

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\  
 Data File : BM026403.D  
 Acq On : 15 Jun 2020 22:09  
 Operator : JU/CG  
 Sample : L2997-01MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

Manual Integrations  
 APPROVED

mohammad  
 6/16/2020 11:05:43 AM

Quant Time: Jun 16 01:10:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 15 12:22:53 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 101849   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.16 | 136  | 421196   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.06 | 164  | 259389   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.81 | 188  | 551176   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.02 | 240  | 572964   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.11 | 264  | 604552   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.04  | 112 | 752916  | 130.70 | ng | 0.00 |
| 7) Phenol-d6                | 6.61  | 99  | 1049483 | 125.81 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.55  | 82  | 697399  | 81.30  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.56 | 330 | 402236  | 128.01 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.67 | 172 | 1436052 | 84.04  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.47 | 244 | 2296074 | 77.79  | ng | 0.00 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.02  | 88  | 106834  | 41.135 ng | 98     |
| 3) Pyridine                    | 3.40  | 79  | 288199  | 37.780 ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.32  | 42  | 167091  | 44.240 ng | 92     |
| 6) Aniline                     | 6.75  | 93  | 354601  | 32.409 ng | 97     |
| 8) 2-Chlorophenol              | 6.97  | 128 | 321776  | 48.428 ng | 99     |
| 9) Benzaldehyde                | 6.56  | 77  | 192680  | 36.225 ng | 97     |
| 10) Phenol                     | 6.64  | 94  | 441917  | 49.746 ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.85  | 93  | 307454  | 42.969 ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.29  | 146 | 331123  | 45.012 ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.43  | 146 | 339692  | 45.334 ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.75  | 146 | 326172  | 44.562 ng | 98     |
| 15) Benzyl Alcohol             | 7.65  | 79  | 311865  | 44.027 ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.95  | 45  | 549261  | 41.103 ng | 99     |
| 17) 2-Methylphenol             | 7.86  | 107 | 282547  | 43.517 ng | 98     |
| 18) Hexachloroethane           | 8.46  | 117 | 131511  | 46.343 ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.22  | 70  | 282730  | 43.495 ng | 98     |
| 20) 3+4-Methylphenols          | 8.19  | 107 | 384872  | 43.491 ng | 99     |
| 22) Acetophenone               | 8.22  | 105 | 479705  | 44.292 ng | # 98   |
| 24) Nitrobenzene               | 8.59  | 77  | 402205  | 44.789 ng | 98     |
| 25) Isophorone                 | 9.12  | 82  | 716492  | 44.458 ng | 100    |
| 26) 2-Nitrophenol              | 9.29  | 139 | 175396  | 49.353 ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.37  | 122 | 288966  | 51.505 ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.60  | 93  | 419687  | 45.901 ng | 100    |
| 29) 2,4-Dichlorophenol         | 9.83  | 162 | 302043  | 49.067 ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.03 | 180 | 312031  | 46.226 ng | 98     |
| 31) Naphthalene                | 10.21 | 128 | 972474  | 45.817 ng | 99     |
| 32) Benzoic acid               | 9.55  | 122 | 185307  | 41.819 ng | 99     |
| 33) 4-Chloroaniline            | 10.33 | 127 | 148902  | 16.084 ng | 98     |
| 34) Hexachlorobutadiene        | 10.50 | 225 | 193821  | 45.483 ng | 97     |
| 35) Caprolactam                | 11.13 | 113 | 100810m | 46.614 ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.48 | 107 | 359043  | 47.866 ng | 99     |
| 37) 2-Methylnaphthalene        | 11.83 | 142 | 705105  | 46.618 ng | 100    |
| 38) 1-Methylnaphthalene        | 12.06 | 142 | 670061  | 46.765 ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.22 | 216 | 360385  | 48.808 ng | 99     |

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 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

Manual Integrations  
 APPROVED

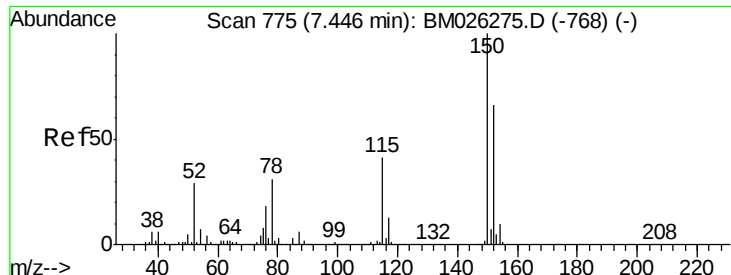
mohammad  
 6/16/2020 11:05:43 AM

Quant Time: Jun 16 01:10:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 15 12:22:53 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.20 | 237  | 418243   | 96.120 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.47 | 196  | 245460   | 49.114 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 12.55 | 196  | 263522   | 45.426 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 12.88 | 154  | 869732   | 47.826 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 12.92 | 162  | 686088   | 46.448 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.13 | 65   | 263924   | 45.083 | ng    | 96       |
| 49) Acenaphthylene             | 13.77 | 152  | 1103878  | 46.724 | ng    | 99       |
| 50) Dimethylphthalate          | 13.54 | 163  | 1117149  | 58.883 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.65 | 165  | 191399   | 45.974 | ng    | 97       |
| 52) Acenaphthene               | 14.12 | 154  | 657681   | 46.371 | ng    | 99       |
| 53) 3-Nitroaniline             | 13.97 | 138  | 126315   | 27.247 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.20 | 184  | 228584   | 90.340 | ng    | 97       |
| 55) Dibenzofuran               | 14.46 | 168  | 1047028  | 45.817 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.32 | 139  | 339965   | 92.473 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.45 | 165  | 269015   | 46.473 | ng    | 98       |
| 58) Fluorene                   | 15.12 | 166  | 857292   | 46.186 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.70 | 232  | 239497   | 48.267 | ng    | 100      |
| 60) Diethylphthalate           | 14.92 | 149  | 869777   | 45.009 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.12 | 204  | 433812   | 44.062 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.15 | 138  | 205298   | 41.525 | ng    | 99       |
| 63) Azobenzene                 | 15.42 | 77   | 969986   | 45.877 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.22 | 198  | 156364   | 46.652 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.34 | 169  | 744446   | 46.623 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.02 | 248  | 263312   | 43.397 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.13 | 284  | 293829   | 46.409 | ng    | 96       |
| 69) Atrazine                   | 16.31 | 200  | 242535   | 50.843 | ng    | 98       |
| 70) Pentachlorophenol          | 16.47 | 266  | 366661   | 96.167 | ng    | 99       |
| 71) Phenanthrene               | 16.85 | 178  | 1344107  | 46.828 | ng    | 99       |
| 72) Anthracene                 | 16.94 | 178  | 1371070  | 47.862 | ng    | 99       |
| 73) Carbazole                  | 17.22 | 167  | 1236570  | 45.520 | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.80 | 149  | 1517647  | 47.372 | ng    | 99       |
| 75) Fluoranthene               | 18.88 | 202  | 1651629  | 50.190 | ng    | 99       |
| 77) Benzidine                  | 19.08 | 184  | 929606   | 78.109 | ng    | 100      |
| 78) Pyrene                     | 19.24 | 202  | 1659149  | 43.826 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.18 | 149  | 692185   | 45.214 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.00 | 228  | 1589702  | 46.223 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 20.94 | 252  | 395208   | 37.142 | ng    | 99       |
| 83) Chrysene                   | 21.06 | 228  | 1554339  | 47.426 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.97 | 149  | 1045915  | 47.914 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 21.82 | 149  | 1790391  | 53.168 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.16 | 276  | 1873047  | 53.560 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.50 | 252  | 1709526  | 47.007 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.54 | 252  | 1527128  | 43.223 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.02 | 252  | 1492635  | 46.212 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.17 | 278  | 1559404  | 53.412 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.77 | 276  | 1529261  | 55.044 | ng    | 99       |

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





#1

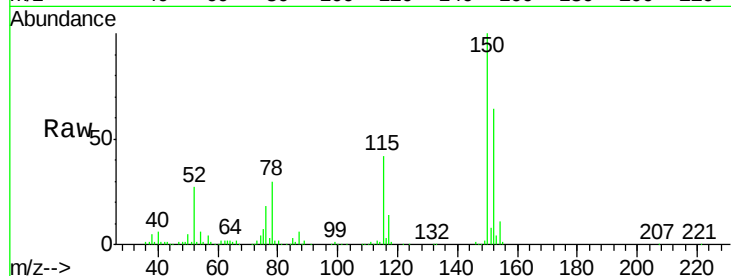
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.40 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampled :  
294MSD

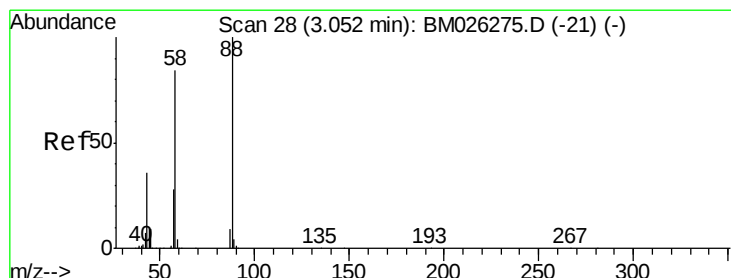
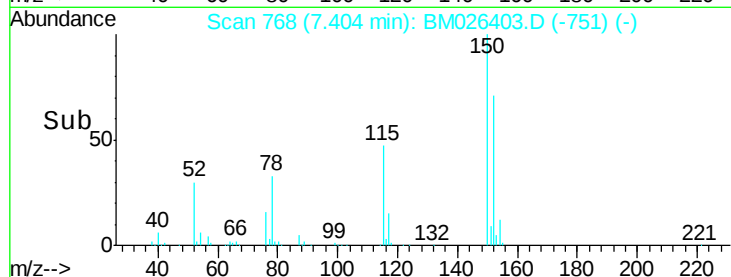
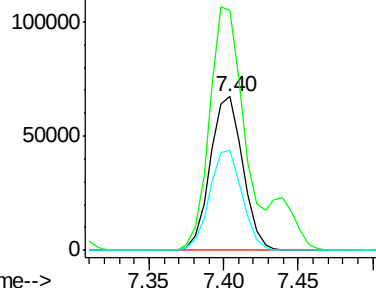
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 127.8 | 191.6 |
| 115     | 65.3  | 51.5  | 77.3  |

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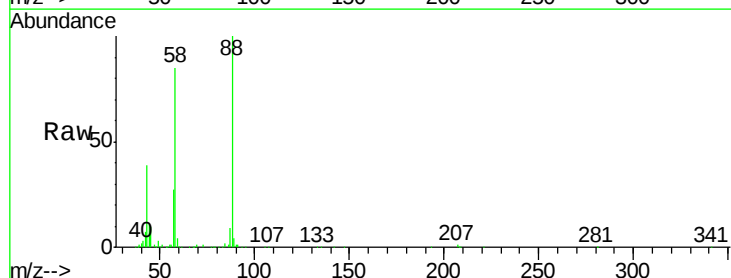
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



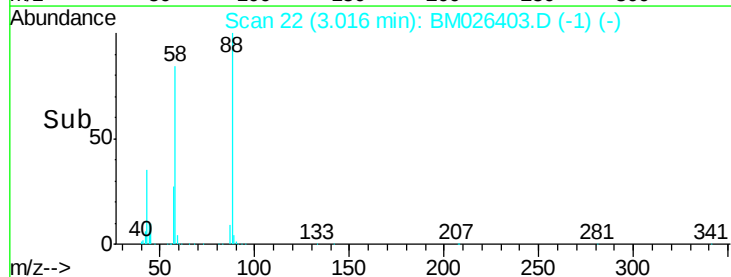
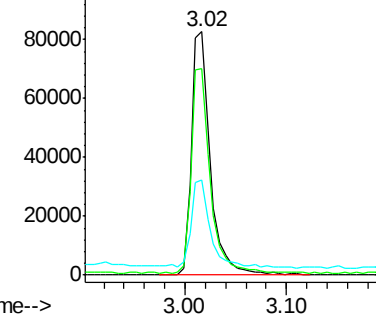
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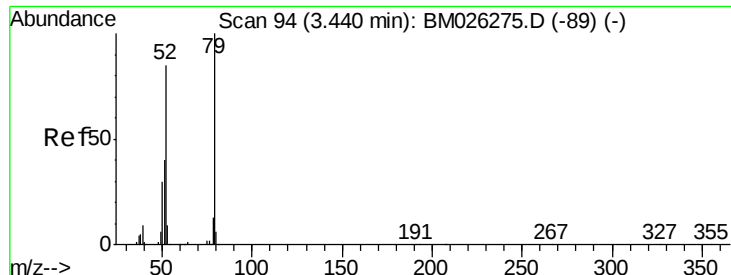
1,4-Dioxane  
Concen: 41.135 ng  
RT: 3.02 min Scan# 22  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 83.4  | 67.7  | 101.5 |
| 43      | 36.2  | 28.0  | 42.0  |



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





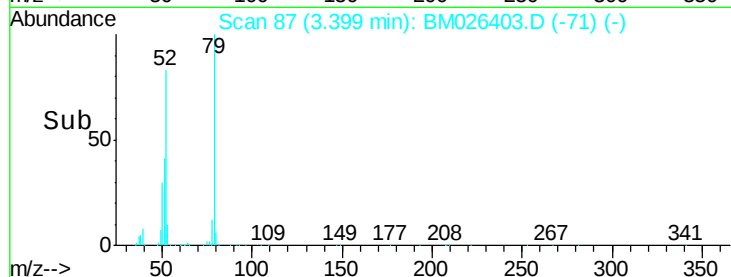
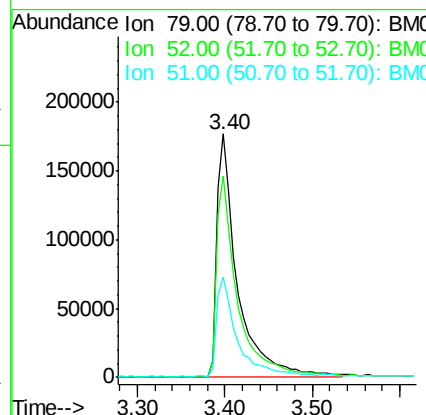
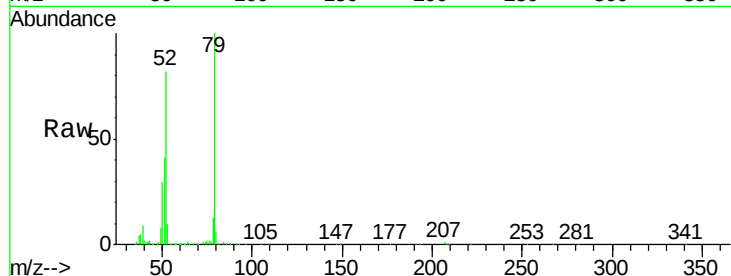
#3  
 Pvridine  
 Concen: 37.780 ng  
 RT: 3.40 min Scan# 87  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 82.5  | 67.4  | 101.2 |
| 51      | 41.2  | 33.0  | 49.6  |

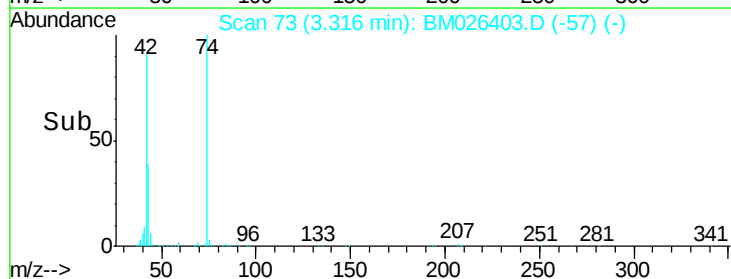
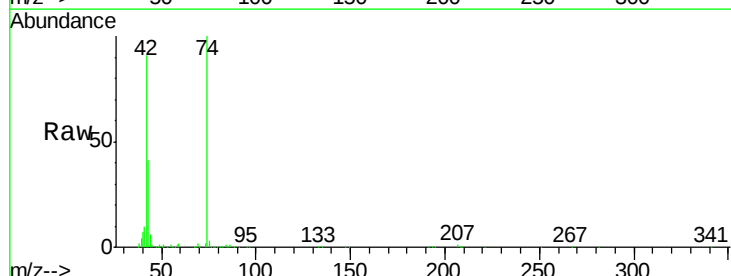
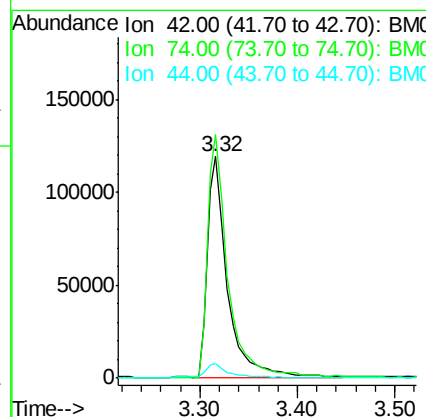
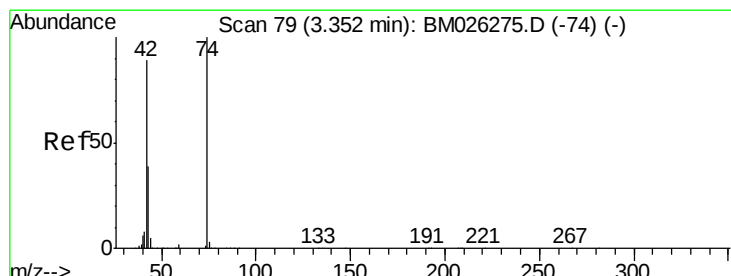
Manual Integrations  
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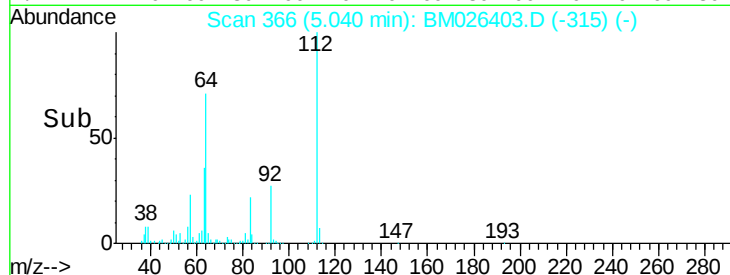
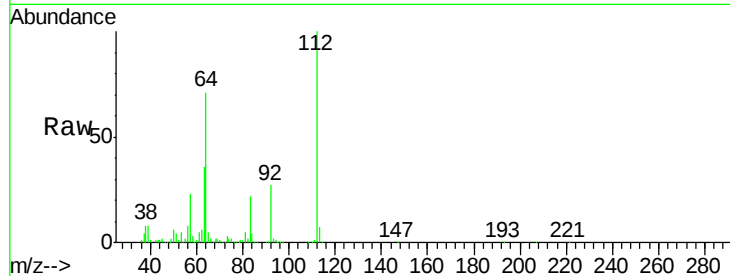
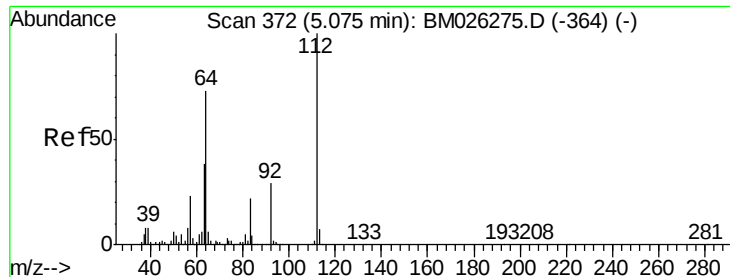
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#4  
 n-Nitrosodimethylamine  
 Concen: 44.240 ng  
 RT: 3.32 min Scan# 73  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 109.8 | 95.4  | 143.2 |
| 44      | 6.7   | 5.9   | 8.9   |





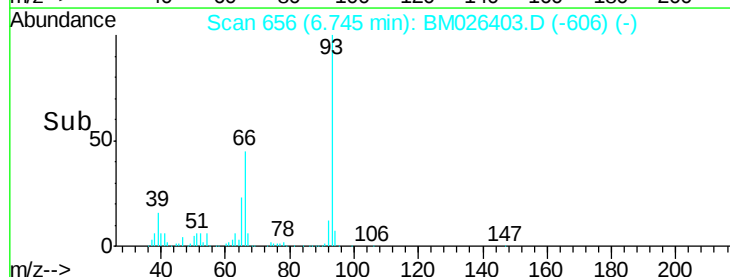
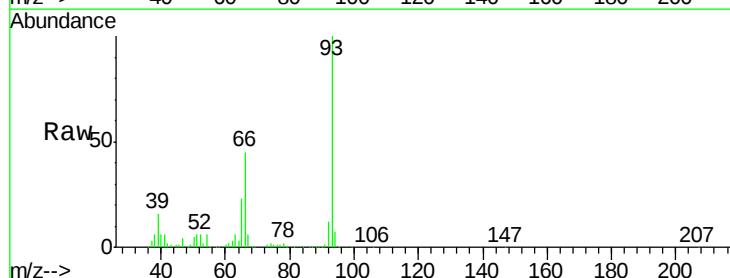
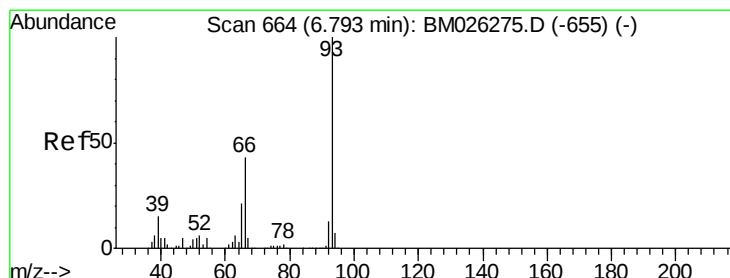
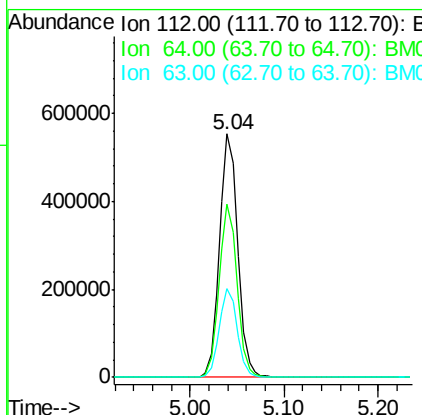
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2-Fluorophenol  
Concen: 130.702 ng  
RT: 5.04 min Scan# 366  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 752916 |       |       |
| 64      | 71.1  | 56.0   | 84.0  |       |
| 63      | 36.4  | 29.0   | 43.6  |       |

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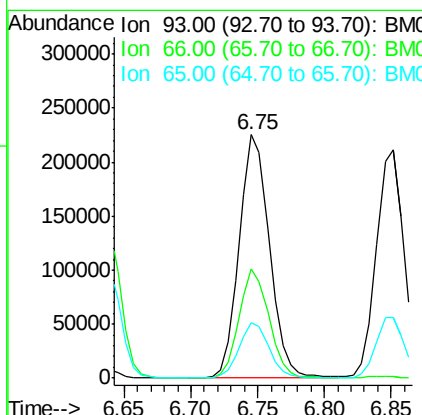
Manual Integrations  
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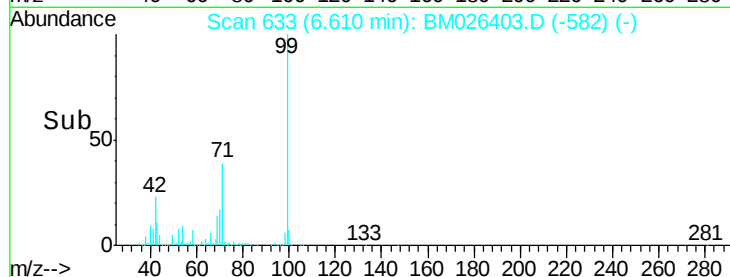
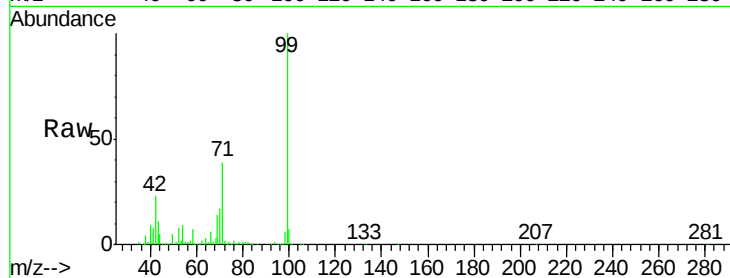
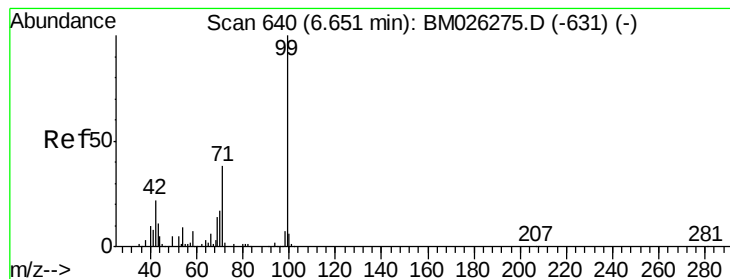
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#6  
Aniline  
Concen: 32.409 ng  
RT: 6.75 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 354601 |       |       |
| 66      | 44.6  | 34.1   | 51.1  |       |
| 65      | 23.0  | 17.5   | 26.3  |       |





#7

Phenol-d6

Concen: 125.813 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1049483 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 23.0  | 17.8  | 26.6    |
| 71       | 39.1  | 31.0  | 46.4    |

Instrument :

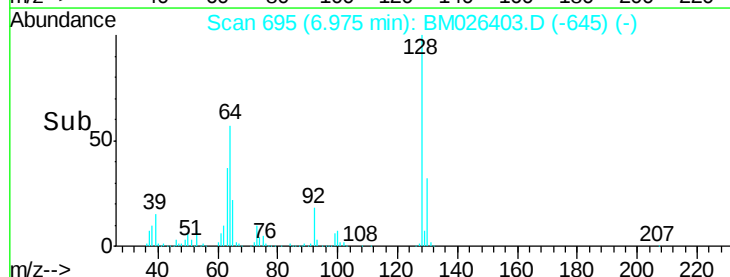
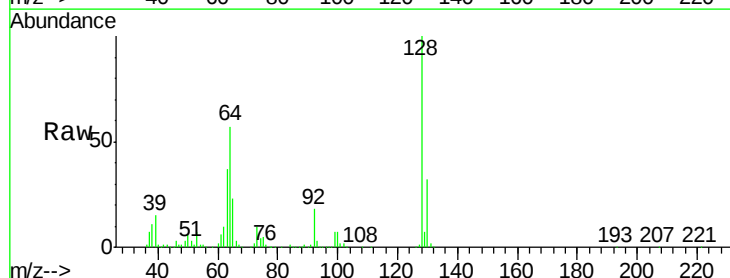
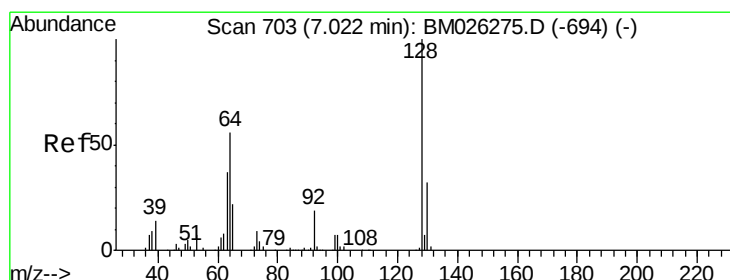
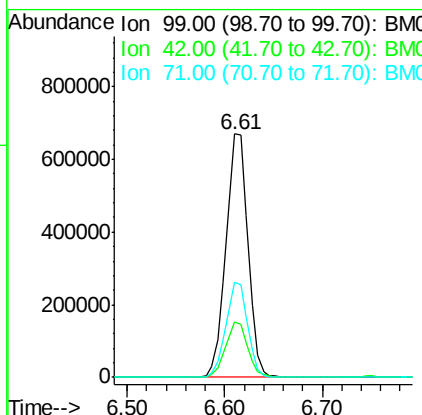
BNA\_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 48.428 ng

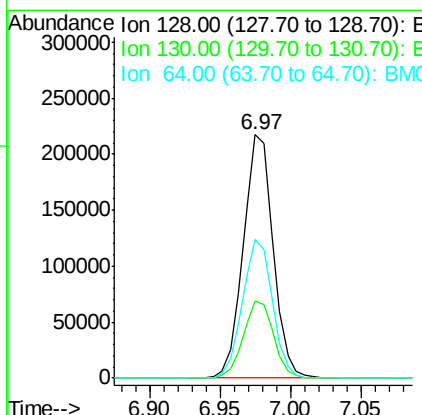
RT: 6.97 min Scan# 695

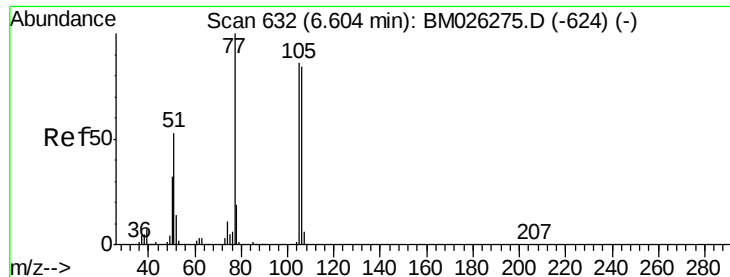
Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 321776 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.7  | 12.3  | 52.3   |
| 64       | 56.9  | 36.4  | 76.4   |





#9

Benzaldehyde

Concen: 36.225 ng

RT: 6.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

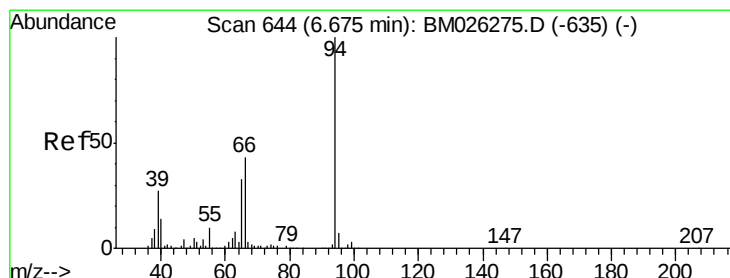
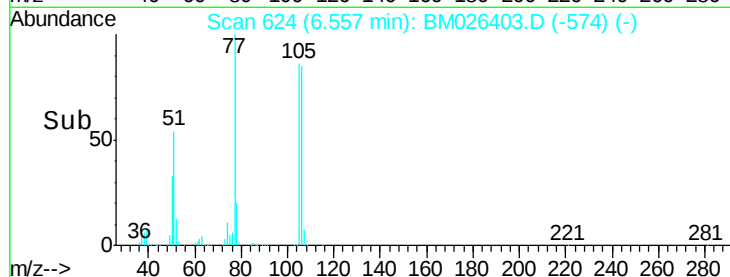
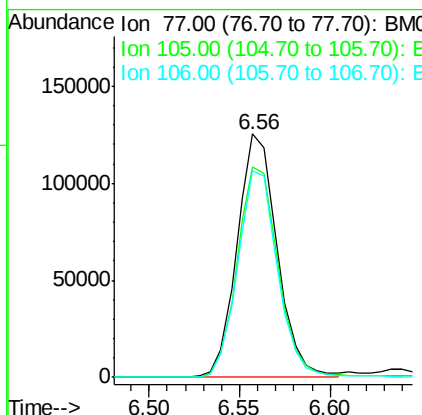
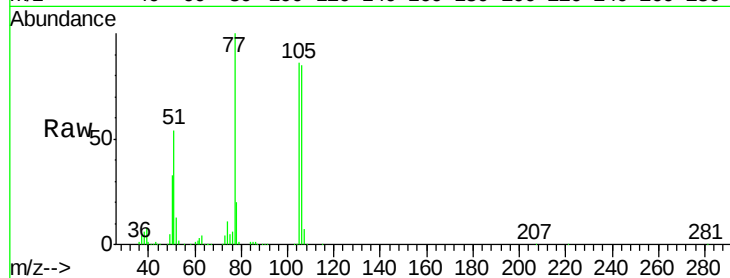
ClientSampleId :

294MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 192680 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 86.3  | 71.5  | 111.5  |
| 106      | 84.6  | 64.7  | 104.7  |

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#10

Phenol

Concen: 49.746 ng

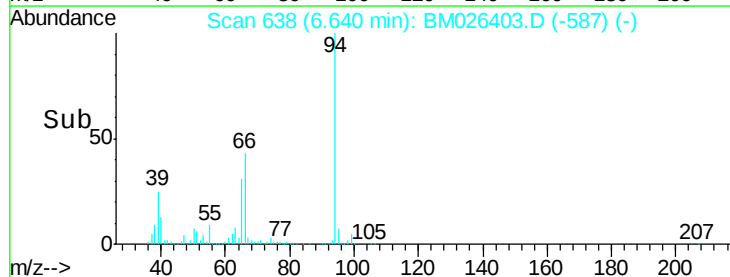
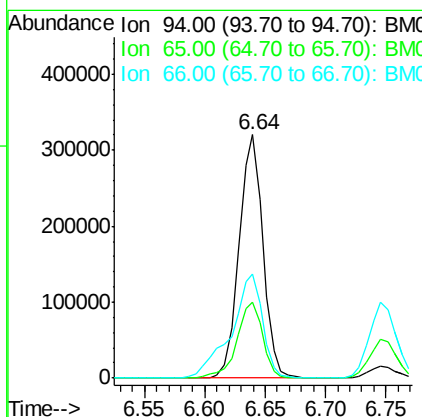
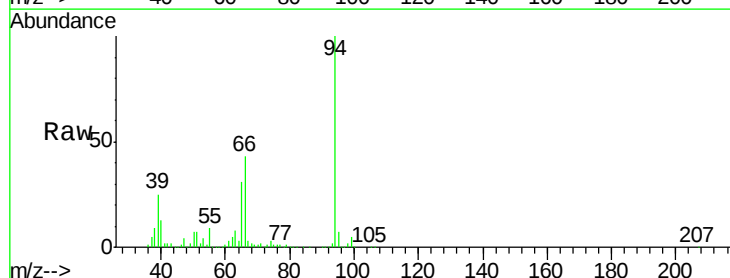
RT: 6.64 min Scan# 638

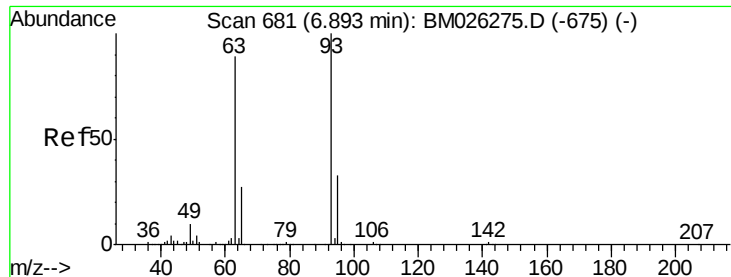
Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 441917 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.3  | 11.4  | 51.4   |
| 66       | 42.6  | 21.7  | 61.7   |





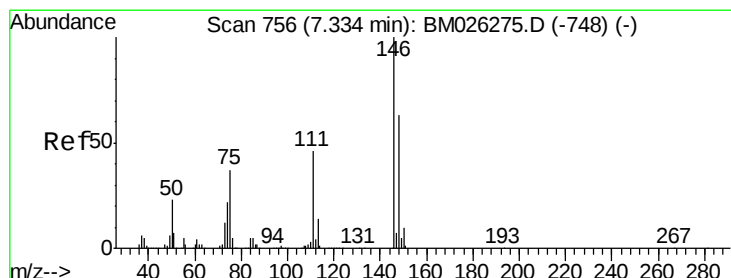
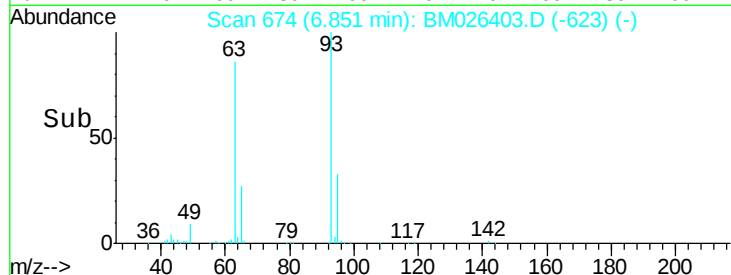
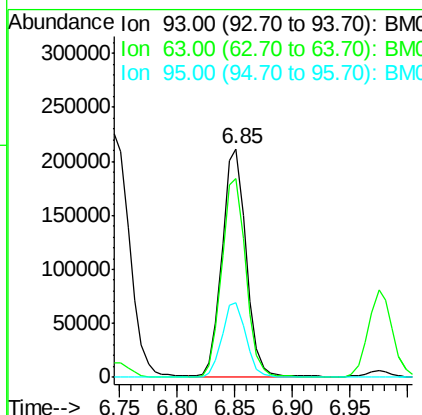
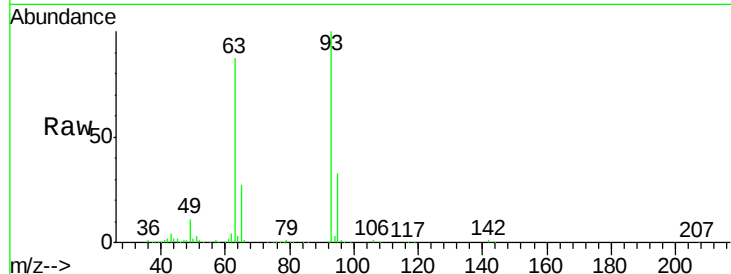
#11  
bis(2-Chloroethyl)ether  
Concen: 42.969 ng  
RT: 6.85 min Scan# 674  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.3  | 66.7  | 106.7 |
| 95      | 32.6  | 14.5  | 54.5  |

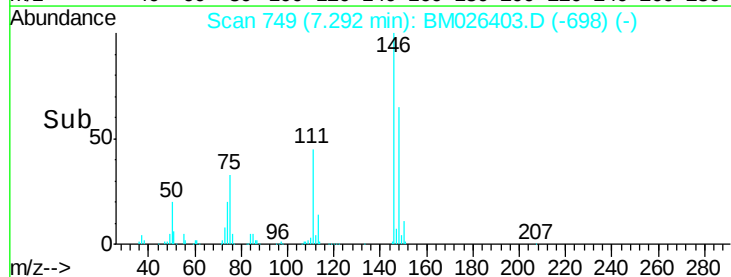
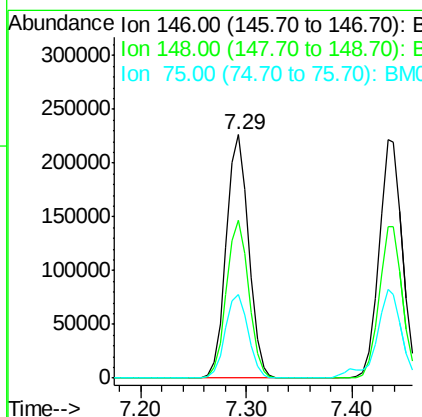
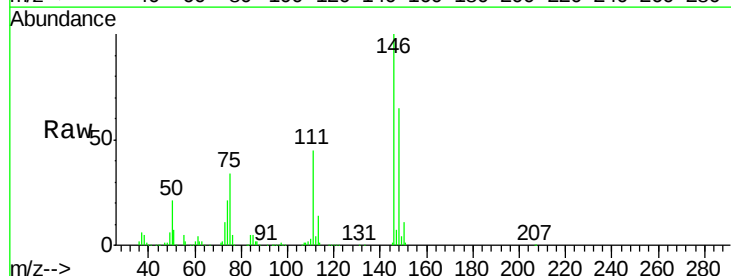
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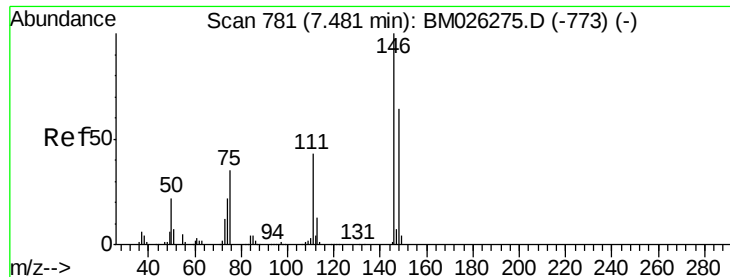
mohammad  
6/16/2020 11:05:43 AM



#12  
1,3-Dichlorobenzene  
Concen: 45.012 ng  
RT: 7.29 min Scan# 749  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 50.3  | 75.5  |
| 75      | 34.2  | 29.0  | 43.6  |





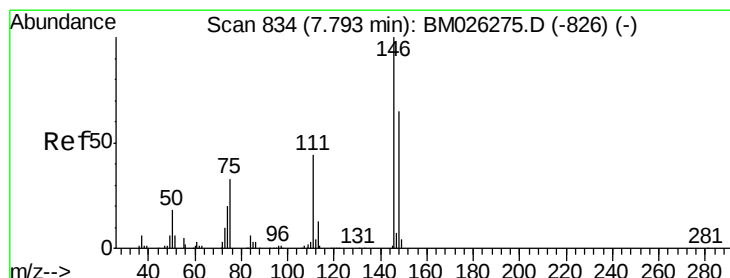
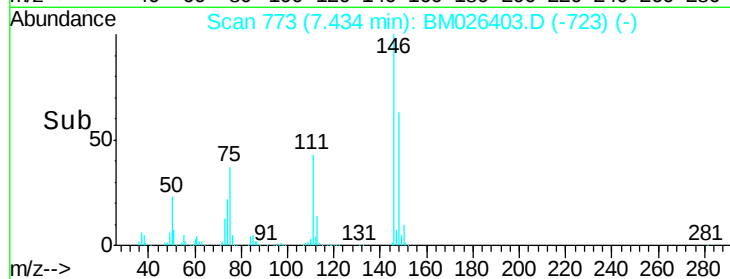
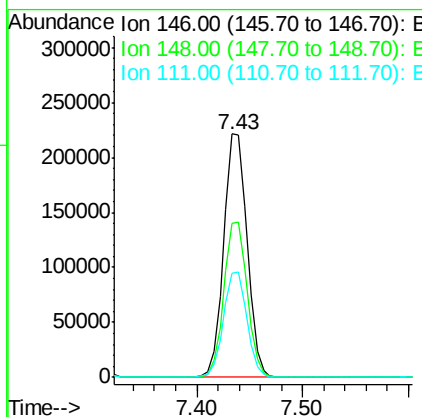
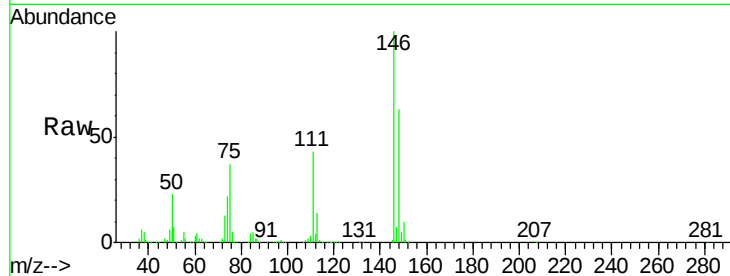
#13  
 1,4-Dichlorobenzene  
 Concen: 45.334 ng  
 RT: 7.43 min Scan# 773  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleID :  
 294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 52.2  | 78.2  |
| 111     | 42.5  | 34.9  | 52.3  |

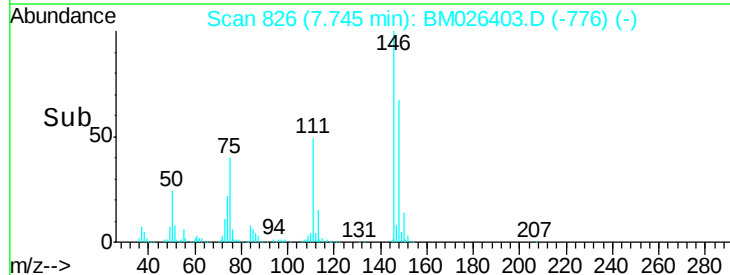
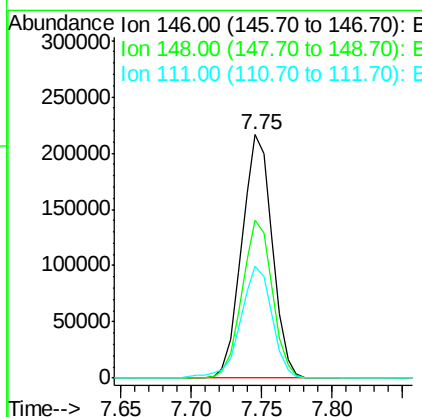
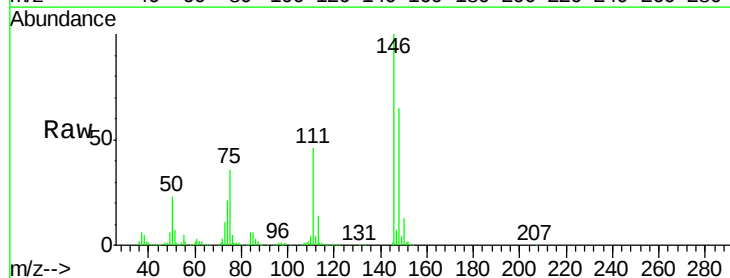
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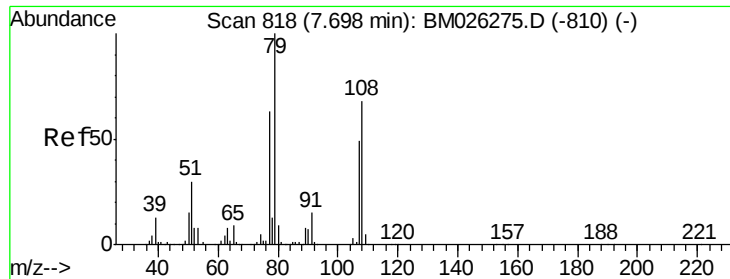
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 44.562 ng  
 RT: 7.75 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 50.8  | 76.2  |
| 111     | 45.8  | 35.4  | 53.0  |





#15

Benzyl Alcohol

Concen: 44.027 ng

RT: 7.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

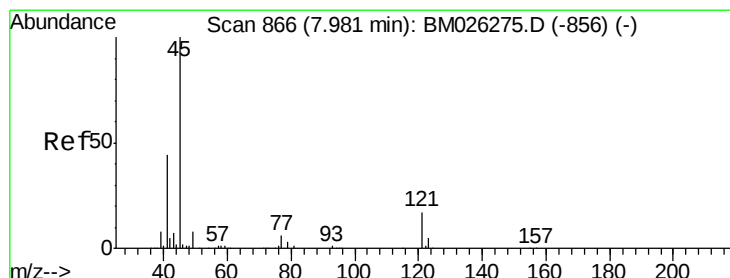
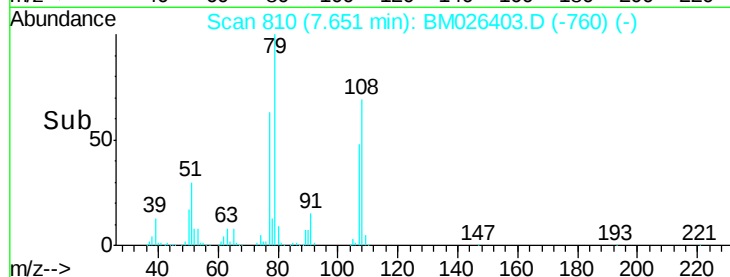
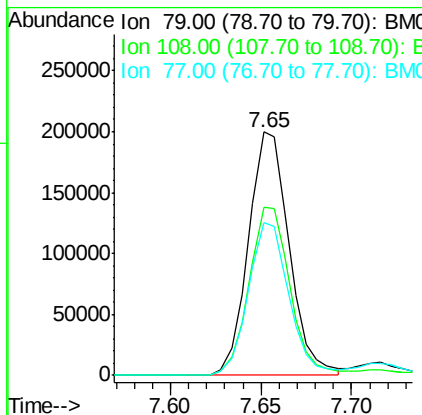
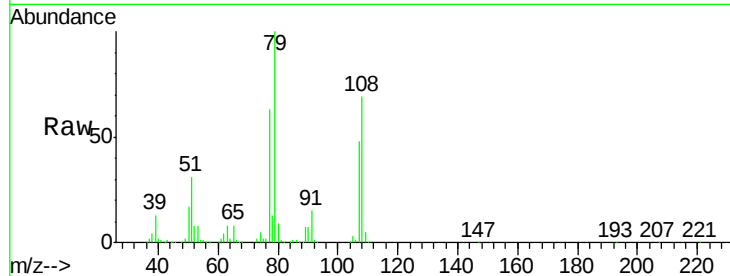
ClientSampled :

294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 311865 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 68.8  | 54.6  | 82.0   |
| 77        | 62.6  | 51.0  | 76.4   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.103 ng

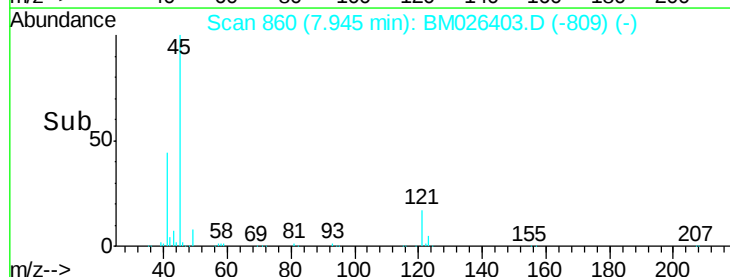
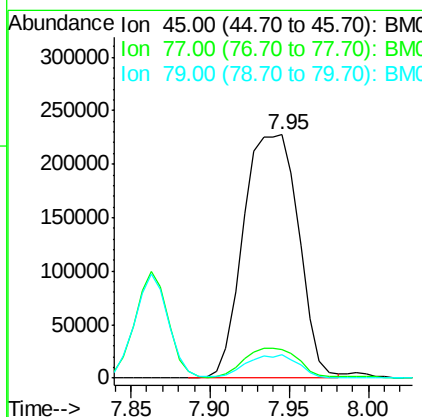
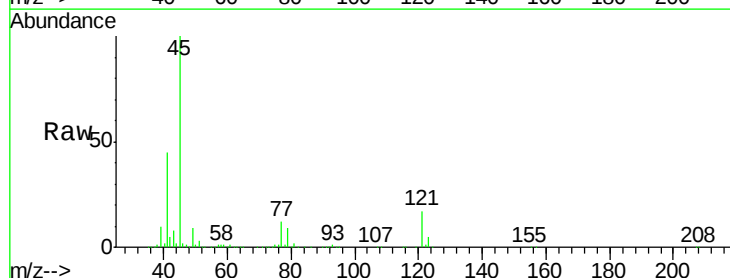
RT: 7.95 min Scan# 860

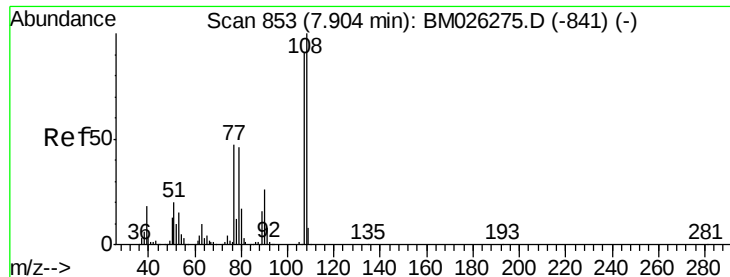
Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 549261 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.8  | 0.0   | 31.8   |
| 79        | 9.4   | 0.0   | 28.9   |





#17

2-Methylphenol

Concen: 43.517 ng

RT: 7.86 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

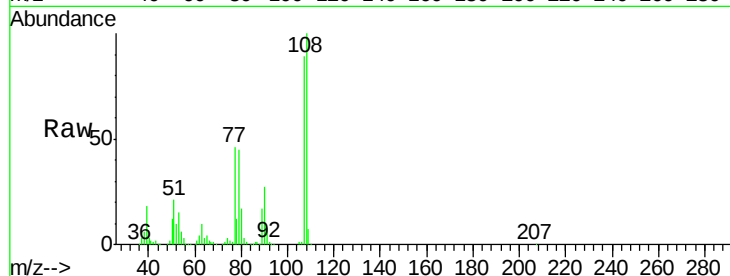
ClientSampleId :

294MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.3 | 88.5 | 132.7 |       |
| 77      | 52.1  | 40.6 | 60.8  |       |
| 79      | 50.7  | 39.6 | 59.4  |       |

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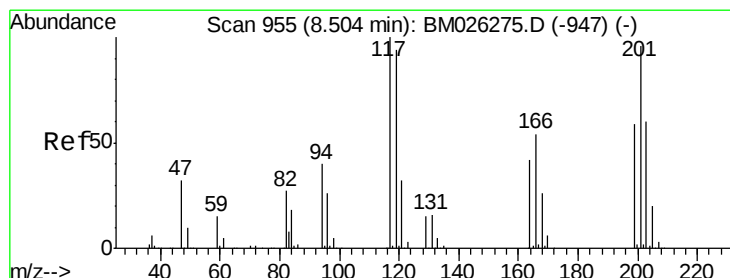
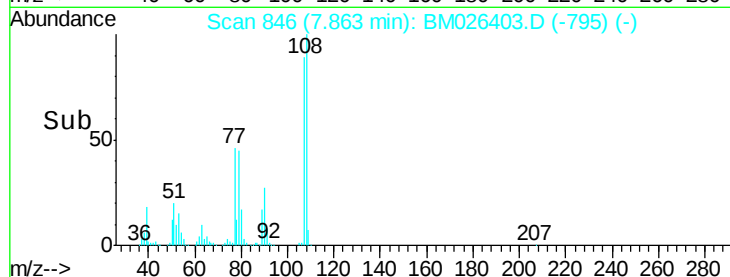
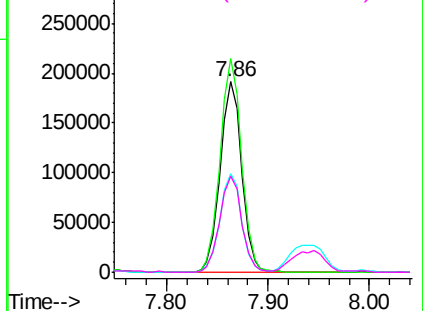


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 46.343 ng

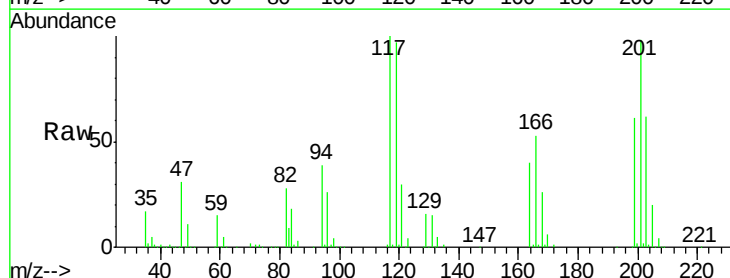
RT: 8.46 min Scan# 947

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

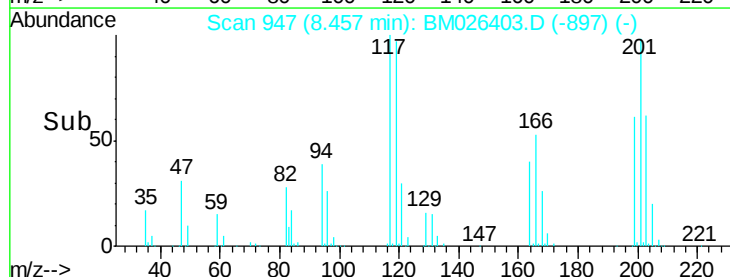
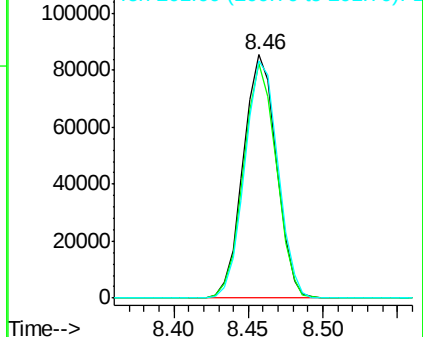
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.5  | 77.8 | 116.6 |       |
| 201     | 97.6  | 79.9 | 119.9 |       |

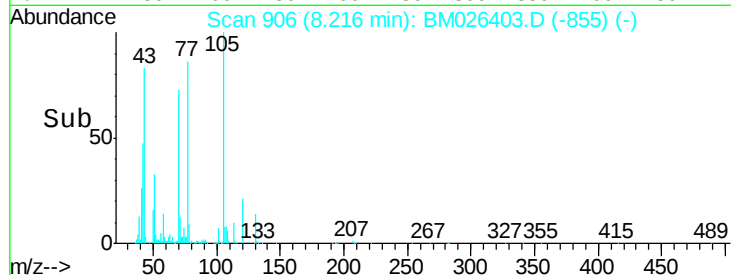
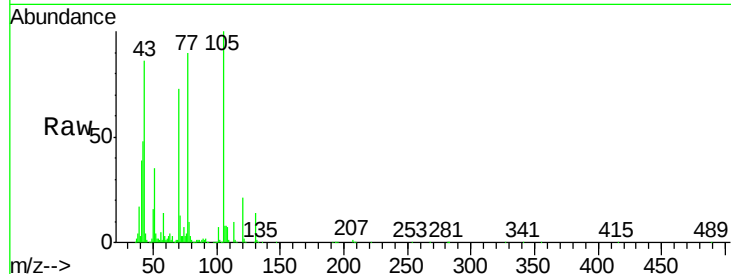
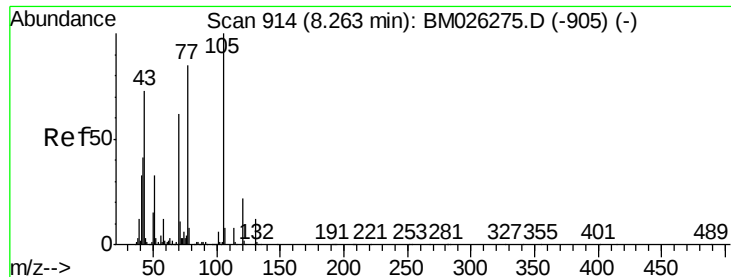


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





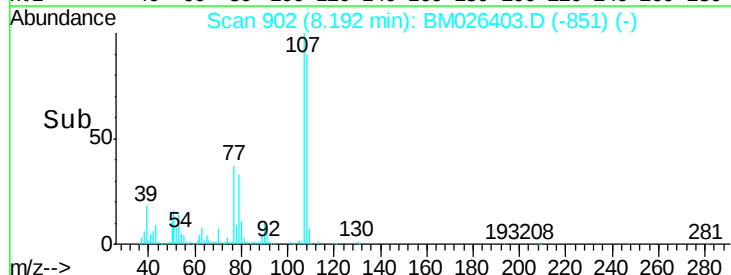
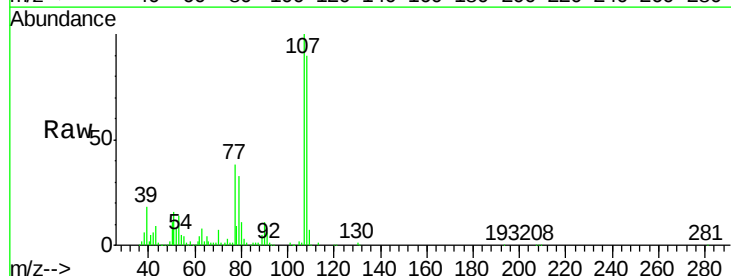
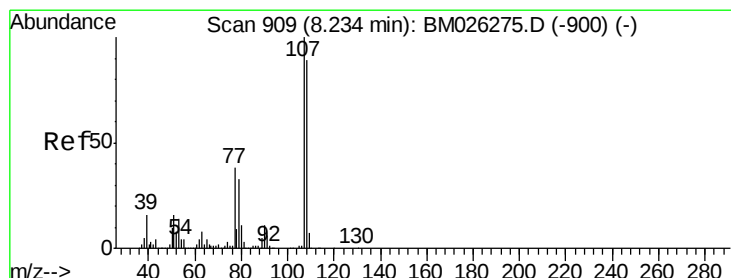
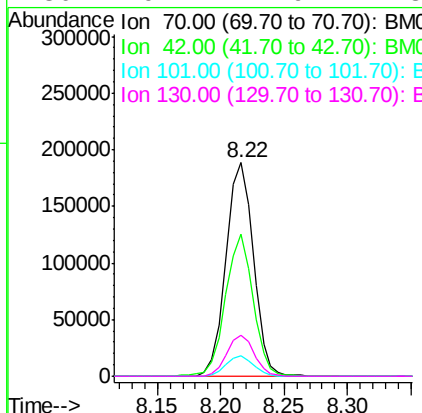
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.495 ng  
RT: 8.22 min Scan# 906  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

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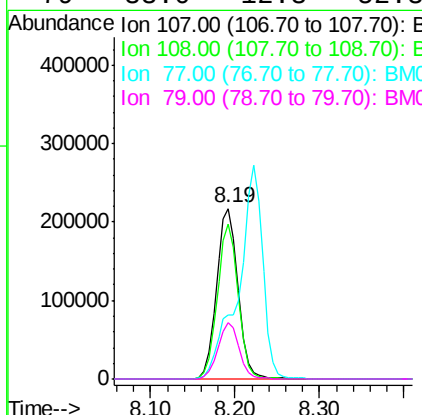
mohammad  
6/16/2020 11:05:43 AM

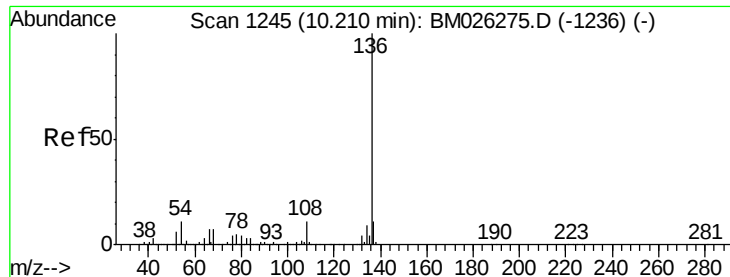
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 66.6  | 52.2  | 78.4  |
| 101     | 9.4   | 7.0   | 10.6  |
| 130     | 19.2  | 14.9  | 22.3  |



#20  
3+4-Methylphenols  
Concen: 43.491 ng  
RT: 8.19 min Scan# 902  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.3  | 70.4  | 110.4 |
| 77      | 37.8  | 17.3  | 57.3  |
| 79      | 33.0  | 12.3  | 52.3  |





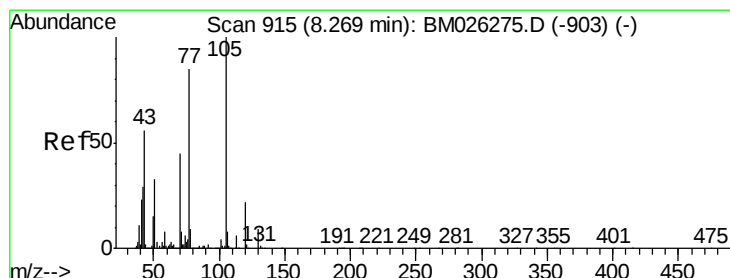
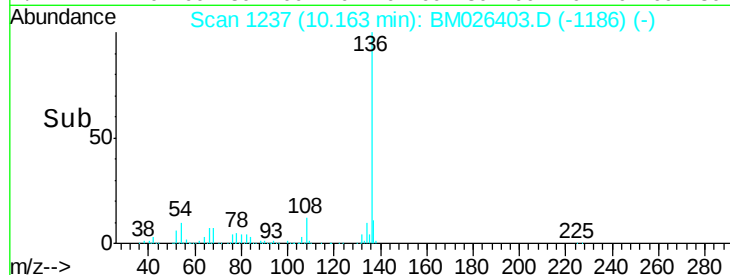
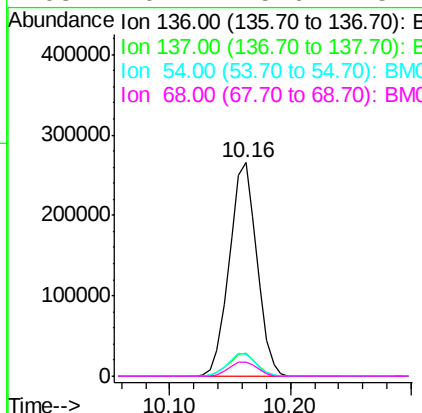
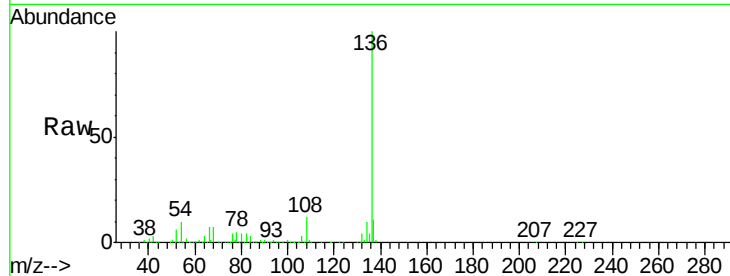
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.16 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 421196 |       |       |
| 137     | 10.6 |       | 8.5    | 12.7  |       |
| 54      | 10.1 |       | 9.0    | 13.6  |       |
| 68      | 6.7  |       | 5.6    | 8.4   |       |

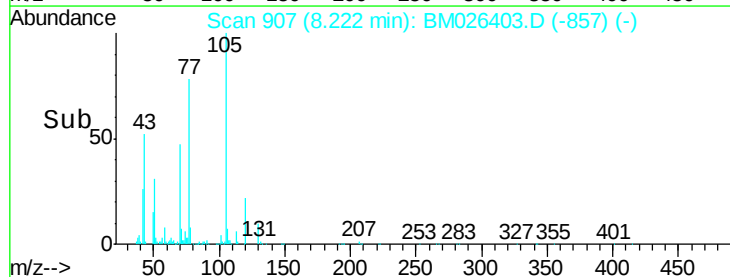
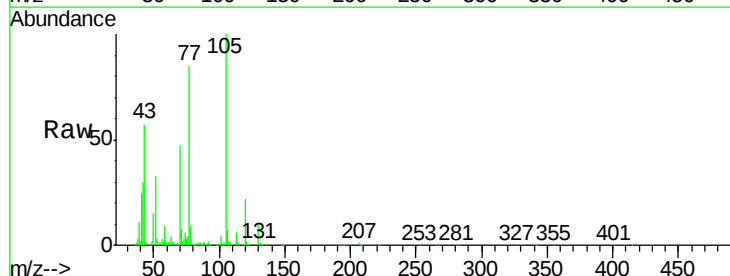
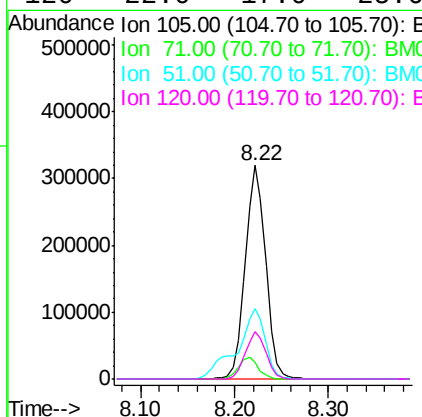
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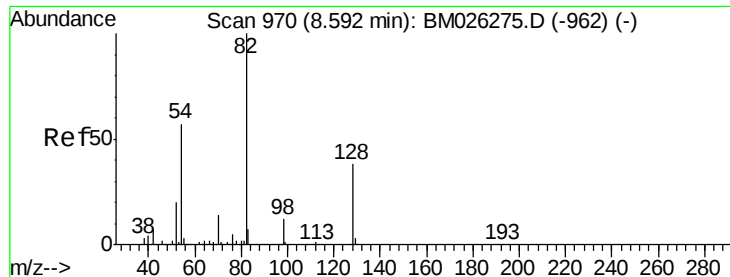
mohammad  
6/16/2020 11:05:43 AM



#22  
Acetophenone  
Concen: 44.292 ng  
RT: 8.22 min Scan# 907  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 479705 |       |       |
| 71      | 7.5  |       | 4.5    | 6.7#  |       |
| 51      | 32.8 |       | 25.2   | 37.8  |       |
| 120     | 22.0 |       | 17.0   | 25.6  |       |





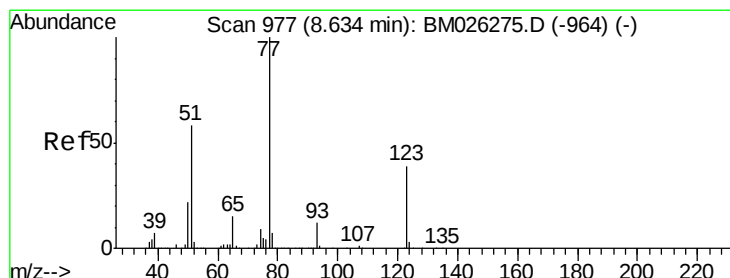
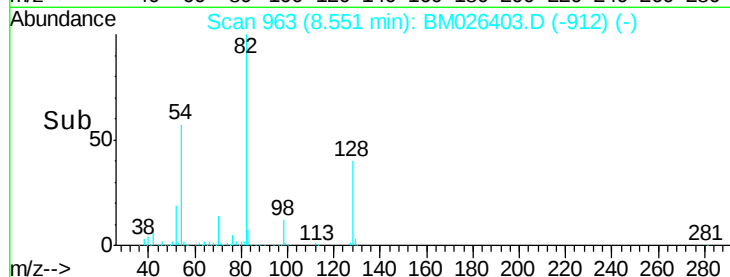
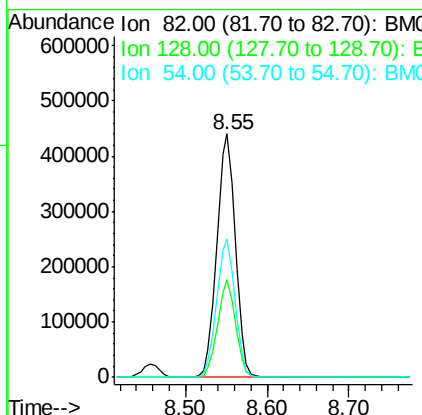
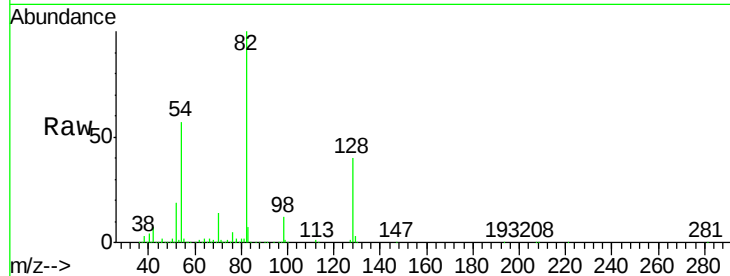
#23  
Nitrobenzene-d5  
Concen: 81.297 ng  
RT: 8.55 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.3  | 31.0  | 46.6  |
| 54      | 57.2  | 45.4  | 68.2  |

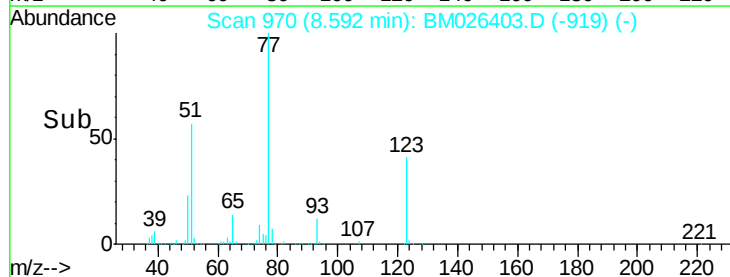
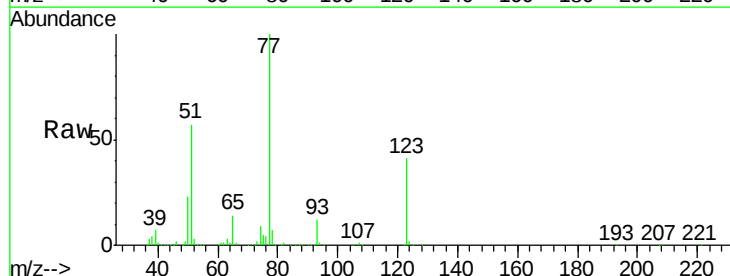
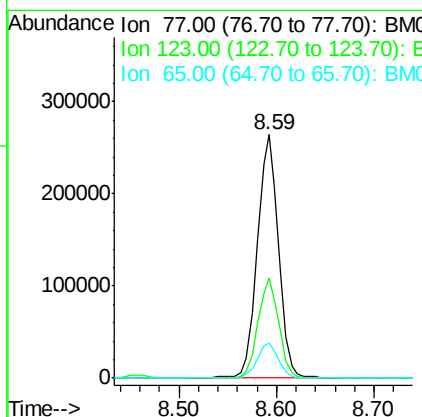
Manual Integrations  
APPROVED

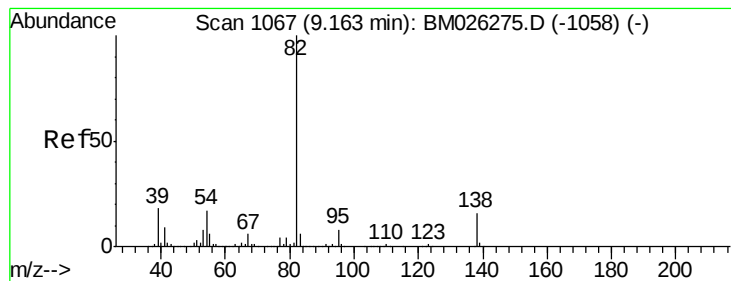
mohammad  
6/16/2020 11:05:43 AM



#24  
Nitrobenzene  
Concen: 44.789 ng  
RT: 8.59 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.0  | 32.0  | 48.0  |
| 65      | 14.4  | 11.8  | 17.8  |





#25

Isophorone

Concen: 44.458 ng

RT: 9.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

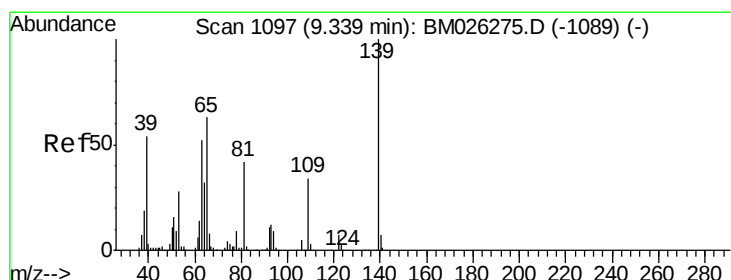
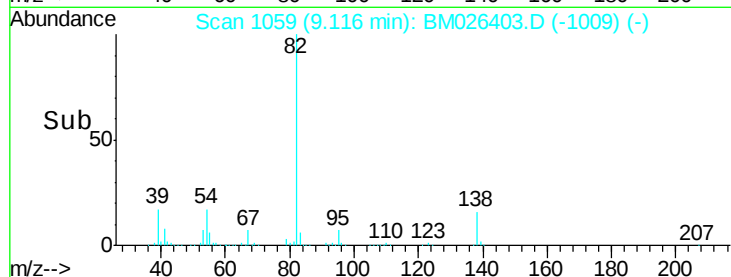
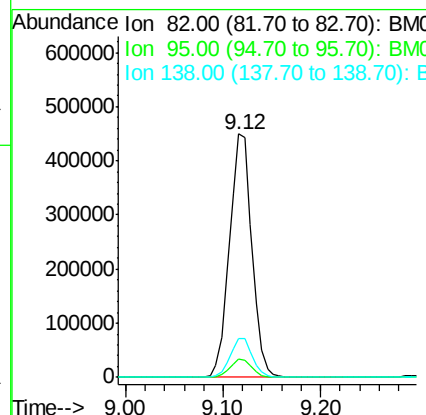
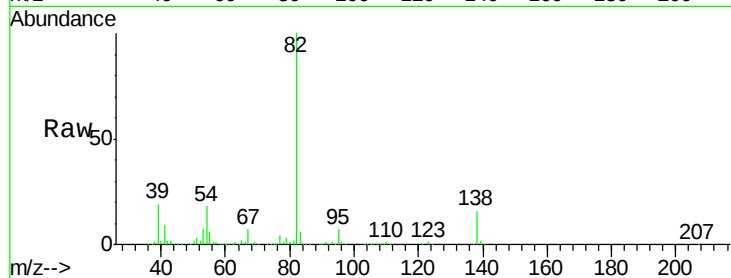
ClientSampleId :

294MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 716492 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.4  | 6.0   | 9.0    |
| 138       | 16.0 | 12.7  | 19.1   |

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#26

2-Nitrophenol

Concen: 49.353 ng

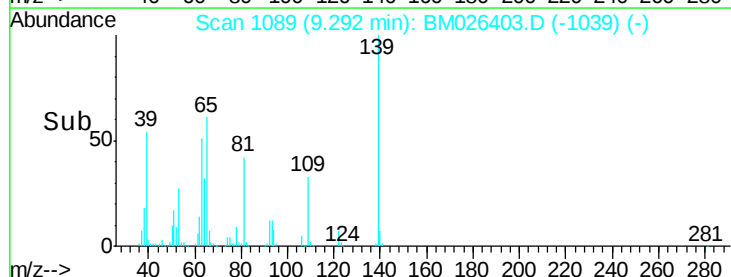
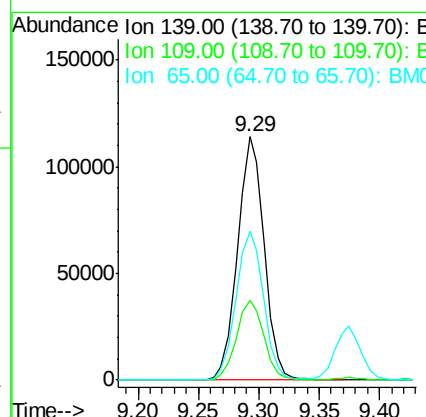
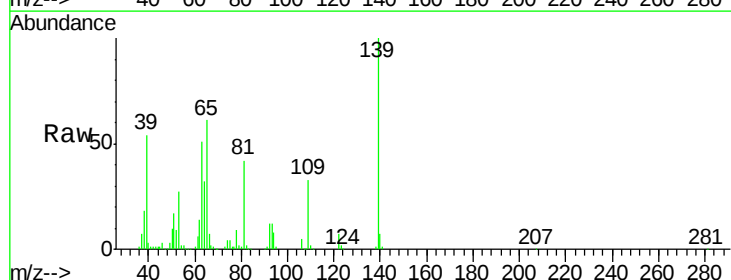
RT: 9.29 min Scan# 1089

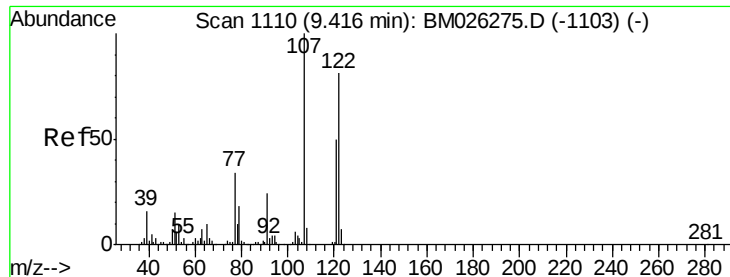
Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 175396 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 33.0 | 25.2  | 37.8   |
| 65        | 61.1 | 47.1  | 70.7   |





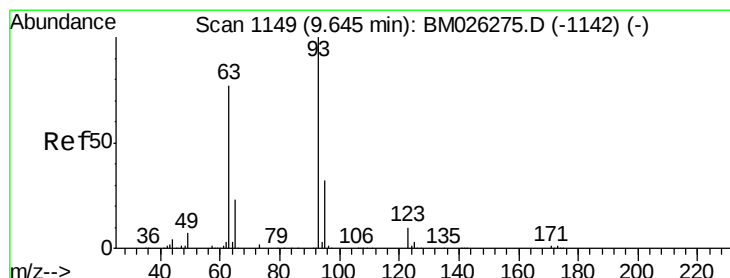
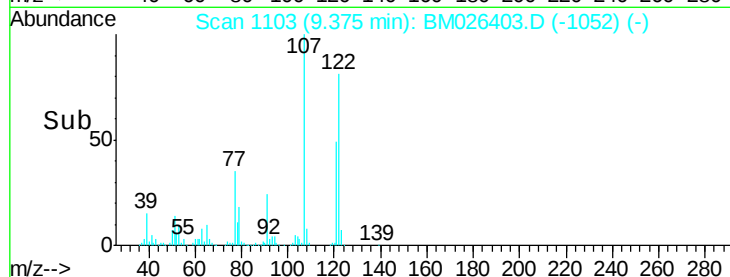
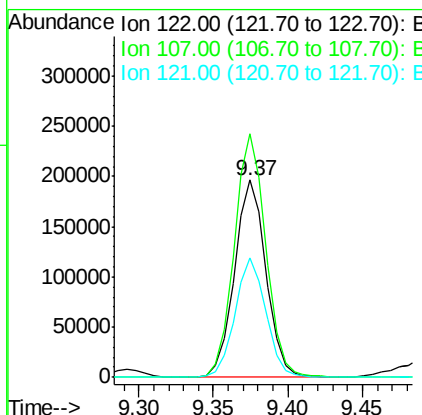
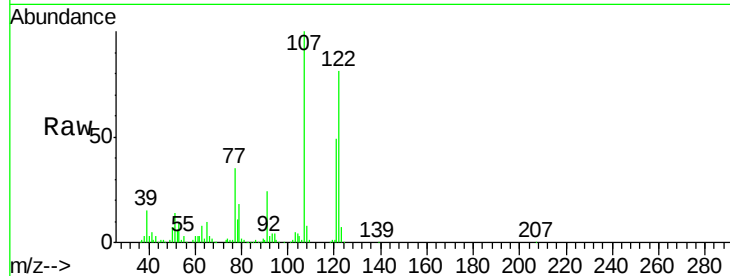
#27  
 2,4-Dimethylphenol  
 Concen: 51.505 ng  
 RT: 9.37 min Scan# 1103  
 Delta R.T. 0.00 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 288966 |       |       |
| 107     | 123.4 | 96.1   | 144.1 |       |
| 121     | 60.4  | 46.0   | 69.0  |       |

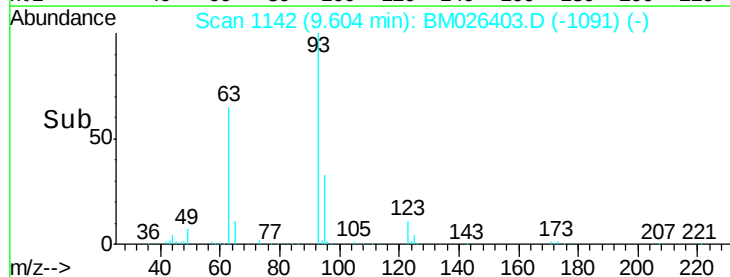
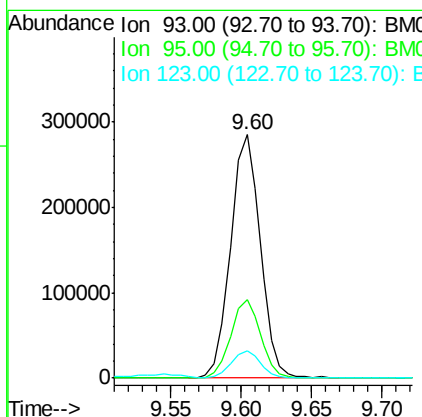
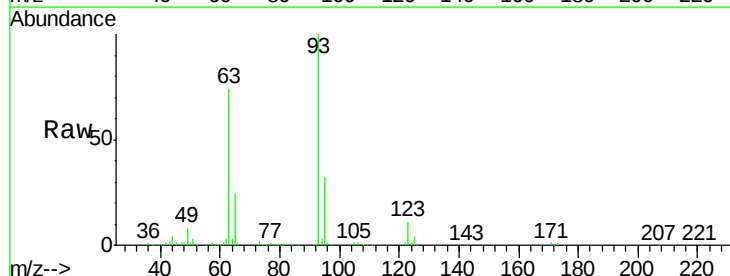
Manual Integrations  
 APPROVED

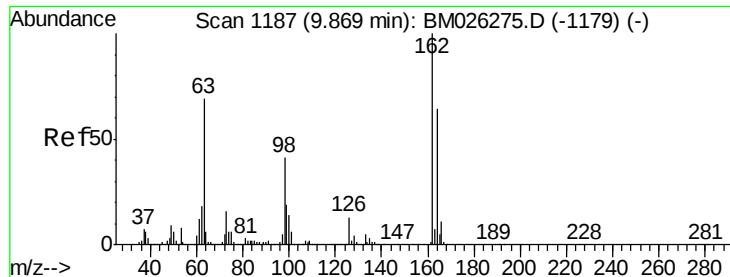
mohammad  
 6/16/2020 11:05:43 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.901 ng  
 RT: 9.60 min Scan# 1142  
 Delta R.T. 0.00 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 419687 |       |       |
| 95      | 32.3  | 25.9   | 38.9  |       |
| 123     | 11.0  | 8.9    | 13.3  |       |





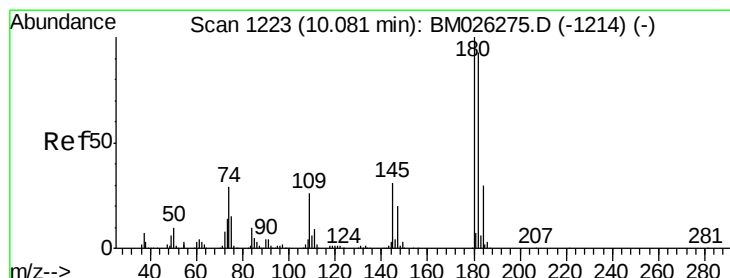
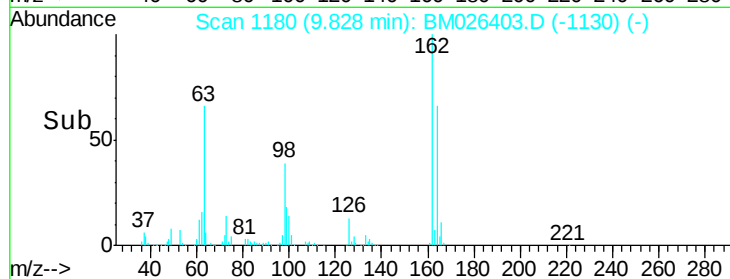
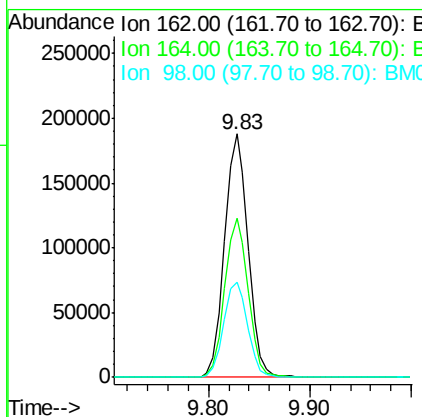
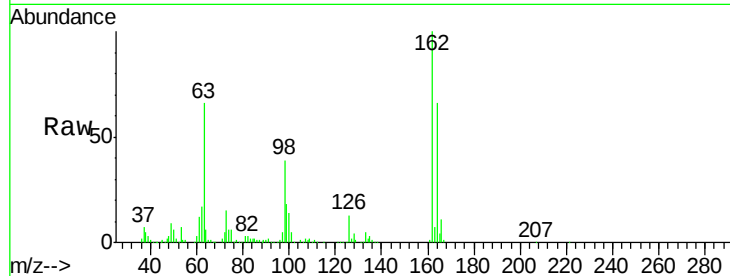
#29  
2,4-Dichlorophenol  
Concen: 49.067 ng  
RT: 9.83 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.5  | 46.2  | 86.2  |
| 98      | 39.0  | 19.0  | 59.0  |

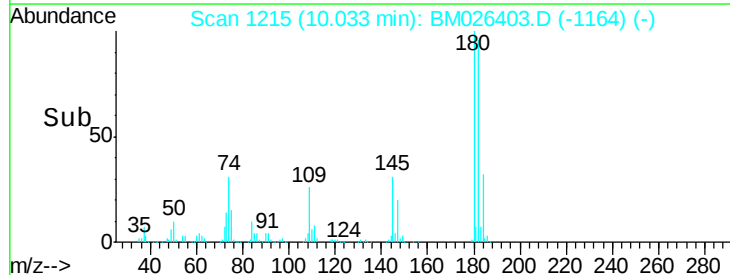
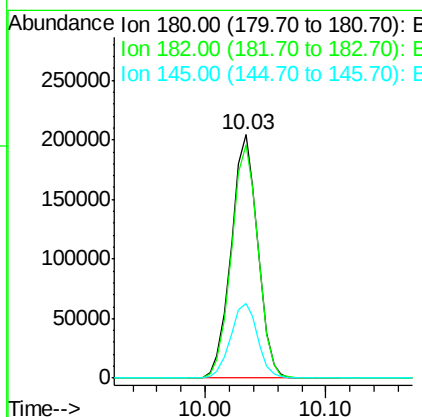
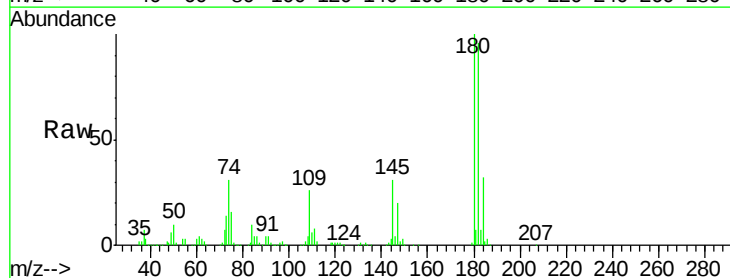
Manual Integrations  
APPROVED

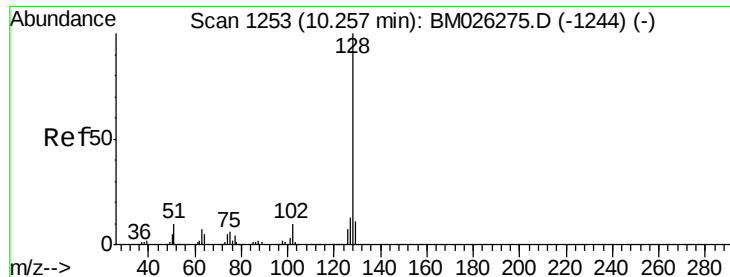
mohammad  
6/16/2020 11:05:43 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 46.226 ng  
RT: 10.03 min Scan# 1215  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 77.3  | 115.9 |
| 145     | 30.5  | 26.6  | 40.0  |





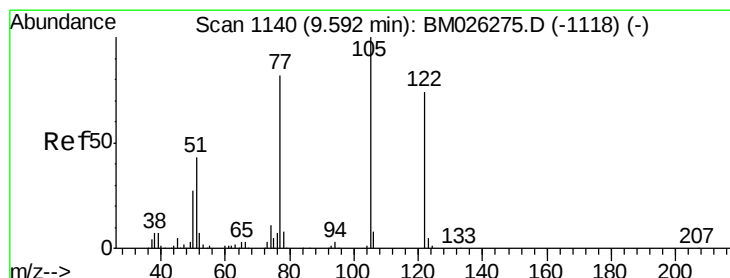
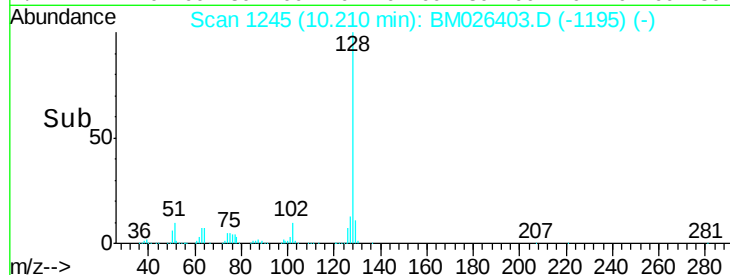
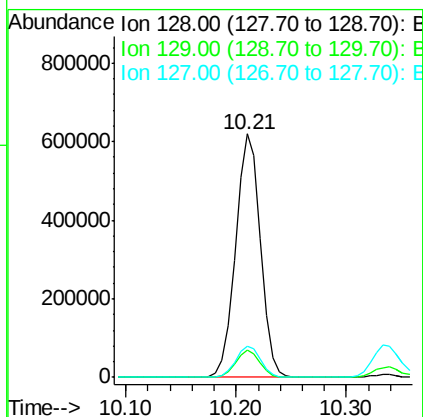
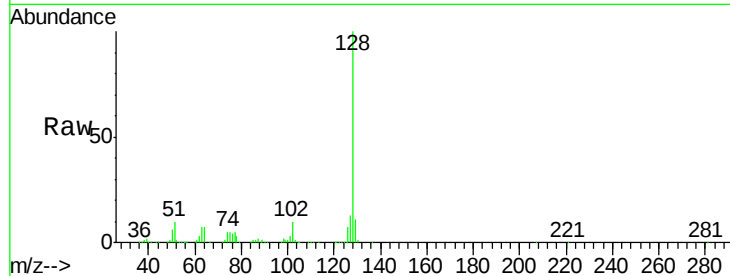
#31  
Naphthalene  
Concen: 45.817 ng  
RT: 10.21 min Scan# 1245  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.4   | 12.6  |
| 127     | 13.0  | 10.2  | 15.4  |

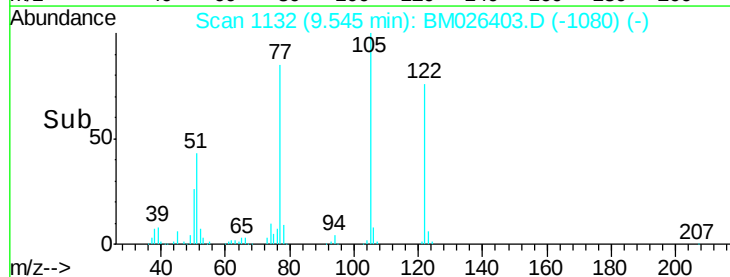
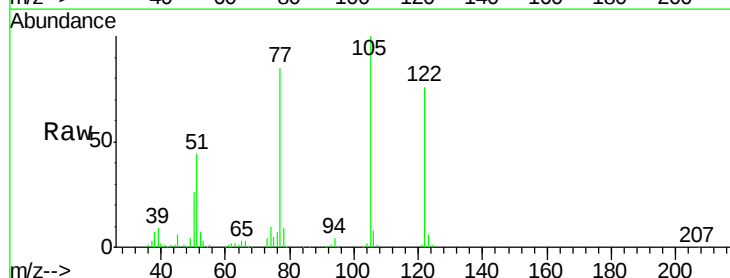
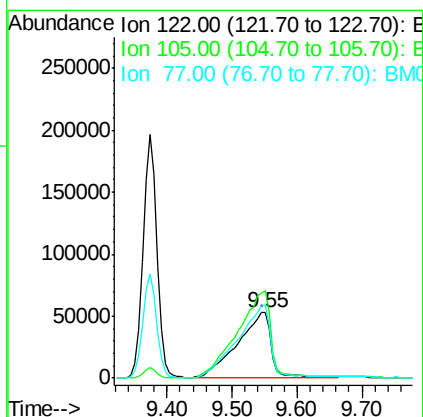
Manual Integrations  
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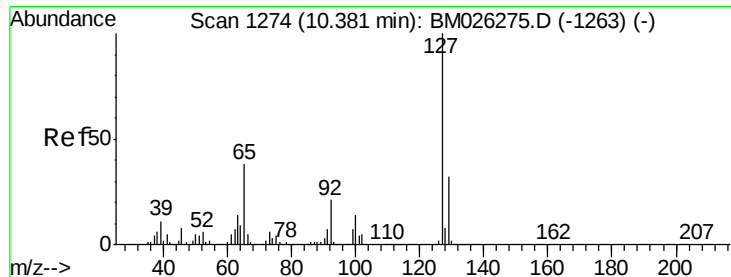
mohammad  
6/16/2020 11:05:43 AM



#32  
Benzoic acid  
Concen: 41.819 ng  
RT: 9.55 min Scan# 1132  
Delta R.T. 0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.0 | 108.9 | 148.9 |
| 77      | 110.9 | 90.1  | 130.1 |





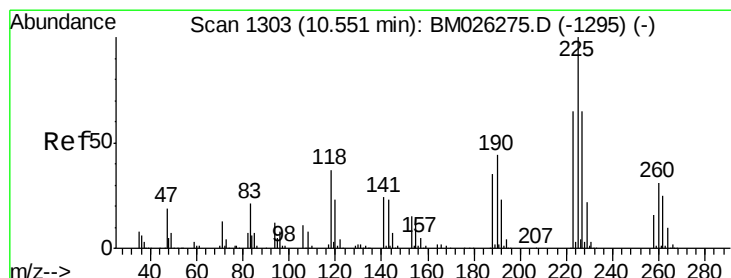
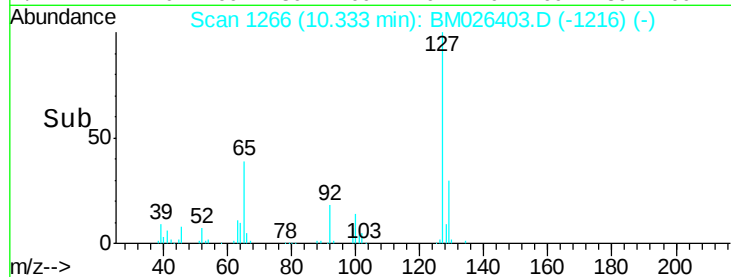
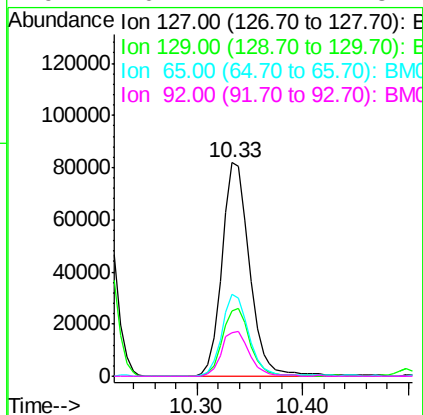
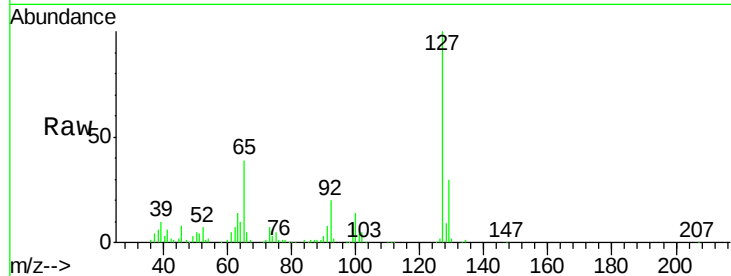
#33  
4-Chloroaniline  
Concen: 16.084 ng  
RT: 10.33 min Scan# 1266  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 30.5 | 25.3  | 37.9 |       |       |
| 65      | 38.5 | 30.0  | 45.0 |       |       |
| 92      | 20.2 | 17.1  | 25.7 |       |       |

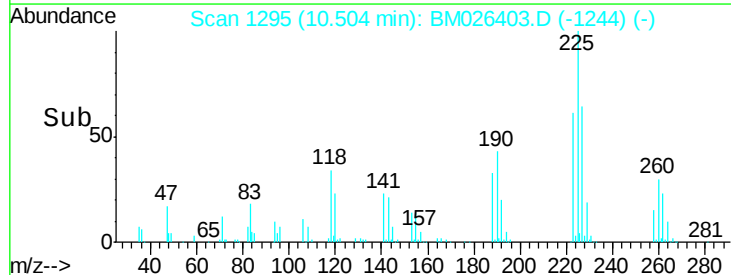
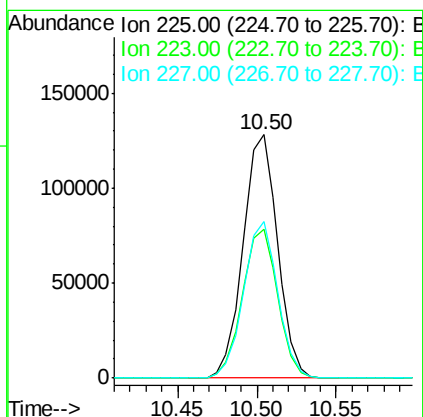
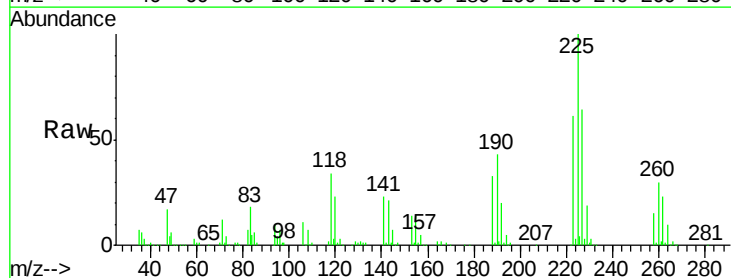
Manual Integrations  
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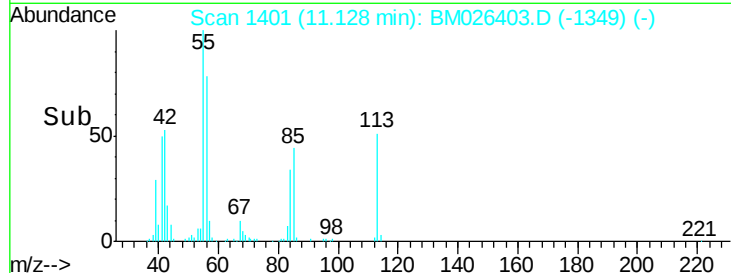
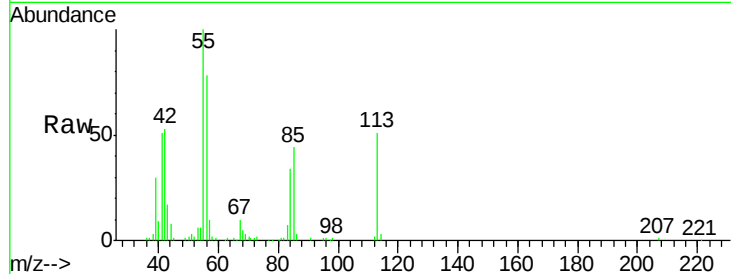
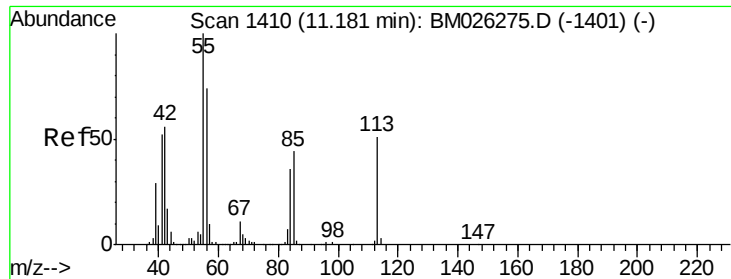
mohammad  
6/16/2020 11:05:43 AM



#34  
Hexachlorobutadiene  
Concen: 45.483 ng  
RT: 10.50 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.3 | 50.2  | 75.4 |       |       |
| 227     | 64.4 | 49.5  | 74.3 |       |       |





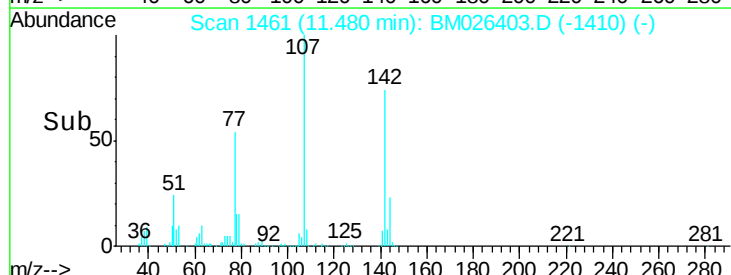
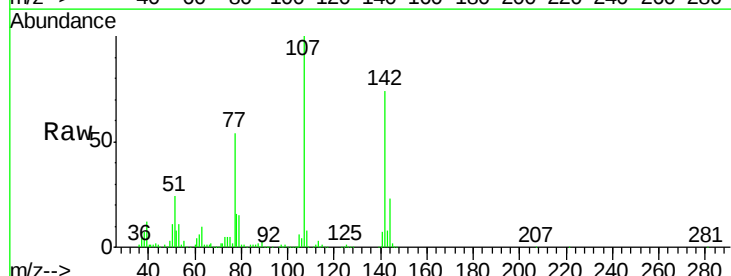
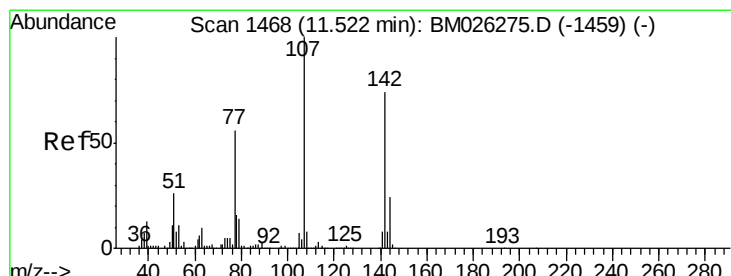
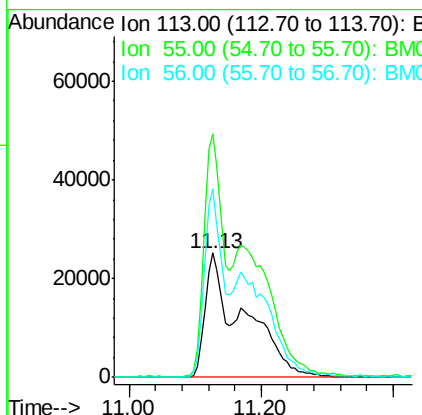
#35  
Caprolactam  
Concen: 46.614 ng/ml  
RT: 11.13 min Scan# 1401  
Delta R.T. 0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleID :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 196.3 | 177.1 | 217.1 |
| 56      | 152.4 | 134.8 | 174.8 |

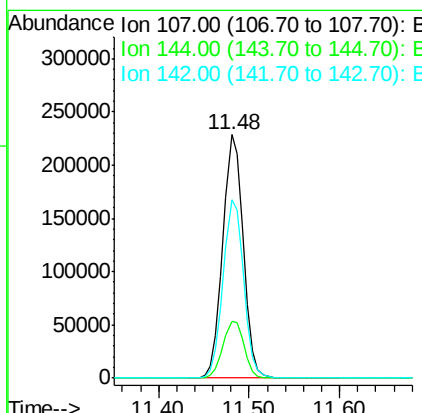
Manual Integrations  
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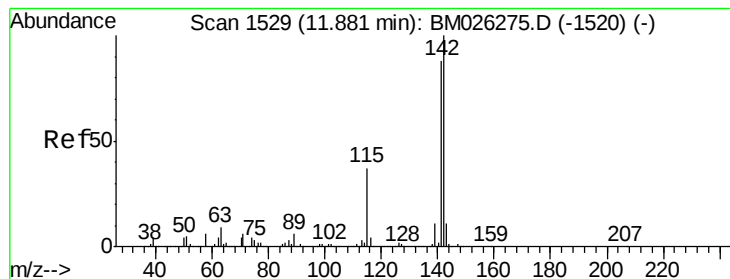
mohammad  
6/16/2020 11:05:43 AM



#36  
4-Chloro-3-methylphenol  
Concen: 47.866 ng/ml  
RT: 11.48 min Scan# 1461  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.4  | 18.7  | 28.1  |
| 142     | 73.5  | 57.7  | 86.5  |





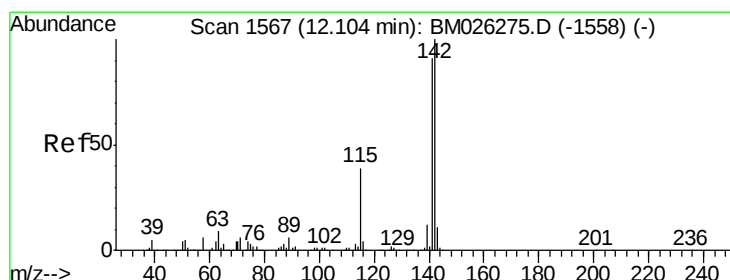
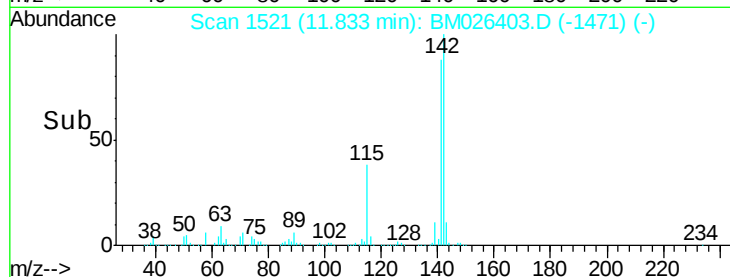
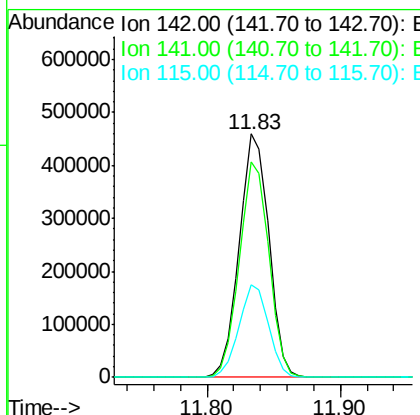
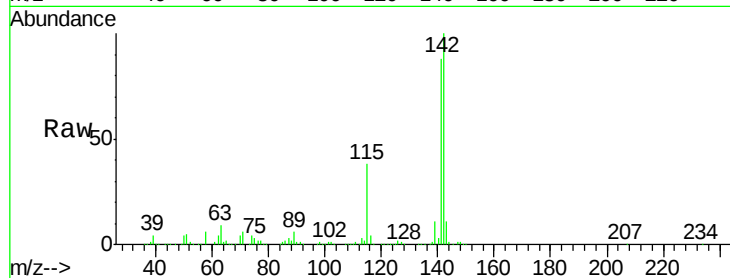
#37  
2-Methylnaphthalene  
Concen: 46.618 ng  
RT: 11.83 min Scan# 1521  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 70.5  | 105.7 |
| 115     | 38.2  | 30.2  | 45.4  |

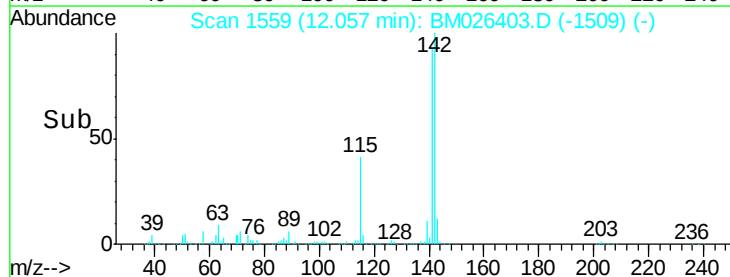
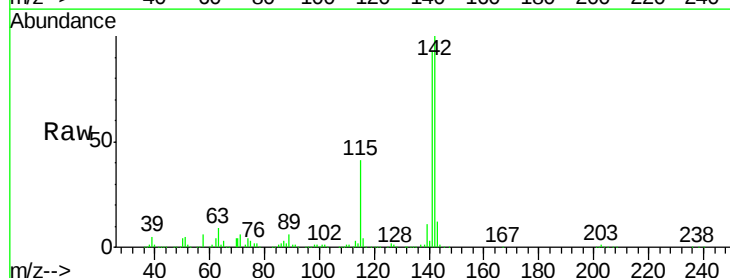
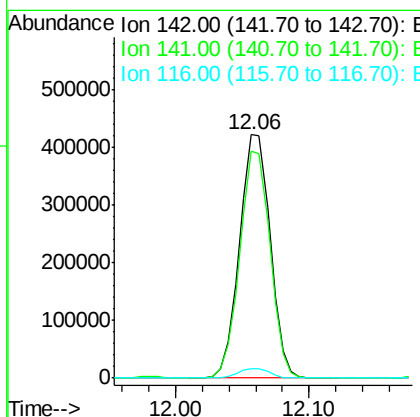
Manual Integrations  
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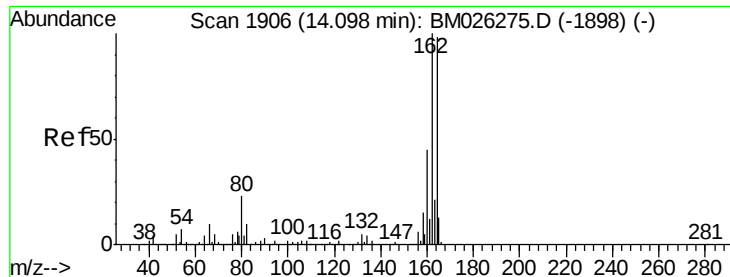
mohammad  
6/16/2020 11:05:43 AM



#38  
1-Methylnaphthalene  
Concen: 46.765 ng  
RT: 12.06 min Scan# 1559  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.4  | 73.3  | 109.9 |
| 116     | 4.0   | 3.4   | 5.0   |





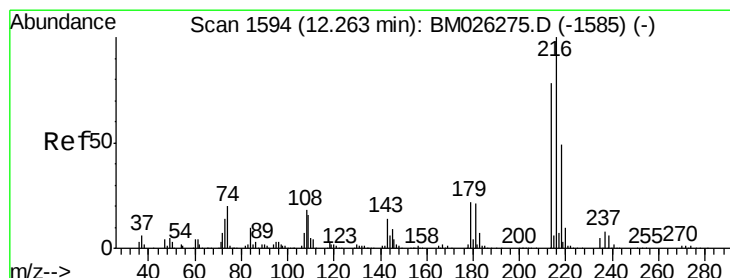
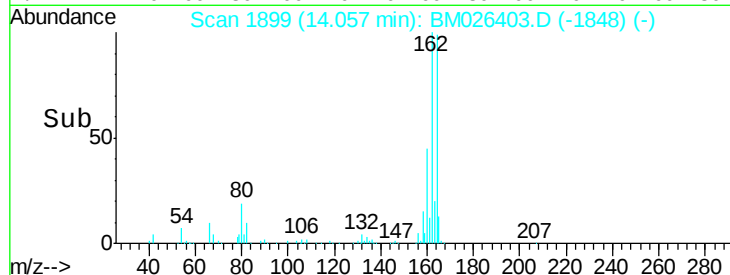
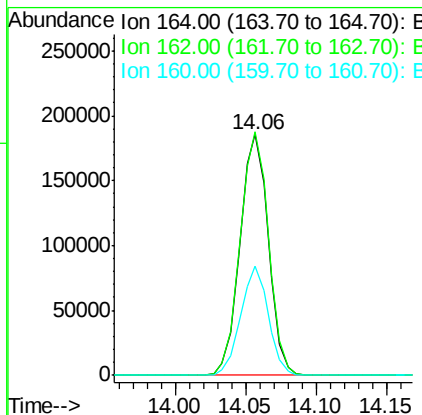
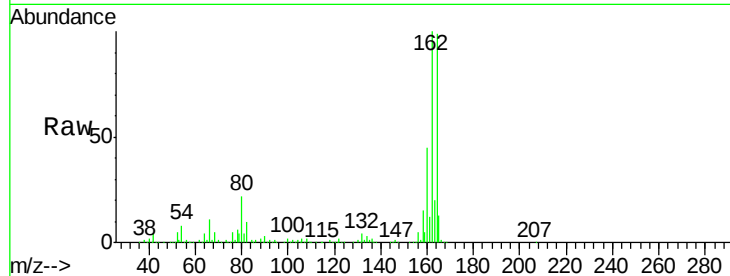
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.06 min Scan# 1899  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.2 | 77.7  | 116.5 |
| 160     | 45.1  | 34.2  | 51.2  |

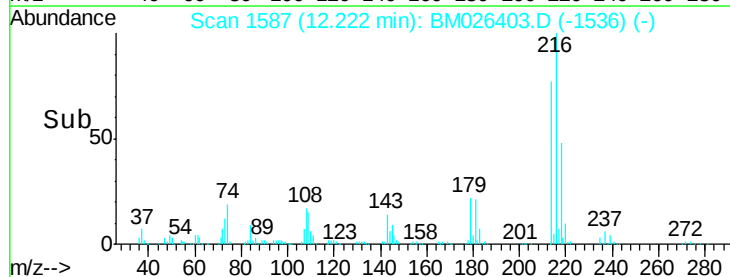
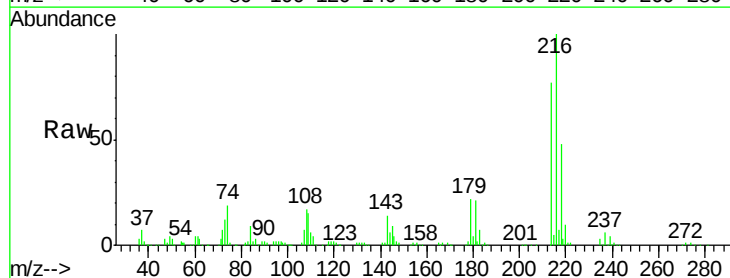
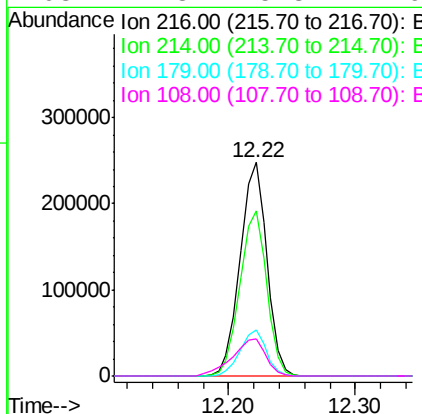
Manual Integrations  
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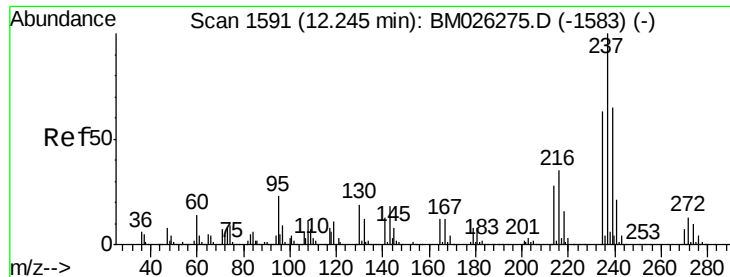
mohammad  
6/16/2020 11:05:43 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.808 ng  
RT: 12.22 min Scan# 1587  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.5  | 61.9  | 92.9  |
| 179     | 21.2  | 16.3  | 24.5  |
| 108     | 21.8  | 15.3  | 22.9  |





#41

Hexachlorocyclopentadiene

Concen: 96.120 ng

RT: 12.20 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

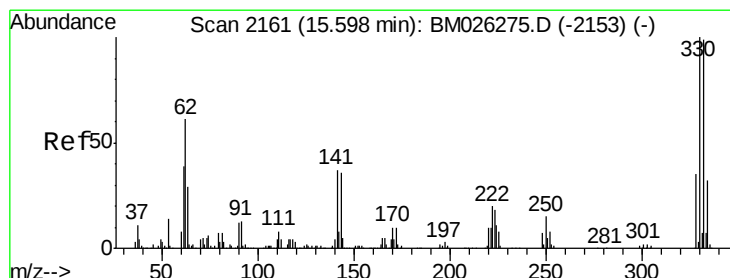
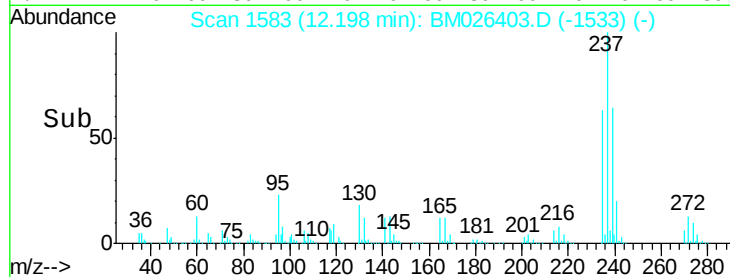
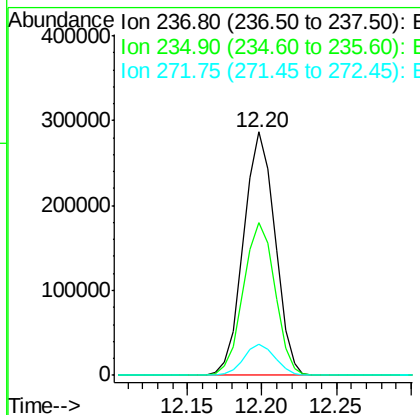
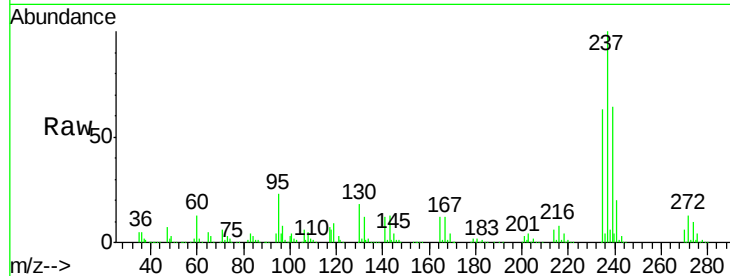
ClientSampleId :

294MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 237  | Resp: | 418243 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 63.0 | 42.1  | 82.1   |
| 272       | 12.9 | 0.0   | 33.5   |

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#42

2,4,6-Tribromophenol

Concen: 128.015 ng

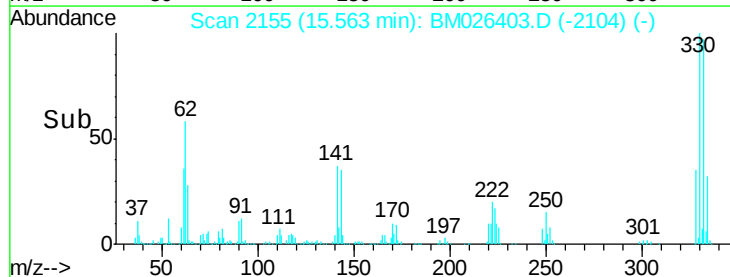
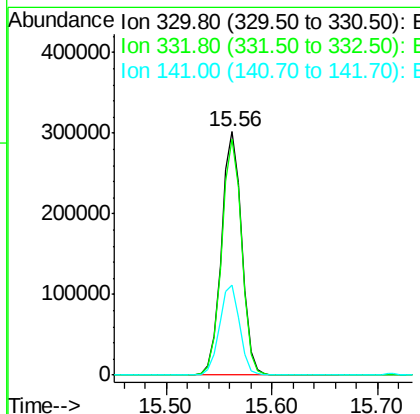
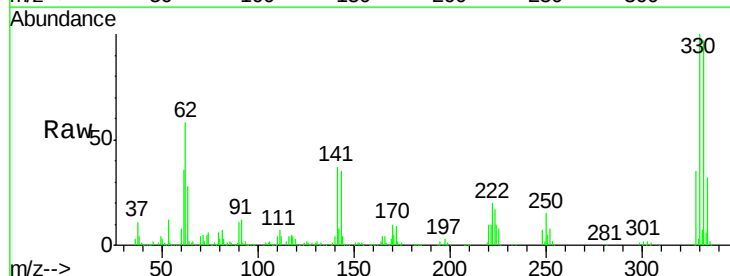
RT: 15.56 min Scan# 2155

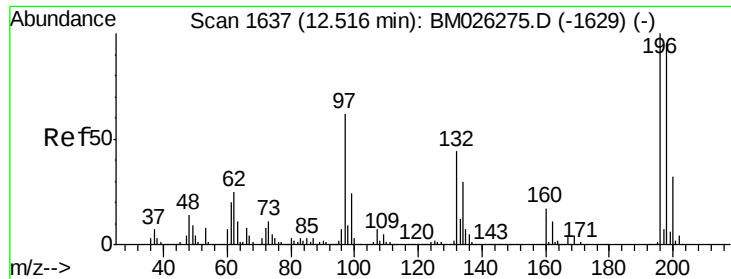
Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 330  | Resp: | 402236 |
| Ion Ratio |      | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 96.2 | 77.7  | 116.5  |
| 141       | 37.3 | 29.7  | 44.5   |





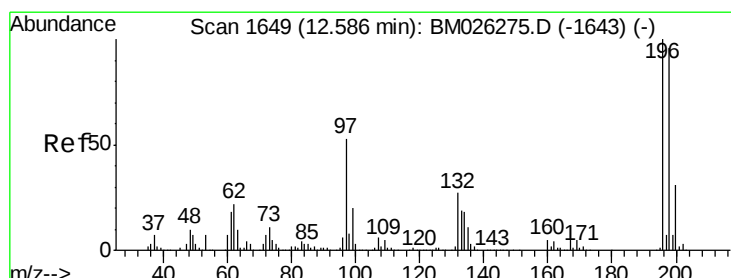
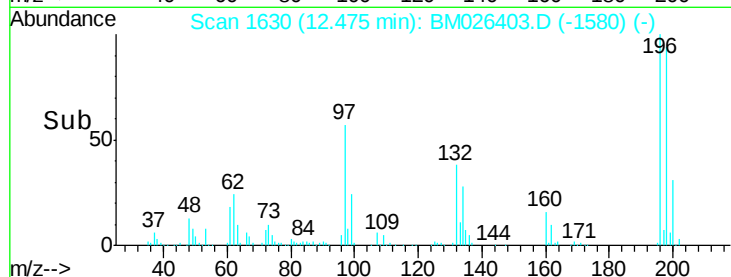
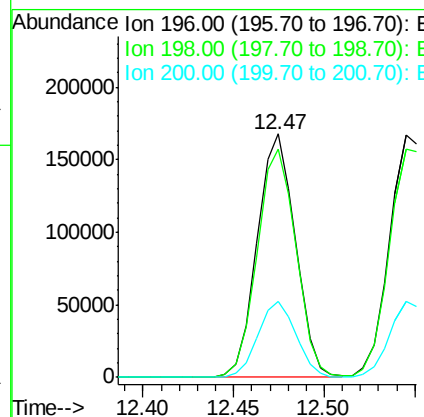
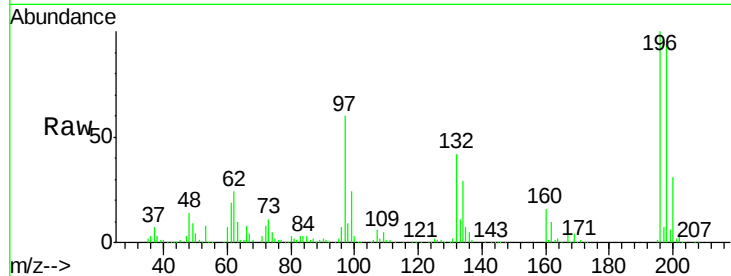
#43  
 2,4,6-Trichlorophenol  
 Concen: 49.114 ng  
 RT: 12.47 min Scan# 1630  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampled :  
 294MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 245460 |       |       |
| 198     | 93.9  | 79.0   | 118.4 |       |
| 200     | 31.0  | 25.2   | 37.8  |       |

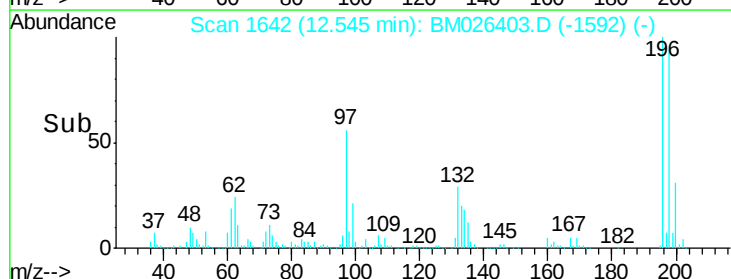
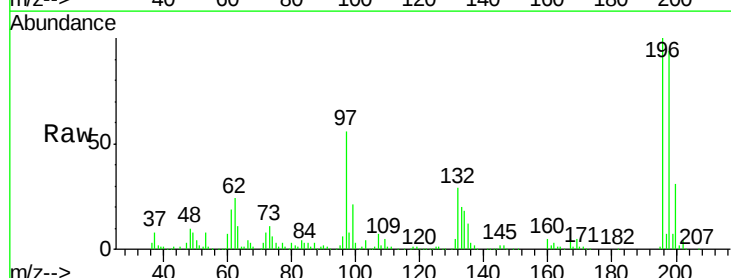
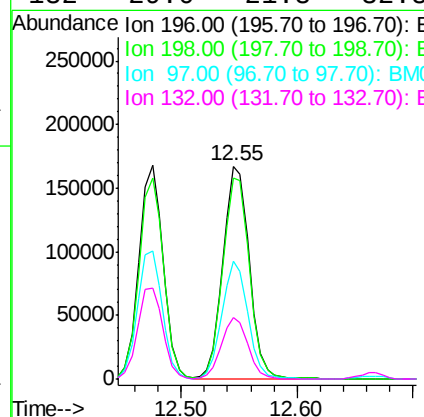
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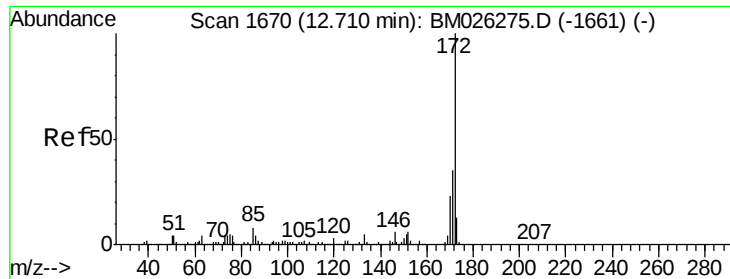
mohammad  
 6/16/2020 11:05:43 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.426 ng  
 RT: 12.55 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 263522 |       |       |
| 198     | 94.4  | 77.1   | 115.7 |       |
| 97      | 55.5  | 43.0   | 64.4  |       |
| 132     | 29.0  | 21.8   | 32.8  |       |





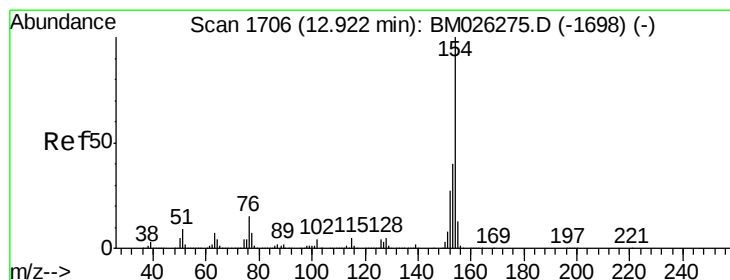
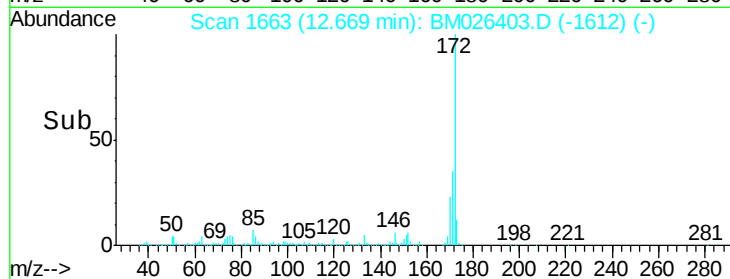
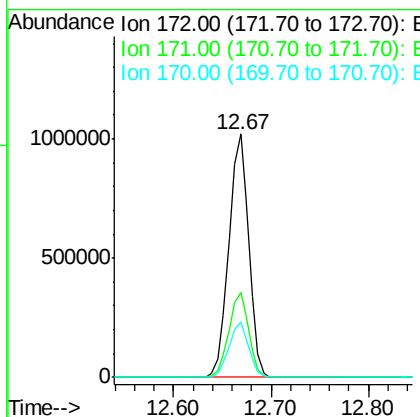
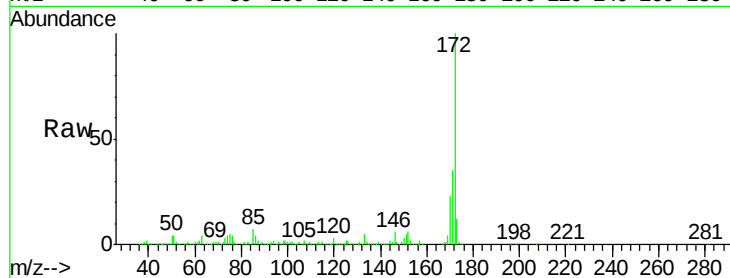
#45  
2-Fluorobiphenyl  
Concen: 84.039 ng  
RT: 12.67 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampled :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.7  | 27.8  | 41.8  |
| 170     | 22.8  | 18.2  | 27.4  |

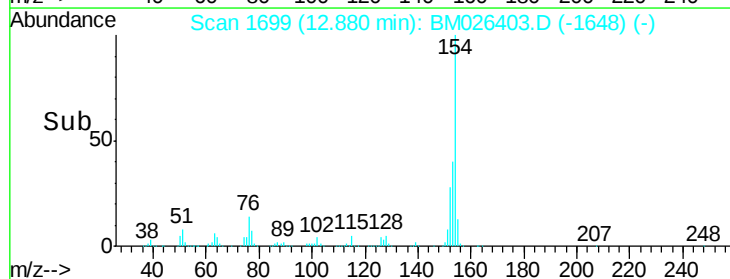
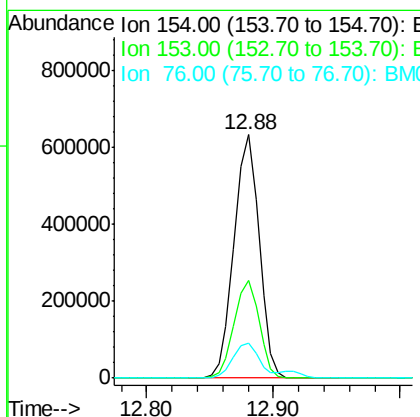
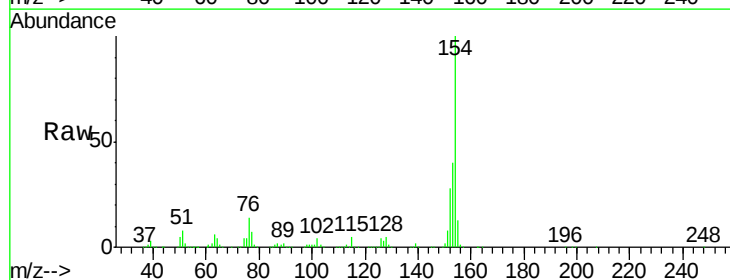
Manual Integrations  
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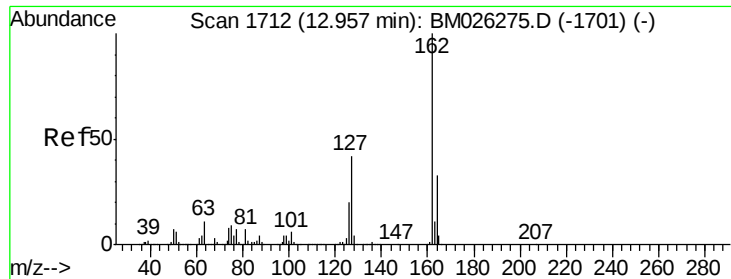
mohammad  
6/16/2020 11:05:43 AM



#46  
1,1'-Biphenyl  
Concen: 47.826 ng  
RT: 12.88 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 20.0  | 60.0  |
| 76      | 14.4  | 0.0   | 34.6  |





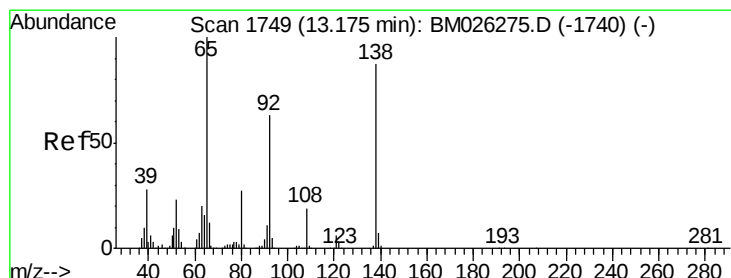
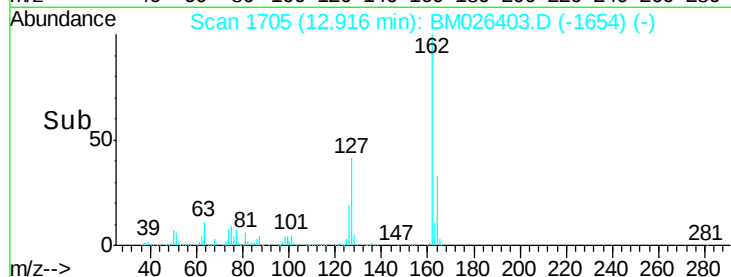
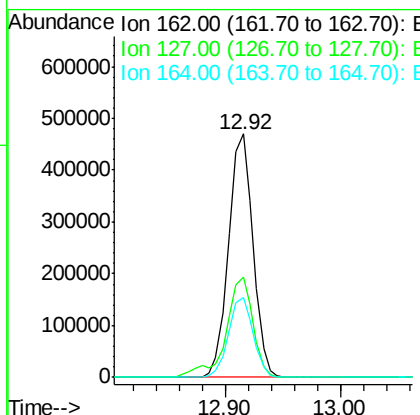
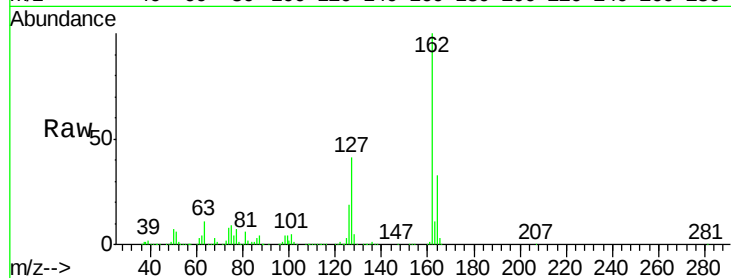
#47  
2-Chloronaphthalene  
Concen: 46.448 ng  
RT: 12.92 min Scan# 1705  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.1  | 34.0  | 51.0  |
| 164     | 32.9  | 26.3  | 39.5  |

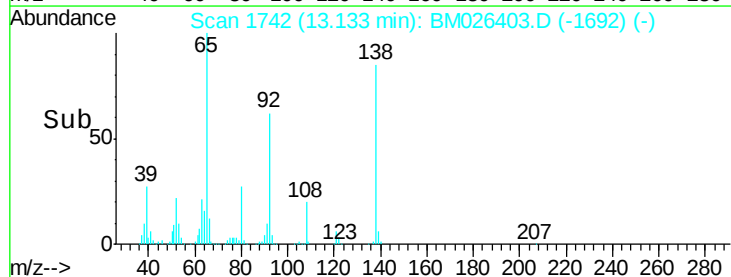
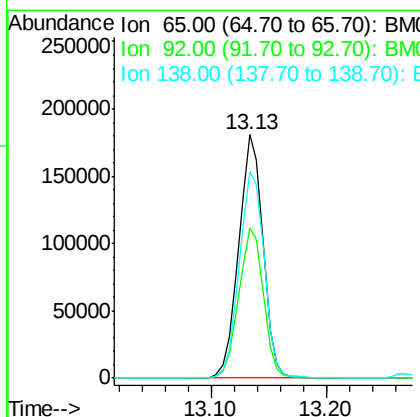
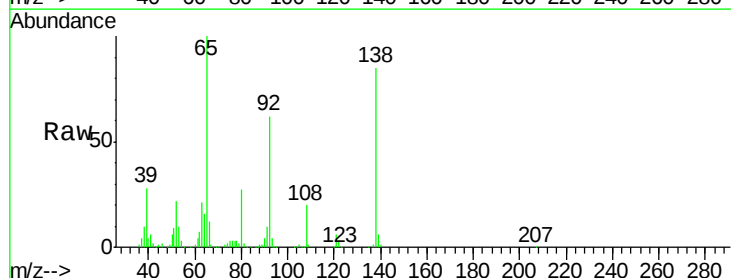
Manual Integrations  
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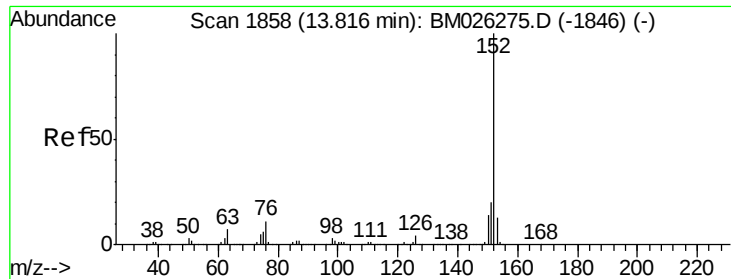
mohammad  
6/16/2020 11:05:43 AM



#48  
2-Nitroaniline  
Concen: 45.083 ng  
RT: 13.13 min Scan# 1742  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.8  | 50.6  | 76.0  |
| 138     | 84.8  | 71.6  | 107.4 |





#49

Acenaphthylene

Concen: 46.724 ng

RT: 13.77 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

ClientSampleId :

294MSD

Tot Ion:152 Resp: 1103878

Ion Ratio Lower Upper

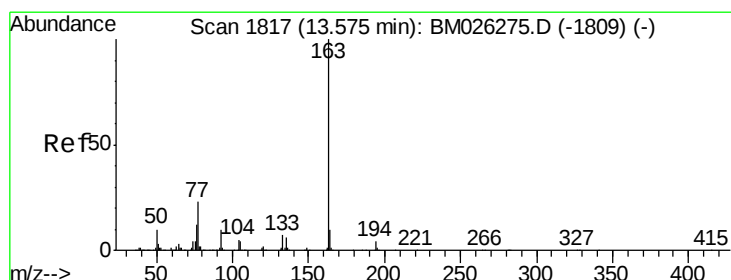
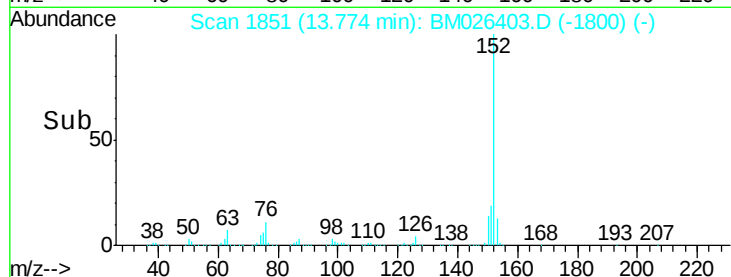
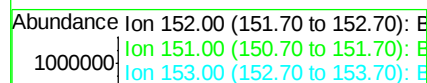
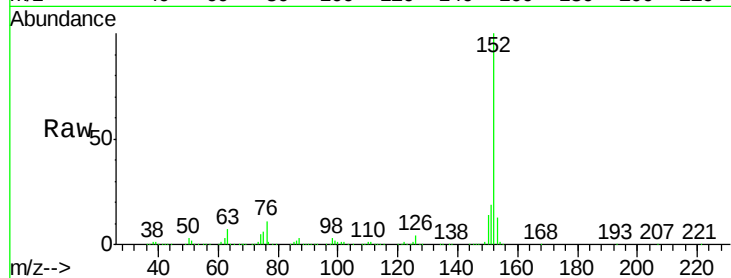
152 100

151 19.1 15.8 23.6

153 12.6 10.1 15.1

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#50

Dimethylphthalate

Concen: 58.883 ng

RT: 13.54 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

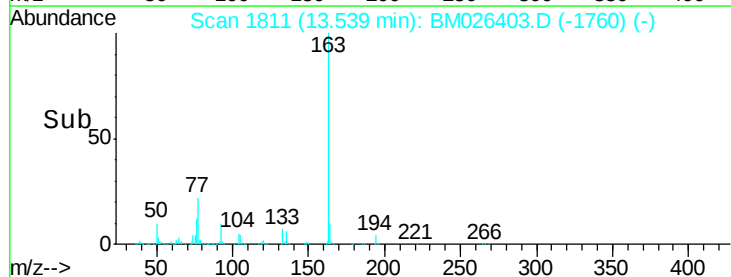
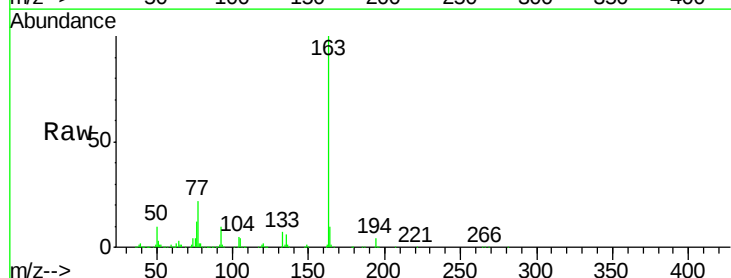
Tgt Ion:163 Resp: 1117149

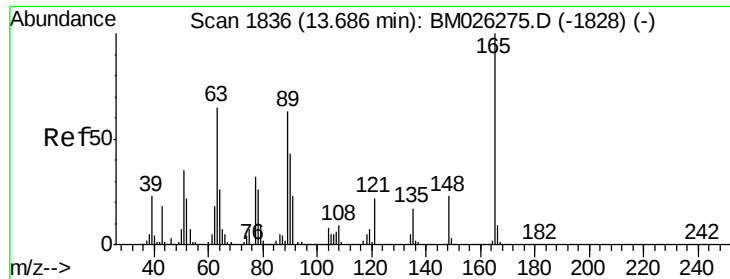
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.8 7.8 11.8





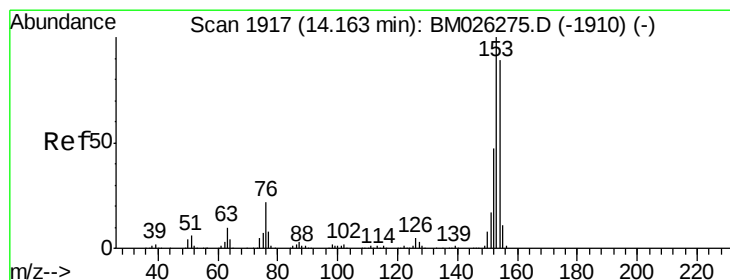
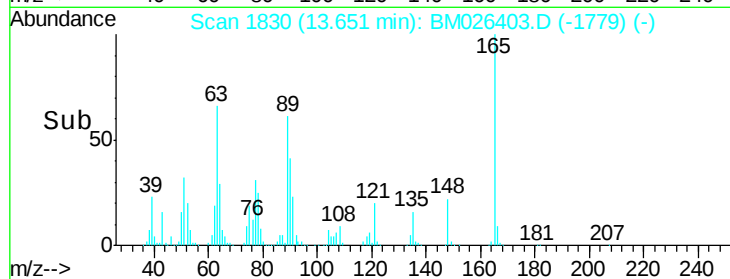
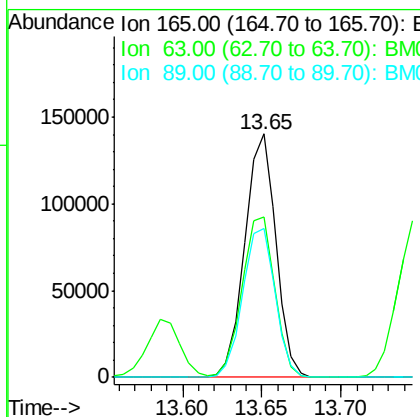
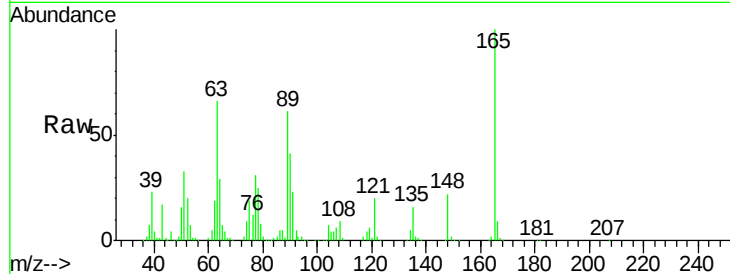
#51  
2,6-Dinitrotoluene  
Concen: 45.974 ng  
RT: 13.65 min Scan# 1830  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 191399 |       |       |
| 63      | 65.9  | 54.3   | 81.5  |       |
| 89      | 61.3  | 51.5   | 77.3  |       |

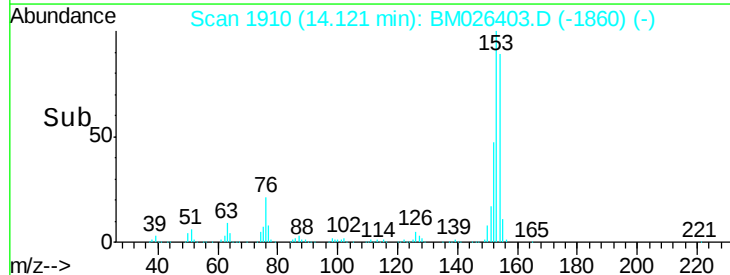
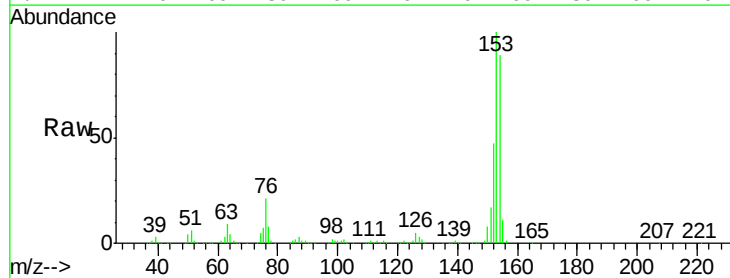
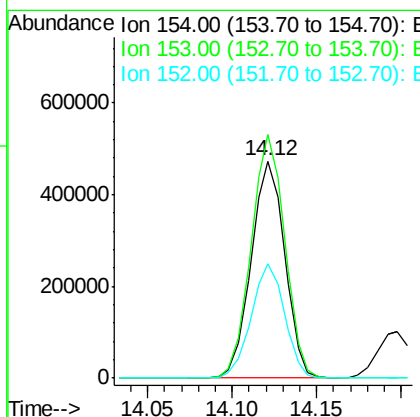
Manual Integrations  
APPROVED

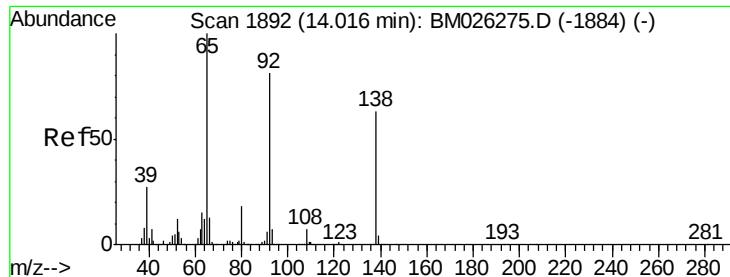
mohammad  
6/16/2020 11:05:43 AM



#52  
Acenaphthene  
Concen: 46.371 ng  
RT: 14.12 min Scan# 1910  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 657681 |       |       |
| 153     | 112.0 | 88.6   | 132.8 |       |
| 152     | 52.3  | 42.0   | 63.0  |       |





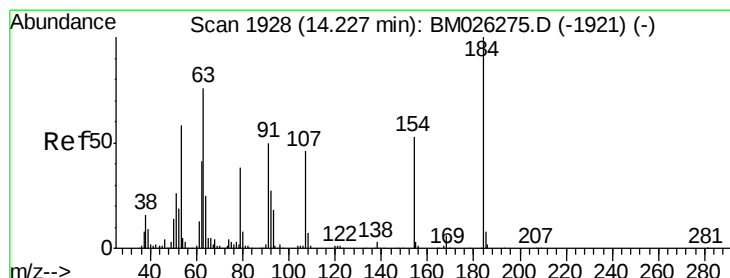
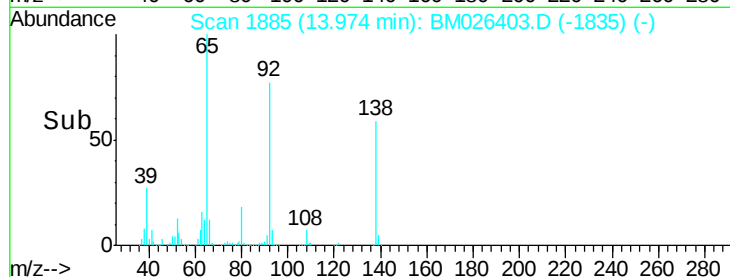
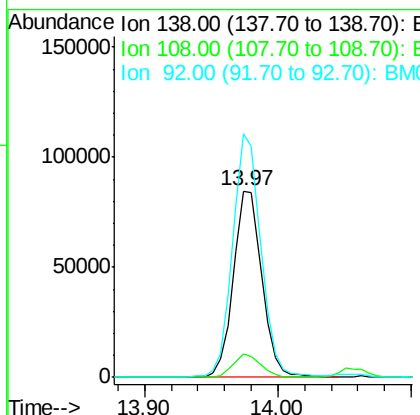
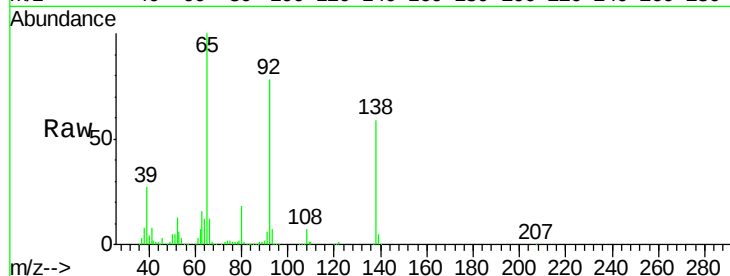
#53  
3-Nitroaniline  
Concen: 27.247 ng  
RT: 13.97 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.3  | 9.4   | 14.0  |
| 92      | 130.9 | 105.4 | 158.2 |

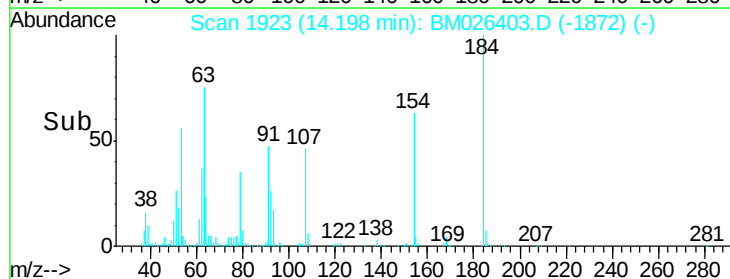
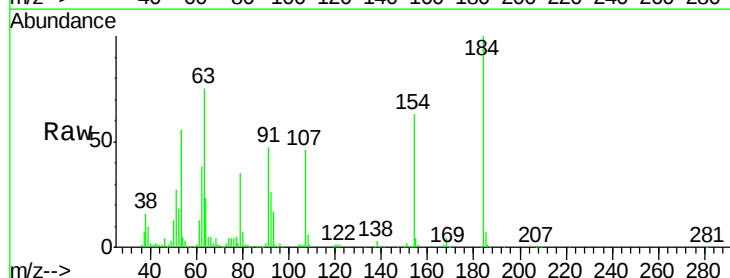
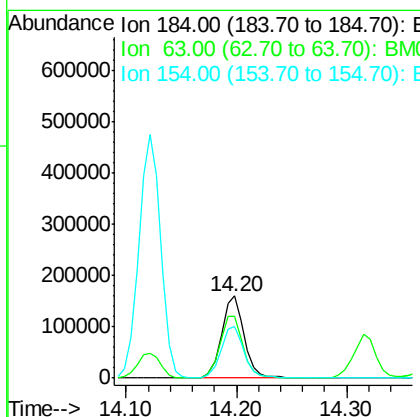
Manual Integrations  
APPROVED

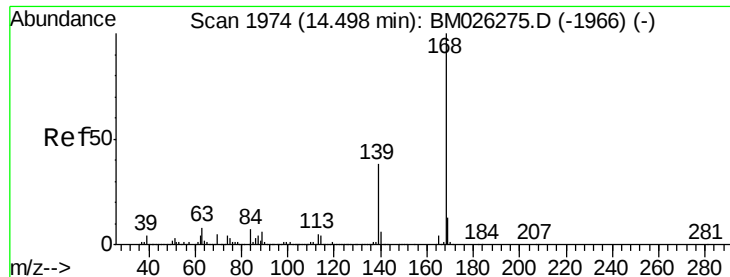
mohammad  
6/16/2020 11:05:43 AM



#54  
2,4-Dinitrophenol  
Concen: 90.340 ng  
RT: 14.20 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.2  | 61.8  | 92.6  |
| 154     | 63.4  | 53.1  | 79.7  |





#55

Dibenzofuran

Concen: 45.817 ng

RT: 14.46 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

ClientSampled :

294MSD

Tot Ion:168 Resp: 1047028

Ion Ratio Lower Upper

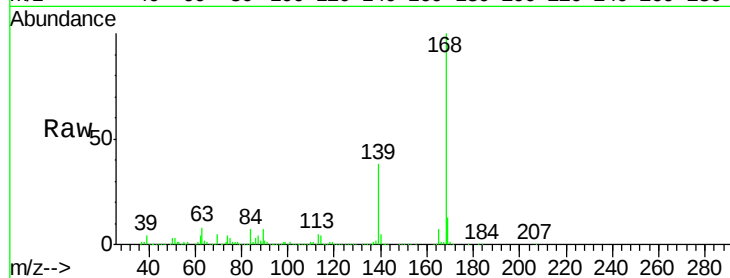
168 100

139 38.2 31.4 47.0

169 12.9 10.7 16.1

Manual Integrations  
APPROVED

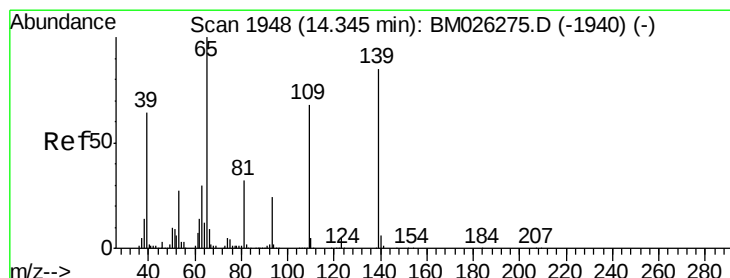
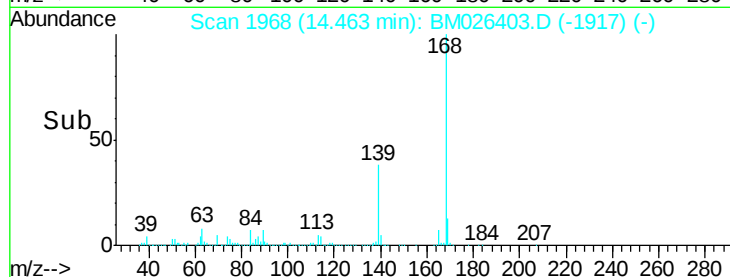
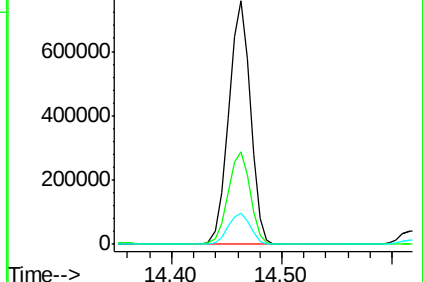
mohammad  
6/16/2020 11:05:43 AM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.473 ng

RT: 14.32 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

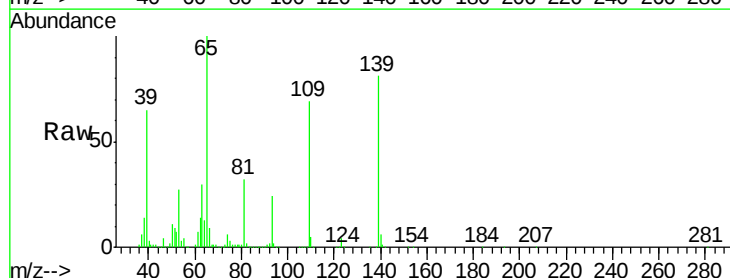
Tgt Ion:139 Resp: 339965

Ion Ratio Lower Upper

139 100

109 84.5 64.9 104.9

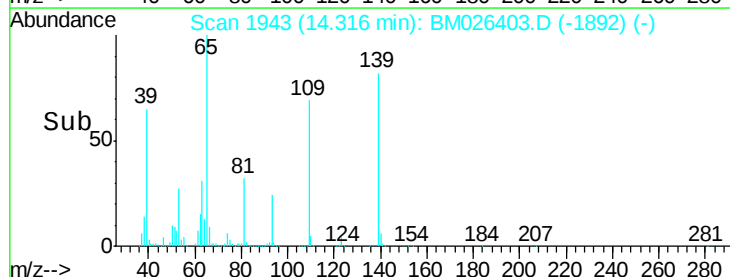
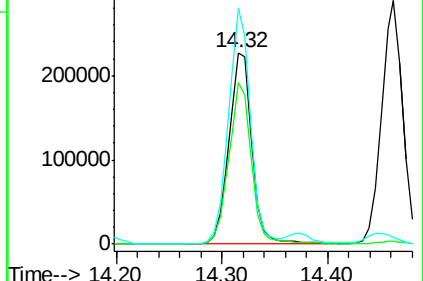
65 123.2 98.1 138.1

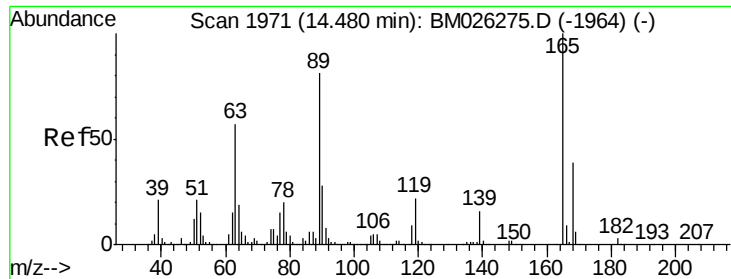


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





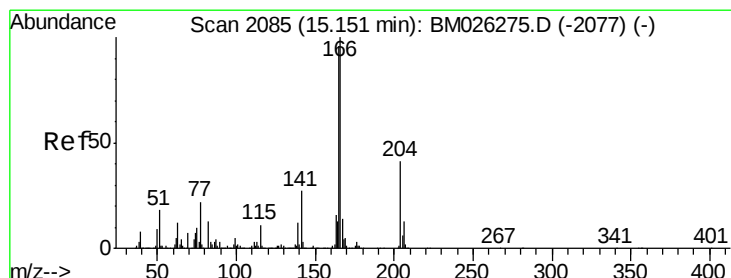
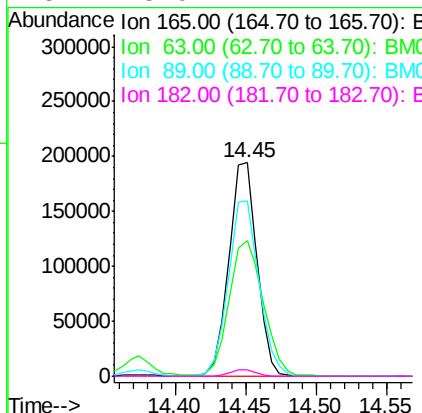
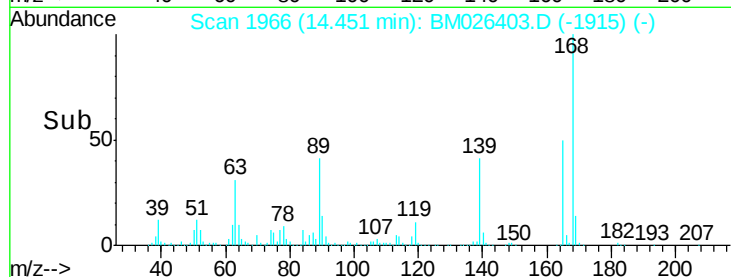
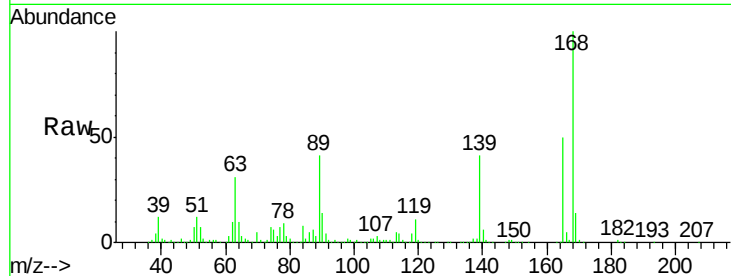
#57  
 2,4-Dinitrotoluene  
 Concen: 46.473 ng  
 RT: 14.45 min Scan# 1966  
 Delta R.T. 0.00 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 269015 |       |       |
| 63      | 63.4  | 48.1   | 72.1  |       |
| 89      | 82.1  | 65.6   | 98.4  |       |
| 182     | 3.0   | 2.7    | 4.1   |       |

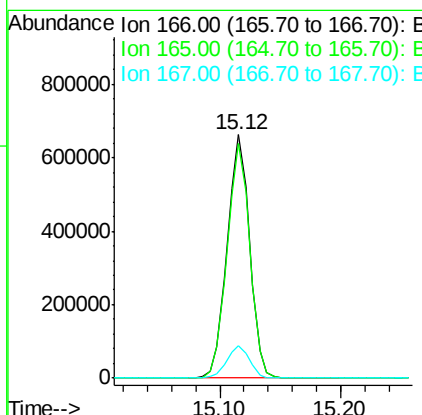
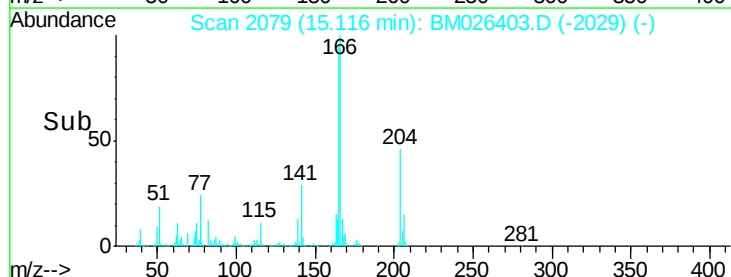
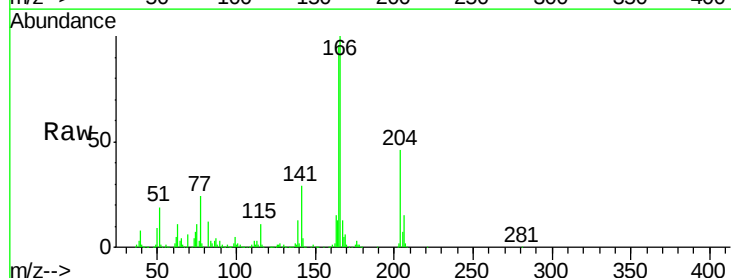
Manual Integrations  
 APPROVED

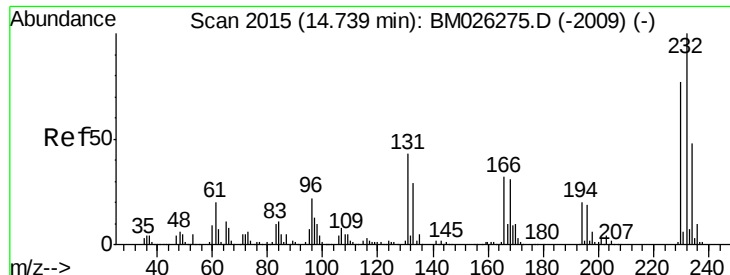
mohammad  
 6/16/2020 11:05:43 AM



#58  
 Fluorene  
 Concen: 46.186 ng  
 RT: 15.12 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 857292 |       |       |
| 165     | 96.2  | 77.5   | 116.3 |       |
| 167     | 13.3  | 10.9   | 16.3  |       |





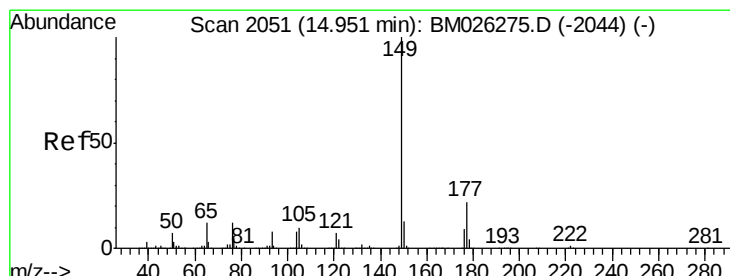
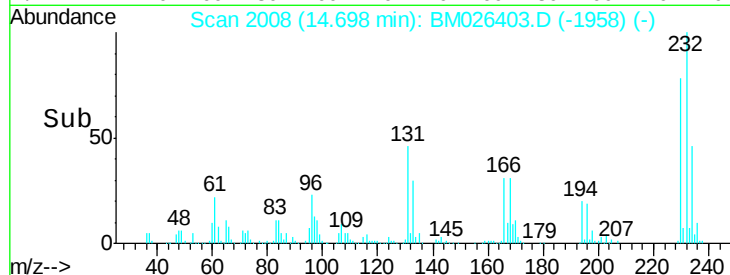
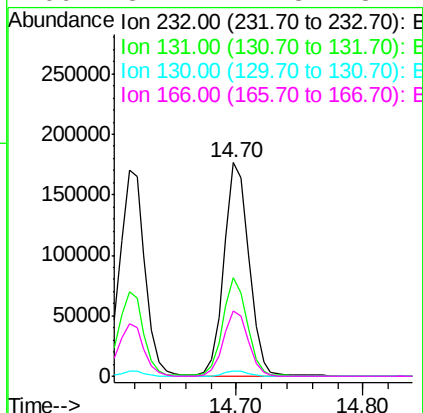
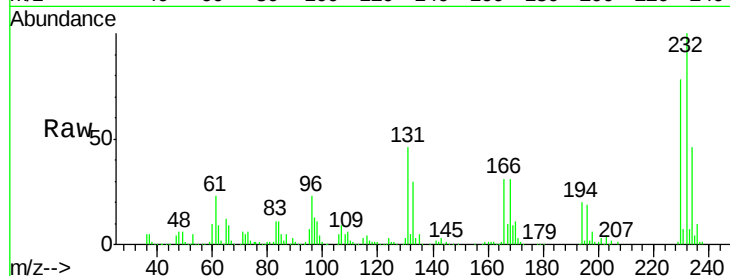
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.267 ng  
 RT: 14.70 min Scan# 2008  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 239497 |       |       |
| 131     | 45.2  |        | 36.4  | 54.6  |
| 130     | 2.5   |        | 2.0   | 3.0   |
| 166     | 31.1  |        | 24.8  | 37.2  |

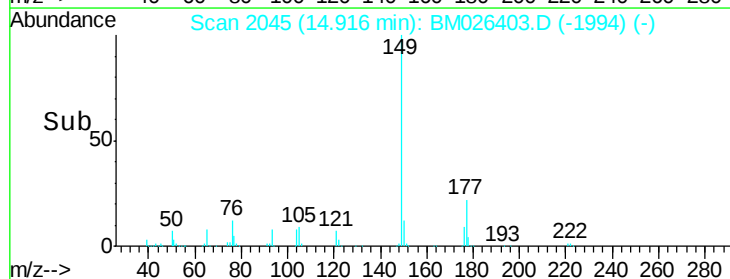
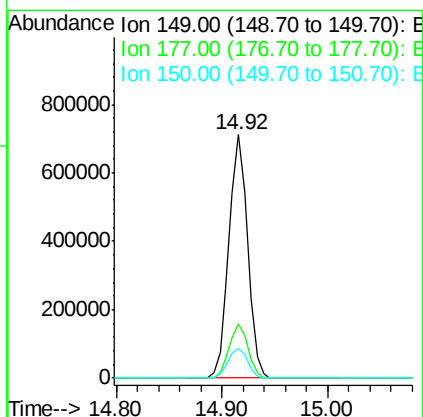
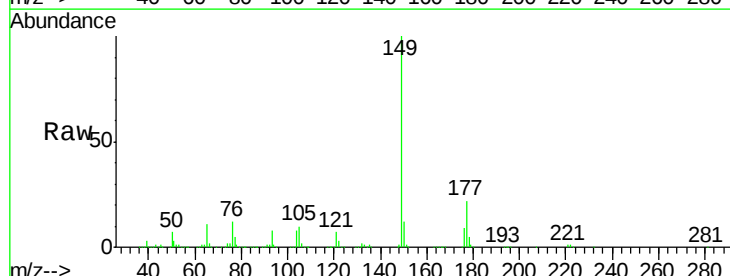
Manual Integrations  
 APPROVED

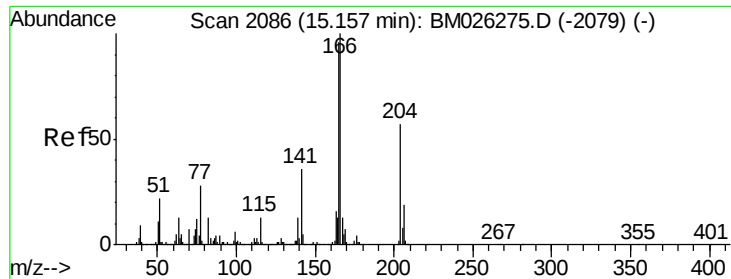
mohammad  
 6/16/2020 11:05:43 AM



#60  
 Diethylphthalate  
 Concen: 45.009 ng  
 RT: 14.92 min Scan# 2045  
 Delta R.T. 0.00 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 869777 |       |       |
| 177     | 22.4  |        | 17.6  | 26.4  |
| 150     | 12.4  |        | 9.9   | 14.9  |





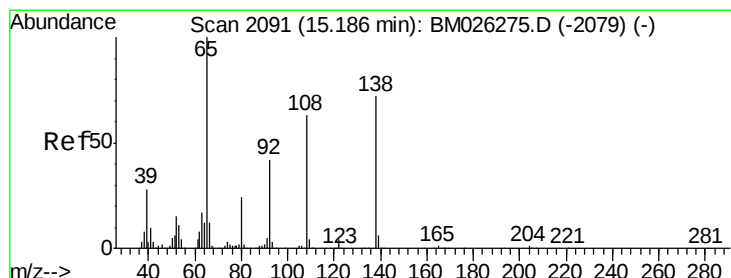
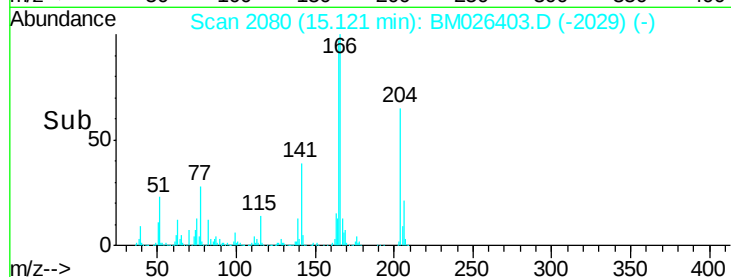
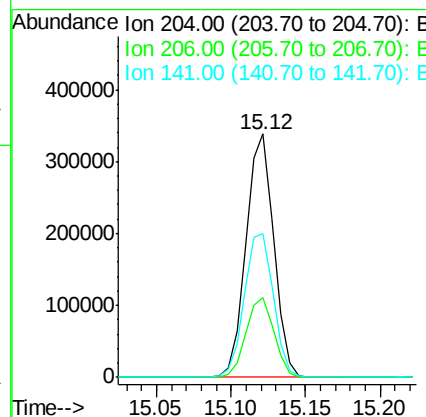
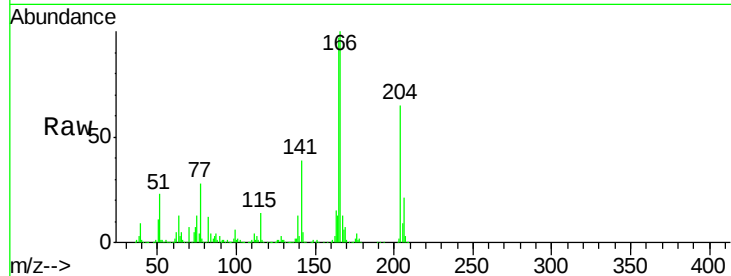
#61  
4-Chlorophenyl-phenylether  
Concen: 44.062 ng  
RT: 15.12 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampled :  
294MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 32.5  | 26.6 | 40.0  |       |
| 141     | 59.1  | 49.4 | 74.2  |       |

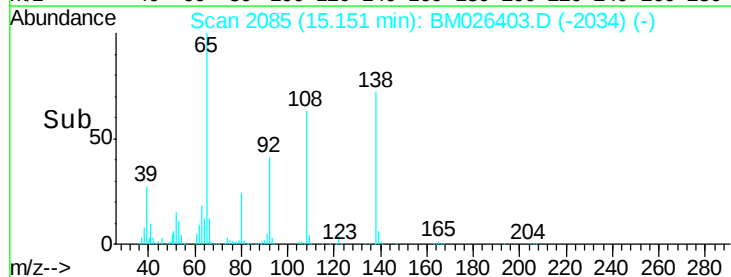
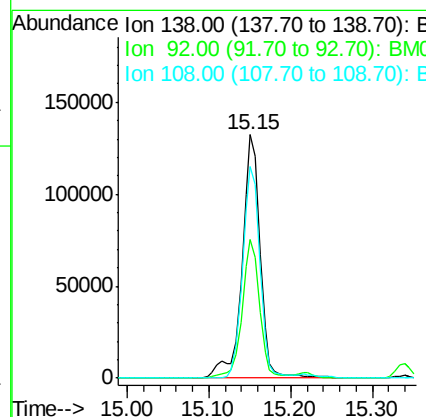
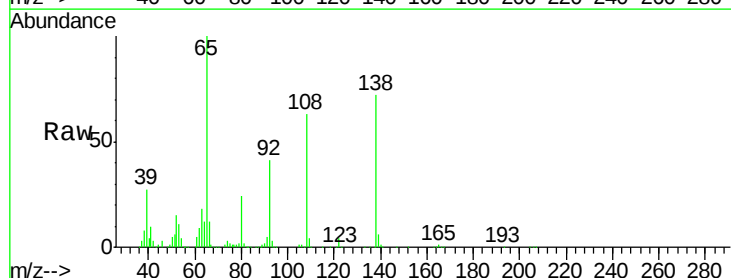
Manual Integrations  
APPROVED

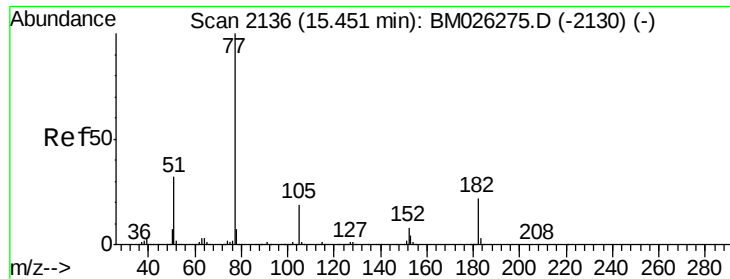
mohammad  
6/16/2020 11:05:43 AM



#62  
4-Nitroaniline  
Concen: 41.525 ng  
RT: 15.15 min Scan# 2085  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 56.9  | 37.5 | 77.5  |       |
| 108     | 87.0  | 66.3 | 106.3 |       |





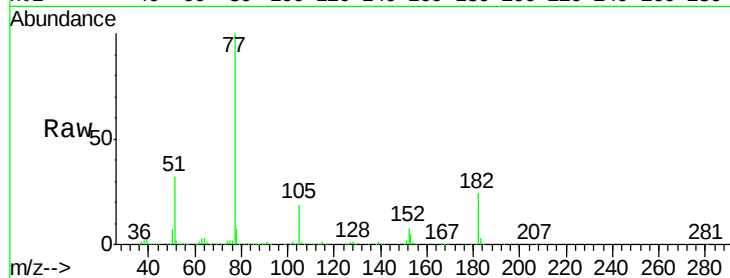
#63  
Azobenzene  
Concen: 45.877 ng  
RT: 15.42 min Scan# 2130  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

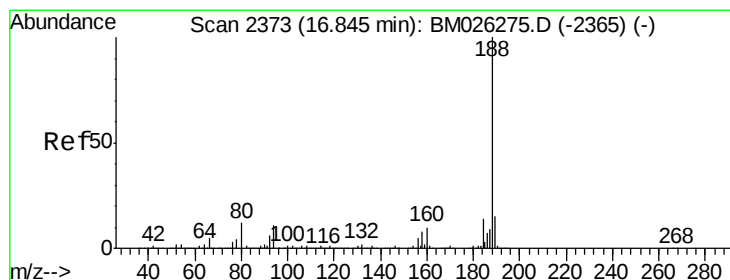
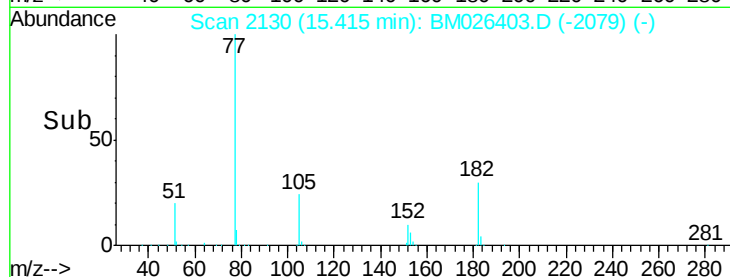
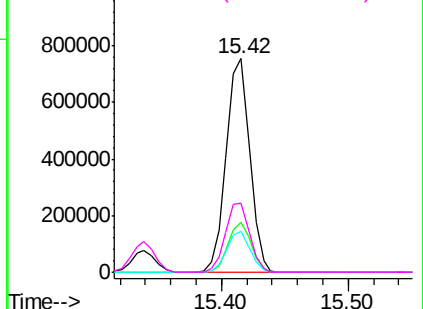
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 182     | 23.6  | 2.1  | 42.1  |       |
| 105     | 19.0  | 0.0  | 38.3  |       |
| 51      | 32.3  | 13.5 | 53.5  |       |

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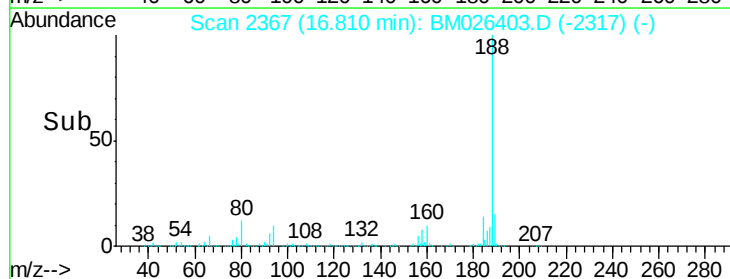
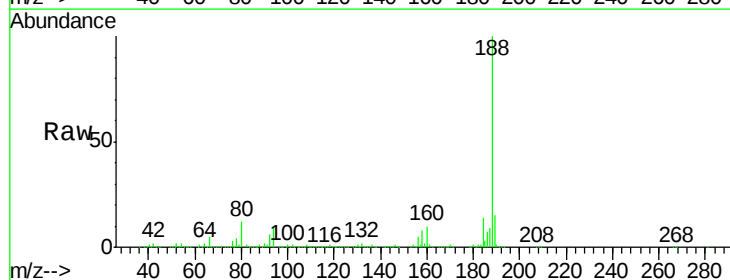
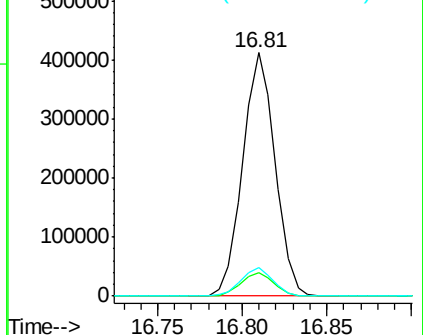
Abundance Ion 77.00 (76.70 to 77.70): BM026403.D (-2079) (-)  
Ion 182.00 (181.70 to 182.70): BM026403.D (-2079) (-)  
Ion 105.00 (104.70 to 105.70): BM026403.D (-2079) (-)  
Ion 51.00 (50.70 to 51.70): BM026403.D (-2079) (-)

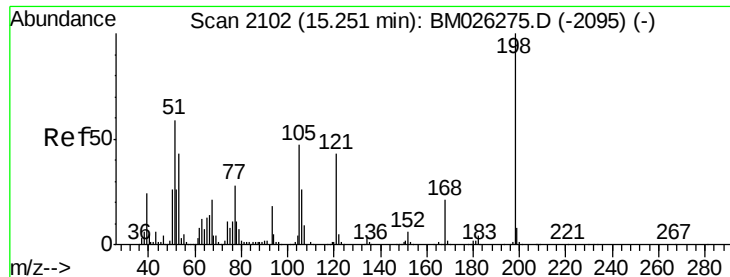


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.81 min Scan# 2367  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 9.6   | 7.8  | 11.6  |       |
| 80      | 11.6  | 9.5  | 14.3  |       |

Abundance Ion 188.00 (187.70 to 188.70): BM026403.D (-2317) (-)  
Ion 94.00 (93.70 to 94.70): BM026403.D (-2317) (-)  
Ion 80.00 (79.70 to 80.70): BM026403.D (-2317) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 46.652 ng

RT: 15.22 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

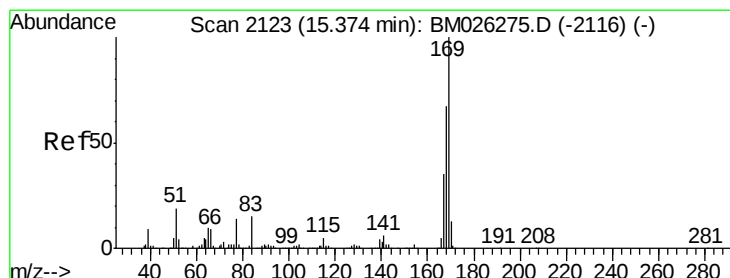
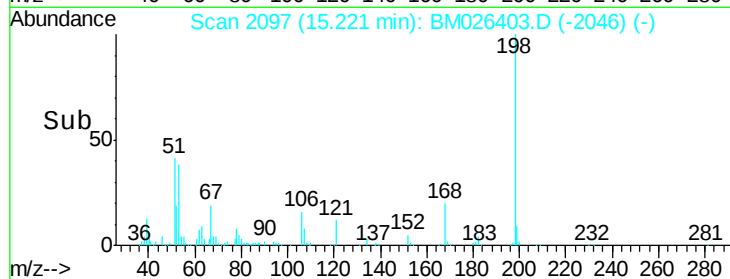
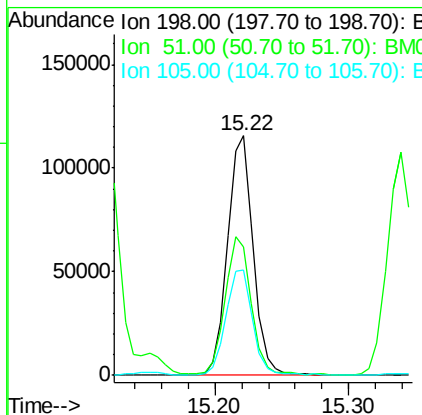
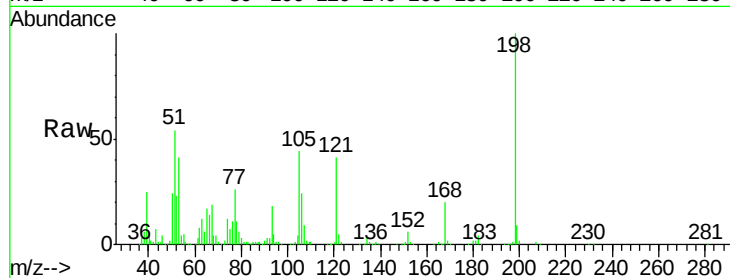
ClientSampleId :

294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 156364 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 53.9  | 35.6  | 75.6   |
| 105       | 43.9  | 24.3  | 64.3   |

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#66

n-Nitrosodiphenylamine

Concen: 46.623 ng

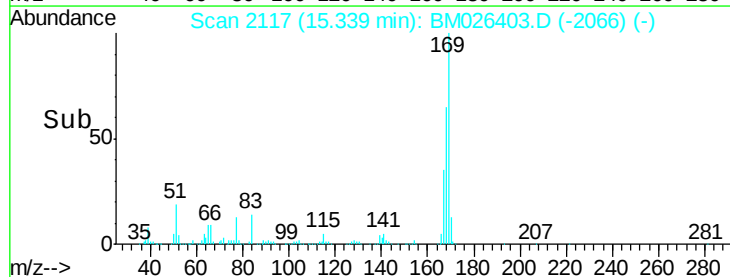
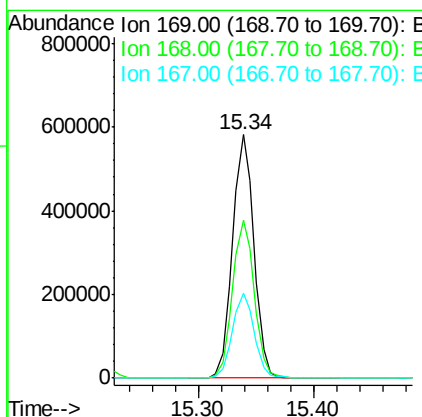
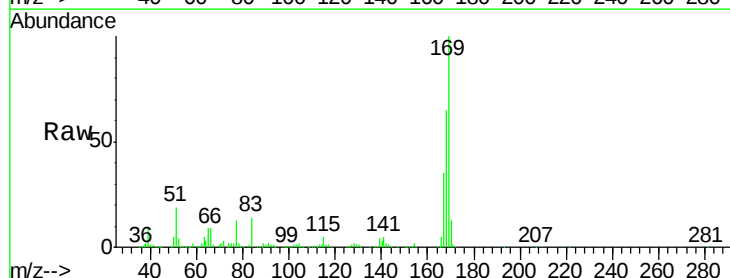
RT: 15.34 min Scan# 2117

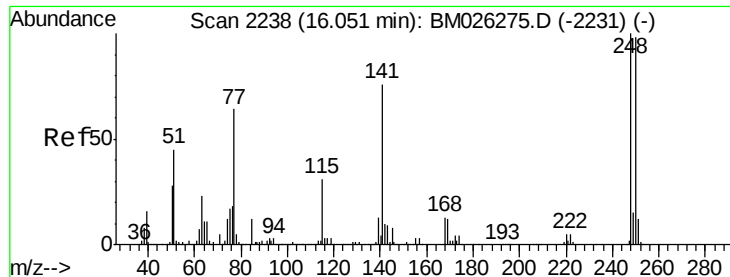
Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 744446 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 64.6  | 51.6  | 77.4   |
| 167       | 35.0  | 28.2  | 42.4   |





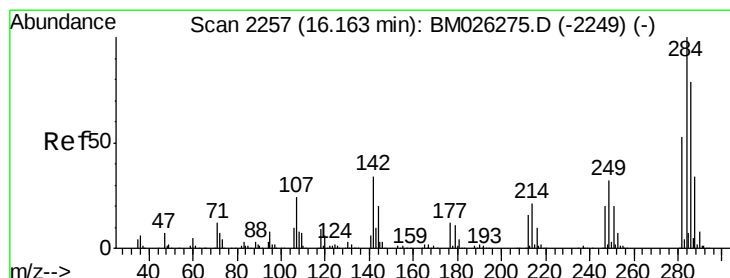
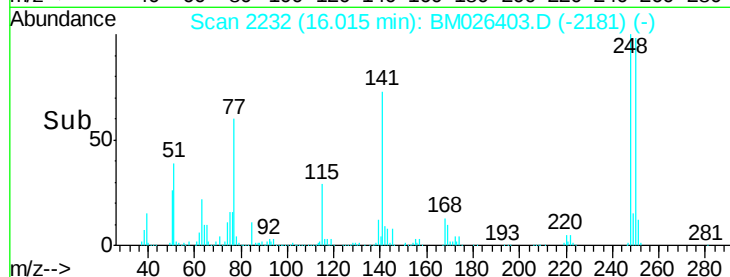
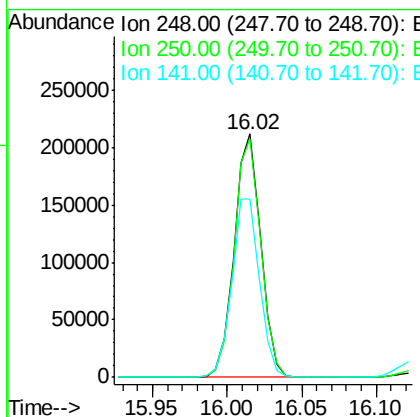
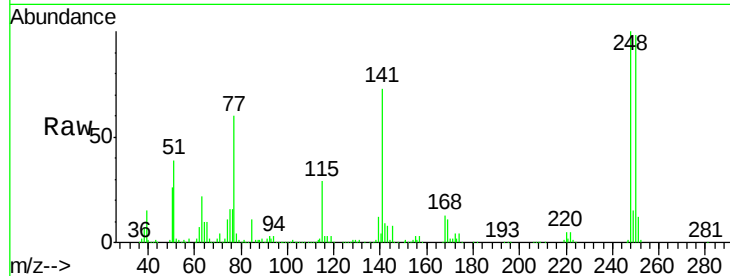
#67  
 4-Bromophenyl-phenylether  
 Concen: 43.397 ng  
 RT: 16.02 min Scan# 2232  
 Delta R.T. 0.00 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleID :  
 294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.7  | 78.4  | 117.6 |
| 141     | 73.4  | 60.6  | 91.0  |

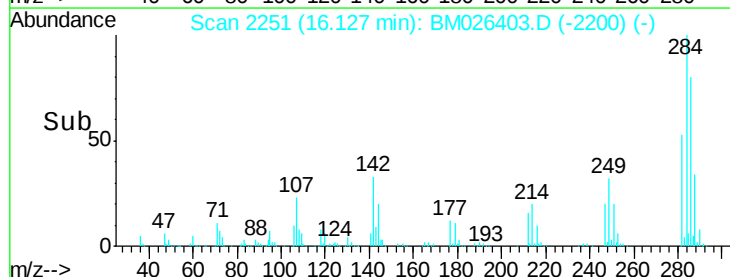
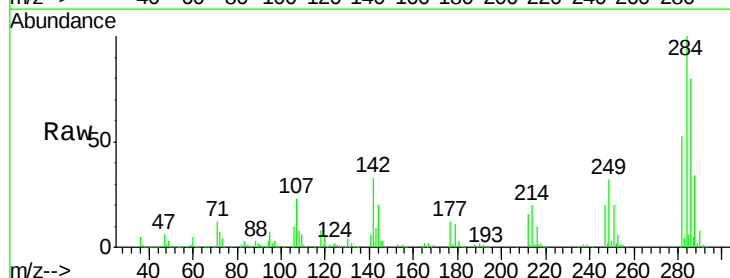
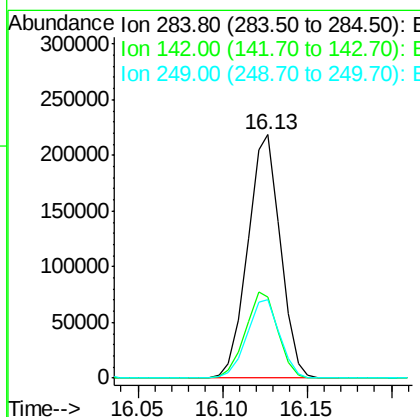
Manual Integrations  
 APPROVED

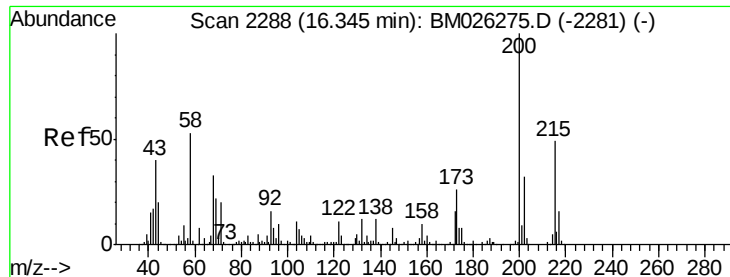
mohammad  
 6/16/2020 11:05:43 AM



#68  
 Hexachlorobenzene  
 Concen: 46.409 ng  
 RT: 16.13 min Scan# 2251  
 Delta R.T. 0.00 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.2  | 29.1  | 43.7  |
| 249     | 32.2  | 27.2  | 40.8  |





#69

Atrazine

Concen: 50.843 ng

RT: 16.31 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

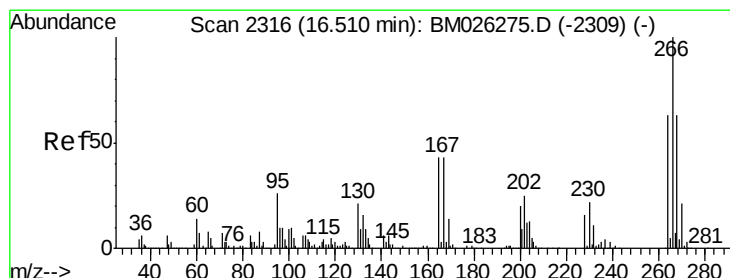
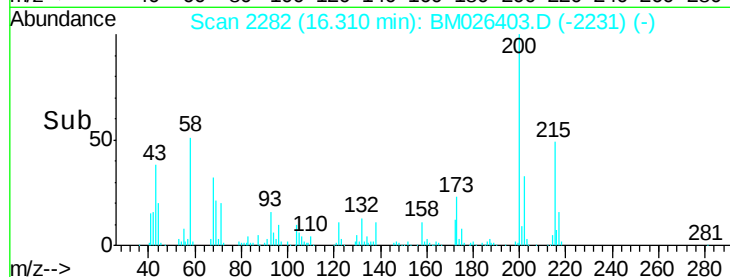
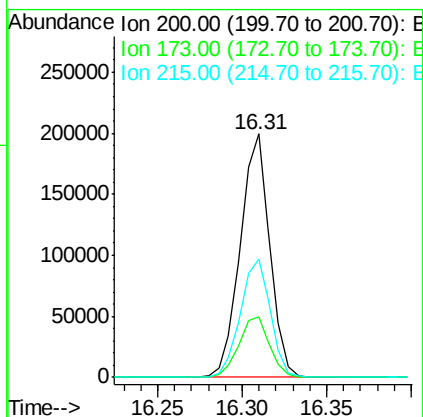
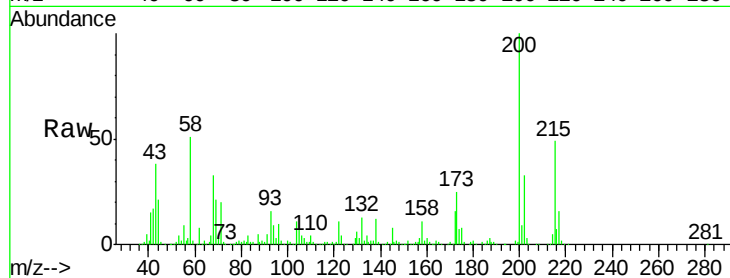
ClientSampleId :

294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 242535 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.6  | 6.6   | 46.6   |
| 215       | 48.6  | 29.8  | 69.8   |

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#70

Pentachlorophenol

Concen: 96.167 ng

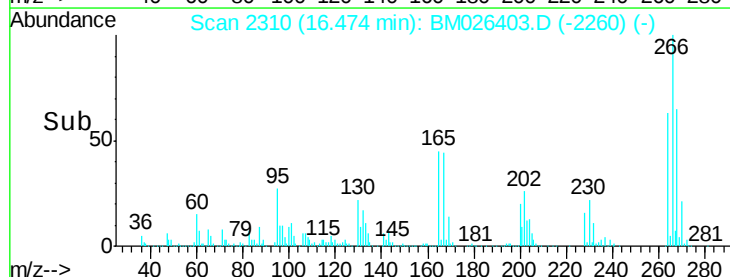
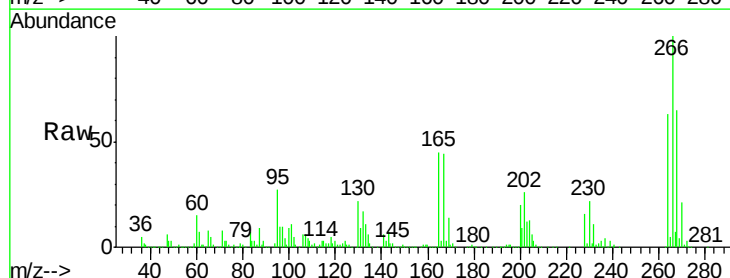
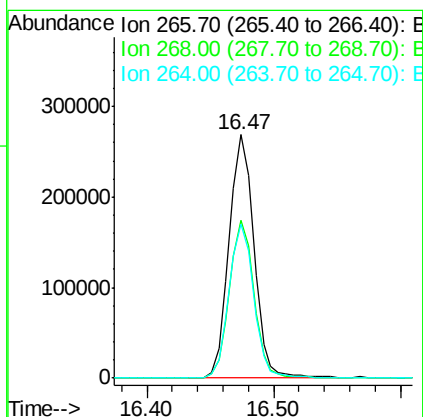
RT: 16.47 min Scan# 2310

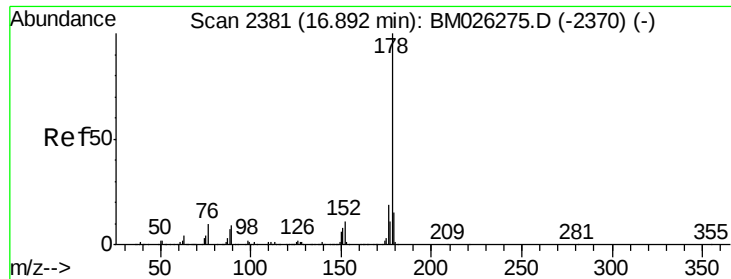
Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 366661 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 64.7  | 50.2  | 75.4   |
| 264       | 63.0  | 50.6  | 75.8   |





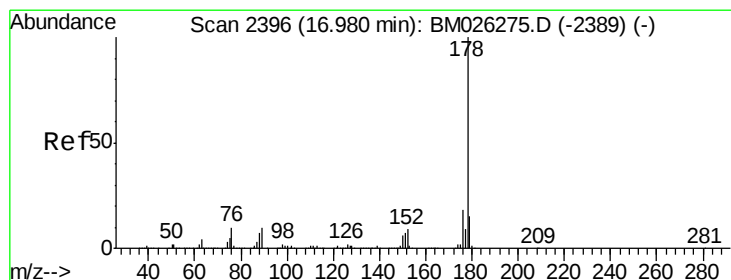
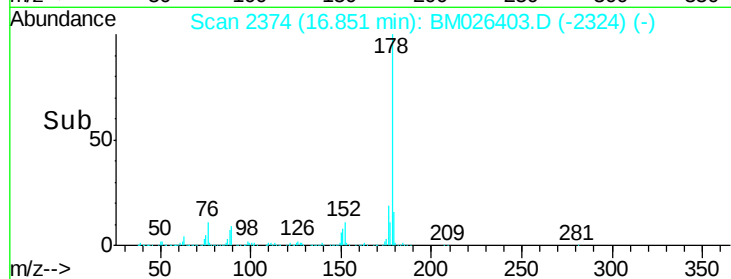
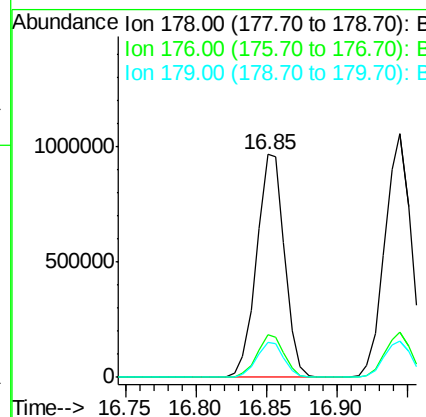
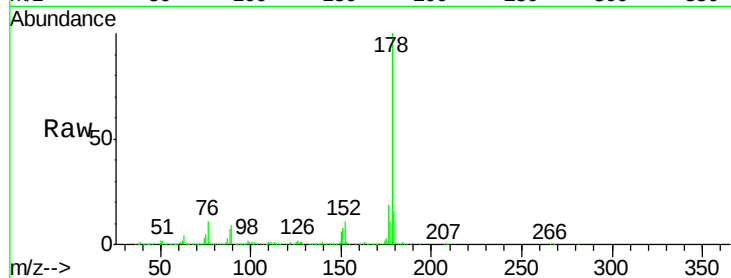
#71  
Phenanthrene  
Concen: 46.828 ng  
RT: 16.85 min Scan# 2374  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 19.2 | 15.1  | 22.7  |       |
| 179     | 15.7 | 12.3  | 18.5  |       |

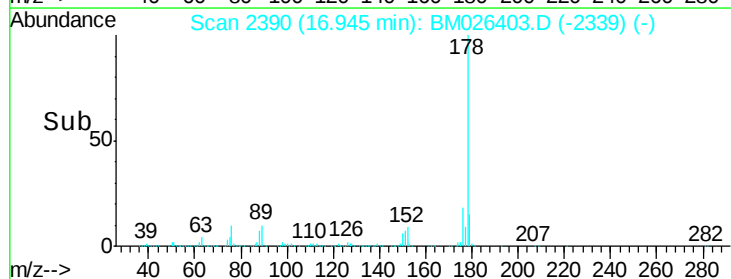
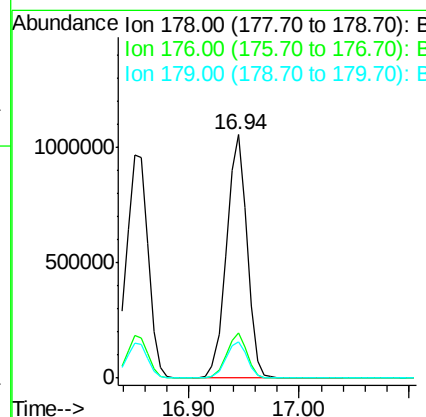
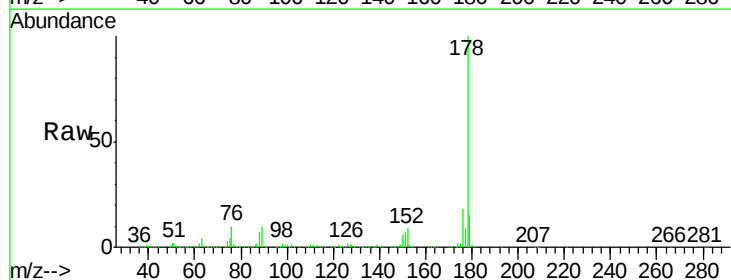
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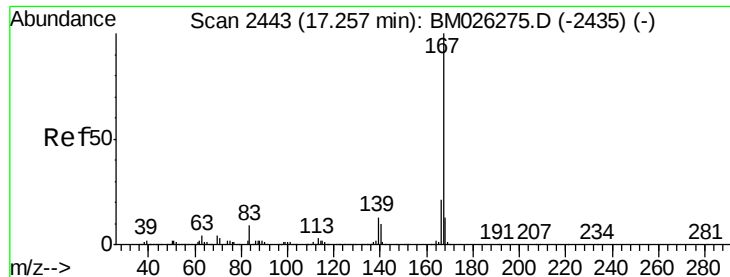
mohammad  
6/16/2020 11:05:43 AM



#72  
Anthracene  
Concen: 47.862 ng  
RT: 16.94 min Scan# 2390  
Delta R.T. 0.00 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 18.4 | 14.5  | 21.7  |       |
| 179     | 15.0 | 12.3  | 18.5  |       |





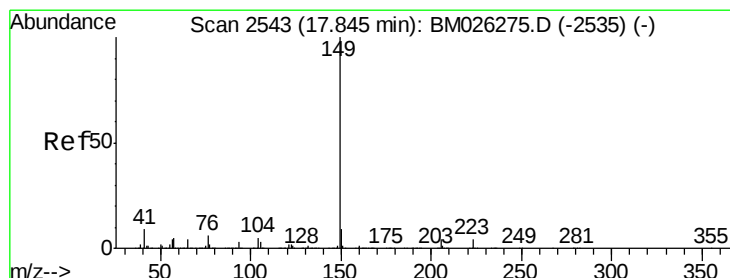
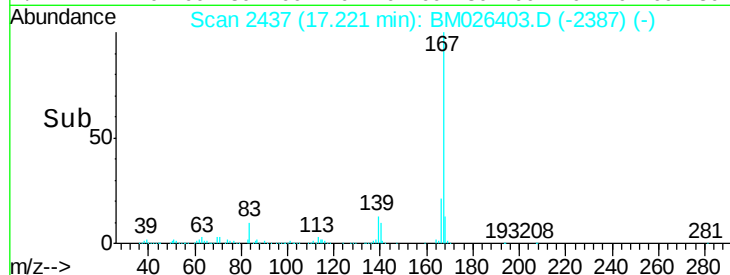
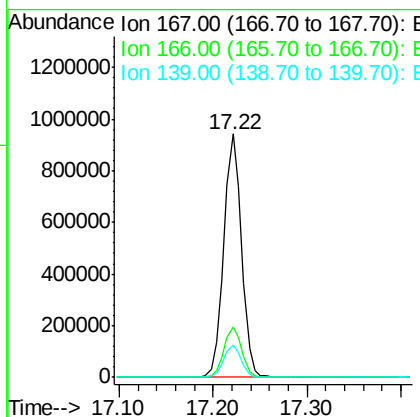
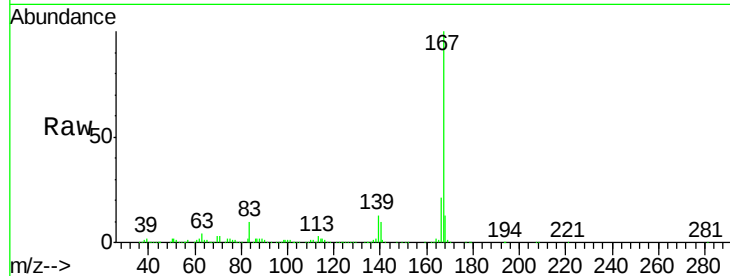
#73  
 Carbazole  
 Concen: 45.520 ng  
 RT: 17.22 min Scan# 2437  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.9  | 16.9  | 25.3  |
| 139     | 13.3  | 10.2  | 15.4  |

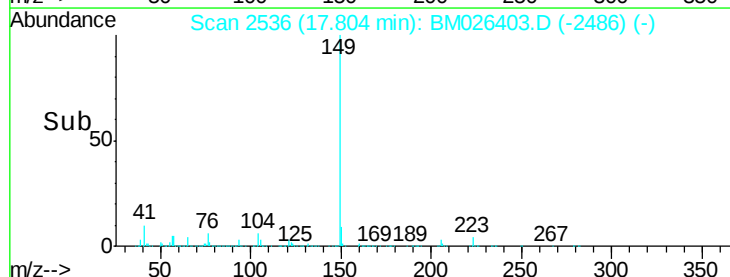
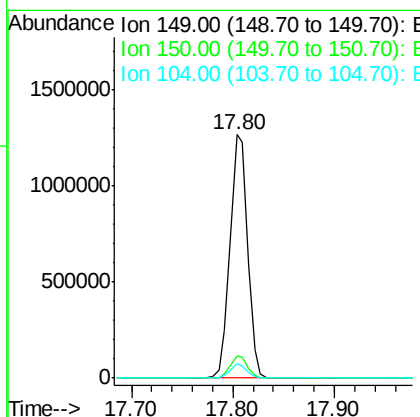
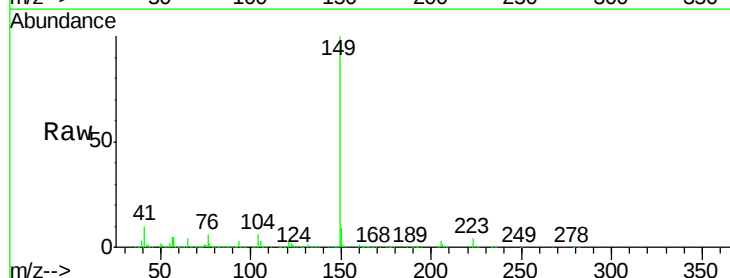
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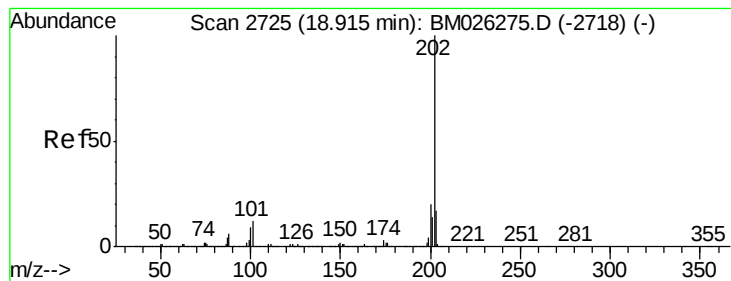
mohammad  
 6/16/2020 11:05:43 AM



#74  
 Di-n-butylphthalate  
 Concen: 47.372 ng  
 RT: 17.80 min Scan# 2536  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.1   | 10.7  |
| 104     | 5.7   | 4.2   | 6.2   |





#75

Fluoranthene

Concen: 50.190 ng

RT: 18.88 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

ClientSampleId :

294MSD

Tot Ion:202 Resp: 1651629

Ion Ratio Lower Upper

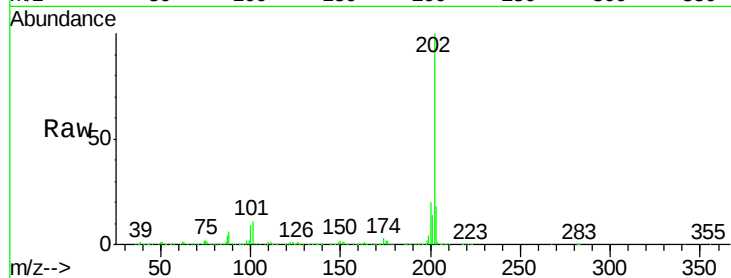
202 100

101 11.2 0.0 31.9

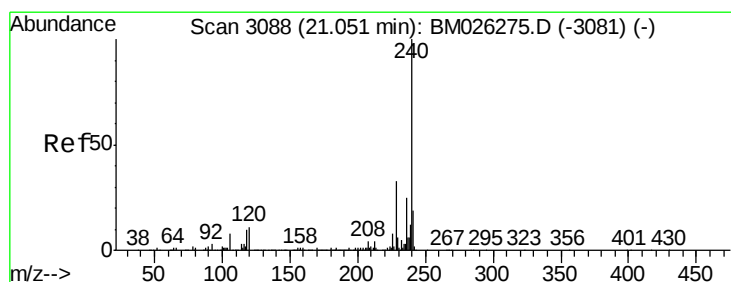
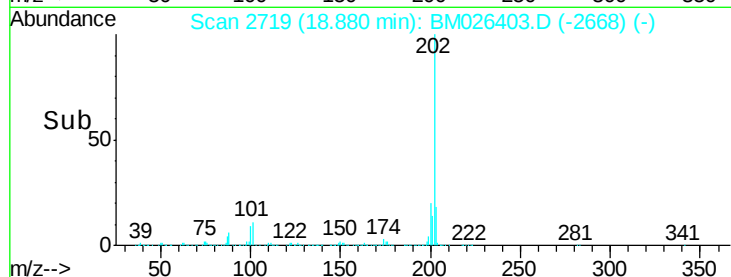
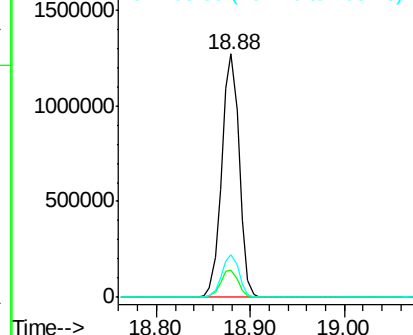
203 17.7 0.0 37.5

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3083

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

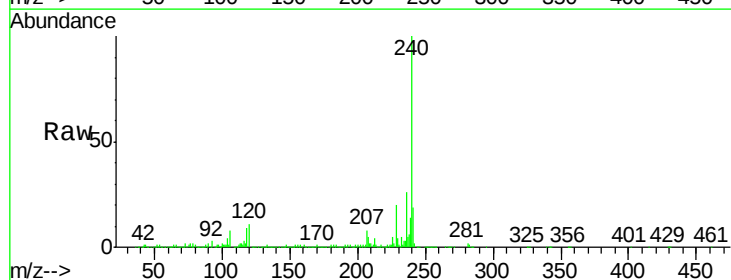
Tgt Ion:240 Resp: 572964

Ion Ratio Lower Upper

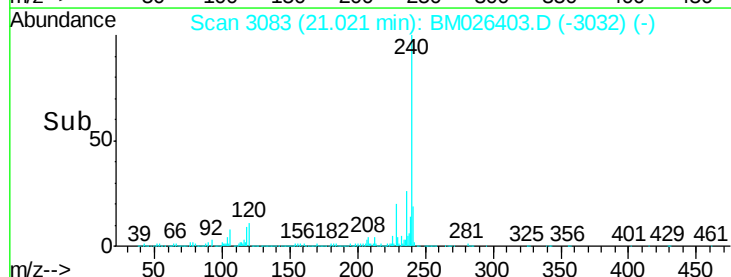
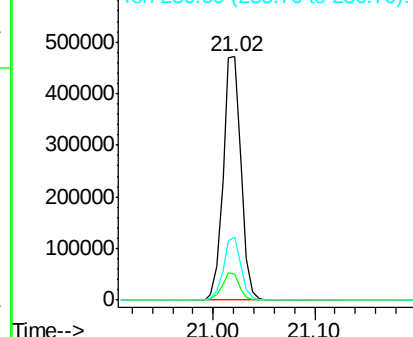
240 100

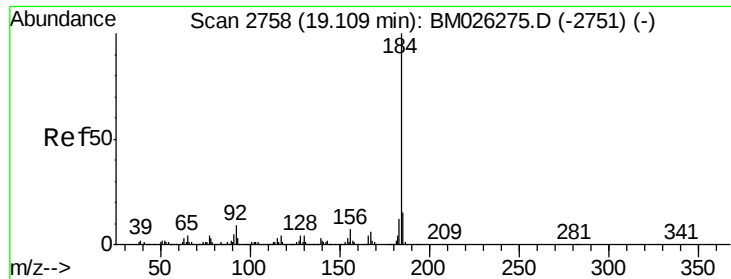
120 10.8 9.3 13.9

236 25.9 19.4 29.0



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





#77

Benzidine

Concen: 78.109 ng

RT: 19.08 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

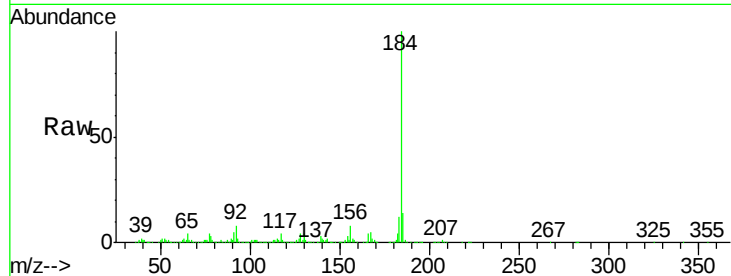
ClientSampleId :

294MSD

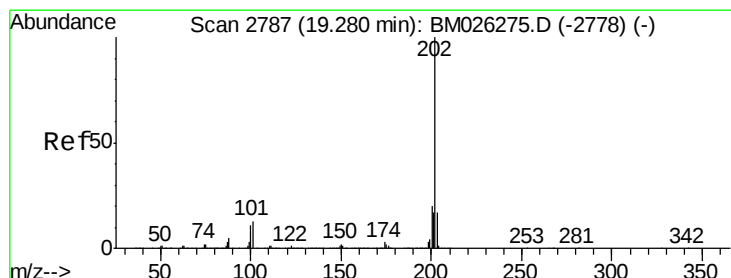
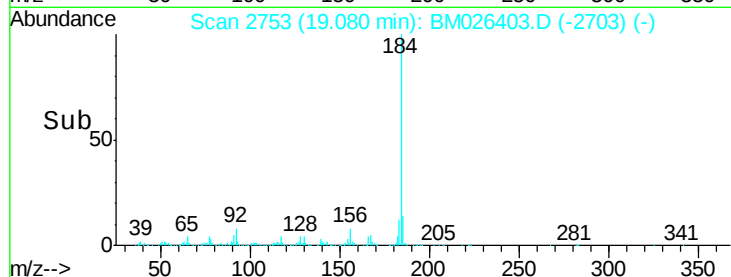
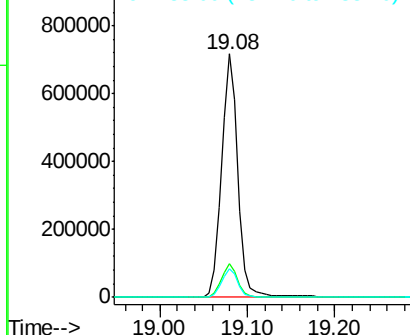
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 929606 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 11.2  | 16.8   |
| 183       | 11.7  | 9.4   | 14.2   |

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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: 43.826 ng

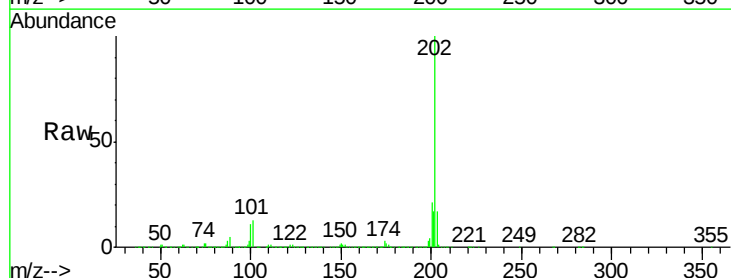
RT: 19.24 min Scan# 2781

Delta R.T. 0.00 min

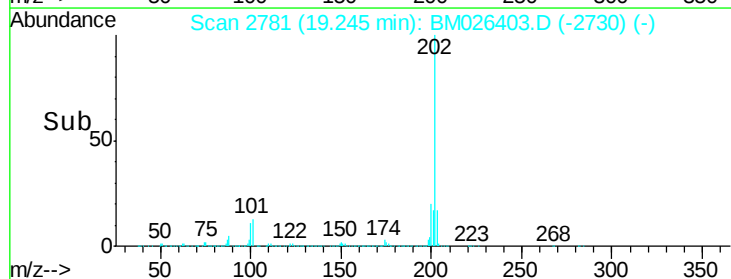
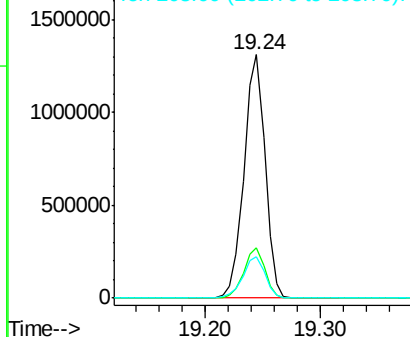
Lab File: BM026403.D

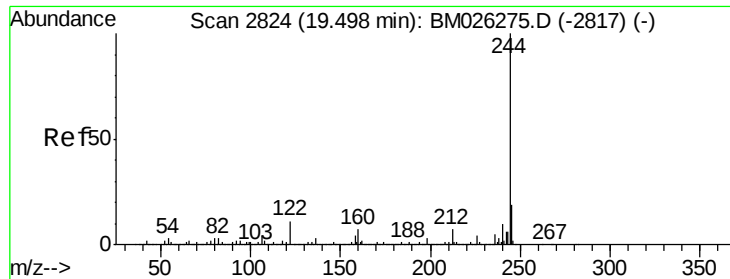
Acq: 15 Jun 2020 22:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1659149 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.5  | 16.3  | 24.5    |
| 203       | 17.3  | 13.8  | 20.6    |



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: 77.790 ng

RT: 19.47 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA\_M

ClientSampleId :

294MSD

Tot Ion:244 Resp: 2296074

Ion Ratio Lower Upper

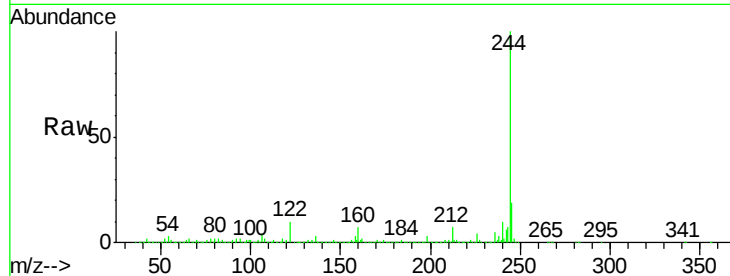
244 100

212 7.1 5.9 8.9

122 10.1 8.6 13.0

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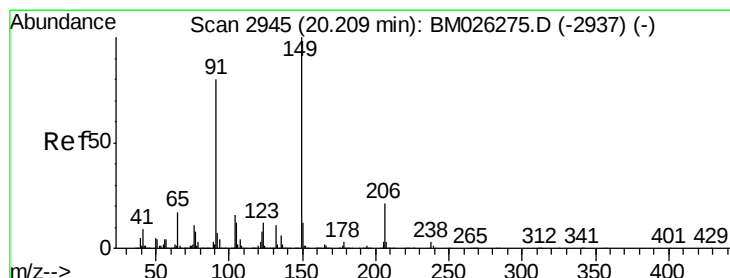
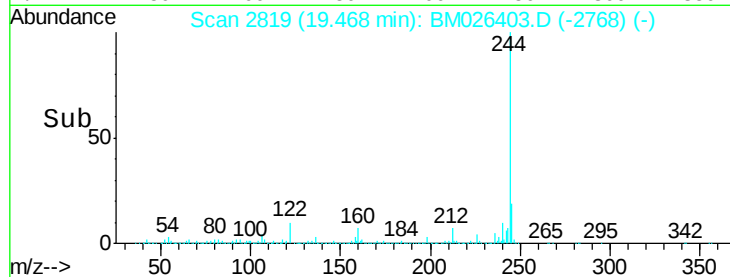
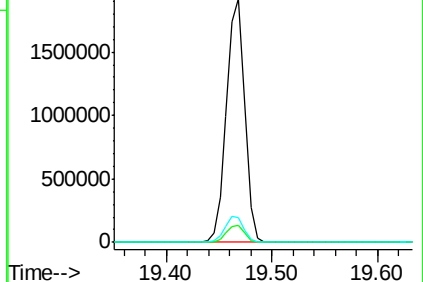
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.214 ng

RT: 20.18 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

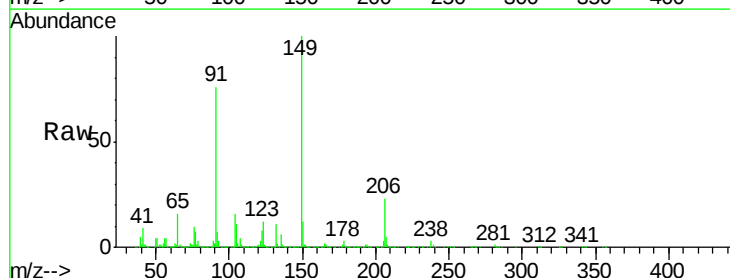
Tgt Ion:149 Resp: 692185

Ion Ratio Lower Upper

149 100

91 76.1 64.6 97.0

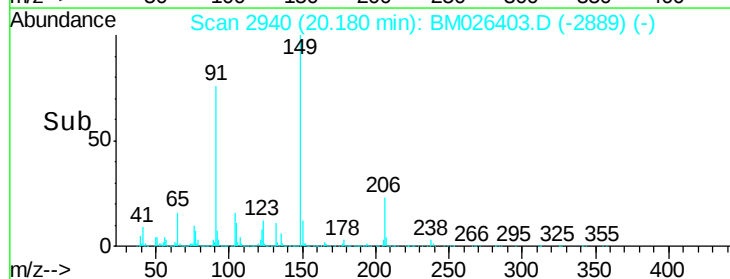
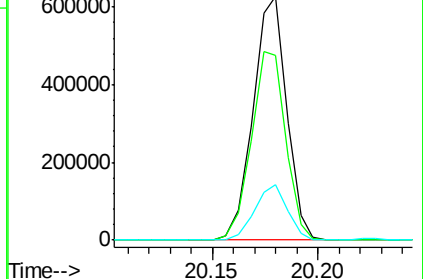
206 23.0 17.6 26.4

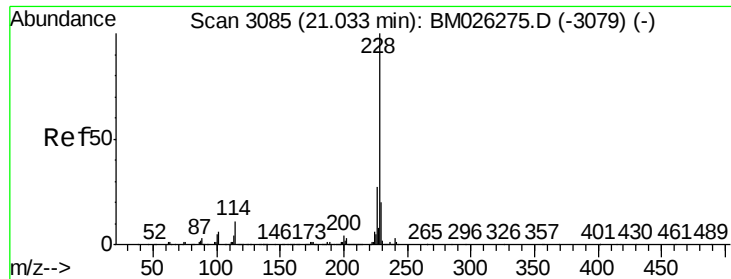


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





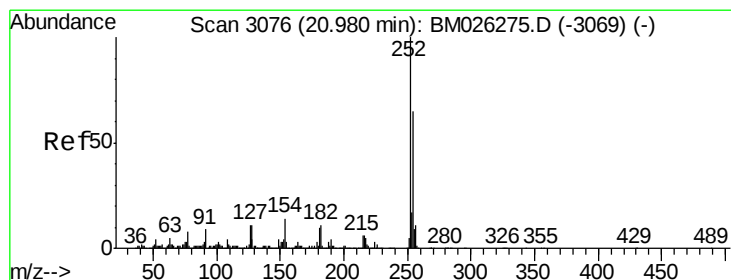
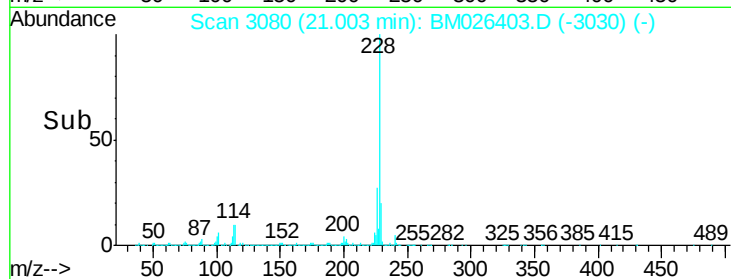
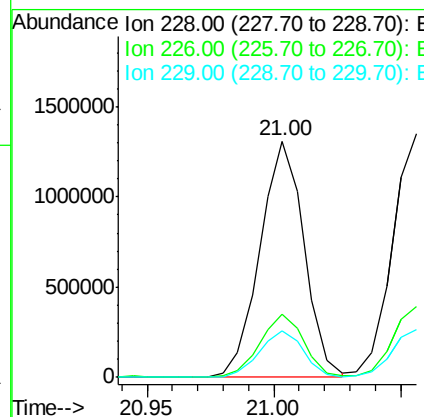
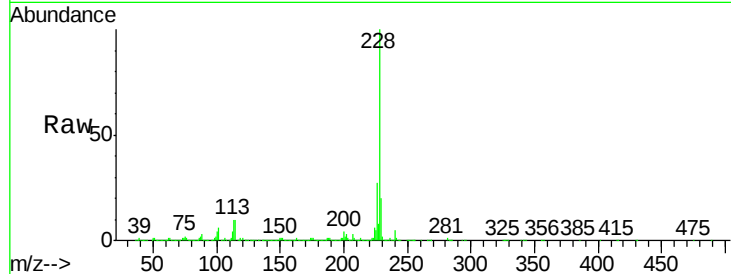
#81  
Benzo(a)anthracene  
Concen: 46.223 ng  
RT: 21.00 min Scan# 3080  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

Tot Ion: 228 Resp: 1589702  
Ion Ratio Lower Upper  
228 100  
226 26.6 21.1 31.7  
229 19.7 15.7 23.5

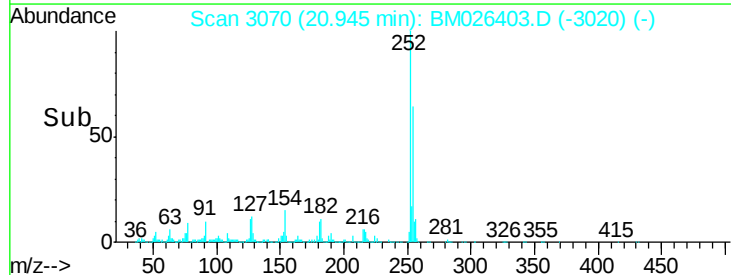
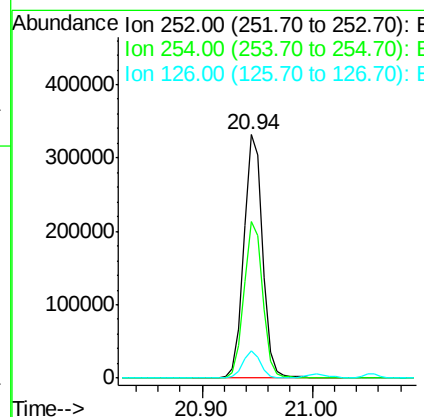
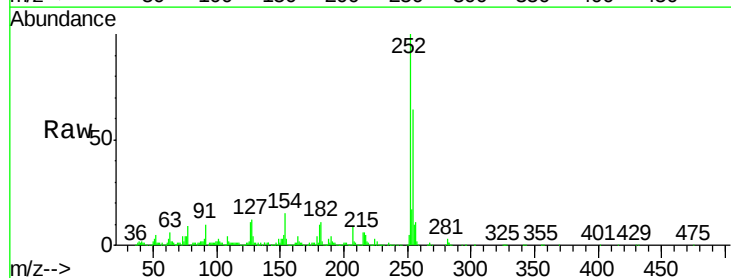
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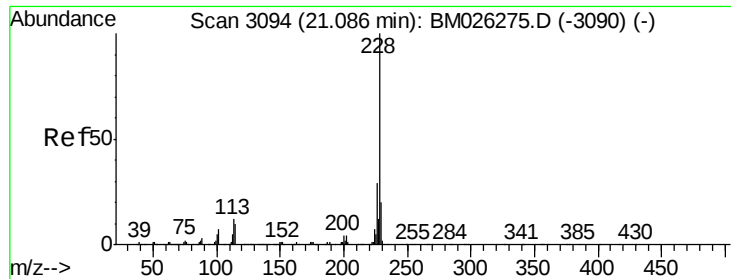
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 37.142 ng  
RT: 20.94 min Scan# 3070  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Tgt Ion: 252 Resp: 395208  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.0 76.6  
126 11.1 9.2 13.8





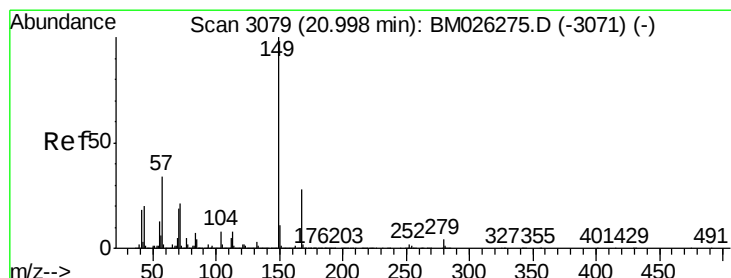
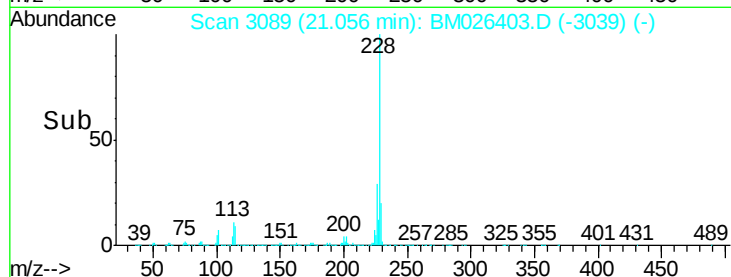
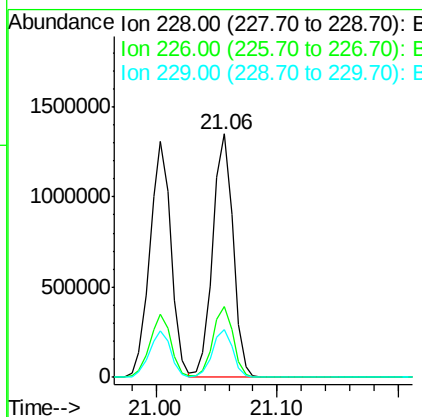
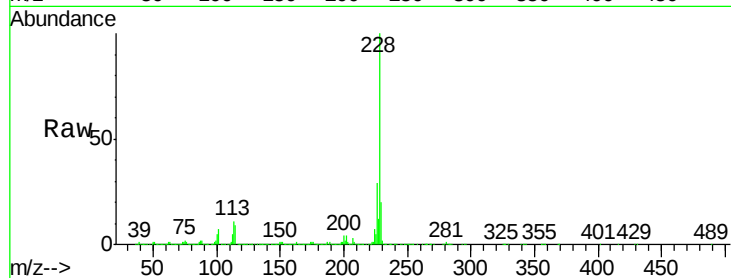
#83  
 Chrvsene  
 Concen: 47.426 ng  
 RT: 21.06 min Scan# 3089  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

Tot Ion:228 Resp: 1554339  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 23.8 35.6  
 229 19.6 15.5 23.3

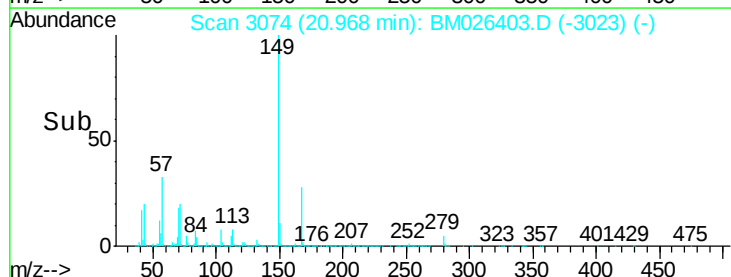
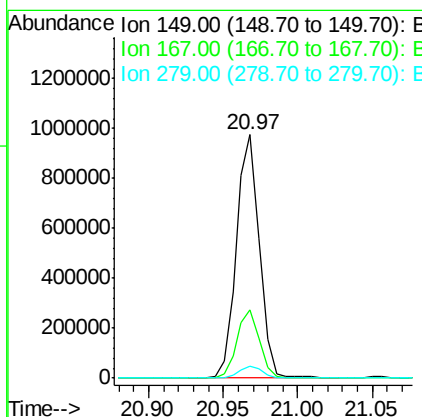
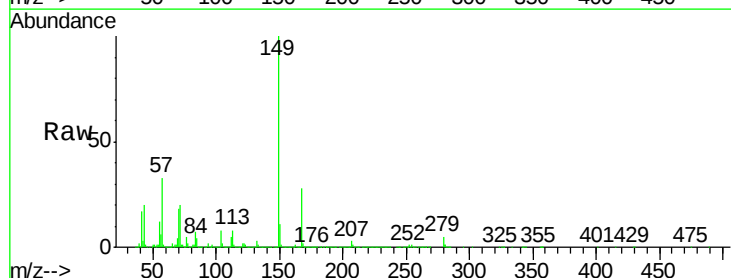
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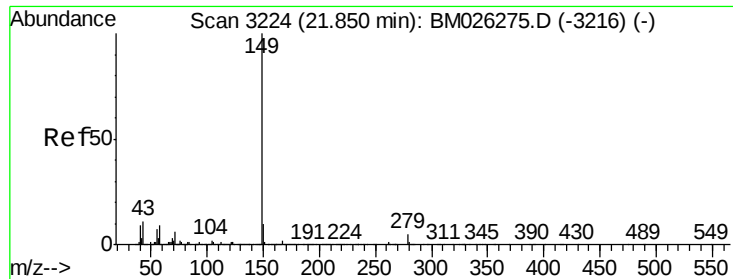
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.914 ng  
 RT: 20.97 min Scan# 3074  
 Delta R.T. 0.00 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Tgt Ion:149 Resp: 1045915  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 22.0 33.0  
 279 5.2 3.7 5.5





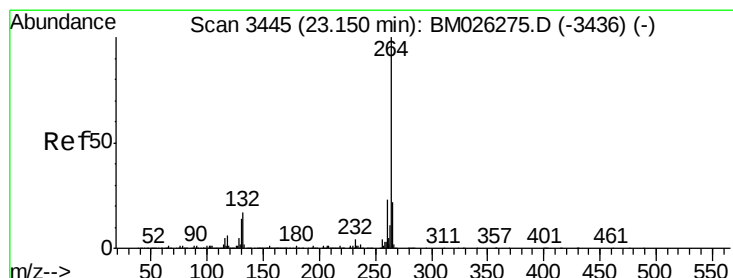
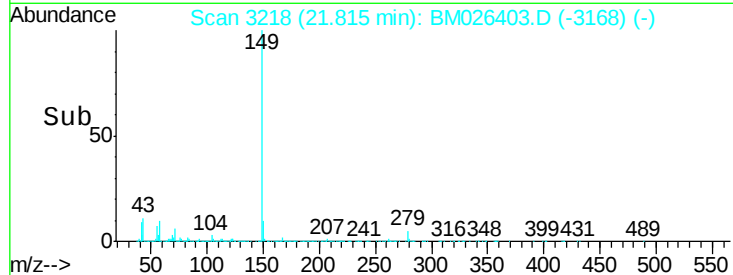
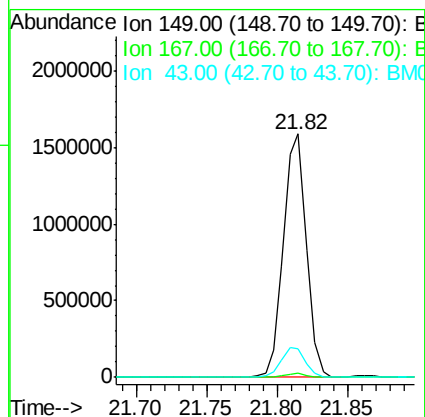
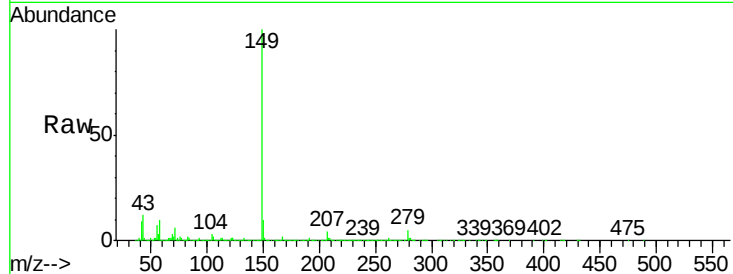
#85  
Di-n-octyl phthalate  
Concen: 53.168 ng  
RT: 21.82 min Scan# 3218  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 12.4  | 10.3  | 15.5  |

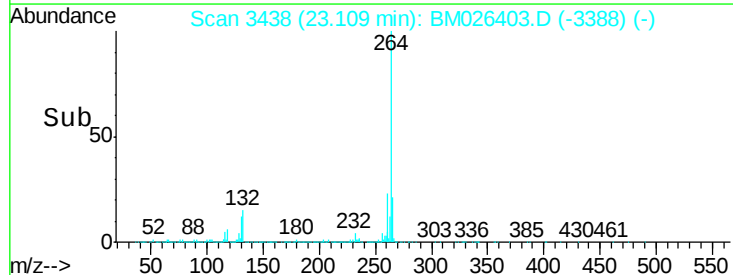
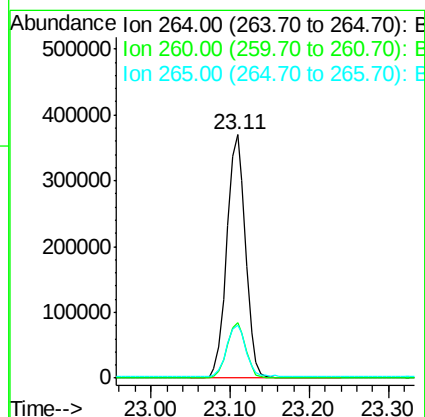
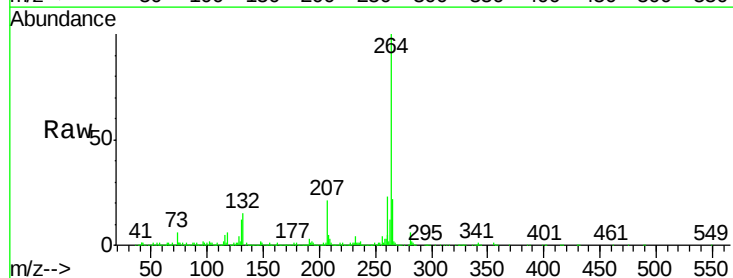
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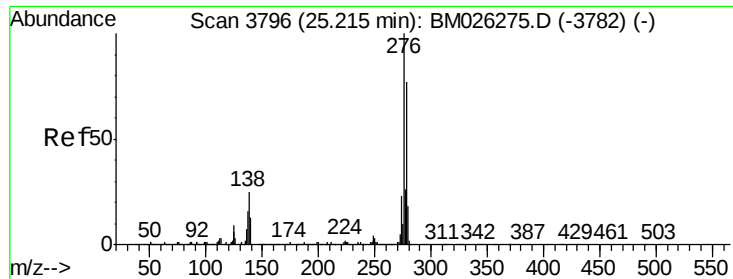
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.11 min Scan# 3438  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 18.6  | 28.0  |
| 265     | 21.7  | 17.8  | 26.6  |





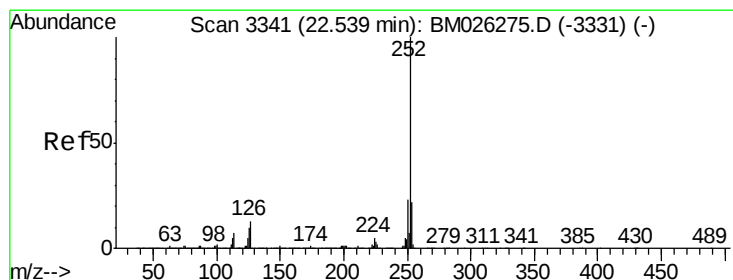
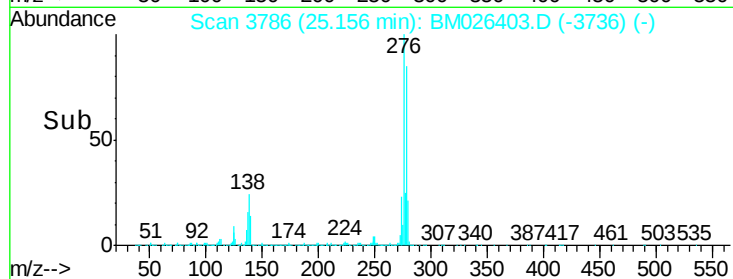
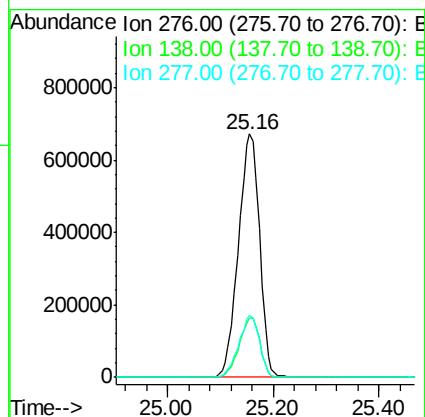
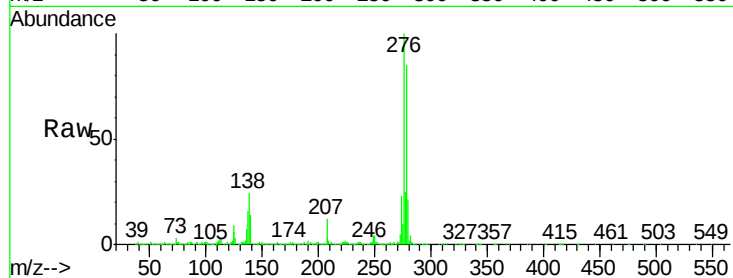
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 53.560 ng  
 RT: 25.16 min Scan# 3786  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.9  | 19.0  | 28.6  |
| 277     | 24.8  | 20.2  | 30.4  |

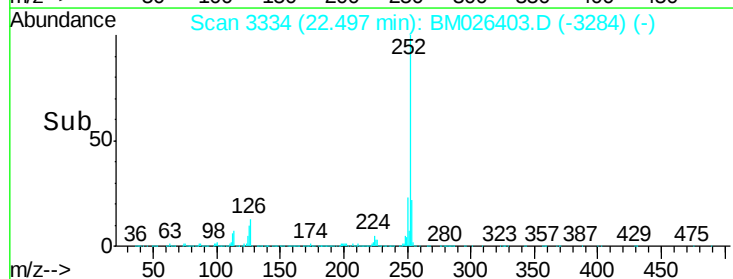
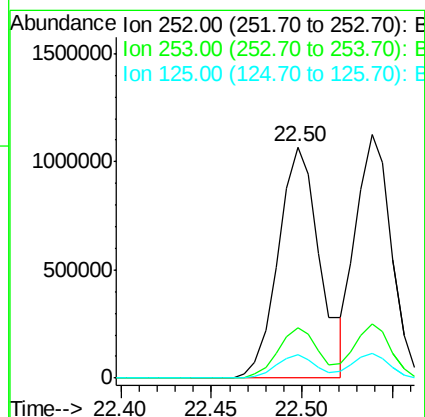
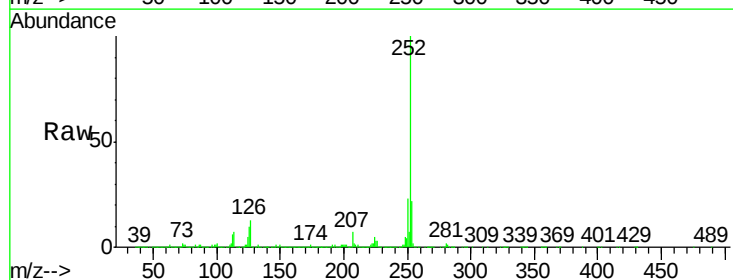
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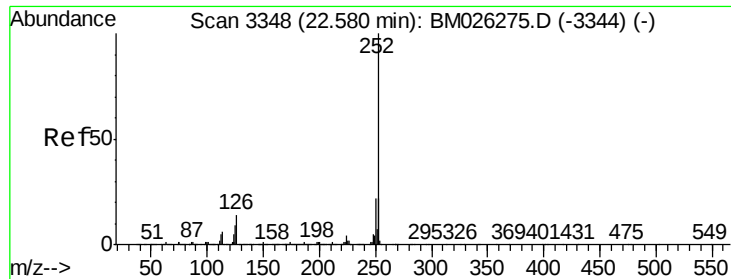
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#88  
 Benzo(b)fluoranthene  
 Concen: 47.007 ng  
 RT: 22.50 min Scan# 3334  
 Delta R.T. -0.01 min  
 Lab File: BM026403.D  
 Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.6  | 26.4  |
| 125     | 10.1  | 8.0   | 12.0  |





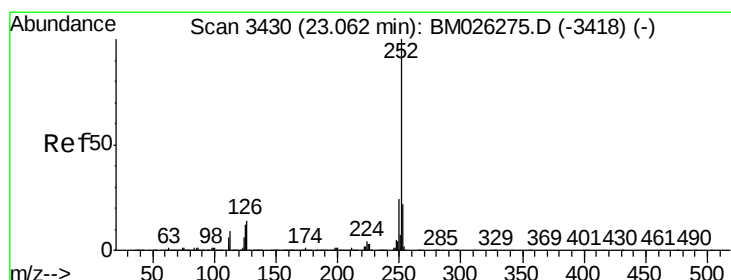
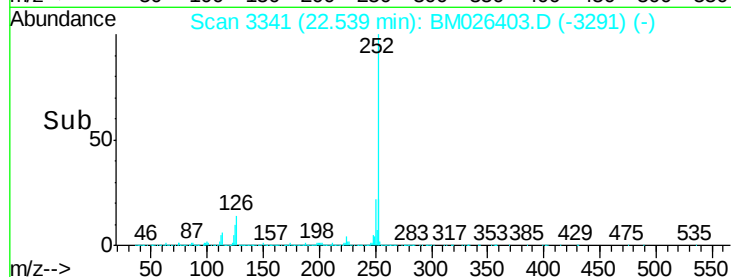
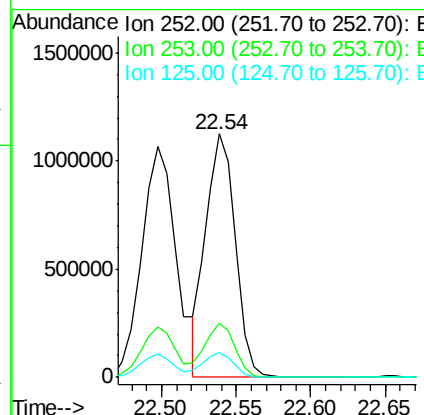
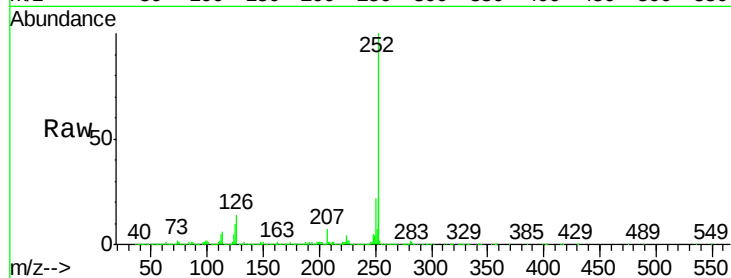
#89  
Benzo(k)fluoranthene  
Concen: 43.223 ng  
RT: 22.54 min Scan# 3341  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.2  | 25.8  |
| 125     | 10.1  | 7.8   | 11.8  |

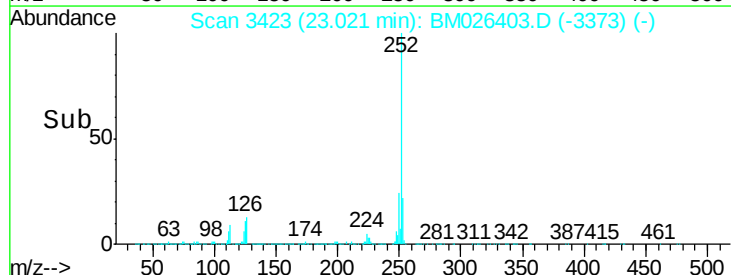
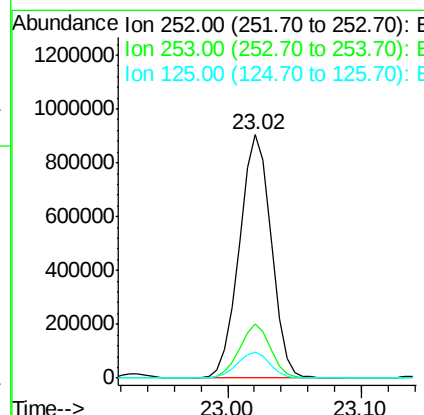
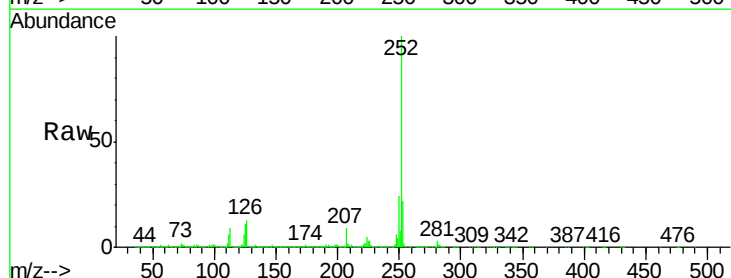
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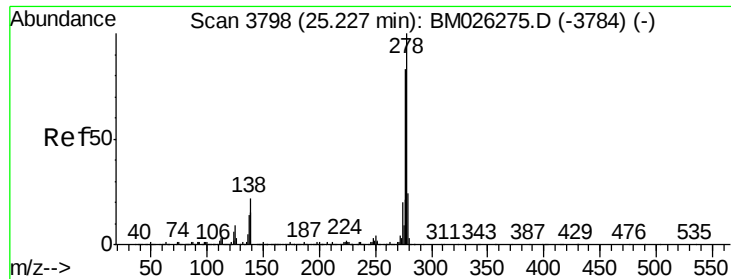
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#90  
Benzo(a)pyrene  
Concen: 46.212 ng  
RT: 23.02 min Scan# 3423  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.3  | 25.9  |
| 125     | 10.8  | 8.6   | 12.8  |





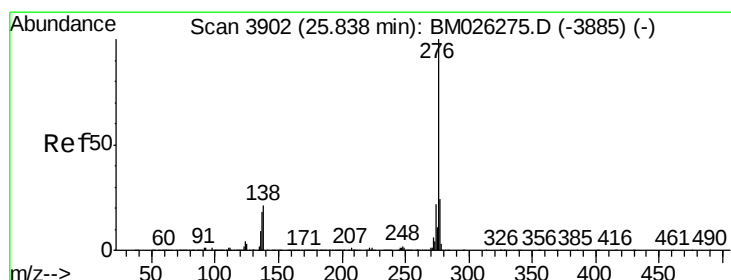
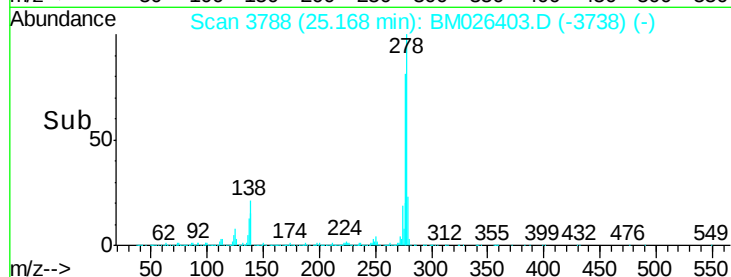
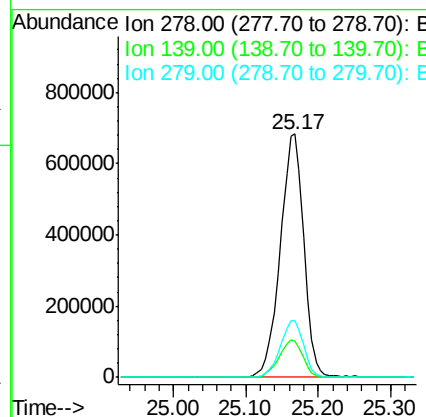
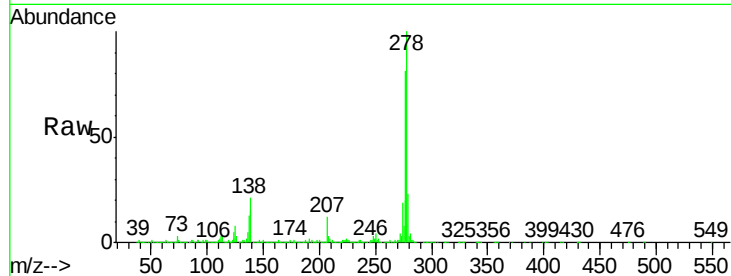
#91  
Dibenzo(a,h)anthracene  
Concen: 53.412 ng  
RT: 25.17 min Scan# 3788  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
294MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 278     | 100  |       |       |       |
| 139     | 14.8 | 12.3  | 18.5  |       |
| 279     | 23.3 | 18.9  | 28.3  |       |

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#92  
Benzo(g,h,i)perylene  
Concen: 55.044 ng  
RT: 25.77 min Scan# 3891  
Delta R.T. -0.01 min  
Lab File: BM026403.D  
Acq: 15 Jun 2020 22:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 276     | 100  |       |       |       |
| 277     | 23.4 | 19.0  | 28.4  |       |
| 138     | 20.0 | 16.2  | 24.4  |       |

