

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\  
 Data File : BM022432.D  
 Acq On : 30 Aug 2019 09:07  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 8/31/2019 2:43:43 PM

Quant Time: Aug 30 15:08:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 29 16:51:32 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 22452    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.30 | 136  | 99722    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.19 | 164  | 72324    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.95 | 188  | 172263   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.17 | 240  | 254436   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.36 | 264  | 244193   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.15  | 112 | 107438  | 84.00 | ng | 0.00 |
| 7) Phenol-d6                | 6.72  | 99  | 147516  | 86.24 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.70  | 82  | 189839  | 83.38 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.70 | 330 | 117985  | 79.72 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.79 | 172 | 491495  | 76.99 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.60 | 244 | 1412050 | 73.24 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.13  | 88  | 23633  | 40.040 | ng | 98   |
| 3) Pyridine                    | 3.53  | 79  | 65635  | 46.230 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.46  | 42  | 40467  | 41.342 | ng | # 98 |
| 6) Aniline                     | 6.88  | 93  | 95108  | 43.630 | ng | 99   |
| 8) 2-Chlorophenol              | 7.09  | 128 | 63091  | 42.853 | ng | 98   |
| 9) Benzaldehyde                | 6.70  | 77  | 47784  | 44.840 | ng | 91   |
| 10) Phenol                     | 6.75  | 94  | 74508  | 43.361 | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 6.97  | 93  | 58755  | 45.308 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 7.41  | 146 | 75590  | 42.315 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 7.56  | 146 | 77315  | 42.716 | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 7.86  | 146 | 76422  | 42.117 | ng | 96   |
| 15) Benzyl Alcohol             | 7.79  | 79  | 73538  | 45.317 | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.06  | 45  | 74241  | 44.177 | ng | 97   |
| 17) 2-Methylphenol             | 7.98  | 107 | 53834  | 43.080 | ng | 96   |
| 18) Hexachloroethane           | 8.56  | 117 | 34264  | 40.829 | ng | 98   |
| 19) n-Nitroso-di-n-propylamine | 8.34  | 70  | 57740  | 43.495 | ng | 98   |
| 20) 3+4-Methylphenols          | 8.32  | 107 | 74386  | 43.835 | ng | 99   |
| 22) Acetophenone               | 8.36  | 105 | 113621 | 41.261 | ng | 98   |
| 24) Nitrobenzene               | 8.74  | 77  | 91238  | 41.628 | ng | 97   |
| 25) Isophorone                 | 9.26  | 82  | 153616 | 42.971 | ng | 98   |
| 26) 2-Nitrophenol              | 9.44  | 139 | 38061  | 43.352 | ng | 98   |
| 27) 2,4-Dimethylphenol         | 9.50  | 122 | 54865  | 41.894 | ng | 95   |
| 28) bis(2-Chloroethoxy)methane | 9.73  | 93  | 86701  | 41.914 | ng | 96   |
| 29) 2,4-Dichlorophenol         | 9.97  | 162 | 70825  | 41.334 | ng | 94   |
| 30) 1,2,4-Trichlorobenzene     | 10.16 | 180 | 88413  | 40.521 | ng | 98   |
| 31) Naphthalene                | 10.35 | 128 | 212706 | 41.008 | ng | 98   |
| 32) Benzoic acid               | 9.72  | 122 | 46818  | 45.388 | ng | 98   |
| 33) 4-Chloroaniline            | 10.49 | 127 | 95949  | 42.992 | ng | 97   |
| 34) Hexachlorobutadiene        | 10.59 | 225 | 83942  | 39.004 | ng | 96   |
| 35) Caprolactam                | 11.33 | 113 | 21519m | 49.410 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 11.63 | 107 | 76617  | 42.424 | ng | 97   |
| 37) 2-Methylnaphthalene        | 11.97 | 142 | 159726 | 40.523 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.19 | 142 | 154139 | 40.515 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.35 | 216 | 132149 | 38.500 | ng | 98   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\  
 Data File : BM022432.D  
 Acq On : 30 Aug 2019 09:07  
 Operator : HP/JU  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTDC040

Manual Integrations  
 APPROVED

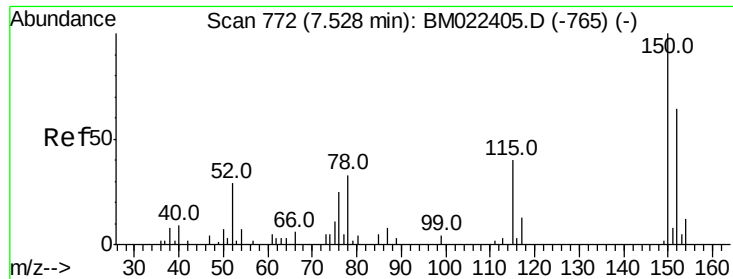
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 8/31/2019 2:43:43 PM

Quant Time: Aug 30 15:08:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 29 16:51:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.29 | 237  | 44094    | 38.180 | nq    | 95       |
| 43) 2,4,6-Trichlorophenol      | 12.61 | 196  | 75956    | 40.997 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.69 | 196  | 75003    | 40.827 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.00 | 154  | 233943   | 39.587 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.05 | 162  | 186564   | 39.760 | nq    | 100      |
| 48) 2-Nitroaniline             | 13.30 | 65   | 64873    | 42.926 | nq    | 100      |
| 49) Acenaphthylene             | 13.91 | 152  | 286821   | 40.500 | nq    | 98       |
| 50) Dimethylphthalate          | 13.66 | 163  | 259791   | 41.300 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.80 | 165  | 52888    | 42.801 | nq    | 96       |
| 52) Acenaphthene               | 14.25 | 154  | 169455   | 39.897 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.14 | 138  | 51608    | 43.497 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 14.38 | 184  | 28151    | 42.251 | nq    | 97       |
| 55) Dibenzofuran               | 14.59 | 168  | 285758   | 39.938 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.48 | 139  | 33684    | 45.116 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.61 | 165  | 77604    | 43.683 | nq    | # 92     |
| 58) Fluorene                   | 15.24 | 166  | 255229   | 39.927 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.83 | 232  | 85857    | 41.470 | nq    | 99       |
| 60) Diethylphthalate           | 15.03 | 149  | 273131   | 41.569 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.24 | 204  | 171823   | 39.089 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.33 | 138  | 53034    | 47.757 | nq    | 91       |
| 63) Azobenzene                 | 15.54 | 77   | 268139   | 40.882 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.39 | 198  | 43926    | 42.733 | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.47 | 169  | 207863   | 39.967 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.14 | 248  | 106189   | 39.179 | nq    | 95       |
| 68) Hexachlorobenzene          | 16.24 | 284  | 123236   | 40.140 | nq    | 95       |
| 69) Atrazine                   | 16.44 | 200  | 87028    | 39.303 | nq    | 99       |
| 70) Pentachlorophenol          | 16.61 | 266  | 59529    | 43.350 | nq    | 98       |
| 71) Phenanthrene               | 17.00 | 178  | 408363   | 40.669 | nq    | 99       |
| 72) Anthracene                 | 17.09 | 178  | 401238   | 40.614 | nq    | 100      |
| 73) Carbazole                  | 17.38 | 167  | 351220   | 43.009 | nq    | 99       |
| 74) Di-n-butylphthalate        | 17.92 | 149  | 480549   | 43.398 | nq    | 99       |
| 75) Fluoranthene               | 19.03 | 202  | 594564   | 44.464 | nq    | 99       |
| 77) Benzidine                  | 19.24 | 184  | 204140   | 47.648 | nq    | 100      |
| 78) Pyrene                     | 19.40 | 202  | 614659   | 35.448 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.30 | 149  | 248756   | 41.107 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.16 | 228  | 760373   | 41.636 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.10 | 252  | 255368   | 45.078 | nq    | 98       |
| 83) Chrysene                   | 21.21 | 228  | 715820   | 41.180 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149  | 370178   | 45.052 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 21.94 | 149  | 638275   | 48.368 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.55 | 276  | 704073   | 40.268 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 22.71 | 252  | 729257   | 42.988 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 22.76 | 252  | 699260   | 41.551 | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.27 | 252  | 629834   | 41.829 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.55 | 278  | 594969   | 39.626 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.21 | 276  | 481989   | 36.833 | nq    | 99       |

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





#1

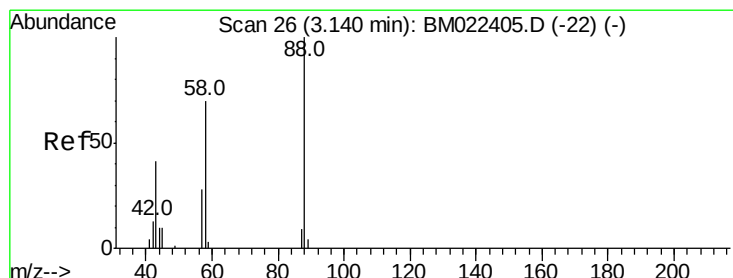
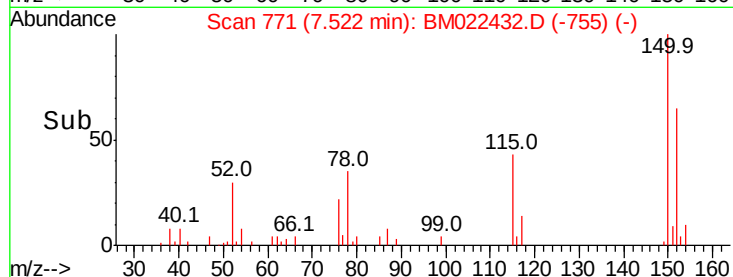
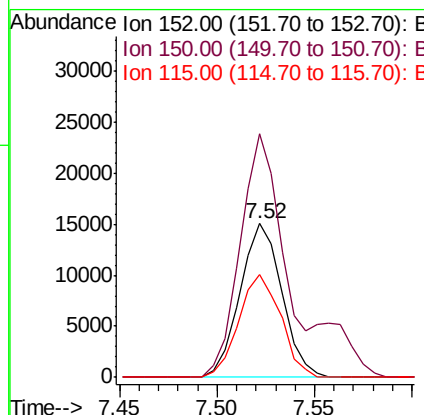
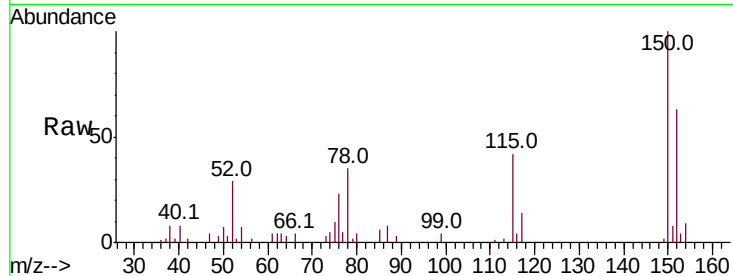
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.52 min Scan# 771  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.5 | 125.4 | 188.0 |
| 115     | 66.5  | 50.3  | 75.5  |

Manual Integrations  
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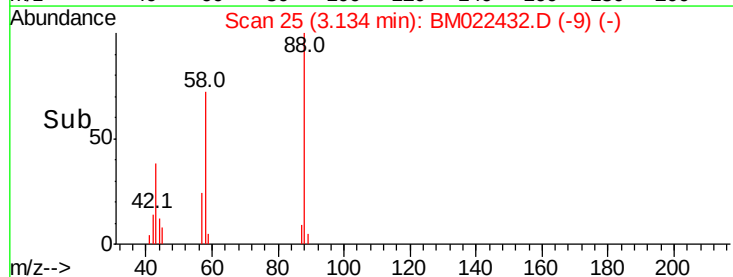
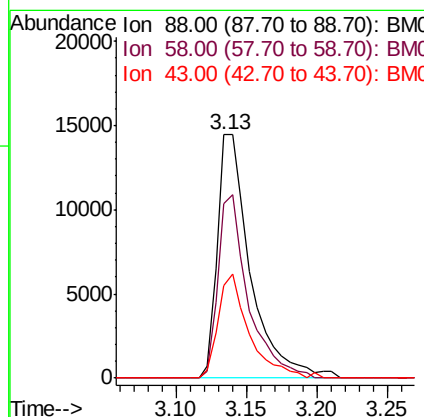
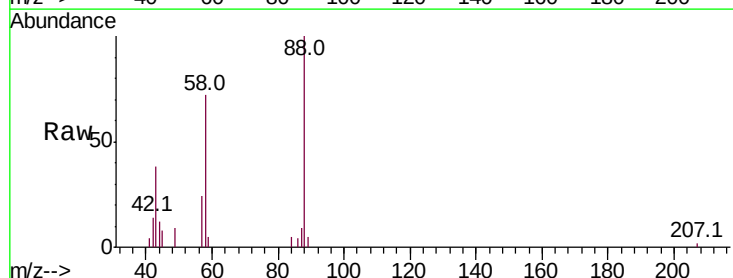
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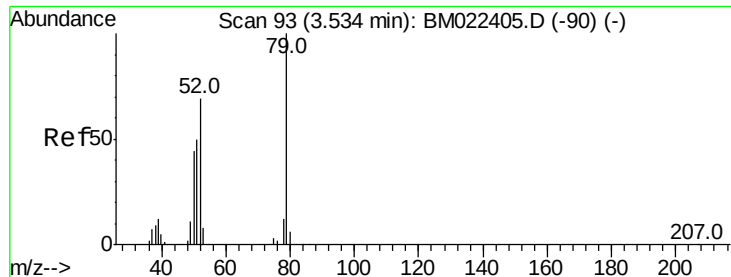


#2

1,4-Dioxane  
Concen: 40.040 ng  
RT: 3.13 min Scan# 25  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.7  | 53.8  | 80.8  |
| 43      | 40.2  | 30.6  | 46.0  |





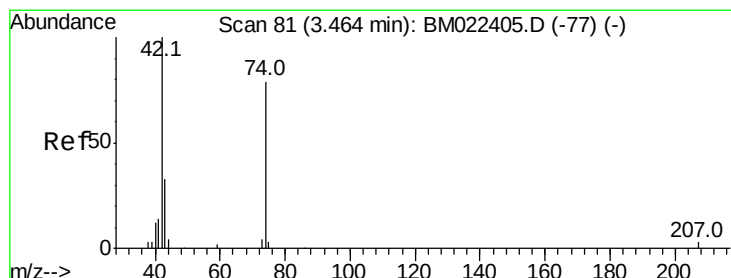
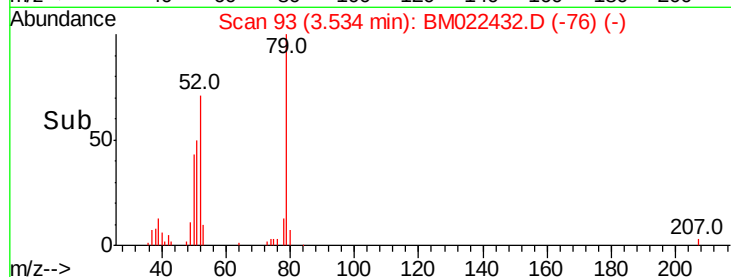
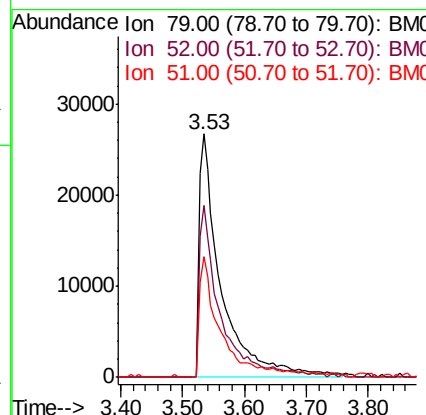
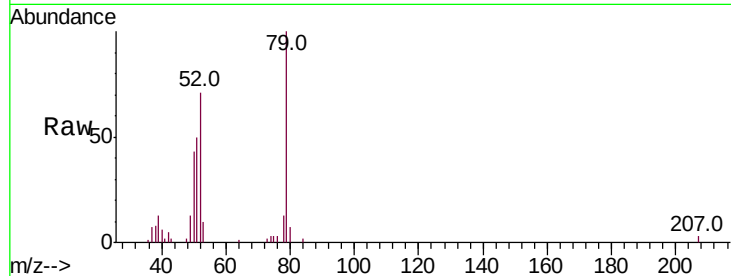
#3  
 Pvrindine  
 Concen: 46.230 ng  
 RT: 3.53 min Scan# 93  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 70.8  | 54.8  | 82.2  |
| 51      | 49.7  | 40.2  | 60.4  |

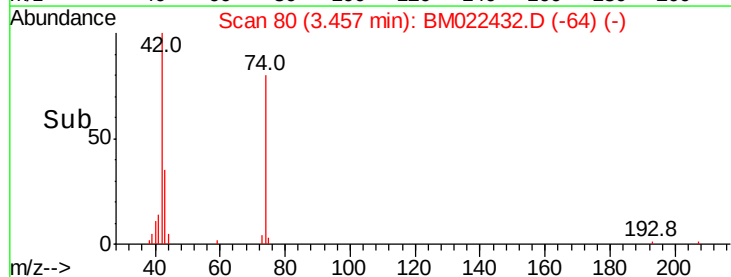
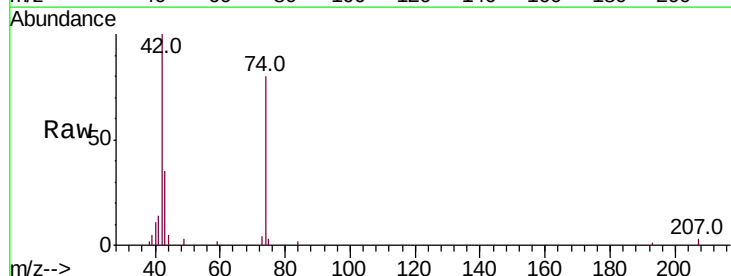
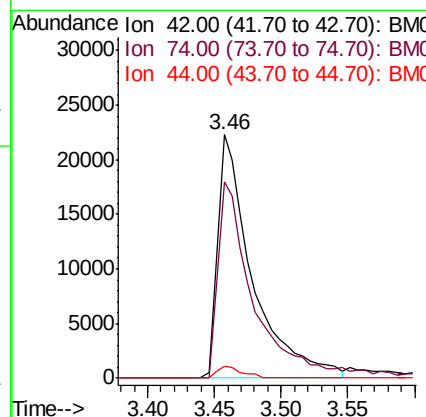
Manual Integrations  
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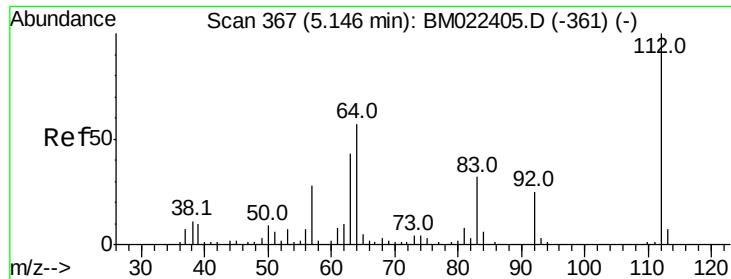
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#4  
 n-Nitrosodimethylamine  
 Concen: 41.342 ng  
 RT: 3.46 min Scan# 80  
 Delta R.T. -0.01 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 80.5  | 63.0  | 94.6  |
| 44      | 4.6   | 3.0   | 4.6#  |





#5

2-Fluorophenol

Concen: 83.997 ng

RT: 5.15 min Scan# 367

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

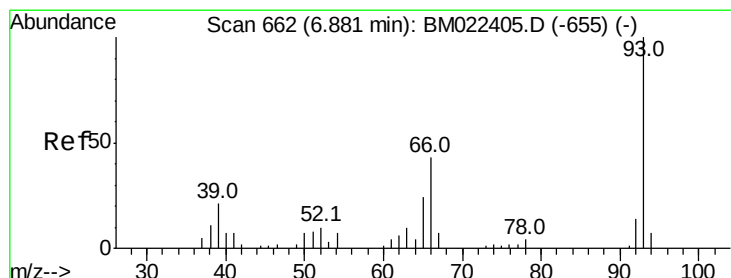
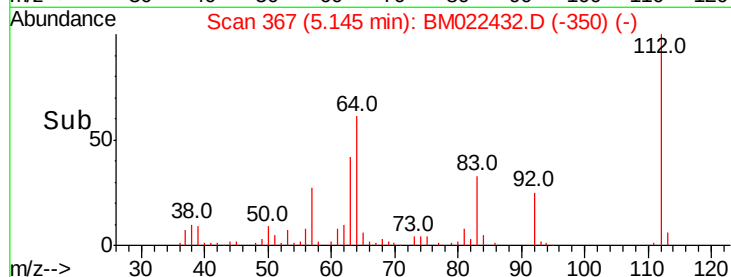
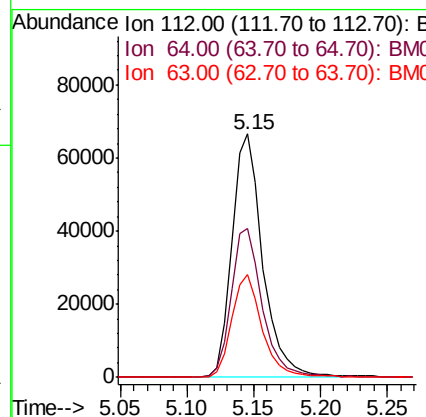
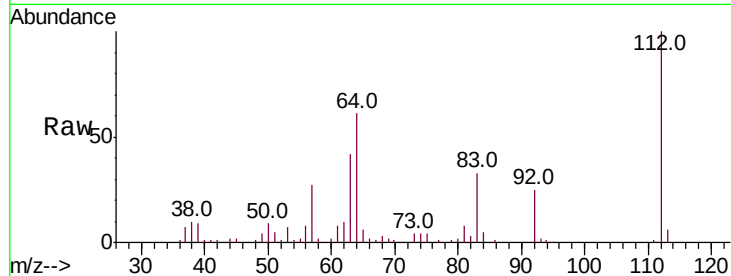
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 107438 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.2  | 45.4  | 68.2   |
| 63        | 42.0  | 34.5  | 51.7   |

Manual Integrations  
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#6

Aniline

Concen: 43.630 ng

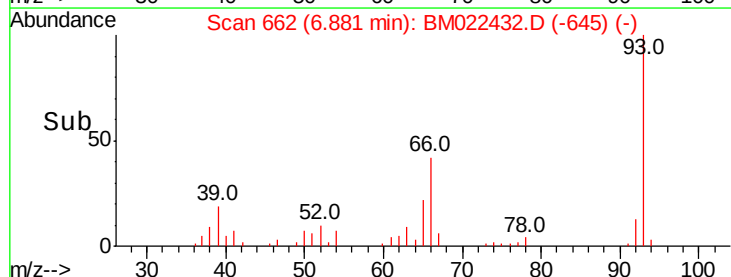
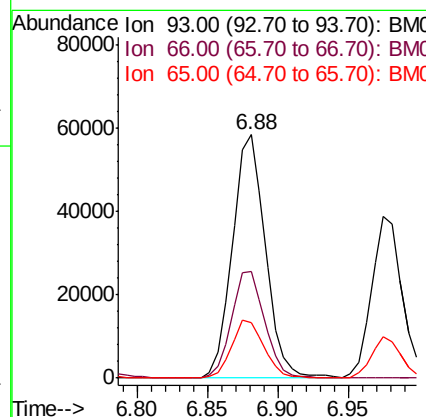
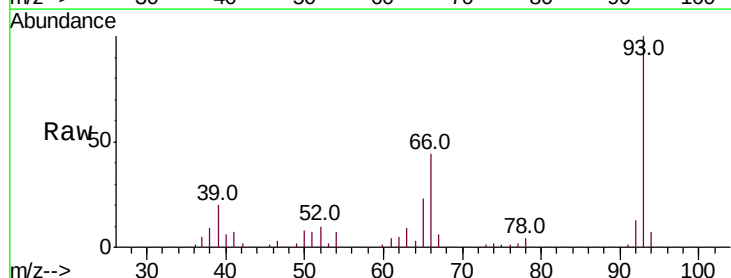
RT: 6.88 min Scan# 662

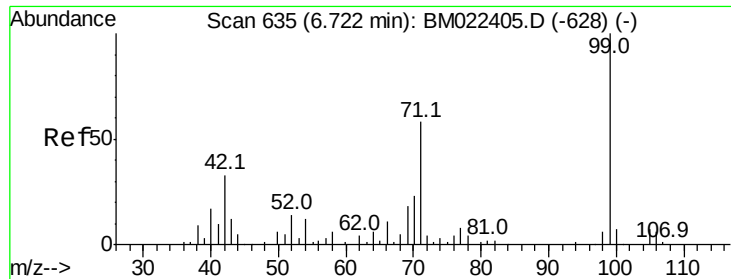
Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 95108 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 44.0  | 34.7  | 52.1  |
| 65        | 23.0  | 18.8  | 28.2  |





#7

Phenol-d6

Concen: 86.243 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

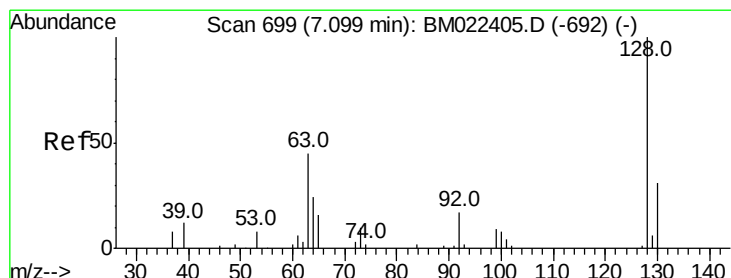
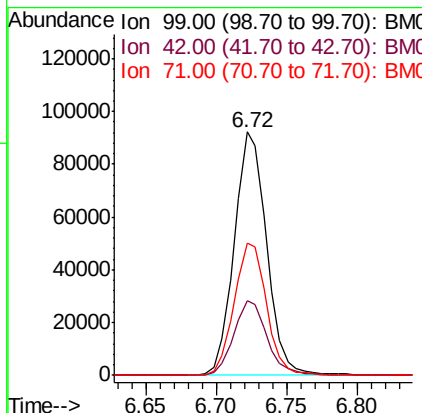
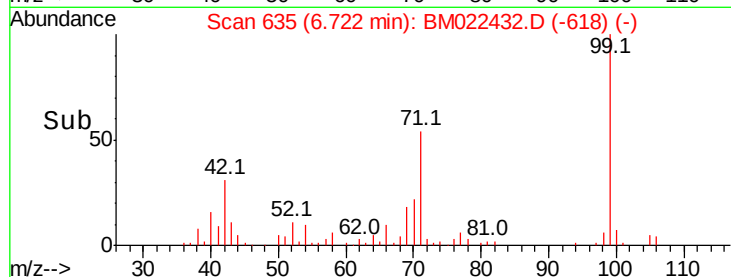
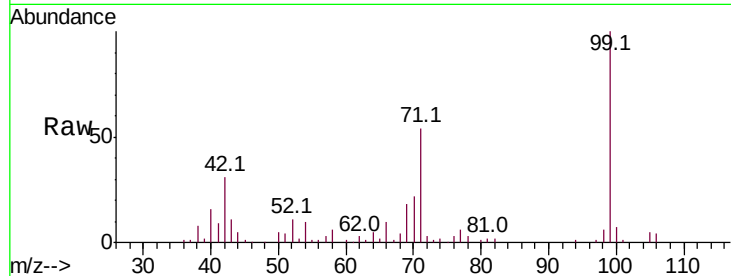
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 147516 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 30.6  | 26.3  | 39.5   |
| 71        | 54.4  | 46.6  | 69.8   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.853 ng

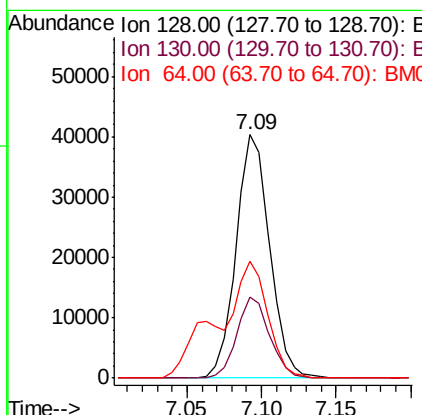
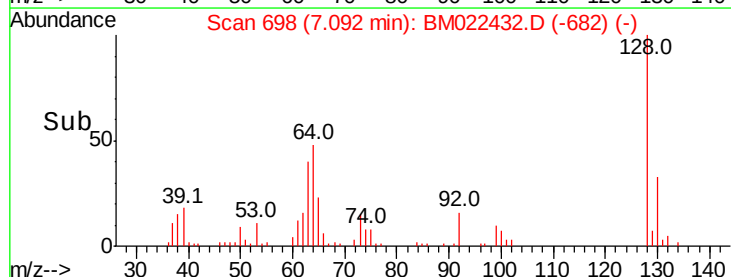
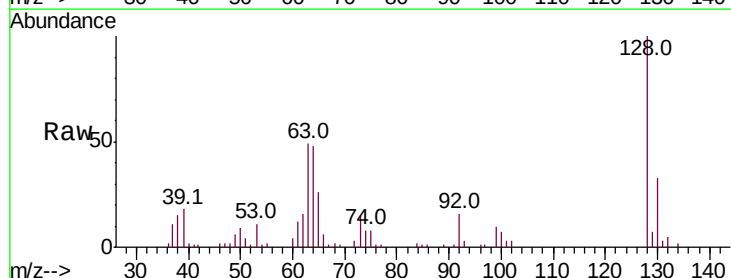
RT: 7.09 min Scan# 698

Delta R.T. -0.01 min

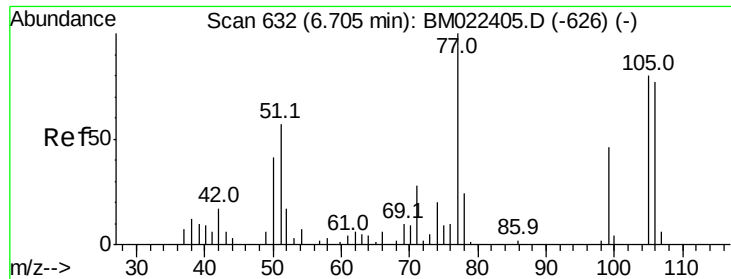
Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 63091 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.1  | 11.5  | 51.5  |
| 64        | 47.9  | 26.7  | 66.7  |







#9

Benzaldehyde

Concen: 44.840 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

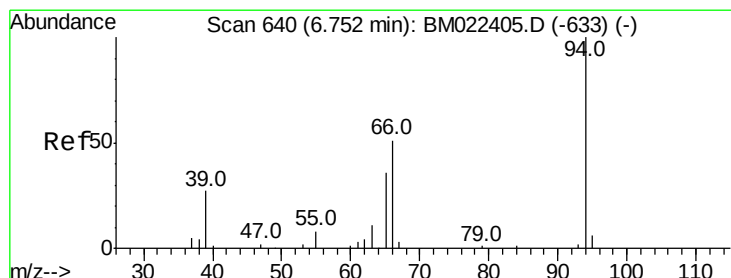
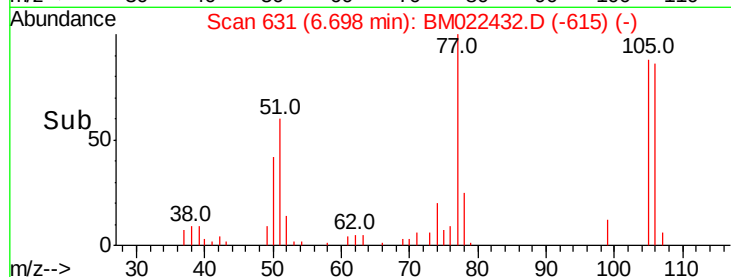
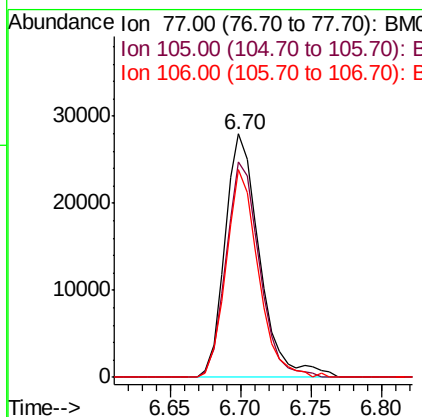
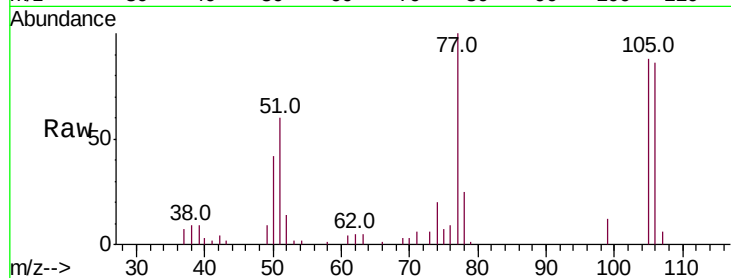
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 47784 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 88.2  | 60.1  | 100.1 |
| 106      | 85.6  | 57.4  | 97.4  |

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#10

Phenol

Concen: 43.361 ng

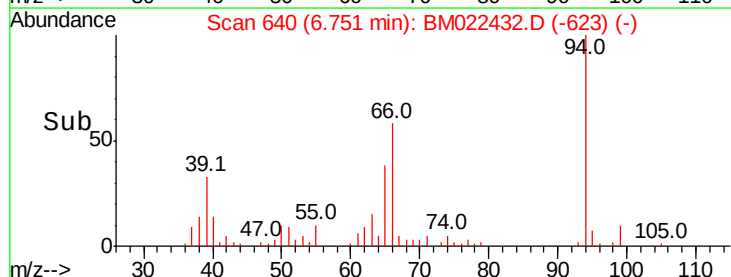
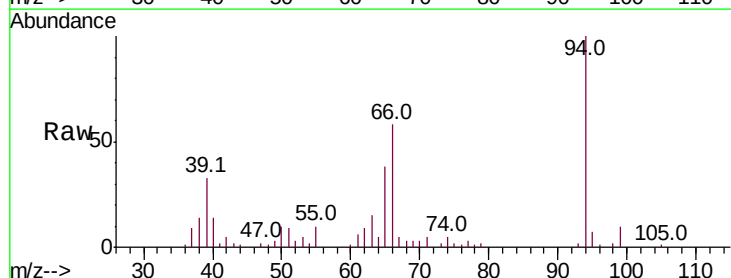
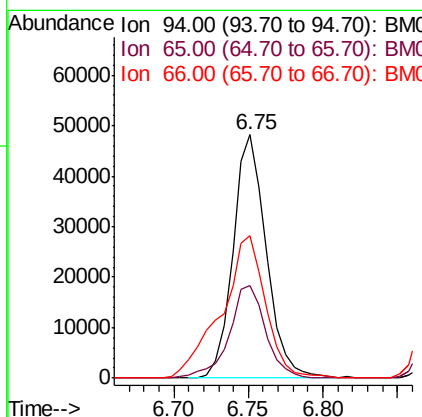
RT: 6.75 min Scan# 640

Delta R.T. -0.00 min

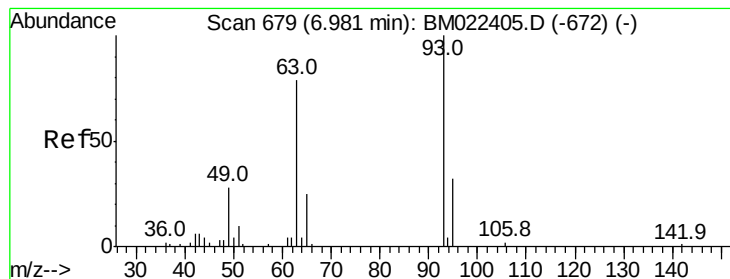
Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 74508 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 38.1  | 17.7  | 57.7  |
| 66       | 58.3  | 39.6  | 79.6  |







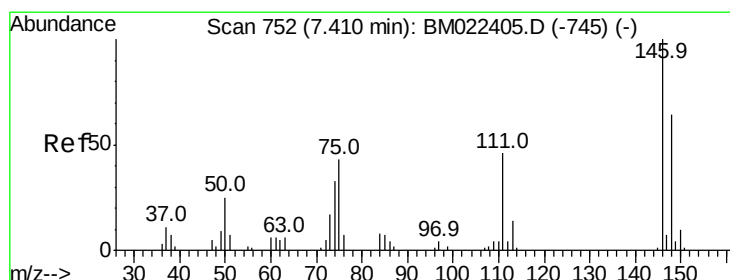
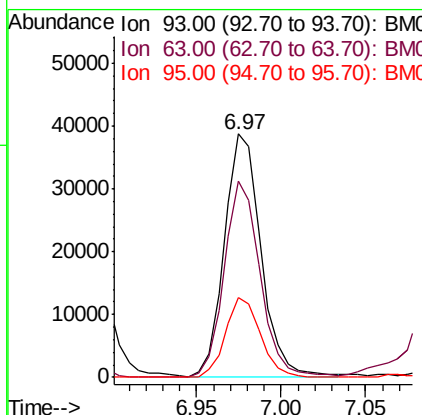
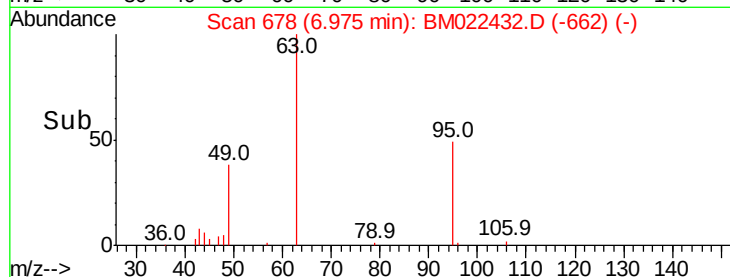
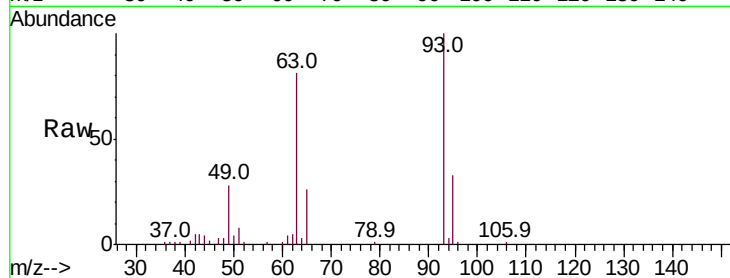
#11  
bis(2-Chloroethyl)ether  
Concen: 45.308 ng  
RT: 6.97 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 93   | Resp  | 58755 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 93        | 100  |       |       |
| 63        | 80.7 | 59.1  | 99.1  |
| 95        | 32.8 | 12.0  | 52.0  |

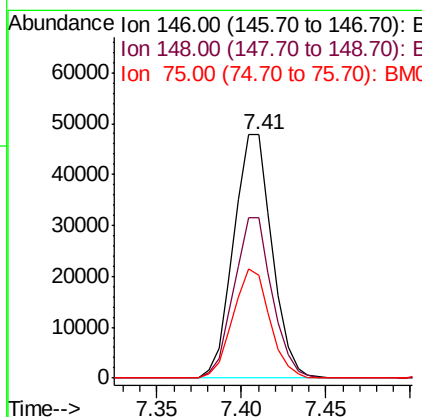
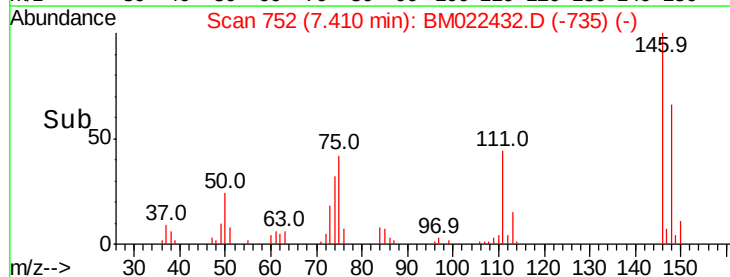
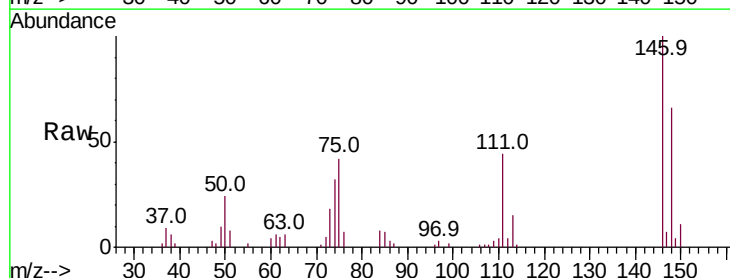
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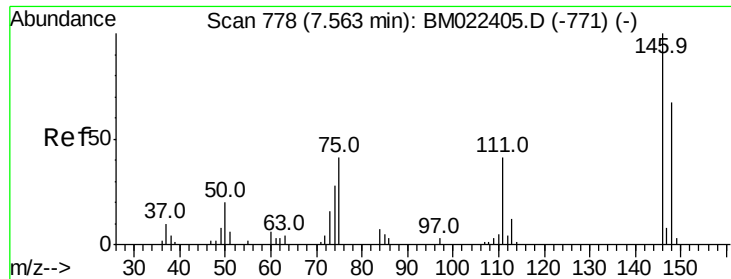
mohammad  
8/31/2019 2:43:43 PM



#12  
1,3-Dichlorobenzene  
Concen: 42.315 ng  
RT: 7.41 min Scan# 752  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion   | 146  | Resp  | 75590 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 146       | 100  |       |       |
| 148       | 65.7 | 51.5  | 77.3  |
| 75        | 42.4 | 34.6  | 52.0  |





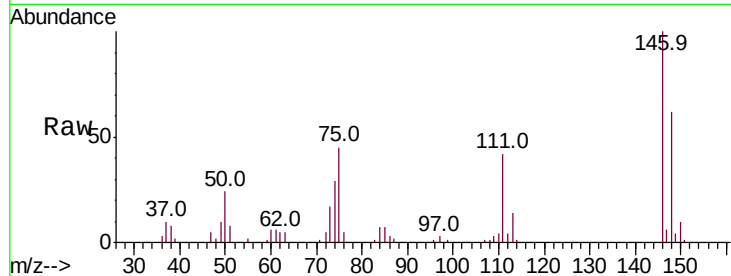
#13  
 1,4-Dichlorobenzene  
 Concen: 42.716 ng  
 RT: 7.56 min Scan# 777  
 Delta R.T. -0.01 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 53.4  | 80.0  |
| 111     | 42.5  | 33.5  | 50.3  |

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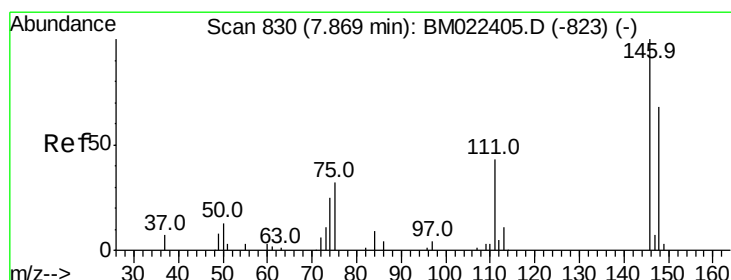
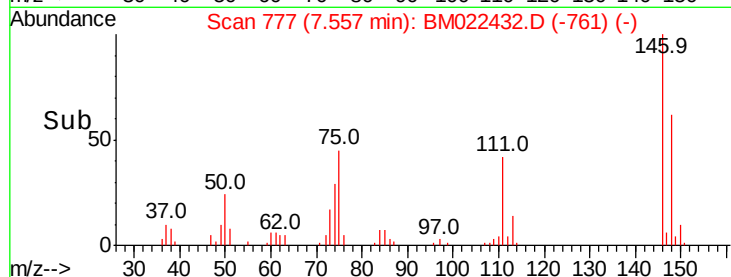
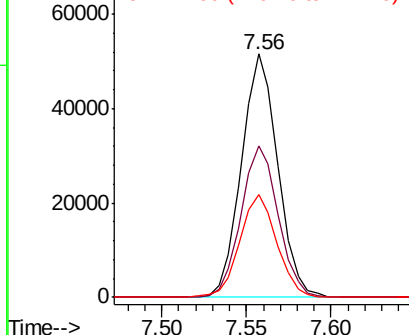


Abundance

Ion 146.00 (145.70 to 146.70): E

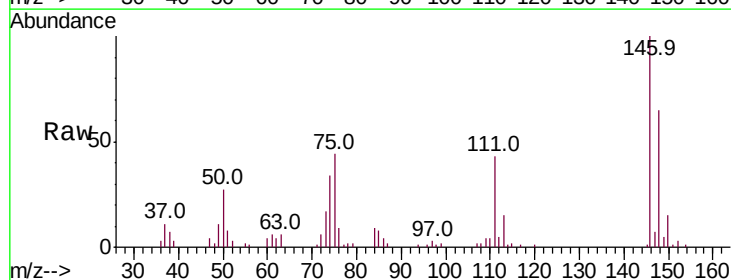
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 42.117 ng  
 RT: 7.86 min Scan# 829  
 Delta R.T. -0.01 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 54.7  | 82.1  |
| 111     | 43.5  | 36.7  | 55.1  |

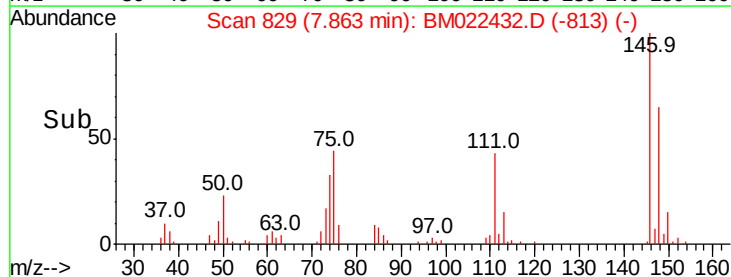
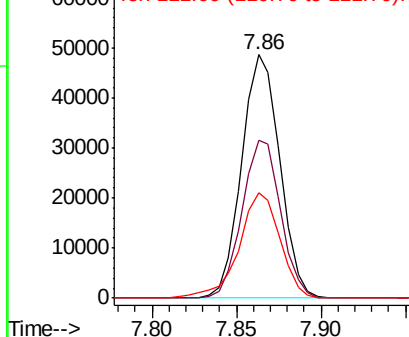


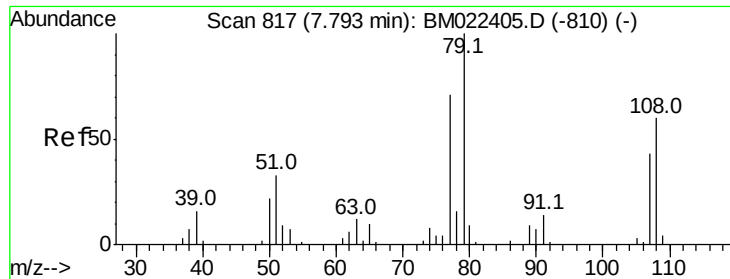
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.317 ng

RT: 7.79 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

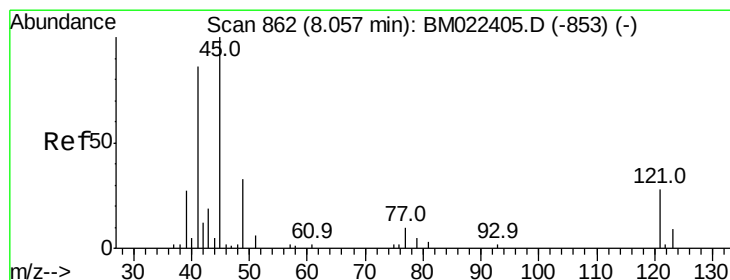
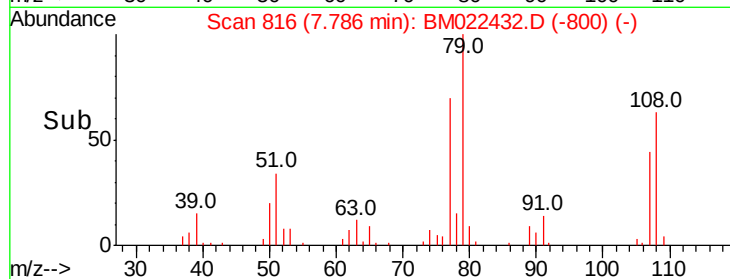
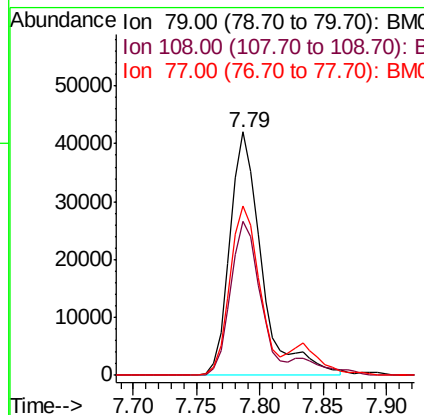
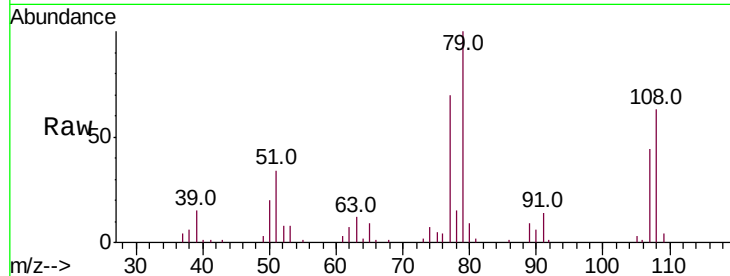
ClientSampled :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 73538 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 63.5  | 48.2  | 72.4  |
| 77       | 69.8  | 56.6  | 85.0  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.177 ng

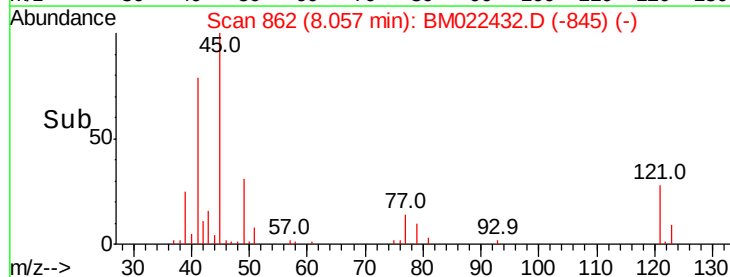
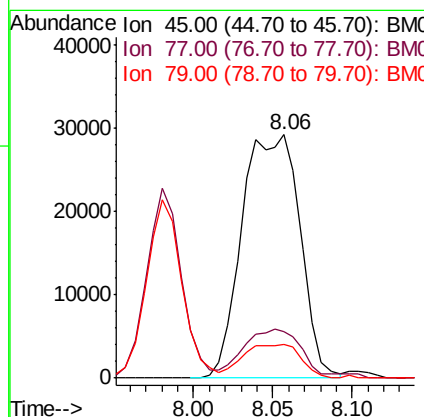
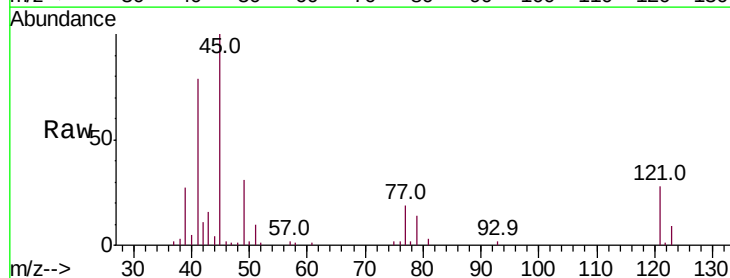
RT: 8.06 min Scan# 862

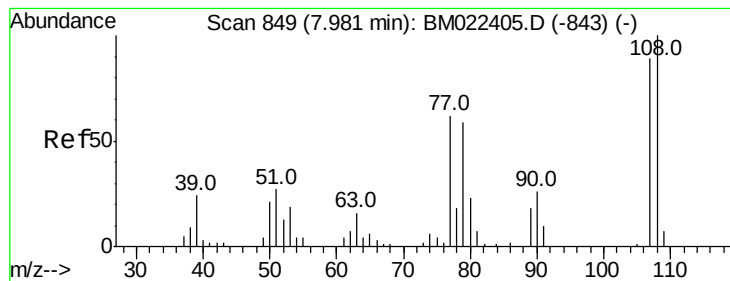
Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 74241 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 18.9  | 0.4   | 40.4  |
| 79       | 14.0  | 0.0   | 35.6  |





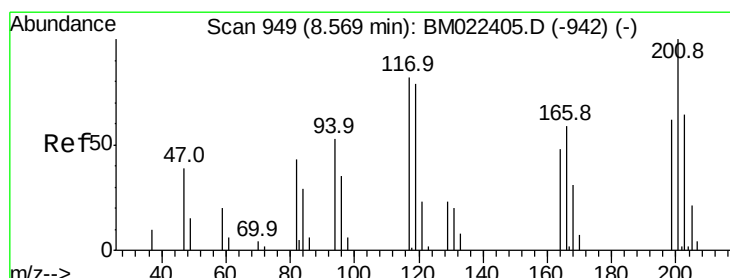
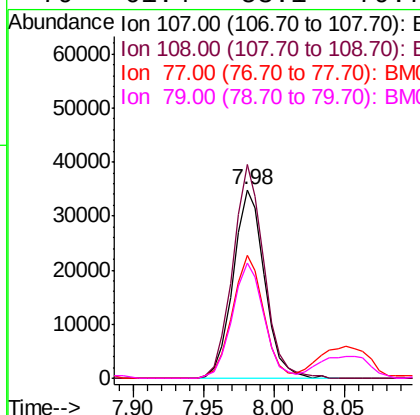
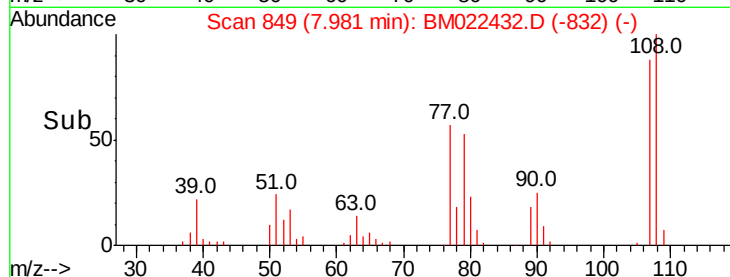
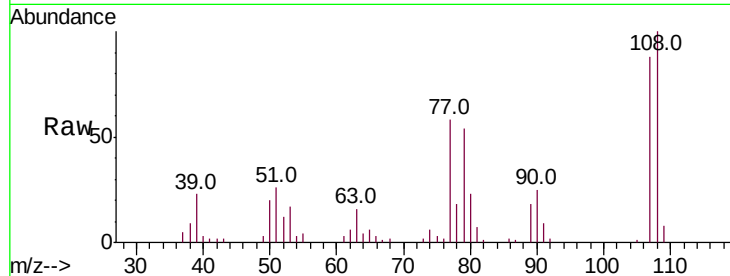
#17  
2-Methylphenol  
Concen: 43.080 ng  
RT: 7.98 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 107   | Resp  | 53834 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.3 | 89.6  | 134.4 |
| 77        | 65.3  | 55.3  | 82.9  |
| 79        | 61.4  | 53.1  | 79.7  |

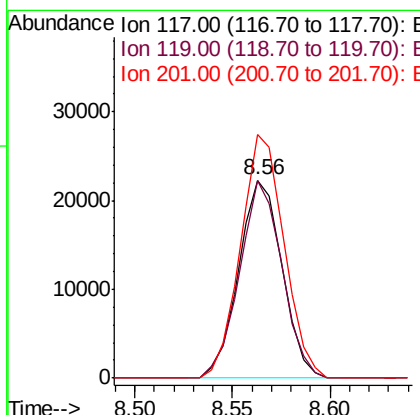
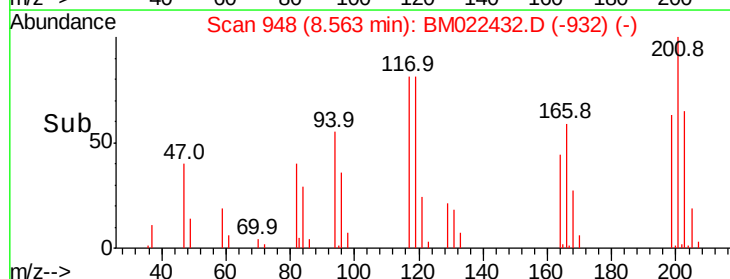
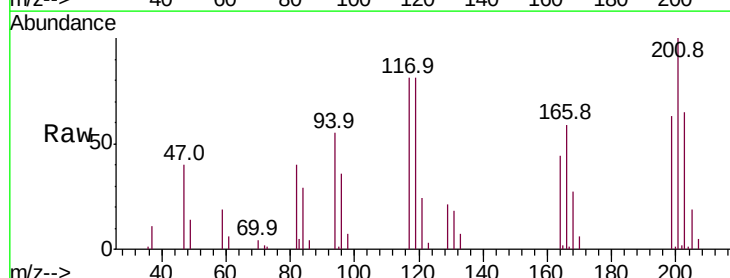
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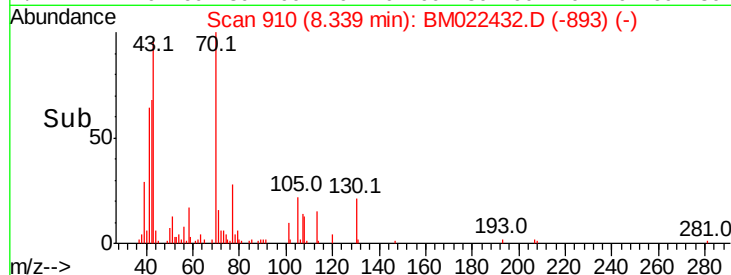
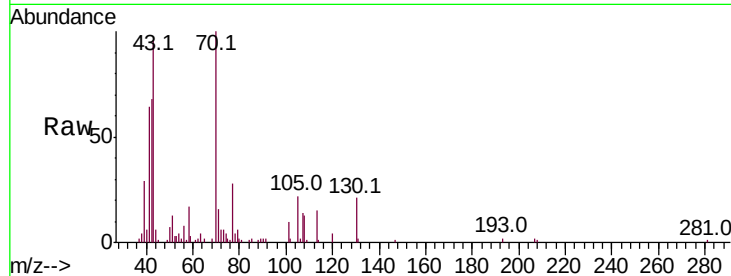
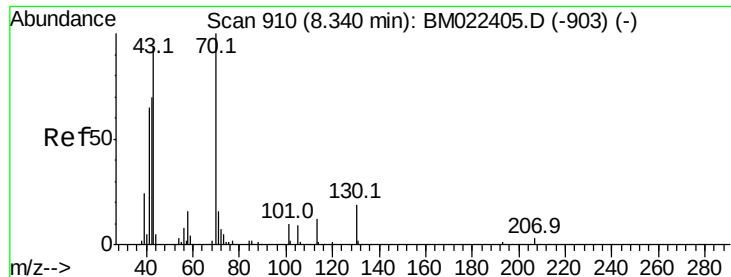
mohammad  
8/31/2019 2:43:43 PM



#18  
Hexachloroethane  
Concen: 40.829 ng  
RT: 8.56 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion   | 117   | Resp  | 34264 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 100.1 | 77.4  | 116.0 |
| 201       | 123.2 | 99.6  | 149.4 |





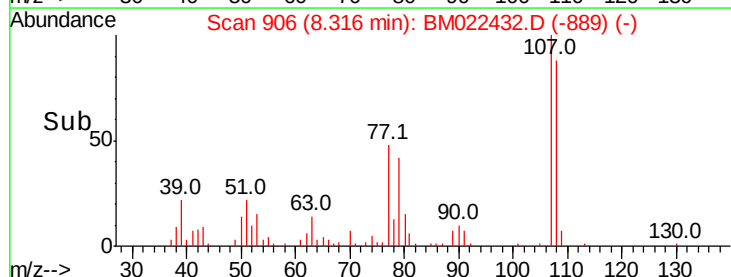
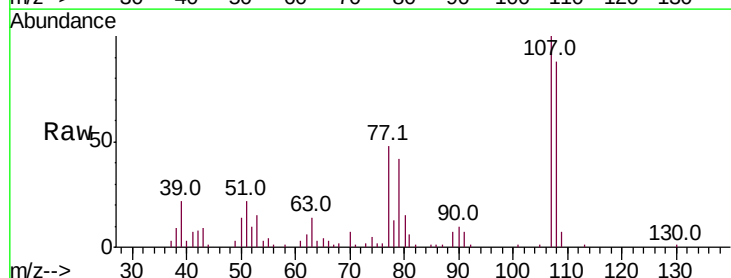
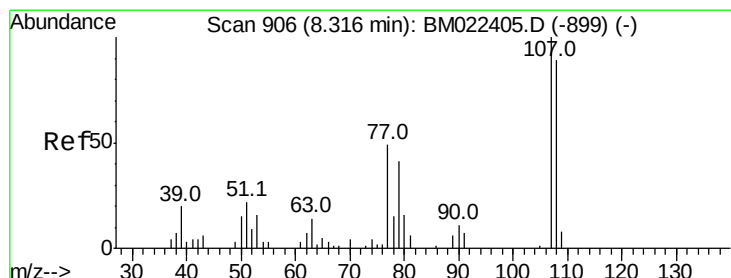
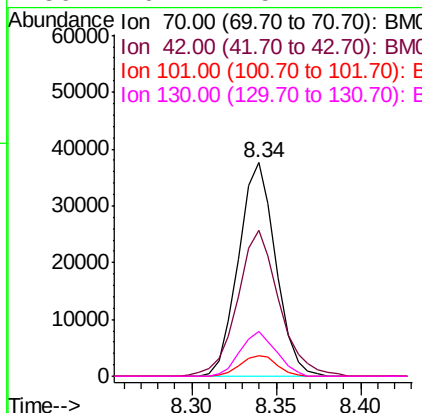
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.495 ng  
RT: 8.34 min Scan# 910  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 68.5  | 56.2  | 84.4  |
| 101     | 9.8   | 7.6   | 11.4  |
| 130     | 20.7  | 15.1  | 22.7  |

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

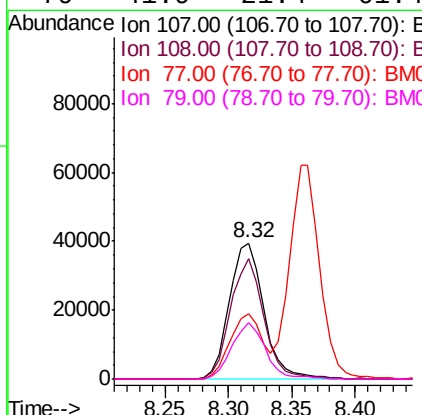
Manual Integrations  
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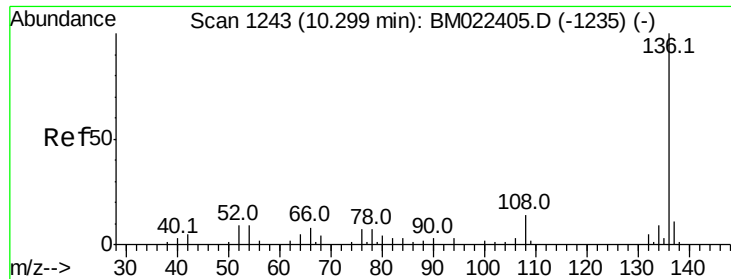
mohammad  
8/31/2019 2:43:43 PM



#20  
3+4-Methylphenols  
Concen: 43.835 ng  
RT: 8.32 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.4  | 68.5  | 108.5 |
| 77      | 48.2  | 29.0  | 69.0  |
| 79      | 41.9  | 21.4  | 61.4  |





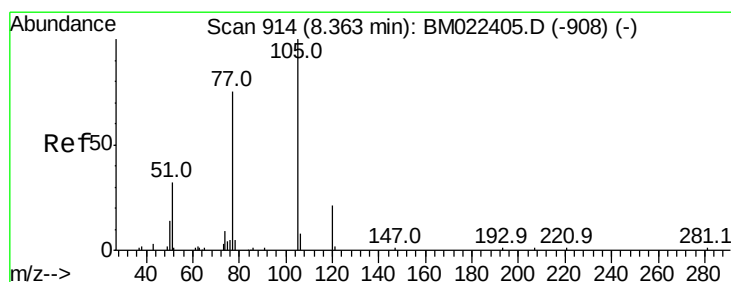
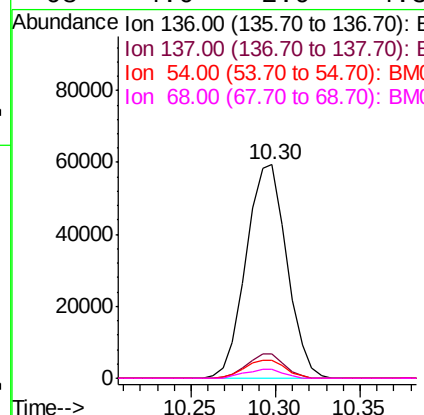
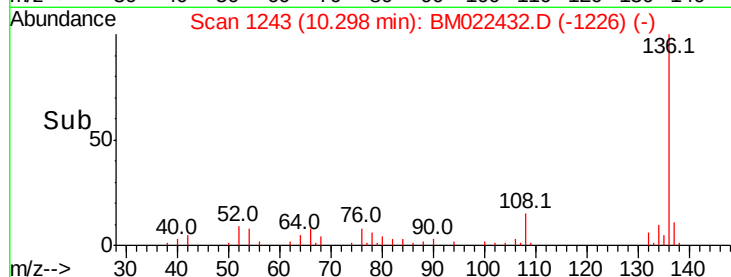
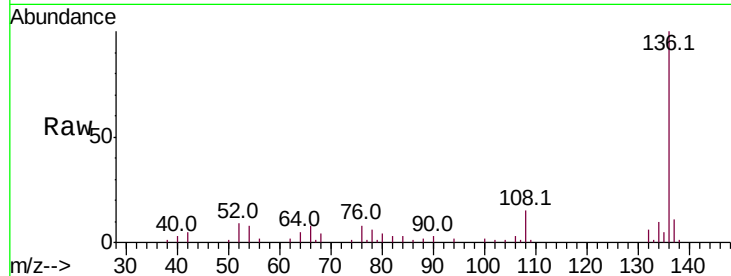
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.30 min Scan# 1243  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.4  | 8.6  | 13.0  |       |
| 54      | 8.4   | 7.0  | 10.6  |       |
| 68      | 4.0   | 2.9  | 4.3   |       |

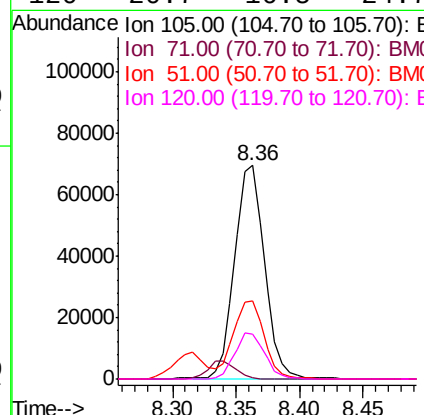
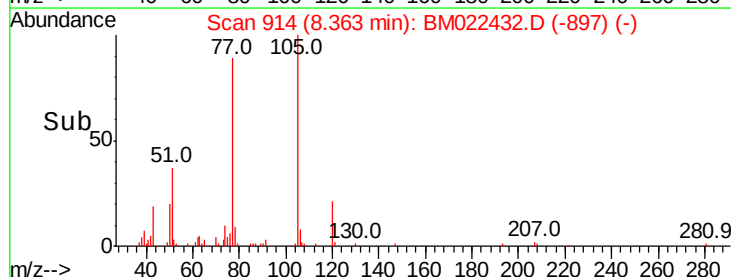
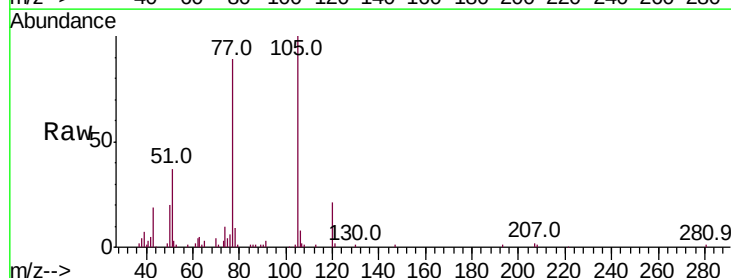
Manual Integrations  
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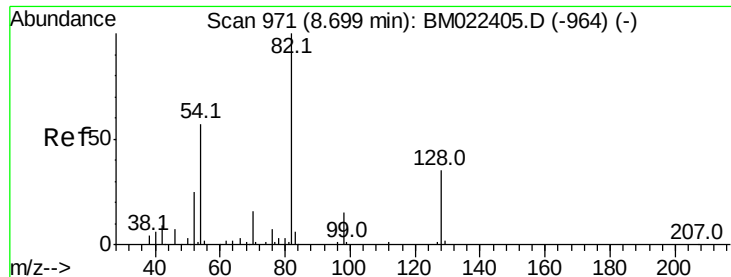
mohammad  
8/31/2019 2:43:43 PM



#22  
Acetophenone  
Concen: 41.261 ng  
RT: 8.36 min Scan# 914  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.6   | 0.6  | 1.0   |       |
| 51      | 36.5  | 30.6 | 46.0  |       |
| 120     | 20.7  | 16.5 | 24.7  |       |





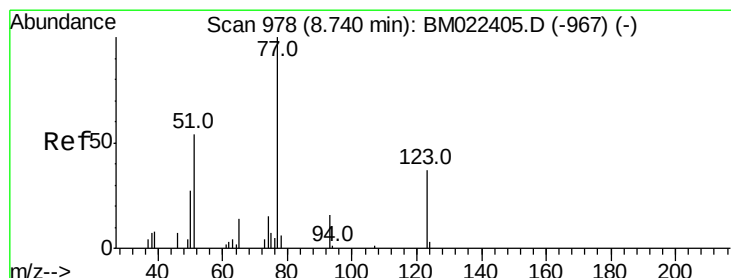
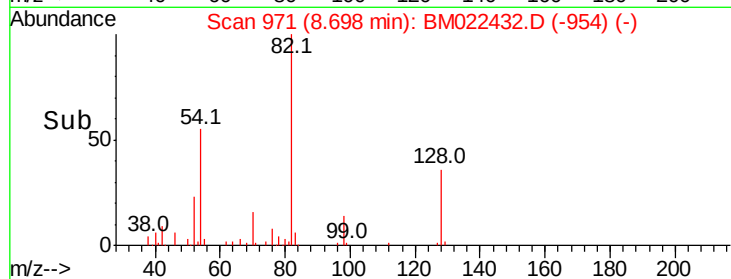
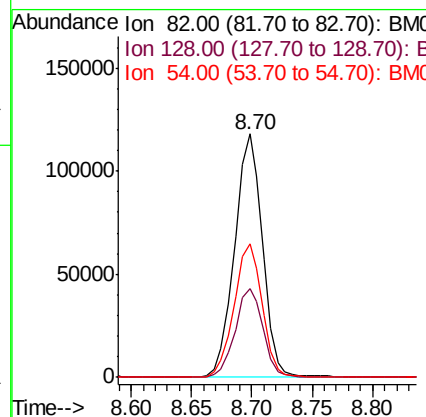
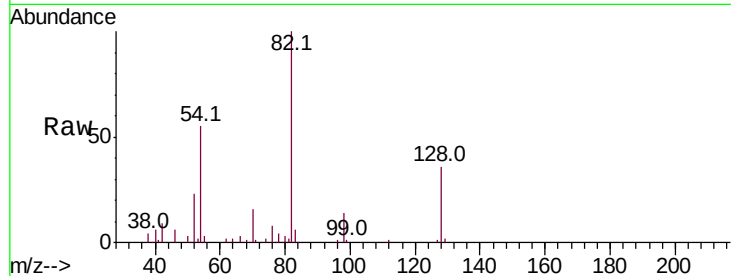
#23  
 Nitrobenzene-d5  
 Concen: 83.382 ng  
 RT: 8.70 min Scan# 971  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.3  | 27.9  | 41.9  |
| 54      | 55.1  | 45.2  | 67.8  |

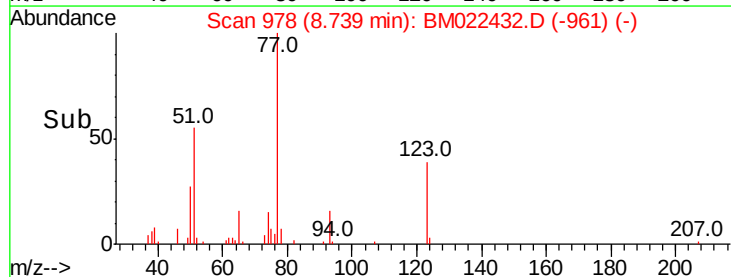
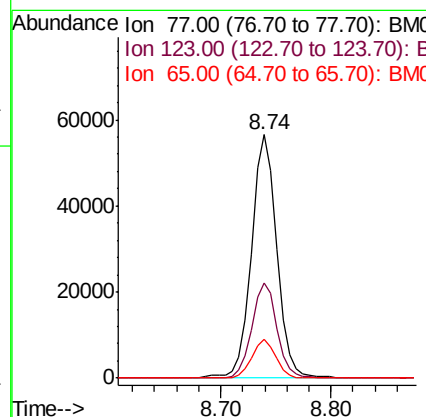
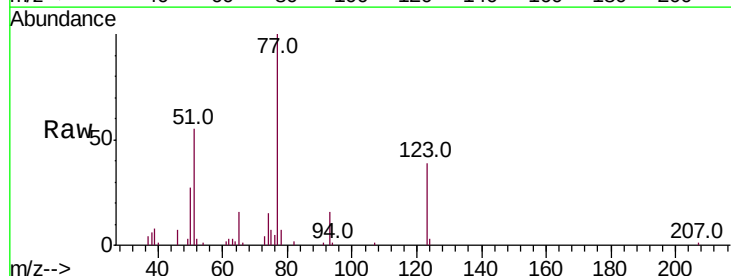
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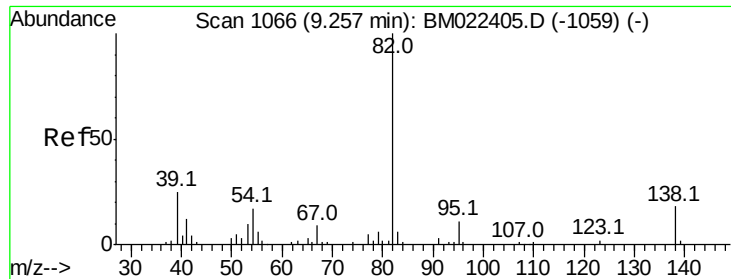


#24  
 Nitrobenzene  
 Concen: 41.628 ng  
 RT: 8.74 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.2  | 30.0  | 45.0  |
| 65      | 16.1  | 11.5  | 17.3  |







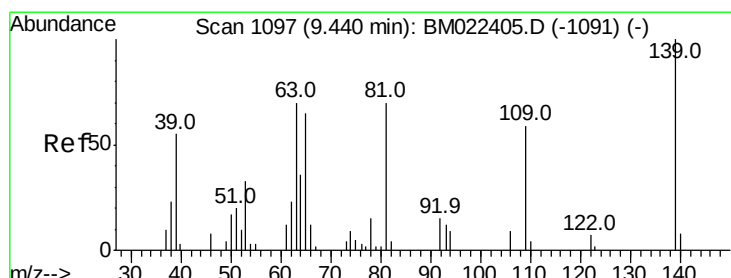
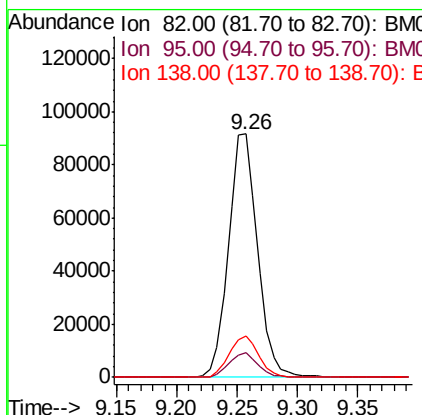
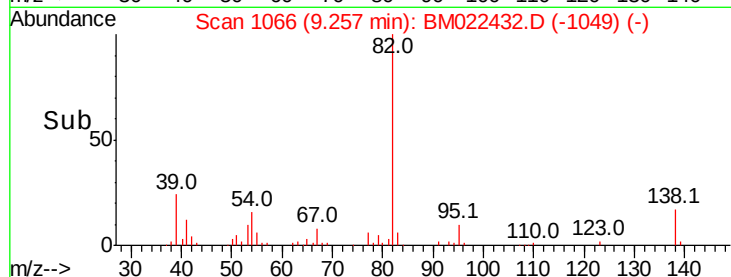
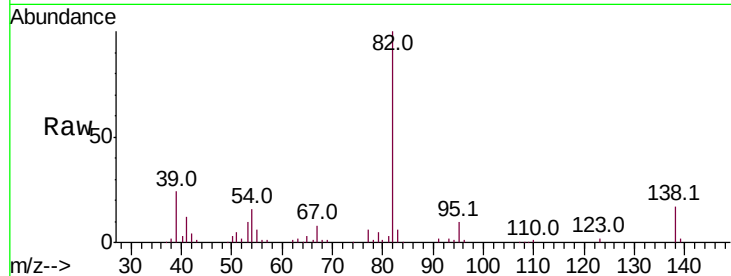
#25  
Isophorone  
Concen: 42.971 ng  
RT: 9.26 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 10.3  | 8.6  | 13.0  |       |
| 138     | 16.9  | 14.4 | 21.6  |       |

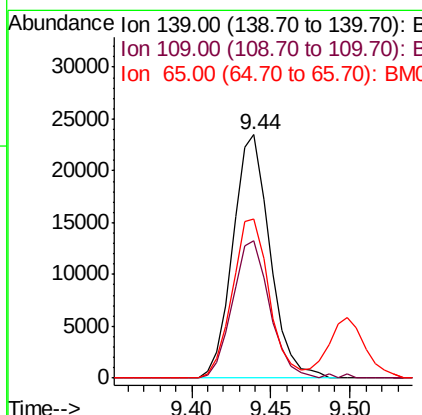
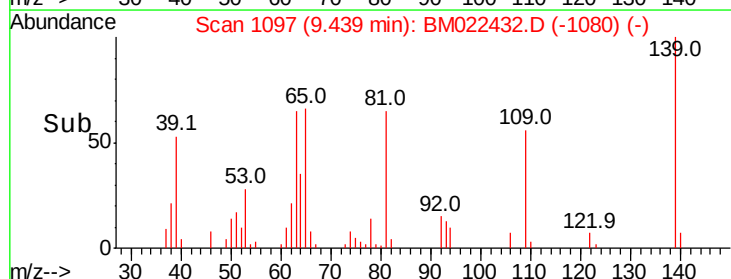
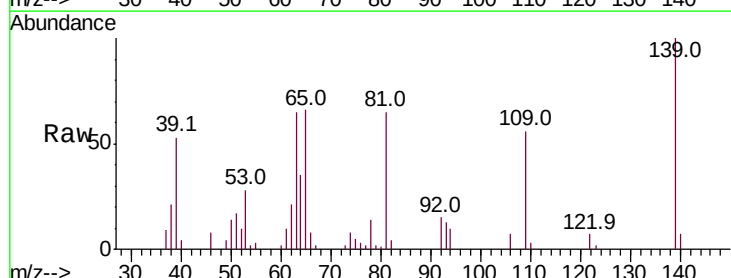
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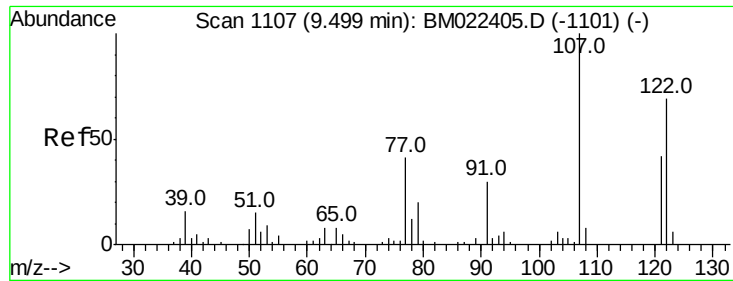
mohammad  
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#26  
2-Nitrophenol  
Concen: 43.352 ng  
RT: 9.44 min Scan# 1097  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 56.3  | 47.0 | 70.4  |       |
| 65      | 65.6  | 52.3 | 78.5  |       |





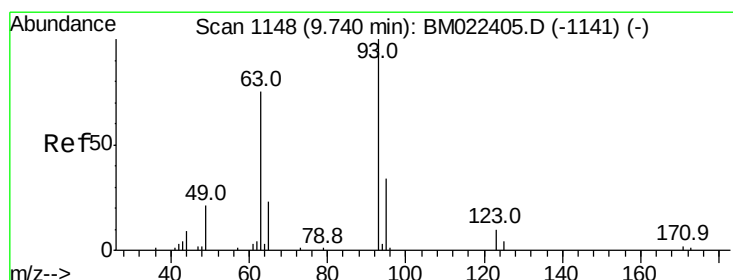
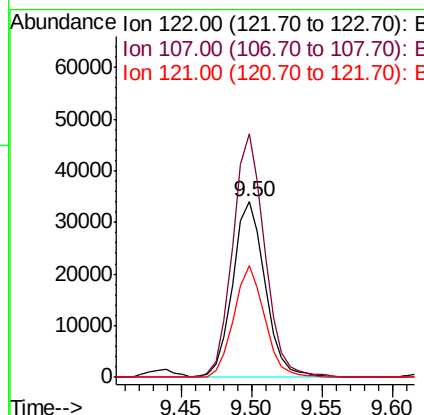
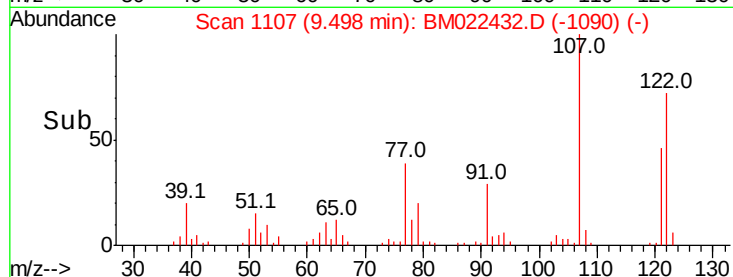
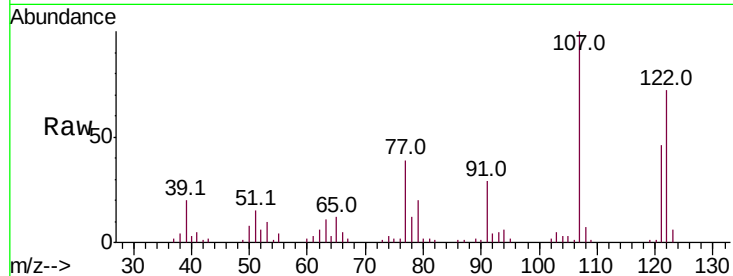
#27  
 2,4-Dimethylphenol  
 Concen: 41.894 ng  
 RT: 9.50 min Scan# 1107  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 138.8 | 116.2 | 174.4 |
| 121     | 63.7  | 49.1  | 73.7  |

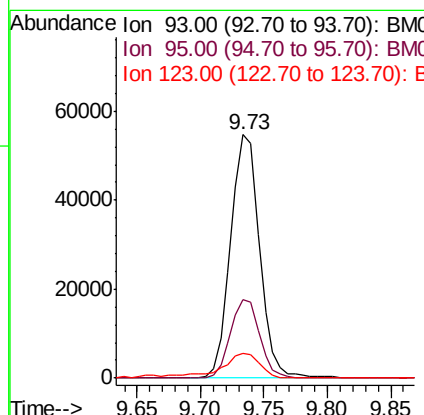
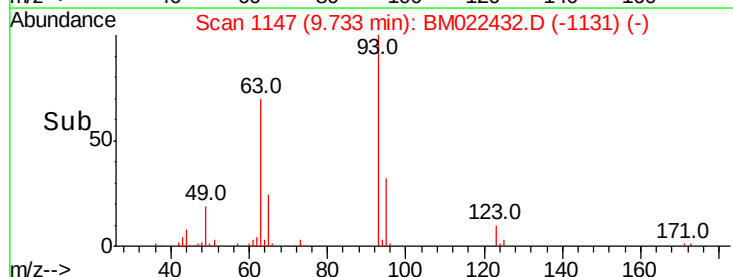
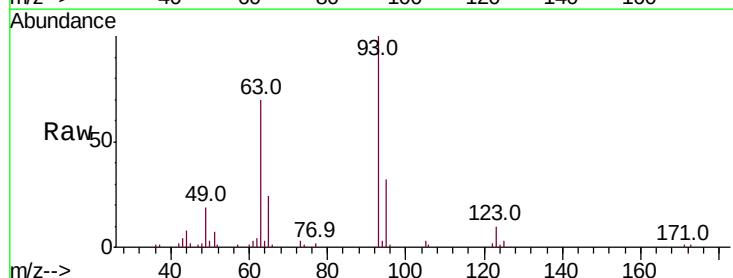
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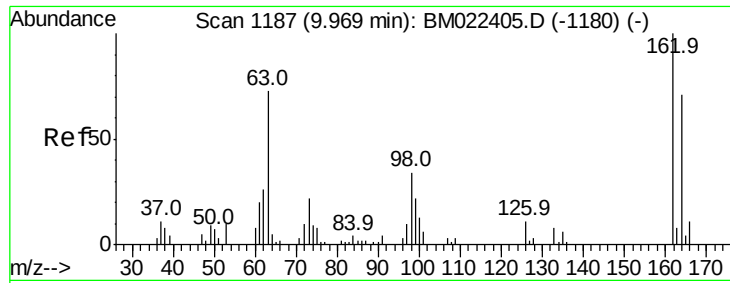
mohammad  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.914 ng  
 RT: 9.73 min Scan# 1147  
 Delta R.T. -0.01 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 27.5  | 41.3  |
| 123     | 10.3  | 9.6   | 14.4  |





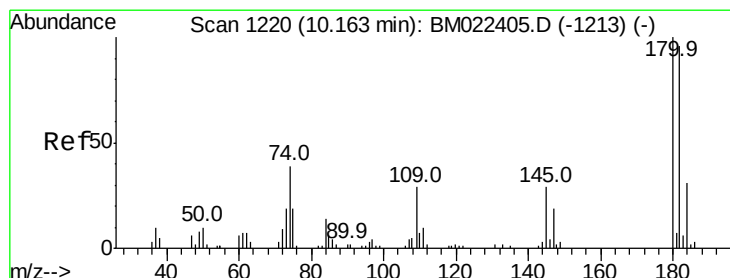
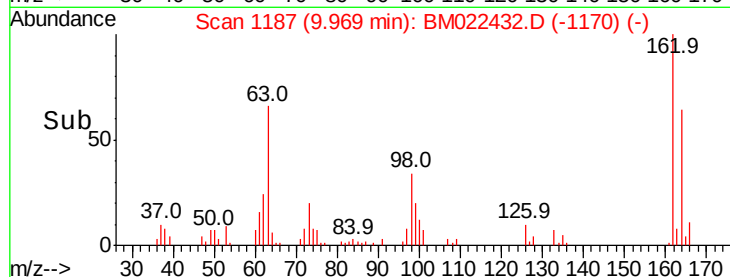
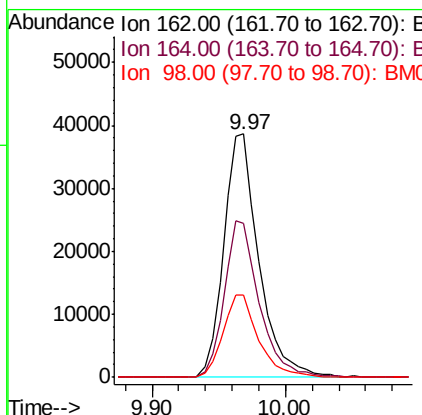
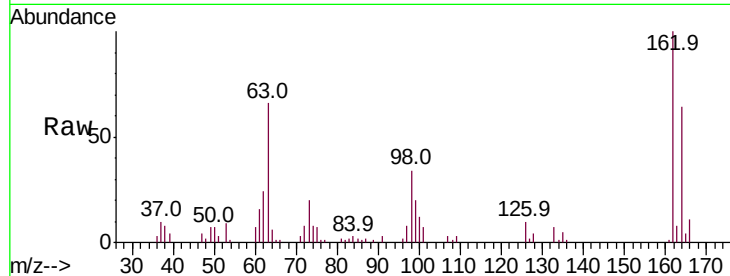
#29  
2,4-Dichlorophenol  
Concen: 41.334 ng  
RT: 9.97 min Scan# 1187  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 70825 |       |       |
| 164     | 63.5  |       | 51.2  | 91.2  |
| 98      | 34.0  |       | 14.1  | 54.1  |

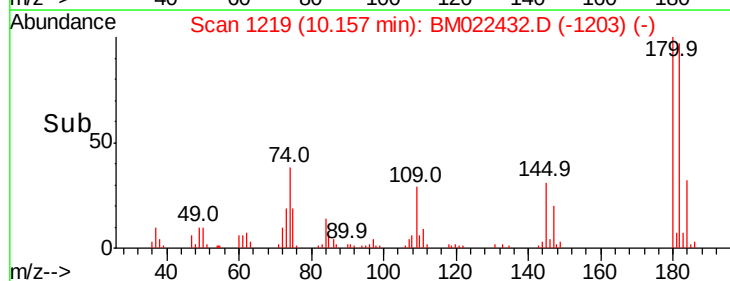
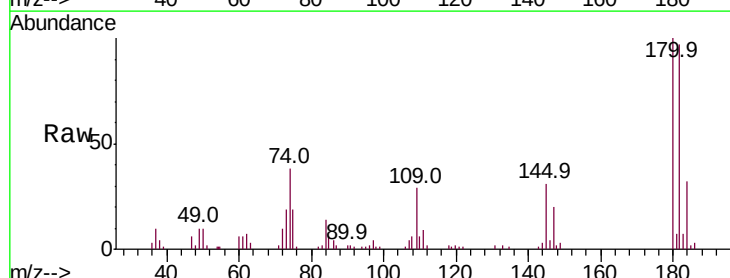
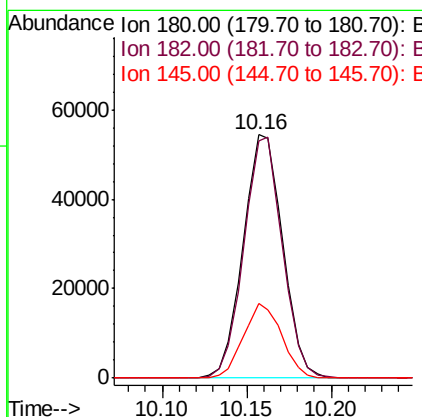
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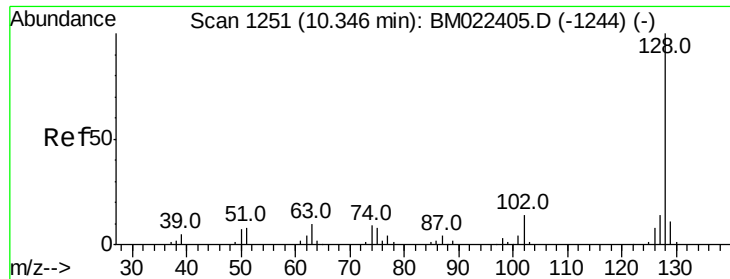
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.521 ng  
RT: 10.16 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 88413 |       |       |
| 182     | 97.2  |       | 77.0  | 115.4 |
| 145     | 30.7  |       | 23.0  | 34.6  |





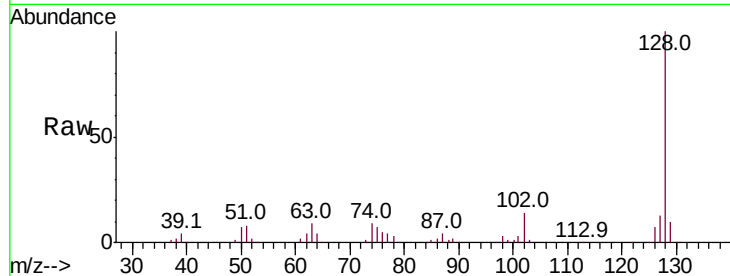
#31  
Naphthalene  
Concen: 41.008 ng  
RT: 10.35 min Scan# 1251  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

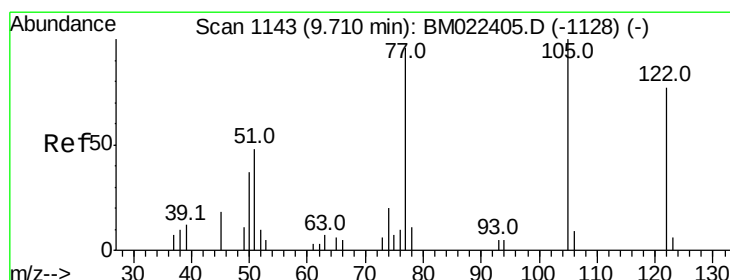
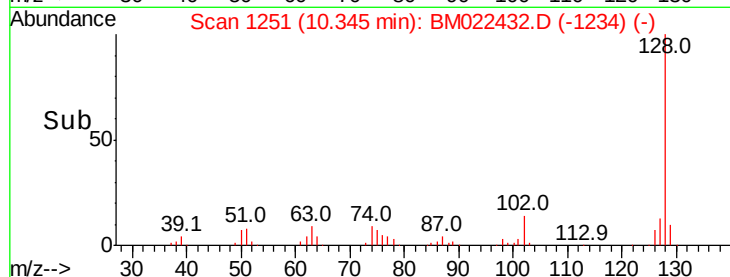
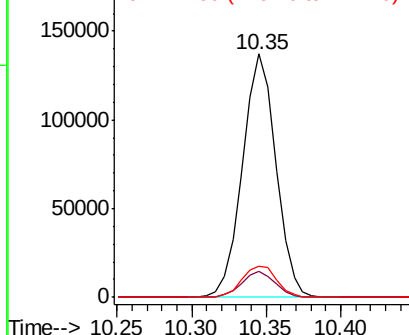
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 9.0   | 13.4  |
| 127     | 13.0  | 11.0  | 16.4  |

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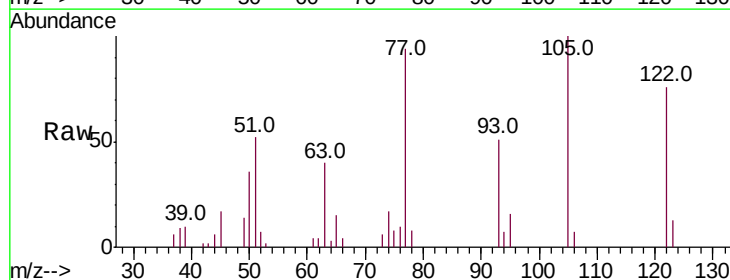


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

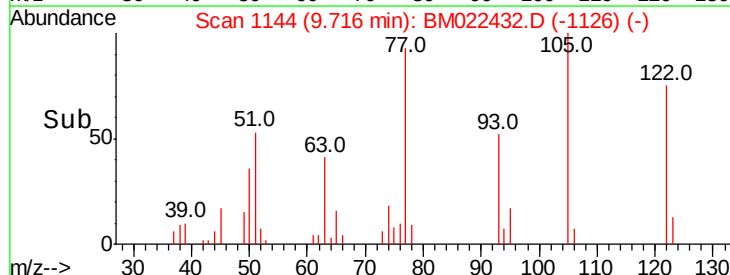
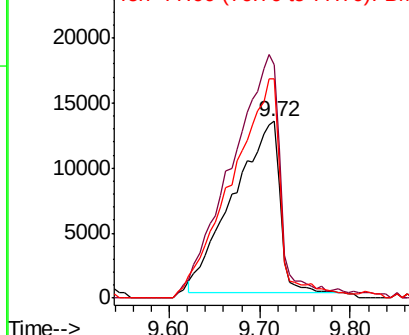


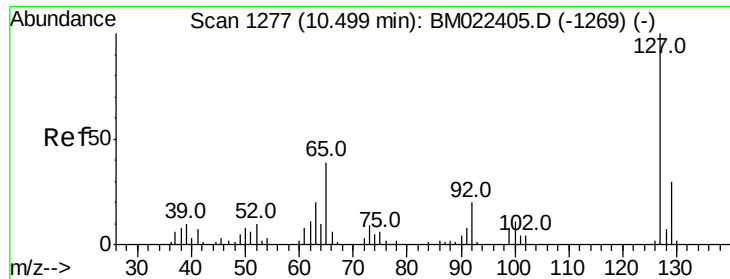
#32  
Benzoic acid  
Concen: 45.388 ng  
RT: 9.72 min Scan# 1144  
Delta R.T. 0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 132.4 | 109.3 | 149.3 |
| 77      | 124.5 | 105.5 | 145.5 |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM





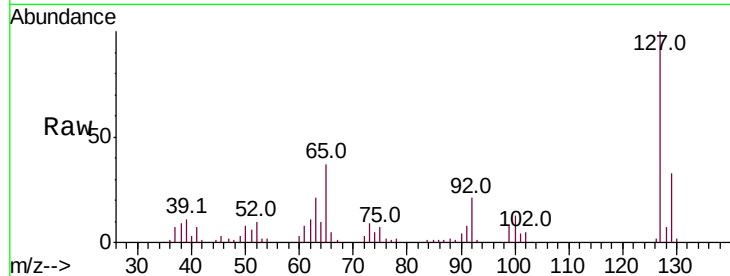
#33  
4-Chloroaniline  
Concen: 42.992 ng  
RT: 10.49 min Scan# 1276  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

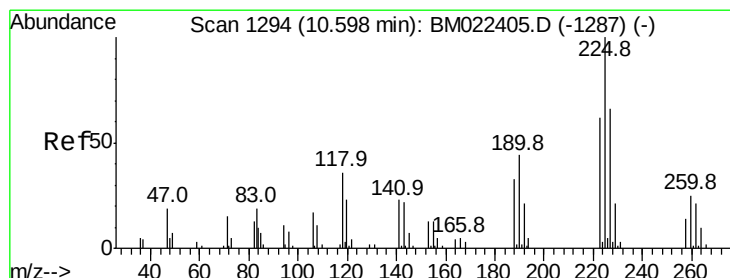
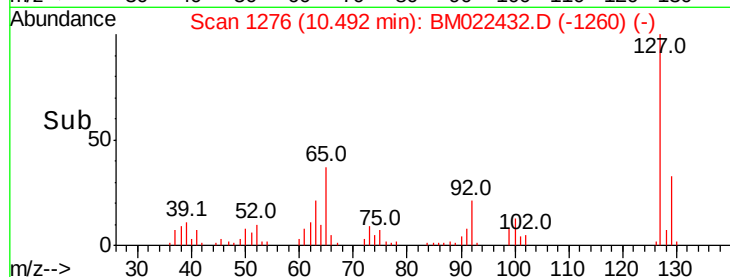
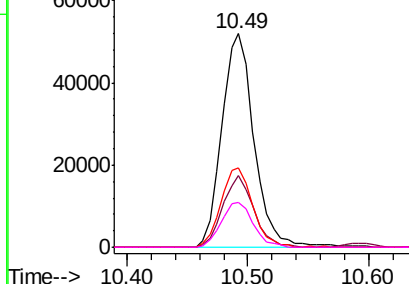
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.3  | 24.2  | 36.2  |
| 65      | 37.3  | 31.0  | 46.4  |
| 92      | 20.9  | 16.4  | 24.6  |

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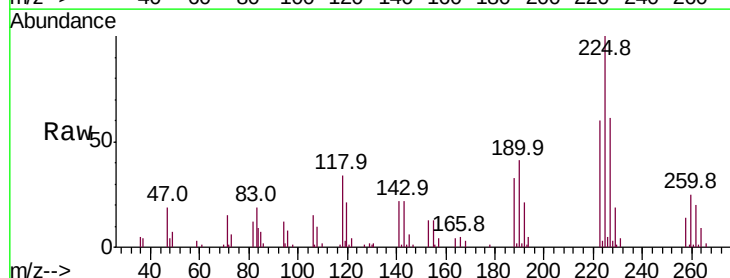


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

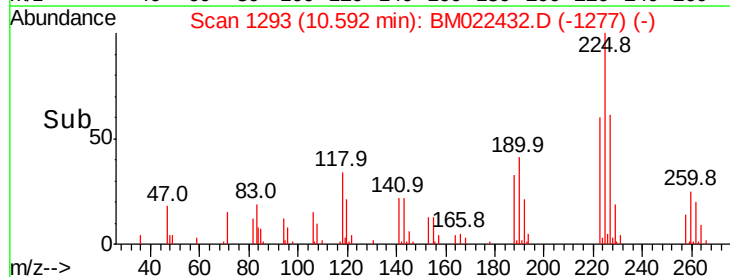
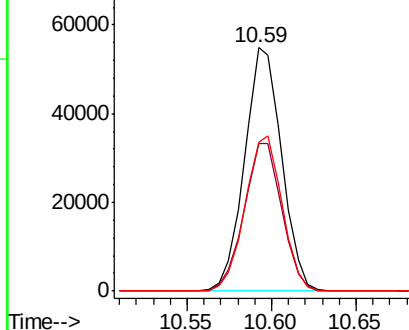


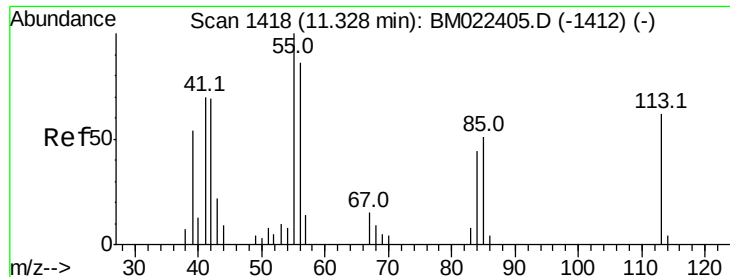
#34  
Hexachlorobutadiene  
Concen: 39.004 ng  
RT: 10.59 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.5  | 49.3  | 73.9  |
| 227     | 61.3  | 52.6  | 79.0  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





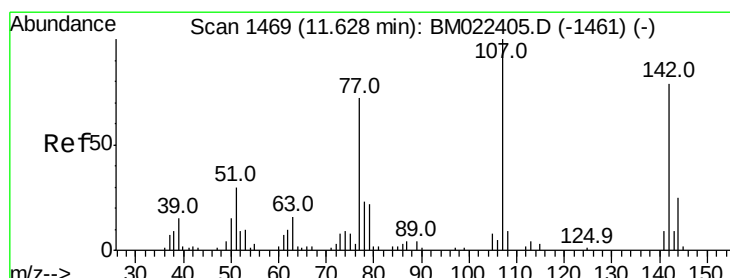
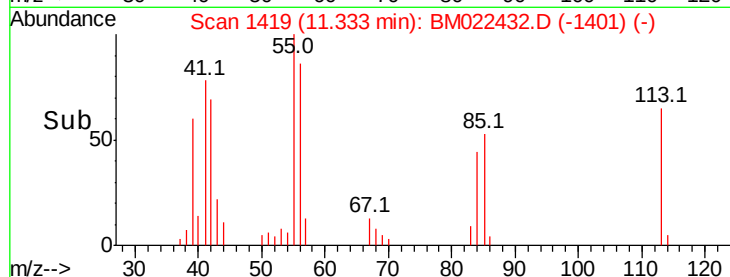
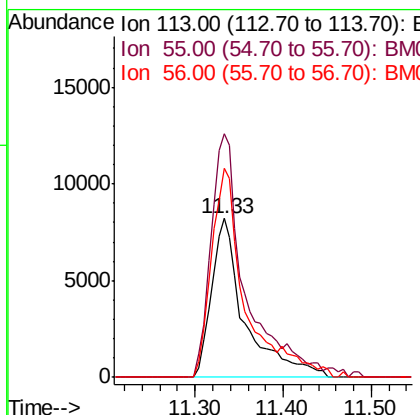
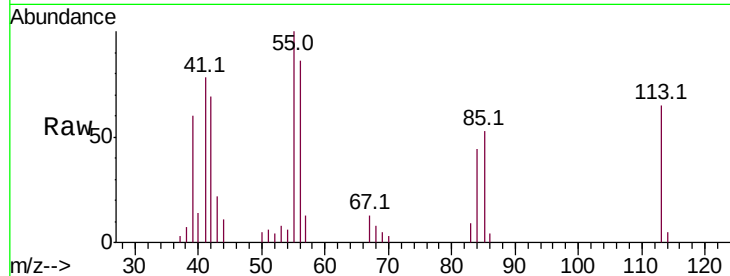
#35  
 Caprolactam  
 Concen: 49.410 ng/ml  
 RT: 11.33 min Scan# 1419  
 Delta R.T. 0.01 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 153.6 | 140.0 | 180.0 |
| 56      | 132.0 | 117.6 | 157.6 |

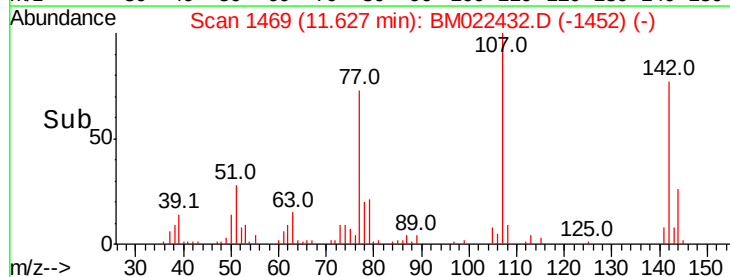
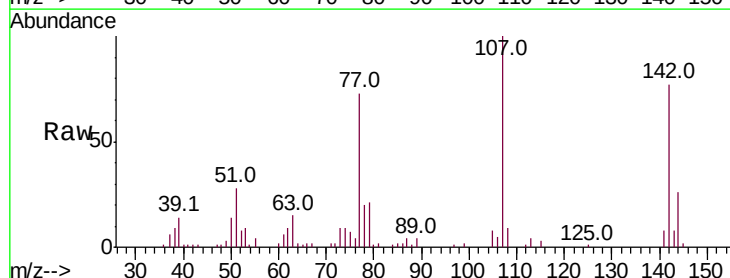
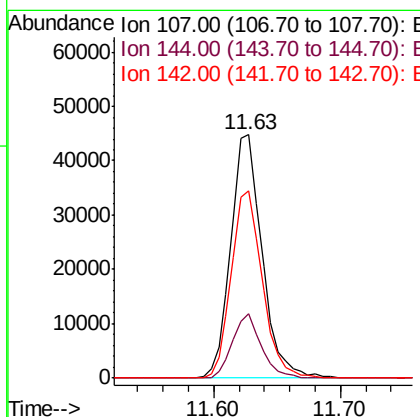
Manual Integrations  
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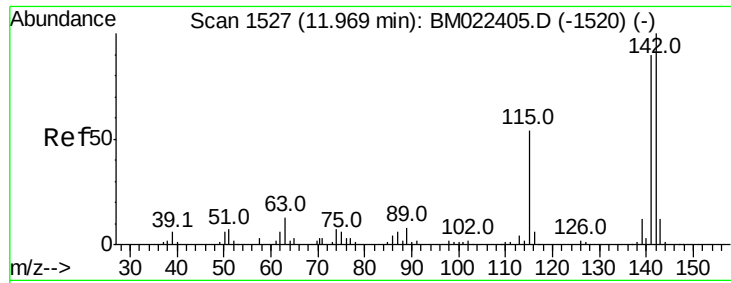
mohammad  
 8/31/2019 2:43:43 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.424 ng/ml  
 RT: 11.63 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.3  | 19.8  | 29.6  |
| 142     | 76.8  | 63.1  | 94.7  |





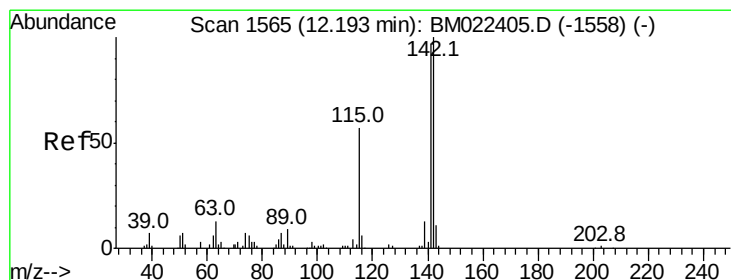
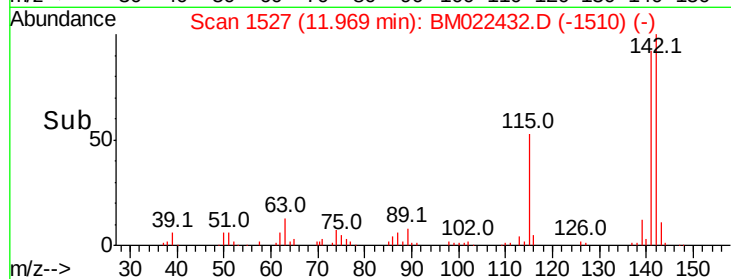
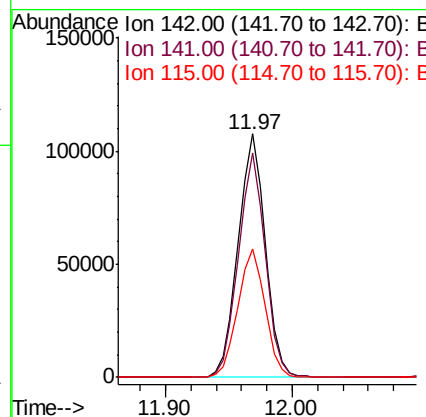
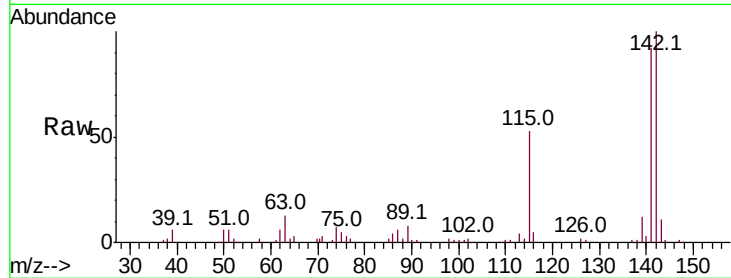
#37  
 2-Methylnaphthalene  
 Concen: 40.523 ng  
 RT: 11.97 min Scan# 1527  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 72.2  | 108.2 |
| 115     | 52.6  | 43.2  | 64.8  |

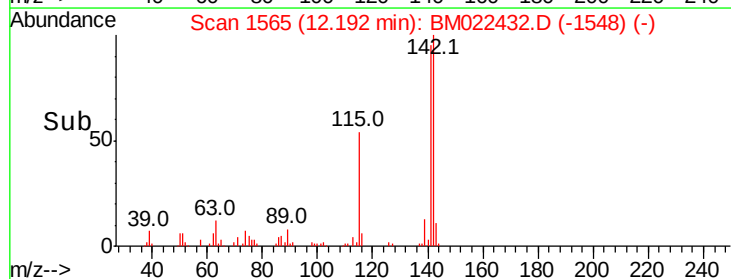
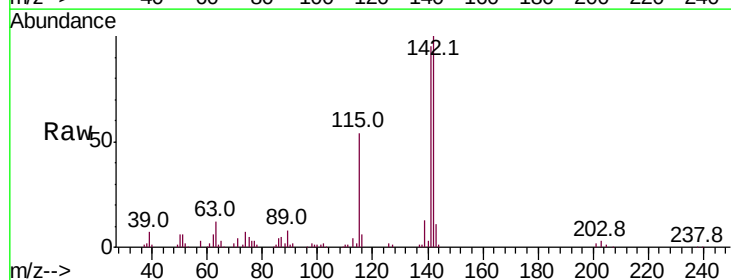
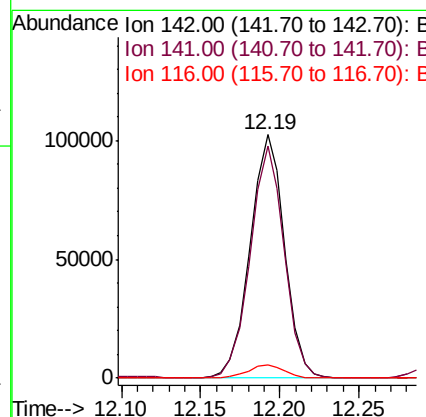
Manual Integrations  
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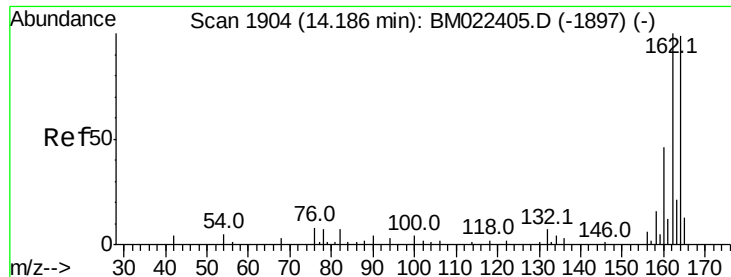
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#38  
 1-Methylnaphthalene  
 Concen: 40.515 ng  
 RT: 12.19 min Scan# 1565  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.2  | 77.3  | 115.9 |
| 116     | 5.5   | 4.9   | 7.3   |





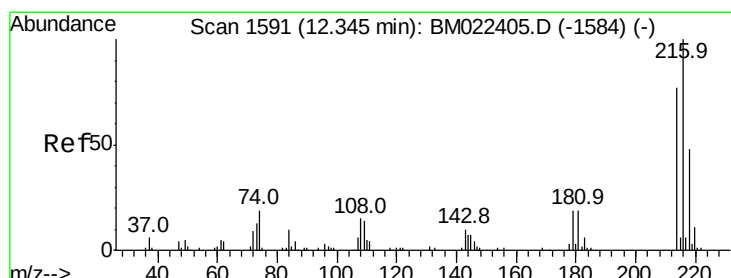
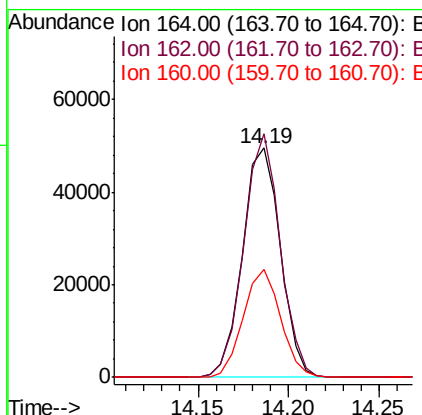
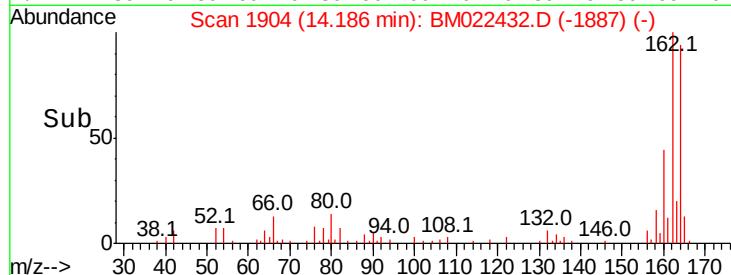
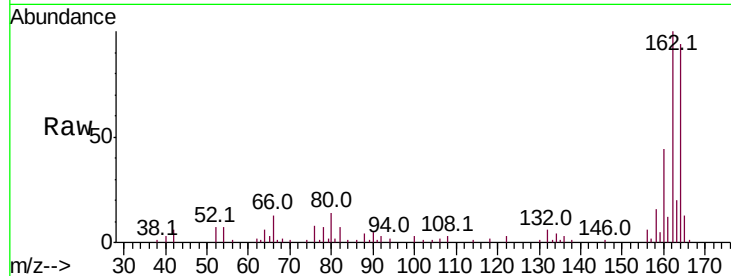
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.19 min Scan# 1904  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.1 | 80.6  | 121.0 |
| 160     | 47.1  | 37.3  | 55.9  |

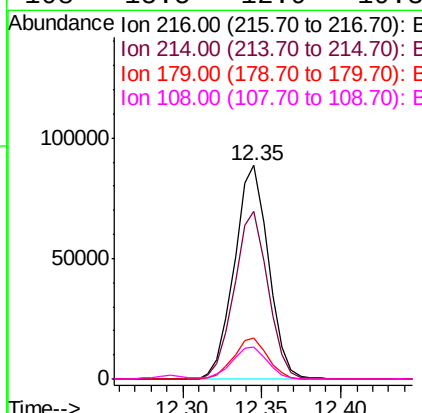
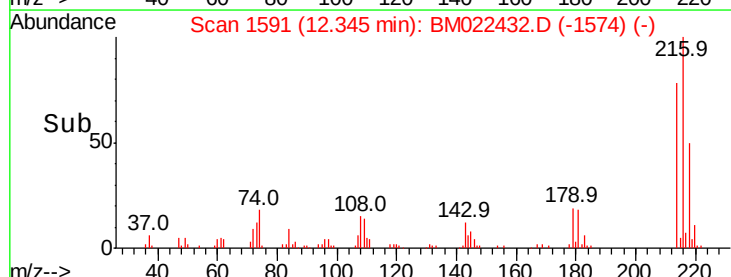
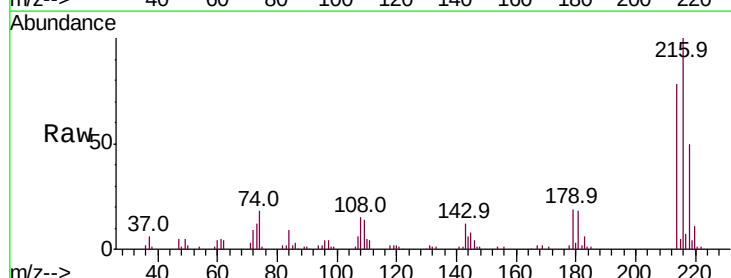
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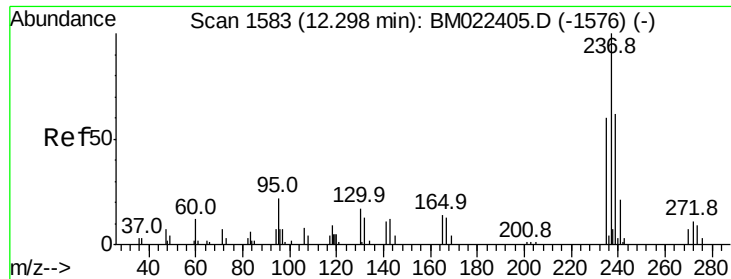


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.500 ng  
RT: 12.35 min Scan# 1591  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.8  | 61.0  | 91.4  |
| 179     | 19.3  | 15.2  | 22.8  |
| 108     | 15.5  | 12.9  | 19.3  |







#41

Hexachlorocyclopentadiene

Concen: 38.180 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

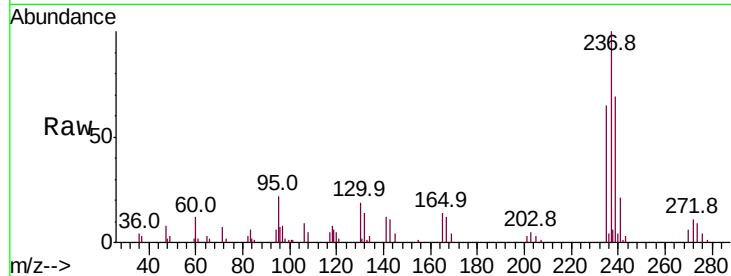
ClientSampleId :

SSTDCCC040

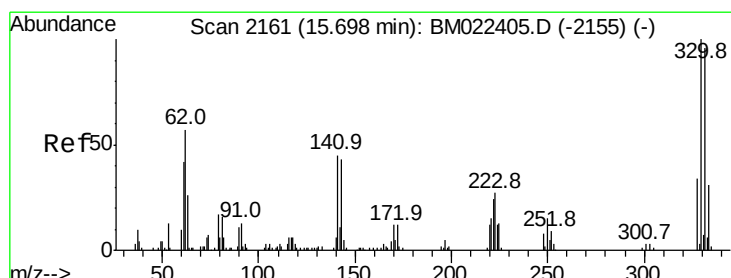
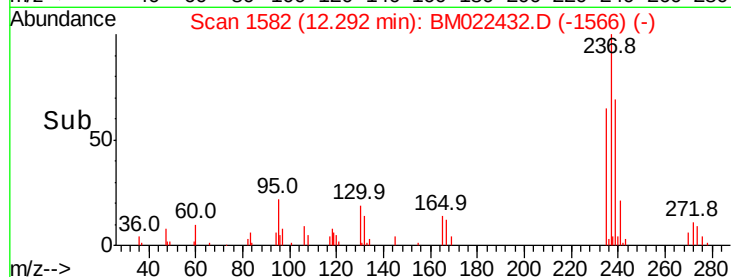
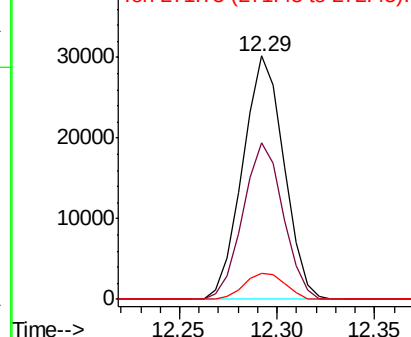
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 44094 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 64.5  | 40.5  | 80.5  |
| 272       | 10.7  | 0.0   | 30.8  |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.722 ng

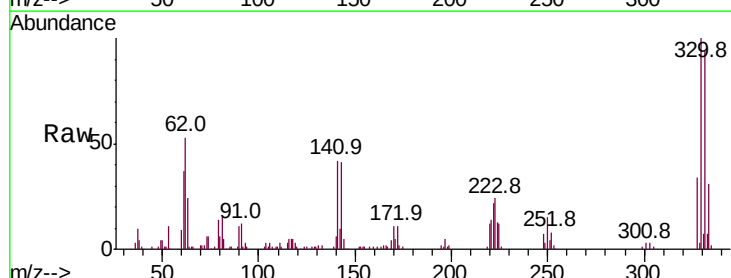
RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

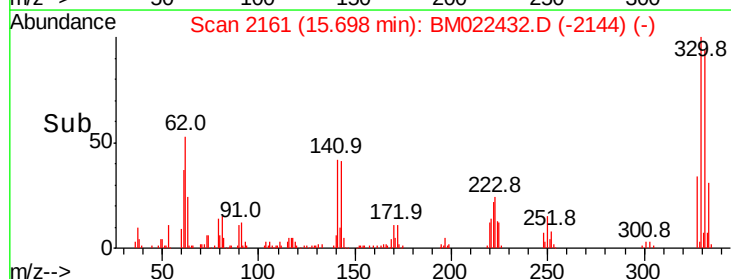
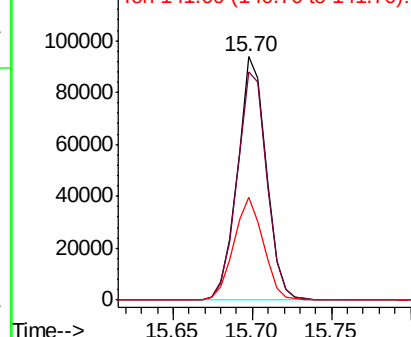
Lab File: BM022432.D

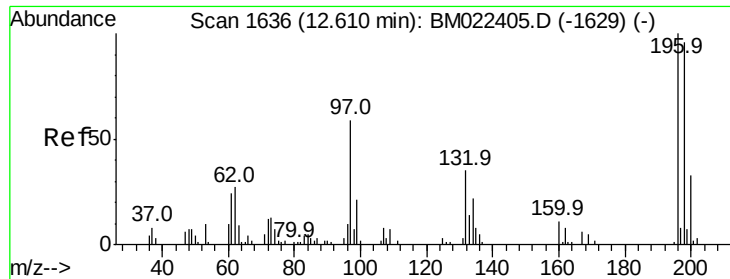
Acq: 30 Aug 2019 09:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 117985 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.0  | 77.8  | 116.8  |
| 141       | 43.4  | 35.6  | 53.4   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





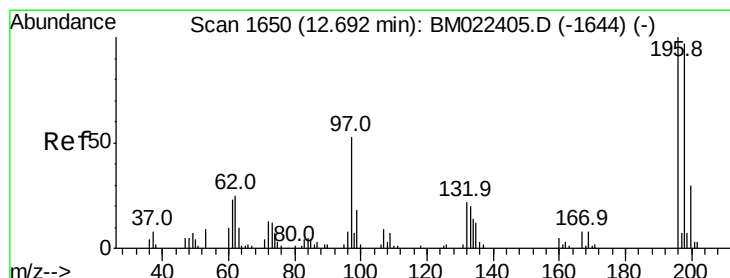
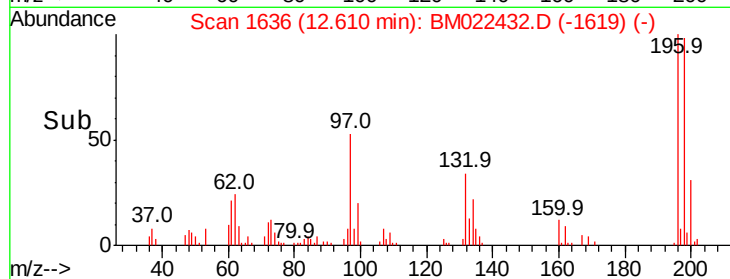
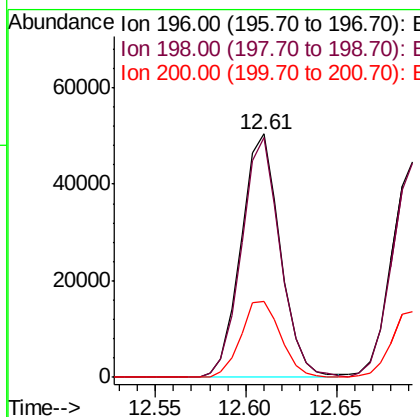
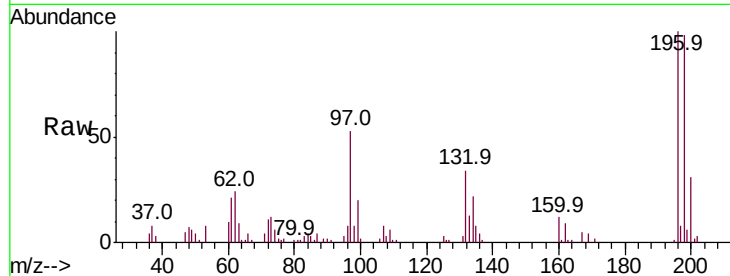
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.997 ng  
 RT: 12.61 min Scan# 1636  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 75956 |       |       |
| 198     | 98.4  | 77.0  | 115.6 |       |
| 200     | 31.3  | 26.3  | 39.5  |       |

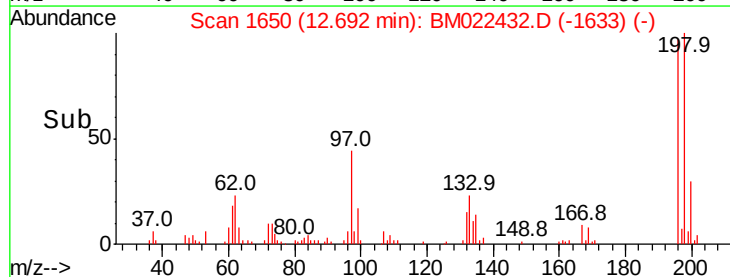
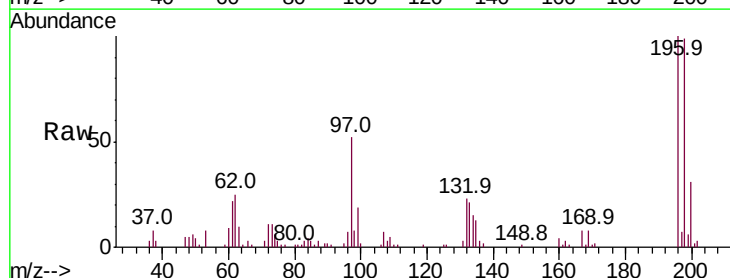
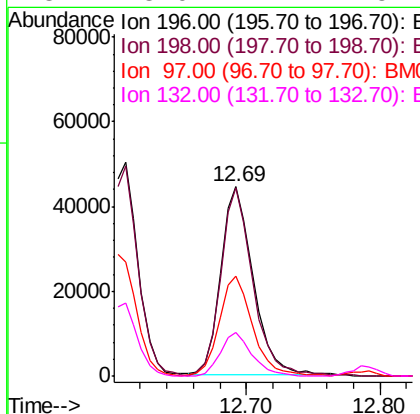
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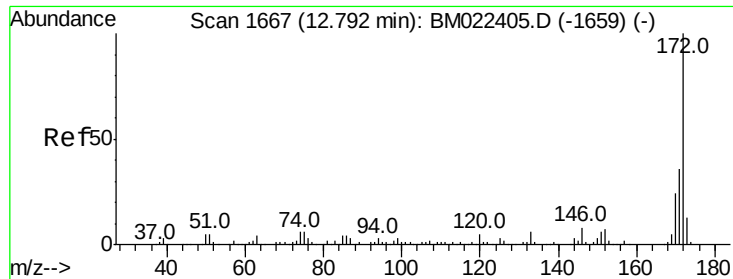
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#44  
 2,4,5-Trichlorophenol  
 Concen: 40.827 ng  
 RT: 12.69 min Scan# 1650  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 75003 |       |       |
| 198     | 99.5  | 76.6  | 115.0 |       |
| 97      | 52.4  | 41.7  | 62.5  |       |
| 132     | 23.0  | 17.1  | 25.7  |       |





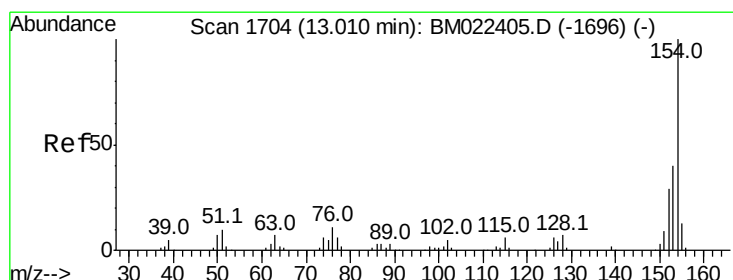
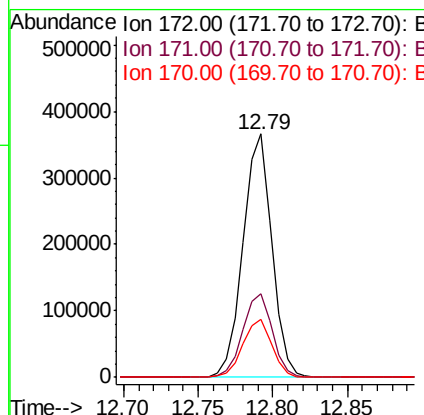
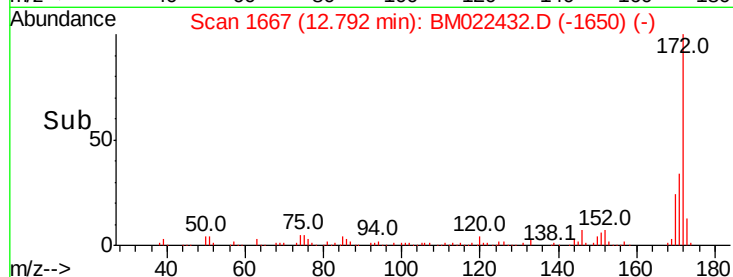
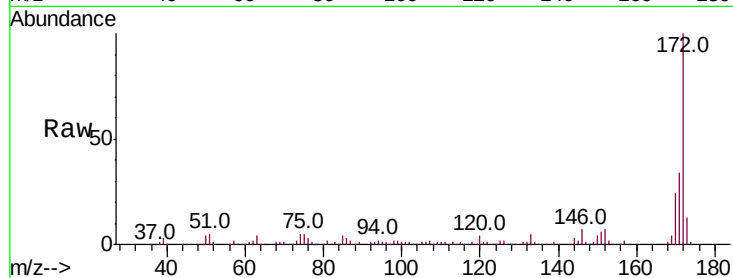
#45  
 2-Fluorobiphenyl  
 Concen: 76.985 ng  
 RT: 12.79 min Scan# 1667  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 491495 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.3  | 28.5  | 42.7   |
| 170       | 23.8  | 18.9  | 28.3   |

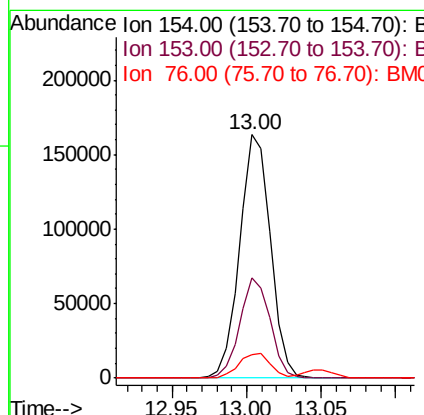
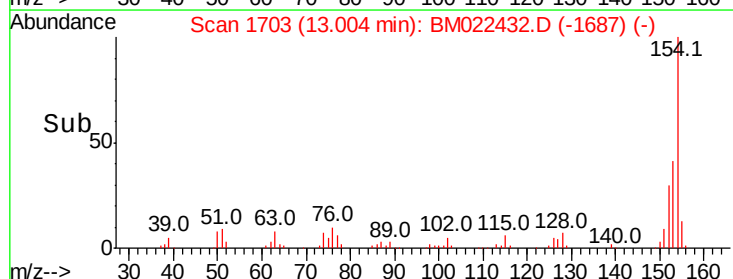
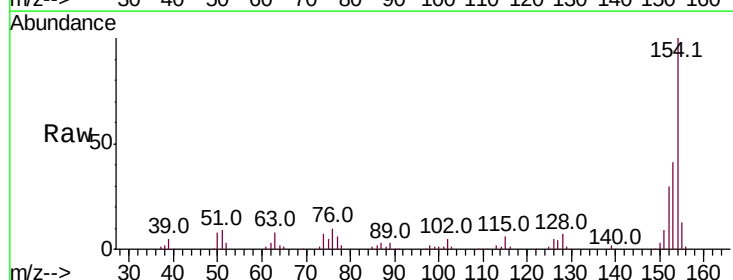
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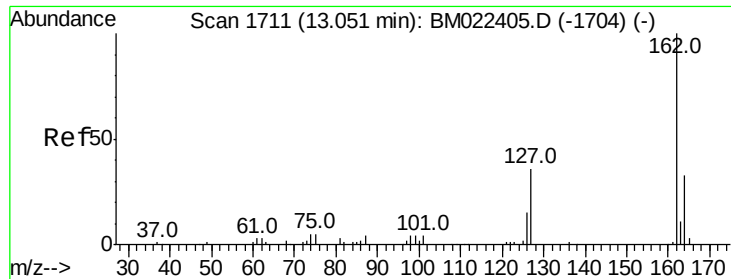
mohammad  
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#46  
 1,1'-Biphenyl  
 Concen: 39.587 ng  
 RT: 13.00 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 233943 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.2  | 20.4  | 60.4   |
| 76        | 9.8   | 0.0   | 30.9   |





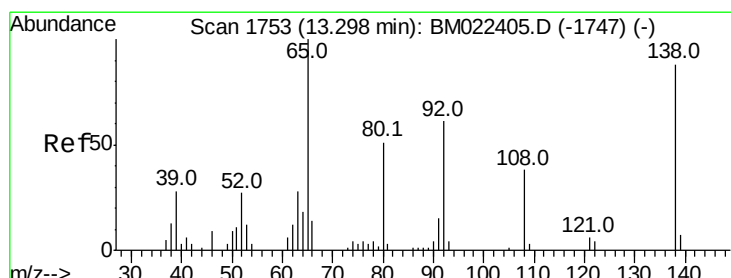
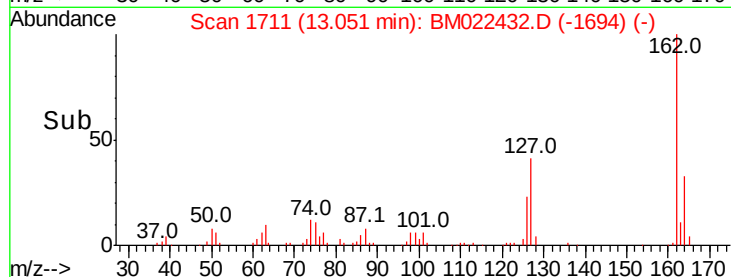
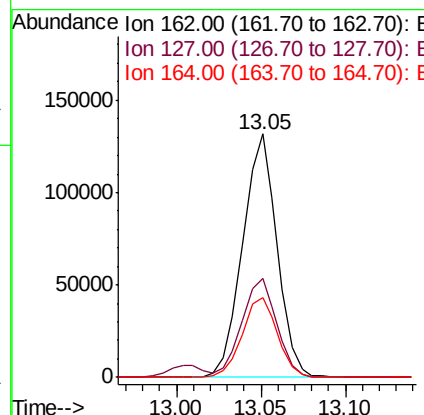
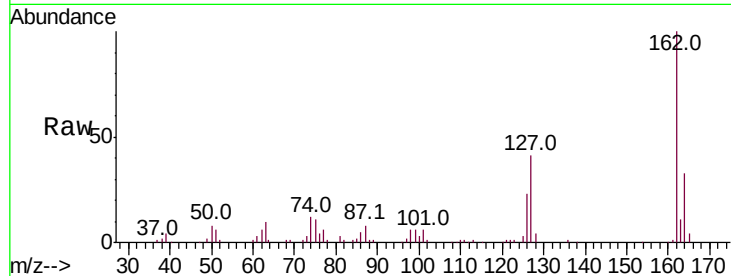
#47  
 2-Chloronaphthalene  
 Concen: 39.760 ng  
 RT: 13.05 min Scan# 1711  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 186564 |       |       |
| 127     | 40.7  | 32.6   | 49.0  |       |
| 164     | 33.0  | 26.2   | 39.4  |       |

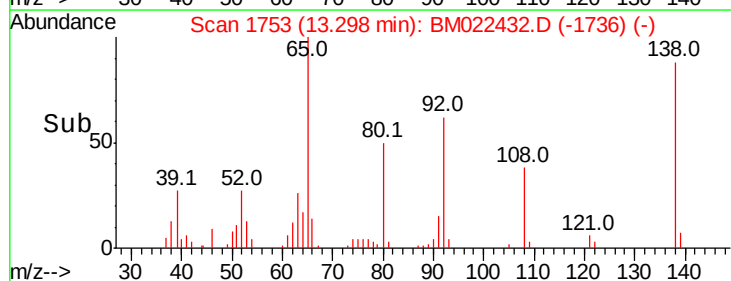
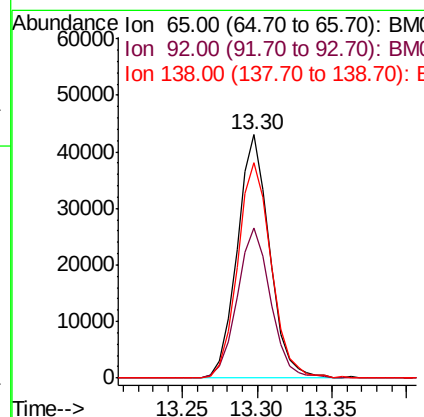
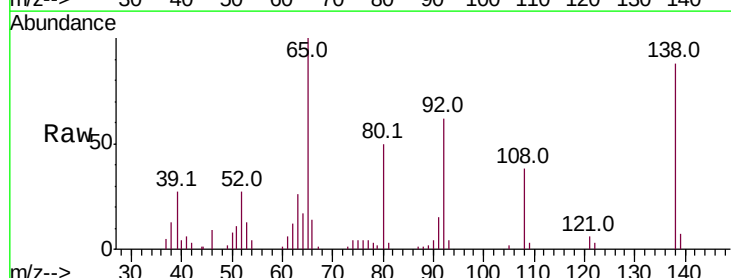
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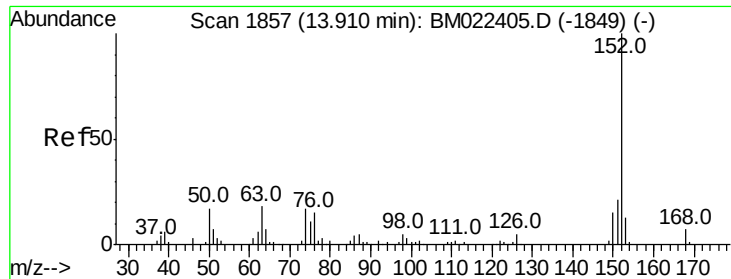
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#48  
 2-Nitroaniline  
 Concen: 42.926 ng  
 RT: 13.30 min Scan# 1753  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 64873 |       |       |
| 92      | 61.5  | 49.1  | 73.7  |       |
| 138     | 88.3  | 70.4  | 105.6 |       |





#49

Acenaphthylene

Concen: 40.500 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

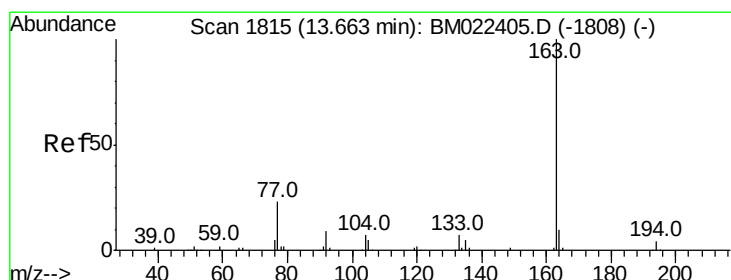
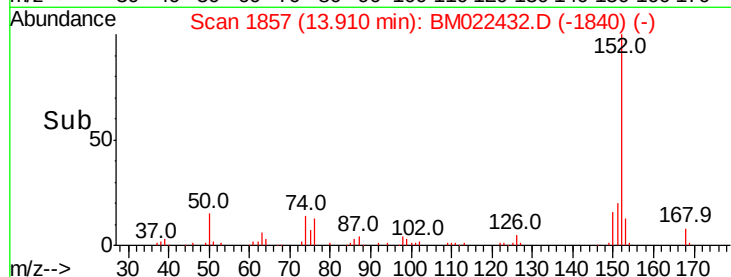
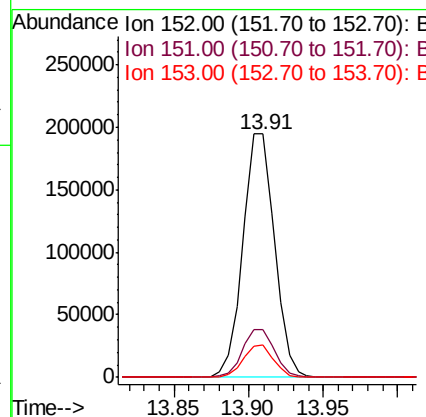
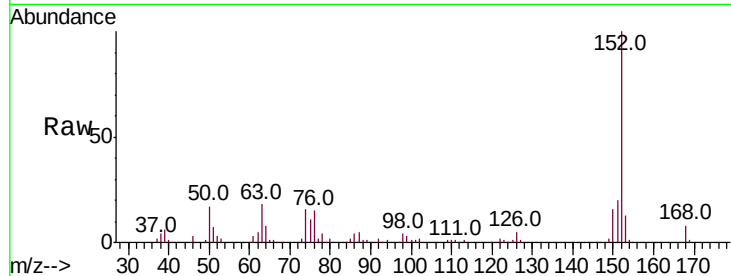
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 286821 |       |       |
| 151     | 19.8  | 16.9   | 25.3  |       |
| 153     | 13.1  | 10.4   | 15.6  |       |

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#50

Dimethylphthalate

Concen: 41.300 ng

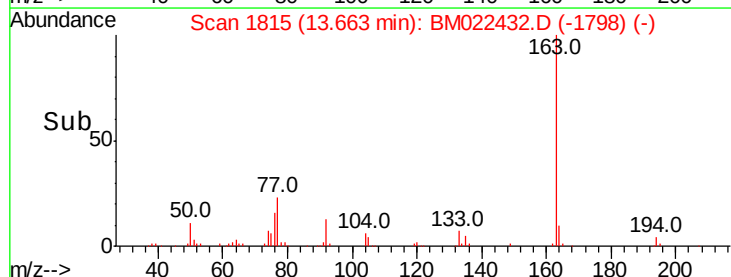
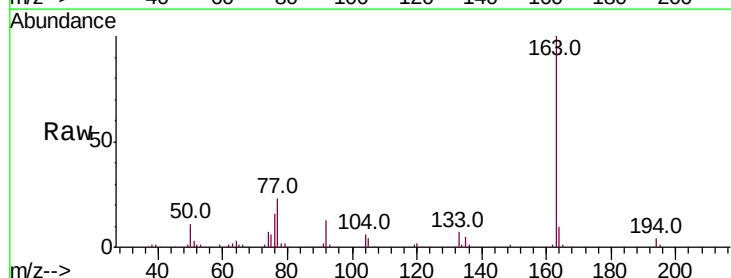
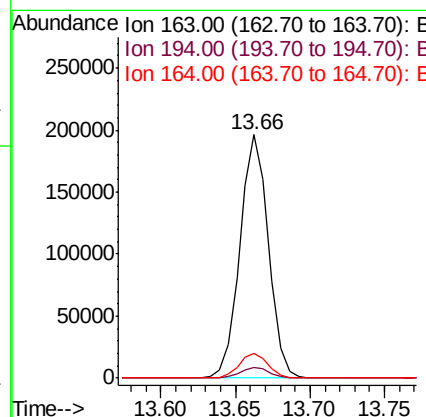
RT: 13.66 min Scan# 1815

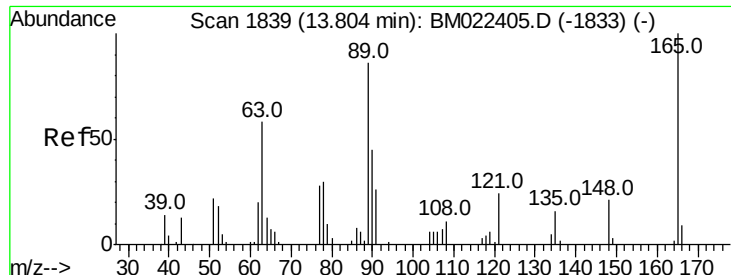
Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 259791 |       |       |
| 194     | 4.3   | 3.4    | 5.2   |       |
| 164     | 10.3  | 8.2    | 12.2  |       |





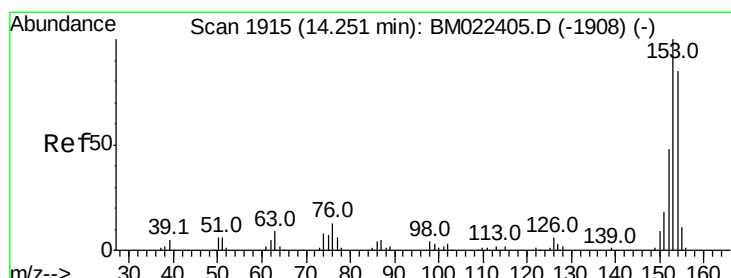
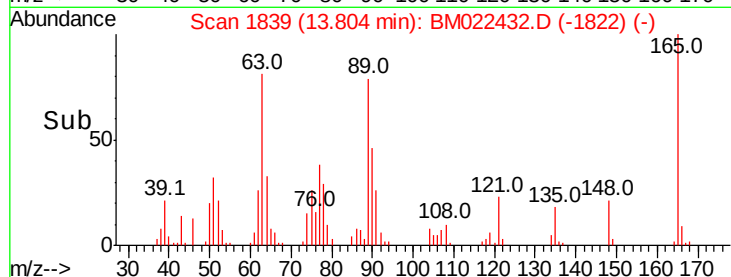
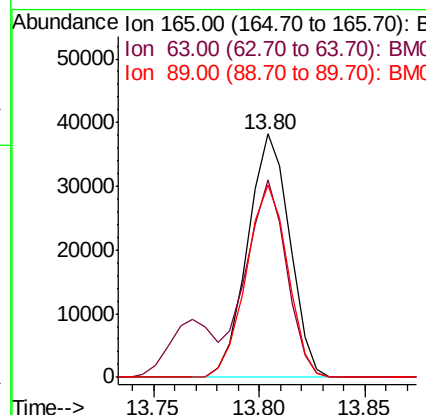
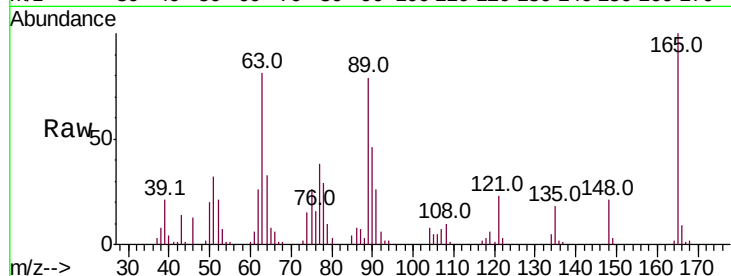
#51  
 2,6-Dinitrotoluene  
 Concen: 42.801 ng  
 RT: 13.80 min Scan# 1839  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 81.4  | 65.4  | 98.2  |
| 89      | 79.3  | 69.0  | 103.6 |

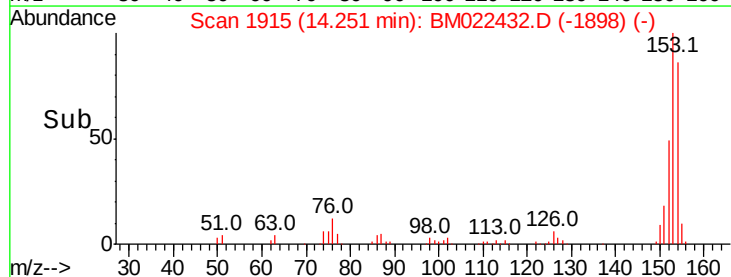
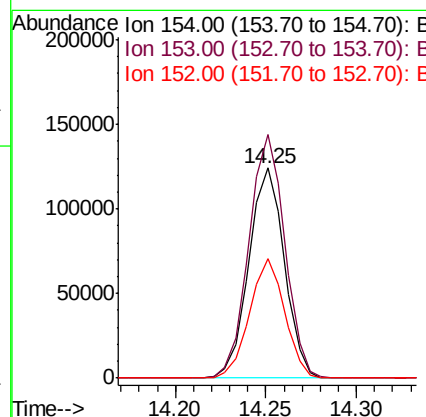
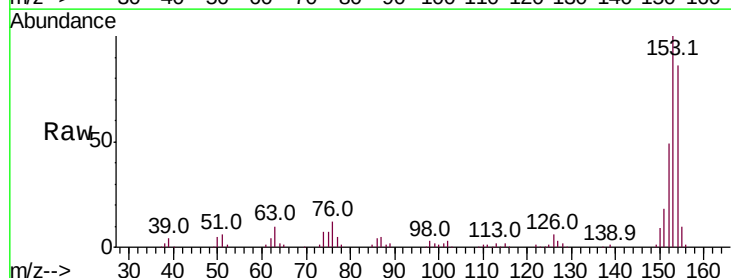
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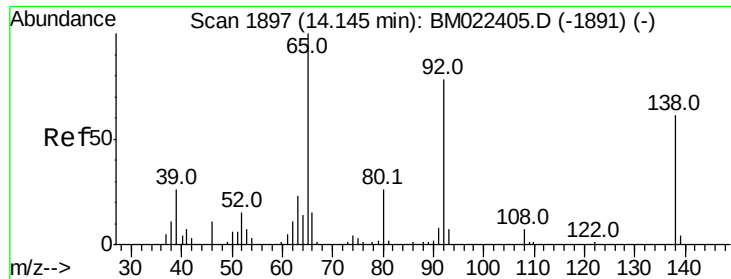
mohammad  
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#52  
 Acenaphthene  
 Concen: 39.897 ng  
 RT: 14.25 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.8 | 94.3  | 141.5 |
| 152     | 56.6  | 45.4  | 68.2  |





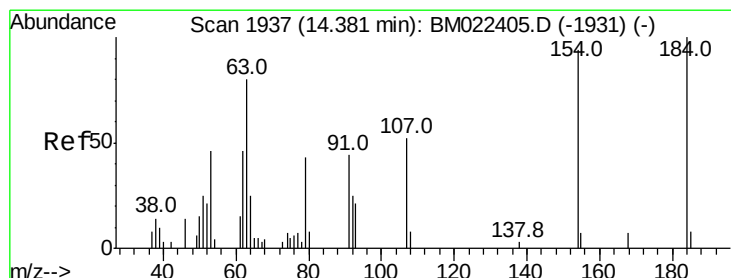
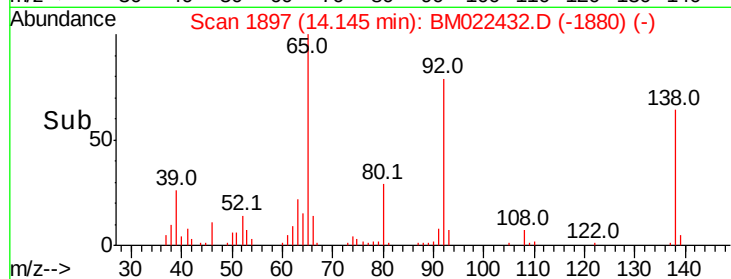
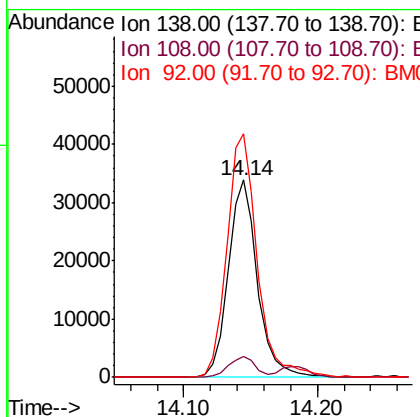
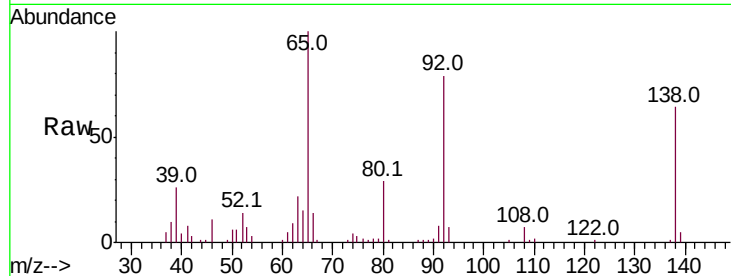
#53  
3-Nitroaniline  
Concen: 43.497 ng  
RT: 14.14 min Scan# 1897  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.8  | 9.1   | 13.7  |
| 92      | 123.5 | 103.3 | 154.9 |

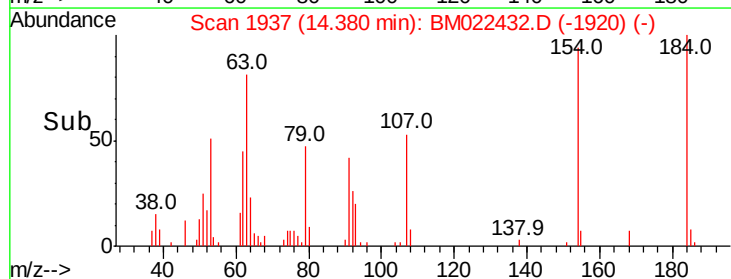
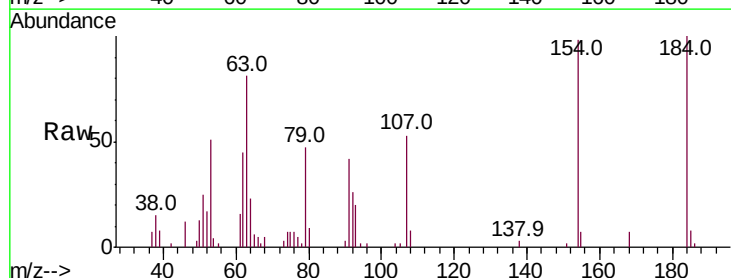
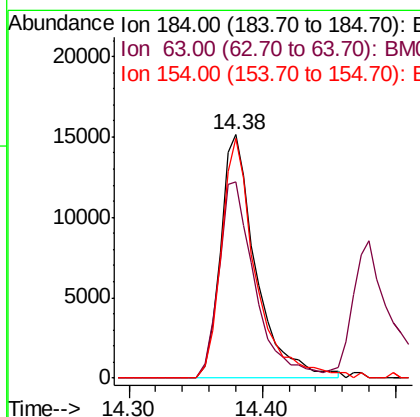
Manual Integrations  
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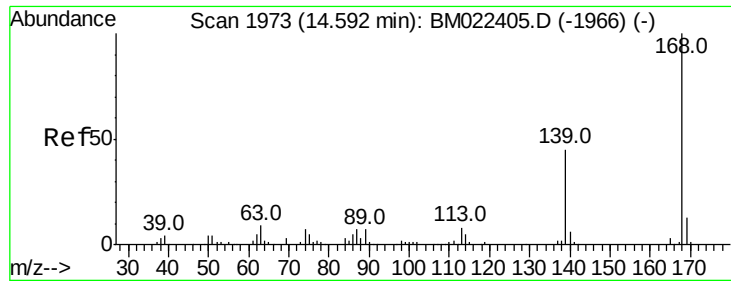
mohammad  
8/31/2019 2:43:43 PM



#54  
2,4-Dinitrophenol  
Concen: 42.251 ng  
RT: 14.38 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 80.8  | 63.8  | 95.8  |
| 154     | 98.3  | 75.0  | 112.6 |





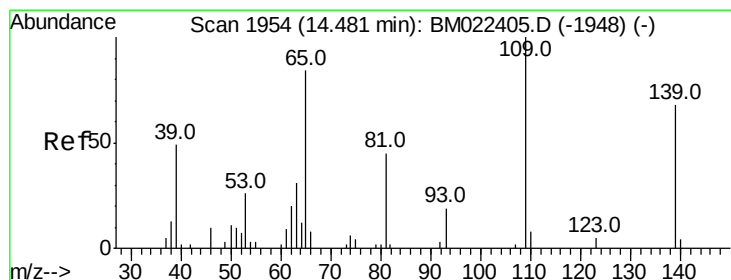
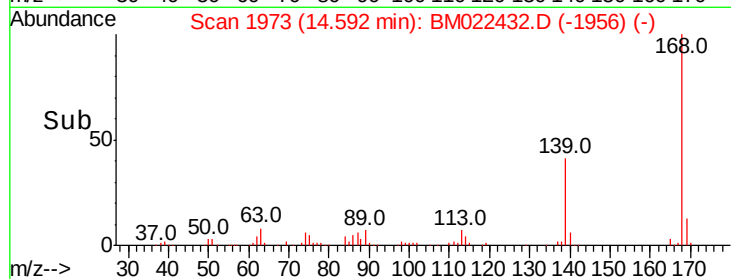
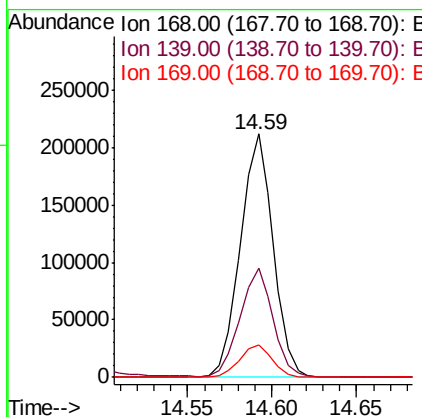
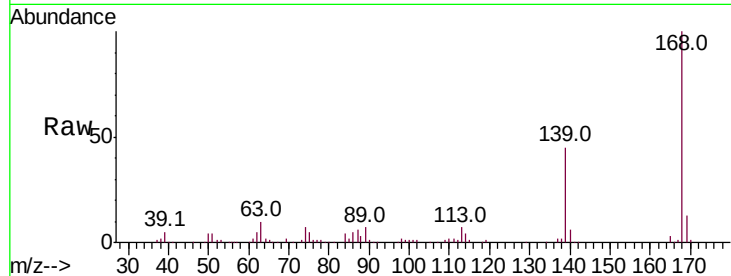
#55  
Dibenzenofuran  
Concen: 39.938 ng  
RT: 14.59 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 44.7  | 36.1  | 54.1  |
| 169     | 13.1  | 10.4  | 15.6  |

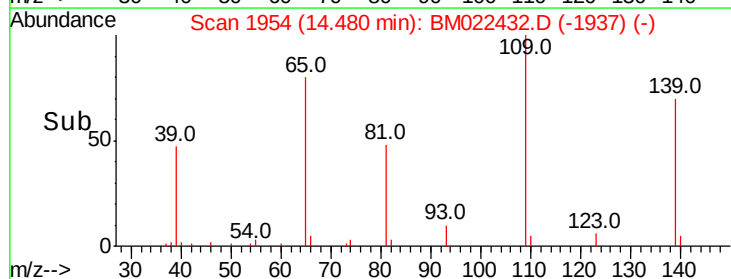
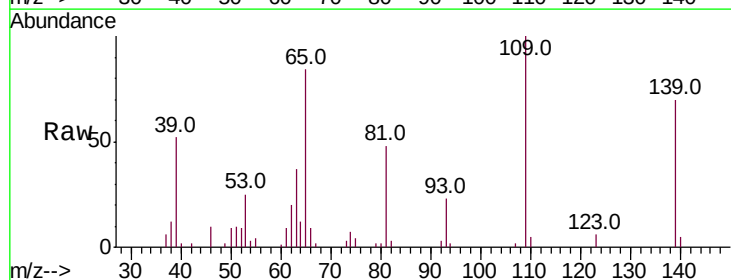
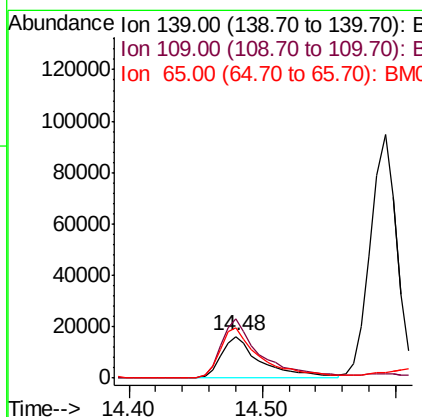
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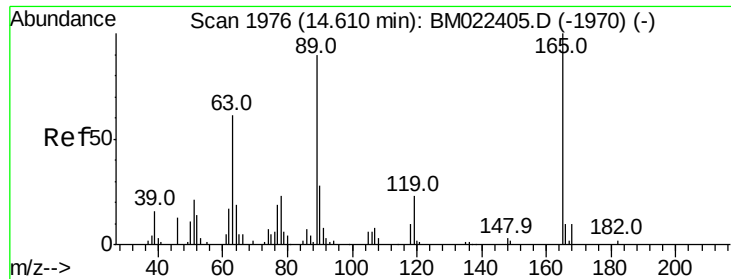


#56  
4-Nitrophenol  
Concen: 45.116 ng  
RT: 14.48 min Scan# 1954  
Delta R.T. 0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 142.3 | 128.0 | 168.0 |
| 65      | 119.6 | 104.3 | 144.3 |







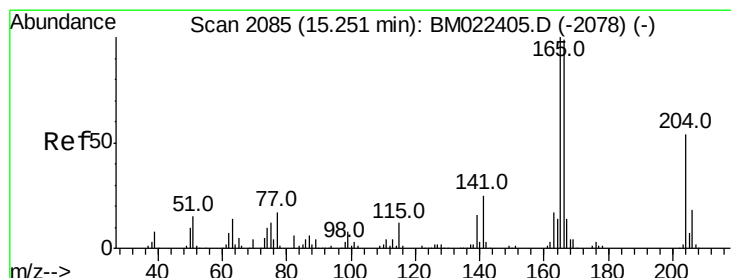
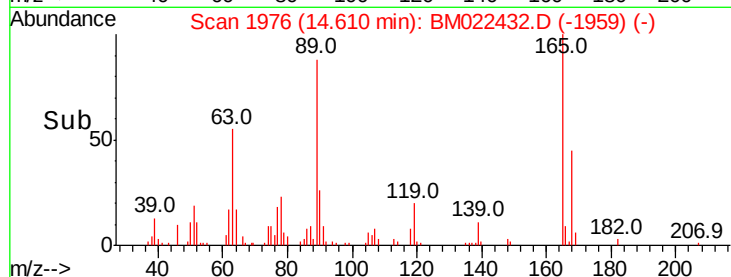
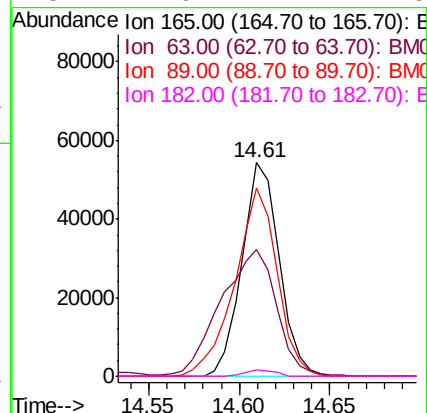
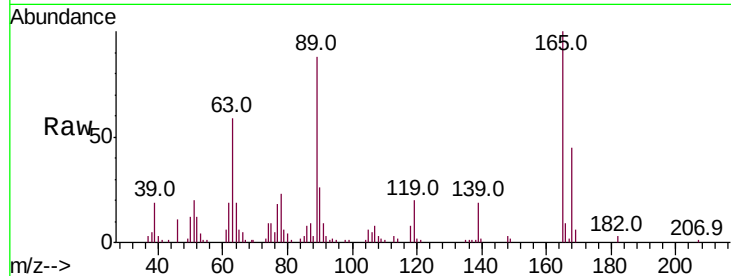
#57  
2,4-Dinitrotoluene  
Concen: 43.683 ng  
RT: 14.61 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 59.2  | 54.6  | 82.0  |
| 89      | 88.1  | 74.5  | 111.7 |
| 182     | 2.9   | 1.7   | 2.5#  |

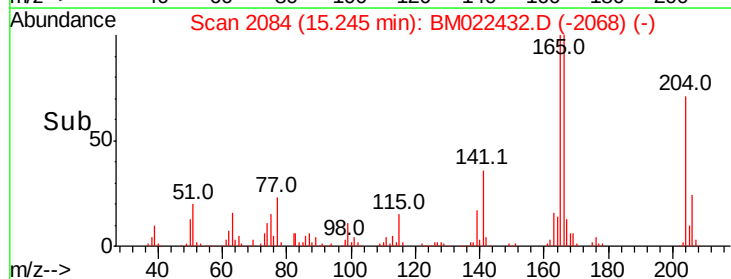
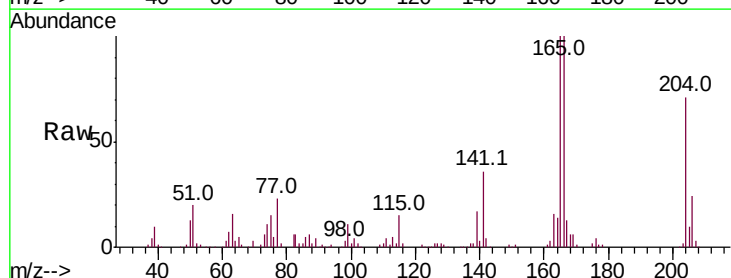
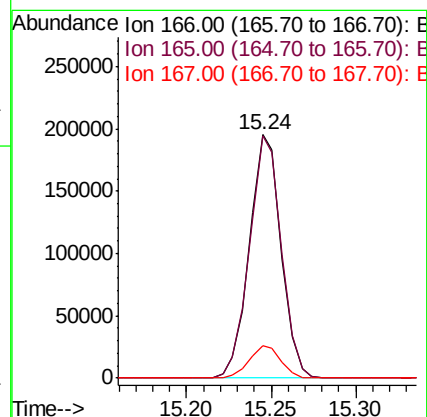
Manual Integrations  
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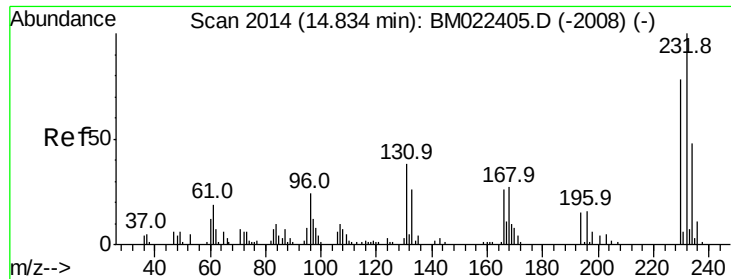
mohammad  
8/31/2019 2:43:43 PM



#58  
Fluorene  
Concen: 39.927 ng  
RT: 15.24 min Scan# 2084  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.6  | 81.1  | 121.7 |
| 167     | 13.3  | 11.1  | 16.7  |





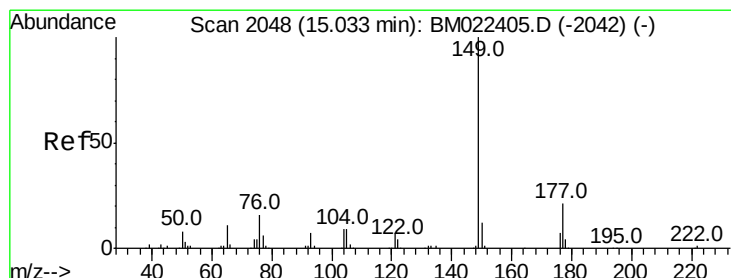
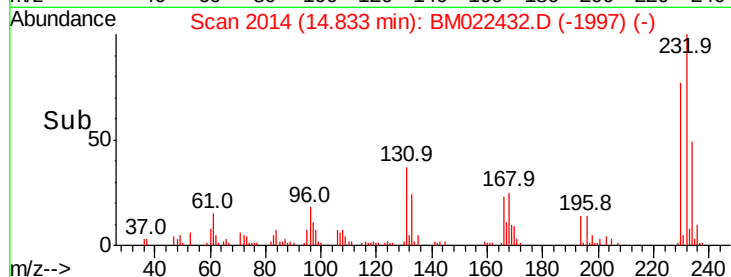
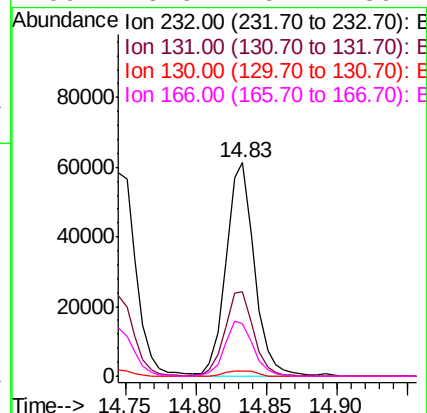
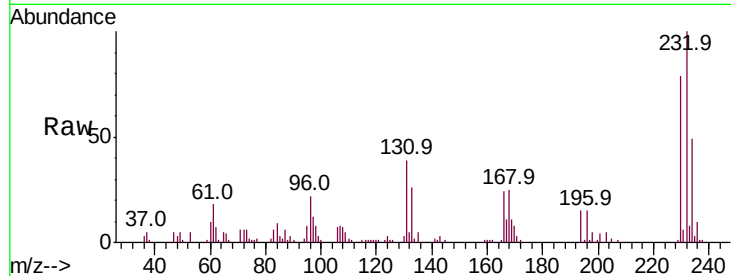
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.470 ng  
 RT: 14.83 min Scan# 2014  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 85857 |       |       |
| 131     | 40.5  |       | 32.0  | 48.0  |
| 130     | 2.9   |       | 2.4   | 3.6   |
| 166     | 25.6  |       | 20.2  | 30.2  |

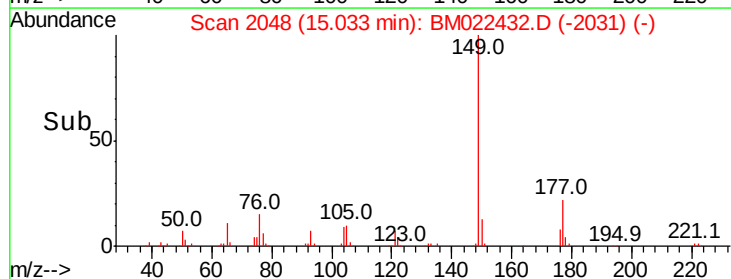
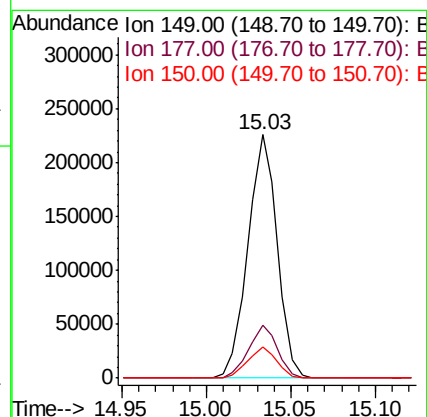
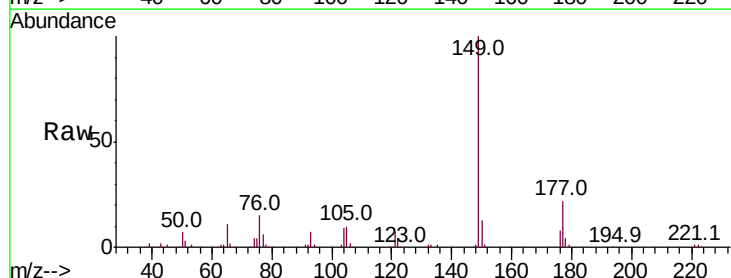
Manual Integrations  
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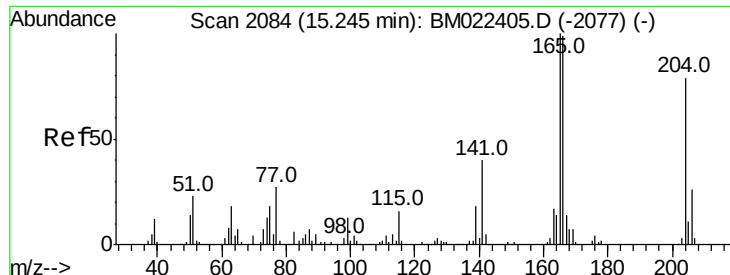
mohammad  
 8/31/2019 2:43:43 PM



#60  
 Diethylphthalate  
 Concen: 41.569 ng  
 RT: 15.03 min Scan# 2048  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 273131 |       |       |
| 177     | 21.6  |        | 16.6  | 25.0  |
| 150     | 12.7  |        | 9.8   | 14.8  |





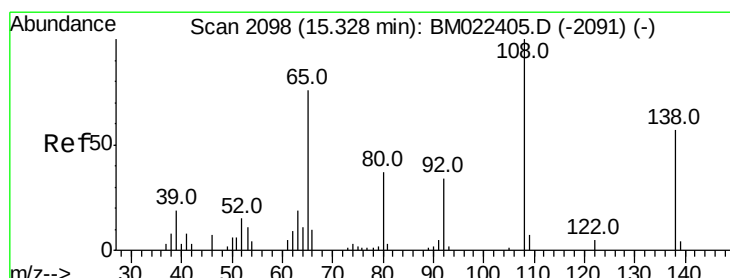
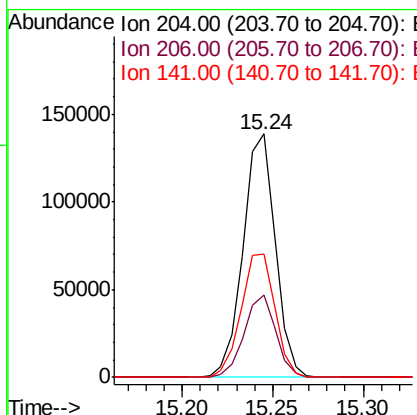
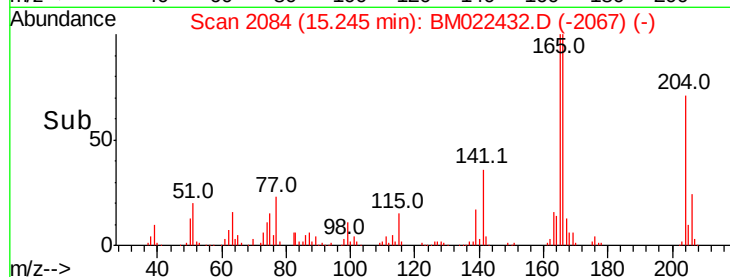
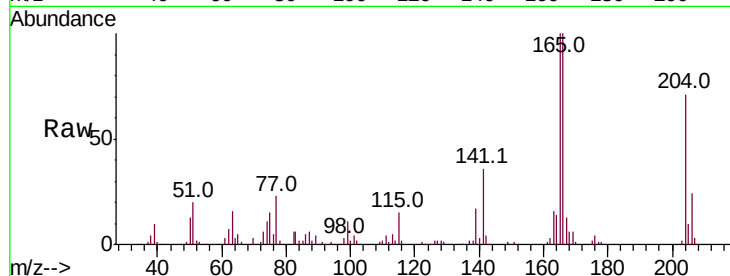
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.089 ng  
 RT: 15.24 min Scan# 2084  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 171823 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 34.0  | 26.2  | 39.4   |
| 141       | 50.4  | 40.6  | 60.8   |

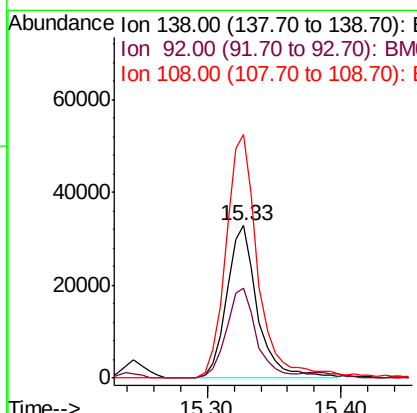
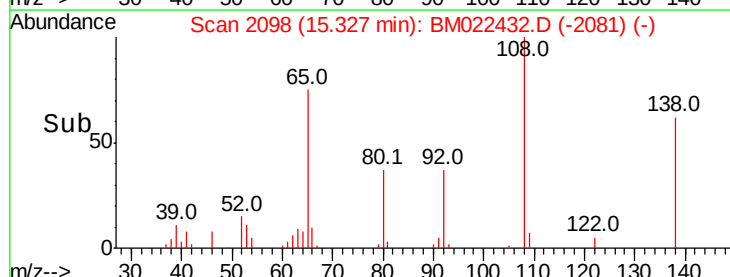
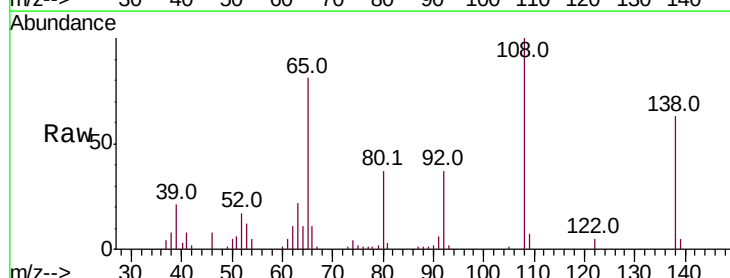
Manual Integrations  
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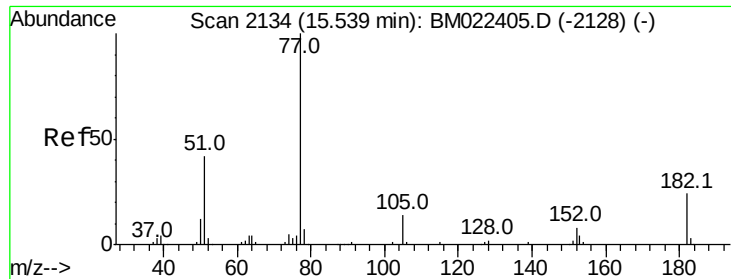
mohammad  
 8/31/2019 2:43:43 PM



#62  
 4-Nitroaniline  
 Concen: 47.757 ng  
 RT: 15.33 min Scan# 2098  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 53034 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 59.5  | 40.5  | 80.5  |
| 108       | 159.8 | 156.8 | 196.8 |





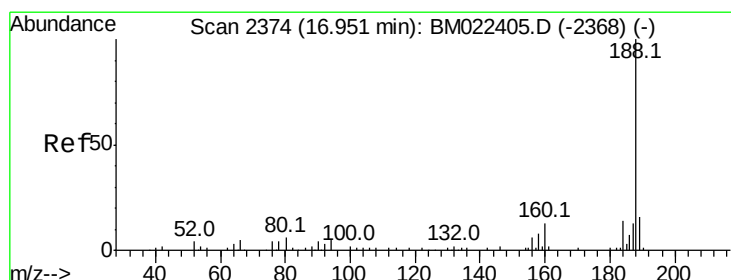
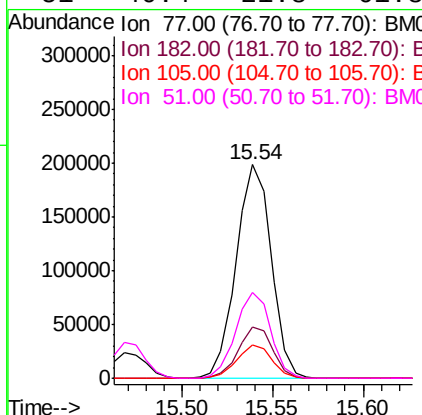
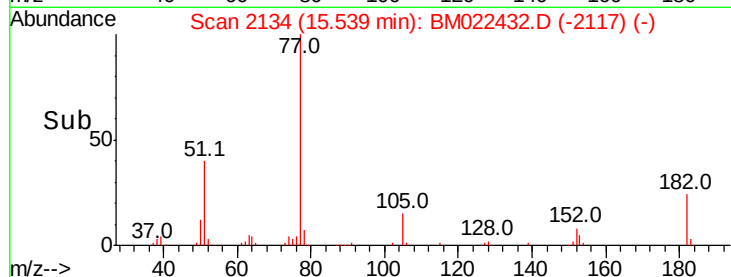
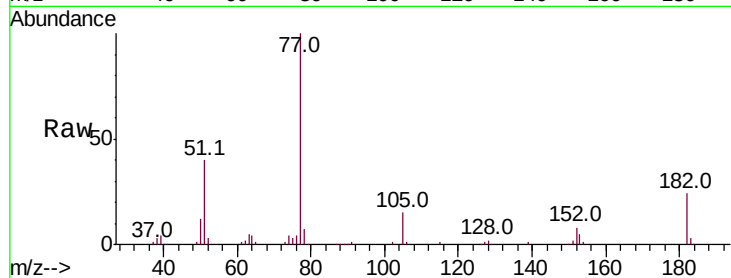
#63  
Azobenzene  
Concen: 40.882 ng  
RT: 15.54 min Scan# 2134  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.7  | 3.5   | 43.5  |
| 105     | 15.5  | 0.0   | 34.2  |
| 51      | 40.4  | 21.8  | 61.8  |

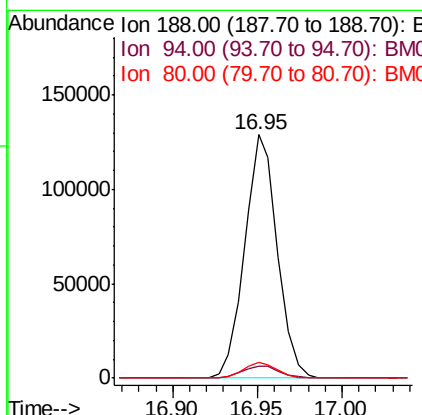
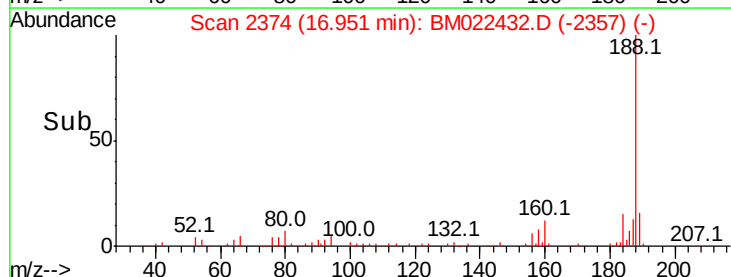
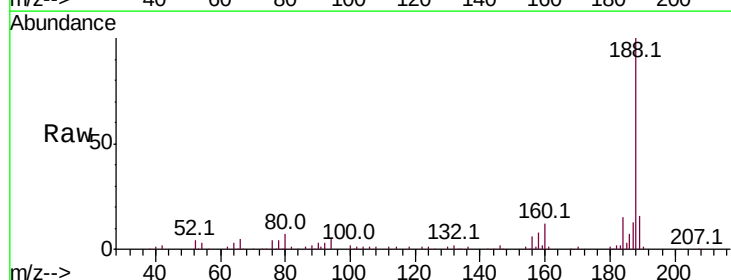
Manual Integrations  
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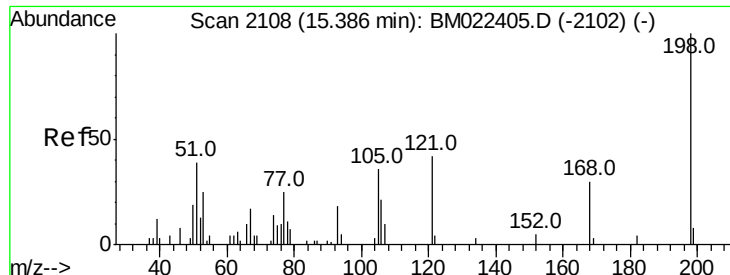
mohammad  
8/31/2019 2:43:43 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.95 min Scan# 2374  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.1   | 4.4   | 6.6   |
| 80      | 6.6   | 5.0   | 7.6   |





#65

4,6-Dinitro-2-methylphenol

Concen: 42.733 ng

RT: 15.39 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 43926

Ion Ratio Lower Upper

198 100

51 40.9 21.0 61.0

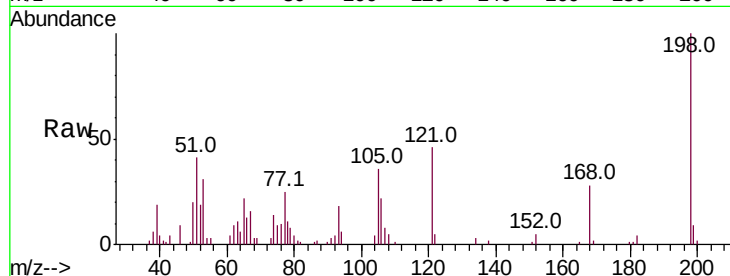
105 36.3 16.1 56.1

Manual Integrations

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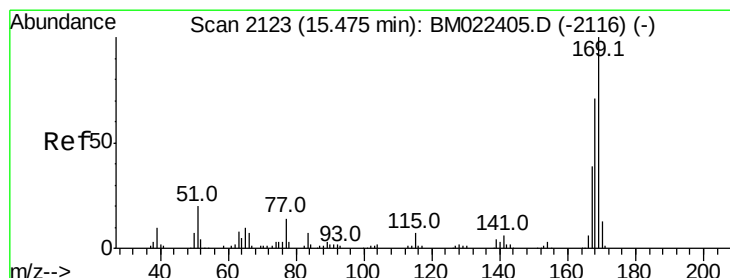
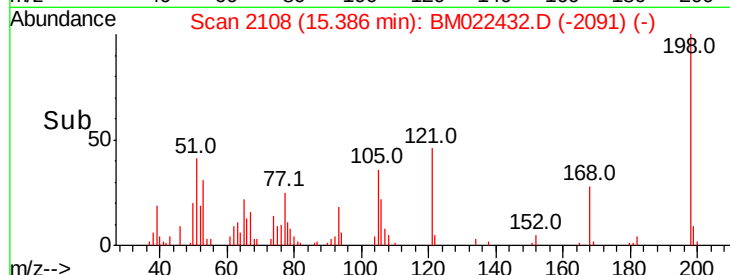
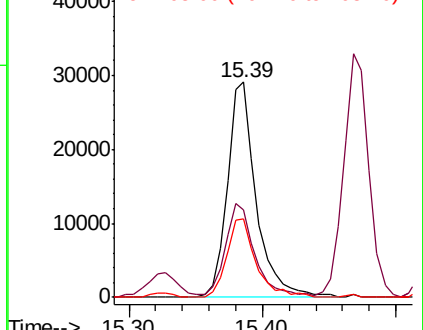
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.967 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

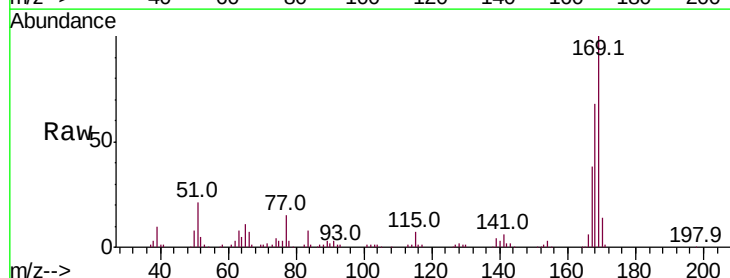
Tgt Ion:169 Resp: 207863

Ion Ratio Lower Upper

169 100

168 67.8 56.7 85.1

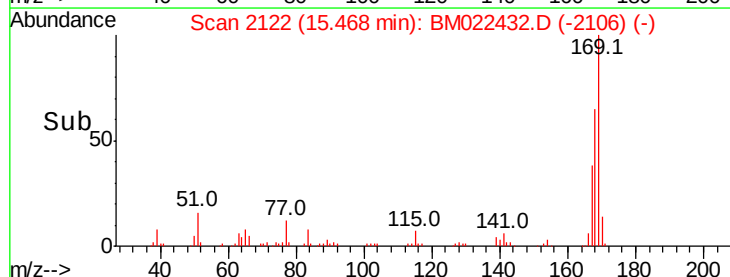
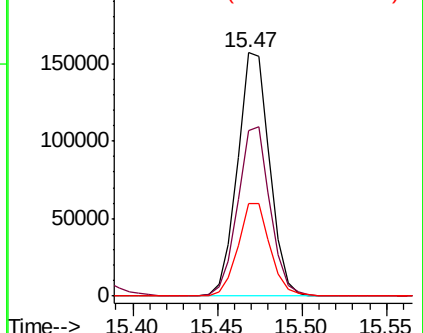
167 38.2 30.8 46.2

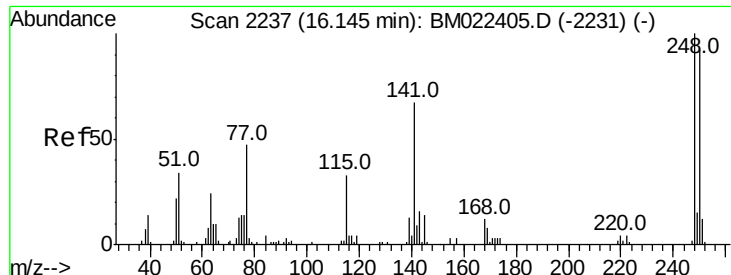


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.179 ng

RT: 16.14 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

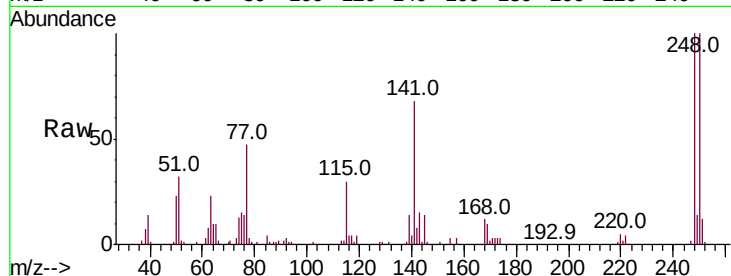
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 106189 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.8  | 73.6  | 110.4  |
| 141       | 68.0  | 53.3  | 79.9   |

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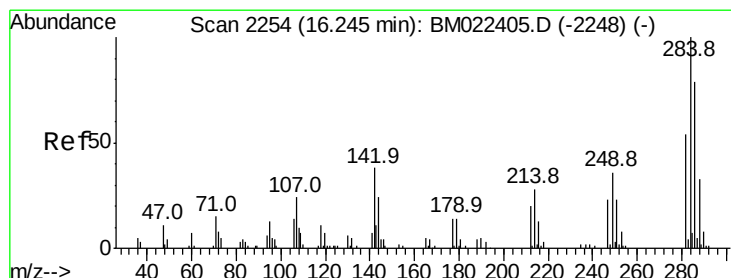
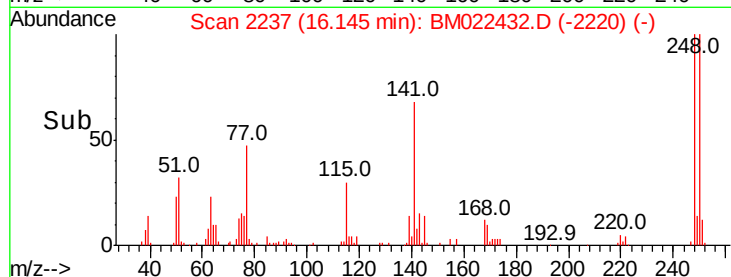
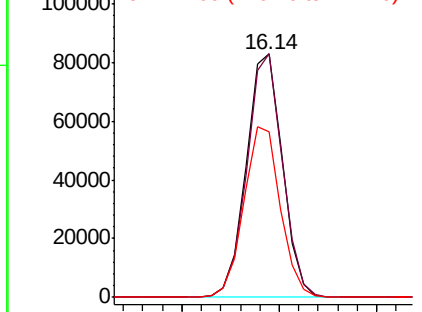


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.140 ng

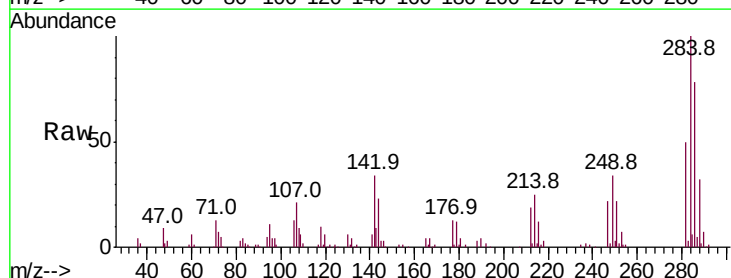
RT: 16.24 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 123236 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.8  | 30.2  | 45.4   |
| 249       | 33.9  | 28.8  | 43.2   |

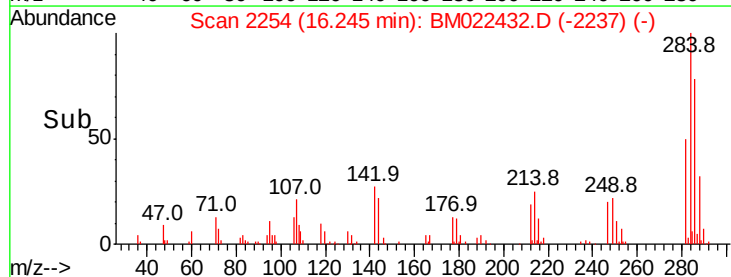
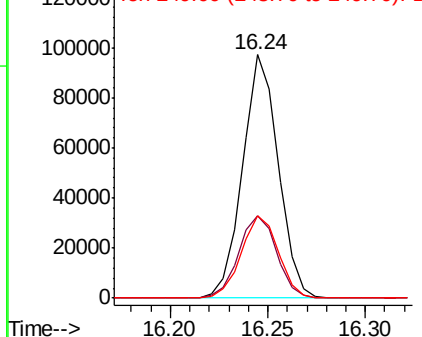


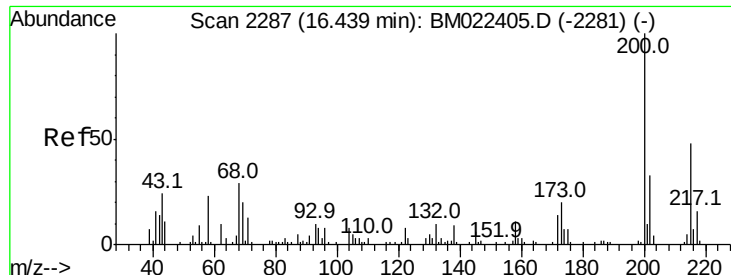
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





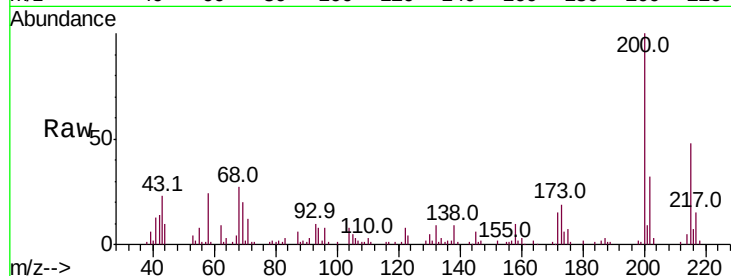
#69  
Atrazine  
Concen: 39.303 ng  
RT: 16.44 min Scan# 2287  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

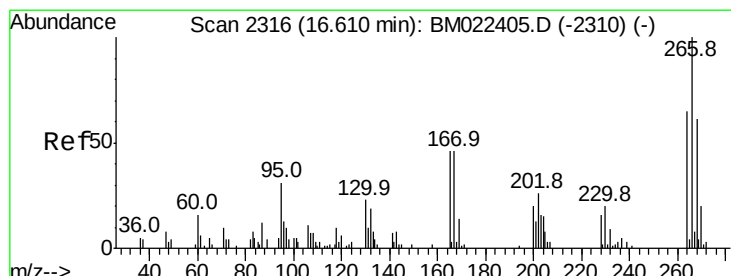
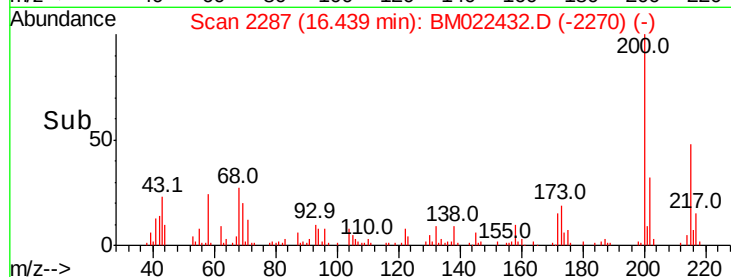
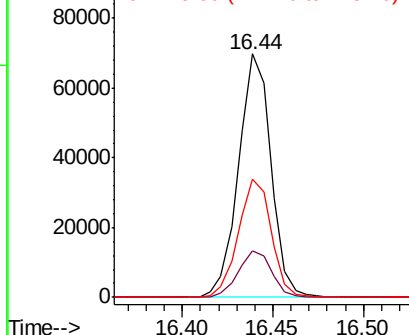
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 19.0  | 0.0   | 39.9  |
| 215     | 48.4  | 27.8  | 67.8  |

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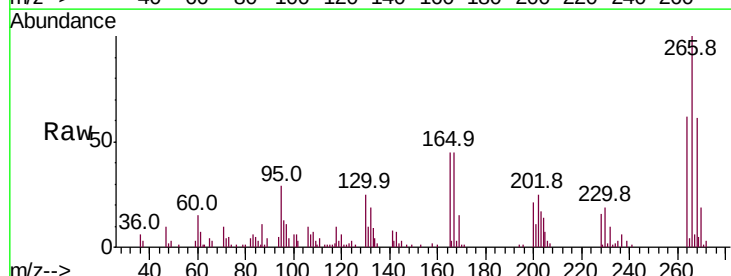


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

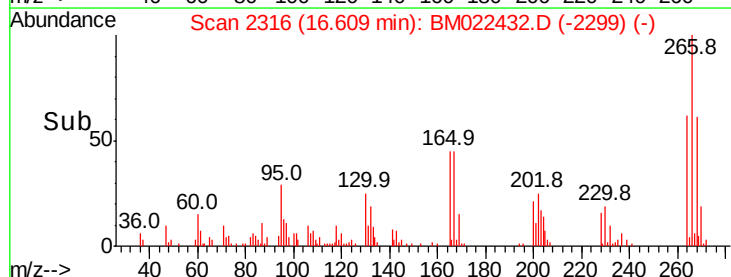
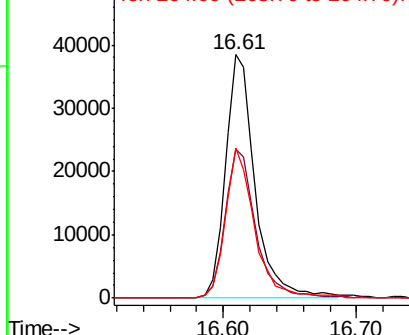


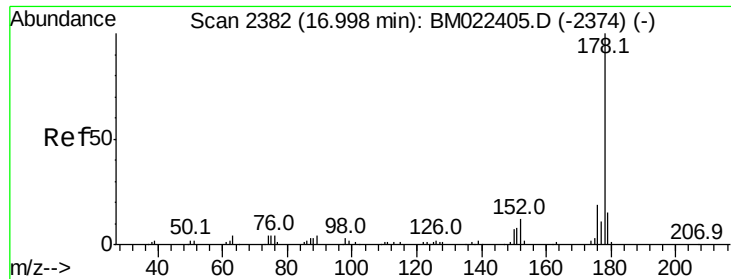
#70  
Pentachlorophenol  
Concen: 43.350 ng  
RT: 16.61 min Scan# 2316  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.3  | 48.4  | 72.6  |
| 264     | 61.6  | 51.7  | 77.5  |



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





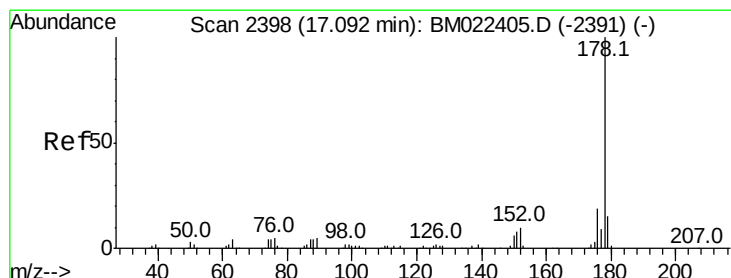
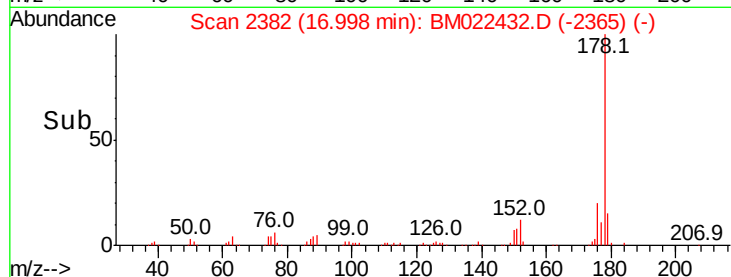
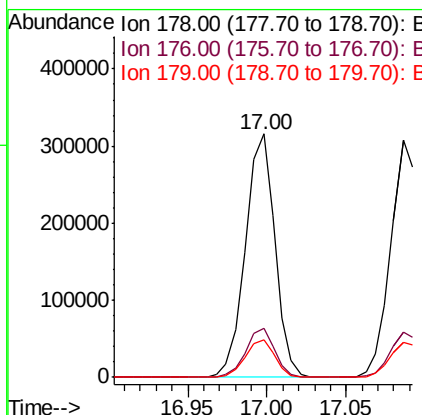
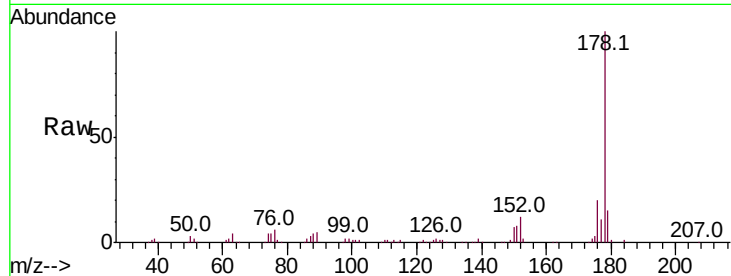
#71  
Phenanthrene  
Concen: 40.669 ng  
RT: 17.00 min Scan# 2382  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 15.4  | 23.2  |
| 179     | 15.3  | 12.3  | 18.5  |

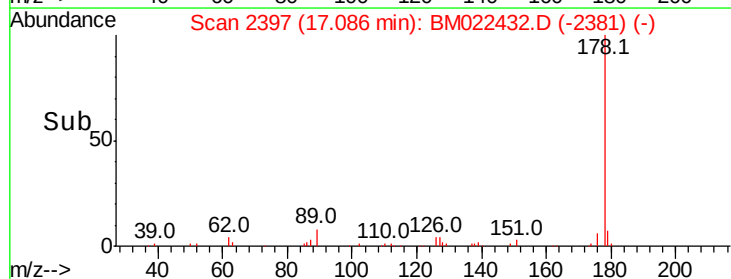
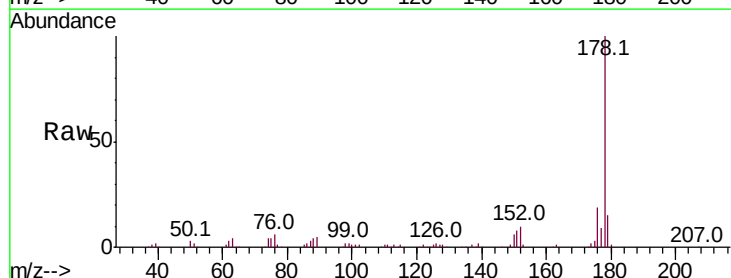
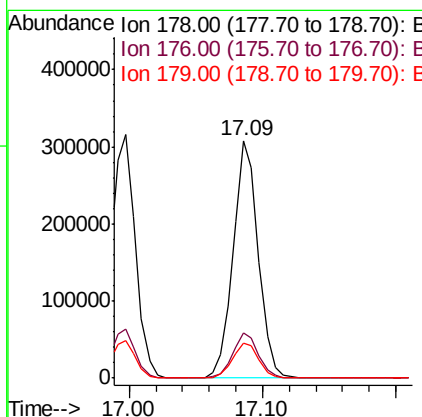
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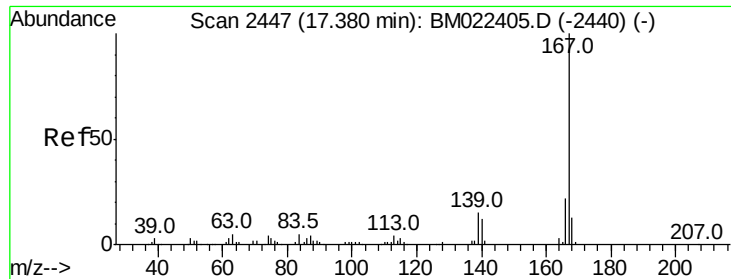


#72  
Anthracene  
Concen: 40.614 ng  
RT: 17.09 min Scan# 2397  
Delta R.T. -0.01 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.0  | 22.4  |
| 179     | 14.8  | 11.8  | 17.6  |







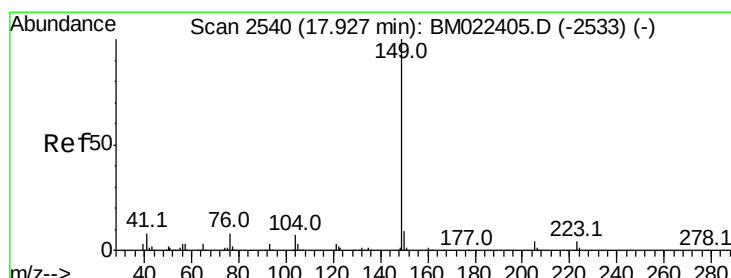
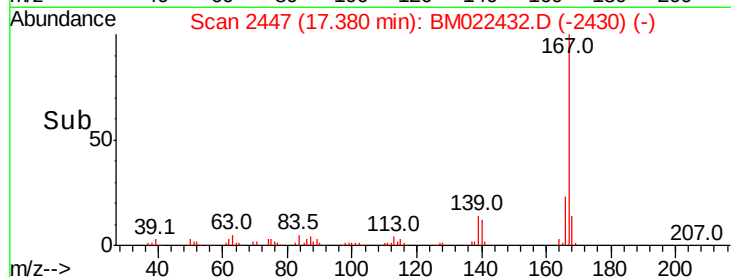
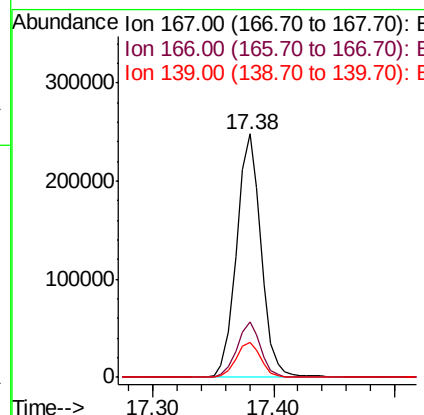
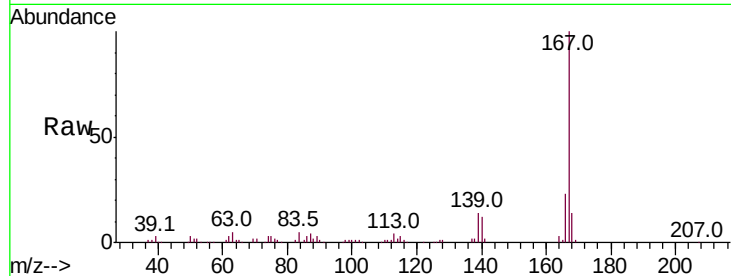
#73  
 Carbazole  
 Concen: 43.009 ng  
 RT: 17.38 min Scan# 2447  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.9  | 17.8  | 26.6  |
| 139     | 14.4  | 11.6  | 17.4  |

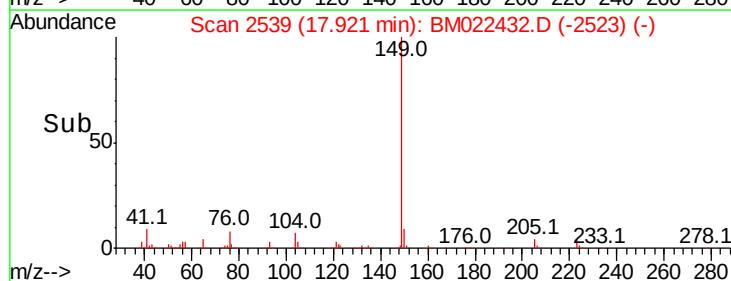
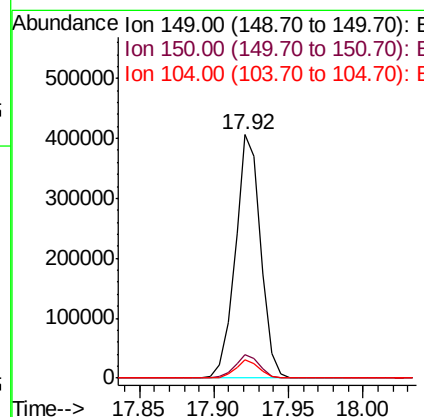
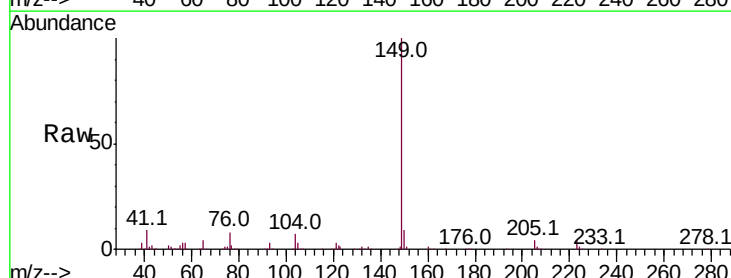
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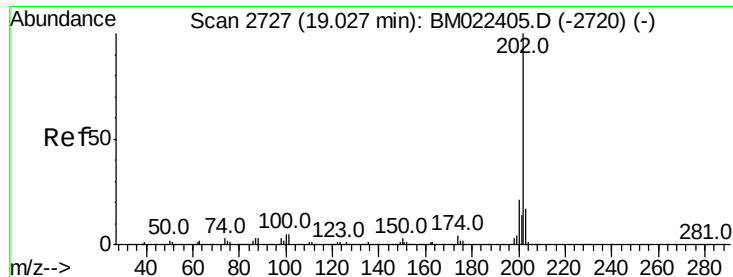
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 43.398 ng  
 RT: 17.92 min Scan# 2539  
 Delta R.T. -0.01 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.4   | 11.0  |
| 104     | 7.4   | 5.6   | 8.4   |





#75

Fluoranthene

Concen: 44.464 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

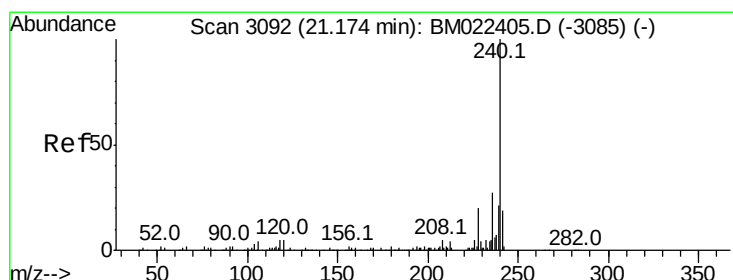
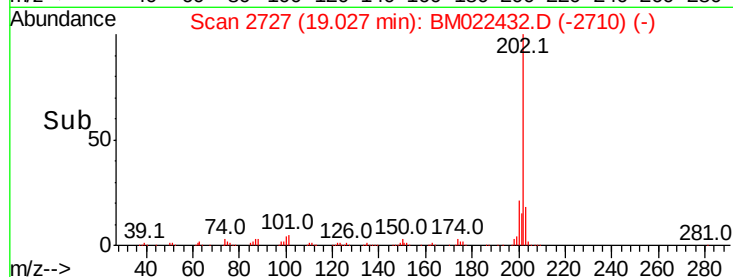
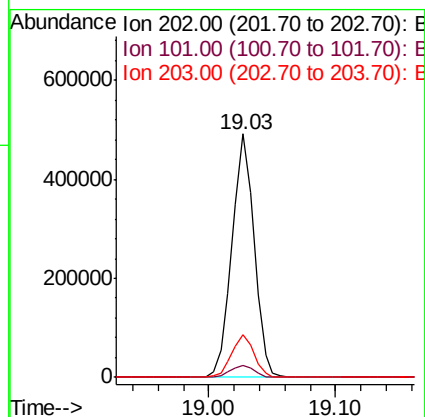
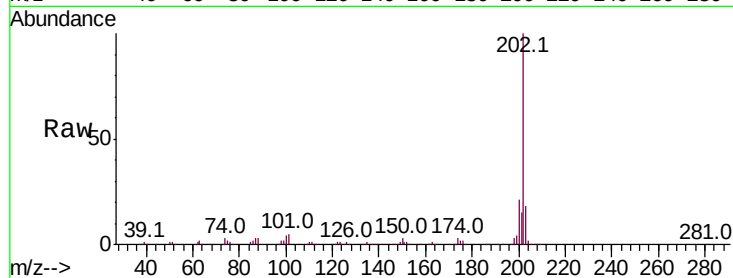
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 594564 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 5.1   | 0.0   | 25.1   |
| 203       | 17.6  | 0.0   | 37.1   |

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#76

Chrysene-d12

Concen: 20.000 ng

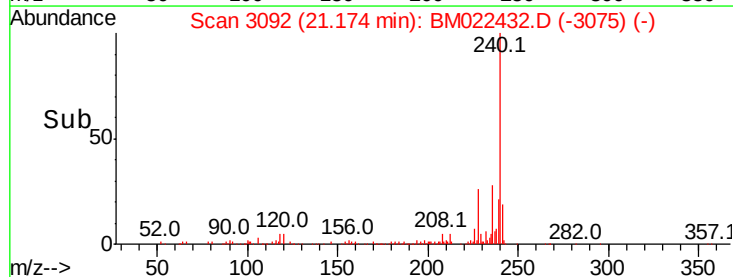
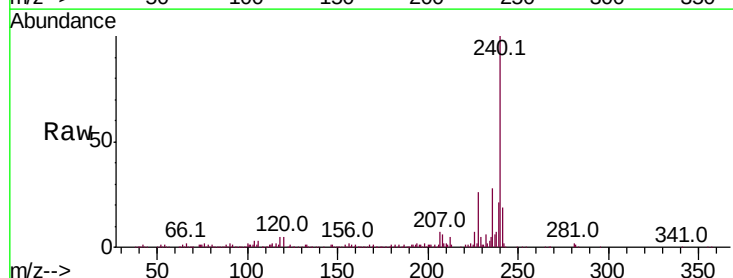
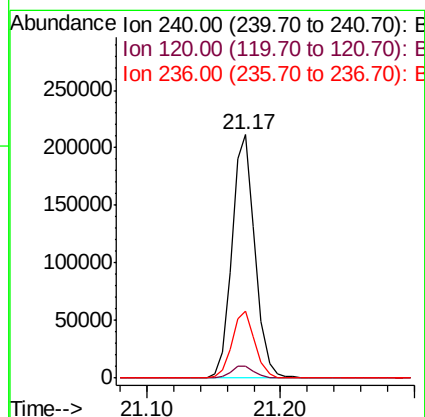
RT: 21.17 min Scan# 3092

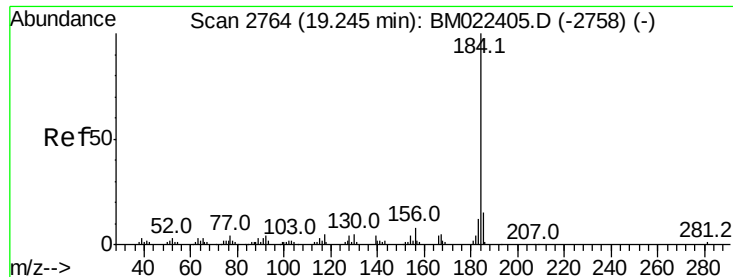
Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 254436 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 5.1   | 3.9   | 5.9    |
| 236       | 27.6  | 21.4  | 32.2   |





#77

Benzidine

Concen: 47.648 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

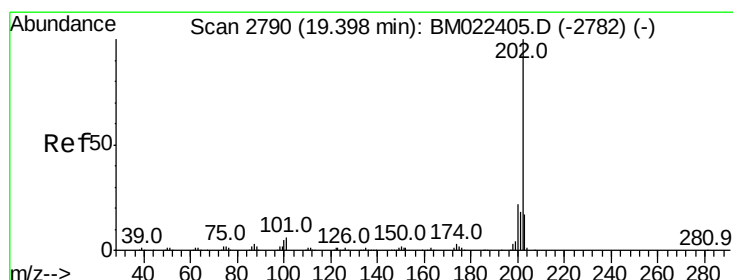
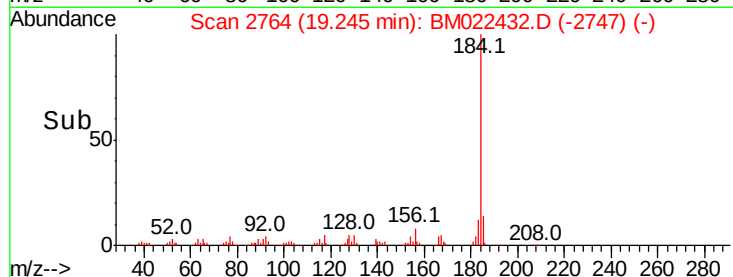
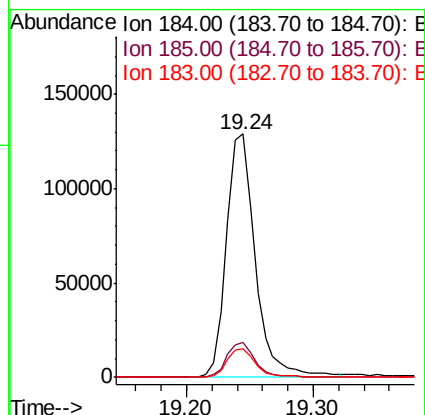
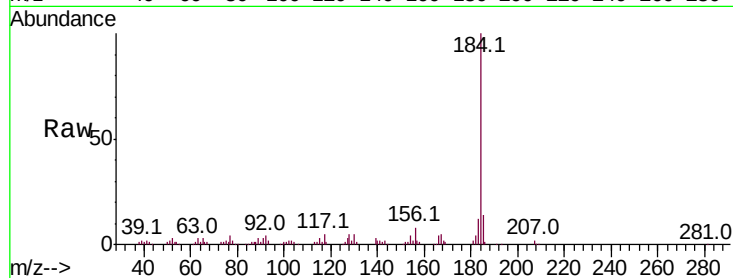
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 204140 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.4  | 11.8  | 17.6   |
| 183       | 11.7  | 9.4   | 14.2   |

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#78

Pyrene

Concen: 35.448 ng

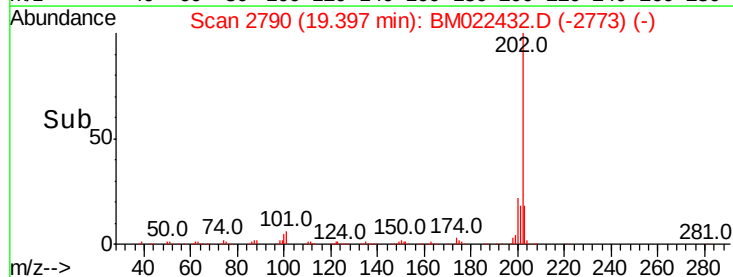
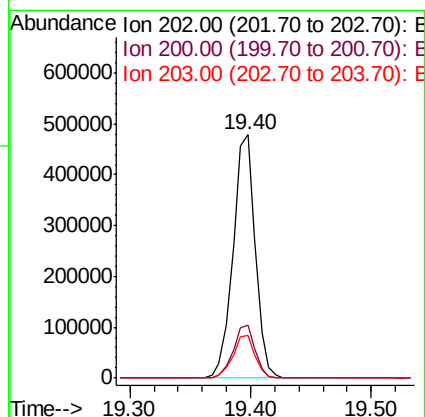
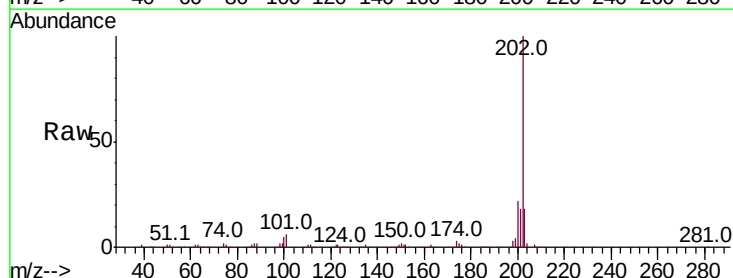
RT: 19.40 min Scan# 2790

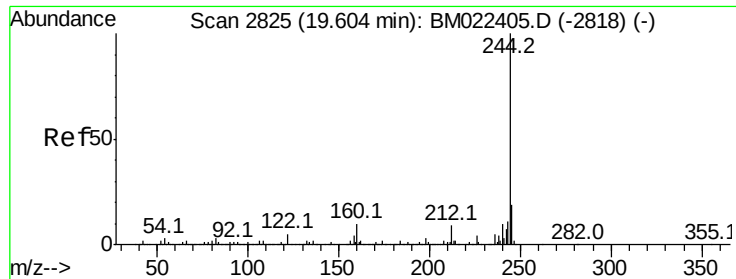
Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 614659 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.7  | 17.7  | 26.5   |
| 203       | 17.7  | 13.8  | 20.8   |





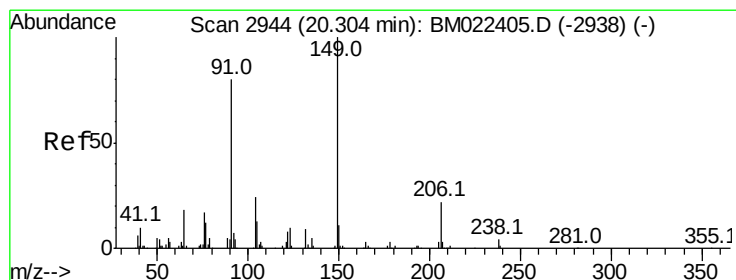
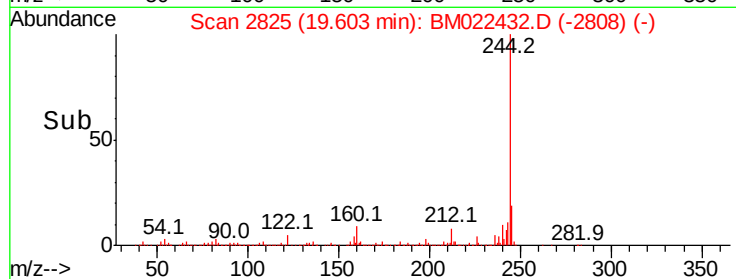
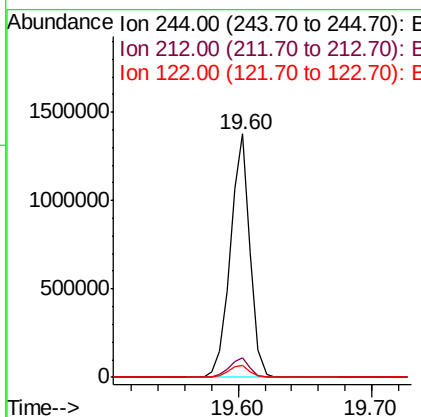
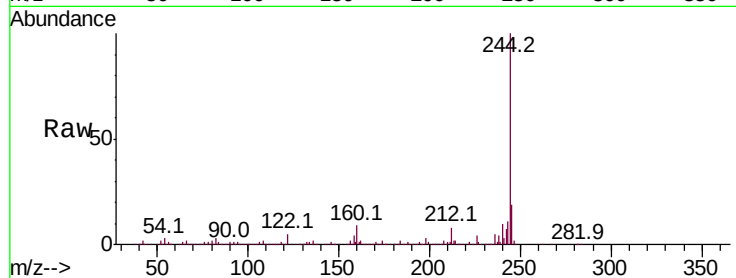
#79  
 Terphenyl-d14  
 Concen: 73.243 ng  
 RT: 19.60 min Scan# 2825  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 7.0   | 10.4  |
| 122     | 4.8   | 3.9   | 5.9   |

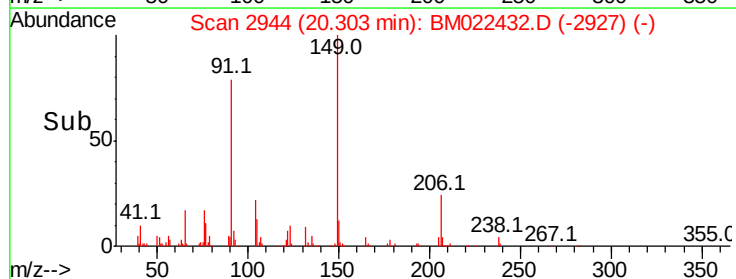
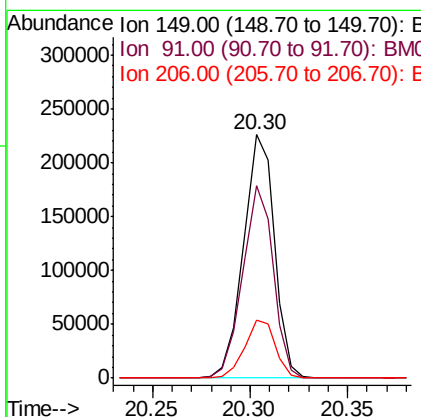
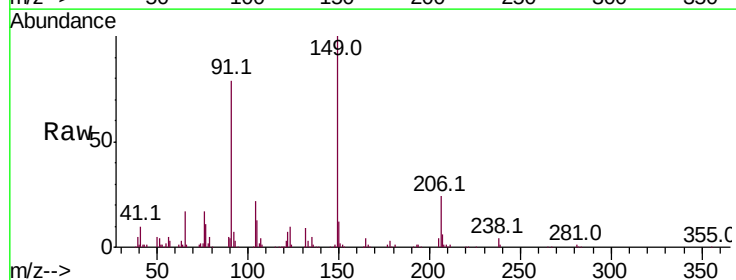
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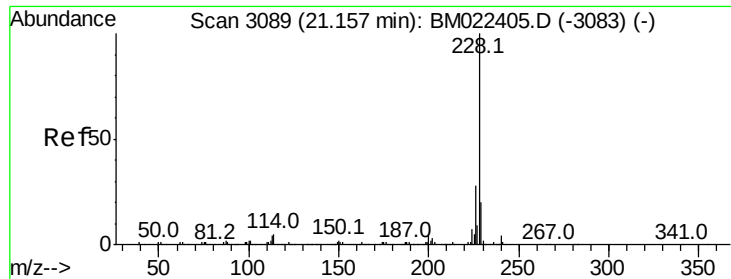
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#80  
 Butylbenzylphthalate  
 Concen: 41.107 ng  
 RT: 20.30 min Scan# 2944  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 79.3  | 64.0  | 96.0  |
| 206     | 23.8  | 17.6  | 26.4  |





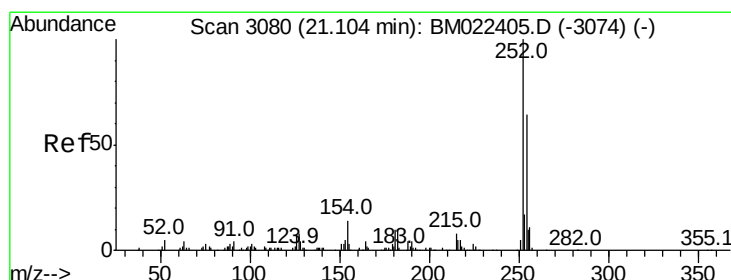
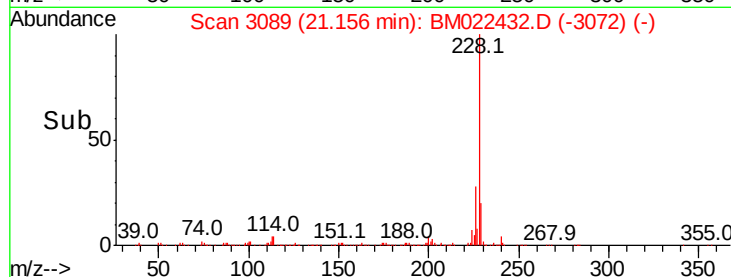
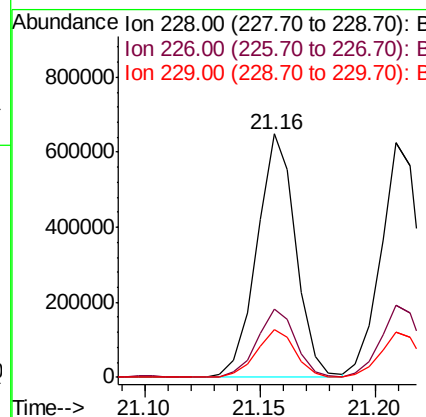
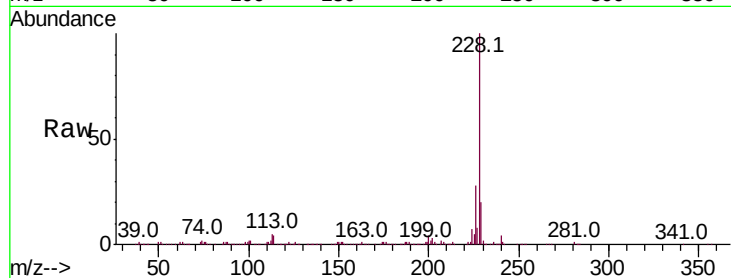
#81  
Benzo(a)anthracene  
Concen: 41.636 ng  
RT: 21.16 min Scan# 3089  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.2  | 22.6  | 34.0  |
| 229     | 19.7  | 15.9  | 23.9  |

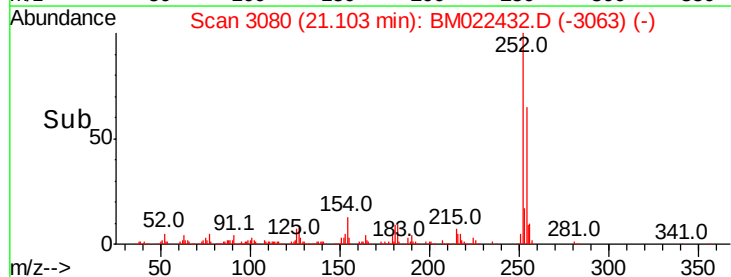
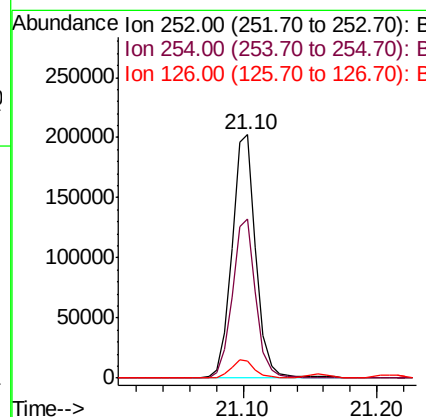
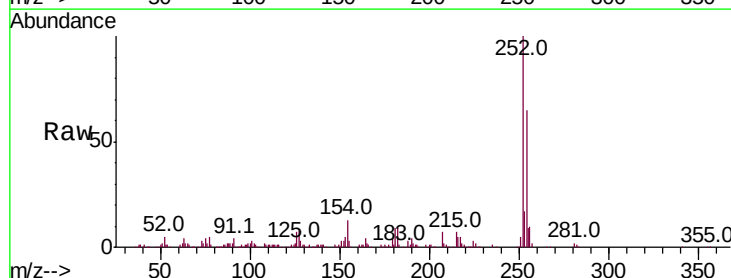
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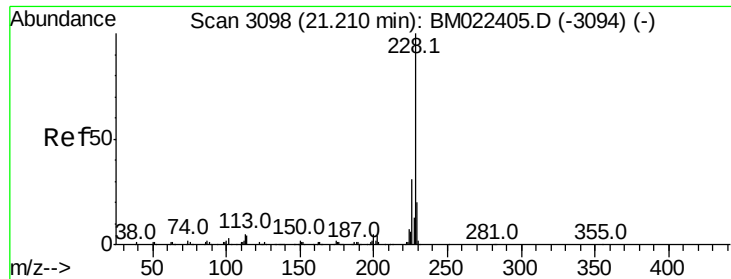
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#82  
3,3'-Dichlorobenzidine  
Concen: 45.078 ng  
RT: 21.10 min Scan# 3080  
Delta R.T. -0.00 min  
Lab File: BM022432.D  
Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.1  | 51.0  | 76.4  |
| 126     | 6.8   | 5.8   | 8.8   |





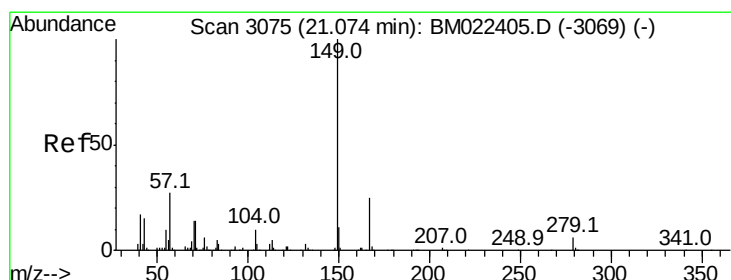
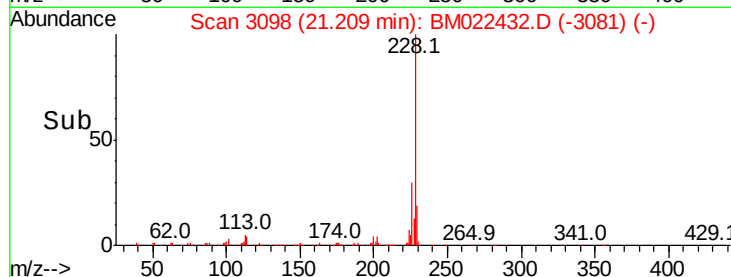
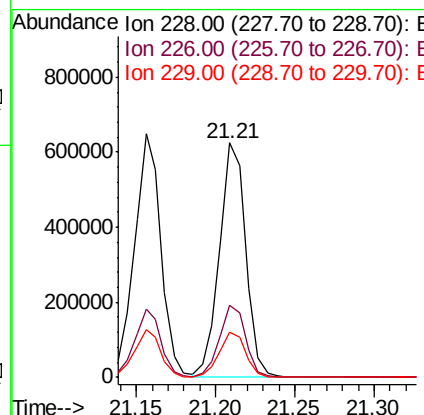
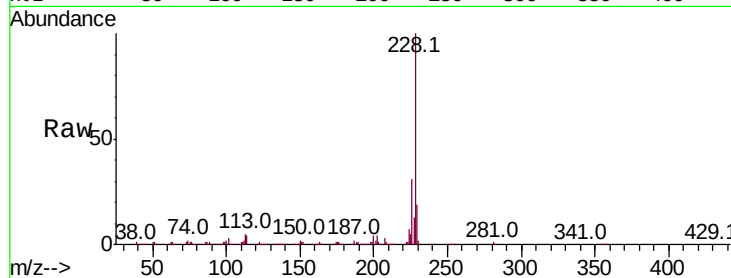
#83  
 Chrysene  
 Concen: 41.180 ng  
 RT: 21.21 min Scan# 3098  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 24.5  | 36.7  |
| 229     | 19.5  | 15.7  | 23.5  |

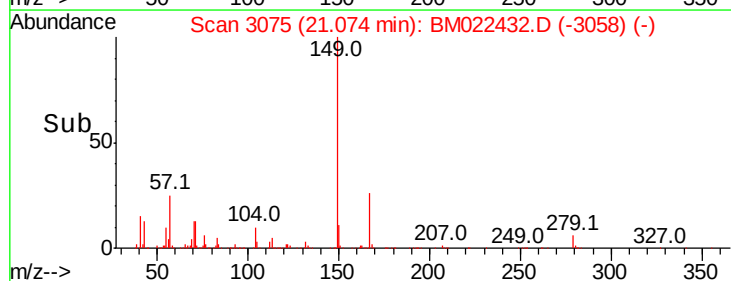
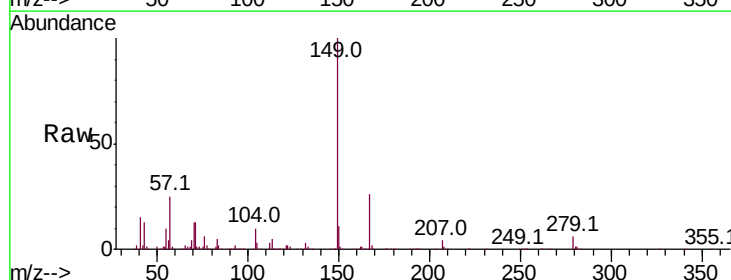
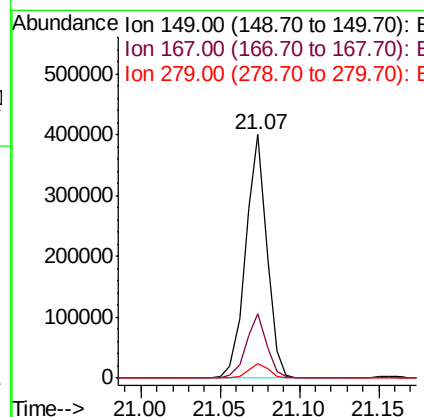
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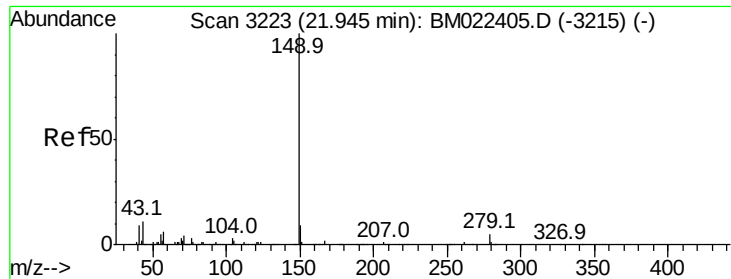
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.052 ng  
 RT: 21.07 min Scan# 3075  
 Delta R.T. -0.00 min  
 Lab File: BM022432.D  
 Acq: 30 Aug 2019 09:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.3  | 19.6  | 29.4  |
| 279     | 5.7   | 4.4   | 6.6   |





#85

Di-n-octyl phthalate

Concen: 48.368 ng

RT: 21.94 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

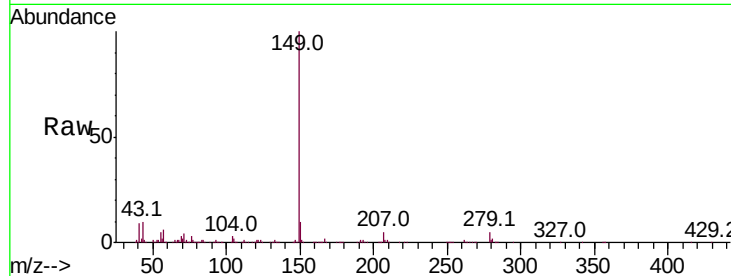
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 638275 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.2   | 1.8    |
| 43        | 10.7  | 9.0   | 13.6   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BM

21.94

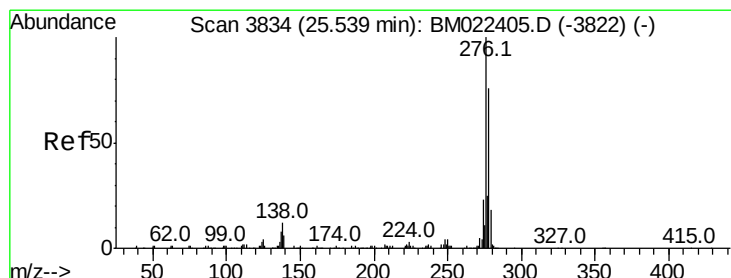
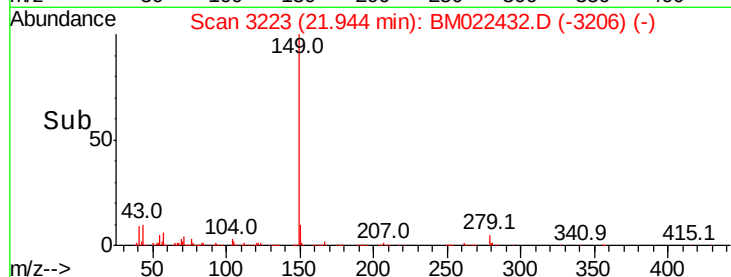
600000

400000

200000

0

Time--> 21.80 21.90 22.00



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.268 ng

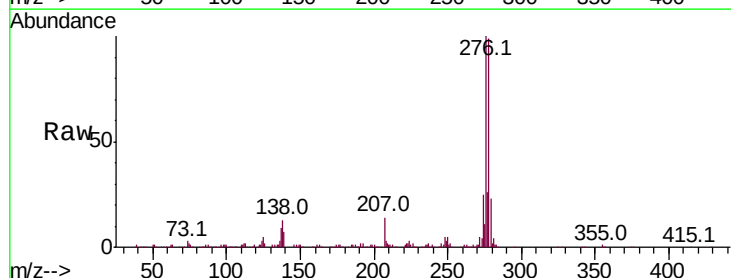
RT: 25.55 min Scan# 3836

Delta R.T. 0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 704073 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 12.0  | 9.1   | 13.7   |
| 277       | 25.2  | 20.0  | 30.0   |



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

25.55

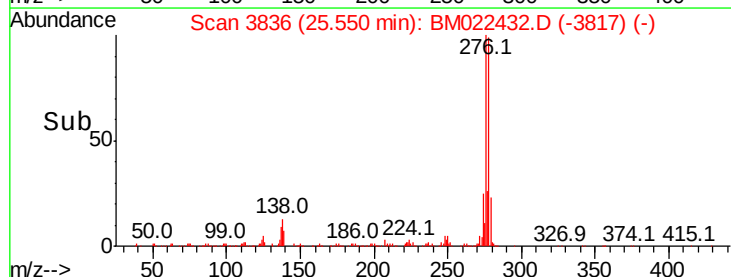
300000

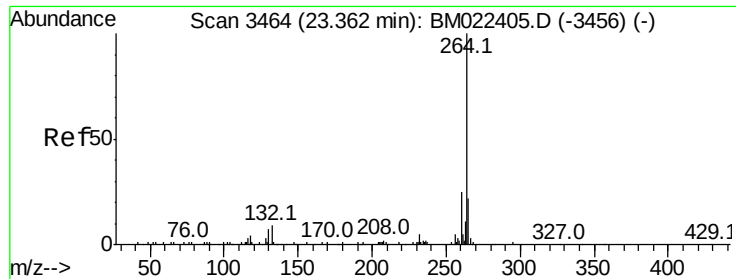
200000

100000

0

Time--> 25.40 25.50 25.60





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

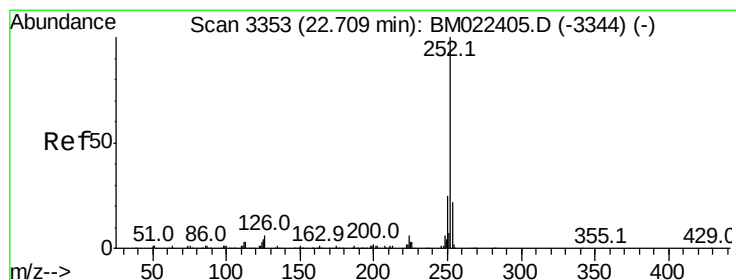
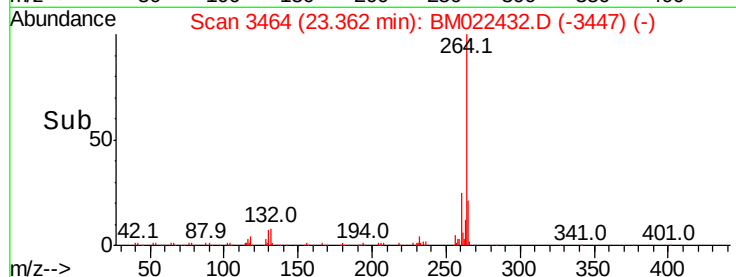
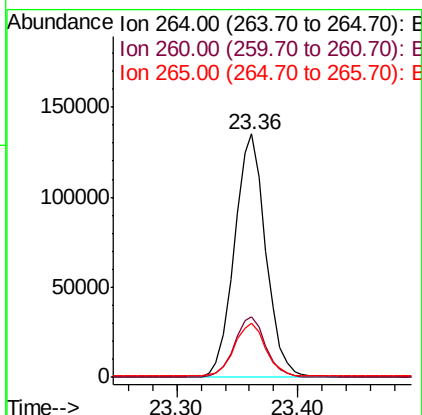
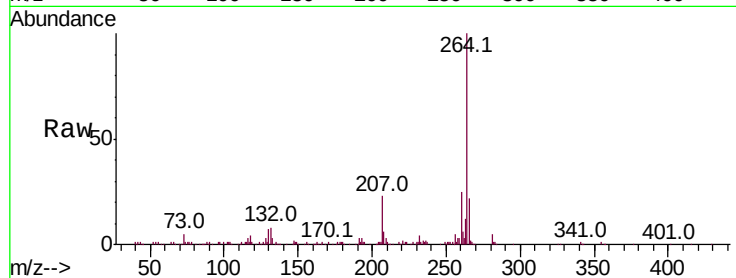
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 244193 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.8  | 20.2  | 30.2   |
| 265       | 22.1  | 18.2  | 27.2   |

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#88

Benzo(b)fluoranthene

Concen: 42.988 ng

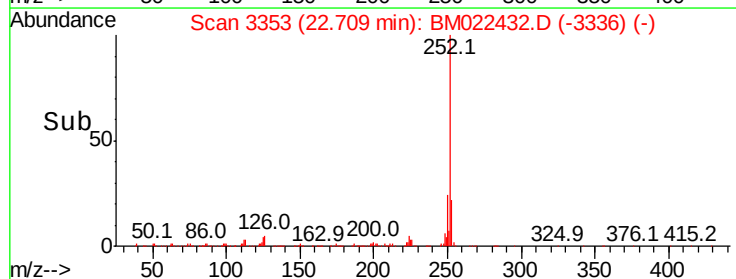
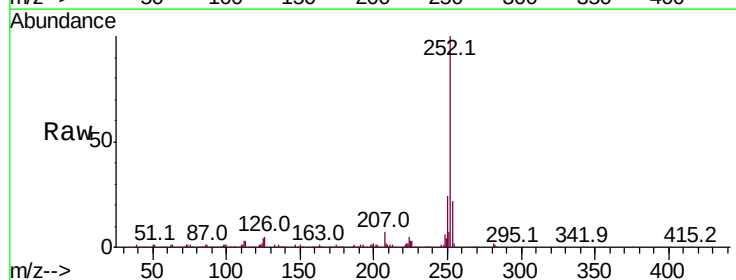
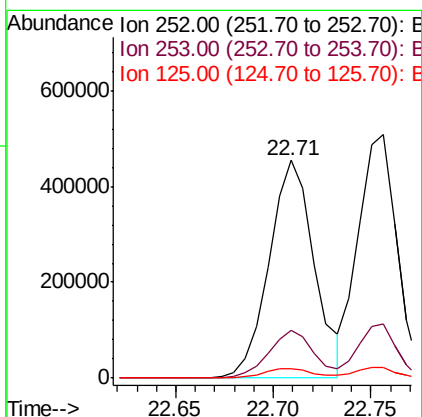
RT: 22.71 min Scan# 3353

Delta R.T. -0.00 min

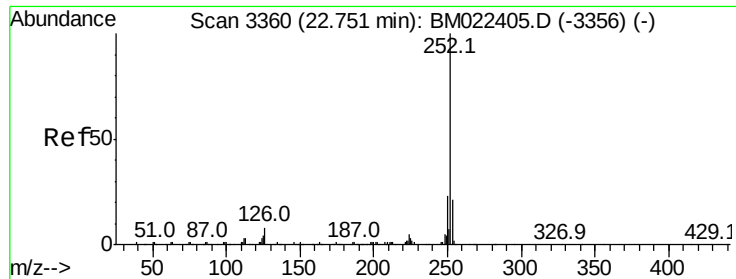
Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 729257 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.9  | 26.9   |
| 125       | 4.4   | 3.5   | 5.3    |







#89

Benzo(k)fluoranthene

Concen: 41.551 ng

RT: 22.76 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

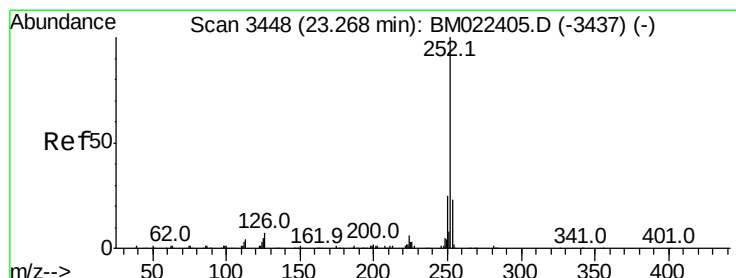
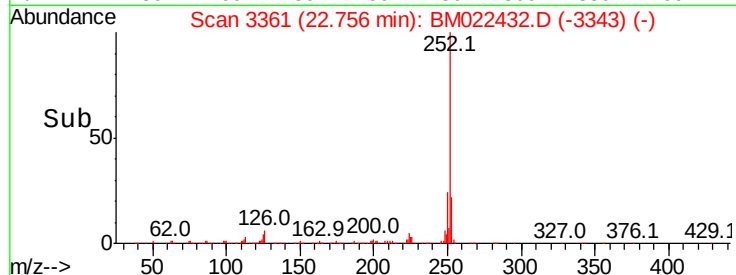
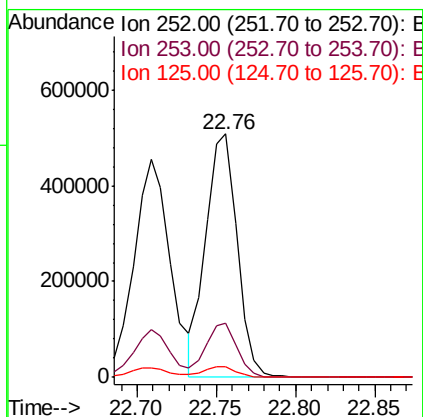
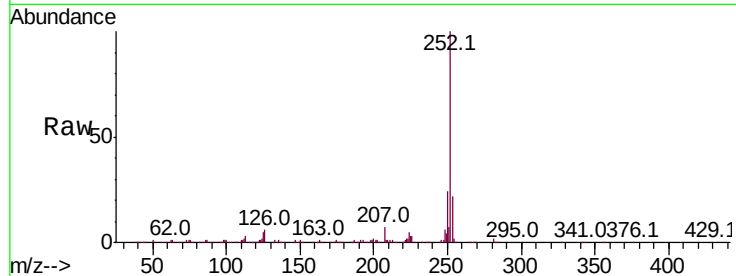
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 699260 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.0  | 25.4   |
| 125       | 4.5   | 3.7   | 5.5    |

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#90

Benzo(a)pyrene

Concen: 41.829 ng

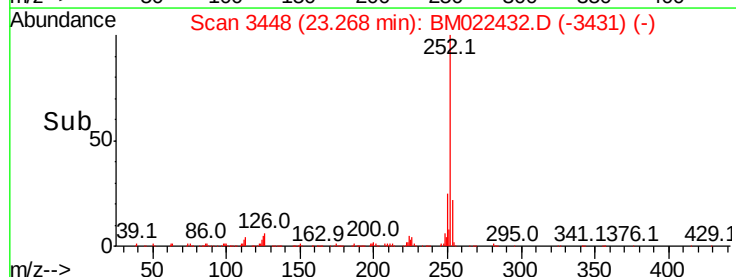
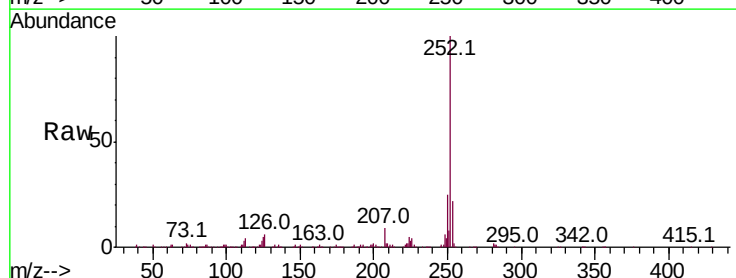
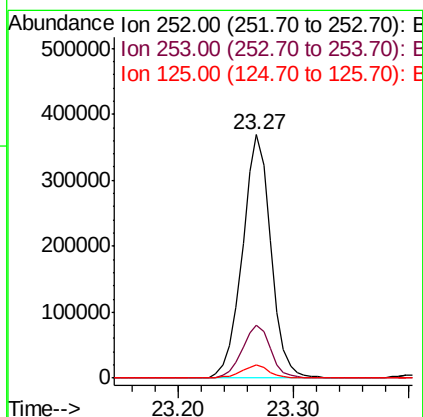
RT: 23.27 min Scan# 3448

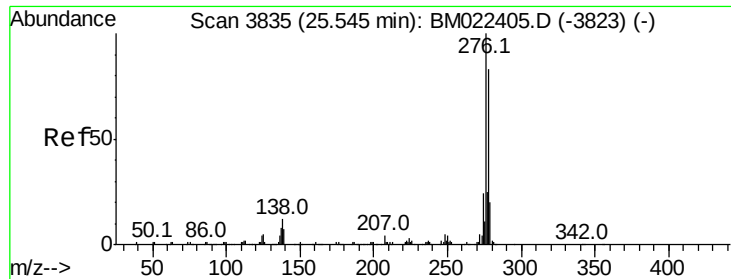
Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 629834 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 18.2  | 27.2   |
| 125       | 5.4   | 3.8   | 5.8    |





#91

Dibenzo(a,h)anthracene

Concen: 39.626 ng

RT: 25.55 min Scan# 3836

Delta R.T. 0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA\_M

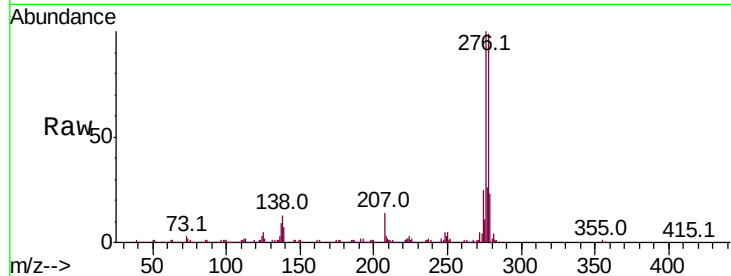
ClientSampleId :

SSTDCCC040

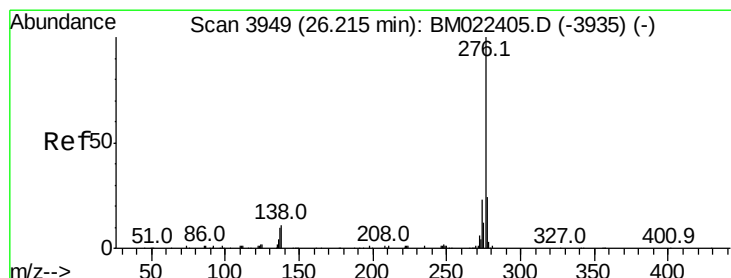
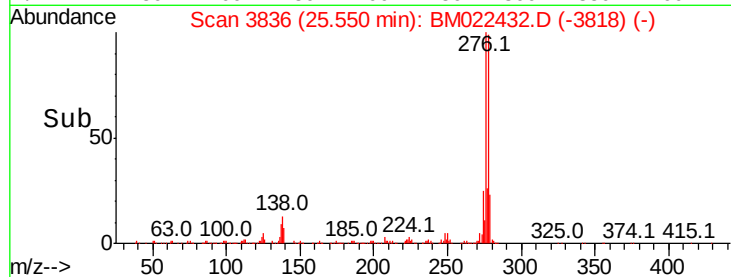
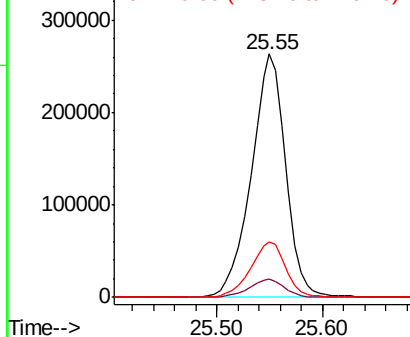
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 278   | Resp: | 594969 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 7.4   | 6.6   | 9.8    |
| 279      | 23.0  | 19.3  | 28.9   |

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



#92

Benzo(g,h,i)perylene

Concen: 36.833 ng

RT: 26.21 min Scan# 3949

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 481989 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 24.0  | 19.4  | 29.0   |
| 138      | 10.7  | 8.8   | 13.2   |

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

