

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\  
 Data File : BM020552.D  
 Acq On : 24 May 2019 21:55  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 25 05:25:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 24 16:07:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 49669    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.45 | 136  | 207292   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.32 | 164  | 158769   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.07 | 188  | 450391   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.27 | 240  | 588183   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.50 | 264  | 657414   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.25  | 112  | 203640   | 80.43 | ng    | 0.00     |
| 7) Phenol-d6                | 6.84  | 99   | 309179   | 80.91 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.83  | 82   | 399686   | 80.93 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.82 | 330  | 261443   | 82.19 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.93 | 172  | 997860   | 78.86 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.70 | 244  | 2540212  | 78.07 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.17  | 88   | 57932    | 43.727 | ng    | 98     |
| 3) Pyridine                    | 3.58  | 79   | 166869   | 42.669 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.50  | 42   | 37236    | 39.632 | ng    | 95     |
| 6) Aniline                     | 7.00  | 93   | 218593   | 39.544 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.22  | 128  | 121637   | 39.290 | ng    | 96     |
| 9) Benzaldehyde                | 6.82  | 77   | 100608   | 41.239 | ng    | 98     |
| 10) Phenol                     | 6.87  | 94   | 166166   | 40.269 | ng    | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.10  | 93   | 119504   | 38.808 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.55  | 146  | 158784   | 40.049 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 7.70  | 146  | 158398   | 39.969 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.00  | 146  | 157819   | 39.723 | ng    | 96     |
| 15) Benzyl Alcohol             | 7.92  | 79   | 136420   | 38.580 | ng    | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19  | 45   | 83871    | 39.078 | ng    | 97     |
| 17) 2-Methylphenol             | 8.11  | 107  | 106418   | 39.063 | ng    | 97     |
| 18) Hexachloroethane           | 8.72  | 117  | 66949    | 41.704 | ng    | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.47  | 70   | 136617   | 40.262 | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.45  | 107  | 146484   | 40.095 | ng    | 95     |
| 22) Acetophenone               | 8.49  | 105  | 226926   | 39.754 | ng    | # 98   |
| 24) Nitrobenzene               | 8.87  | 77   | 197698   | 40.533 | ng    | 96     |
| 25) Isophorone                 | 9.39  | 82   | 371381   | 40.413 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.58  | 139  | 68150    | 37.868 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 9.63  | 122  | 104315   | 38.910 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.87  | 93   | 186217   | 38.927 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.11 | 162  | 143542   | 40.257 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.31 | 180  | 200904   | 41.208 | ng    | 95     |
| 31) Naphthalene                | 10.50 | 128  | 427565   | 39.947 | ng    | 99     |
| 32) Benzoic acid               | 9.80  | 122  | 50294    | 32.290 | ng    | 92     |
| 33) 4-Chloroaniline            | 10.63 | 127  | 162426   | 38.021 | ng    | 98     |
| 34) Hexachlorobutadiene        | 10.76 | 225  | 154061   | 42.503 | ng    | 99     |
| 35) Caprolactam                | 11.45 | 113  | 41658    | 35.498 | ng    | 94     |
| 36) 4-Chloro-3-methylphenol    | 11.76 | 107  | 155642   | 40.112 | ng    | 96     |
| 37) 2-Methylnaphthalene        | 12.12 | 142  | 327400   | 40.040 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.34 | 142  | 316789   | 39.986 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216  | 267295   | 40.049 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\  
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 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

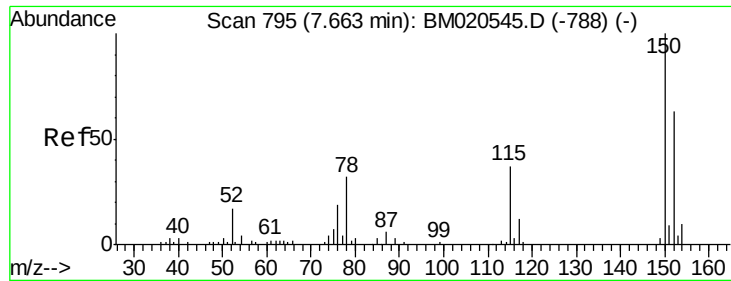
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 25 05:25:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 24 16:07:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.45 | 237  | 108402   | 38.007 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.75 | 196  | 162866   | 39.432 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.82 | 196  | 150179   | 38.937 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.15 | 154  | 472765   | 38.663 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.19 | 162  | 405792   | 39.147 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.42 | 65   | 118983   | 37.918 | ng    | 93       |
| 49) Acenaphthylene             | 14.04 | 152  | 617148   | 39.150 | ng    | 99       |
| 50) Dimethylphthalate          | 13.79 | 163  | 560361   | 39.846 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.92 | 165  | 116522   | 39.754 | ng    | 90       |
| 52) Acenaphthene               | 14.38 | 154  | 375131   | 39.490 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.26 | 138  | 92998    | 37.050 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.47 | 184  | 56622    | 36.536 | ng    | 97       |
| 55) Dibenzofuran               | 14.72 | 168  | 653901   | 39.779 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.58 | 139  | 60093    | 36.500 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.72 | 165  | 170362   | 40.250 | ng    | 96       |
| 58) Fluorene                   | 15.37 | 166  | 547837   | 40.119 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 182113   | 40.578 | ng    | 98       |
| 60) Diethylphthalate           | 15.14 | 149  | 558826   | 40.332 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 354335   | 40.646 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.43 | 138  | 87163    | 35.378 | ng    | 100      |
| 63) Azobenzene                 | 15.66 | 77   | 561449   | 41.643 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 104248   | 38.051 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.59 | 169  | 476396   | 39.010 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.26 | 248  | 238456   | 39.743 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.36 | 284  | 292327   | 40.184 | ng    | 98       |
| 69) Atrazine                   | 16.54 | 200  | 207175   | 41.233 | ng    | 98       |
| 70) Pentachlorophenol          | 16.72 | 266  | 151089   | 40.209 | ng    | 99       |
| 71) Phenanthrene               | 17.12 | 178  | 966296   | 39.493 | ng    | 99       |
| 72) Anthracene                 | 17.20 | 178  | 919896   | 38.768 | ng    | 99       |
| 73) Carbazole                  | 17.49 | 167  | 794860   | 39.034 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.03 | 149  | 998906   | 39.877 | ng    | 100      |
| 75) Fluoranthene               | 19.13 | 202  | 1370114  | 40.268 | ng    | 100      |
| 77) Benzidine                  | 19.34 | 184  | 400324   | 37.035 | ng    | 98       |
| 78) Pyrene                     | 19.50 | 202  | 1420476  | 38.468 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 494116   | 38.083 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.25 | 228  | 1591340  | 39.091 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 580038   | 39.038 | ng    | 99       |
| 83) Chrysene                   | 21.30 | 228  | 1565123  | 39.789 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 729312   | 38.568 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.04 | 149  | 1285427  | 39.101 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.78 | 276  | 1910693  | 40.173 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.83 | 252  | 1657401  | 38.519 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.87 | 252  | 1730344  | 41.434 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.41 | 252  | 1578316  | 39.861 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.79 | 278  | 1611575  | 39.761 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.48 | 276  | 1493557  | 39.752 | ng    | 98       |

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



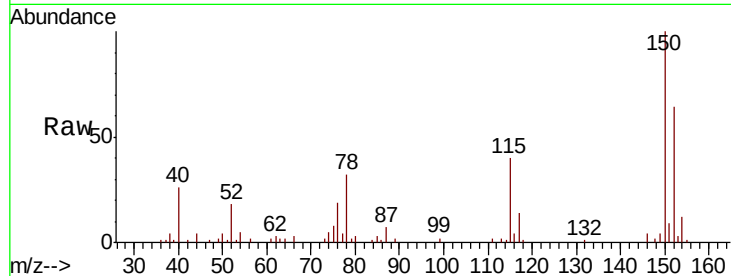


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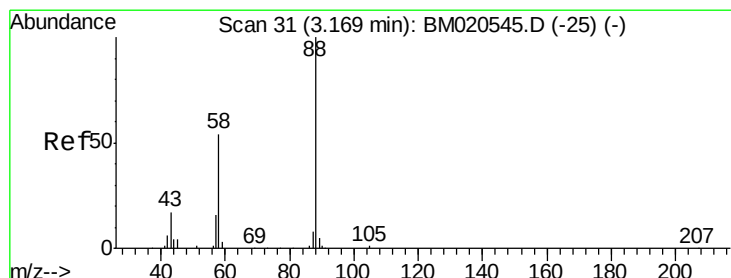
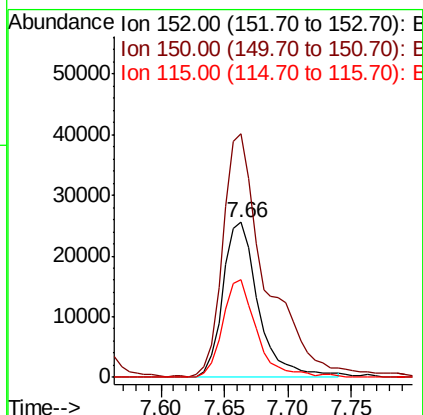
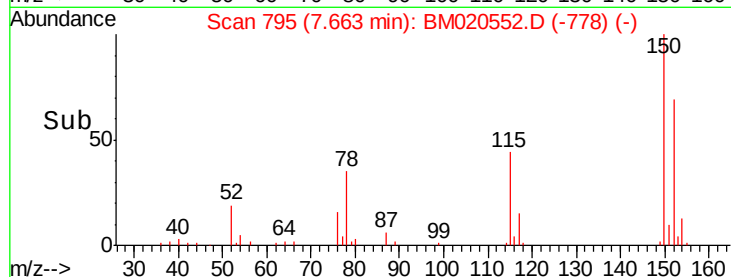
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.66 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 49669  
Ion Ratio Lower Upper  
152 100  
150 157.3 126.6 190.0  
115 63.2 46.6 70.0



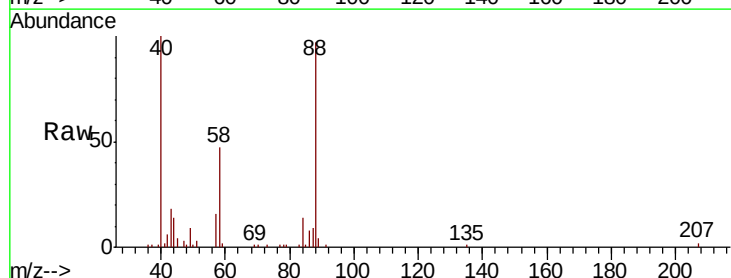
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



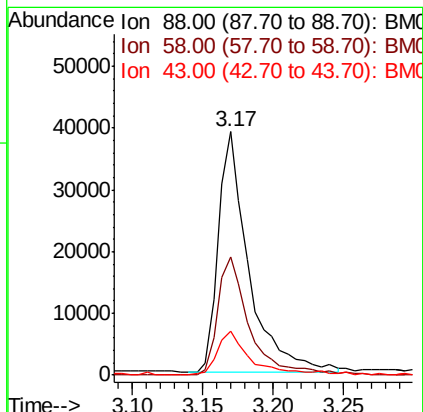
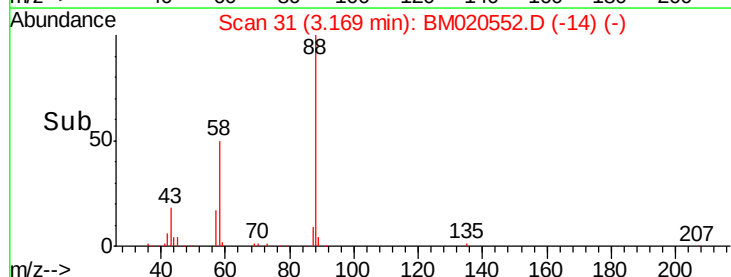
#2

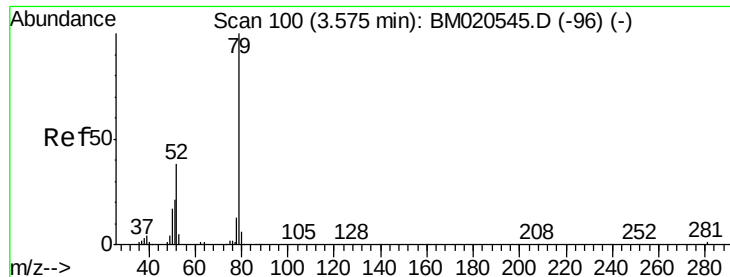
1,4-Dioxane  
Concen: 43.727 ng  
RT: 3.17 min Scan# 31  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion: 88 Resp: 57932  
Ion Ratio Lower Upper  
88 100  
58 51.1 42.3 63.5  
43 20.1 16.0 24.0



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: 42.669 ng

RT: 3.58 min Scan# 100

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

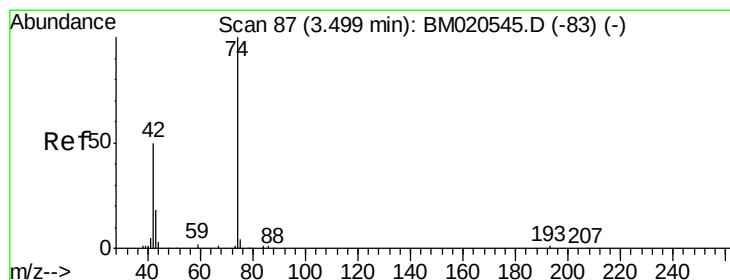
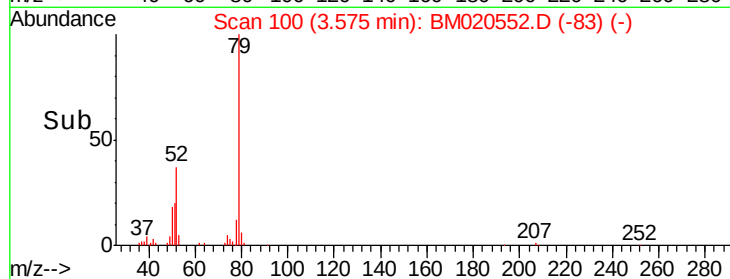
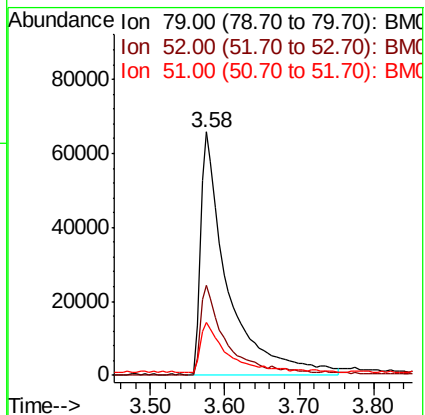
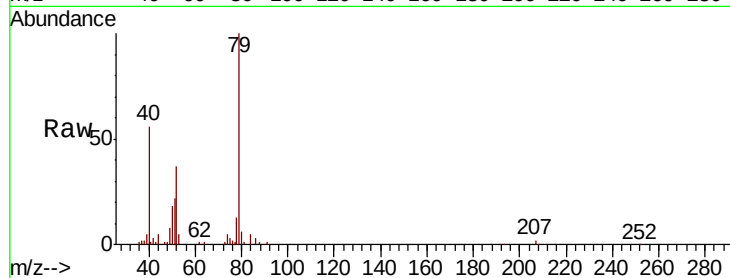
Tot Ion: 79 Resp: 166869

Ion Ratio Lower Upper

79 100

52 36.9 30.1 45.1

51 21.6 17.8 26.8



#4

n-Nitrosodimethylamine

Concen: 39.632 ng

RT: 3.50 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

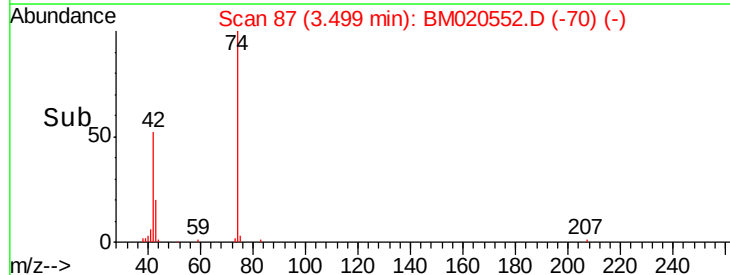
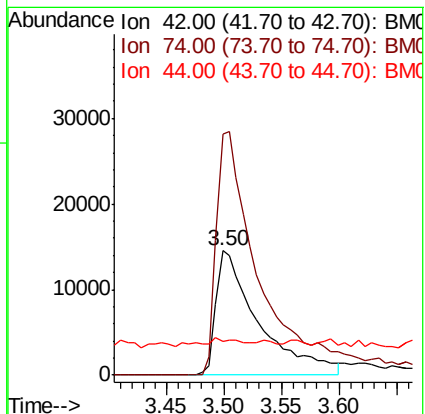
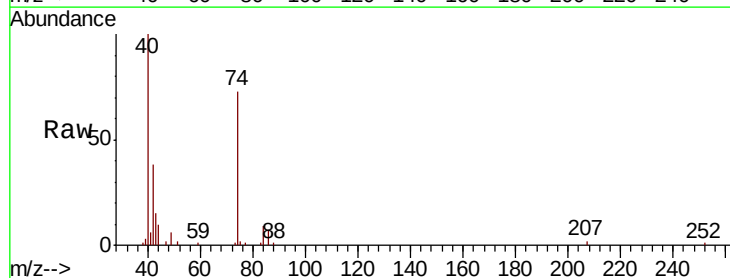
Tgt Ion: 42 Resp: 37236

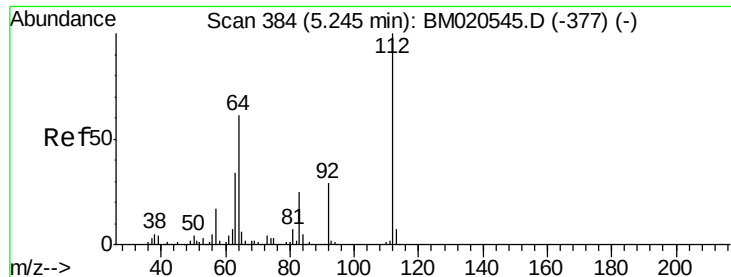
Ion Ratio Lower Upper

42 100

74 193.7 161.1 241.7

44 27.1 20.9 31.3





#5

2-Fluorophenol

Concen: 80.433 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

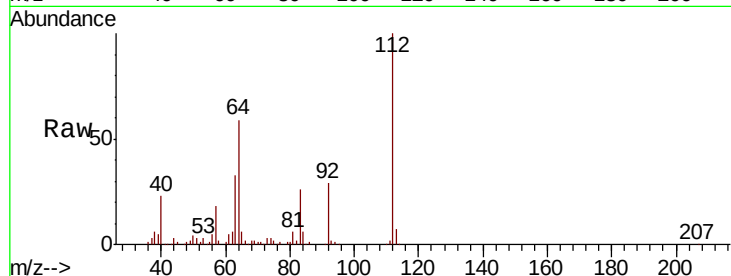
Tot Ion:112 Resp: 203640

Ion Ratio Lower Upper

112 100

64 58.9 48.6 73.0

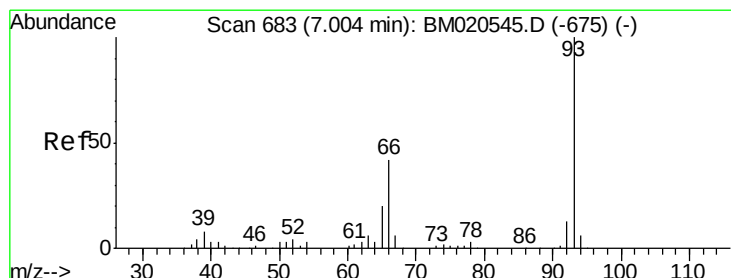
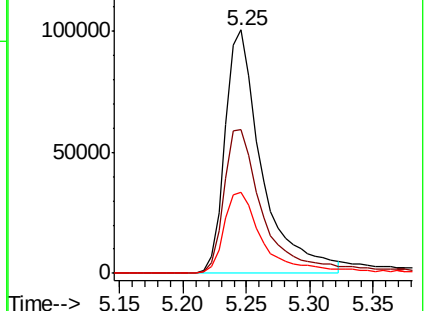
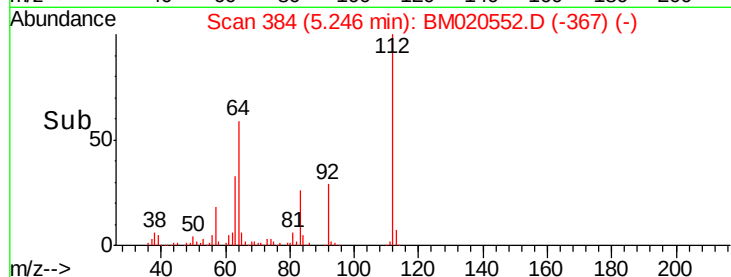
63 33.2 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 39.544 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

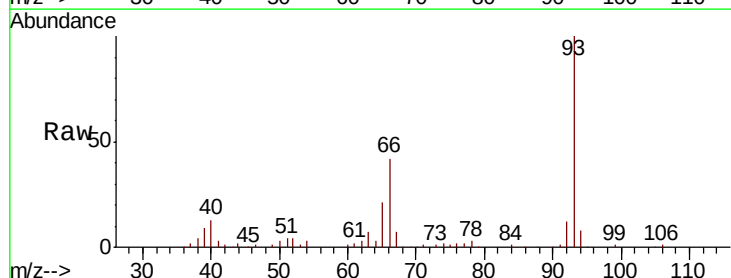
Tgt Ion: 93 Resp: 218593

Ion Ratio Lower Upper

93 100

66 42.3 34.5 51.7

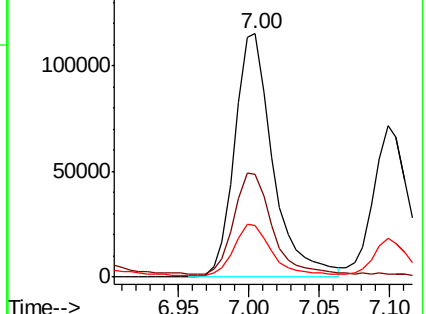
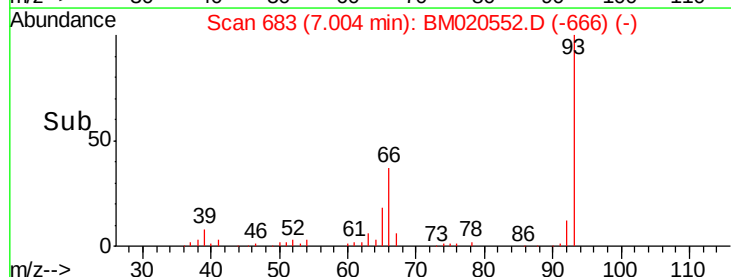
65 21.0 16.2 24.2

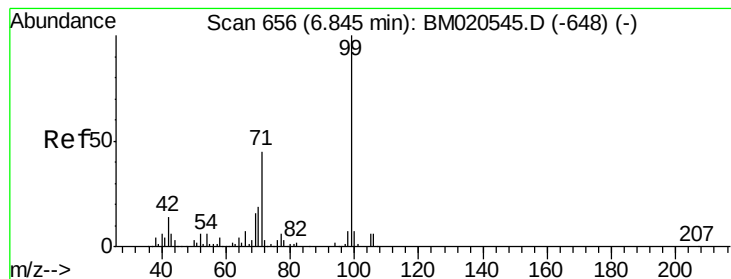


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.908 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

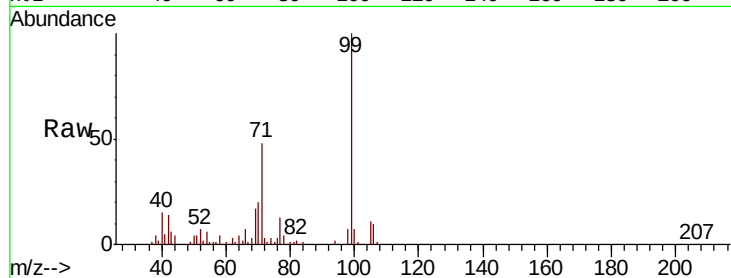
Tot Ion: 99 Resp: 309179

Ion Ratio Lower Upper

99 100

42 14.0 10.8 16.2

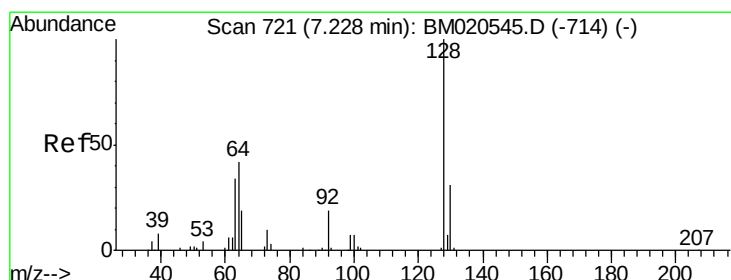
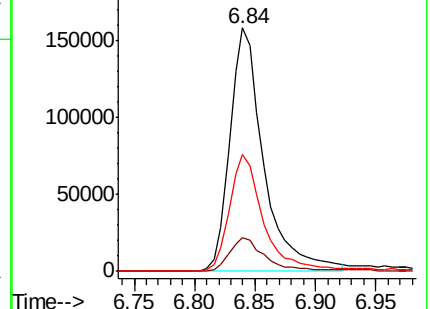
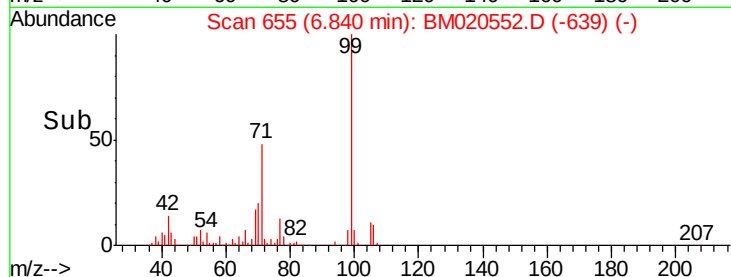
71 47.8 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020552.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM020552.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM020552.D (-639) (-)



#8

2-Chlorophenol

Concen: 39.290 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

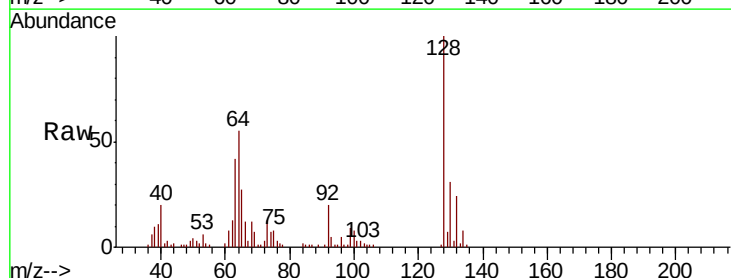
Tgt Ion: 128 Resp: 121637

Ion Ratio Lower Upper

128 100

130 31.2 11.2 51.2

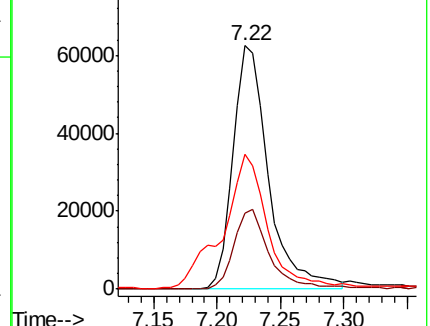
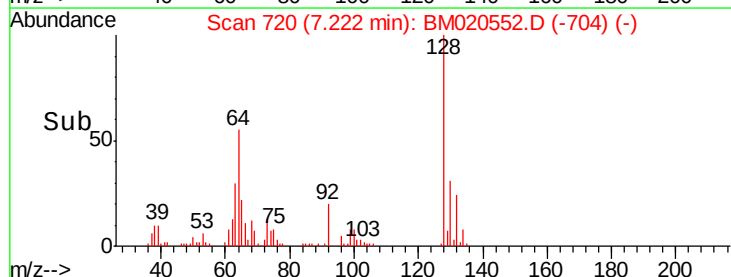
64 55.2 31.1 71.1



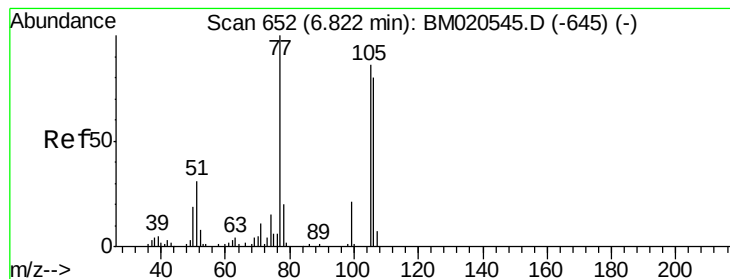
Abundance Ion 128.00 (127.70 to 128.70): BM020552.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM020552.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM020552.D (-704) (-)







#9

Benzaldehyde

Concen: 41.239 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

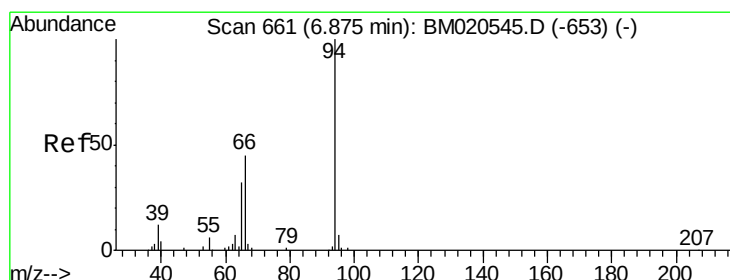
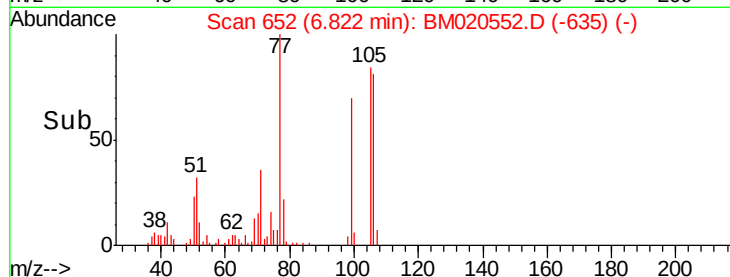
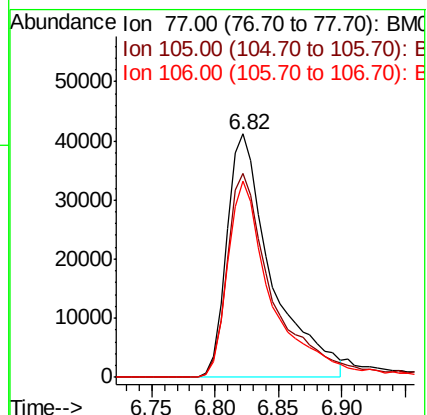
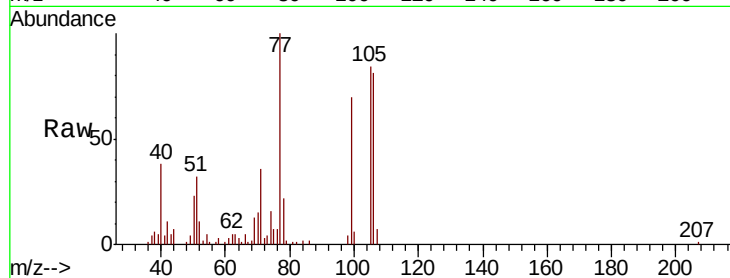
Tot Ion: 77 Resp: 100608

Ion Ratio Lower Upper

77 100

105 83.7 66.1 106.1

106 80.7 60.0 100.0



#10

Phenol

Concen: 40.269 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

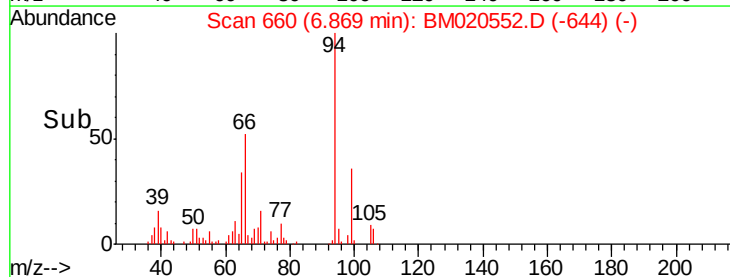
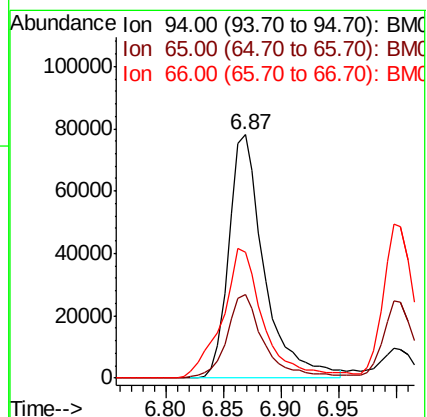
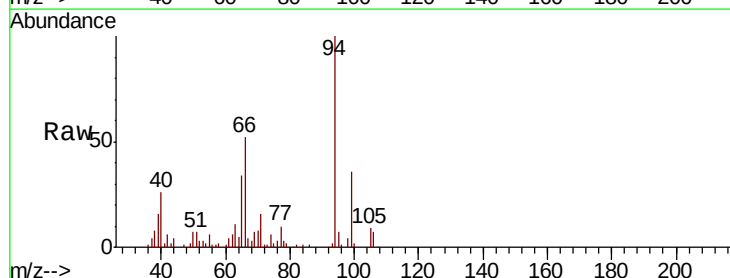
Tgt Ion: 94 Resp: 166166

Ion Ratio Lower Upper

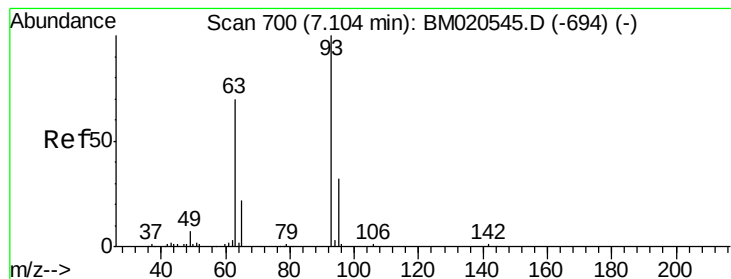
94 100

65 34.3 12.4 52.4

66 51.7 27.4 67.4







#11

bis(2-Chloroethyl)ether

Concen: 38.808 ng

RT: 7.10 min Scan# 699

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

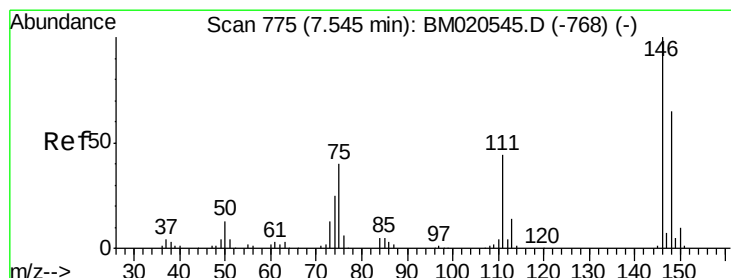
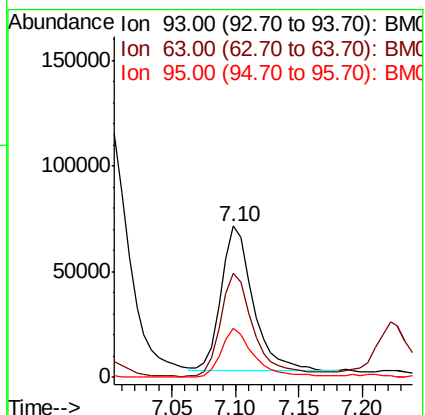
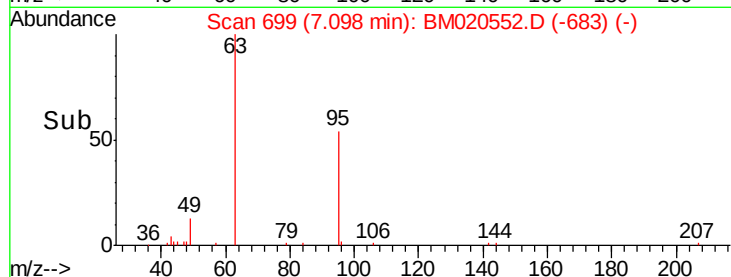
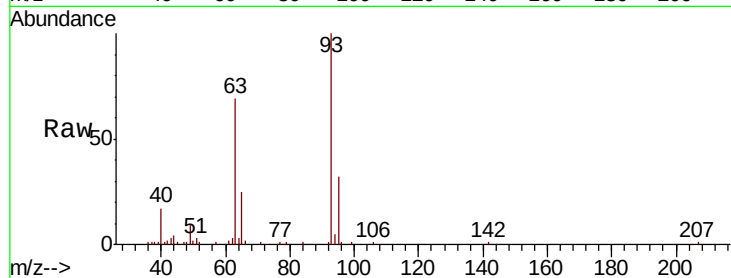
Tot Ion: 93 Resp: 119504

Ion Ratio Lower Upper

93 100

63 69.2 47.6 87.6

95 32.5 10.9 50.9



#12

1,3-Dichlorobenzene

Concen: 40.049 ng

RT: 7.55 min Scan# 775

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

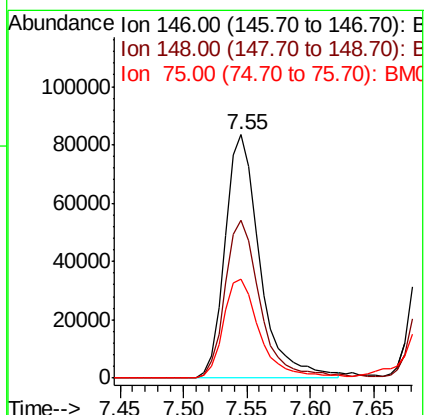
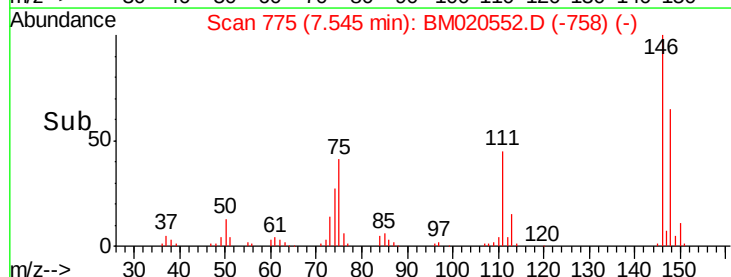
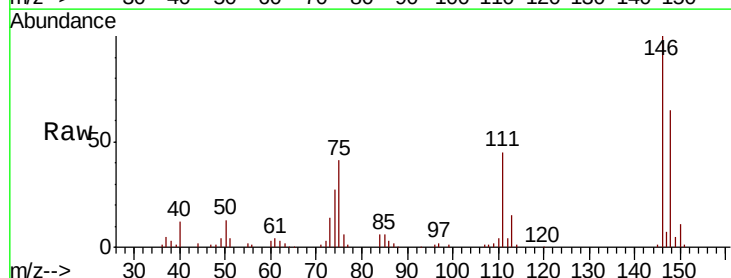
Tgt Ion: 146 Resp: 158784

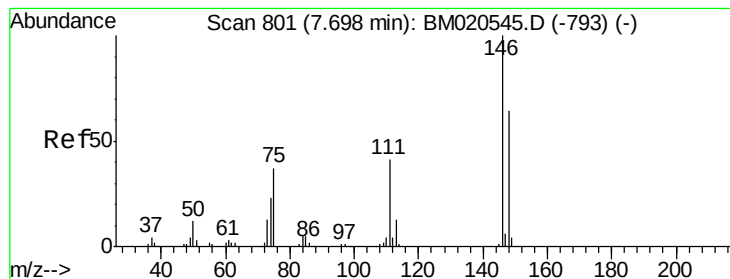
Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

75 40.6 31.6 47.4





#13

1,4-Dichlorobenzene

Concen: 39.969 ng

RT: 7.70 min Scan# 801

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

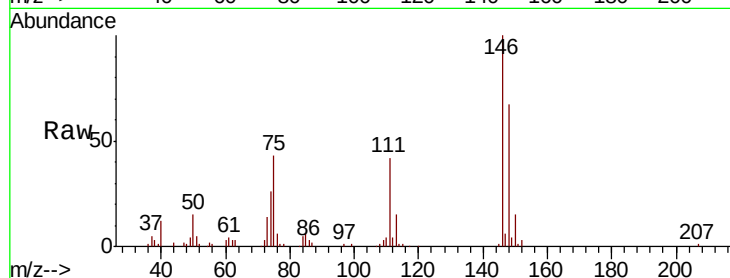
Tot Ion:146 Resp: 158398

Ion Ratio Lower Upper

146 100

148 67.2 51.1 76.7

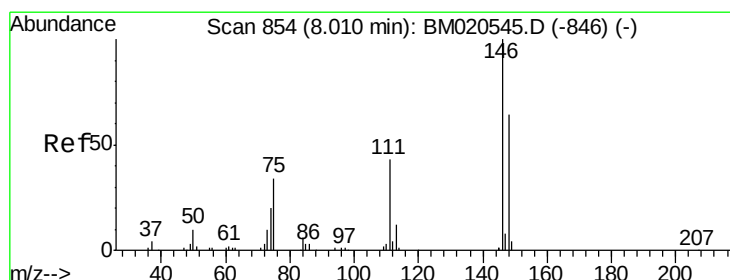
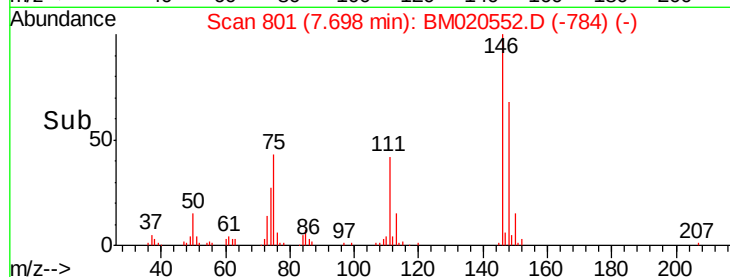
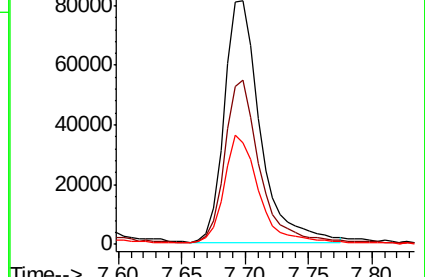
111 41.9 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.723 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

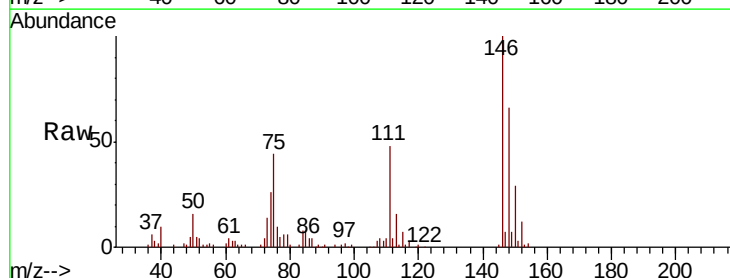
Tgt Ion:146 Resp: 157819

Ion Ratio Lower Upper

146 100

148 65.9 51.2 76.8

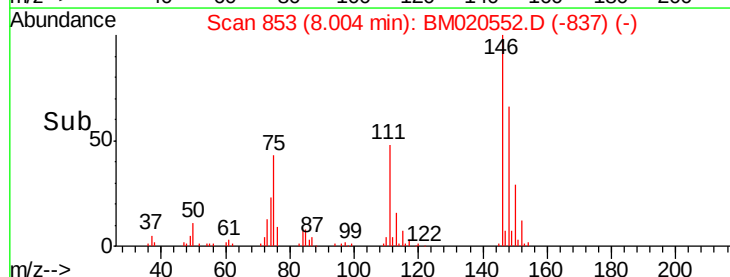
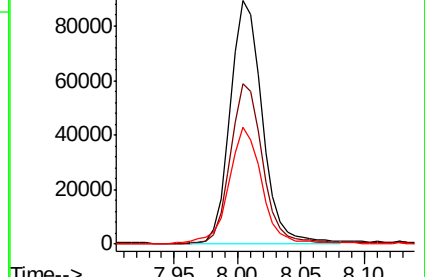
111 48.2 35.2 52.8

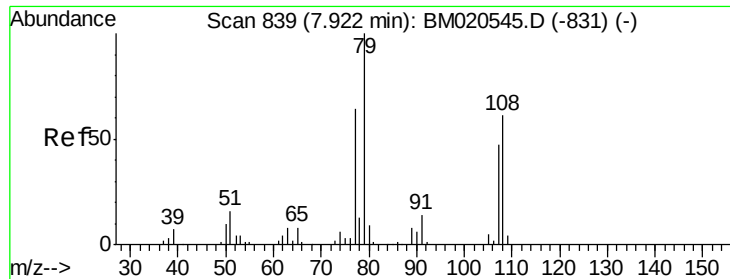


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

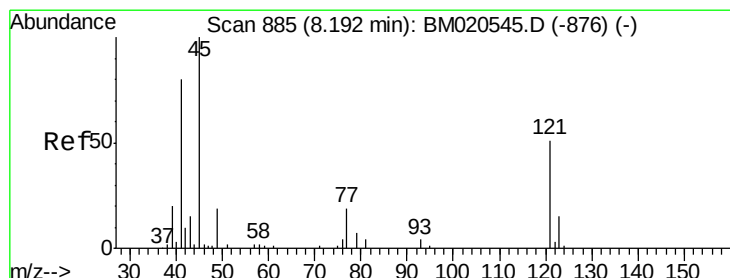
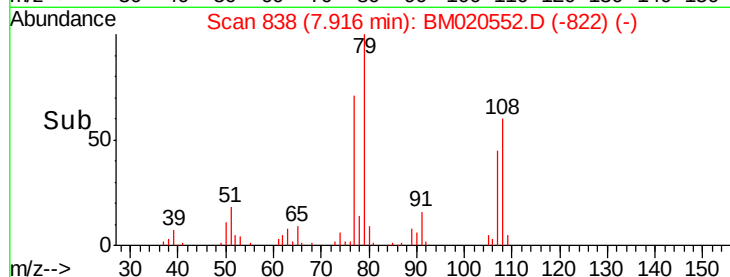
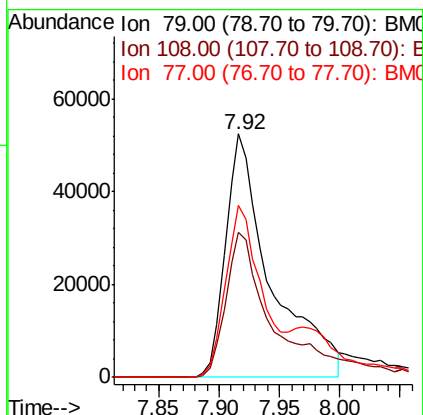
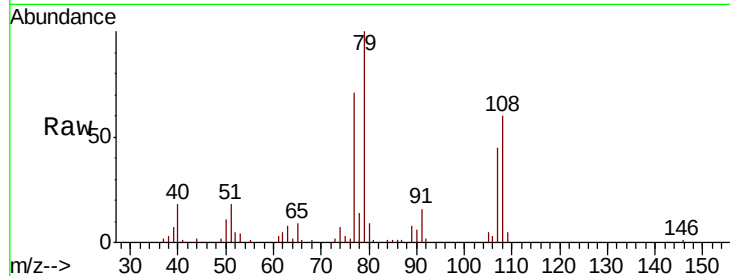




#15  
Benzyl Alcohol  
Concen: 38.580 ng  
RT: 7.92 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

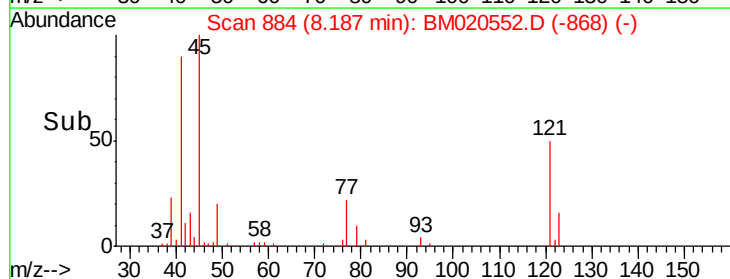
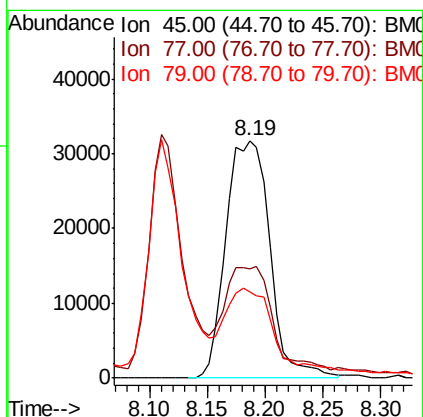
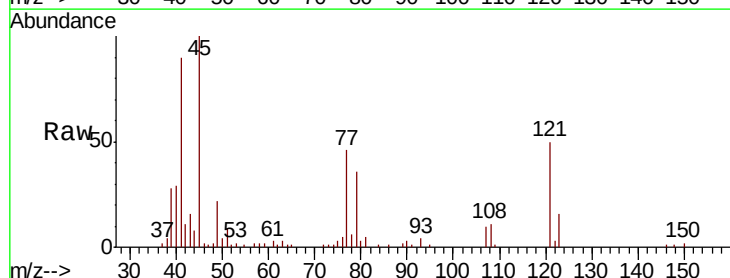
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

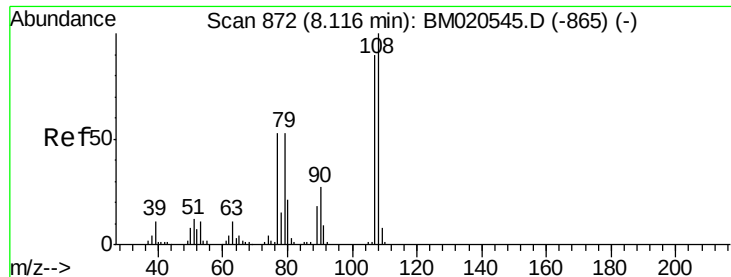
Tot Ion: 79 Resp: 136420  
Ion Ratio Lower Upper  
79 100  
108 59.8 48.5 72.7  
77 70.6 50.9 76.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.078 ng  
RT: 8.19 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion: 45 Resp: 83871  
Ion Ratio Lower Upper  
45 100  
77 46.0 25.0 65.0  
79 36.3 13.1 53.1

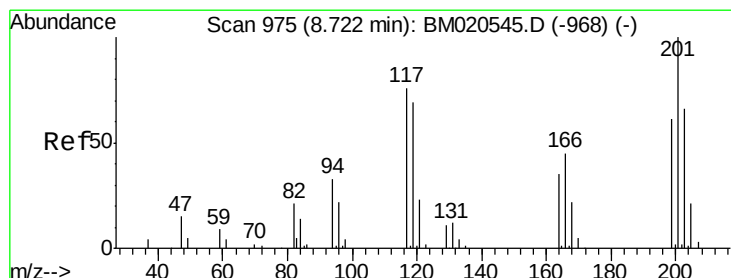
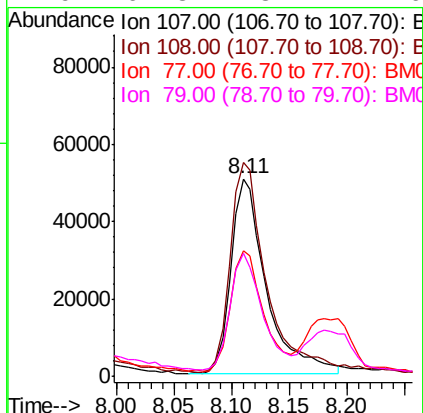
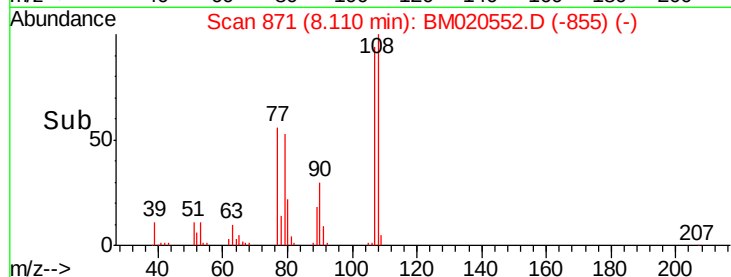
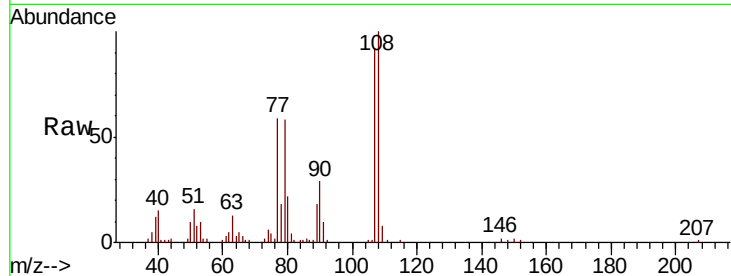




#17  
2-Methylphenol  
Concen: 39.063 ng  
RT: 8.11 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

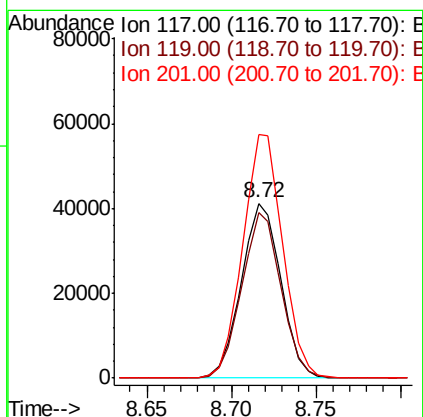
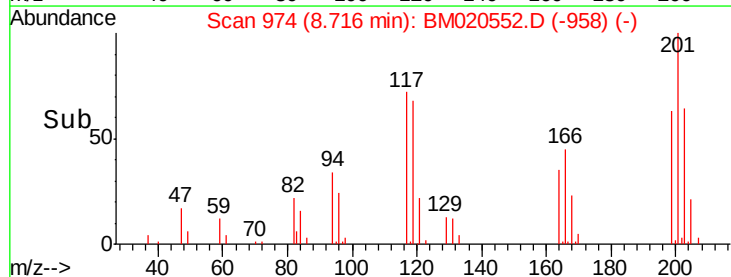
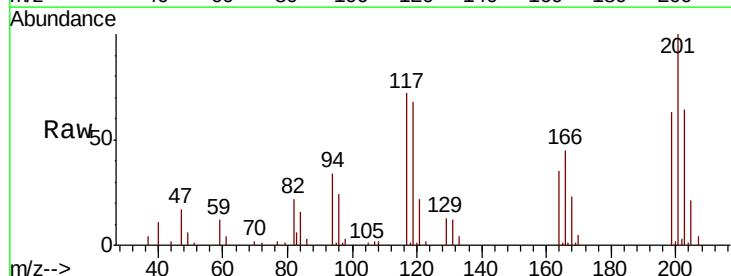
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

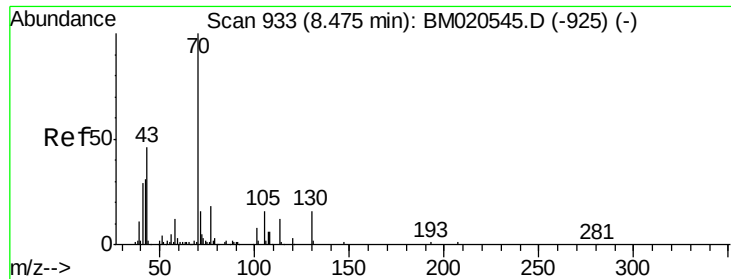
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 106418 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.1 | 89.4  | 134.2  |
| 77       | 63.7  | 48.2  | 72.4   |
| 79       | 62.3  | 48.4  | 72.6   |



#18  
Hexachloroethane  
Concen: 41.704 ng  
RT: 8.72 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 66949 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.7  | 73.2  | 109.8 |
| 201      | 139.4 | 105.8 | 158.8 |

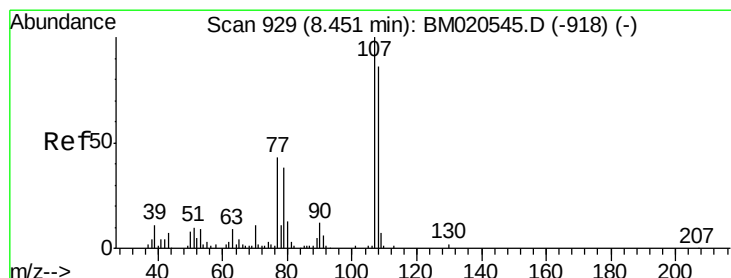
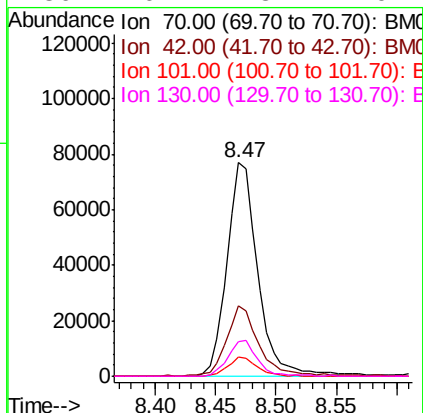
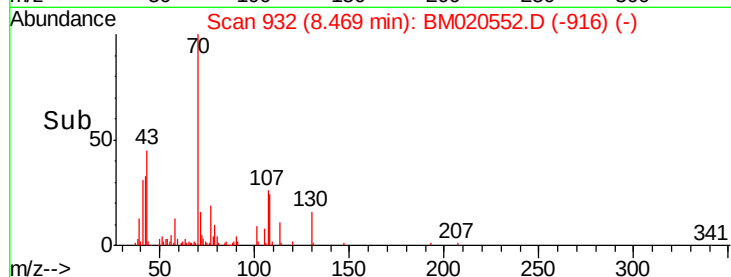
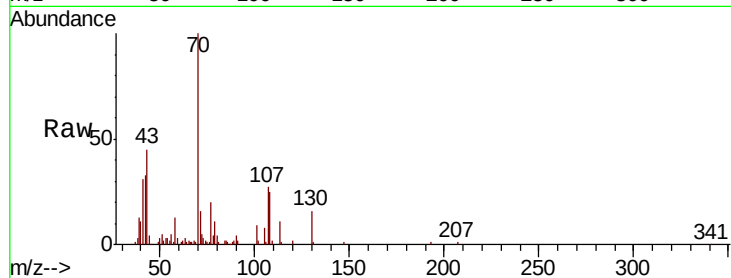




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.262 ng  
RT: 8.47 min Scan# 932  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

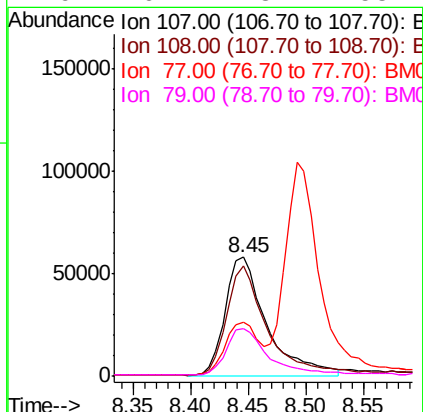
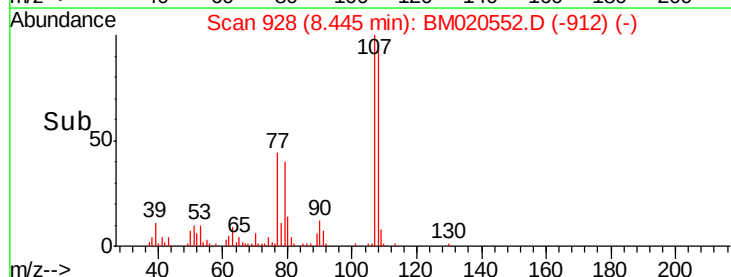
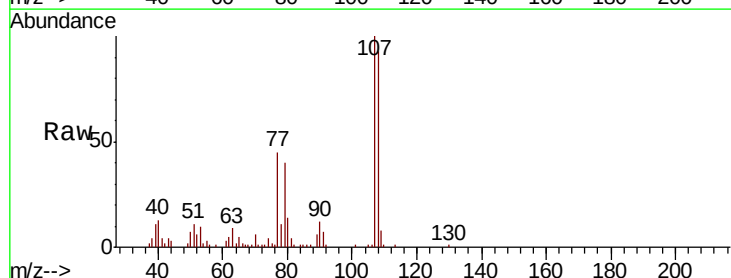
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

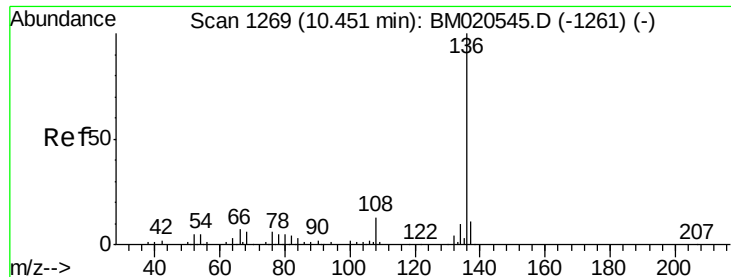
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 136617 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 33.0  | 24.7  | 37.1   |
| 101      | 8.8   | 6.8   | 10.2   |
| 130      | 16.4  | 13.1  | 19.7   |



#20  
3+4-Methylphenols  
Concen: 40.095 ng  
RT: 8.45 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 146484 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.2  | 66.5  | 106.5  |
| 77       | 45.4  | 23.0  | 63.0   |
| 79       | 40.1  | 18.2  | 58.2   |

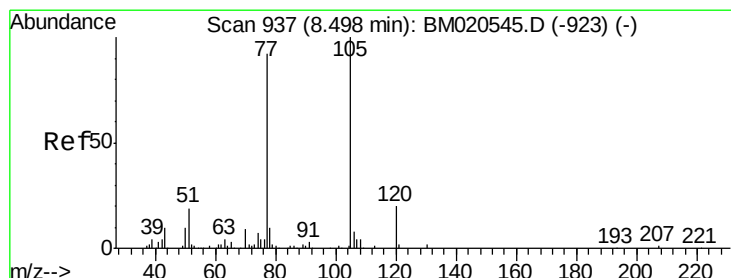
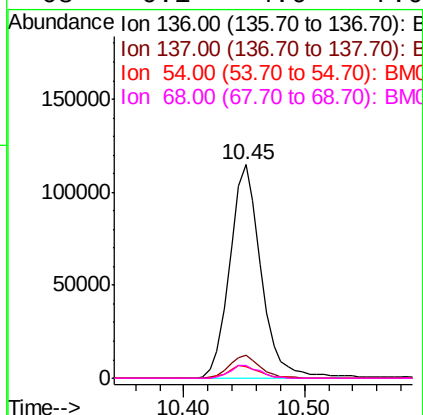
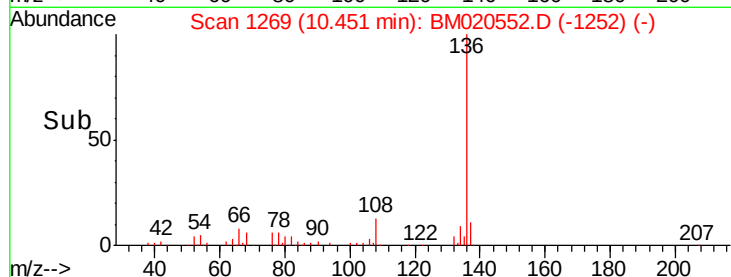
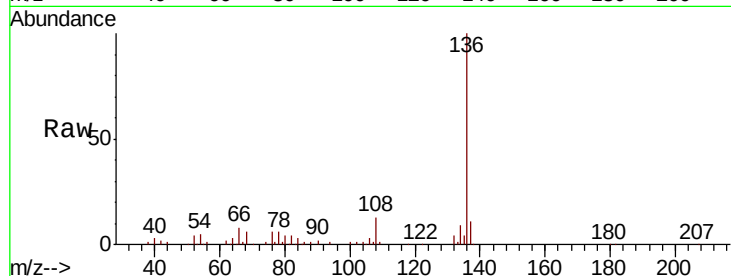




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.45 min Scan# 1269  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

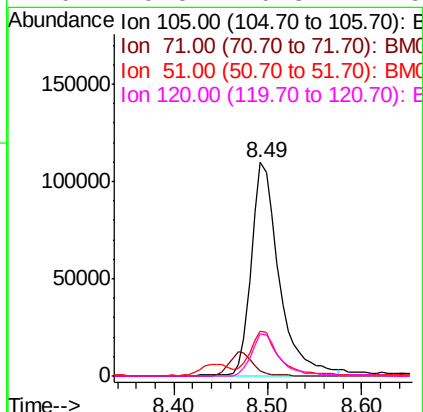
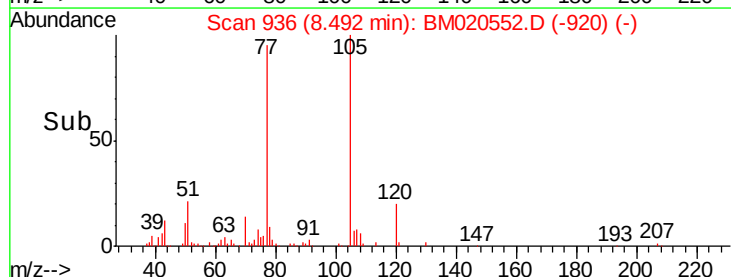
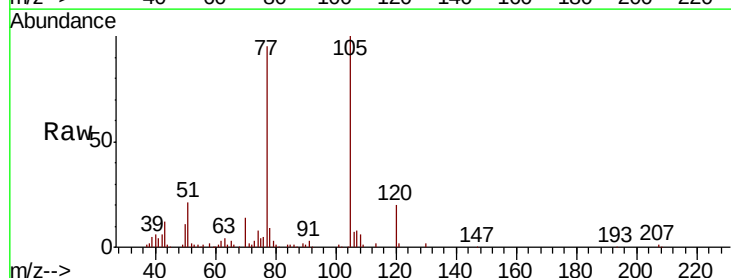
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

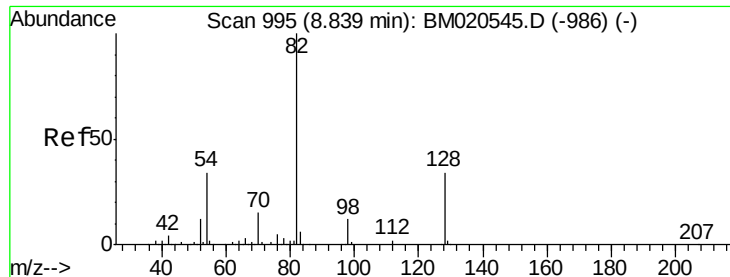
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 207292 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.9    | 8.4   | 12.6   |
| 54 5.4      | 4.2   | 6.4    |
| 68 6.1      | 4.6   | 7.0    |



#22  
Acetophenone  
Concen: 39.754 ng  
RT: 8.49 min Scan# 936  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 226926 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 2.2     | 1.3   | 1.9#   |
| 51  | 20.8    | 15.7  | 23.5   |
| 120 | 19.8    | 16.3  | 24.5   |

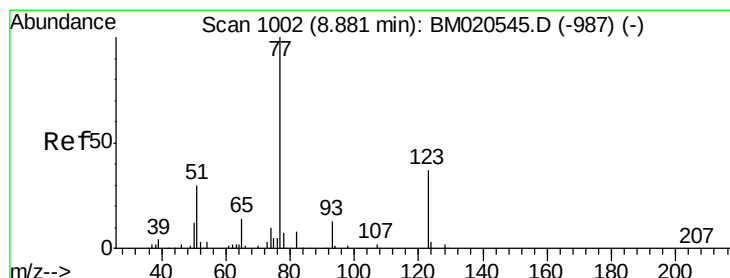
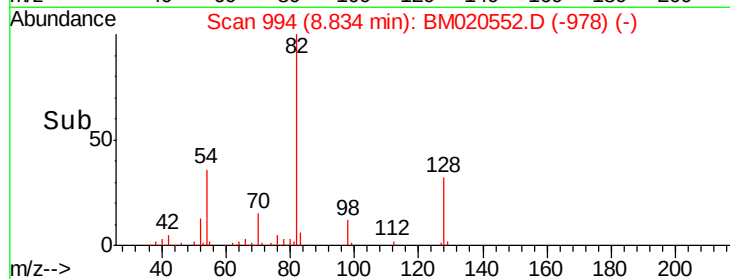
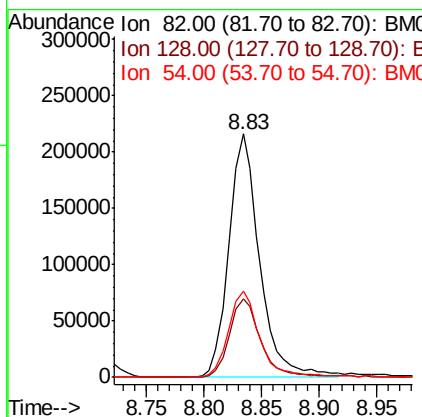
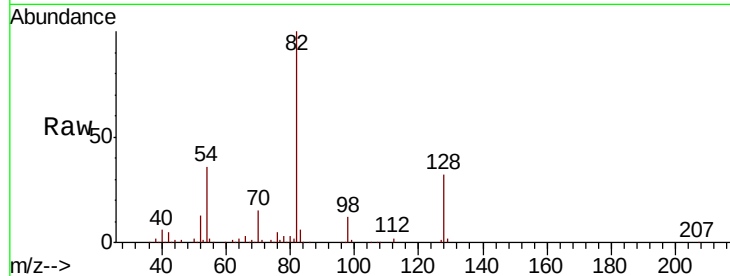




#23  
 Nitrobenzene-d5  
 Concen: 80.929 ng  
 RT: 8.83 min Scan# 994  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

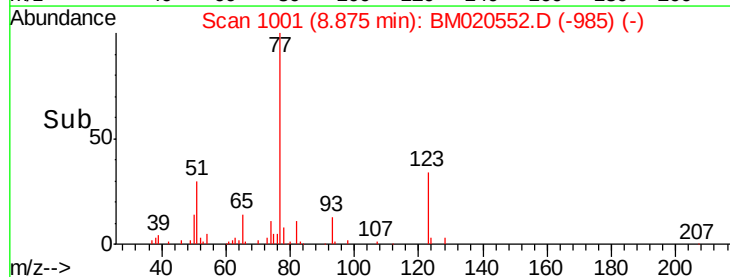
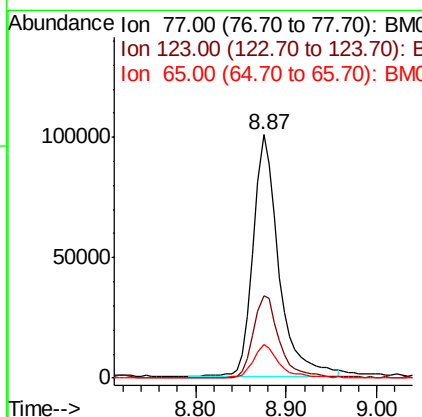
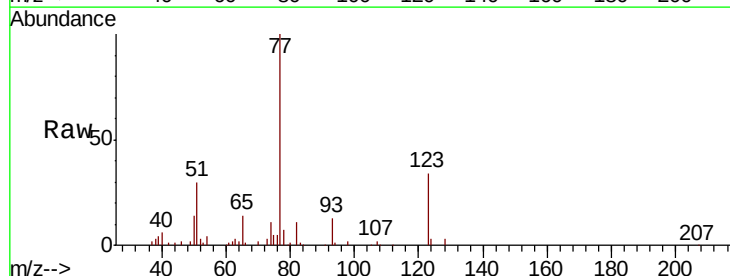
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 82    | Resp  | 399686 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 32.1  | 27.0  | 40.4   |
| 54        | 35.6  | 27.4  | 41.2   |

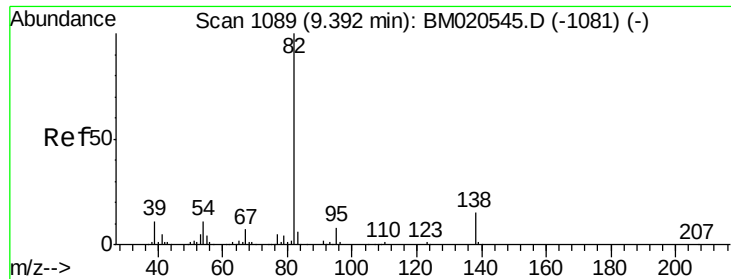


#24  
 Nitrobenzene  
 Concen: 40.533 ng  
 RT: 8.87 min Scan# 1001  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

| Tgt Ion   | 77    | Resp  | 197698 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 33.9  | 29.4  | 44.2   |
| 65        | 14.1  | 10.8  | 16.2   |







#25

Isophorone

Concen: 40.413 ng

RT: 9.39 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

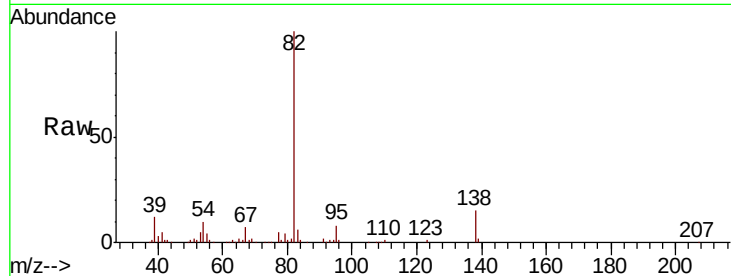
Tot Ion: 82 Resp: 371381

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

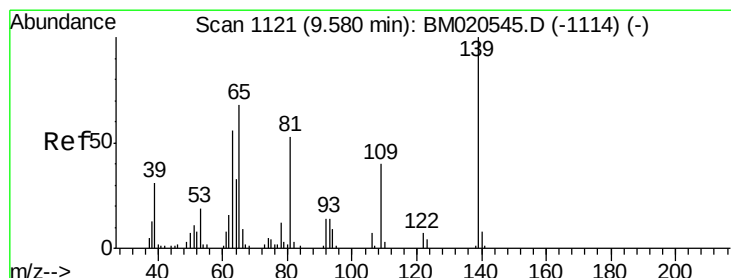
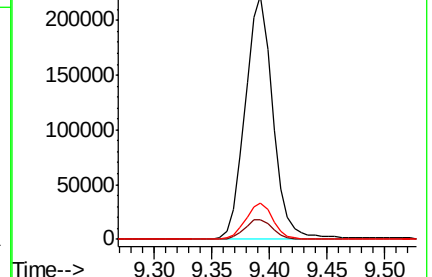
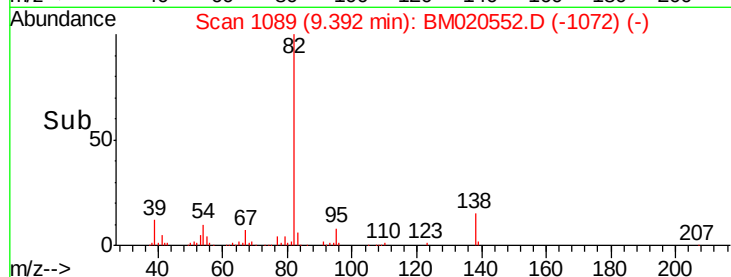
138 14.7 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BM020552.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM020552.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM020552.D (-1072) (-)



#26

2-Nitrophenol

Concen: 37.868 ng

RT: 9.58 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

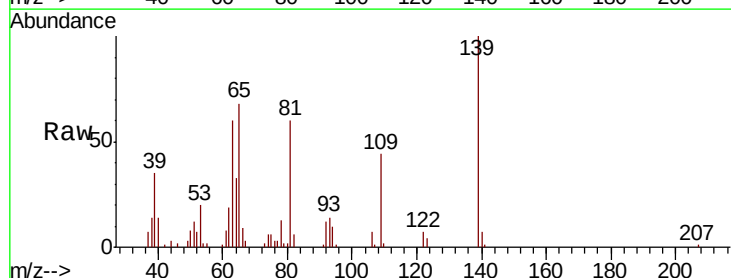
Tgt Ion: 139 Resp: 68150

Ion Ratio Lower Upper

139 100

109 44.4 32.3 48.5

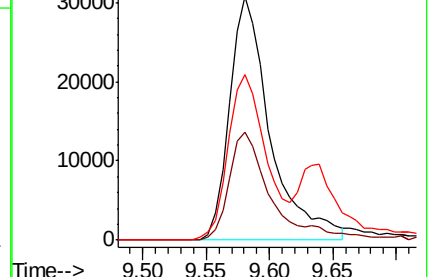
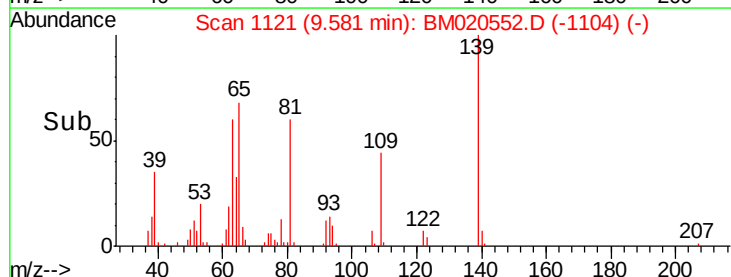
65 68.0 54.4 81.6

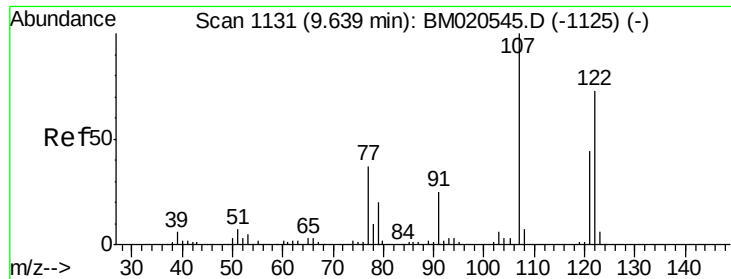


Abundance Ion 139.00 (138.70 to 139.70): BM020552.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM020552.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM020552.D (-1104) (-)

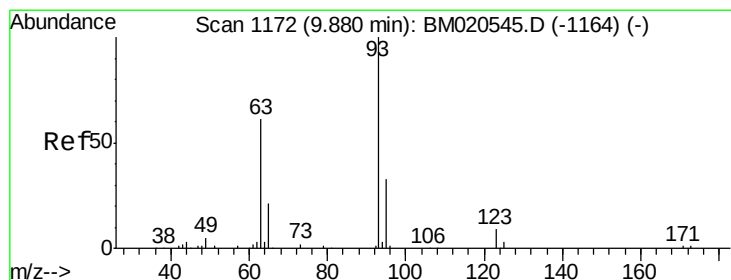
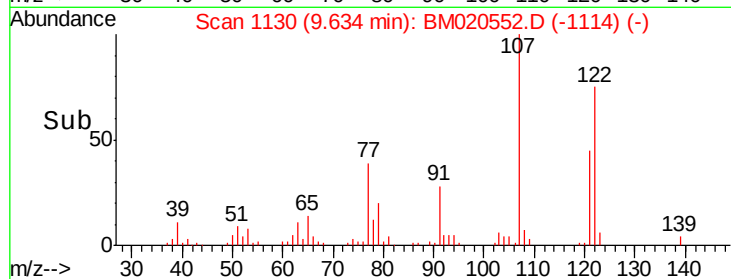
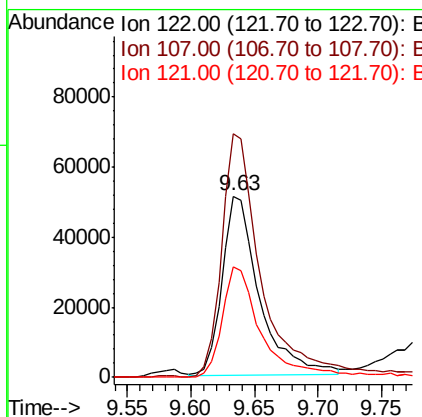
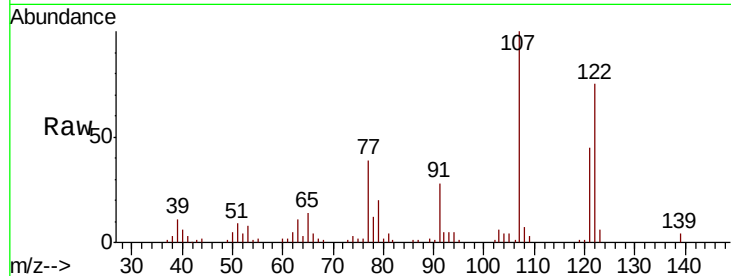




#27  
2,4-Dimethylphenol  
Concen: 38.910 ng  
RT: 9.63 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

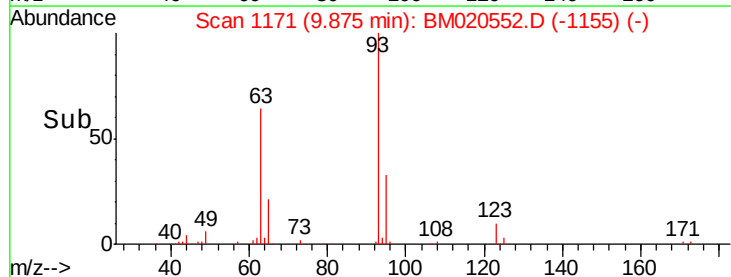
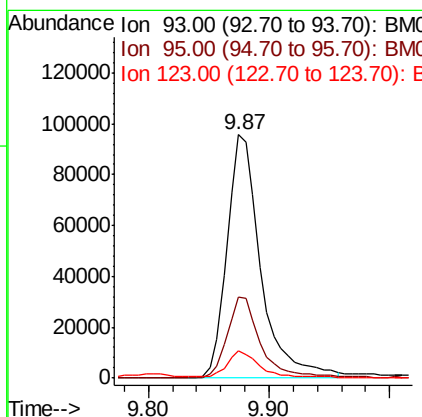
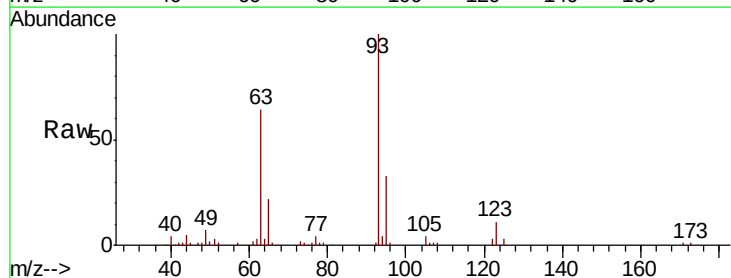
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

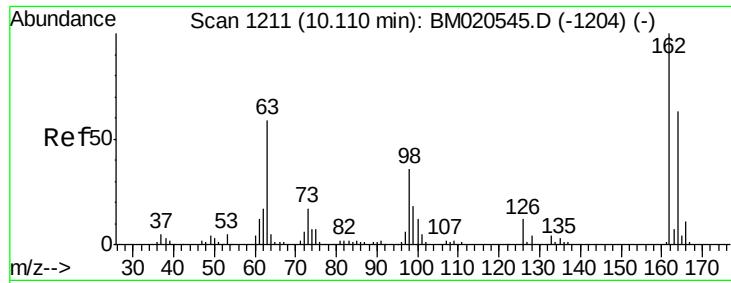
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 134.2 | 108.2 | 162.2 |
| 121     | 60.8  | 47.4  | 71.0  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.927 ng  
RT: 9.87 min Scan# 1171  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 26.1  | 39.1  |
| 123     | 11.0  | 8.1   | 12.1  |

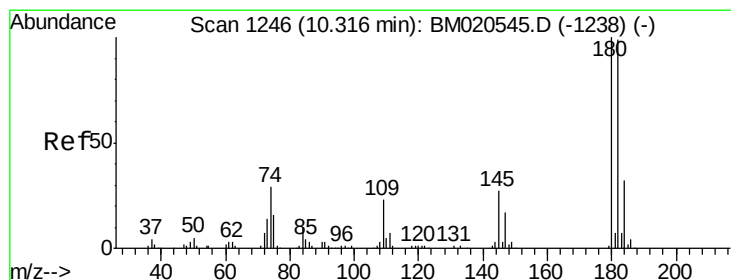
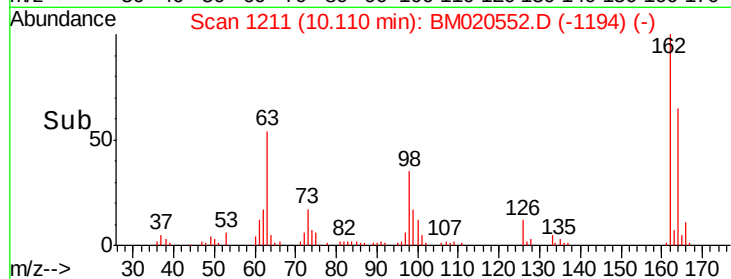
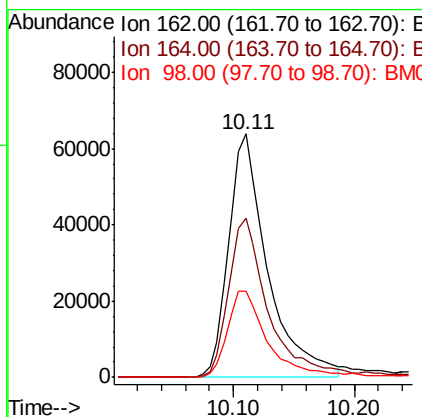
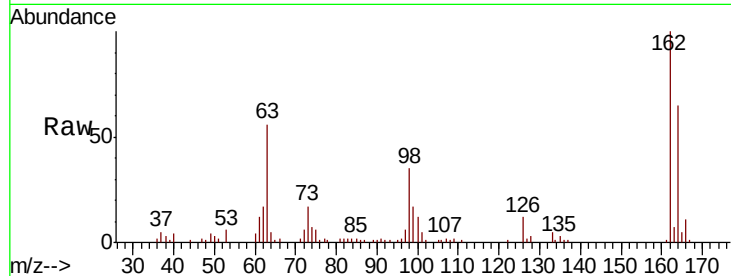




#29  
 2,4-Dichlorophenol  
 Concen: 40.257 ng  
 RT: 10.11 min Scan# 1211  
 Delta R.T. 0.00 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

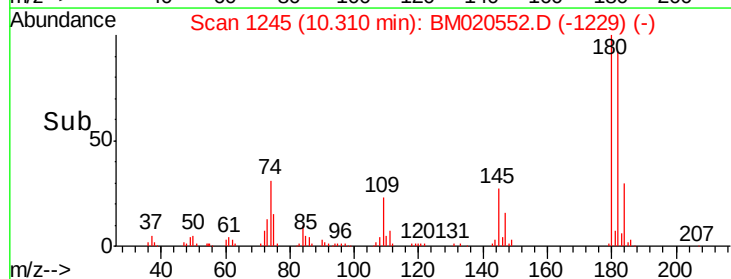
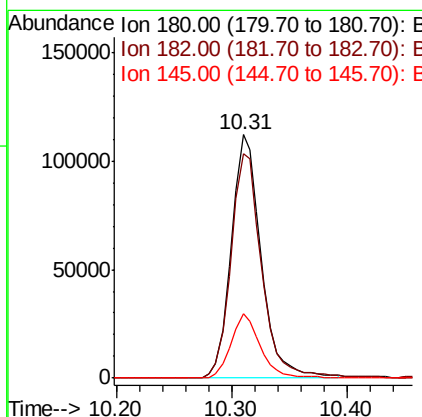
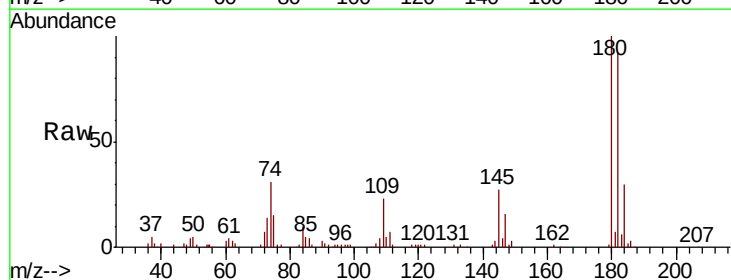
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

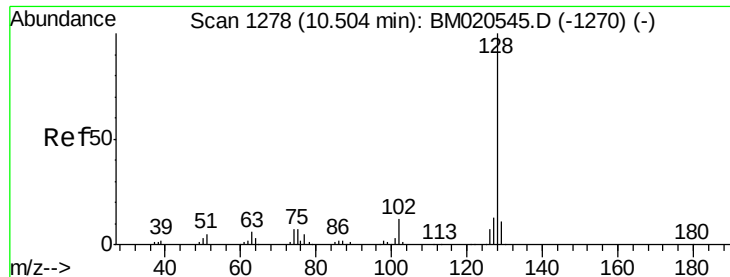
Tot Ion:162 Resp: 143542  
 Ion Ratio Lower Upper  
 162 100  
 164 65.5 43.1 83.1  
 98 35.4 16.2 56.2



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.208 ng  
 RT: 10.31 min Scan# 1245  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

Tgt Ion:180 Resp: 200904  
 Ion Ratio Lower Upper  
 180 100  
 182 92.4 78.8 118.2  
 145 26.7 21.3 31.9

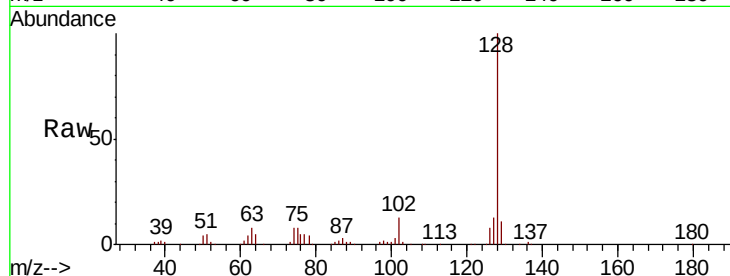




#31  
Naphthalene  
Concen: 39.947 ng  
RT: 10.50 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 9.0   | 13.6  |
| 127     | 13.3  | 10.4  | 15.6  |

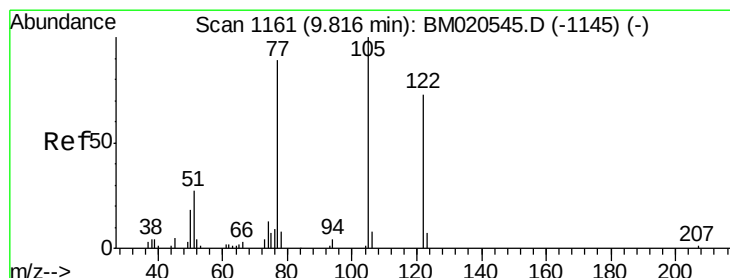
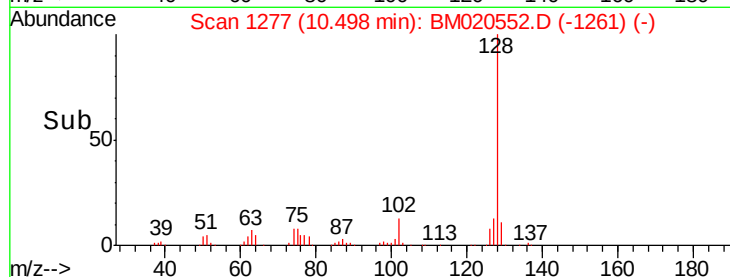
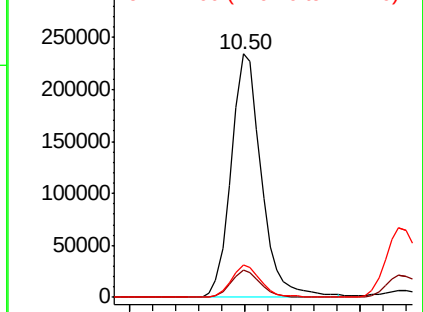


Abundance

Ion 128.00 (127.70 to 128.70): E

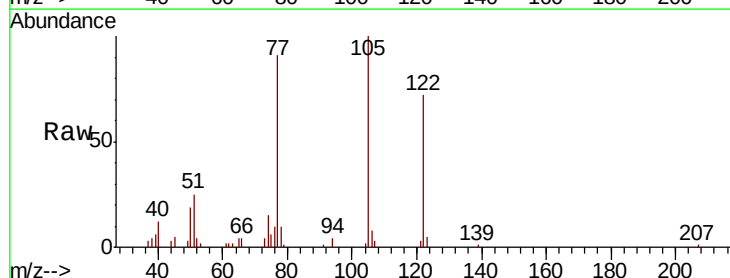
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 32.290 ng  
RT: 9.80 min Scan# 1159  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 138.9 | 108.8 | 148.8 |
| 77      | 126.0 | 97.8  | 137.8 |

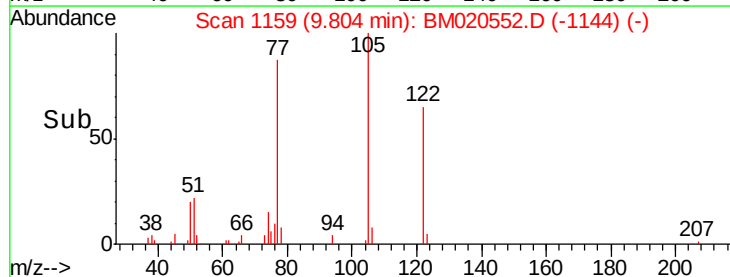
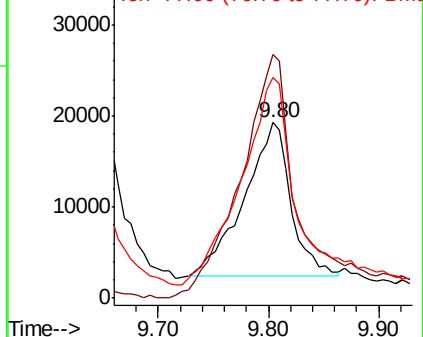


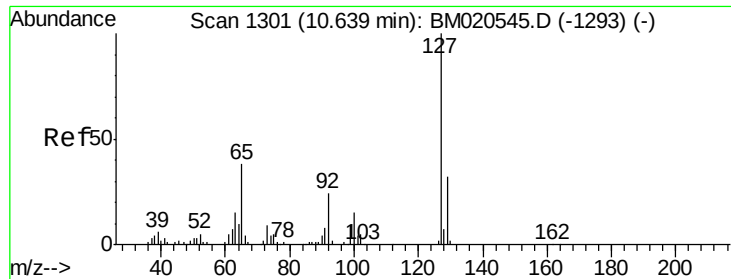
Abundance

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): E

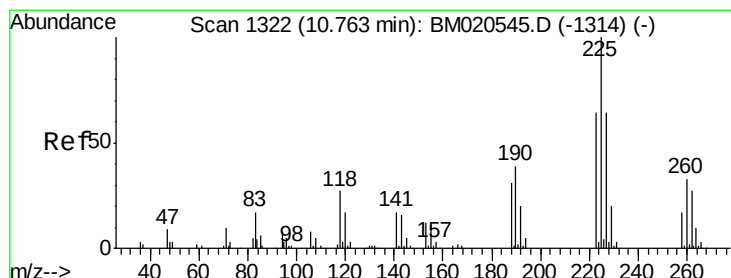
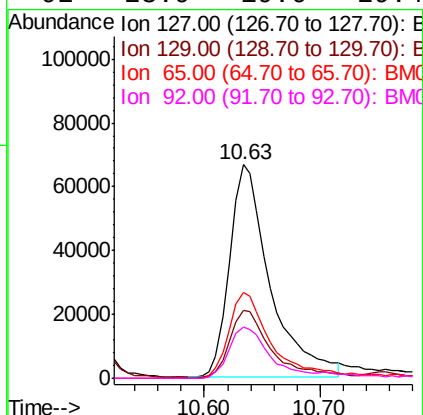
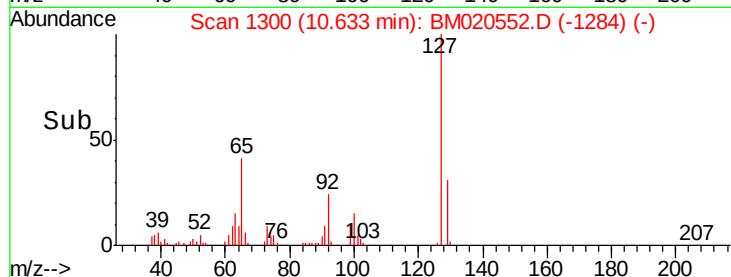
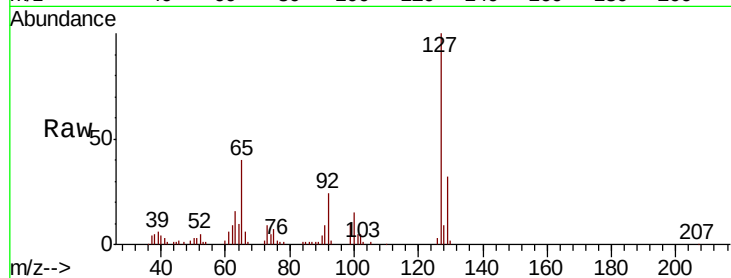




#33  
4-Chloroaniline  
Concen: 38.021 ng  
RT: 10.63 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

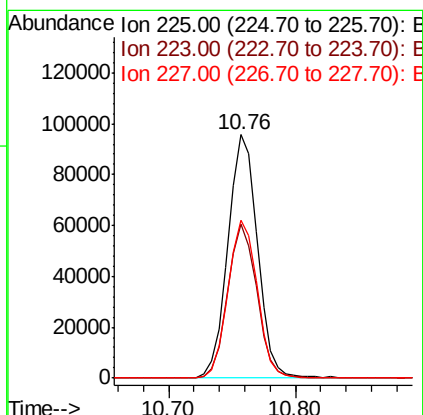
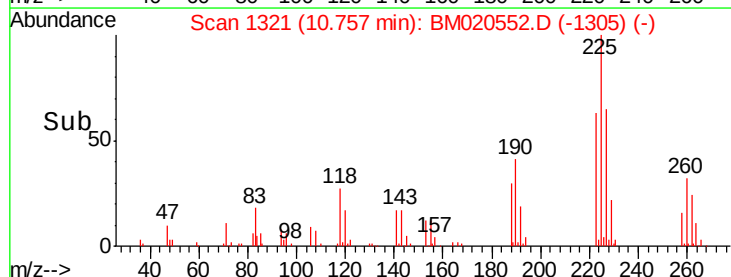
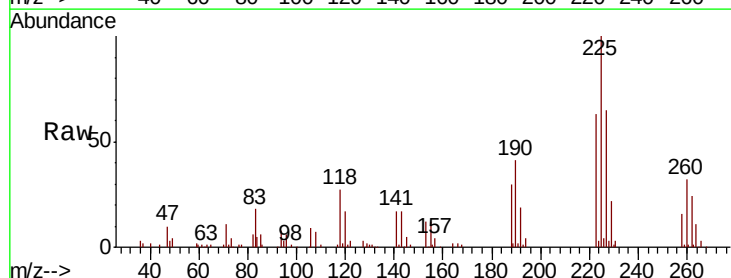
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

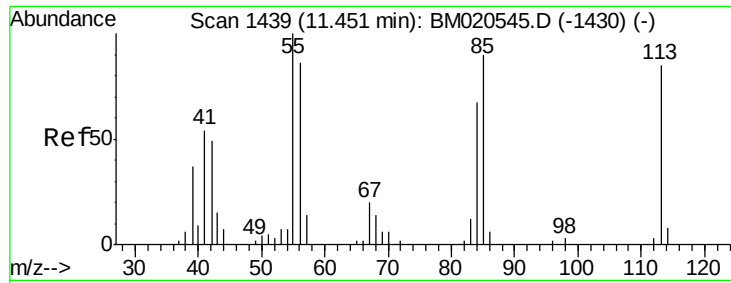
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 162426 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 25.4  | 38.2   |
| 65       | 40.5  | 30.6  | 45.8   |
| 92       | 23.9  | 19.6  | 29.4   |



#34  
Hexachlorobutadiene  
Concen: 42.503 ng  
RT: 10.76 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 154061 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 51.4  | 77.0   |
| 227      | 64.8  | 51.0  | 76.6   |

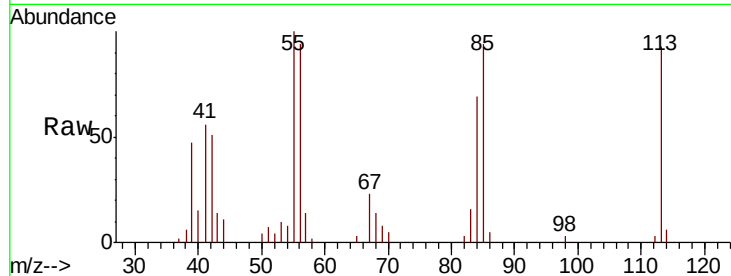




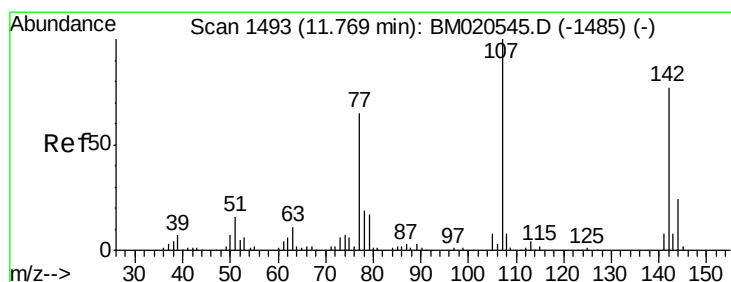
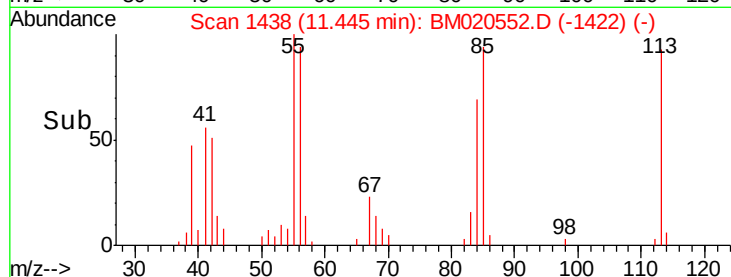
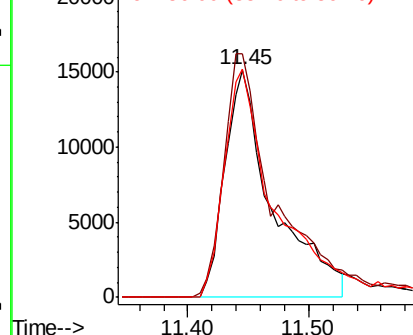
#35  
 Caprolactam  
 Concen: 35.498 ng  
 RT: 11.45 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:113 Resp: 41658  
 Ion Ratio Lower Upper  
 113 100  
 55 107.2 97.6 137.6  
 56 100.5 81.6 121.6

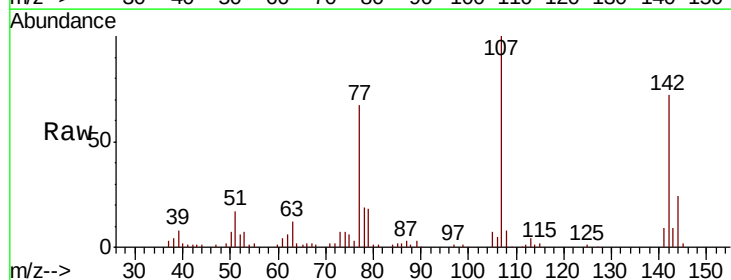


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BM  
 Ion 56.00 (55.70 to 56.70): BM

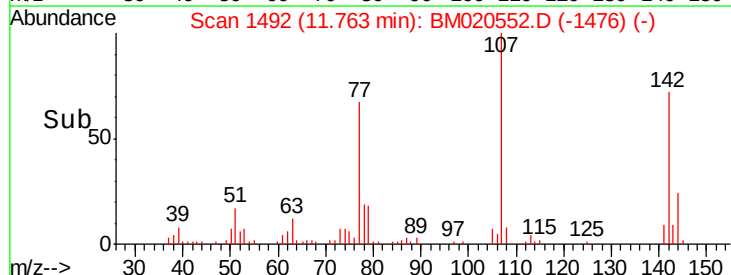
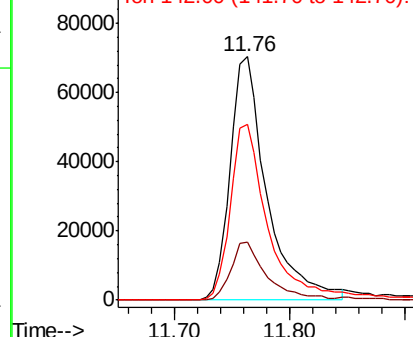


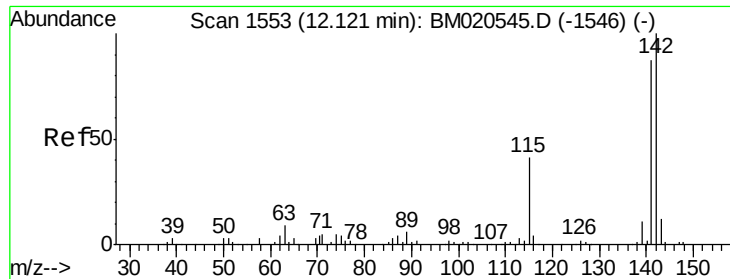
#36  
 4-Chloro-3-methylphenol  
 Concen: 40.112 ng  
 RT: 11.76 min Scan# 1492  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

Tgt Ion:107 Resp: 155642  
 Ion Ratio Lower Upper  
 107 100  
 144 23.7 19.0 28.6  
 142 72.2 61.3 91.9



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

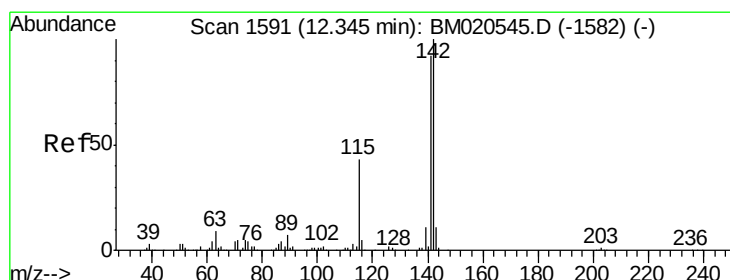
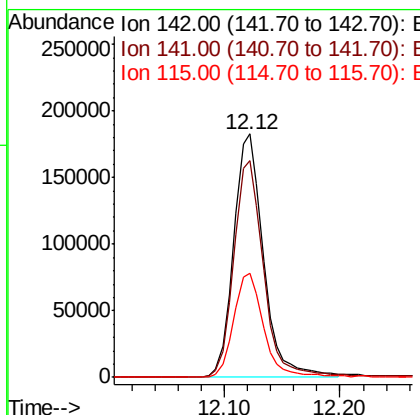
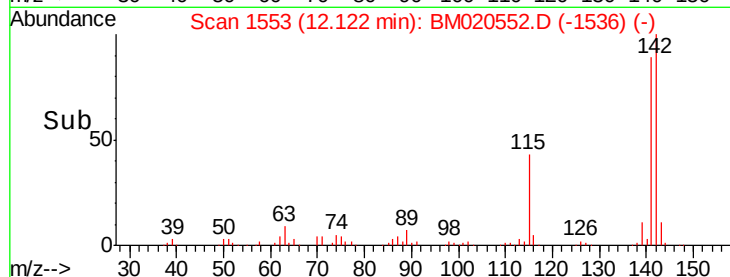
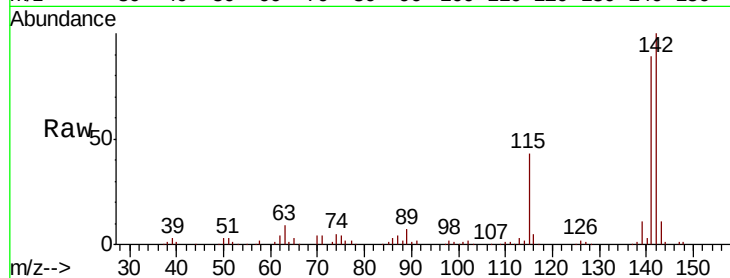




#37  
2-Methylnaphthalene  
Concen: 40.040 ng  
RT: 12.12 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

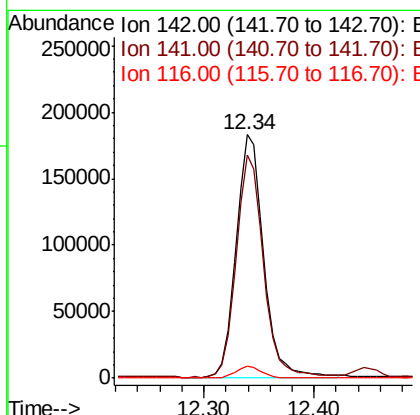
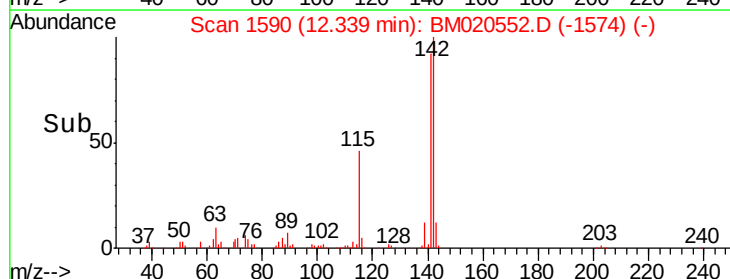
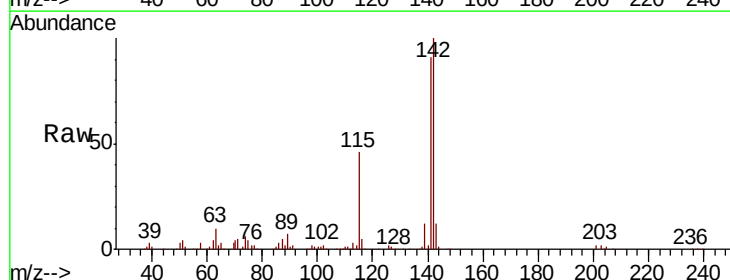
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

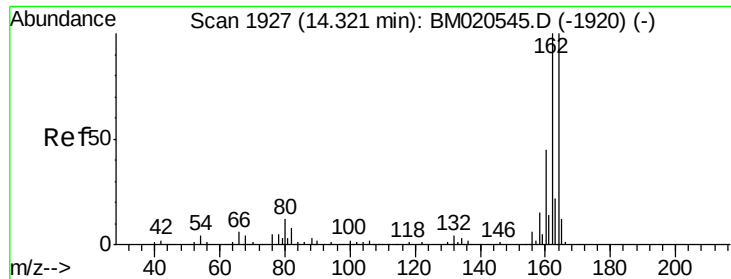
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 69.9  | 104.9 |
| 115     | 42.7  | 32.9  | 49.3  |



#38  
1-Methylnaphthalene  
Concen: 39.986 ng  
RT: 12.34 min Scan# 1590  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.5  | 73.7  | 110.5 |
| 116     | 4.6   | 3.7   | 5.5   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

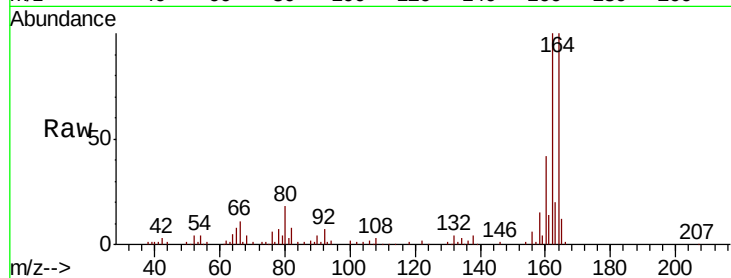
Tot Ion:164 Resp: 158769

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

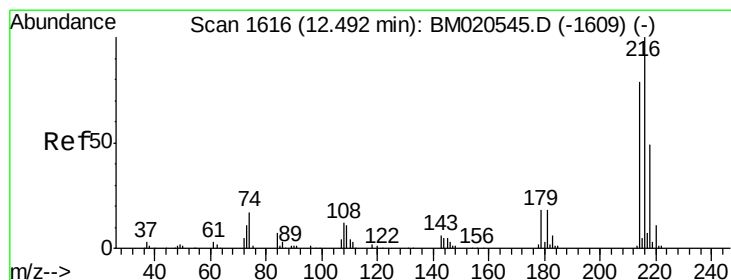
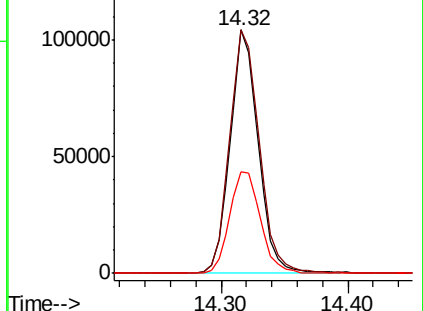
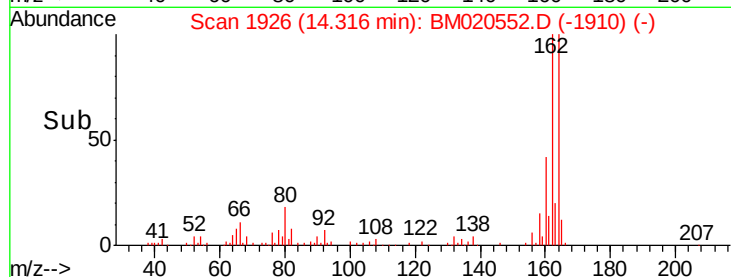
160 41.9 35.9 53.9



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: 40.049 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Tgt Ion:216 Resp: 267295

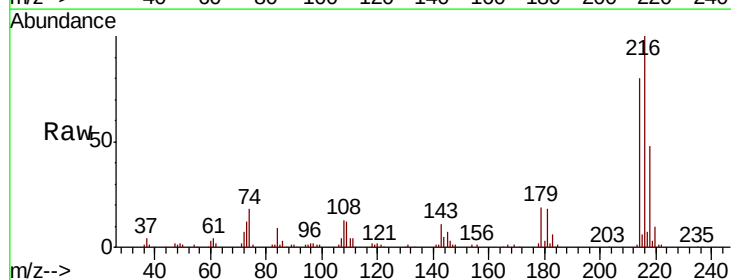
Ion Ratio Lower Upper

216 100

214 77.4 63.0 94.6

179 18.5 14.8 22.2

108 14.1 10.5 15.7

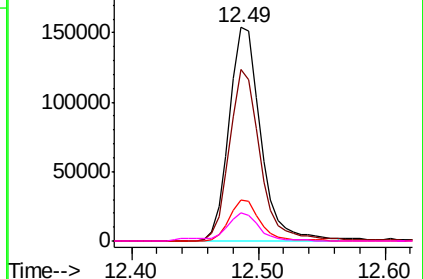
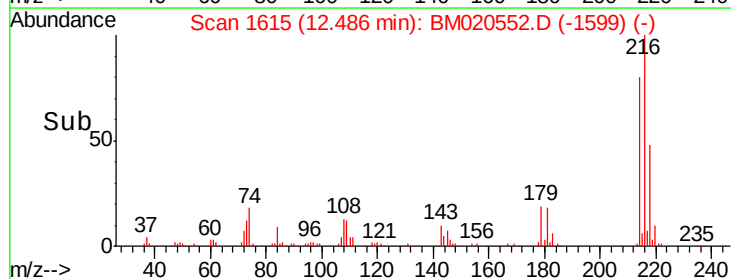


Abundance Ion 216.00 (215.70 to 216.70): E

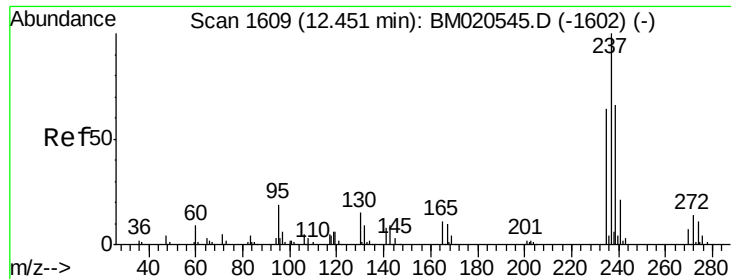
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 38.007 ng

RT: 12.45 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

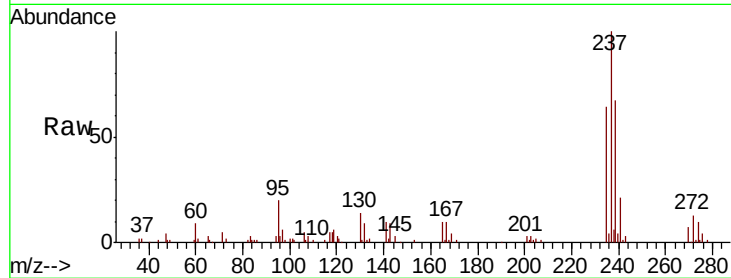
Tot Ion:237 Resp: 108402

Ion Ratio Lower Upper

237 100

235 64.4 43.5 83.5

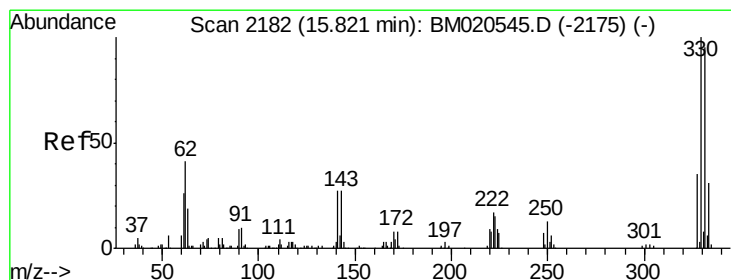
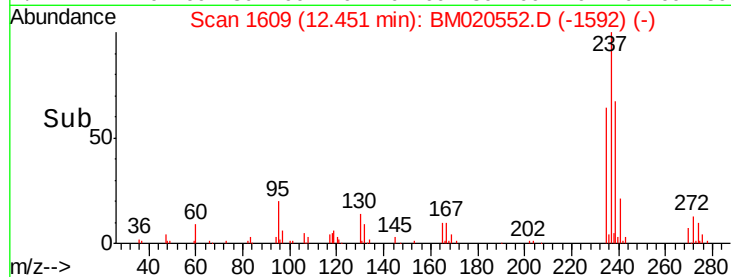
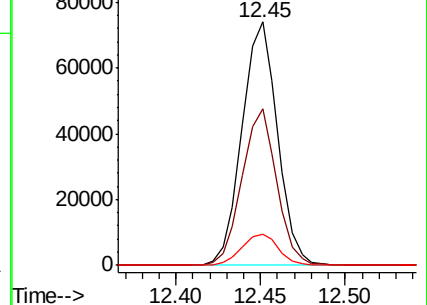
272 12.8 0.0 33.9



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: 82.192 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

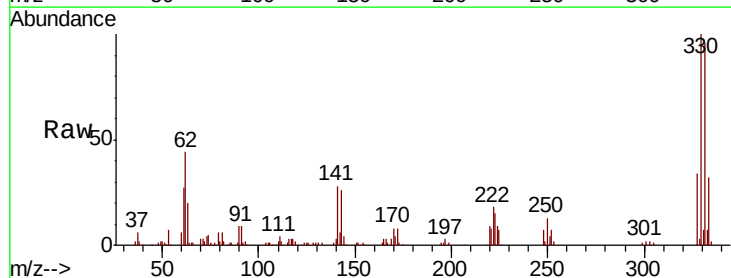
Tgt Ion:330 Resp: 261443

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

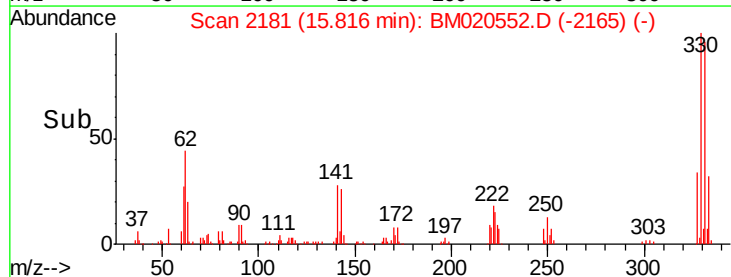
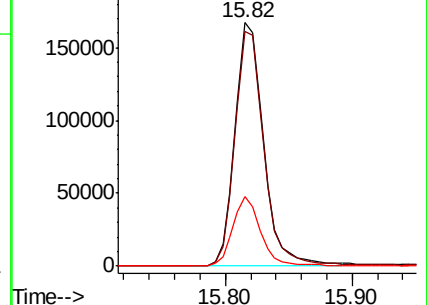
141 27.8 21.7 32.5

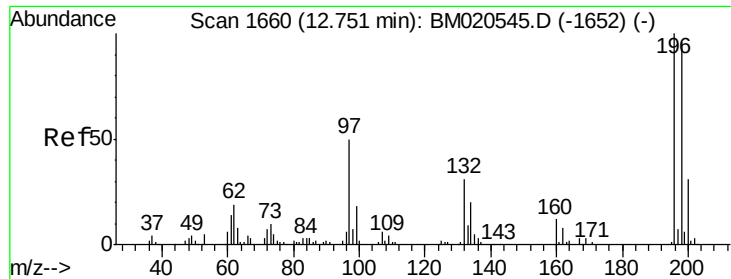


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

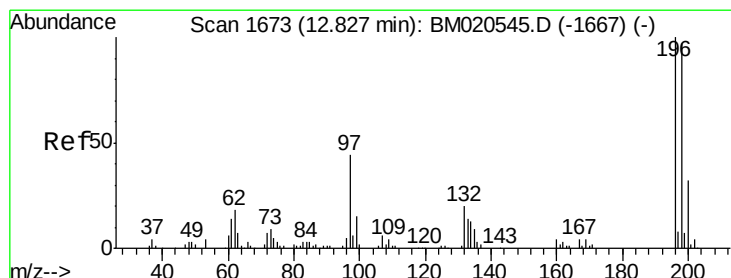
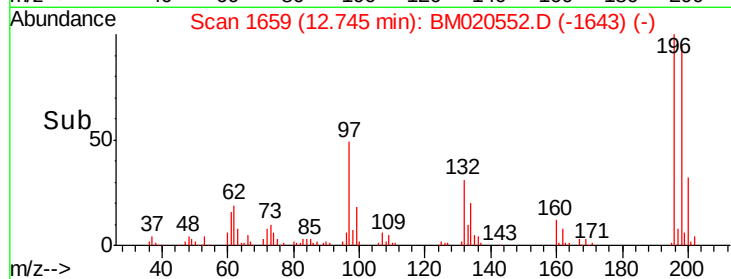
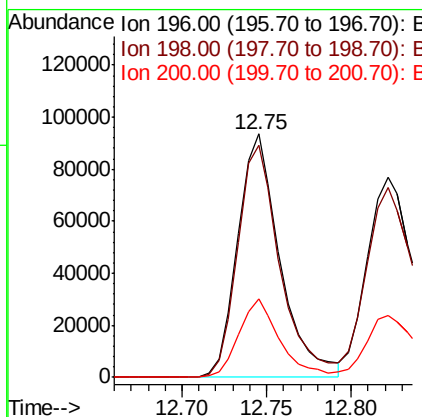
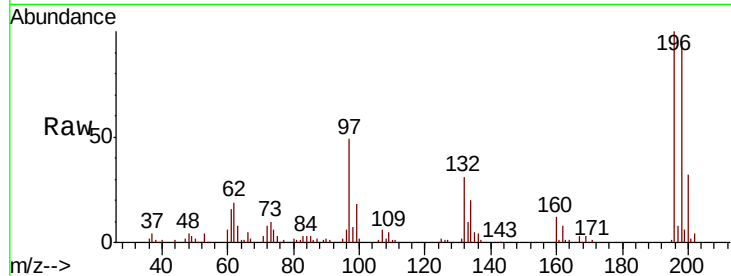




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.432 ng  
 RT: 12.75 min Scan# 1659  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

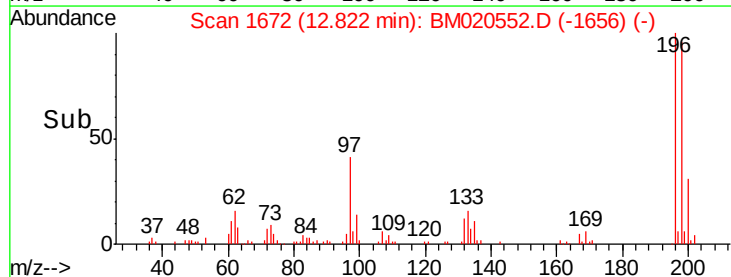
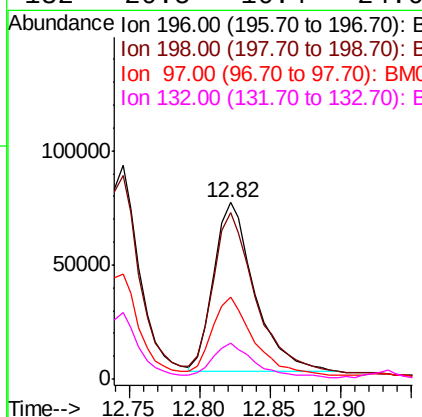
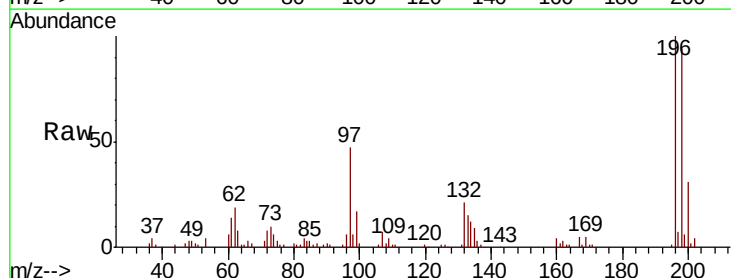
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

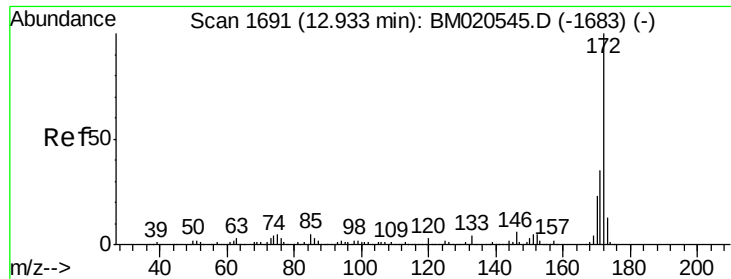
Tot Ion:196 Resp: 162866  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 76.4 114.6  
 200 32.1 25.0 37.4



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.937 ng  
 RT: 12.82 min Scan# 1672  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

Tgt Ion:196 Resp: 150179  
 Ion Ratio Lower Upper  
 196 100  
 198 94.4 77.6 116.4  
 97 46.8 35.4 53.0  
 132 20.5 16.4 24.6

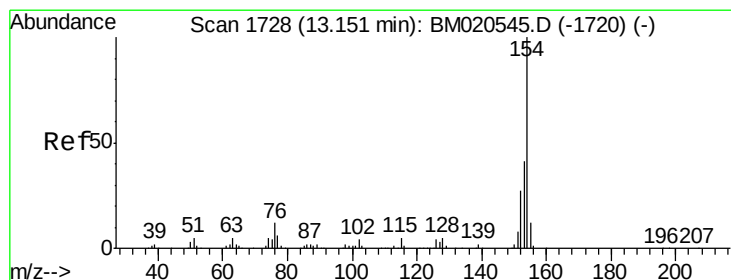
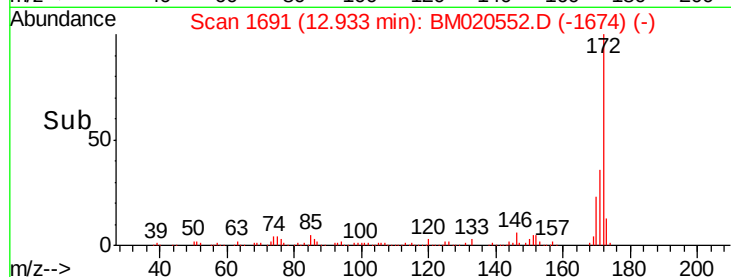
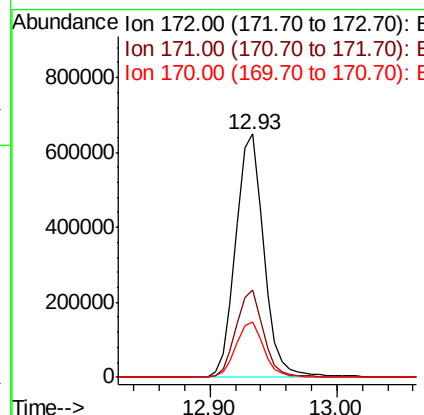
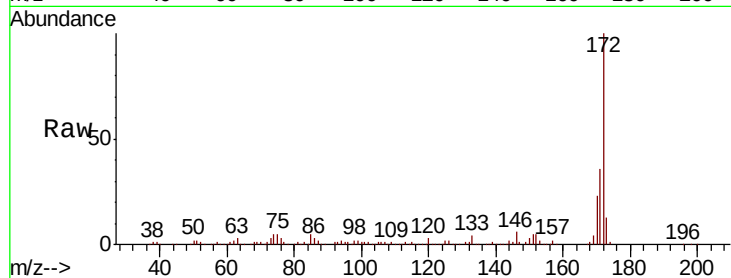




#45  
2-Fluorobiphenyl  
Concen: 78.864 ng  
RT: 12.93 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

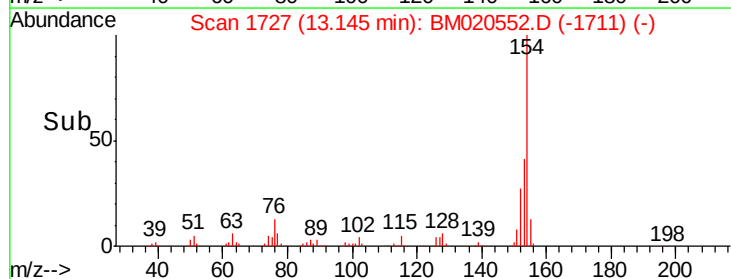
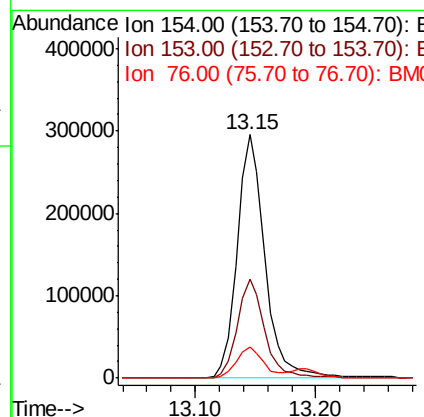
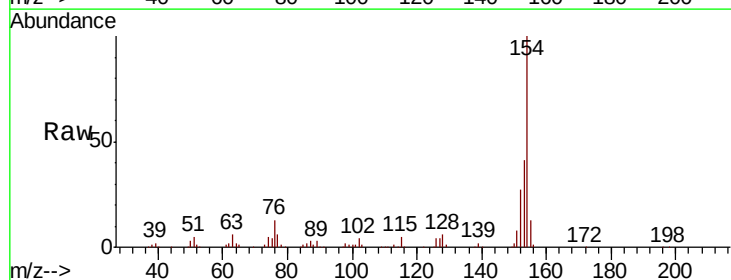
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

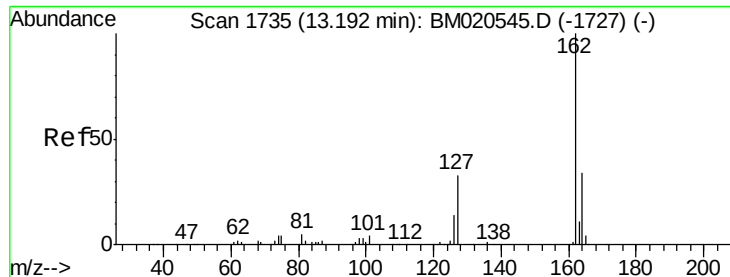
Tot Ion:172 Resp: 997860  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.9 41.9  
170 22.9 18.2 27.4



#46  
1,1'-Biphenyl  
Concen: 38.663 ng  
RT: 13.15 min Scan# 1727  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion:154 Resp: 472765  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.6 60.6  
76 12.6 0.0 32.2

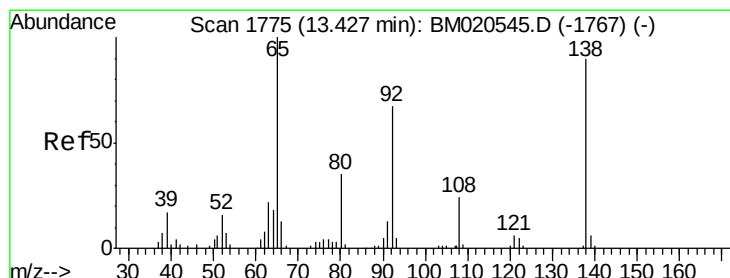
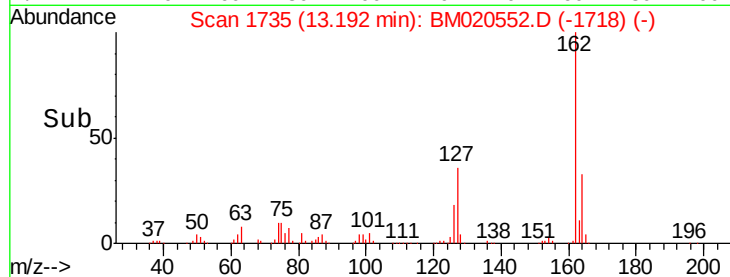
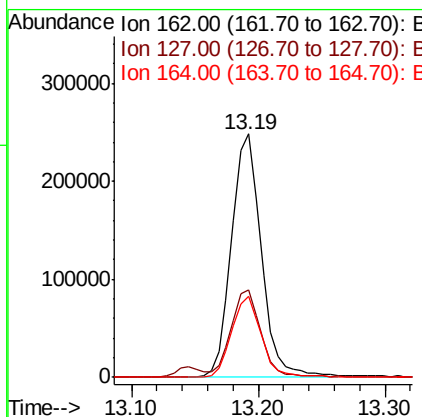
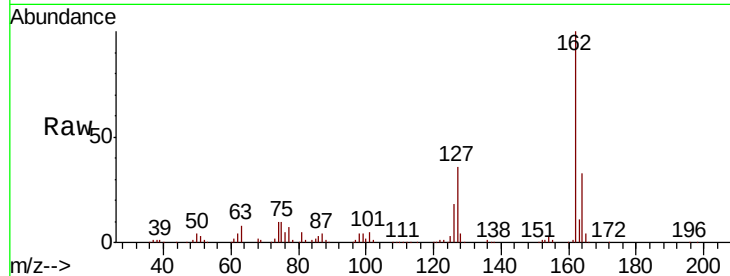




#47  
2-Chloronaphthalene  
Concen: 39.147 ng  
RT: 13.19 min Scan# 1735  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

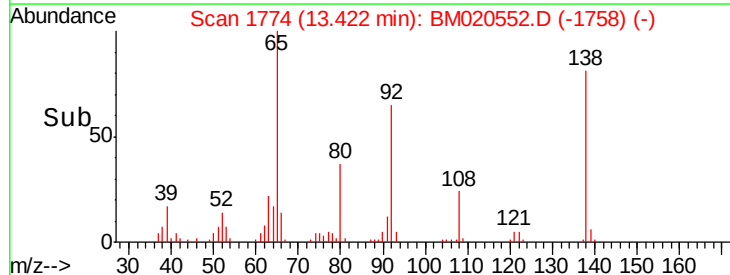
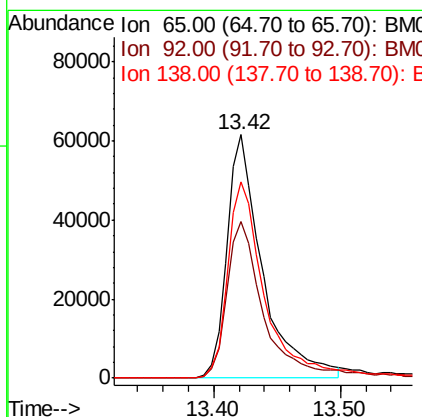
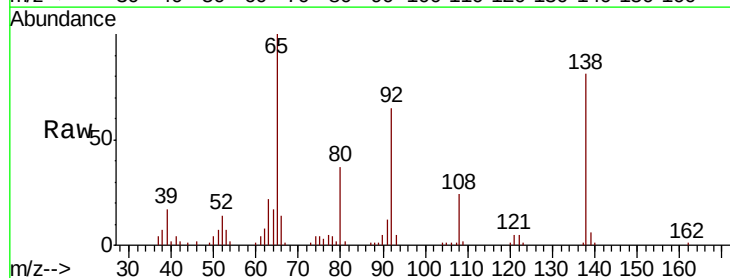
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

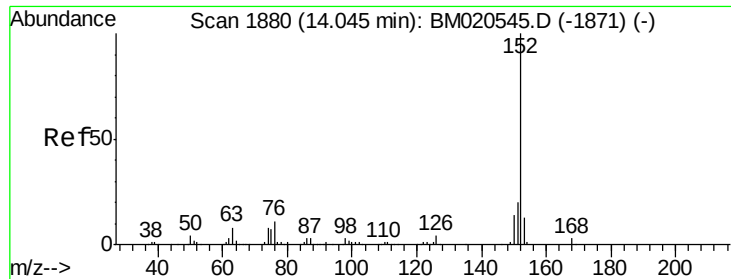
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.8  | 29.2  | 43.8  |
| 164     | 33.1  | 27.4  | 41.2  |



#48  
2-Nitroaniline  
Concen: 37.918 ng  
RT: 13.42 min Scan# 1774  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.5  | 53.6  | 80.4  |
| 138     | 80.8  | 72.0  | 108.0 |





#49

Acenaphthylene

Concen: 39.150 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

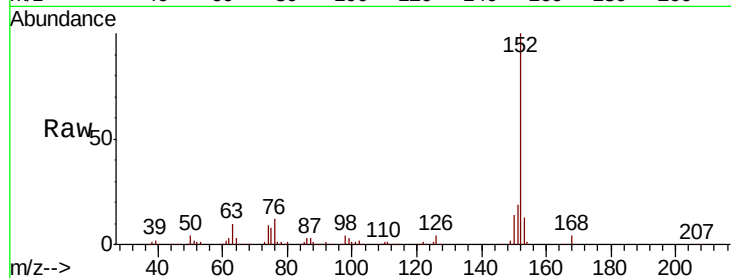
Tot Ion:152 Resp: 617148

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

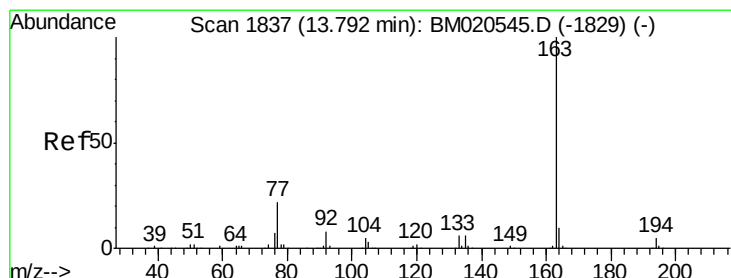
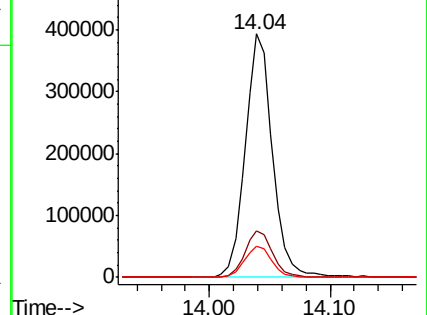
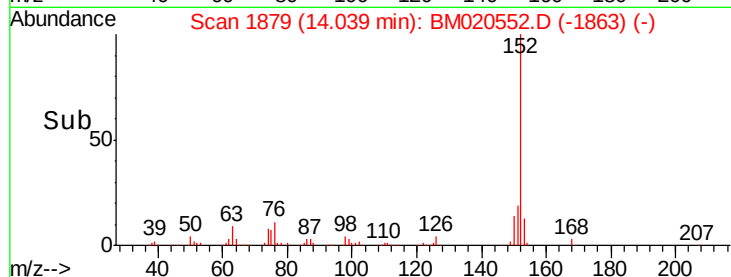
153 12.9 10.2 15.2



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: 39.846 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

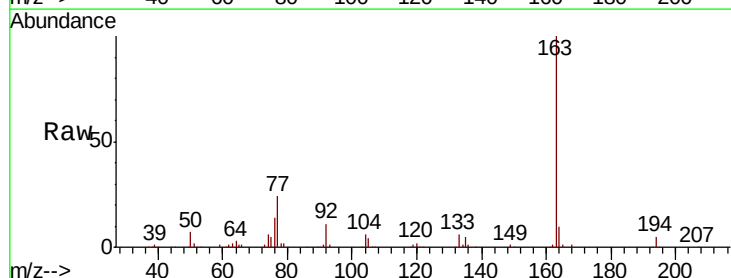
Tgt Ion:163 Resp: 560361

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

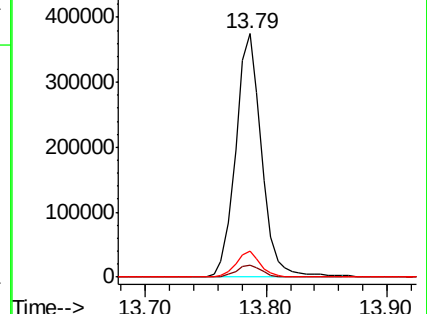
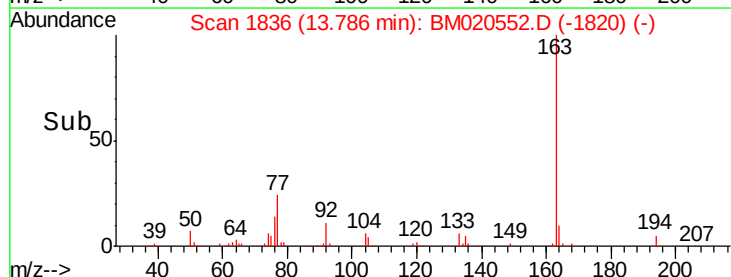
164 10.5 8.0 12.0

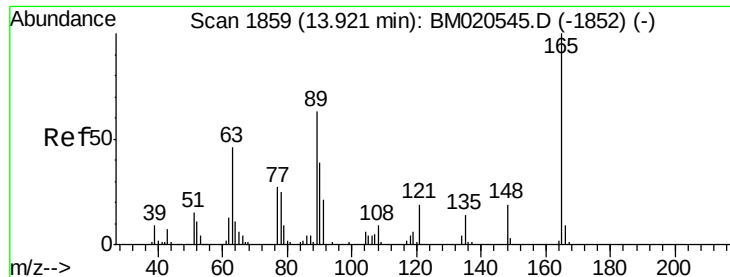


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

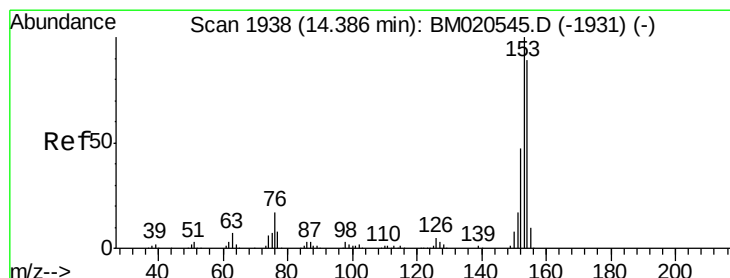
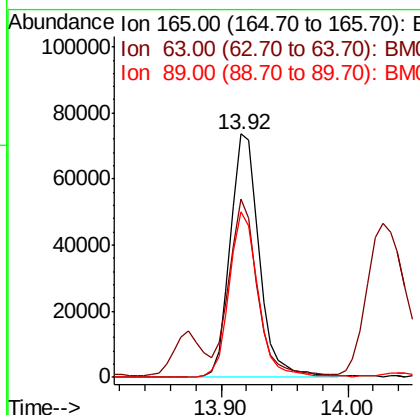
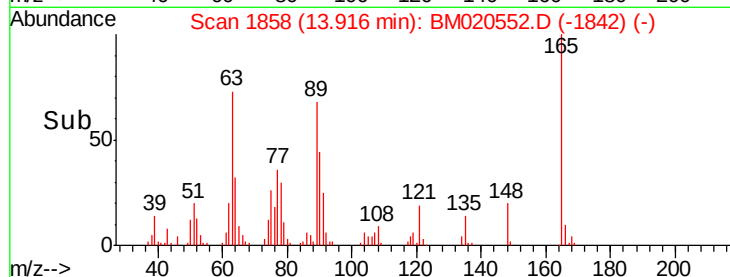
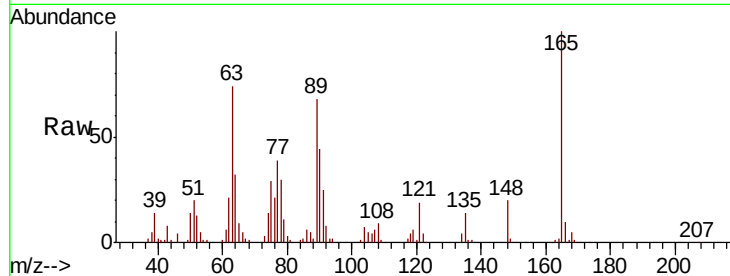




#51  
 2,6-Dinitrotoluene  
 Concen: 39.754 ng  
 RT: 13.92 min Scan# 1858  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

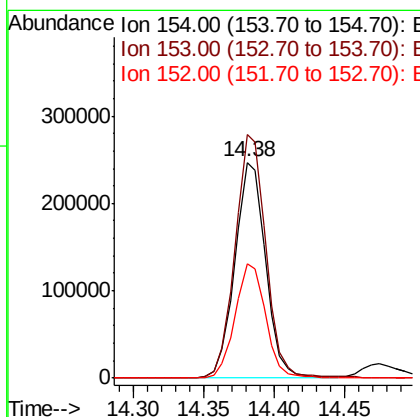
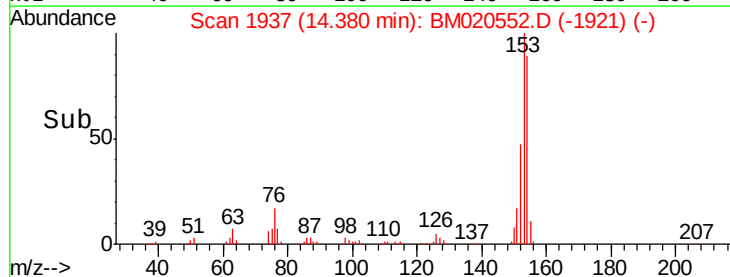
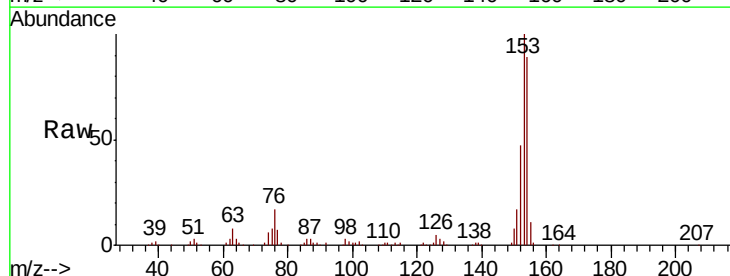
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

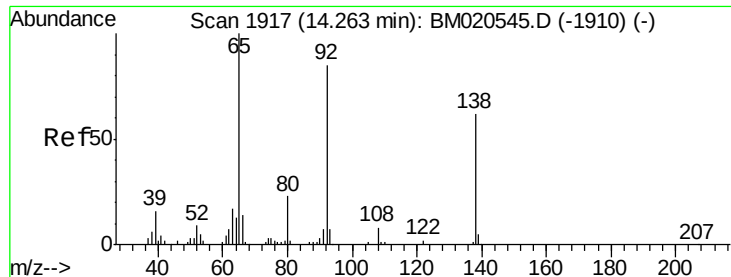
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 73.5  | 49.6  | 74.4  |
| 89      | 67.8  | 50.8  | 76.2  |



#52  
 Acenaphthene  
 Concen: 39.490 ng  
 RT: 14.38 min Scan# 1937  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.9 | 90.2  | 135.4 |
| 152     | 52.8  | 42.0  | 63.0  |

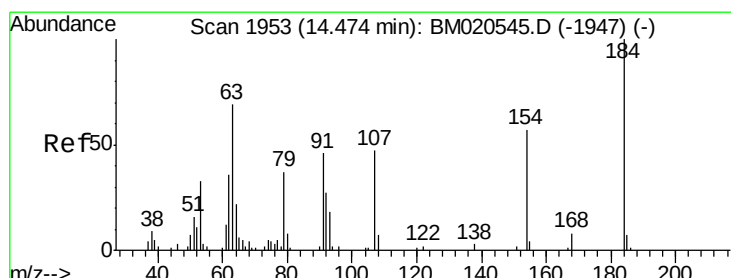
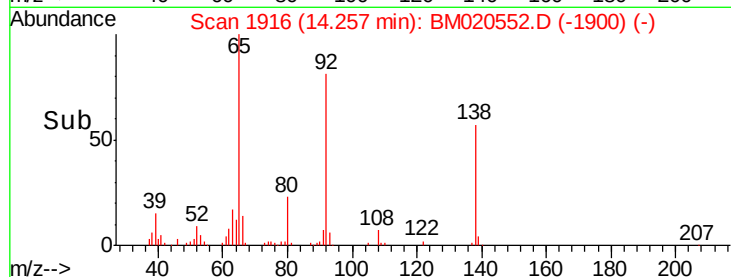
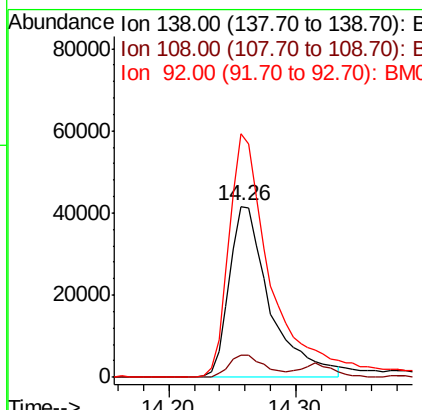
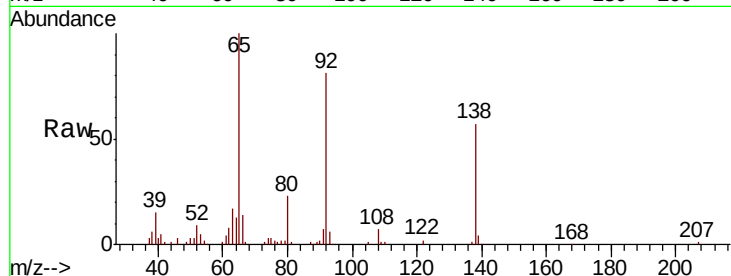




#53  
3-Nitroaniline  
Concen: 37.050 ng  
RT: 14.26 min Scan# 1916  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

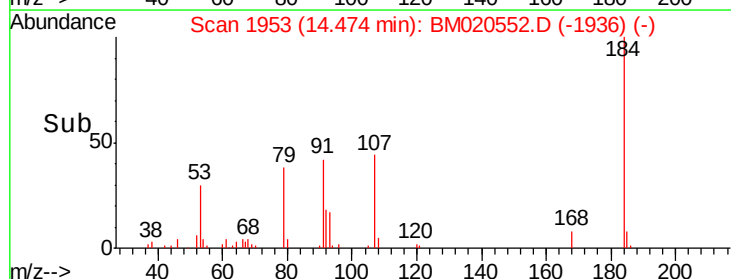
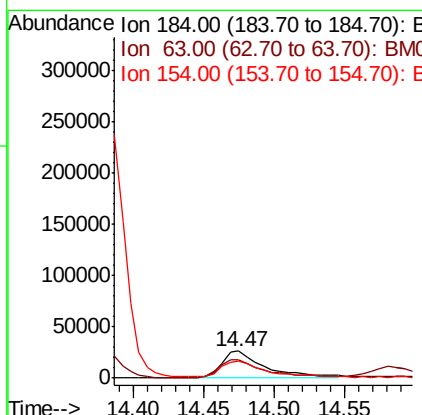
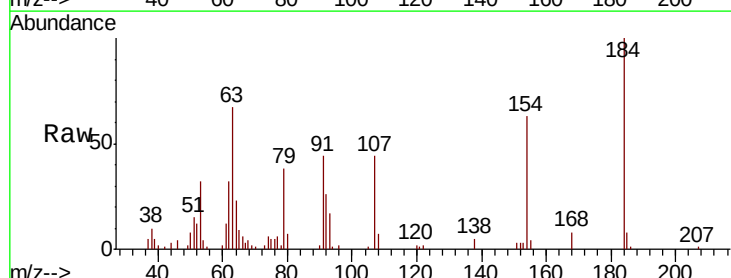
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

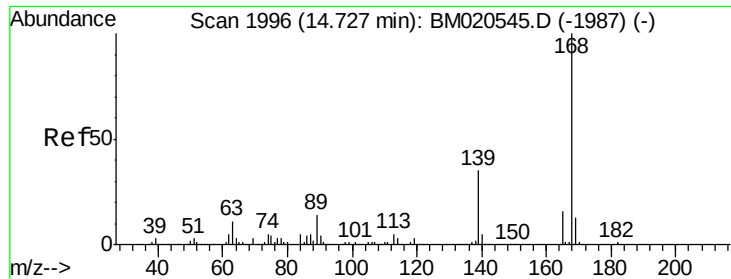
Tot Ion:138 Resp: 92998  
Ion Ratio Lower Upper  
138 100  
108 13.0 10.1 15.1  
92 142.1 109.5 164.3



#54  
2,4-Dinitrophenol  
Concen: 36.536 ng  
RT: 14.47 min Scan# 1953  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion:184 Resp: 56622  
Ion Ratio Lower Upper  
184 100  
63 66.6 56.3 84.5  
154 62.7 49.0 73.6





#55

Dibenzofuran

Concen: 39.779 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

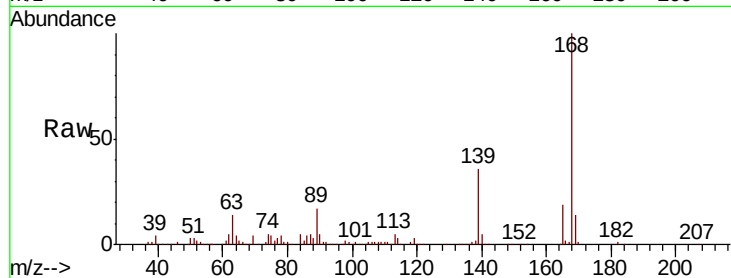
Tot Ion:168 Resp: 653901

Ion Ratio Lower Upper

168 100

139 36.4 28.2 42.4

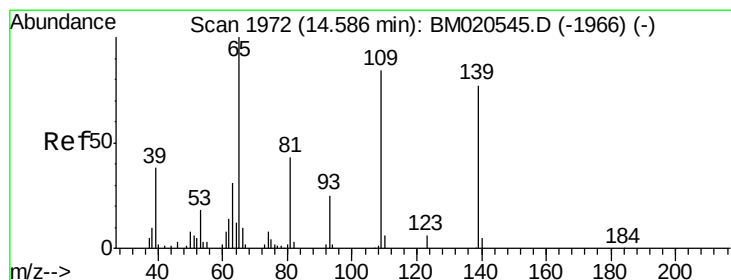
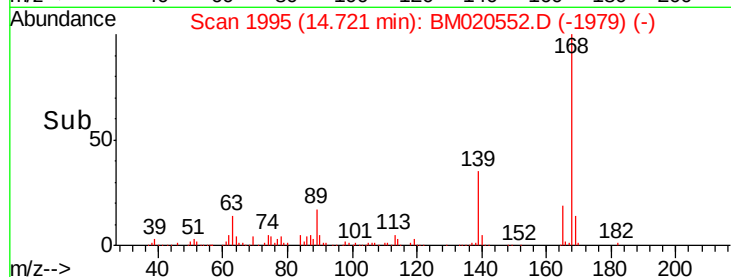
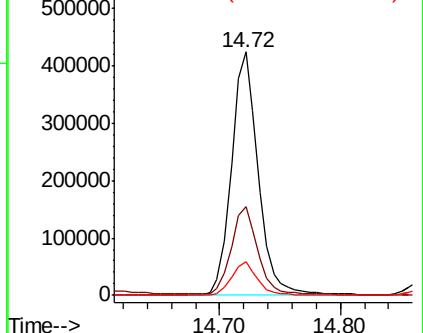
169 13.8 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.500 ng

RT: 14.58 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

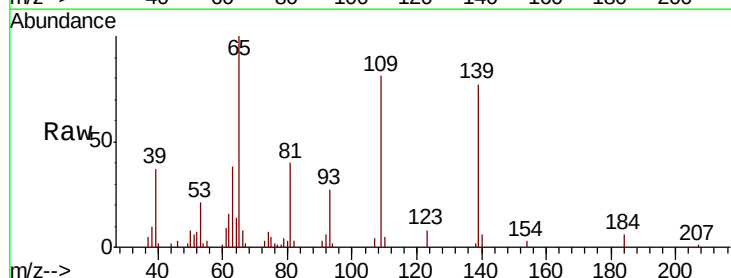
Tgt Ion:139 Resp: 60093

Ion Ratio Lower Upper

139 100

109 105.4 89.4 129.4

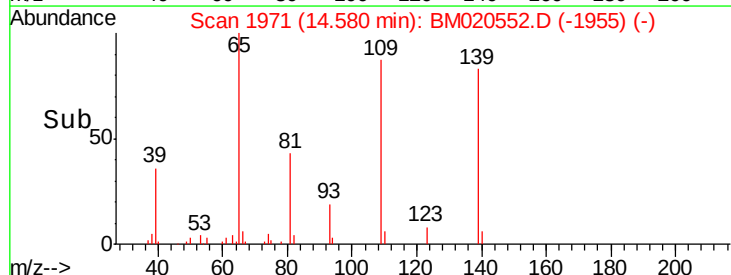
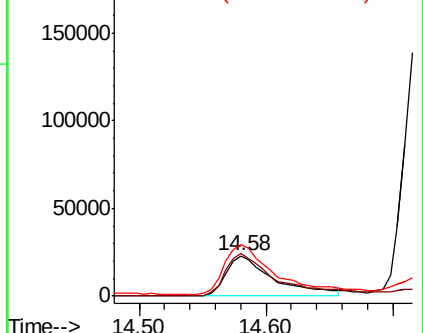
65 129.8 113.3 153.3



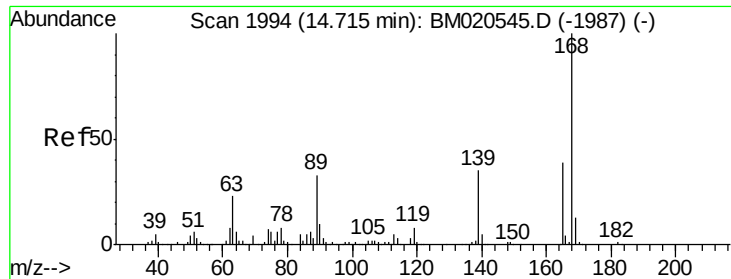
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



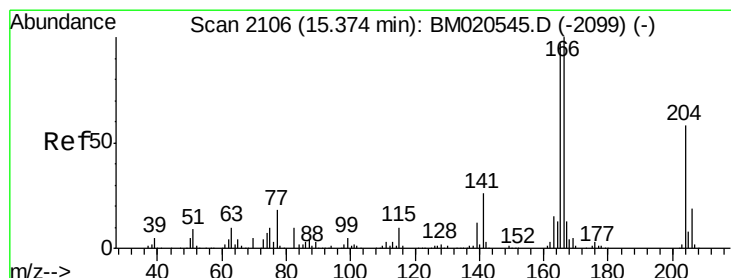
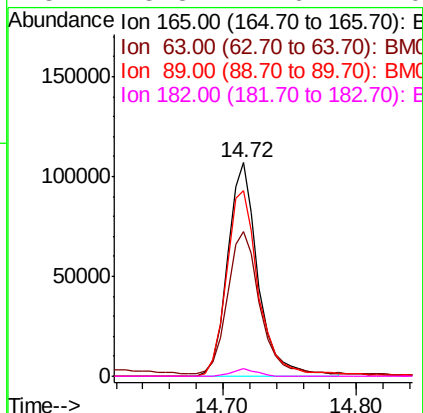
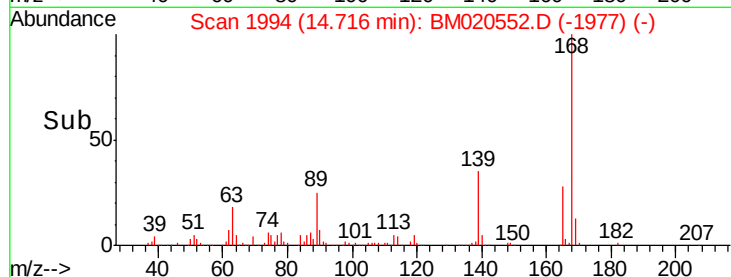
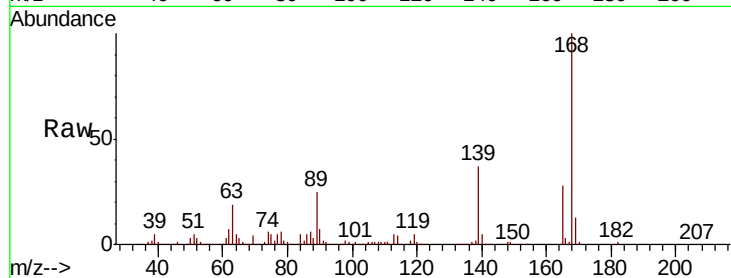




#57  
 2,4-Dinitrotoluene  
 Concen: 40.250 ng  
 RT: 14.72 min Scan# 1994  
 Delta R.T. 0.00 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

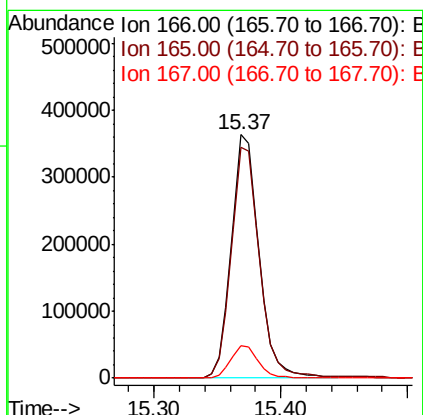
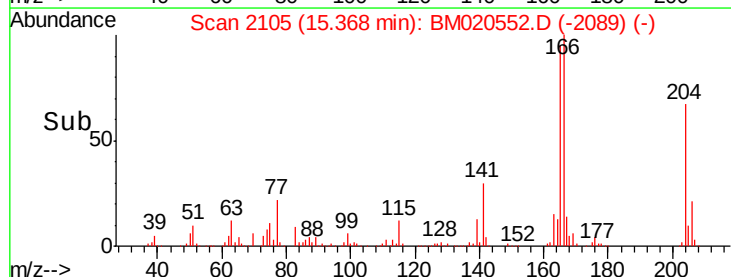
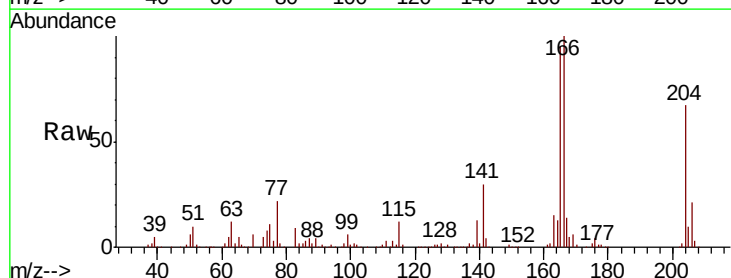
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

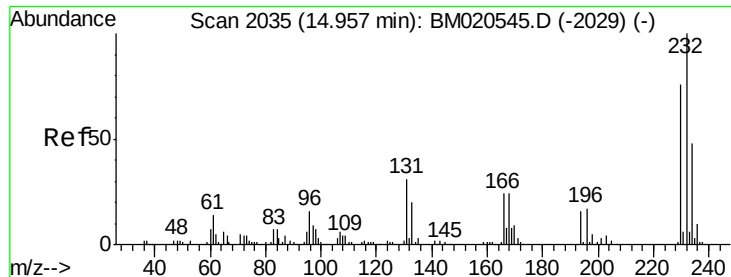
Tot Ion:165 Resp: 170362  
 Ion Ratio Lower Upper  
 165 100  
 63 68.0 48.7 73.1  
 89 87.0 68.8 103.2  
 182 3.3 2.6 4.0



#58  
 Fluorene  
 Concen: 40.119 ng  
 RT: 15.37 min Scan# 2105  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

Tgt Ion:166 Resp: 547837  
 Ion Ratio Lower Upper  
 166 100  
 165 94.6 77.4 116.0  
 167 13.6 10.6 16.0

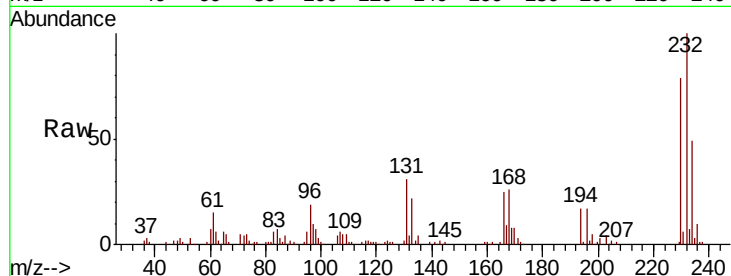




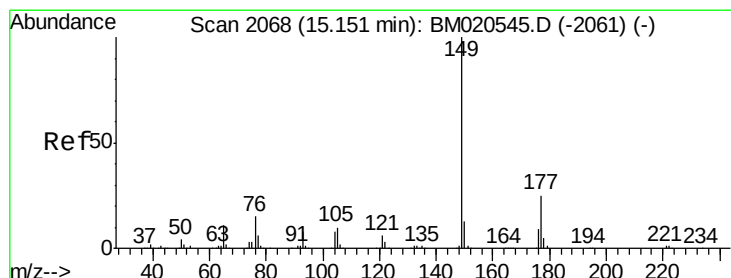
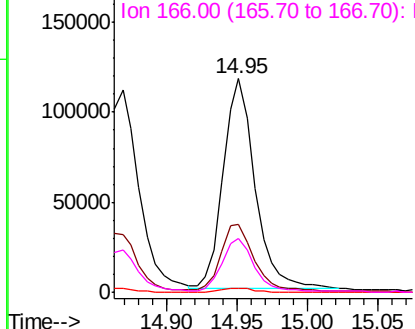
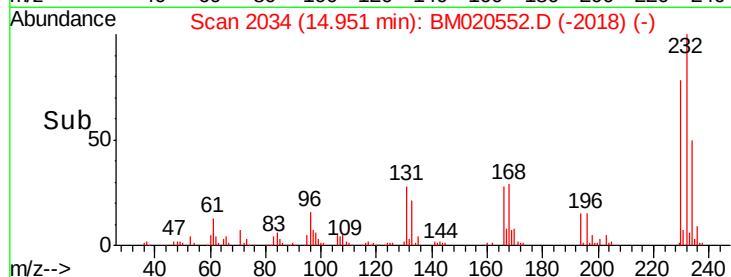
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.578 ng  
RT: 14.95 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 33.0  | 25.4  | 38.0  |
| 130     | 1.9   | 1.5   | 2.3   |
| 166     | 24.9  | 19.7  | 29.5  |

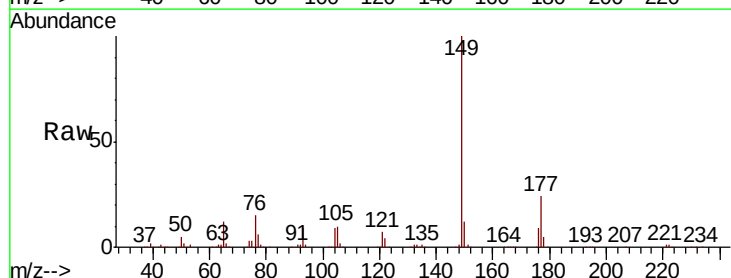


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

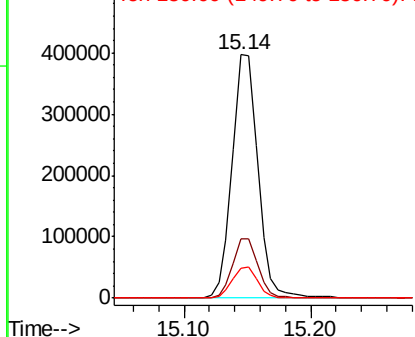
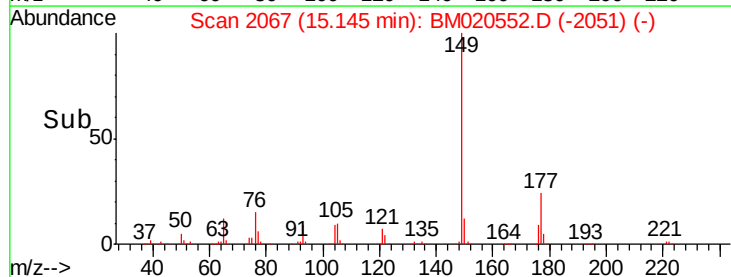


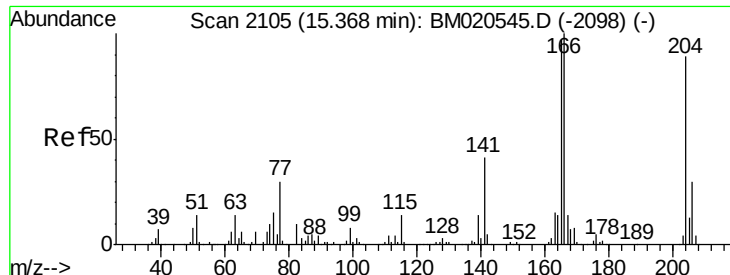
#60  
Diethylphthalate  
Concen: 40.332 ng  
RT: 15.14 min Scan# 2067  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.5  | 19.8  | 29.8  |
| 150     | 12.5  | 10.2  | 15.2  |



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

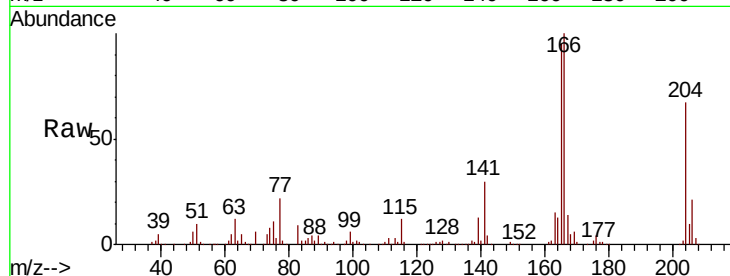




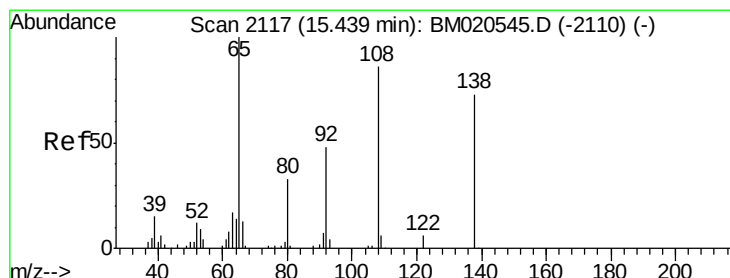
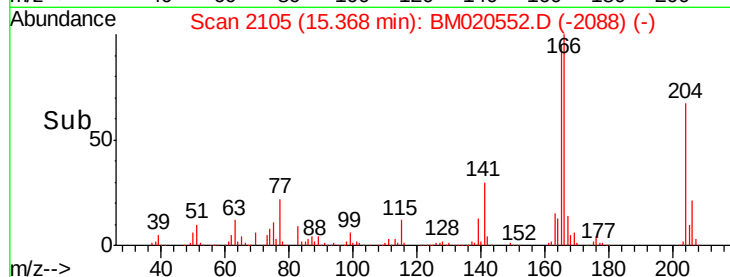
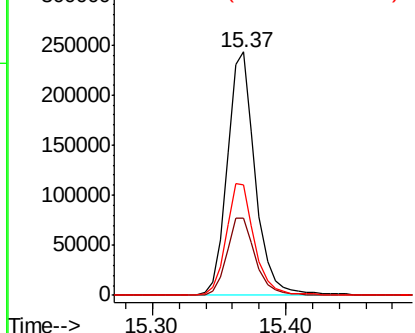
#61  
4-Chlorophenyl-phenylether  
Concen: 40.646 ng  
RT: 15.37 min Scan# 2105  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:204 Resp: 354335  
Ion Ratio Lower Upper  
204 100  
206 31.7 26.6 40.0  
141 45.5 36.9 55.3

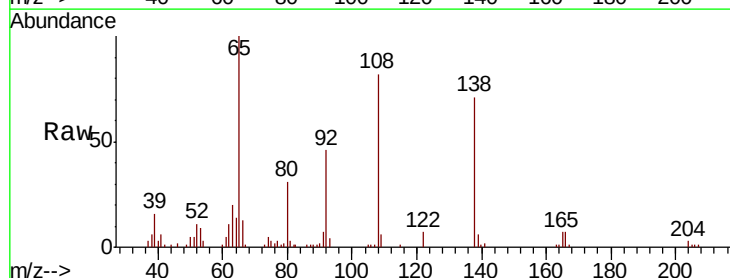


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

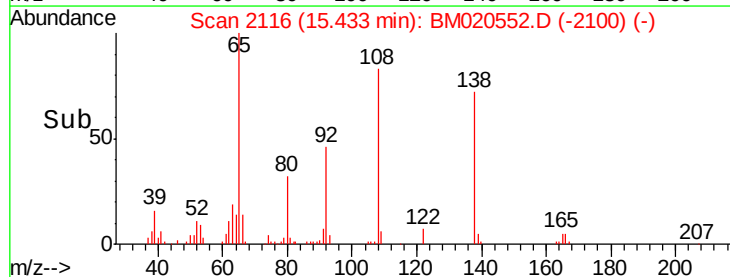
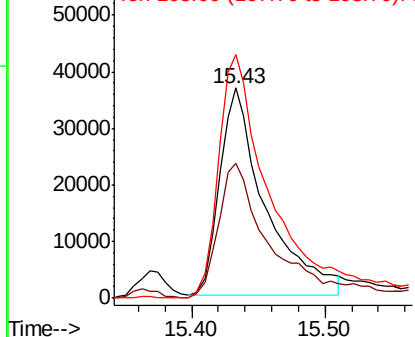


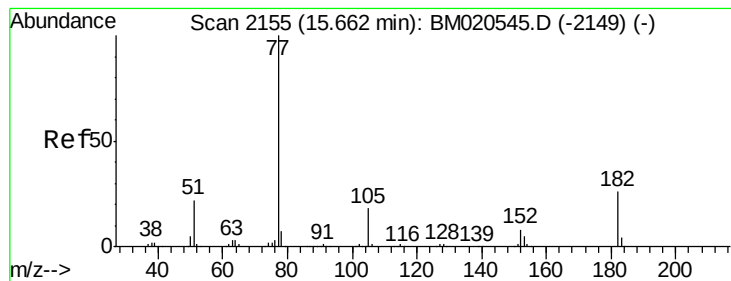
#62  
4-Nitroaniline  
Concen: 35.378 ng  
RT: 15.43 min Scan# 2116  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion:138 Resp: 87163  
Ion Ratio Lower Upper  
138 100  
92 63.9 44.5 84.5  
108 115.8 95.9 135.9



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





#63

Azobenzene

Concen: 41.643 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 561449

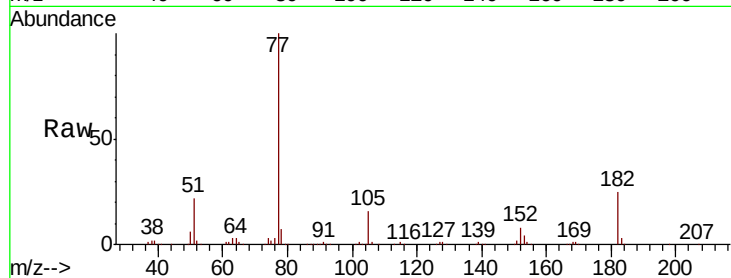
Ion Ratio Lower Upper

77 100

182 24.6 5.7 45.7

105 16.3 0.0 37.6

51 22.2 1.7 41.7

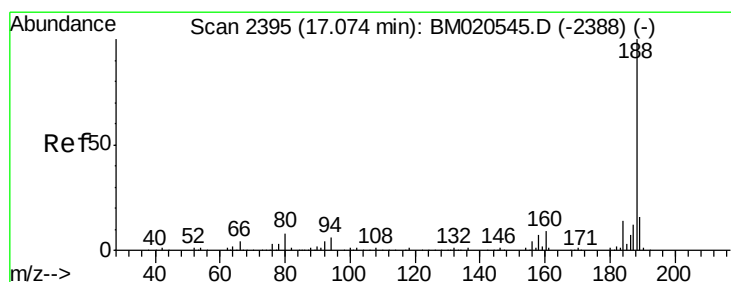
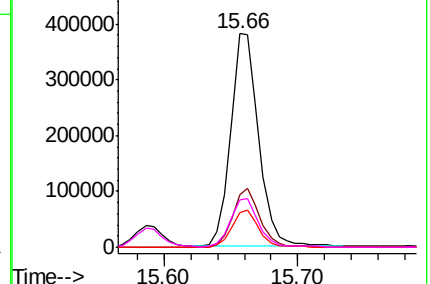
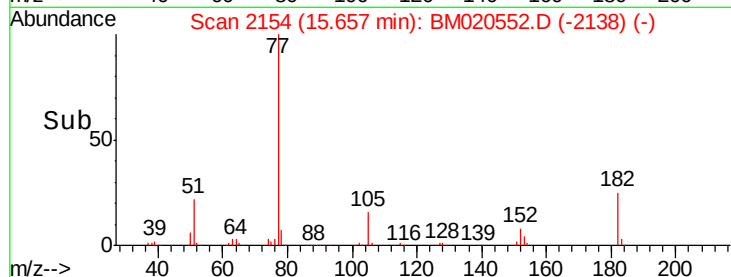


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BM020545.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-2149) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

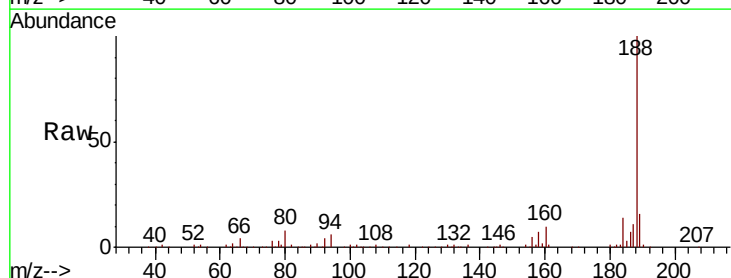
Tgt Ion: 188 Resp: 450391

Ion Ratio Lower Upper

188 100

94 6.4 5.0 7.4

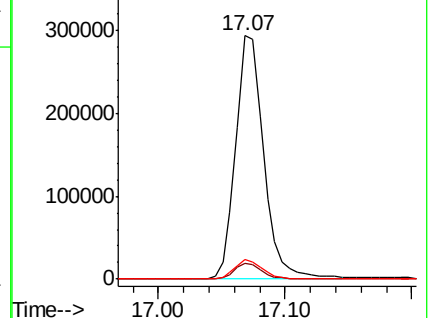
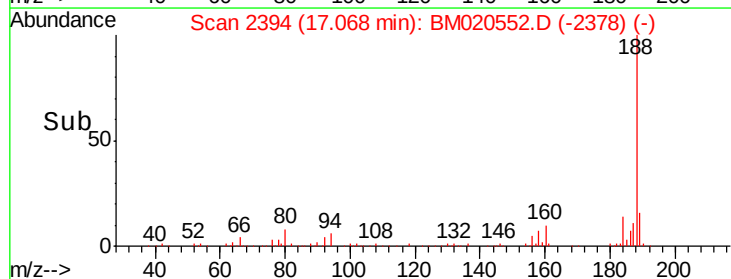
80 8.1 6.5 9.7

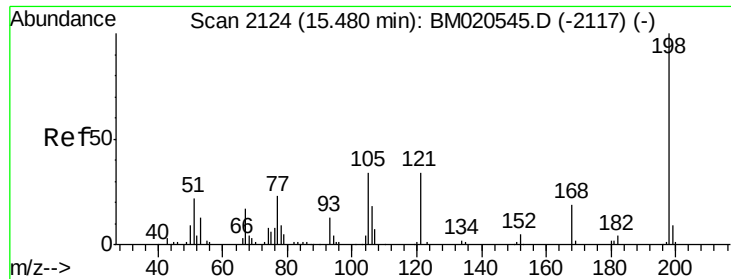


Abundance Ion 188.00 (187.70 to 188.70): BM020545.D (-2388) (-)

Ion 94.00 (93.70 to 94.70): BM020545.D (-2388) (-)

Ion 80.00 (79.70 to 80.70): BM020545.D (-2388) (-)

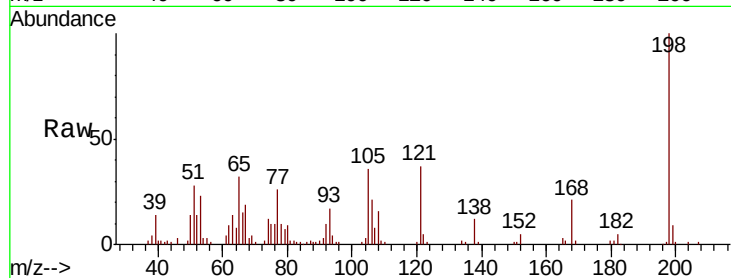




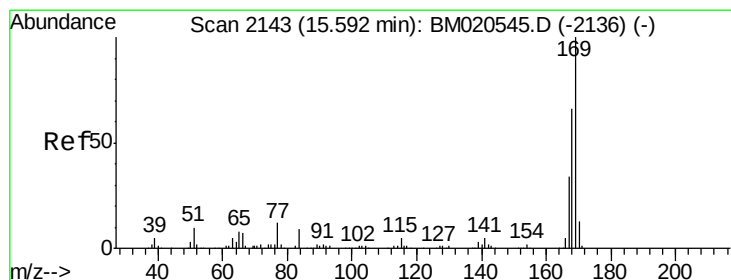
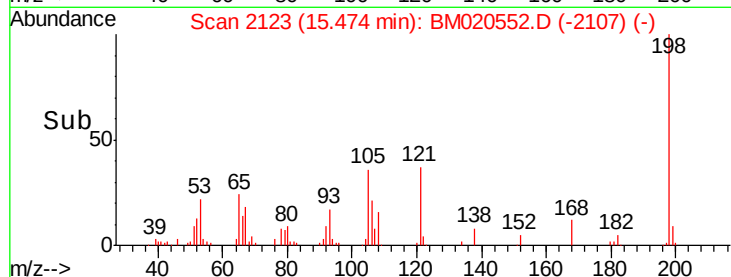
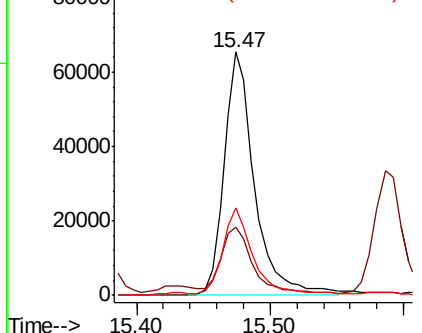
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.051 ng  
 RT: 15.47 min Scan# 2123  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:198 Resp: 104248  
 Ion Ratio Lower Upper  
 198 100  
 51 27.9 6.4 46.4  
 105 36.0 15.1 55.1

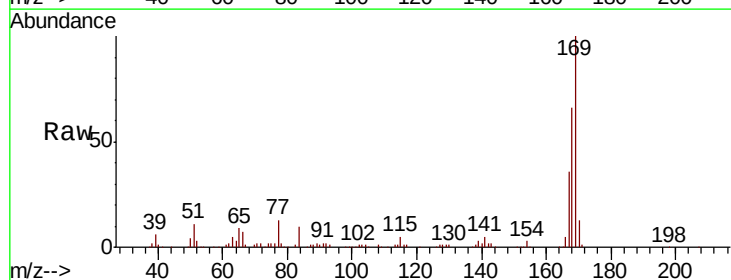


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BM020545.D (-2117) (-)  
 Ion 105.00 (104.70 to 105.70): E

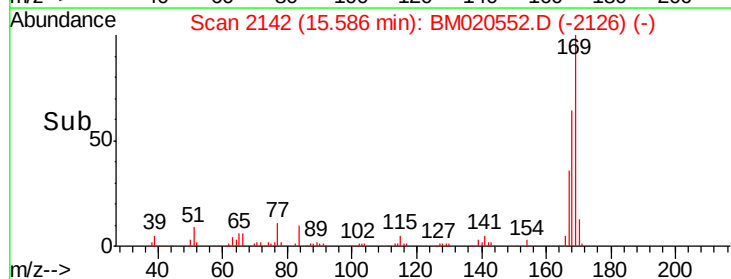
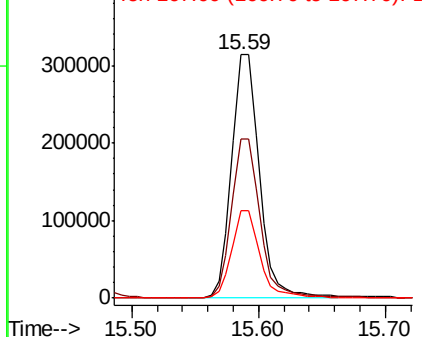


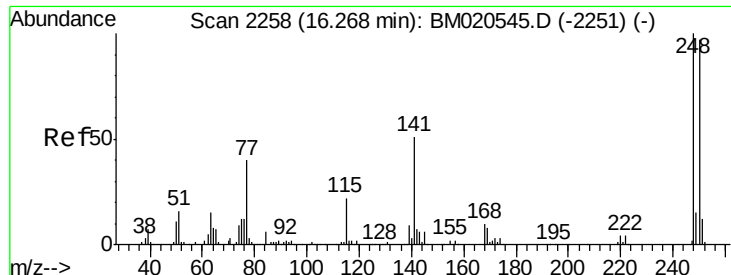
#66  
 n-Nitrosodiphenylamine  
 Concen: 39.010 ng  
 RT: 15.59 min Scan# 2142  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

Tgt Ion:169 Resp: 476396  
 Ion Ratio Lower Upper  
 169 100  
 168 65.6 52.5 78.7  
 167 35.9 27.5 41.3



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

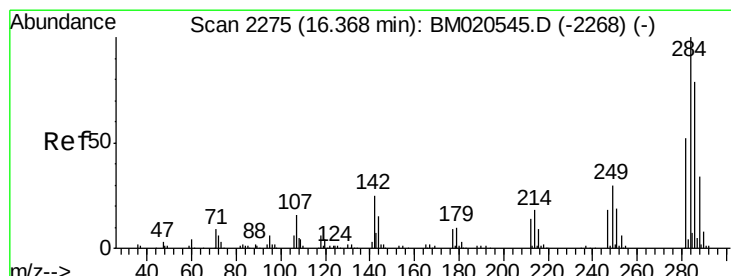
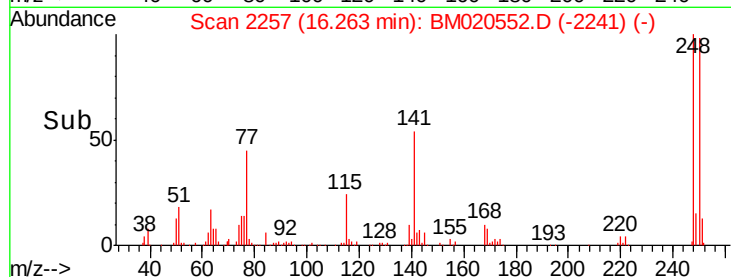
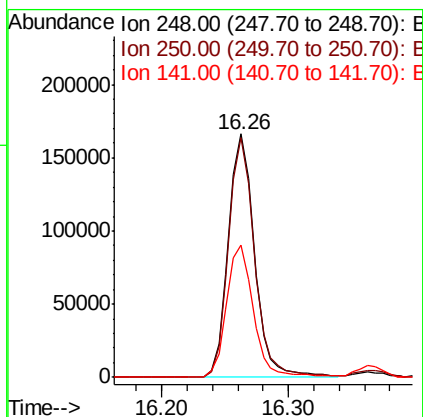
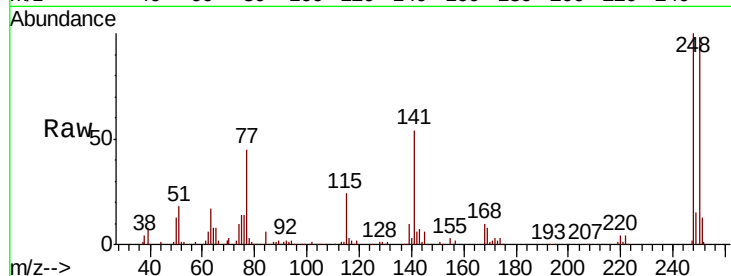




#67  
 4-Bromophenyl-phenylether  
 Concen: 39.743 ng  
 RT: 16.26 min Scan# 2257  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

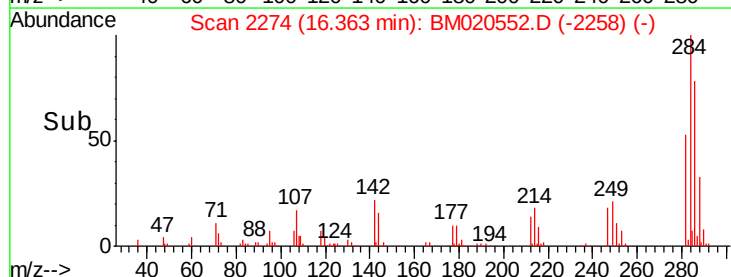
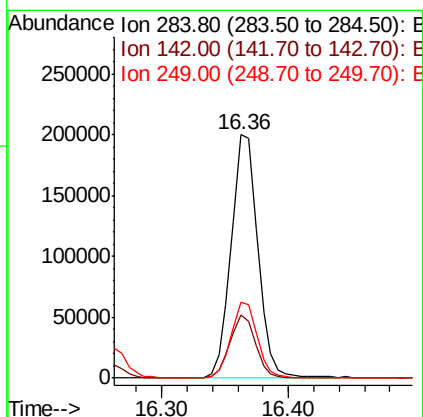
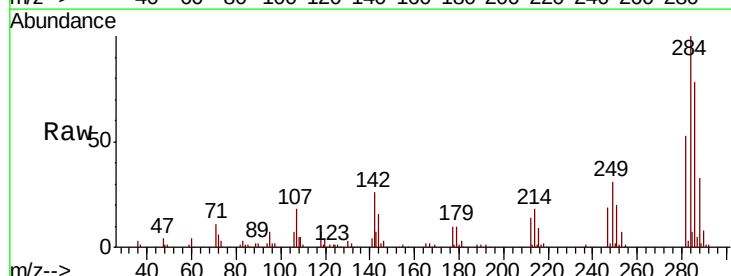
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

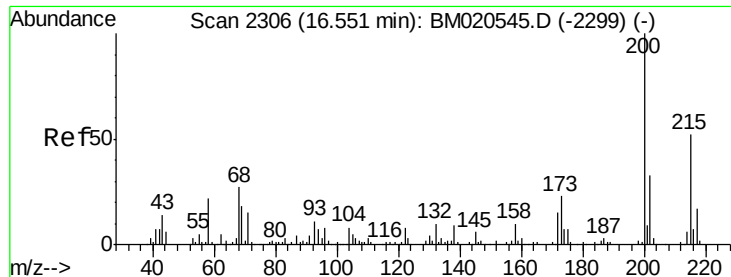
Tot Ion:248 Resp: 238456  
 Ion Ratio Lower Upper  
 248 100  
 250 98.4 77.8 116.6  
 141 54.1 41.0 61.6



#68  
 Hexachlorobenzene  
 Concen: 40.184 ng  
 RT: 16.36 min Scan# 2274  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

Tgt Ion:284 Resp: 292327  
 Ion Ratio Lower Upper  
 284 100  
 142 25.9 20.2 30.2  
 249 31.0 23.9 35.9

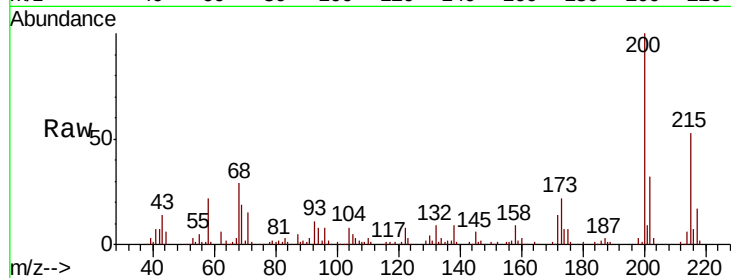




#69  
Atrazine  
Concen: 41.233 ng  
RT: 16.54 min Scan# 2305  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.4  | 3.2   | 43.2  |
| 215     | 52.9  | 31.7  | 71.7  |

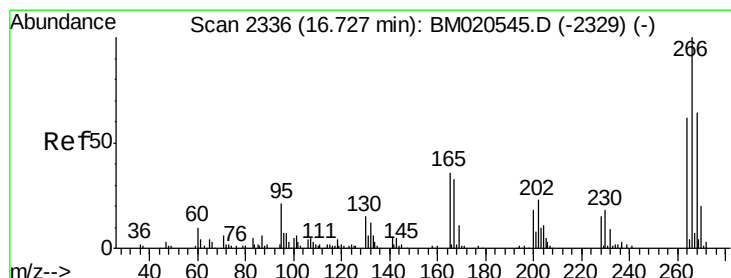
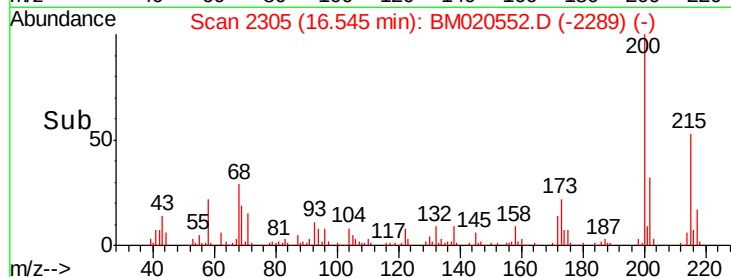
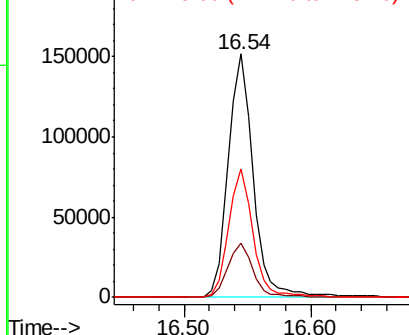


Abundance

Ion 200.00 (199.70 to 200.70): E

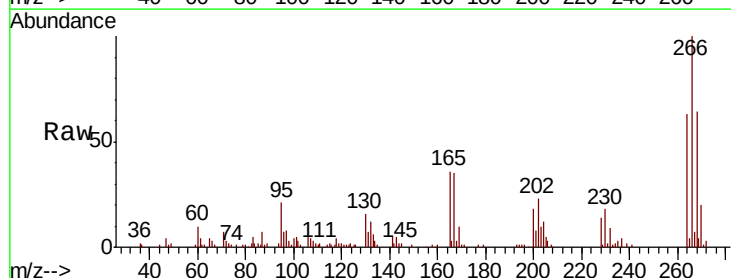
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 40.209 ng  
RT: 16.72 min Scan# 2335  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 51.0  | 76.4  |
| 264     | 63.2  | 49.8  | 74.8  |

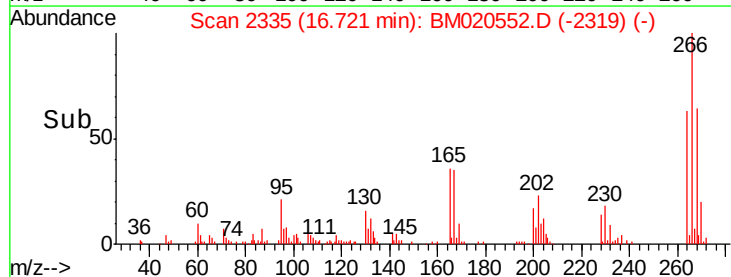
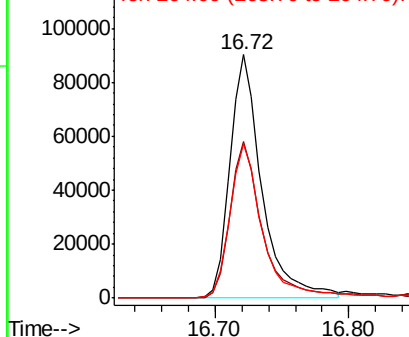


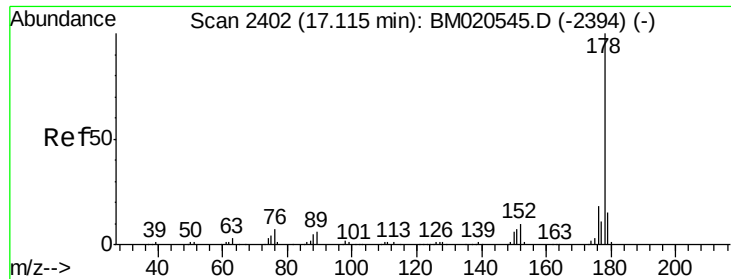
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

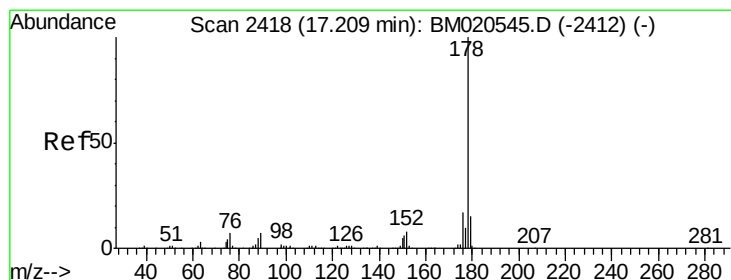
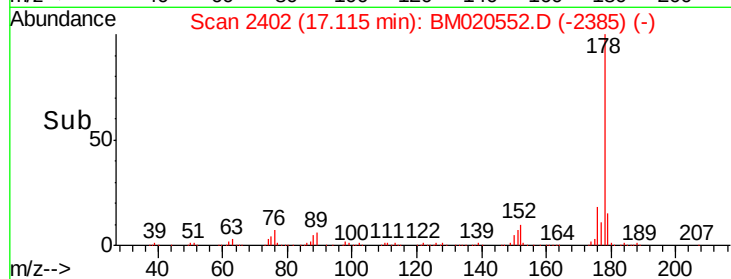
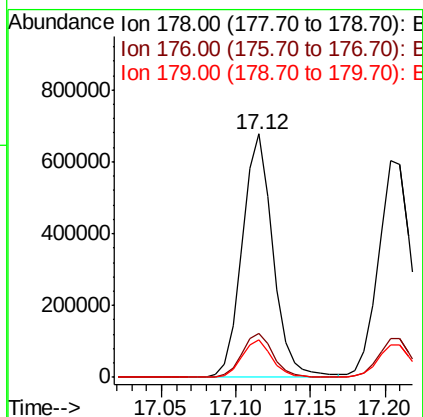
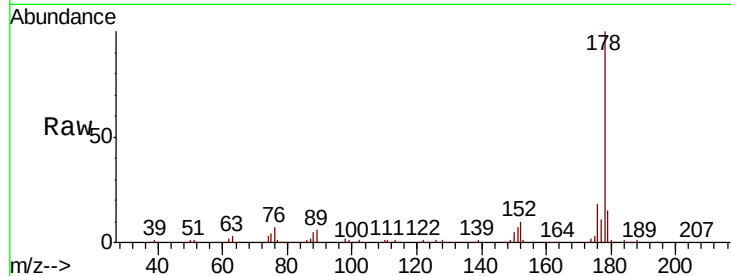




#71  
Phenanthrene  
Concen: 39.493 ng  
RT: 17.12 min Scan# 2402  
Delta R.T. 0.00 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

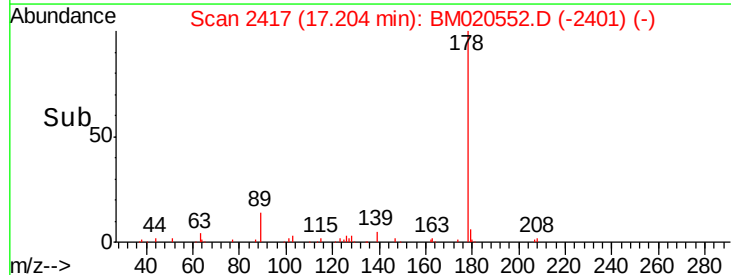
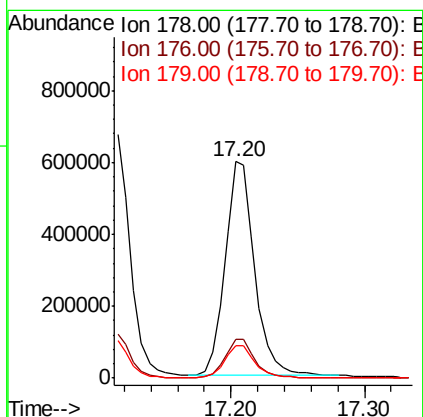
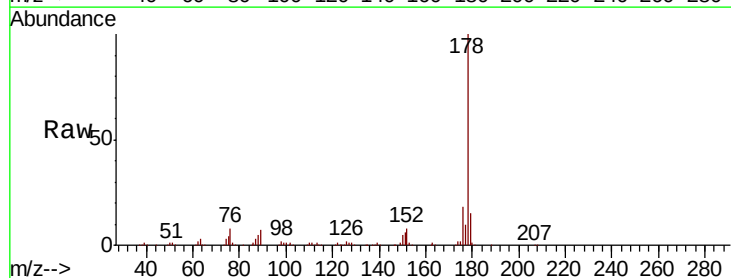
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:178 Resp: 966296  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.7 22.1  
179 15.4 12.2 18.2

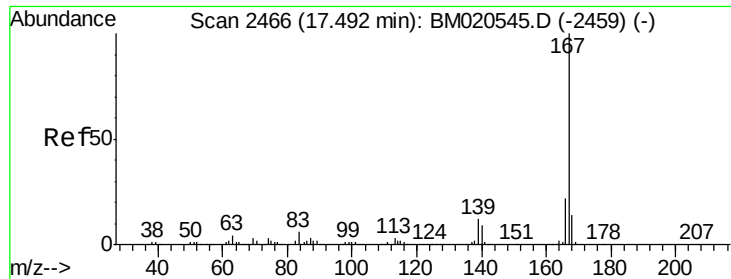


#72  
Anthracene  
Concen: 38.768 ng  
RT: 17.20 min Scan# 2417  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion:178 Resp: 919896  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.0 21.0  
179 15.1 12.4 18.6



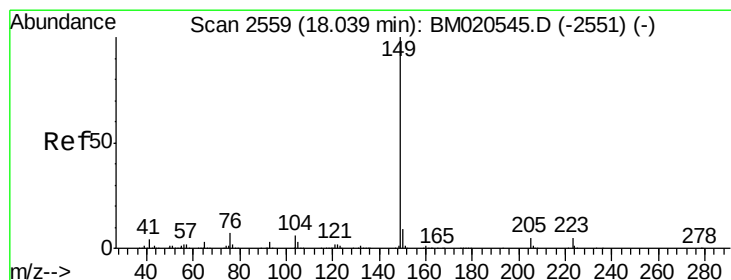
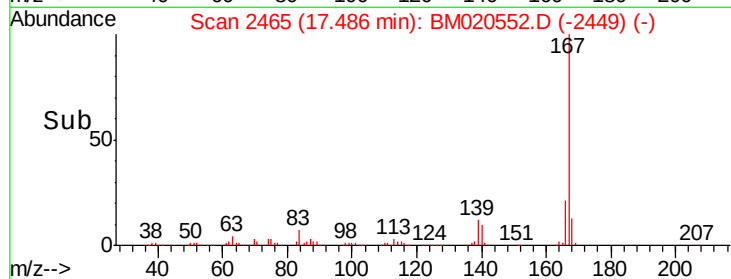
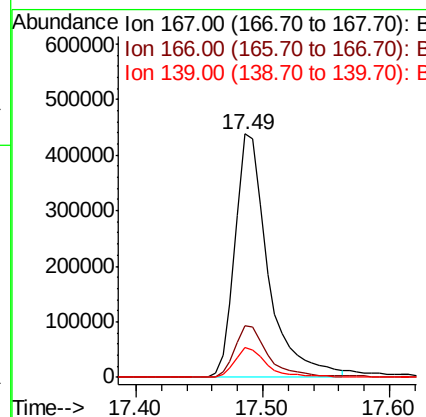
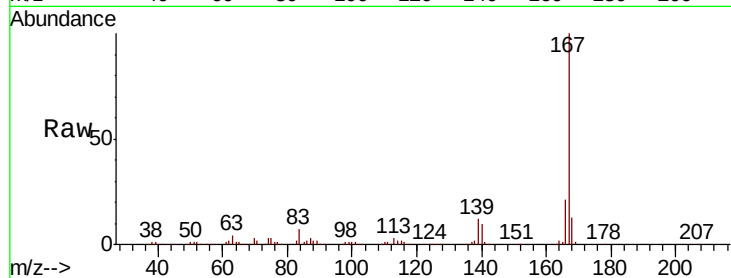




#73  
 Carbazole  
 Concen: 39.034 ng  
 RT: 17.49 min Scan# 2465  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

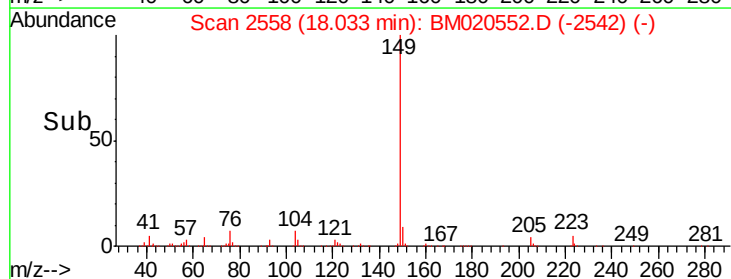
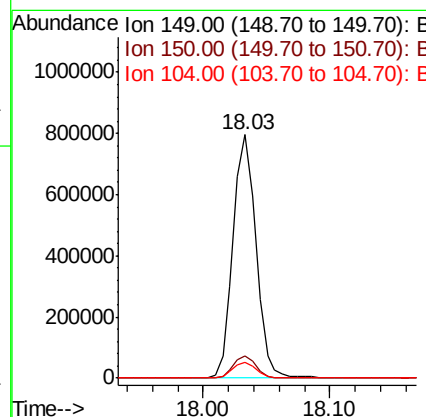
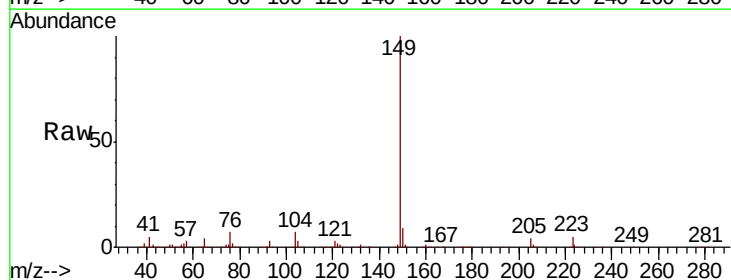
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

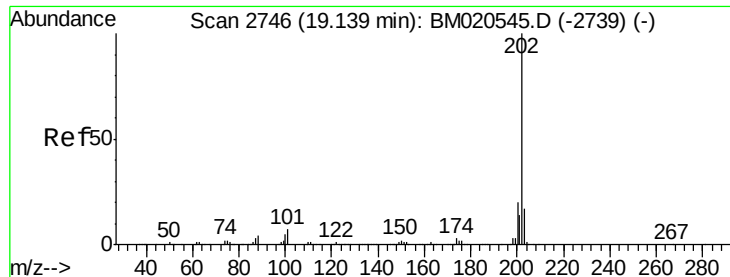
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.4  | 26.0  |
| 139     | 12.1  | 9.3   | 13.9  |



#74  
 Di-n-butylphthalate  
 Concen: 39.877 ng  
 RT: 18.03 min Scan# 2558  
 Delta R.T. -0.01 min  
 Lab File: BM020552.D  
 Acq: 24 May 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.3   | 10.9  |
| 104     | 6.5   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 40.268 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

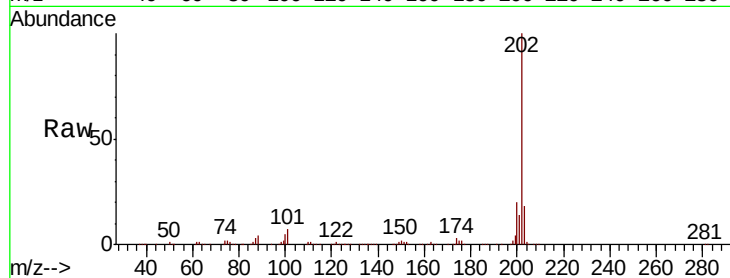
Tot Ion:202 Resp: 1370114

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.7

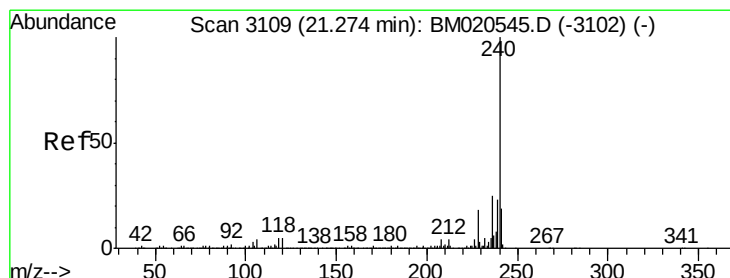
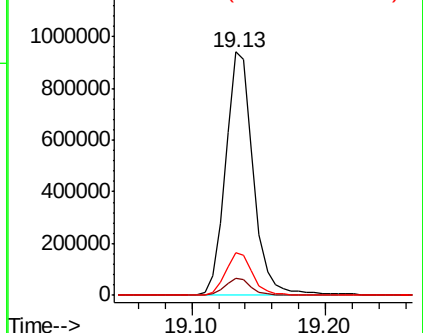
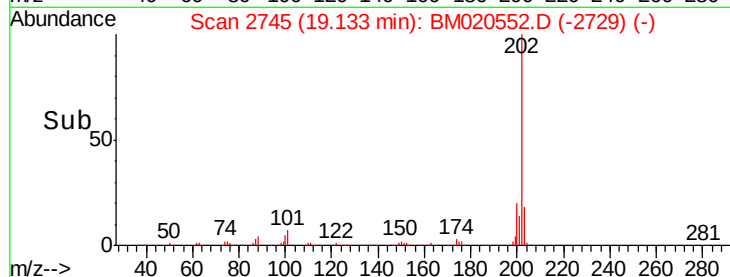
203 17.6 0.0 37.4



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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

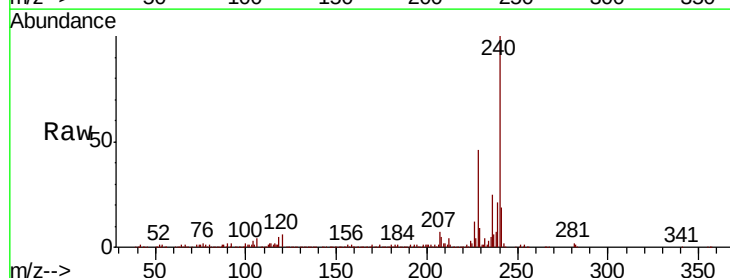
Tgt Ion:240 Resp: 588183

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

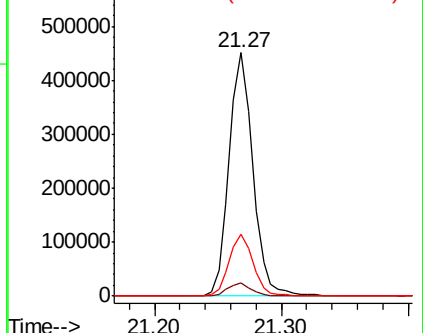
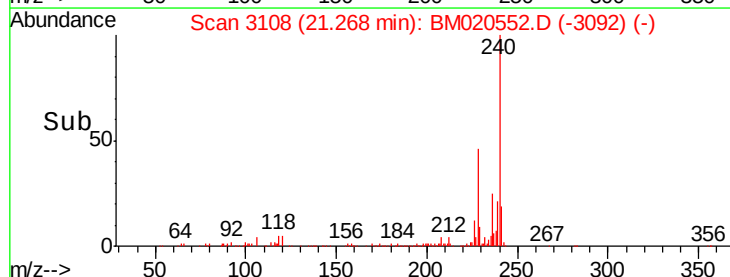
236 25.4 20.2 30.4

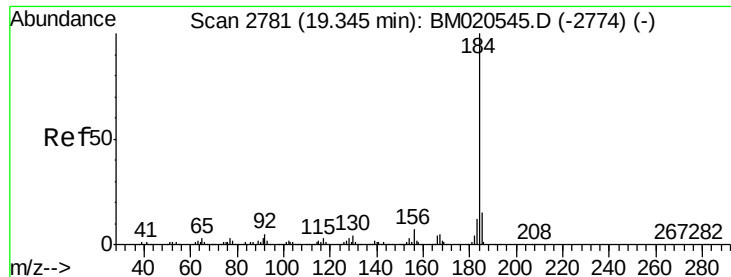


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.035 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

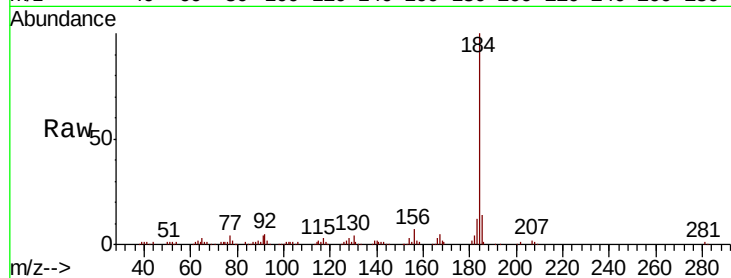
Tot Ion:184 Resp: 400324

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.8

183 11.6 9.7 14.5

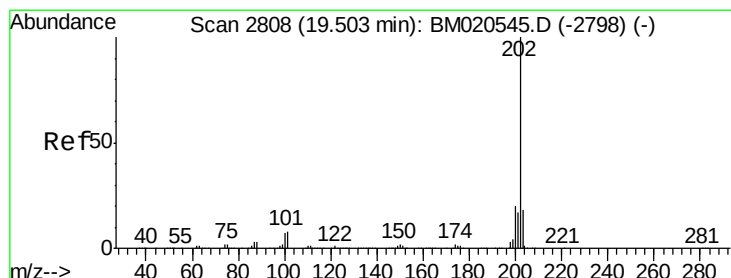
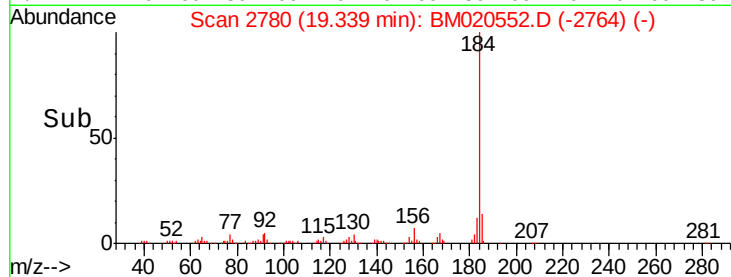
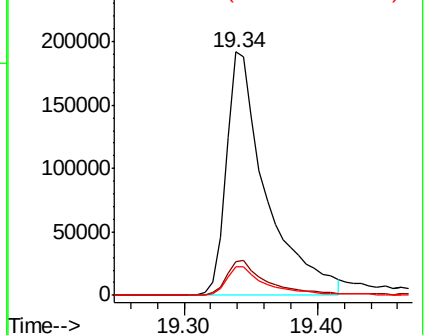


Abundance

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: 38.468 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

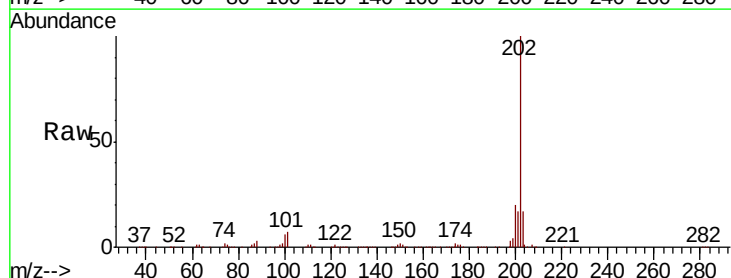
Tgt Ion:202 Resp: 1420476

Ion Ratio Lower Upper

202 100

200 20.2 16.0 24.0

203 17.0 14.1 21.1

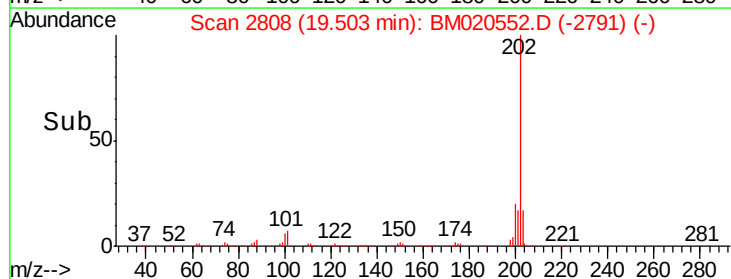
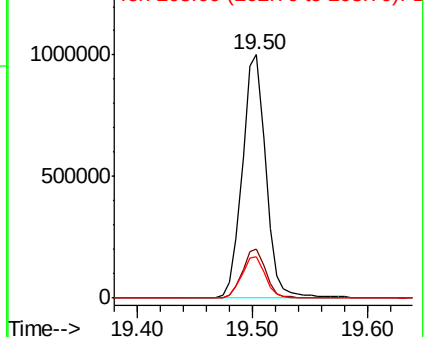


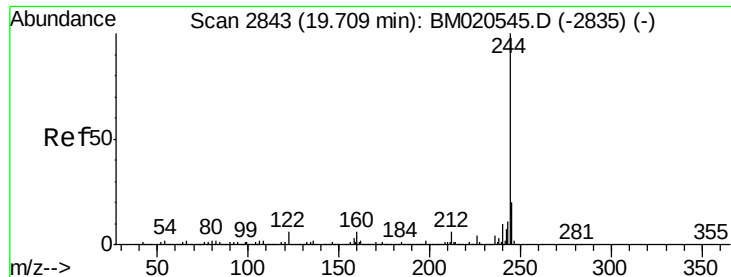
Abundance

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: 78.073 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

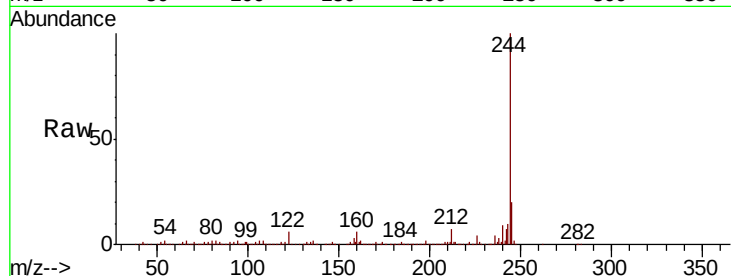
Tot Ion:244 Resp: 2540212

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

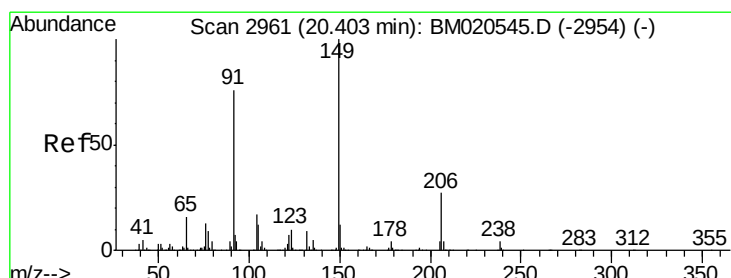
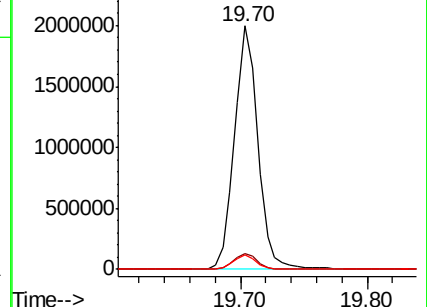
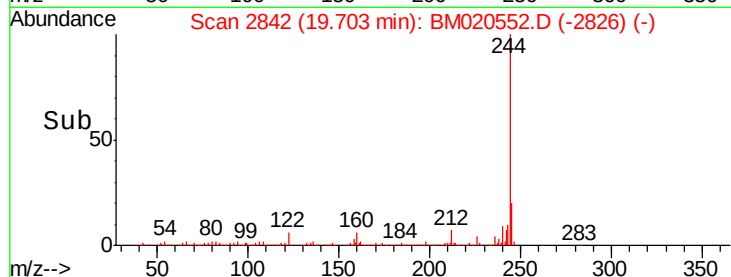
122 6.0 4.6 7.0



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: 38.083 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

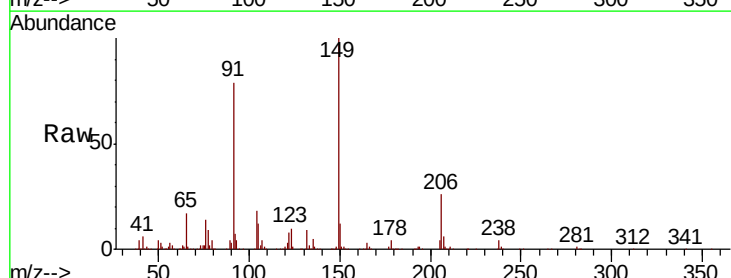
Tgt Ion:149 Resp: 494116

Ion Ratio Lower Upper

149 100

91 79.2 60.9 91.3

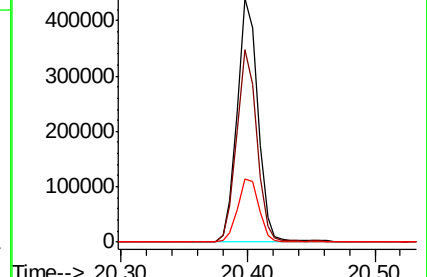
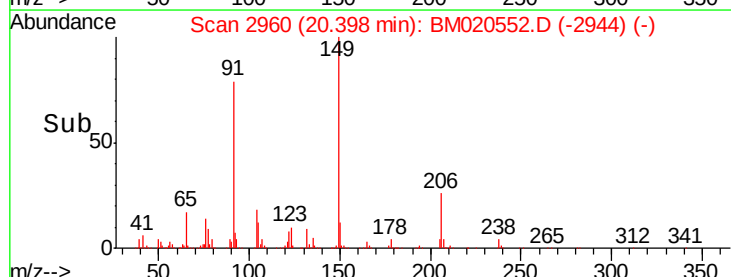
206 26.1 21.6 32.4

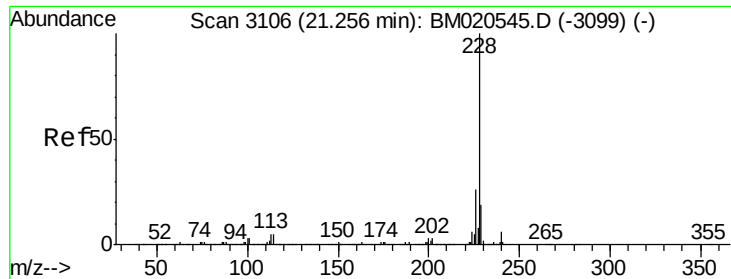


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.091 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

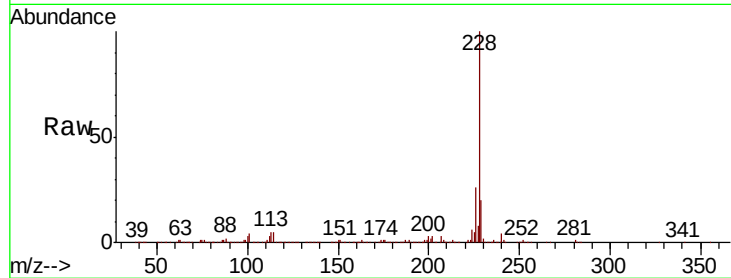
Tot Ion:228 Resp: 1591340

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.2  | 20.7  | 31.1  |
| 229 | 19.7  | 15.5  | 23.3  |

228 100

226 26.2 20.7 31.1

229 19.7 15.5 23.3

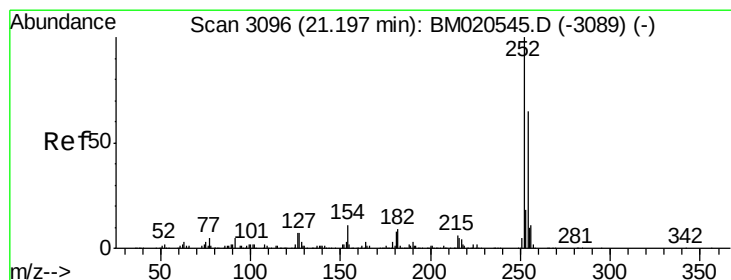
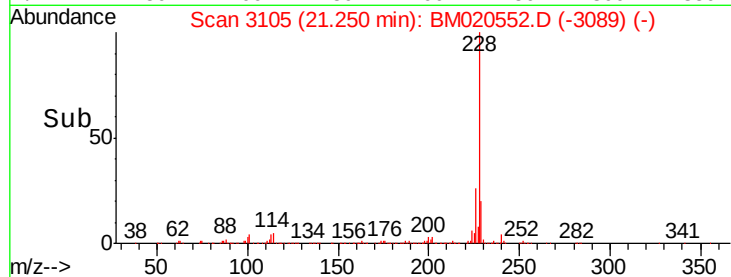
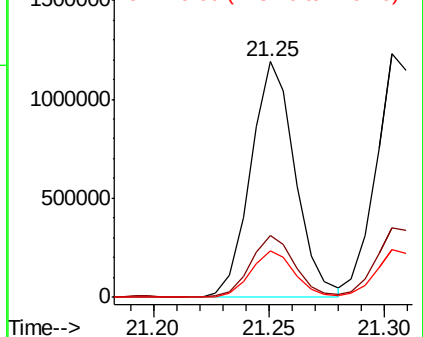


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.038 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

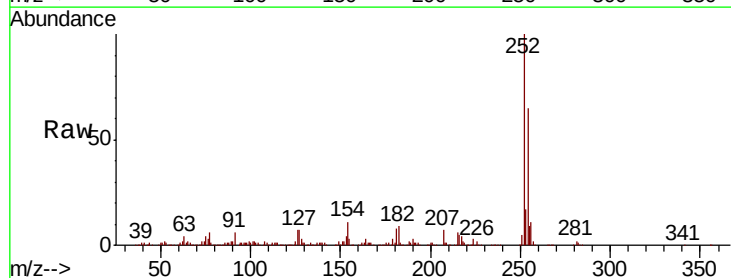
Tgt Ion:252 Resp: 580038

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.4  | 51.8  | 77.6  |
| 126 | 6.7   | 5.2   | 7.8   |

252 100

254 65.4 51.8 77.6

126 6.7 5.2 7.8

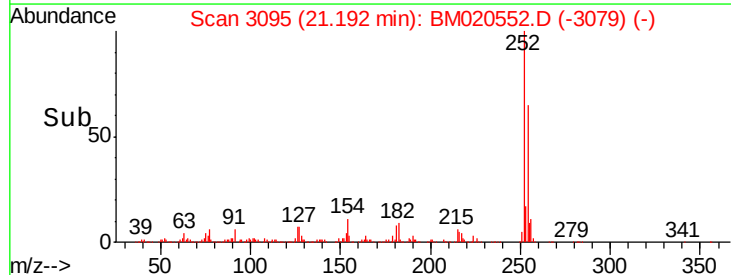
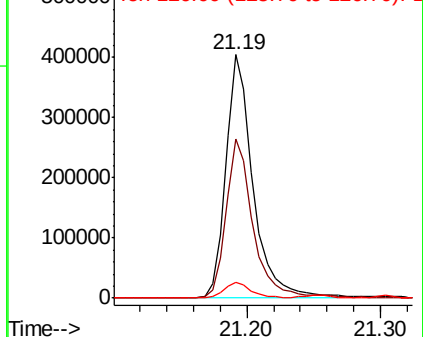


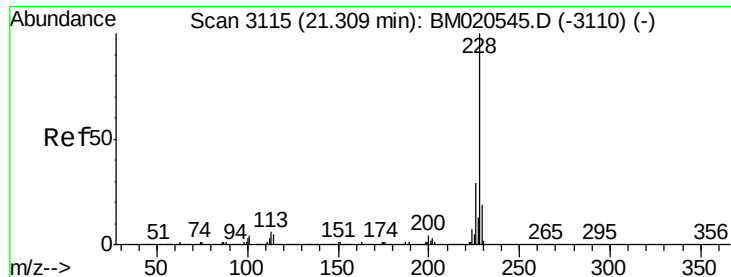
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.789 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

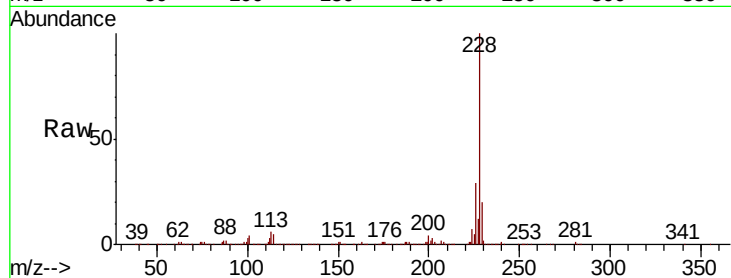
BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1565123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.8  | 22.9  | 34.3  |
| 229 | 19.8  | 15.4  | 23.2  |

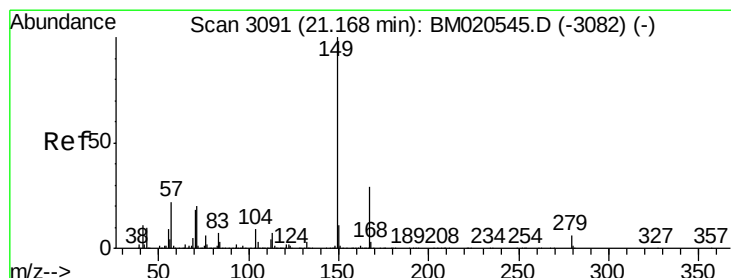
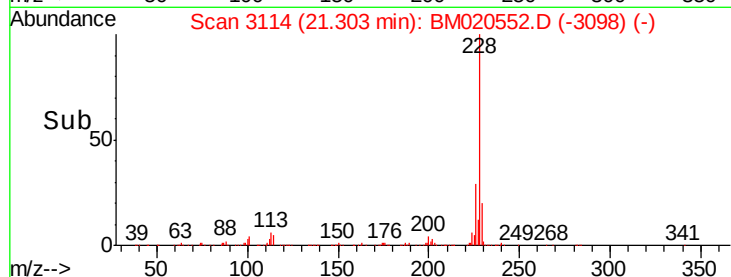
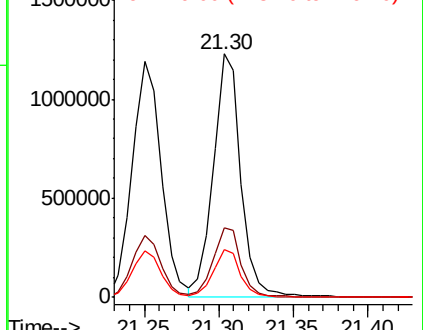


Abundance

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: 38.568 ng

RT: 21.17 min Scan# 3091

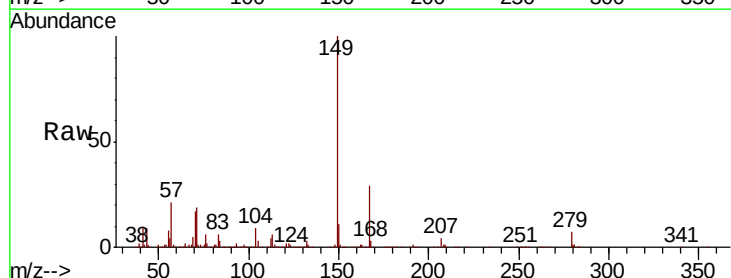
Delta R.T. 0.00 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Tgt Ion:149 Resp: 729312

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.3  | 22.9  | 34.3  |
| 279 | 6.5   | 4.9   | 7.3   |

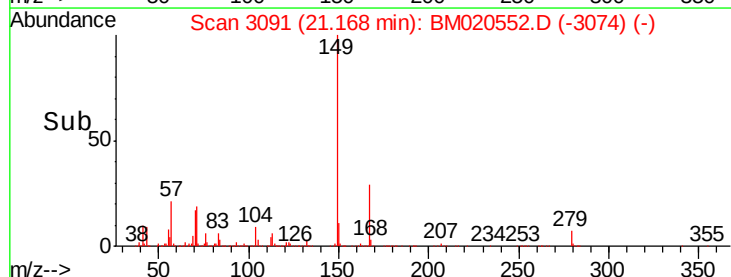
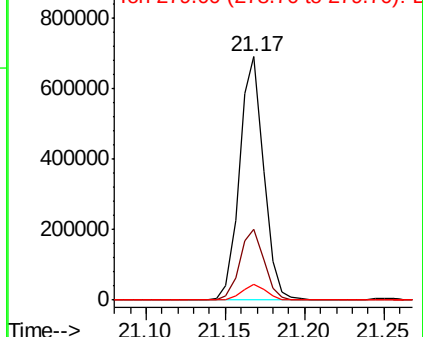


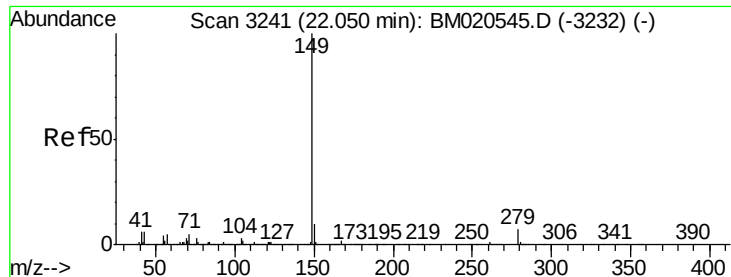
Abundance

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

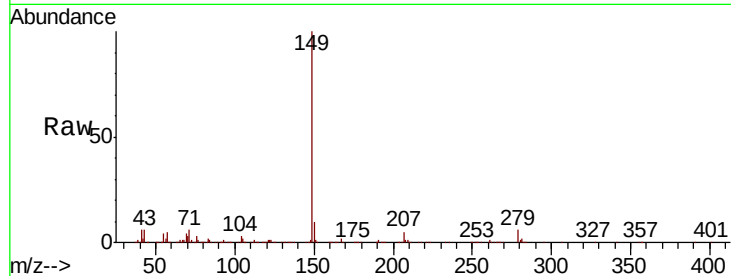




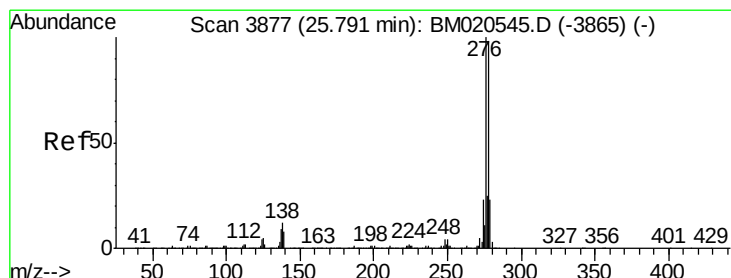
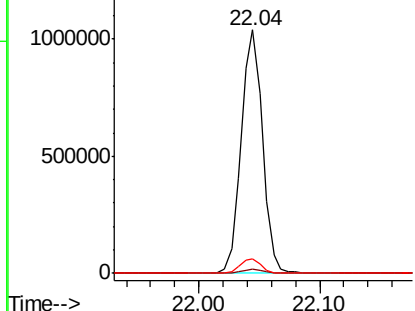
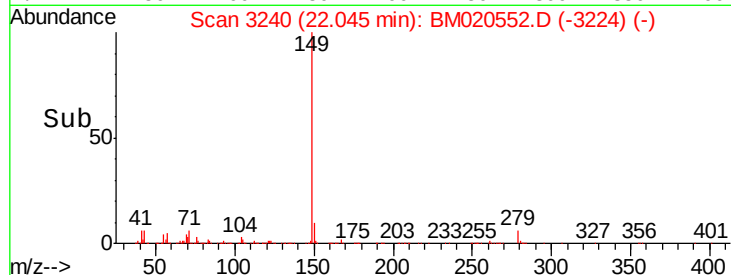
#85  
Di-n-octyl phthalate  
Concen: 39.101 ng  
RT: 22.04 min Scan# 3240  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 1285427  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 6.2 4.8 7.2

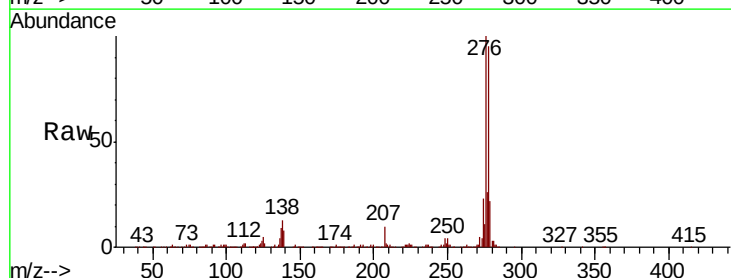


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BM

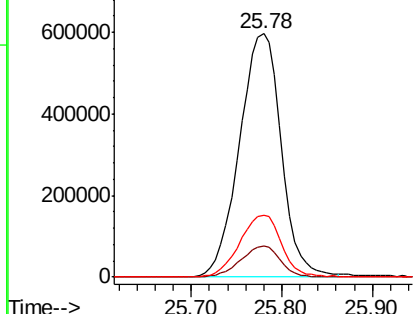
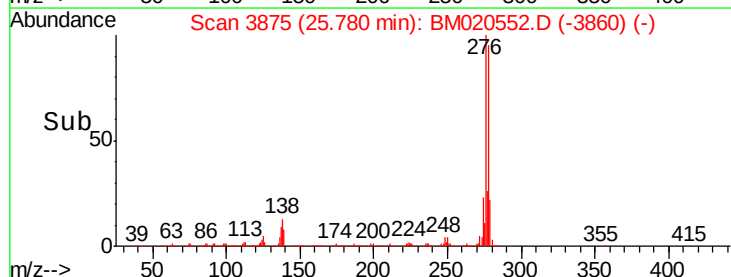


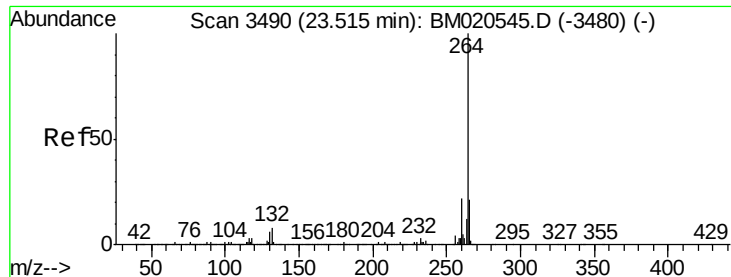
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.173 ng  
RT: 25.78 min Scan# 3875  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion:276 Resp: 1910693  
Ion Ratio Lower Upper  
276 100  
138 12.3 9.7 14.5  
277 25.7 20.4 30.6



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

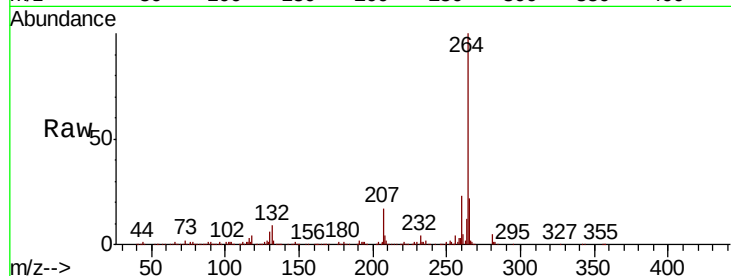
Tot Ion:264 Resp: 657414

Ion Ratio Lower Upper

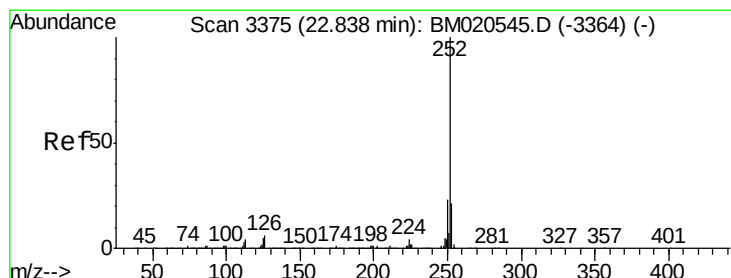
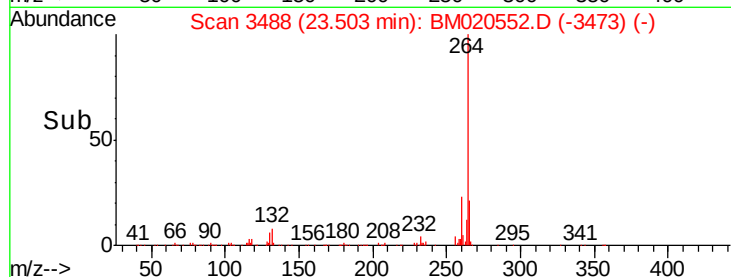
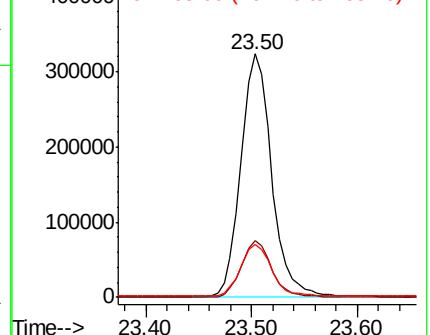
264 100

260 23.4 17.7 26.5

265 21.7 17.4 26.2



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: 38.519 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM020552.D

Acq: 24 May 2019 21:55

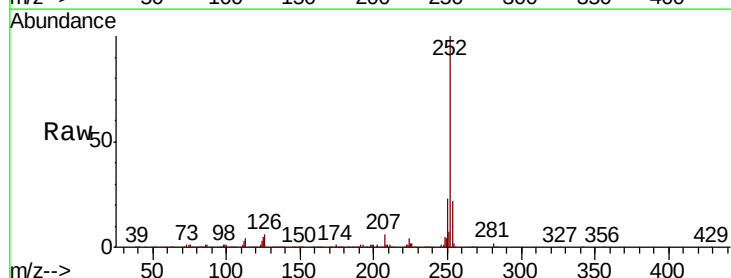
Tgt Ion:252 Resp: 1657401

Ion Ratio Lower Upper

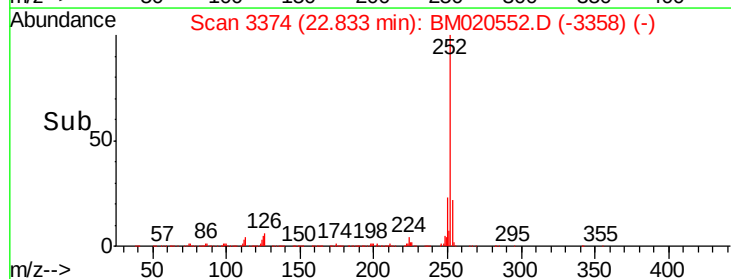
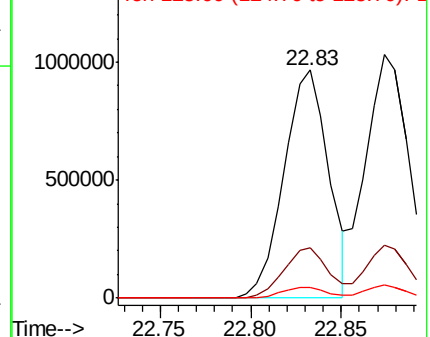
252 100

253 21.9 17.1 25.7

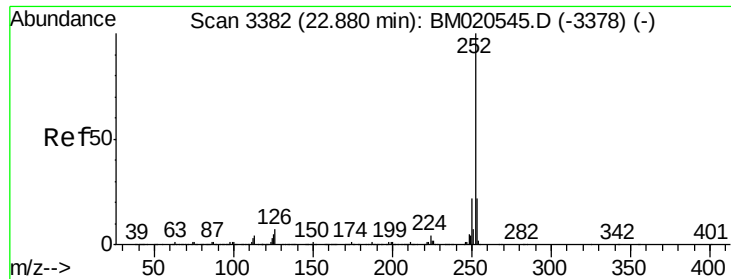
125 4.8 3.8 5.8



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



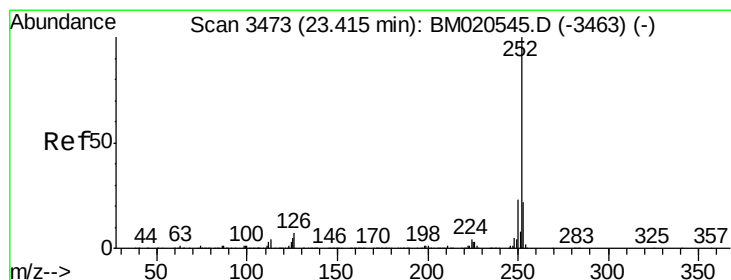
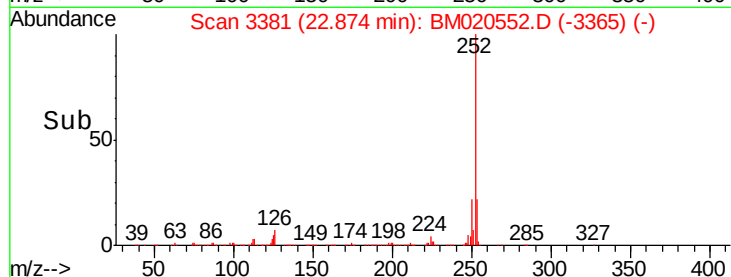
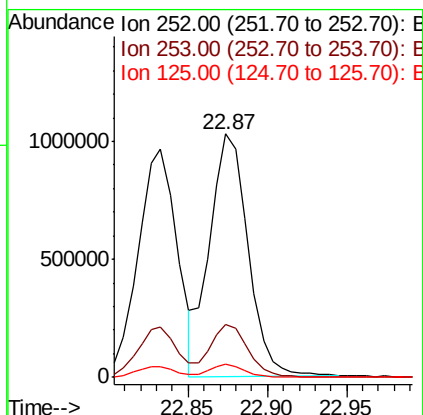
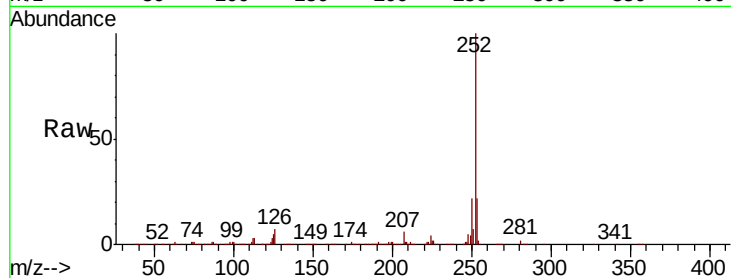




#89  
Benzo(k)fluoranthene  
Concen: 41.434 ng  
RT: 22.87 min Scan# 3381  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

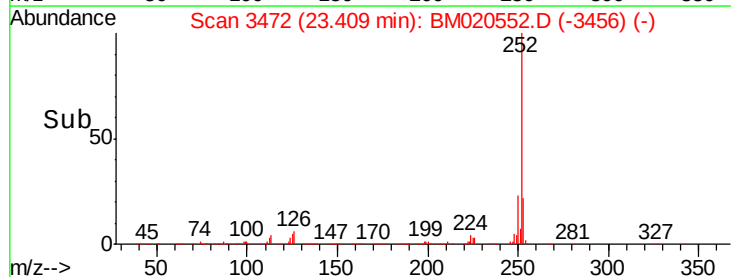
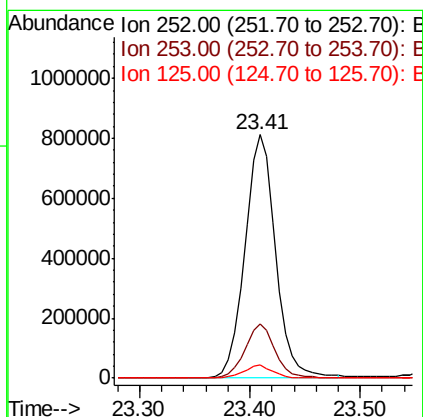
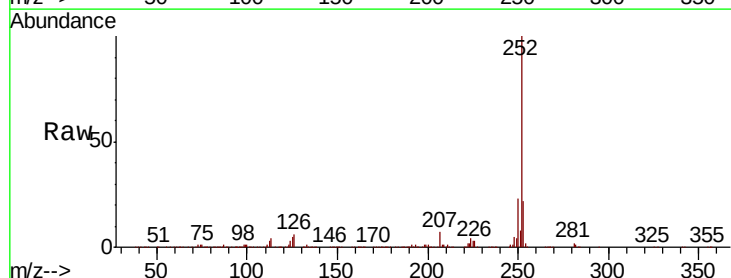
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

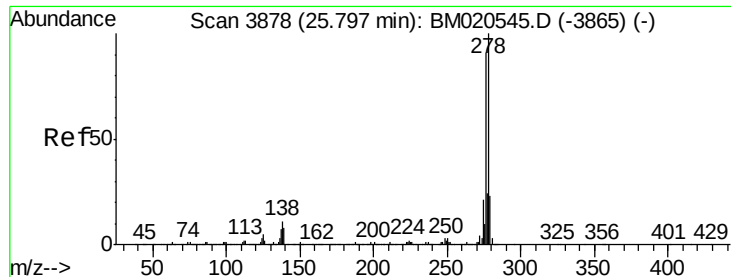
Tot Ion:252 Resp: 1730344  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 5.2 4.2 6.4



#90  
Benzo(a)pyrene  
Concen: 39.861 ng  
RT: 23.41 min Scan# 3472  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion:252 Resp: 1578316  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 5.4 4.2 6.4



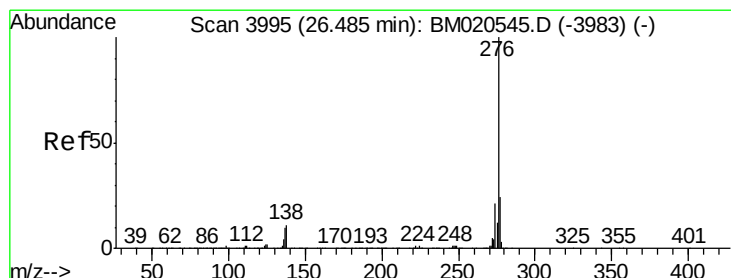
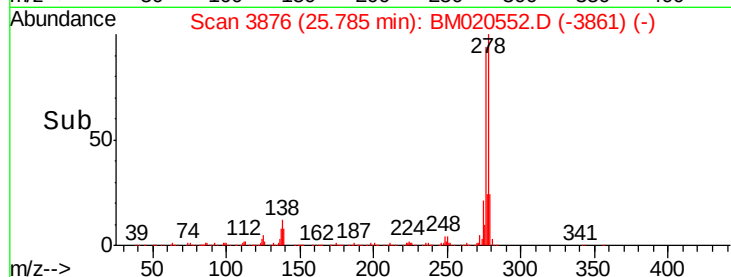
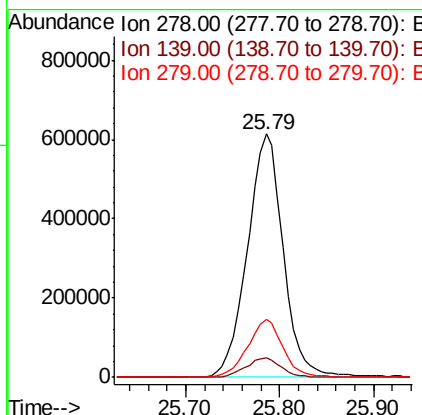
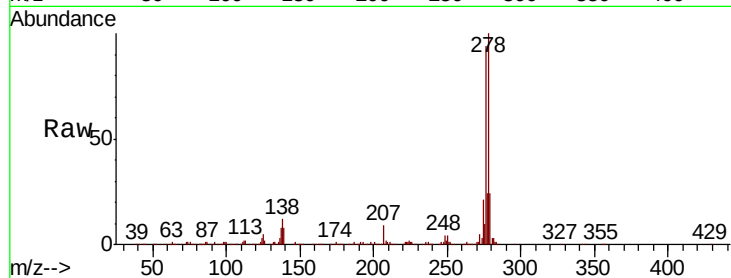


#91  
Dibenzo(a,h)anthracene  
Concen: 39.761 ng  
RT: 25.79 min Scan# 3876  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:278 Resp: 1611575  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 8.0   | 6.3   | 9.5   |
| 279 | 24.0  | 18.3  | 27.5  |



#92  
Benzo(g,h,i)perylene  
Concen: 39.752 ng  
RT: 26.48 min Scan# 3994  
Delta R.T. -0.01 min  
Lab File: BM020552.D  
Acq: 24 May 2019 21:55

Tgt Ion:276 Resp: 1493557  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.2  | 19.1  | 28.7  |
| 138 | 10.0  | 8.6   | 12.8  |

