

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\  
 Data File : BM020632.D  
 Acq On : 31 May 2019 15:57  
 Operator : JU/SJ  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM053119

Manual Integrations  
 APPROVED

mohammad  
 6/3/2019 8:48:47 AM

Quant Time: May 31 16:38:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 31 15:48:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 248970   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.63 | 136  | 1149788  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.47 | 164  | 659756   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.22 | 188  | 1363412  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.40 | 240  | 1098343  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.69 | 264  | 1148097  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 1149440 | 81.21 | ng | 0.00 |
| 7) Phenol-d6             | 7.00  | 99  | 1678996 | 80.56 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.00  | 82  | 1812896 | 81.69 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.96 | 330 | 646643  | 79.11 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.10 | 172 | 4044497 | 81.50 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.84 | 244 | 5359098 | 81.61 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.36  | 88  | 236280  | 40.775 | ng | 99     |
| 3) Pyridine                    | 3.75  | 79  | 765386  | 41.514 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.67  | 42  | 318505  | 40.075 | ng | 98     |
| 6) Aniline                     | 7.17  | 93  | 1213274 | 40.235 | ng | 99     |
| 8) 2-Chlorophenol              | 7.40  | 128 | 709218  | 40.279 | ng | 99     |
| 9) Benzaldehyde                | 6.99  | 77  | 488994  | 40.378 | ng | 99     |
| 10) Phenol                     | 7.02  | 94  | 902623  | 40.190 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.27  | 93  | 726352  | 40.581 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.72  | 146 | 813247  | 40.188 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.87  | 146 | 822677  | 39.990 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.19  | 146 | 804807  | 40.200 | ng | 99     |
| 15) Benzyl Alcohol             | 8.07  | 79  | 741691  | 40.229 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.37  | 45  | 1097995 | 39.734 | ng | 100    |
| 17) 2-Methylphenol             | 8.27  | 107 | 628589  | 39.802 | ng | 99     |
| 18) Hexachloroethane           | 8.91  | 117 | 317529  | 40.314 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.65  | 70  | 666811  | 39.804 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.60  | 107 | 861060  | 40.073 | ng | 99     |
| 22) Acetophenone               | 8.66  | 105 | 1174011 | 40.194 | ng | # 98   |
| 24) Nitrobenzene               | 9.04  | 77  | 925101  | 40.835 | ng | 99     |
| 25) Isophorone                 | 9.56  | 82  | 1754534 | 39.747 | ng | 99     |
| 26) 2-Nitrophenol              | 9.75  | 139 | 359423  | 42.569 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.80  | 122 | 635661  | 40.177 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.05 | 93  | 1074330 | 40.251 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.27 | 162 | 708242  | 40.461 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.49 | 180 | 808399  | 40.164 | ng | 99     |
| 31) Naphthalene                | 10.68 | 128 | 2378022 | 40.220 | ng | 99     |
| 32) Benzoic acid               | 9.95  | 122 | 408712m | 41.786 | ng |        |
| 33) 4-Chloroaniline            | 10.79 | 127 | 1097268 | 39.876 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.96 | 225 | 480704  | 39.804 | ng | 99     |
| 35) Caprolactam                | 11.58 | 113 | 238747  | 39.261 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 11.91 | 107 | 808907  | 39.747 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.29 | 142 | 1740346 | 39.711 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.51 | 142 | 1651329 | 39.572 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.66 | 216 | 873469  | 40.399 | ng | 100    |

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 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICBM053119

Manual Integrations  
 APPROVED

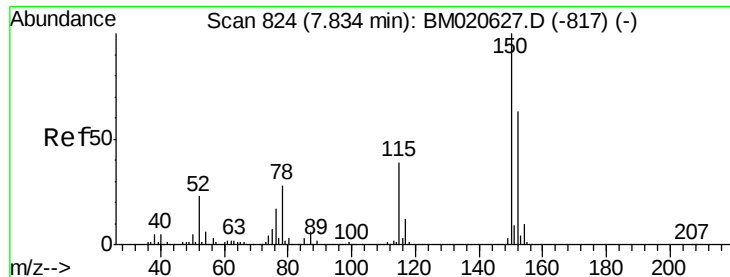
mohammad  
 6/3/2019 8:48:47 AM

Quant Time: May 31 16:38:30 2019  
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 QLast Update : Fri May 31 15:48:49 2019  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.63 | 237  | 531285   | 41.087 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.90 | 196  | 579432   | 41.635 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.96 | 196  | 594229   | 41.359 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.31 | 154  | 2249247  | 40.821 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.35 | 162  | 1806958  | 40.632 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.56 | 65   | 584609   | 41.884 | ng    | 97       |
| 49) Acenaphthylene             | 14.20 | 152  | 2798391  | 40.329 | ng    | 99       |
| 50) Dimethylphthalate          | 13.94 | 163  | 2225370  | 39.481 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.06 | 165  | 463639   | 40.509 | ng    | 96       |
| 52) Acenaphthene               | 14.54 | 154  | 1659995  | 40.144 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.39 | 138  | 518524   | 40.590 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.59 | 184  | 178590   | 40.239 | ng    | 97       |
| 55) Dibenzofuran               | 14.87 | 168  | 2544863  | 39.625 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.68 | 139  | 376532   | 39.998 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.84 | 165  | 618121   | 40.335 | ng    | 100      |
| 58) Fluorene                   | 15.52 | 166  | 2088611  | 39.546 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.09 | 232  | 502138   | 40.108 | ng    | 100      |
| 60) Diethylphthalate           | 15.30 | 149  | 2258799  | 38.855 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.52 | 204  | 1099402  | 39.315 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.55 | 138  | 531326   | 39.217 | ng    | 98       |
| 63) Azobenzene                 | 15.81 | 77   | 2204964  | 39.563 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.60 | 198  | 242502   | 40.724 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.73 | 169  | 1791718  | 41.051 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.42 | 248  | 652927   | 40.674 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.52 | 284  | 760945   | 40.595 | ng    | 99       |
| 69) Atrazine                   | 16.69 | 200  | 554546   | 42.571 | ng    | 100      |
| 70) Pentachlorophenol          | 16.86 | 266  | 372433   | 41.647 | ng    | 97       |
| 71) Phenanthrene               | 17.26 | 178  | 3112542  | 40.275 | ng    | 100      |
| 72) Anthracene                 | 17.35 | 178  | 3116384  | 40.289 | ng    | 100      |
| 73) Carbazole                  | 17.62 | 167  | 2780544  | 39.613 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.19 | 149  | 3617189  | 39.697 | ng    | 99       |
| 75) Fluoranthene               | 19.27 | 202  | 3321268  | 38.644 | ng    | 99       |
| 77) Benzidine                  | 19.46 | 184  | 1355337  | 40.724 | ng    | 99       |
| 78) Pyrene                     | 19.63 | 202  | 3376608  | 40.062 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.54 | 149  | 1425562  | 40.022 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.38 | 228  | 3064364  | 40.064 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.32 | 252  | 1150879  | 41.090 | ng    | 98       |
| 83) Chrysene                   | 21.43 | 228  | 2916942  | 40.120 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.32 | 149  | 2055590  | 39.708 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.22 | 149  | 3334223  | 40.568 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 26.03 | 276  | 3360988  | 45.186 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.00 | 252  | 2891062  | 38.099 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.05 | 252  | 2926241  | 39.461 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.59 | 252  | 2720203  | 39.521 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.04 | 278  | 2795109  | 41.858 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.74 | 276  | 2625951  | 42.337 | ng    | 98       |

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





#1

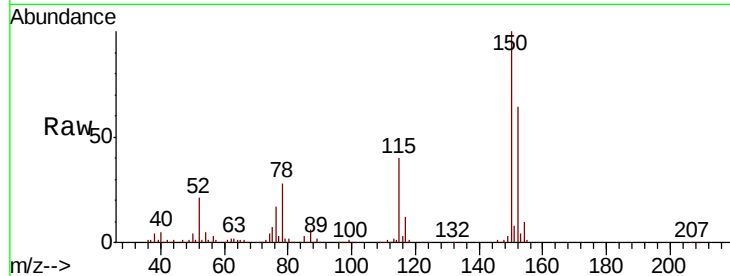
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Concen: 20.000 ng  
RT: 7.84 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.3 | 126.0 | 189.0 |
| 115     | 63.1  | 49.6  | 74.4  |

Manual Integrations  
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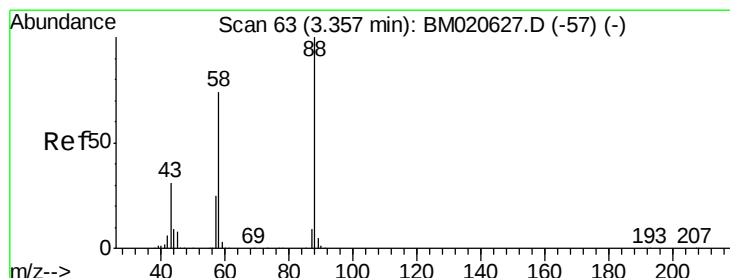
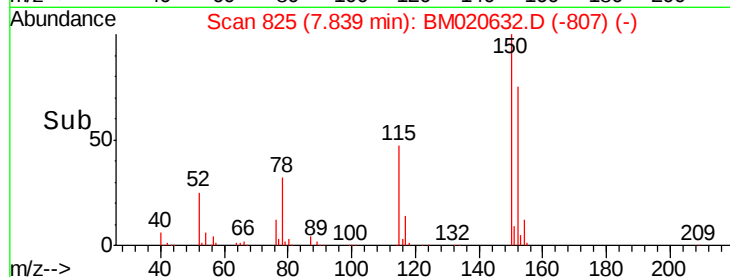
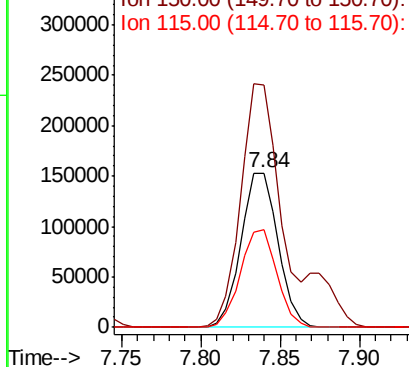


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

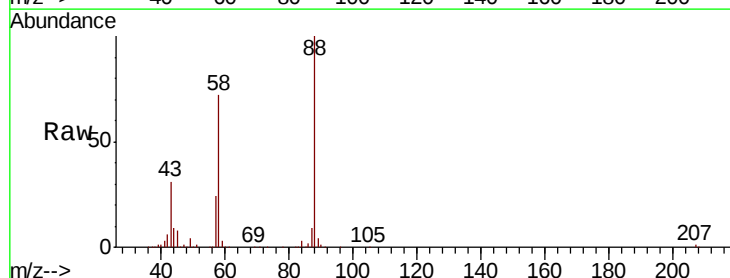
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 40.775 ng  
RT: 3.36 min Scan# 63  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.0  | 60.2  | 90.4  |
| 43      | 31.0  | 25.3  | 37.9  |

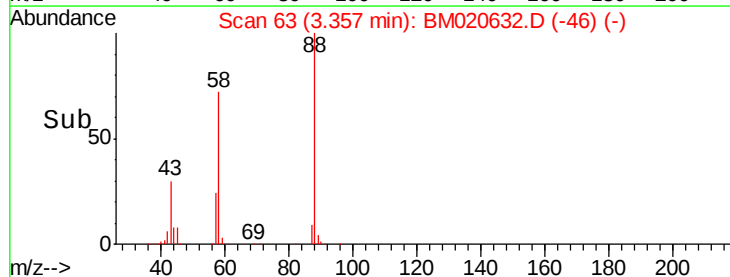
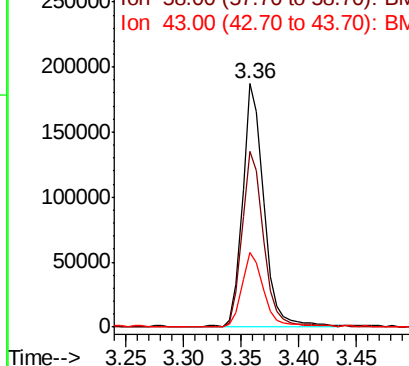


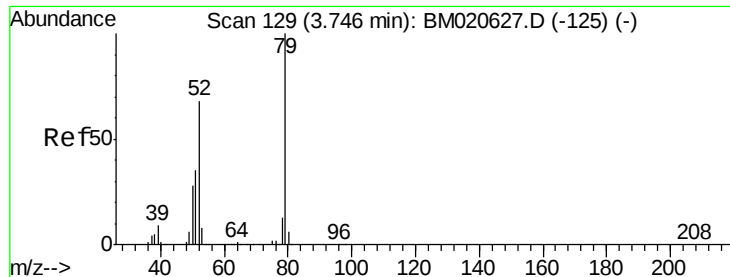
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 41.514 ng

RT: 3.75 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

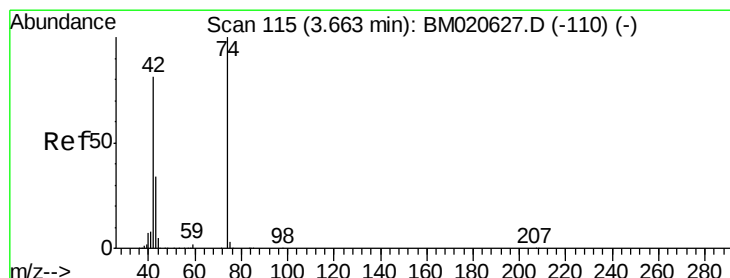
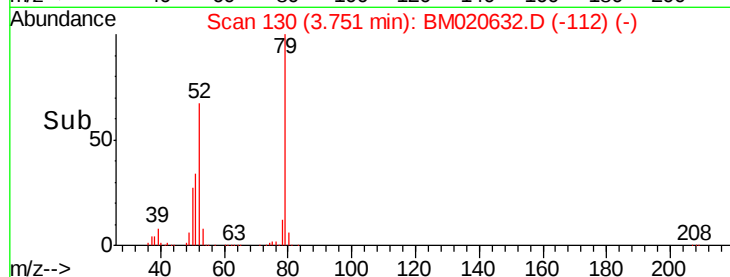
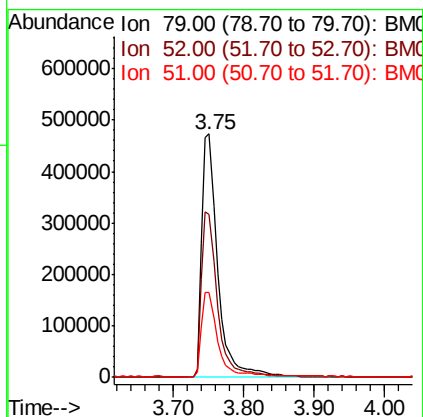
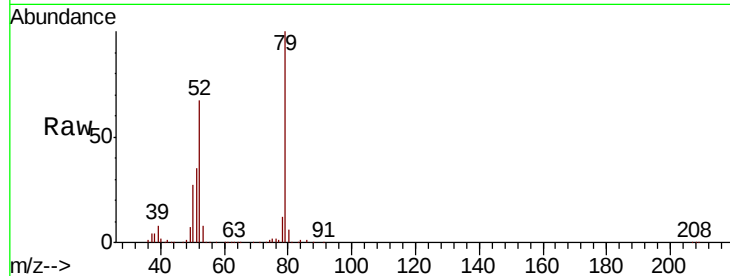
ClientSampleId :

ICVBM053119

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 765386 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 67.2  | 54.1  | 81.1   |
| 51        | 34.8  | 28.6  | 42.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.075 ng

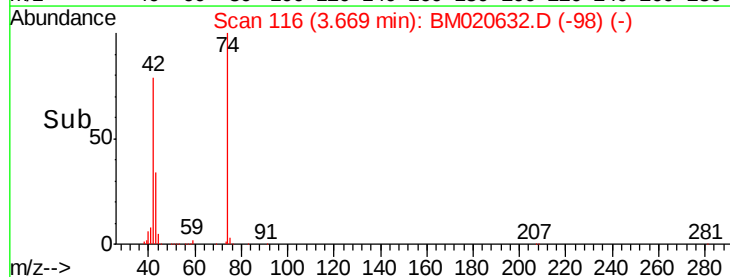
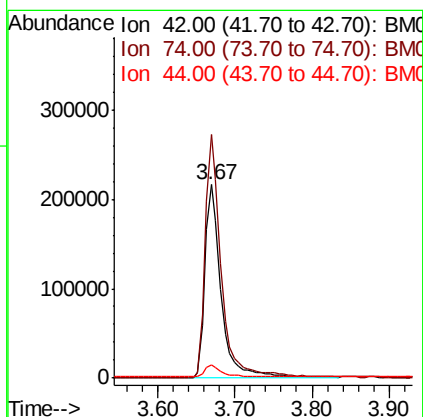
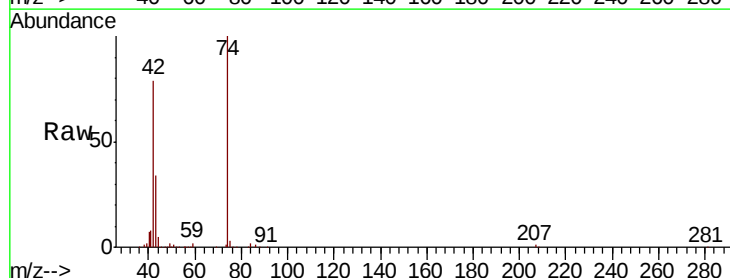
RT: 3.67 min Scan# 116

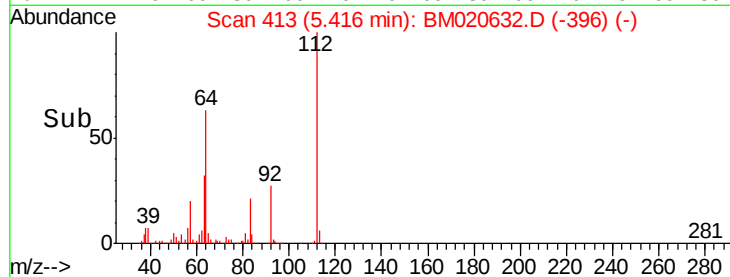
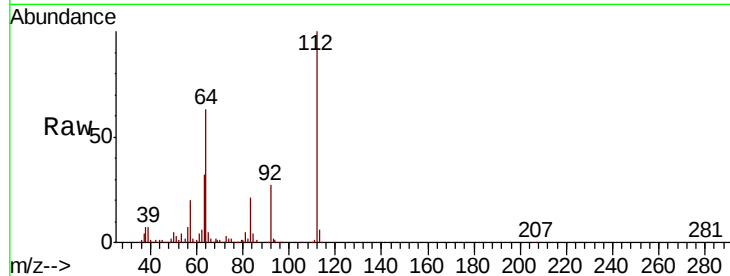
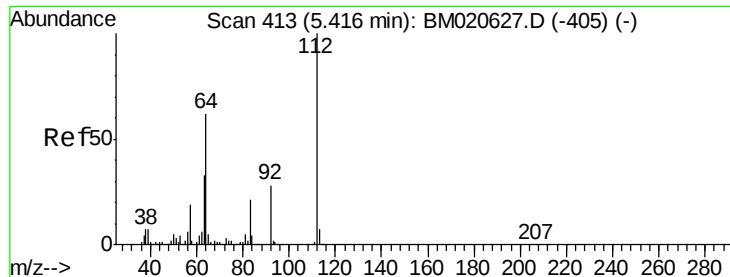
Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 318505 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 126.0 | 99.4  | 149.0  |
| 44        | 6.7   | 5.8   | 8.8    |





#5

2-Fluorophenol

Concen: 81.212 ng

RT: 5.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

| Tot Ion:112 | Resp: 1149440 |       |       |
|-------------|---------------|-------|-------|
| Ion         | Ratio         | Lower | Upper |
| 112         | 100           |       |       |
| 64          | 62.8          | 49.7  | 74.5  |
| 63          | 32.4          | 26.4  | 39.6  |

Instrument :

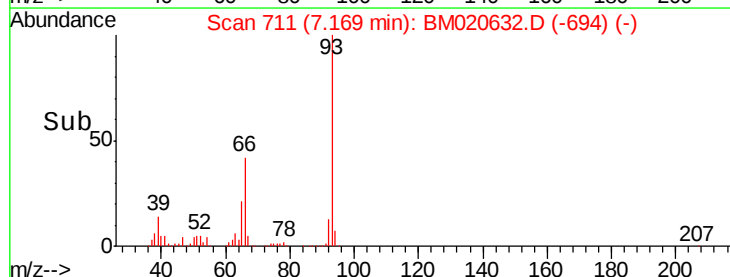
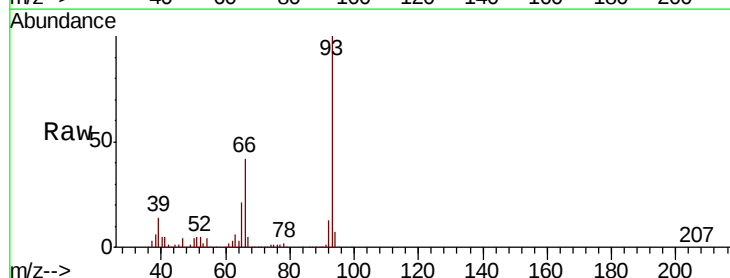
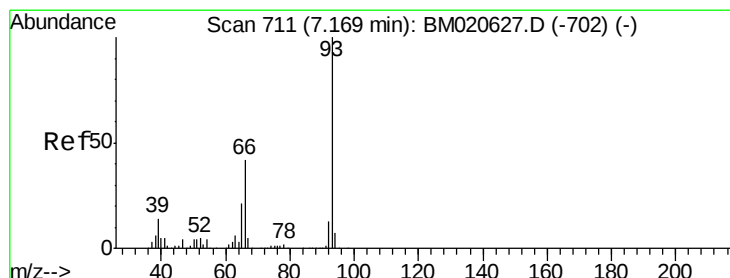
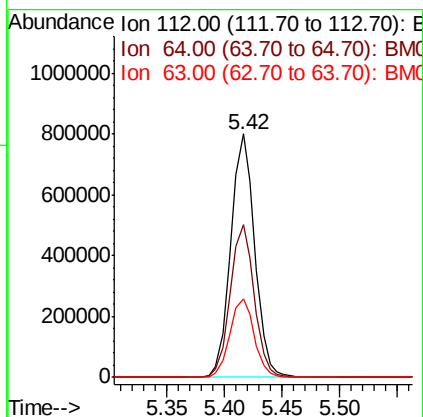
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ClientSampleId :

ICVBM053119

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#6

Aniline

Concen: 40.235 ng

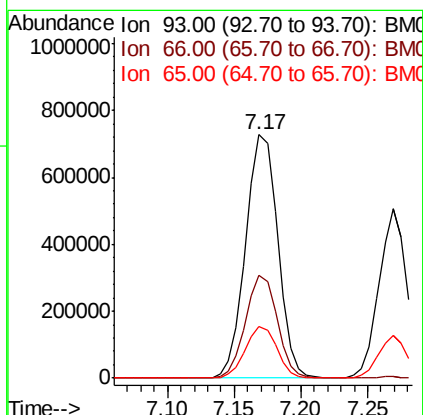
RT: 7.17 min Scan# 711

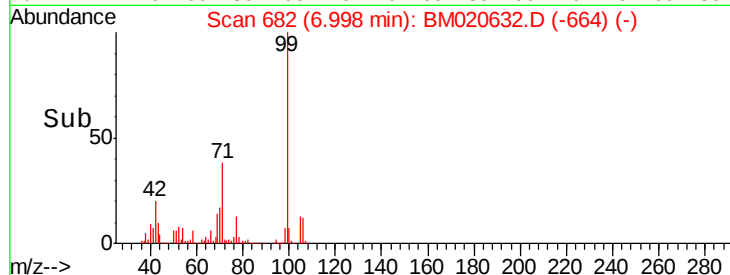
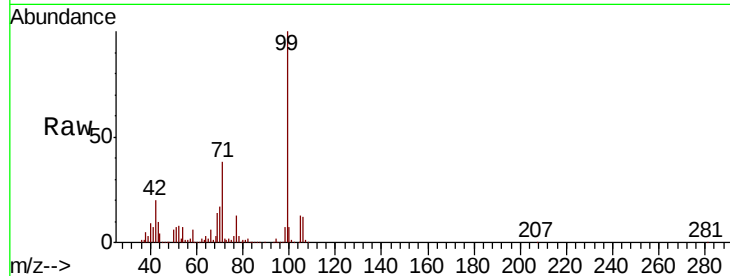
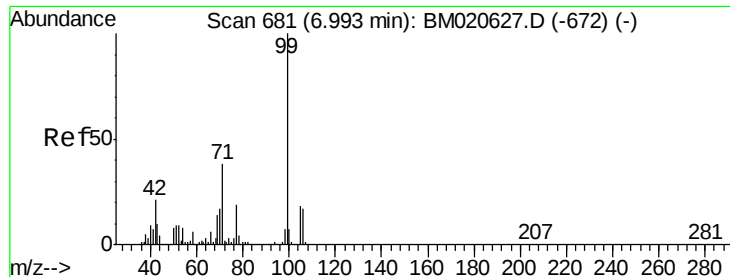
Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

| Tgt Ion: 93 | Resp: 1213274 |       |       |
|-------------|---------------|-------|-------|
| Ion         | Ratio         | Lower | Upper |
| 93          | 100           |       |       |
| 66          | 42.2          | 33.6  | 50.4  |
| 65          | 21.3          | 16.7  | 25.1  |





#7

Phenol-d6

Concen: 80.564 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1678996 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 19.9  | 16.5  | 24.7    |
| 71       | 37.7  | 30.7  | 46.1    |

Instrument :

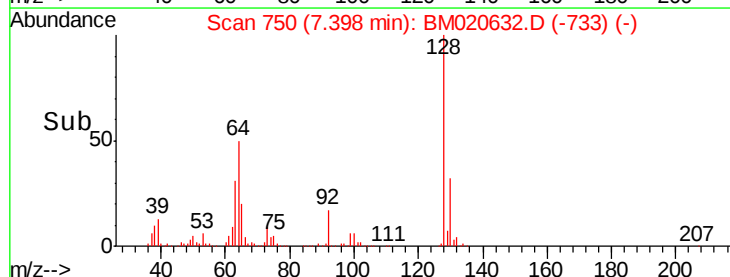
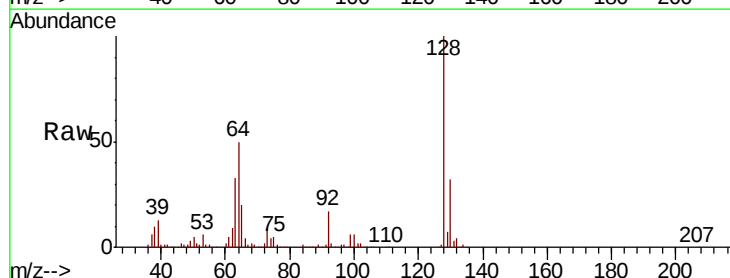
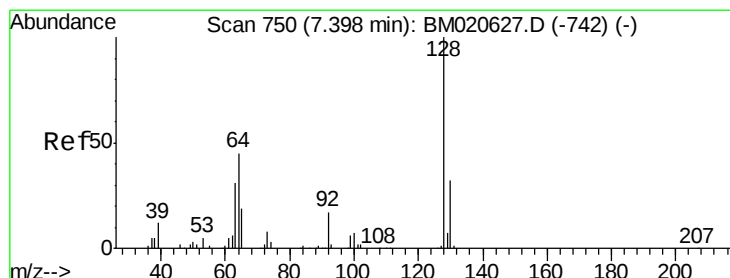
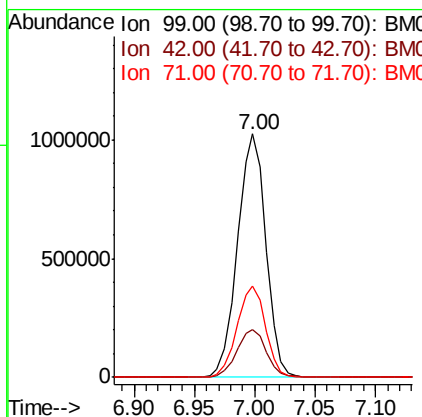
BNA\_M

ClientSampleId :

ICVBM053119

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.279 ng

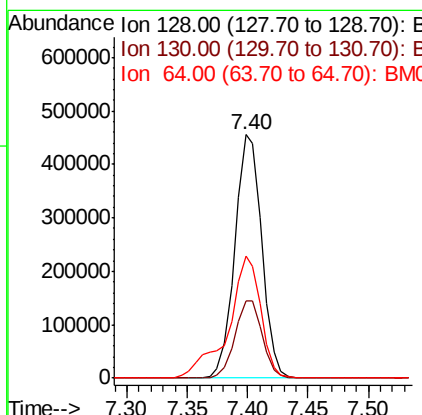
RT: 7.40 min Scan# 750

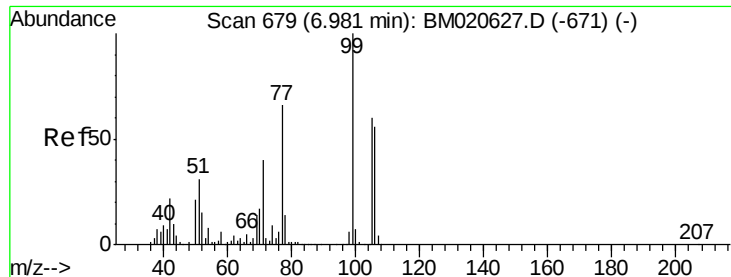
Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 709218 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.6  | 12.2  | 52.2   |
| 64       | 50.0  | 29.1  | 69.1   |





#9

Benzaldehyde

Concen: 40.378 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

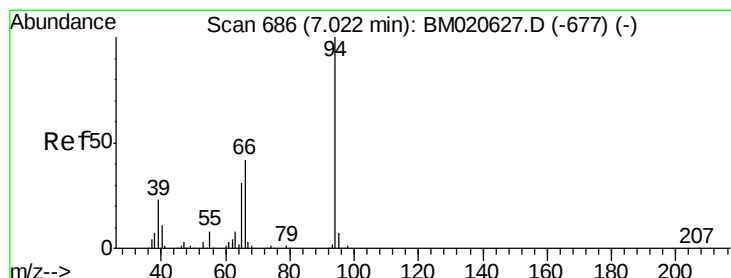
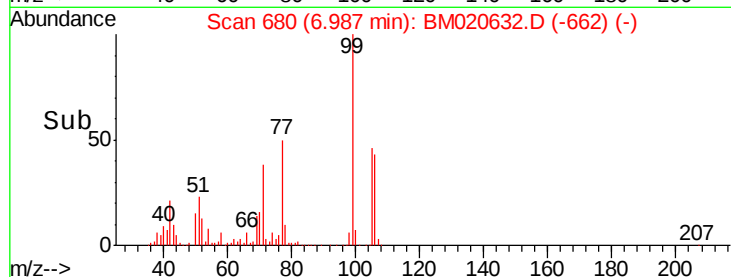
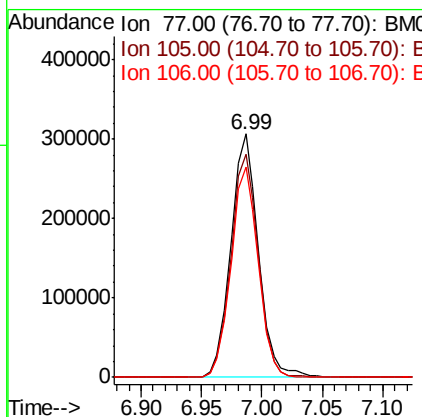
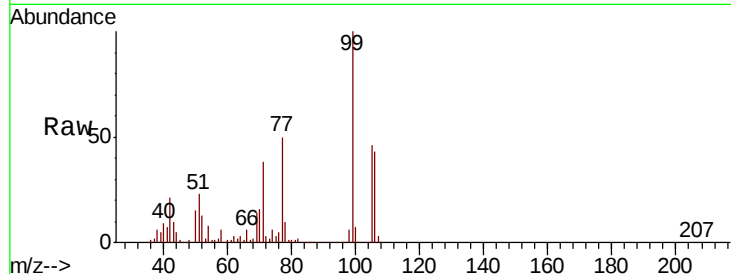
ClientSampleId :

ICVBM053119

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 488994 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 91.4  | 70.6  | 110.6  |
| 106      | 86.6  | 64.9  | 104.9  |

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#10

Phenol

Concen: 40.190 ng

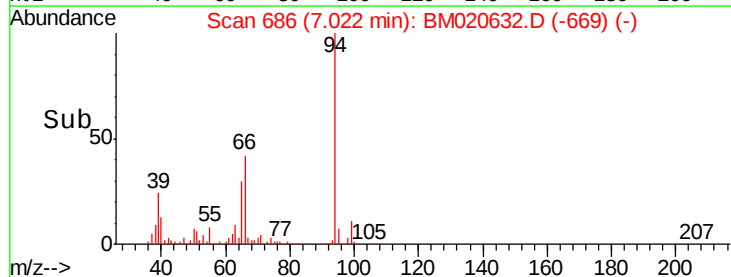
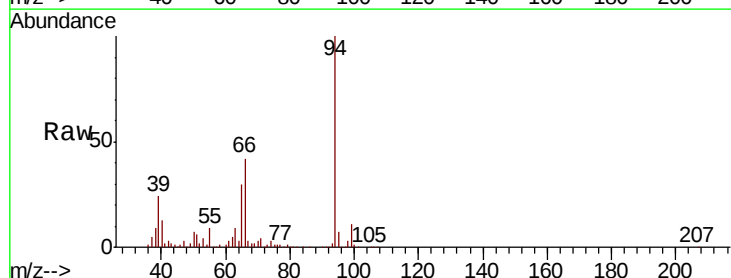
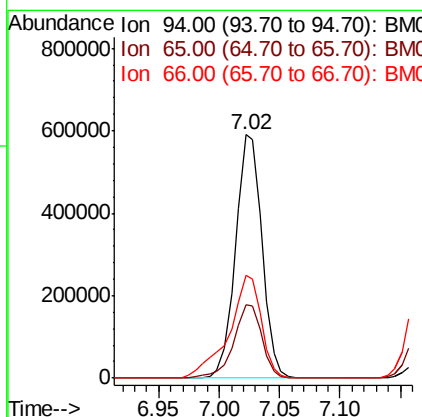
RT: 7.02 min Scan# 686

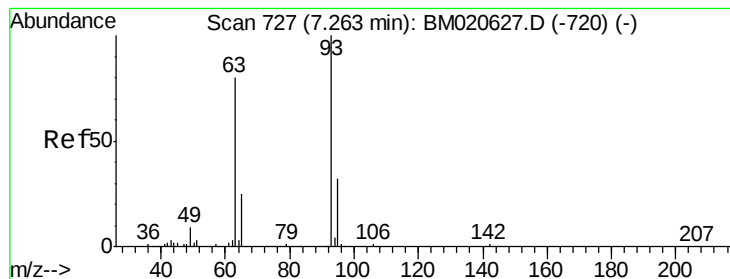
Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 902623 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.3  | 10.7  | 50.7   |
| 66       | 42.4  | 22.3  | 62.3   |





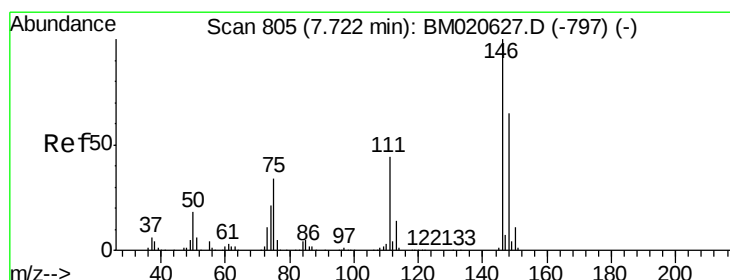
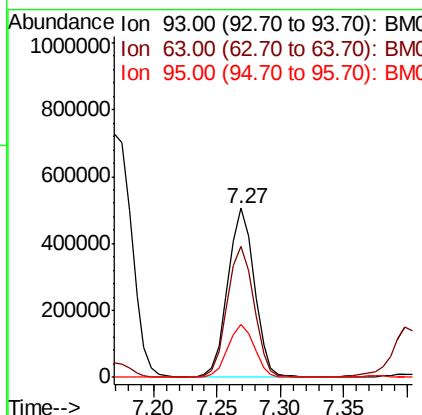
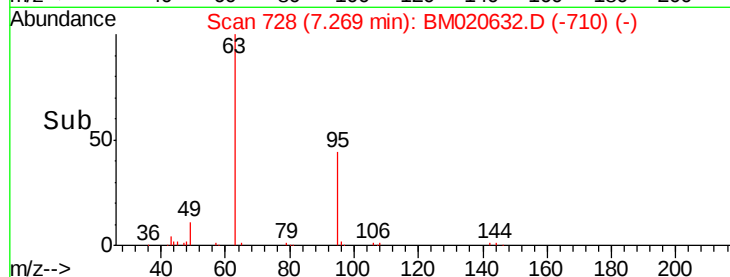
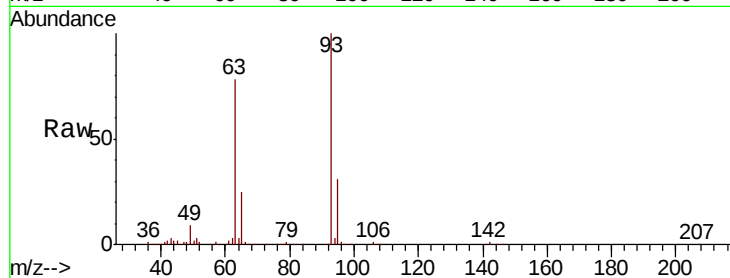
#11  
bis(2-Chloroethyl)ether  
Concen: 40.581 ng  
RT: 7.27 min Scan# 728  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.7  | 60.0  | 100.0 |
| 95      | 31.5  | 12.2  | 52.2  |

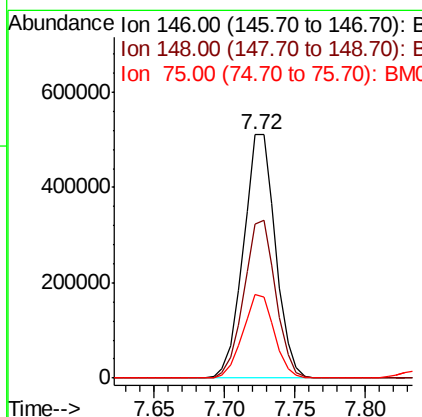
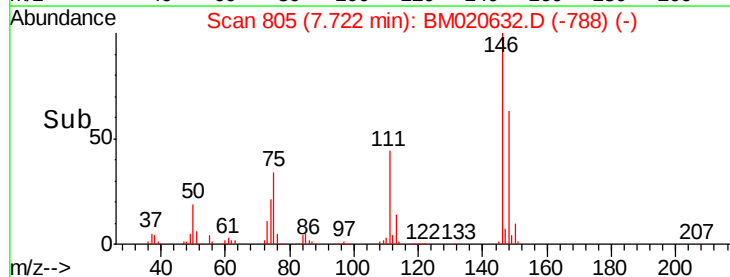
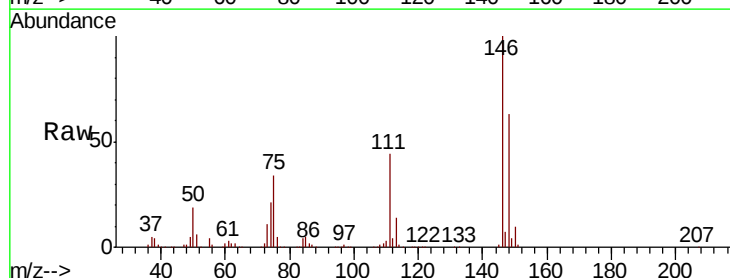
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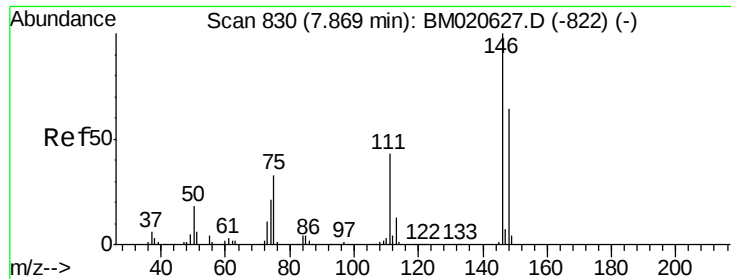
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 40.188 ng  
RT: 7.72 min Scan# 805  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 52.0  | 78.0  |
| 75      | 34.2  | 27.0  | 40.4  |





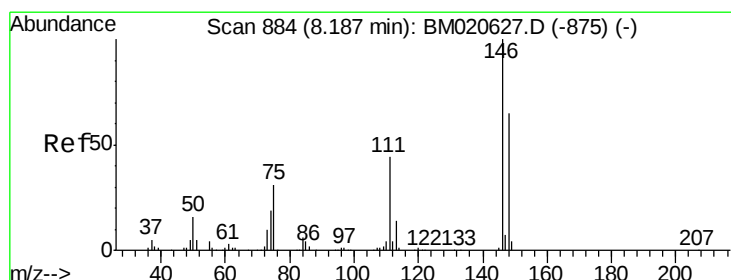
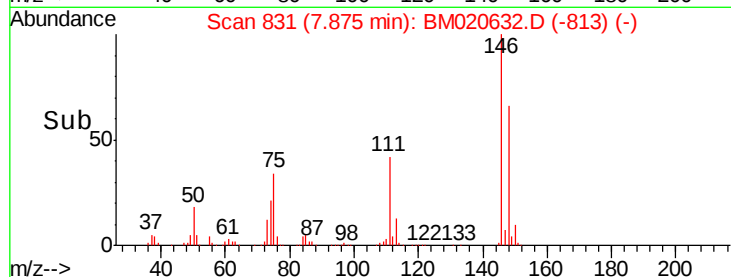
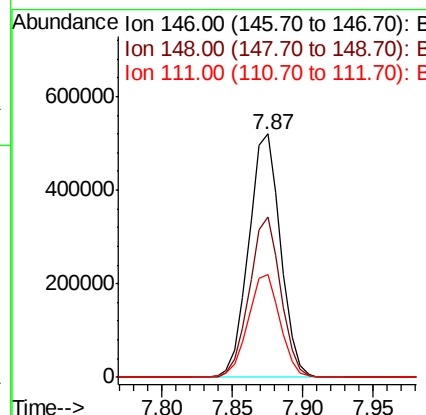
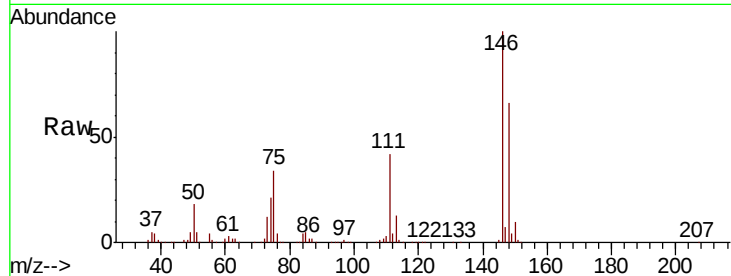
#13  
 1,4-Dichlorobenzene  
 Concen: 39.990 ng  
 RT: 7.87 min Scan# 831  
 Delta R.T. 0.01 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 51.0  | 76.4  |
| 111     | 42.2  | 34.4  | 51.6  |

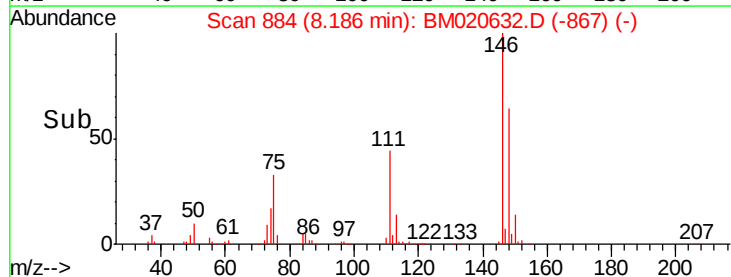
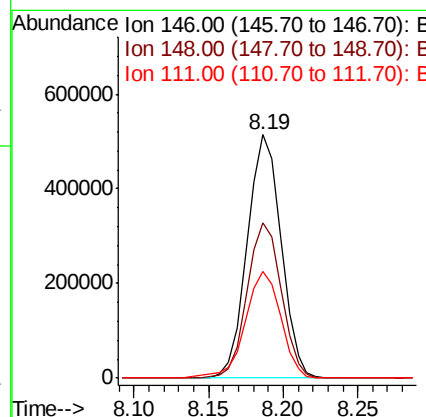
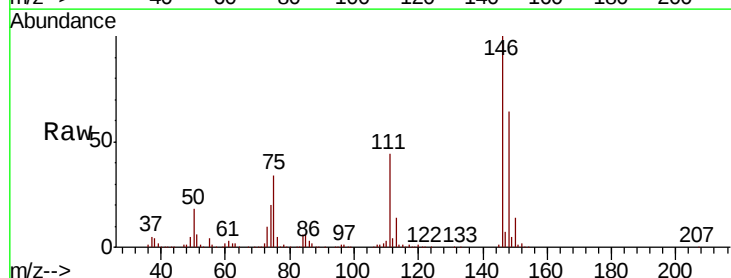
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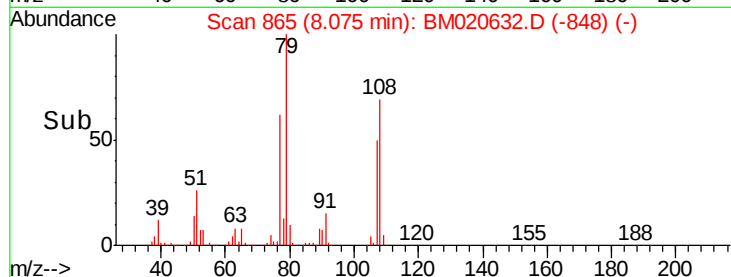
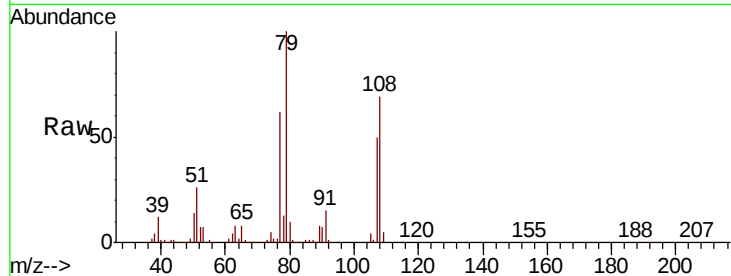
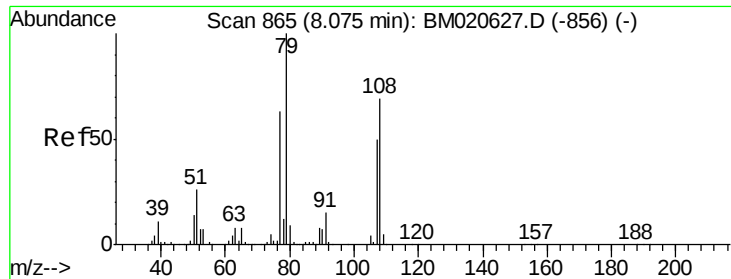
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.200 ng  
 RT: 8.19 min Scan# 884  
 Delta R.T. -0.00 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 51.8  | 77.8  |
| 111     | 43.6  | 35.1  | 52.7  |





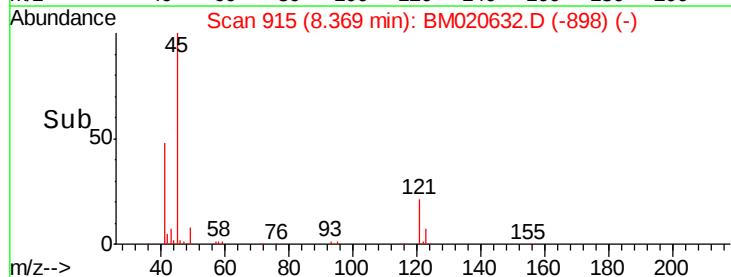
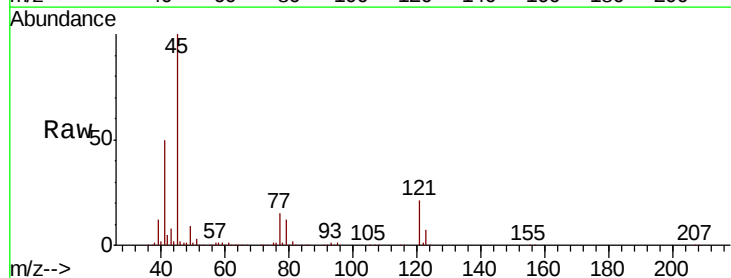
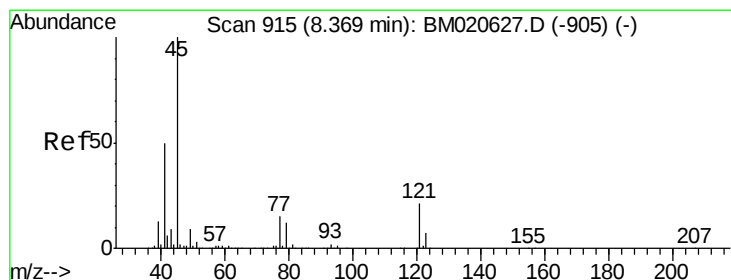
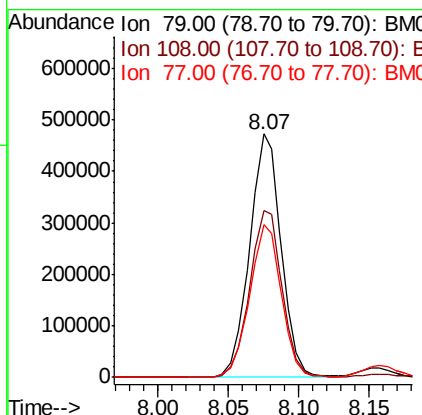
#15  
Benzyl Alcohol  
Concen: 40.229 ng  
RT: 8.07 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 68.7  | 54.9  | 82.3  |
| 77      | 62.5  | 50.2  | 75.4  |

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

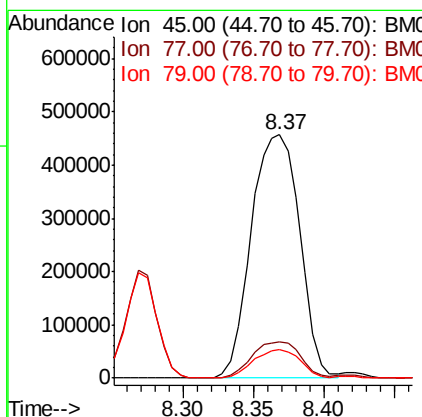
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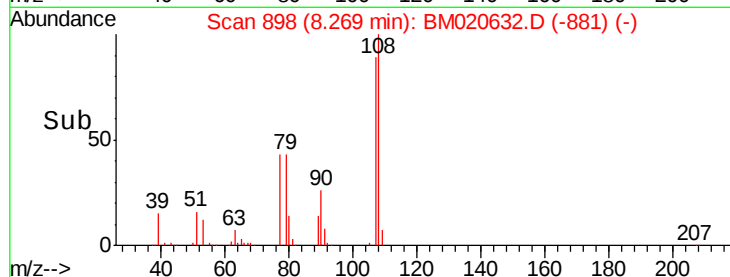
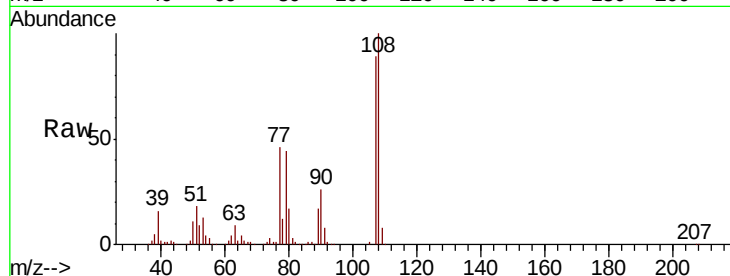
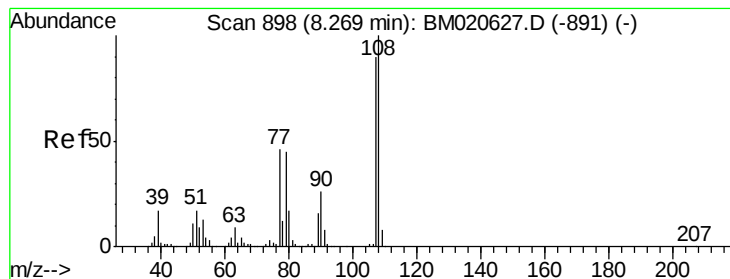
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.734 ng  
RT: 8.37 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.8  | 0.0   | 34.9  |
| 79      | 11.7  | 0.0   | 31.8  |





#17

2-Methylphenol

Concen: 39.802 ng

RT: 8.27 min Scan# 898

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.5 | 88.6 | 133.0 |       |
| 77      | 51.2  | 40.6 | 61.0  |       |
| 79      | 50.0  | 39.9 | 59.9  |       |

Instrument :

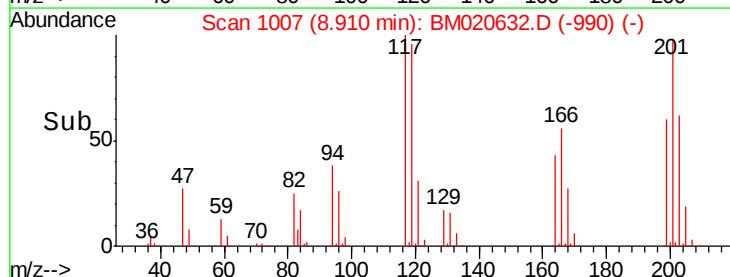
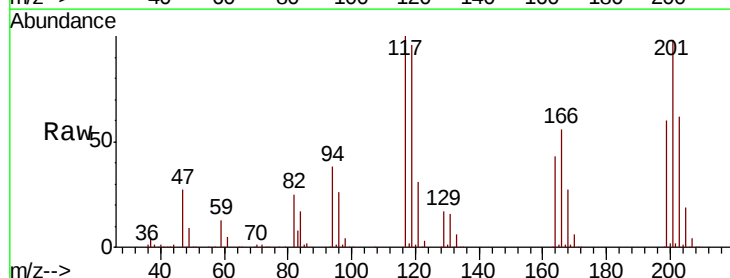
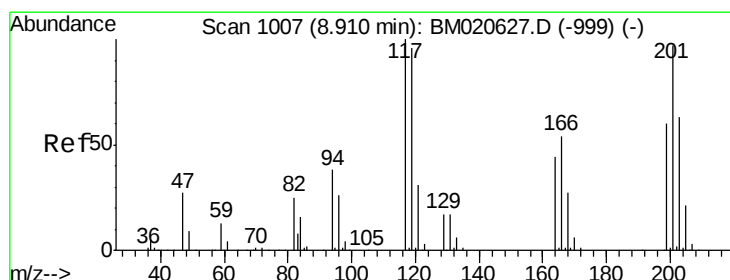
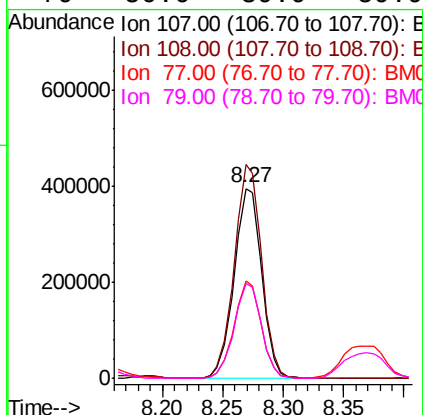
BNA\_M

ClientSampleId :

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#18

Hexachloroethane

Concen: 40.314 ng

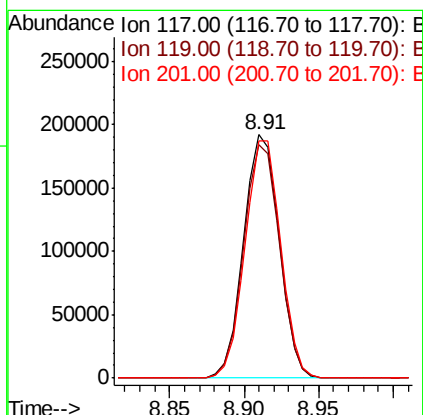
RT: 8.91 min Scan# 1007

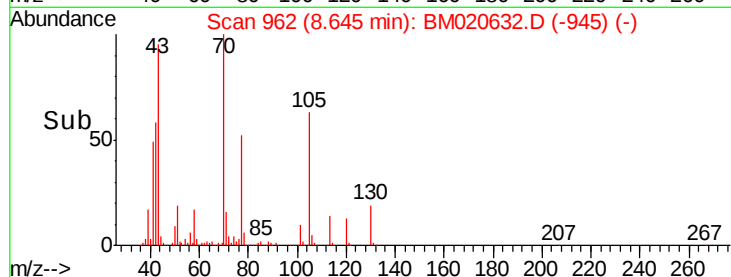
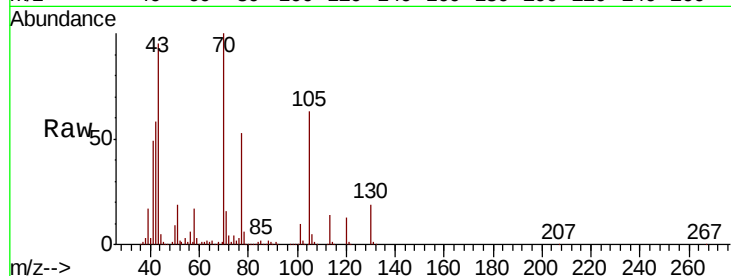
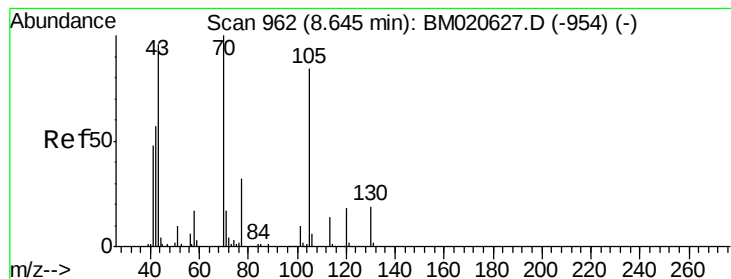
Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.7  | 76.7 | 115.1 |       |
| 201     | 97.5  | 77.9 | 116.9 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 39.804 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

ClientSampleId :

ICVBM053119

Tot Ion: 70 Resp: 666811

Ion Ratio Lower Upper

70 100

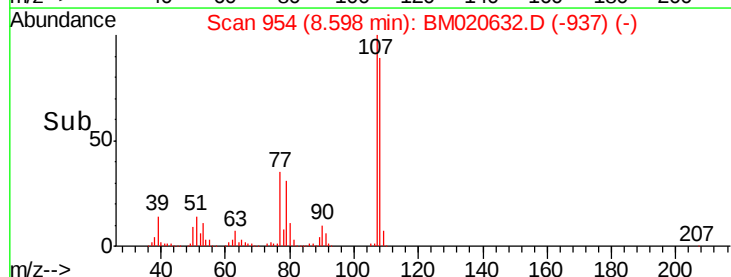
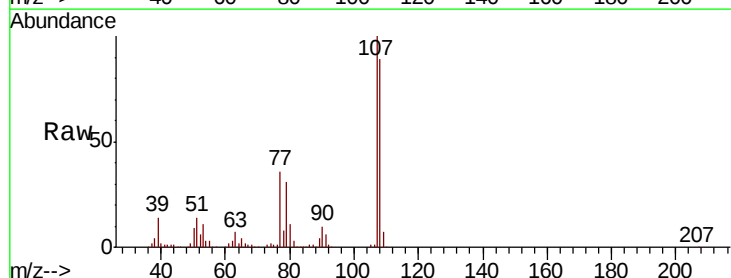
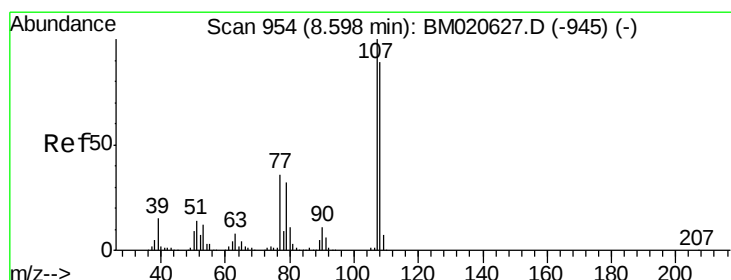
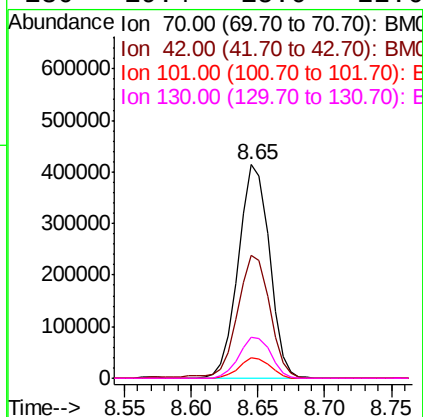
42 57.6 46.8 70.2

101 9.6 7.8 11.6

130 19.4 15.0 22.6

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#20

3+4-Methylphenols

Concen: 40.073 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Tgt Ion: 107 Resp: 861060

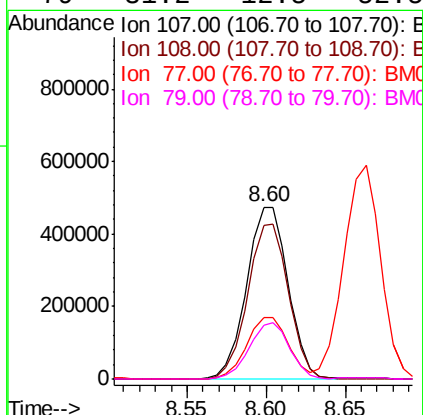
Ion Ratio Lower Upper

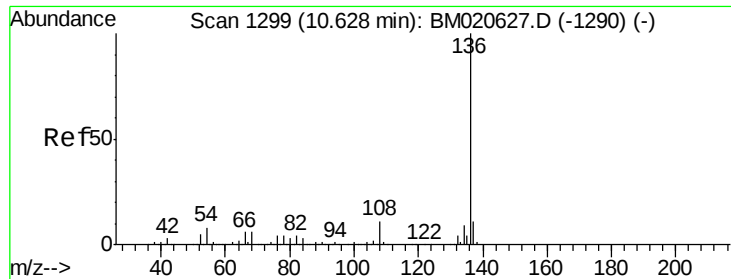
107 100

108 89.2 69.2 109.2

77 35.6 16.2 56.2

79 31.2 12.5 52.5





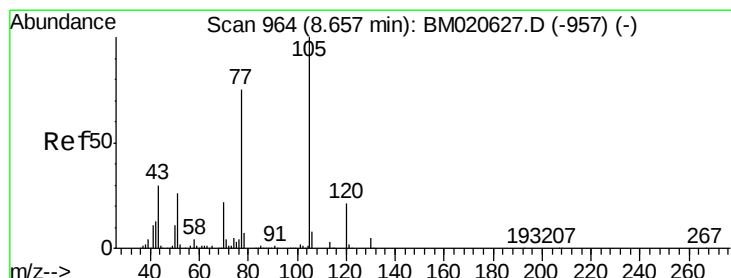
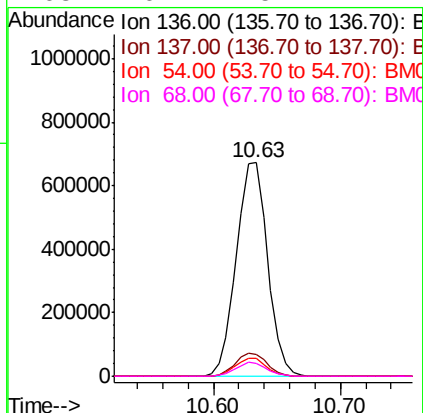
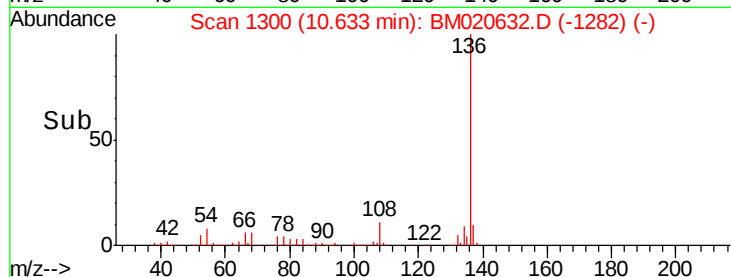
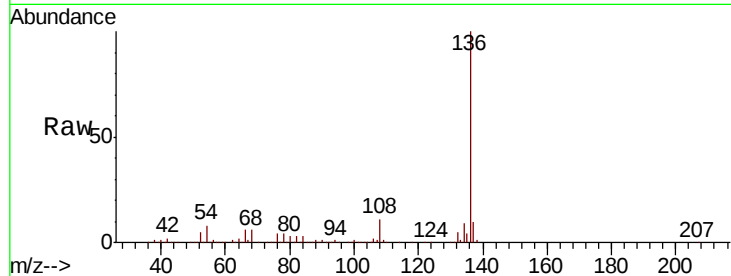
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.63 min Scan# 1300  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.4  | 8.8   | 13.2  |
| 54      | 8.1   | 6.6   | 10.0  |
| 68      | 6.1   | 5.1   | 7.7   |

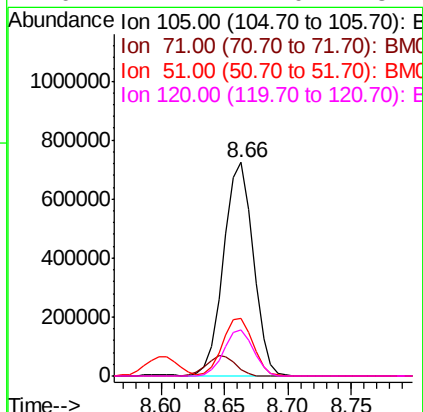
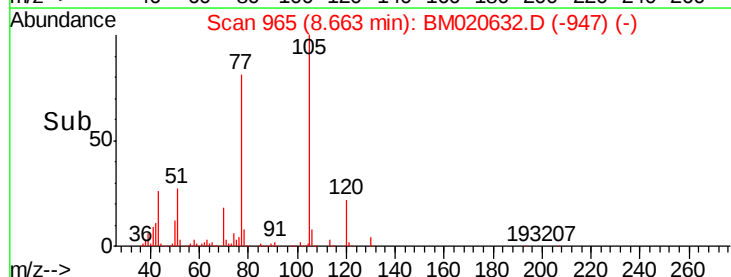
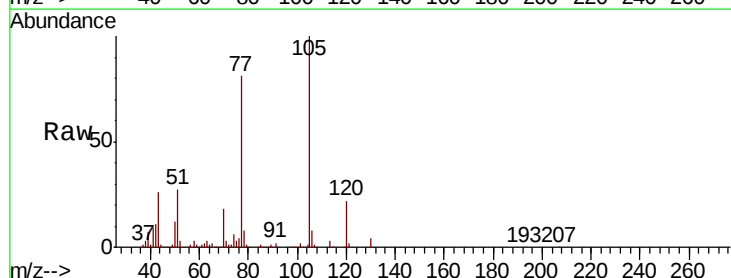
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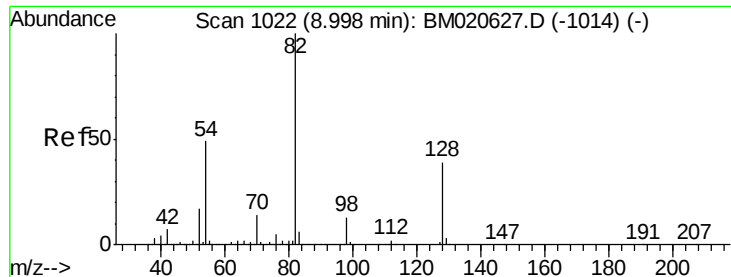
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#22  
Acetophenone  
Concen: 40.194 ng  
RT: 8.66 min Scan# 965  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 3.0   | 3.2   | 4.8#  |
| 51      | 27.3  | 22.8  | 34.2  |
| 120     | 21.7  | 17.0  | 25.4  |





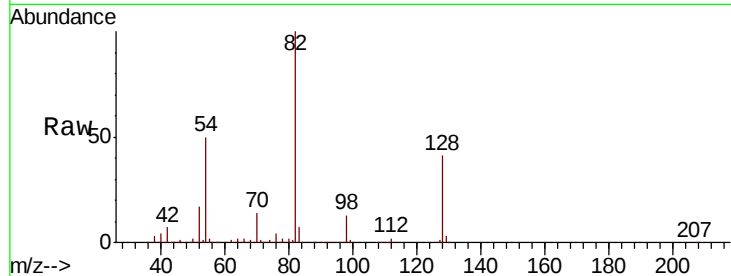
#23  
 Nitrobenzene-d5  
 Concen: 81.693 ng  
 RT: 9.00 min Scan# 1022  
 Delta R.T. -0.00 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.6  | 31.5  | 47.3  |
| 54      | 50.1  | 39.4  | 59.0  |

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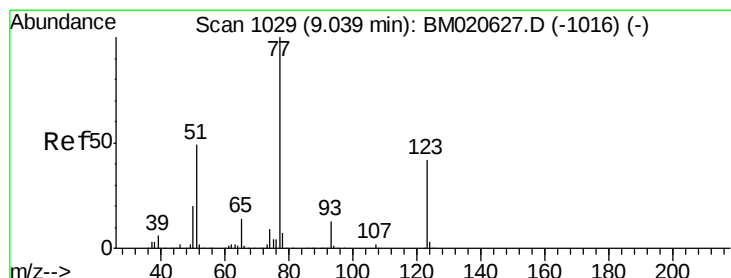
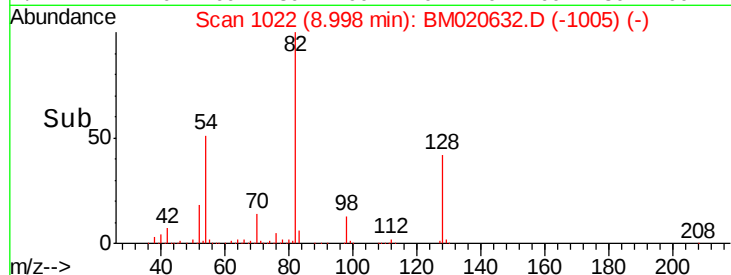
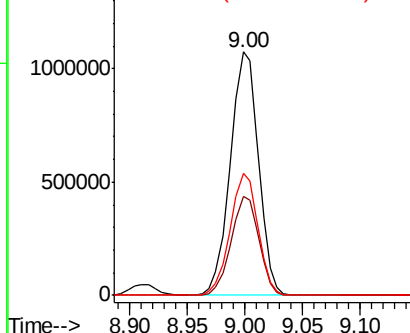


Abundance

Ion 82.00 (81.70 to 82.70): BM020632.D (-1014) (-)

Ion 128.00 (127.70 to 128.70): BM020632.D (-1014) (-)

Ion 54.00 (53.70 to 54.70): BM020632.D (-1014) (-)



#24  
 Nitrobenzene  
 Concen: 40.835 ng  
 RT: 9.04 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

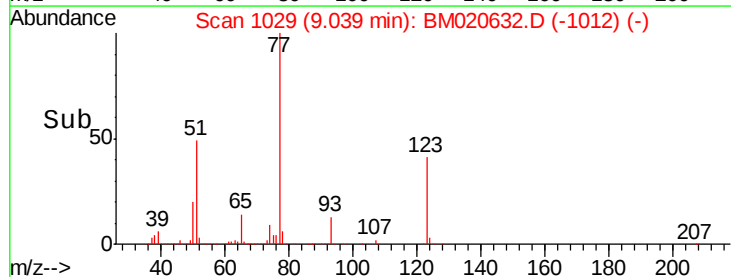
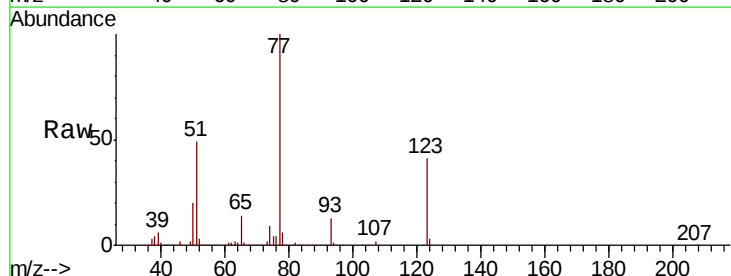
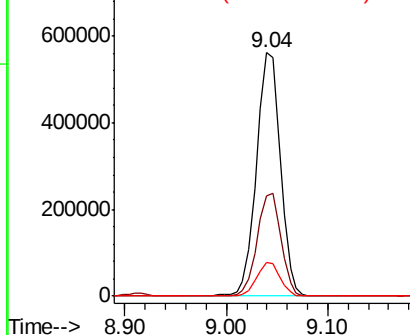
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.3  | 33.7  | 50.5  |
| 65      | 13.7  | 11.0  | 16.6  |

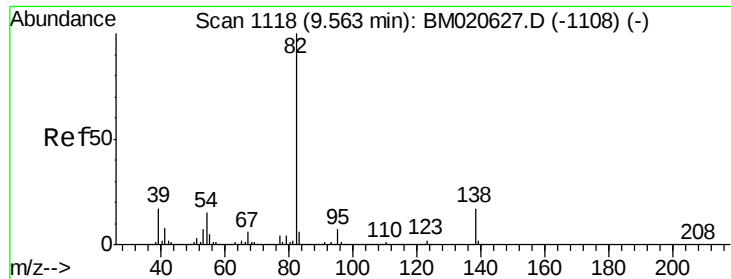
Abundance

Ion 77.00 (76.70 to 77.70): BM020632.D (-1016) (-)

Ion 123.00 (122.70 to 123.70): BM020632.D (-1016) (-)

Ion 65.00 (64.70 to 65.70): BM020632.D (-1016) (-)





#25

Isophorone

Concen: 39.747 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

ClientSampled :

ICVBM053119

Tot Ion: 82 Resp: 1754534

Ion Ratio Lower Upper

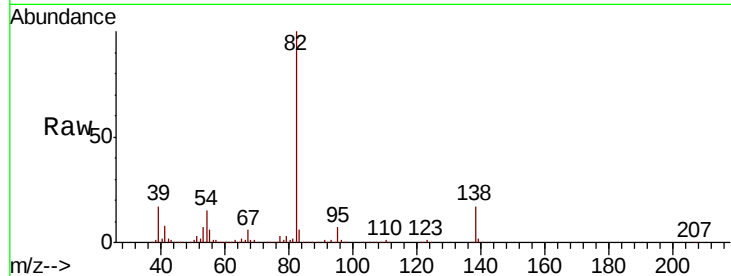
82 100

95 7.3 5.8 8.8

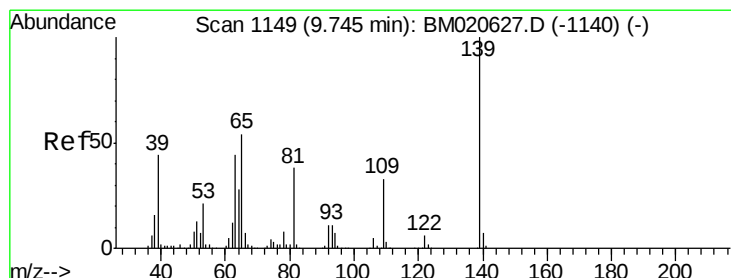
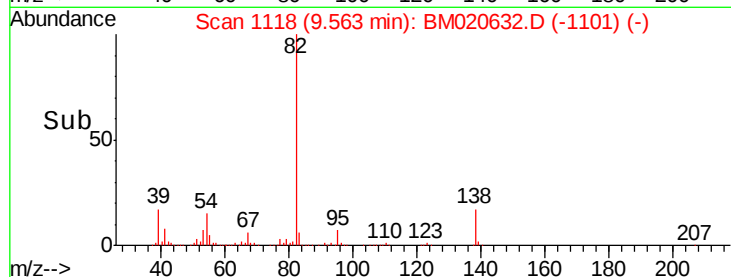
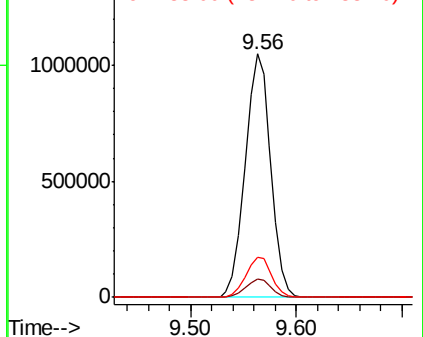
138 16.6 13.8 20.8

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Abundance Ion 82.00 (81.70 to 82.70): BM0  
Ion 95.00 (94.70 to 95.70): BM0  
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 42.569 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

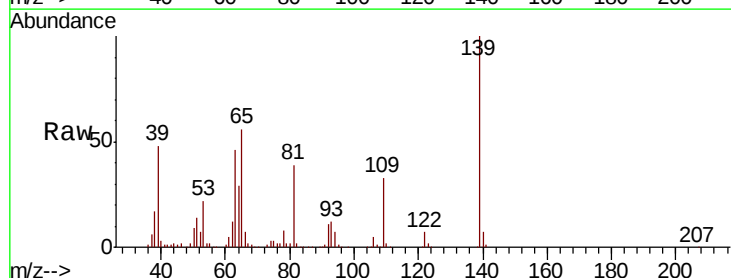
Tgt Ion: 139 Resp: 359423

Ion Ratio Lower Upper

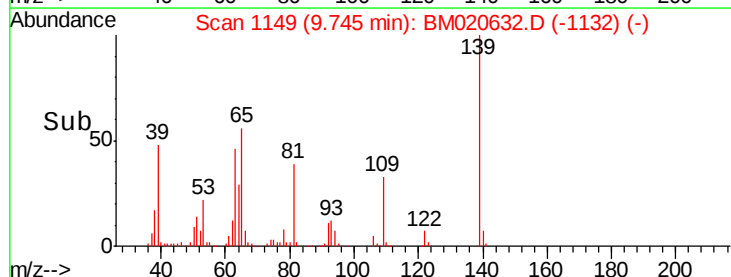
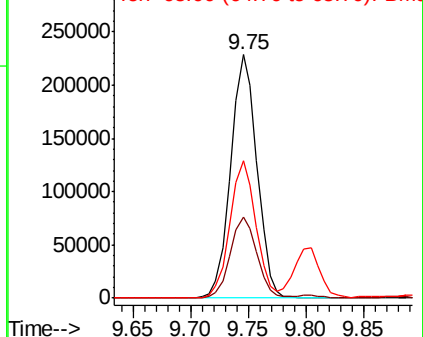
139 100

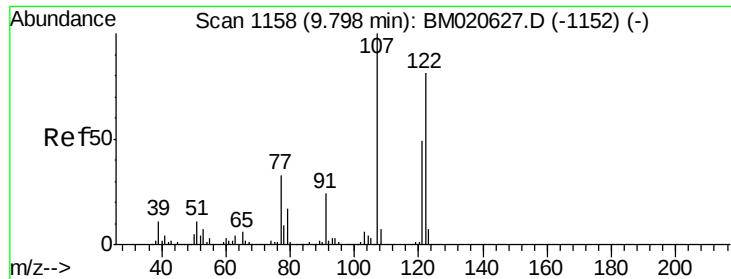
109 33.3 26.1 39.1

65 56.4 43.4 65.0



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BM0





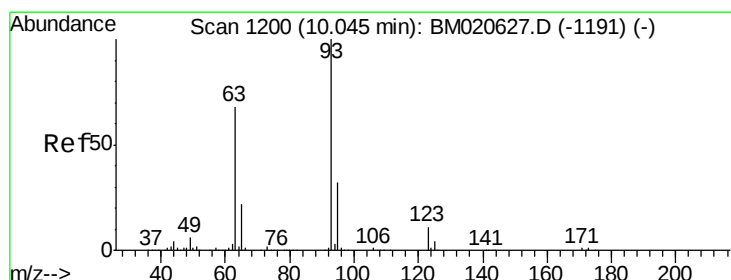
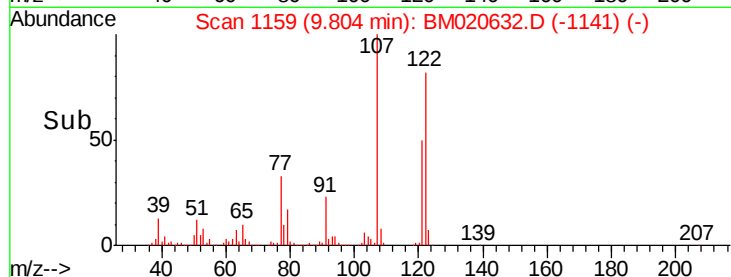
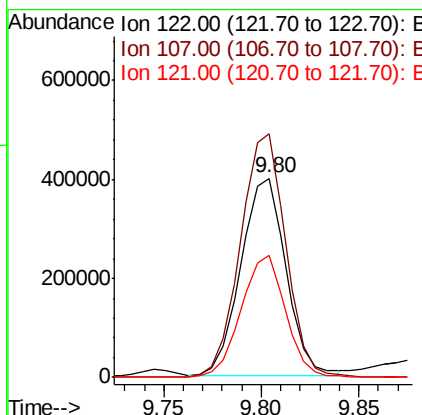
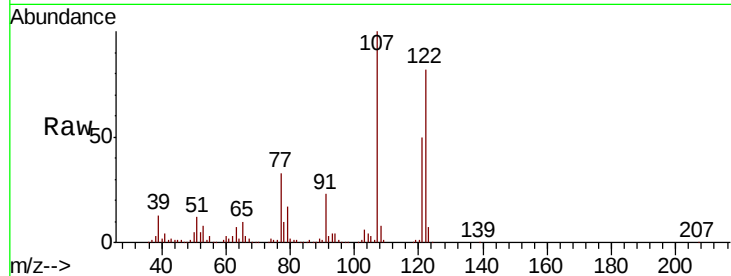
#27  
2,4-Dimethylphenol  
Concen: 40.177 ng  
RT: 9.80 min Scan# 1159  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 635661 |       |       |
| 107     | 122.2 | 98.0   | 147.0 |       |
| 121     | 60.9  | 48.2   | 72.4  |       |

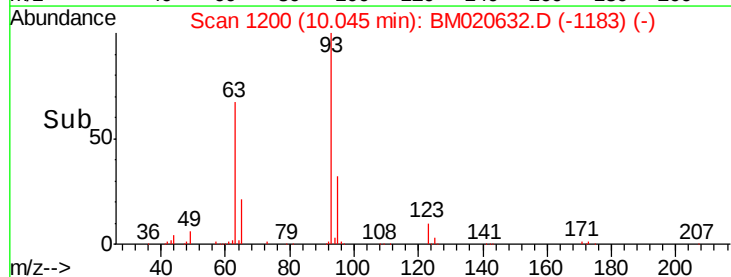
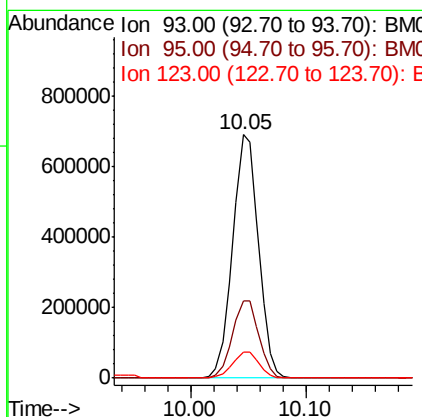
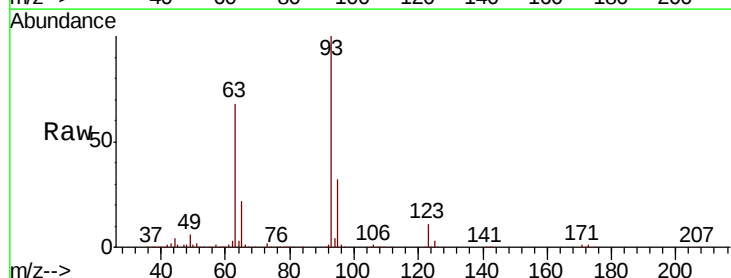
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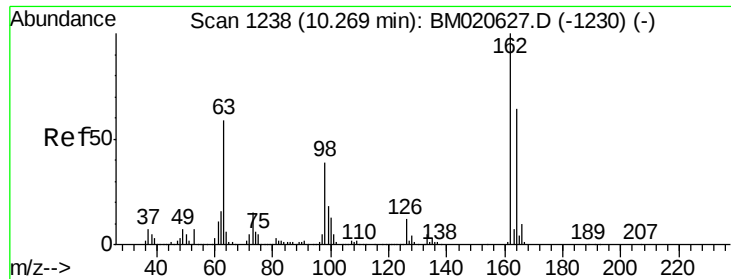
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 40.251 ng  
RT: 10.05 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 93      | 100   | 1074330 |       |       |
| 95      | 31.8  | 25.8    | 38.6  |       |
| 123     | 10.8  | 9.0     | 13.6  |       |





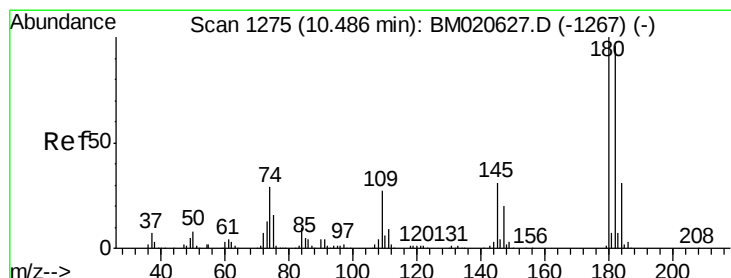
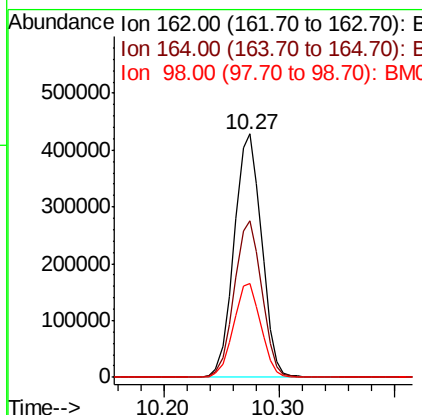
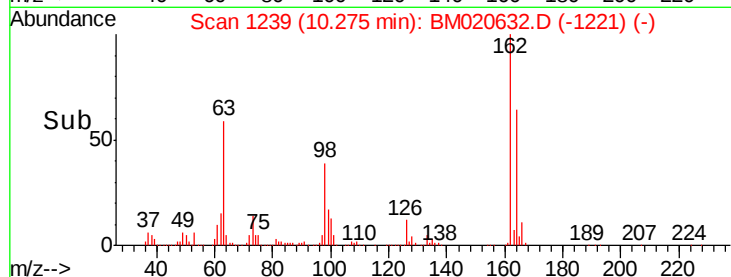
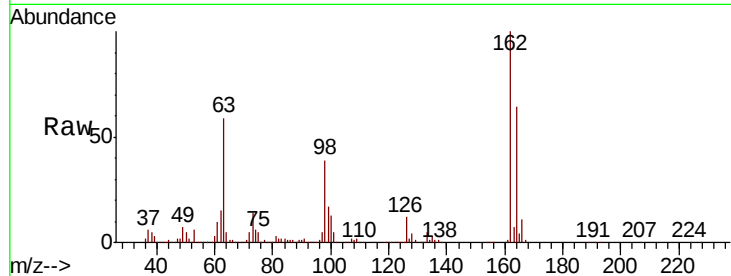
#29  
 2,4-Dichlorophenol  
 Concen: 40.461 ng  
 RT: 10.27 min Scan# 1239  
 Delta R.T. 0.01 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM053119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 708242 |       |       |
| 164     | 64.3  | 43.8   | 83.8  |       |
| 98      | 38.8  | 19.1   | 59.1  |       |

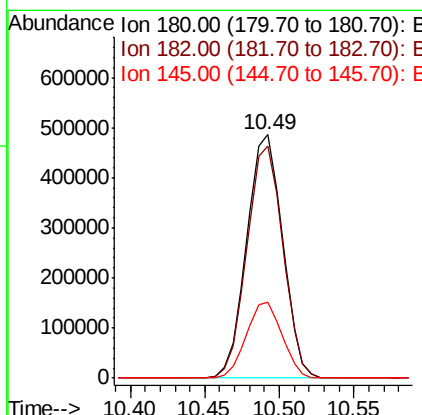
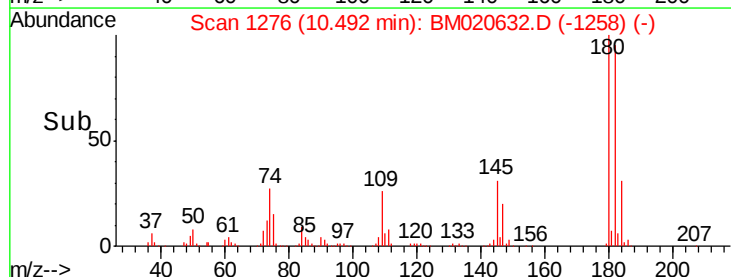
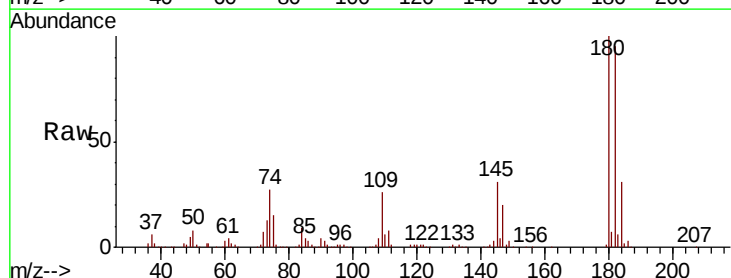
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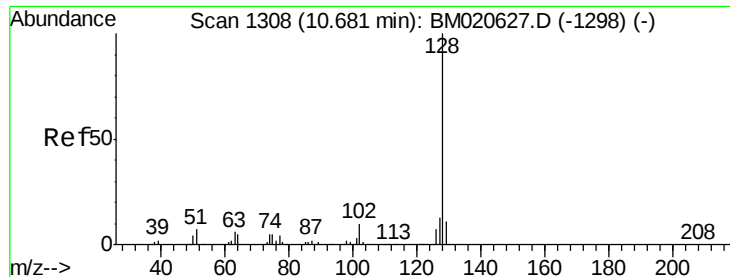
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.164 ng  
 RT: 10.49 min Scan# 1276  
 Delta R.T. 0.01 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 808399 |       |       |
| 182     | 95.4  | 77.0   | 115.6 |       |
| 145     | 31.2  | 25.0   | 37.4  |       |





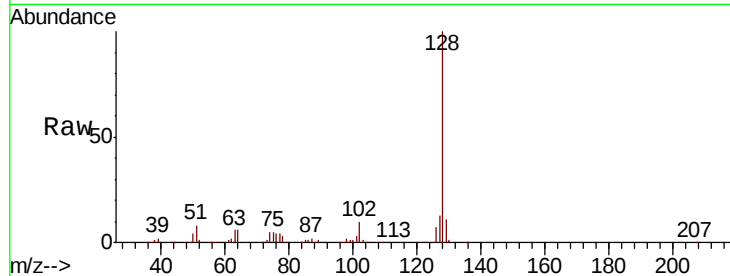
#31  
Naphthalene  
Concen: 40.220 ng  
RT: 10.68 min Scan# 1308  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.7   | 13.1  |
| 127     | 13.2  | 10.3  | 15.5  |

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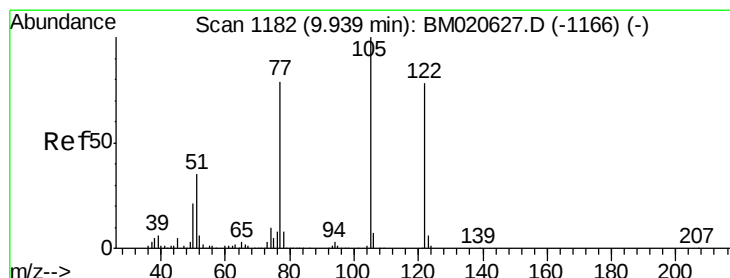
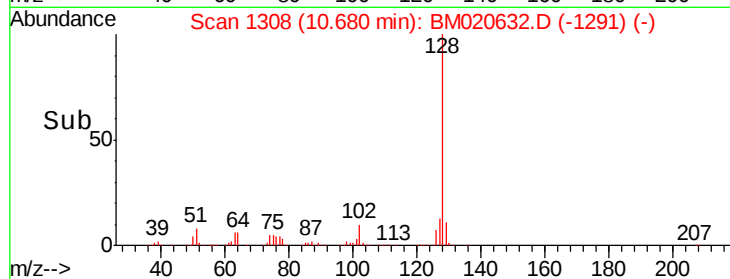
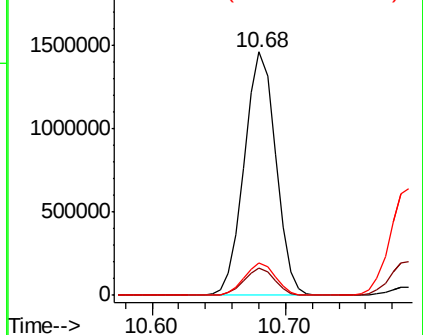


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 41.786 ng m  
RT: 9.95 min Scan# 1183  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

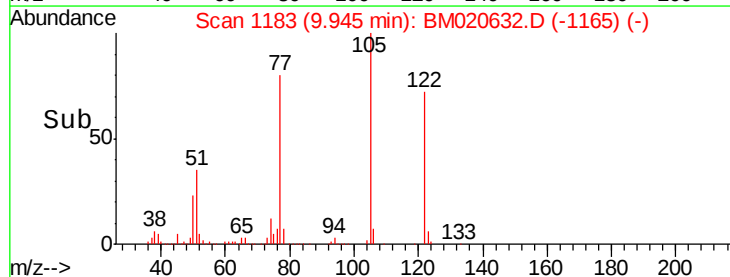
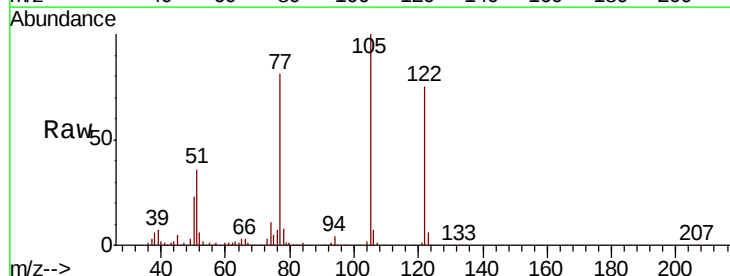
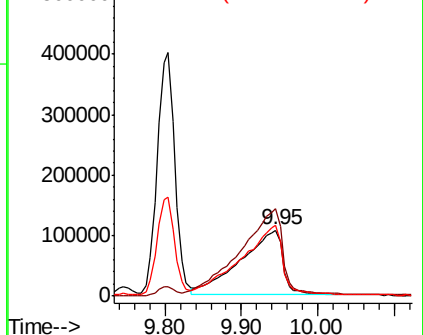
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 132.5 | 107.0 | 147.0 |
| 77      | 107.4 | 80.9  | 120.9 |

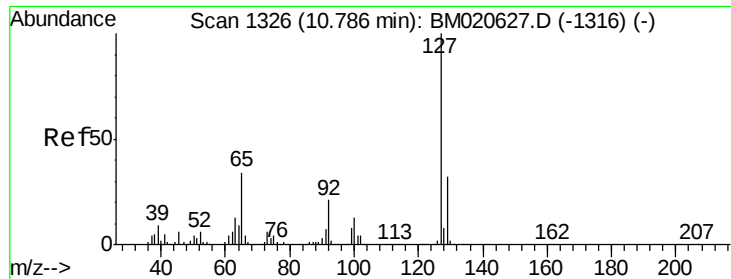
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





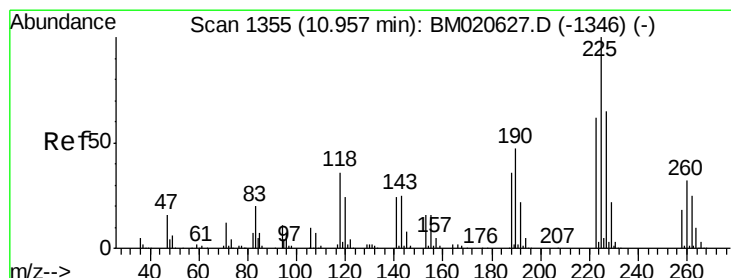
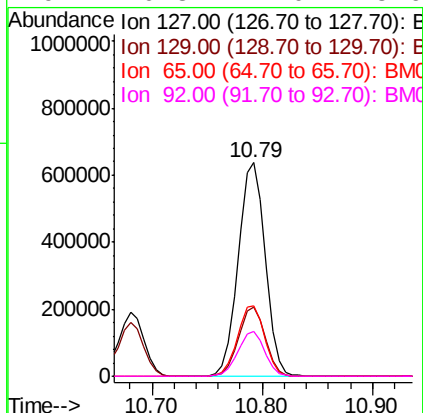
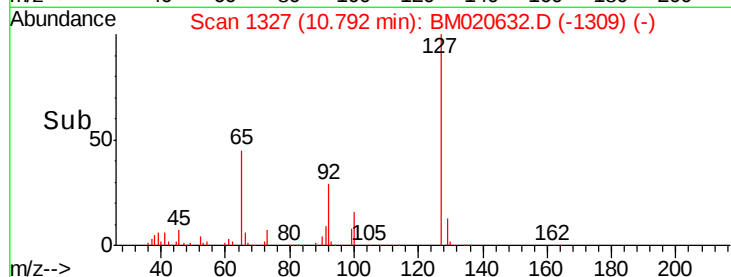
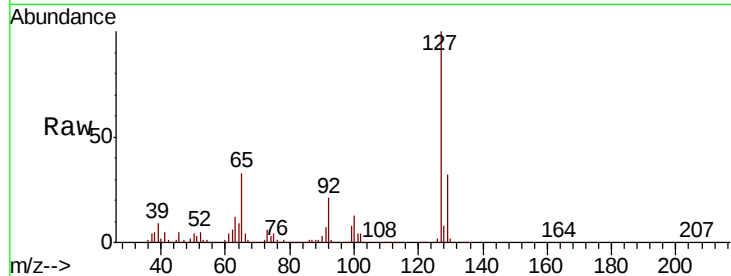
#33  
4-Chloroaniline  
Concen: 39.876 ng  
RT: 10.79 min Scan# 1327  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 127     | 100  |       |       |       |
| 129     | 32.1 | 25.7  | 38.5  |       |
| 65      | 33.2 | 27.4  | 41.0  |       |
| 92      | 20.8 | 17.0  | 25.6  |       |

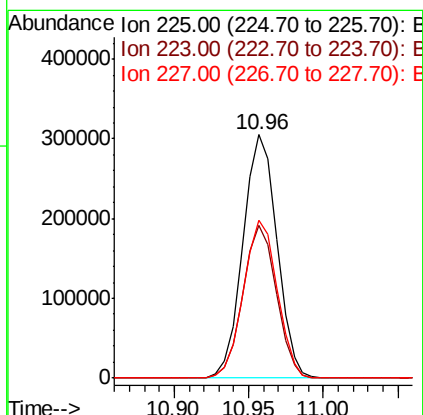
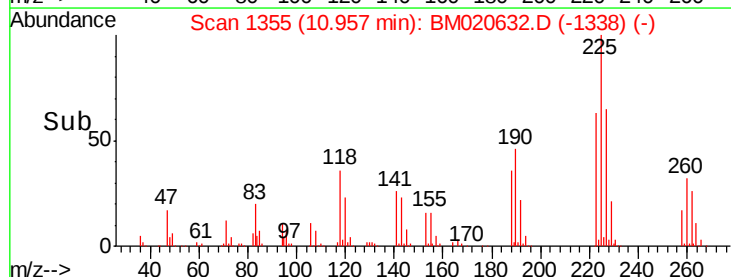
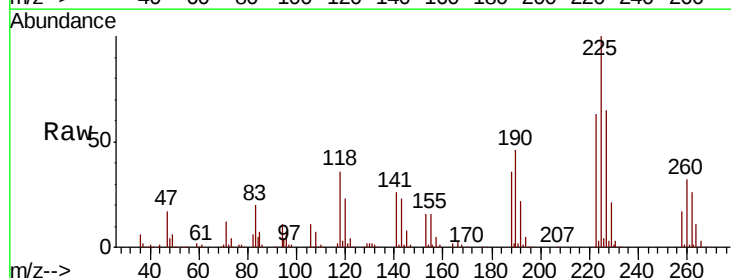
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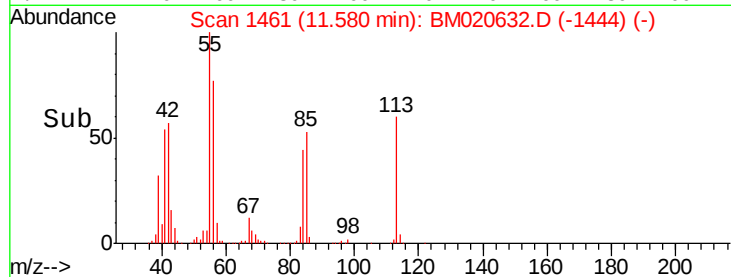
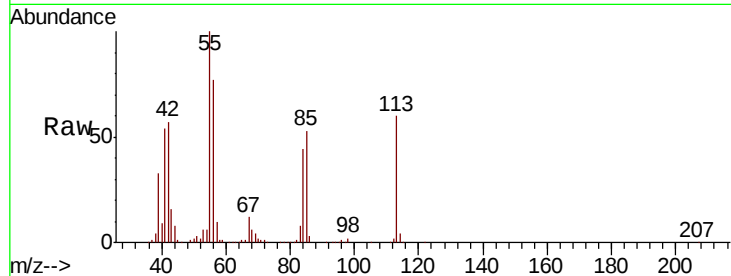
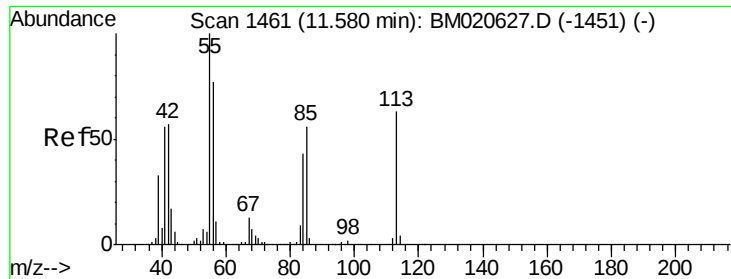
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#34  
Hexachlorobutadiene  
Concen: 39.804 ng  
RT: 10.96 min Scan# 1355  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 225     | 100  |       |       |       |
| 223     | 62.7 | 49.7  | 74.5  |       |
| 227     | 64.6 | 51.8  | 77.8  |       |





#35

Caprolactam

Concen: 39.261 ng

RT: 11.58 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 238747 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 166.5 | 138.6 | 178.6  |
| 56        | 127.8 | 102.3 | 142.3  |

Instrument :

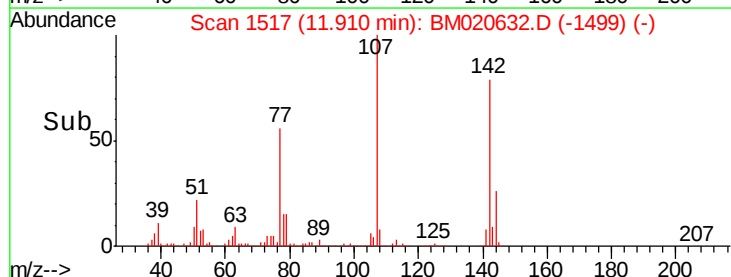
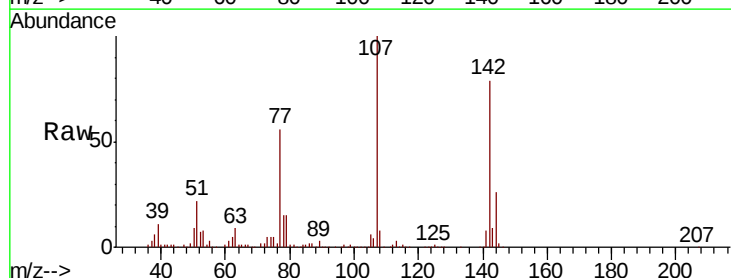
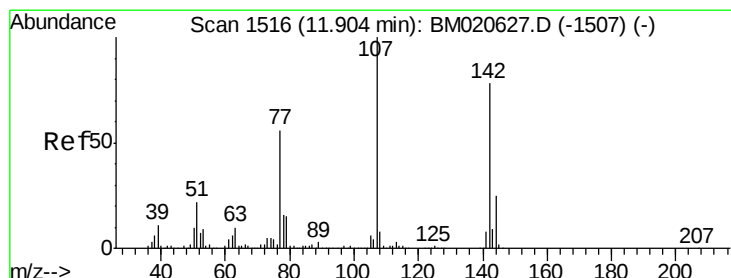
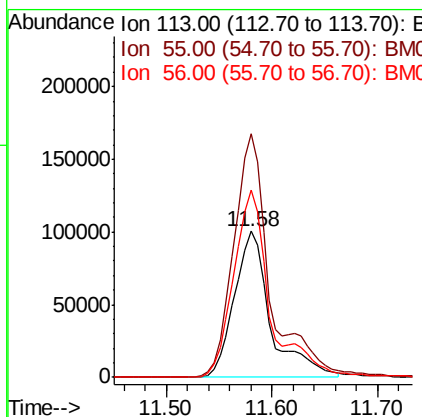
BNA\_M

ClientSampleId :

ICVBM053119

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#36

4-Chloro-3-methylphenol

Concen: 39.747 ng

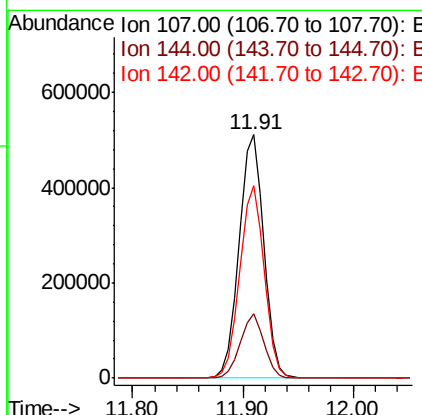
RT: 11.91 min Scan# 1517

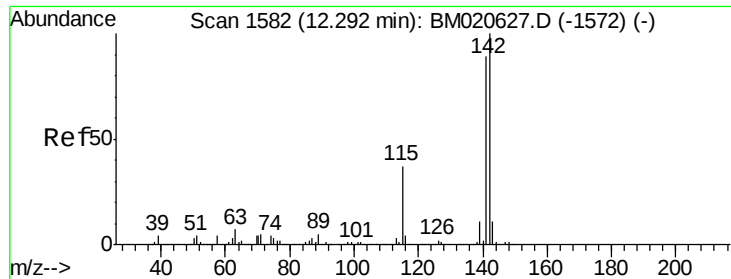
Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 808907 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 26.3  | 20.3  | 30.5   |
| 142       | 79.3  | 62.6  | 93.8   |





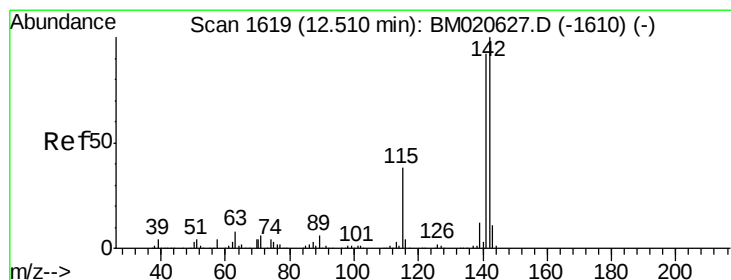
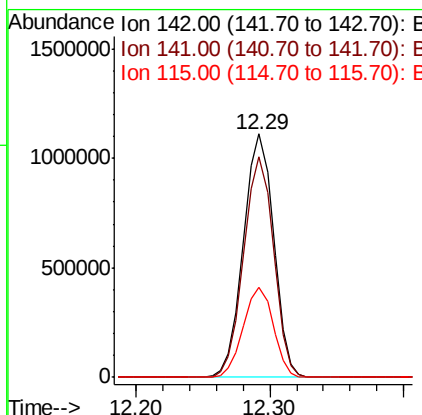
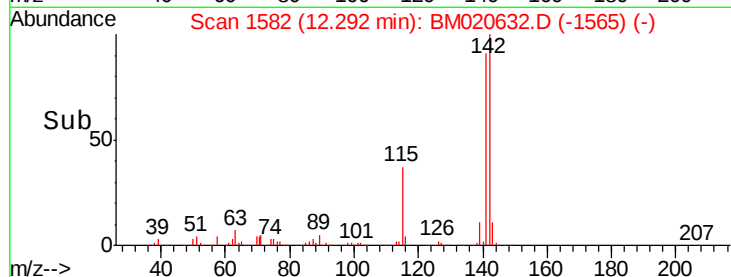
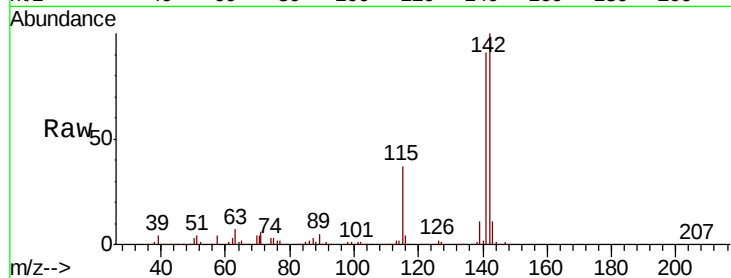
#37  
2-Methylnaphthalene  
Concen: 39.711 ng  
RT: 12.29 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 71.6  | 107.4 |
| 115     | 36.8  | 29.6  | 44.4  |

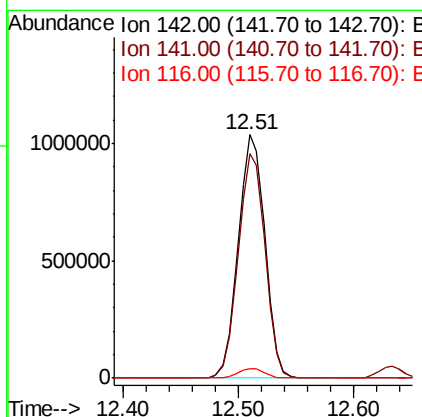
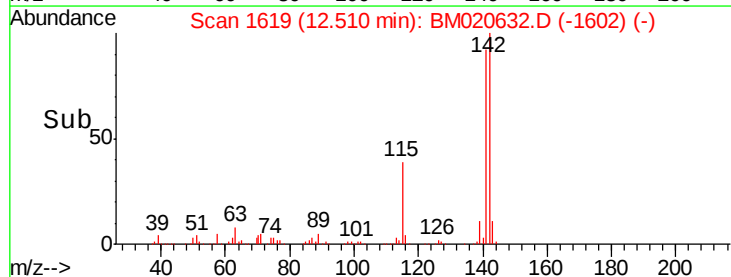
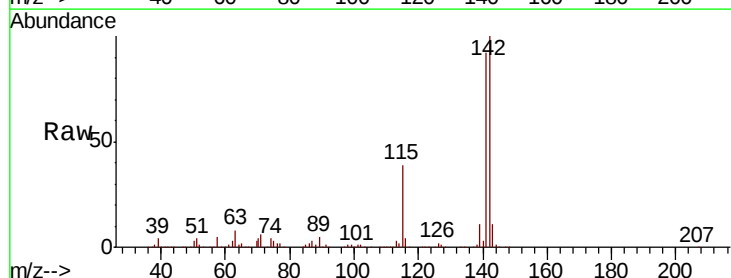
Manual Integrations  
APPROVED

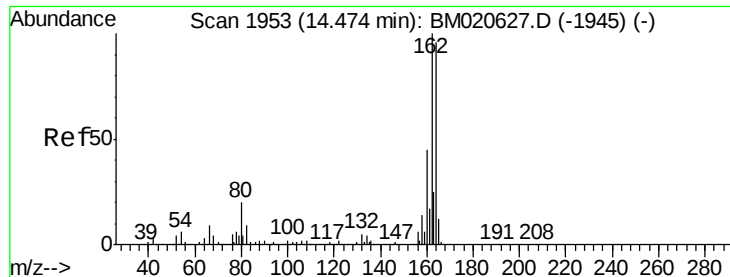
mohammad  
6/3/2019 8:48:47 AM



#38  
1-Methylnaphthalene  
Concen: 39.572 ng  
RT: 12.51 min Scan# 1619  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 73.9  | 110.9 |
| 116     | 3.9   | 3.2   | 4.8   |





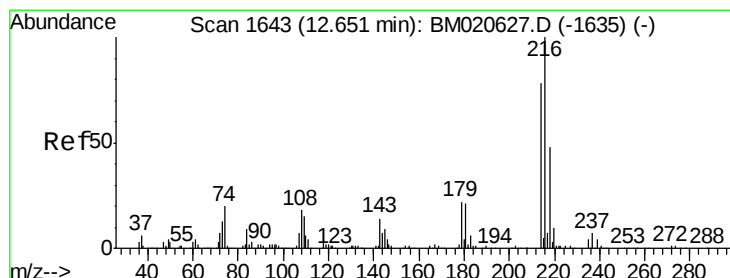
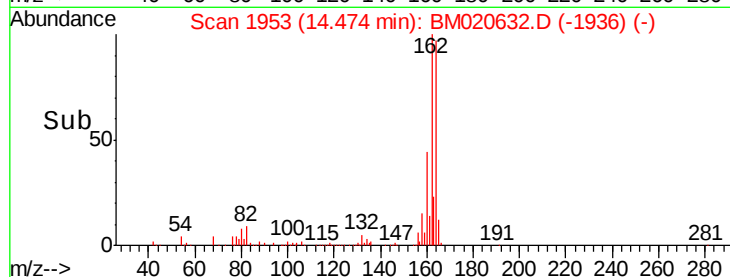
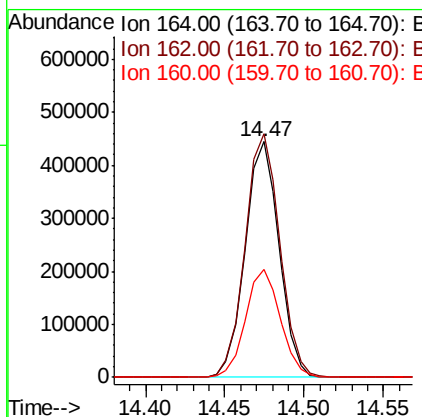
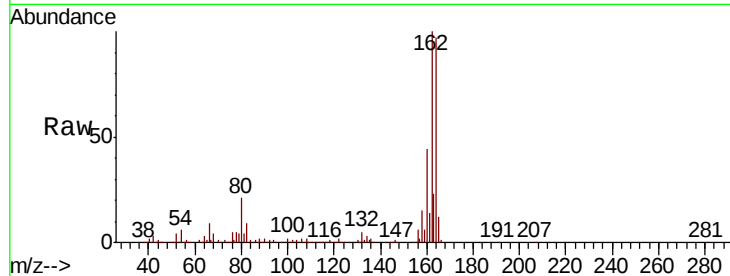
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.47 min Scan# 1953  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.3 | 83.2 | 124.8 |       |
| 160     | 45.7  | 37.5 | 56.3  |       |

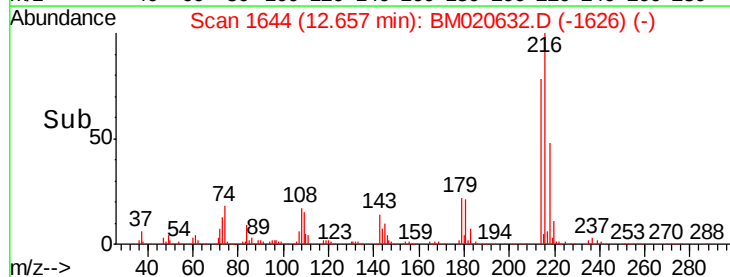
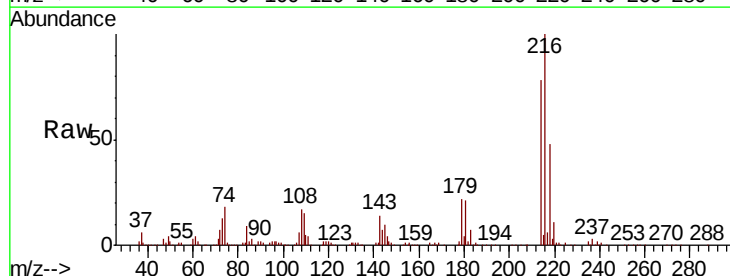
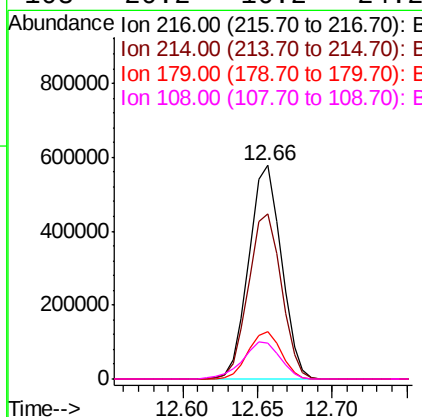
Manual Integrations  
APPROVED

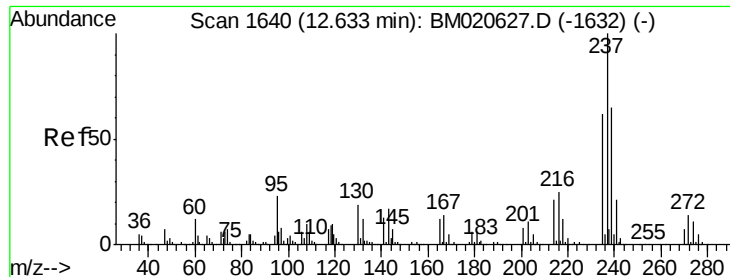
mohammad  
6/3/2019 8:48:47 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.399 ng  
RT: 12.66 min Scan# 1644  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.5  | 63.0 | 94.4  |       |
| 179     | 22.5  | 17.9 | 26.9  |       |
| 108     | 20.2  | 16.2 | 24.2  |       |





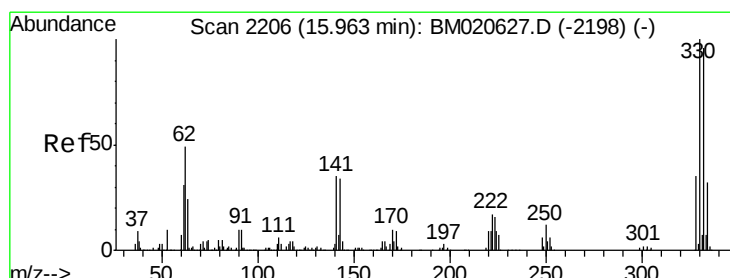
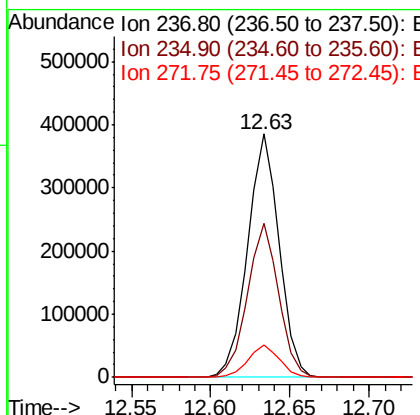
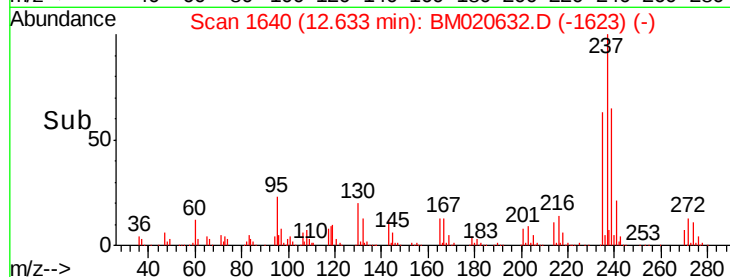
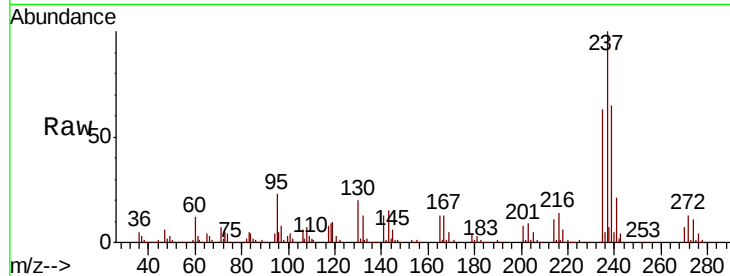
#41  
Hexachlorocyclopentadiene  
Concen: 41.087 ng  
RT: 12.63 min Scan# 1640  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 63.0  | 42.1 | 82.1  |       |
| 272     | 13.1  | 0.0  | 33.5  |       |

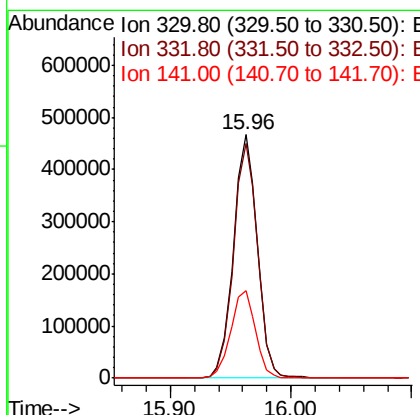
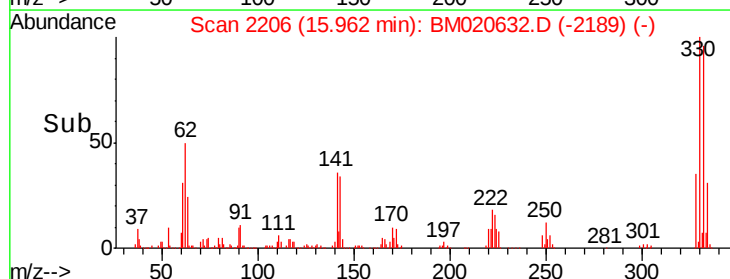
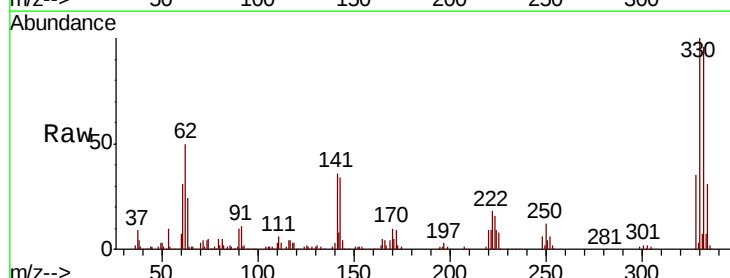
Manual Integrations  
APPROVED

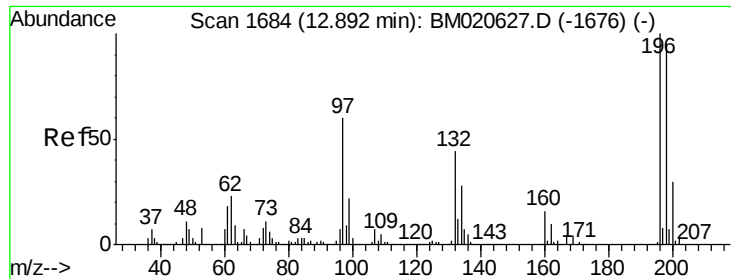
mohammad  
6/3/2019 8:48:47 AM



#42  
2,4,6-Tribromophenol  
Concen: 79.107 ng  
RT: 15.96 min Scan# 2206  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.8  | 77.4 | 116.0 |       |
| 141     | 37.1  | 30.4 | 45.6  |       |





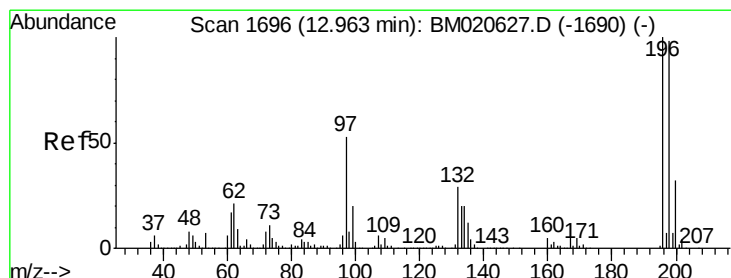
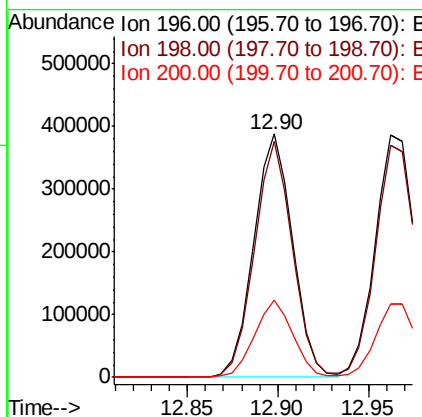
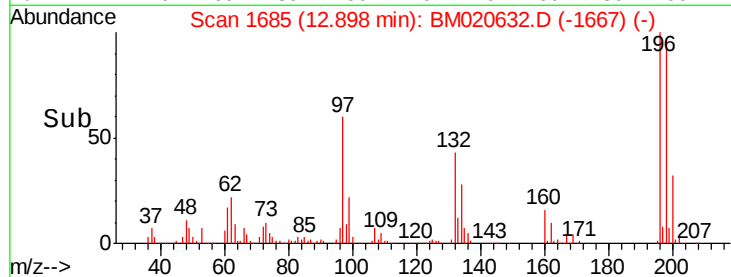
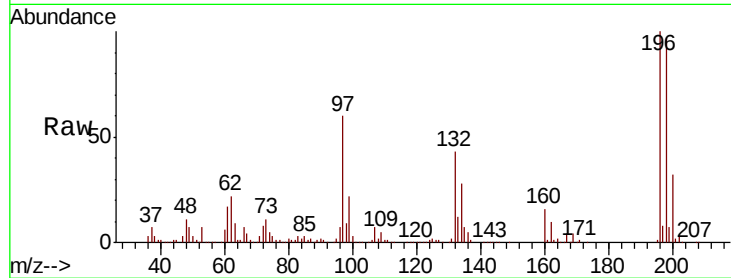
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.635 ng  
 RT: 12.90 min Scan# 1685  
 Delta R.T. 0.01 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

Instrument :  
 BNA\_M  
 ClientSampleID :  
 ICVBM053119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 579432 |       |       |
| 198     | 97.0  | 75.7   | 113.5 |       |
| 200     | 31.8  | 23.9   | 35.9  |       |

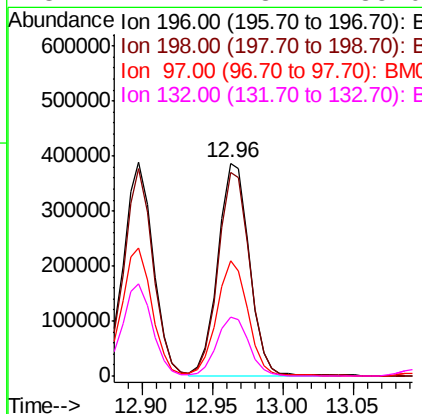
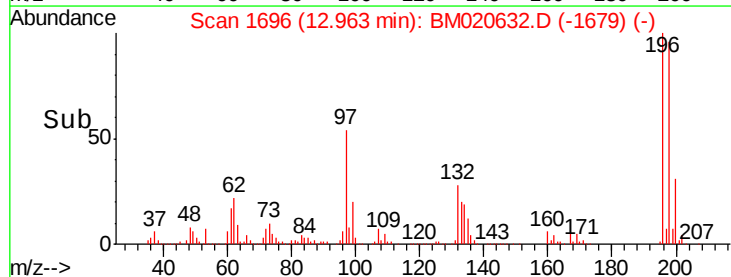
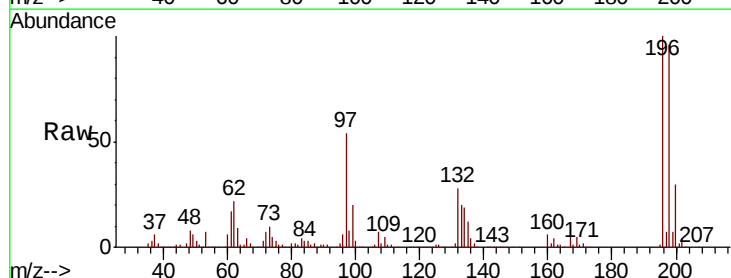
Manual Integrations  
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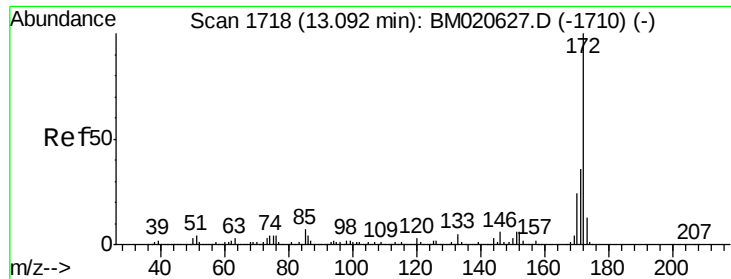
mohammad  
 6/3/2019 8:48:47 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.359 ng  
 RT: 12.96 min Scan# 1696  
 Delta R.T. -0.00 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 594229 |       |       |
| 198     | 96.1  | 78.6   | 117.8 |       |
| 97      | 54.2  | 42.7   | 64.1  |       |
| 132     | 27.7  | 23.4   | 35.0  |       |





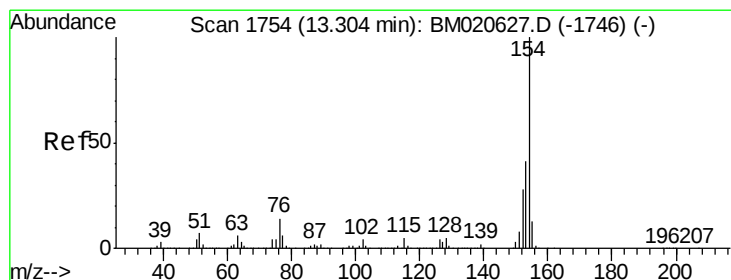
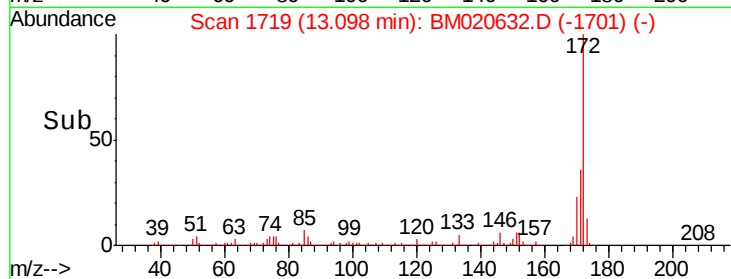
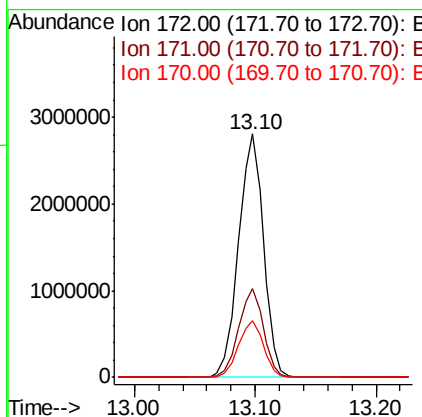
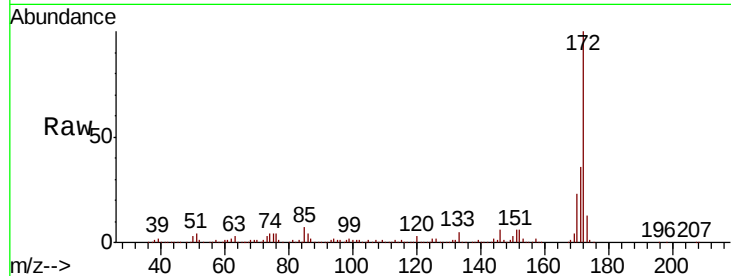
#45  
2-Fluorobiphenyl  
Concen: 81.499 ng  
RT: 13.10 min Scan# 1719  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 28.6  | 43.0  |
| 170     | 23.2  | 18.9  | 28.3  |

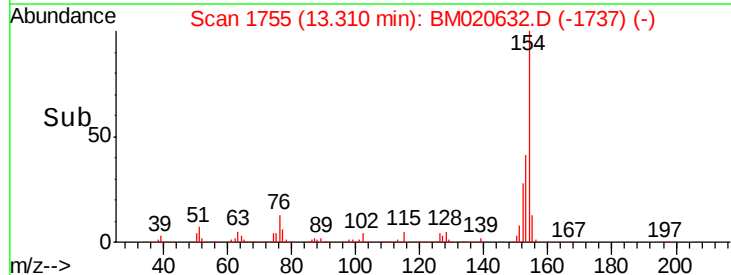
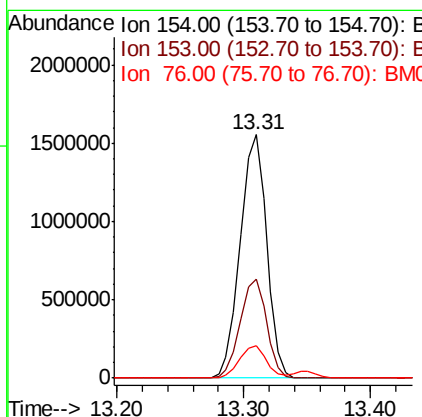
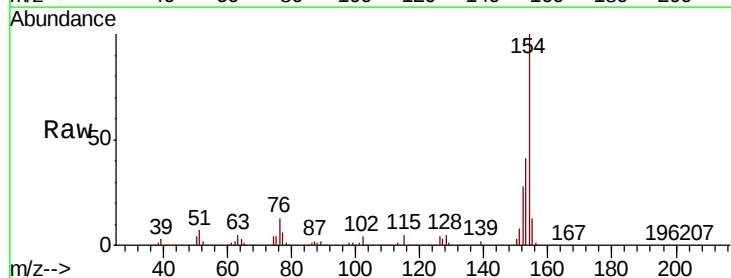
Manual Integrations  
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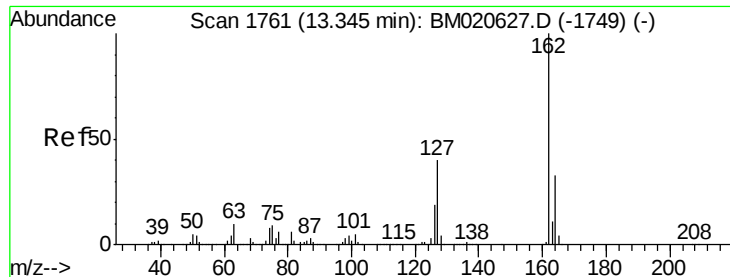
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 40.821 ng  
RT: 13.31 min Scan# 1755  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 20.7  | 60.7  |
| 76      | 13.2  | 0.0   | 34.0  |





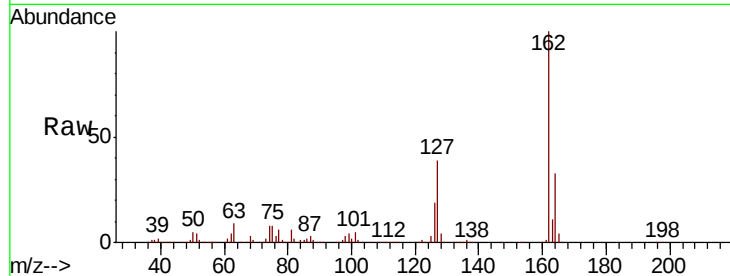
#47  
2-Chloronaphthalene  
Concen: 40.632 ng  
RT: 13.35 min Scan# 1762  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.3  | 32.1  | 48.1  |
| 164     | 32.7  | 26.6  | 39.8  |

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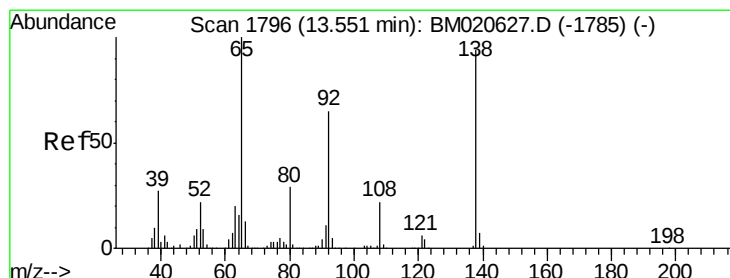
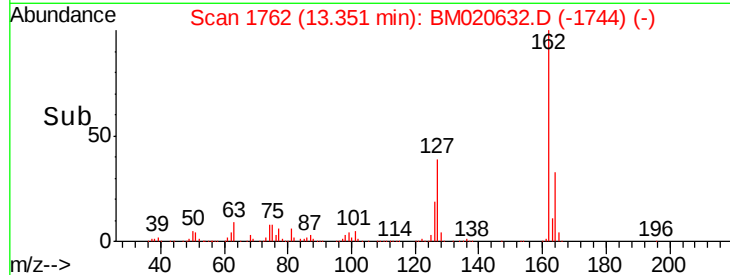
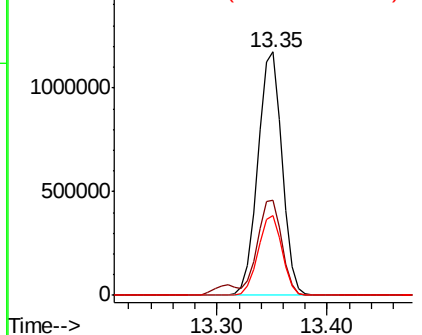


Abundance

Ion 162.00 (161.70 to 162.70): E

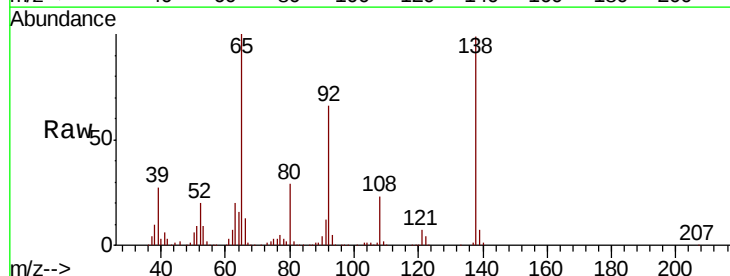
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 41.884 ng  
RT: 13.56 min Scan# 1797  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.3  | 52.2  | 78.4  |
| 138     | 98.7  | 75.4  | 113.0 |

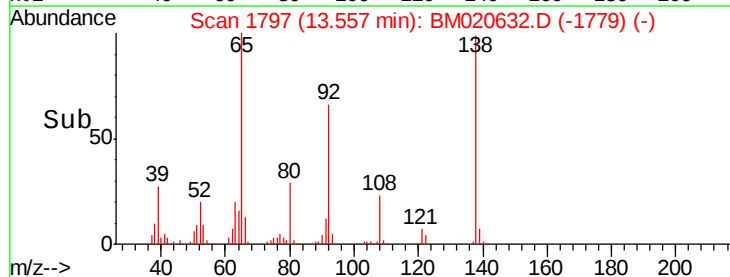
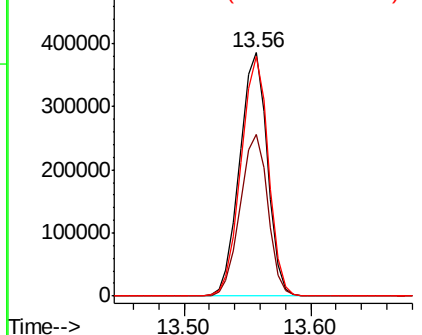


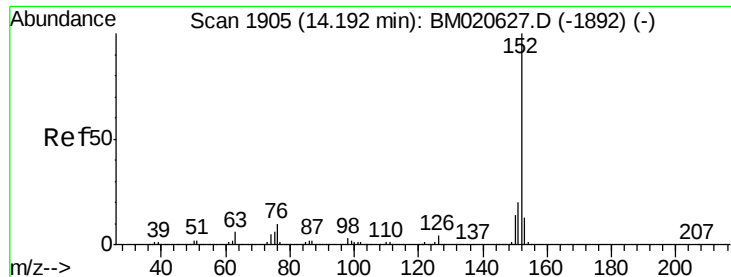
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.329 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

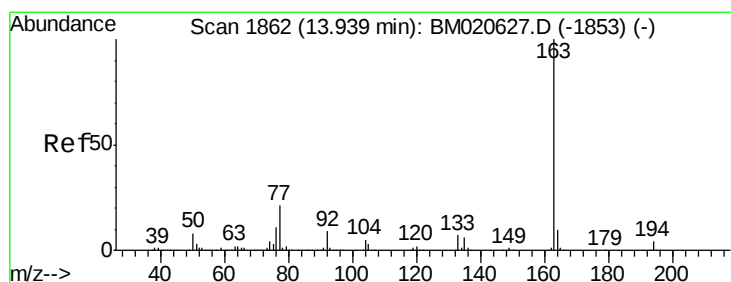
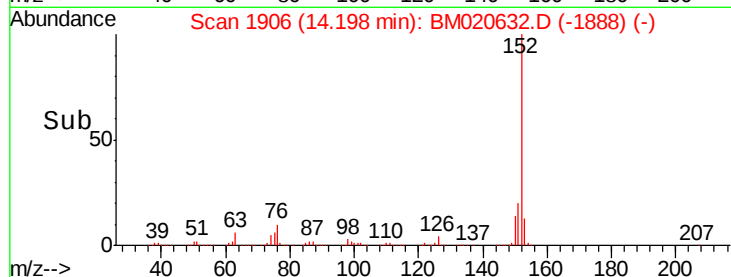
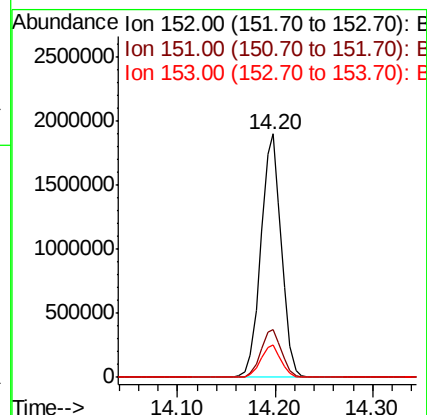
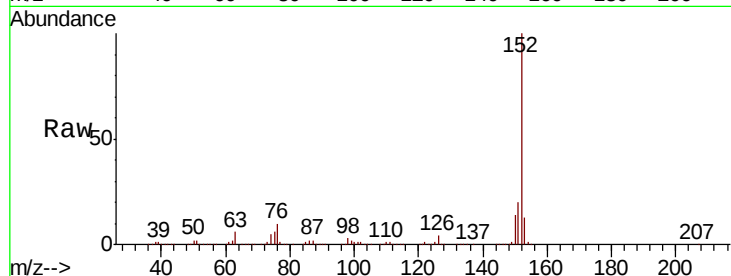
ClientSampleId :

ICVBM053119

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 2798391 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 19.7  | 16.2  | 24.2    |
| 153      | 13.1  | 10.6  | 15.8    |

Manual Integrations  
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#50

Dimethylphthalate

Concen: 39.481 ng

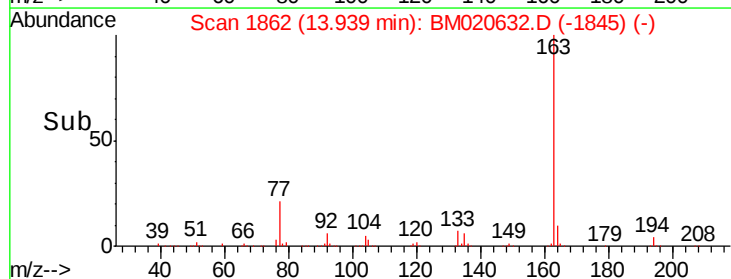
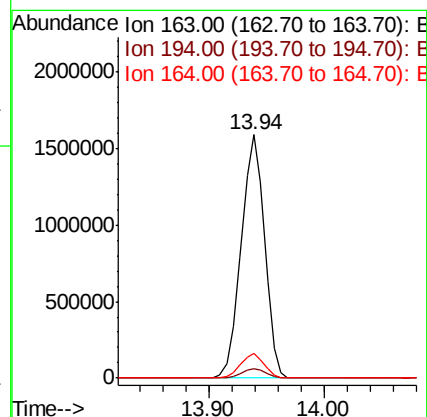
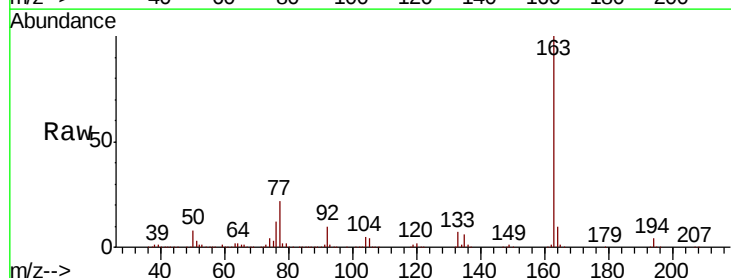
RT: 13.94 min Scan# 1862

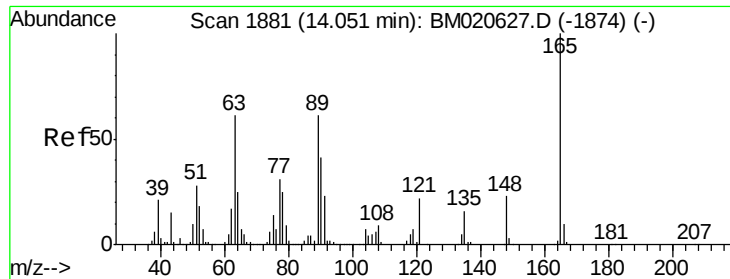
Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 163   | Resp: | 2225370 |
| Ion      | Ratio | Lower | Upper   |
| 163      | 100   |       |         |
| 194      | 4.1   | 3.2   | 4.8     |
| 164      | 10.1  | 7.9   | 11.9    |





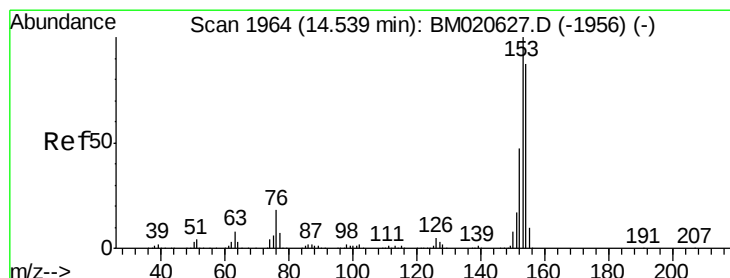
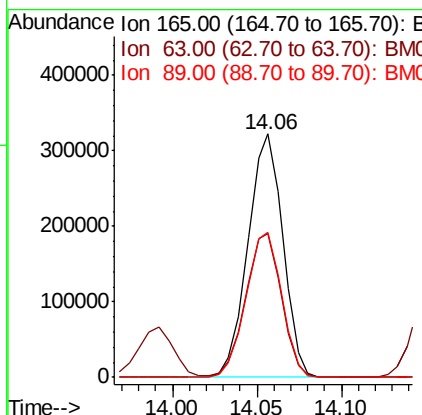
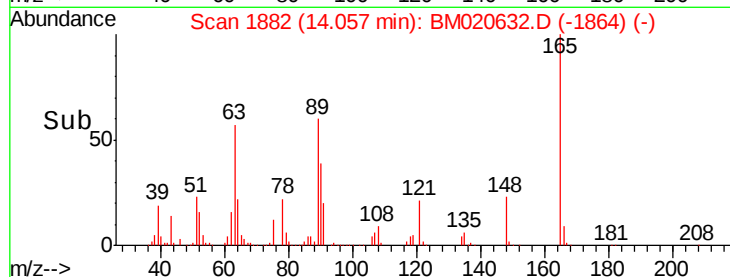
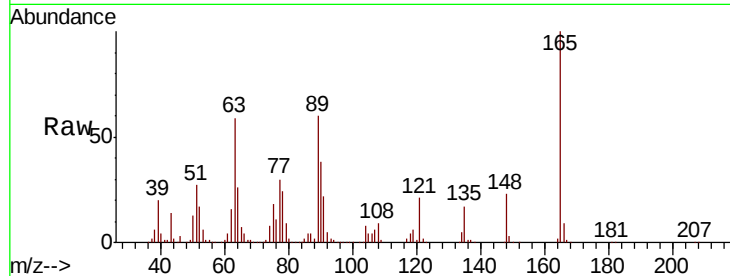
#51  
2,6-Dinitrotoluene  
Concen: 40.509 ng  
RT: 14.06 min Scan# 1882  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 463639 |       |       |
| 63      | 59.0  |        | 50.4  | 75.6  |
| 89      | 59.6  |        | 49.1  | 73.7  |

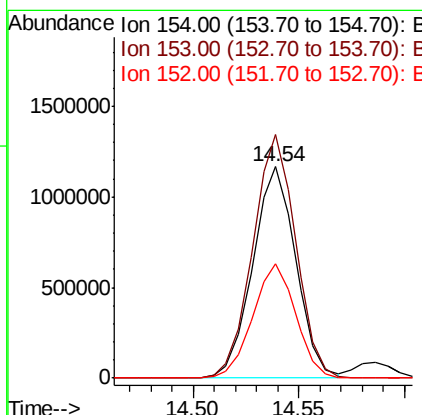
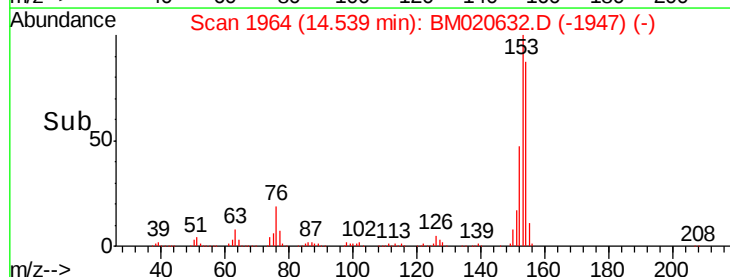
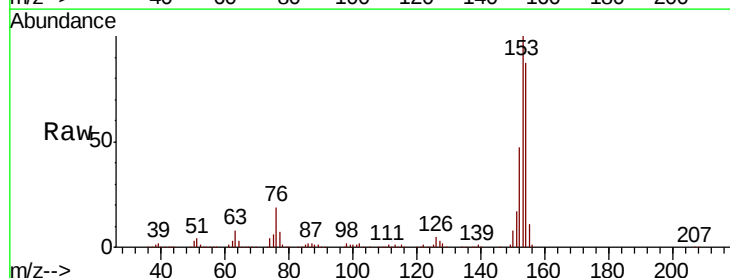
Manual Integrations  
APPROVED

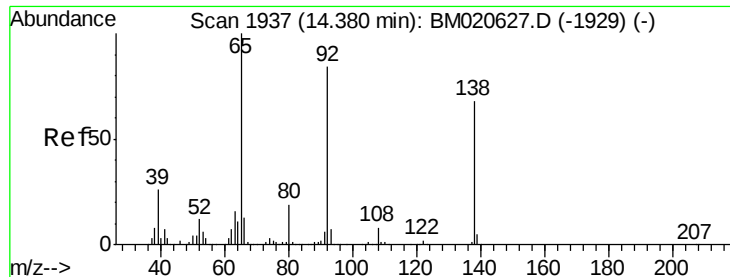
mohammad  
6/3/2019 8:48:47 AM



#52  
Acenaphthene  
Concen: 40.144 ng  
RT: 14.54 min Scan# 1964  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1659995 |       |       |
| 153     | 115.1 |         | 92.4  | 138.6 |
| 152     | 54.3  |         | 43.4  | 65.0  |





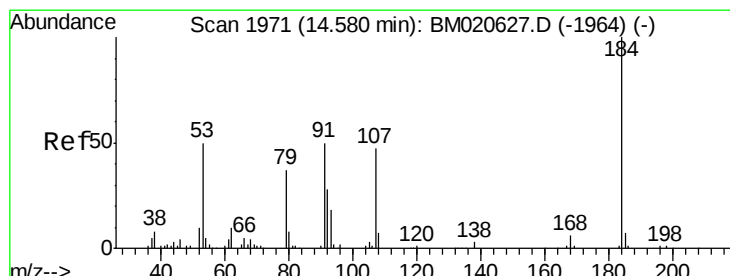
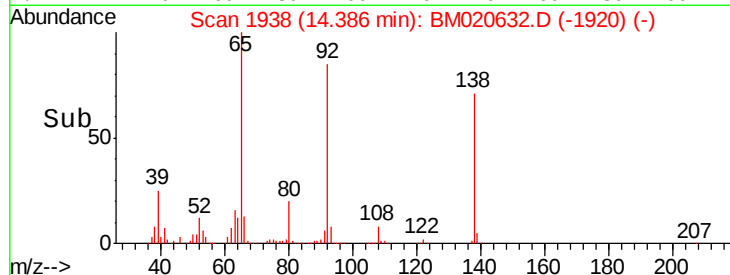
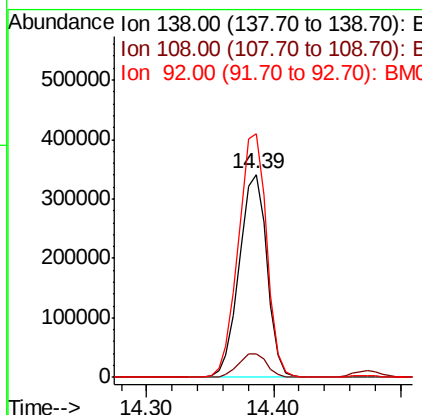
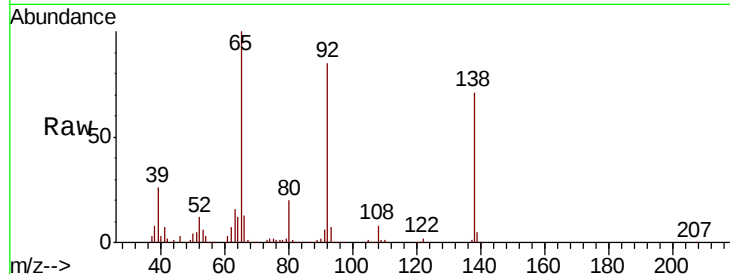
#53  
3-Nitroaniline  
Concen: 40.590 ng  
RT: 14.39 min Scan# 1938  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampled :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.6  | 9.5   | 14.3  |
| 92      | 119.9 | 99.6  | 149.4 |

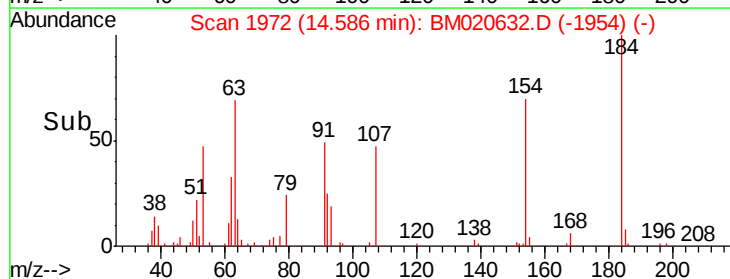
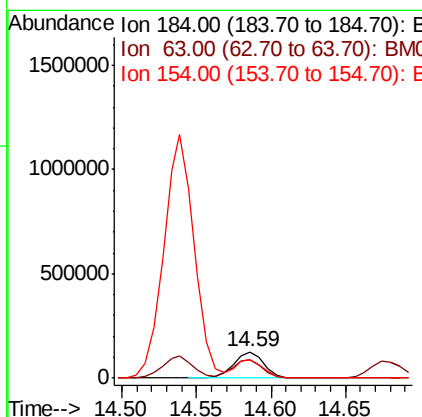
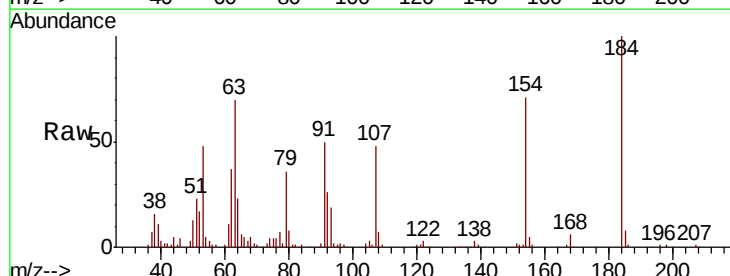
Manual Integrations  
APPROVED

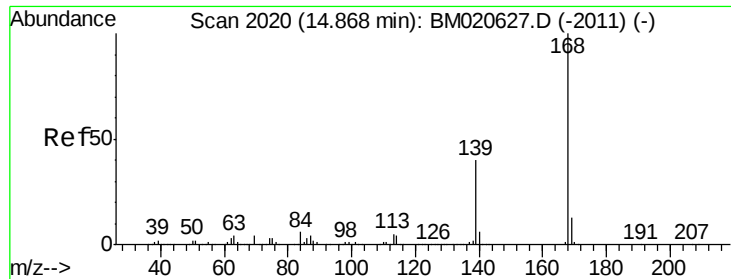
mohammad  
6/3/2019 8:48:47 AM



#54  
2,4-Dinitrophenol  
Concen: 40.239 ng  
RT: 14.59 min Scan# 1972  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 69.7  | 59.3  | 88.9  |
| 154     | 70.7  | 56.5  | 84.7  |





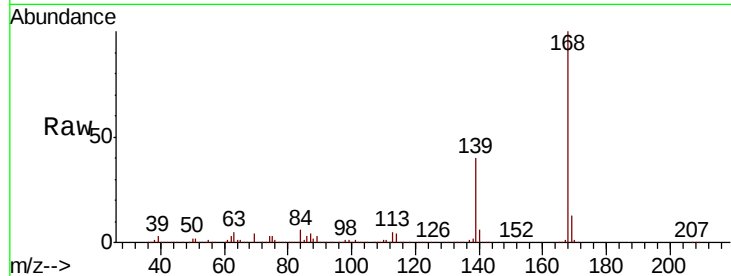
#55  
Dibenzofuran  
Concen: 39.625 ng  
RT: 14.87 min Scan# 2021  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.7  | 31.9  | 47.9  |
| 169     | 13.4  | 10.7  | 16.1  |

Manual Integrations  
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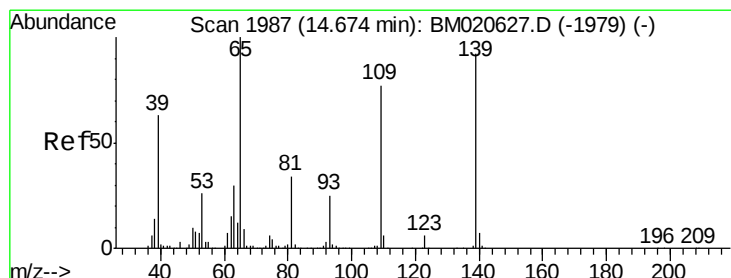
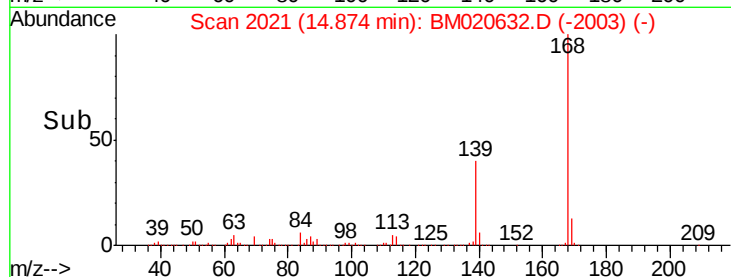
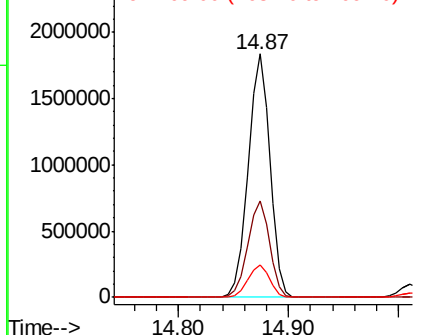


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 39.998 ng  
RT: 14.68 min Scan# 1988  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

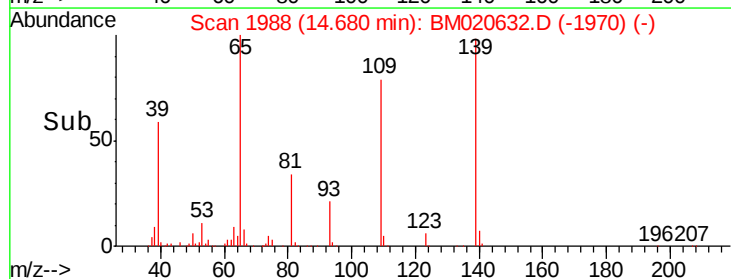
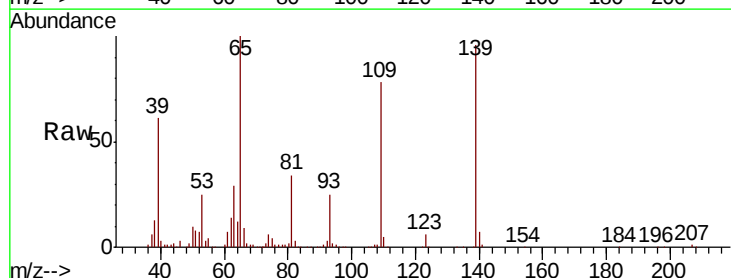
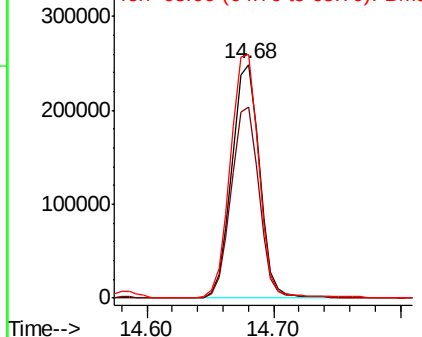
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 81.6  | 62.7  | 102.7 |
| 65      | 104.3 | 88.3  | 128.3 |

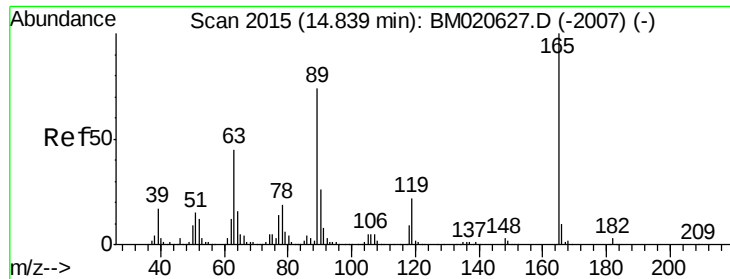
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





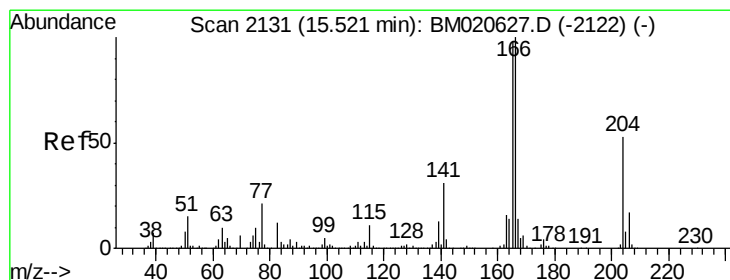
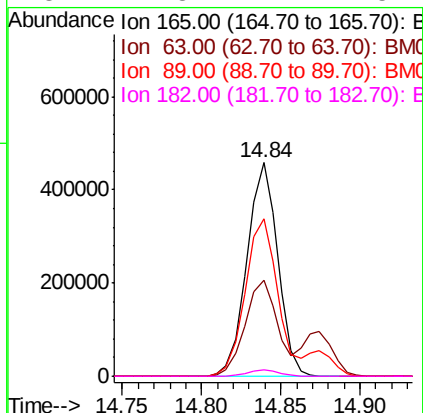
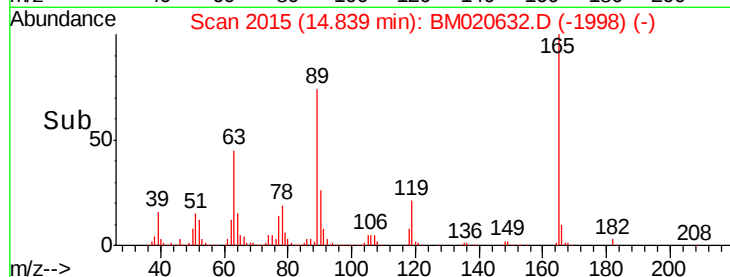
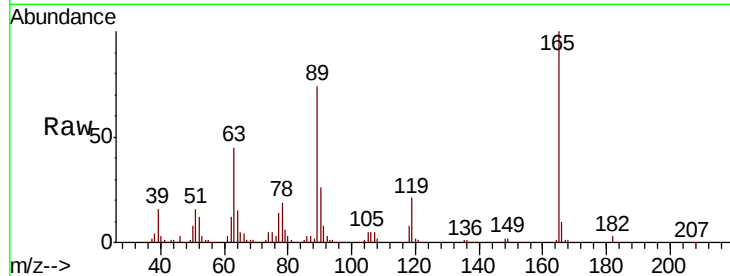
#57  
2,4-Dinitrotoluene  
Concen: 40.335 ng  
RT: 14.84 min Scan# 2015  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 618121 |       |       |
| 63      | 45.0  | 36.3   | 54.5  |       |
| 89      | 74.0  | 59.0   | 88.6  |       |
| 182     | 2.8   | 2.2    | 3.4   |       |

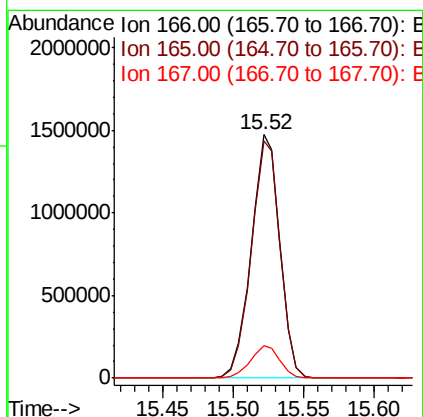
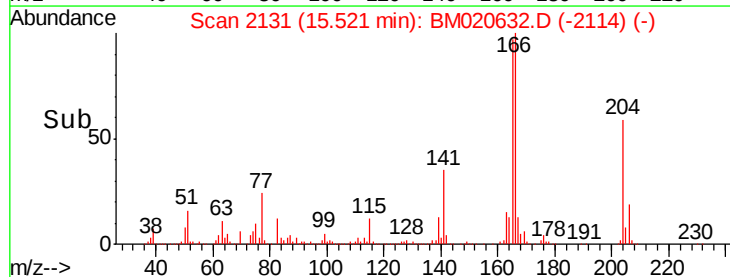
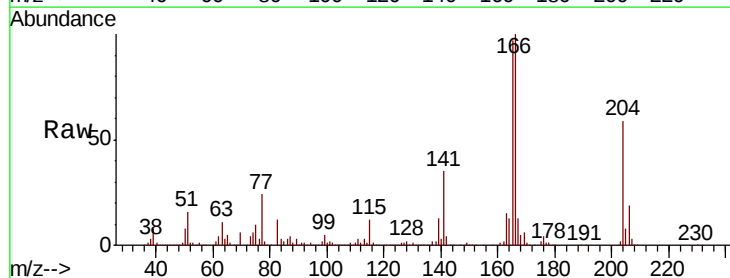
Manual Integrations  
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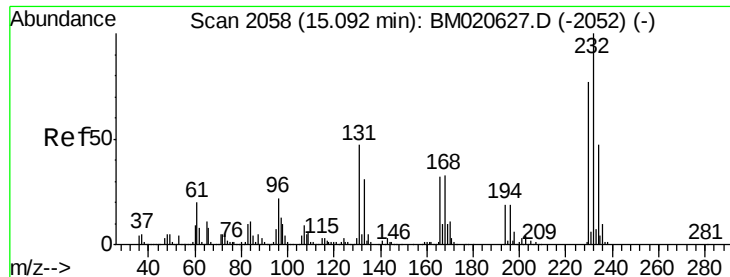
mohammad  
6/3/2019 8:48:47 AM



#58  
Fluorene  
Concen: 39.546 ng  
RT: 15.52 min Scan# 2131  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 2088611 |       |       |
| 165     | 97.3  | 78.6    | 117.8 |       |
| 167     | 13.5  | 11.0    | 16.4  |       |





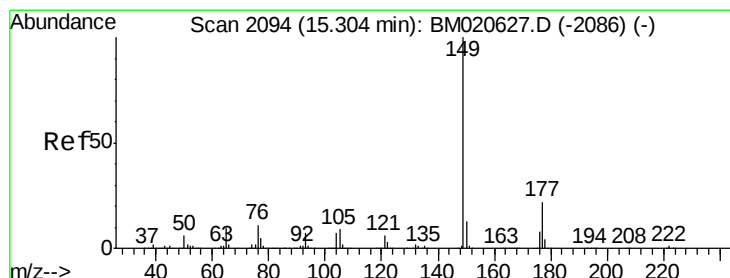
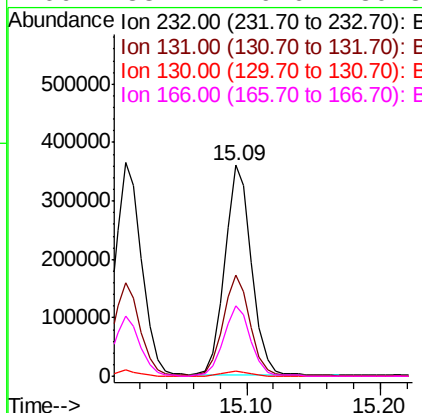
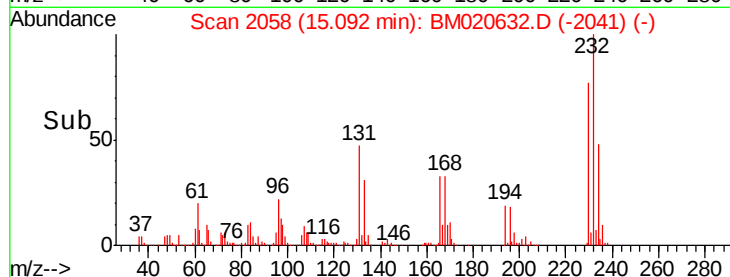
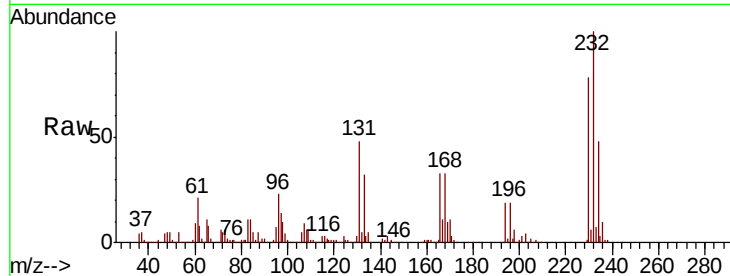
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.108 ng  
RT: 15.09 min Scan# 2058  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 502138 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 48.1  | 38.6  | 57.8   |
| 130       | 2.7   | 2.2   | 3.2    |
| 166       | 33.7  | 26.6  | 39.8   |

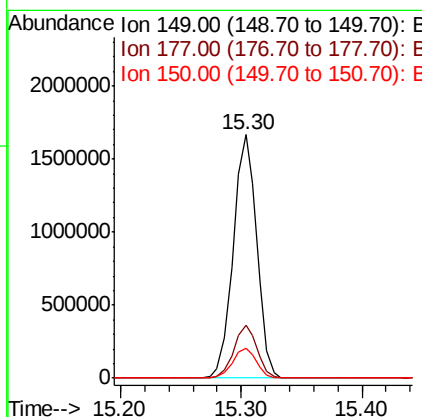
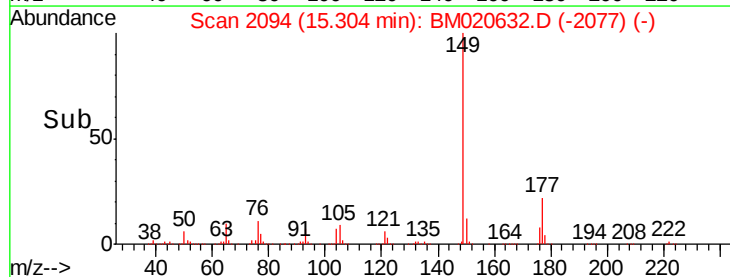
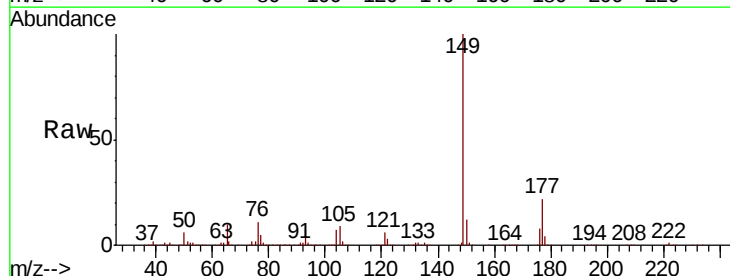
Manual Integrations  
APPROVED

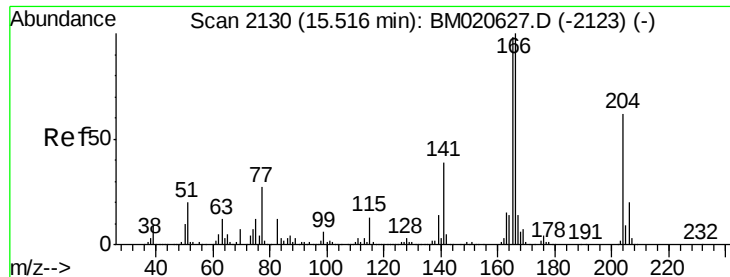
mohammad  
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#60  
Diethylphthalate  
Concen: 38.855 ng  
RT: 15.30 min Scan# 2094  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 2258799 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 21.7  | 17.2  | 25.8    |
| 150       | 12.3  | 10.1  | 15.1    |





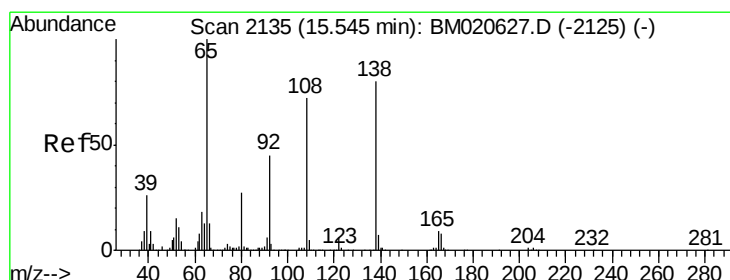
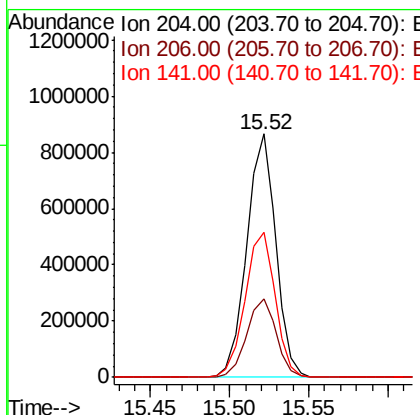
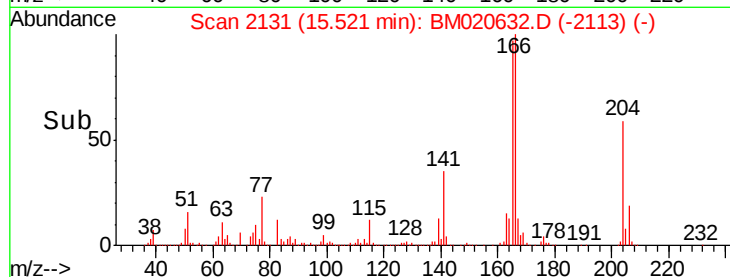
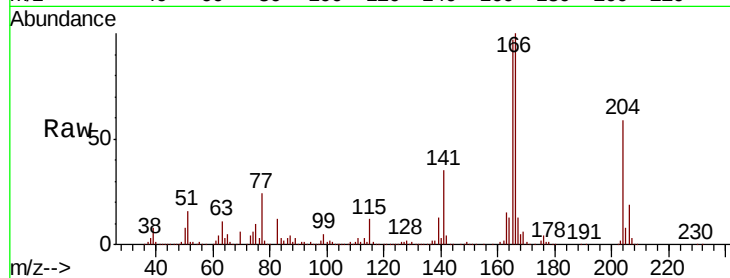
#61  
4-Chlorophenyl-phenylether  
Concen: 39.315 ng  
RT: 15.52 min Scan# 2131  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.0  | 25.8  | 38.8  |
| 141     | 59.6  | 50.2  | 75.4  |

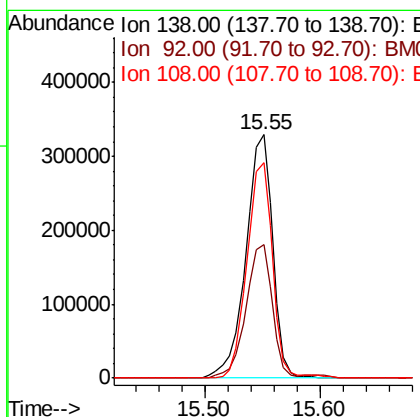
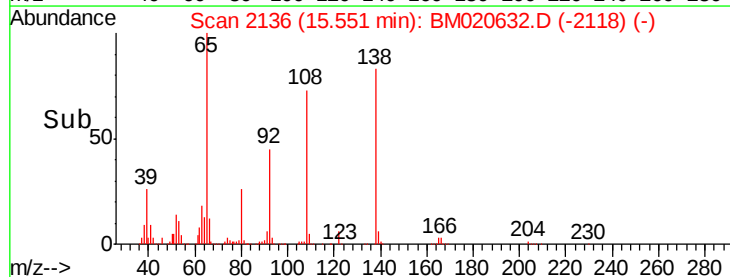
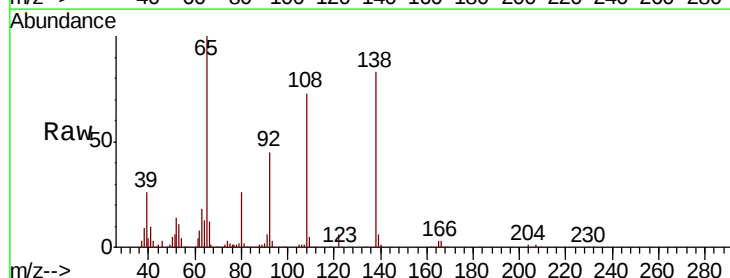
Manual Integrations  
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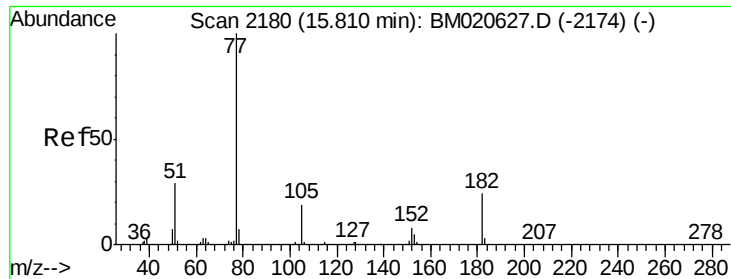
mohammad  
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#62  
4-Nitroaniline  
Concen: 39.217 ng  
RT: 15.55 min Scan# 2136  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.8  | 36.7  | 76.7  |
| 108     | 88.7  | 70.3  | 110.3 |





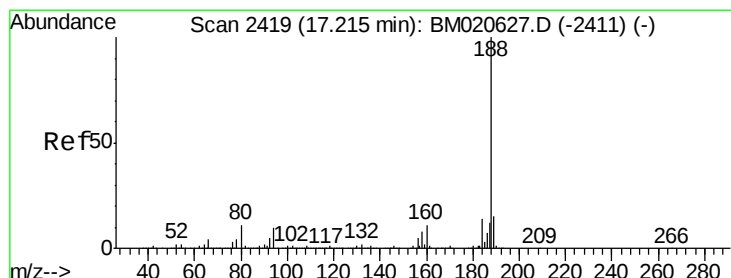
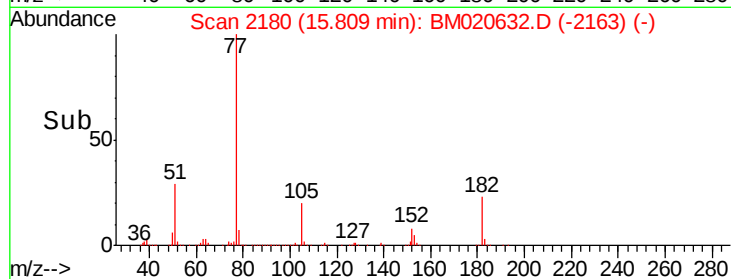
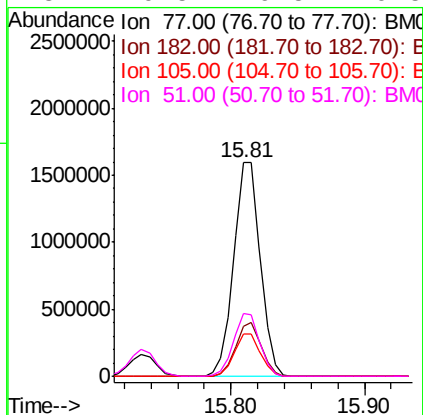
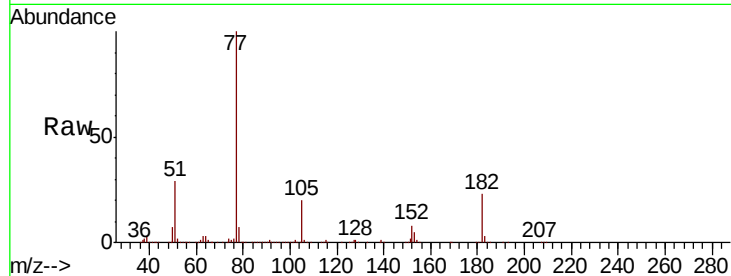
#63  
Azobenzene  
Concen: 39.563 ng  
RT: 15.81 min Scan# 2180  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.2  | 3.6   | 43.6  |
| 105     | 19.5  | 0.0   | 39.4  |
| 51      | 29.5  | 9.5   | 49.5  |

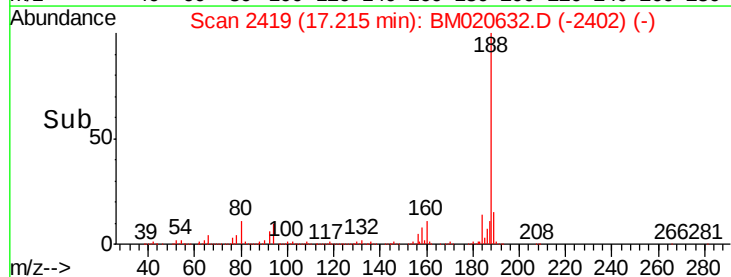
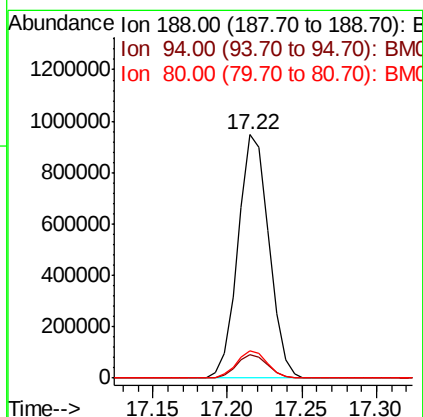
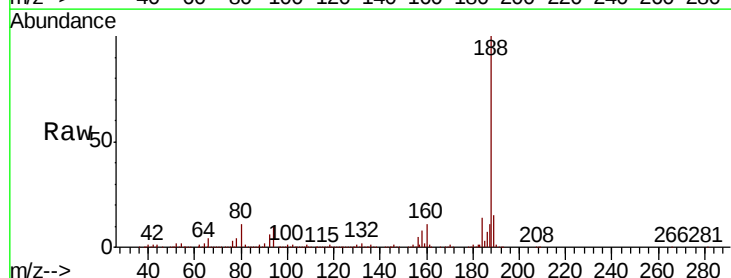
Manual Integrations  
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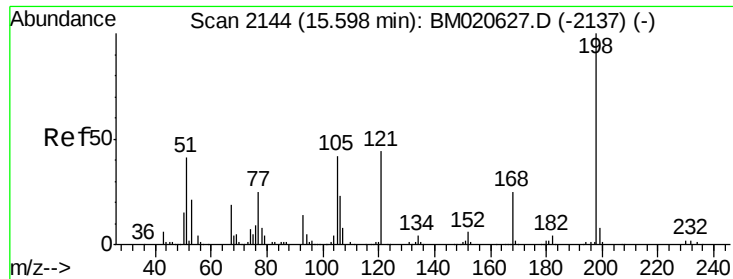
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.22 min Scan# 2419  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.7   | 7.8   | 11.8  |
| 80      | 11.2  | 9.0   | 13.6  |





#65

4,6-Dinitro-2-methylphenol

Concen: 40.724 ng

RT: 15.60 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

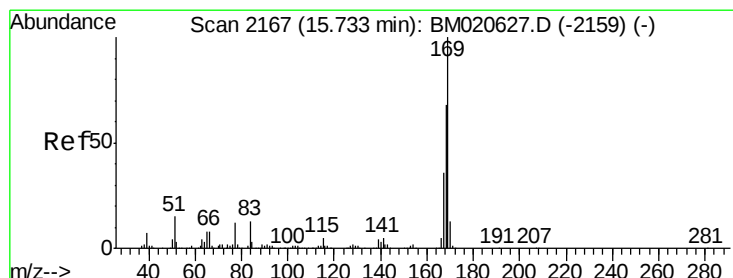
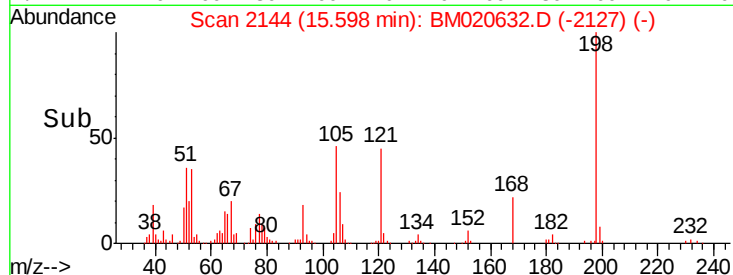
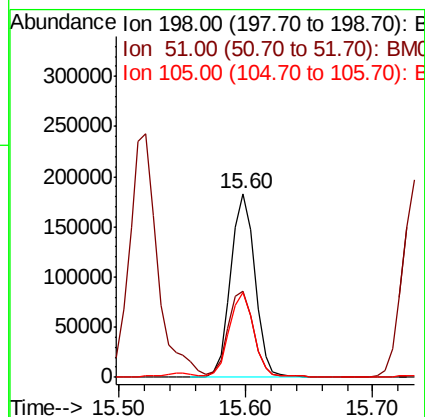
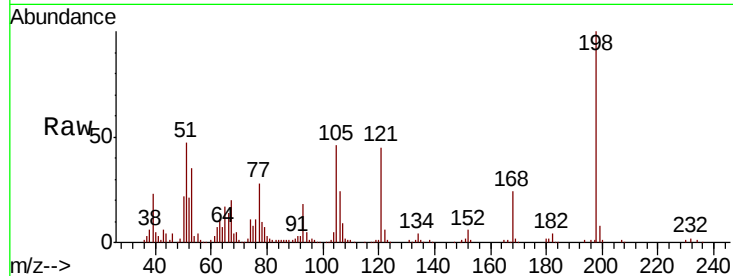
ClientSampleId :

ICVBM053119

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 242502 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 46.7  | 27.7  | 67.7   |
| 105       | 45.8  | 23.8  | 63.8   |

Manual Integrations  
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#66

n-Nitrosodiphenylamine

Concen: 41.051 ng

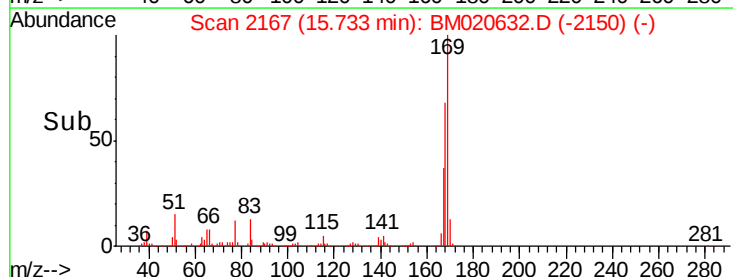
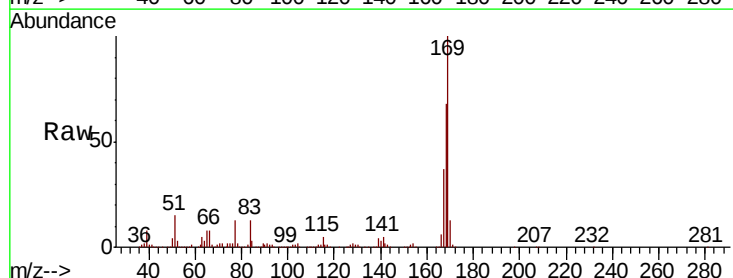
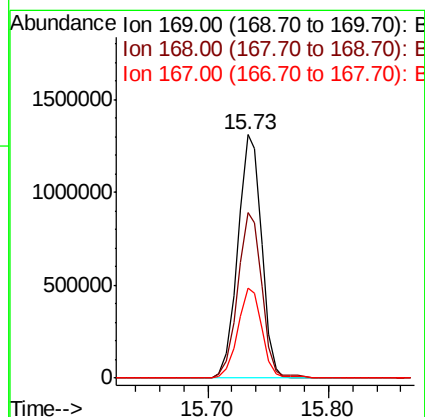
RT: 15.73 min Scan# 2167

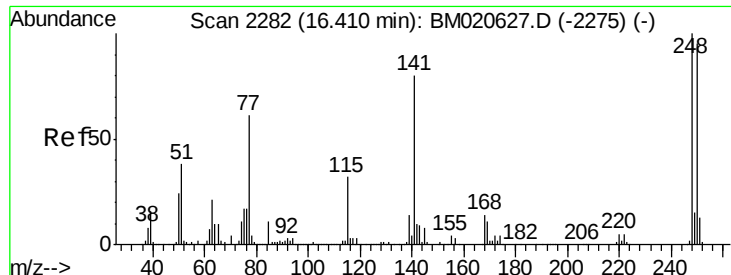
Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 169   | Resp: | 1791718 |
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 68.0  | 54.2  | 81.4    |
| 167       | 36.8  | 29.1  | 43.7    |





#67

4-Bromophenyl-phenylether

Concen: 40.674 ng

RT: 16.42 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

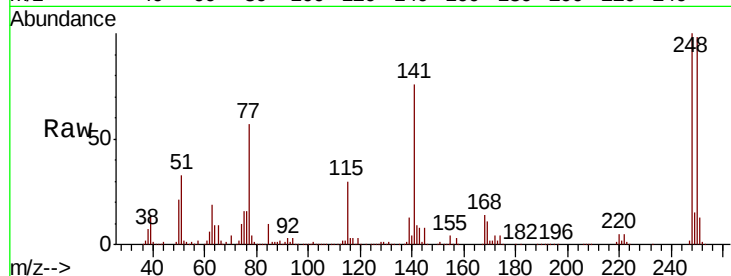
ClientSampleId :

ICVBM053119

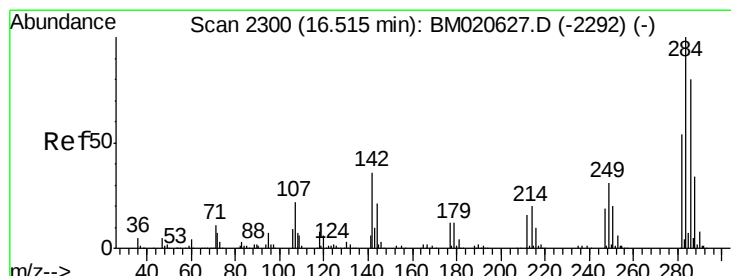
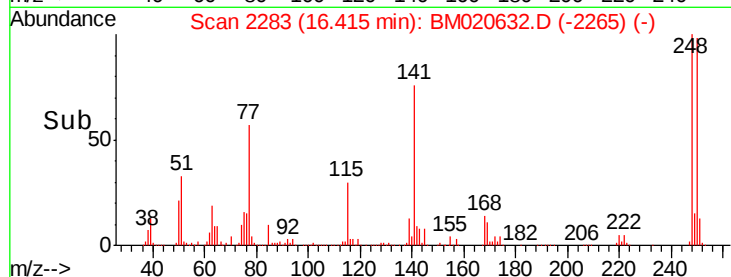
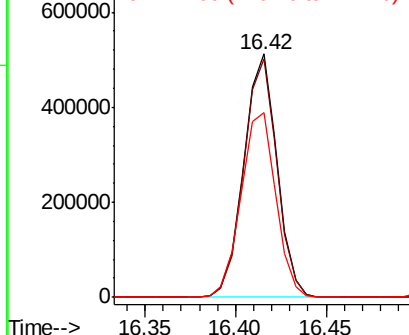
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 652927 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.0  | 76.3  | 114.5  |
| 141       | 75.7  | 64.2  | 96.2   |

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



#68

Hexachlorobenzene

Concen: 40.595 ng

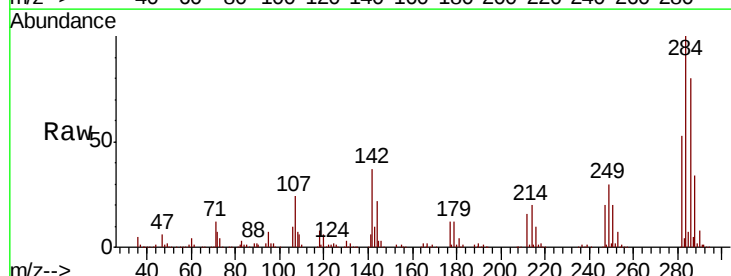
RT: 16.52 min Scan# 2300

Delta R.T. -0.00 min

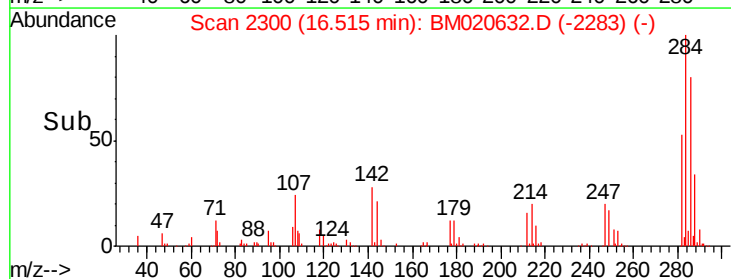
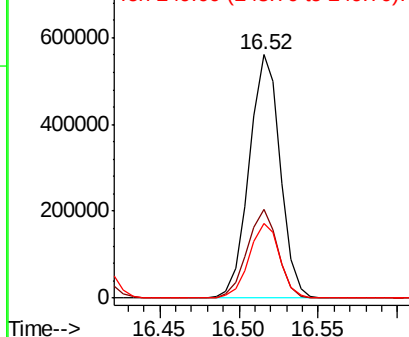
Lab File: BM020632.D

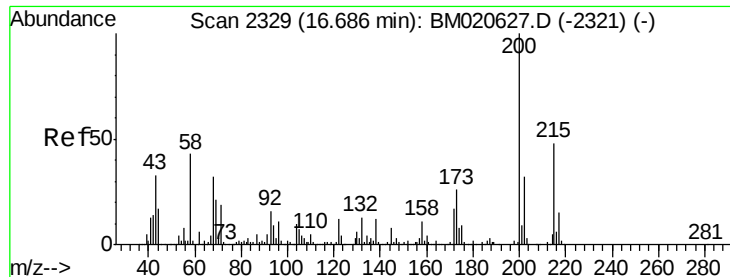
Acq: 31 May 2019 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 760945 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 36.6  | 28.6  | 42.8   |
| 249       | 30.4  | 25.0  | 37.4   |



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.571 ng

RT: 16.69 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

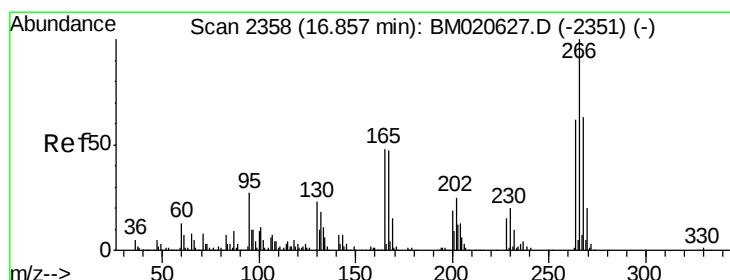
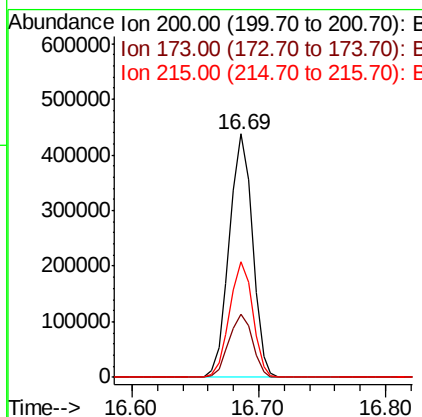
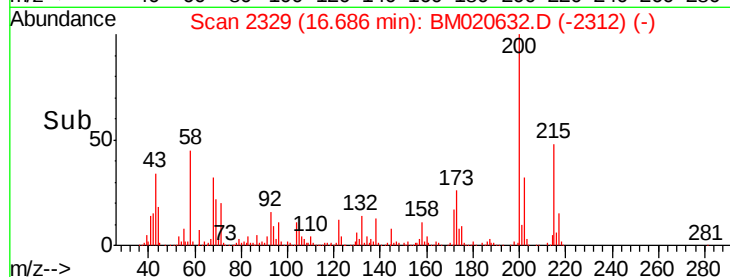
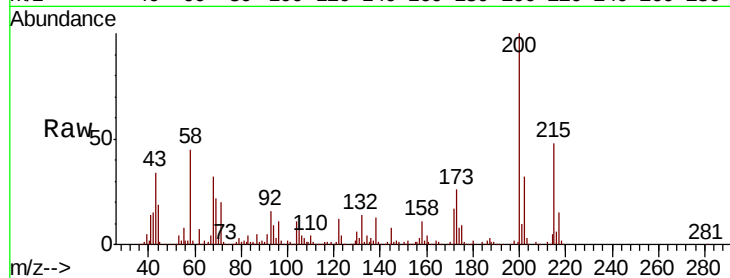
ClientSampled :

ICVBM053119

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 554546 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.0  | 6.2   | 46.2   |
| 215       | 47.6  | 27.7  | 67.7   |

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#70

Pentachlorophenol

Concen: 41.647 ng

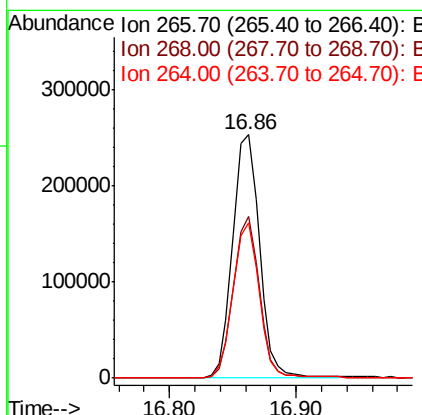
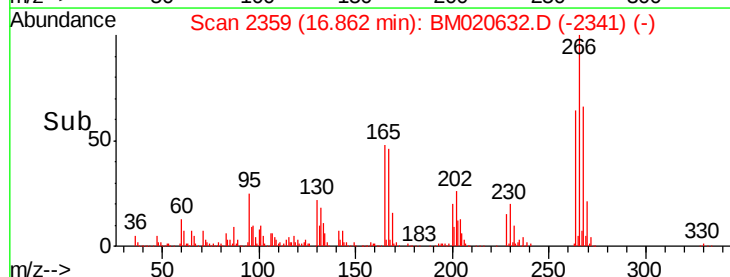
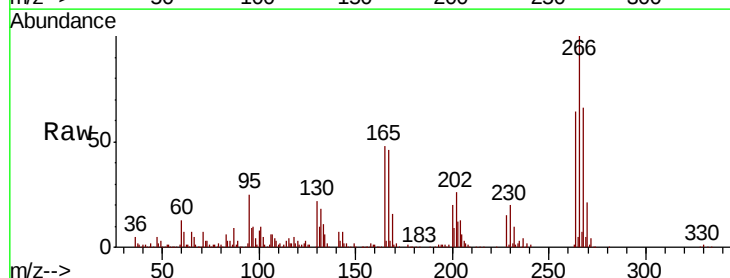
RT: 16.86 min Scan# 2359

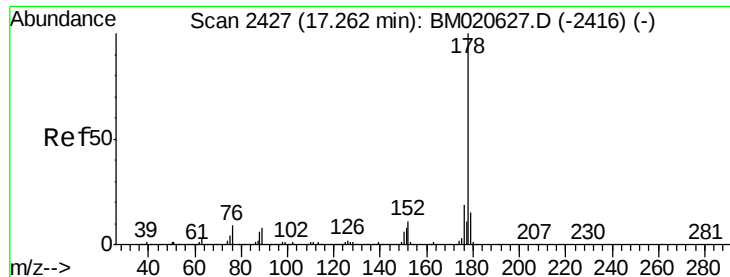
Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 372433 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 66.4  | 50.6  | 75.8   |
| 264       | 63.8  | 49.6  | 74.4   |





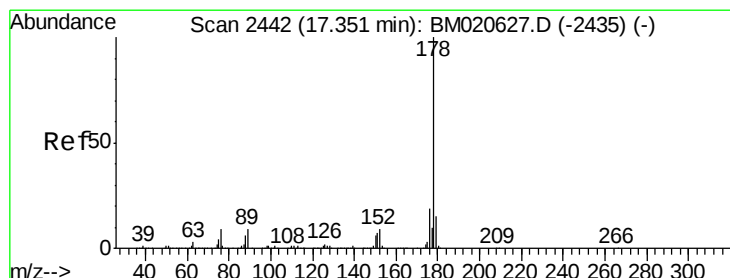
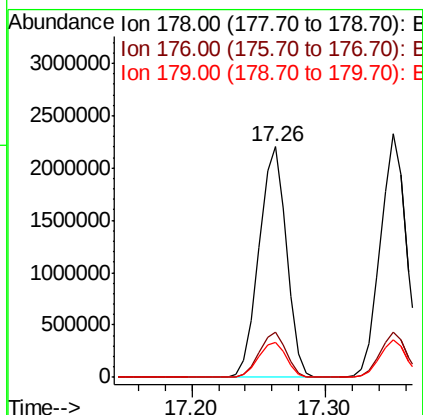
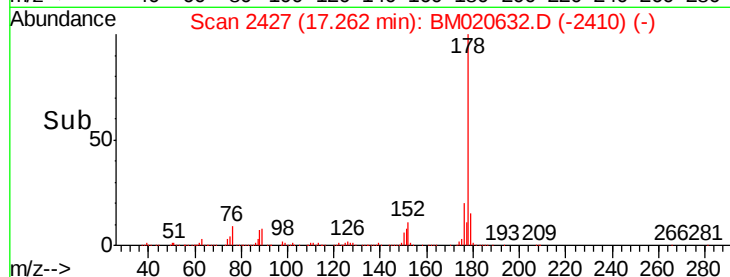
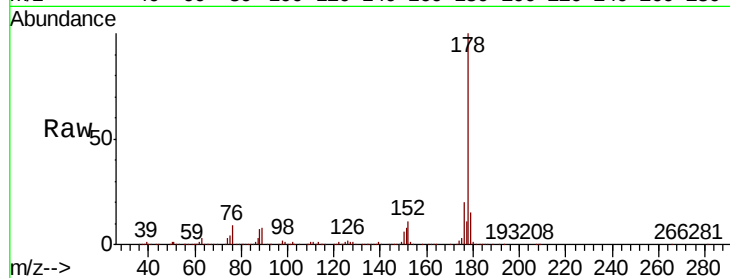
#71  
Phenanthrene  
Concen: 40.275 ng  
RT: 17.26 min Scan# 2427  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.5  | 23.3  |
| 179     | 15.3  | 12.2  | 18.4  |

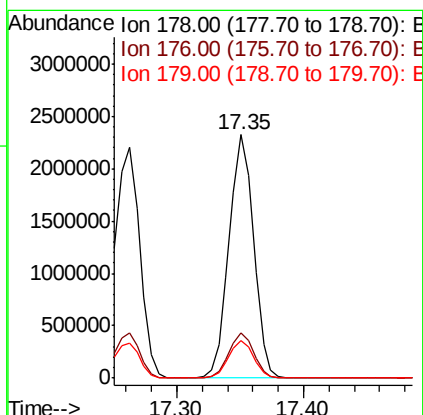
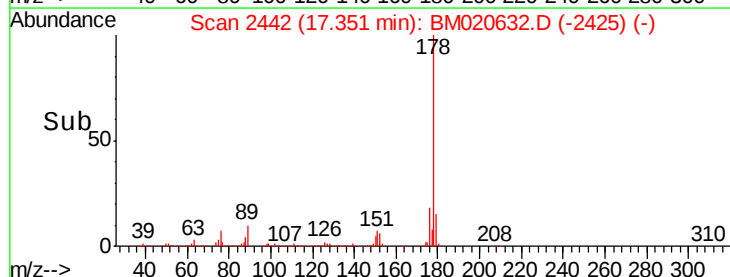
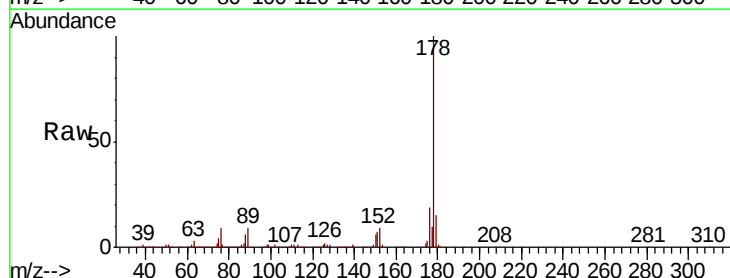
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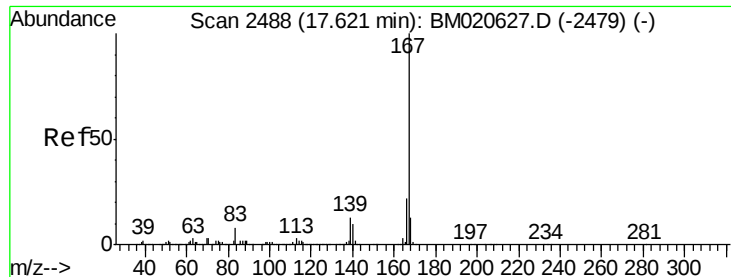
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#72  
Anthracene  
Concen: 40.289 ng  
RT: 17.35 min Scan# 2442  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.1  | 22.7  |
| 179     | 15.4  | 12.3  | 18.5  |





#73

Carbazole

Concen: 39.613 ng

RT: 17.62 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

ClientSampleId :

ICVBM053119

Tot Ion:167 Resp: 2780544

Ion Ratio Lower Upper

167 100

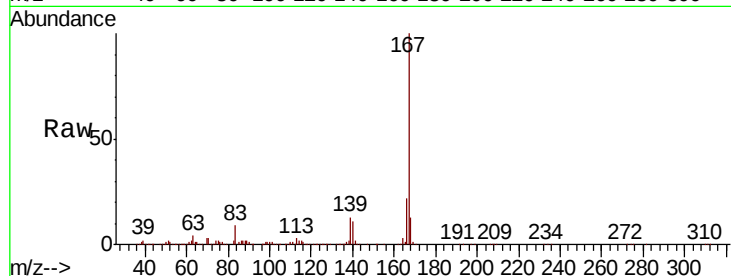
166 21.5 17.5 26.3

139 13.3 10.6 15.8

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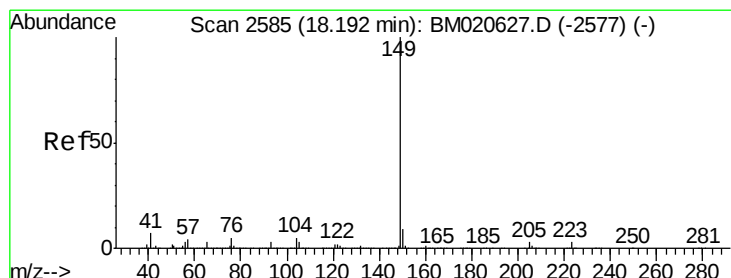
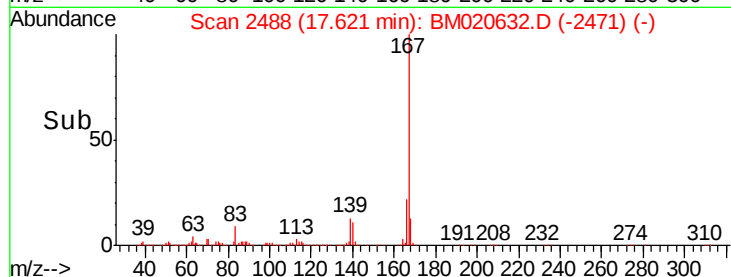
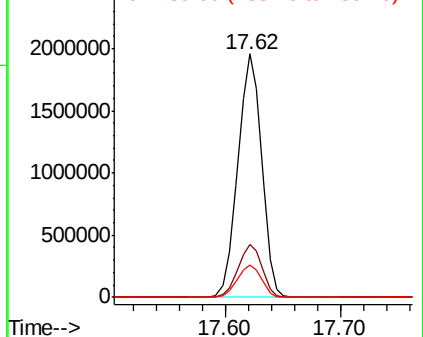


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.697 ng

RT: 18.19 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

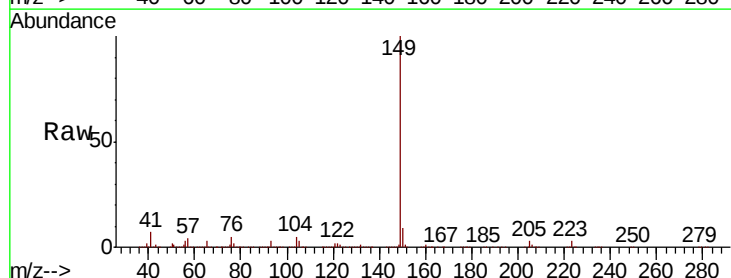
Tgt Ion:149 Resp: 3617189

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.3 4.2 6.2

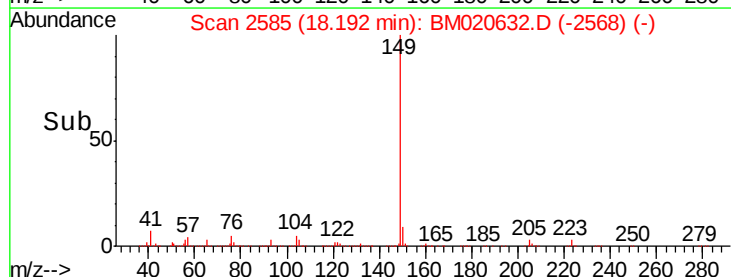
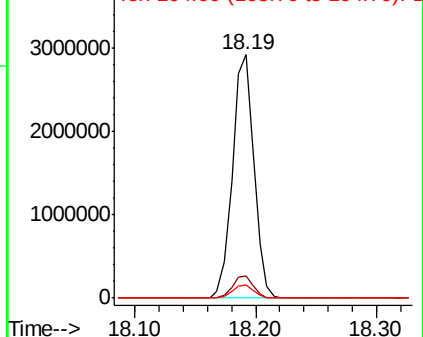


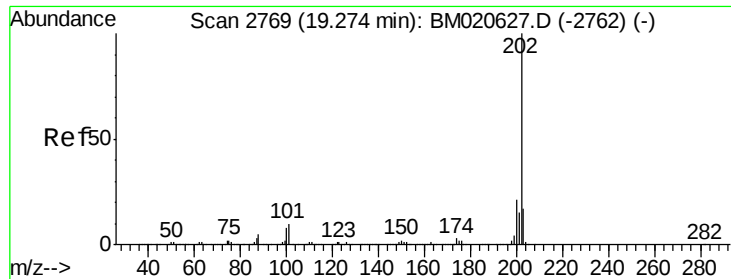
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.644 ng

RT: 19.27 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

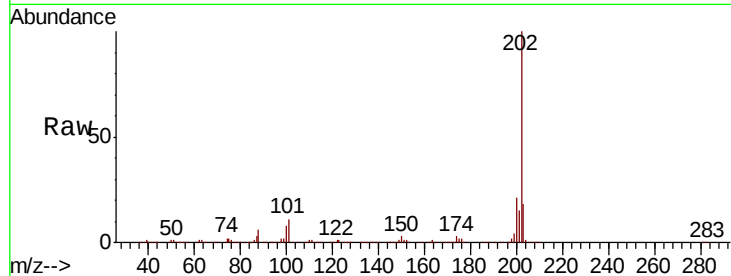
ClientSampleId :

ICVBM053119

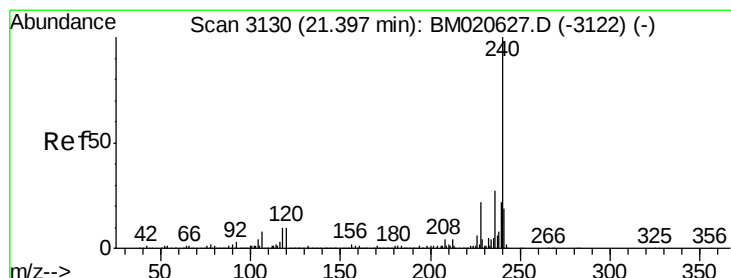
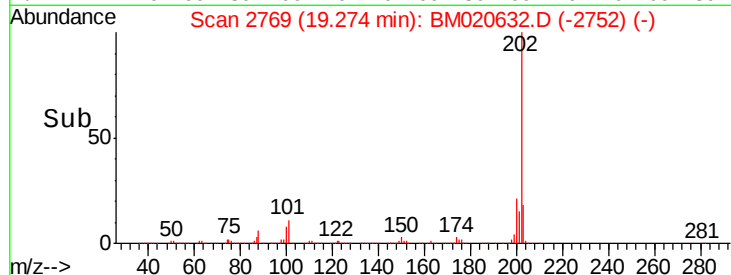
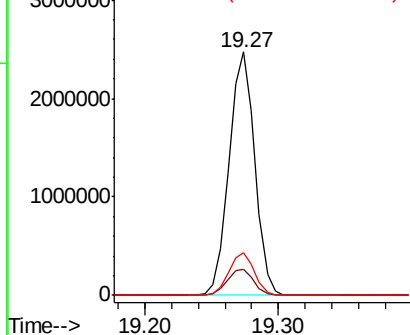
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 3321268 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.9  | 0.0   | 30.4    |
| 203      | 17.5  | 0.0   | 37.3    |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

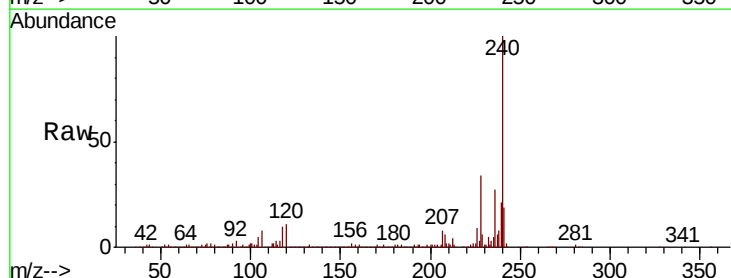
RT: 21.40 min Scan# 3130

Delta R.T. -0.00 min

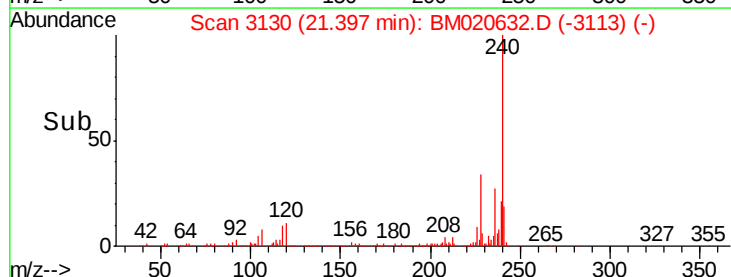
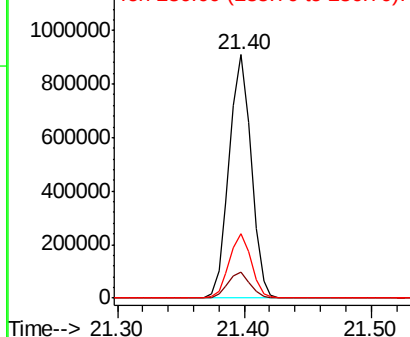
Lab File: BM020632.D

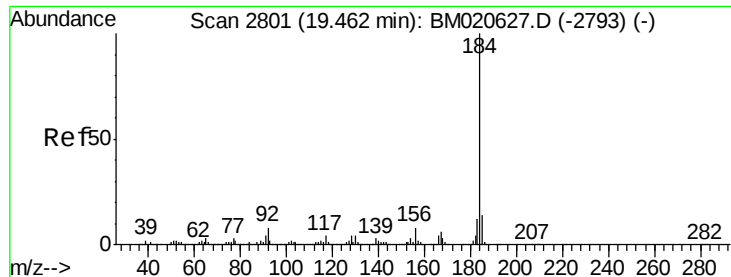
Acq: 31 May 2019 15:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1098343 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 10.7  | 8.2   | 12.2    |
| 236      | 26.6  | 21.2  | 31.8    |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.724 ng

RT: 19.46 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

ClientSampled :

ICVBM053119

Tot Ion:184 Resp: 1355337

Ion Ratio Lower Upper

184 100

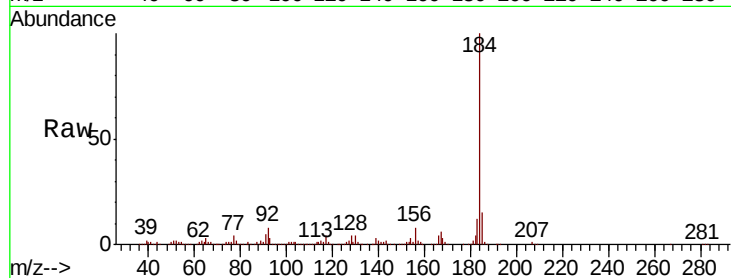
185 14.6 11.3 16.9

183 12.2 9.8 14.6

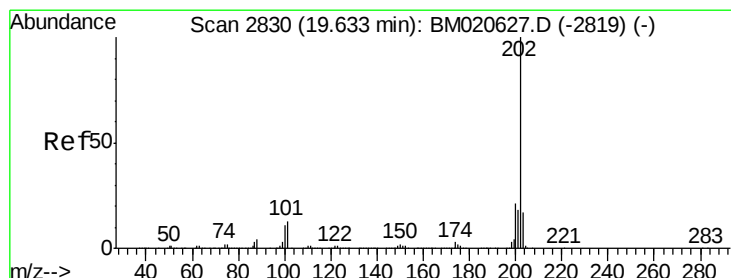
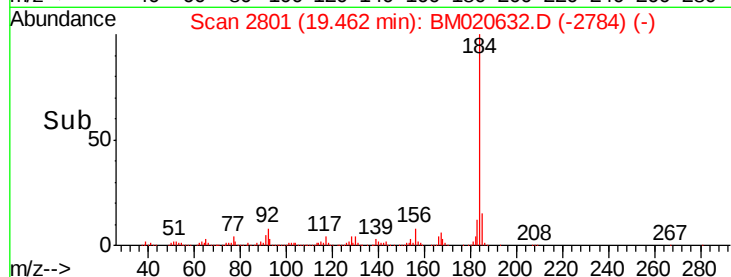
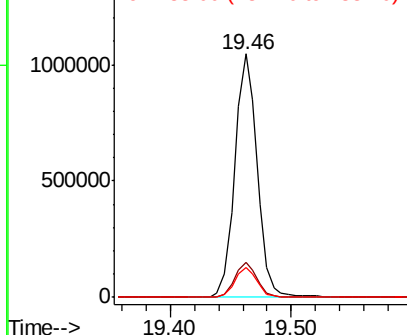
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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.062 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

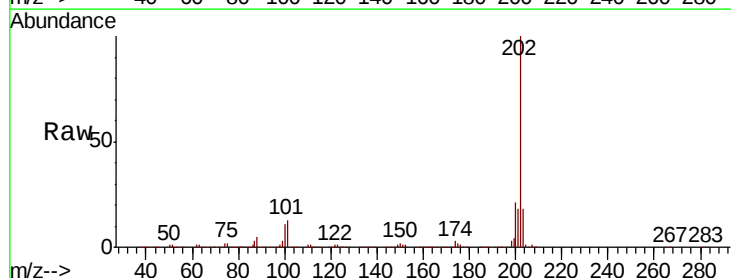
Tgt Ion:202 Resp: 3376608

Ion Ratio Lower Upper

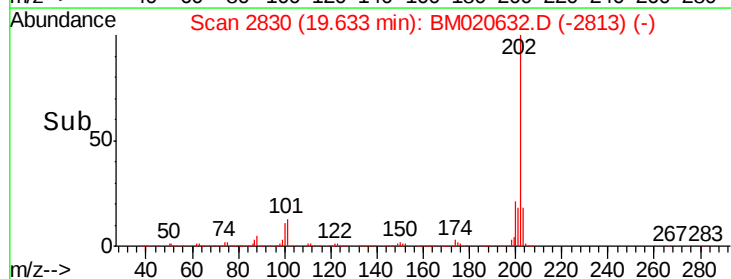
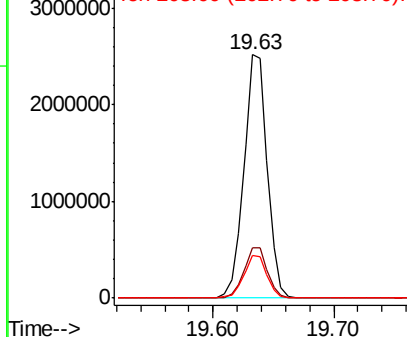
202 100

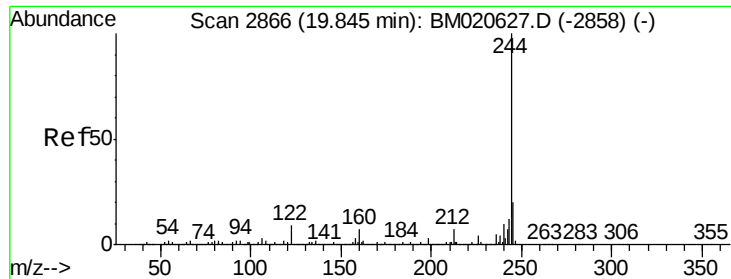
200 20.9 16.8 25.2

203 17.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





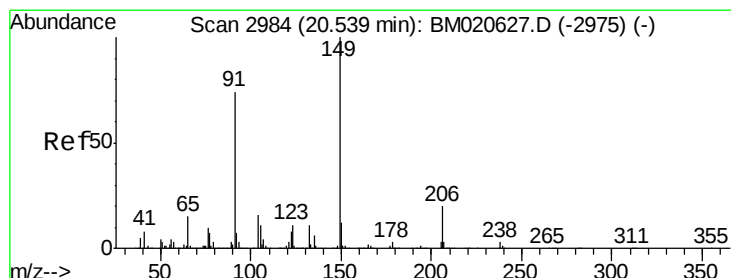
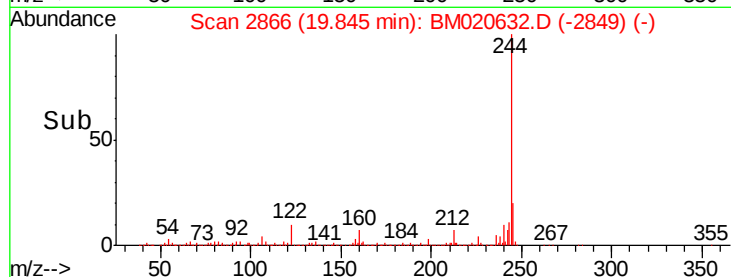
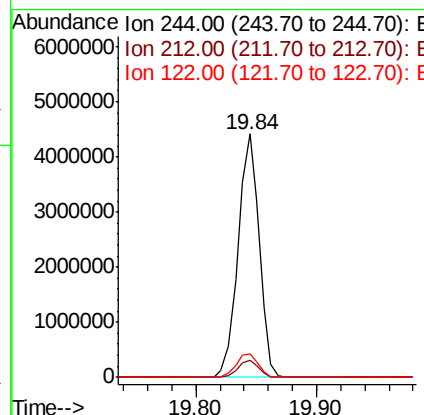
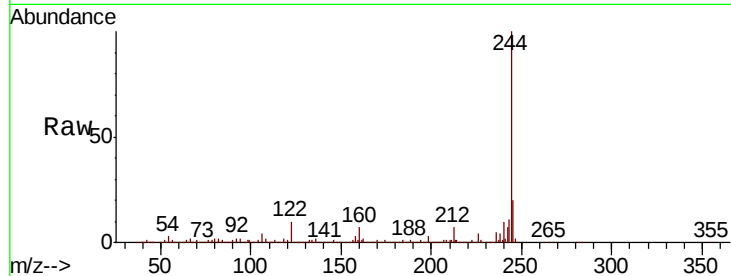
#79  
 Terphenyl-d14  
 Concen: 81.613 ng  
 RT: 19.84 min Scan# 2866  
 Delta R.T. -0.00 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.7   | 8.5   |
| 122     | 9.7   | 7.2   | 10.8  |

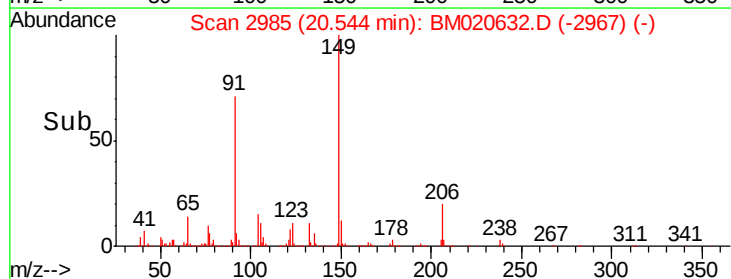
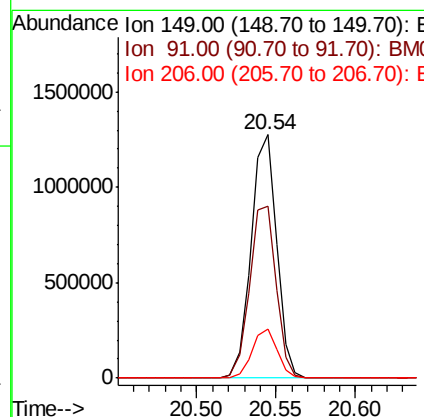
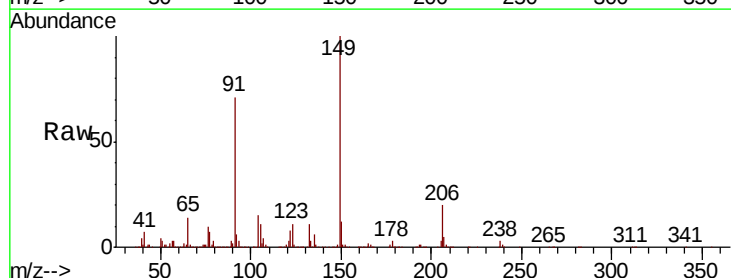
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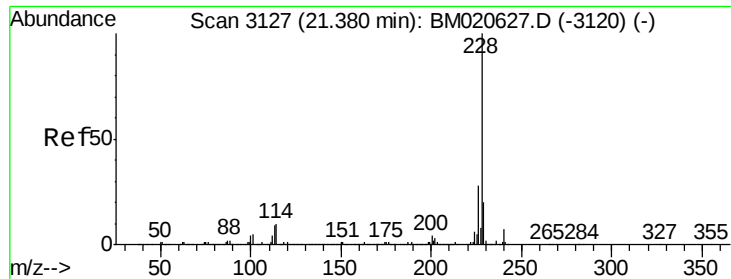
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#80  
 Butylbenzylphthalate  
 Concen: 40.022 ng  
 RT: 20.54 min Scan# 2985  
 Delta R.T. 0.01 min  
 Lab File: BM020632.D  
 Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.7  | 59.6  | 89.4  |
| 206     | 20.4  | 15.7  | 23.5  |





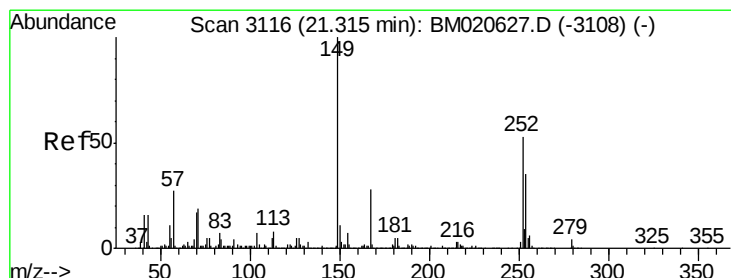
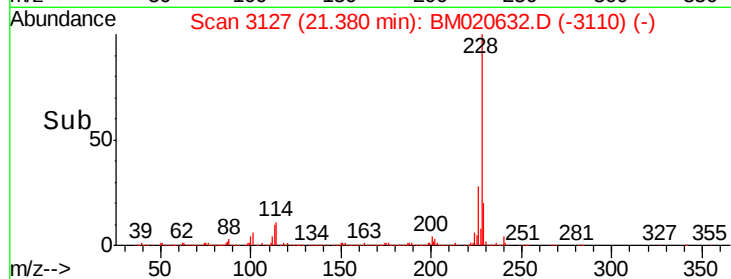
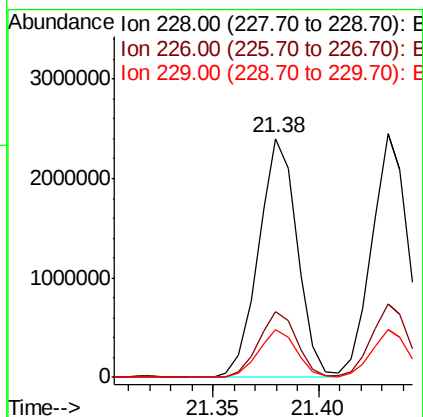
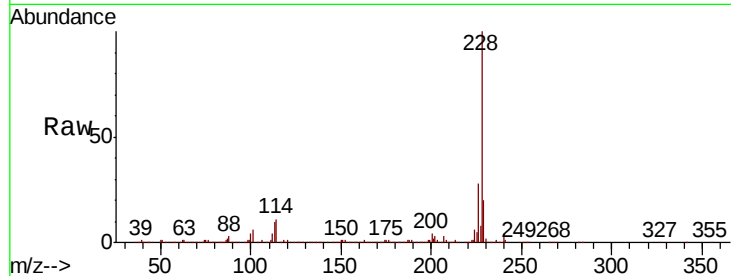
#81  
Benzo(a)anthracene  
Concen: 40.064 ng  
RT: 21.38 min Scan# 3127  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 22.3  | 33.5  |
| 229     | 19.8  | 15.9  | 23.9  |

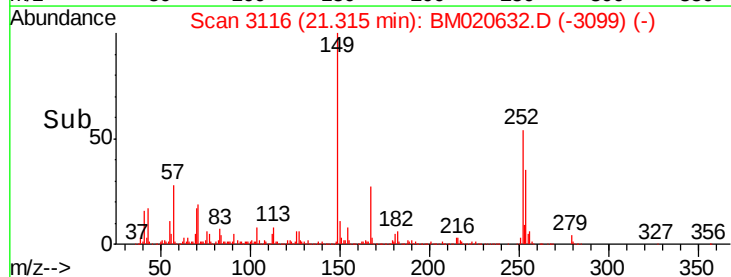
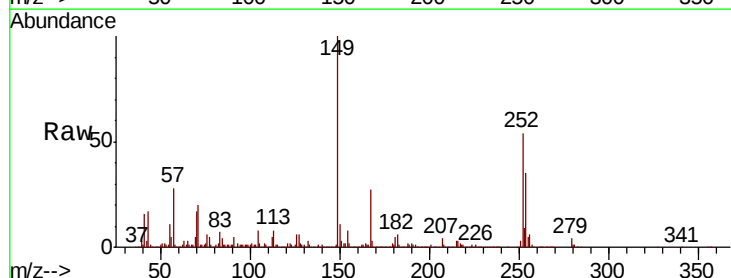
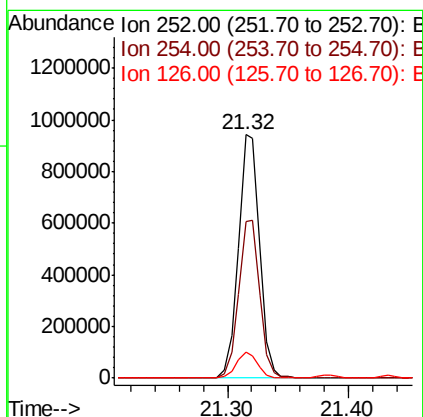
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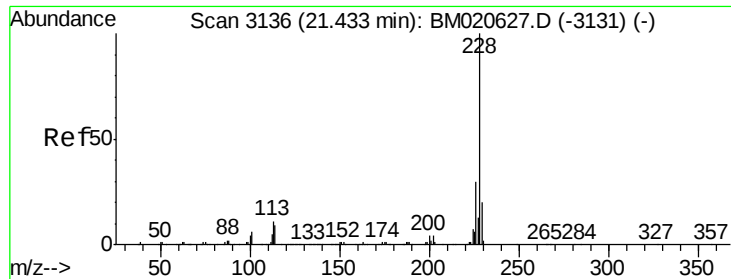
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 41.090 ng  
RT: 21.32 min Scan# 3116  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.4  | 52.6  | 78.8  |
| 126     | 10.8  | 8.0   | 12.0  |





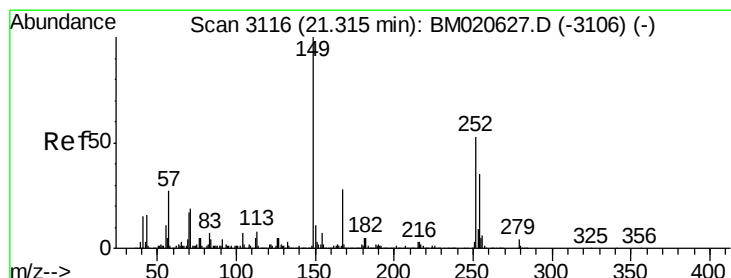
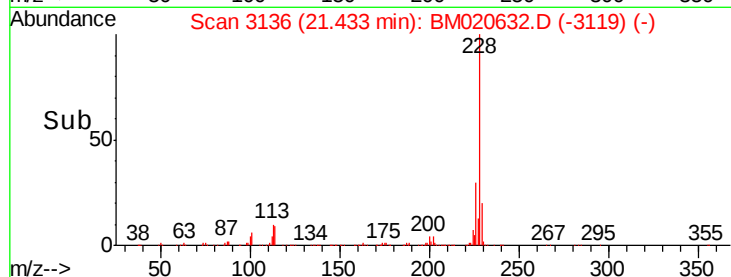
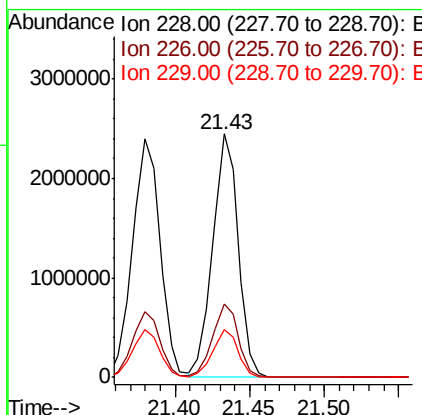
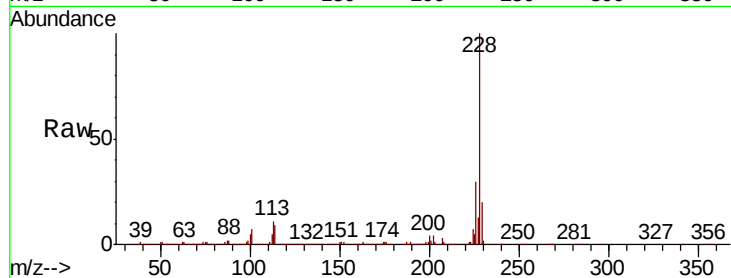
#83  
Chrysene  
Concen: 40.120 ng  
RT: 21.43 min Scan# 3136  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 24.2  | 36.2  |
| 229     | 19.5  | 15.8  | 23.6  |

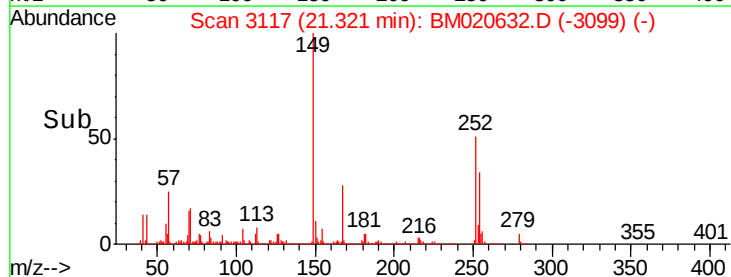
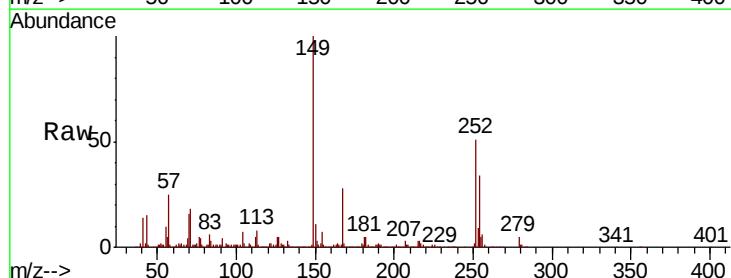
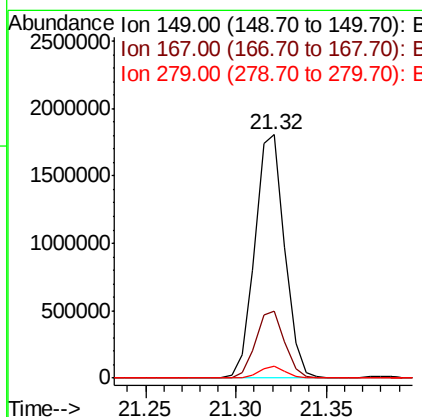
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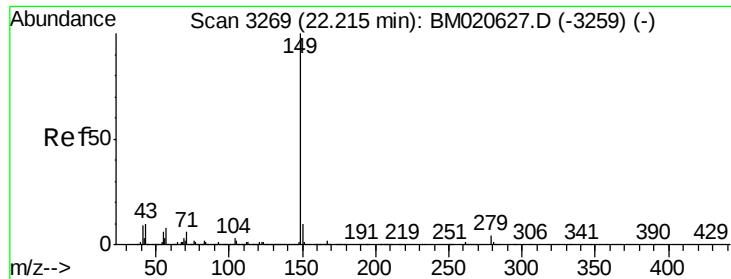
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.708 ng  
RT: 21.32 min Scan# 3117  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.6  | 22.1  | 33.1  |
| 279     | 4.9   | 3.4   | 5.0   |





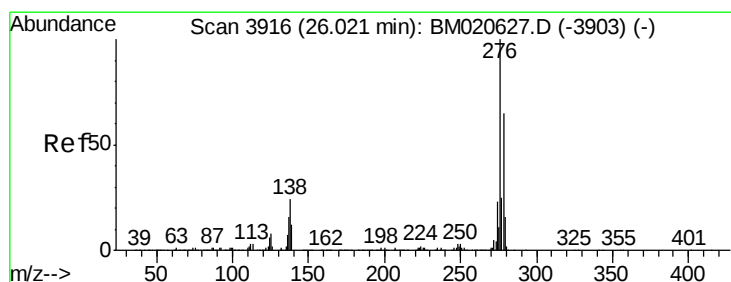
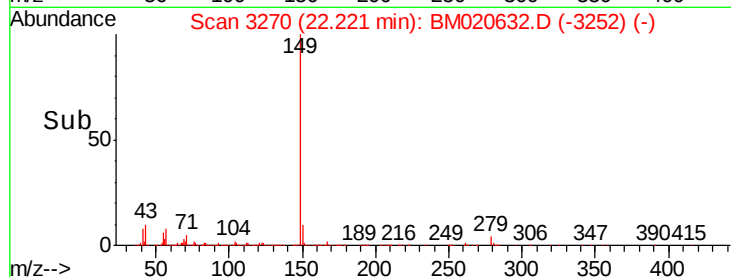
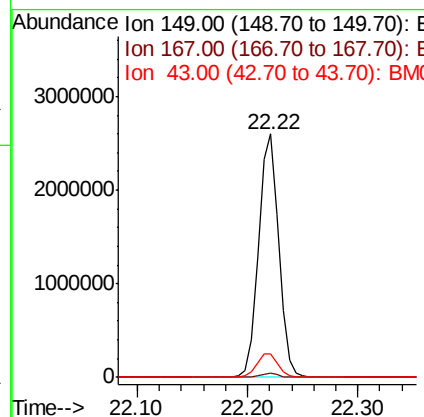
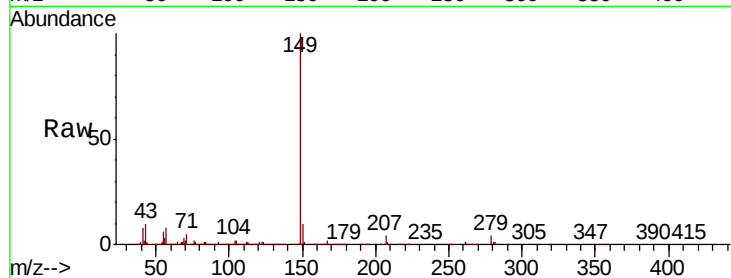
#85  
Di-n-octyl phthalate  
Concen: 40.568 ng  
RT: 22.22 min Scan# 3270  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 10.3  | 8.2   | 12.4  |

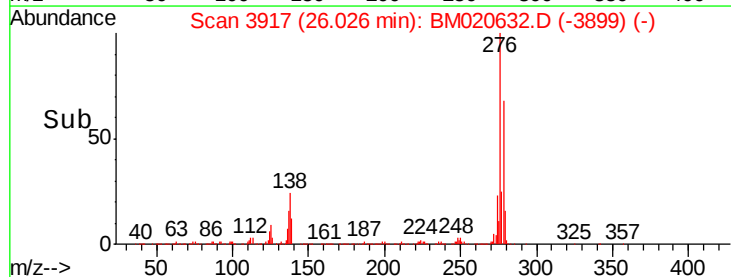
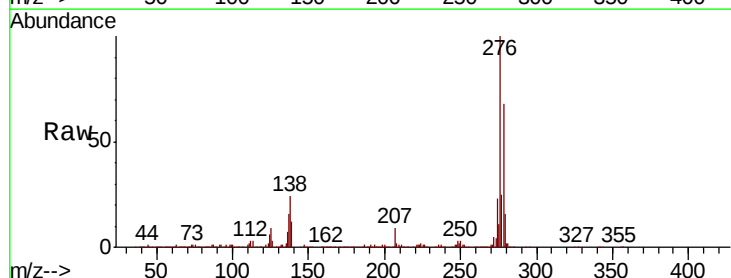
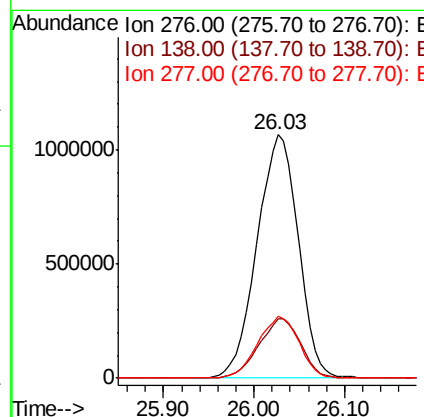
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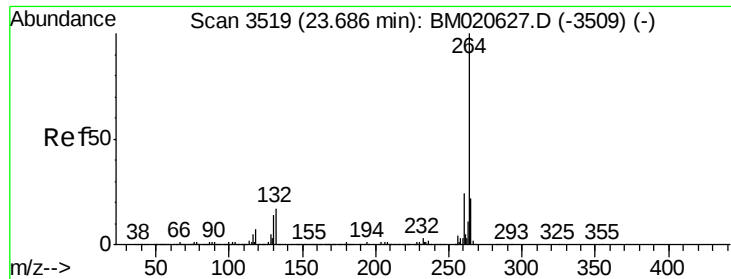
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 45.186 ng  
RT: 26.03 min Scan# 3917  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.8  | 19.8  | 29.8  |
| 277     | 25.4  | 20.2  | 30.4  |





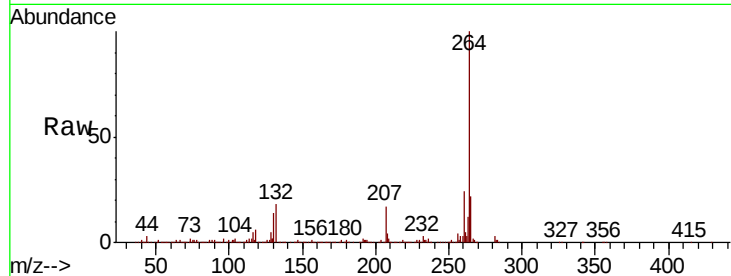
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.69 min Scan# 3520  
Delta R.T. 0.01 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM053119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 22.1  | 17.6  | 26.4  |

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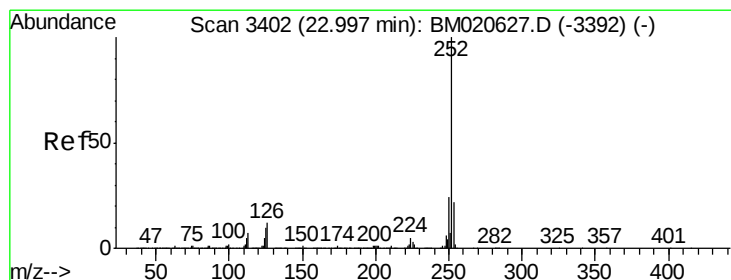
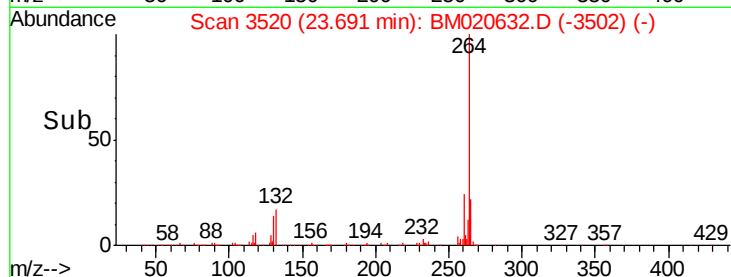
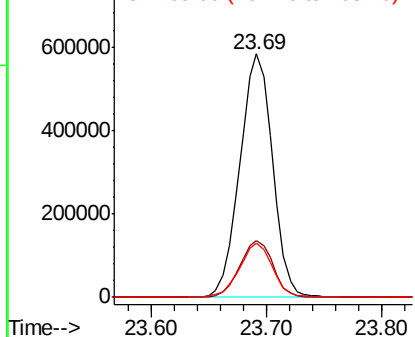


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88  
Benzo(b)fluoranthene  
Concen: 38.099 ng  
RT: 23.00 min Scan# 3402  
Delta R.T. -0.00 min  
Lab File: BM020632.D  
Acq: 31 May 2019 15:57

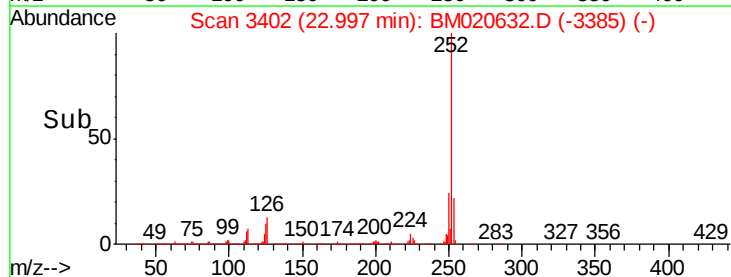
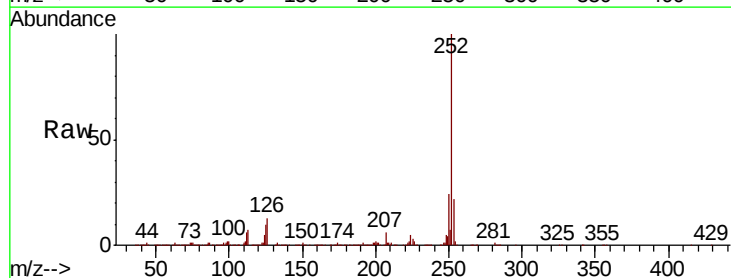
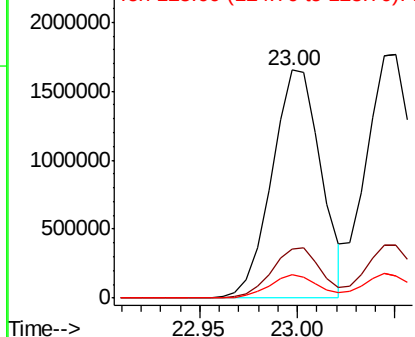
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.4  | 26.2  |
| 125     | 10.1  | 7.8   | 11.8  |

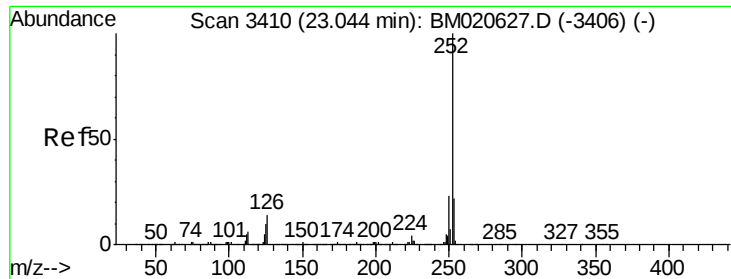
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.461 ng

RT: 23.05 min Scan# 3411

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

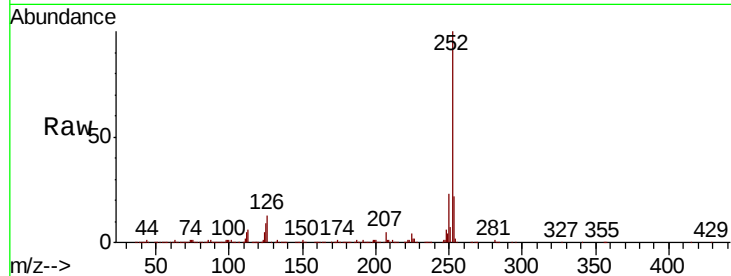
ClientSampleId :

ICVBM053119

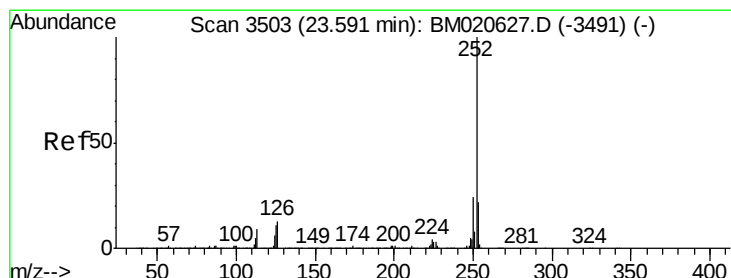
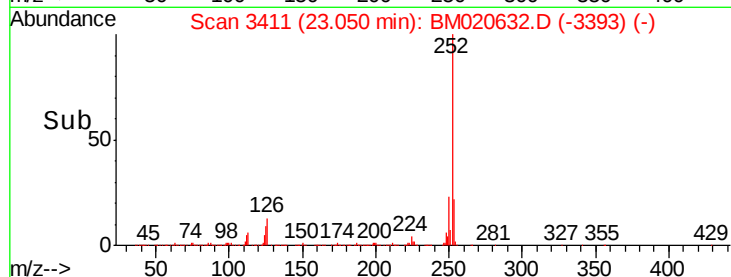
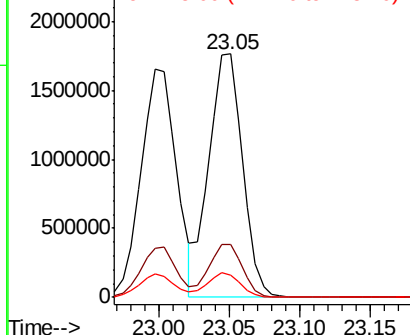
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 252   | Resp: | 2926241 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 21.7  | 17.4  | 26.2    |
| 125      | 9.2   | 7.8   | 11.8    |

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.521 ng

RT: 23.59 min Scan# 3503

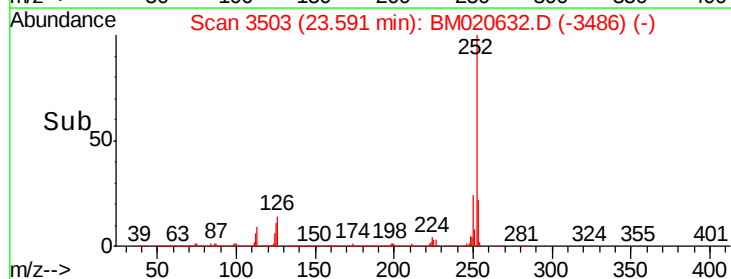
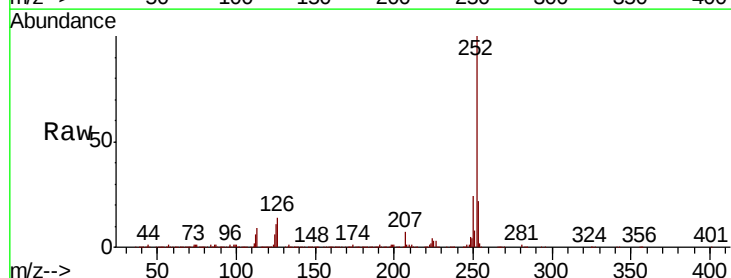
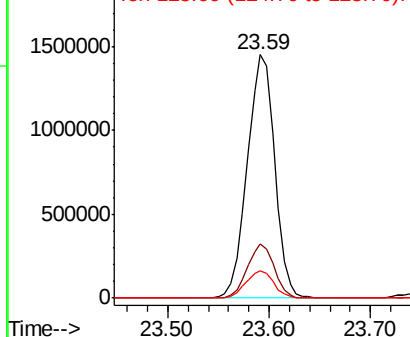
Delta R.T. -0.00 min

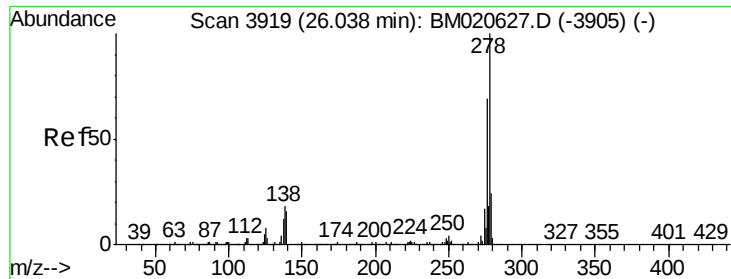
Lab File: BM020632.D

Acq: 31 May 2019 15:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 2720203 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.4  | 17.5  | 26.3    |
| 125      | 11.1  | 8.6   | 13.0    |

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





#91

Dibenzo(a,h)anthracene

Concen: 41.858 ng

RT: 26.04 min Scan# 3920

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA\_M

ClientSampleId :

ICVBM053119

Tot Ion:278 Resp: 2795109

Ion Ratio Lower Upper

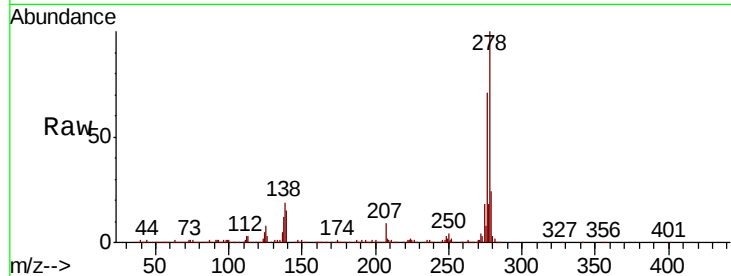
278 100

139 15.4 12.6 18.8

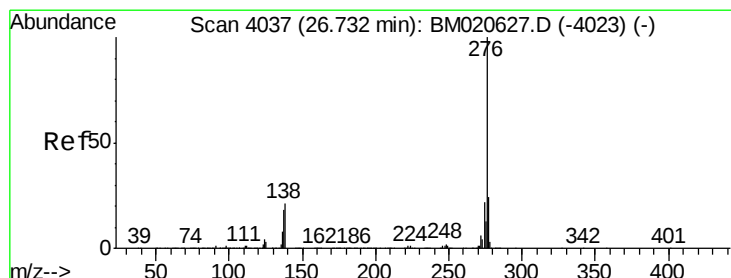
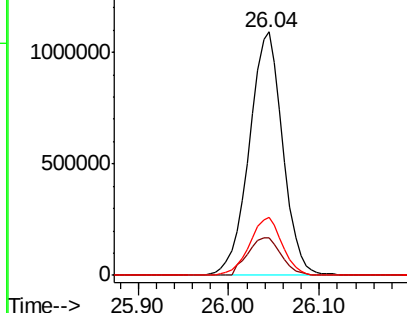
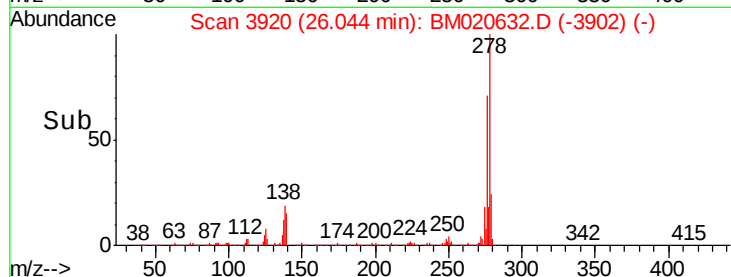
279 23.6 19.0 28.6

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



#92

Benzo(g,h,i)perylene

Concen: 42.337 ng

RT: 26.74 min Scan# 4038

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

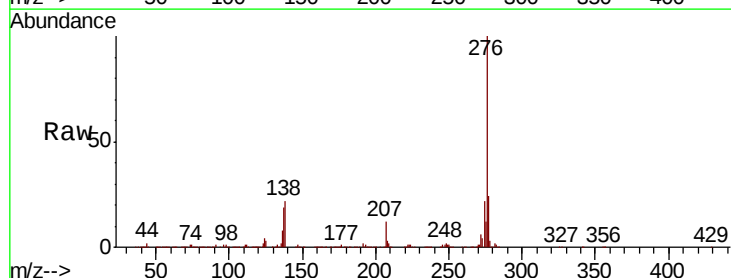
Tgt Ion:276 Resp: 2625951

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 22.5 17.0 25.4



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

