

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\  
 Data File : BM028228.D  
 Acq On : 22 Dec 2020 03:44  
 Operator : JU/CG  
 Sample : L5110-06  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54L7

Quant Time: Dec 22 05:06:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 22 03:04:48 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 195831   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.03 | 136  | 803021   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.83 | 164  | 456136   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.55 | 188  | 886181   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.66 | 240  | 787013   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.03 | 264  | 783266   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.41  | 96  | 34348  | 6.97  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.34  | 99  | 312878 | 18.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.51  | 67  | 191890 | 18.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.72  | 132 | 266729 | 19.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.90  | 113 | 254830 | 18.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.37  | 128 | 125729 | 19.96 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.10 | 143 | 134424 | 20.97 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.64 | 165 | 251549 | 19.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.16 | 131 | 290324 | 18.87 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.23 | 166 | 663049 | 18.87 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.53 | 160 | 852851 | 19.34 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.00 | 143 | 122729 | 19.21 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.81 | 176 | 579400 | 18.43 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.92 | 200 | 101514 | 19.24 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.64 | 188 | 829980 | 18.87 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.90 | 212 | 841840 | 19.18 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.87 | 264 | 813336 | 18.85 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.45  | 88  | 34518  | 6.790  | ng/uL 91  |
| 4) Benzaldehyde                | 7.32  | 77  | 143827 | 18.308 | ng/ul 99  |
| 6) Phenol                      | 7.36  | 94  | 310998 | 18.860 | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.61  | 93  | 255338 | 18.659 | ng/ul 95  |
| 10) 2-Chlorophenol             | 7.76  | 128 | 268792 | 18.930 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.64  | 108 | 237220 | 18.865 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.73  | 45  | 414633 | 17.767 | ng/ul 98  |
| 14) Acetophenone               | 9.03  | 105 | 371098 | 18.380 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 9.02  | 70  | 185745 | 18.288 | ng/ul 95  |
| 16) 4-Methylphenol             | 8.97  | 108 | 254672 | 18.857 | ng/ul 97  |
| 17) Hexachloroethane           | 9.30  | 117 | 114379 | 18.955 | ng/ul 98  |
| 20) Nitrobenzene               | 9.42  | 77  | 290761 | 18.663 | ng/ul 95  |
| 21) Isophorone                 | 9.95  | 82  | 516748 | 19.081 | ng/ul 99  |
| 23) 2-Nitrophenol              | 10.13 | 139 | 144523 | 20.458 | ng/ul 99  |
| 24) 2,4-Dimethylphenol         | 10.18 | 107 | 278599 | 18.591 | ng/ul 98  |
| 25) Bis(2-Chloroethoxy)methane | 10.42 | 93  | 335157 | 18.227 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.67 | 162 | 239598 | 18.978 | ng/ul 98  |
| 28) Naphthalene                | 11.08 | 128 | 848834 | 18.641 | ng/ul 99  |
| 30) 4-Chloroaniline            | 11.18 | 127 | 278625 | 18.789 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 11.36 | 225 | 156325 | 18.713 | ng/ul 99  |
| 32) Caprolactam                | 11.96 | 113 | 71217  | 19.642 | ng/ul 86  |
| 33) 4-Chloro-3-methylphenol    | 12.29 | 107 | 248143 | 18.700 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.67 | 142 | 576089 | 18.577 | ng/ul 99  |

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 QLast Update : Tue Dec 22 03:04:48 2020  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.89 | 142  | 668231   | 18.412 | ng/ul | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216  | 284754   | 19.047 | ng/ul | 96       |
| 38) Hexachlorocyclopentadiene  | 13.01 | 237  | 160561   | 17.727 | ng/ul | 100      |
| 39) 2,4,6-Trichlorophenol      | 13.27 | 196  | 181450   | 19.945 | ng/ul | 98       |
| 40) 2,4,5-Trichlorophenol      | 13.34 | 196  | 193353   | 19.634 | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 13.67 | 154  | 724121   | 18.838 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.72 | 162  | 568594   | 18.902 | ng/ul | 100      |
| 43) 2-Nitroaniline             | 13.91 | 65   | 156530   | 19.449 | ng/ul | 94       |
| 45) Dimethylphthalate          | 14.27 | 163  | 667891   | 18.600 | ng/ul | 100      |
| 46) 2,6-Dinitrotoluene         | 14.40 | 165  | 140721   | 20.614 | ng/ul | 97       |
| 48) Acenaphthylene             | 14.55 | 152  | 857640   | 19.191 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.72 | 138  | 116324   | 18.936 | ng/ul | 92       |
| 50) Acenaphthene               | 14.89 | 153  | 601075   | 18.739 | ng/ul | 99       |
| 51) 2,4-Dinitrophenol          | 14.93 | 184  | 71012    | 18.597 | ng/ul | 99       |
| 53) 4-Nitrophenol              | 15.02 | 109  | 90058    | 18.112 | ng/ul | 97       |
| 54) Dibenzofuran               | 15.22 | 168  | 805084   | 18.339 | ng/ul | 97       |
| 55) 2,4-Dinitrotoluene         | 15.17 | 165  | 194046   | 19.741 | ng/ul | 96       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.44 | 232  | 163015   | 19.929 | ng/ul | 99       |
| 57) Diethylphthalate           | 15.62 | 149  | 675440   | 18.495 | ng/ul | 97       |
| 59) Fluorene                   | 15.86 | 166  | 669161   | 18.255 | ng/ul | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 327451   | 18.334 | ng/ul | 99       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 105331   | 16.691 | ng/ul | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.93 | 198  | 109501   | 19.244 | ng/ul | 99       |
| 65) N-Nitrosodiphenylamine     | 16.06 | 169  | 553605   | 19.204 | ng/ul | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.74 | 248  | 197766   | 19.495 | ng/ul | 97       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 222851   | 19.209 | ng/ul | 98       |
| 68) Atrazine                   | 17.00 | 200  | 190334   | 19.669 | ng/ul | 99       |
| 69) Pentachlorophenol          | 17.20 | 266  | 129249   | 19.744 | ng/ul | 99       |
| 70) Phenanthrene               | 17.59 | 178  | 1006248  | 18.756 | ng/ul | 99       |
| 72) Anthracene                 | 17.68 | 178  | 1034687  | 18.952 | ng/ul | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.64 | 216  | 278660   | 19.870 | ng/ul | 98       |
| 74) Pentachlorobenzene         | 15.14 | 250  | 266341   | 19.524 | ng/ul | 99       |
| 75) Carbazole                  | 17.94 | 167  | 866559   | 19.028 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 18.48 | 149  | 1111434  | 19.826 | ng/ul | 99       |
| 77) Fluoranthene               | 19.57 | 202  | 1085548  | 19.171 | ng/ul | 99       |
| 80) Pvrene                     | 19.93 | 202  | 1114996  | 18.800 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.79 | 149  | 474570   | 21.317 | ng/ul | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 275097   | 18.250 | ng/ul | 99       |
| 83) Benzo(a)anthracene         | 21.64 | 228  | 988854   | 18.745 | ng/ul | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 695522   | 22.016 | ng/ul | 99       |
| 85) Chrysene                   | 21.70 | 228  | 967114   | 18.654 | ng/ul | 99       |
| 87) Di-n-octyl phthalate       | 22.46 | 149  | 1141866  | 20.247 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 23.30 | 252  | 1002594  | 18.931 | ng/ul | 98       |
| 89) Benzo(k)fluoranthene       | 23.36 | 252  | 922330   | 17.560 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 23.92 | 252  | 880296   | 18.442 | ng/ul | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 26.46 | 276  | 1059591  | 19.437 | ng/ul | 99       |
| 93) Dibenzo(a,h)anthracene     | 26.46 | 278  | 897356   | 19.420 | ng/ul | 98       |
| 94) Benzo(a,h,i)perylene       | 27.20 | 276  | 895188   | 19.553 | ng/ul | 99       |

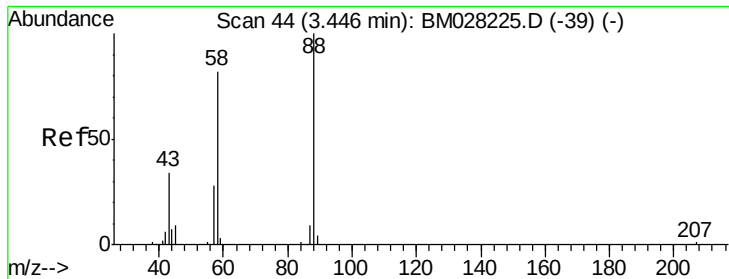
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\  
Data File : BM028228.D  
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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration

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





#2

1,4-Dioxane

Concen: 6.790 ng/uL

RT: 3.45 min Scan# 44

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

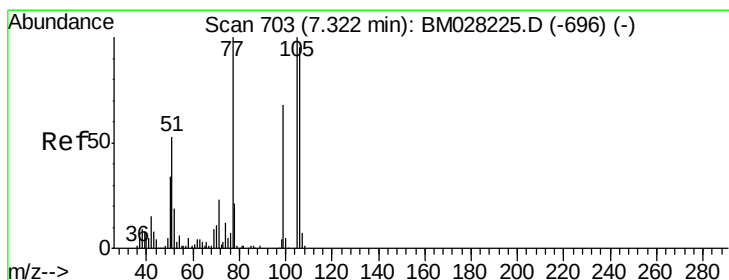
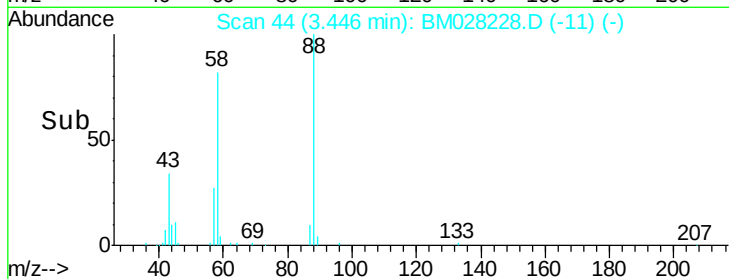
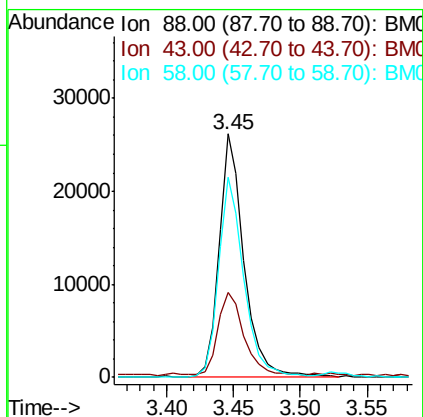
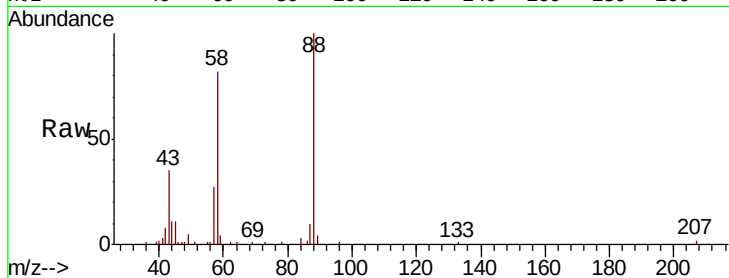
Tot Ion: 88 Resp: 34518

Ion Ratio Lower Upper

88 100

43 34.7 31.6 47.4

58 82.1 72.3 108.5



#4

Benzaldehyde

Concen: 18.308 ng/uL

RT: 7.32 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

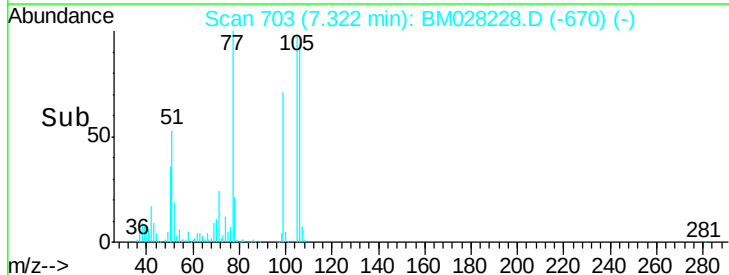
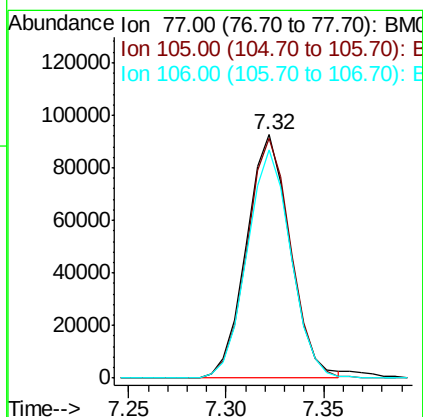
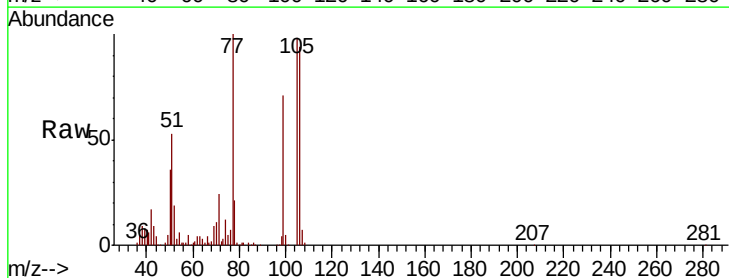
Tgt Ion: 77 Resp: 143827

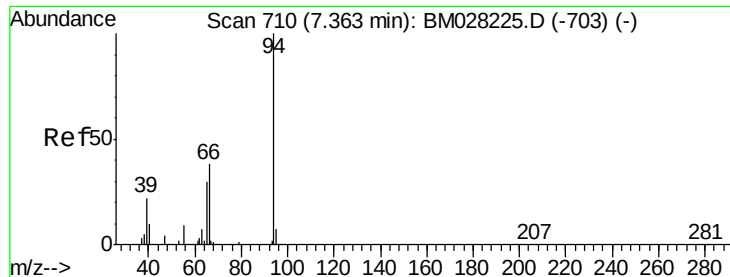
Ion Ratio Lower Upper

77 100

105 98.3 77.8 116.6

106 93.6 76.2 114.2





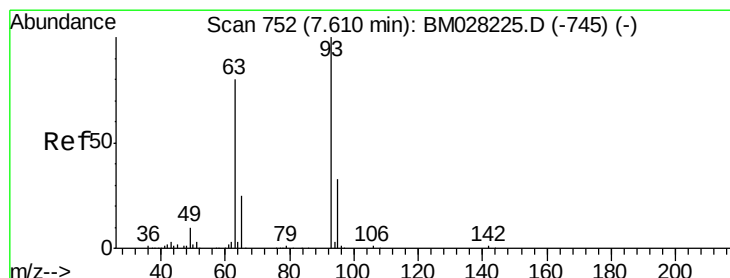
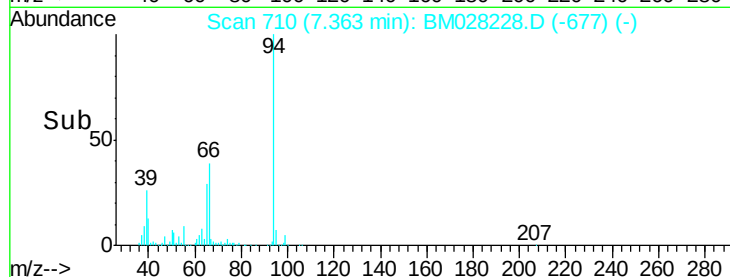
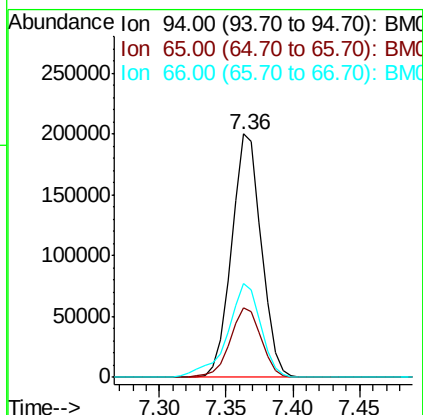
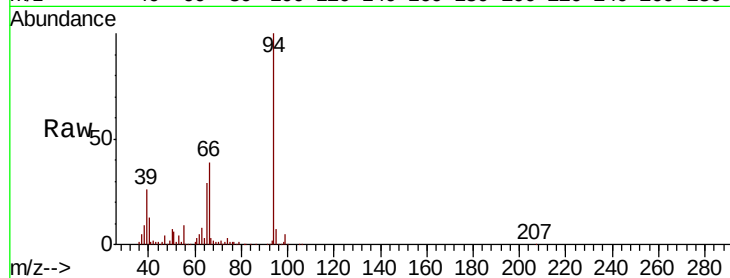
#6

Phenol

Concen: 18.860 ng/ul  
 RT: 7.36 min Scan# 710  
 Delta R.T. -0.01 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54L7

Tot Ion: 94 Resp: 310998  
 Ion Ratio Lower Upper  
 94 100  
 65 28.7 25.4 38.0  
 66 38.6 31.5 47.3

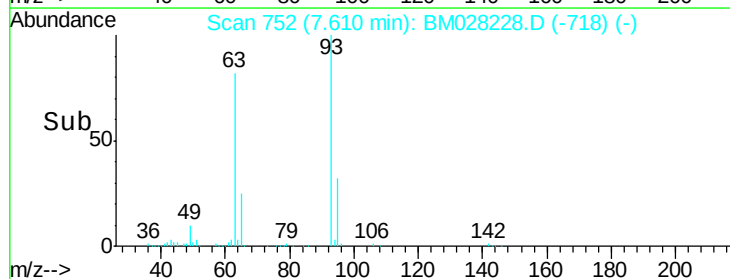
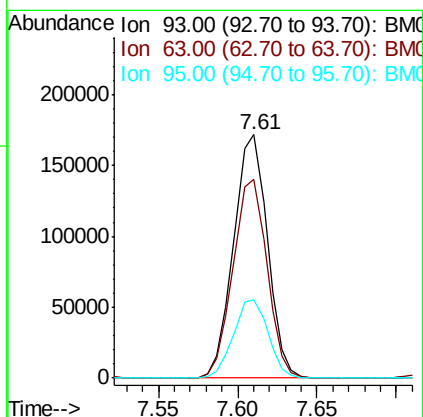
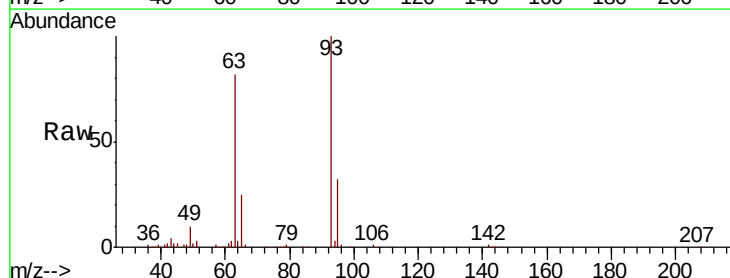


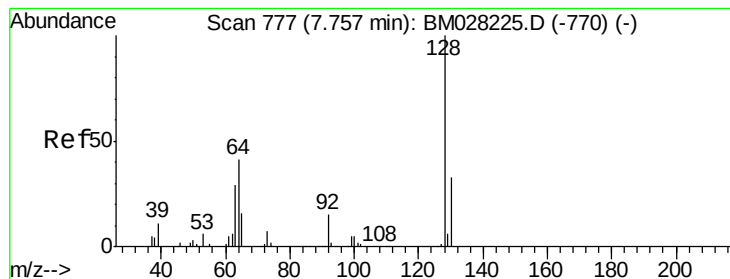
#8

Bis(2-Chloroethyl)ether

Concen: 18.659 ng/ul  
 RT: 7.61 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

Tgt Ion: 93 Resp: 255338  
 Ion Ratio Lower Upper  
 93 100  
 63 81.5 69.6 104.4  
 95 32.5 27.6 41.4

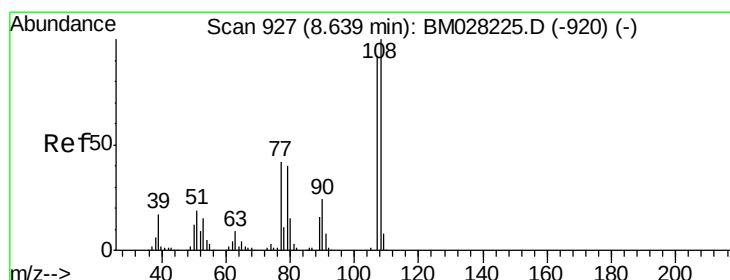
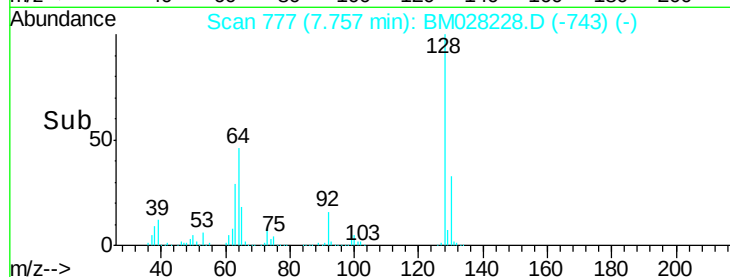
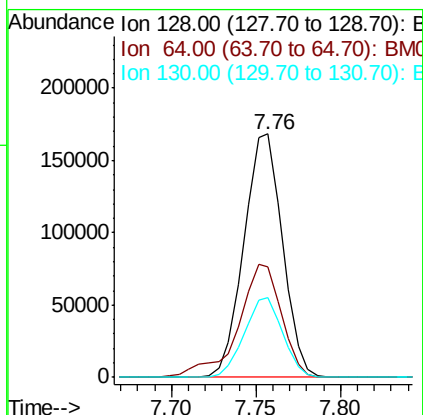
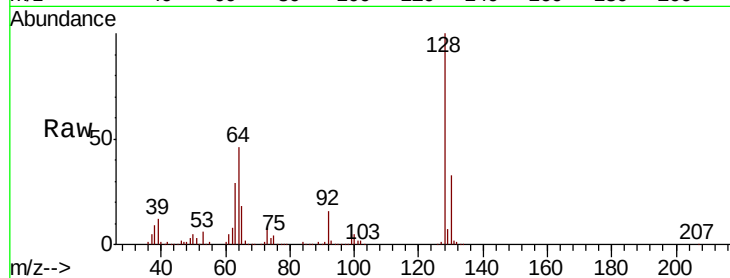




#10  
2-Chlorophenol  
Concen: 18.930 ng/ul  
RT: 7.76 min Scan# 777  
Delta R.T. 0.00 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

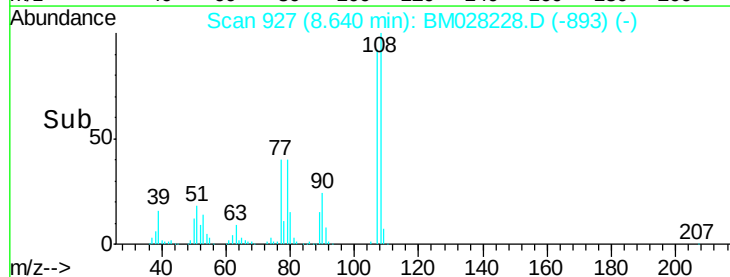
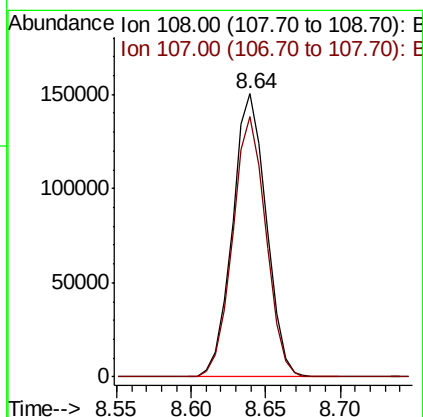
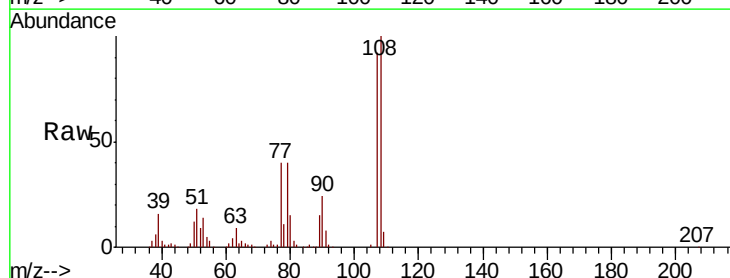
Instrument :  
BNA\_M  
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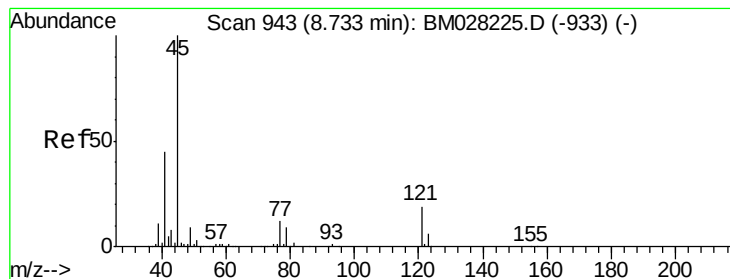
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 45.6  | 37.4  | 56.0  |
| 130     | 32.9  | 25.8  | 38.6  |



#11  
2-Methylphenol  
Concen: 18.865 ng/ul  
RT: 8.64 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 92.0  | 71.1  | 106.7 |





#12

2,2'-oxybis(1-Chloropropane)

Concen: 17.767 ng/ul

RT: 8.73 min Scan# 943

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

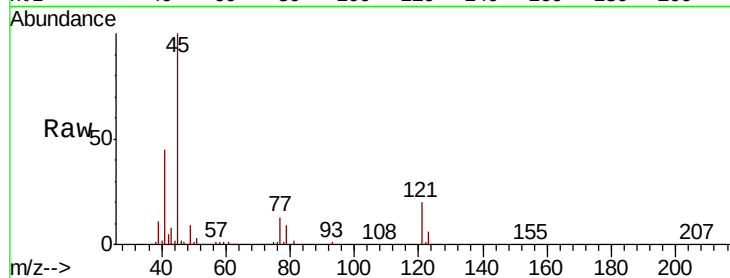
Tot Ion: 45 Resp: 414633

Ion Ratio Lower Upper

45 100

77 12.5 9.1 13.7

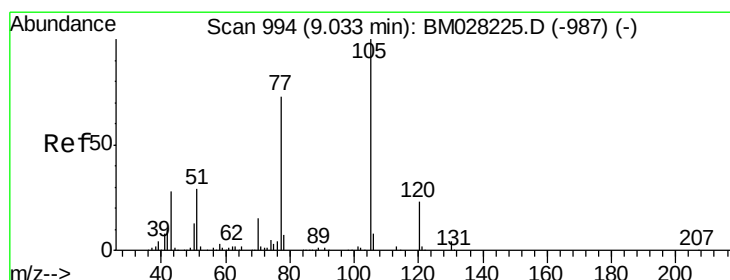
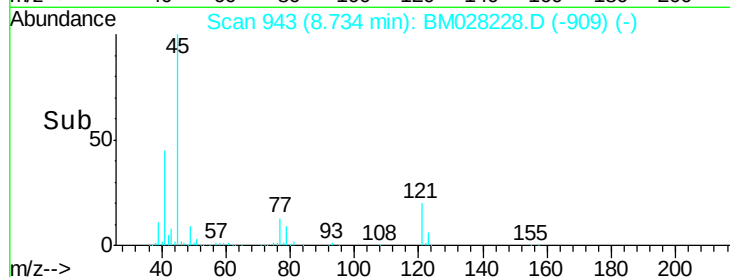
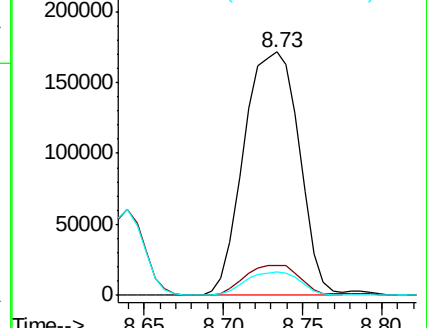
79 9.5 7.3 10.9



Abundance Ion 45.00 (44.70 to 45.70): BM028228.D (-909) (-)

Ion 77.00 (76.70 to 77.70): BM028228.D (-909) (-)

Ion 79.00 (78.70 to 79.70): BM028228.D (-909) (-)



#14

Acetophenone

Concen: 18.380 ng/ul

RT: 9.03 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

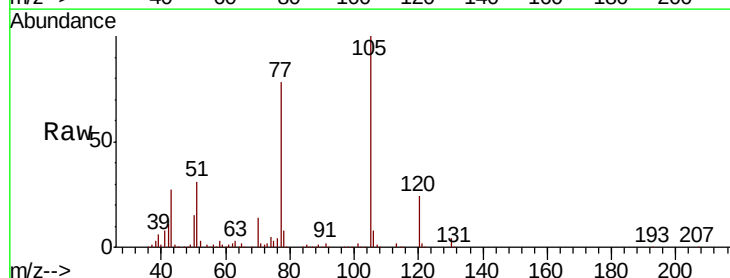
Tgt Ion: 105 Resp: 371098

Ion Ratio Lower Upper

105 100

77 77.6 62.2 93.4

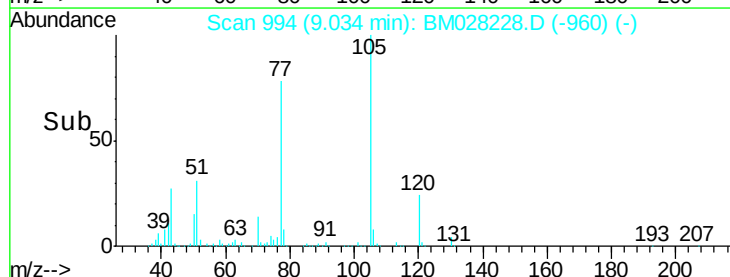
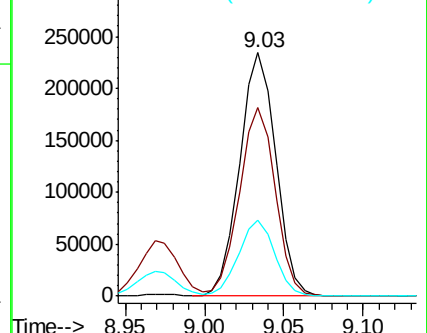
51 31.4 26.2 39.2



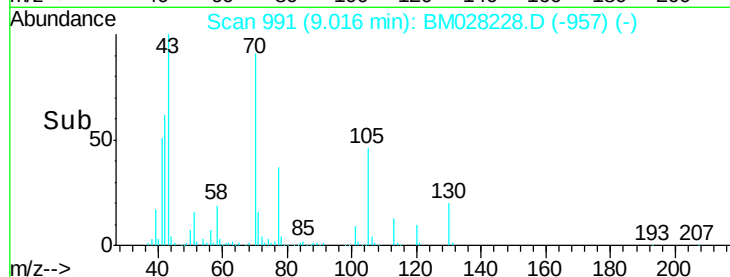
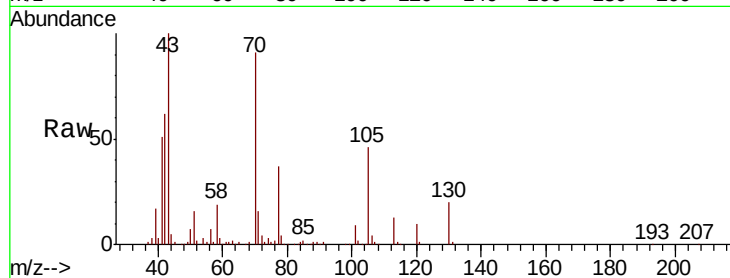
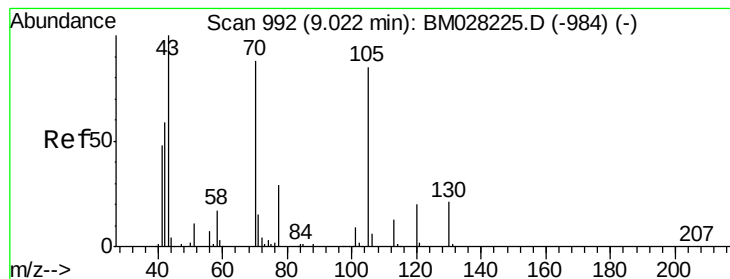
Abundance Ion 105.00 (104.70 to 105.70): BM028228.D (-960) (-)

Ion 77.00 (76.70 to 77.70): BM028228.D (-960) (-)

Ion 51.00 (50.70 to 51.70): BM028228.D (-960) (-)







#15

N-Nitroso-di-n-propylamine

Concen: 18.288 ng/ul

RT: 9.02 min Scan# 991

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

Tot Ion: 70 Resp: 185745

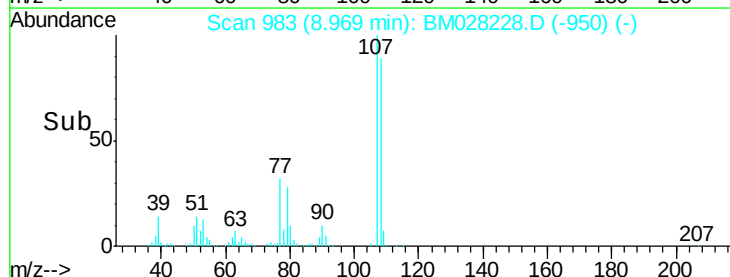
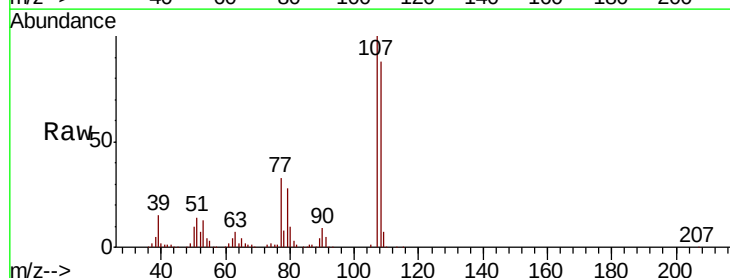
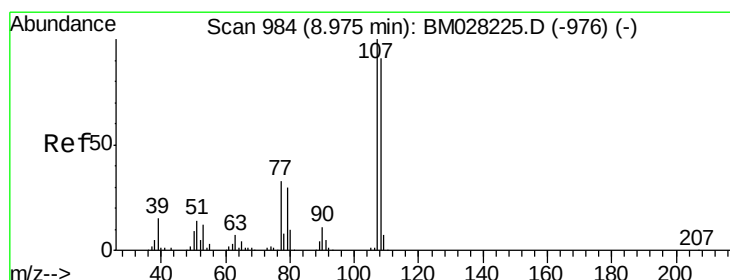
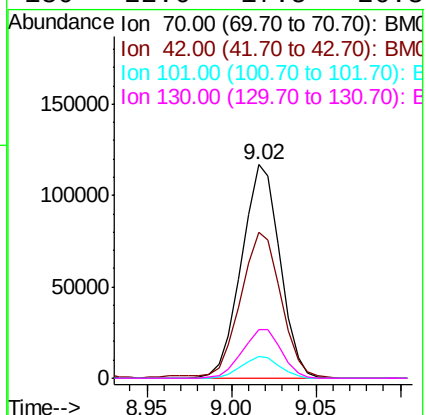
Ion Ratio Lower Upper

70 100

42 68.3 59.4 89.2

101 10.0 8.1 12.1

130 22.6 17.5 26.3



#16

4-Methylphenol

Concen: 18.857 ng/ul

RT: 8.97 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM028228.D

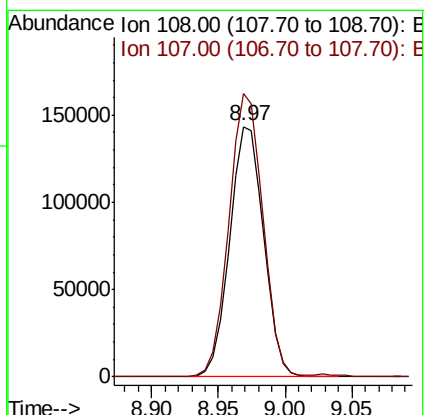
Acq: 22 Dec 2020 03:44

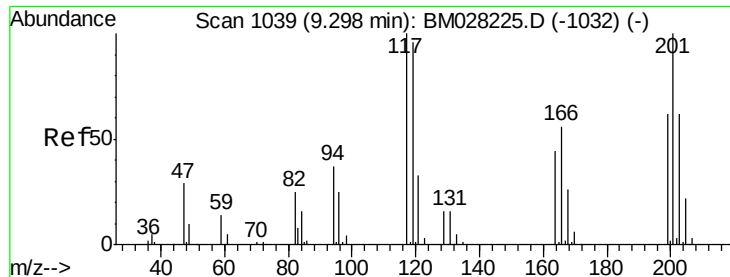
Tgt Ion: 108 Resp: 254672

Ion Ratio Lower Upper

108 100

107 113.2 88.1 132.1





#17

Hexachloroethane

Concen: 18.955 ng/ul

RT: 9.30 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

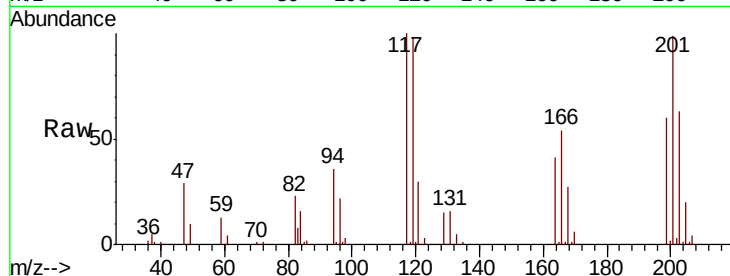
Tot Ion:117 Resp: 114379

Ion Ratio Lower Upper

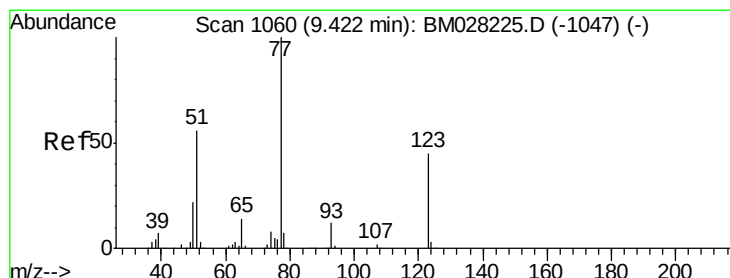
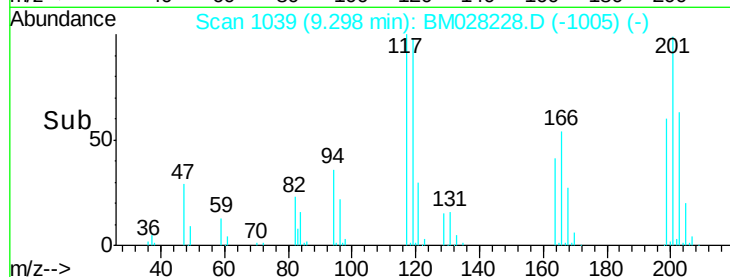
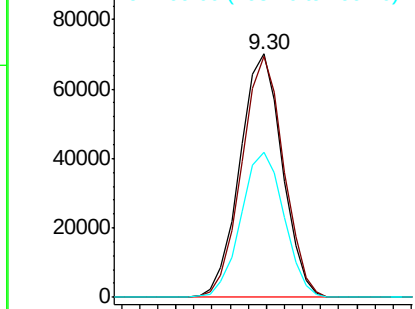
117 100

201 99.0 77.8 116.8

199 59.8 47.1 70.7



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: 18.663 ng/ul

RT: 9.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

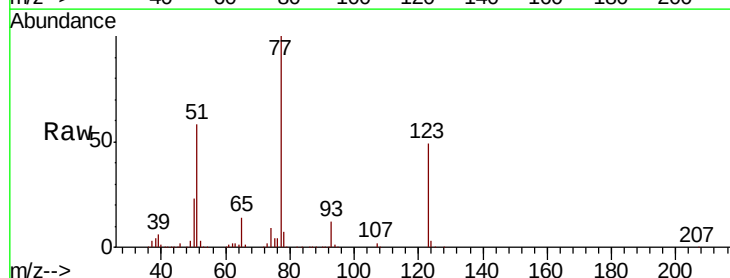
Tgt Ion: 77 Resp: 290761

Ion Ratio Lower Upper

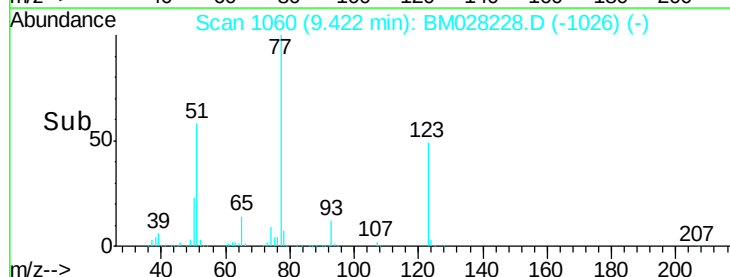
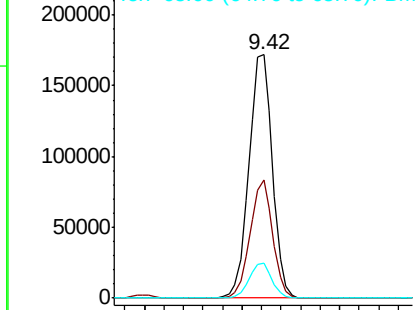
77 100

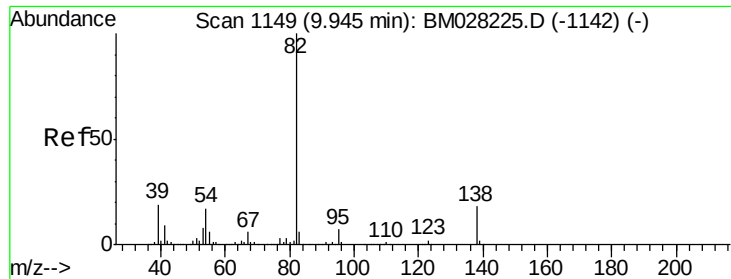
123 48.7 35.3 52.9

65 14.3 11.4 17.2



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: 19.081 ng/ul

RT: 9.95 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

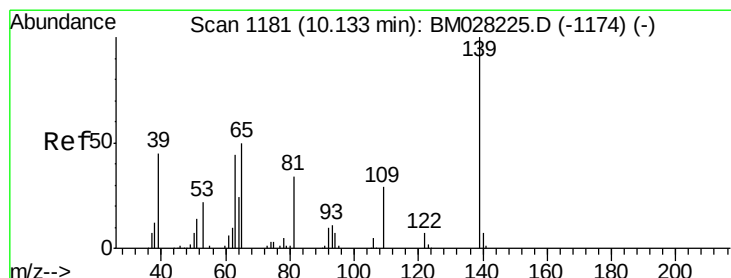
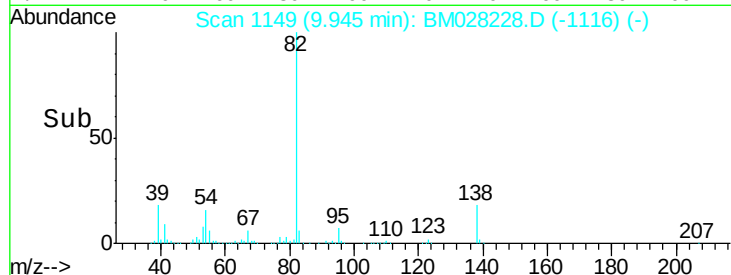
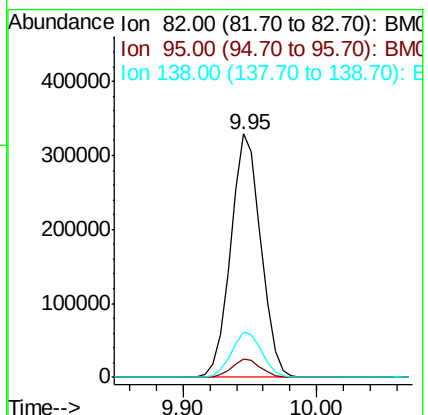
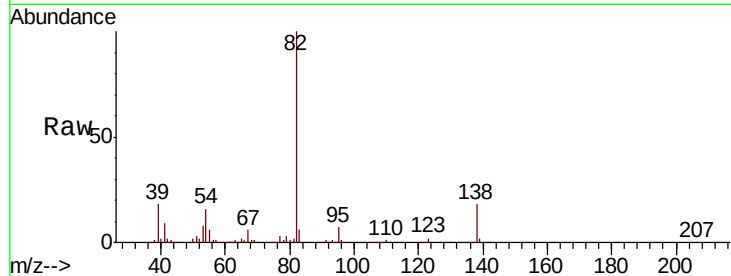
Tot Ion: 82 Resp: 516748

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

138 18.3 15.1 22.7



#23

2-Nitrophenol

Concen: 20.458 ng/ul

RT: 10.13 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

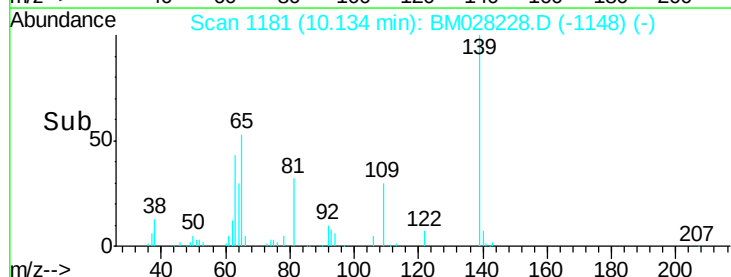
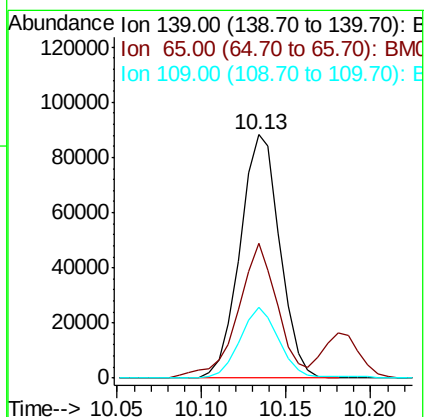
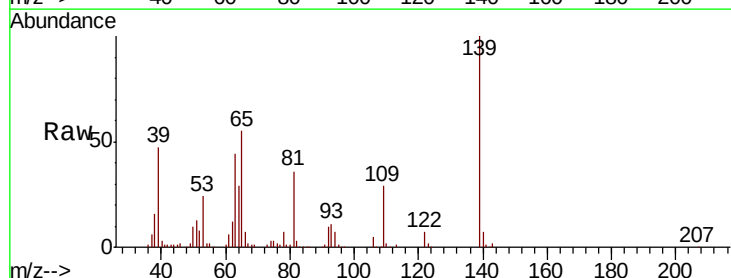
Tgt Ion: 139 Resp: 144523

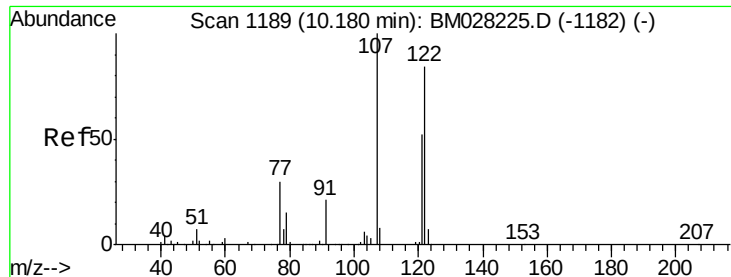
Ion Ratio Lower Upper

139 100

65 55.1 43.0 64.6

109 29.3 23.8 35.6

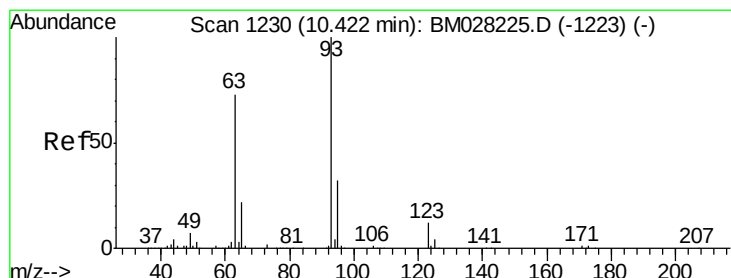
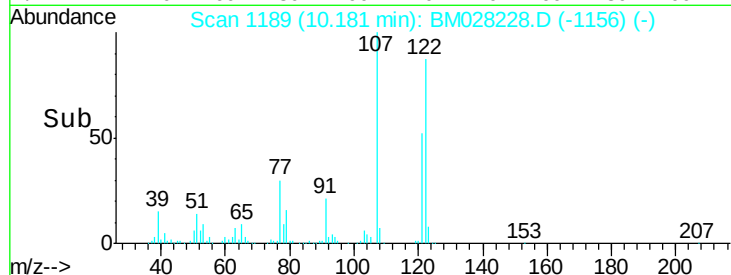
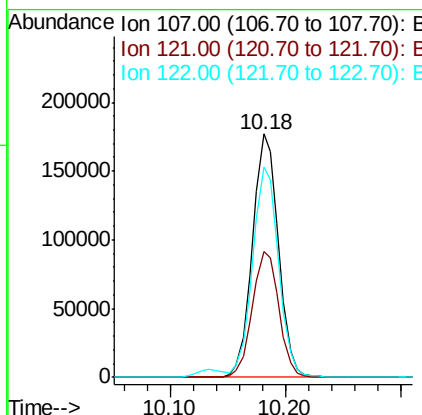
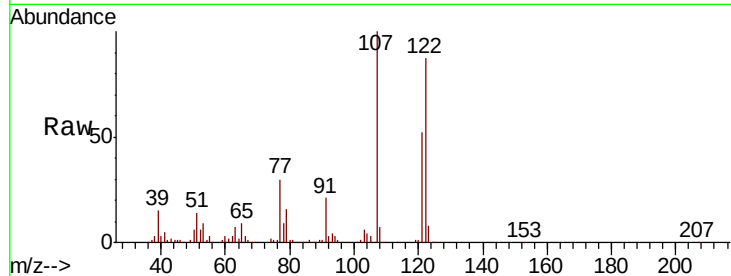




#24  
 2,4-Dimethylphenol  
 Concen: 18.591 ng/ul  
 RT: 10.18 min Scan# 1189  
 Delta R.T. -0.01 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

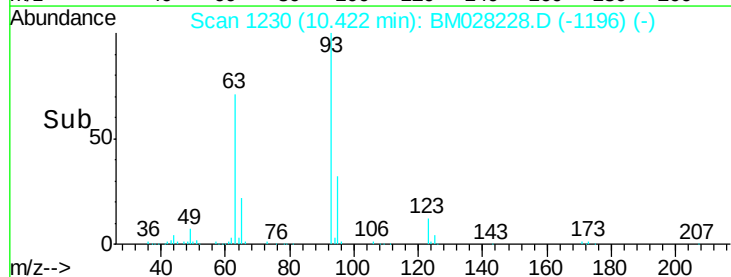
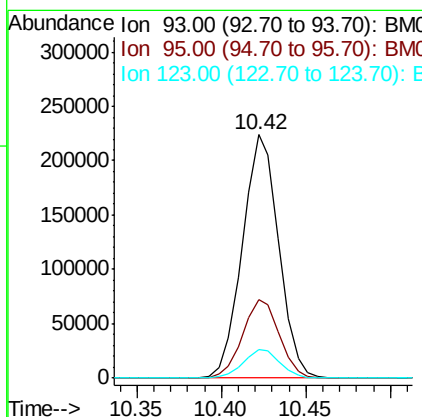
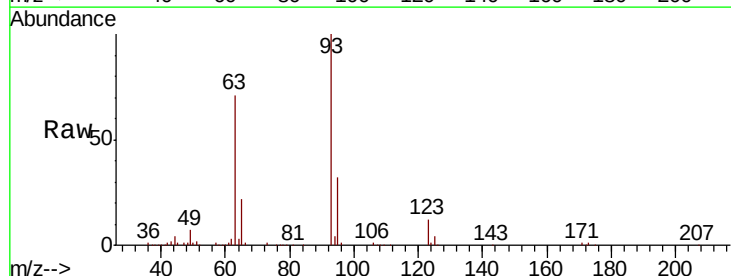
Instrument :  
 BNA\_M  
 ClientSampled :  
 A54L7

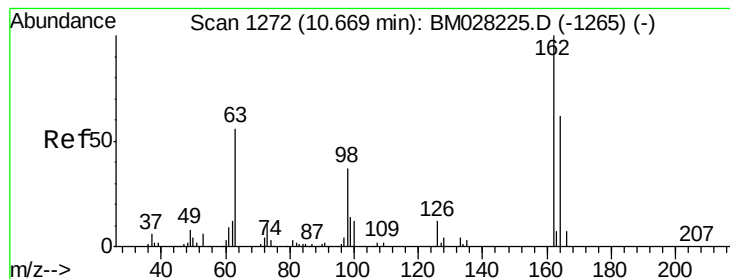
Tot Ion:107 Resp: 278599  
 Ion Ratio Lower Upper  
 107 100  
 121 51.8 39.7 59.5  
 122 86.6 68.3 102.5



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 18.227 ng/ul  
 RT: 10.42 min Scan# 1230  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

Tgt Ion: 93 Resp: 335157  
 Ion Ratio Lower Upper  
 93 100  
 95 32.3 25.0 37.6  
 123 11.6 9.2 13.8





#27

2,4-Dichlorophenol

Concen: 18.978 ng/ul

RT: 10.67 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

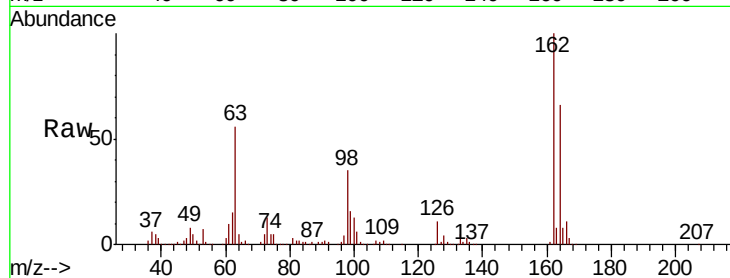
Tot Ion:162 Resp: 239598

Ion Ratio Lower Upper

162 100

164 66.4 52.2 78.2

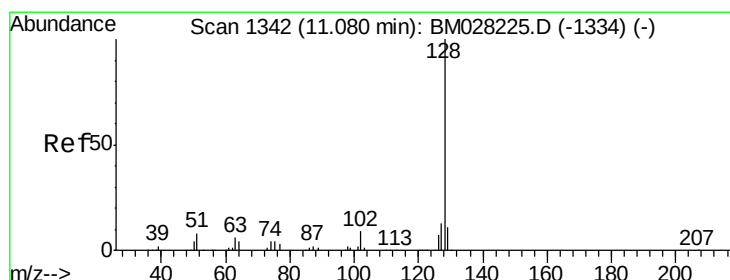
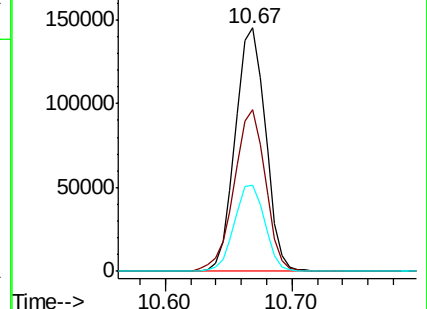
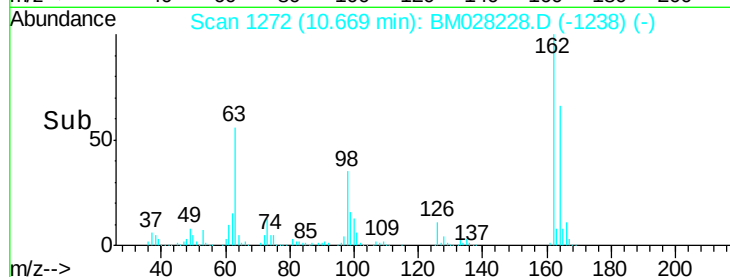
98 35.3 29.3 43.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 18.641 ng/ul

RT: 11.08 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

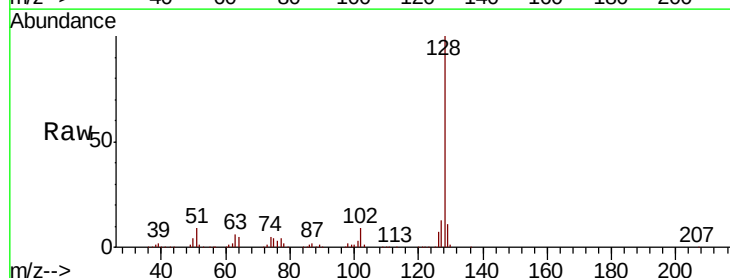
Tgt Ion:128 Resp: 848834

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

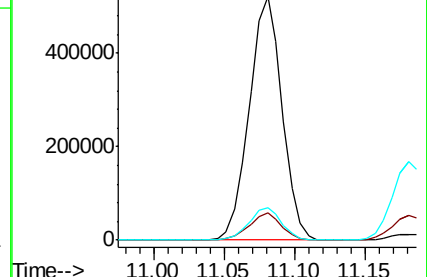
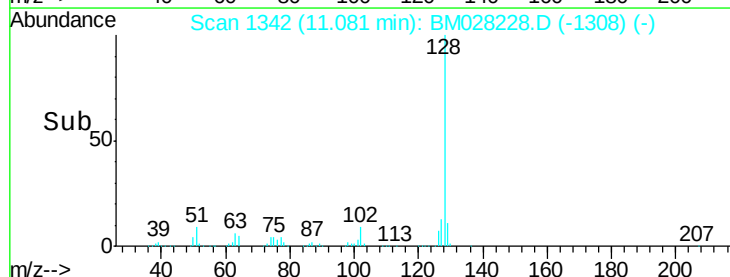
127 13.1 10.2 15.4

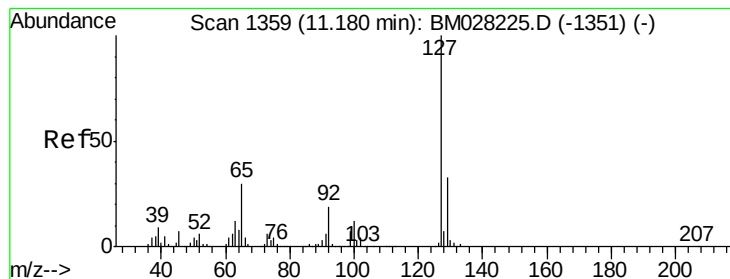


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 18.789 ng/ul

RT: 11.18 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

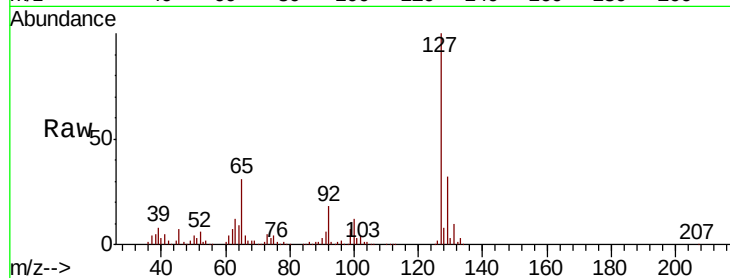
A54L7

Tot Ion:127 Resp: 278625

Ion Ratio Lower Upper

127 100

129 31.9 25.6 38.4



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

11.18

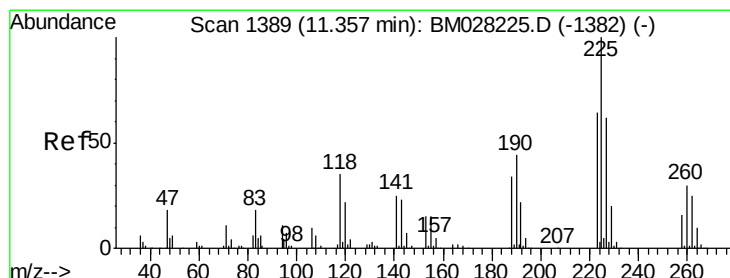
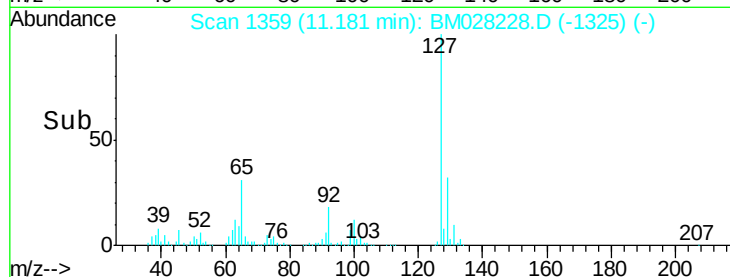
150000

100000

50000

0

Time-->



#31

Hexachlorobutadiene

Concen: 18.713 ng/ul

RT: 11.36 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

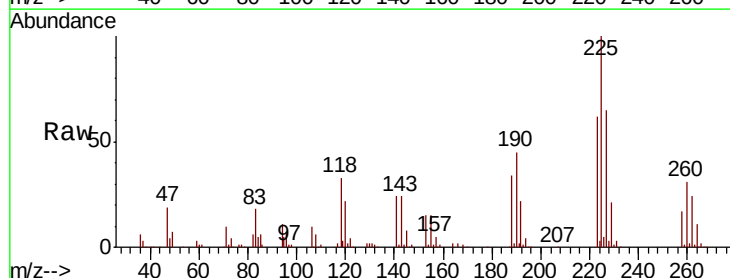
Tgt Ion:225 Resp: 156325

Ion Ratio Lower Upper

225 100

223 62.0 49.9 74.9

227 65.5 51.2 76.8



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

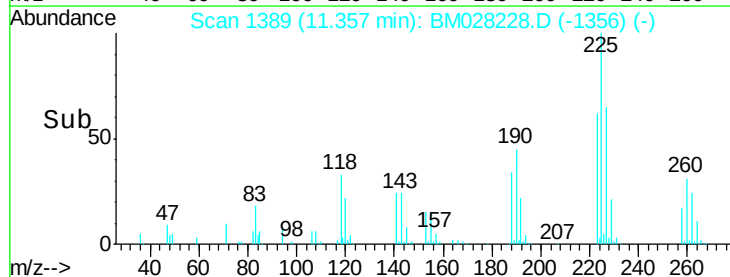
11.36

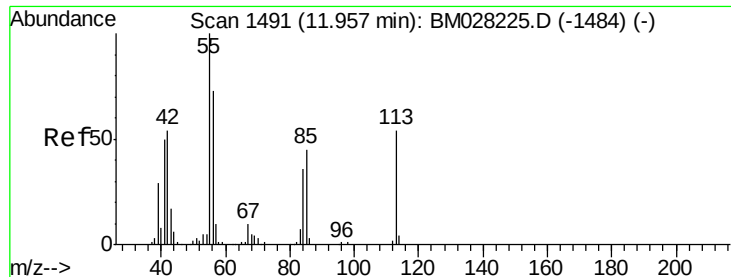
100000

50000

0

Time-->





#32

Caprolactam

Concen: 19.642 ng/ul

RT: 11.96 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

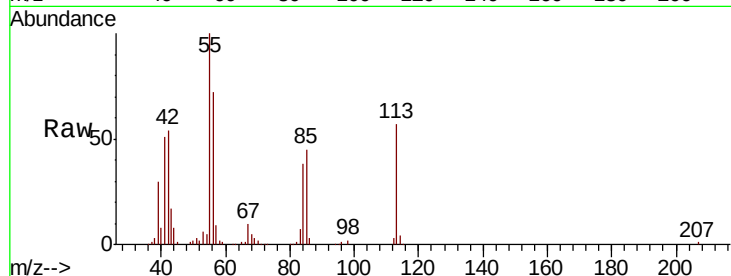
Tot Ion:113 Resp: 71217

Ion Ratio Lower Upper

113 100

55 175.3 156.9 235.3

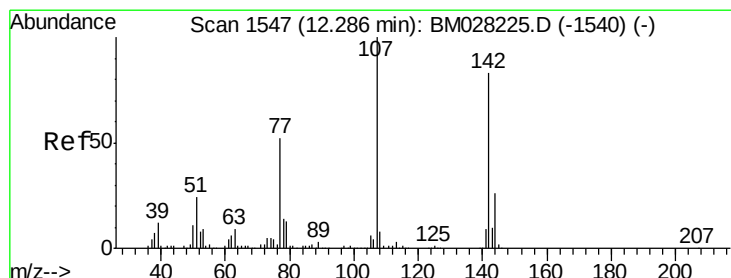
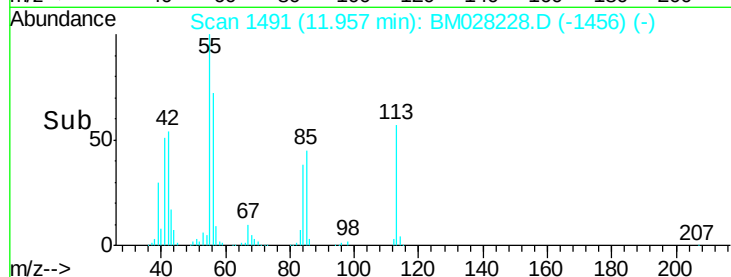
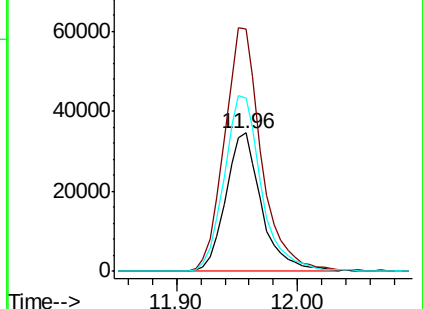
56 125.4 114.6 171.8



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



#33

4-Chloro-3-methylphenol

Concen: 18.700 ng/ul

RT: 12.29 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

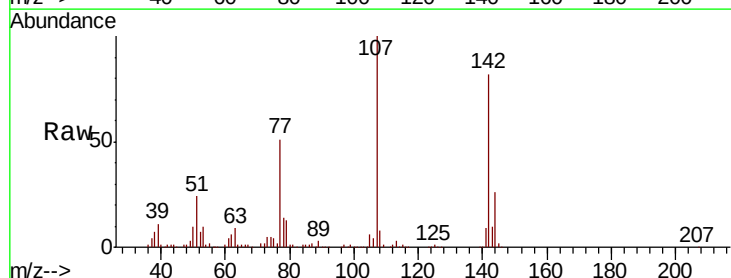
Tgt Ion:107 Resp: 248143

Ion Ratio Lower Upper

107 100

144 26.4 21.8 32.8

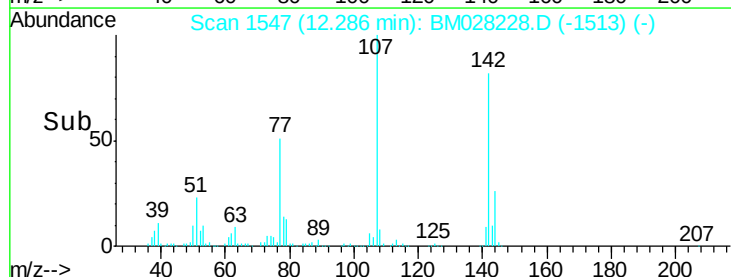
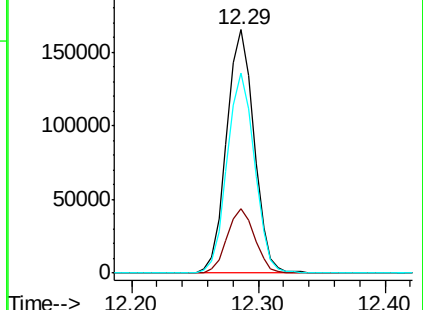
142 81.9 65.8 98.8

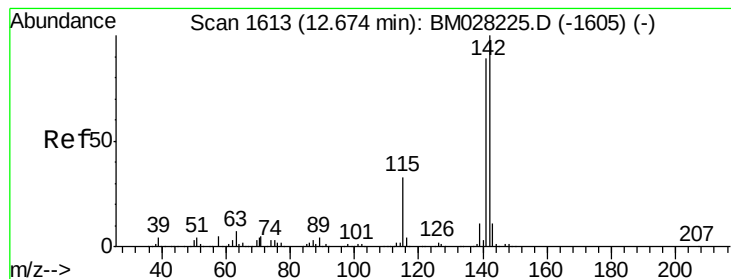


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 18.577 ng/ul

RT: 12.67 min Scan# 1613

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

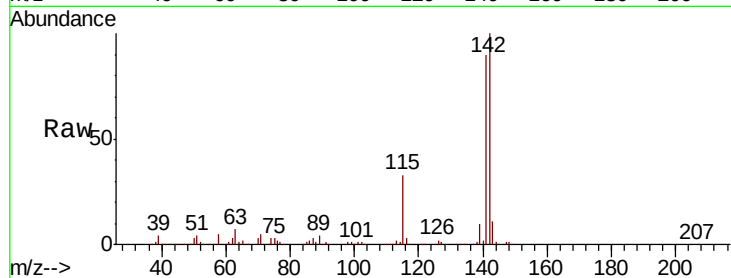
A54L7

Tot Ion:142 Resp: 576089

Ion Ratio Lower Upper

142 100

141 89.5 72.4 108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.67

400000

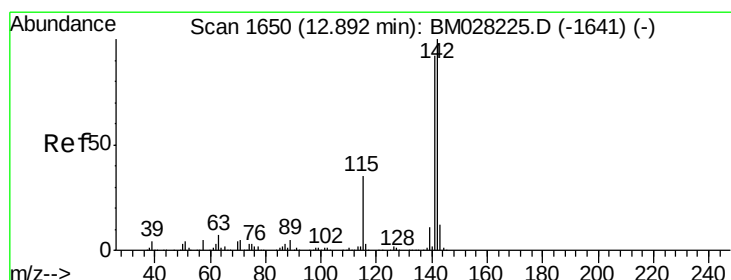
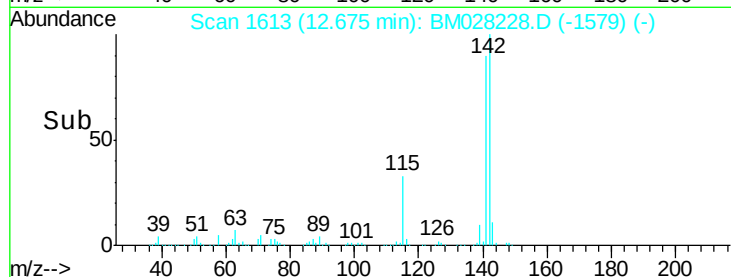
300000

200000

100000

0

Time-->



#35

1-Methylnaphthalene

Concen: 18.412 ng/ul

RT: 12.89 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BM028228.D

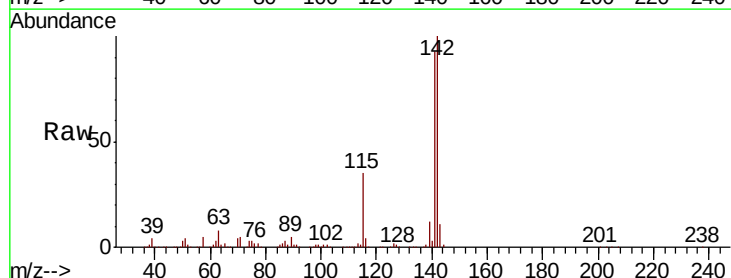
Acq: 22 Dec 2020 03:44

Tgt Ion:142 Resp: 668231

Ion Ratio Lower Upper

142 100

141 93.4 73.9 110.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89

500000

400000

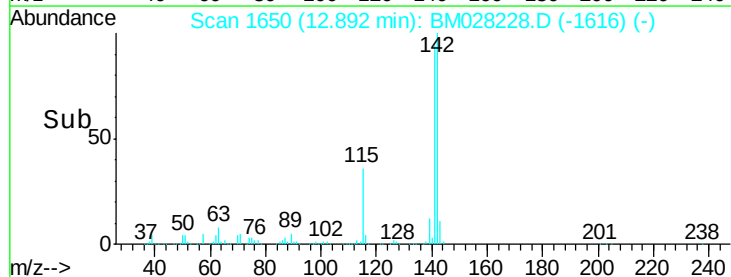
300000

200000

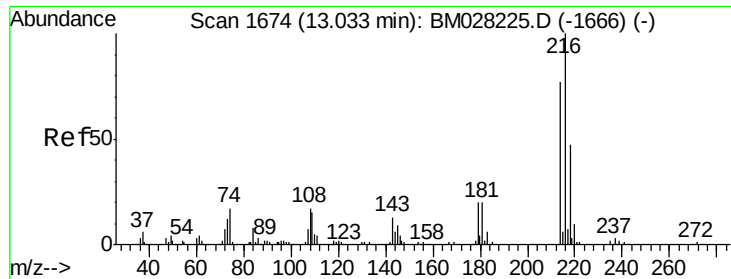
100000

0

Time-->



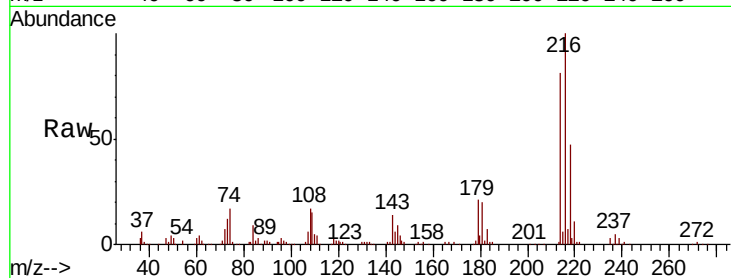




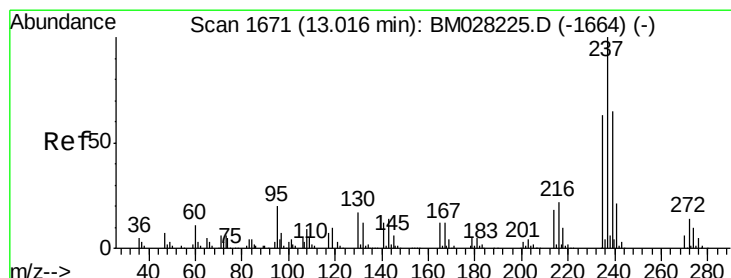
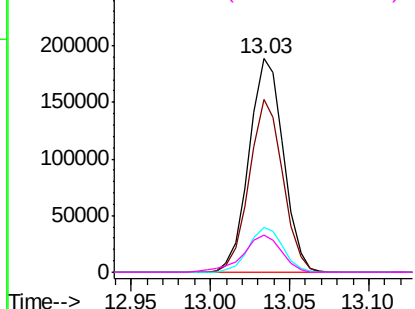
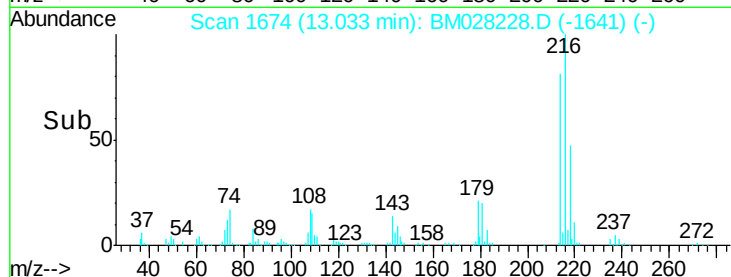
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.047 ng/ul  
 RT: 13.03 min Scan# 1674  
 Delta R.T. -0.01 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54L7

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 284754 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 81.0  | 60.9  | 91.3   |
| 179      | 21.0  | 17.0  | 25.6   |
| 108      | 17.3  | 13.8  | 20.6   |

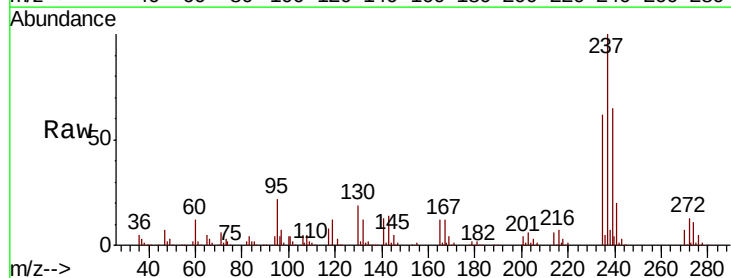


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

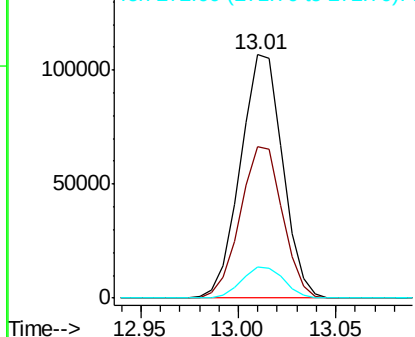
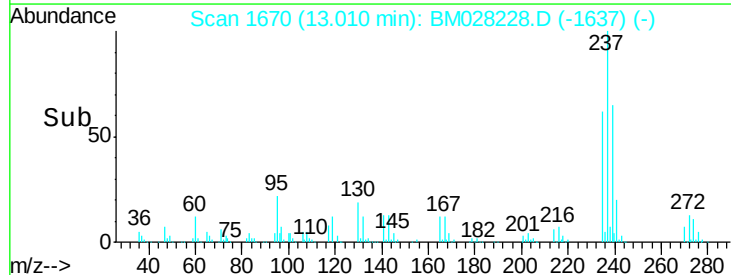


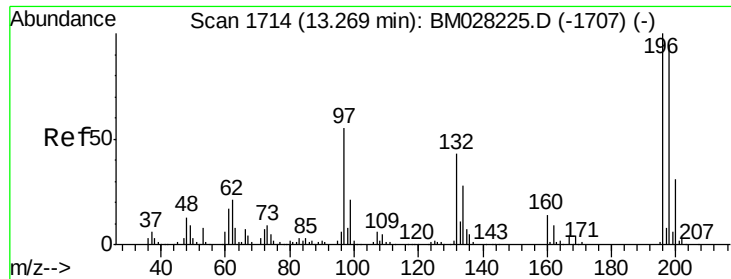
#38  
 Hexachlorocyclopentadiene  
 Concen: 17.727 ng/ul  
 RT: 13.01 min Scan# 1670  
 Delta R.T. -0.01 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 160561 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.3  | 50.0  | 75.0   |
| 272      | 13.0  | 10.6  | 16.0   |



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

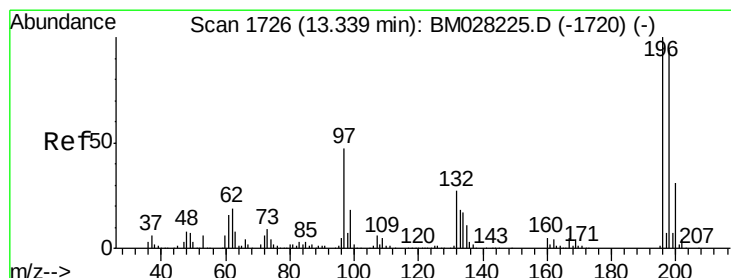
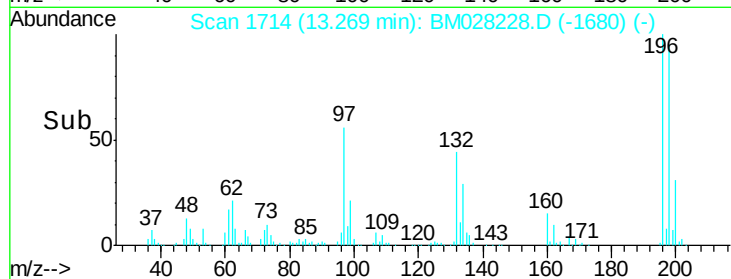
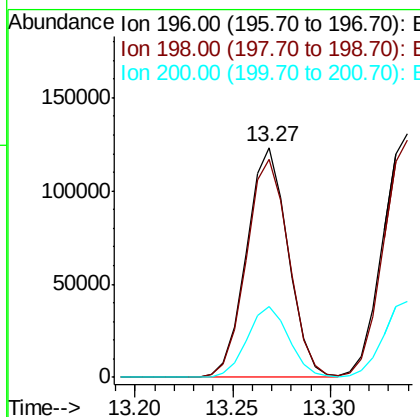
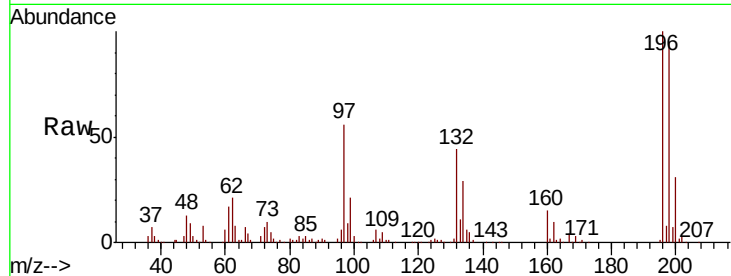




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.945 ng/ul  
 RT: 13.27 min Scan# 1714  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

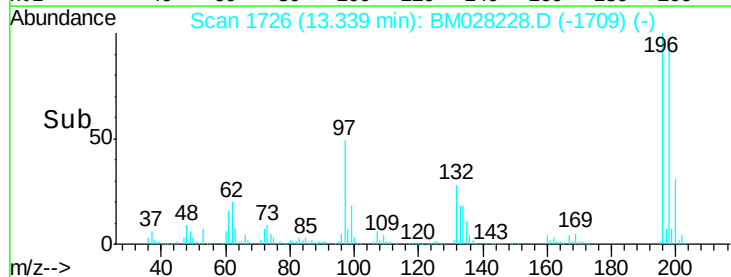
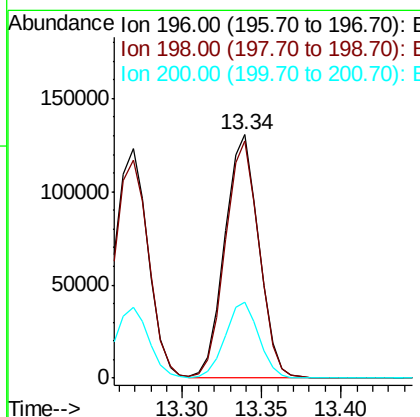
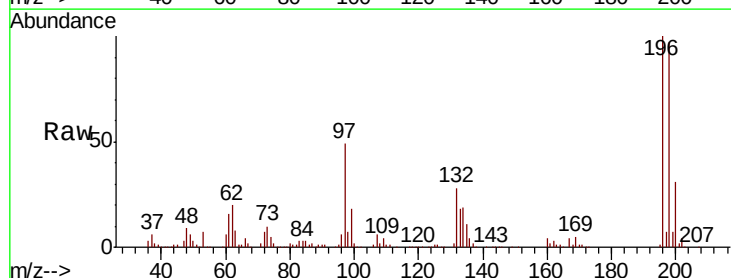
Instrument :  
 BNA\_M  
 ClientSampled :  
 A54L7

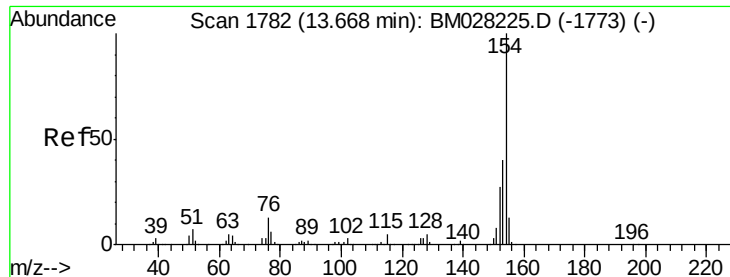
Tot Ion:196 Resp: 181450  
 Ion Ratio Lower Upper  
 196 100  
 198 95.0 74.2 111.2  
 200 30.8 23.5 35.3



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.634 ng/ul  
 RT: 13.34 min Scan# 1726  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

Tgt Ion:196 Resp: 193353  
 Ion Ratio Lower Upper  
 196 100  
 198 97.4 77.0 115.6  
 200 31.4 24.5 36.7

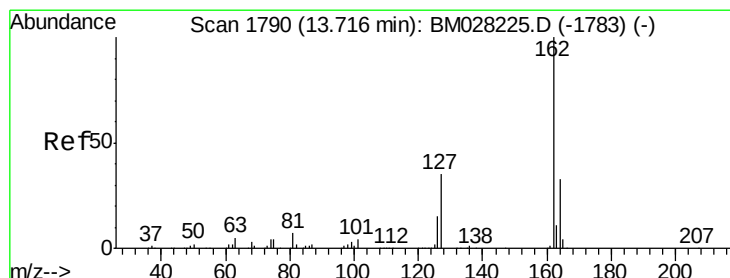
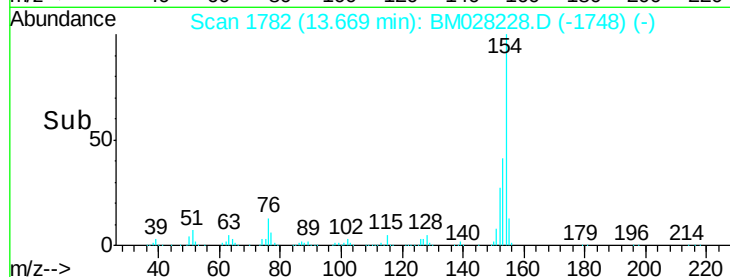
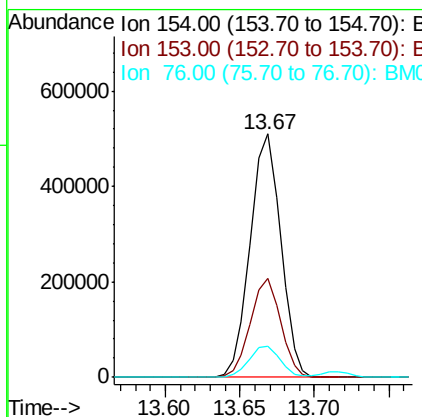
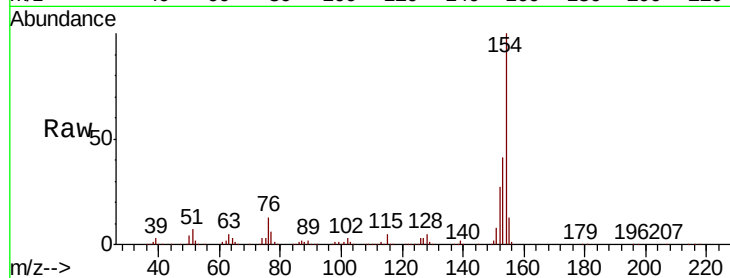




#41  
 1,1'-Biphenyl  
 Concen: 18.838 ng/ul  
 RT: 13.67 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

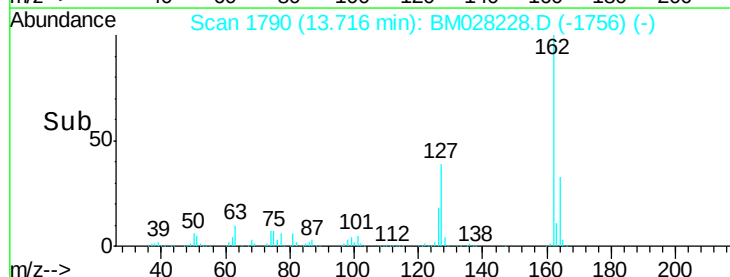
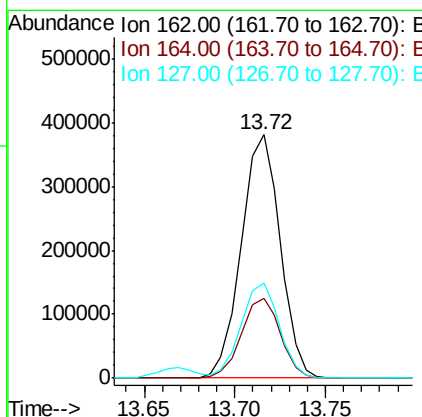
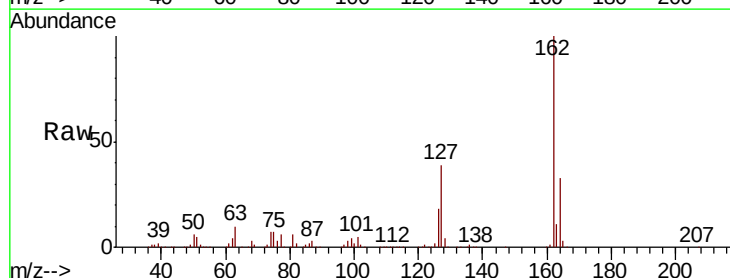
Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54L7

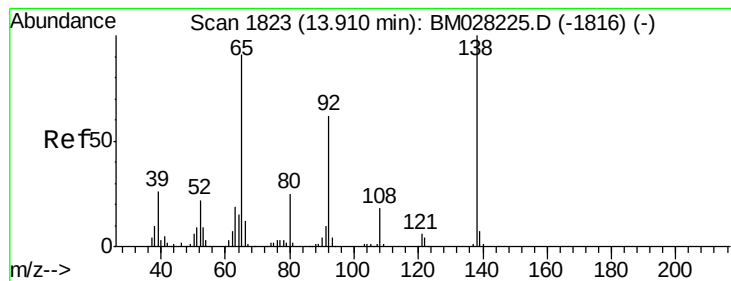
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 32.1  | 48.1  |
| 76      | 12.6  | 10.1  | 15.1  |



#42  
 2-Chloronaphthalene  
 Concen: 18.902 ng/ul  
 RT: 13.72 min Scan# 1790  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.8  | 26.6  | 39.8  |
| 127     | 39.0  | 31.3  | 46.9  |





#43

2-Nitroaniline

Concen: 19.449 ng/ul

RT: 13.91 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

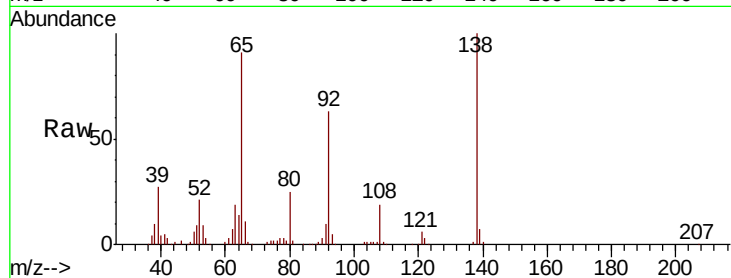
Tot Ion: 65 Resp: 156530

Ion Ratio Lower Upper

65 100

92 69.0 54.1 81.1

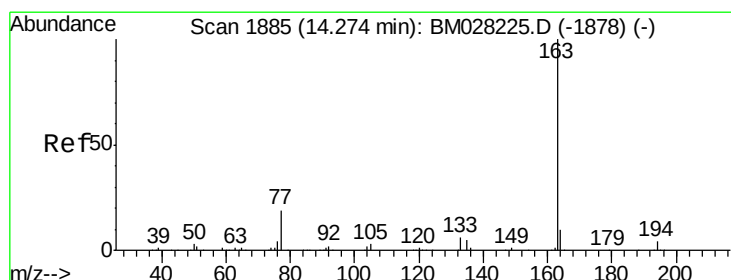
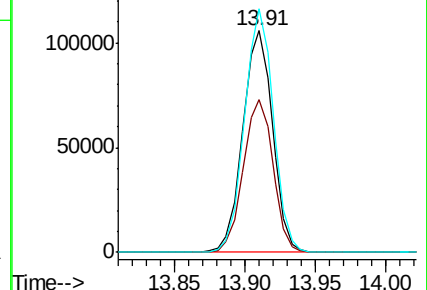
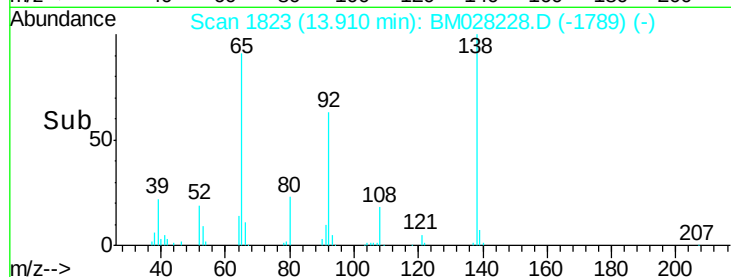
138 109.9 80.9 121.3



Abundance Ion 65.00 (64.70 to 65.70): BM028228.D (-1789) (-)

Ion 92.00 (91.70 to 92.70): BM028228.D (-1789) (-)

Ion 138.00 (137.70 to 138.70): BM028228.D (-1789) (-)



#45

Dimethylphthalate

Concen: 18.600 ng/ul

RT: 14.27 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

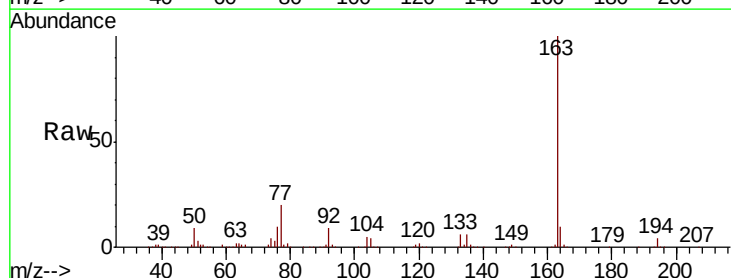
Tgt Ion: 163 Resp: 667891

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

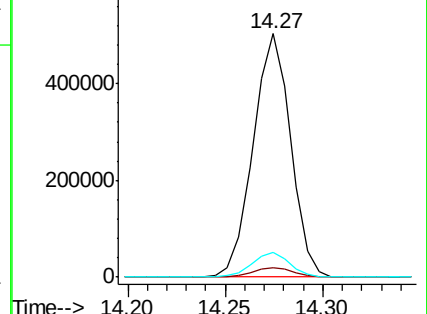
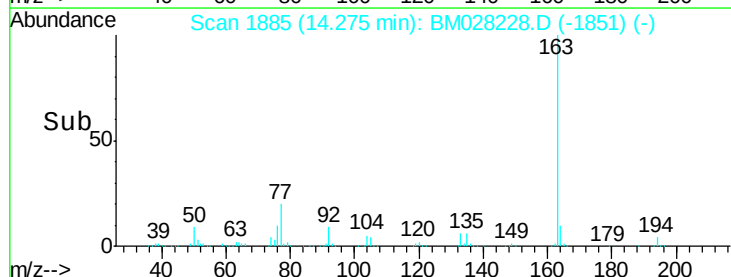
164 10.1 8.0 12.0

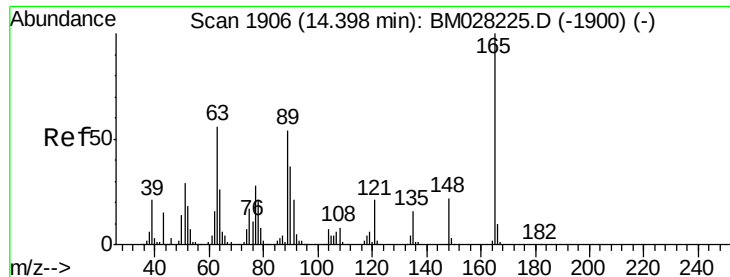


Abundance Ion 163.00 (162.70 to 163.70): BM028228.D (-1851) (-)

Ion 194.00 (193.70 to 194.70): BM028228.D (-1851) (-)

Ion 164.00 (163.70 to 164.70): BM028228.D (-1851) (-)

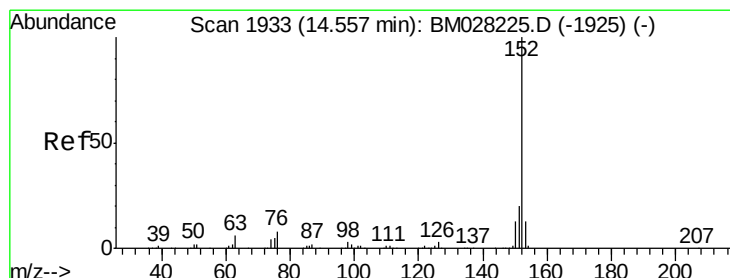
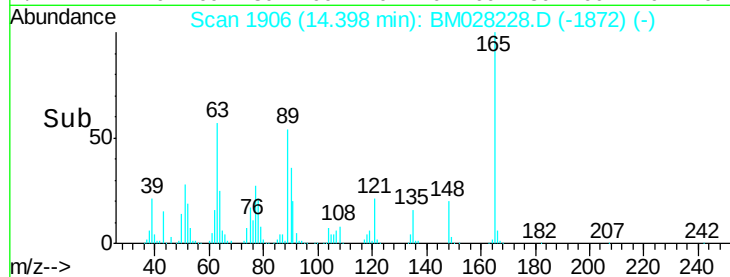
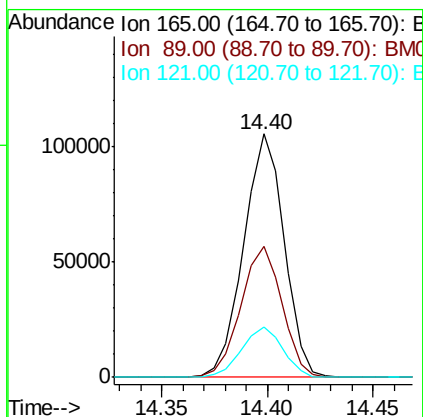
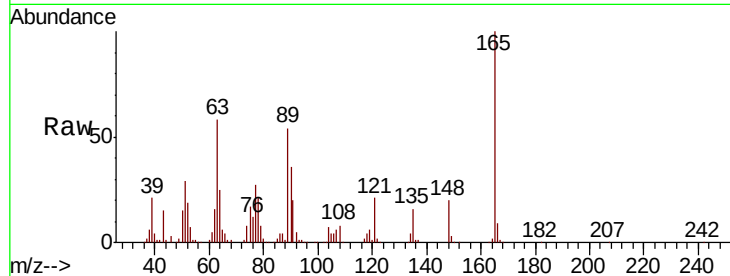




#46  
 2,6-Dinitrotoluene  
 Concen: 20.614 ng/ul  
 RT: 14.40 min Scan# 1906  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

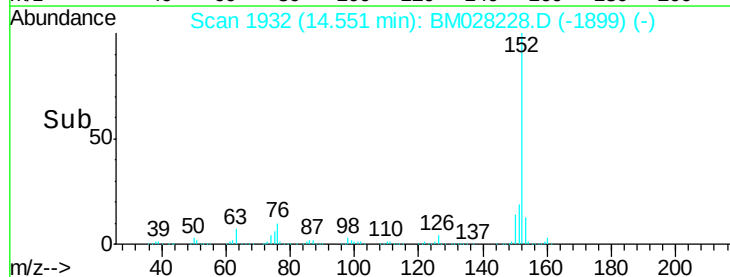
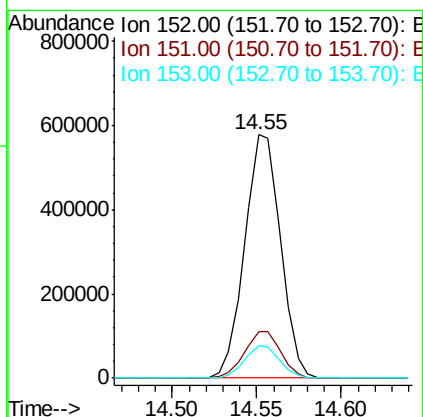
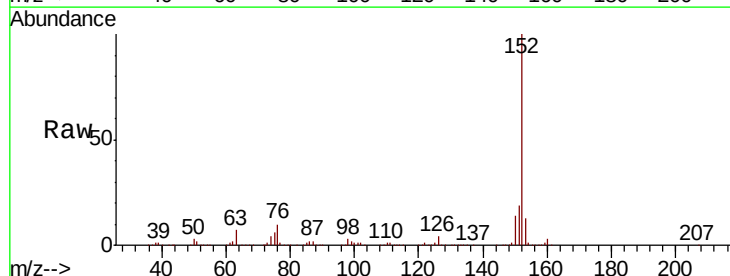
Instrument :  
 BNA\_M  
 ClientSampled :  
 A54L7

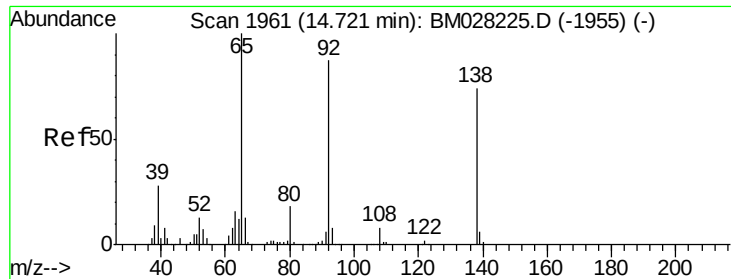
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 53.7  | 45.3  | 67.9  |
| 121     | 20.6  | 16.3  | 24.5  |



#48  
 Acenaphthylene  
 Concen: 19.191 ng/ul  
 RT: 14.55 min Scan# 1932  
 Delta R.T. -0.01 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.3  | 15.8  | 23.6  |
| 153     | 13.1  | 10.1  | 15.1  |





#49

3-Nitroaniline

Concen: 18.936 ng/ul

RT: 14.72 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

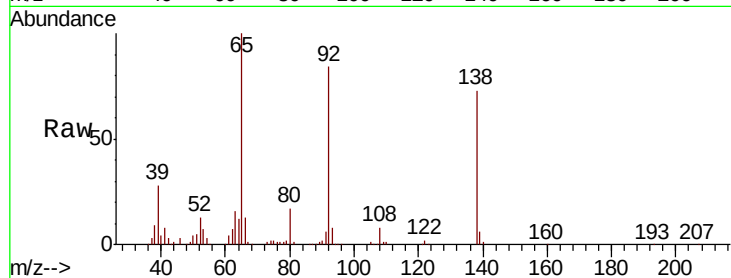
Tot Ion:138 Resp: 116324

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

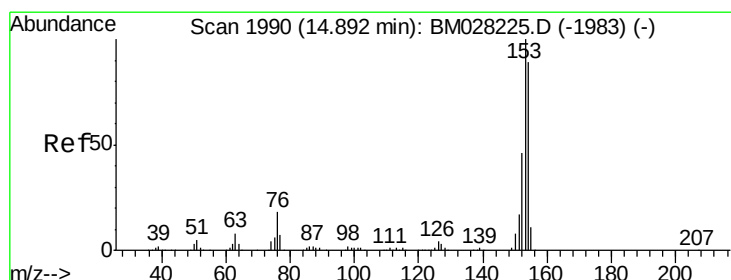
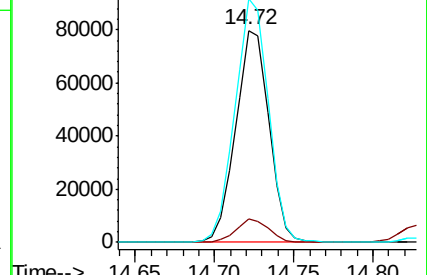
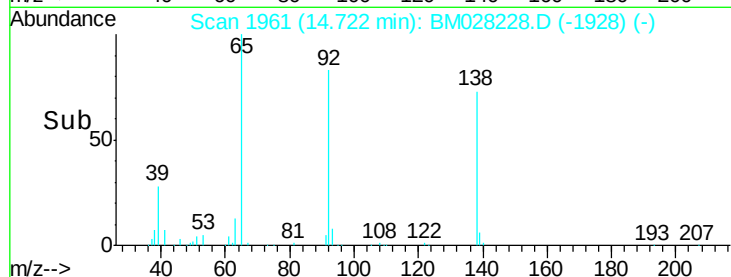
92 114.8 99.9 149.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#50

Acenaphthene

Concen: 18.739 ng/ul

RT: 14.89 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

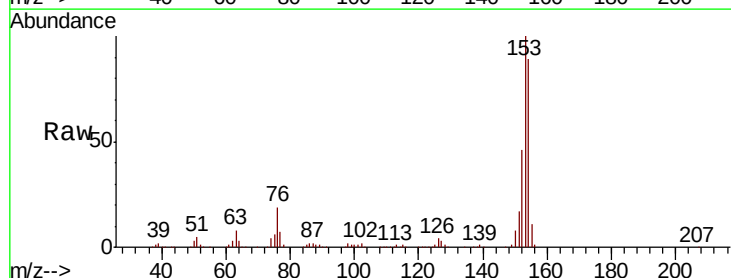
Tgt Ion:153 Resp: 601075

Ion Ratio Lower Upper

153 100

152 46.1 36.7 55.1

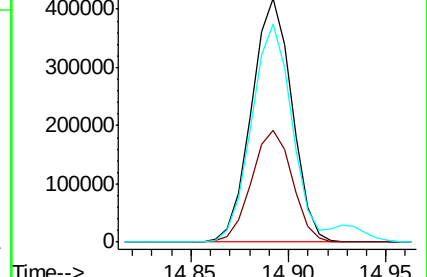
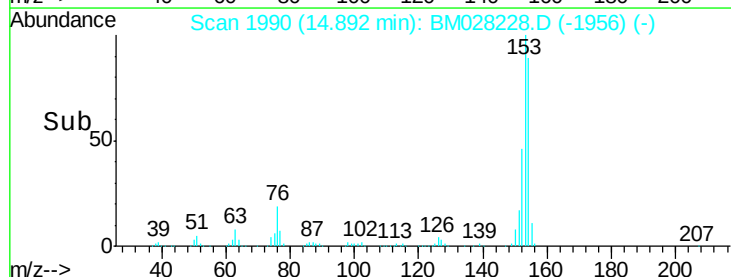
154 89.4 70.6 106.0

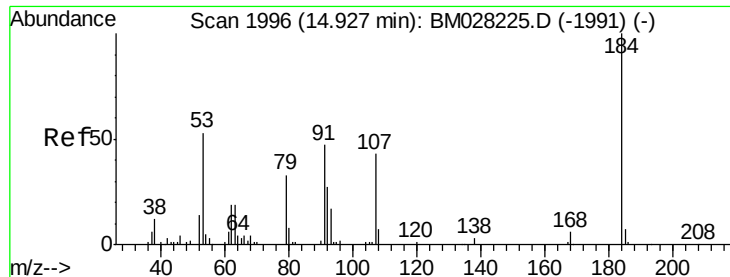


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

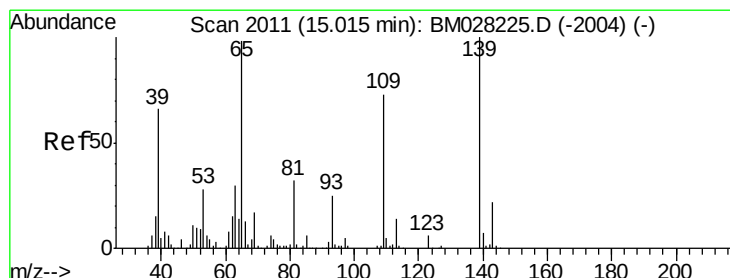
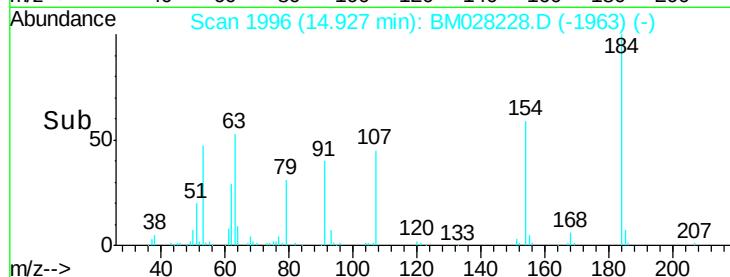
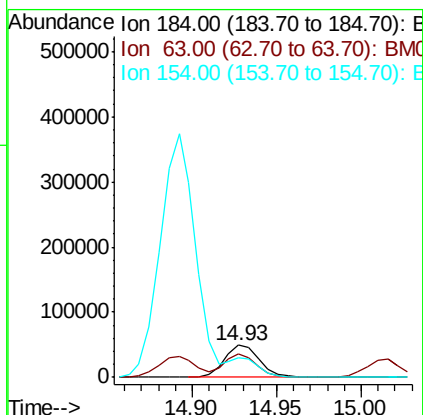
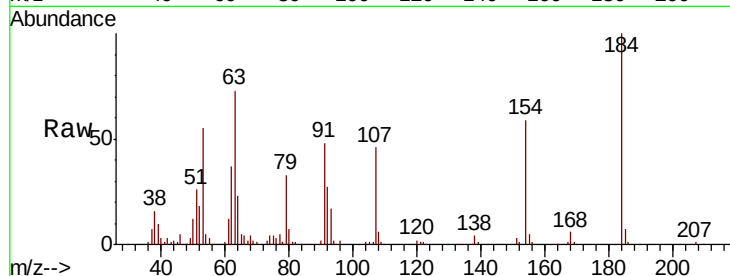




#51  
2,4-Dinitrophenol  
Concen: 18.597 ng/ul  
RT: 14.93 min Scan# 1996  
Delta R.T. -0.01 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

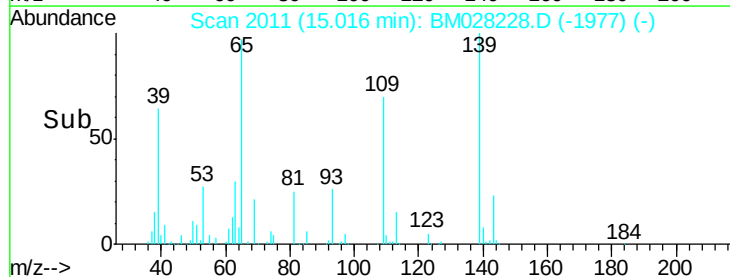
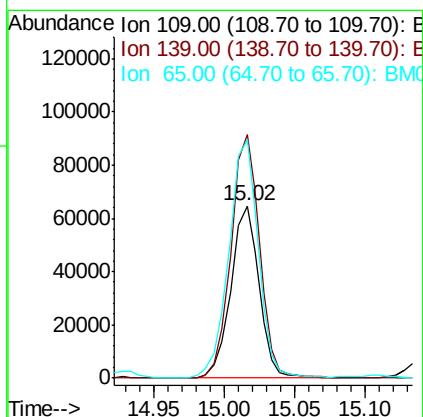
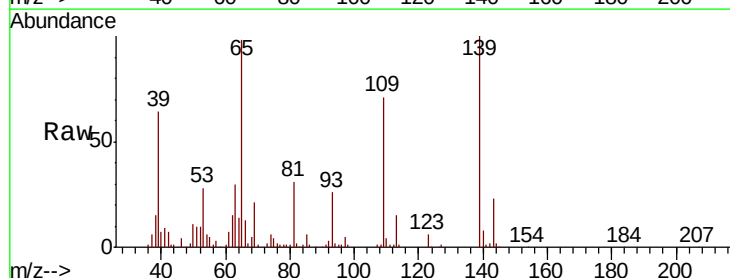
Instrument :  
BNA\_M  
ClientSampleId :  
A54L7

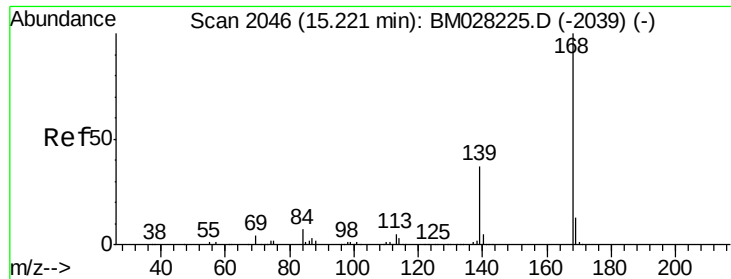
Tot Ion:184 Resp: 71012  
Ion Ratio Lower Upper  
184 100  
63 72.8 57.0 85.6  
154 58.9 46.9 70.3



#53  
4-Nitrophenol  
Concen: 18.112 ng/ul  
RT: 15.02 min Scan# 2011  
Delta R.T. 0.00 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

Tgt Ion:109 Resp: 90058  
Ion Ratio Lower Upper  
109 100  
139 141.3 108.6 162.8  
65 138.5 111.9 167.9





#54

Dibenzofuran

Concen: 18.339 ng/ul

RT: 15.22 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

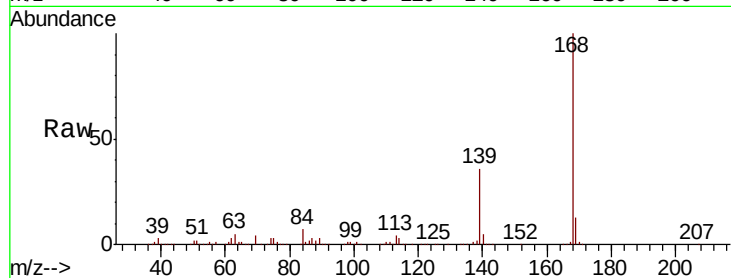
A54L7

Tot Ion:168 Resp: 805084

Ion Ratio Lower Upper

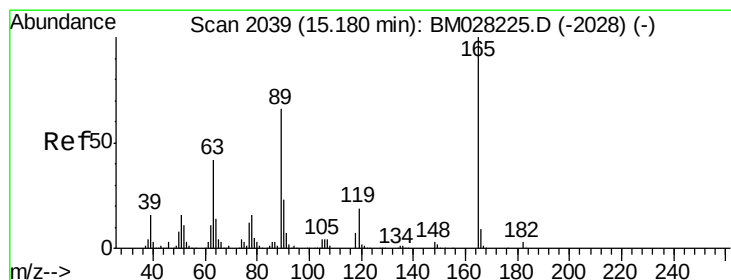
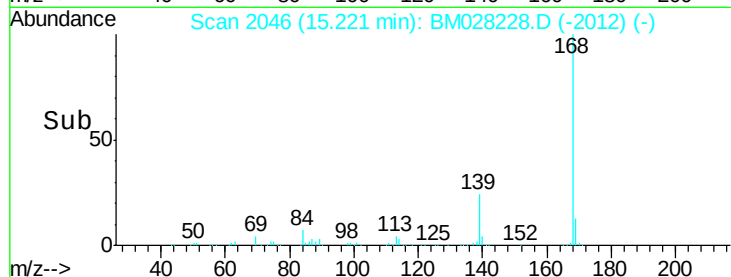
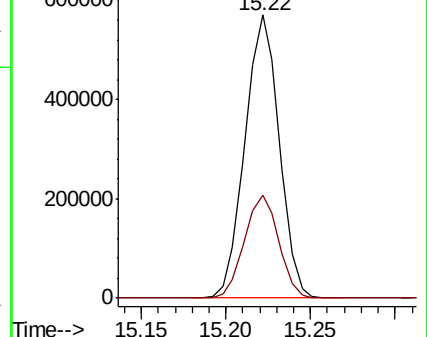
168 100

139 36.4 30.6 45.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 19.741 ng/ul

RT: 15.17 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

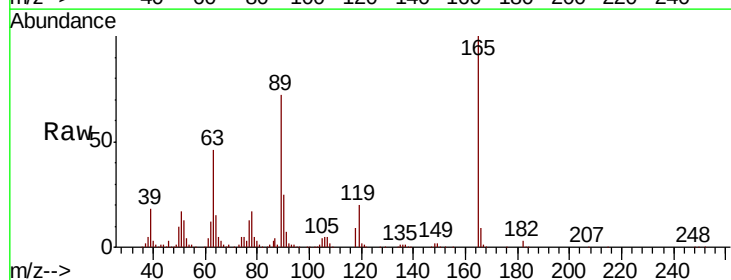
Tgt Ion:165 Resp: 194046

Ion Ratio Lower Upper

165 100

63 46.3 39.5 59.3

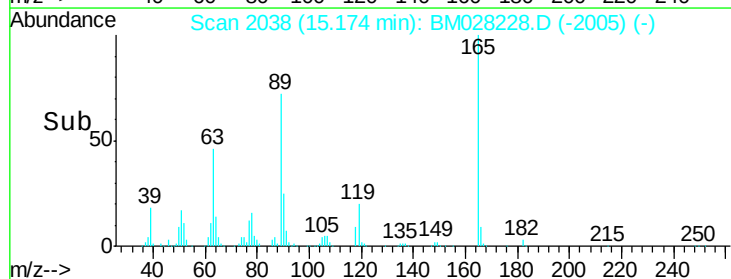
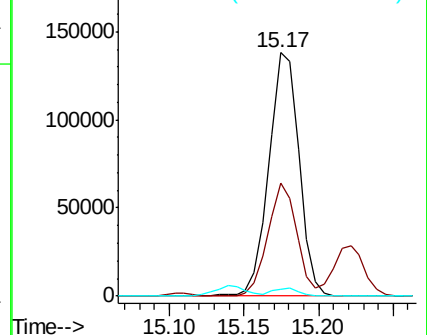
182 3.0 2.3 3.5



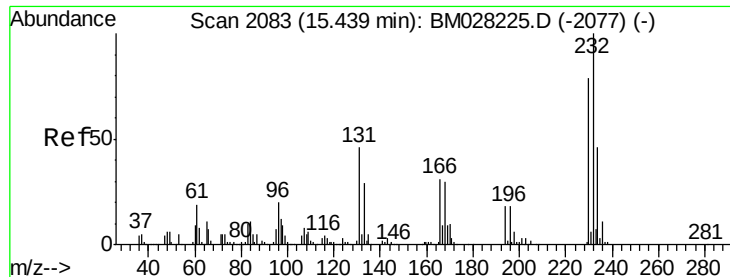
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



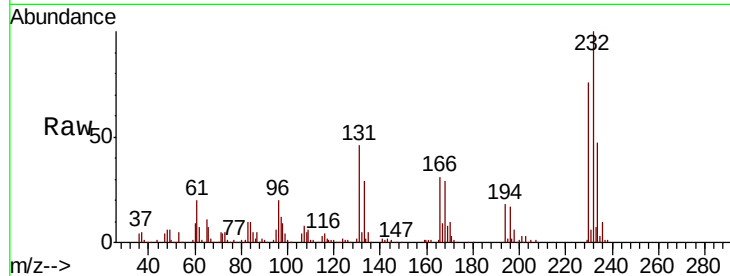




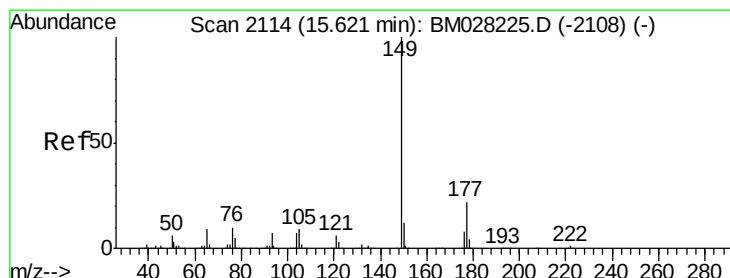
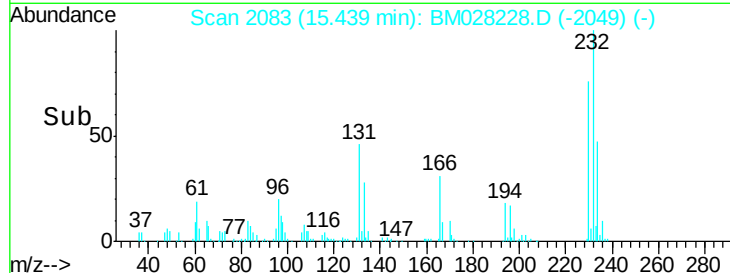
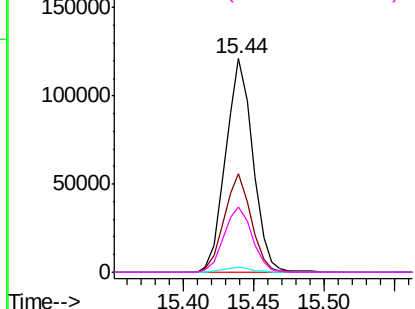
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.929 ng/ul  
 RT: 15.44 min Scan# 2083  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54L7

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:232 | Resp: | 163015      |
| Ion         | Ratio | Lower Upper |
| 232         | 100   |             |
| 131         | 46.3  | 36.6 54.8   |
| 130         | 2.4   | 2.0 3.0     |
| 166         | 30.7  | 25.0 37.4   |

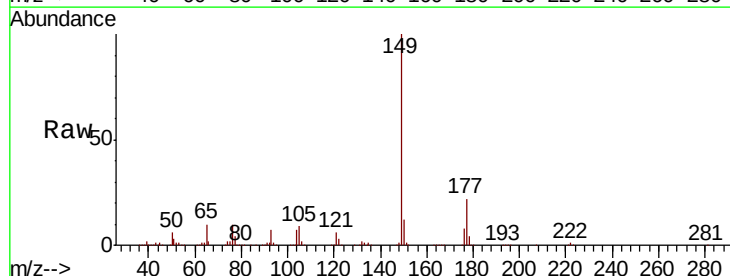


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

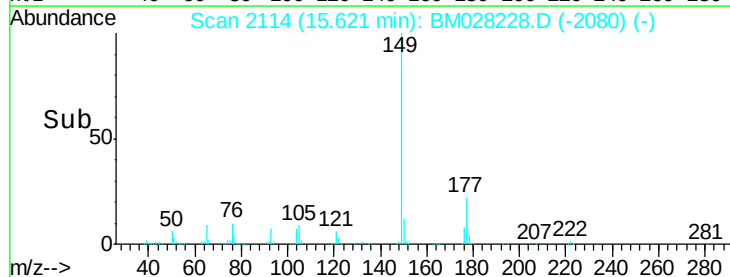
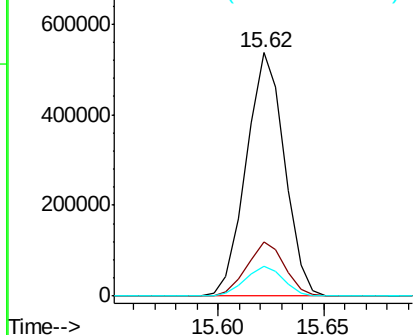


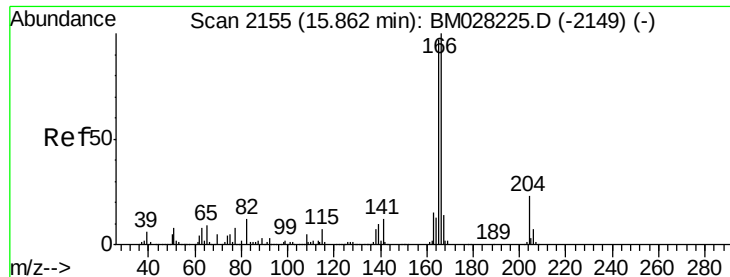
#57  
 Diethylphthalate  
 Concen: 18.495 ng/ul  
 RT: 15.62 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:149 | Resp: | 675440      |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 177         | 22.2  | 16.6 25.0   |
| 150         | 12.4  | 9.4 14.0    |



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: 18.255 ng/ul

RT: 15.86 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

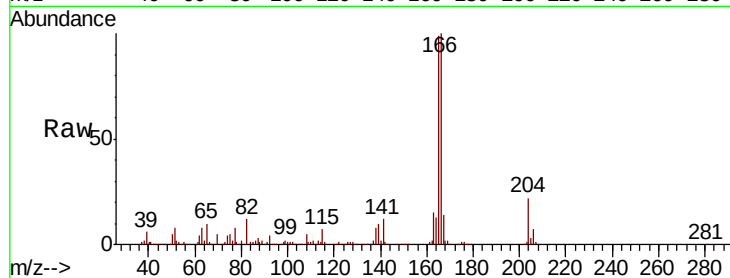
Tot Ion:166 Resp: 669161

Ion Ratio Lower Upper

166 100

165 99.1 77.4 116.2

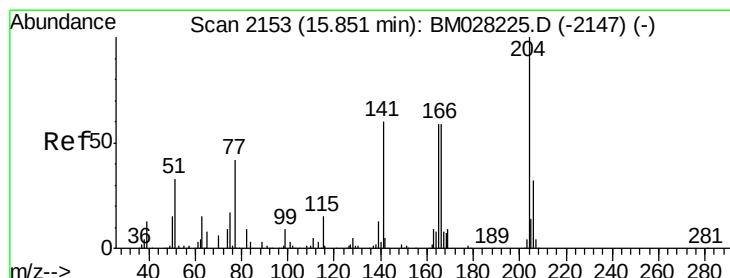
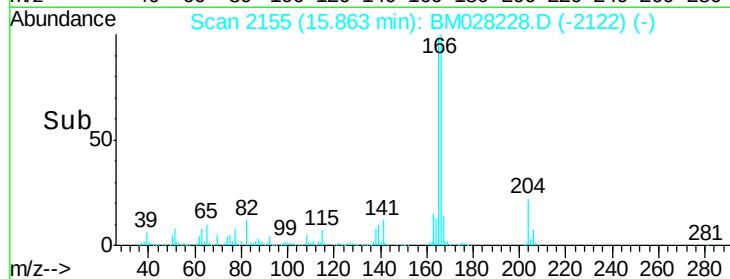
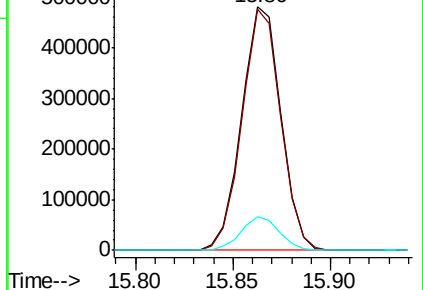
167 14.0 10.9 16.3



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: 18.334 ng/ul

RT: 15.85 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

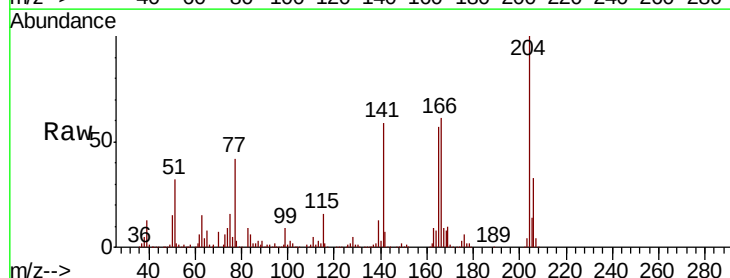
Tgt Ion:204 Resp: 327451

Ion Ratio Lower Upper

204 100

206 32.7 26.0 39.0

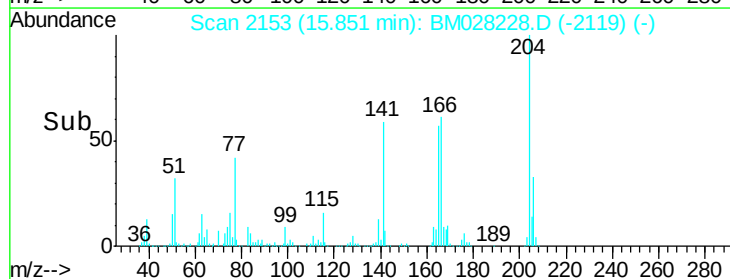
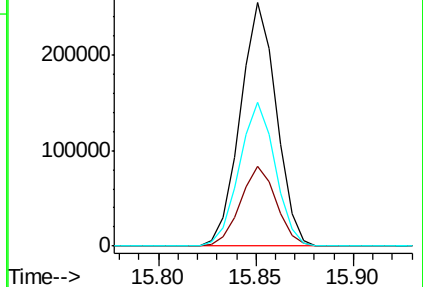
141 59.2 48.6 73.0

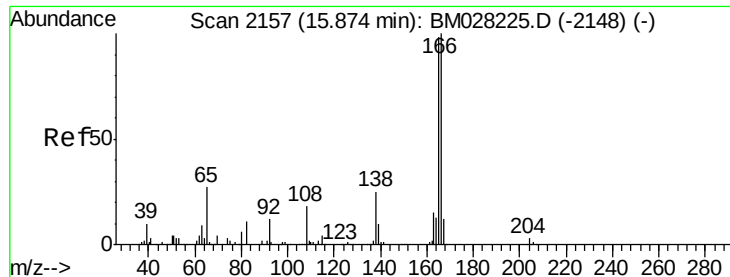


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

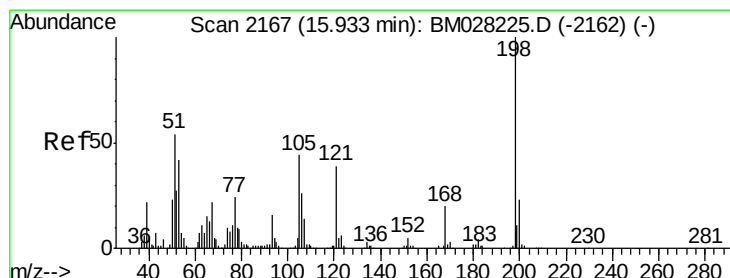
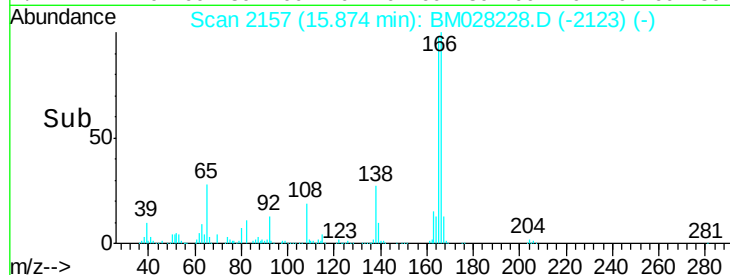
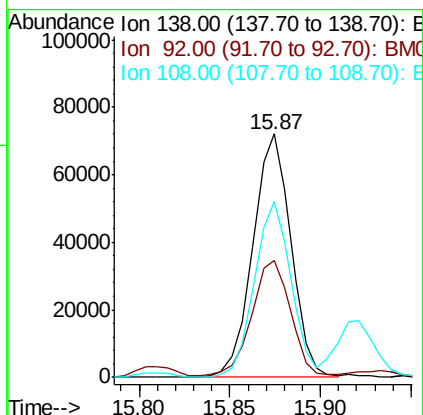
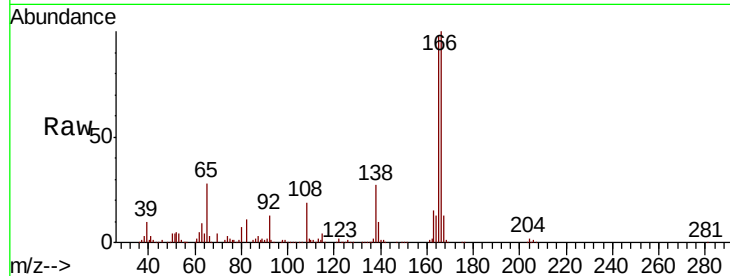




#61  
4-Nitroaniline  
Concen: 16.691 ng/ul  
RT: 15.87 min Scan# 2157  
Delta R.T. 0.00 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

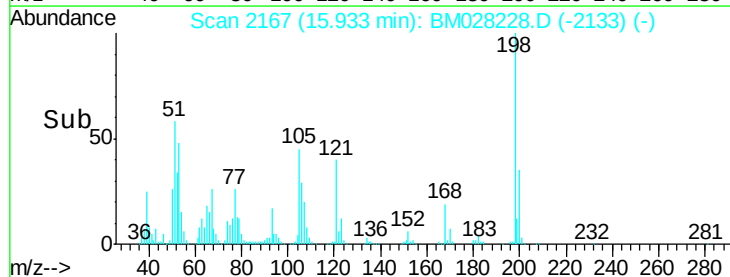
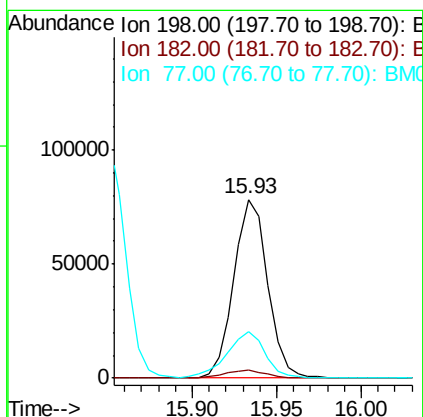
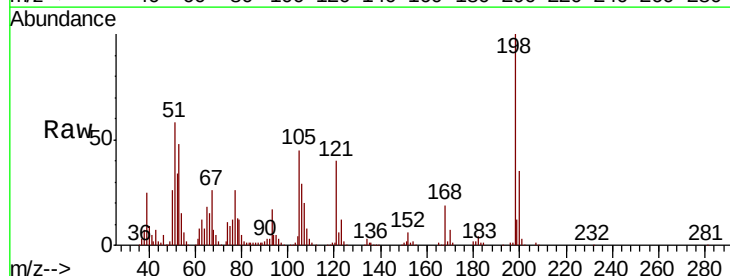
Instrument :  
BNA\_M  
ClientSampleId :  
A54L7

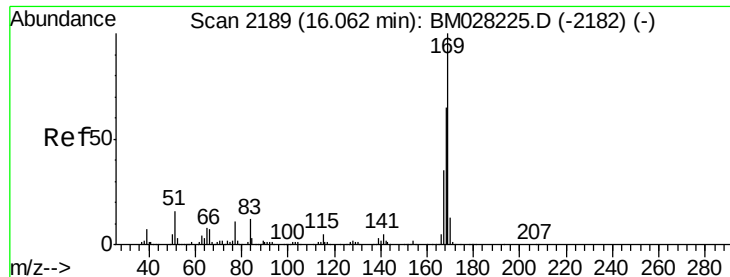
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.1  | 41.2  | 61.8  |
| 108     | 72.0  | 58.9  | 88.3  |



#64  
4,6-Dinitro-2-methylphenol  
Concen: 19.244 ng/ul  
RT: 15.93 min Scan# 2167  
Delta R.T. 0.00 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 4.2   | 3.9   | 5.9   |
| 77      | 25.9  | 20.9  | 31.3  |





#65

N-Nitrosodiphenylamine

Concen: 19.204 ng/ul

RT: 16.06 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampled :

A54L7

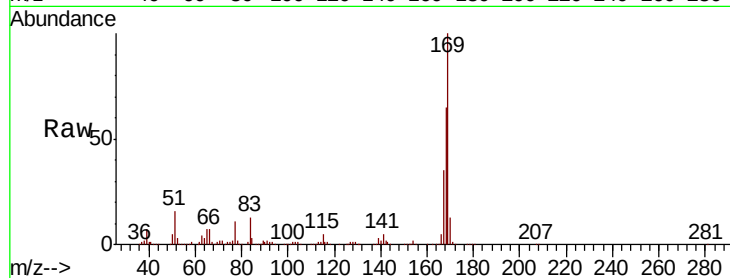
Tot Ion:169 Resp: 553605

Ion Ratio Lower Upper

169 100

168 65.0 52.2 78.2

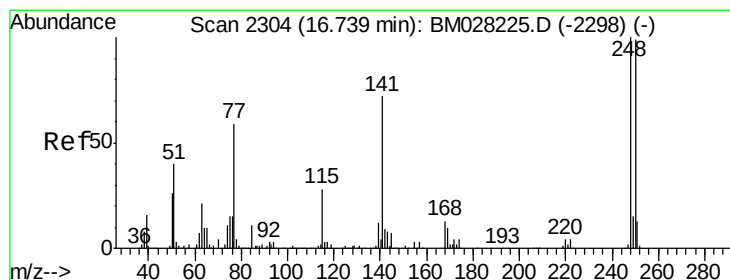
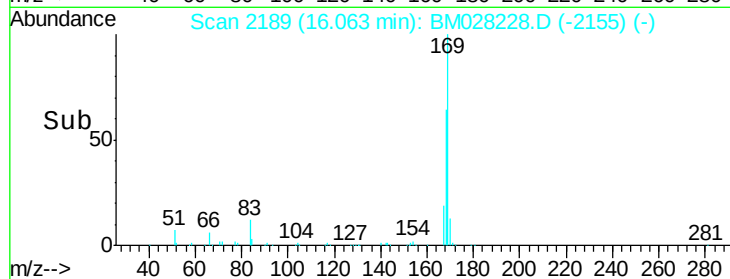
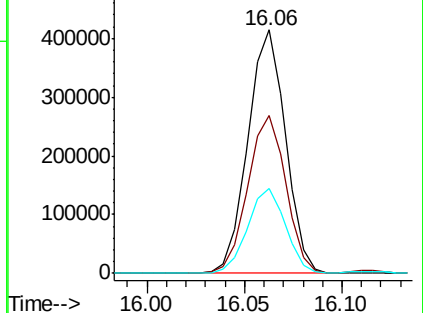
167 34.9 27.8 41.8



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: 19.495 ng/ul

RT: 16.74 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

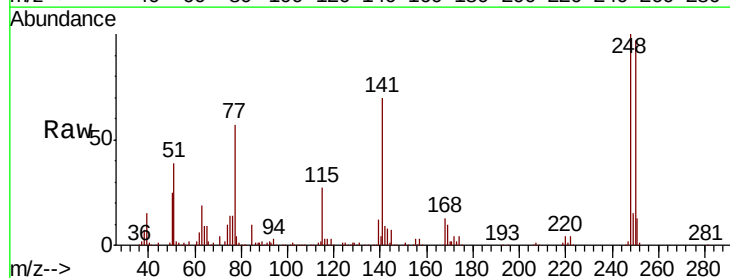
Tgt Ion:248 Resp: 197766

Ion Ratio Lower Upper

248 100

250 96.9 76.7 115.1

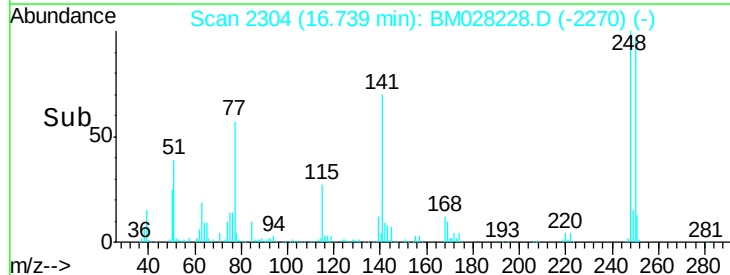
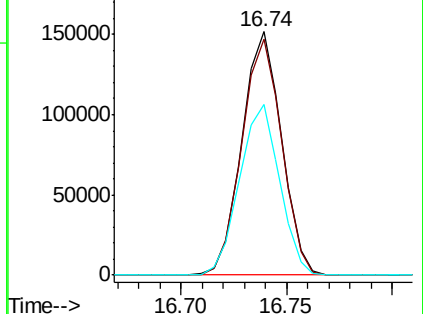
141 70.1 59.4 89.0

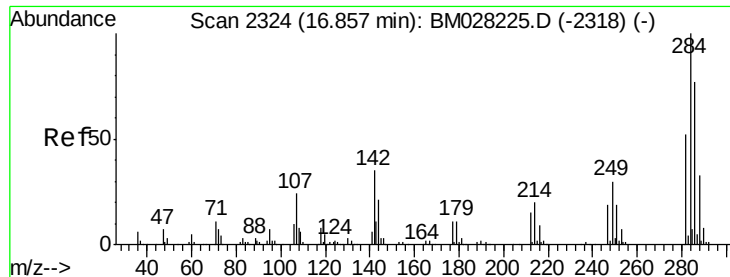


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 19.209 ng/ul

RT: 16.86 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

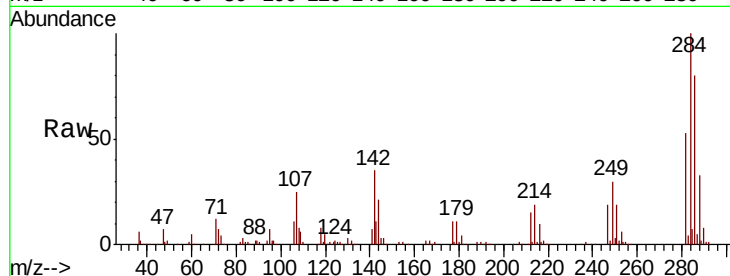
Tot Ion:284 Resp: 222851

Ion Ratio Lower Upper

284 100

142 35.5 30.3 45.5

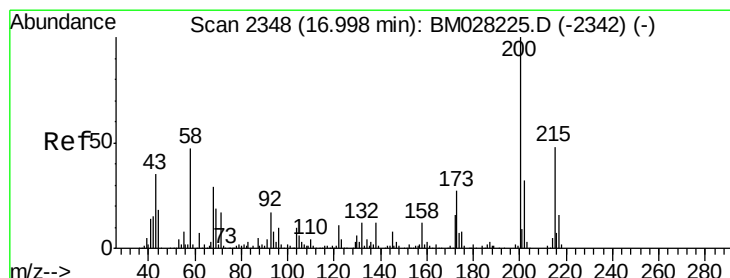
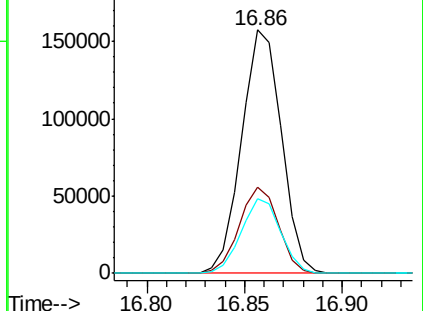
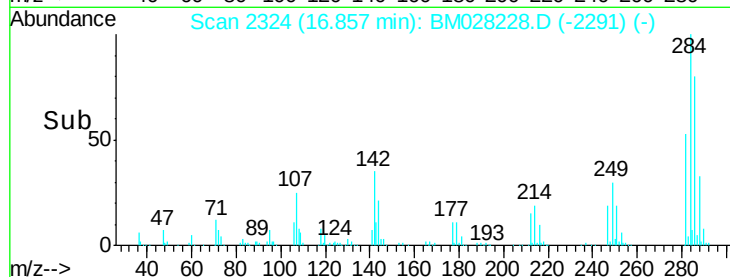
249 30.4 24.5 36.7



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: 19.669 ng/ul

RT: 17.00 min Scan# 2348

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

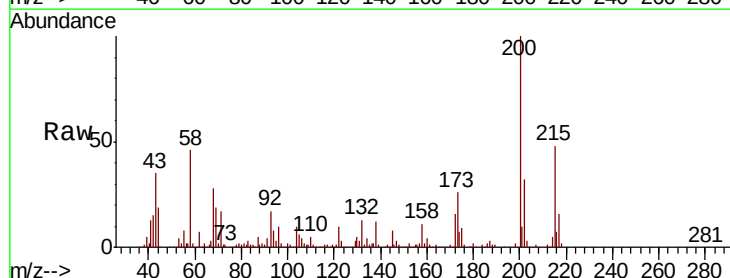
Tgt Ion:200 Resp: 190334

Ion Ratio Lower Upper

200 100

173 26.3 21.9 32.9

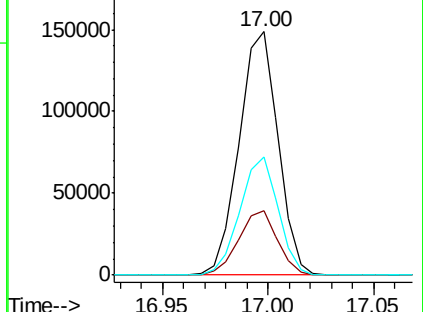
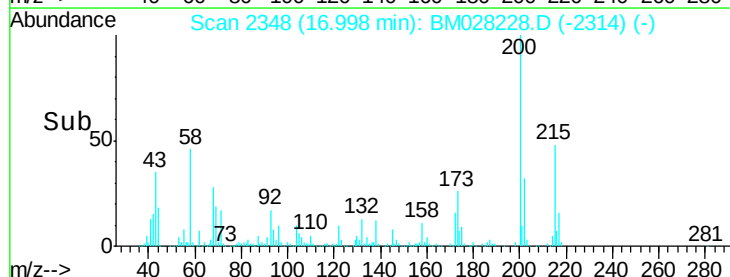
215 48.3 38.2 57.4

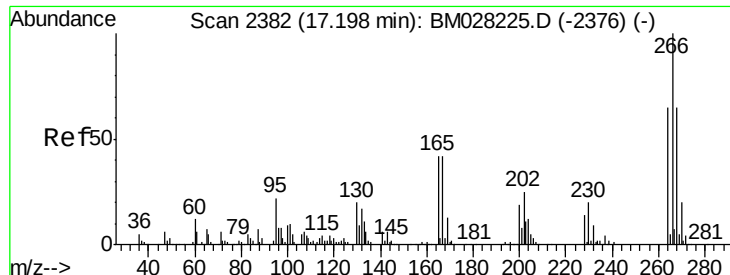


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 19.744 ng/ul

RT: 17.20 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

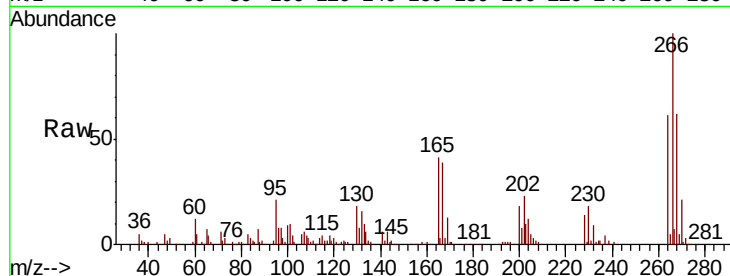
Tot Ion:266 Resp: 129249

Ion Ratio Lower Upper

266 100

264 61.2 48.4 72.6

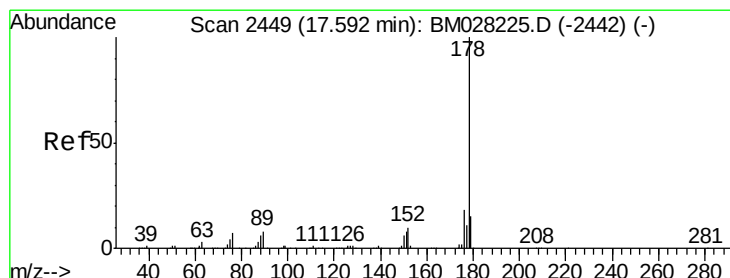
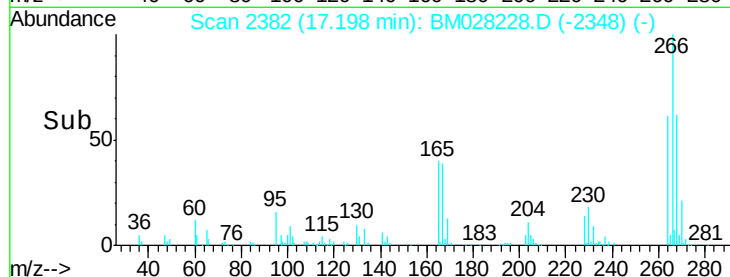
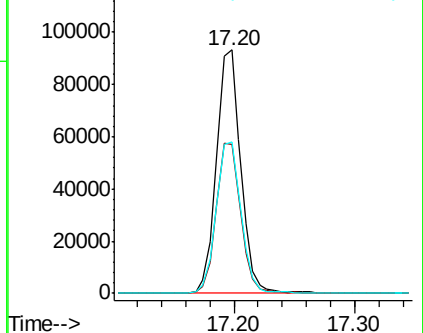
268 62.3 49.3 73.9



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: 18.756 ng/ul

RT: 17.59 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

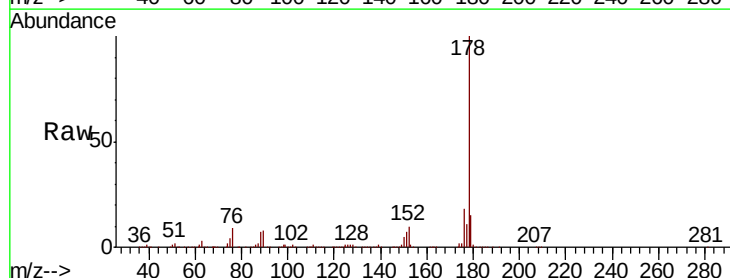
Tgt Ion:178 Resp: 1006248

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

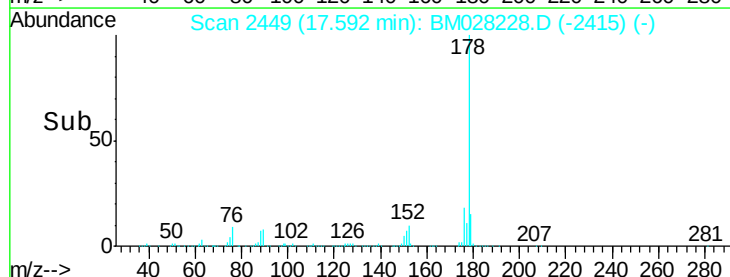
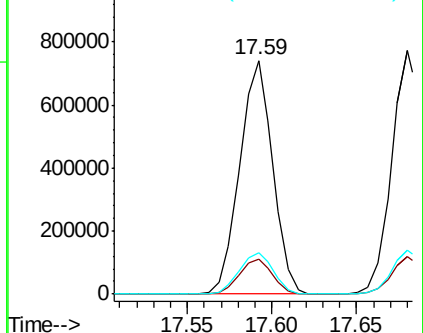
176 18.0 14.9 22.3

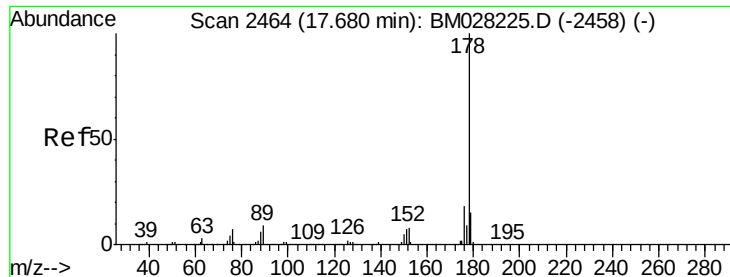


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 18.952 ng/ul

RT: 17.68 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

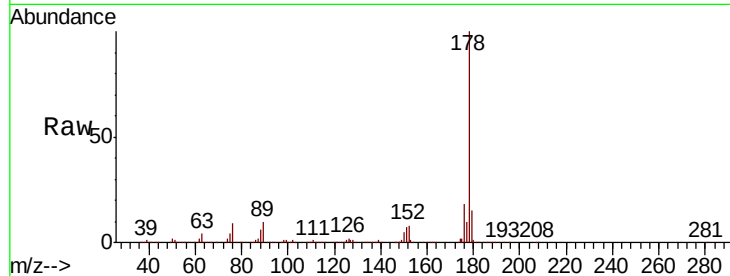
Tot Ion:178 Resp: 1034687

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

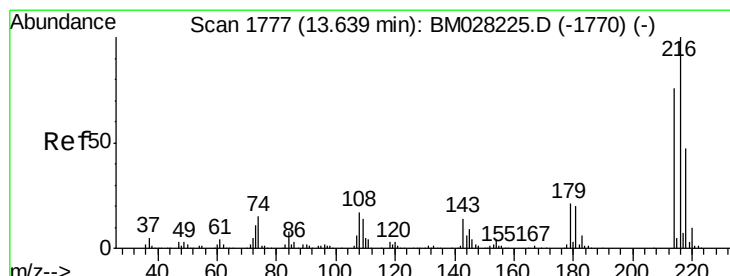
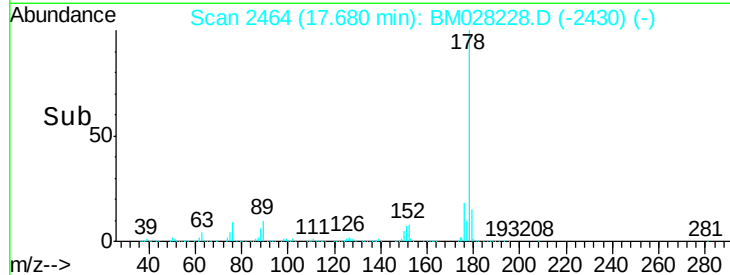
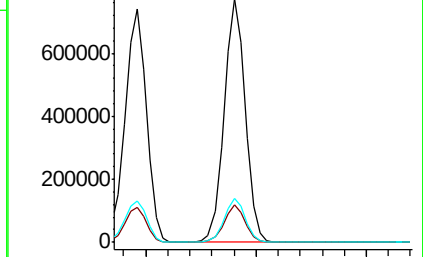
176 17.8 14.0 21.0



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: 19.870 ng/uL

RT: 13.64 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

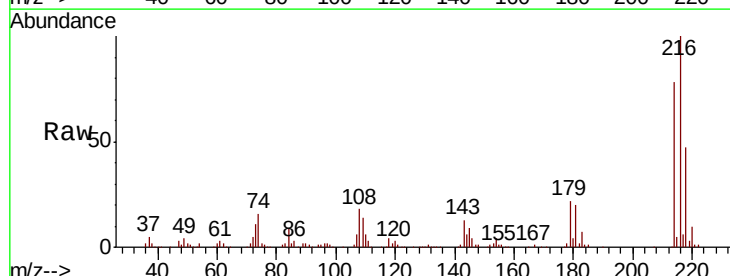
Tgt Ion:216 Resp: 278660

Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.2

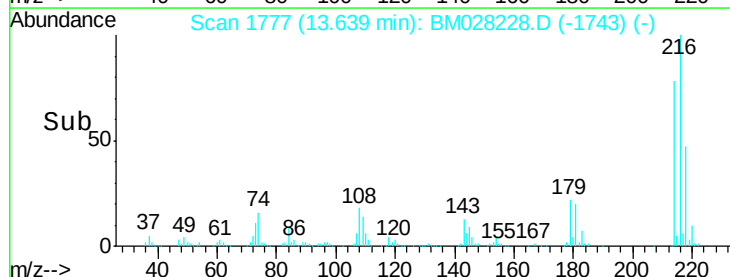
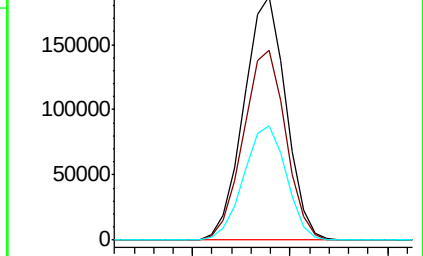
218 47.2 38.6 57.8

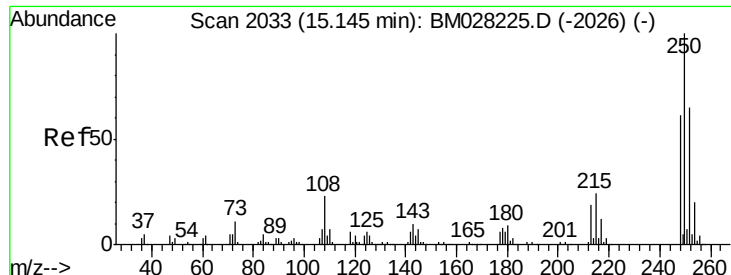


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

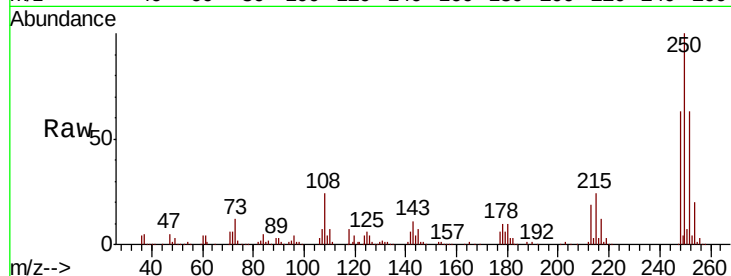




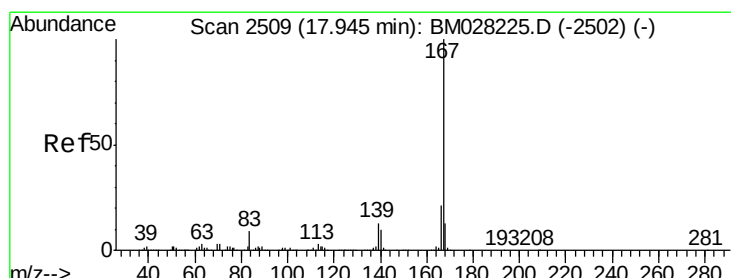
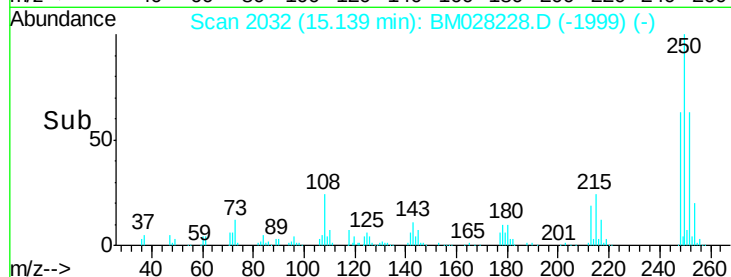
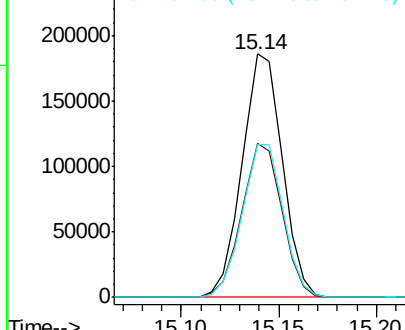
#74  
 Pentachlorobenzene  
 Concen: 19.524 ng/uL  
 RT: 15.14 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

Instrument :  
 BNA\_M  
 ClientSampled :  
 A54L7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 63.1  | 49.6  | 74.4  |
| 252     | 62.9  | 50.2  | 75.2  |

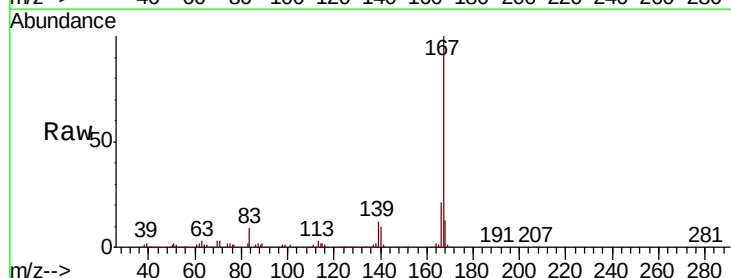


Abundance Ion 250.00 (249.70 to 250.70): E  
 250000 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

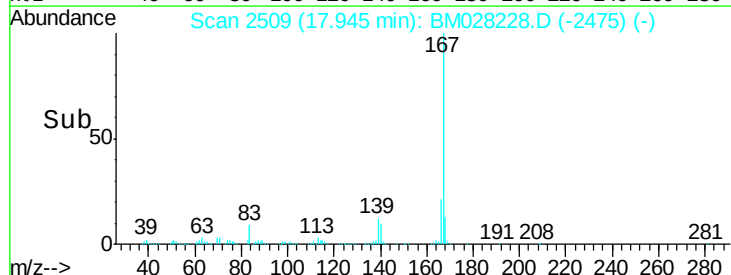
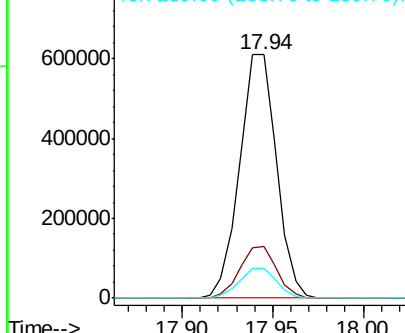


#75  
 Carbazole  
 Concen: 19.028 ng/uL  
 RT: 17.94 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: BM028228.D  
 Acq: 22 Dec 2020 03:44

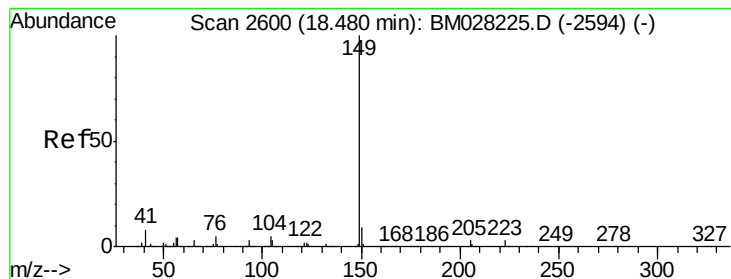
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.2  | 17.0  | 25.6  |
| 139     | 12.3  | 10.2  | 15.4  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 800000 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E







#76

Di-n-butylphthalate

Concen: 19.826 ng/ul

RT: 18.48 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

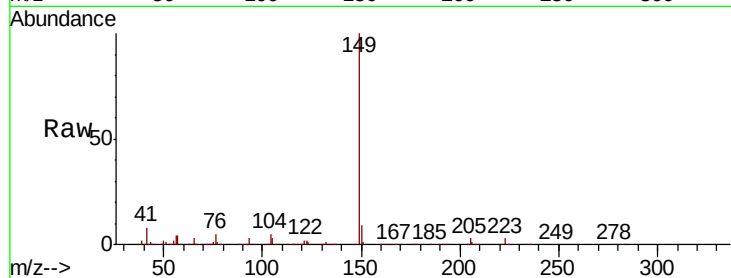
Tot Ion:149 Resp: 1111434

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

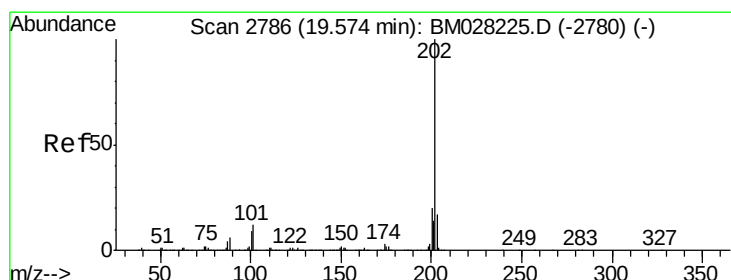
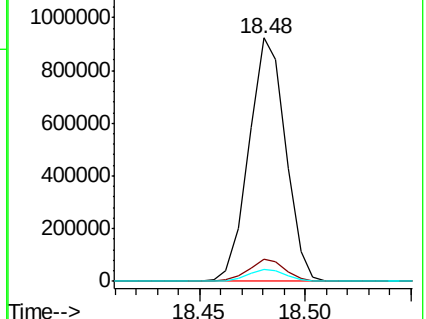
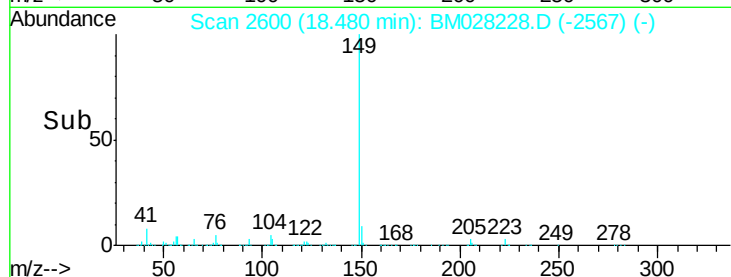
104 4.9 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 19.171 ng/ul

RT: 19.57 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

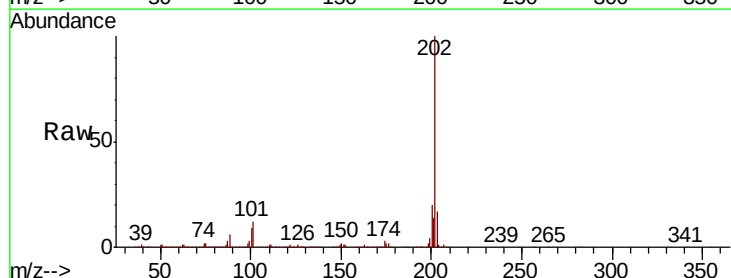
Tgt Ion:202 Resp: 1085548

Ion Ratio Lower Upper

202 100

101 12.0 9.2 13.8

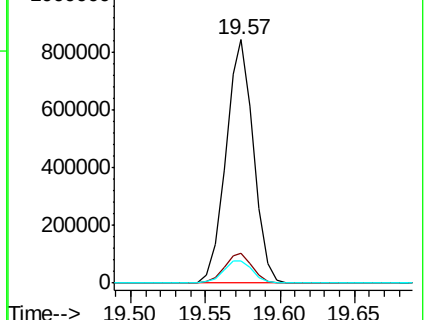
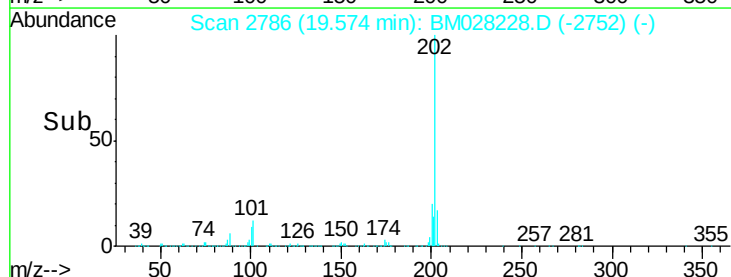
100 9.4 7.1 10.7

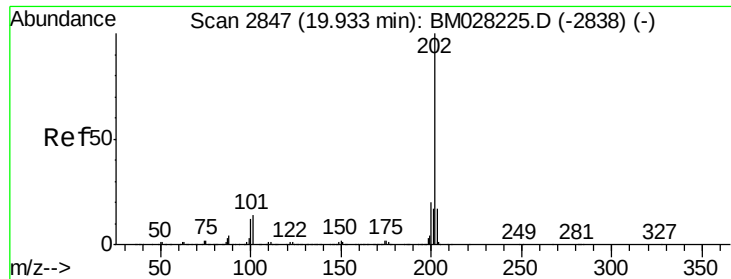


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

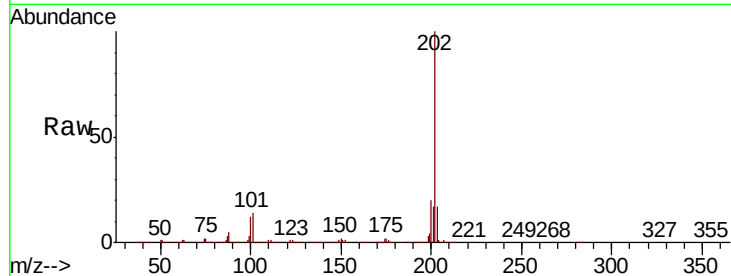




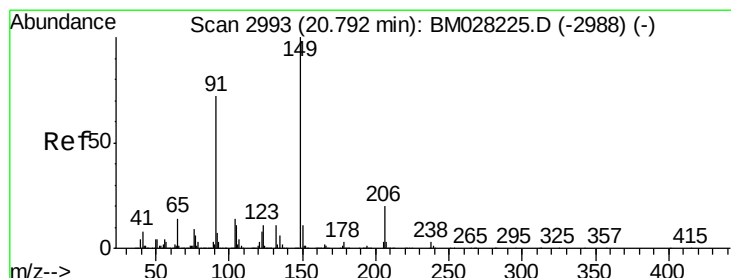
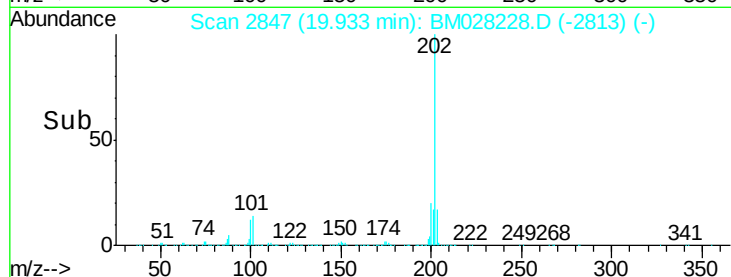
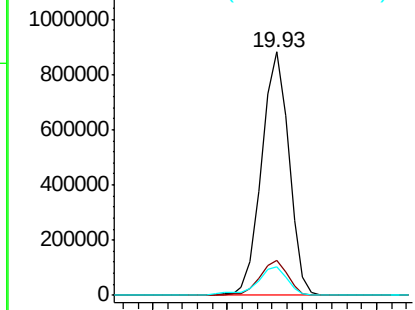
#80  
Pvrene  
Concen: 18.800 ng/ul  
RT: 19.93 min Scan# 2847  
Delta R.T. 0.00 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

Instrument :  
BNA\_M  
ClientSampleId :  
A54L7

Tot Ion:202 Resp: 1114996  
Ion Ratio Lower Upper  
202 100  
101 14.2 11.5 17.3  
100 11.6 9.9 14.9

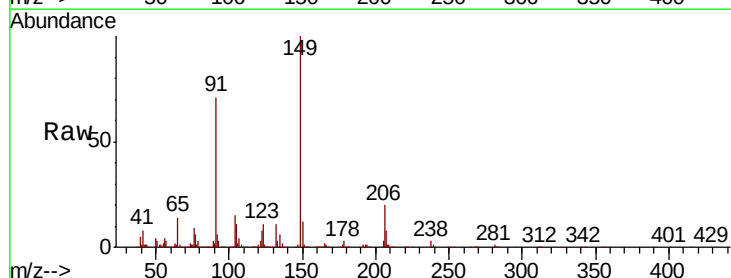


Abundance Ion 202.00 (201.70 to 202.70): E  
1200000  
Ion 101.00 (100.70 to 101.70): E  
1000000  
Ion 100.00 (99.70 to 100.70): B

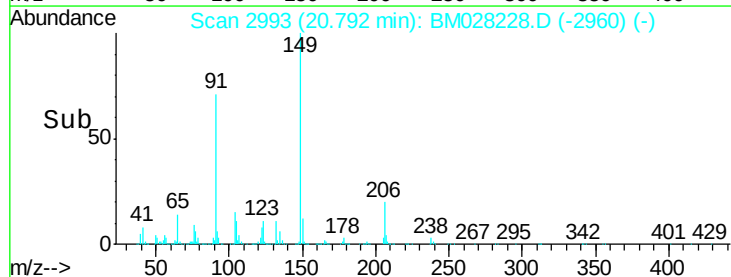
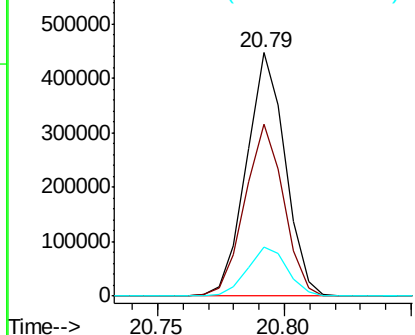


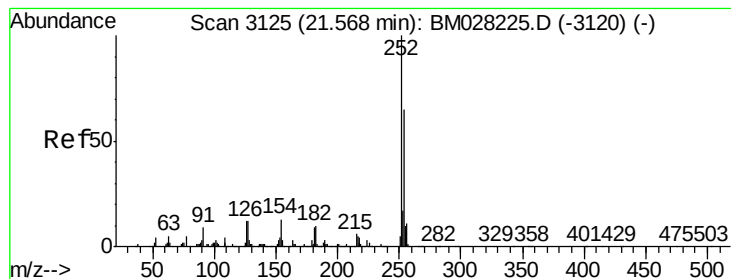
#81  
Butylbenzylphthalate  
Concen: 21.317 ng/ul  
RT: 20.79 min Scan# 2993  
Delta R.T. -0.01 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

Tgt Ion:149 Resp: 474570  
Ion Ratio Lower Upper  
149 100  
91 70.7 57.2 85.8  
206 20.3 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E  
600000  
Ion 91.00 (90.70 to 91.70): BM  
500000  
Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 18.250 ng/ul

RT: 21.57 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

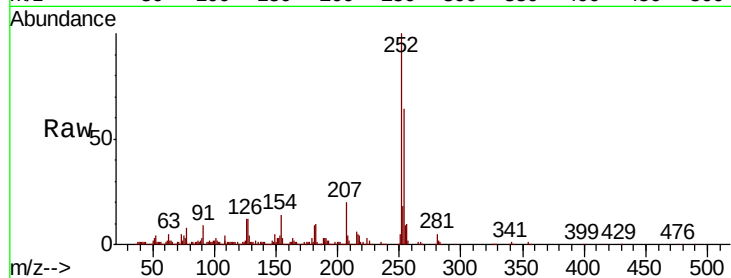
Tot Ion:252 Resp: 275097

Ion Ratio Lower Upper

252 100

254 64.3 52.1 78.1

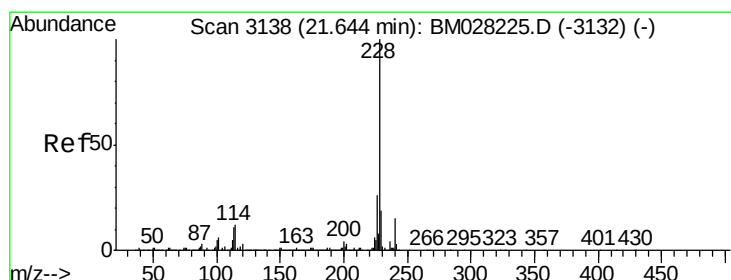
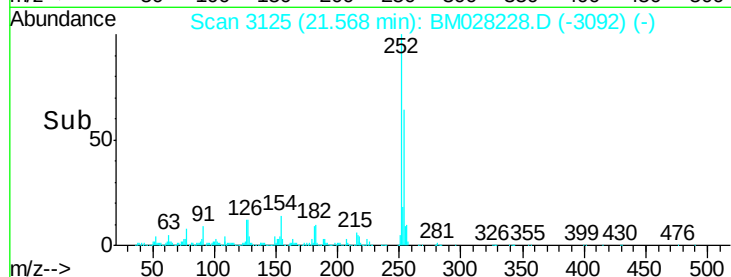
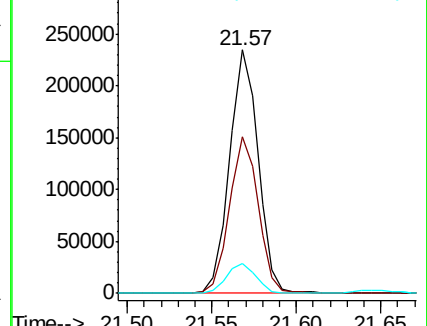
126 12.5 9.4 14.2



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: 18.745 ng/ul

RT: 21.64 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

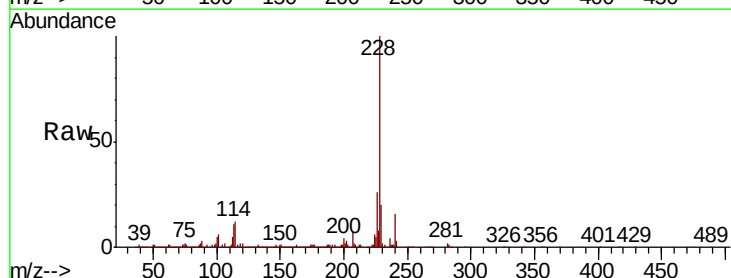
Tgt Ion:228 Resp: 988854

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

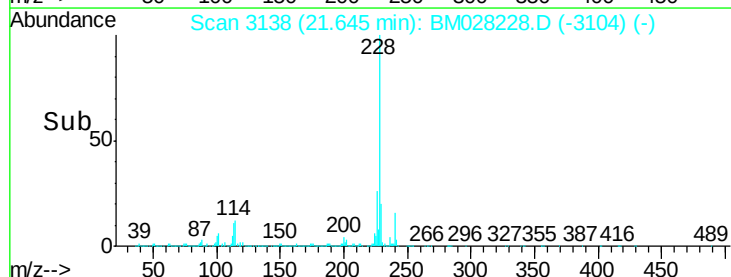
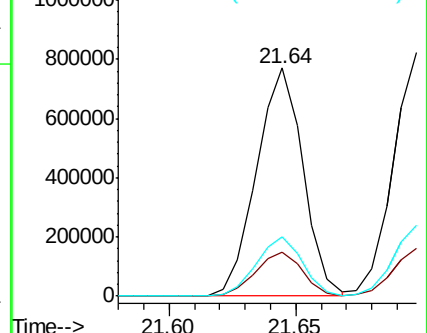
226 26.1 20.6 31.0

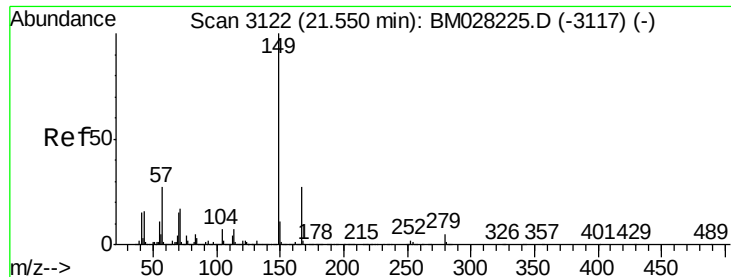


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 22.016 ng/ul

RT: 21.54 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

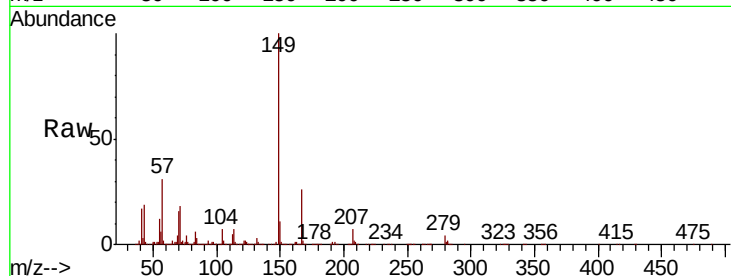
Tot Ion:149 Resp: 695522

Ion Ratio Lower Upper

149 100

167 26.4 20.5 30.7

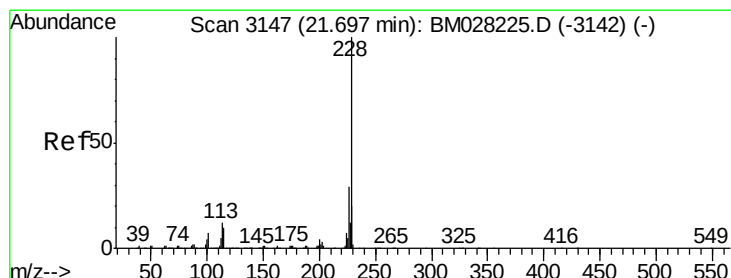
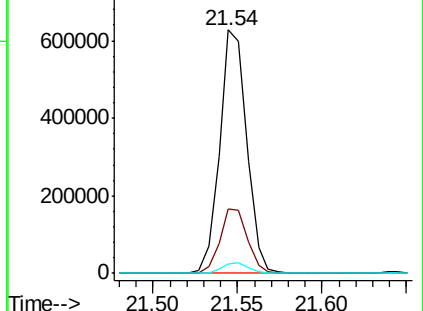
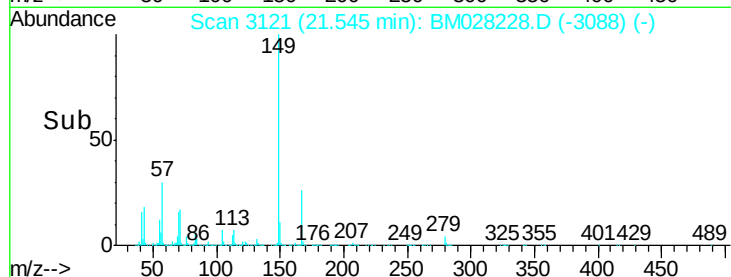
279 3.8 2.9 4.3



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

Chrysene

Concen: 18.654 ng/ul

RT: 21.70 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

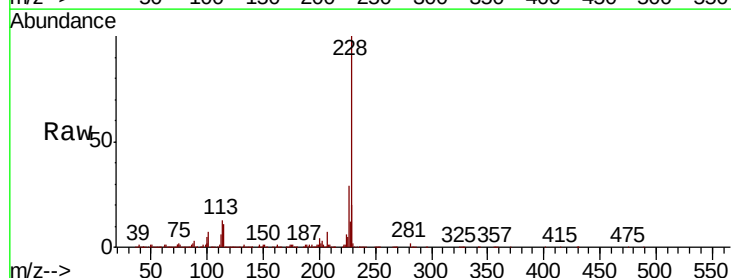
Tgt Ion:228 Resp: 967114

Ion Ratio Lower Upper

228 100

226 28.9 22.4 33.6

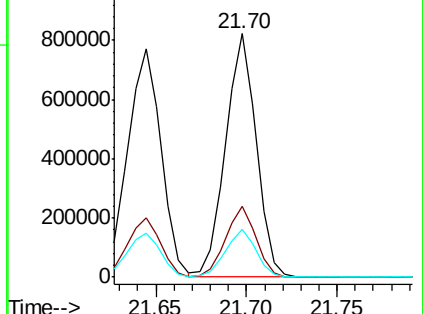
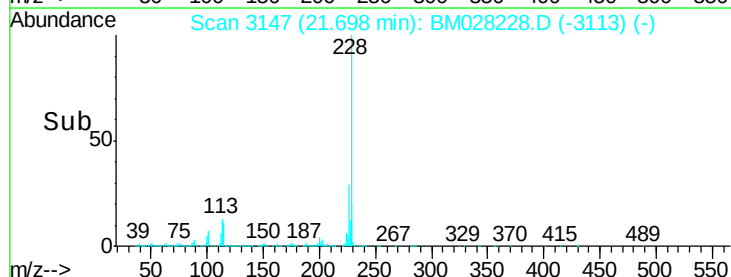
229 19.6 15.5 23.3

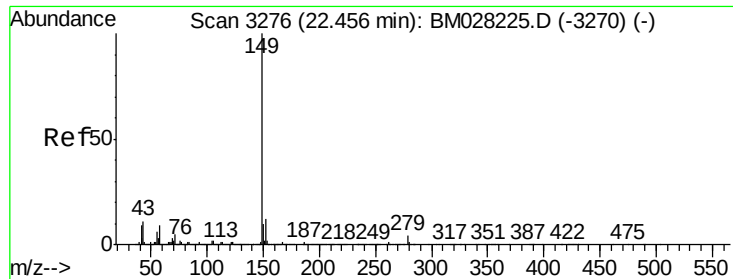


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 20.247 ng/ul

RT: 22.46 min Scan# 3276

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

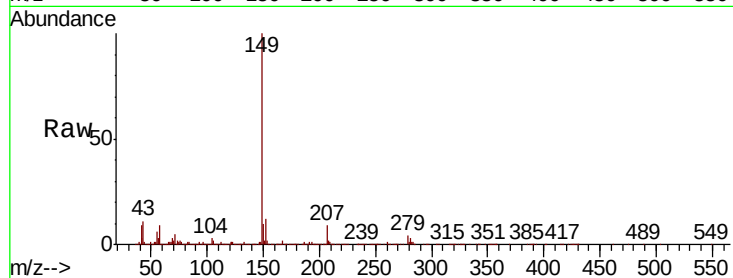
Instrument :

BNA\_M

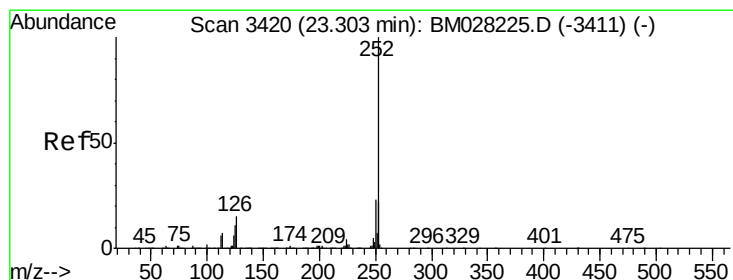
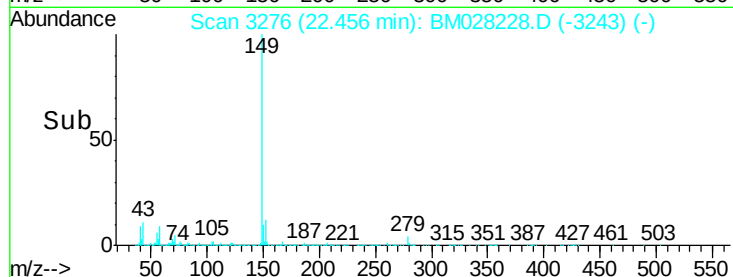
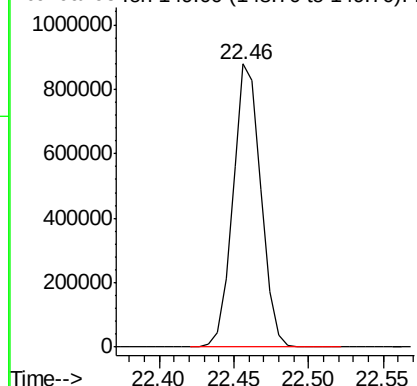
ClientSampleId :

A54L7

Tgt Ion:149 Resp: 1141866



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 18.931 ng/ul

RT: 23.30 min Scan# 3420

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

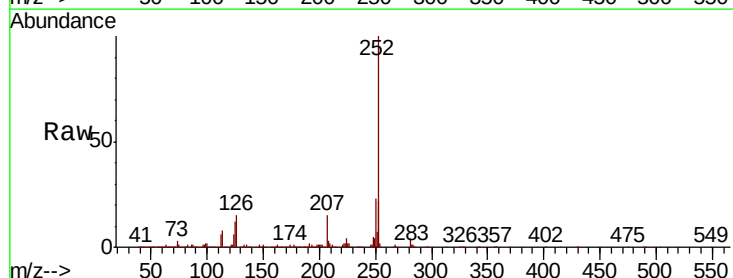
Tgt Ion:252 Resp: 1002594

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

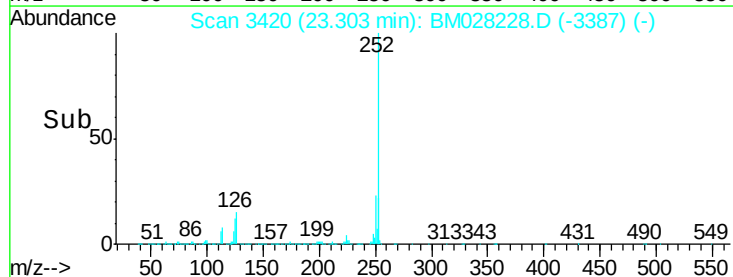
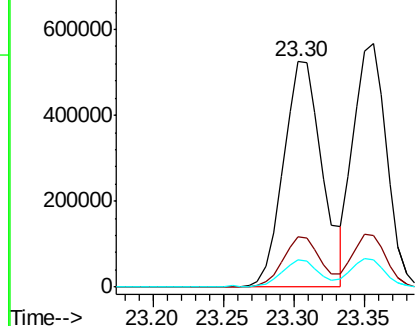
125 12.0 9.0 13.4

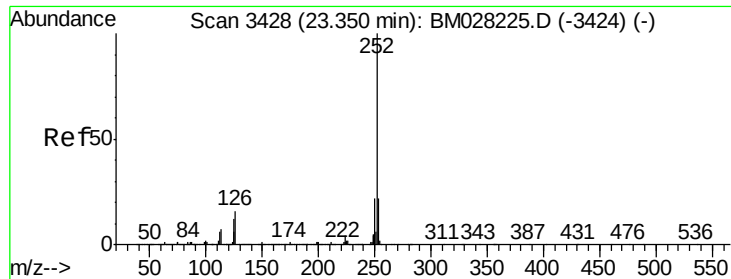


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 17.560 ng/ul

RT: 23.36 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

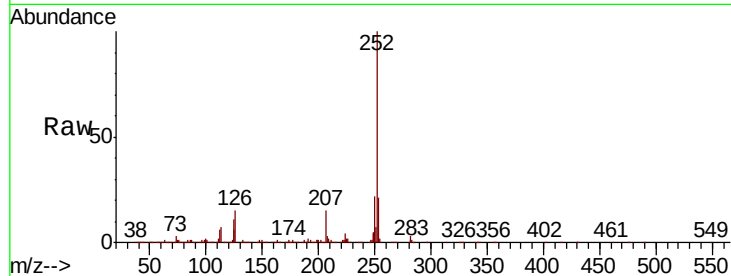
Tot Ion:252 Resp: 922330

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

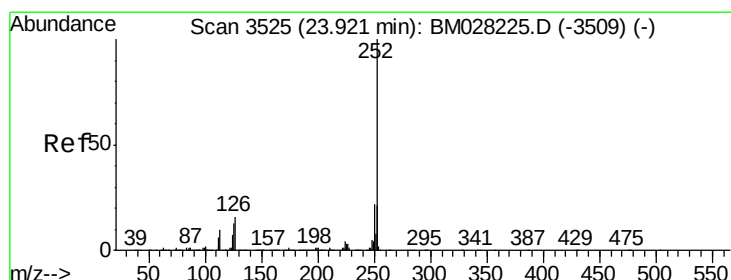
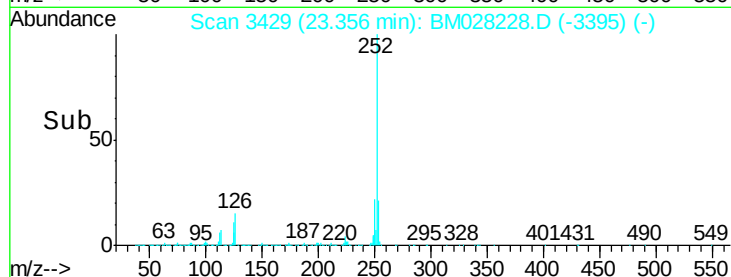
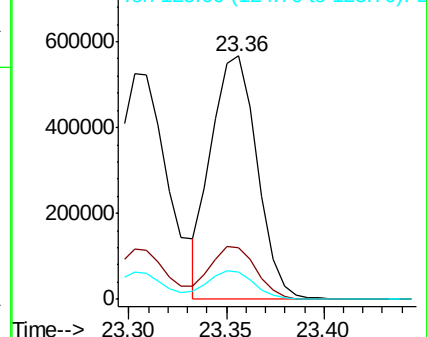
125 11.1 9.0 13.6



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: 18.442 ng/ul

RT: 23.92 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

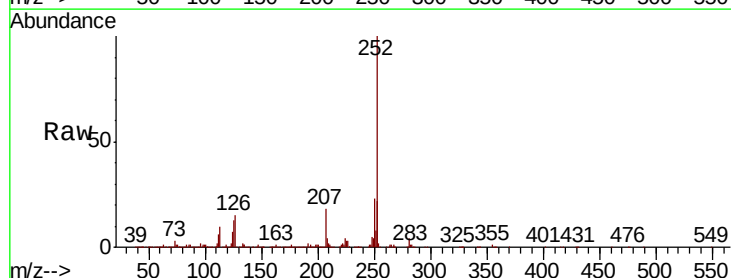
Tgt Ion:252 Resp: 880296

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

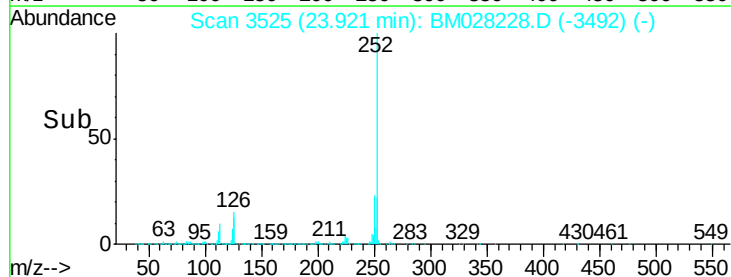
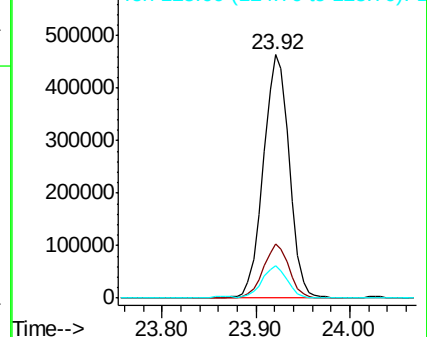
125 13.1 10.0 15.0

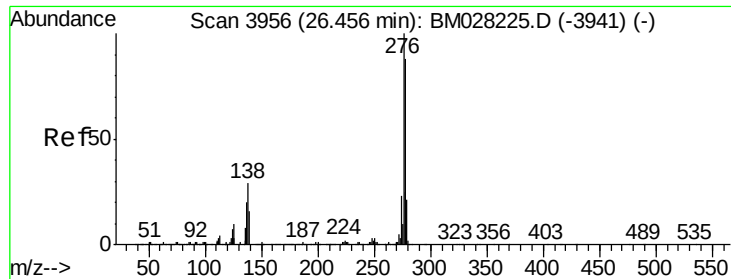


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



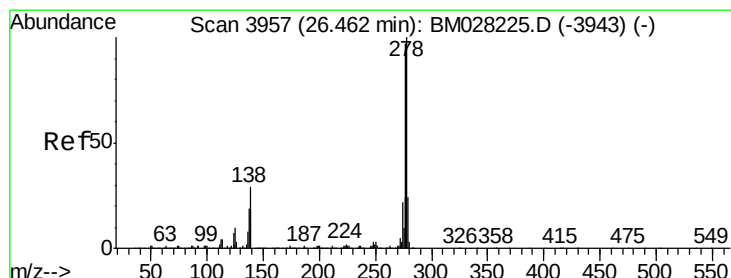
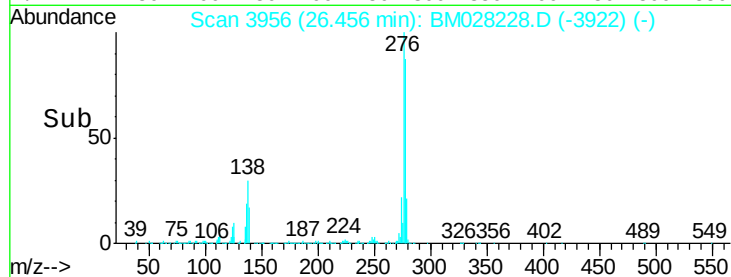
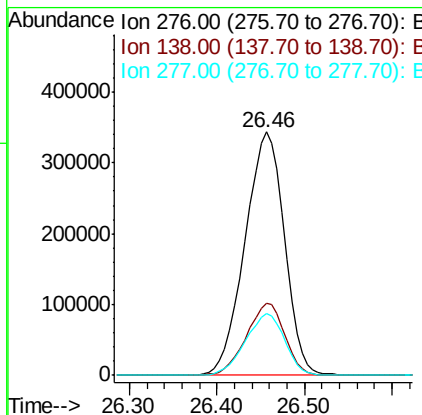
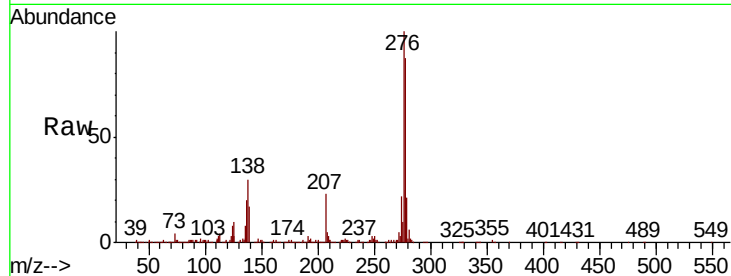


#92

Indeno(1,2,3-cd)pyrene  
Concen: 19.437 ng/ul  
RT: 26.46 min Scan# 3956  
Delta R.T. 0.00 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

Instrument :  
BNA\_M  
ClientSampleId :  
A54L7

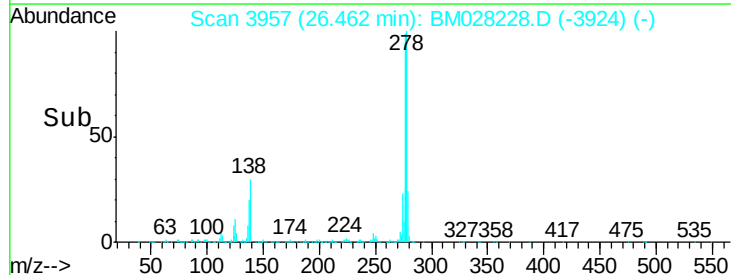
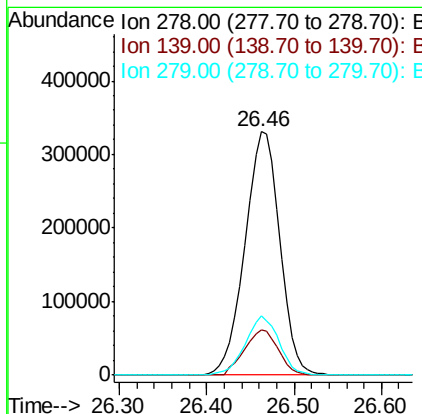
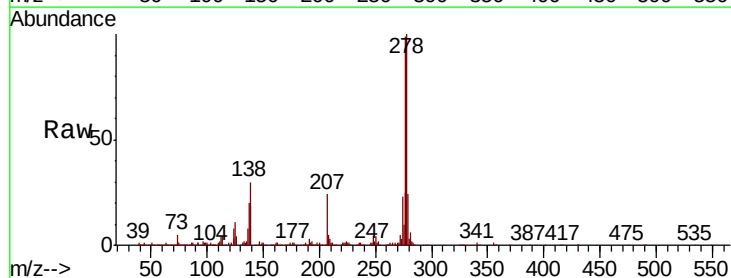
Tot Ion:276 Resp: 1059591  
Ion Ratio Lower Upper  
276 100  
138 29.6 23.3 34.9  
277 25.4 20.2 30.2

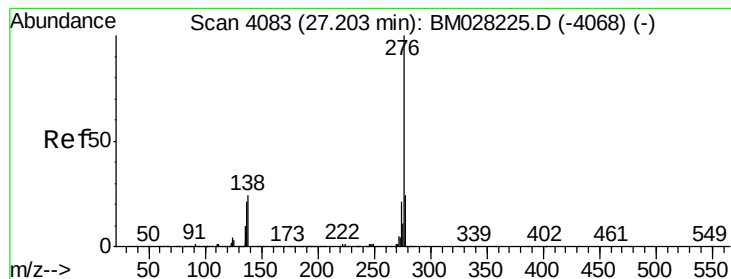


#93

Dibenzo(a,h)anthracene  
Concen: 19.420 ng/ul  
RT: 26.46 min Scan# 3957  
Delta R.T. -0.01 min  
Lab File: BM028228.D  
Acq: 22 Dec 2020 03:44

Tgt Ion:278 Resp: 897356  
Ion Ratio Lower Upper  
278 100  
139 18.6 14.2 21.2  
279 24.4 18.5 27.7





#94

Benzo(a,h,i)perylene

Concen: 19.553 ng/ul

RT: 27.20 min Scan# 4083

Delta R.T. 0.00 min

Lab File: BM028228.D

Acq: 22 Dec 2020 03:44

Instrument :

BNA\_M

ClientSampleId :

A54L7

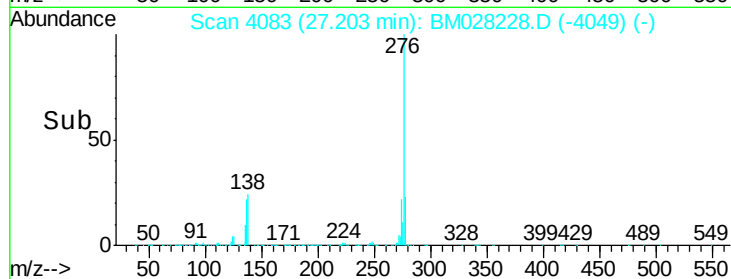
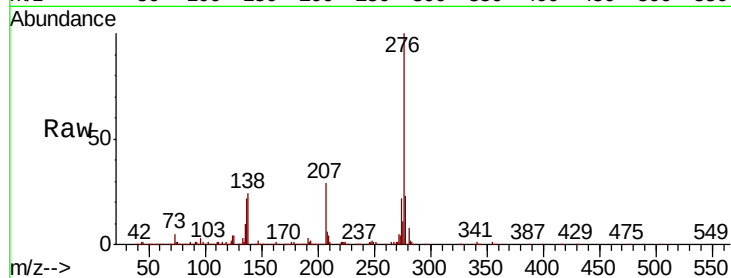
Tot Ion:276 Resp: 895188

Ion Ratio Lower Upper

276 100

138 24.2 19.8 29.8

277 23.2 18.9 28.3



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

