

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031420\  
 Data File : BM025572.D  
 Acq On : 14 Mar 2020 15:18  
 Operator : CG/JU  
 Sample : SSTD16006  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 16 03:11:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 16 03:07:24 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 164105   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 681732   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 433666   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.02 | 188  | 911391   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.22 | 240  | 923404   | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 23.39 | 264  | 1051609  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 246277  | 72.18  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 2265171 | 207.79 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 1224734 | 198.91 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 1893787 | 193.89 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 1843916 | 200.45 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 918523  | 186.32 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 1049128 | 180.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 1986076 | 169.02 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 1880540 | 171.09 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 5407431 | 165.19 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 6707758 | 175.46 | ng/ul | 0.01 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 1084843 | 203.95 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.27 | 176 | 4779435 | 164.89 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 1057389 | 177.99 | ng/ul | 0.02 |
| 71) Anthracene-d10             | 17.13 | 188 | 7234552 | 173.88 | ng/ul | 0.01 |
| 79) Pyrene-d10                 | 19.42 | 212 | 7773758 | 168.30 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264 | 9501907 | 179.91 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |         |         | Ovalue |     |
|--------------------------------|-------|-----|---------|---------|--------|-----|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 257612  | 71.602  | ng/uL  | 89  |
| 4) Benzaldehyde                | 6.79  | 77  | 827201  | 115.369 | ng/ul  | 96  |
| 6) Phenol                      | 6.86  | 94  | 2332268 | 203.250 | ng/ul  | 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.08  | 93  | 1774660 | 191.528 | ng/ul  | 99  |
| 10) 2-Chlorophenol             | 7.22  | 128 | 1948274 | 195.653 | ng/ul  | 98  |
| 11) 2-Methylphenol             | 8.09  | 108 | 1807644 | 202.952 | ng/ul  | 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.18  | 45  | 2339448 | 321.055 | ng/ul  | 97  |
| 14) Acetophenone               | 8.46  | 105 | 2735745 | 188.726 | ng/ul  | 98  |
| 15) N-Nitroso-di-n-propylamine | 8.47  | 70  | 1389581 | 202.814 | ng/ul  | 98  |
| 16) 4-Methylphenol             | 8.43  | 108 | 1934298 | 201.144 | ng/ul  | 96  |
| 17) Hexachloroethane           | 8.71  | 117 | 779849  | 173.682 | ng/ul  | 97  |
| 20) Nitrobenzene               | 8.83  | 77  | 2090296 | 178.586 | ng/ul  | 100 |
| 21) Isophorone                 | 9.37  | 82  | 3941197 | 185.680 | ng/ul  | 99  |
| 23) 2-Nitrophenol              | 9.54  | 139 | 1119190 | 178.514 | ng/ul  | 95  |
| 24) 2,4-Dimethylphenol         | 9.61  | 107 | 2117967 | 180.828 | ng/ul  | 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.85  | 93  | 2416180 | 181.477 | ng/ul  | 99  |
| 27) 2,4-Dichlorophenol         | 10.07 | 162 | 1947664 | 167.833 | ng/ul  | 99  |
| 28) Naphthalene                | 10.46 | 128 | 6175567 | 177.294 | ng/ul  | 100 |
| 30) 4-Chloroaniline            | 10.57 | 127 | 1887892 | 172.084 | ng/ul  | 100 |
| 31) Hexachlorobutadiene        | 10.76 | 225 | 1192491 | 123.707 | ng/ul  | 99  |
| 32) Caprolactam                | 11.38 | 113 | 346517  | 113.910 | ng/ul  | 91  |
| 33) 4-Chloro-3-methylphenol    | 11.72 | 107 | 1989481 | 184.765 | ng/ul  | 97  |
| 34) 2-Methylnaphthalene        | 12.08 | 142 | 4422665 | 172.368 | ng/ul  | 98  |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 16 03:11:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 16 03:07:24 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.30 | 142  | 4356153  | 170.236 | ng/ul  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216  | 2321692  | 151.391 | ng/ul  | 99       |
| 38) Hexachlorocyclopentadiene  | 12.45 | 237  | 1712859  | 158.387 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.70 | 196  | 1572020  | 166.538 | ng/ul  | 100      |
| 40) 2,4,5-Trichlorophenol      | 12.77 | 196  | 1677844  | 170.062 | ng/ul  | 98       |
| 41) 1,1'-Biphenyl              | 13.11 | 154  | 5750808  | 179.633 | ng/ul  | 100      |
| 42) 2-Chloronaphthalene        | 13.15 | 162  | 4567303  | 174.729 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.36 | 65   | 1261821  | 228.933 | ng/ul  | 96       |
| 45) Dimethylphthalate          | 13.75 | 163  | 5587387  | 163.618 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 13.86 | 165  | 1261168  | 182.637 | ng/ul  | 95       |
| 48) Acenaphthylene             | 14.00 | 152  | 7130556  | 180.071 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.19 | 138  | 964959   | 185.521 | ng/ul  | 98       |
| 50) Acenaphthene               | 14.35 | 153  | 4824461  | 180.407 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.39 | 184  | 813225   | 193.312 | ng/ul  | 98       |
| 53) 4-Nitrophenol              | 14.52 | 109  | 798131   | 183.721 | ng/ul  | 96       |
| 54) Dibenzofuran               | 14.68 | 168  | 6714008  | 168.427 | ng/ul  | 99       |
| 55) 2,4-Dinitrotoluene         | 14.66 | 165  | 1772125  | 179.816 | ng/ul  | 100      |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.91 | 232  | 1516397  | 157.294 | ng/ul  | 98       |
| 57) Diethylphthalate           | 15.13 | 149  | 5683136  | 168.194 | ng/ul  | 98       |
| 59) Fluorene                   | 15.33 | 166  | 5720087  | 174.110 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204  | 2913537  | 154.025 | ng/ul  | 95       |
| 61) 4-Nitroaniline             | 15.37 | 138  | 1176479  | 182.645 | ng/ul  | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.43 | 198  | 1131893  | 178.007 | ng/ul# | 95       |
| 65) N-Nitrosodiphenylamine     | 15.54 | 169  | 4834962  | 189.917 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.22 | 248  | 1951510  | 170.884 | ng/ul  | 99       |
| 67) Hexachlorobenzene          | 16.34 | 284  | 2325149  | 172.276 | ng/ul  | 99       |
| 68) Atrazine                   | 16.51 | 200  | 1794084  | 164.014 | ng/ul  | 100      |
| 69) Pentachlorophenol          | 16.68 | 266  | 1451143  | 179.685 | ng/ul  | 99       |
| 70) Phenanthrene               | 17.07 | 178  | 8896338  | 179.025 | ng/ul  | 100      |
| 72) Anthracene                 | 17.16 | 178  | 9025757  | 179.091 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 2461526  | 164.481 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 14.60 | 250  | 2666401  | 167.891 | ng/uL  | 100      |
| 75) Carbazole                  | 17.43 | 167  | 7881459  | 187.716 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.00 | 149  | 9747151  | 182.461 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.09 | 202  | 10291957 | 168.710 | ng/ul  | 99       |
| 80) Pvrene                     | 19.45 | 202  | 10475616 | 171.387 | ng/ul  | 97       |
| 81) Butylbenzylphthalate       | 20.36 | 149  | 4481299  | 196.009 | ng/ul  | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.13 | 252  | 3438525  | 159.302 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 21.20 | 228  | 9911678  | 159.352 | ng/ul  | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 6707683  | 185.352 | ng/ul# | 98       |
| 85) Chrysene                   | 21.26 | 228  | 9535979  | 155.724 | ng/ul  | 98       |
| 87) Di-n-octyl phthalate       | 22.02 | 149  | 10866501 | 172.916 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.75 | 252  | 11306285 | 169.078 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 22.80 | 252  | 10751443 | 167.042 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 23.32 | 252  | 10203381 | 170.194 | ng/ul  | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.59 | 276  | 13531285 | 181.297 | ng/ul  | 96       |
| 93) Dibenzo(a,h)anthracene     | 25.60 | 278  | 11452212 | 180.088 | ng/ul  | 98       |
| 94) Benzo(a,h,i)perylene       | 26.26 | 276  | 11179775 | 180.100 | ng/ul  | 99       |

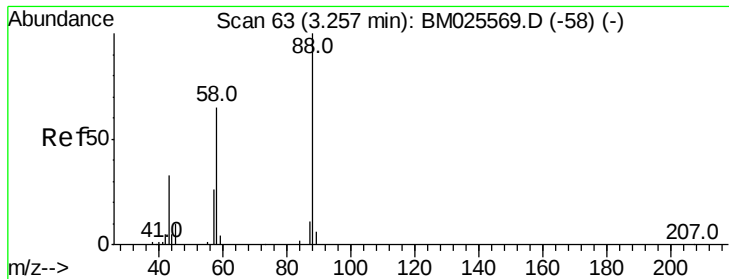
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031420\  
Data File : BM025572.D  
Acq On : 14 Mar 2020 15:18  
Operator : CG/JU  
Sample : SSTD16006  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Mar 16 03:11:49 2020  
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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Mar 16 03:07:24 2020  
Response via : Initial Calibration

| Internal Standards                                                      | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                   |      |      |          |      |       |          |
| (#)= qualifier out of range (m)= manual integration (+)= signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 71.602 ng/uL

RT: 3.25 min Scan# 62

Delta R.T. -0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampled :

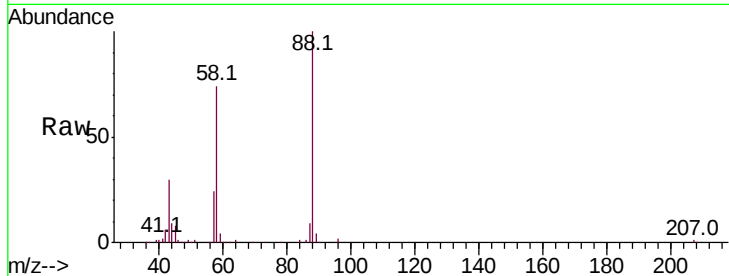
Tot Ion: 88 Resp: 257612

Ion Ratio Lower Upper

88 100

43 29.7 28.6 42.8

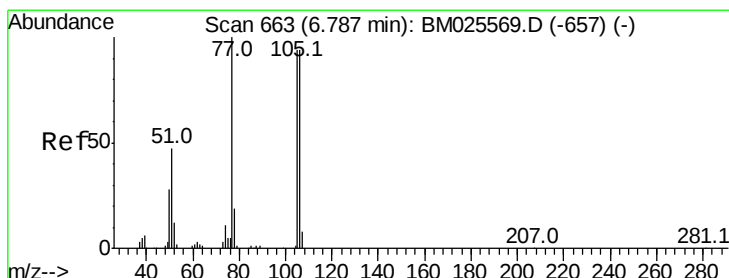
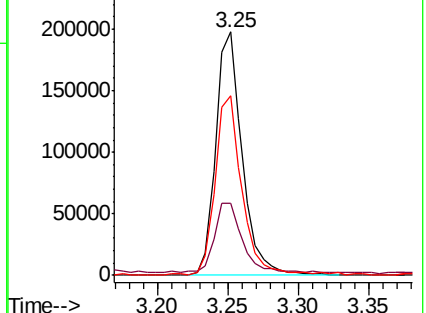
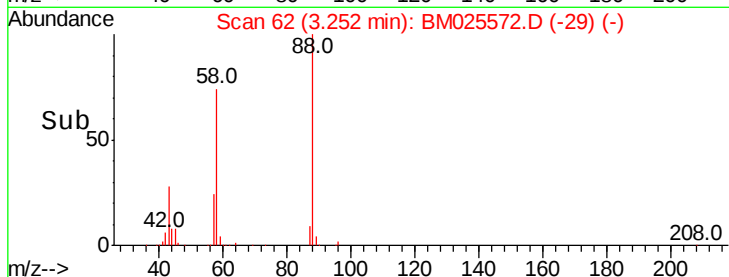
58 73.9 52.1 78.1



Abundance Ion 88.00 (87.70 to 88.70): BM025572.D (-629) (-)

Ion 43.00 (42.70 to 43.70): BM025572.D (-629) (-)

Ion 58.00 (57.70 to 58.70): BM025572.D (-629) (-)



#4

Benzaldehyde

Concen: 115.369 ng/uL

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Tgt Ion: 77 Resp: 827201

Ion Ratio Lower Upper

77 100

105 100.3 75.4 113.0

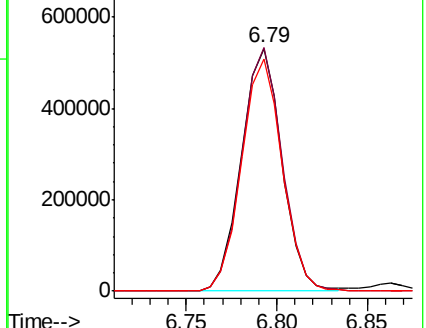
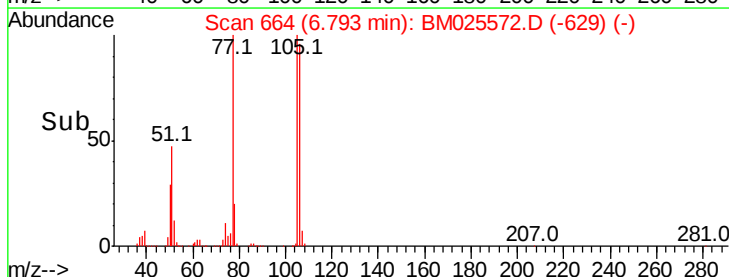
106 95.9 75.4 113.2

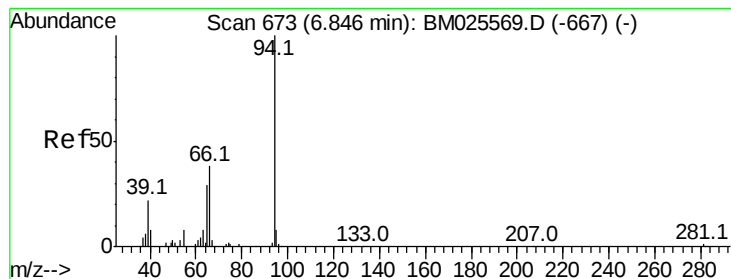


Abundance Ion 77.00 (76.70 to 77.70): BM025572.D (-629) (-)

Ion 105.00 (104.70 to 105.70): BM025572.D (-629) (-)

Ion 106.00 (105.70 to 106.70): BM025572.D (-629) (-)





#6

Phenol

Concen: 203.250 ng/ul

RT: 6.86 min Scan# 676

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

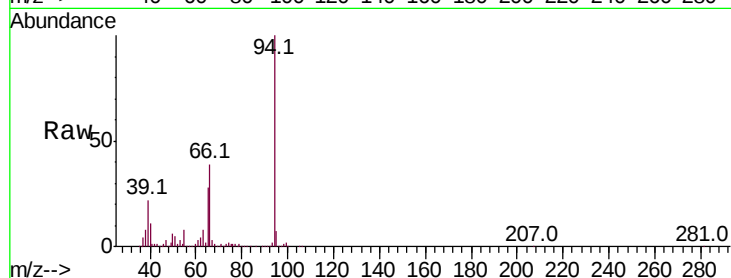
Tot Ion: 94 Resp: 2332268

Ion Ratio Lower Upper

94 100

65 28.2 23.8 35.6

66 38.9 32.4 48.6



Abundance Ion 94.00 (93.70 to 94.70): BM025572.D (-676) (-)

Ion 65.00 (64.70 to 65.70): BM025572.D (-676) (-)

Ion 66.00 (65.70 to 66.70): BM025572.D (-676) (-)

6.86

1500000

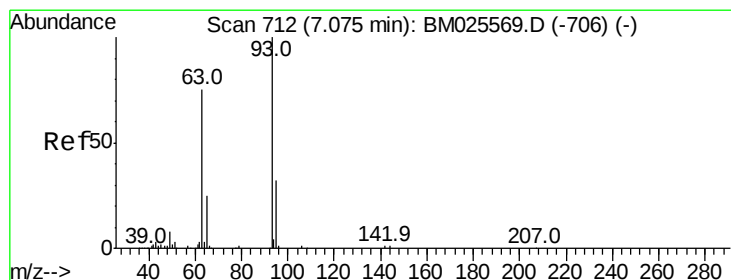
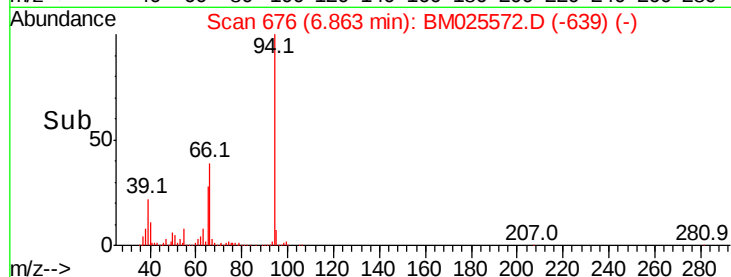
1000000

500000

0

6.75 6.80 6.85 6.90 6.95

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 191.528 ng/ul

RT: 7.08 min Scan# 713

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

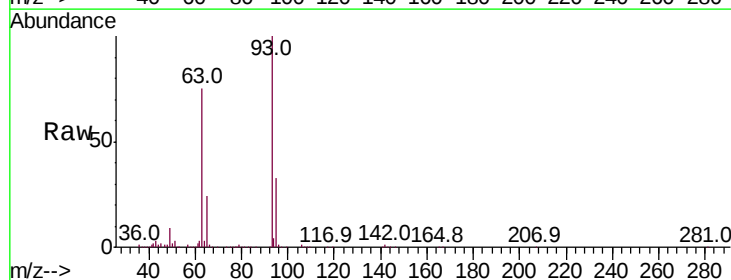
Tgt Ion: 93 Resp: 1774660

Ion Ratio Lower Upper

93 100

63 74.8 59.8 89.6

95 33.2 25.4 38.2



Abundance Ion 93.00 (92.70 to 93.70): BM025572.D (-713) (-)

Ion 63.00 (62.70 to 63.70): BM025572.D (-713) (-)

Ion 95.00 (94.70 to 95.70): BM025572.D (-713) (-)

7.08

1500000

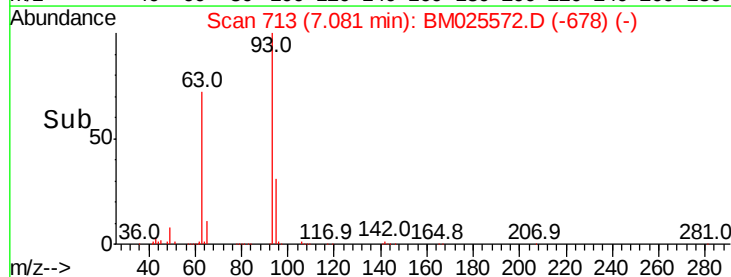
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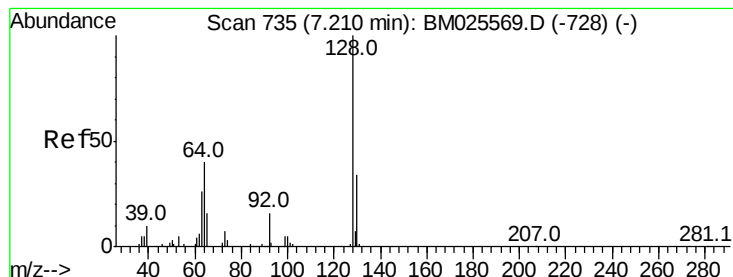
500000

0

7.00 7.05 7.10 7.15

Time-->





#10

2-Chlorophenol

Concen: 195.653 ng/ul

RT: 7.22 min Scan# 736

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

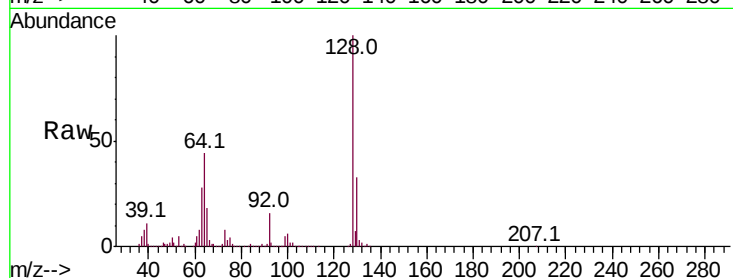
Tot Ion:128 Resp: 1948274

Ion Ratio Lower Upper

128 100

64 44.0 34.6 51.8

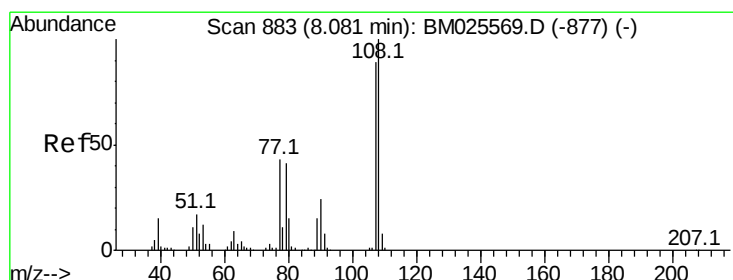
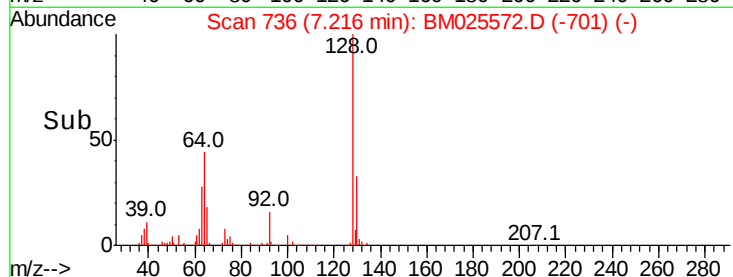
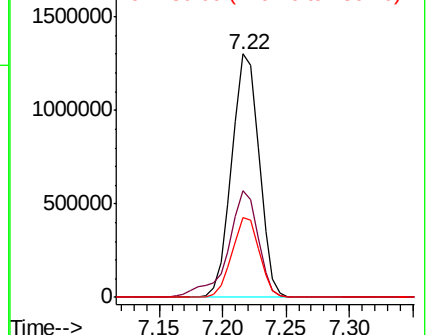
130 32.6 27.1 40.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 202.952 ng/ul

RT: 8.09 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM025572.D

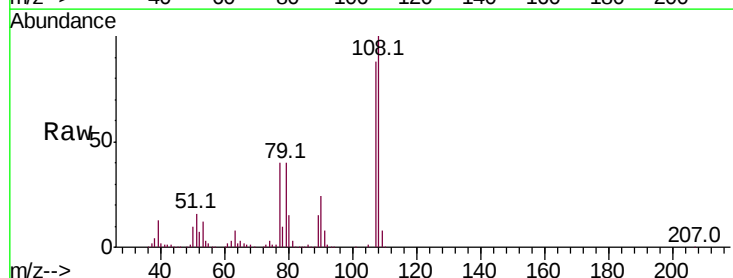
Acq: 14 Mar 2020 15:18

Tgt Ion:108 Resp: 1807644

Ion Ratio Lower Upper

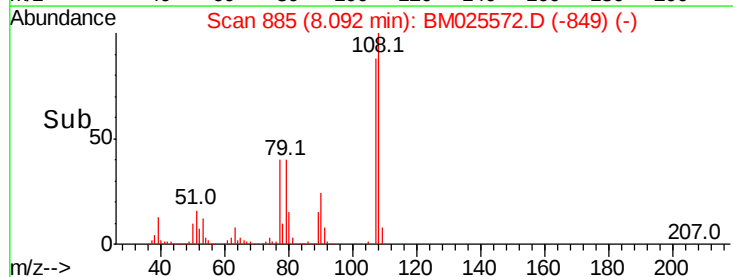
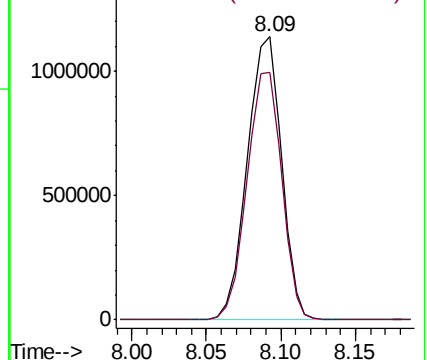
108 100

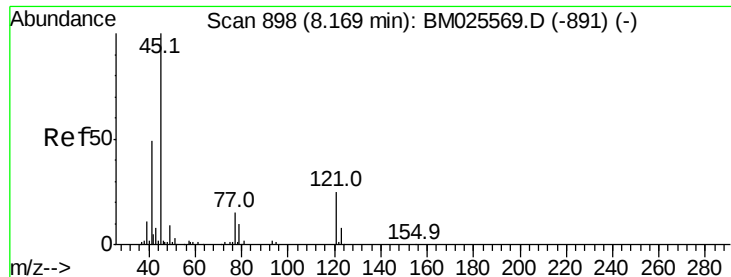
107 87.6 71.4 107.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

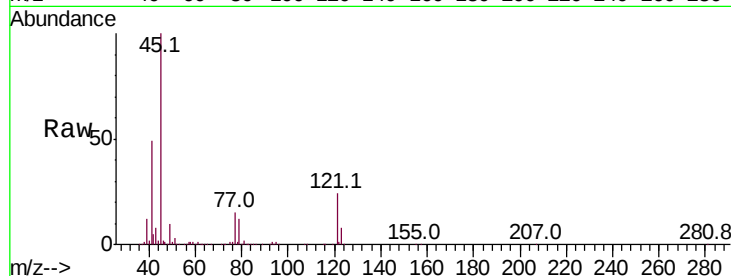




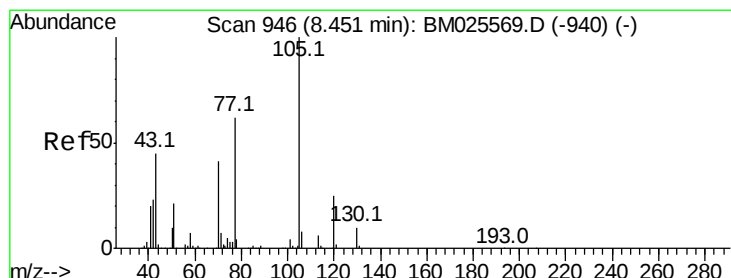
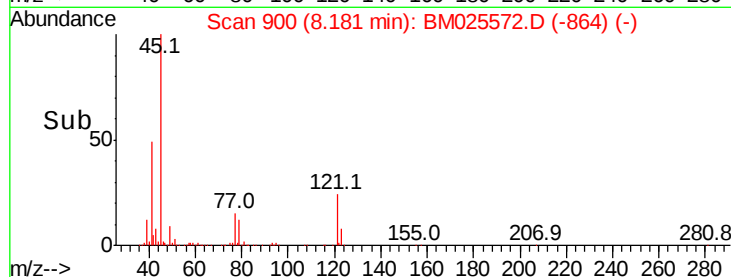
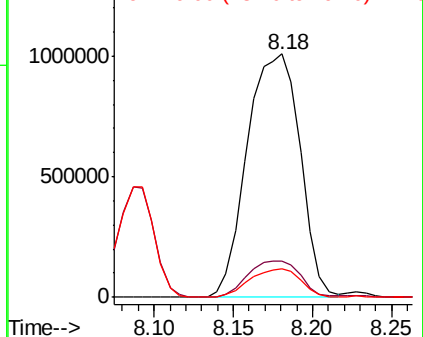
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 321.055 ng/ul  
RT: 8.18 min Scan# 900  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion: 45 Resp: 2339448  
Ion Ratio Lower Upper  
45 100  
77 15.0 12.6 18.8  
79 11.9 8.1 12.1

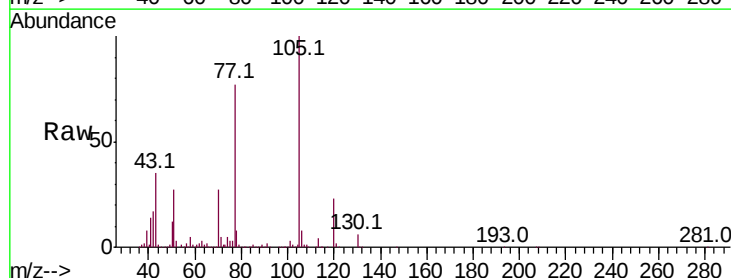


Abundance Ion 45.00 (44.70 to 45.70): BM0  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

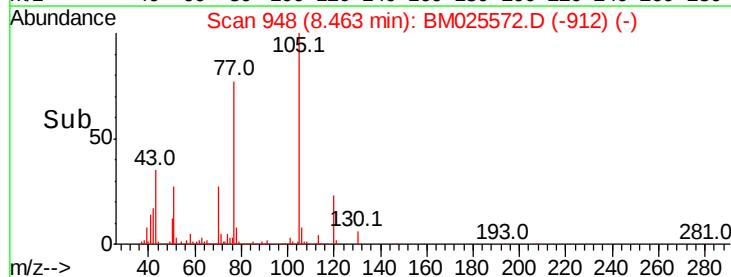
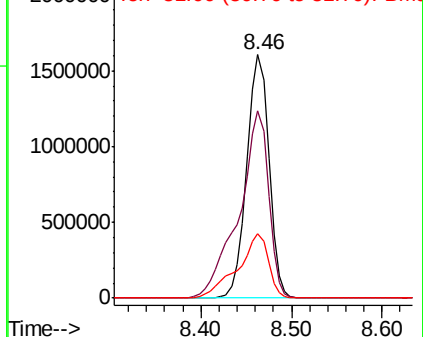


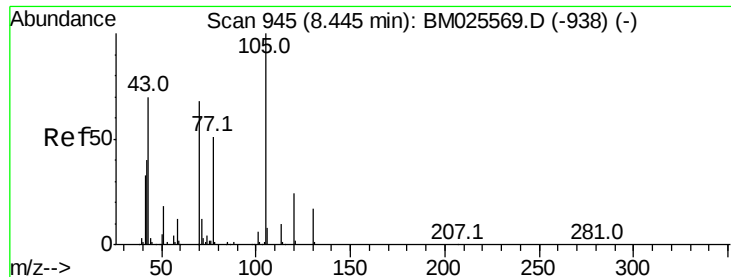
#14  
Acetophenone  
Concen: 188.726 ng/ul  
RT: 8.46 min Scan# 948  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:105 Resp: 2735745  
Ion Ratio Lower Upper  
105 100  
77 76.7 63.2 94.8  
51 26.7 21.8 32.6



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





#15

N-Nitroso-di-n-propylamine

Concen: 202.814 ng/ul

RT: 8.47 min Scan# 950

Delta R.T. 0.03 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 1389581

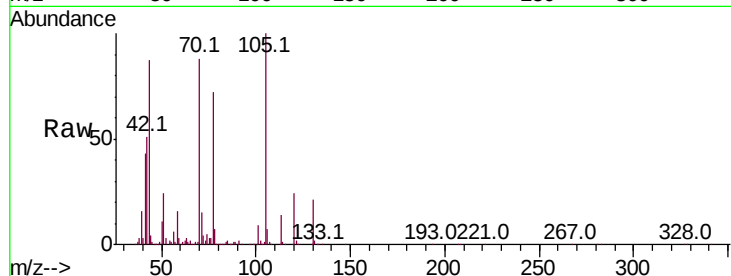
Ion Ratio Lower Upper

70 100

42 58.2 48.2 72.2

101 10.5 7.6 11.4

130 24.4 19.8 29.6

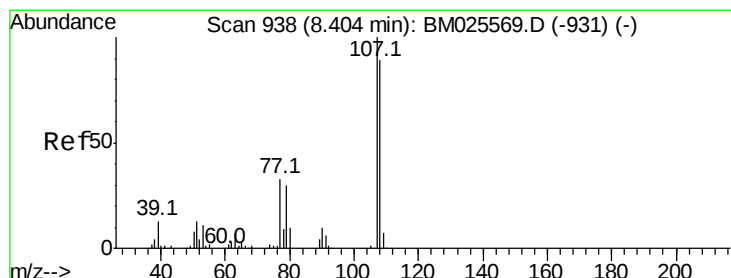
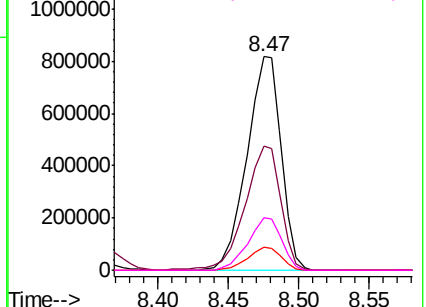
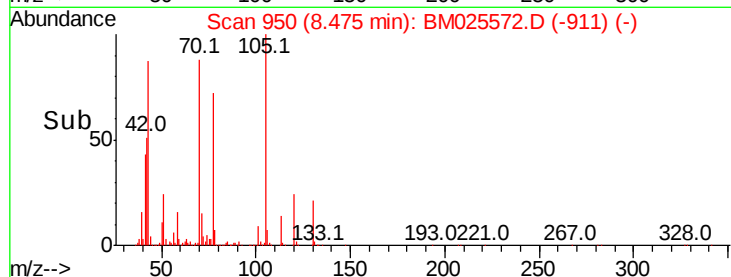


Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 201.144 ng/ul

RT: 8.43 min Scan# 943

Delta R.T. 0.03 min

Lab File: BM025572.D

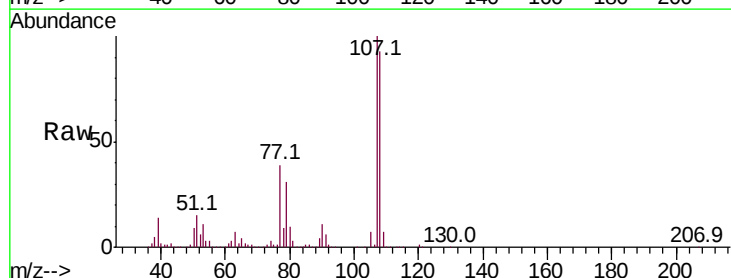
Acq: 14 Mar 2020 15:18

Tgt Ion: 108 Resp: 1934298

Ion Ratio Lower Upper

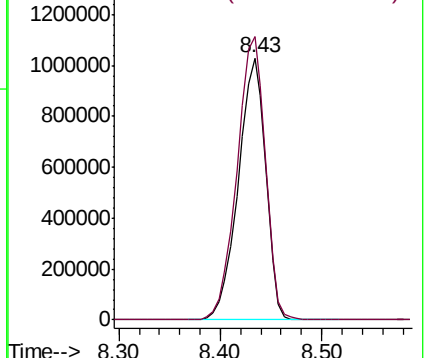
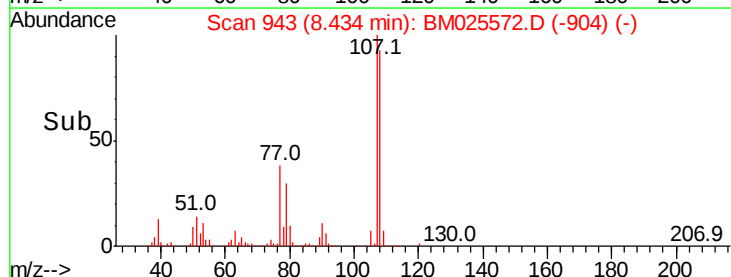
108 100

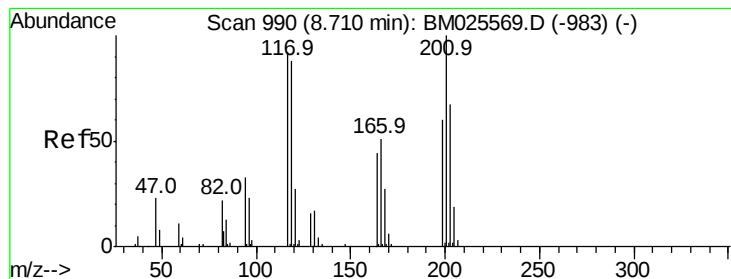
107 108.1 90.0 135.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 173.682 ng/ul

RT: 8.71 min Scan# 990

Delta R.T. 0.00 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

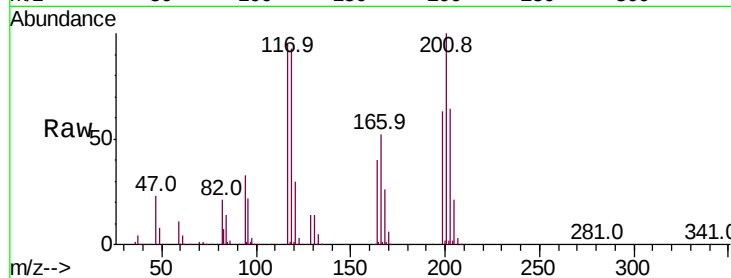
Tot Ion:117 Resp: 779849

Ion Ratio Lower Upper

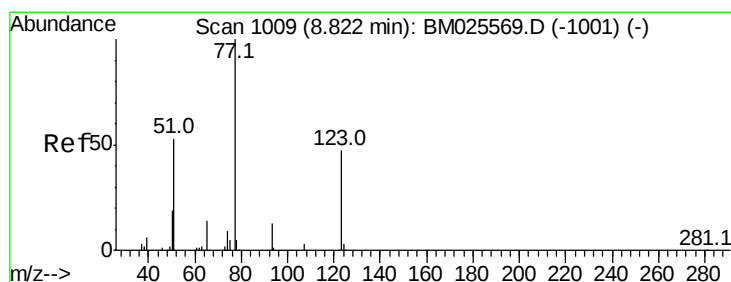
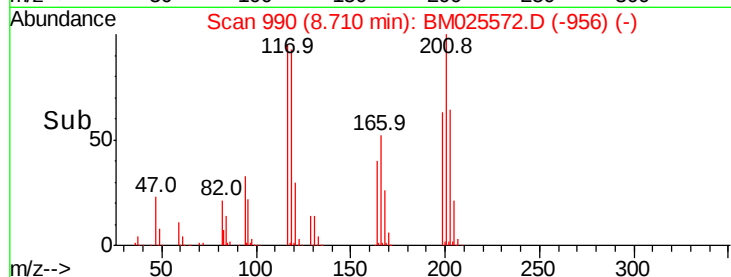
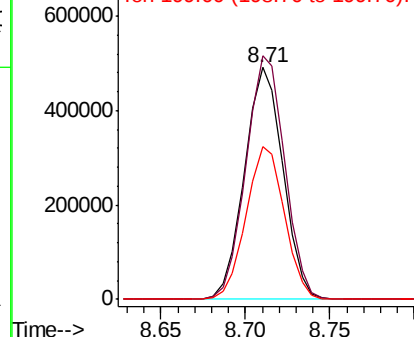
117 100

201 105.2 87.0 130.6

199 65.9 52.1 78.1



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 178.586 ng/ul

RT: 8.83 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

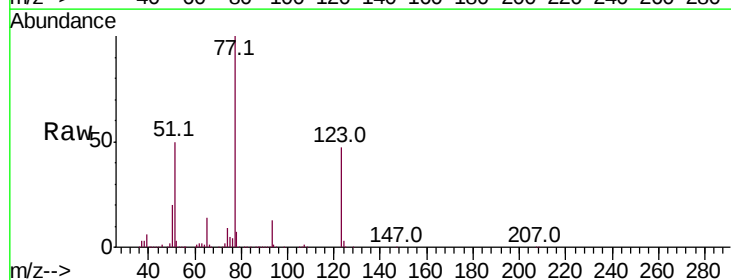
Tgt Ion: 77 Resp: 2090296

Ion Ratio Lower Upper

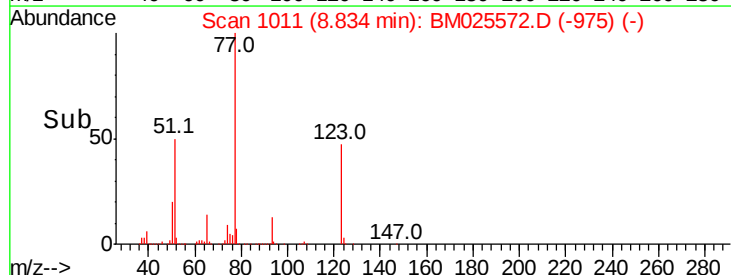
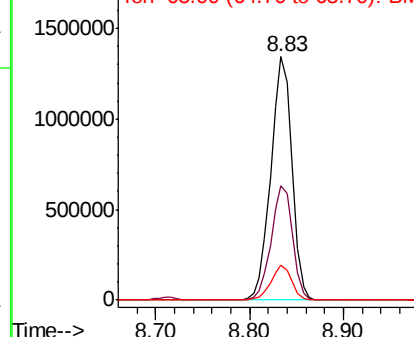
77 100

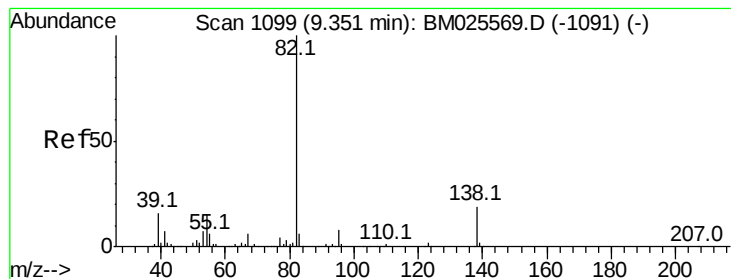
123 47.2 37.7 56.5

65 14.2 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 185.680 ng/ul

RT: 9.37 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

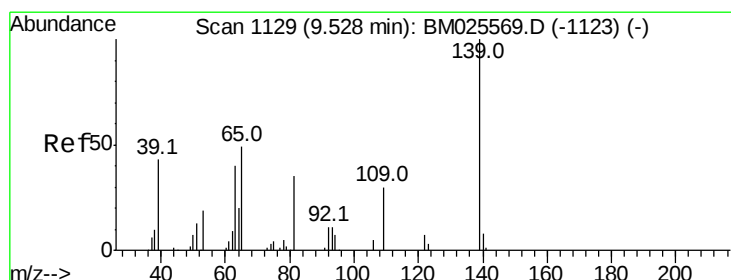
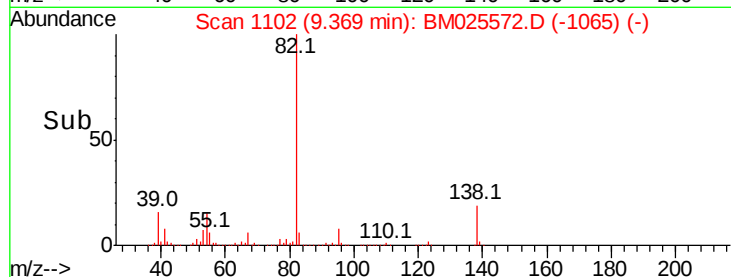
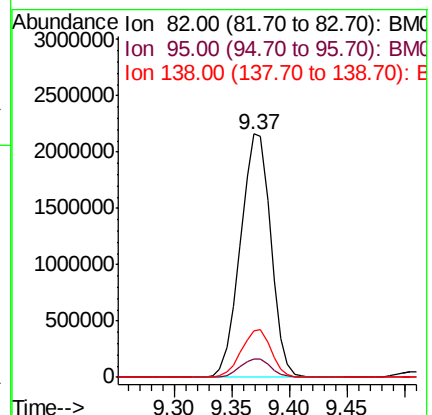
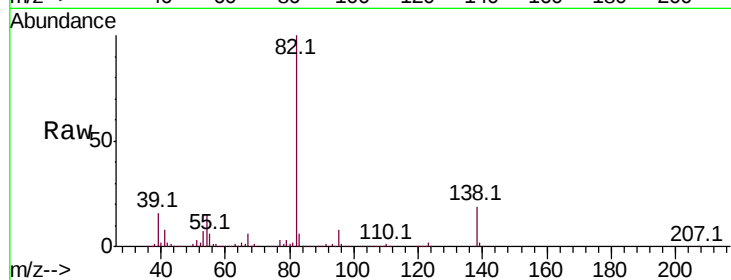
Instrument :

BNA\_M

ClientSampled :

Tot Ion: 82 Resp: 3941197

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.5   | 6.4   | 9.6   |
| 138 | 19.1  | 15.2  | 22.8  |



#23

2-Nitrophenol

Concen: 178.514 ng/ul

RT: 9.54 min Scan# 1131

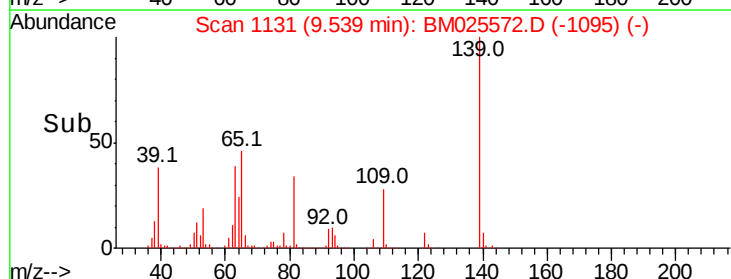
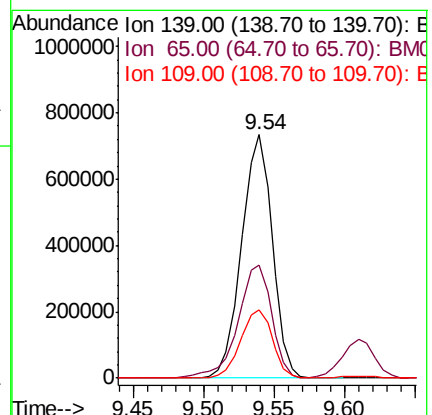
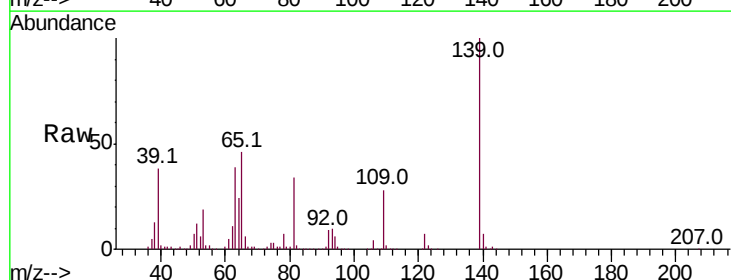
Delta R.T. 0.01 min

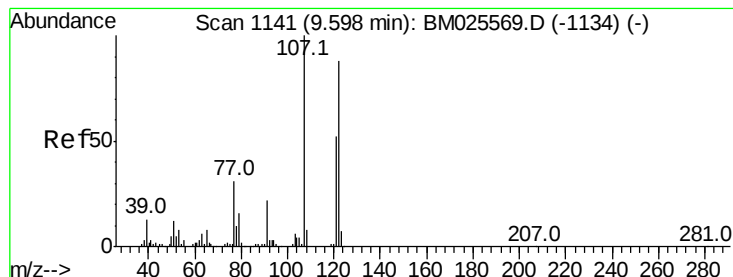
Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Tgt Ion: 139 Resp: 1119190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 65  | 46.2  | 40.6  | 61.0  |
| 109 | 28.2  | 23.8  | 35.8  |





#24

2,4-Dimethylphenol

Concen: 180.828 ng/ul

RT: 9.61 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

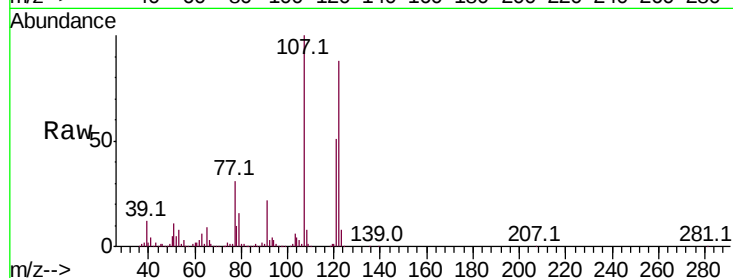
Tot Ion:107 Resp: 2117967

Ion Ratio Lower Upper

107 100

121 51.2 41.9 62.9

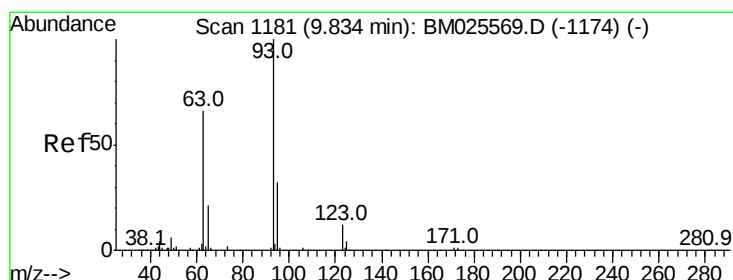
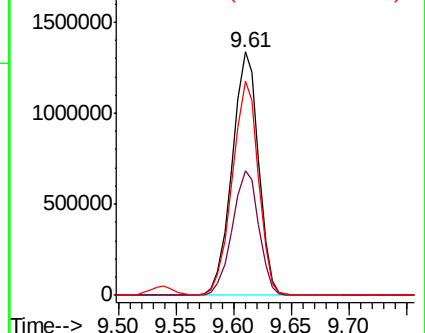
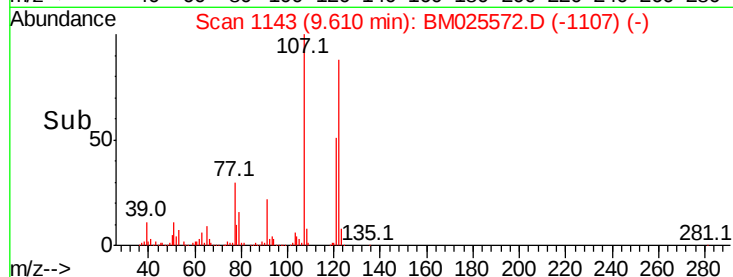
122 87.8 70.1 105.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 181.477 ng/ul

RT: 9.85 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

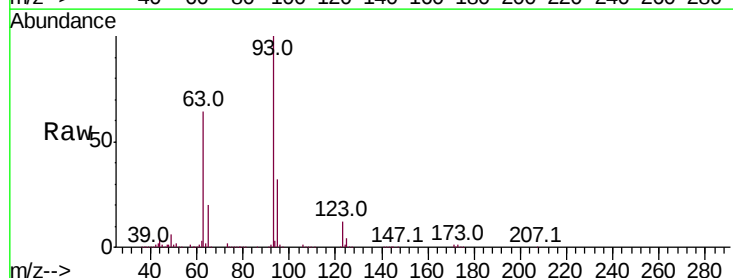
Tgt Ion: 93 Resp: 2416180

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

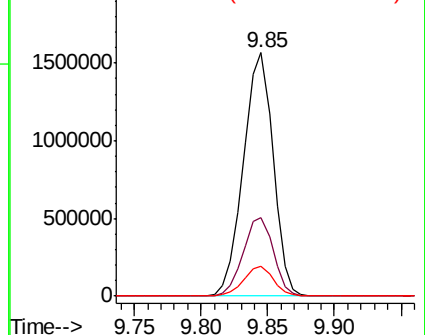
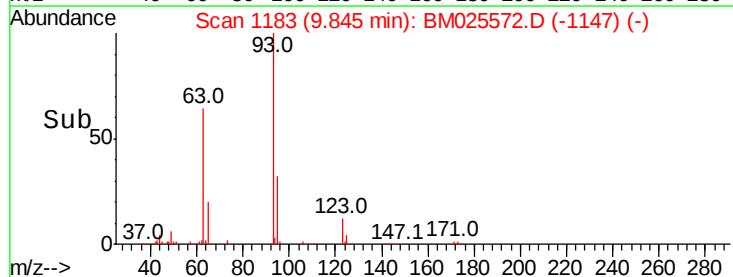
123 12.0 9.2 13.8

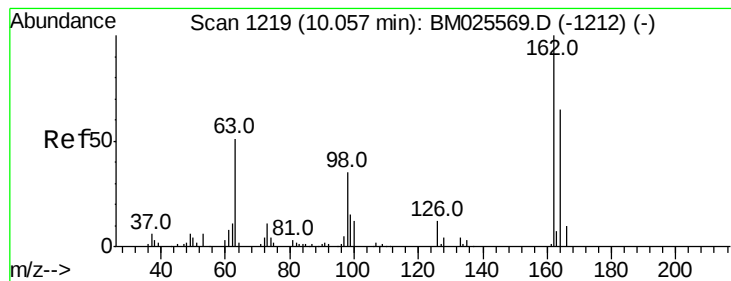


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 167.833 ng/ul

RT: 10.07 min Scan# 1222

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

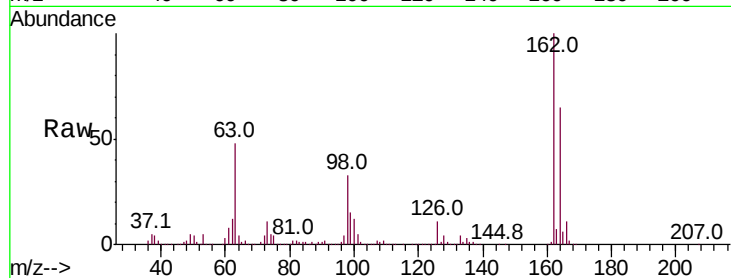
Tot Ion:162 Resp: 1947664

Ion Ratio Lower Upper

162 100

164 65.2 52.6 79.0

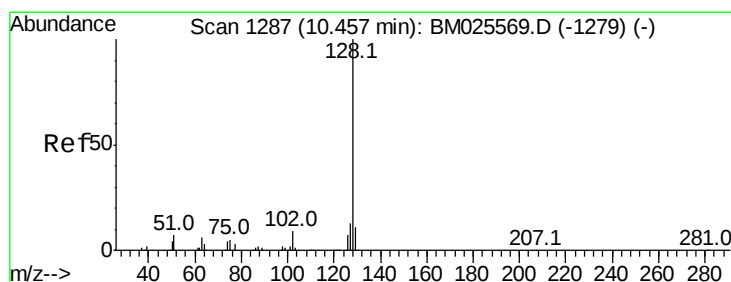
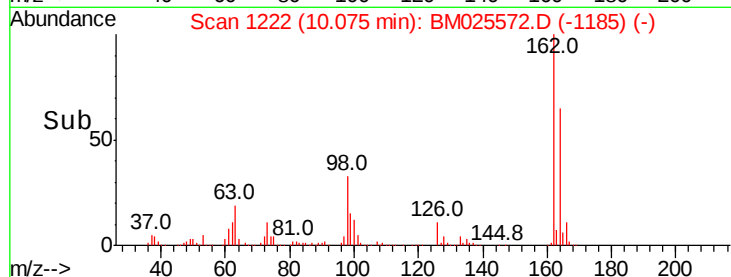
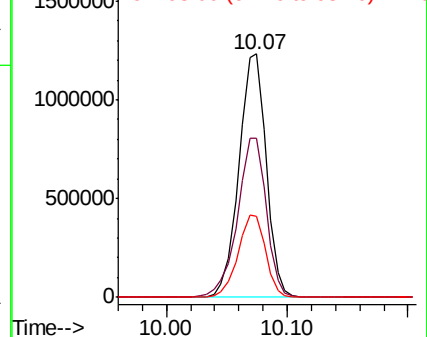
98 33.4 27.8 41.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 177.294 ng/ul

RT: 10.46 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

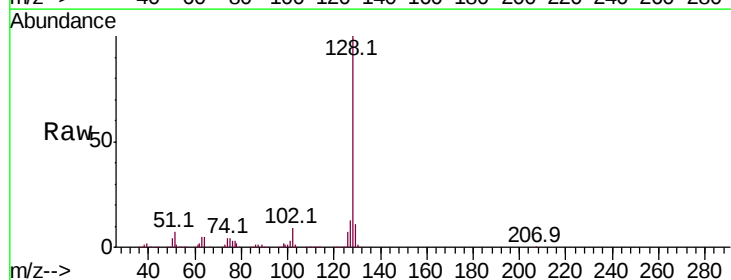
Tgt Ion:128 Resp: 6175567

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

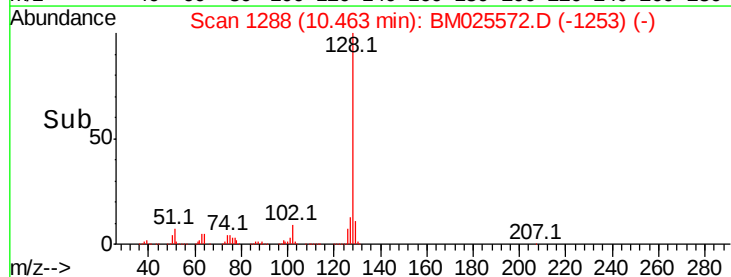
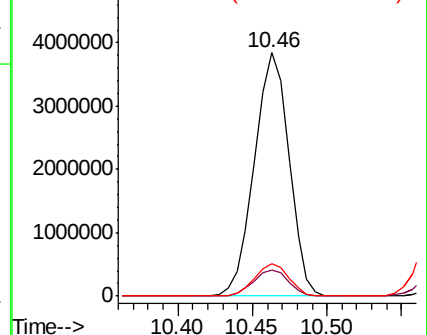
127 13.2 10.6 15.8

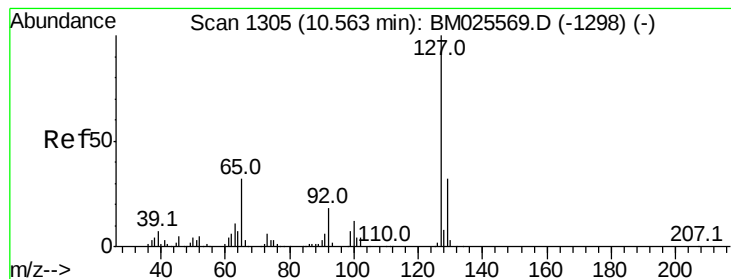


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 172.084 ng/ul

RT: 10.57 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

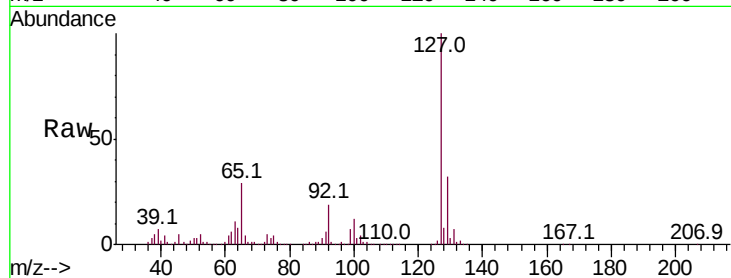
ClientSampleId :

Tot Ion:127 Resp: 1887892

Ion Ratio Lower Upper

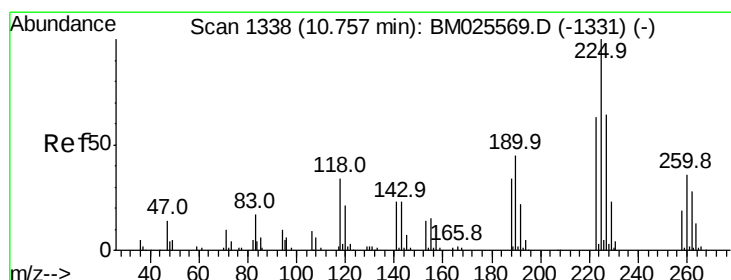
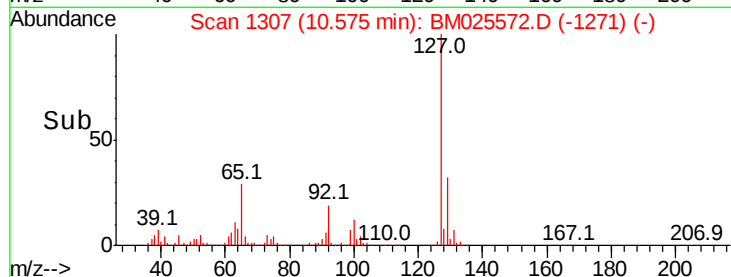
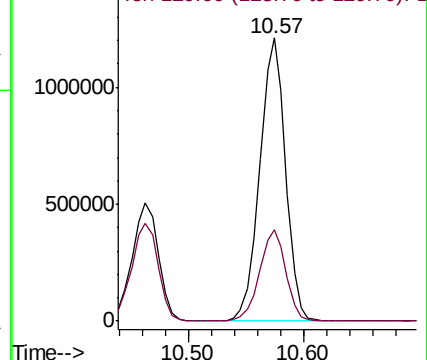
127 100

129 32.2 25.7 38.5



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 123.707 ng/ul

RT: 10.76 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

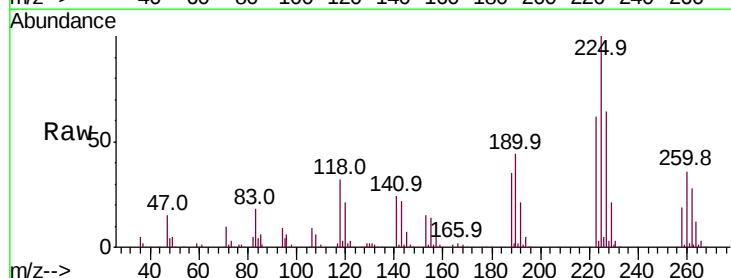
Tgt Ion:225 Resp: 1192491

Ion Ratio Lower Upper

225 100

223 62.0 50.2 75.2

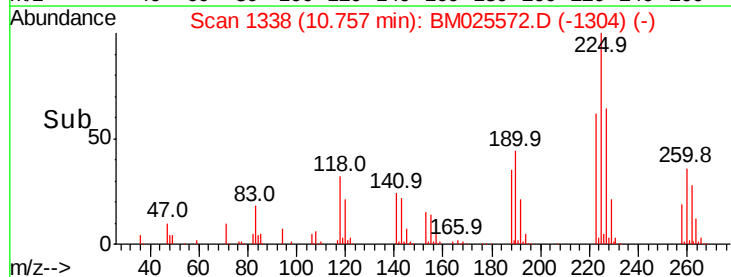
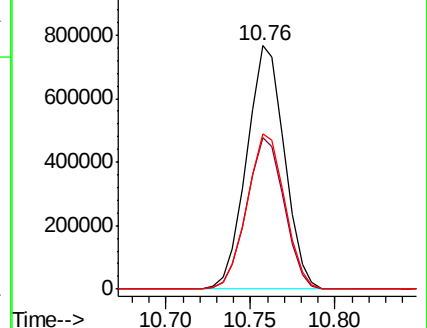
227 64.0 51.0 76.6

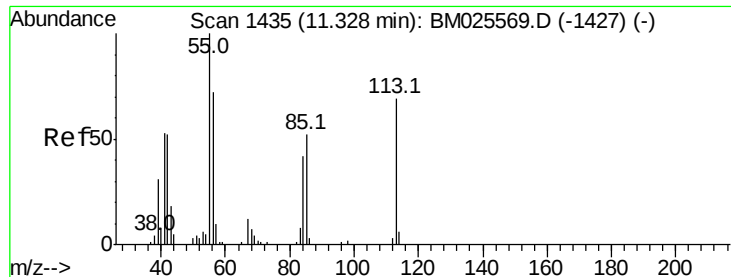


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 113.910 ng/ul

RT: 11.38 min Scan# 1444

Delta R.T. 0.05 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

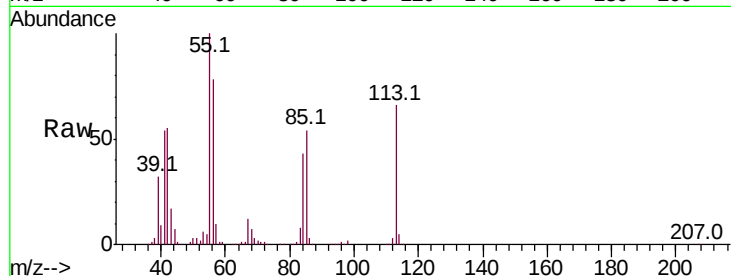
Tot Ion:113 Resp: 346517

Ion Ratio Lower Upper

113 100

55 151.2 115.4 173.0

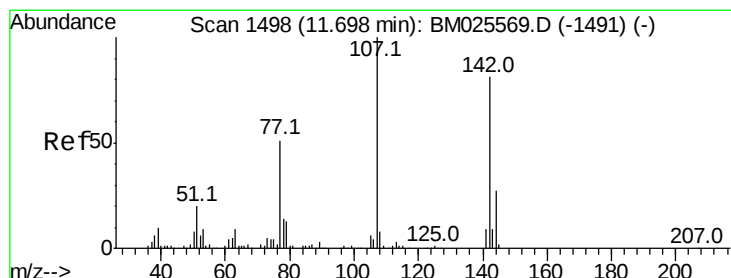
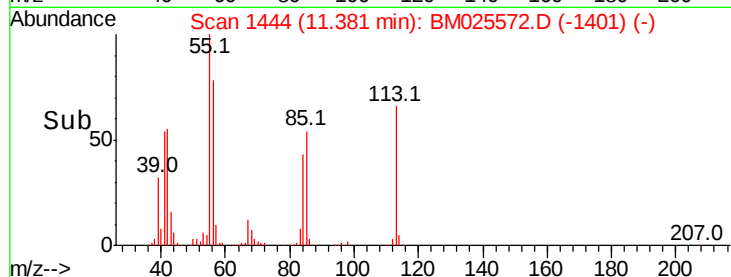
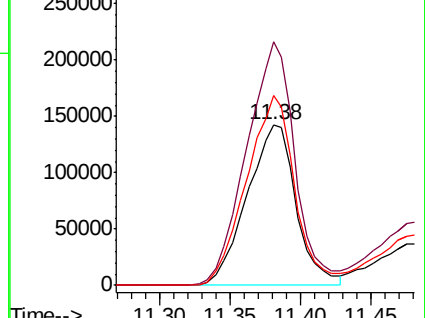
56 118.2 83.4 125.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 184.765 ng/ul

RT: 11.72 min Scan# 1502

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

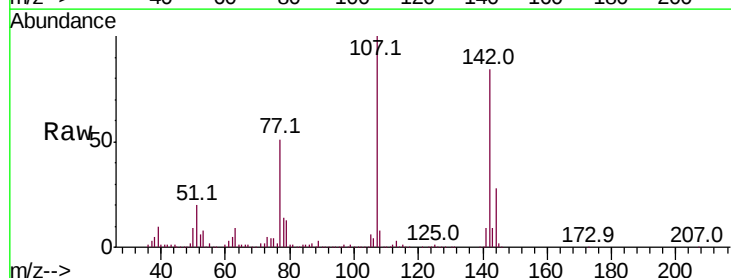
Tgt Ion:107 Resp: 1989481

Ion Ratio Lower Upper

107 100

144 27.6 21.7 32.5

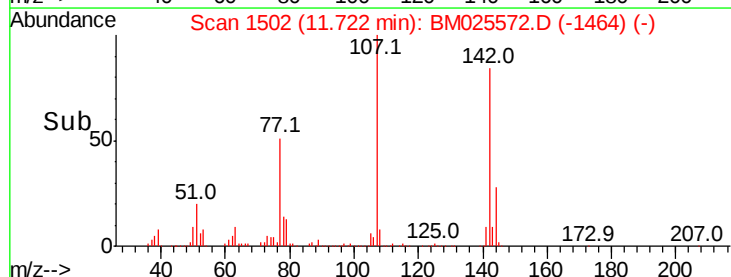
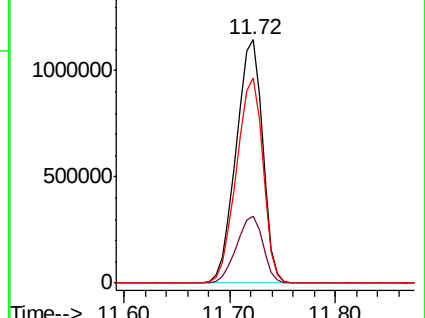
142 84.3 65.0 97.6

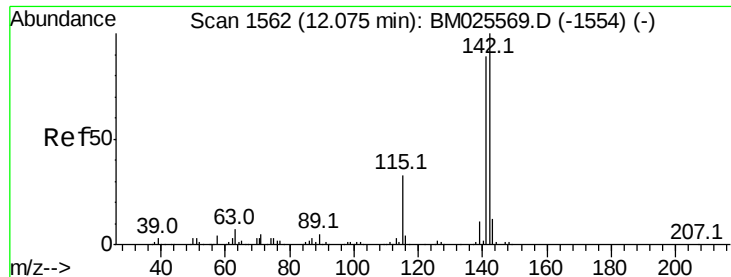


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

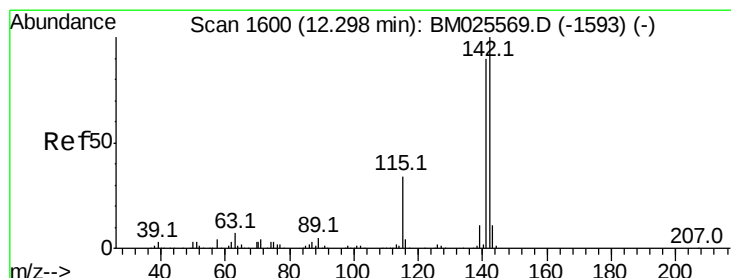
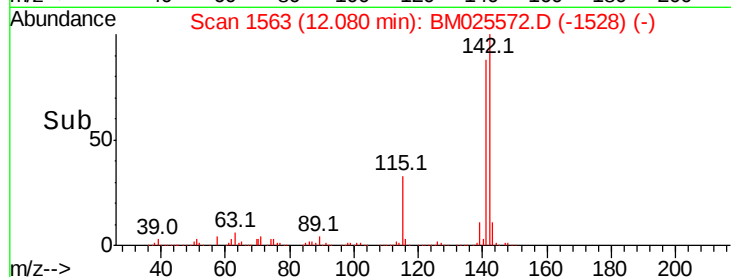
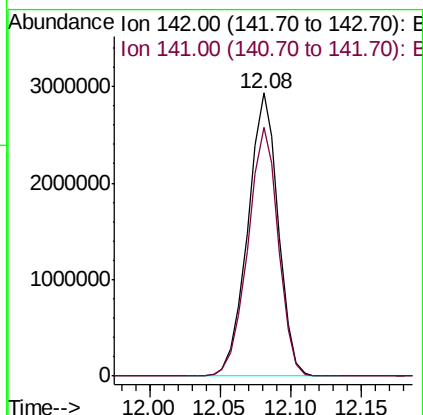
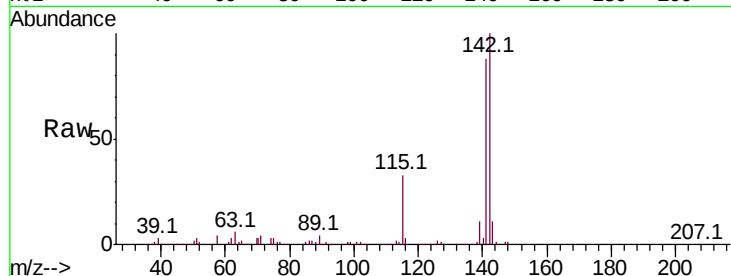




#34  
2-Methylnaphthalene  
Concen: 172.368 ng/ul  
RT: 12.08 min Scan# 1563  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

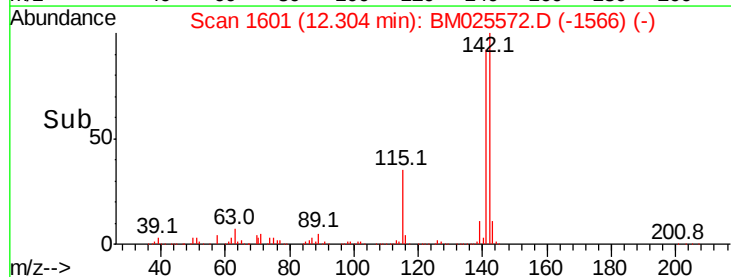
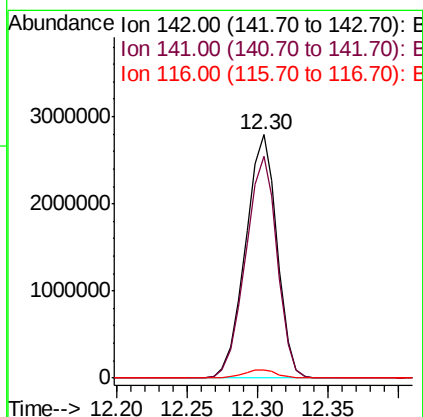
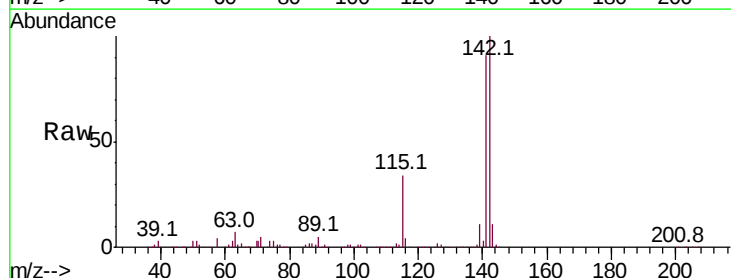
Instrument :  
BNA\_M  
ClientSampleId :

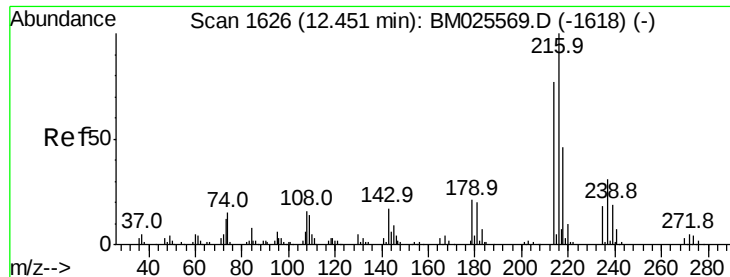
Tot Ion:142 Resp: 4422665  
Ion Ratio Lower Upper  
142 100  
141 87.9 71.5 107.3



#35  
1-Methylnaphthalene  
Concen: 170.236 ng/ul  
RT: 12.30 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:142 Resp: 4356153  
Ion Ratio Lower Upper  
142 100  
141 91.0 72.3 108.5  
116 3.6 2.9 4.3





#37

1,2,4,5-Tetrachlorobenzene

Concen: 151.391 ng/ul

RT: 12.46 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampled :

Tot Ion:216 Resp: 2321692

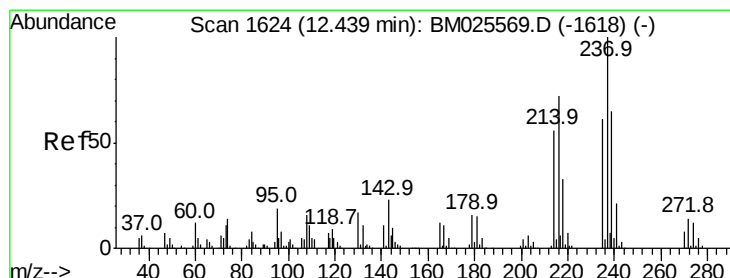
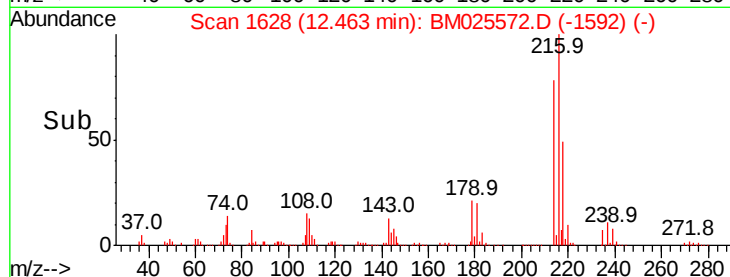
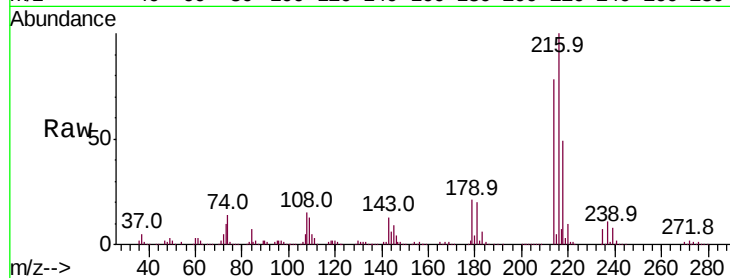
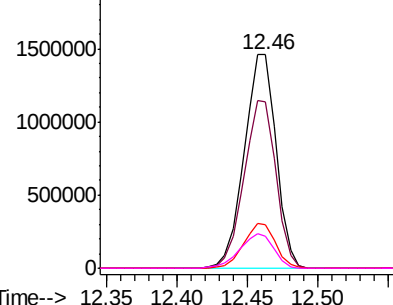
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.8  | 61.9  | 92.9  |
| 179 | 20.5  | 16.6  | 24.8  |
| 108 | 15.2  | 13.0  | 19.6  |

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38

Hexachlorocyclopentadiene

Concen: 158.387 ng/ul

RT: 12.45 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

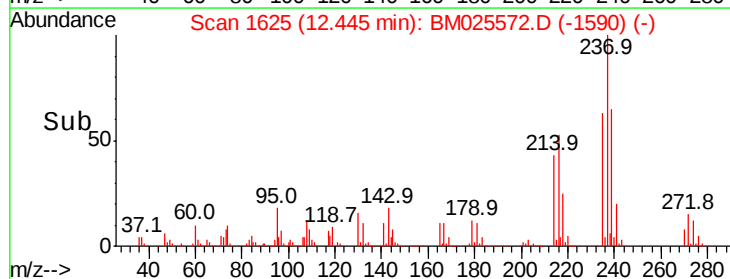
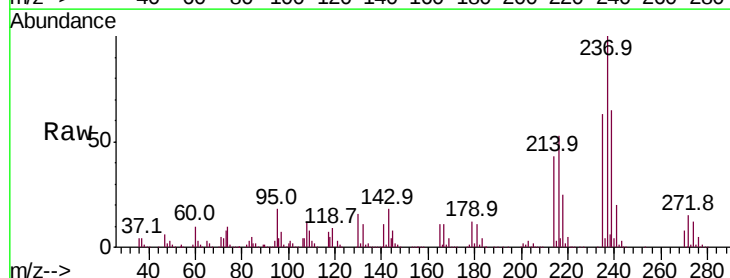
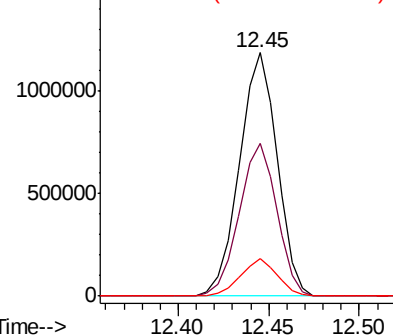
Tgt Ion:237 Resp: 1712859

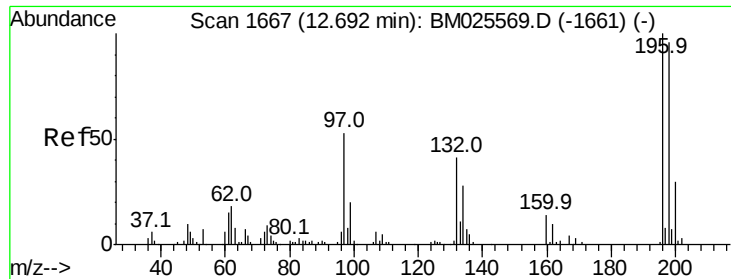
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 62.8  | 49.0  | 73.4  |
| 272 | 15.2  | 11.4  | 17.0  |

Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

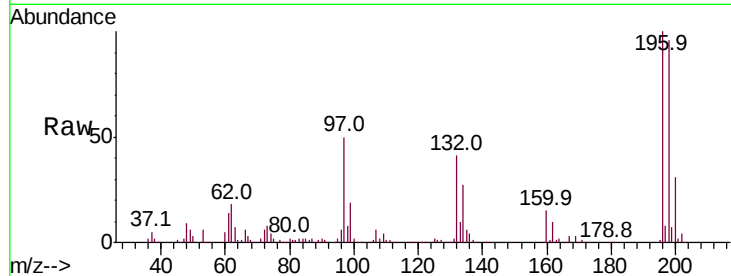




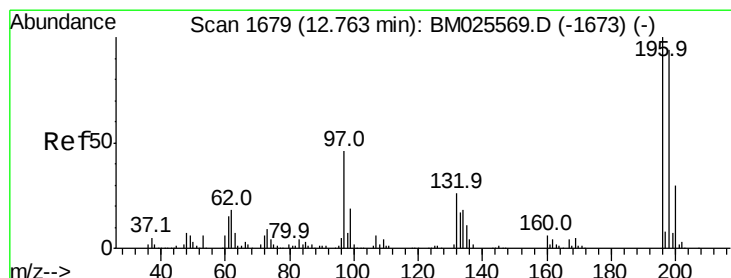
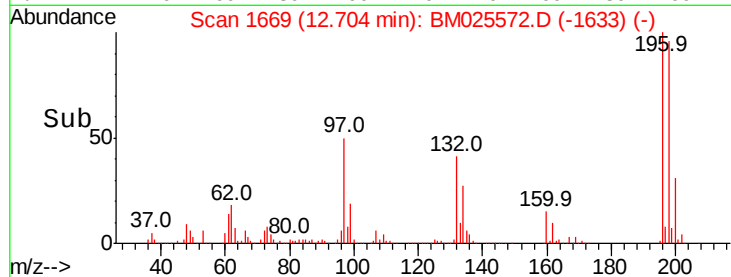
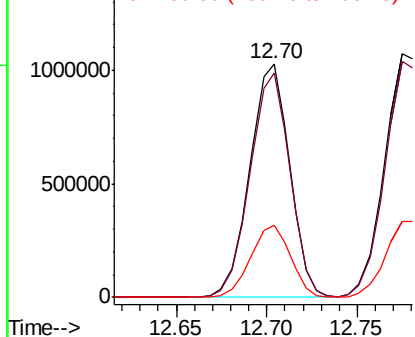
#39  
 2,4,6-Trichlorophenol  
 Concen: 166.538 ng/ul  
 RT: 12.70 min Scan# 1669  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:196 Resp: 1572020  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.6 115.0  
 200 30.7 24.2 36.4

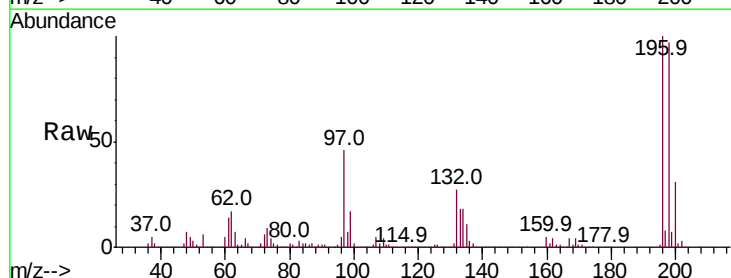


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

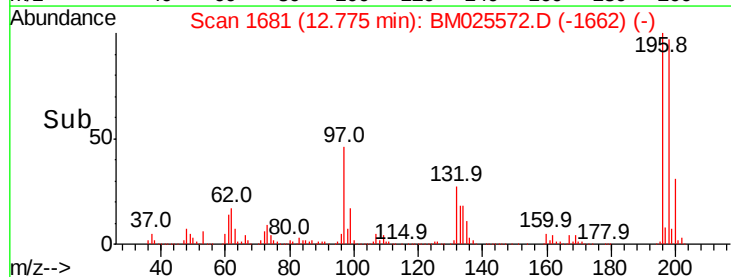
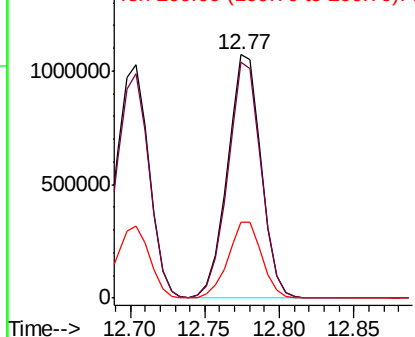


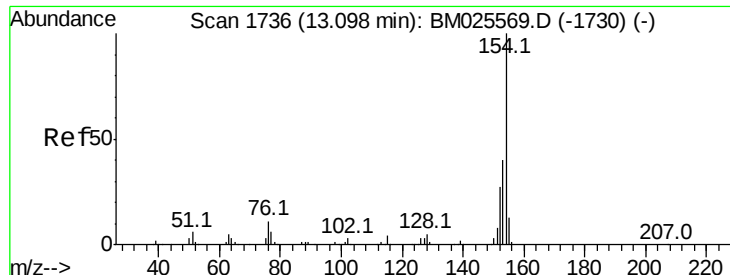
#40  
 2,4,5-Trichlorophenol  
 Concen: 170.062 ng/ul  
 RT: 12.77 min Scan# 1681  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

Tgt Ion:196 Resp: 1677844  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 75.7 113.5  
 200 31.1 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





#41

1,1'-Biphenyl

Concen: 179.633 ng/ul

RT: 13.11 min Scan# 1738

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampled :

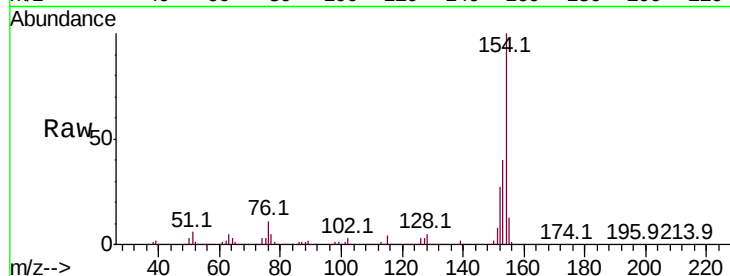
Tot Ion:154 Resp: 5750808

Ion Ratio Lower Upper

154 100

153 40.5 32.2 48.2

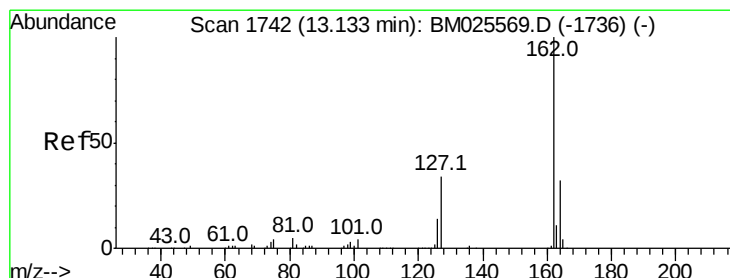
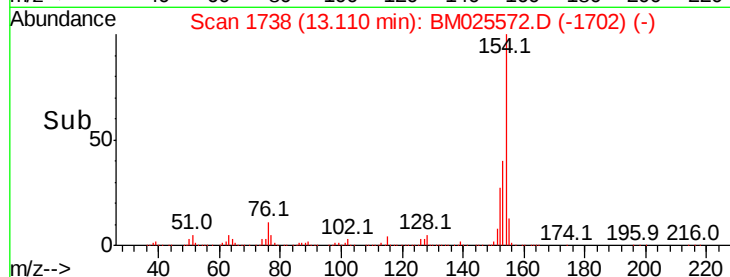
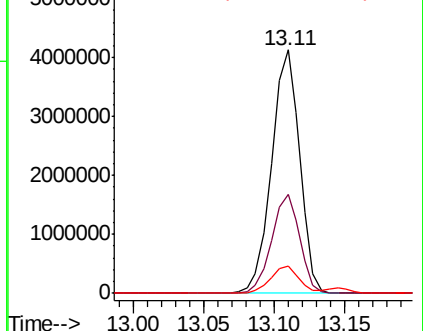
76 11.0 9.0 13.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42

2-Chloronaphthalene

Concen: 174.729 ng/ul

RT: 13.15 min Scan# 1744

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

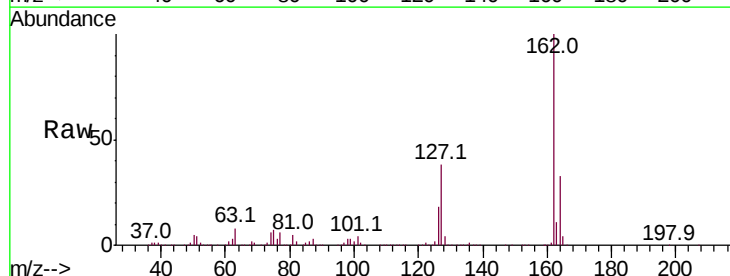
Tgt Ion:162 Resp: 4567303

Ion Ratio Lower Upper

162 100

164 32.9 25.9 38.9

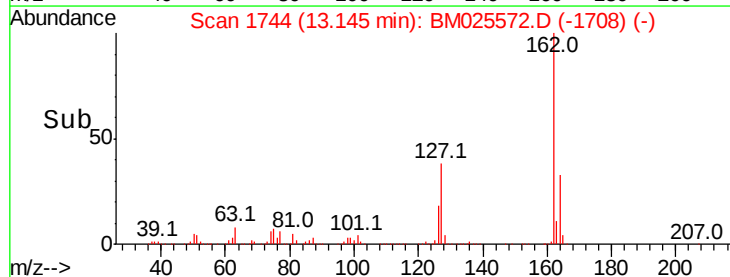
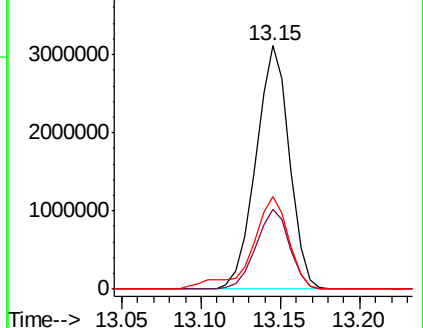
127 38.0 30.2 45.4

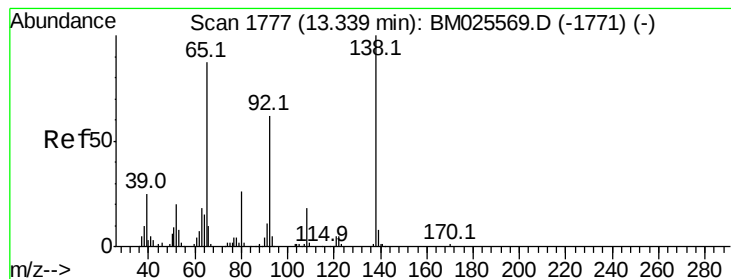


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 228.933 ng/ul

RT: 13.36 min Scan# 1780

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

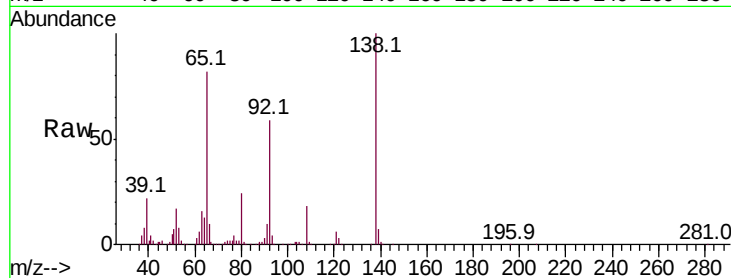
Tot Ion: 65 Resp: 1261821

Ion Ratio Lower Upper

65 100

92 71.5 57.0 85.4

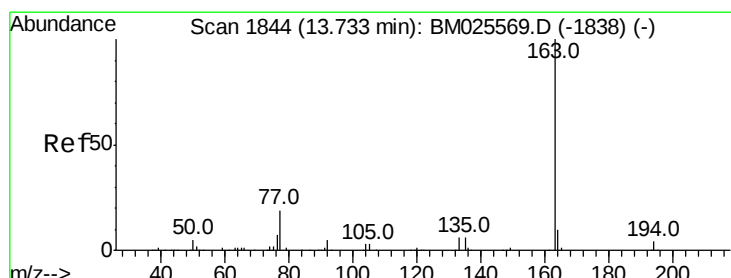
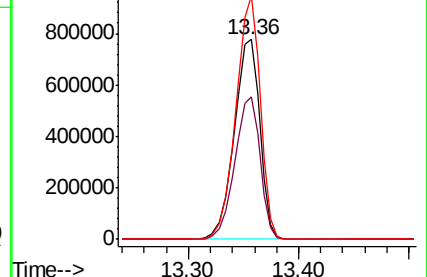
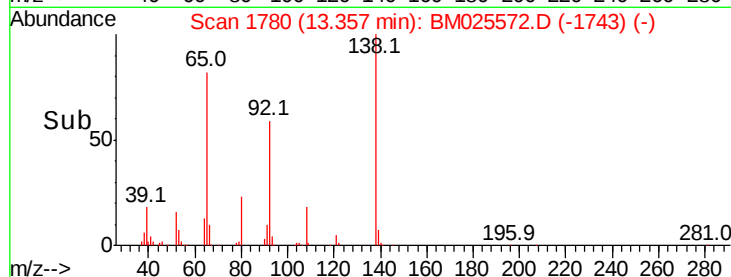
138 121.9 92.1 138.1



Abundance Ion 65.00 (64.70 to 65.70): BM025572.D (-1743) (-)

Ion 92.00 (91.70 to 92.70): BM025572.D (-1743) (-)

Ion 138.00 (137.70 to 138.70): BM025572.D (-1743) (-)



#45

Dimethylphthalate

Concen: 163.618 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

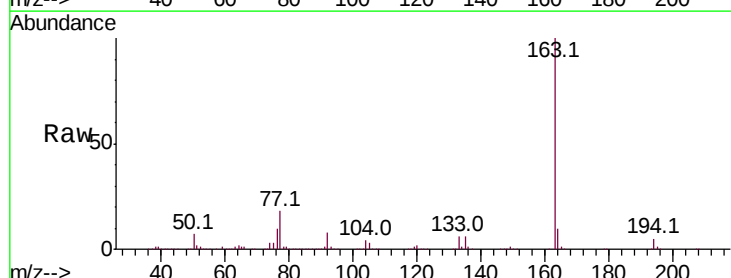
Tgt Ion:163 Resp: 5587387

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

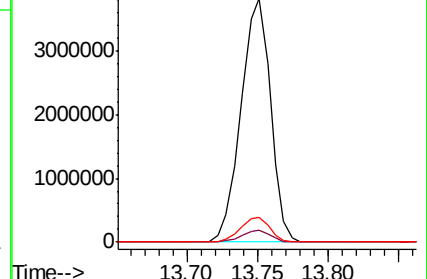
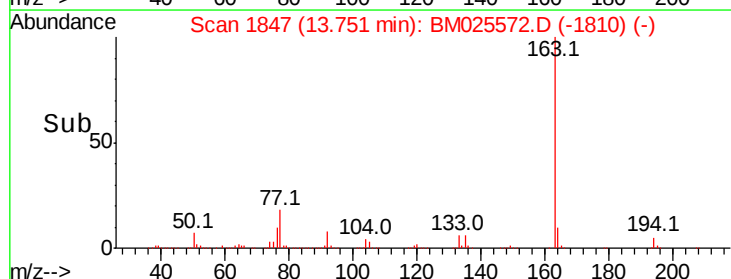
164 10.0 8.2 12.4

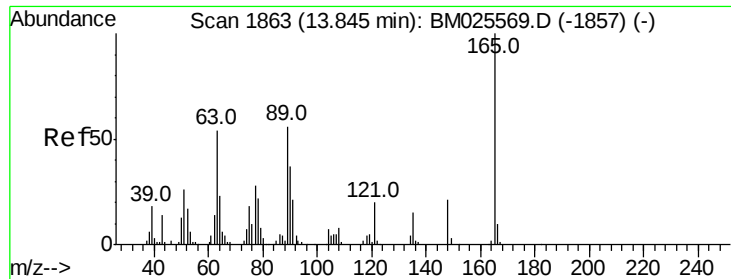


Abundance Ion 163.00 (162.70 to 163.70): BM025572.D (-1810) (-)

Ion 194.00 (193.70 to 194.70): BM025572.D (-1810) (-)

Ion 164.00 (163.70 to 164.70): BM025572.D (-1810) (-)

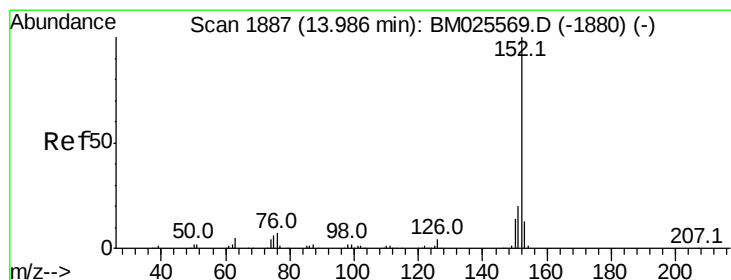
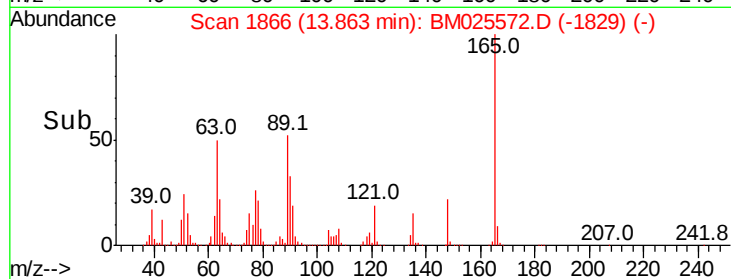
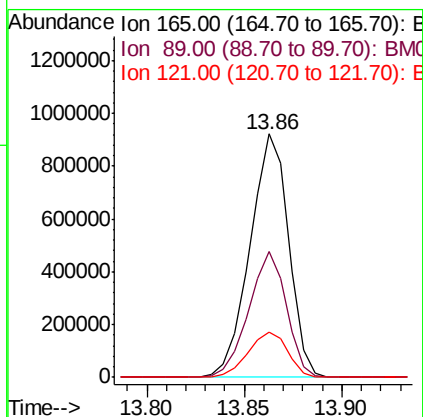
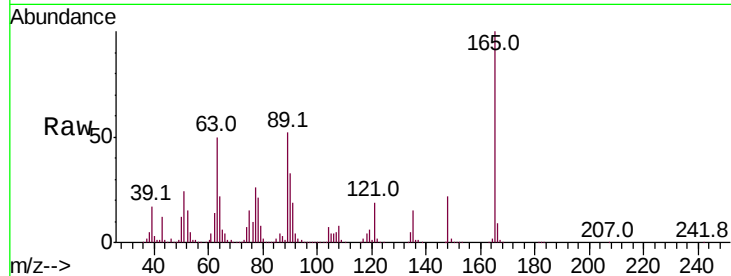




#46  
2,6-Dinitrotoluene  
Concen: 182.637 ng/ul  
RT: 13.86 min Scan# 1866  
Delta R.T. 0.02 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

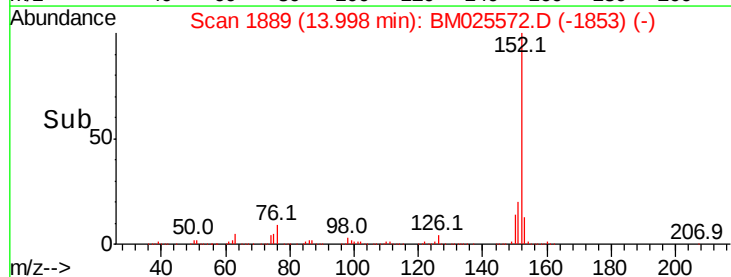
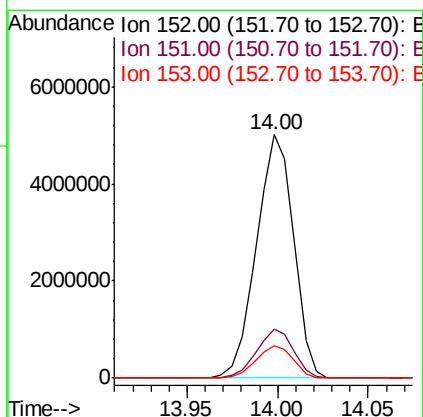
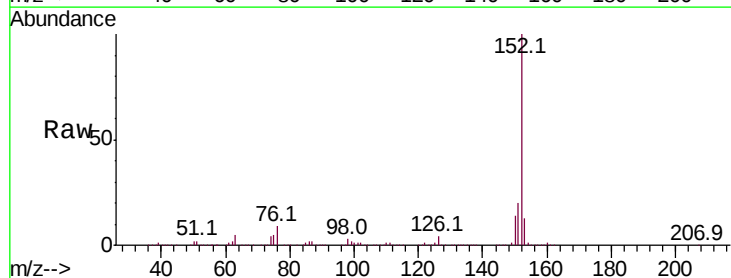
Instrument :  
BNA\_M  
ClientSampleId :

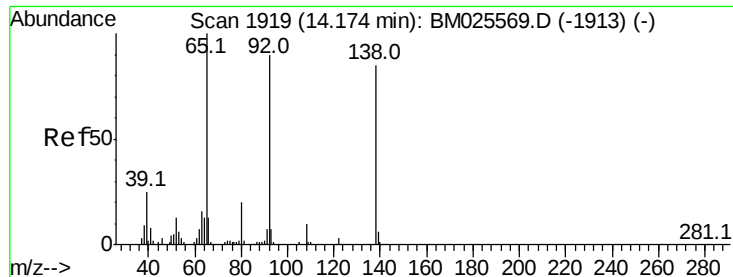
Tot Ion:165 Resp: 1261168  
Ion Ratio Lower Upper  
165 100  
89 51.5 44.5 66.7  
121 18.8 16.2 24.2



#48  
Acenaphthylene  
Concen: 180.071 ng/ul  
RT: 14.00 min Scan# 1889  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:152 Resp: 7130556  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.8 23.6  
153 13.4 10.6 16.0

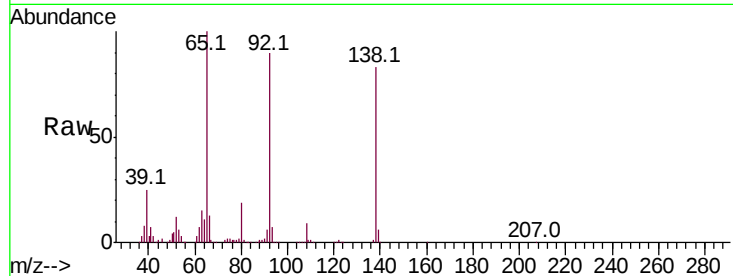




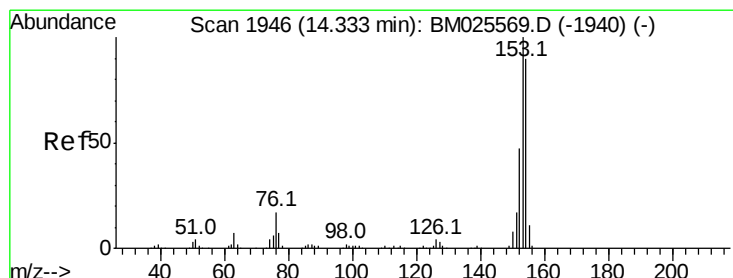
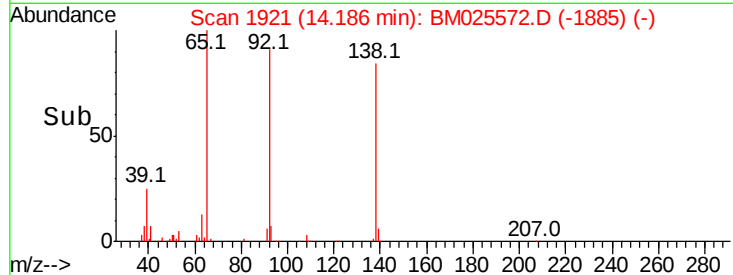
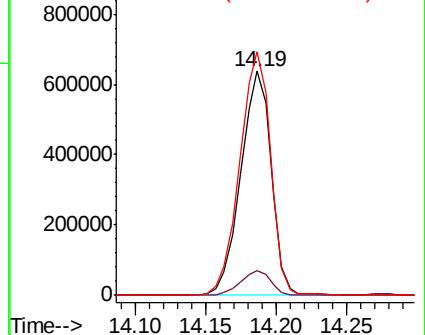
#49  
3-Nitroaniline  
Concen: 185.521 ng/ul  
RT: 14.19 min Scan# 1921  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:138 Resp: 964959  
Ion Ratio Lower Upper  
138 100  
108 10.7 9.3 13.9  
92 108.5 85.0 127.6

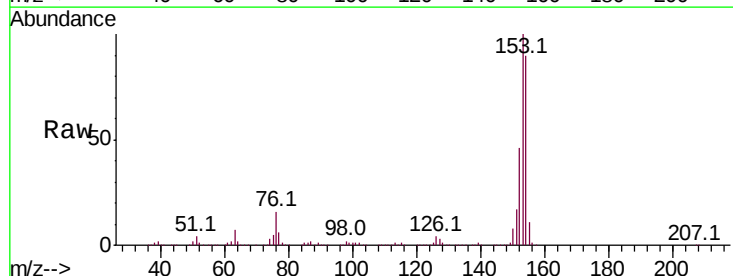


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

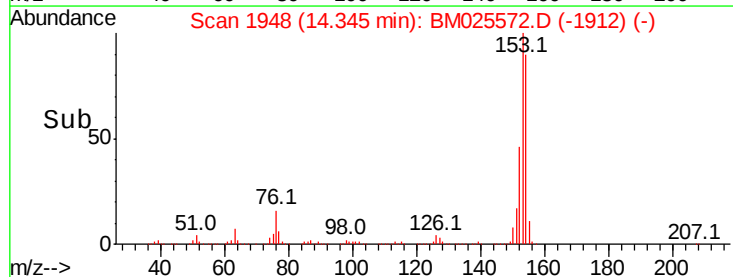
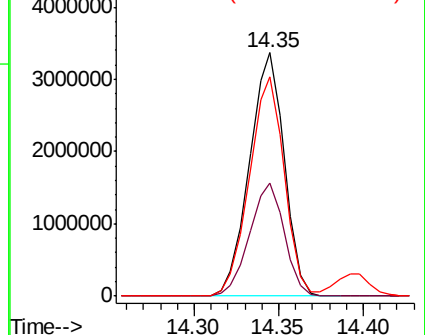


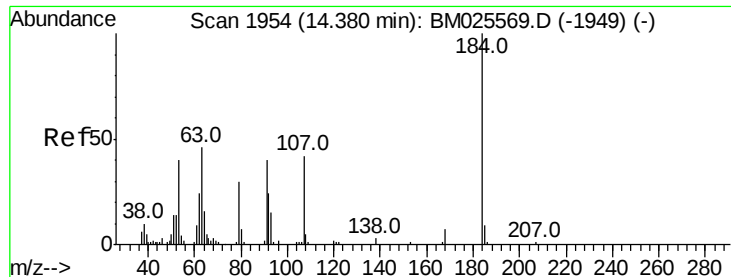
#50  
Acenaphthene  
Concen: 180.407 ng/ul  
RT: 14.35 min Scan# 1948  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:153 Resp: 4824461  
Ion Ratio Lower Upper  
153 100  
152 46.2 37.6 56.4  
154 90.0 72.2 108.2



Abundance Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E  
Ion 154.00 (153.70 to 154.70): E

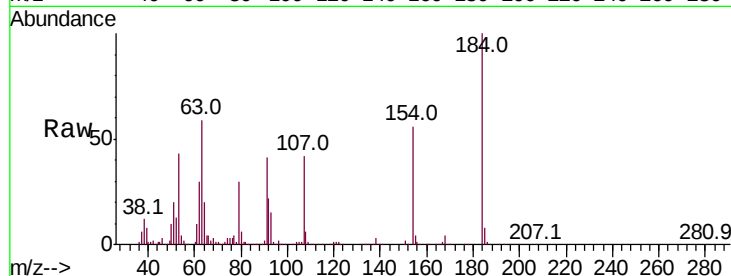




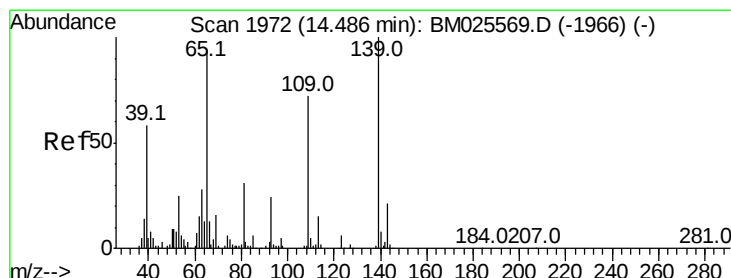
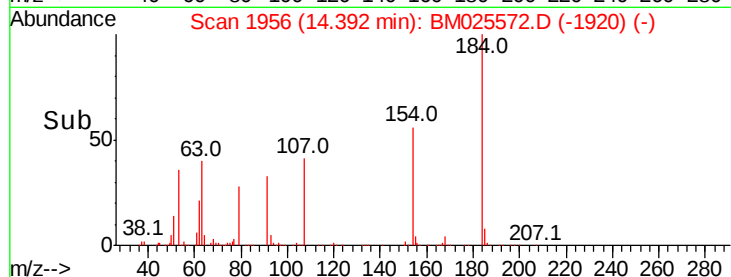
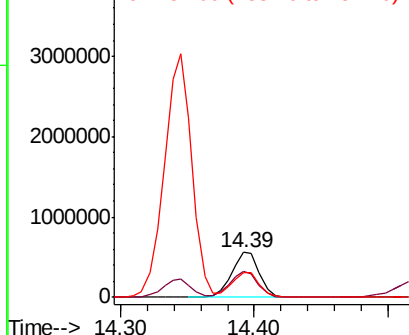
#51  
2,4-Dinitrophenol  
Concen: 193.312 ng/ul  
RT: 14.39 min Scan# 1956  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:184 Resp: 813225  
Ion Ratio Lower Upper  
184 100  
63 59.2 46.0 69.0  
154 56.4 44.4 66.6

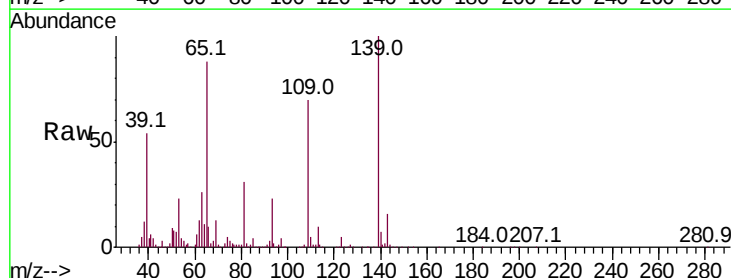


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 154.00 (153.70 to 154.70): E

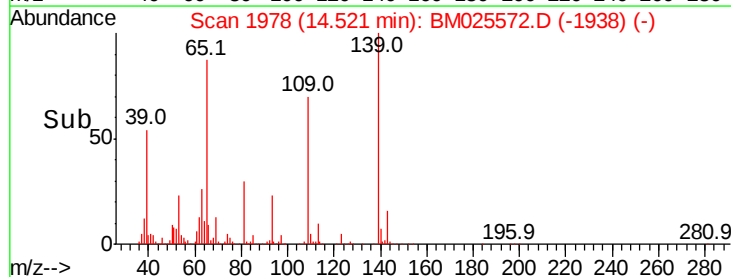
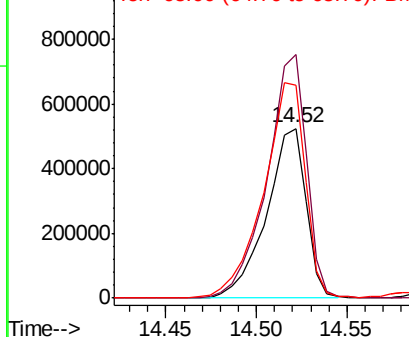


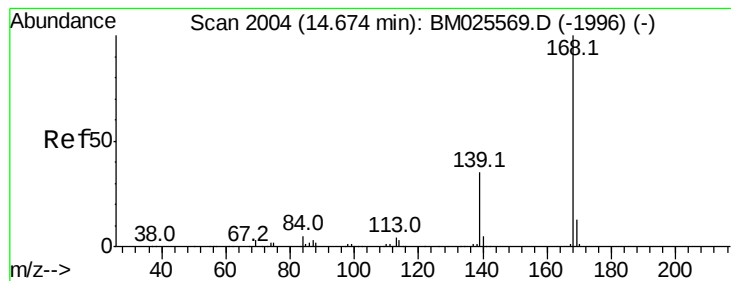
#53  
4-Nitrophenol  
Concen: 183.721 ng/ul  
RT: 14.52 min Scan# 1978  
Delta R.T. 0.04 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:109 Resp: 798131  
Ion Ratio Lower Upper  
109 100  
139 143.4 111.0 166.4  
65 125.5 105.1 157.7



Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzofuran

Concen: 168.427 ng/ul

RT: 14.68 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

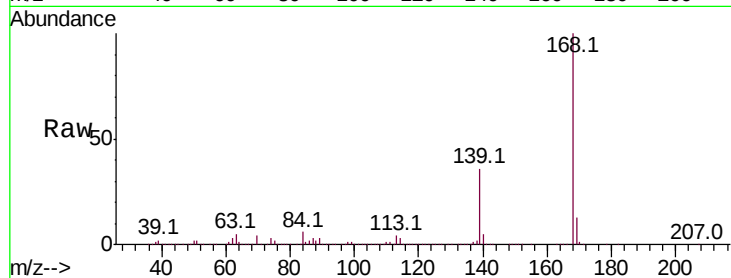
ClientSampleId :

Tot Ion:168 Resp: 6714008

Ion Ratio Lower Upper

168 100

139 35.9 28.2 42.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.68

5000000

4000000

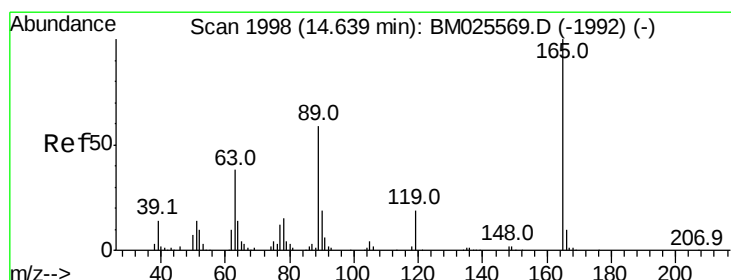
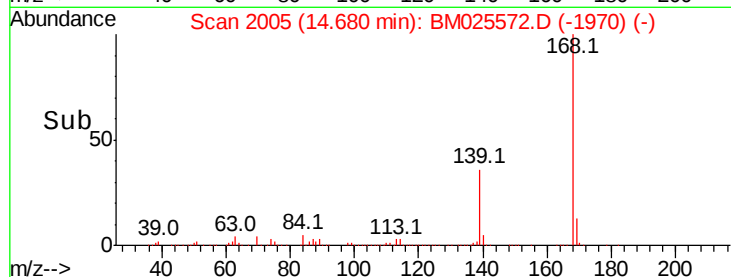
3000000

2000000

1000000

0

Time-->



#55

2,4-Dinitrotoluene

Concen: 179.816 ng/ul

RT: 14.66 min Scan# 2001

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

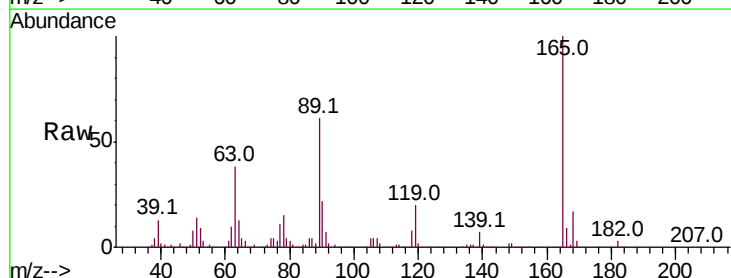
Tgt Ion:165 Resp: 1772125

Ion Ratio Lower Upper

165 100

63 37.6 30.2 45.2

182 3.2 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

14.66

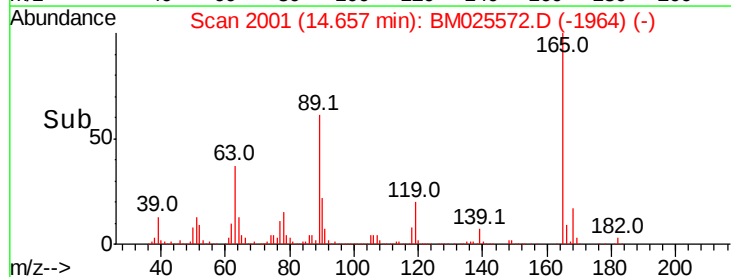
1500000

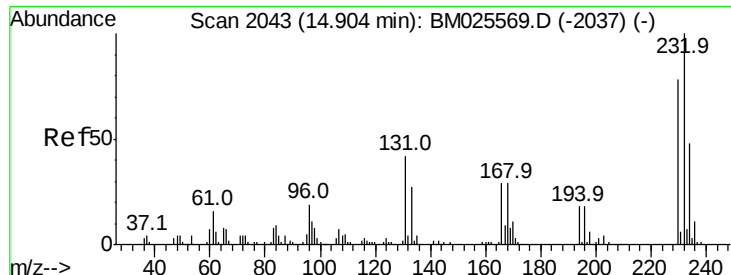
1000000

500000

0

Time-->



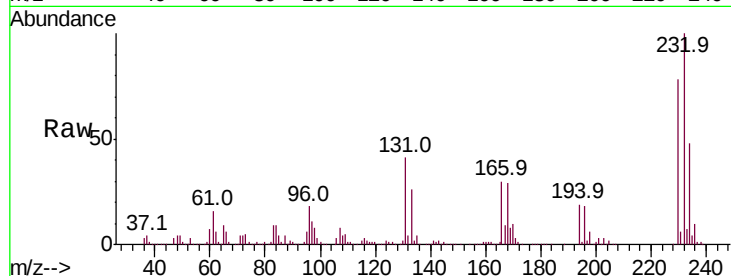


#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 157.294 ng/ul  
 RT: 14.91 min Scan# 2044  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

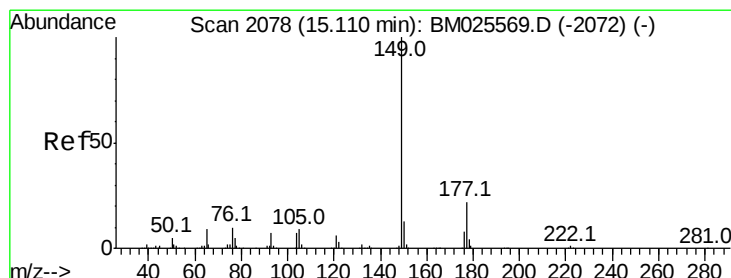
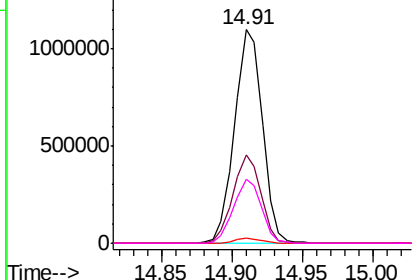
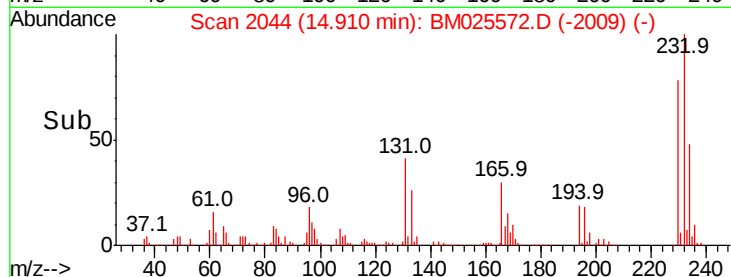
Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:232 Resp: 1516397  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 41.3  | 33.8  | 50.6  |
| 130 | 2.2   | 1.9   | 2.9   |
| 166 | 30.1  | 22.9  | 34.3  |



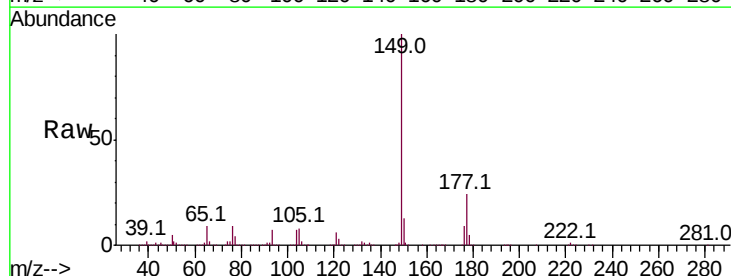
Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E



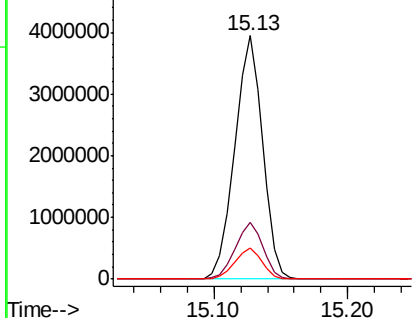
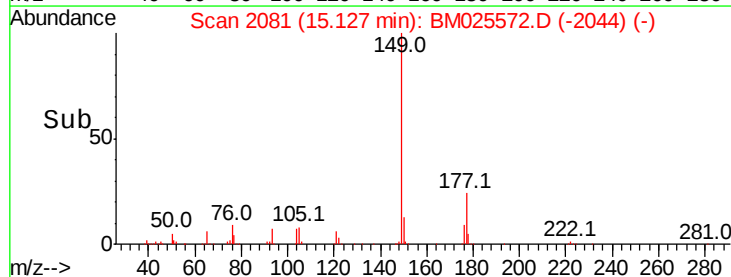
#57  
 Diethylphthalate  
 Concen: 168.194 ng/ul  
 RT: 15.13 min Scan# 2081  
 Delta R.T. 0.02 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

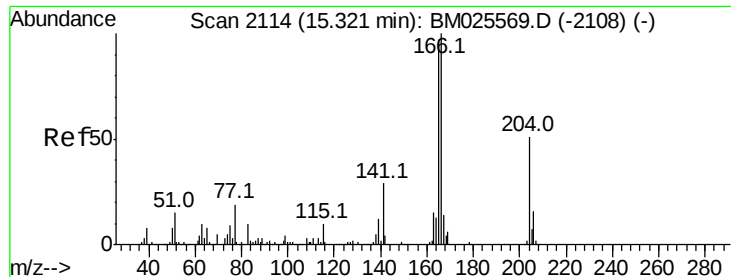
Tgt Ion:149 Resp: 5683136  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.6  | 17.8  | 26.8  |
| 150 | 12.7  | 10.1  | 15.1  |



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





#59

Fluorene

Concen: 174.110 ng/ul

RT: 15.33 min Scan# 2116

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

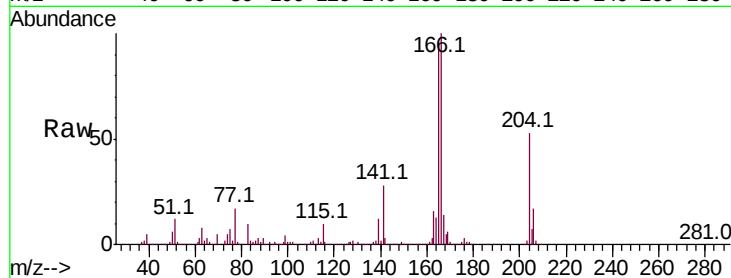
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:166 Resp: 5720087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 96.1  | 77.2  | 115.8 |
| 167 | 13.6  | 11.2  | 16.8  |

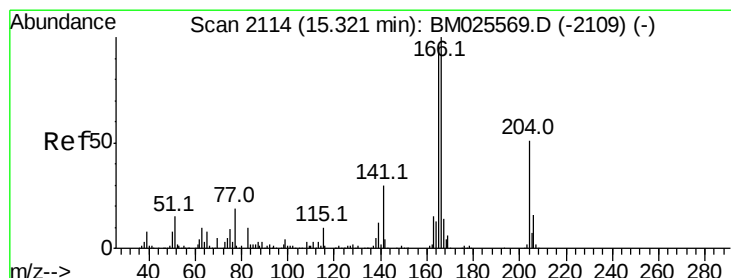
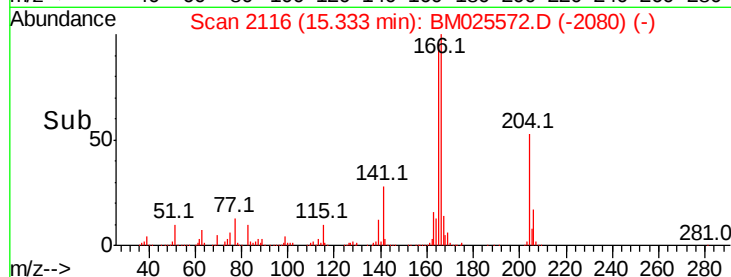
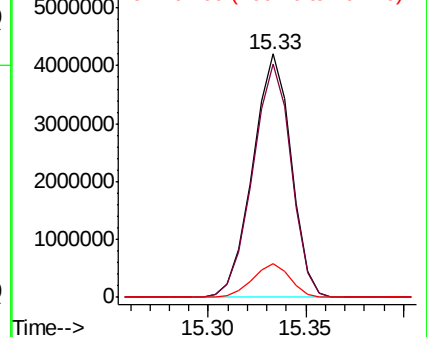


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 154.025 ng/ul

RT: 15.33 min Scan# 2116

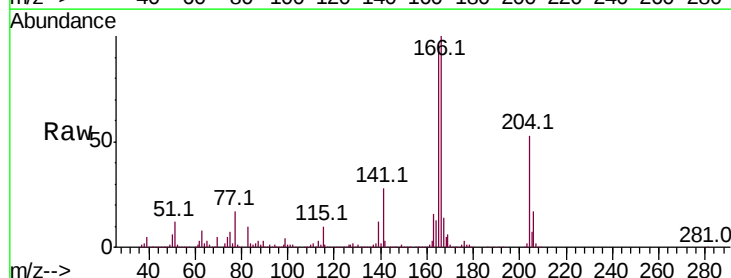
Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Tgt Ion:204 Resp: 2913537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 33.1  | 25.7  | 38.5  |
| 141 | 53.4  | 46.5  | 69.7  |

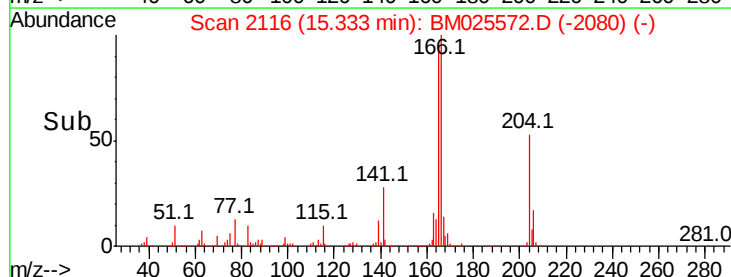
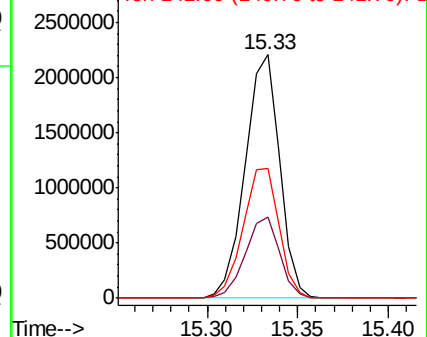


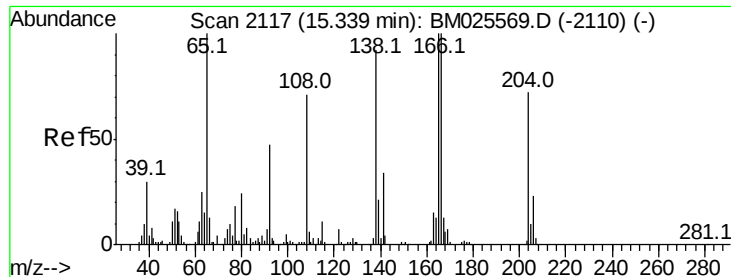
Abundance

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

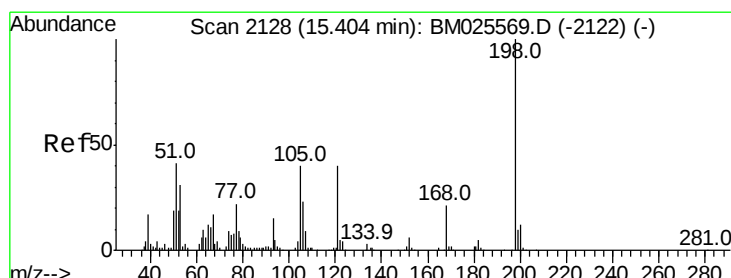
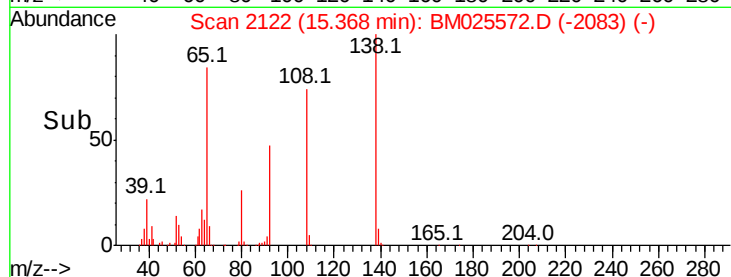
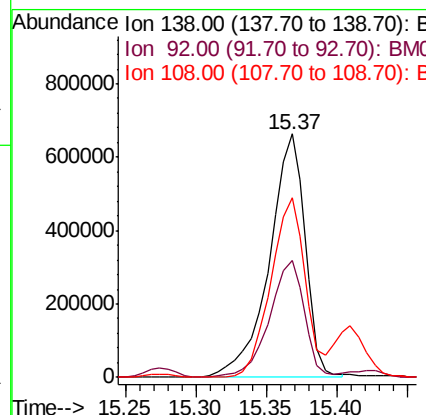
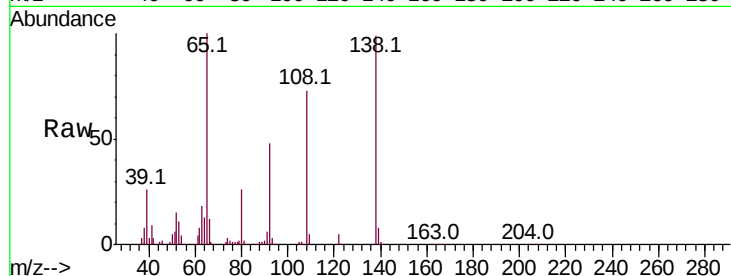




#61  
4-Nitroaniline  
Concen: 182.645 ng/ul  
RT: 15.37 min Scan# 2122  
Delta R.T. 0.03 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

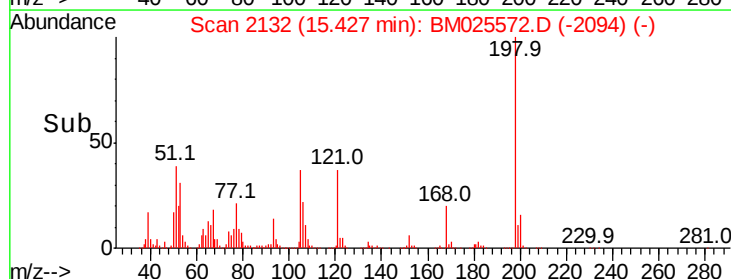
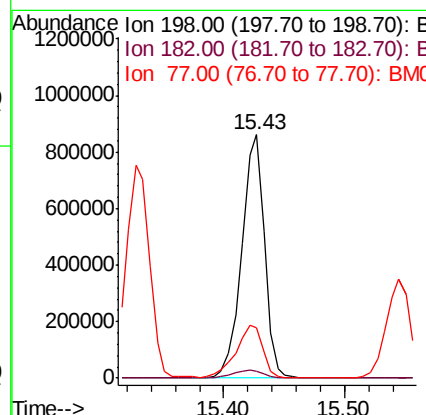
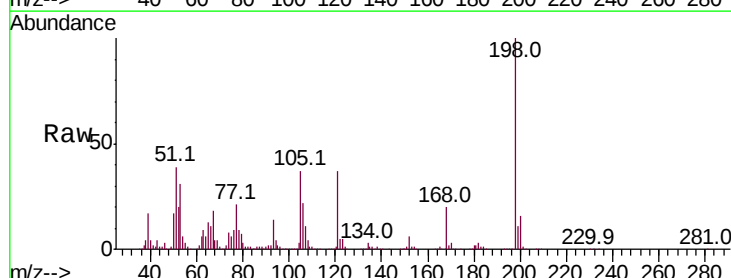
Instrument :  
BNA\_M  
ClientSampleId :

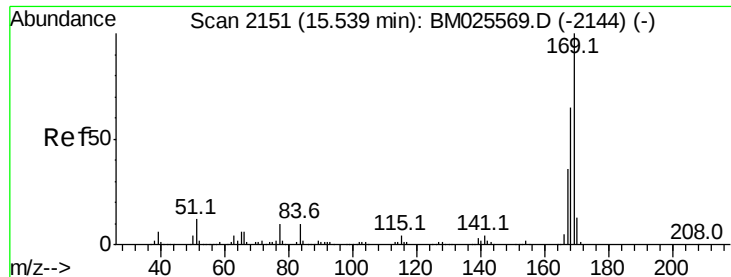
Tot Ion:138 Resp: 1176479  
Ion Ratio Lower Upper  
138 100  
92 48.1 40.6 60.8  
108 73.6 61.2 91.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 178.007 ng/ul  
RT: 15.43 min Scan# 2132  
Delta R.T. 0.02 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:198 Resp: 1131893  
Ion Ratio Lower Upper  
198 100  
182 3.0 3.7 5.5#  
77 20.8 18.6 28.0



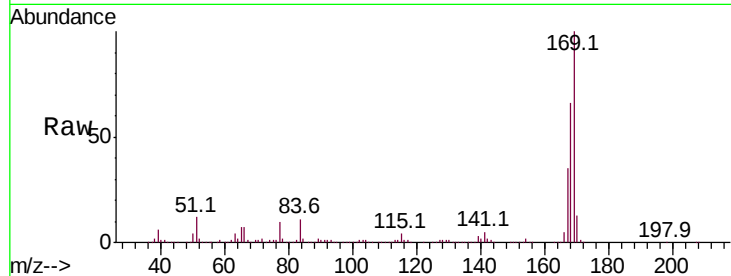


#65

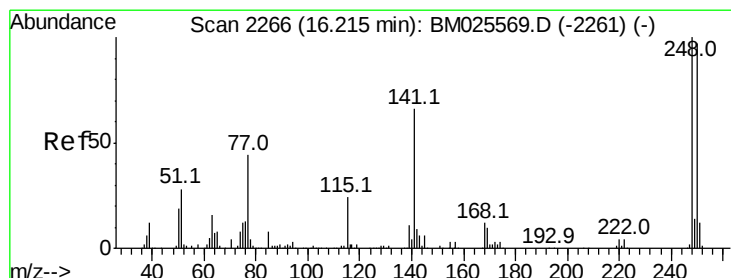
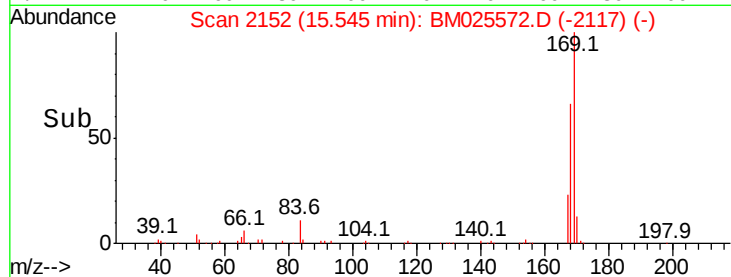
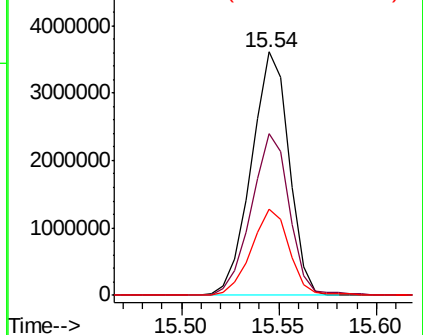
N-Nitrosodiphenylamine  
Concen: 189.917 ng/ul  
RT: 15.54 min Scan# 2152  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:169 Resp: 4834962  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.2 78.4  
167 35.2 28.6 42.8



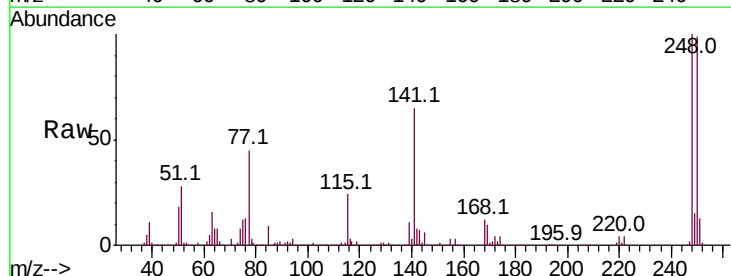
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



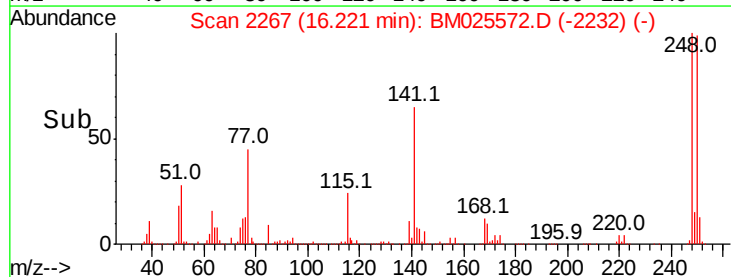
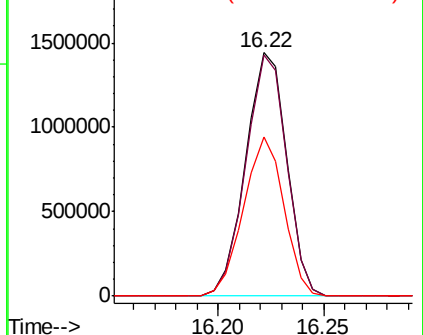
#66

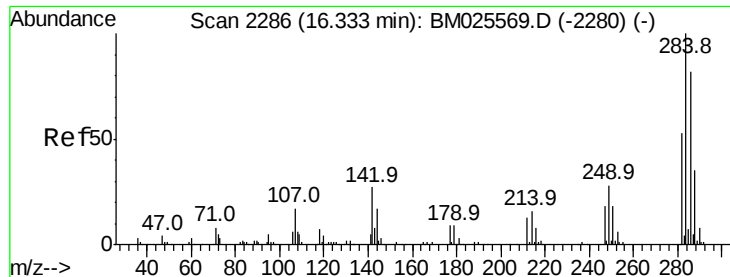
4-Bromophenyl-phenylether  
Concen: 170.884 ng/ul  
RT: 16.22 min Scan# 2267  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:248 Resp: 1951510  
Ion Ratio Lower Upper  
248 100  
250 99.0 78.1 117.1  
141 65.4 52.9 79.3



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





#67

Hexachlorobenzene

Concen: 172.276 ng/ul

RT: 16.34 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

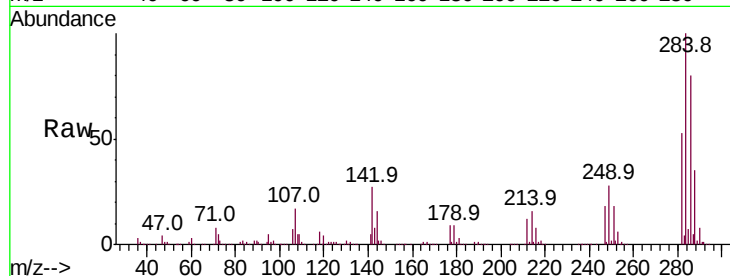
Tot Ion:284 Resp: 2325149

Ion Ratio Lower Upper

284 100

142 27.3 22.0 33.0

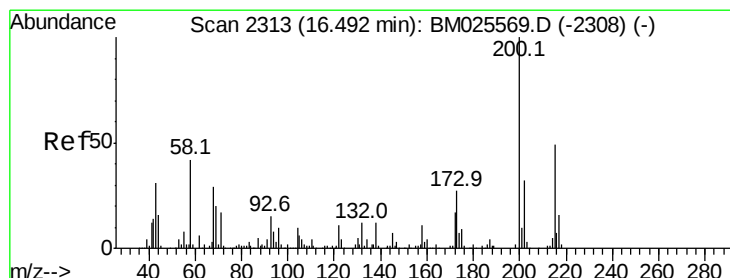
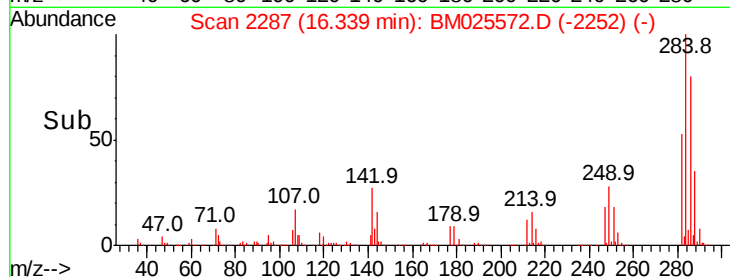
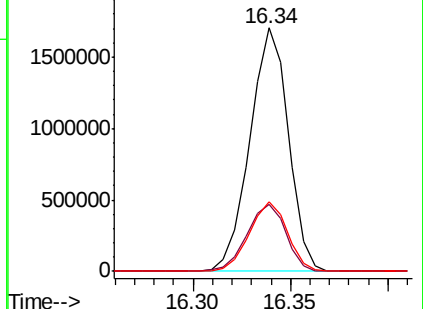
249 28.4 22.4 33.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 164.014 ng/ul

RT: 16.51 min Scan# 2316

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

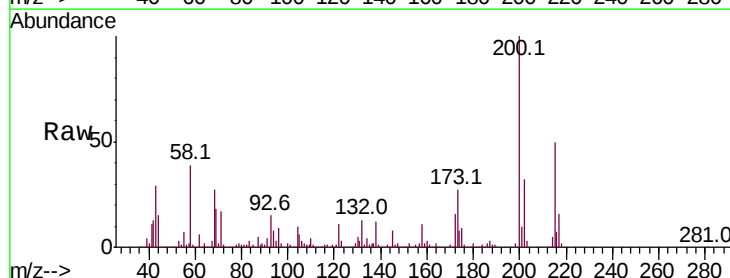
Tgt Ion:200 Resp: 1794084

Ion Ratio Lower Upper

200 100

173 27.3 21.5 32.3

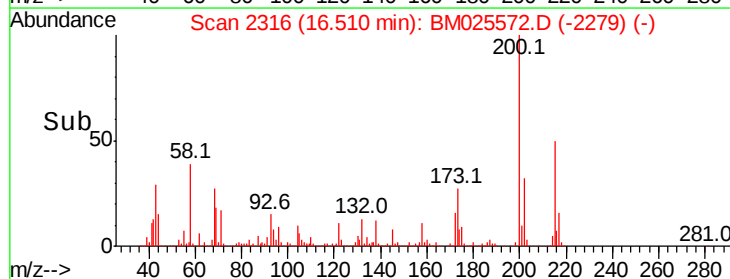
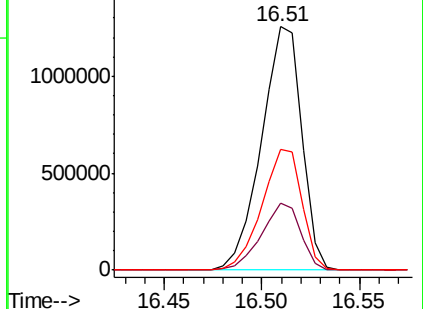
215 49.7 39.6 59.4

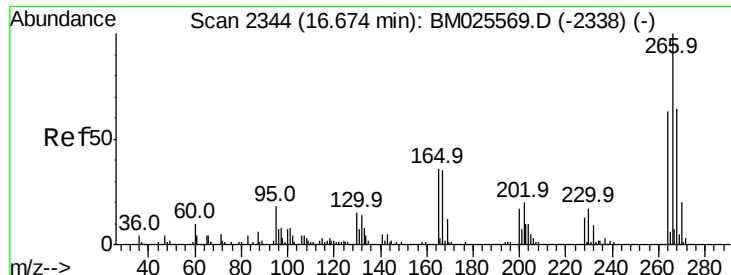


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

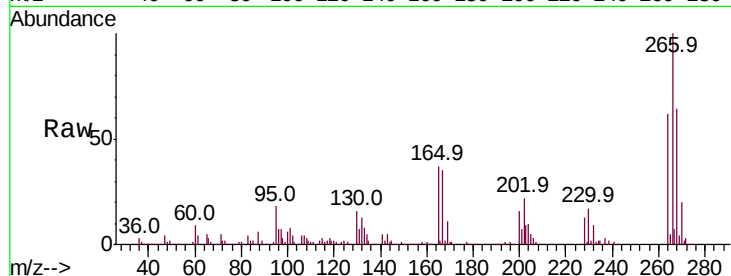




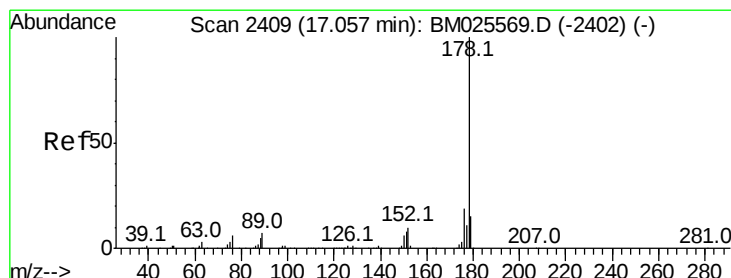
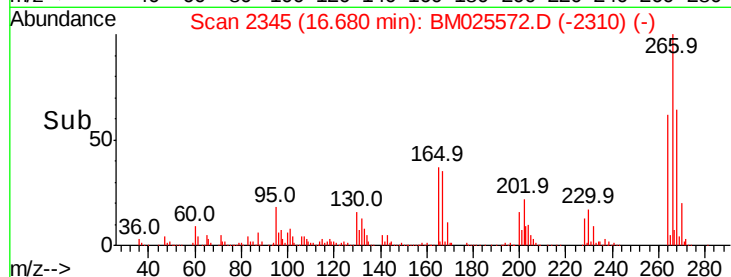
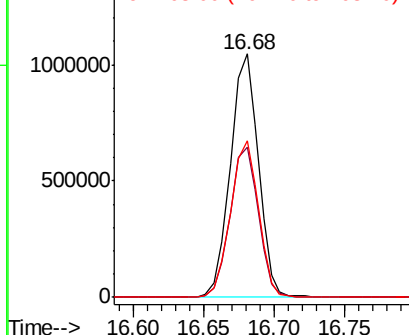
#69  
 Pentachlorophenol  
 Concen: 179.685 ng/ul  
 RT: 16.68 min Scan# 2345  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:266 Resp: 1451143  
 Ion Ratio Lower Upper  
 266 100  
 264 61.7 50.1 75.1  
 268 64.1 50.9 76.3

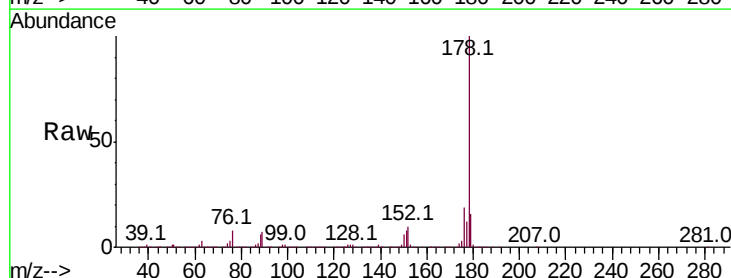


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

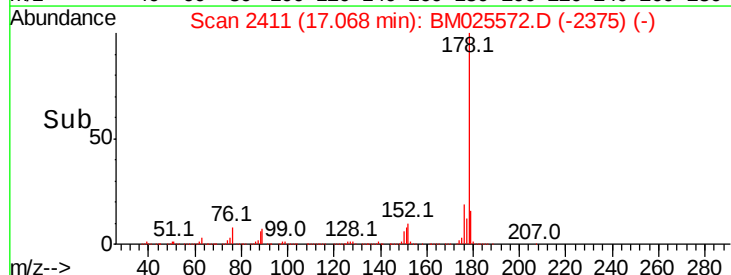
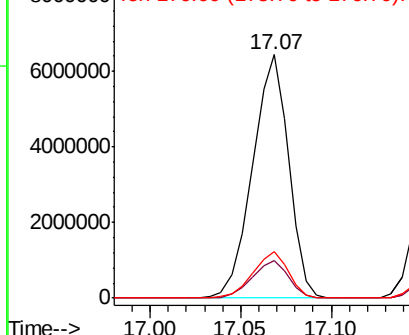


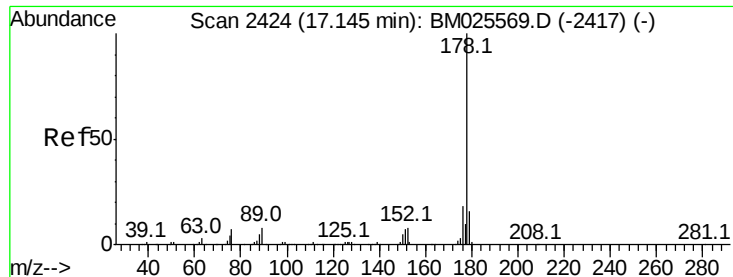
#70  
 Phenanthrene  
 Concen: 179.025 ng/ul  
 RT: 17.07 min Scan# 2411  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

Tgt Ion:178 Resp: 8896338  
 Ion Ratio Lower Upper  
 178 100  
 179 15.6 12.2 18.4  
 176 19.1 15.3 22.9



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





#72

Anthracene

Concen: 179.091 ng/ul

RT: 17.16 min Scan# 2427

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

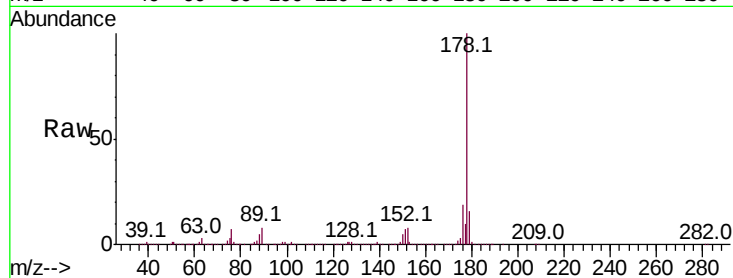
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 9025757

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.7  | 12.5  | 18.7  |
| 176 | 18.6  | 14.5  | 21.7  |

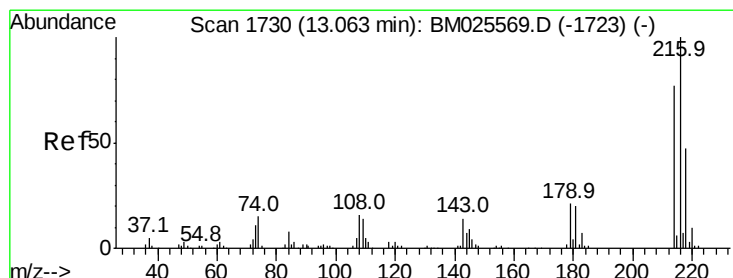
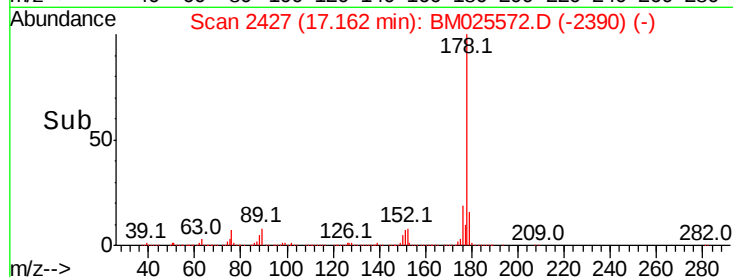
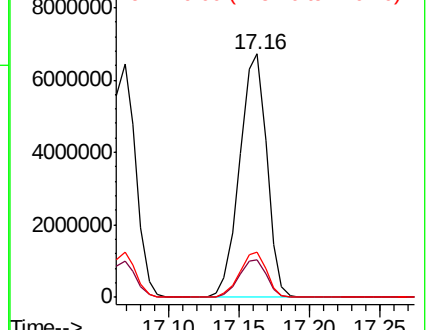


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 164.481 ng/uL

RT: 13.07 min Scan# 1731

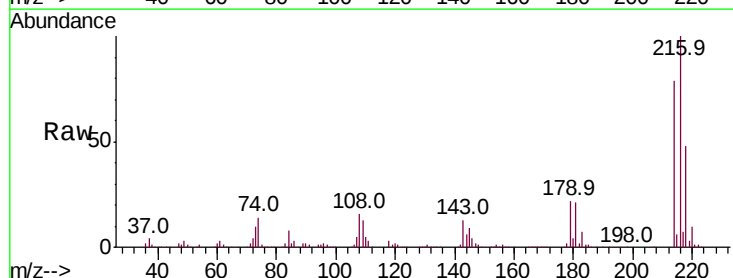
Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Tgt Ion:216 Resp: 2461526

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.5  | 61.8  | 92.6  |
| 218 | 47.7  | 37.3  | 55.9  |

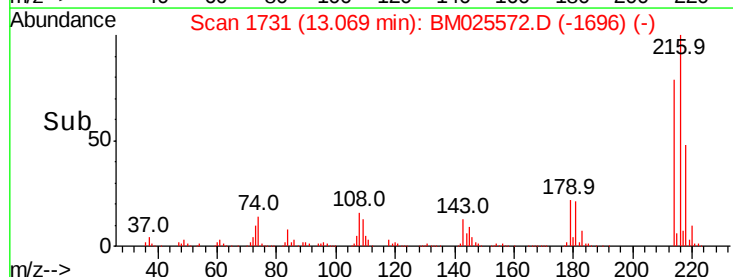
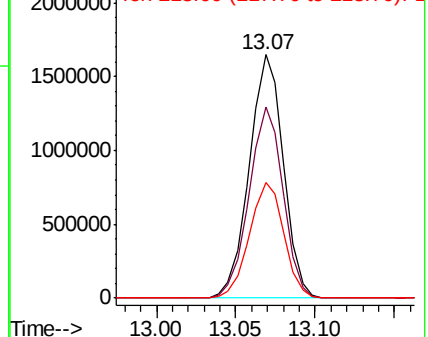


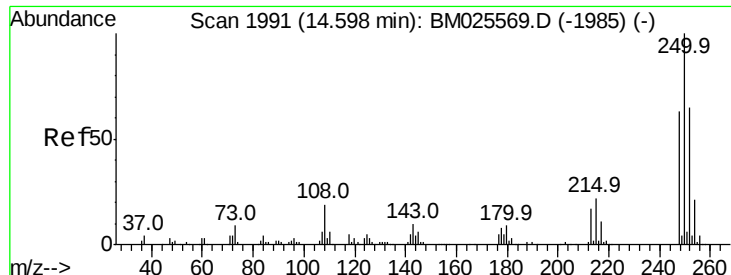
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

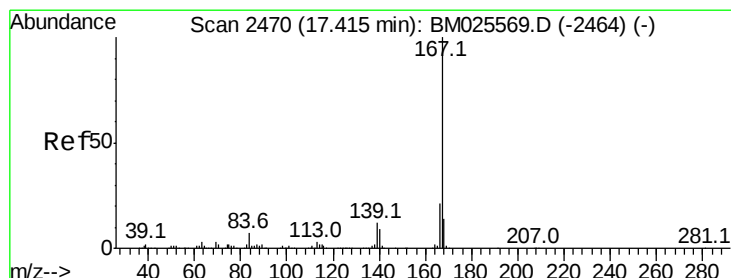
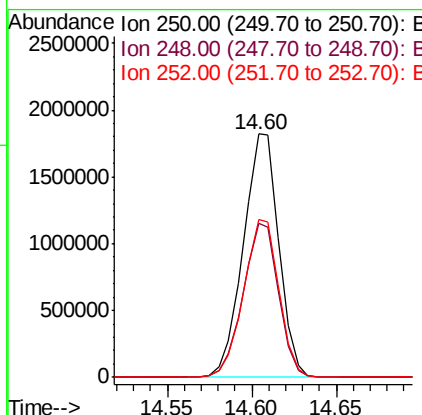
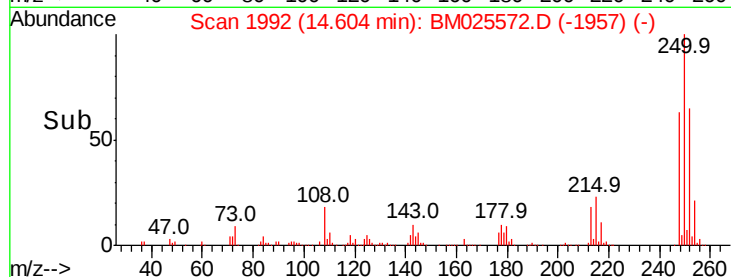
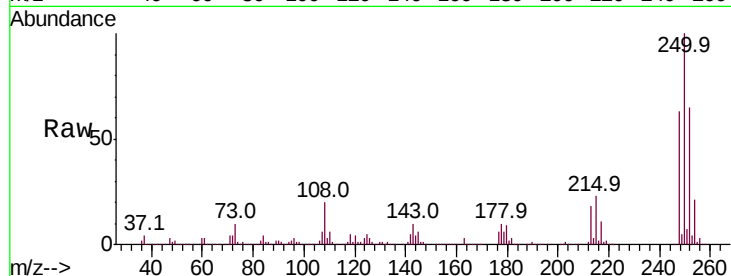




#74  
 Pentachlorobenzene  
 Concen: 167.891 ng/uL  
 RT: 14.60 min Scan# 1992  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

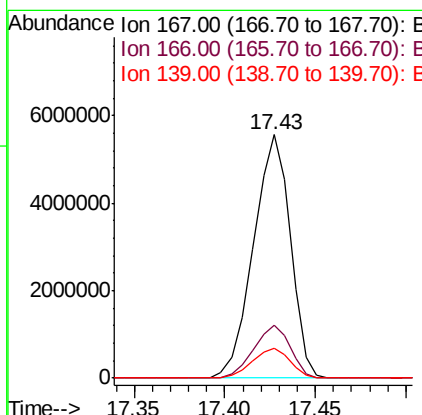
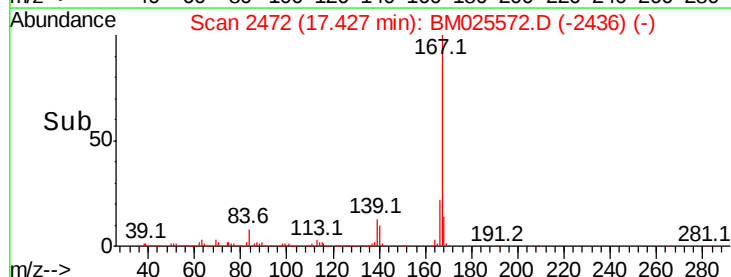
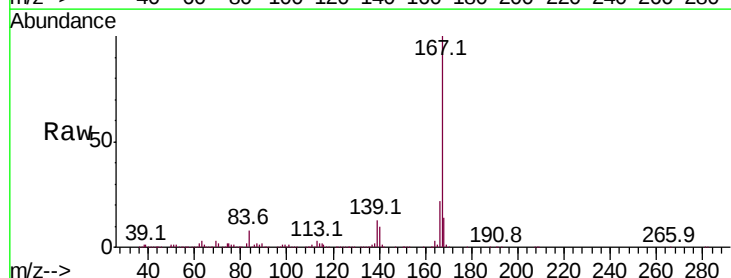
Instrument :  
 BNA\_M  
 ClientSampleId :

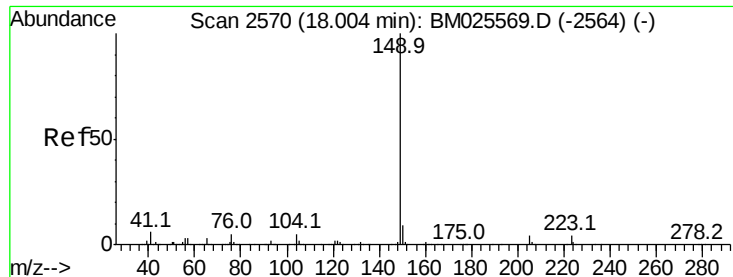
Tot Ion:250 Resp: 2666401  
 Ion Ratio Lower Upper  
 250 100  
 248 63.3 50.3 75.5  
 252 64.7 51.9 77.9



#75  
 Carbazole  
 Concen: 187.716 ng/uL  
 RT: 17.43 min Scan# 2472  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

Tgt Ion:167 Resp: 7881459  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 16.7 25.1  
 139 12.5 9.8 14.8

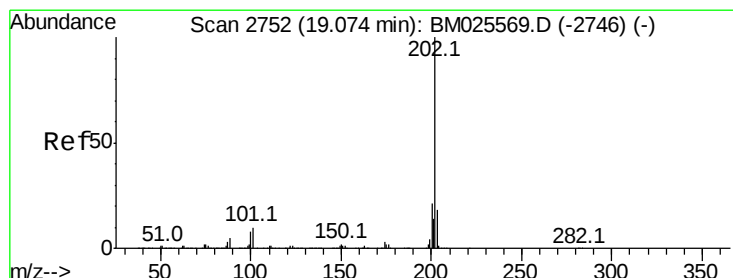
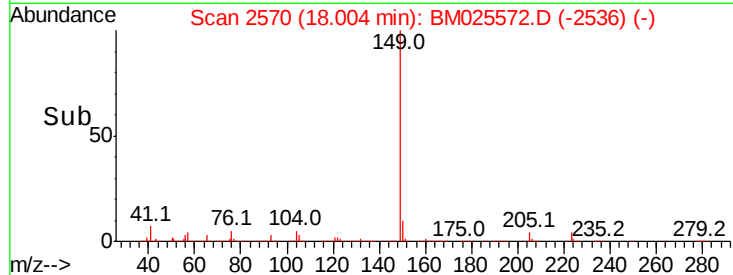
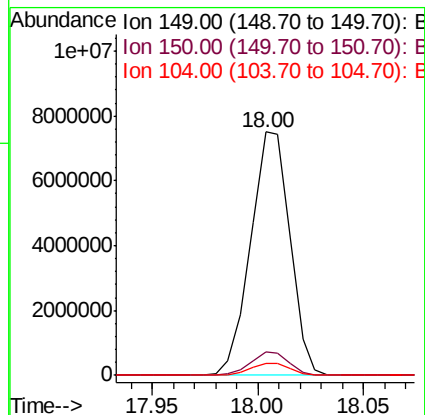
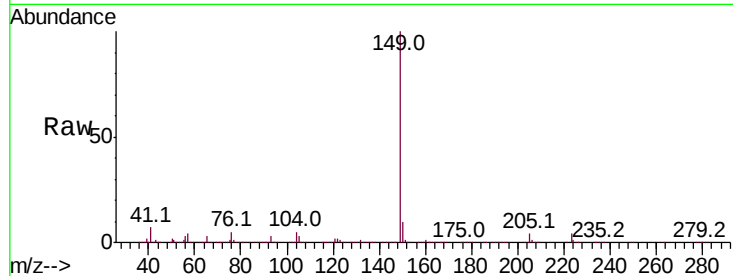




#76  
Di-n-butylphthalate  
Concen: 182.461 ng/ul  
RT: 18.00 min Scan# 2570  
Delta R.T. 0.00 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

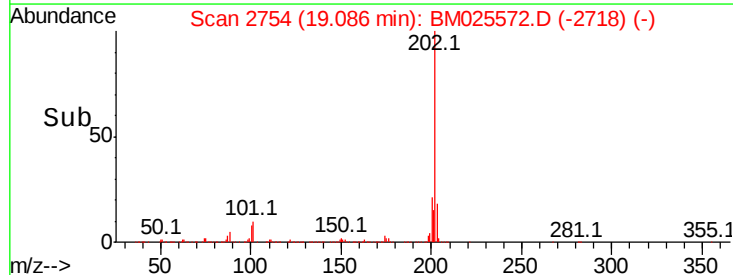
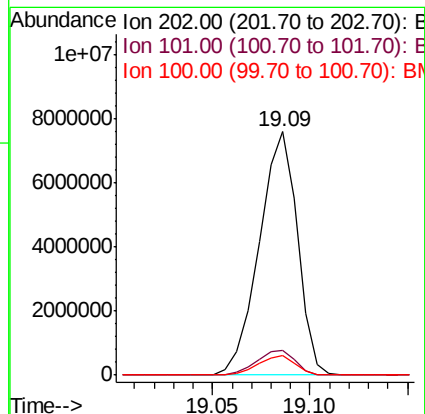
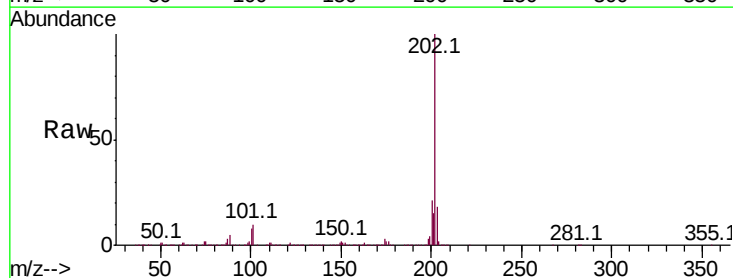
Instrument :  
BNA\_M  
ClientSampled :

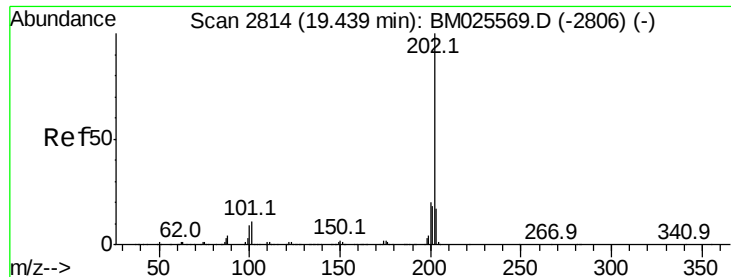
Tot Ion:149 Resp: 9747151  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.0 10.6  
104 4.9 3.8 5.8



#77  
Fluoranthene  
Concen: 168.710 ng/ul  
RT: 19.09 min Scan# 2754  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:202 Resp:10291957  
Ion Ratio Lower Upper  
202 100  
101 10.1 8.2 12.4  
100 7.9 6.5 9.7

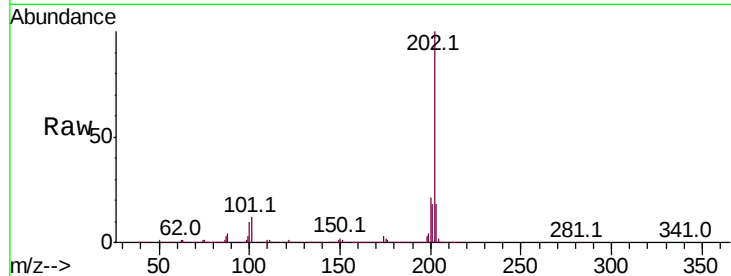




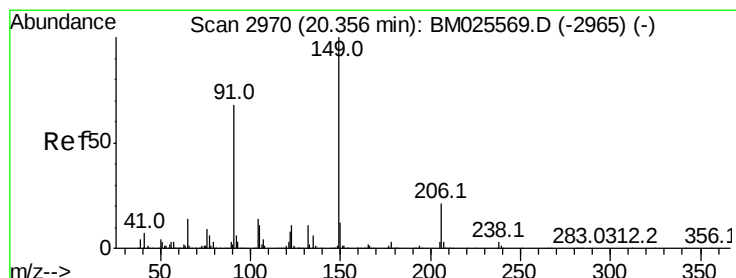
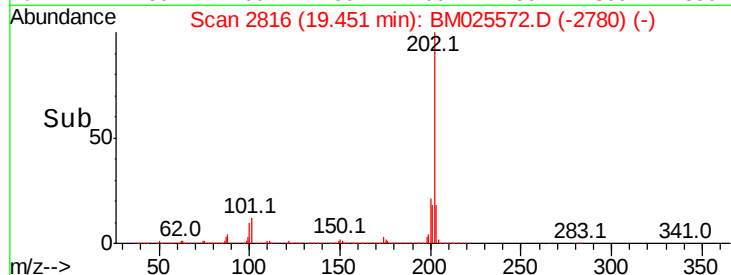
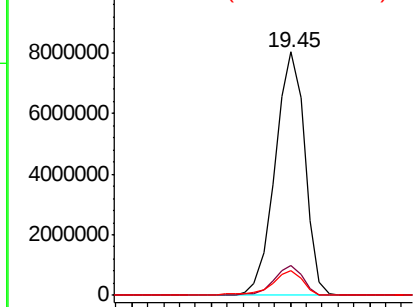
#80  
Pvrene  
Concen: 171.387 ng/ul  
RT: 19.45 min Scan# 2816  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:202 Resp:10475616  
Ion Ratio Lower Upper  
202 100  
101 12.3 8.9 13.3  
100 10.1 7.5 11.3

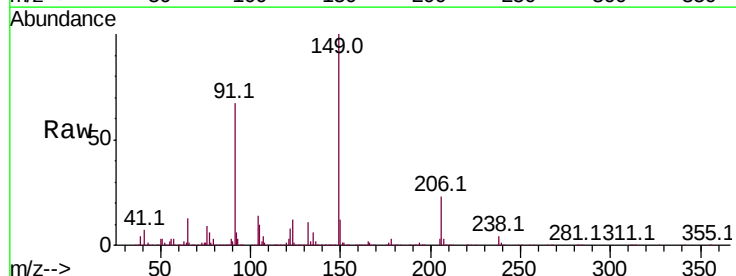


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

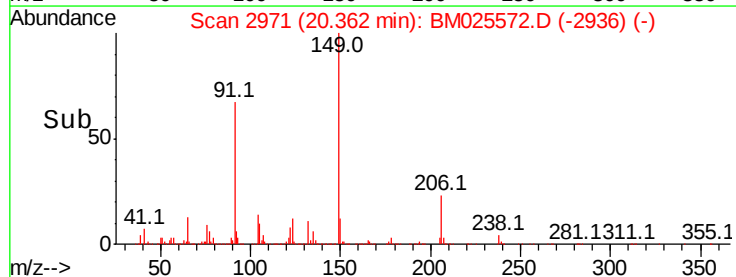
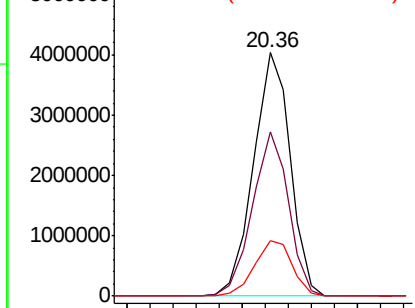


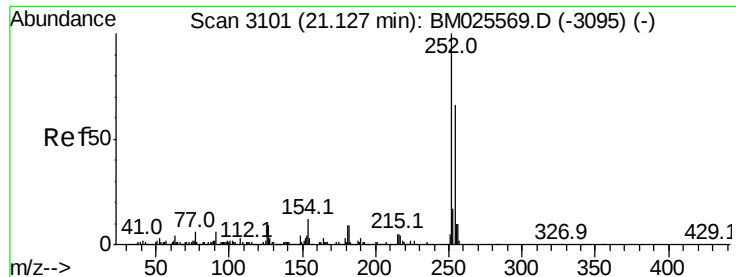
#81  
Butylbenzylphthalate  
Concen: 196.009 ng/ul  
RT: 20.36 min Scan# 2971  
Delta R.T. 0.01 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:149 Resp: 4481299  
Ion Ratio Lower Upper  
149 100  
91 67.5 54.2 81.4  
206 23.0 17.1 25.7



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): B  
Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 159.302 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

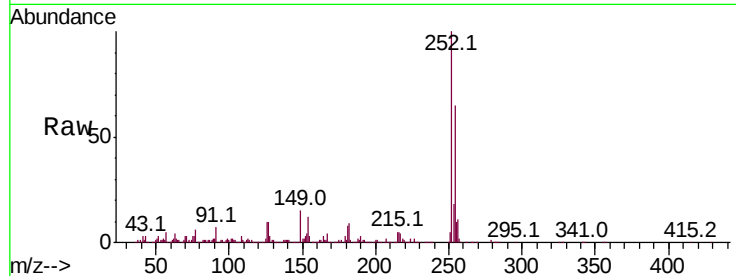
Tot Ion:252 Resp: 3438525

Ion Ratio Lower Upper

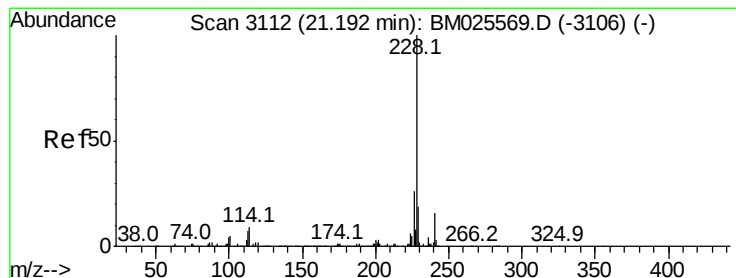
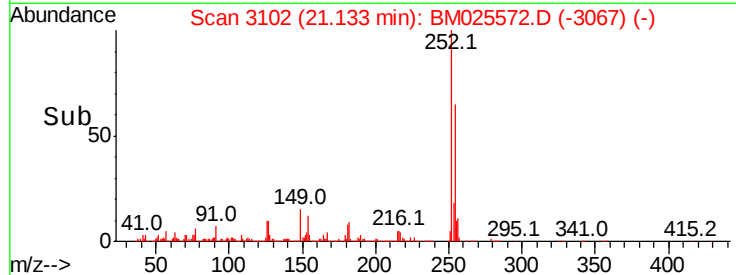
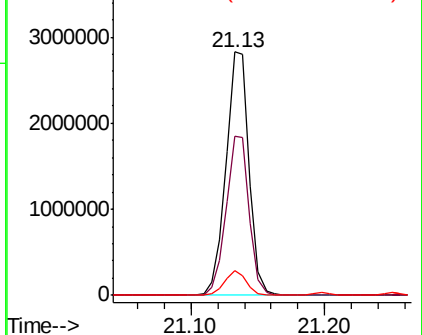
252 100

254 65.1 52.6 78.8

126 10.0 7.4 11.2



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

Benzo(a)anthracene

Concen: 159.352 ng/ul

RT: 21.20 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

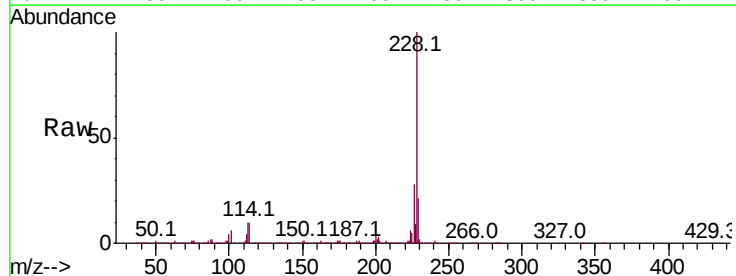
Tgt Ion:228 Resp: 9911678

Ion Ratio Lower Upper

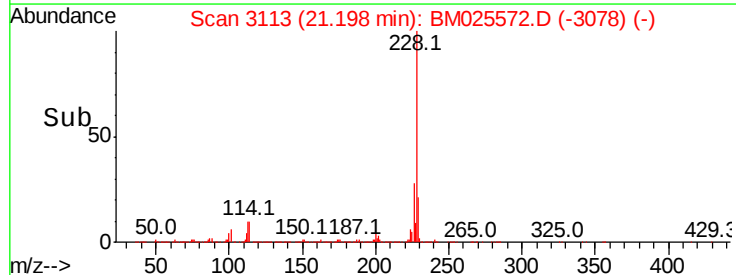
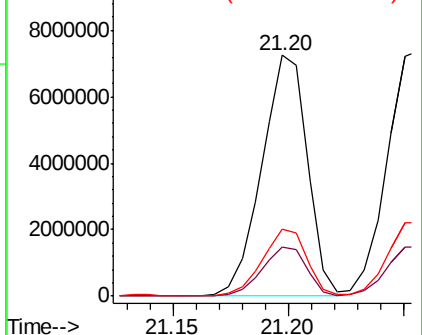
228 100

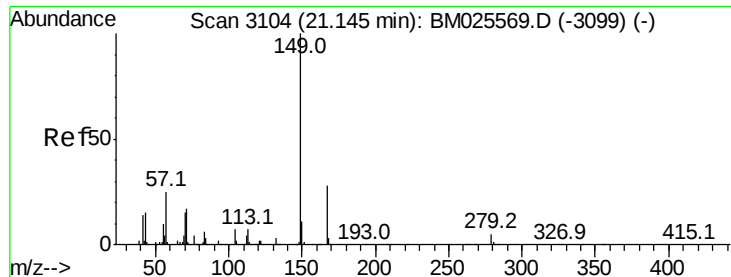
229 20.6 15.5 23.3

226 27.7 21.0 31.6



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 185.352 ng/ul

RT: 21.15 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

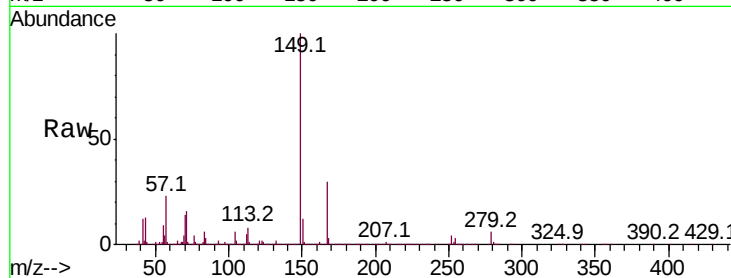
Tot Ion:149 Resp: 6707683

Ion Ratio Lower Upper

149 100

167 29.6 22.7 34.1

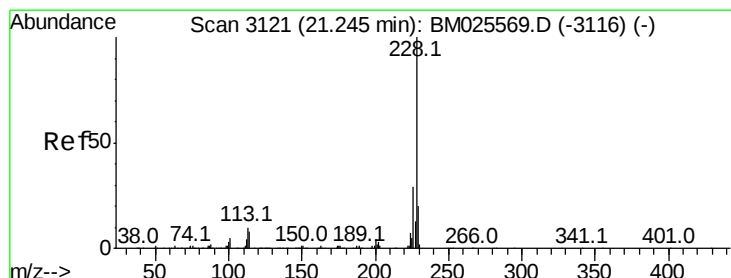
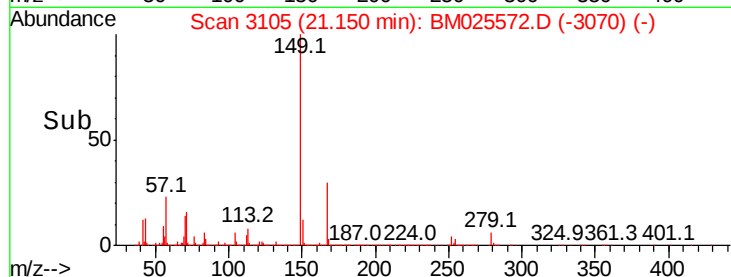
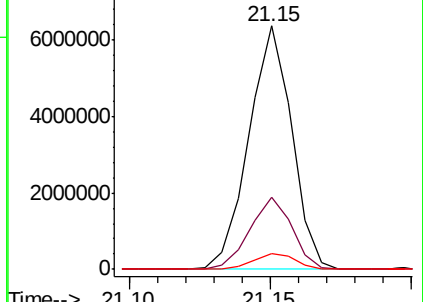
279 6.3 4.1 6.1#



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

Chrysene

Concen: 155.724 ng/ul

RT: 21.26 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

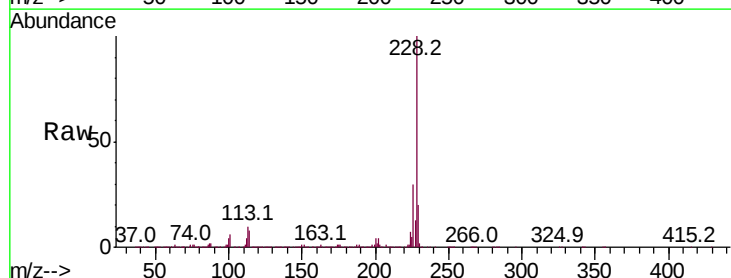
Tgt Ion:228 Resp: 9535979

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

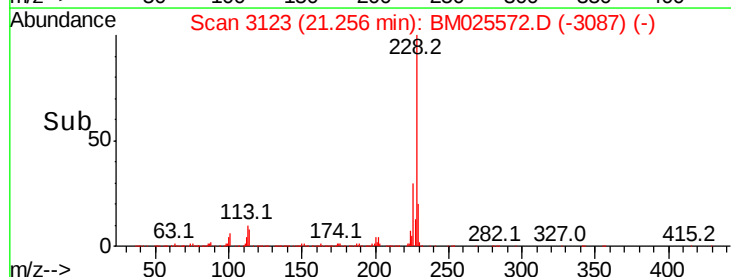
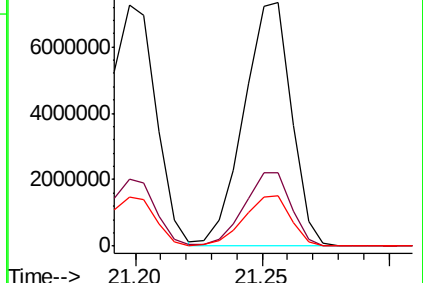
229 20.4 15.6 23.4

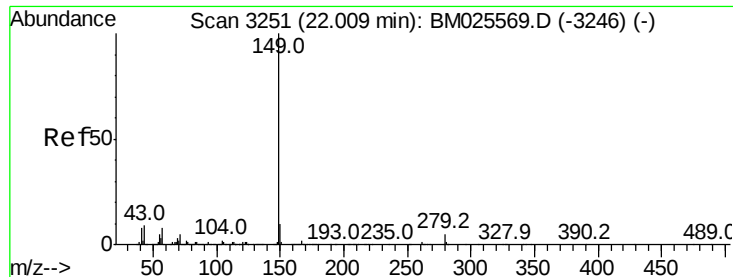


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

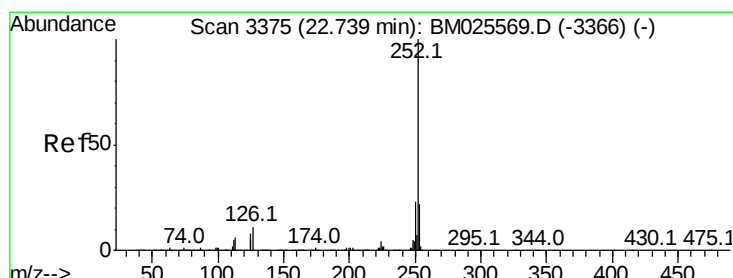
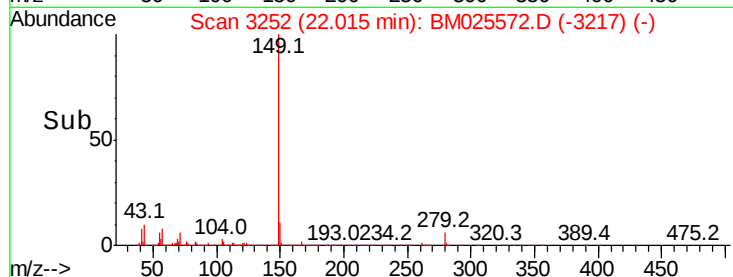
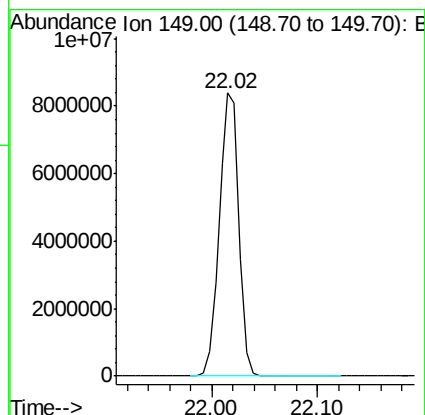
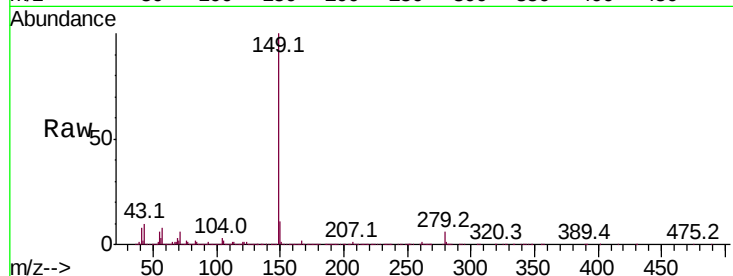




#87  
 Di-n-octyl phthalate  
 Concen: 172.916 ng/ul  
 RT: 22.02 min Scan# 3252  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :

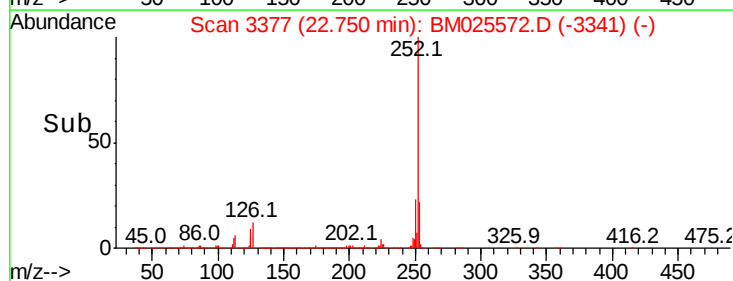
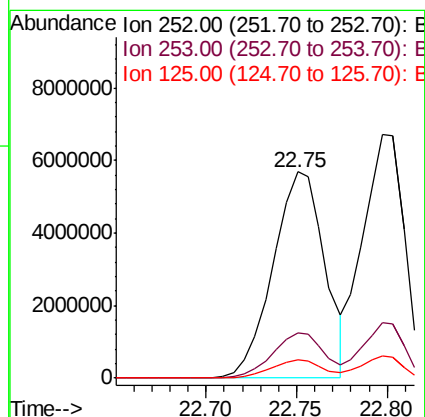
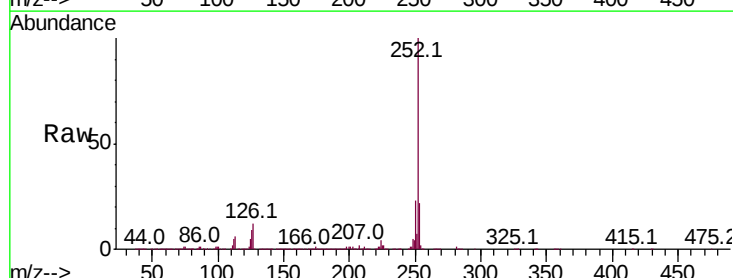
Tgt Ion:149 Resp:10866501

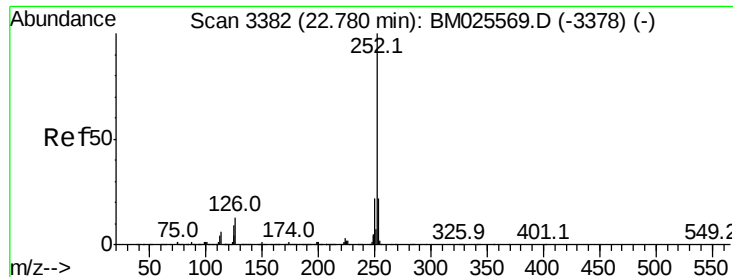


#88  
 Benzo(b)fluoranthene  
 Concen: 169.078 ng/ul  
 RT: 22.75 min Scan# 3377  
 Delta R.T. 0.01 min  
 Lab File: BM025572.D  
 Acq: 14 Mar 2020 15:18

Tgt Ion:252 Resp:11306285

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.5  | 26.3  |
| 125 | 9.1   | 6.7   | 10.1  |





#89

Benzo(k)fluoranthene

Concen: 167.042 ng/ul

RT: 22.80 min Scan# 3385

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

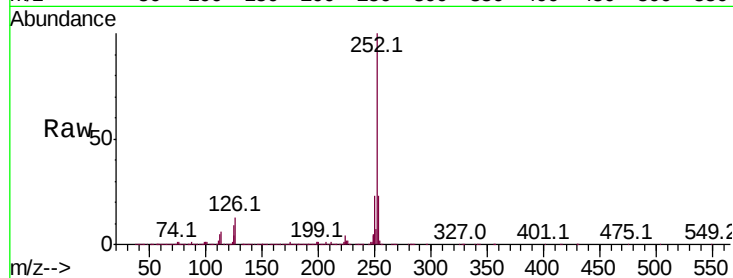
Tot Ion:252 Resp:10751443

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

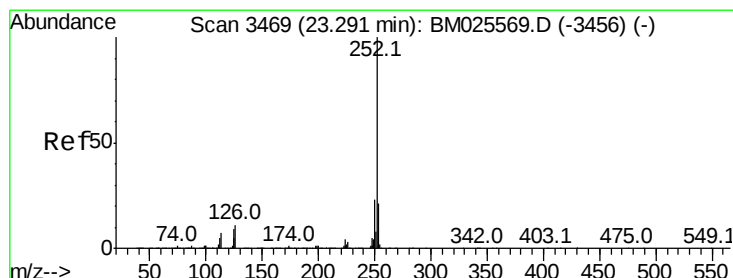
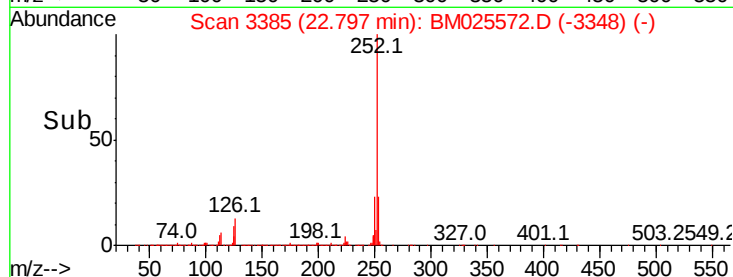
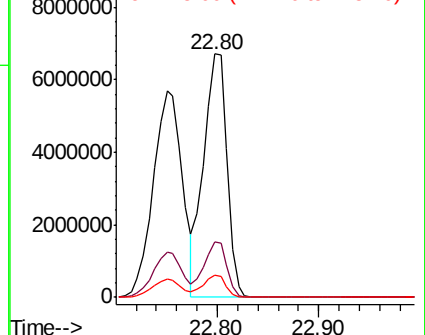
125 9.3 6.9 10.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 170.194 ng/ul

RT: 23.32 min Scan# 3473

Delta R.T. 0.02 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

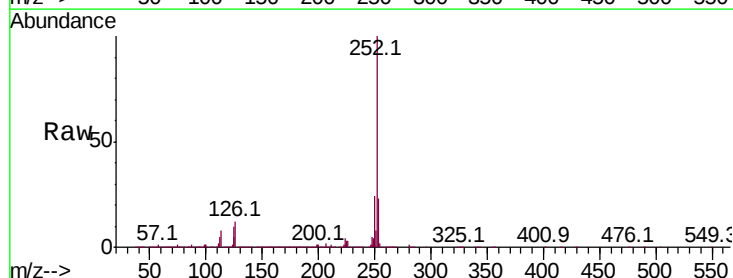
Tgt Ion:252 Resp:10203381

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

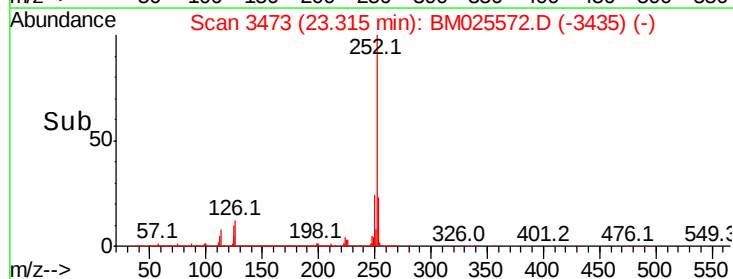
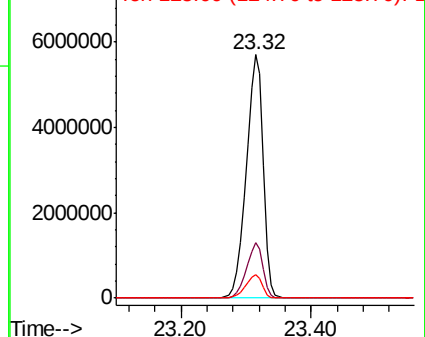
125 9.9 7.1 10.7

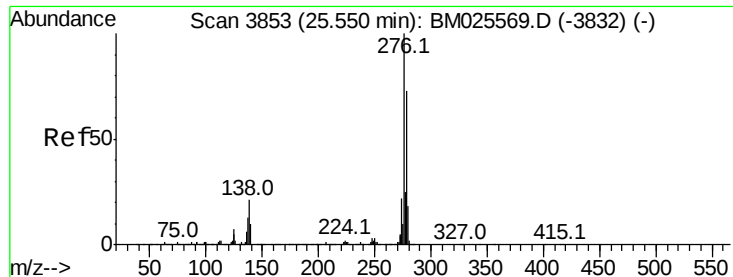


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



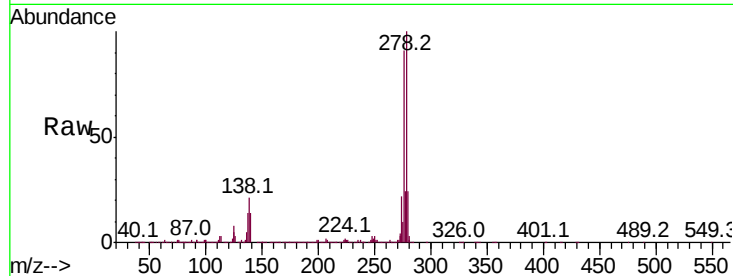


#92

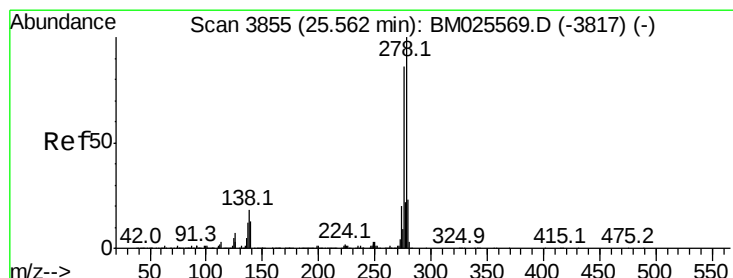
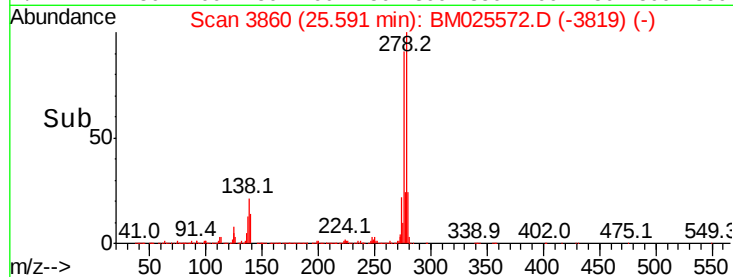
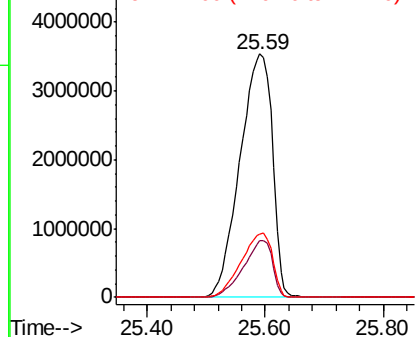
Indeno(1,2,3-cd)pyrene  
Concen: 181.297 ng/ul  
RT: 25.59 min Scan# 3860  
Delta R.T. 0.04 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:276 Resp:13531285  
Ion Ratio Lower Upper  
276 100  
138 23.3 16.5 24.7  
277 26.2 19.7 29.5



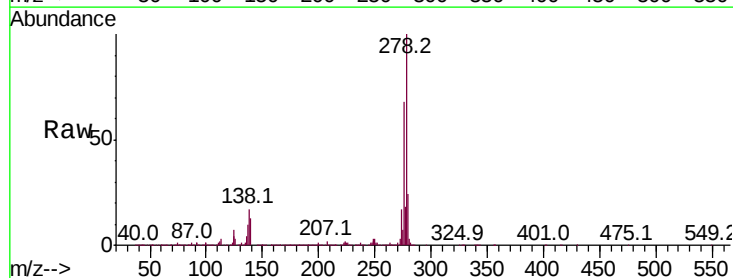
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



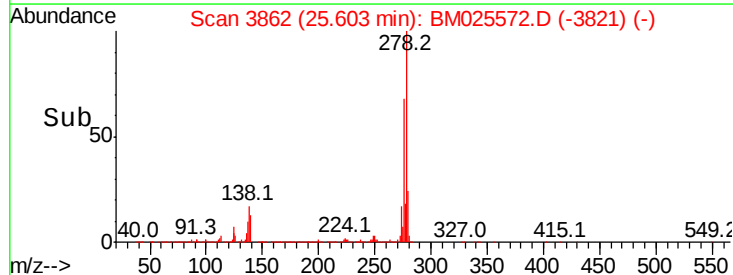
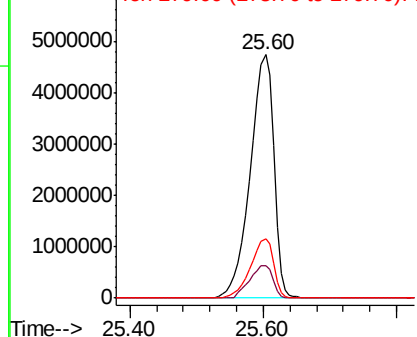
#93

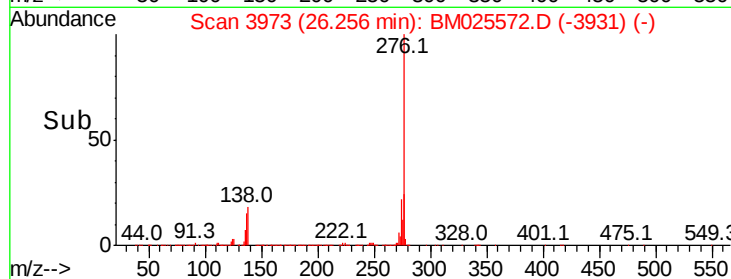
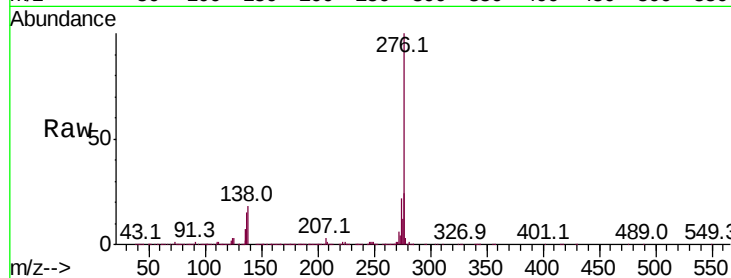
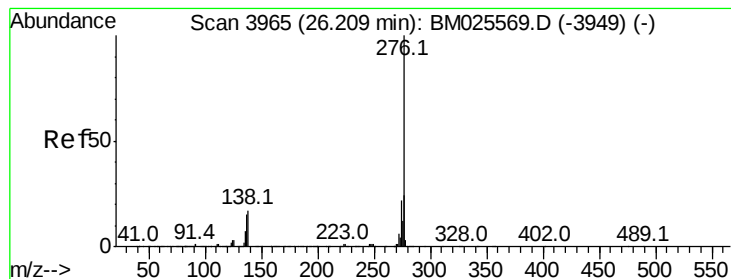
Dibenzo(a,h)anthracene  
Concen: 180.088 ng/ul  
RT: 25.60 min Scan# 3862  
Delta R.T. 0.04 min  
Lab File: BM025572.D  
Acq: 14 Mar 2020 15:18

Tgt Ion:278 Resp:11452212  
Ion Ratio Lower Upper  
278 100  
139 13.5 10.4 15.6  
279 24.4 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 180.100 ng/ul

RT: 26.26 min Scan# 3973

Delta R.T. 0.05 min

Lab File: BM025572.D

Acq: 14 Mar 2020 15:18

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp:11179775

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 17.6  | 13.2  | 19.8  |
| 277 | 23.6  | 19.0  | 28.4  |

