

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\  
 Data File : BM024659.D  
 Acq On : 30 Jan 2020 15:28  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 2/3/2020 7:55:27 AM

Quant Time: Jan 30 23:36:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 180703   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.19 | 136  | 671572   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.08 | 164  | 457636   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 16.83 | 188  | 1042903  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.04 | 240  | 1150873  | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.16 | 264  | 1343060  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.07  | 112 | 833334  | 87.70 | ng | -0.01 |
| 7) Phenol-d6             | 6.63  | 99  | 1070391 | 81.77 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 8.57  | 82  | 1053729 | 76.95 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.58 | 330 | 687455  | 92.35 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 12.70 | 172 | 2956333 | 87.82 | ng | -0.01 |
| 79) Terphenyl-d14        | 19.49 | 244 | 5480419 | 88.90 | ng | -0.01 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.07  | 88  | 150773  | 40.113 | ng | 91     |
| 3) Pyridine                    | 3.44  | 79  | 438941  | 40.284 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.36  | 42  | 155258  | 32.101 | ng | 83     |
| 6) Aniline                     | 6.77  | 93  | 641204  | 40.240 | ng | 95     |
| 8) 2-Chlorophenol              | 7.00  | 128 | 475196  | 43.932 | ng | 92     |
| 9) Benzaldehyde                | 6.58  | 77  | 285913  | 36.967 | ng | 94     |
| 10) Phenol                     | 6.66  | 94  | 526951  | 40.386 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.87  | 93  | 404995  | 38.772 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.32  | 146 | 599859  | 45.142 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 7.46  | 146 | 603969  | 44.802 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.77  | 146 | 583416  | 44.834 | ng | 97     |
| 15) Benzyl Alcohol             | 7.67  | 79  | 404297  | 37.462 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.96  | 45  | 324174  | 33.901 | ng | 97     |
| 17) 2-Methylphenol             | 7.89  | 107 | 372245  | 40.485 | ng | 95     |
| 18) Hexachloroethane           | 8.49  | 117 | 209505  | 40.245 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.24  | 70  | 335950  | 34.184 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.21  | 107 | 505167  | 39.689 | ng | 96     |
| 22) Acetophenone               | 8.25  | 105 | 713328  | 41.193 | ng | 96     |
| 24) Nitrobenzene               | 8.61  | 77  | 506787  | 38.619 | ng | 96     |
| 25) Isophorone                 | 9.14  | 82  | 882905  | 37.945 | ng | 97     |
| 26) 2-Nitrophenol              | 9.32  | 139 | 278933  | 45.904 | ng | 87     |
| 27) 2,4-Dimethylphenol         | 9.40  | 122 | 357113  | 43.248 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 9.63  | 93  | 572399  | 40.270 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.85  | 162 | 513446  | 46.024 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.06 | 180 | 626292  | 46.548 | ng | 99     |
| 31) Naphthalene                | 10.24 | 128 | 1481691 | 43.683 | ng | 99     |
| 32) Benzoic acid               | 9.55  | 122 | 334663m | 44.306 | ng |        |
| 33) 4-Chloroaniline            | 10.36 | 127 | 639390  | 43.005 | ng | 96     |
| 34) Hexachlorobutadiene        | 10.55 | 225 | 424349  | 45.624 | ng | 99     |
| 35) Caprolactam                | 11.13 | 113 | 151539  | 42.339 | ng | 84     |
| 36) 4-Chloro-3-methylphenol    | 11.50 | 107 | 471053  | 39.709 | ng | 89     |
| 37) 2-Methylnaphthalene        | 11.86 | 142 | 1116076 | 42.637 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.09 | 142 | 1055890 | 42.406 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.25 | 216 | 738841  | 45.236 | ng | 99     |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTDCCC040

Manual Integrations  
 APPROVED

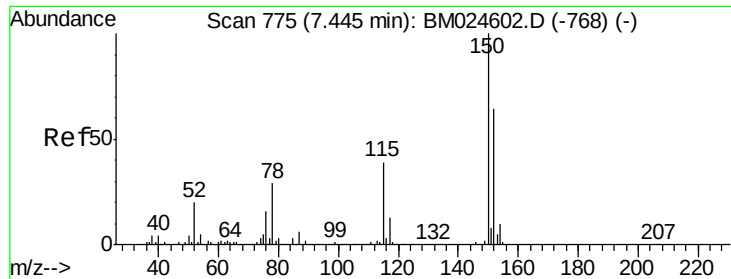
mohammad  
 2/3/2020 7:55:27 AM

Quant Time: Jan 30 23:36:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.23 | 237  | 334434   | 36.530 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.50 | 196  | 474437   | 45.647 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.57 | 196  | 480792   | 45.295 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 12.90 | 154  | 1524492  | 44.019 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.94 | 162  | 1255376  | 44.900 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.15 | 65   | 304235   | 35.677 | ng    | 86       |
| 49) Acenaphthylene             | 13.80 | 152  | 1838079  | 43.915 | ng    | 100      |
| 50) Dimethylphthalate          | 13.56 | 163  | 1570415  | 42.437 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.66 | 165  | 341643   | 43.424 | ng #  | 84       |
| 52) Acenaphthene               | 14.14 | 154  | 1129159  | 43.475 | ng    | 99       |
| 53) 3-Nitroaniline             | 13.99 | 138  | 353670   | 43.341 | ng    | 92       |
| 54) 2,4-Dinitrophenol          | 14.20 | 184  | 201427   | 42.813 | ng #  | 83       |
| 55) Dibenzofuran               | 14.49 | 168  | 1862931  | 43.981 | ng    | 95       |
| 56) 4-Nitrophenol              | 14.32 | 139  | 272805   | 42.768 | ng    | 86       |
| 57) 2,4-Dinitrotoluene         | 14.46 | 165  | 477251   | 42.325 | ng #  | 82       |
| 58) Fluorene                   | 15.14 | 166  | 1501309  | 42.176 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.72 | 232  | 470986   | 43.754 | ng #  | 94       |
| 60) Diethylphthalate           | 14.94 | 149  | 1524644  | 40.582 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.14 | 204  | 861494   | 41.979 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.16 | 138  | 382671   | 42.485 | ng    | 89       |
| 63) Azobenzene                 | 15.44 | 77   | 1130491  | 35.277 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylphenol | 15.23 | 198  | 275298   | 44.895 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 15.36 | 169  | 1314524  | 43.880 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.04 | 248  | 571405   | 44.058 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.15 | 284  | 688233   | 46.243 | ng    | 97       |
| 69) Atrazine                   | 16.33 | 200  | 443471   | 38.566 | ng    | 99       |
| 70) Pentachlorophenol          | 16.50 | 266  | 389387   | 42.953 | ng    | 98       |
| 71) Phenanthrene               | 16.87 | 178  | 2498598  | 44.243 | ng    | 99       |
| 72) Anthracene                 | 16.97 | 178  | 2452944  | 44.390 | ng    | 99       |
| 73) Carbazole                  | 17.24 | 167  | 2259422  | 44.915 | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.83 | 149  | 2656146  | 41.302 | ng    | 99       |
| 75) Fluoranthene               | 18.90 | 202  | 3176591  | 45.067 | ng    | 99       |
| 77) Benzdine                   | 19.10 | 184  | 1363112  | 50.858 | ng    | 99       |
| 78) Pyrene                     | 19.27 | 202  | 3290450  | 43.370 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.21 | 149  | 1295047  | 40.679 | ng    | 89       |
| 81) Benzo(a)anthracene         | 21.03 | 228  | 3485916  | 43.641 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 20.97 | 252  | 1409514  | 49.054 | ng    | 99       |
| 83) Chrysene                   | 21.09 | 228  | 3375463  | 44.286 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 1844891  | 39.274 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 21.86 | 149  | 3206175  | 41.313 | ng #  | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.23 | 276  | 4288080  | 51.617 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 22.54 | 252  | 3651978  | 41.925 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.58 | 252  | 3591913  | 42.245 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.07 | 252  | 3451747  | 43.585 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.24 | 278  | 3571485  | 47.513 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 25.85 | 276  | 3440759  | 50.411 | ng    | 98       |

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





#1

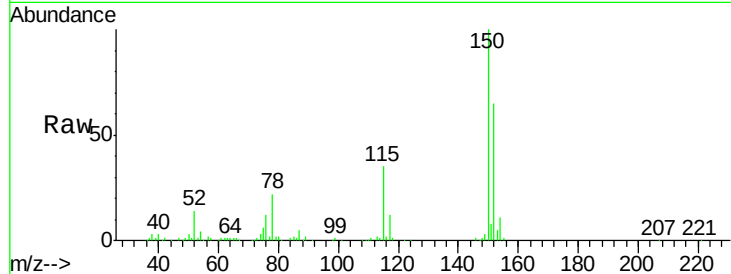
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.43 min Scan# 773  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

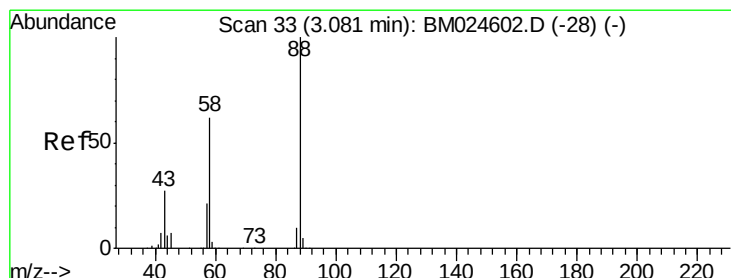
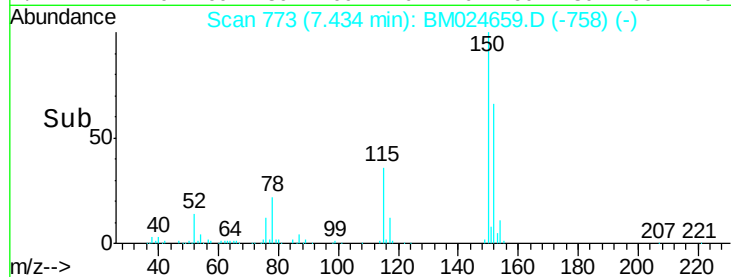
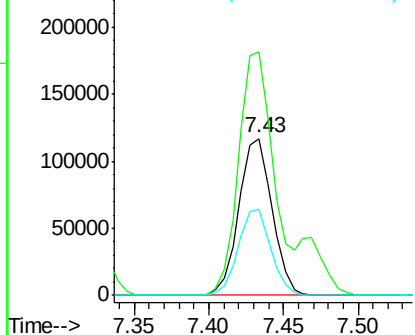
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.9 | 124.2 | 186.4 |
| 115     | 54.9  | 48.6  | 72.8  |

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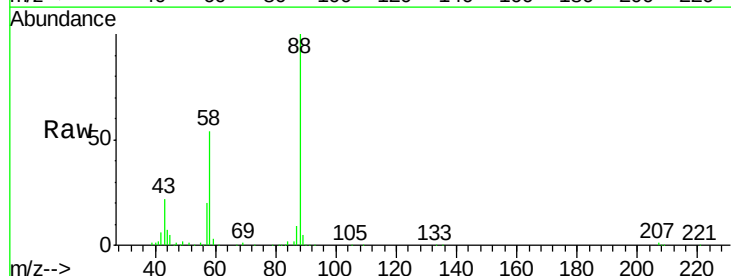
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



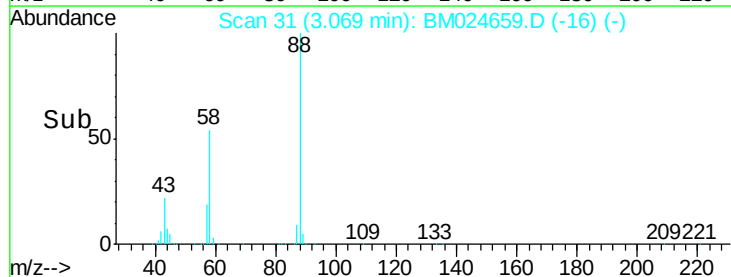
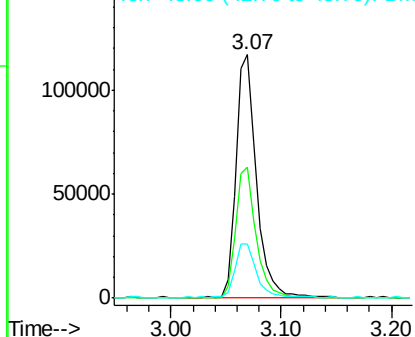
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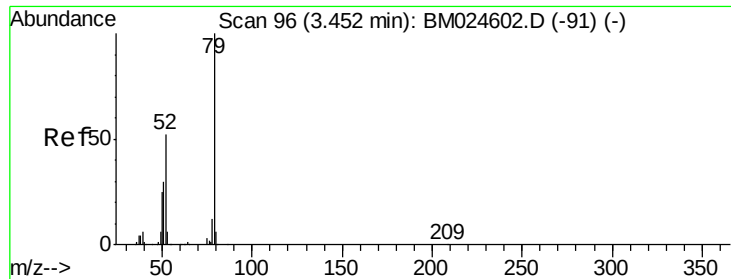
1,4-Dioxane  
Concen: 40.113 ng  
RT: 3.07 min Scan# 31  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 54.9  | 50.0  | 75.0  |
| 43      | 22.9  | 21.6  | 32.4  |



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





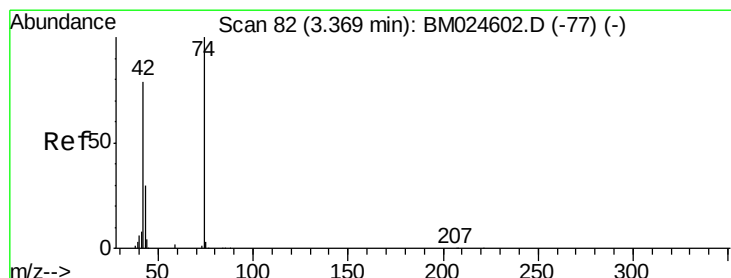
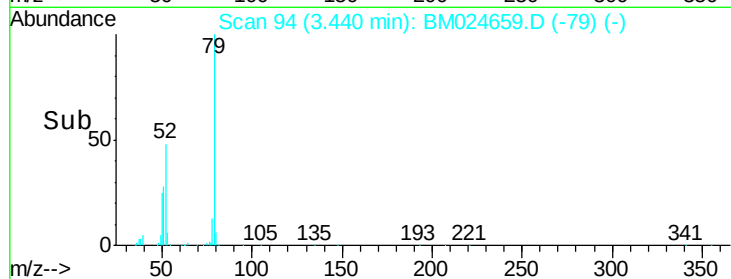
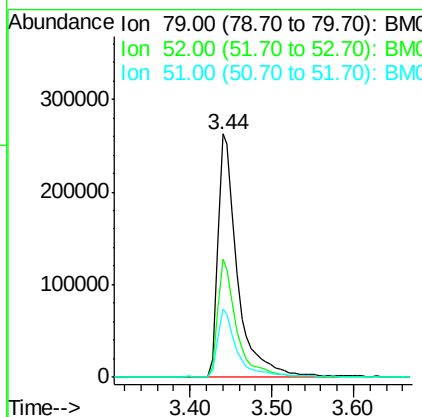
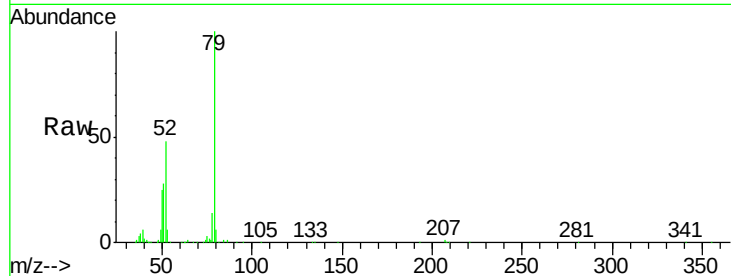
#3  
 Pvridine  
 Concen: 40.284 ng  
 RT: 3.44 min Scan# 94  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 48.3  | 41.4  | 62.2  |
| 51      | 28.2  | 23.8  | 35.8  |

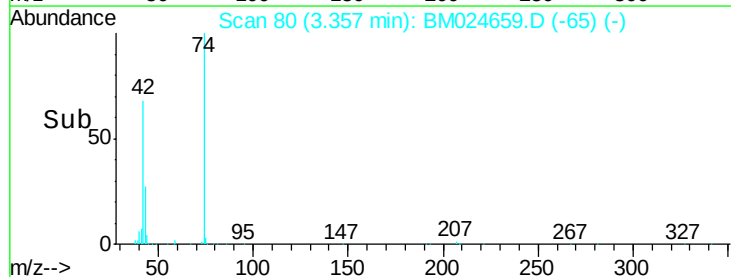
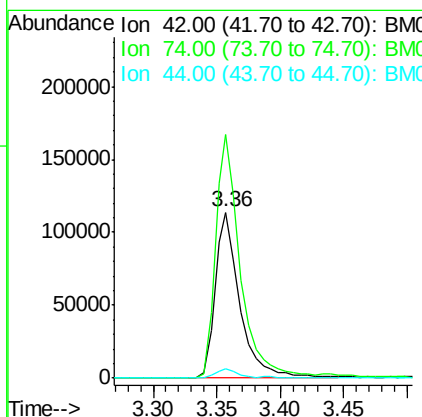
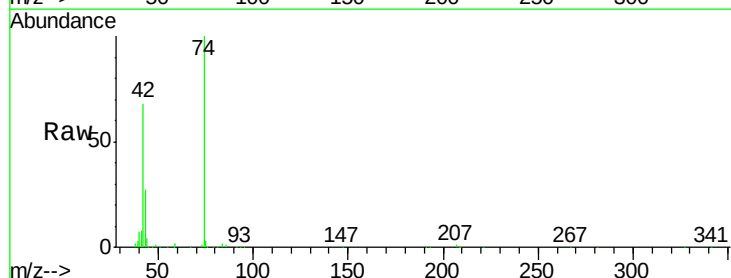
Manual Integrations  
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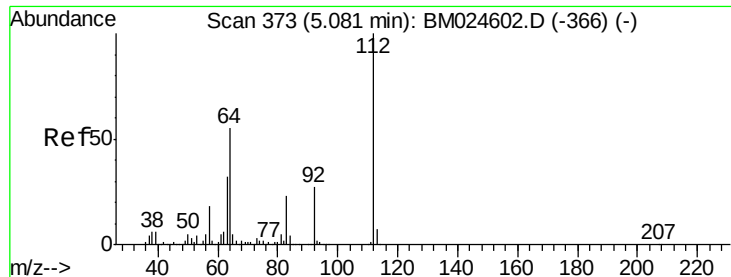
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 2/3/2020 7:55:27 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 32.101 ng  
 RT: 3.36 min Scan# 80  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 146.7 | 101.4 | 152.2 |
| 44      | 5.3   | 4.6   | 6.8   |





#5

2-Fluorophenol

Concen: 87.702 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

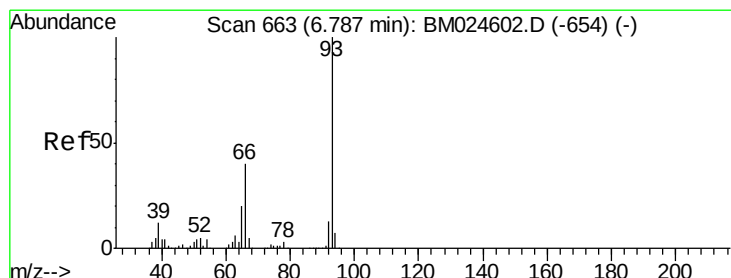
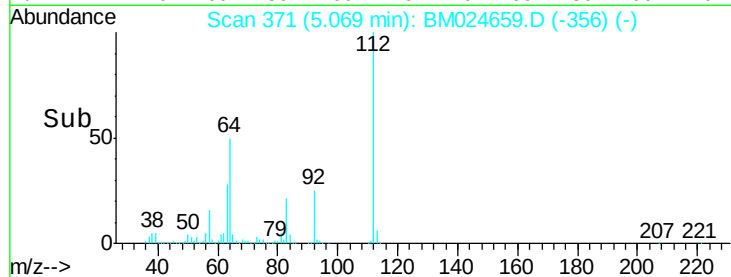
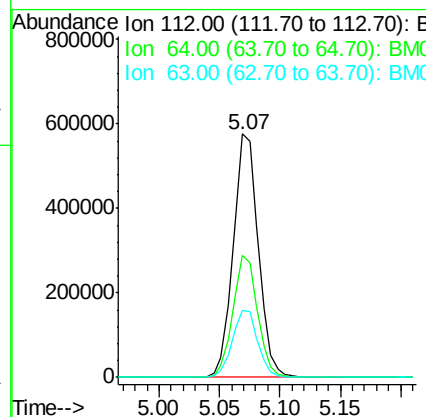
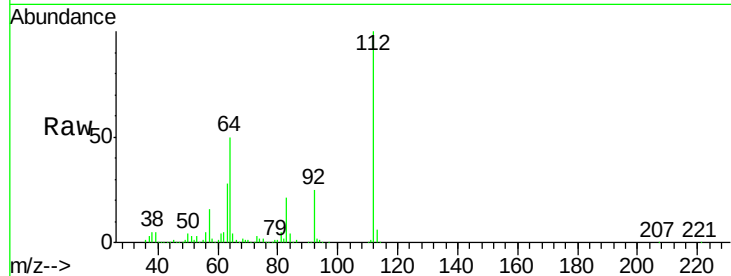
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 833334 |       |       |
| 64      | 50.2  |        | 44.2  | 66.4  |
| 63      | 27.6  |        | 25.9  | 38.9  |

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#6

Aniline

Concen: 40.240 ng

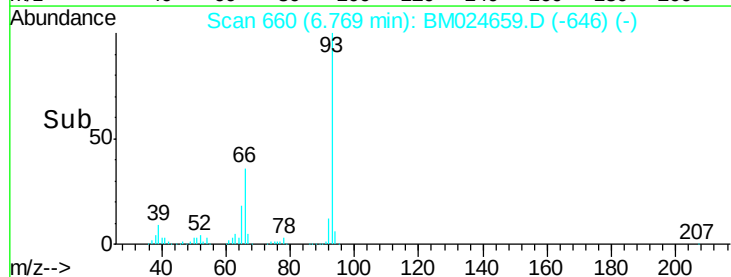
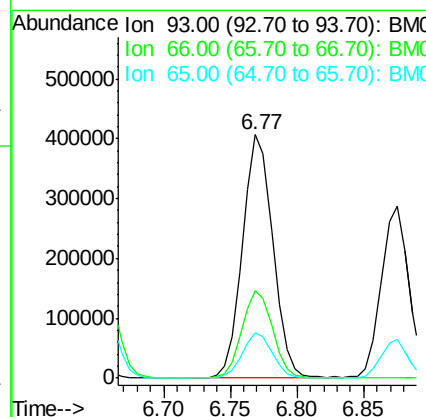
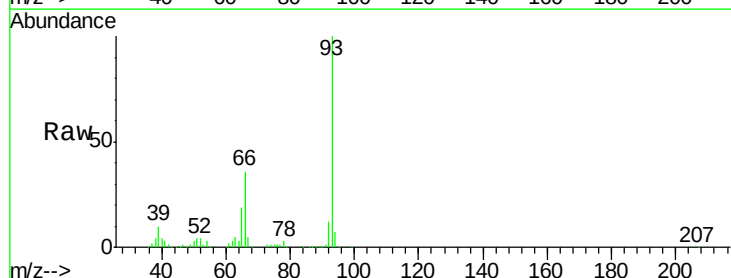
RT: 6.77 min Scan# 660

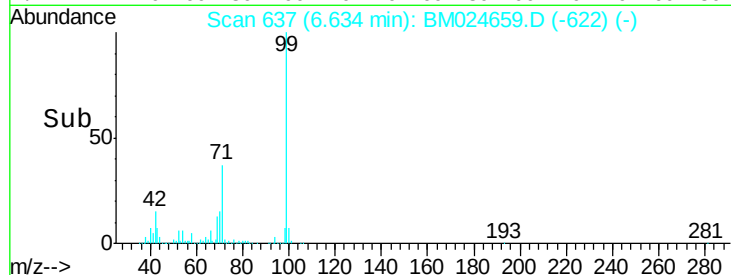
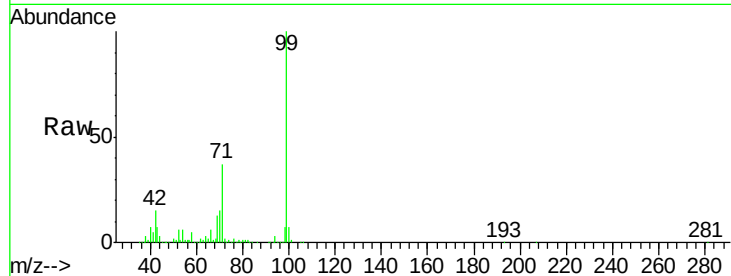
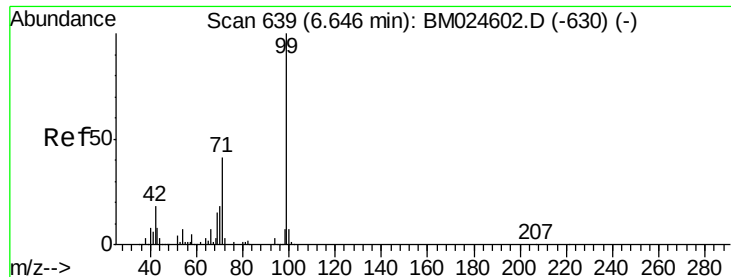
Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 641204 |       |       |
| 66      | 36.1  |        | 31.8  | 47.8  |
| 65      | 18.6  |        | 15.8  | 23.6  |





#7

Phenol-d6

Concen: 81.775 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1070391 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 14.9  | 14.1  | 21.1    |
| 71       | 37.3  | 33.0  | 49.6    |

Instrument :

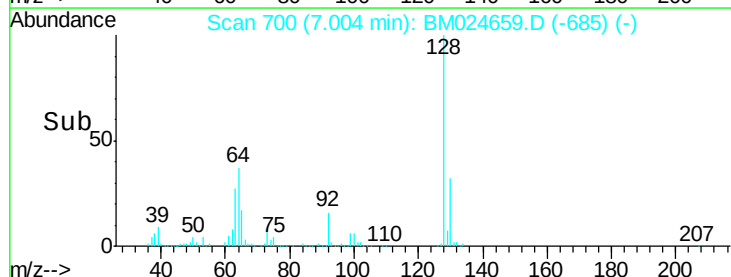
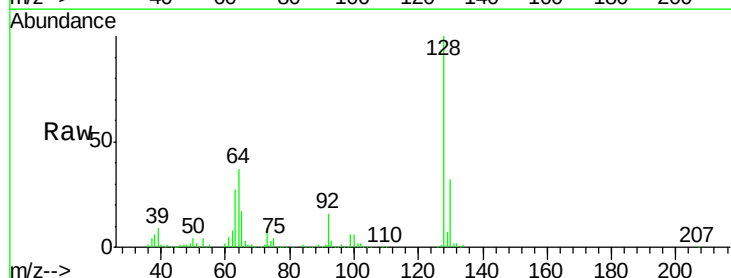
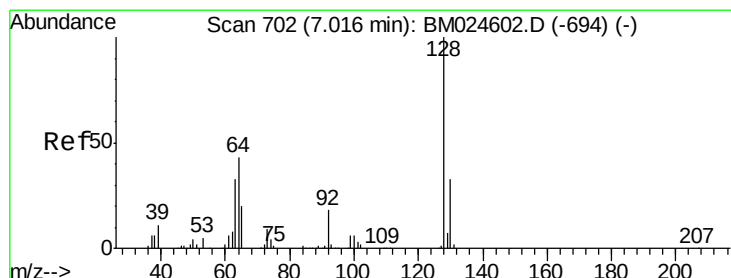
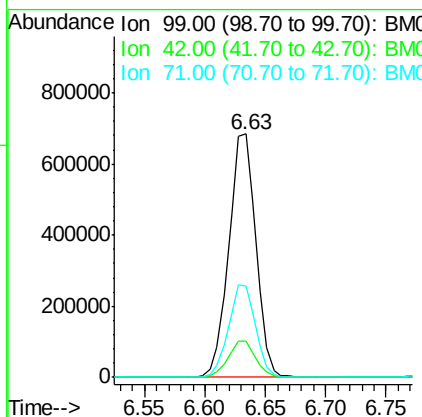
BNA\_M

ClientSampleId :

SSTDCCC040

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.932 ng

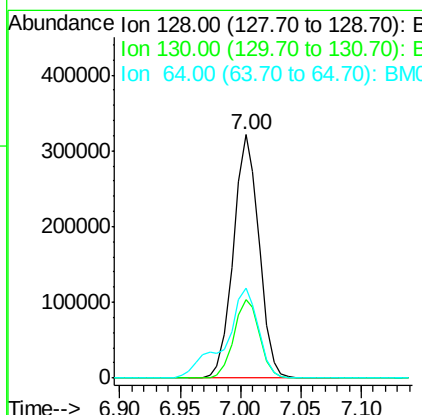
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Delta R.T. -0.01 min

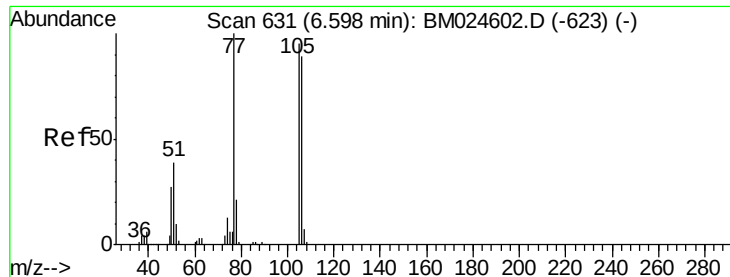
Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 475196 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.4  | 12.5  | 52.5   |
| 64       | 36.9  | 26.1  | 66.1   |







#9

Benzaldehyde

Concen: 36.967 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

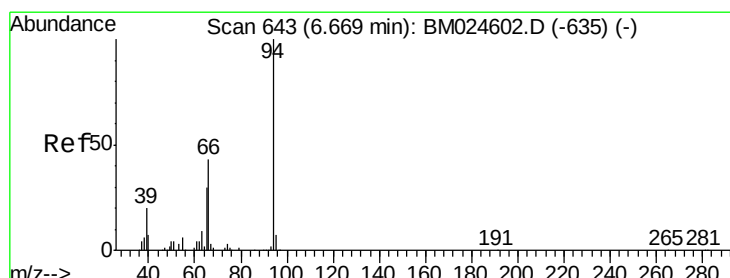
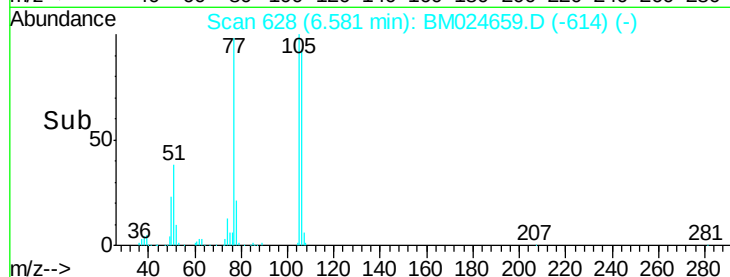
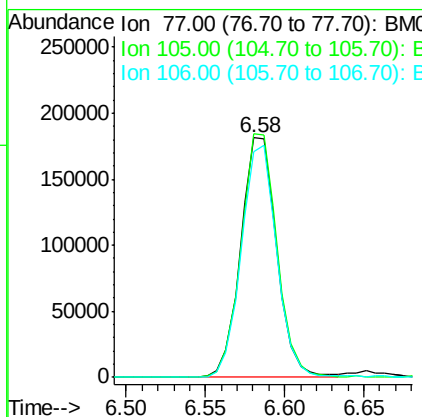
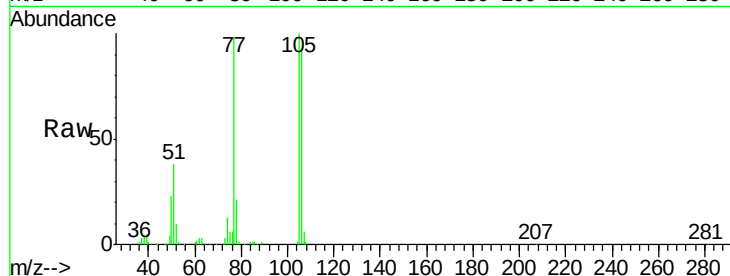
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 101.6 | 75.2  | 115.2 |
| 106     | 94.3  | 68.6  | 108.6 |

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#10

Phenol

Concen: 40.386 ng

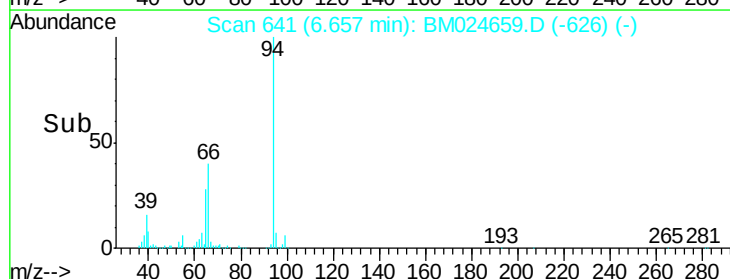
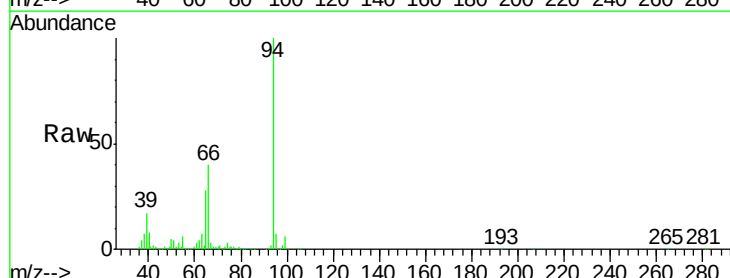
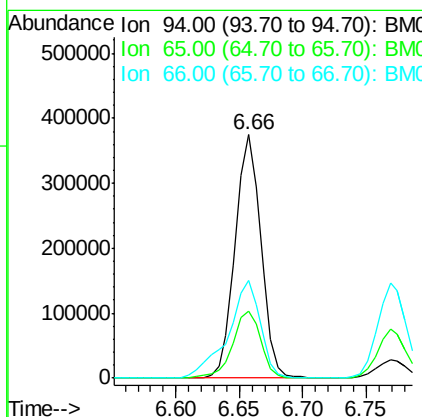
RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

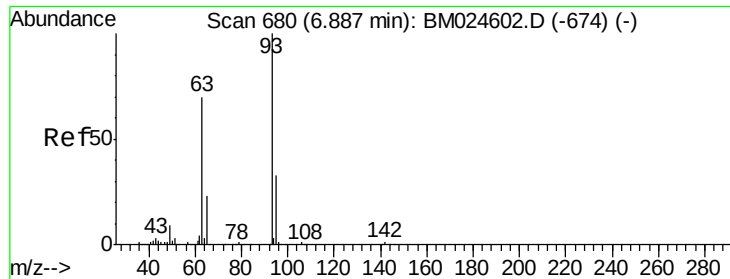
Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 27.6  | 10.3  | 50.3  |
| 66      | 39.9  | 24.8  | 64.8  |







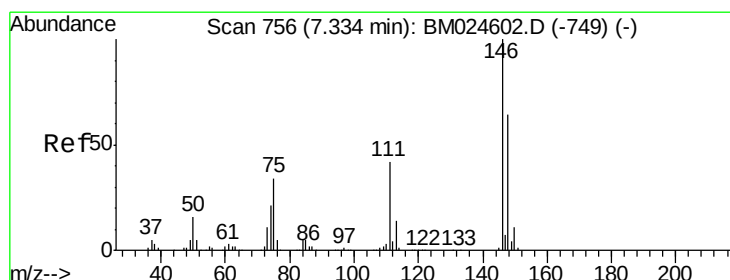
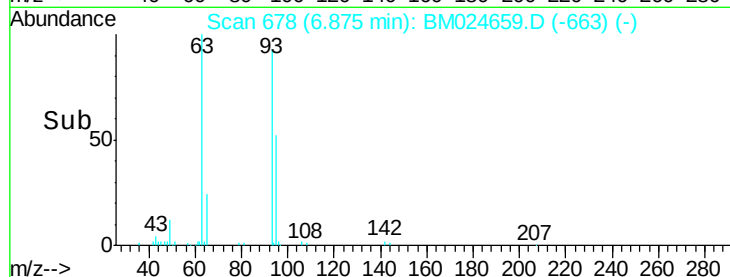
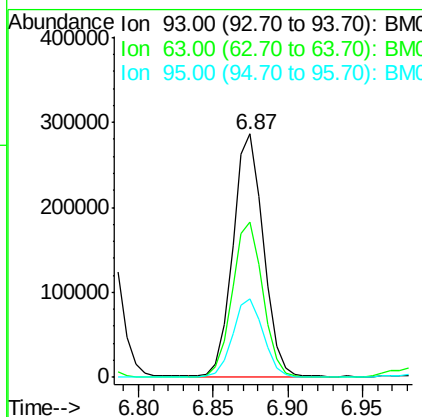
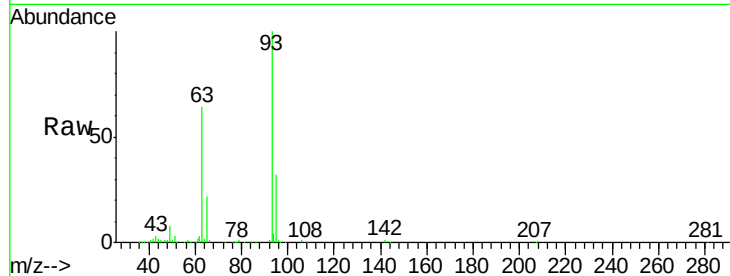
#11  
bis(2-Chloroethyl)ether  
Concen: 38.772 ng  
RT: 6.87 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 63.5  | 49.6  | 89.6  |
| 95      | 32.0  | 12.6  | 52.6  |

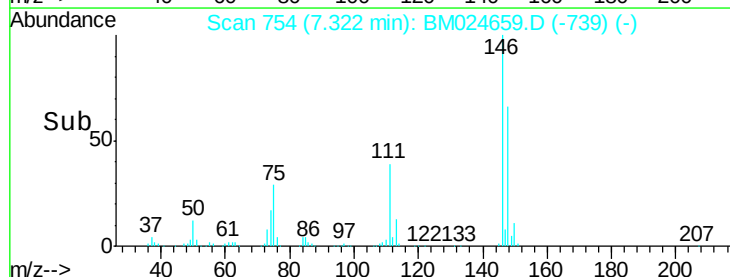
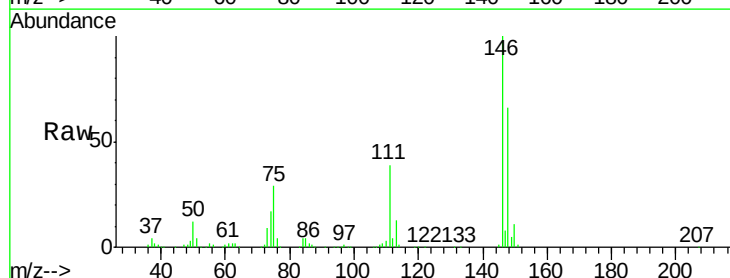
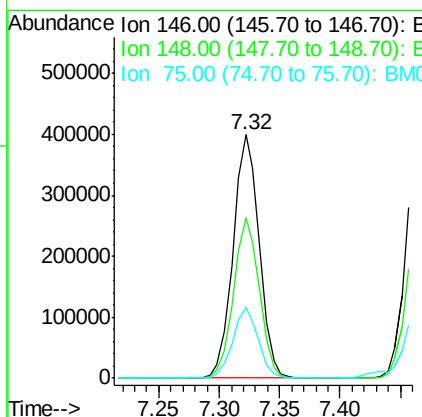
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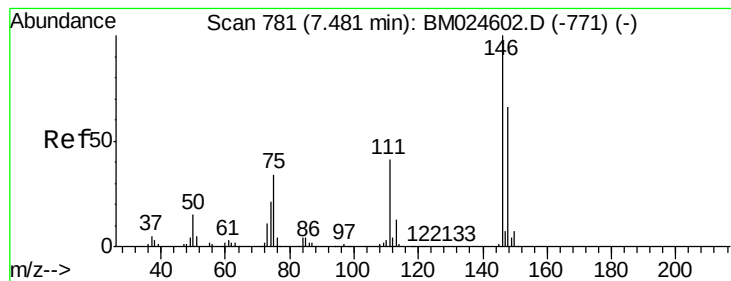
mohammad  
2/3/2020 7:55:27 AM



#12  
1,3-Dichlorobenzene  
Concen: 45.142 ng  
RT: 7.32 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 51.0  | 76.6  |
| 75      | 29.0  | 27.0  | 40.4  |





#13

1,4-Dichlorobenzene

Concen: 44.802 ng

RT: 7.46 min Scan# 778

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

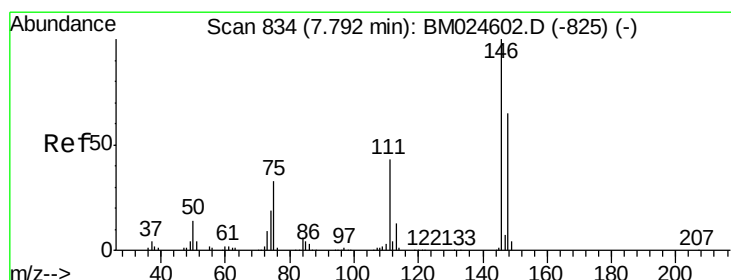
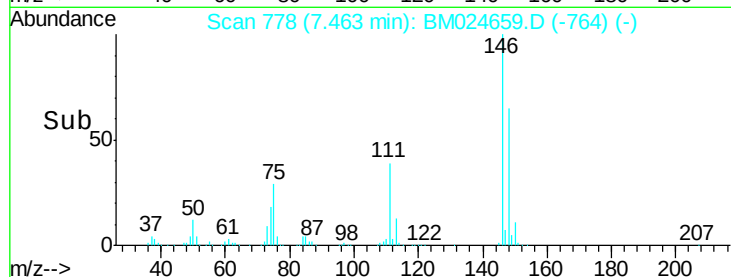
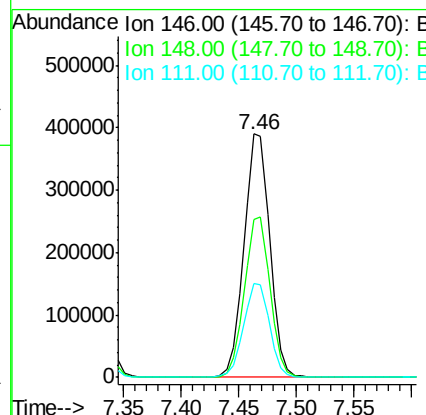
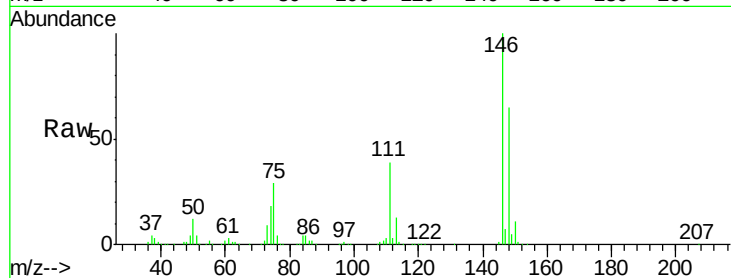
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 603969 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 52.5  | 78.7   |
| 111       | 38.6  | 33.0  | 49.4   |

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#14

1,2-Dichlorobenzene

Concen: 44.834 ng

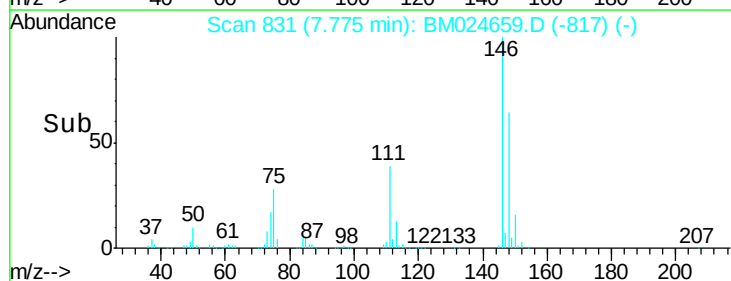
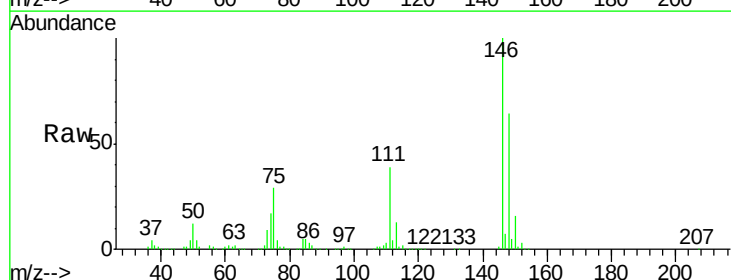
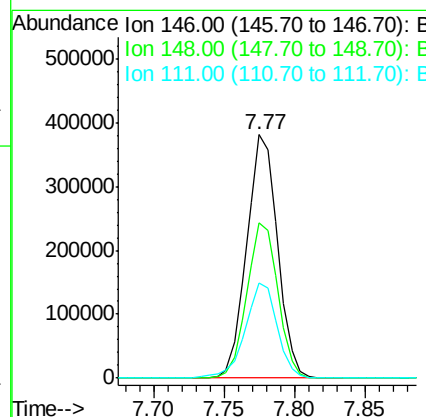
RT: 7.77 min Scan# 831

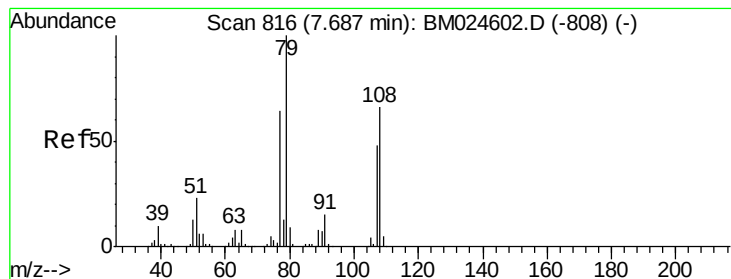
Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 583416 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.8  | 51.9  | 77.9   |
| 111       | 39.0  | 34.5  | 51.7   |





#15

Benzyl Alcohol

Concen: 37.462 ng

RT: 7.67 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

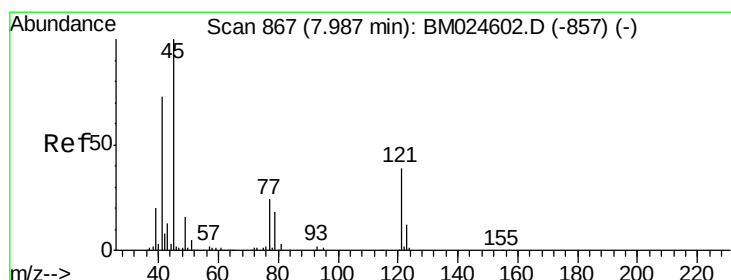
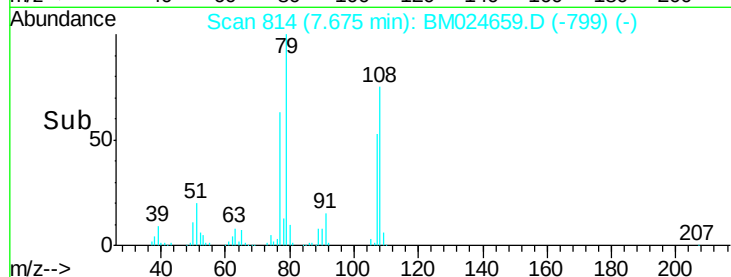
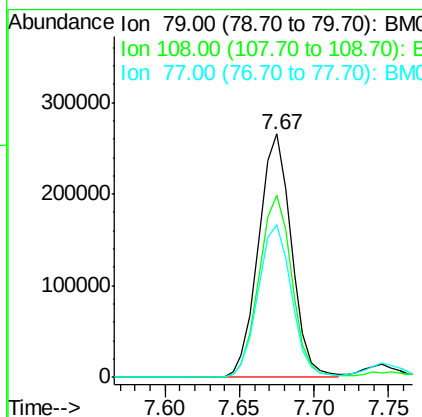
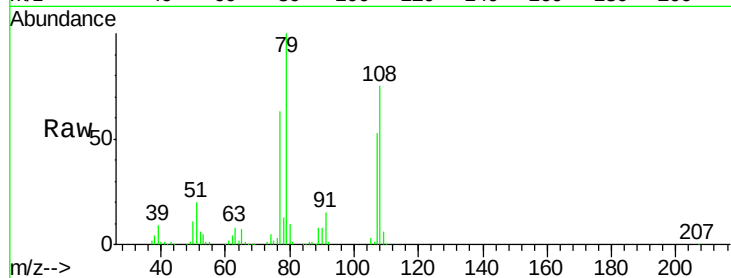
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 404297 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 74.7  | 53.0  | 79.4   |
| 77       | 62.8  | 50.8  | 76.2   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.901 ng

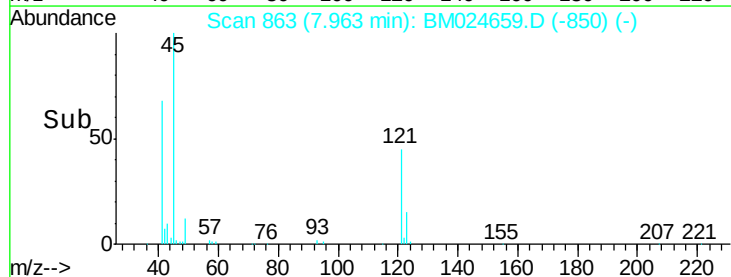
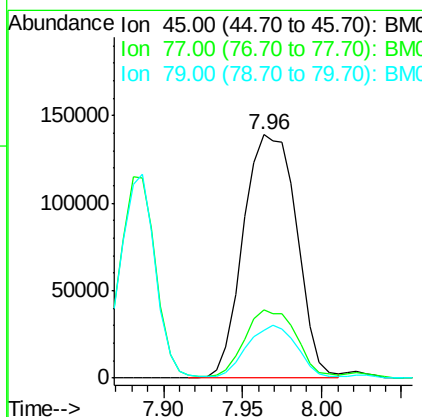
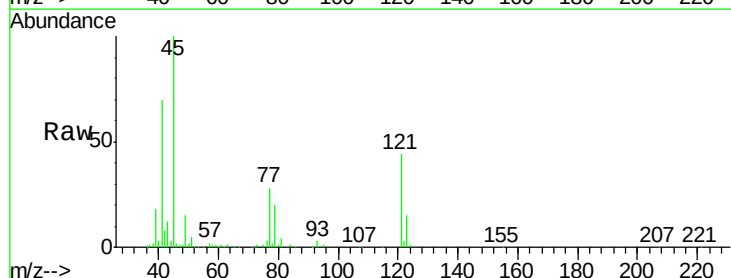
RT: 7.96 min Scan# 863

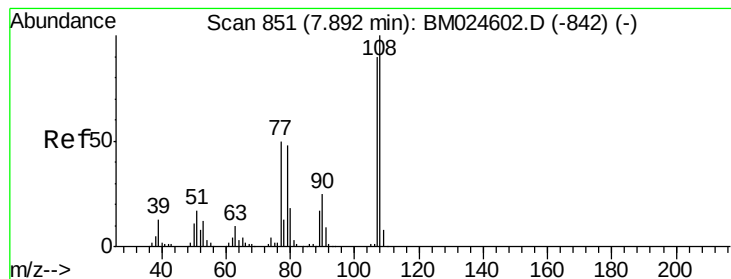
Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 324174 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 27.8  | 5.2   | 45.2   |
| 79       | 19.7  | 0.0   | 39.4   |





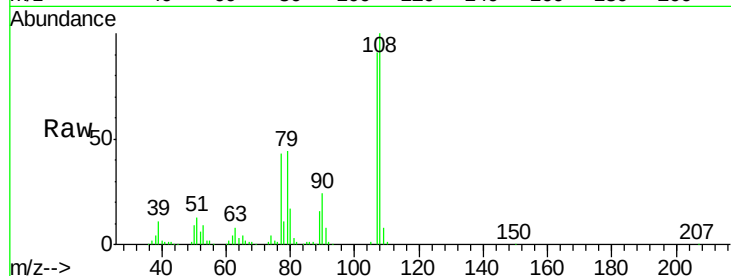
#17  
2-Methylphenol  
Concen: 40.485 ng  
RT: 7.89 min Scan# 850  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.9 | 88.9 | 133.3 |       |
| 77      | 47.1  | 44.5 | 66.7  |       |
| 79      | 48.1  | 42.9 | 64.3  |       |

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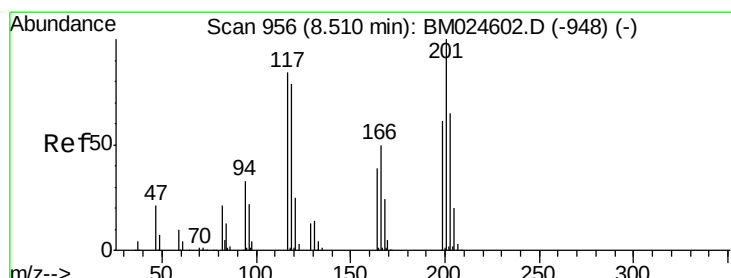
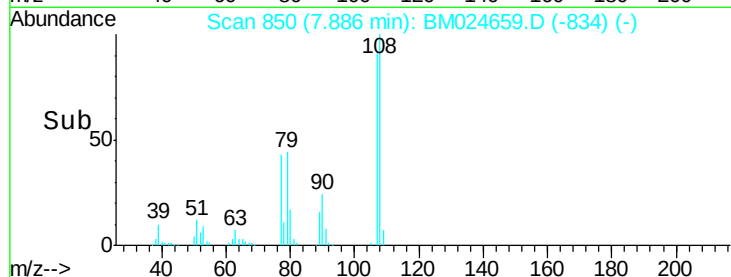
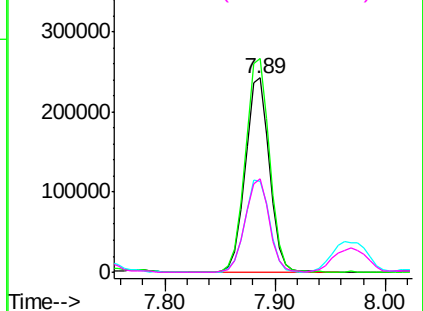
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

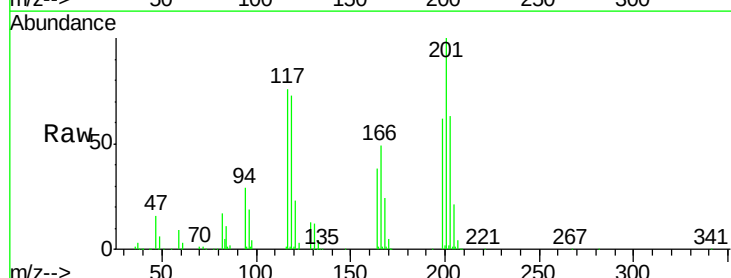
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18  
Hexachloroethane  
Concen: 40.245 ng  
RT: 8.49 min Scan# 953  
Delta R.T. -0.02 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.4  | 75.4 | 113.2 |       |
| 201     | 131.5 | 95.8 | 143.6 |       |

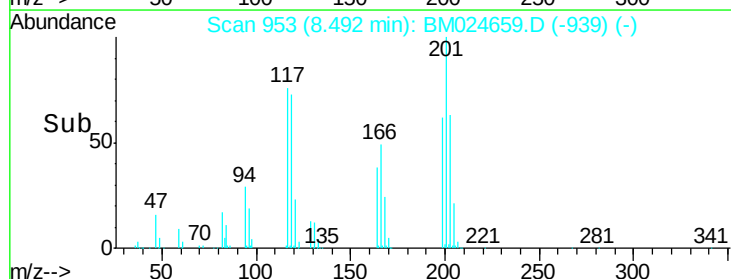
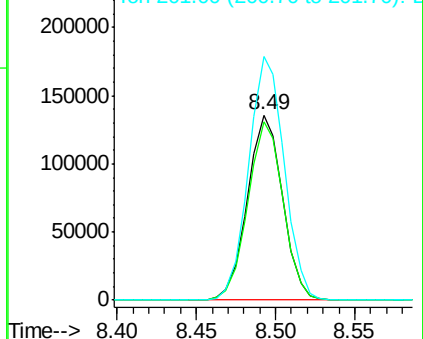


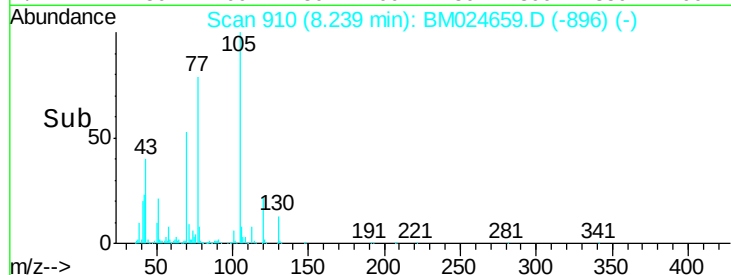
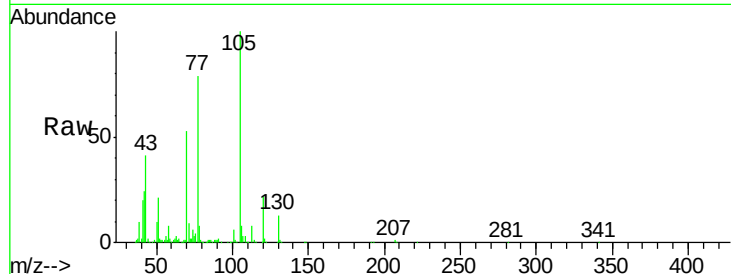
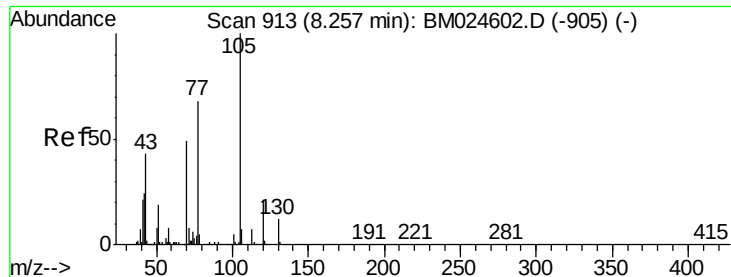
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





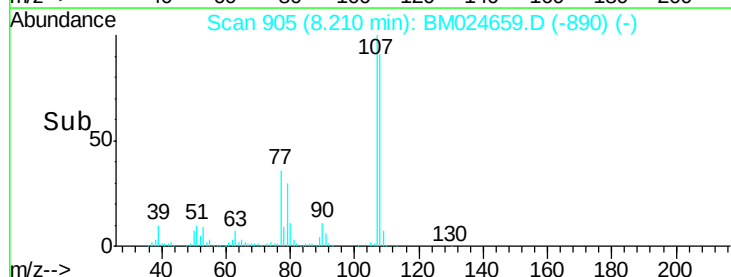
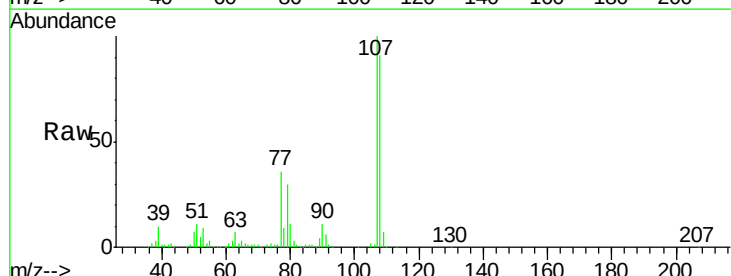
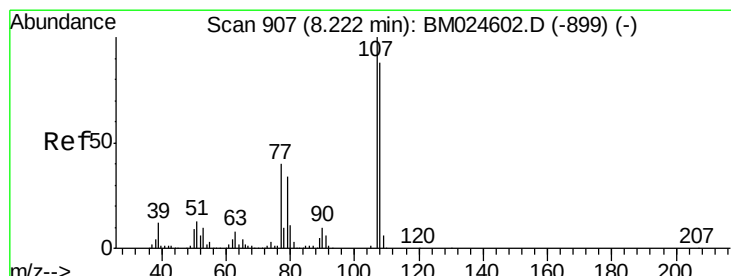
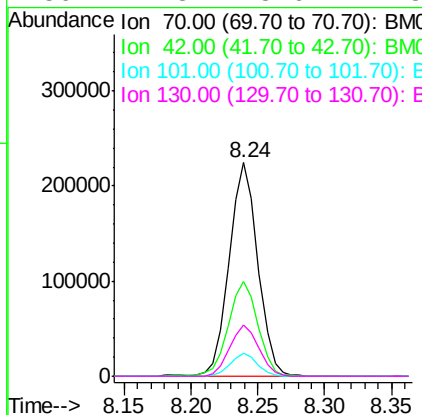
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.184 ng  
RT: 8.24 min Scan# 910  
Delta R.T. -0.02 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 44.4  | 40.0  | 60.0  |
| 101     | 10.7  | 8.2   | 12.2  |
| 130     | 24.3  | 18.6  | 27.8  |

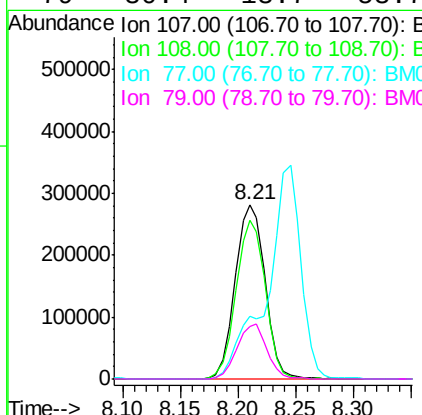
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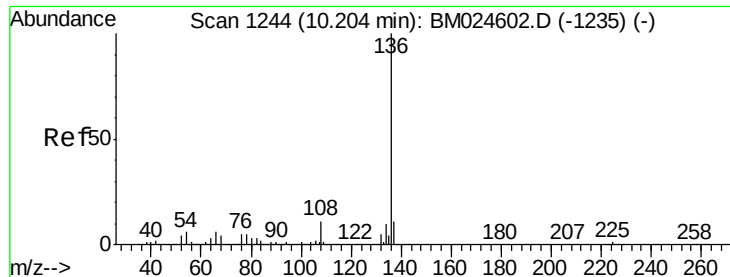
mohammad  
2/3/2020 7:55:27 AM



#20  
3+4-Methylphenols  
Concen: 39.689 ng  
RT: 8.21 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.6  | 68.0  | 108.0 |
| 77      | 36.0  | 19.9  | 59.9  |
| 79      | 30.4  | 13.7  | 53.7  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 671572

Ion Ratio Lower Upper

136 100

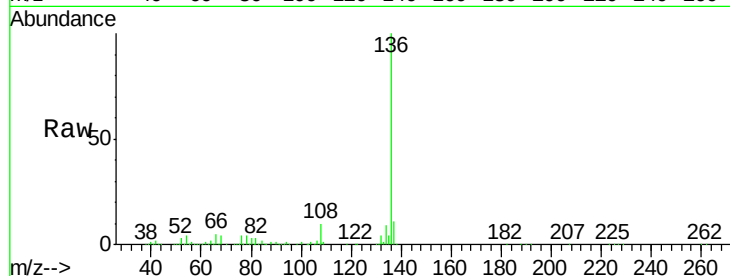
137 10.8 8.6 13.0

54 4.0 4.5 6.7#

68 4.0 3.4 5.0

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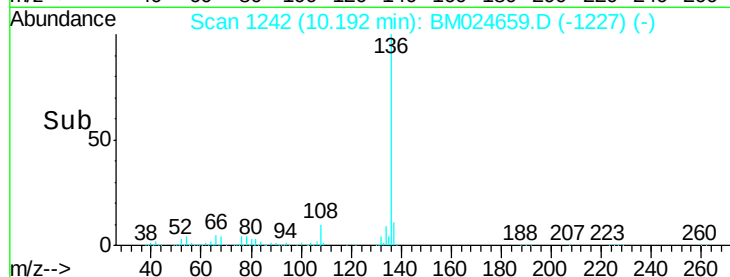
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

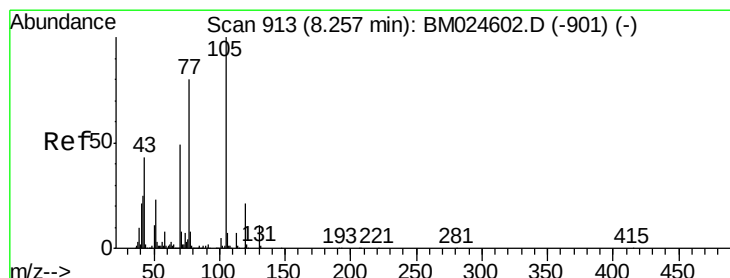
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM

Time-->



Time-->



#22

Acetophenone

Concen: 41.193 ng

RT: 8.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Tgt Ion:105 Resp: 713328

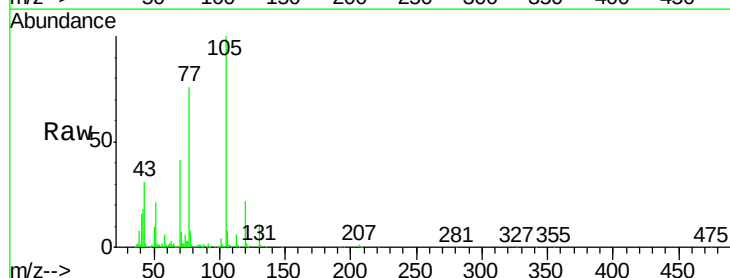
Ion Ratio Lower Upper

105 100

71 7.0 6.7 10.1

51 20.9 18.5 27.7

120 22.5 16.6 25.0



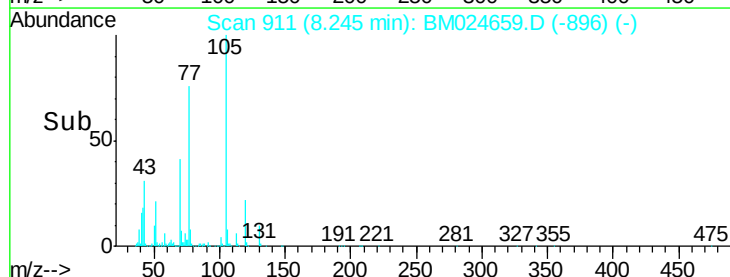
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

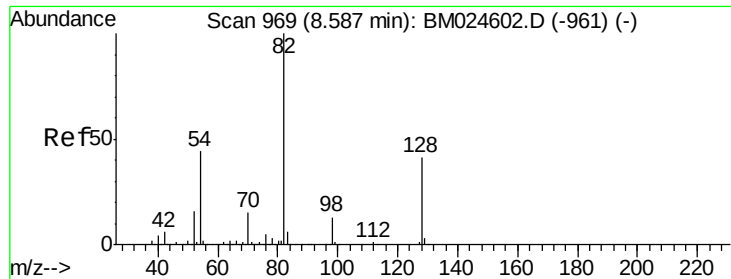
Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



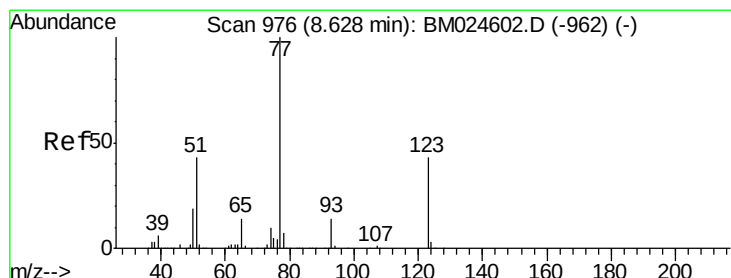
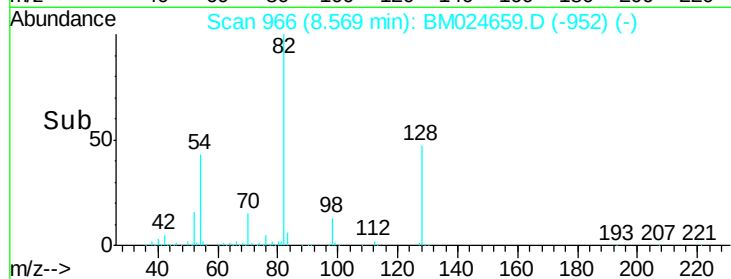
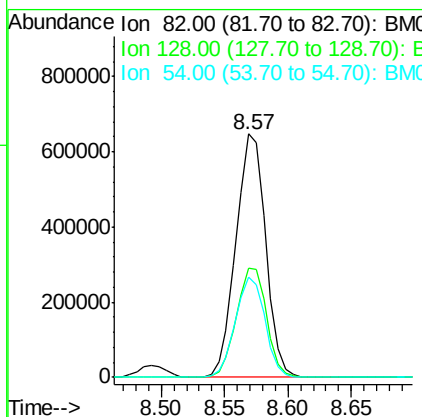
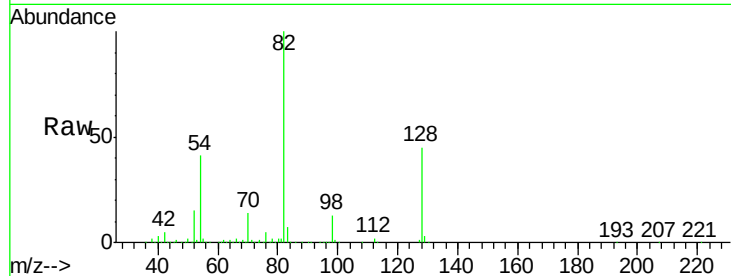
#23  
 Nitrobenzene-d5  
 Concen: 76.948 ng  
 RT: 8.57 min Scan# 966  
 Delta R.T. -0.02 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | 82    | Resp  | 1053729 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 82      | 100   |       |         |
| 128     | 44.9  | 32.6  | 48.8    |
| 54      | 41.0  | 34.8  | 52.2    |

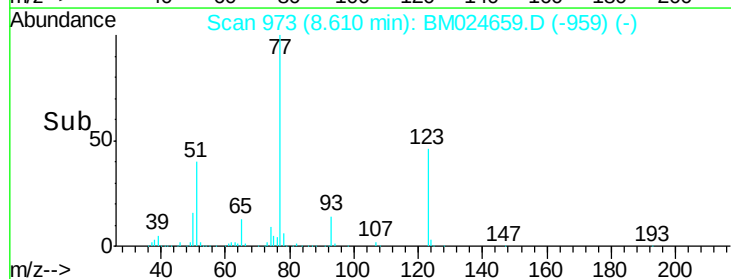
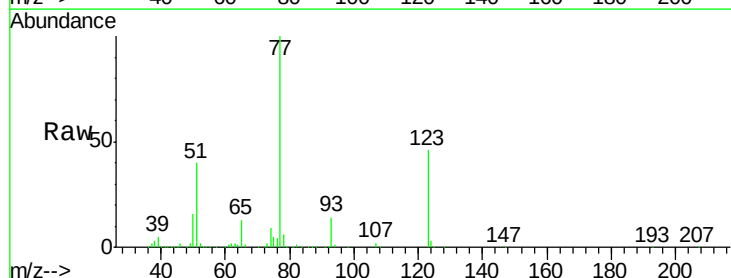
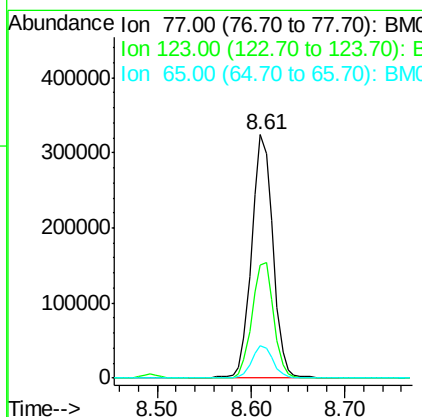
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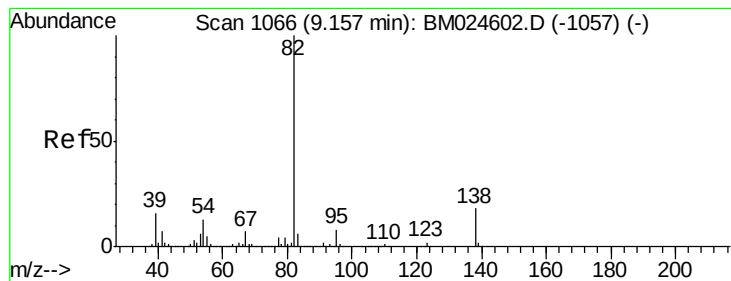


#24  
 Nitrobenzene  
 Concen: 38.619 ng  
 RT: 8.61 min Scan# 973  
 Delta R.T. -0.02 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

| Tgt Ion | 77    | Resp  | 506787 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 77      | 100   |       |        |
| 123     | 46.2  | 34.6  | 52.0   |
| 65      | 13.3  | 11.0  | 16.4   |







#25

Isophorone

Concen: 37.945 ng

RT: 9.14 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

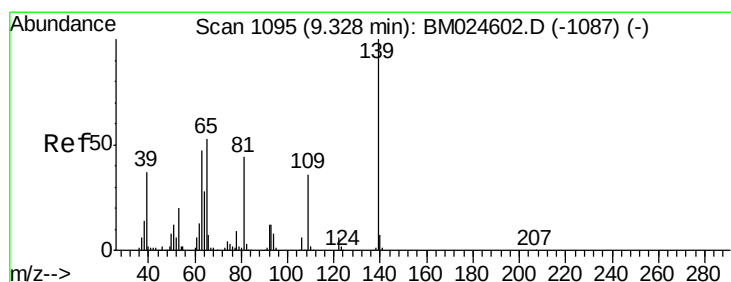
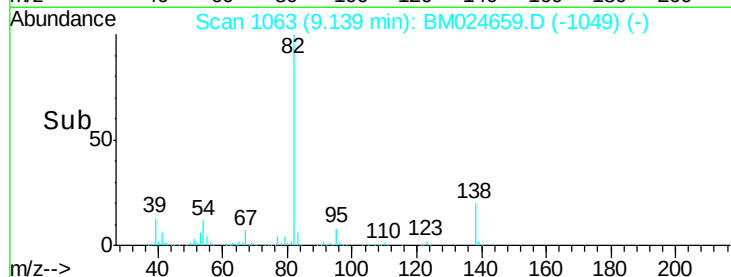
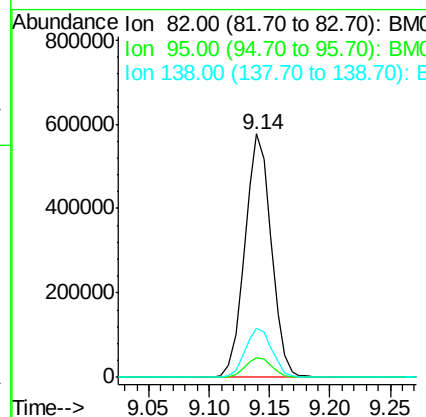
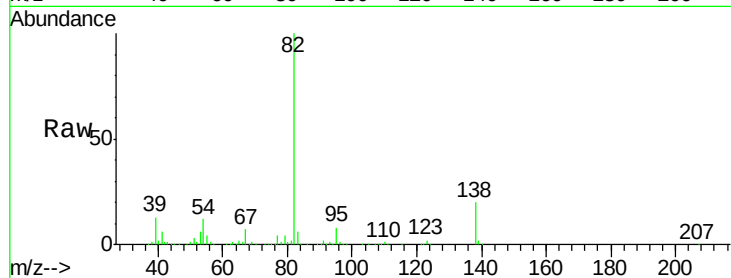
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 882905 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.2   | 6.7   | 10.1   |
| 138       | 20.4  | 14.7  | 22.1   |

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#26

2-Nitrophenol

Concen: 45.904 ng

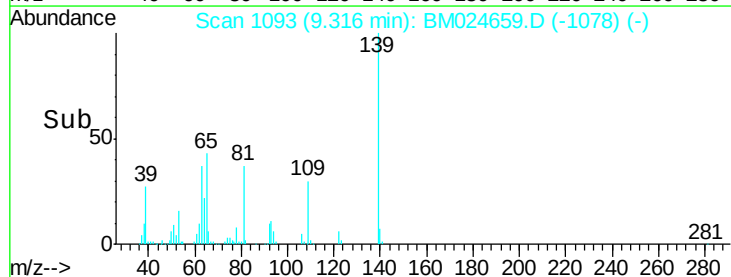
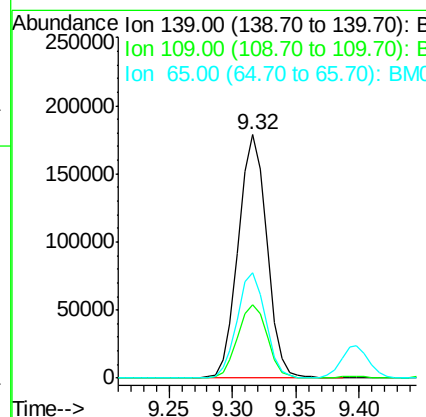
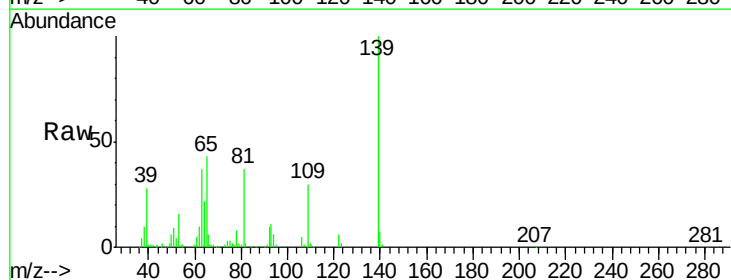
RT: 9.32 min Scan# 1093

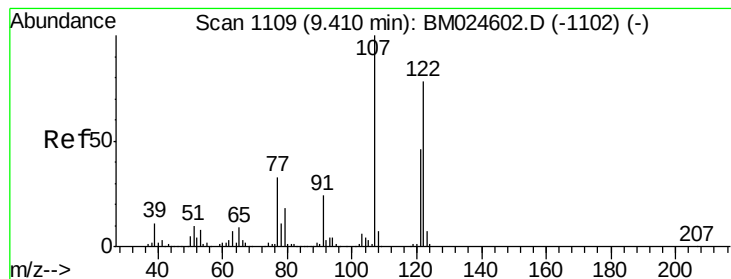
Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 278933 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 30.1  | 28.8  | 43.2   |
| 65        | 43.1  | 42.6  | 63.8   |





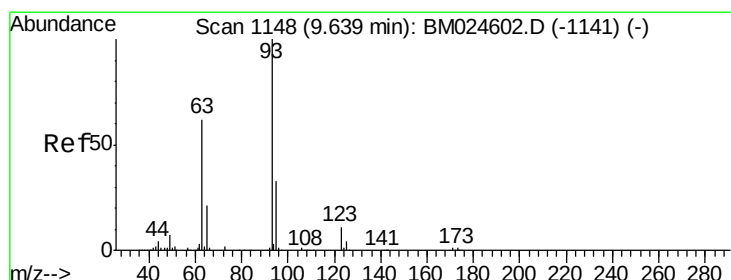
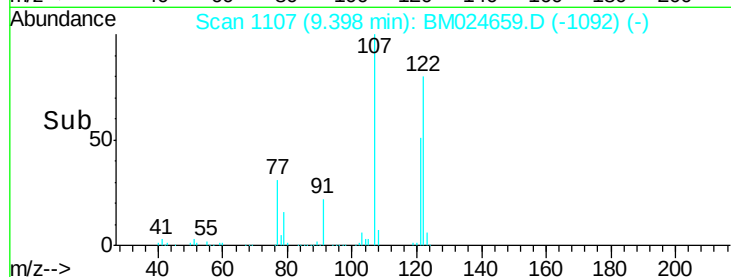
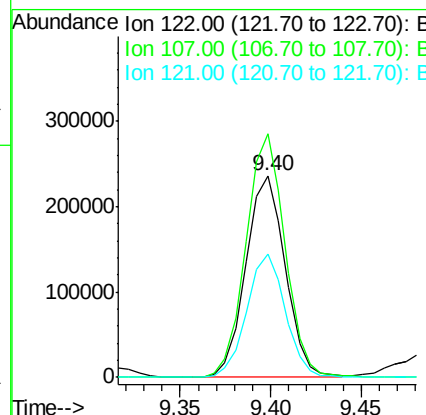
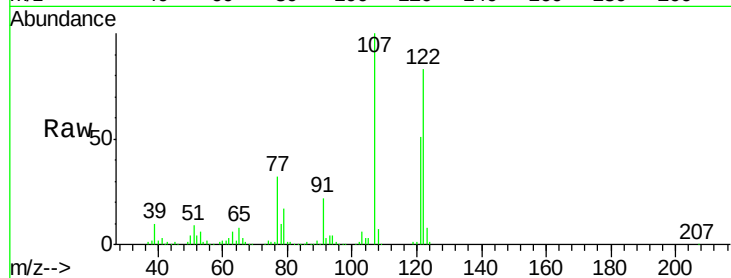
#27  
2,4-Dimethylphenol  
Concen: 43.248 ng  
RT: 9.40 min Scan# 1107  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |       |
| 107     | 120.8 | 102.5 | 153.7 |       |       |
| 121     | 61.1  | 47.0  | 70.4  |       |       |

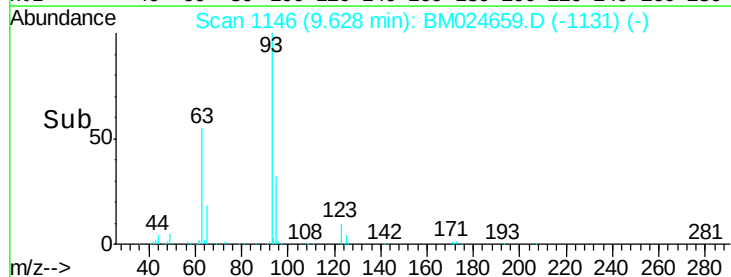
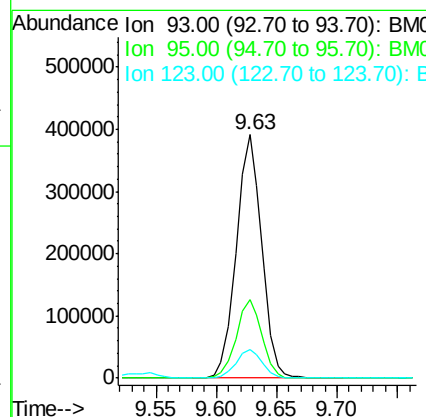
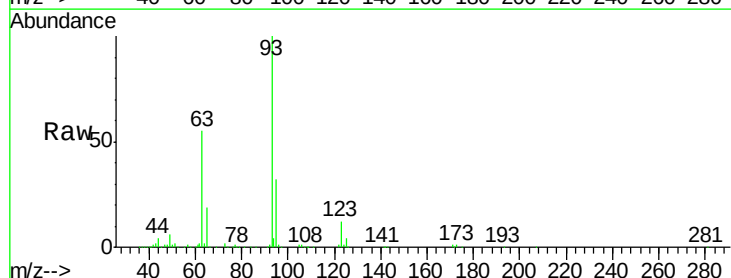
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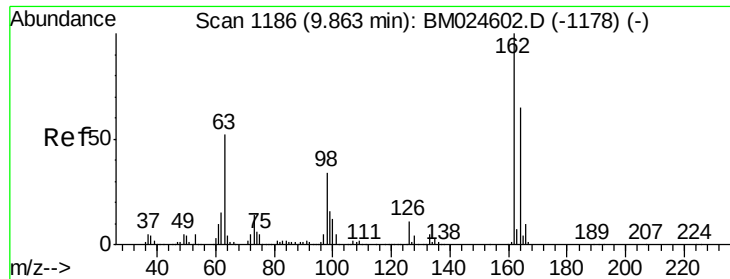
mohammad  
2/3/2020 7:55:27 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.270 ng  
RT: 9.63 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 93      | 100  |       |      |       |       |
| 95      | 32.1 | 26.1  | 39.1 |       |       |
| 123     | 11.9 | 8.7   | 13.1 |       |       |





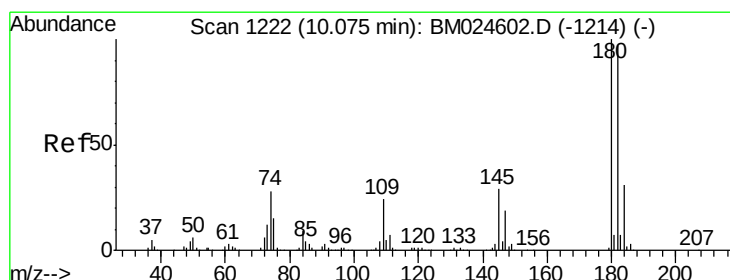
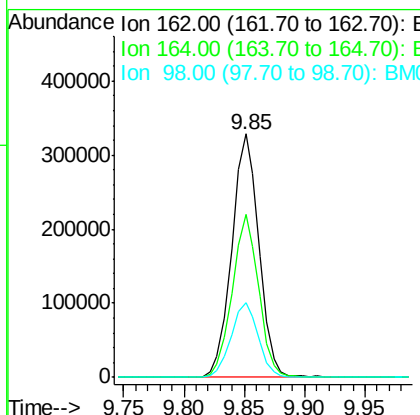
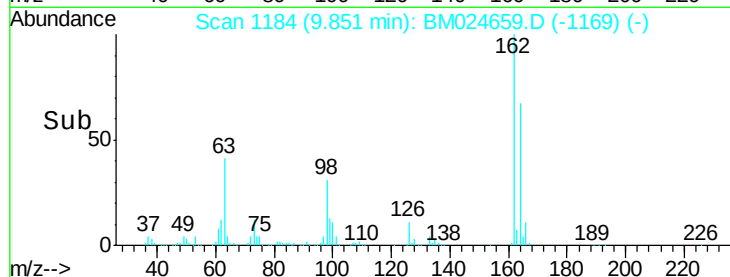
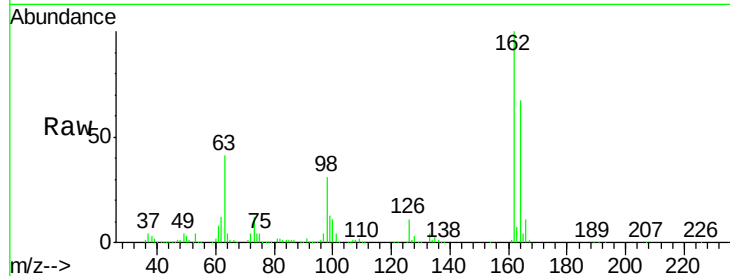
#29  
2,4-Dichlorophenol  
Concen: 46.024 ng  
RT: 9.85 min Scan# 1184  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 67.0  | 44.5       | 84.5  |
| 98      | 30.6  | 14.2       | 54.2  |

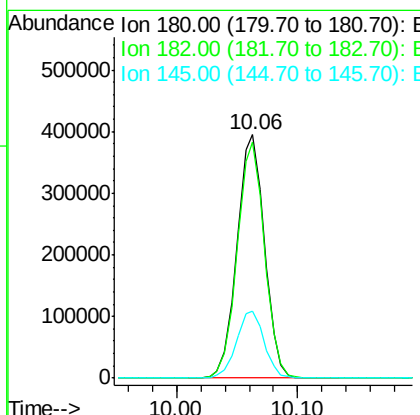
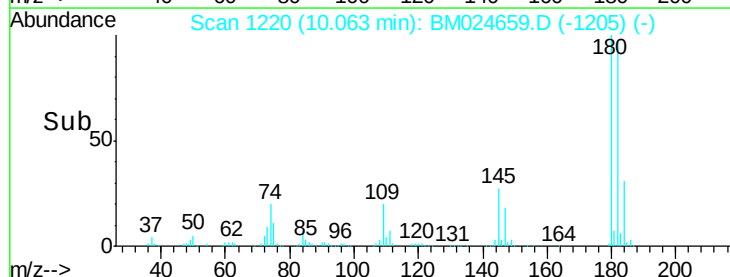
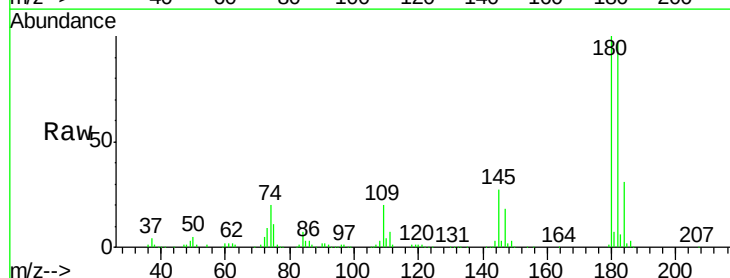
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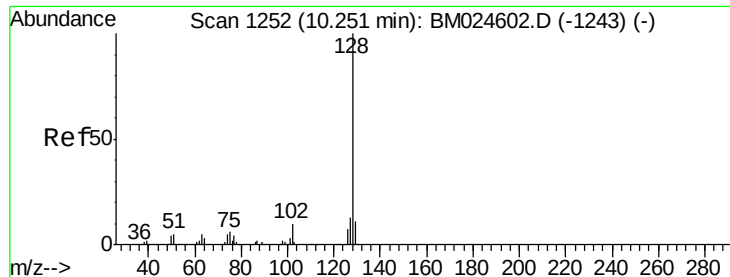
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 46.548 ng  
RT: 10.06 min Scan# 1220  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 96.7  | 77.8       | 116.6 |
| 145     | 27.4  | 22.9       | 34.3  |





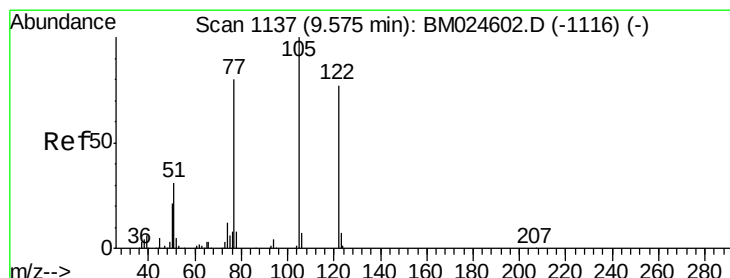
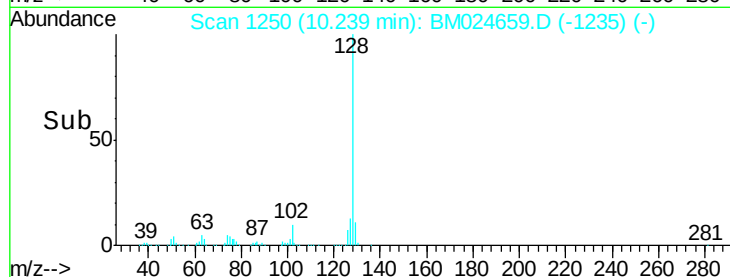
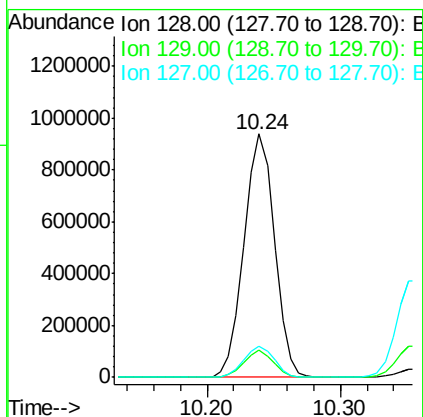
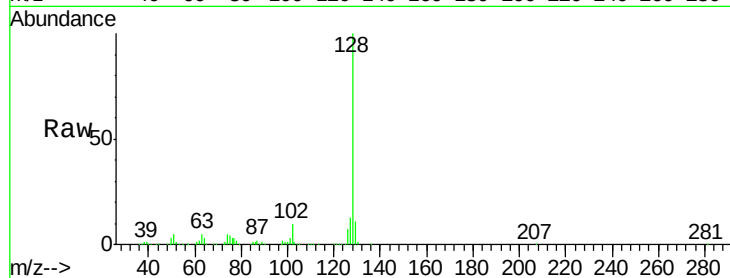
#31  
Naphthalene  
Concen: 43.683 ng  
RT: 10.24 min Scan# 1250  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.8   | 13.2  |
| 127     | 12.7  | 10.6  | 15.8  |

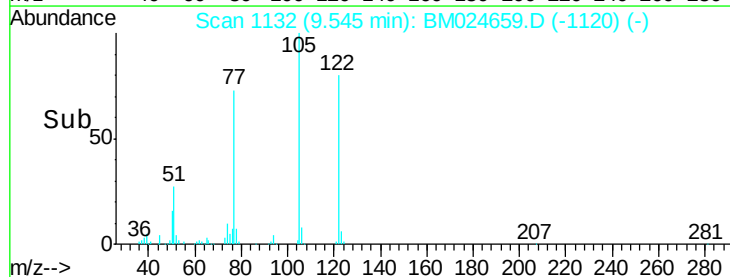
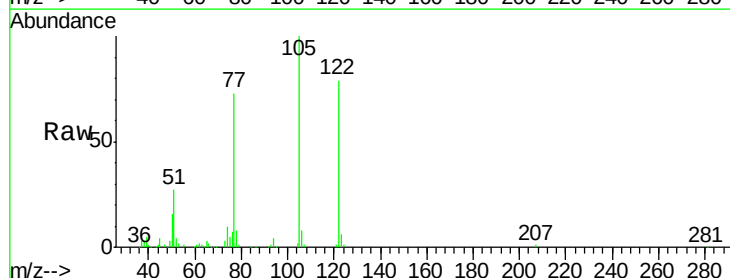
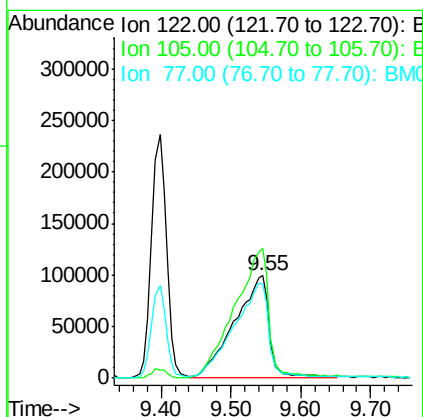
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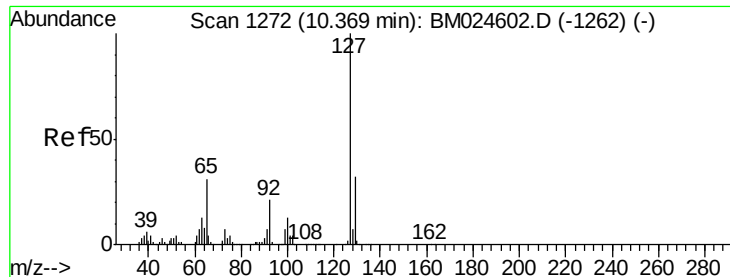
mohammad  
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#32  
Benzoic acid  
Concen: 44.306 ng m  
RT: 9.55 min Scan# 1132  
Delta R.T. -0.03 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 126.1 | 107.7 | 147.7 |
| 77      | 92.0  | 83.8  | 123.8 |





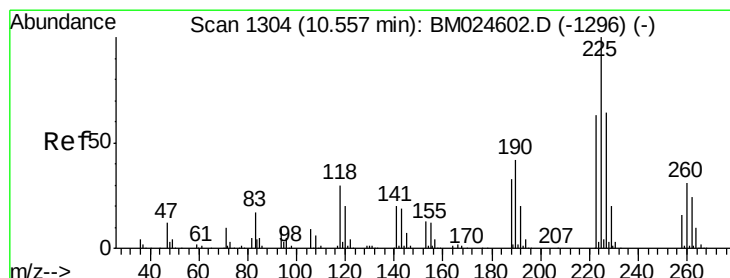
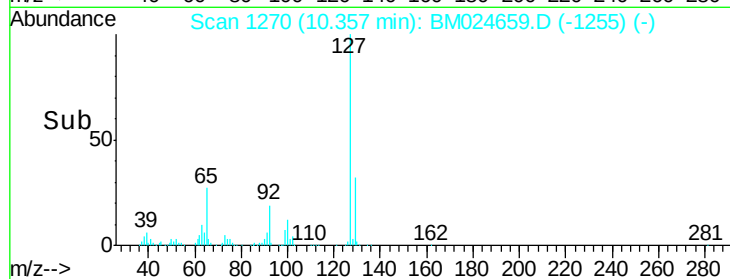
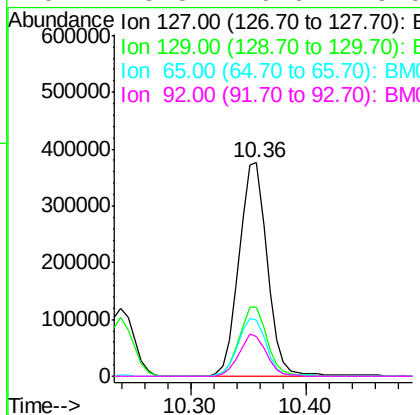
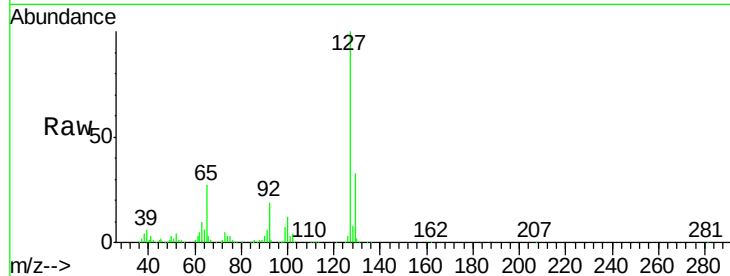
#33  
4-Chloroaniline  
Concen: 43.005 ng  
RT: 10.36 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 639390 |       |       |
| 129     | 32.5 | 25.9  | 38.9   |       |       |
| 65      | 26.6 | 25.1  | 37.7   |       |       |
| 92      | 18.8 | 16.6  | 25.0   |       |       |

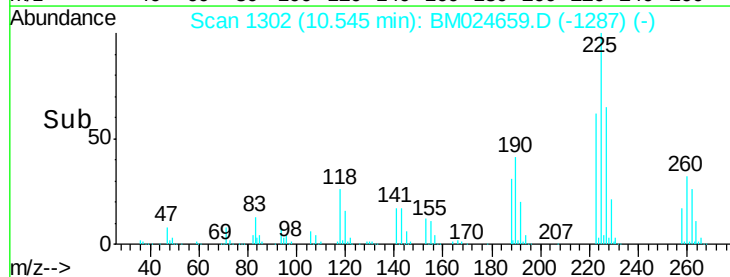
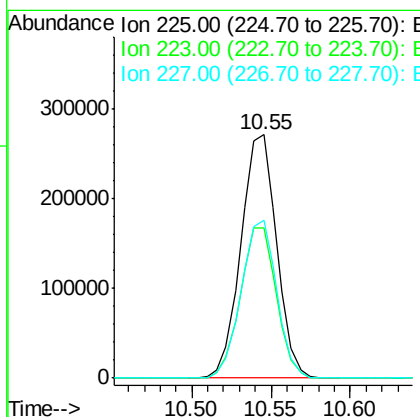
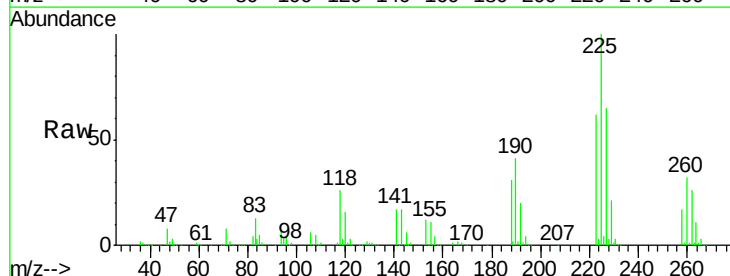
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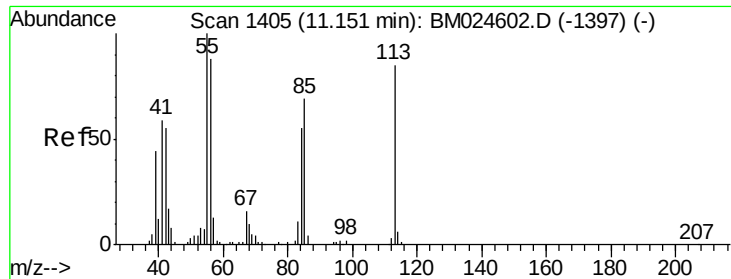
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 45.624 ng  
RT: 10.55 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 424349 |       |       |
| 223     | 61.8 | 50.7  | 76.1   |       |       |
| 227     | 64.7 | 51.4  | 77.0   |       |       |





#35

Caprolactam

Concen: 42.339 ng

RT: 11.13 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

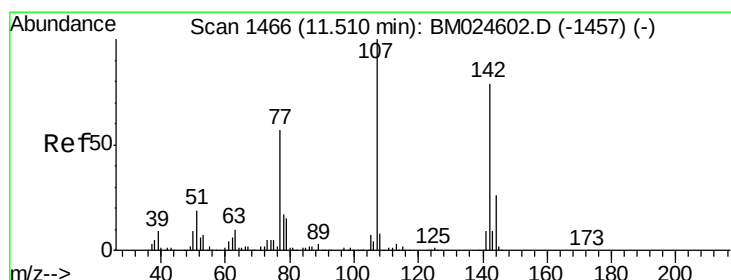
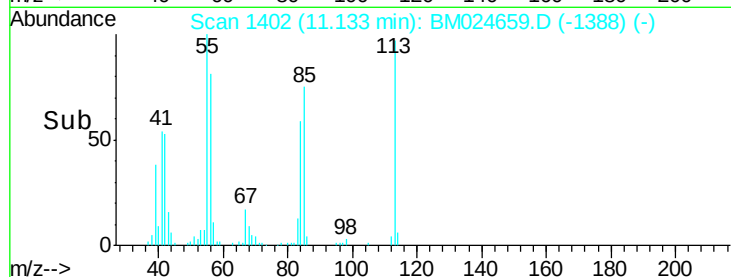
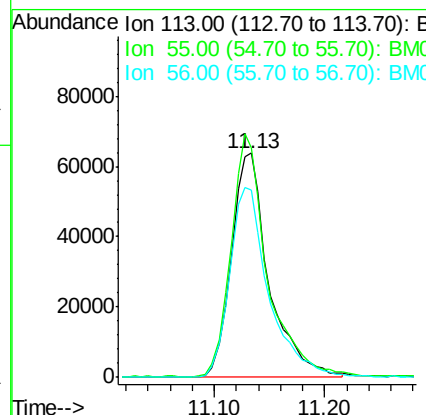
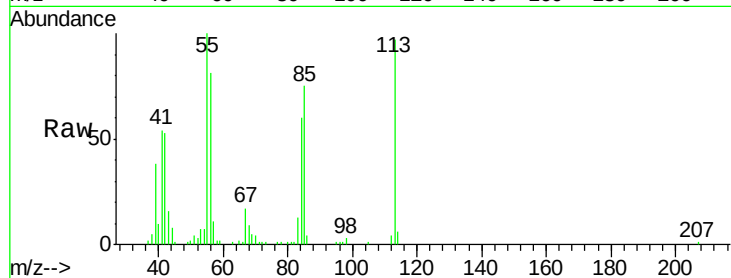
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 151539 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 102.6 | 97.5  | 137.5  |
| 56        | 83.5  | 83.4  | 123.4  |

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#36

4-Chloro-3-methylphenol

Concen: 39.709 ng

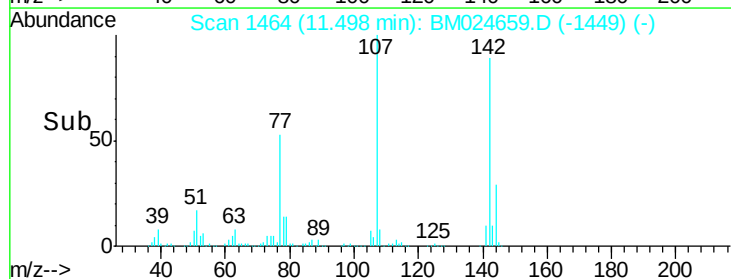
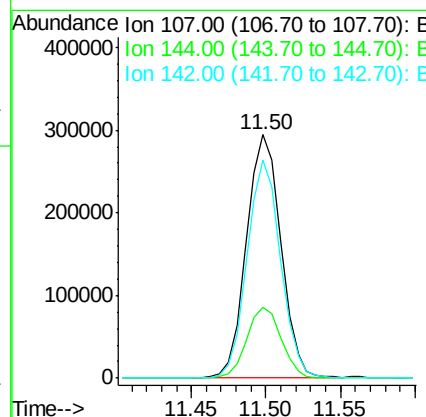
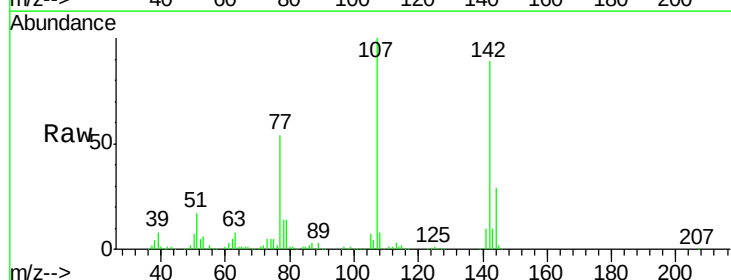
RT: 11.50 min Scan# 1464

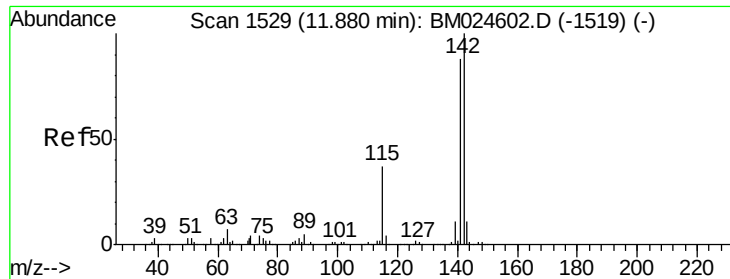
Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 471053 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 29.1  | 20.5  | 30.7   |
| 142       | 89.4  | 62.8  | 94.2   |





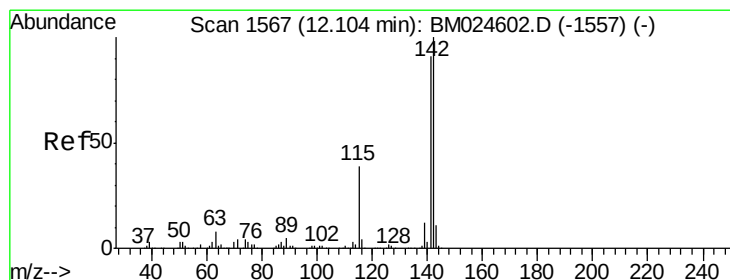
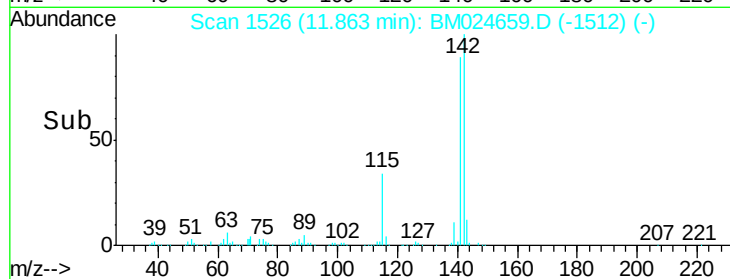
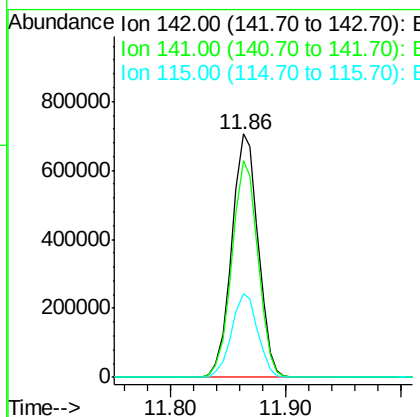
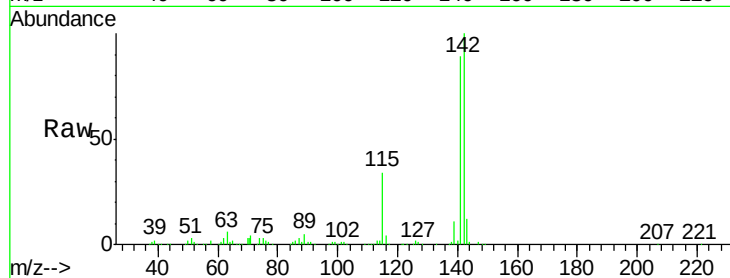
#37  
2-Methylnaphthalene  
Concen: 42.637 ng  
RT: 11.86 min Scan# 1526  
Delta R.T. -0.02 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 1116076  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.2 105.2  
115 34.4 29.7 44.5

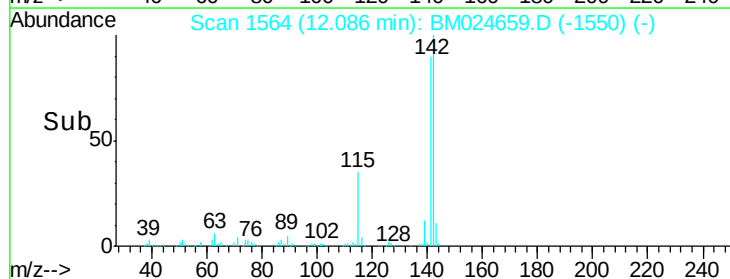
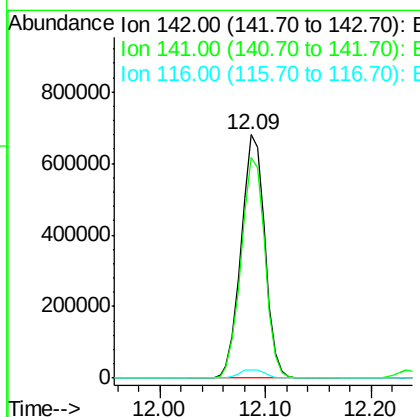
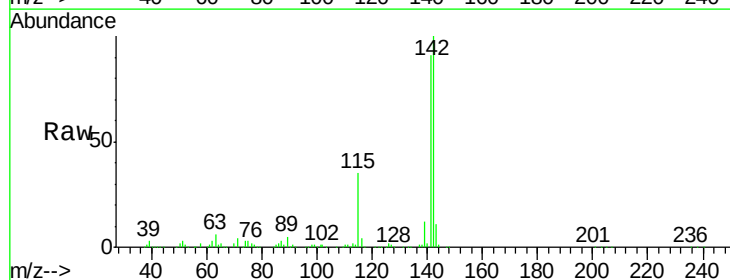
Manual Integrations  
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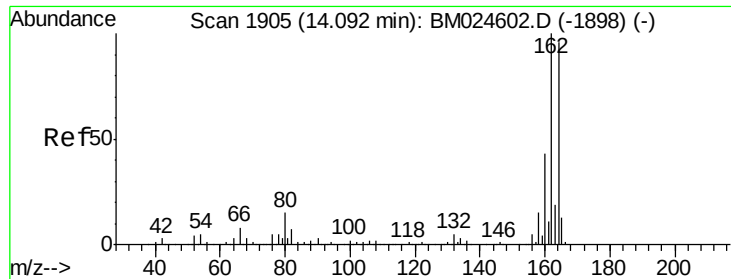
mohammad  
2/3/2020 7:55:27 AM



#38  
1-Methylnaphthalene  
Concen: 42.406 ng  
RT: 12.09 min Scan# 1564  
Delta R.T. -0.02 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Tgt Ion:142 Resp: 1055890  
Ion Ratio Lower Upper  
142 100  
141 90.6 72.8 109.2  
116 3.6 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

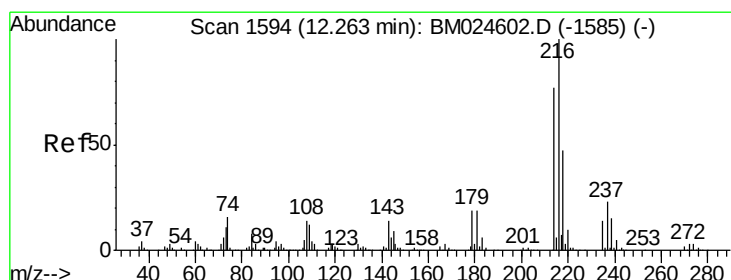
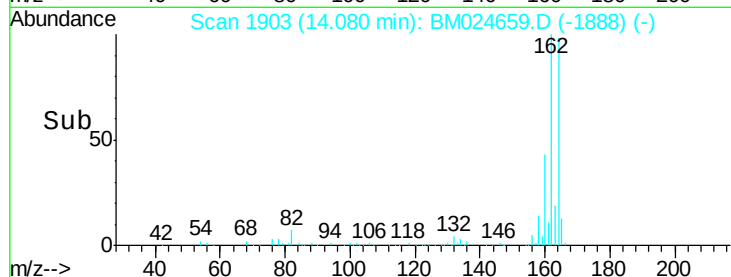
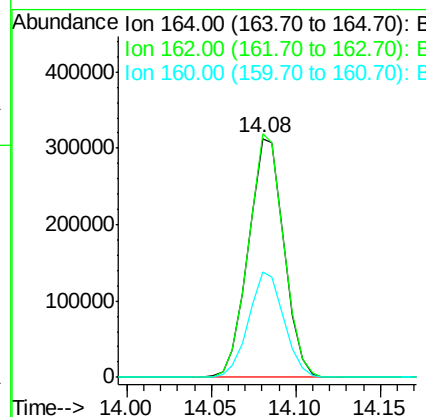
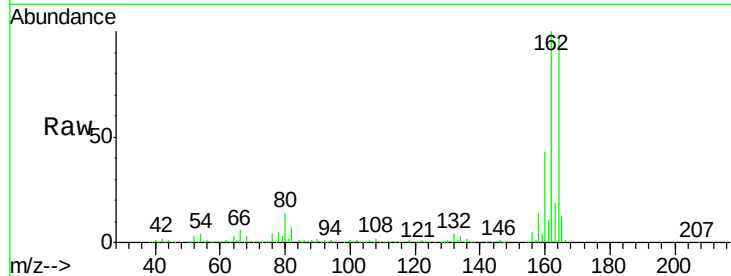
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 457636 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.8 | 82.9  | 124.3  |
| 160       | 43.9  | 35.5  | 53.3   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.236 ng

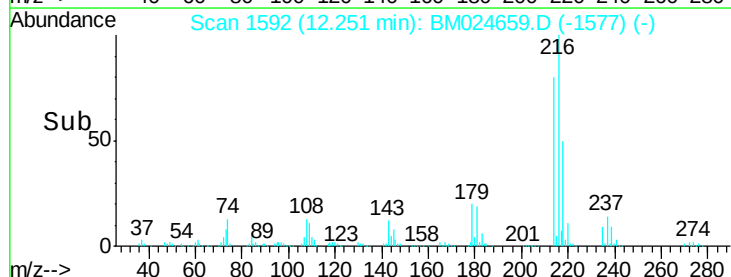
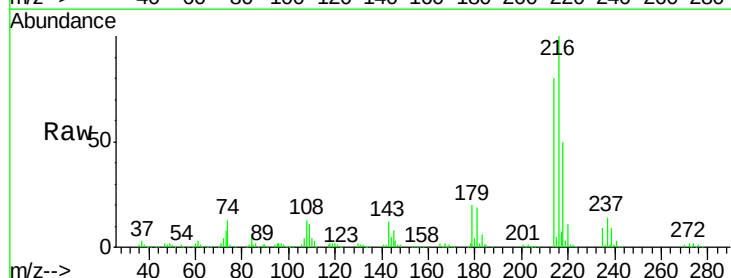
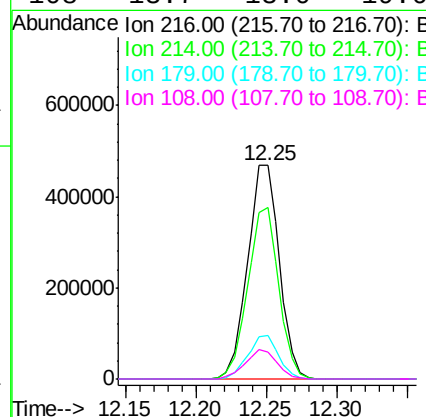
RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

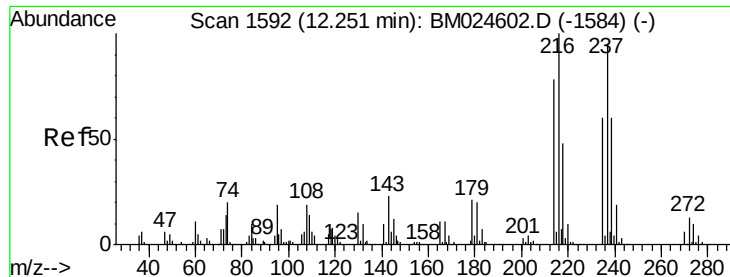
Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 738841 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.3  | 62.3  | 93.5   |
| 179       | 19.9  | 16.1  | 24.1   |
| 108       | 13.7  | 13.0  | 19.6   |







#41

Hexachlorocyclopentadiene

Concen: 36.530 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

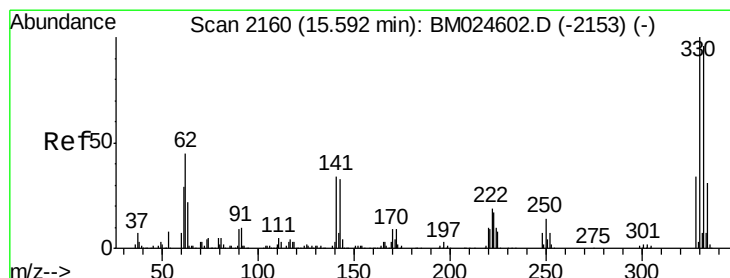
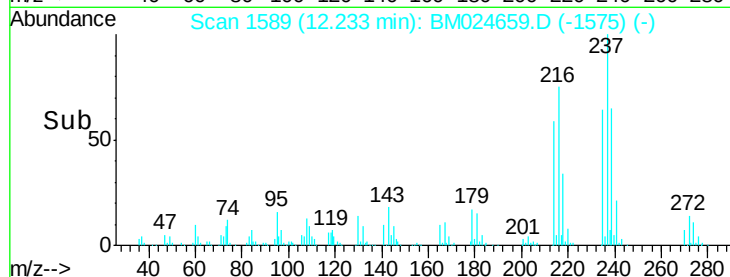
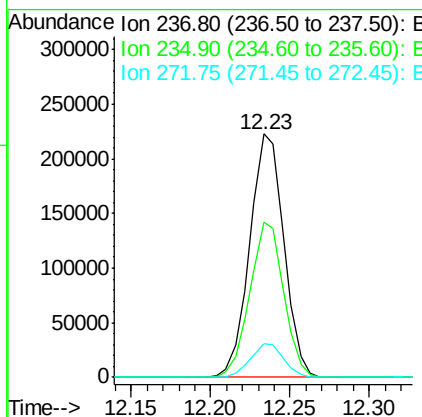
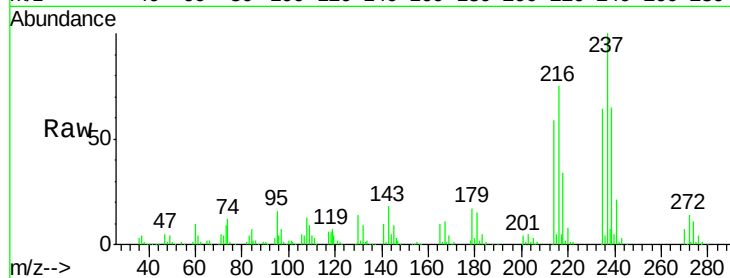
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 334434 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.8  | 43.3  | 83.3   |
| 272       | 13.6  | 0.0   | 33.4   |

Manual Integrations  
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2/3/2020 7:55:27 AM



#42

2,4,6-Tribromophenol

Concen: 92.349 ng

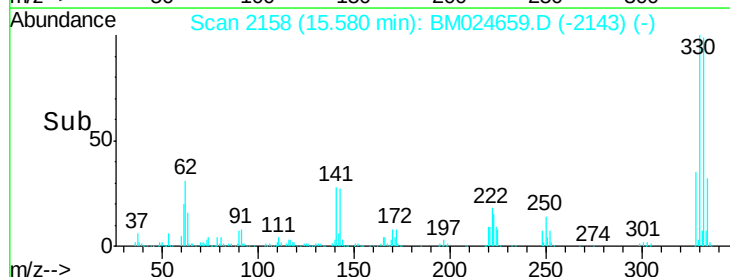
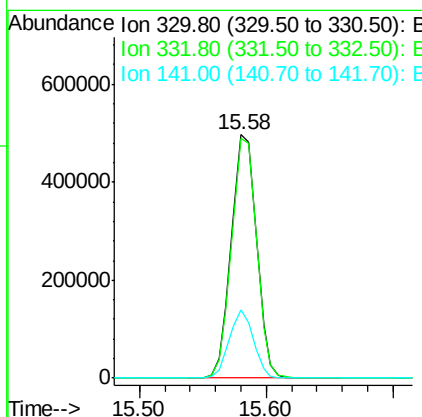
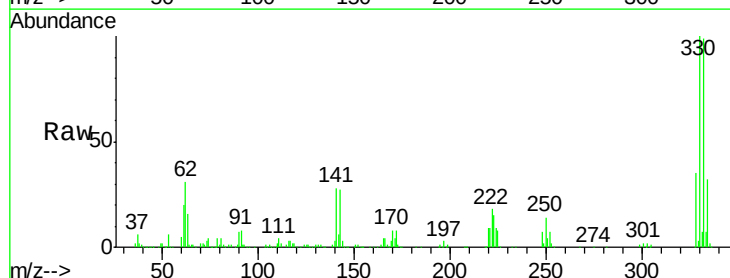
RT: 15.58 min Scan# 2158

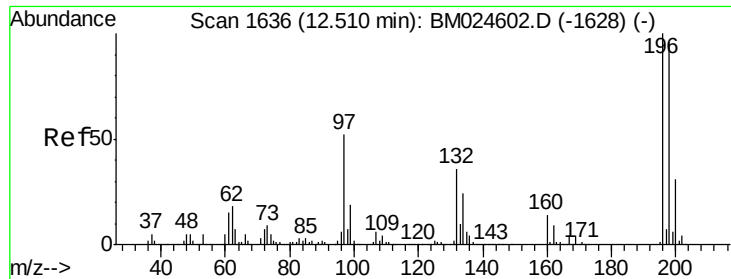
Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 687455 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.7  | 77.2  | 115.8  |
| 141       | 26.8  | 26.9  | 40.3#  |





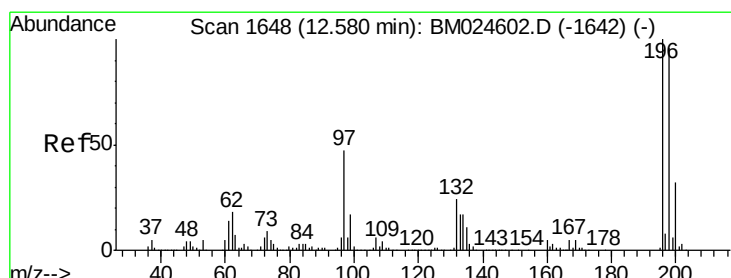
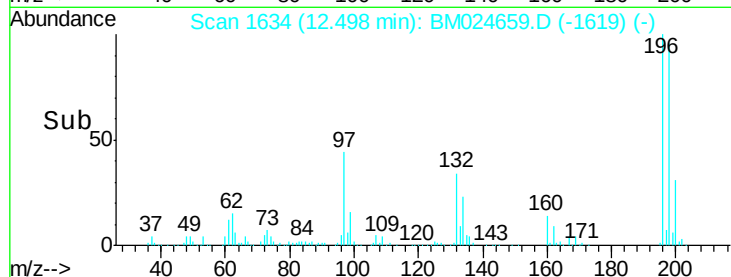
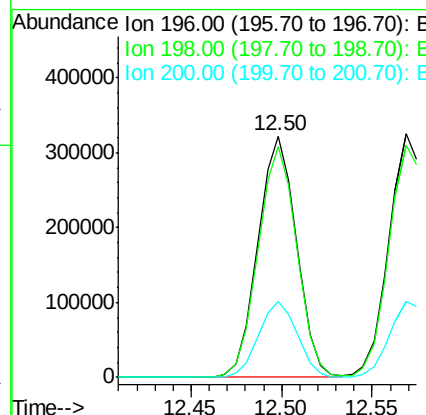
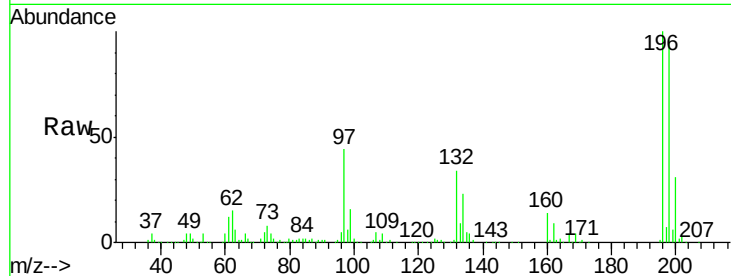
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.647 ng  
 RT: 12.50 min Scan# 1634  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.6  | 76.5  | 114.7 |
| 200     | 31.3  | 25.0  | 37.6  |

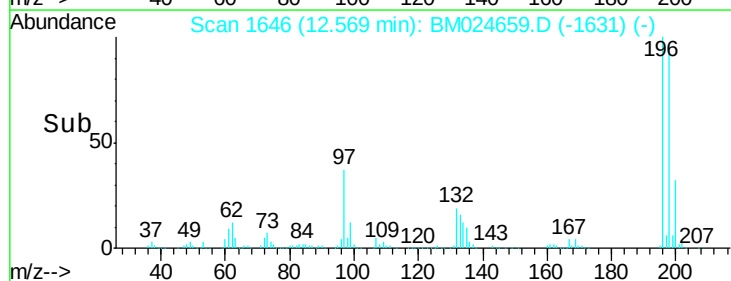
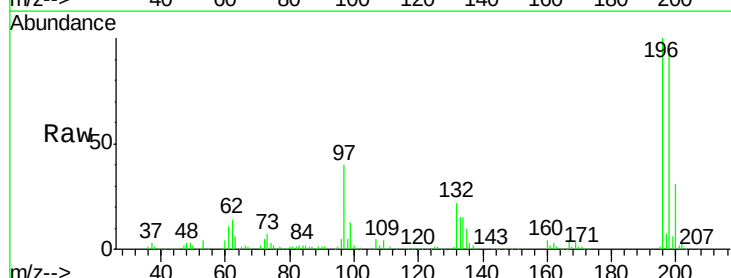
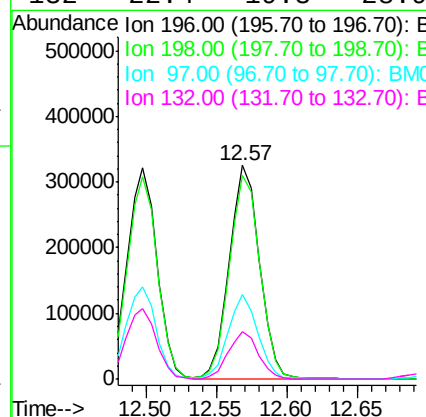
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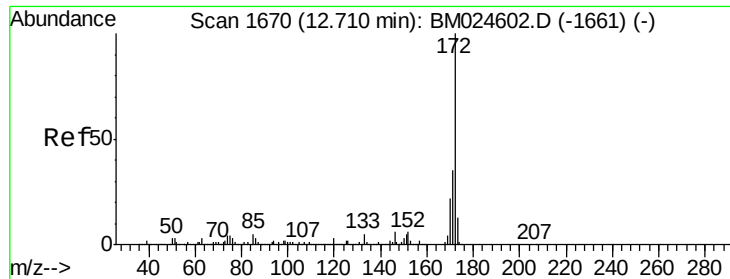
mohammad  
 2/3/2020 7:55:27 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.295 ng  
 RT: 12.57 min Scan# 1646  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.3  | 77.2  | 115.8 |
| 97      | 39.5  | 37.4  | 56.0  |
| 132     | 22.4  | 19.3  | 28.9  |





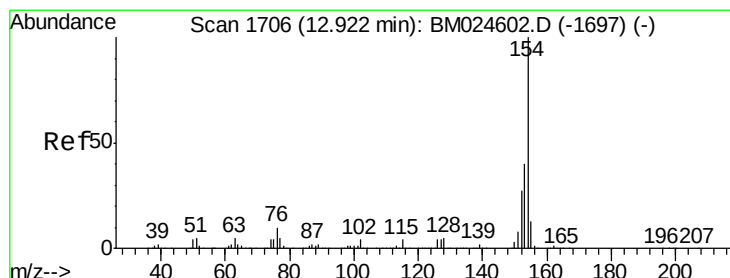
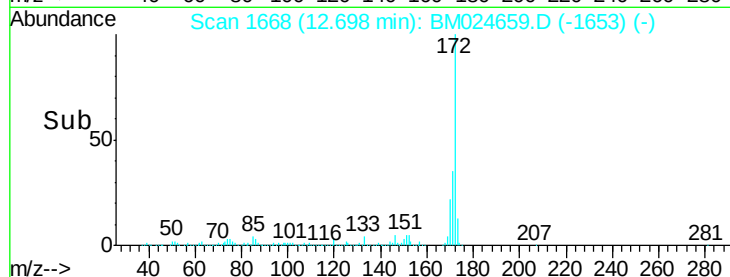
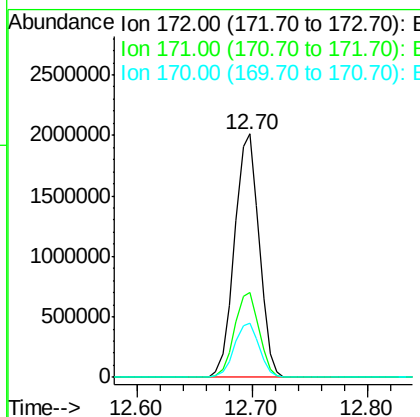
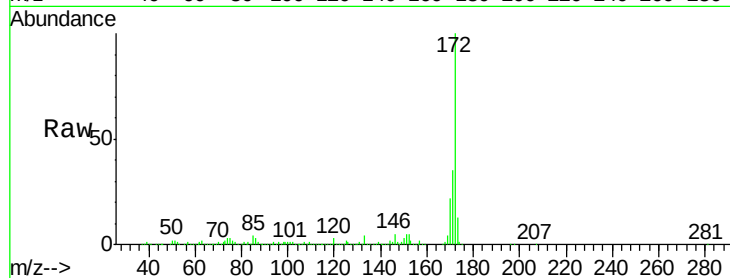
#45  
2-Fluorobiphenyl  
Concen: 87.824 ng  
RT: 12.70 min Scan# 1668  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:172 Resp: 2956333  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.3 42.5  
170 22.5 17.9 26.9

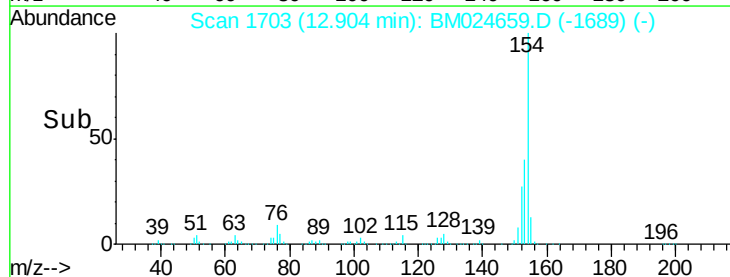
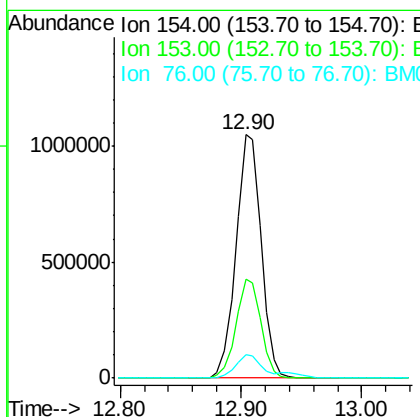
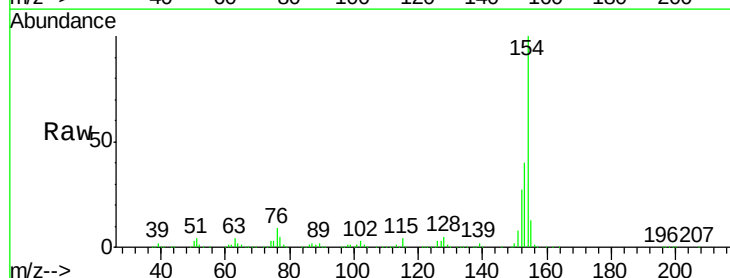
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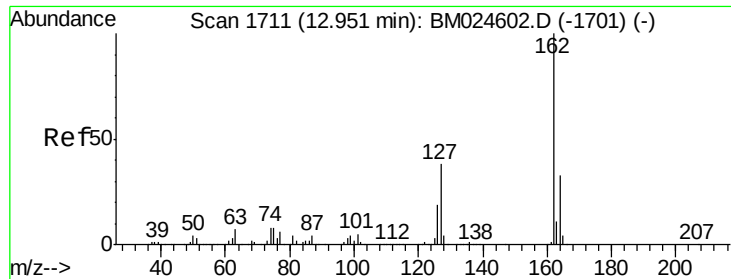
mohammad  
2/3/2020 7:55:27 AM



#46  
1,1'-Biphenyl  
Concen: 44.019 ng  
RT: 12.90 min Scan# 1703  
Delta R.T. -0.02 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Tgt Ion:154 Resp: 1524492  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.3 60.3  
76 9.5 0.0 30.5





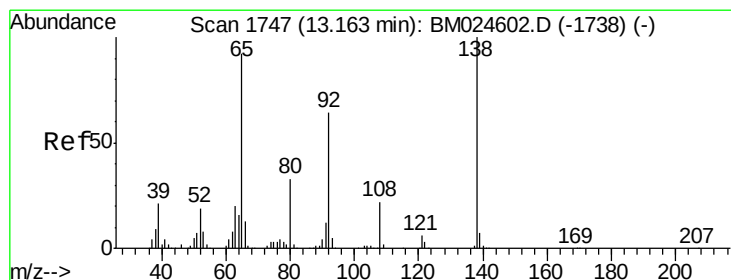
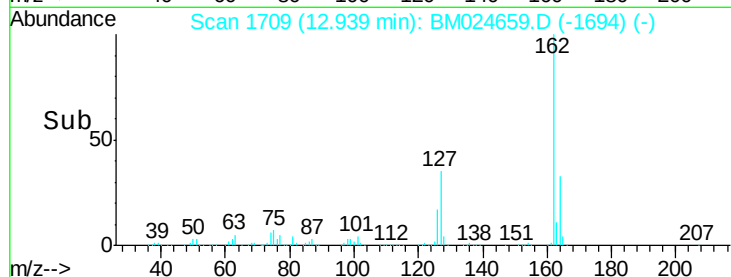
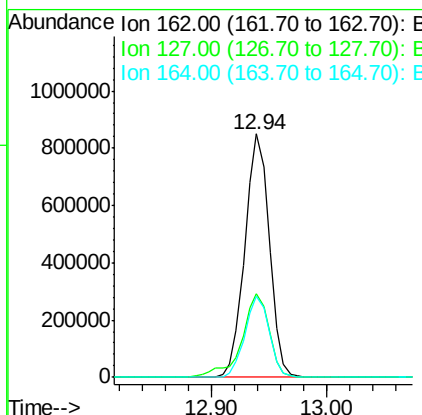
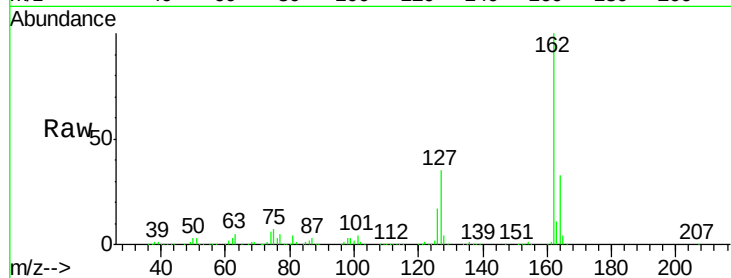
#47  
2-Chloronaphthalene  
Concen: 44.900 ng  
RT: 12.94 min Scan# 1709  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.6  | 30.4  | 45.6  |
| 164     | 33.1  | 26.5  | 39.7  |

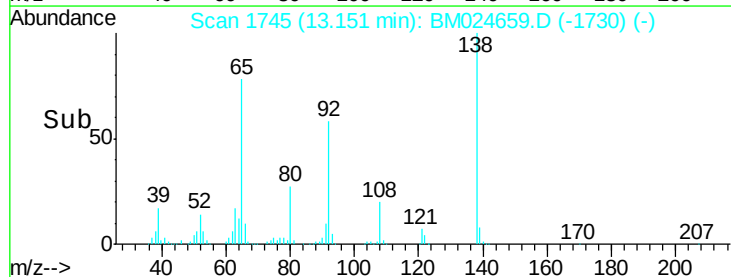
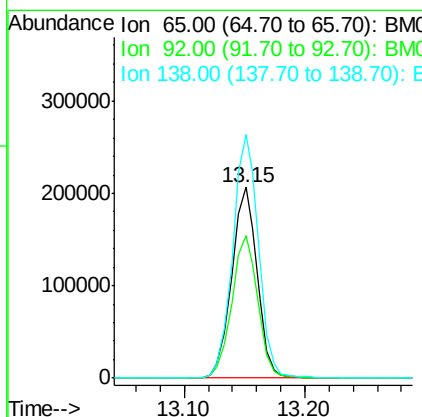
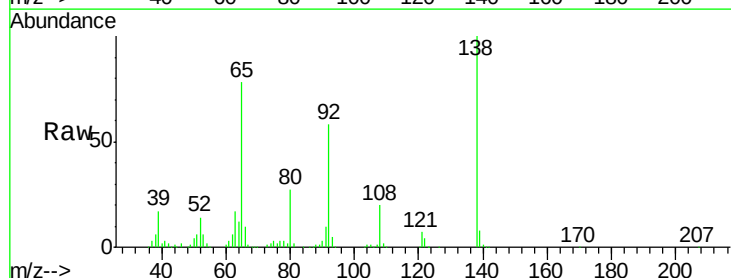
Manual Integrations  
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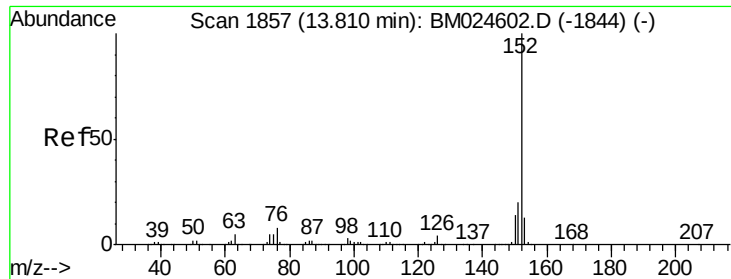
mohammad  
2/3/2020 7:55:27 AM



#48  
2-Nitroaniline  
Concen: 35.677 ng  
RT: 13.15 min Scan# 1745  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.7  | 55.4  | 83.2  |
| 138     | 127.8 | 86.6  | 129.8 |





#49

Acenaphthylene

Concen: 43.915 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1838079

Ion Ratio Lower Upper

152 100

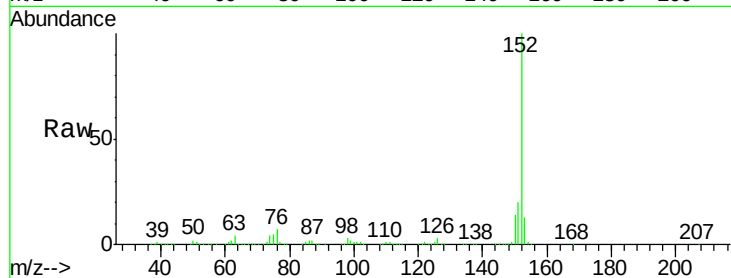
151 19.9 15.8 23.6

153 12.9 10.4 15.6

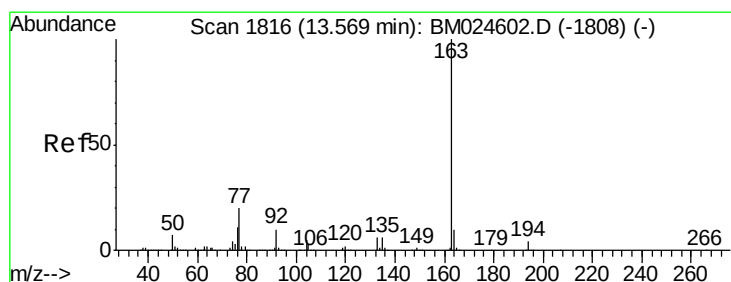
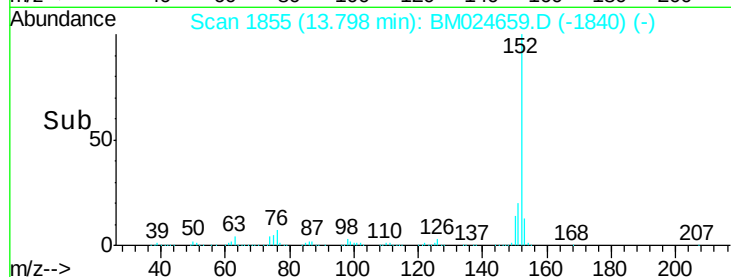
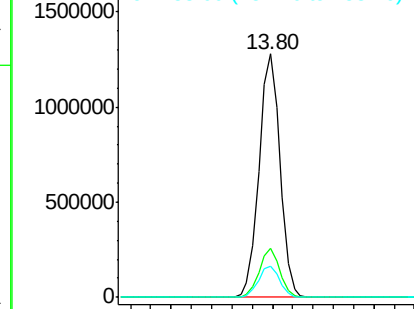
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.437 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

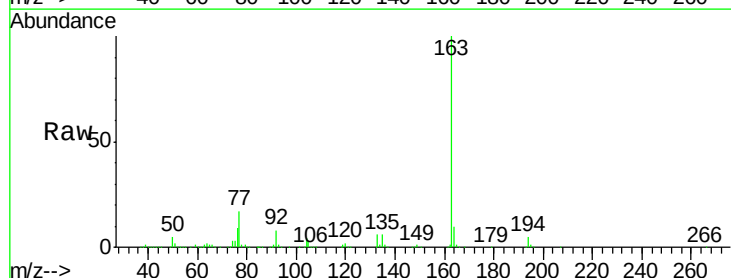
Tgt Ion:163 Resp: 1570415

Ion Ratio Lower Upper

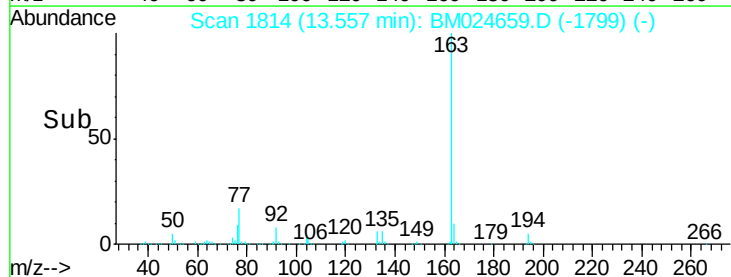
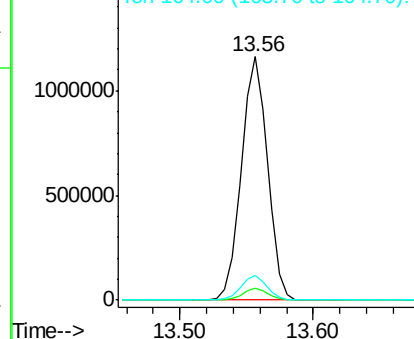
163 100

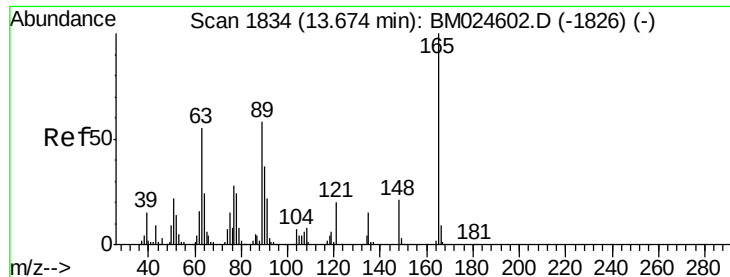
194 4.7 3.4 5.0

164 10.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





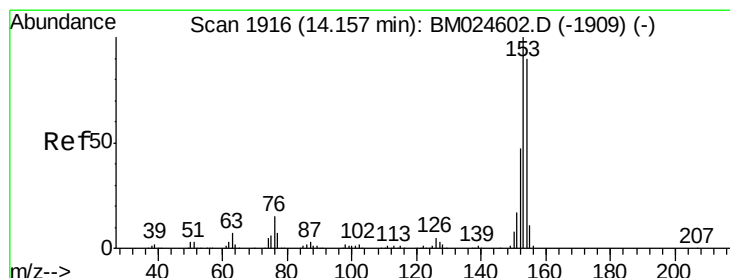
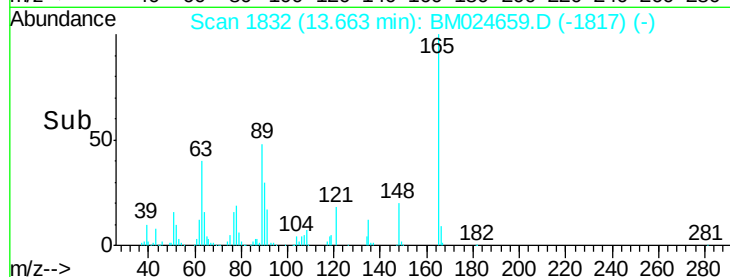
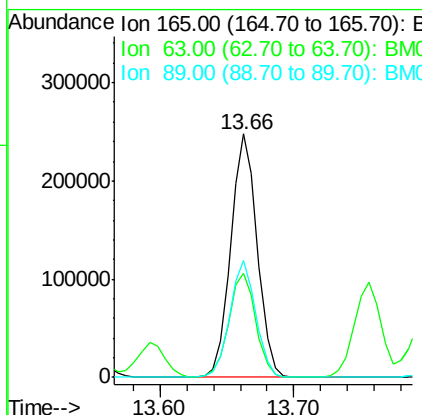
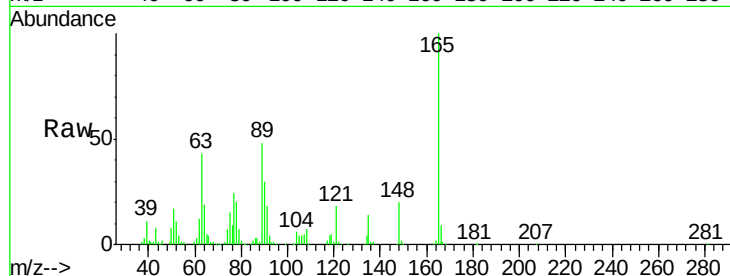
#51  
2,6-Dinitrotoluene  
Concen: 43.424 ng  
RT: 13.66 min Scan# 1832  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 341643 |       |       |
| 63      | 42.5  | 45.4   | 68.0# |       |
| 89      | 48.1  | 46.6   | 69.8  |       |

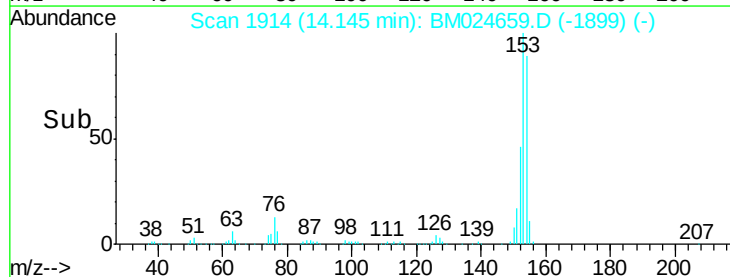
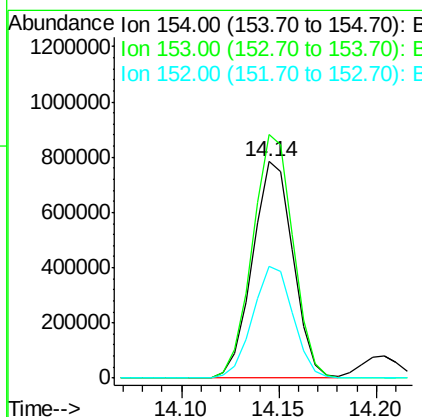
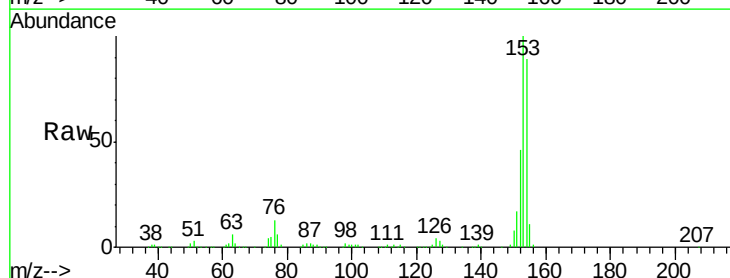
Manual Integrations  
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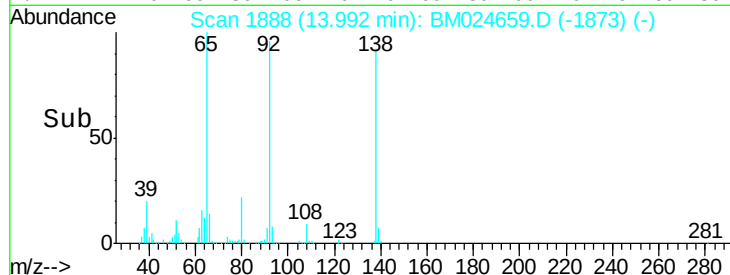
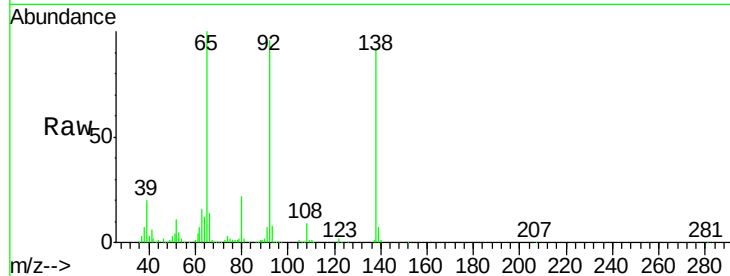
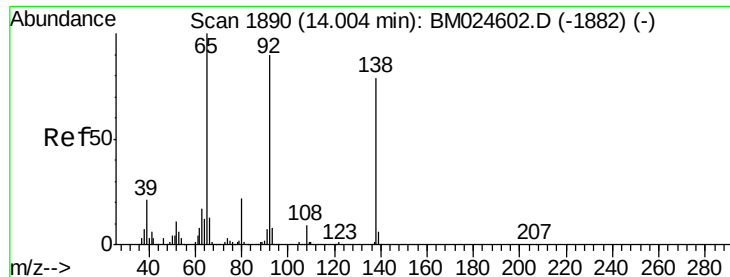
mohammad  
2/3/2020 7:55:27 AM



#52  
Acenaphthene  
Concen: 43.475 ng  
RT: 14.14 min Scan# 1914  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1129159 |       |       |
| 153     | 112.5 | 89.1    | 133.7 |       |
| 152     | 51.9  | 41.9    | 62.9  |       |





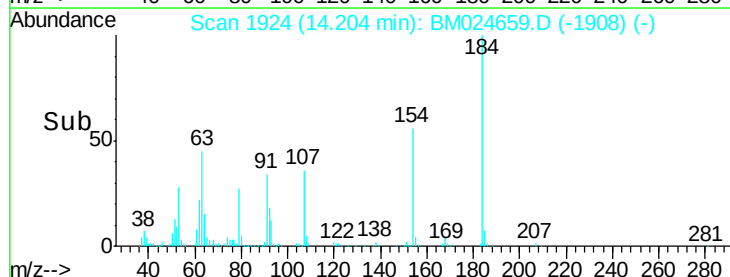
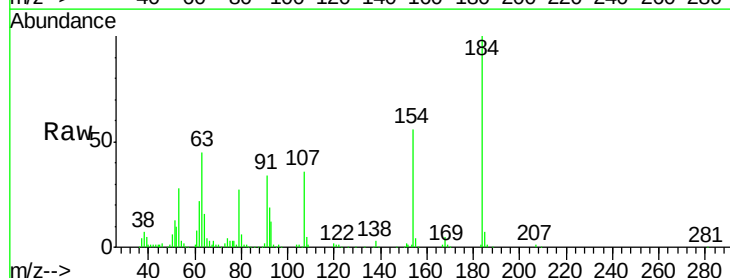
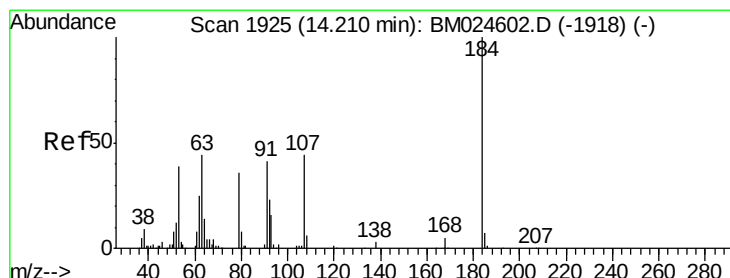
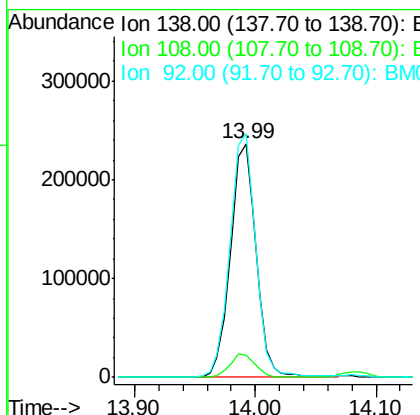
#53  
3-Nitroaniline  
Concen: 43.341 ng  
RT: 13.99 min Scan# 1888  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.4   | 8.7   | 13.1  |
| 92      | 104.2 | 91.0  | 136.4 |

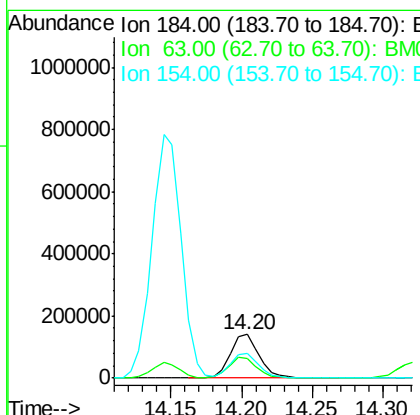
Manual Integrations  
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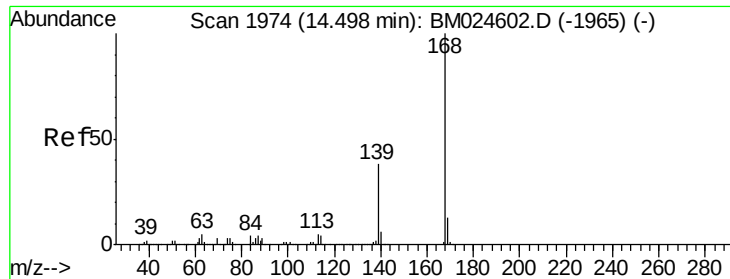
mohammad  
2/3/2020 7:55:27 AM



#54  
2,4-Dinitrophenol  
Concen: 42.813 ng  
RT: 14.20 min Scan# 1924  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 44.9  | 51.8  | 77.8# |
| 154     | 56.1  | 50.2  | 75.4  |





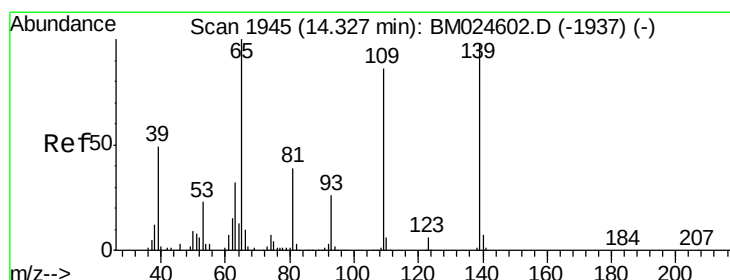
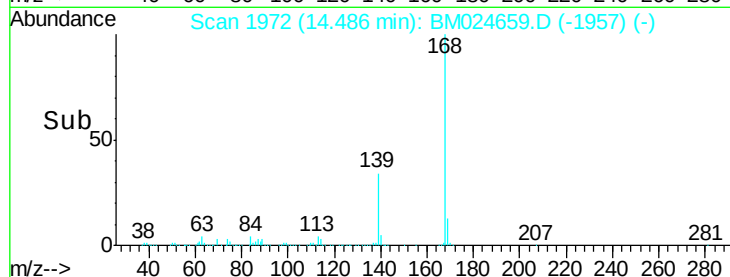
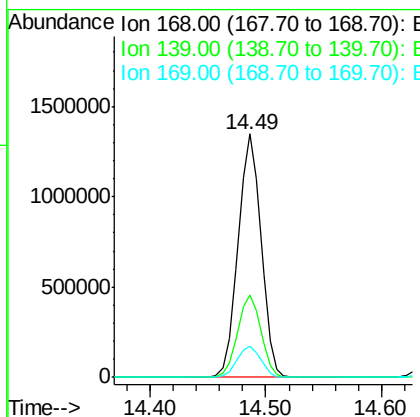
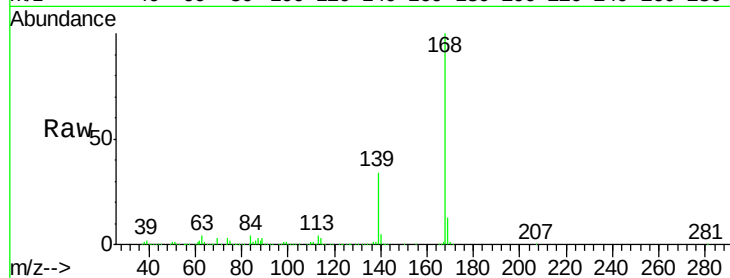
#55  
Dibenzofuran  
Concen: 43.981 ng  
RT: 14.49 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 33.7  | 30.2  | 45.4  |
| 169     | 13.0  | 10.7  | 16.1  |

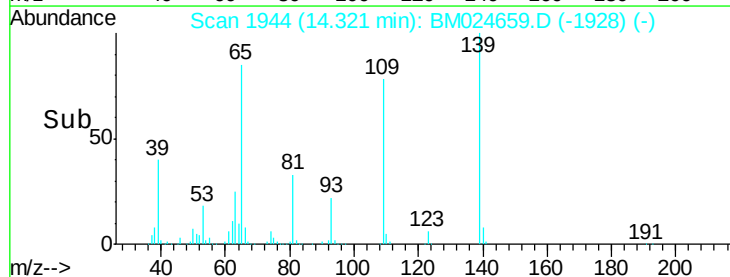
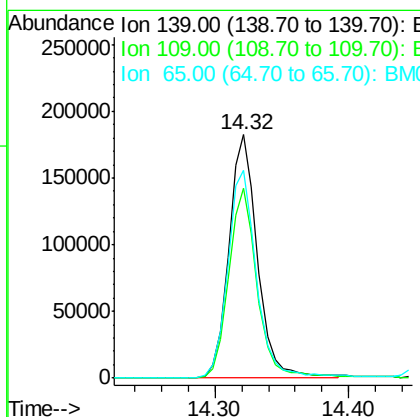
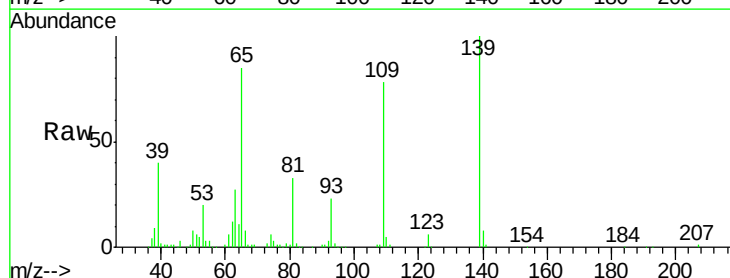
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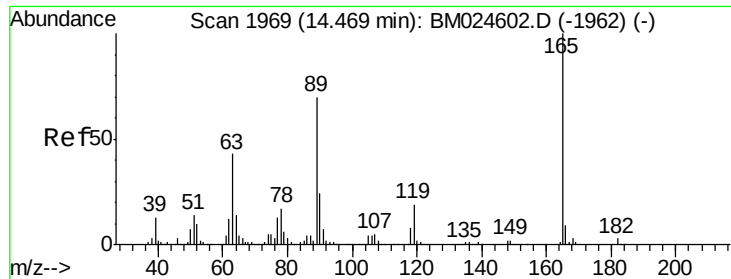


#56  
4-Nitrophenol  
Concen: 42.768 ng  
RT: 14.32 min Scan# 1944  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 78.0  | 67.4  | 107.4 |
| 65      | 85.5  | 82.1  | 122.1 |







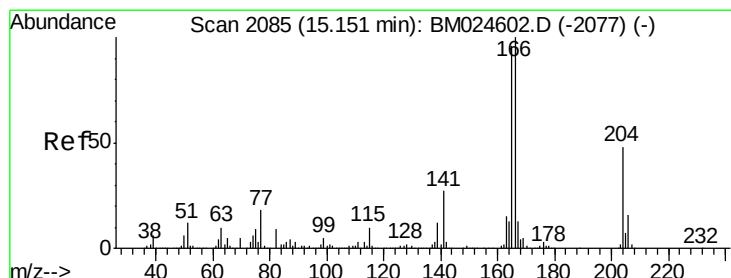
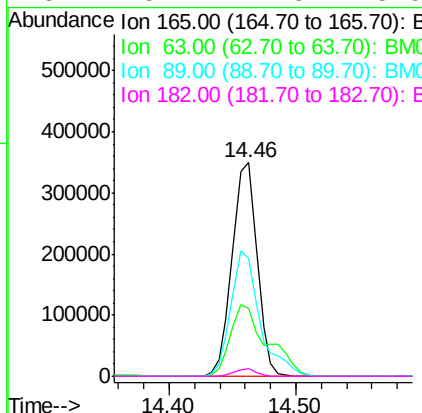
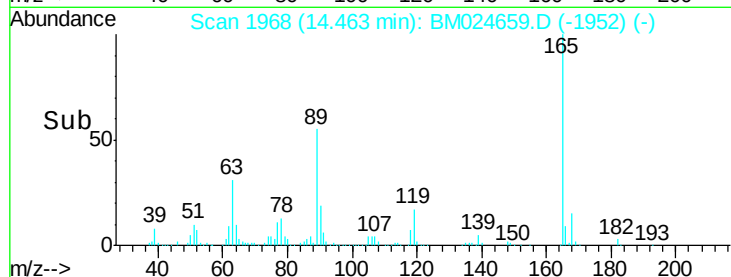
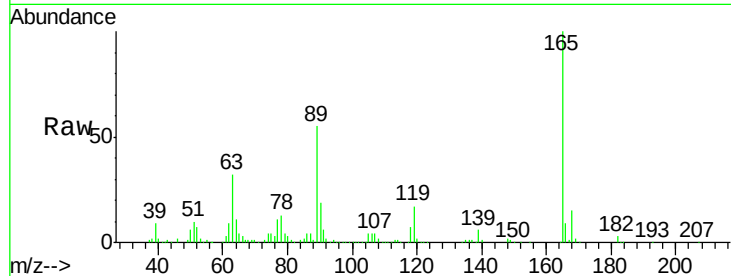
#57  
2,4-Dinitrotoluene  
Concen: 42.325 ng  
RT: 14.46 min Scan# 1968  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 31.6  | 34.5  | 51.7# |
| 89      | 54.9  | 55.8  | 83.8# |
| 182     | 3.4   | 2.3   | 3.5   |

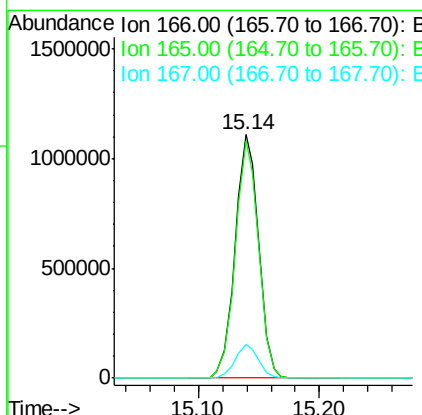
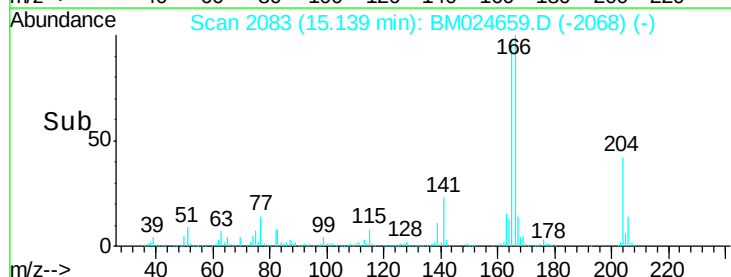
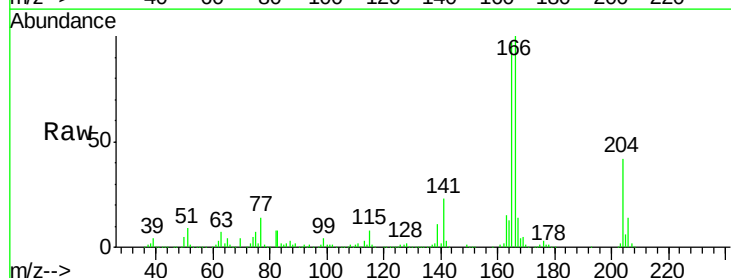
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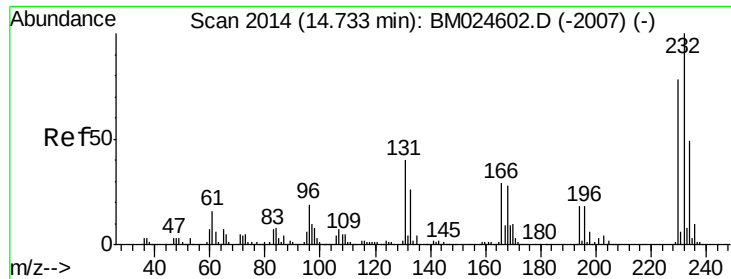
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#58  
Fluorene  
Concen: 42.176 ng  
RT: 15.14 min Scan# 2083  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.4  | 76.6  | 114.8 |
| 167     | 13.6  | 10.8  | 16.2  |





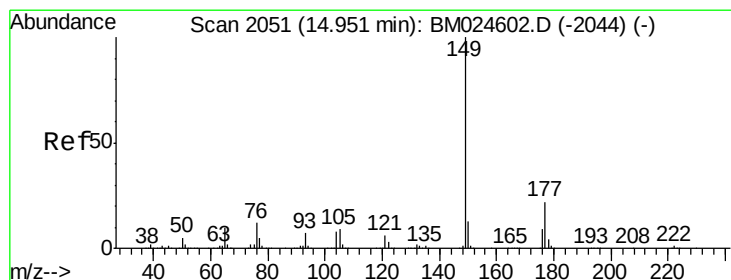
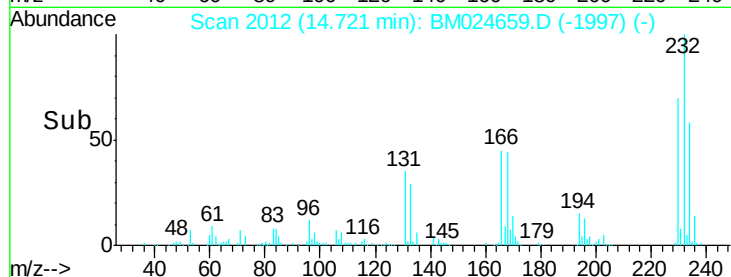
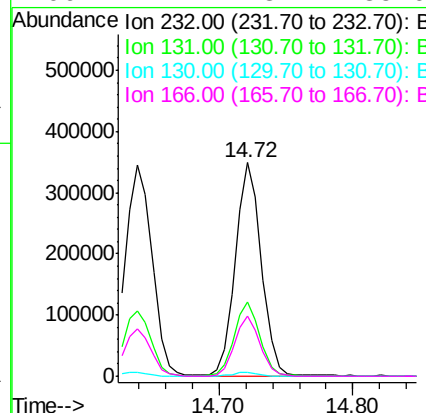
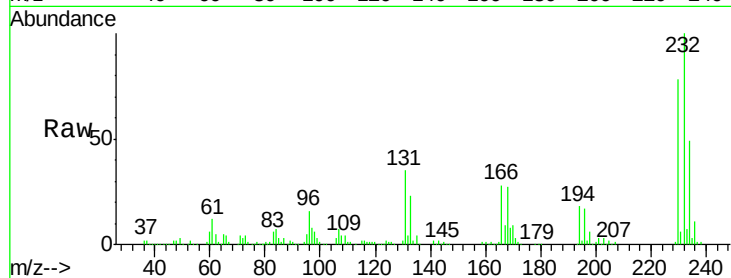
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.754 ng  
 RT: 14.72 min Scan# 2012  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 470986 |       |       |
| 131     | 34.5  | 32.2   | 48.4  |       |
| 130     | 1.9   | 1.9    | 2.9   |       |
| 166     | 27.7  | 23.4   | 35.0  |       |

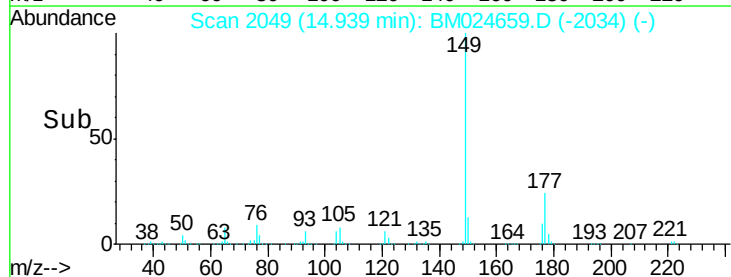
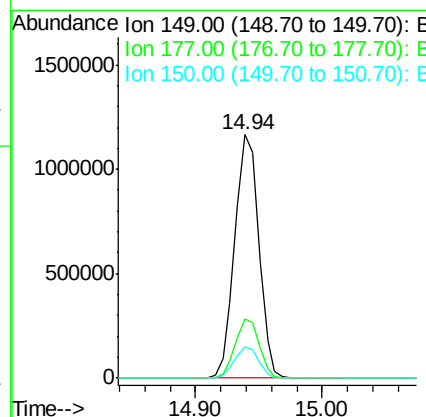
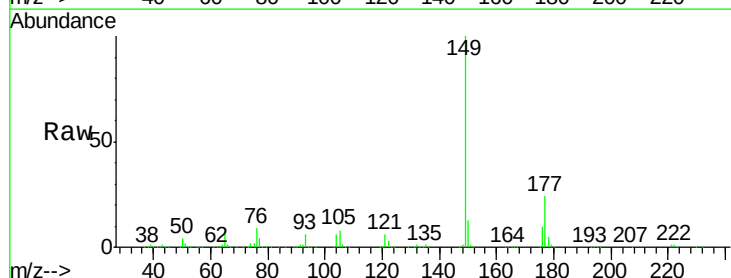
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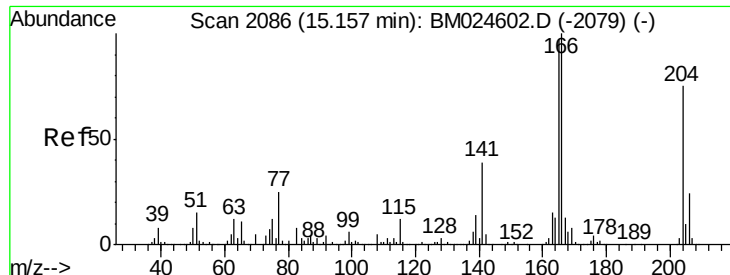
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 2/3/2020 7:55:27 AM



#60  
 Diethylphthalate  
 Concen: 40.582 ng  
 RT: 14.94 min Scan# 2049  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1524644 |       |       |
| 177     | 24.2  | 18.0    | 27.0  |       |
| 150     | 12.6  | 10.2    | 15.4  |       |





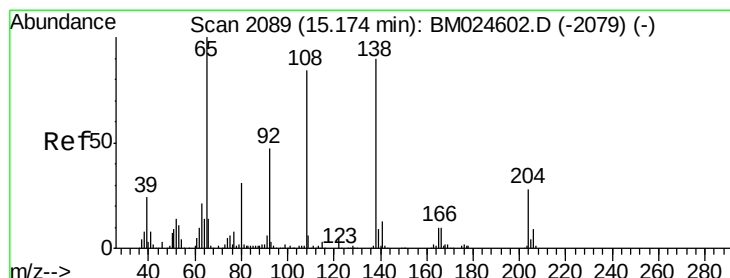
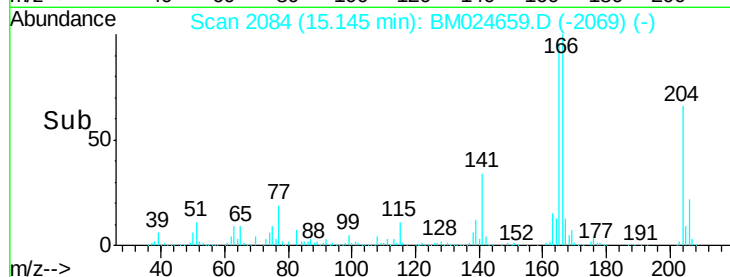
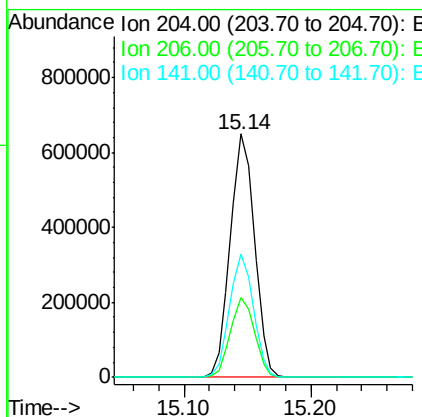
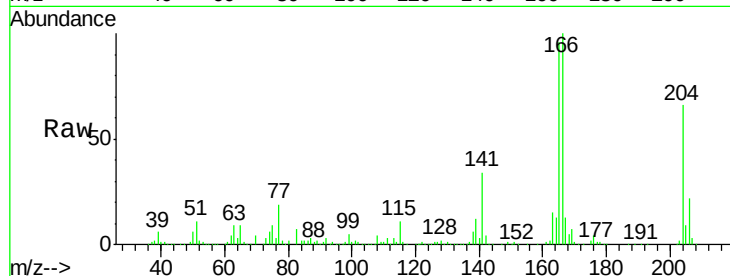
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.979 ng  
 RT: 15.14 min Scan# 2084  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 861494 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.6  | 26.2  | 39.2   |
| 141       | 50.7  | 42.2  | 63.2   |

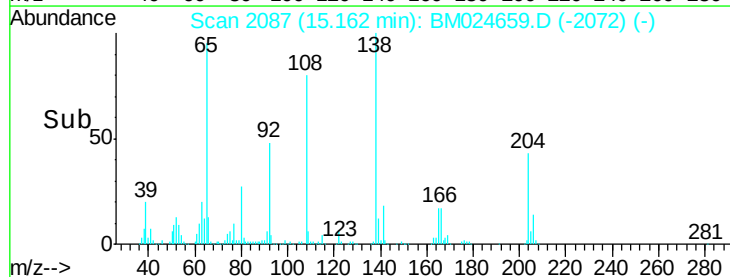
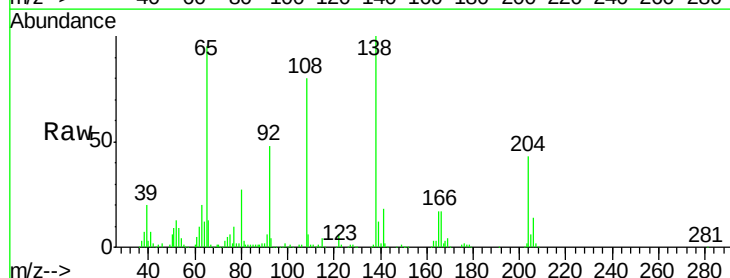
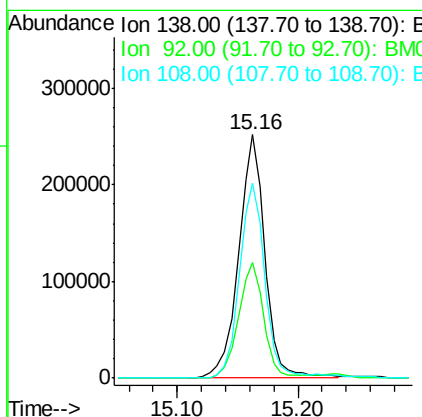
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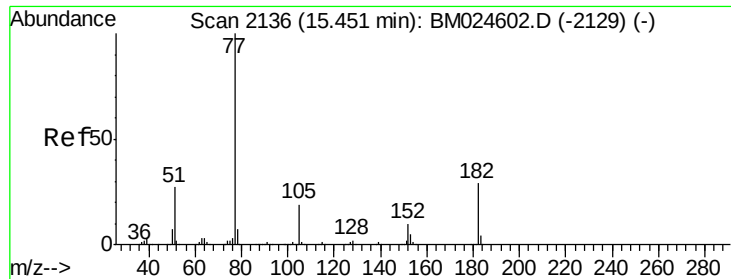
mohammad  
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#62  
 4-Nitroaniline  
 Concen: 42.485 ng  
 RT: 15.16 min Scan# 2087  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 382671 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 47.5  | 32.4  | 72.4   |
| 108       | 80.2  | 73.3  | 113.3  |





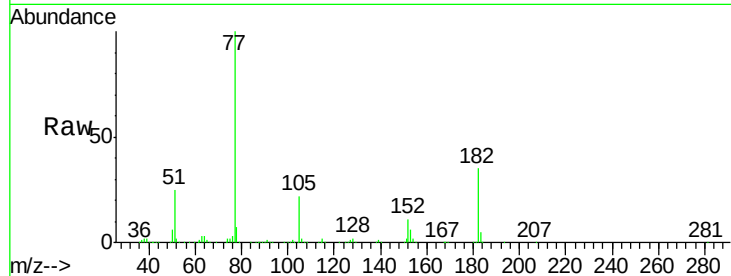
#63  
Azobenzene  
Concen: 35.277 ng  
RT: 15.44 min Scan# 2134  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 34.6 | 8.7   | 48.7  |       |
| 105     | 21.6 | 0.0   | 39.2  |       |
| 51      | 24.8 | 7.5   | 47.5  |       |

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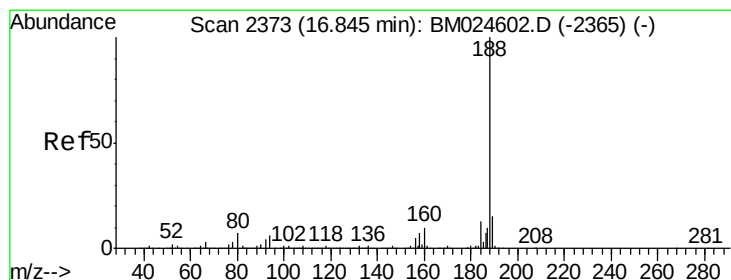
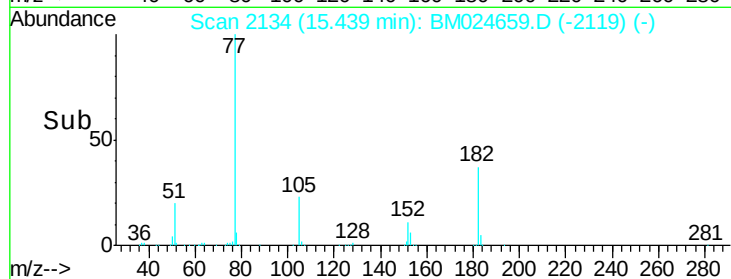
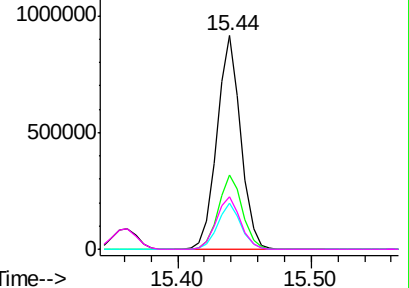


Abundance Ion 77.00 (76.70 to 77.70): BM024659.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024659.D (-2119) (-)

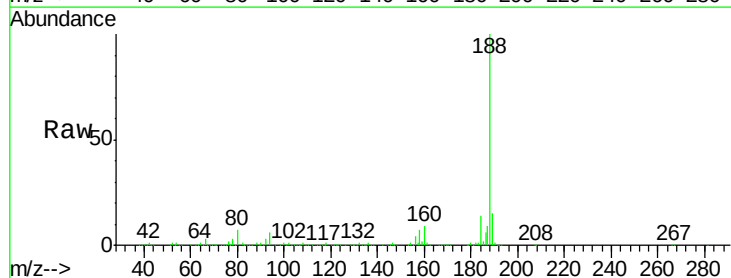
Ion 105.00 (104.70 to 105.70): BM024659.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024659.D (-2119) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.83 min Scan# 2371  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

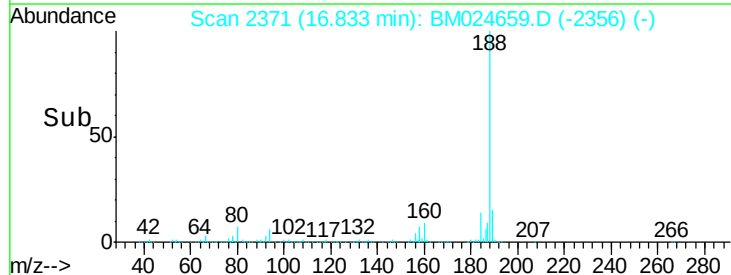
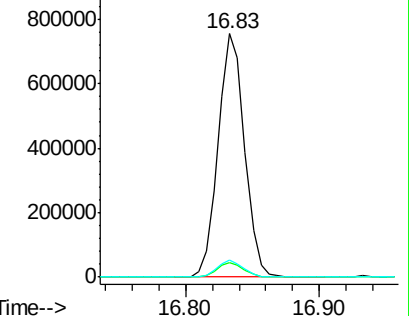
| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 6.2 | 5.0   | 7.6   |       |
| 80      | 6.9 | 5.8   | 8.8   |       |

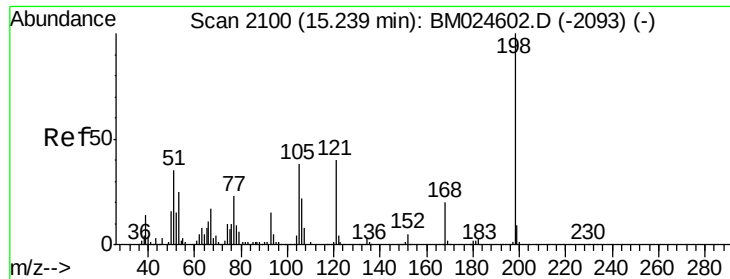


Abundance Ion 188.00 (187.70 to 188.70): BM024659.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024659.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024659.D (-2356) (-)





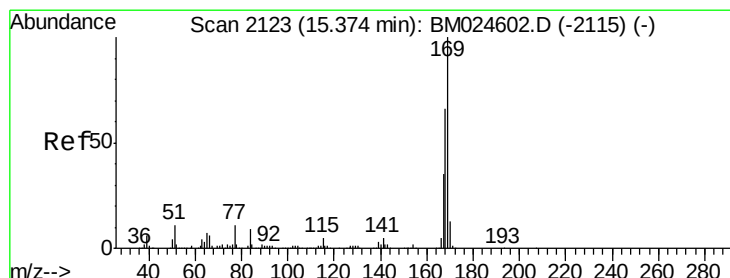
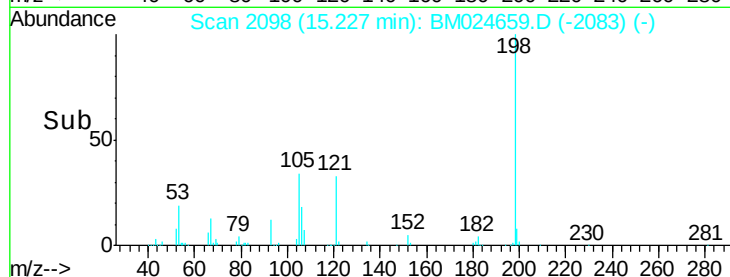
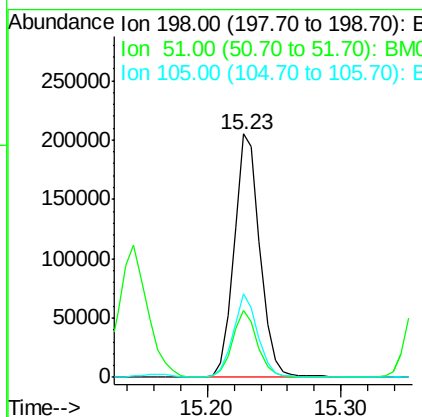
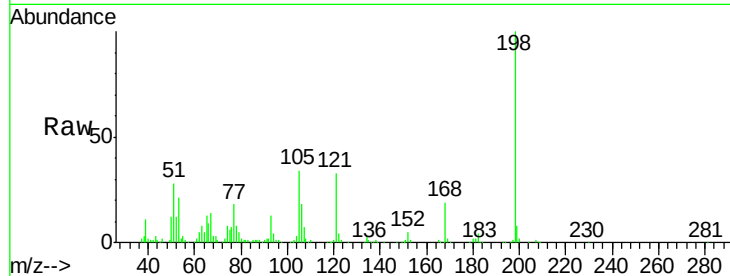
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.895 ng  
RT: 15.23 min Scan# 2098  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 275298 |       |       |
| 51      | 27.6  |        | 15.8  | 55.8  |
| 105     | 34.4  |        | 18.5  | 58.5  |

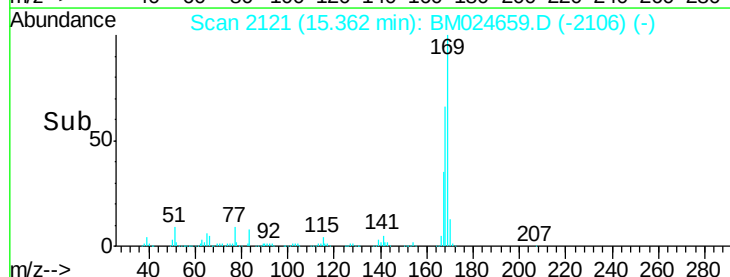
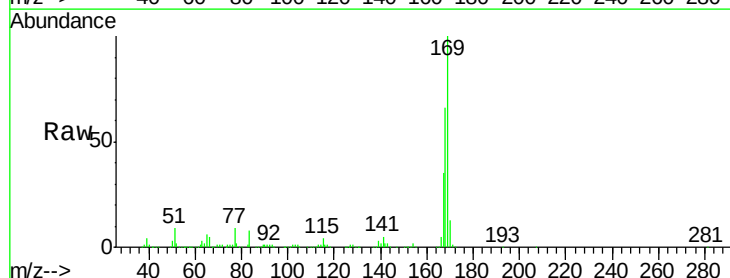
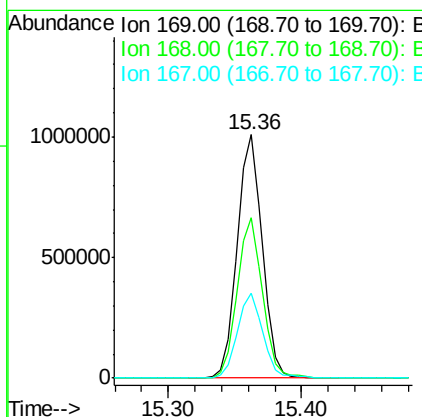
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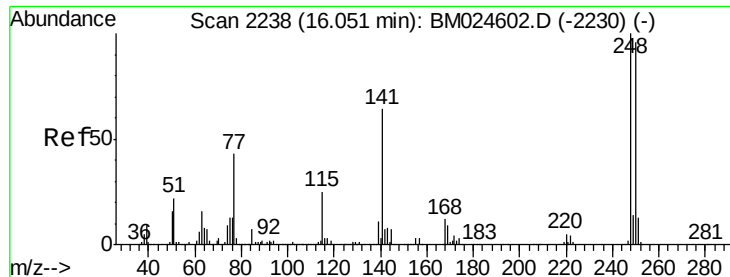
mohammad  
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#66  
n-Nitrosodiphenylamine  
Concen: 43.880 ng  
RT: 15.36 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1314524 |       |       |
| 168     | 65.6  |         | 52.8  | 79.2  |
| 167     | 35.0  |         | 28.2  | 42.2  |





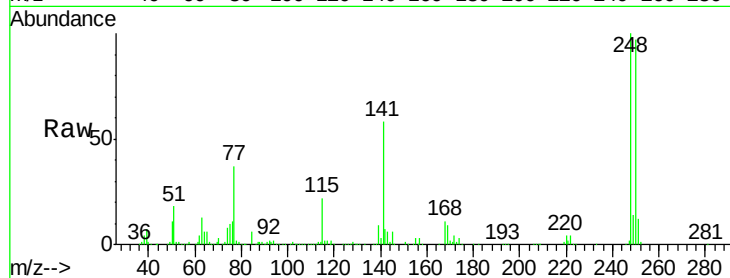
#67  
 4-Bromophenyl-phenylether  
 Concen: 44.058 ng  
 RT: 16.04 min Scan# 2236  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

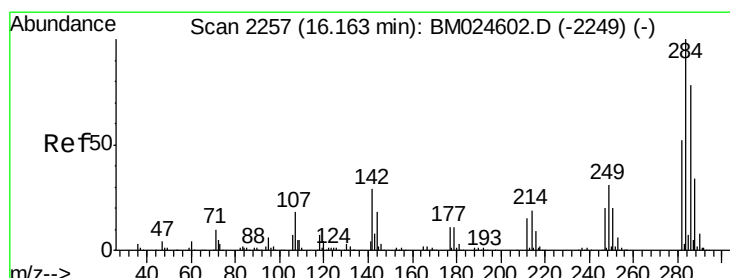
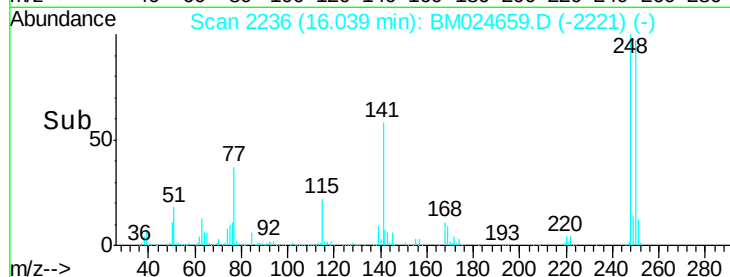
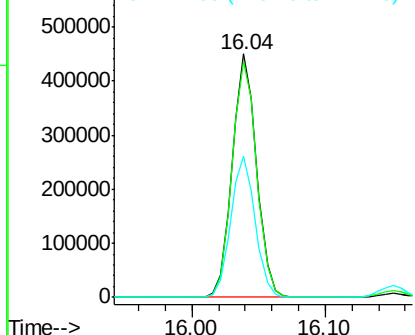
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.7  | 77.0  | 115.6 |
| 141     | 57.8  | 50.9  | 76.3  |

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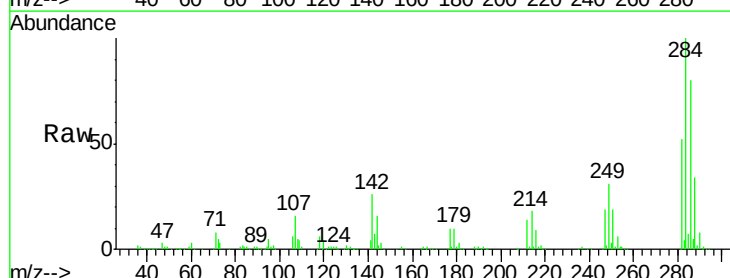


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

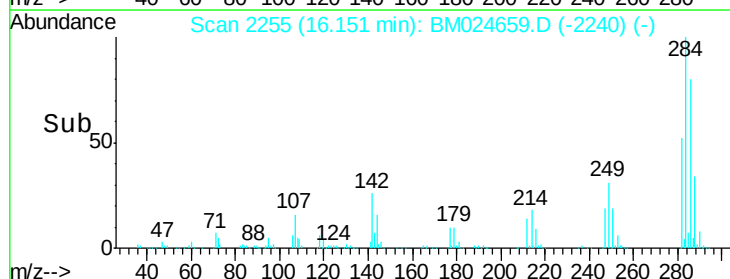
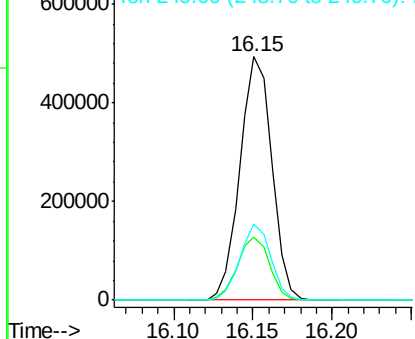


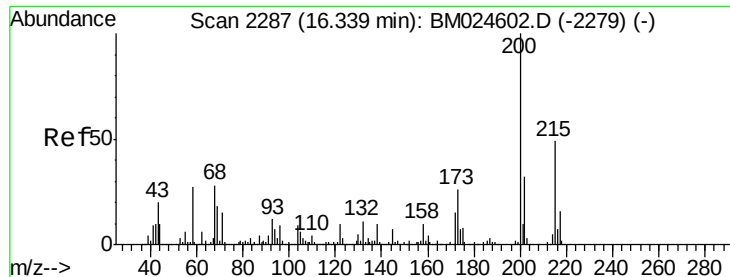
#68  
 Hexachlorobenzene  
 Concen: 46.243 ng  
 RT: 16.15 min Scan# 2255  
 Delta R.T. -0.01 min  
 Lab File: BM024659.D  
 Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.9  | 23.5  | 35.3  |
| 249     | 31.0  | 24.6  | 36.8  |



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: 38.566 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

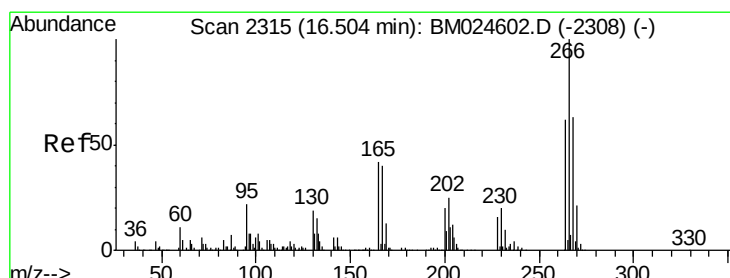
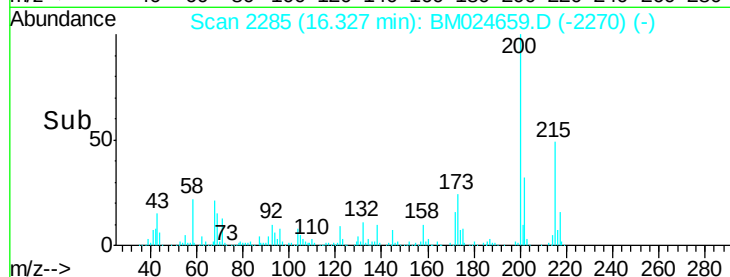
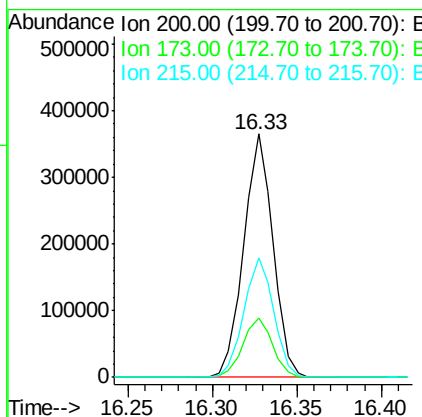
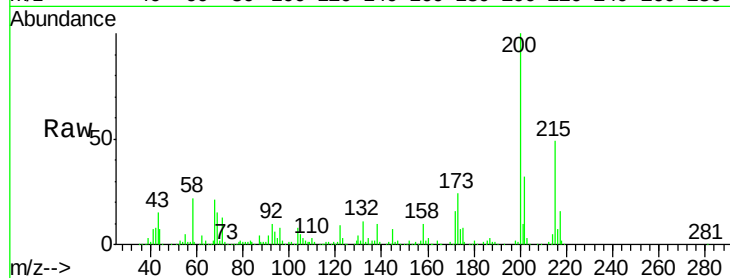
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 443471 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.4  | 5.5   | 45.5   |
| 215       | 49.3  | 29.4  | 69.4   |

Manual Integrations  
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#70

Pentachlorophenol

Concen: 42.953 ng

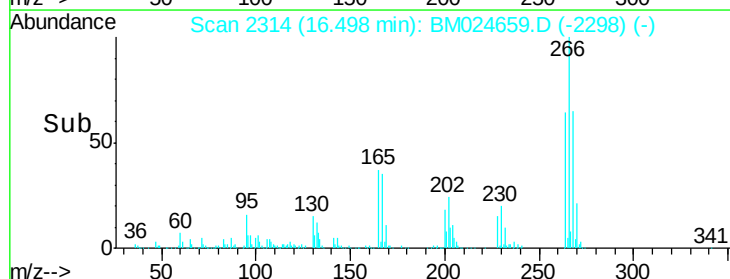
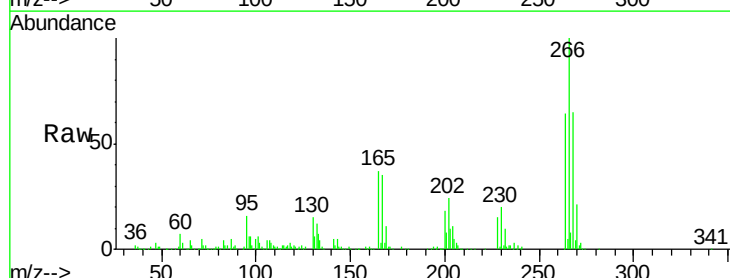
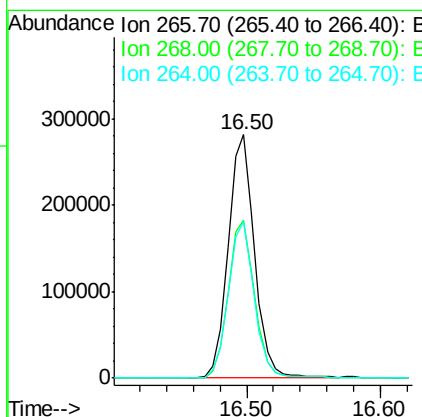
RT: 16.50 min Scan# 2314

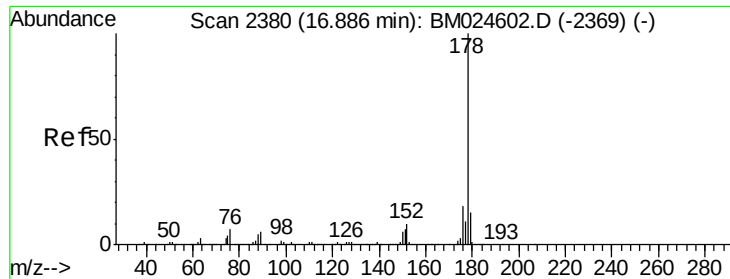
Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 389387 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 65.0  | 50.4  | 75.6   |
| 264       | 64.1  | 49.9  | 74.9   |





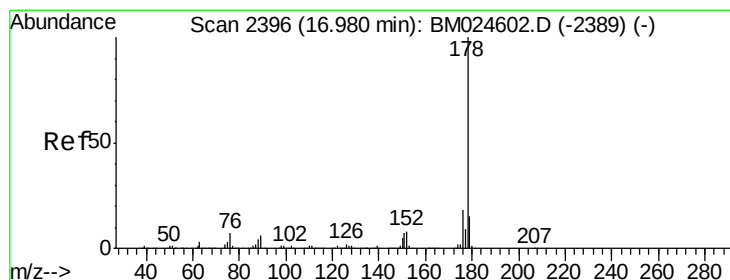
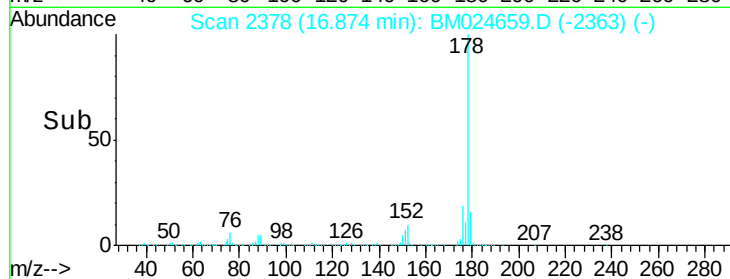
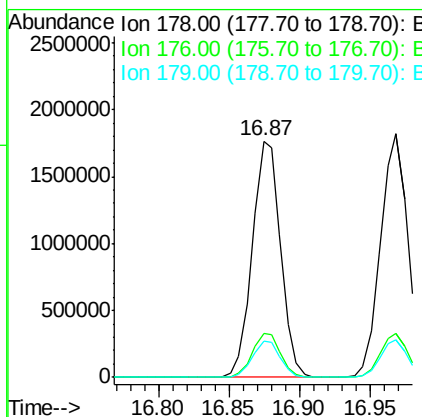
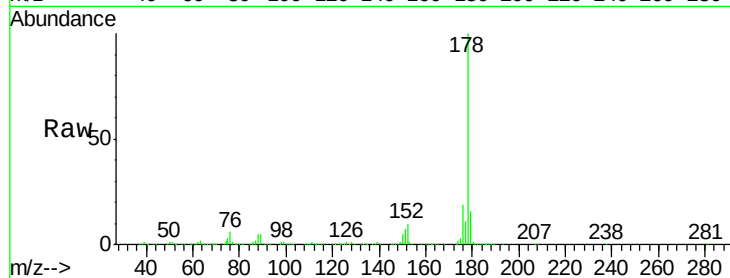
#71  
Phenanthrene  
Concen: 44.243 ng  
RT: 16.87 min Scan# 2378  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 14.5  | 21.7  |
| 179     | 15.5  | 11.9  | 17.9  |

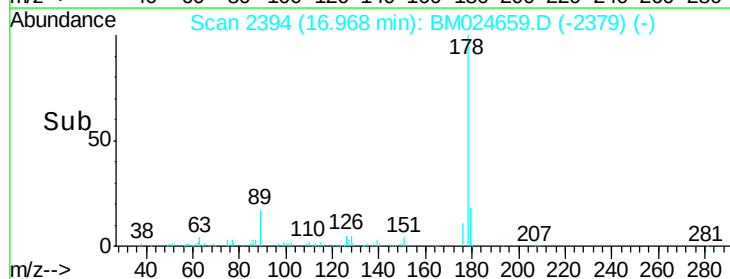
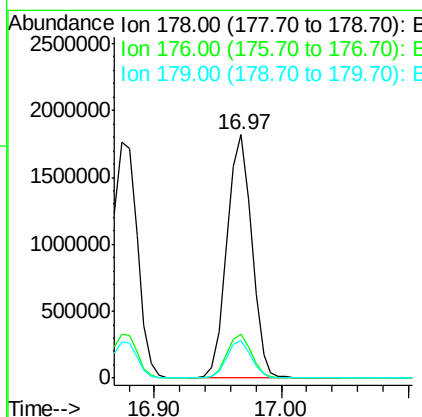
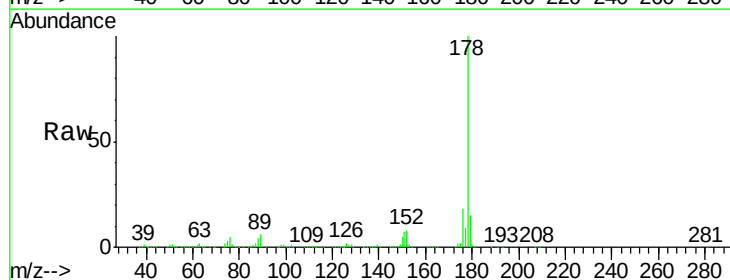
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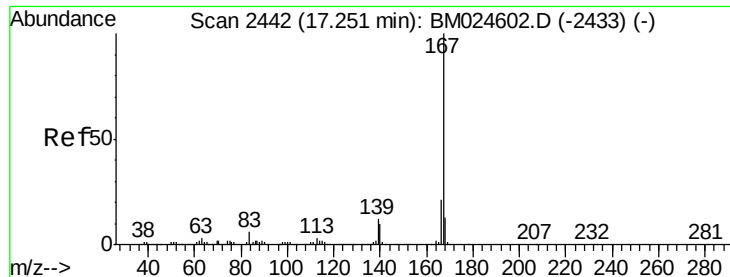


#72  
Anthracene  
Concen: 44.390 ng  
RT: 16.97 min Scan# 2394  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 14.3  | 21.5  |
| 179     | 15.3  | 12.1  | 18.1  |







#73

Carbazole

Concen: 44.915 ng

RT: 17.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2259422

Ion Ratio Lower Upper

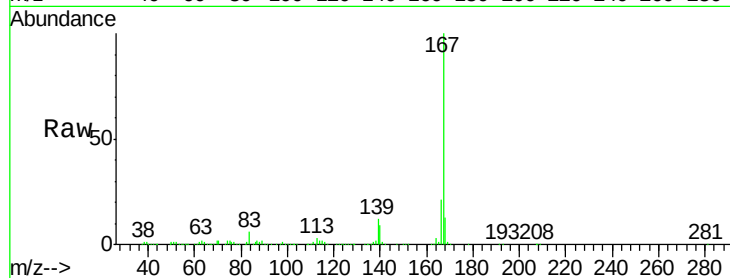
167 100

166 21.3 17.1 25.7

139 11.8 9.8 14.8

Manual Integrations  
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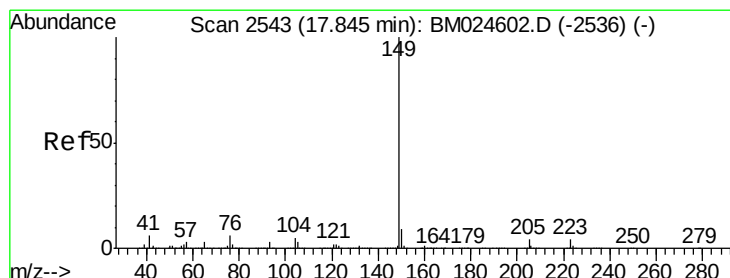
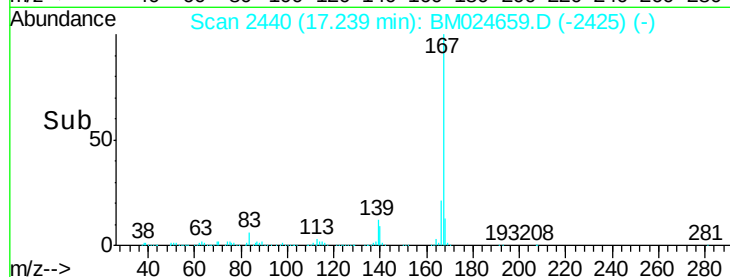
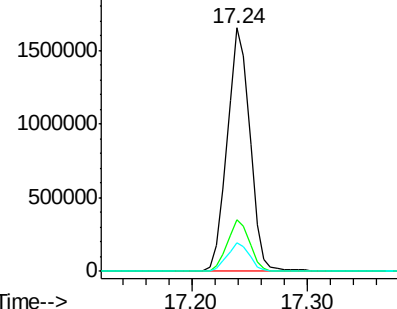
mohammad  
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.302 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

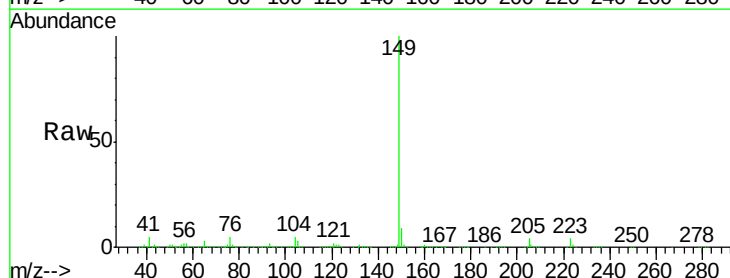
Tgt Ion:149 Resp: 2656146

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

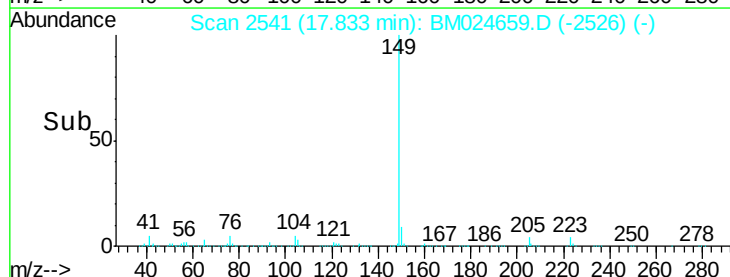
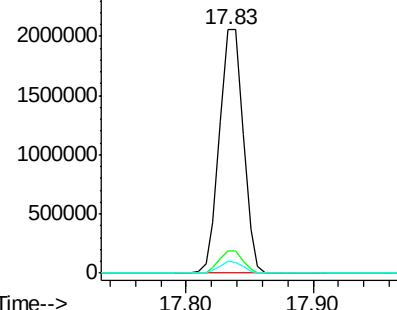
104 4.9 4.3 6.5

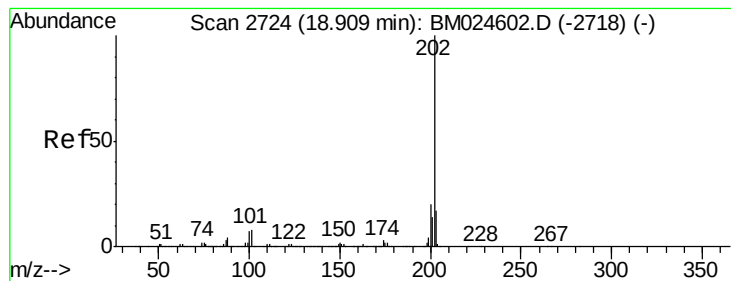


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





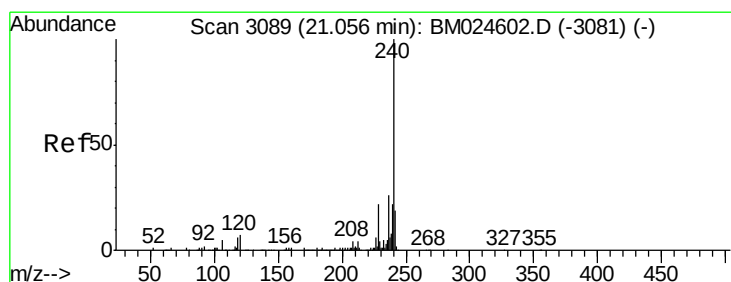
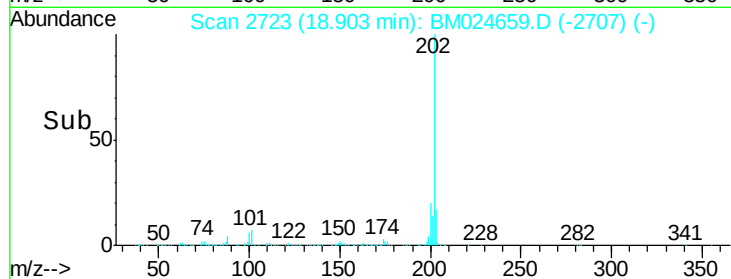
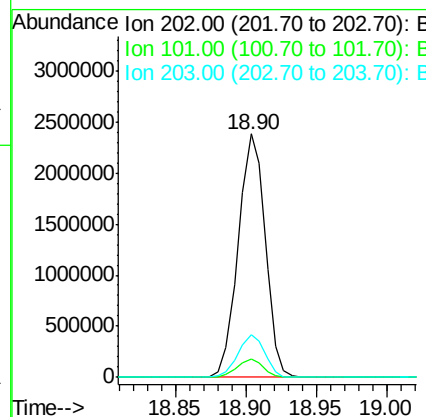
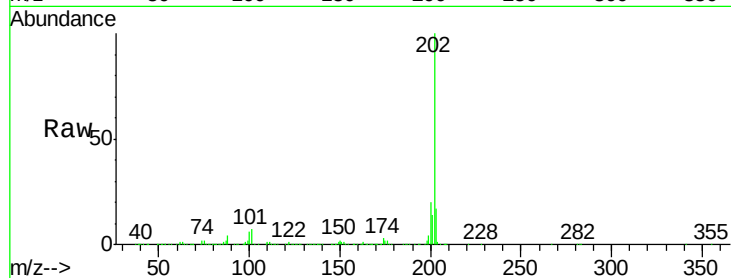
#75  
Fluoranthene  
Concen: 45.067 ng  
RT: 18.90 min Scan# 2723  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.5   | 0.0   | 28.4  |
| 203     | 17.5  | 0.0   | 37.5  |

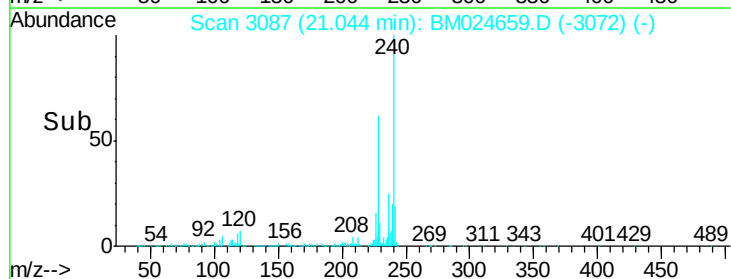
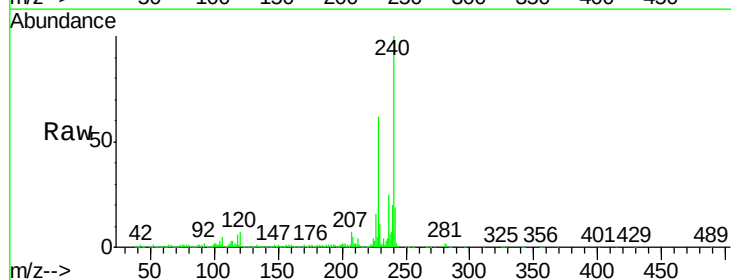
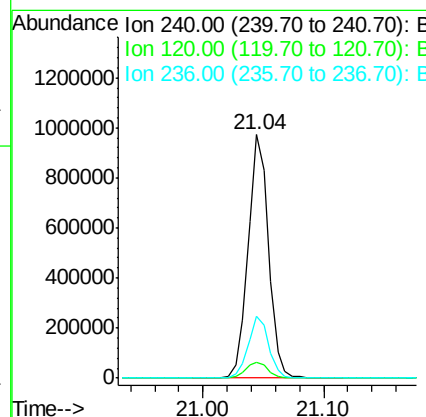
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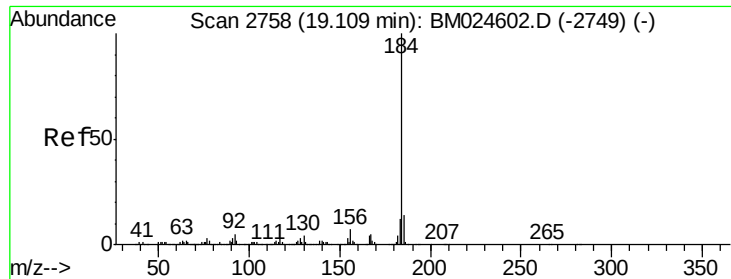
mohammad  
2/3/2020 7:55:27 AM



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.04 min Scan# 3087  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.7   | 5.3   | 7.9   |
| 236     | 25.4  | 20.6  | 31.0  |





#77

Benzidine

Concen: 50.858 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1363112

Ion Ratio Lower Upper

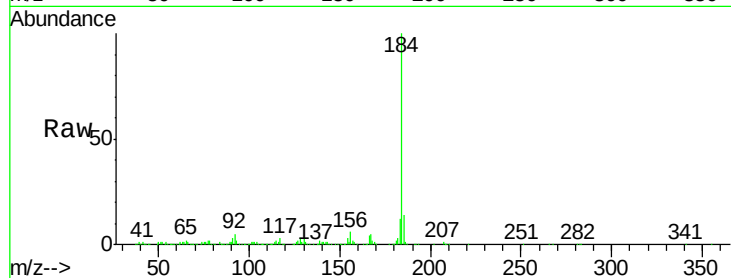
184 100

185 13.5 11.3 16.9

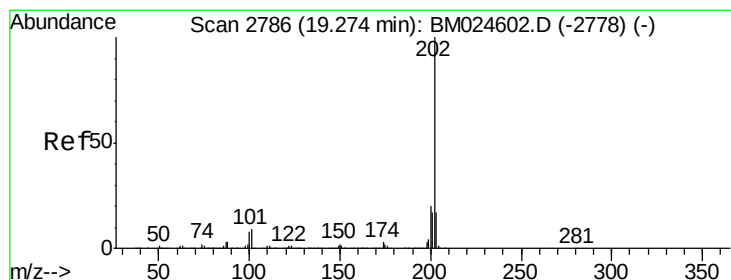
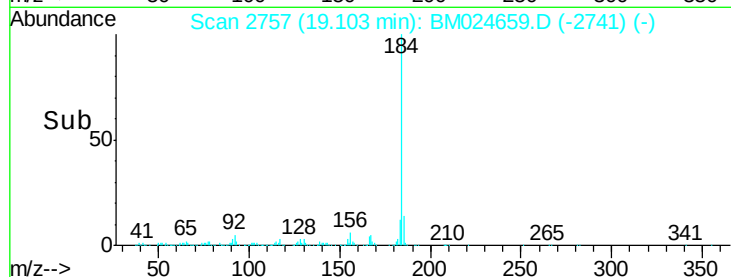
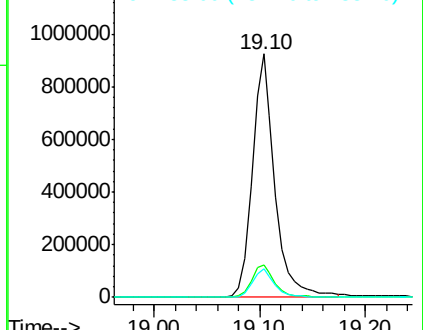
183 11.7 9.6 14.4

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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: 43.370 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

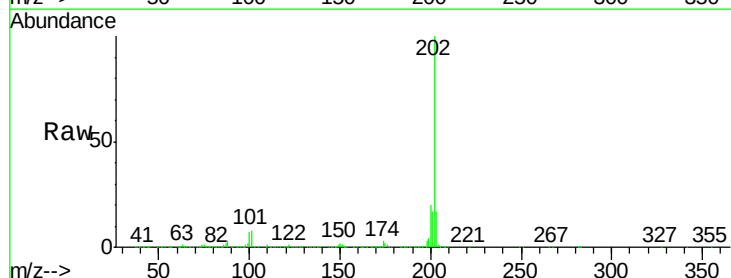
Tgt Ion:202 Resp: 3290450

Ion Ratio Lower Upper

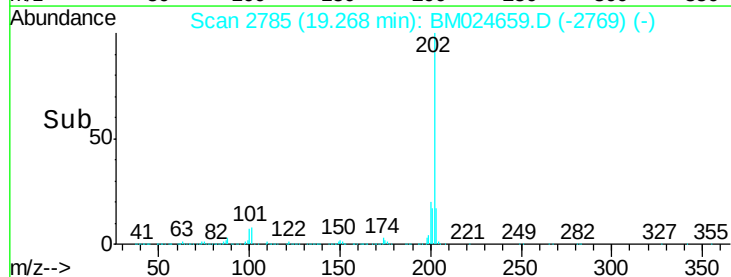
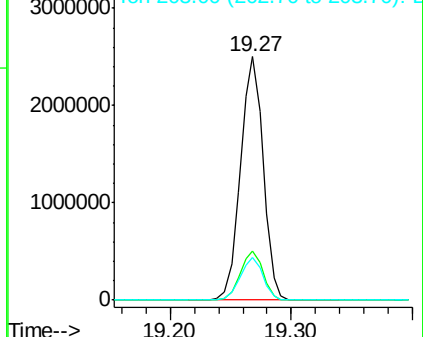
202 100

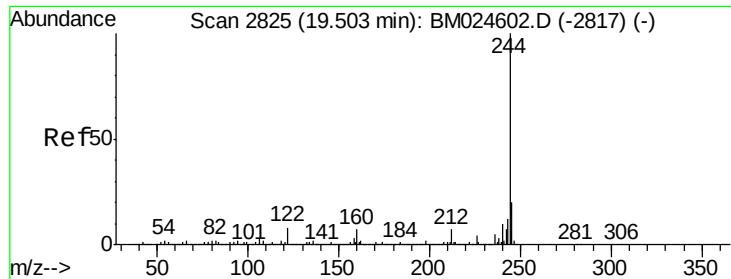
200 20.4 16.2 24.2

203 17.4 14.0 21.0



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: 88.901 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 5480419

Ion Ratio Lower Upper

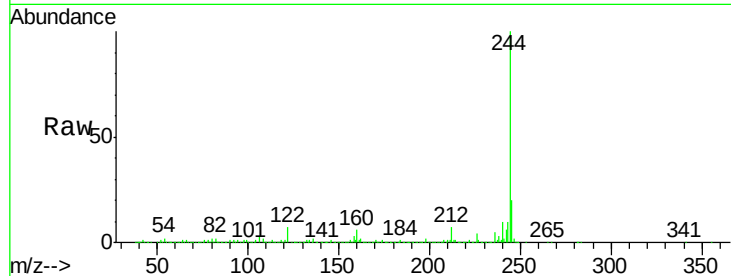
244 100

212 6.5 5.4 8.2

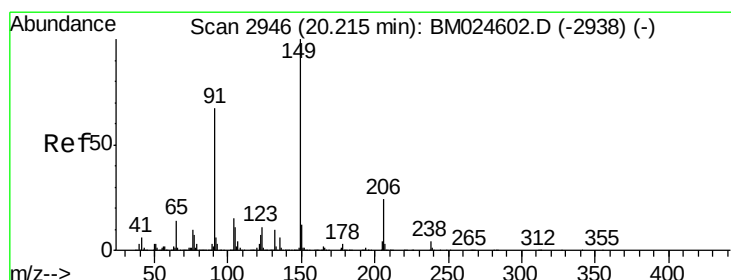
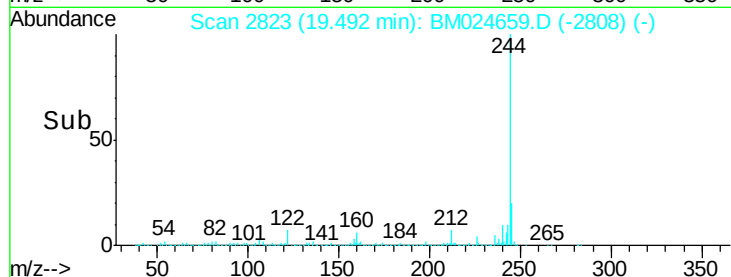
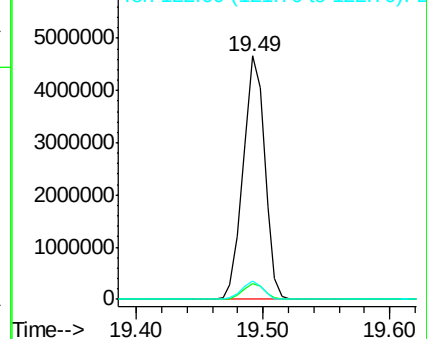
122 7.4 6.2 9.4

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.679 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

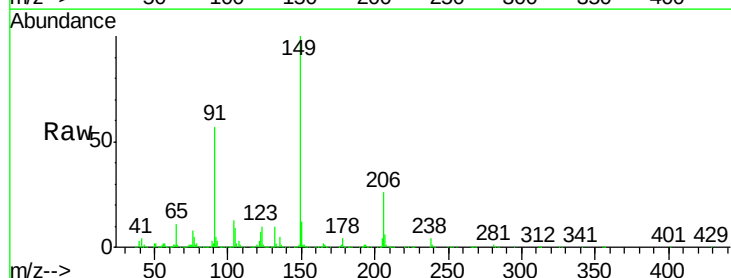
Tgt Ion:149 Resp: 1295047

Ion Ratio Lower Upper

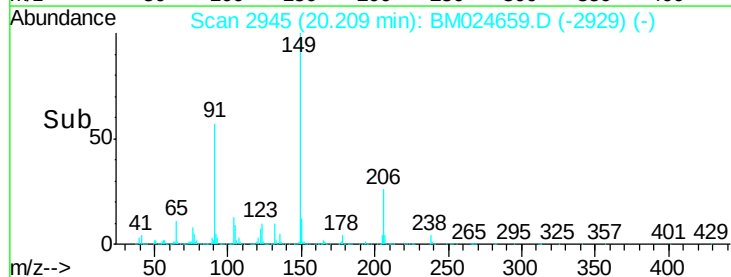
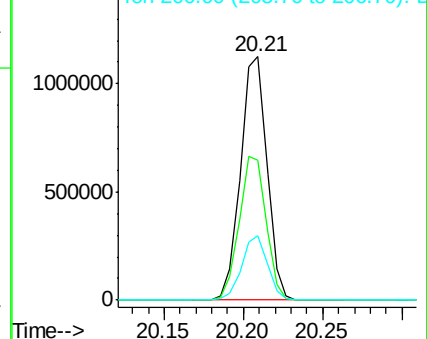
149 100

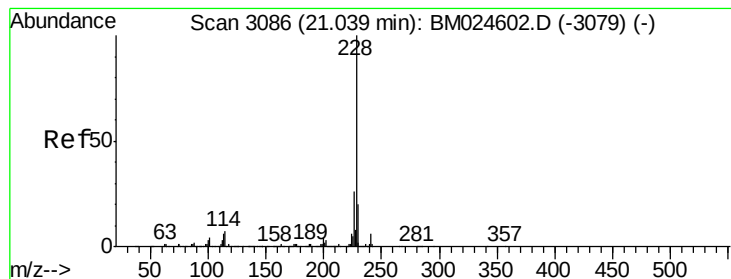
91 57.4 53.9 80.9

206 26.4 19.0 28.6



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





#81

Benzo(a)anthracene

Concen: 43.641 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 3485916

Ion Ratio Lower Upper

228 100

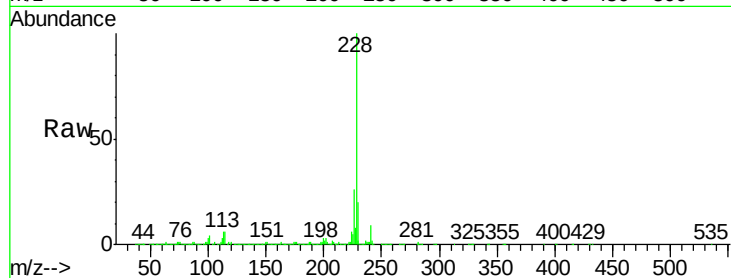
226 26.5 21.1 31.7

229 19.9 15.8 23.6

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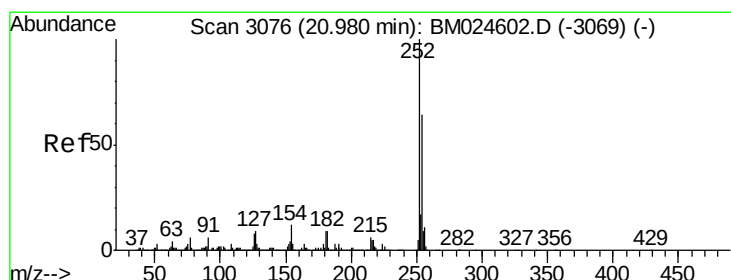
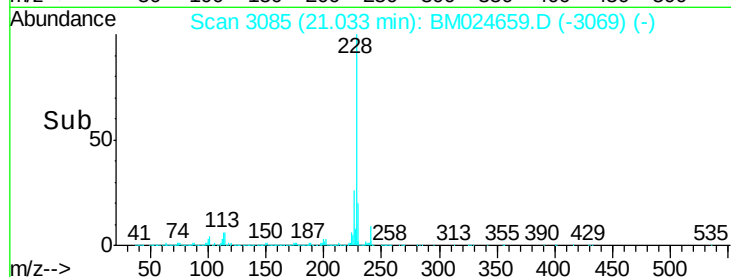
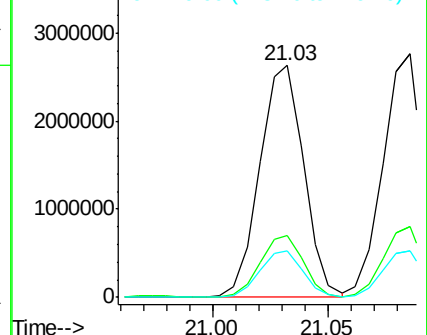
2/3/2020 7:55:27 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 49.054 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

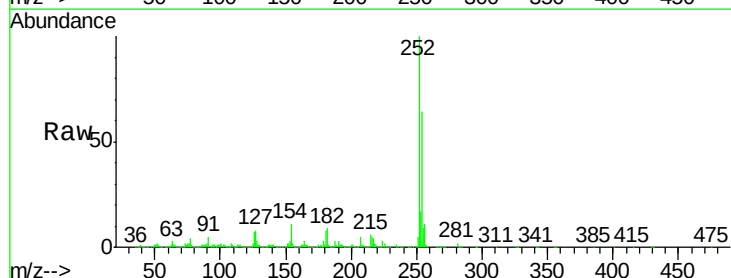
Tgt Ion:252 Resp: 1409514

Ion Ratio Lower Upper

252 100

254 64.2 51.5 77.3

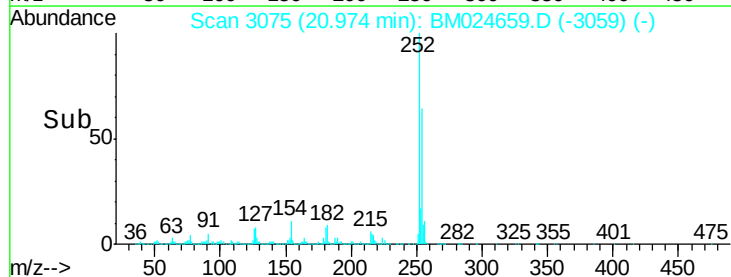
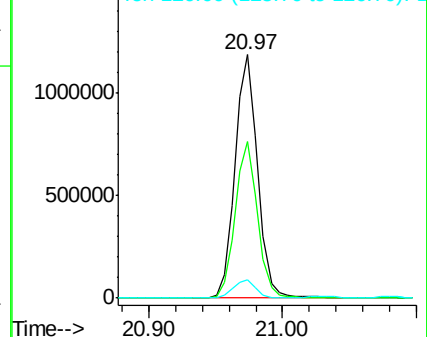
126 7.3 6.7 10.1

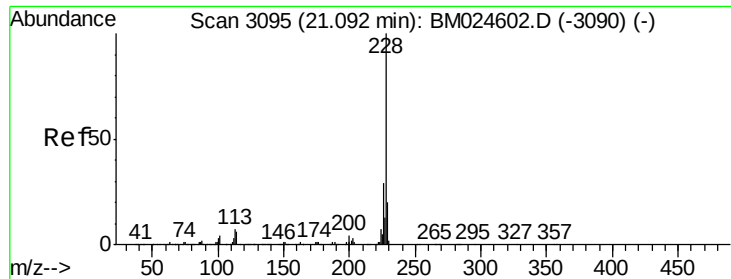


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.286 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 3375463

Ion Ratio Lower Upper

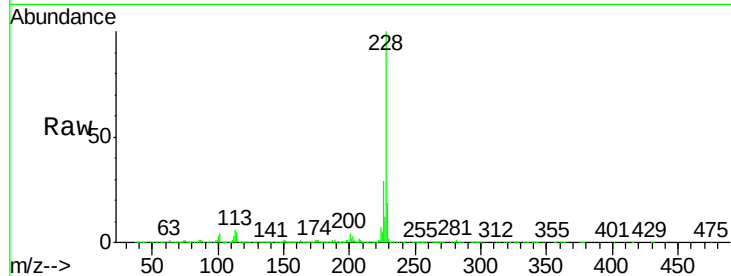
228 100

226 28.9 23.2 34.8

229 19.3 15.7 23.5

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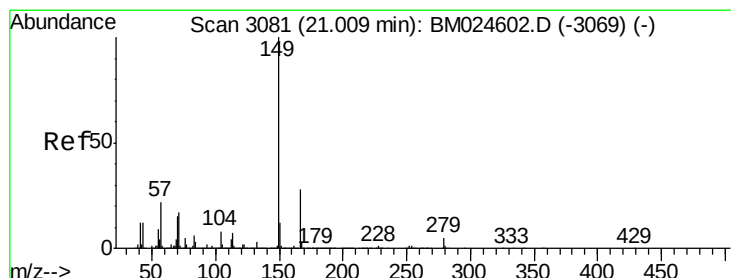
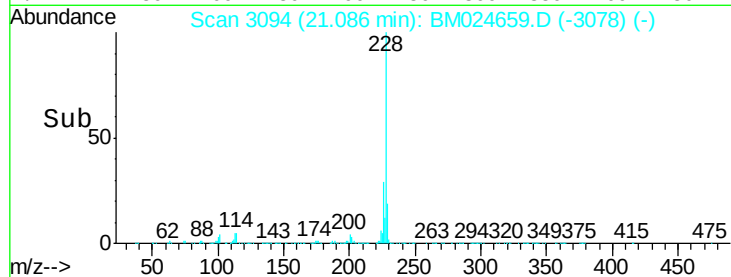
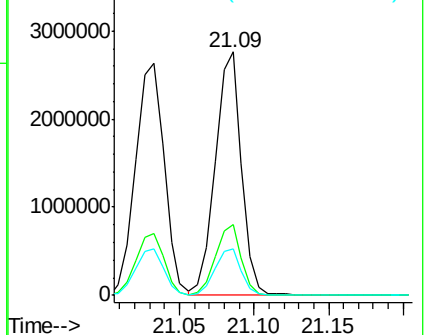
mohammad  
2/3/2020 7:55:27 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.274 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

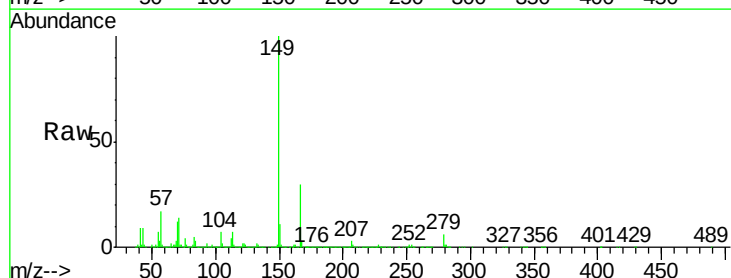
Tgt Ion:149 Resp: 1844891

Ion Ratio Lower Upper

149 100

167 29.9 22.5 33.7

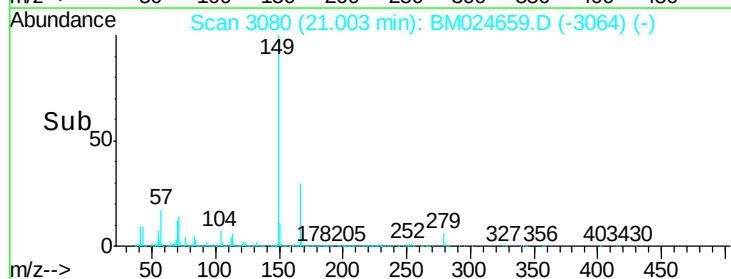
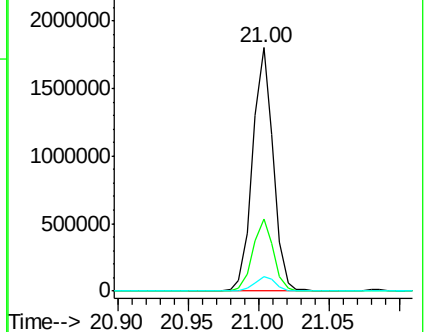
279 5.9 4.0 6.0

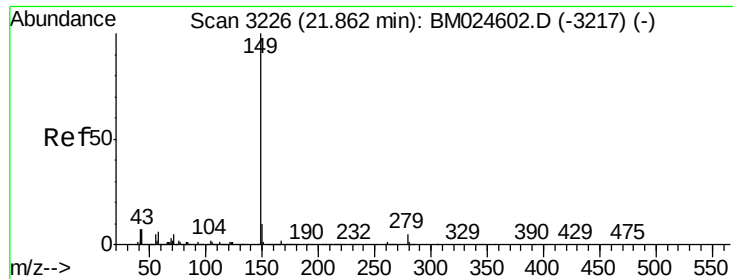


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.313 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

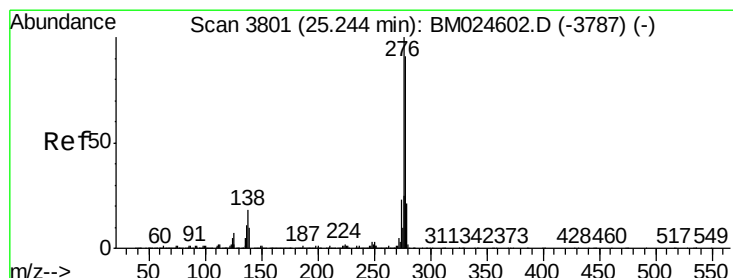
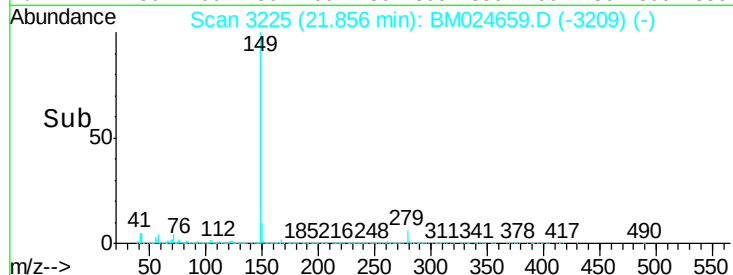
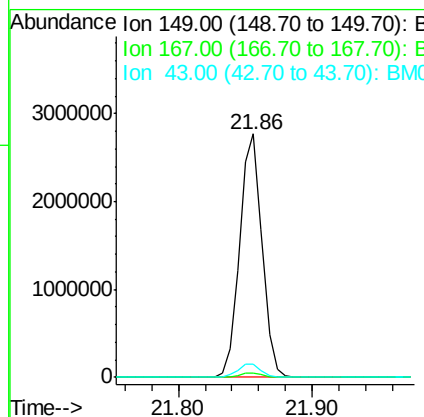
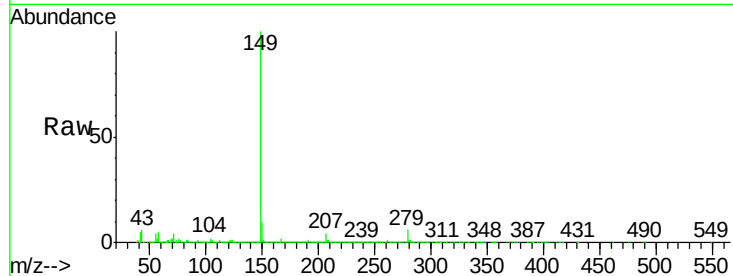
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 3206175 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.8   | 1.3   | 1.9     |
| 43       | 5.7   | 5.8   | 8.6#    |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 51.617 ng

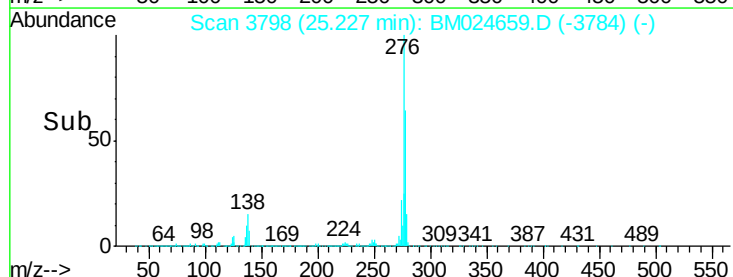
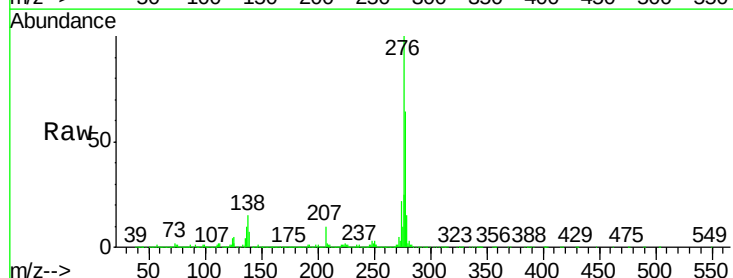
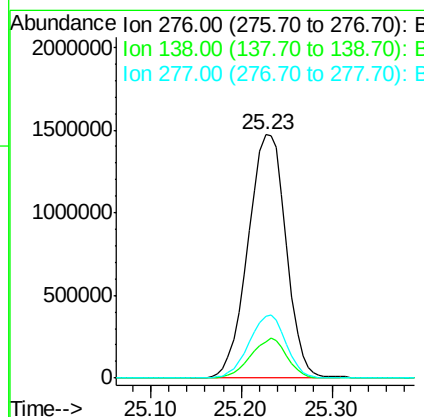
RT: 25.23 min Scan# 3798

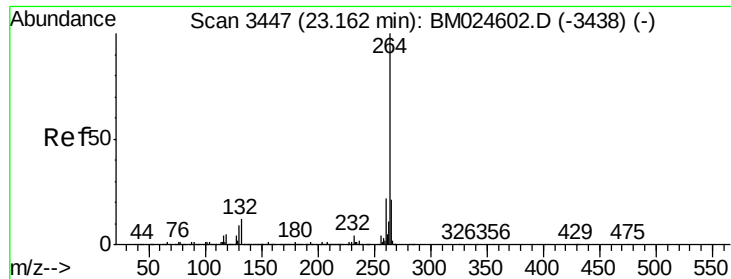
Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 4288080 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 15.6  | 13.4  | 20.0    |
| 277      | 25.3  | 19.6  | 29.4    |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1343060

Ion Ratio Lower Upper

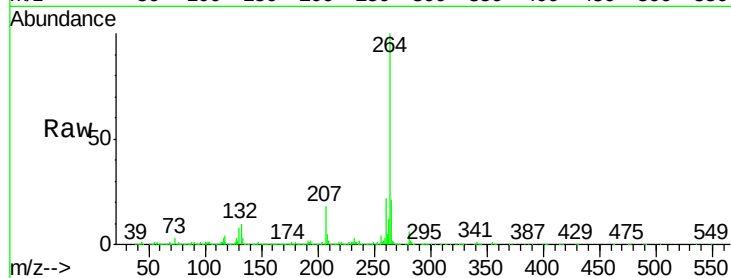
264 100

260 22.4 17.9 26.9

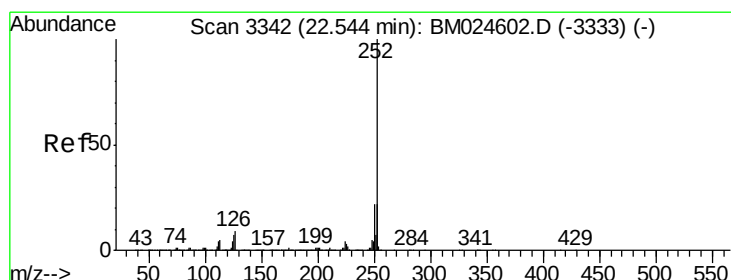
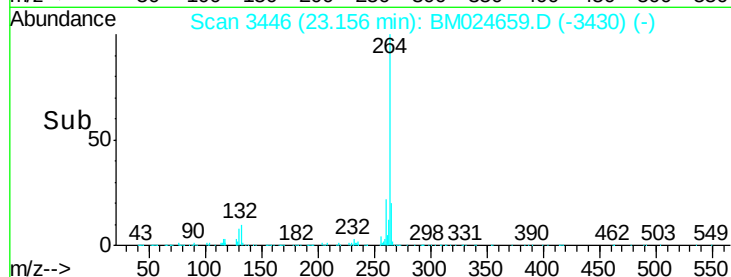
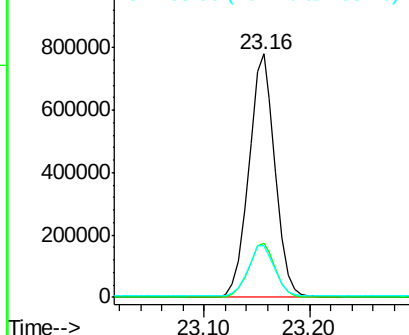
265 21.2 17.3 25.9

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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: 41.925 ng

RT: 22.54 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

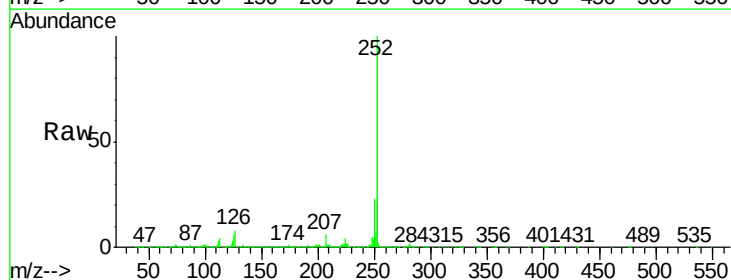
Tgt Ion:252 Resp: 3651978

Ion Ratio Lower Upper

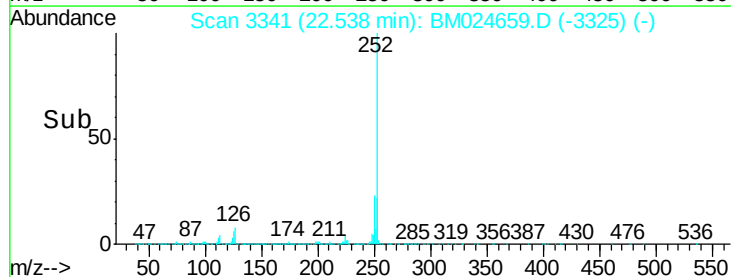
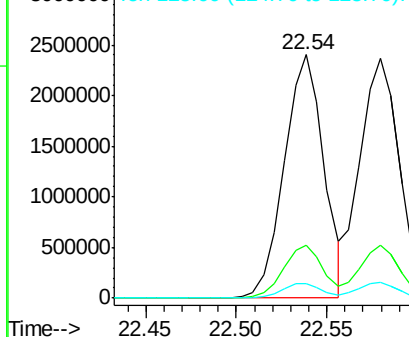
252 100

253 21.8 17.6 26.4

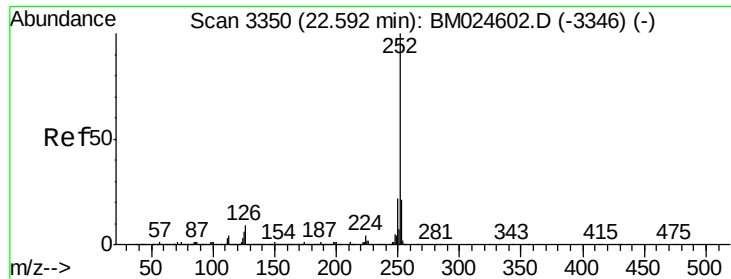
125 6.0 5.7 8.5



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







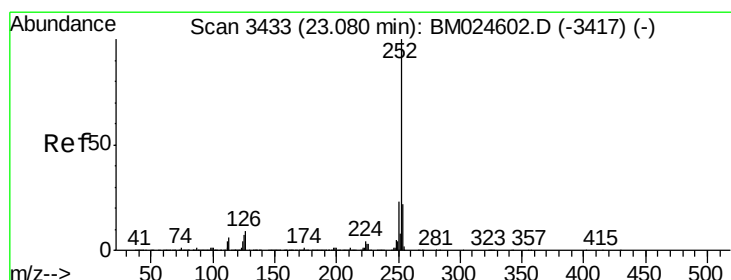
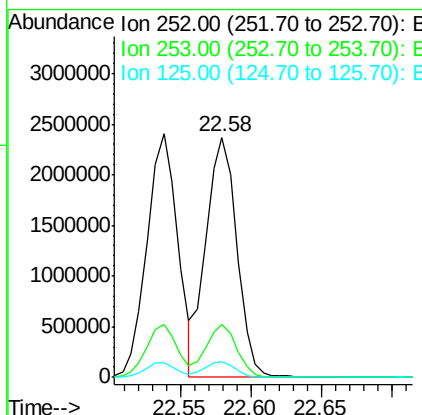
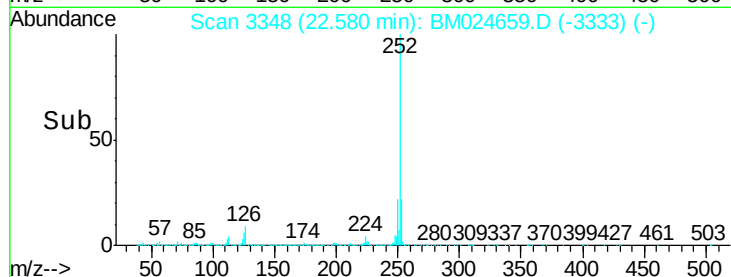
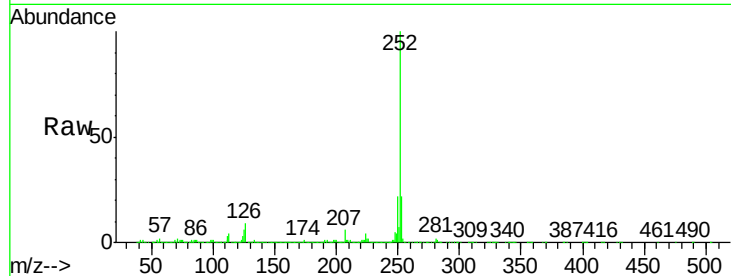
#89  
Benzo(k)fluoranthene  
Concen: 42.245 ng  
RT: 22.58 min Scan# 3348  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 3591913  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 6.4 5.2 7.8

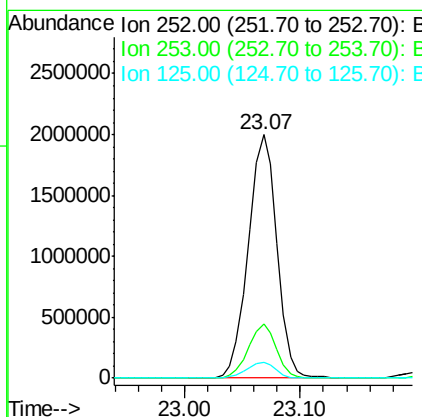
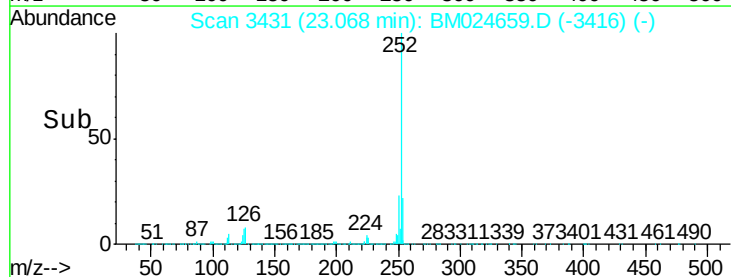
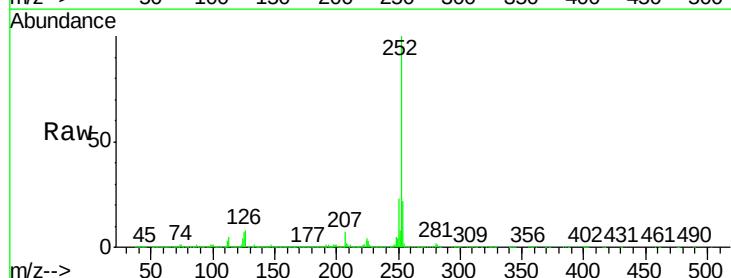
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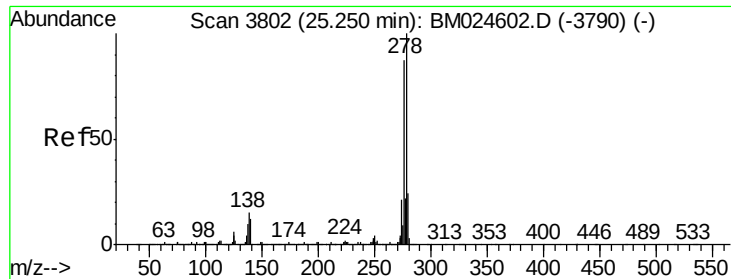
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#90  
Benzo(a)pyrene  
Concen: 43.585 ng  
RT: 23.07 min Scan# 3431  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Tgt Ion:252 Resp: 3451747  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.3 25.9  
125 6.7 5.8 8.8





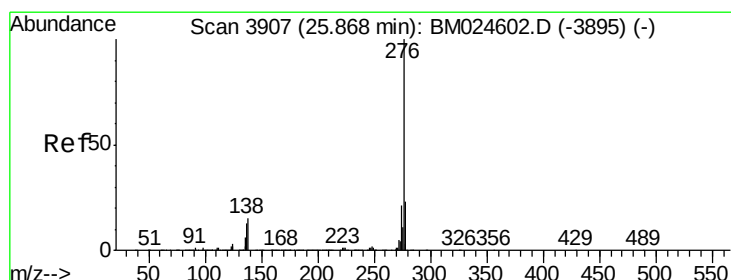
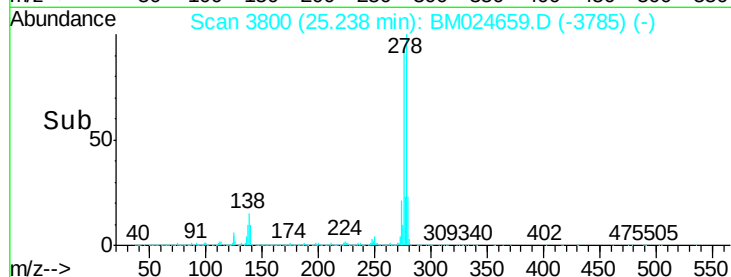
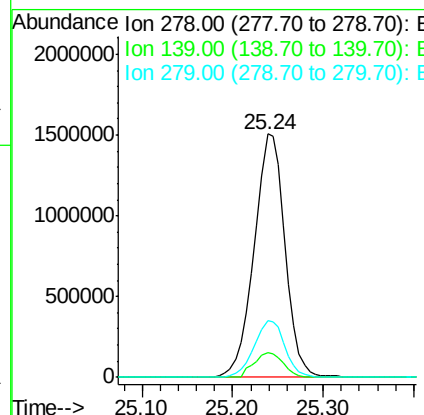
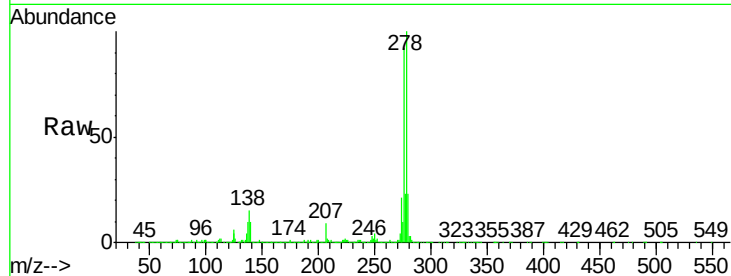
#91  
Dibenzo(a,h)anthracene  
Concen: 47.513 ng  
RT: 25.24 min Scan# 3800  
Delta R.T. -0.01 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 10.2  | 9.3   | 13.9  |
| 279     | 23.2  | 18.9  | 28.3  |

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#92  
Benzo(g,h,i)perylene  
Concen: 50.411 ng  
RT: 25.85 min Scan# 3904  
Delta R.T. -0.02 min  
Lab File: BM024659.D  
Acq: 30 Jan 2020 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.6  | 28.0  |
| 138     | 13.1  | 11.9  | 17.9  |

