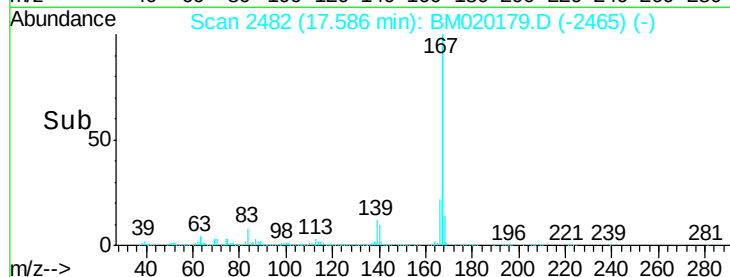
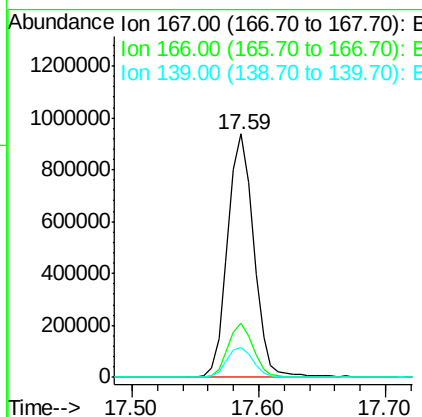
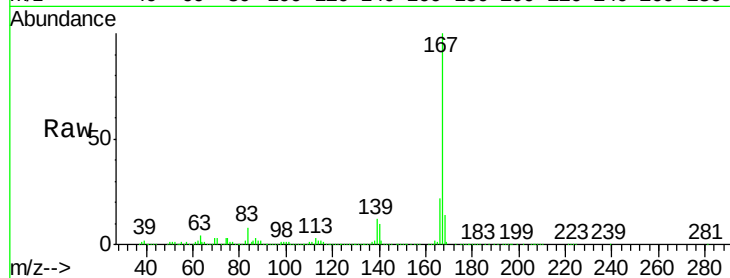




#73  
 Carbazole  
 Concen: 43.083 ng  
 RT: 17.59 min Scan# 2482  
 Delta R.T. 0.00 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

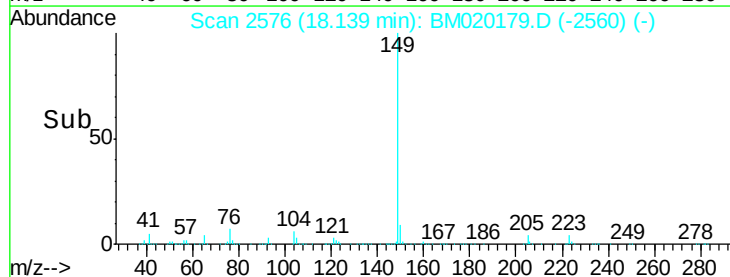
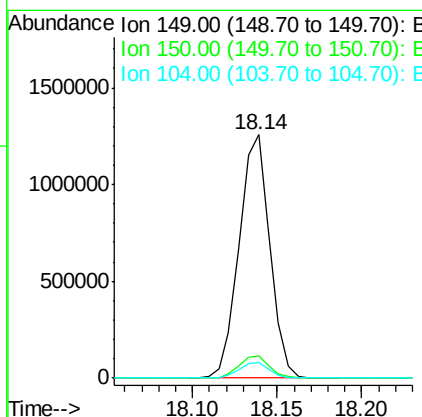
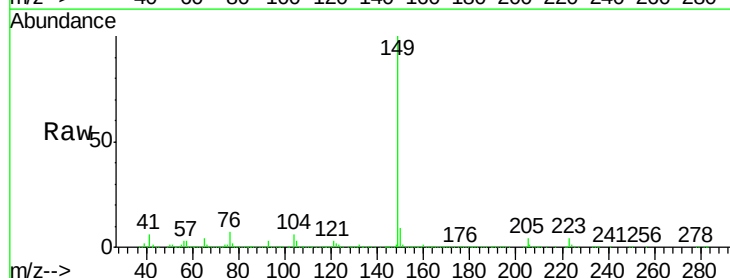
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(33.5-35.5)MS

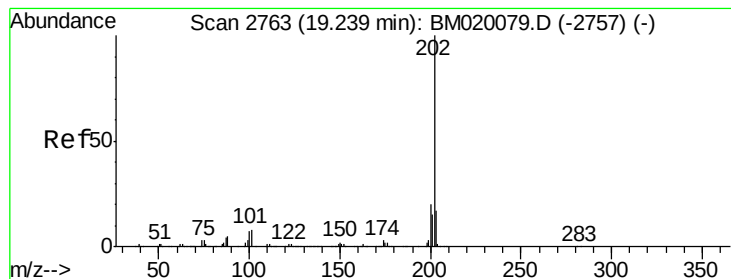
Tot Ion:167 Resp: 1340167  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.0 25.6  
 139 12.4 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 42.386 ng  
 RT: 18.14 min Scan# 2576  
 Delta R.T. -0.01 min  
 Lab File: BM020179.D  
 Acq: 07 May 2019 23:44

Tgt Ion:149 Resp: 1586743  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.8 11.6  
 104 6.3 5.7 8.5





#75

Fluoranthene

Concen: 49.704 ng

RT: 19.24 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

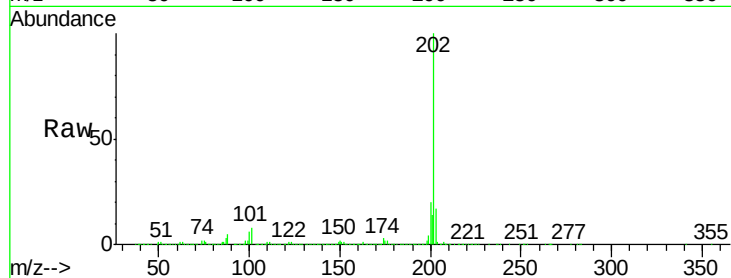
Tot Ion:202 Resp: 2168442

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.4

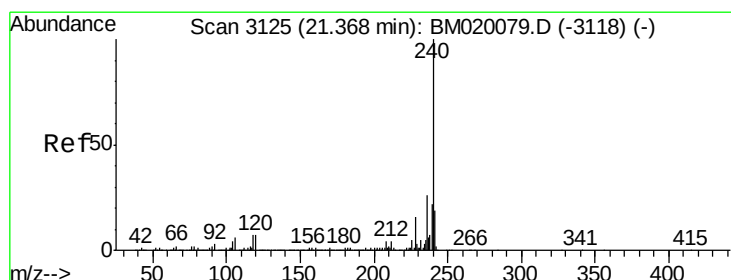
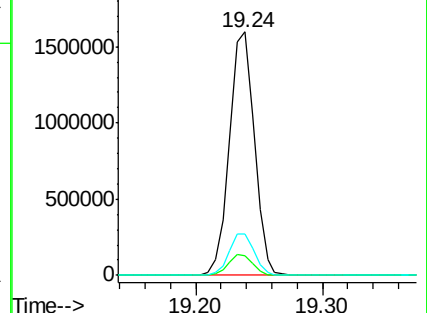
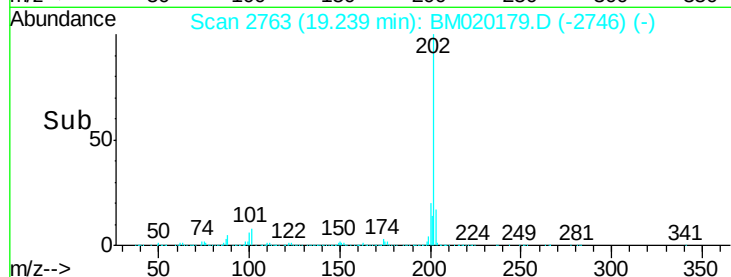
203 17.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

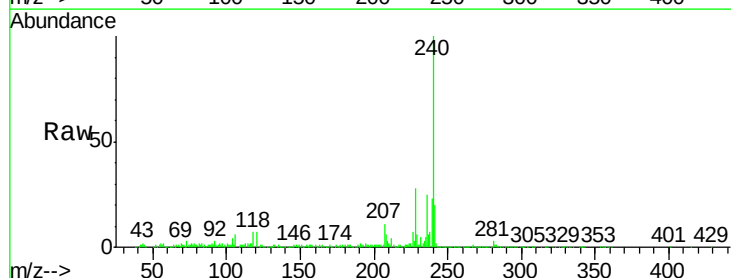
Tgt Ion:240 Resp: 689264

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

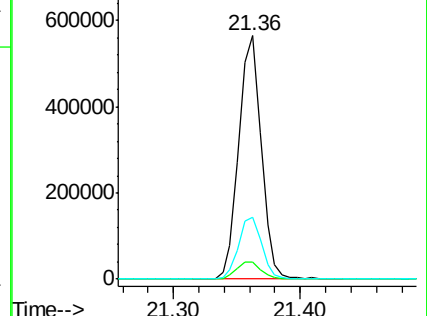
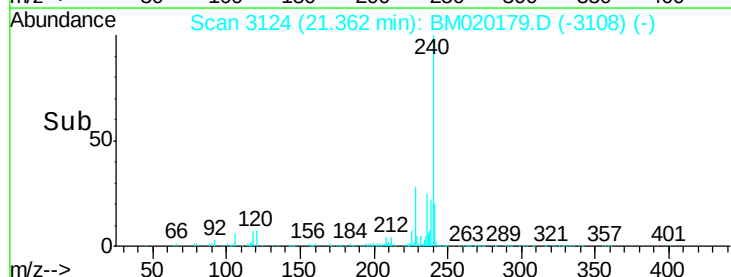
236 25.2 20.9 31.3

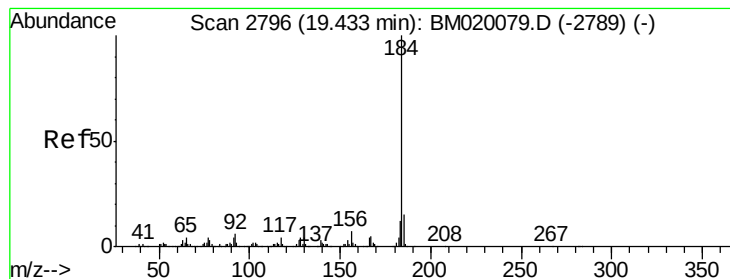


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.914 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

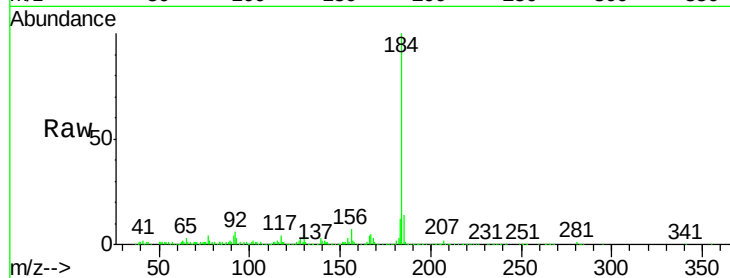
Tot Ion:184 Resp: 813442

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

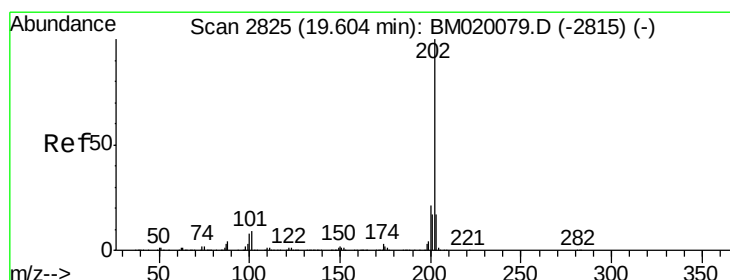
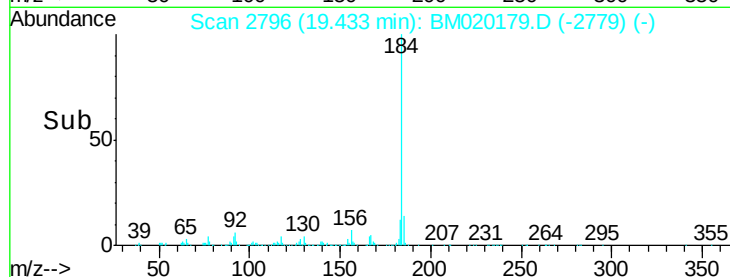
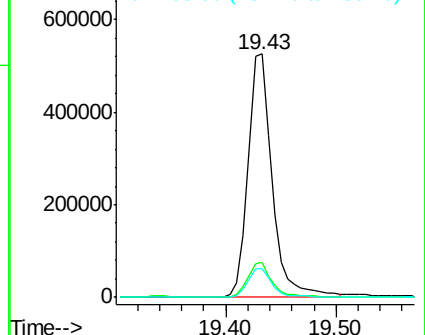
183 11.9 9.5 14.3



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: 47.845 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

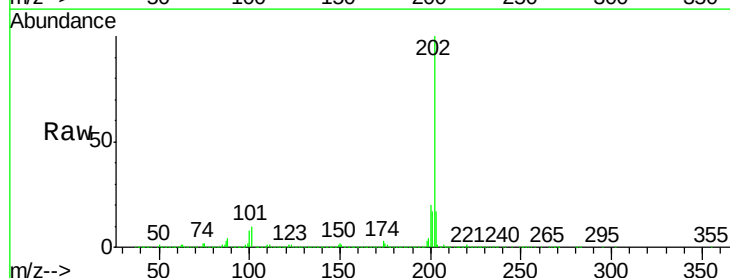
Tgt Ion:202 Resp: 2214076

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

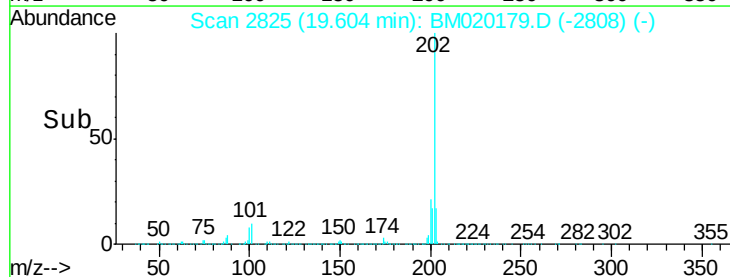
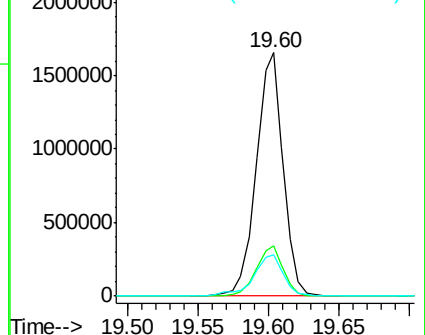
203 17.1 13.9 20.9

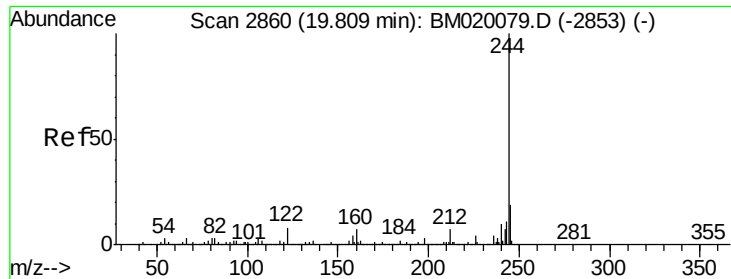


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.173 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

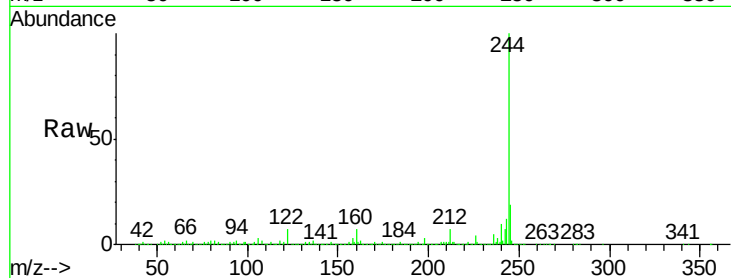
BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

Tot Ion:244 Resp: 3128697

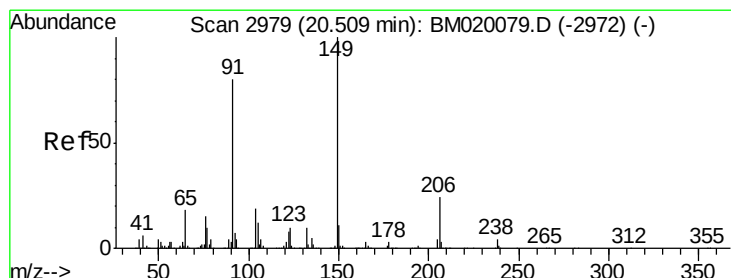
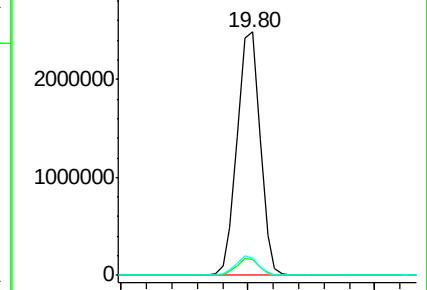
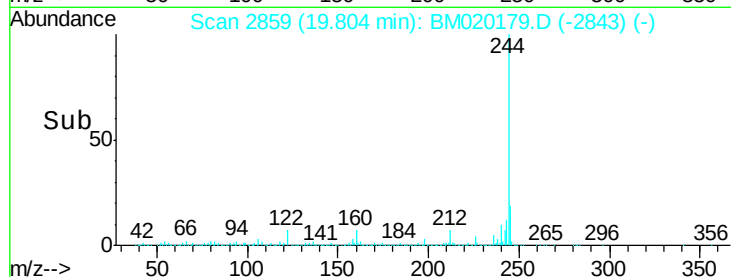
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.7   | 5.7   | 8.5   |
| 122 | 7.0   | 6.2   | 9.2   |



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: 46.802 ng

RT: 20.49 min Scan# 2976

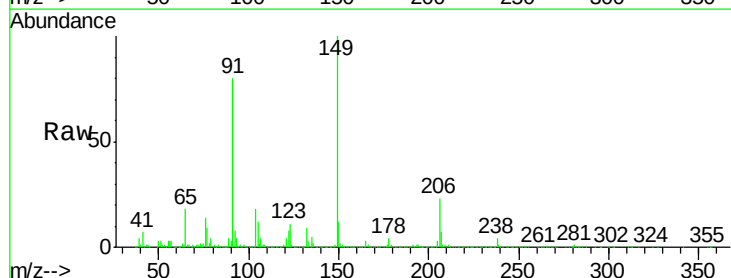
Delta R.T. -0.02 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Tgt Ion:149 Resp: 787607

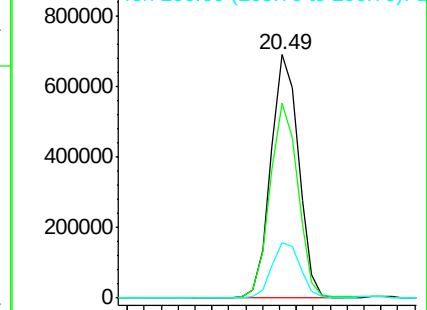
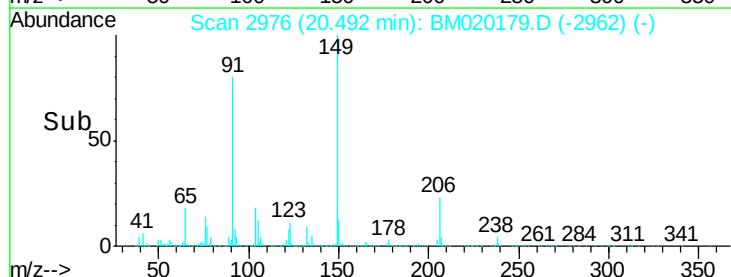
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 80.3  | 63.8  | 95.8  |
| 206 | 22.8  | 18.9  | 28.3  |

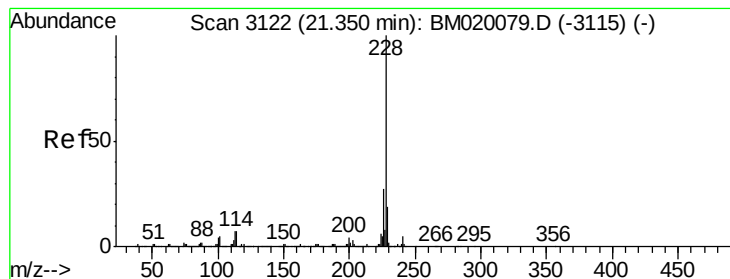


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.162 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

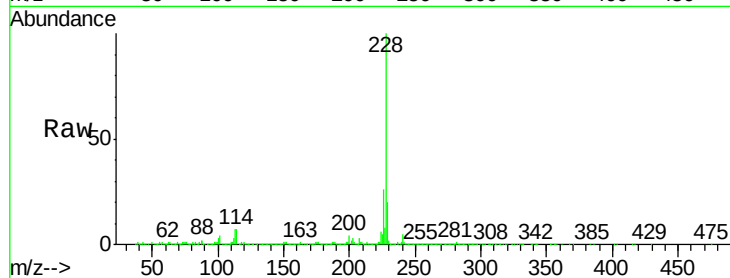
Tot Ion:228 Resp: 2134703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 25.9  | 21.3  | 31.9  |
| 229 | 19.9  | 15.5  | 23.3  |

228 100

226 25.9 21.3 31.9

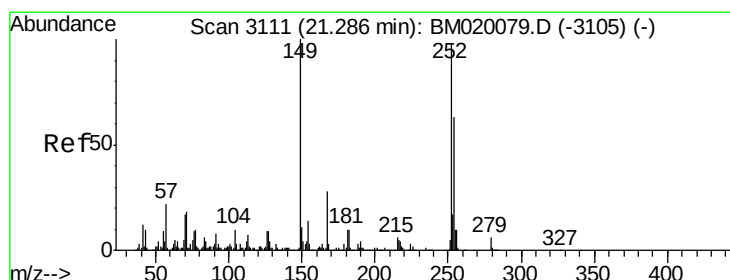
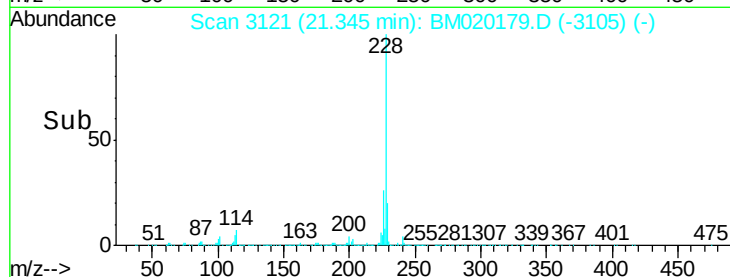
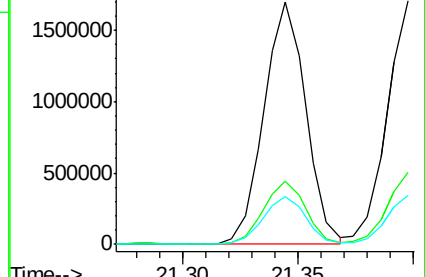
229 19.9 15.5 23.3



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: 32.277 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

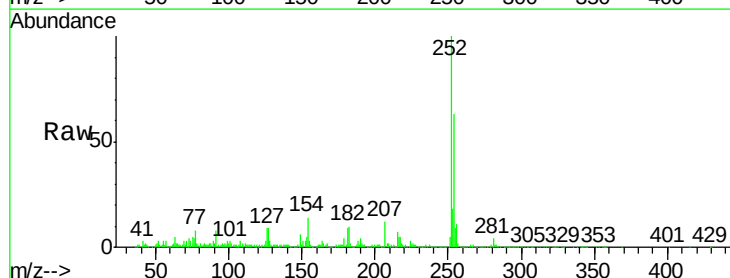
Tgt Ion:252 Resp: 595477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.5  | 51.1  | 76.7  |
| 126 | 8.7   | 7.1   | 10.7  |

252 100

254 63.5 51.1 76.7

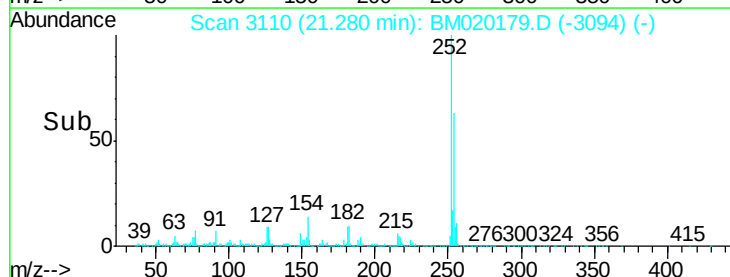
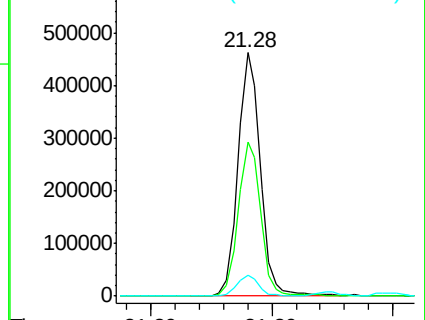
126 8.7 7.1 10.7

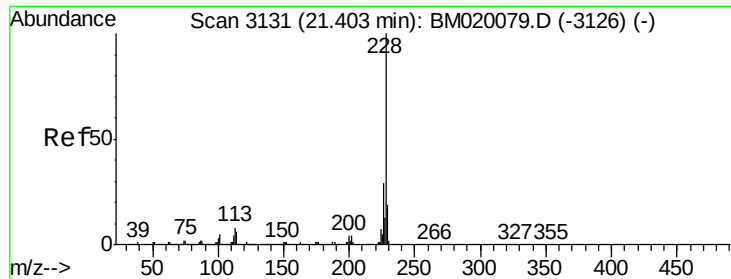


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.617 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

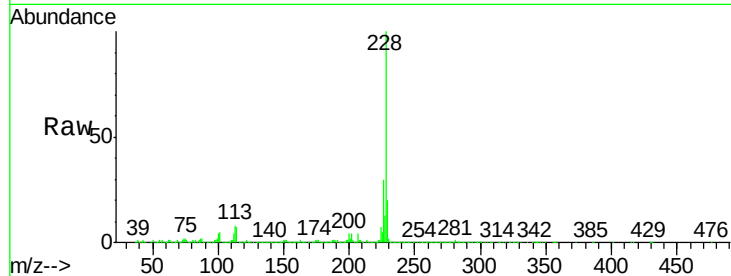
BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

Tot Ion:228 Resp: 2091642

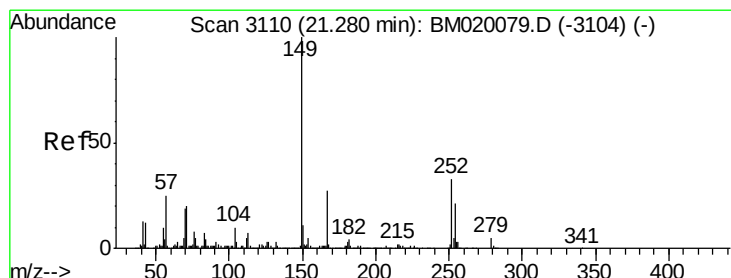
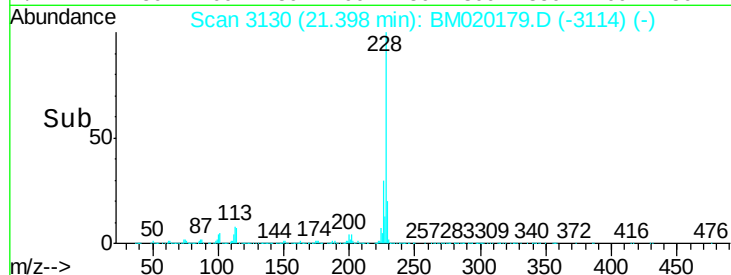
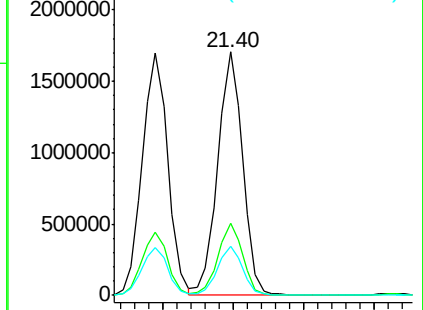
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 23.0  | 34.6  |
| 229 | 20.1  | 15.5  | 23.3  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.515 ng

RT: 21.26 min Scan# 3107

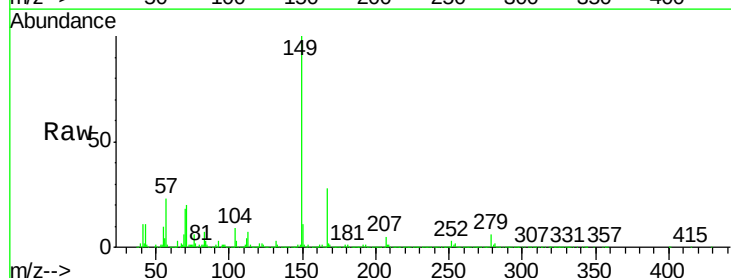
Delta R.T. -0.02 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Tgt Ion:149 Resp: 1136322

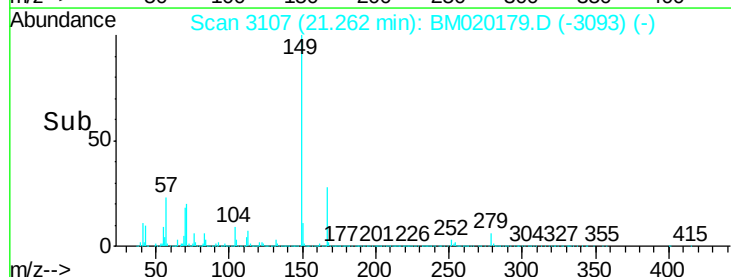
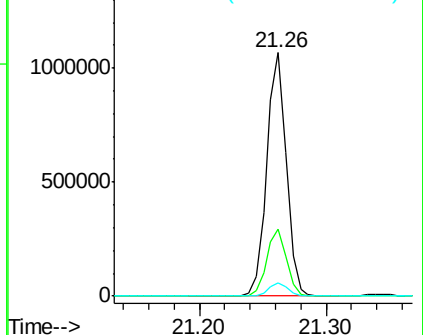
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.6  | 21.8  | 32.8  |
| 279 | 5.6   | 4.2   | 6.2   |

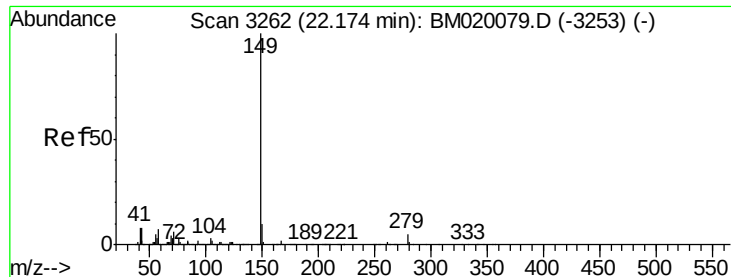


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

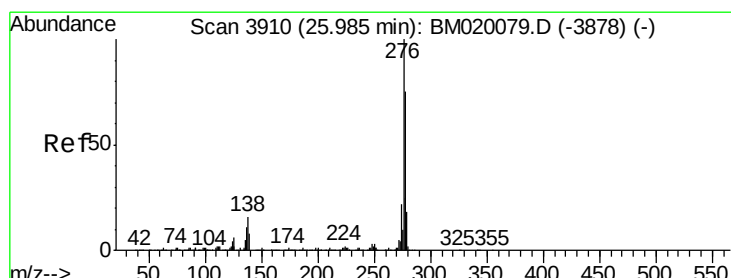
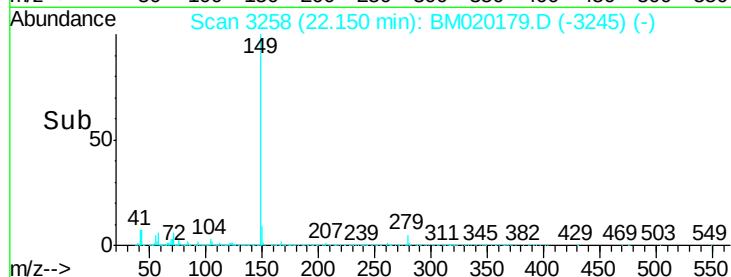
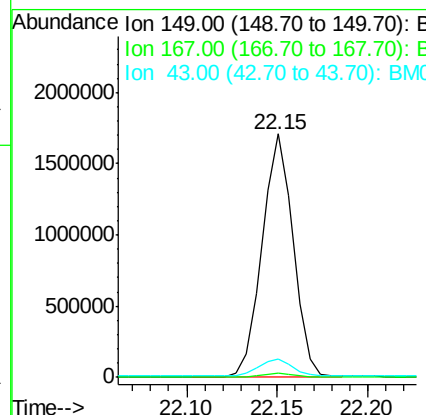
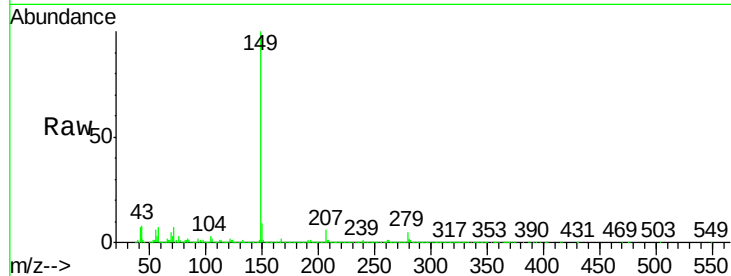




#85  
Di-n-octyl phthalate  
Concen: 46.645 ng  
RT: 22.15 min Scan# 3258  
Delta R.T. -0.02 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

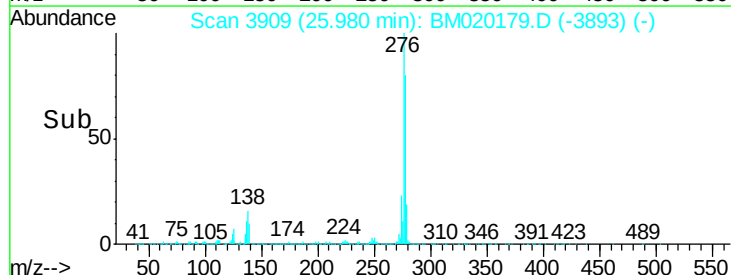
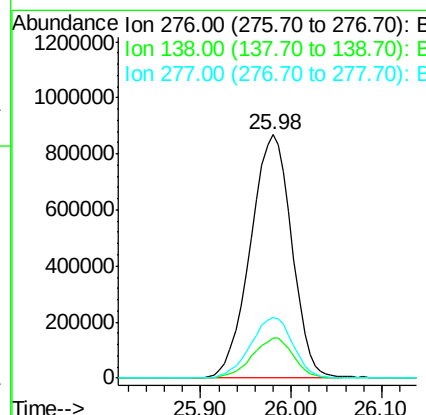
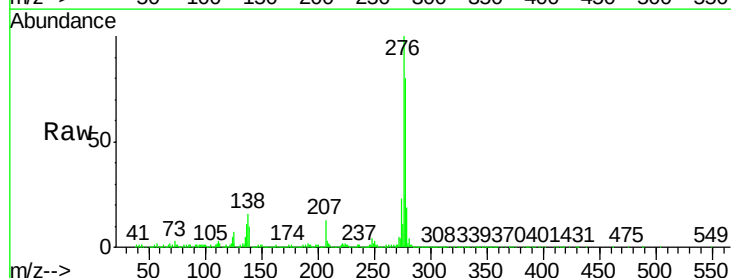
Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(33.5-35.5)MS

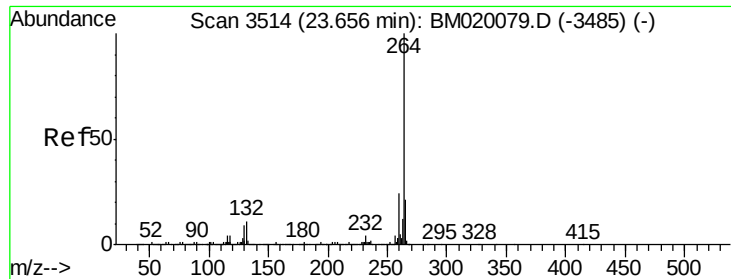
Tot Ion:149 Resp: 2024501  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 7.2 6.5 9.7



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 49.160 ng  
RT: 25.98 min Scan# 3909  
Delta R.T. -0.01 min  
Lab File: BM020179.D  
Acq: 07 May 2019 23:44

Tgt Ion:276 Resp: 2741266  
Ion Ratio Lower Upper  
276 100  
138 16.2 0.0 0.0#  
277 25.3 0.0 0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

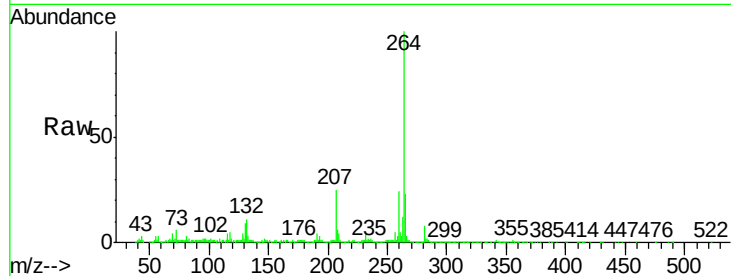
Tot Ion:264 Resp: 831027

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

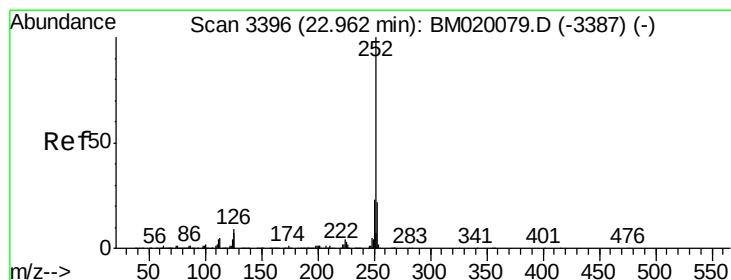
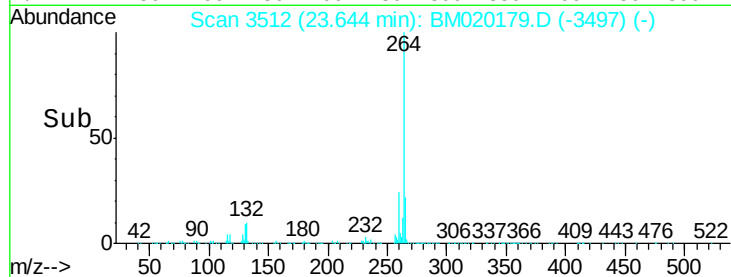
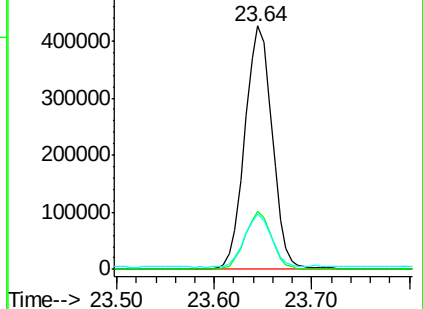
265 23.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.453 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

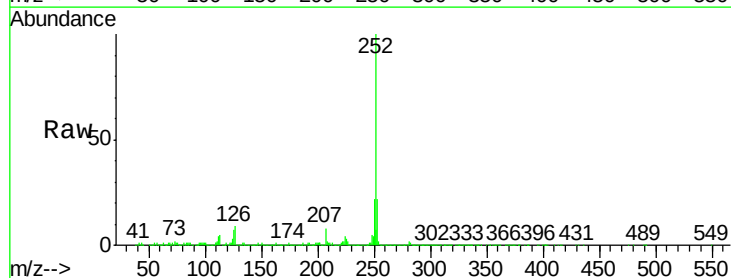
Tgt Ion:252 Resp: 2384558

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

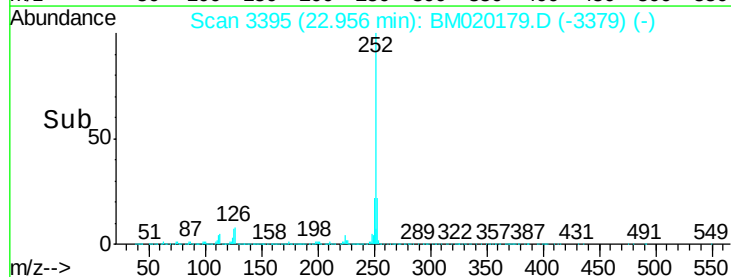
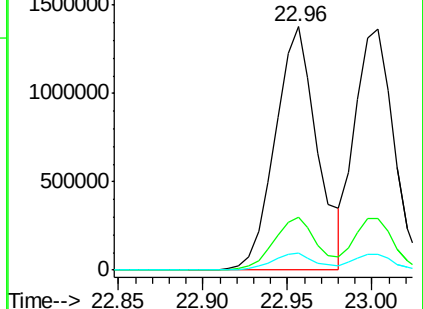
125 6.8 5.4 8.2



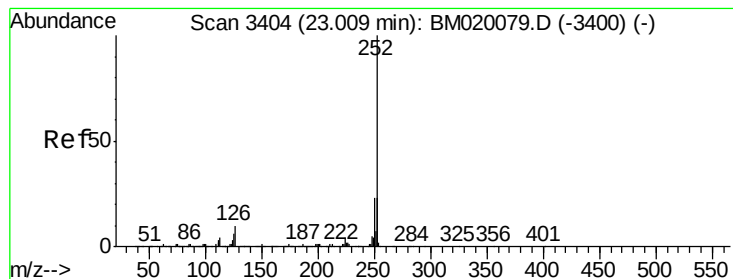
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 43.281 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

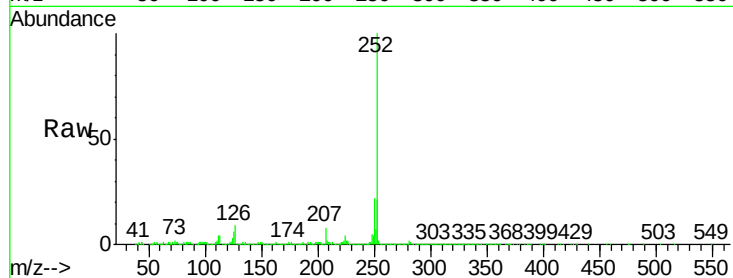
Tot Ion:252 Resp: 2166553

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

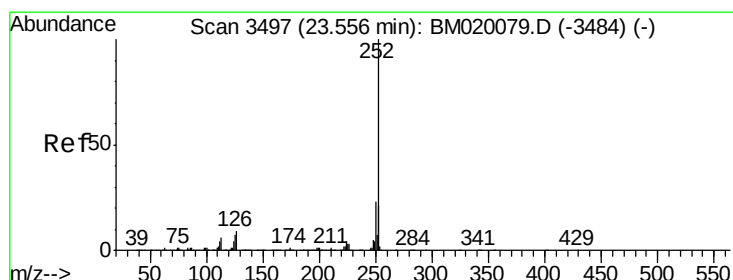
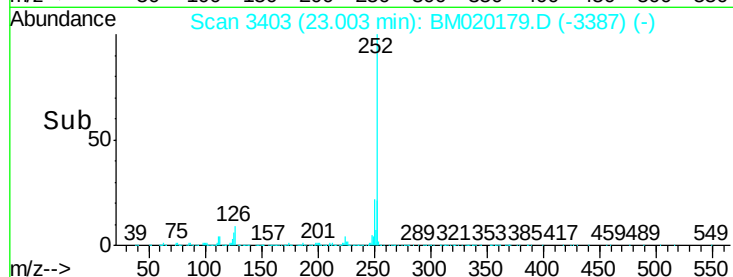
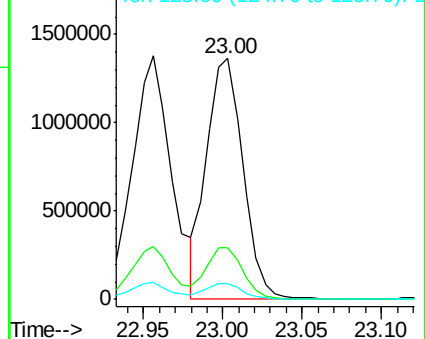
125 6.5 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.346 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

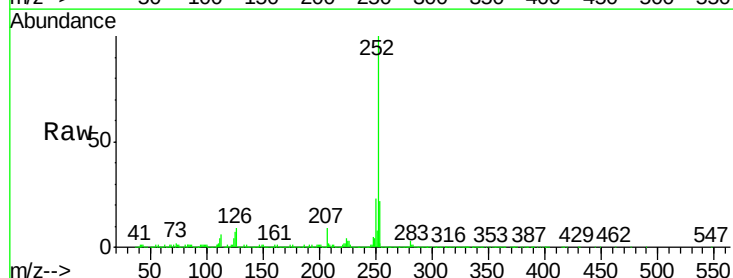
Tgt Ion:252 Resp: 2260300

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

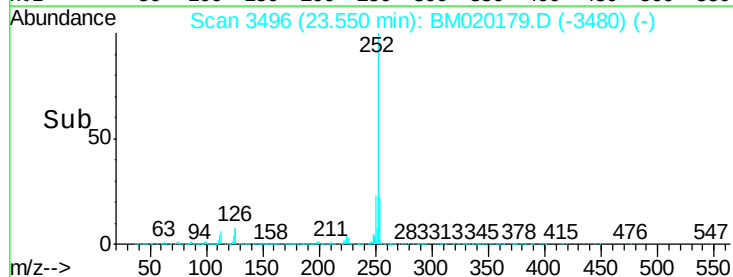
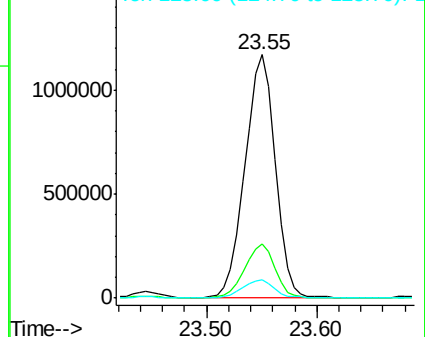
125 7.4 5.5 8.3

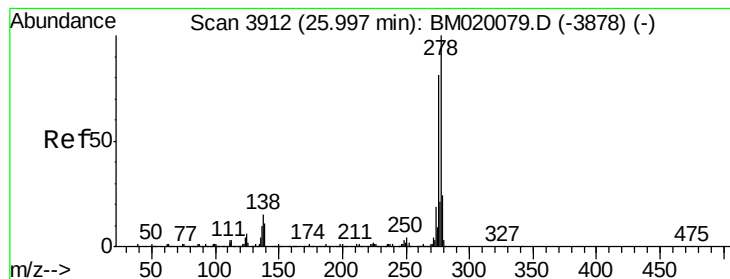


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.878 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Instrument :

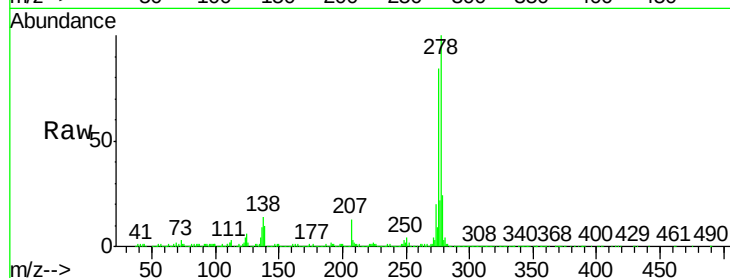
BNA\_M

ClientSampleId :

SB-2(33.5-35.5)MS

Tot Ion:278 Resp: 2326347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.2  | 8.6   | 13.0  |
| 279 | 23.6  | 18.8  | 28.2  |

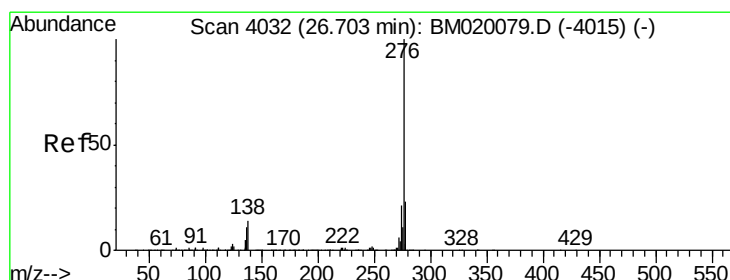
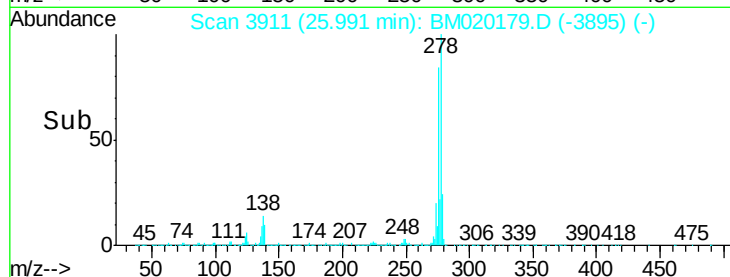
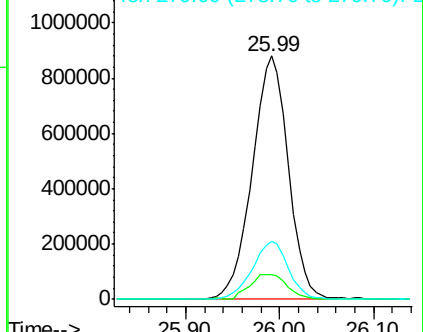


Abundance

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: 46.056 ng

RT: 26.70 min Scan# 4031

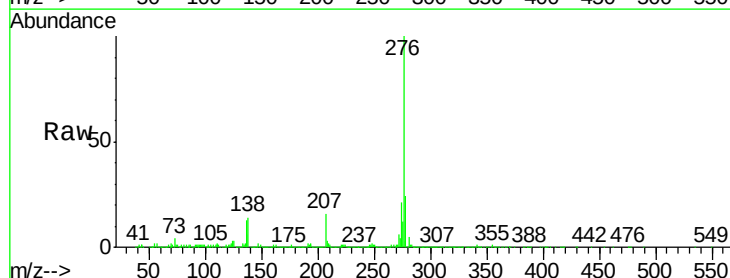
Delta R.T. -0.01 min

Lab File: BM020179.D

Acq: 07 May 2019 23:44

Tgt Ion:276 Resp: 2266632

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 18.4  | 27.6  |
| 138 | 14.5  | 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

