

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\  
 Data File : BM020609.D  
 Acq On : 29 May 2019 21:02  
 Operator : JU/SJ  
 Sample : K2643-10MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

Manual Integrations  
 APPROVED

mohammad  
 5/30/2019 8:16:42 AM

Quant Time: May 30 02:33:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 02:15:06 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 56505    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.42 | 136  | 185986   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.29 | 164  | 120265   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.04 | 188  | 291188   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.24 | 240  | 348271   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.46 | 264  | 403081   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.21  | 112 | 393853  | 136.74 | ng | 0.00 |
| 7) Phenol-d6                | 6.80  | 99  | 464558  | 106.86 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.80  | 82  | 402097  | 90.74  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.79 | 330 | 340969  | 141.51 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.90 | 172 | 890290  | 92.89  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.67 | 244 | 1759077 | 91.31  | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.14  | 88  | 61603   | 40.872 | ng | # 65 |
| 3) Pyridine                    | 3.56  | 79  | 121747  | 27.800 | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.47  | 42  | 46325   | 43.341 | ng | 89   |
| 6) Aniline                     | 6.97  | 93  | 52905   | 8.413  | ng | 96   |
| 8) 2-Chlorophenol              | 7.19  | 128 | 146320  | 41.545 | ng | 99   |
| 9) Benzaldehyde                | 6.79  | 77  | 65644m  | 23.652 | ng |      |
| 10) Phenol                     | 6.83  | 94  | 154877  | 32.992 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 7.06  | 93  | 133714  | 38.169 | ng | 97   |
| 12) 1,3-Dichlorobenzene        | 7.51  | 146 | 172227  | 38.184 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 7.66  | 146 | 168980  | 37.481 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 7.97  | 146 | 169456  | 37.492 | ng | 97   |
| 15) Benzyl Alcohol             | 7.88  | 79  | 134631m | 33.467 | ng |      |
| 16) 2,2'-oxybis(1-Chloropropan | 8.16  | 45  | 84695   | 34.688 | ng | 94   |
| 17) 2-Methylphenol             | 8.07  | 107 | 108913  | 35.142 | ng | 98   |
| 18) Hexachloroethane           | 8.68  | 117 | 71004   | 38.879 | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 8.43  | 70  | 132215  | 34.251 | ng | 100  |
| 20) 3+4-Methylphenols          | 8.41  | 107 | 137940  | 33.189 | ng | 98   |
| 22) Acetophenone               | 8.46  | 105 | 222891  | 43.521 | ng | # 99 |
| 24) Nitrobenzene               | 8.84  | 77  | 198514  | 45.363 | ng | 96   |
| 25) Isophorone                 | 9.36  | 82  | 355870  | 43.162 | ng | 100  |
| 26) 2-Nitrophenol              | 9.55  | 139 | 64414   | 39.892 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 9.60  | 122 | 110124  | 45.783 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 9.84  | 93  | 167341  | 38.989 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.07 | 162 | 136387  | 42.632 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.27 | 180 | 192120  | 43.921 | ng | 98   |
| 31) Naphthalene                | 10.46 | 128 | 414264  | 43.138 | ng | 99   |
| 32) Benzoic acid               | 9.75  | 122 | 26814m  | 23.266 | ng |      |
| 33) 4-Chloroaniline            | 10.62 | 127 | 21132m  | 5.513  | ng |      |
| 34) Hexachlorobutadiene        | 10.72 | 225 | 153127  | 47.084 | ng | 98   |
| 35) Caprolactam                | 11.41 | 113 | 23860m  | 22.661 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 11.72 | 107 | 135159  | 38.823 | ng | 94   |
| 37) 2-Methylnaphthalene        | 12.09 | 142 | 304472  | 41.502 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.30 | 142 | 298956  | 42.058 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.45 | 216 | 254317  | 50.304 | ng | 99   |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

Manual Integrations  
 APPROVED

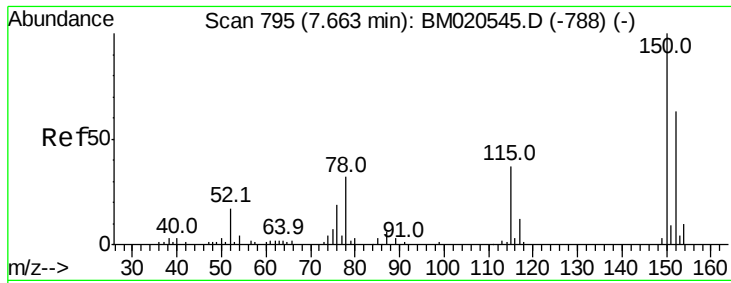
mohammad  
 5/30/2019 8:16:42 AM

Quant Time: May 30 02:33:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 02:15:06 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.42 | 237  | 147518   | 61.650  | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.71 | 196  | 142108   | 45.422  | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 12.79 | 196  | 138611   | 47.443  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.11 | 154  | 429067   | 46.323  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.16 | 162  | 348089   | 44.332  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.39 | 65   | 82989    | 35.344  | nq    | 91       |
| 49) Acenaphthylene             | 14.01 | 152  | 529283   | 44.326  | nq    | 100      |
| 50) Dimethylphthalate          | 13.76 | 163  | 463179   | 43.481  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 95713    | 43.110  | nq    | 92       |
| 52) Acenaphthene               | 14.35 | 154  | 316419   | 43.973  | nq    | 100      |
| 53) 3-Nitroaniline             | 14.23 | 138  | 24390    | 16.469  | nq    | # 99     |
| 54) 2,4-Dinitrophenol          | 14.44 | 184  | 67021    | 50.946  | nq    | 98       |
| 55) Dibenzofuran               | 14.69 | 168  | 560468   | 45.011  | nq    | 98       |
| 56) 4-Nitrophenol              | 14.55 | 139  | 80753    | 57.744  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.68 | 165  | 130703   | 40.766  | nq    | # 85     |
| 58) Fluorene                   | 15.34 | 166  | 447938   | 43.306  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 155067   | 45.613  | nq    | 98       |
| 60) Diethylphthalate           | 15.12 | 149  | 447243   | 42.613  | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.34 | 204  | 297314   | 45.024  | nq    | 97       |
| 62) 4-Nitroaniline             | 15.40 | 138  | 52914m   | 28.353  | nq    |          |
| 63) Azobenzene                 | 15.63 | 77   | 458709   | 44.915  | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 57053    | 33.182  | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.56 | 169  | 384090   | 48.647  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.23 | 248  | 185223   | 47.749  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.33 | 284  | 223944   | 47.615  | nq    | 99       |
| 69) Atrazine                   | 16.52 | 200  | 149690   | 46.080  | nq    | 99       |
| 70) Pentachlorophenol          | 16.69 | 266  | 248872   | 102.443 | nq    | 99       |
| 71) Phenanthrene               | 17.09 | 178  | 717744   | 45.373  | nq    | 99       |
| 72) Anthracene                 | 17.17 | 178  | 687086   | 44.788  | nq    | 99       |
| 73) Carbazole                  | 17.46 | 167  | 550051   | 41.780  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.00 | 149  | 702105   | 43.353  | nq    | 99       |
| 75) Fluoranthene               | 19.10 | 202  | 958974   | 43.594  | nq    | 99       |
| 77) Benzidine                  | 19.33 | 184  | 39950m   | 6.242   | nq    |          |
| 78) Pyrene                     | 19.47 | 202  | 977343   | 44.700  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.37 | 149  | 304375   | 39.620  | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.22 | 228  | 1040082  | 43.150  | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 239726   | 27.248  | nq    | 98       |
| 83) Chrysene                   | 21.27 | 228  | 1060190  | 45.519  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 455274   | 40.661  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.02 | 149  | 829553   | 42.617  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.71 | 276  | 1494460  | 53.067  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 22.79 | 252  | 1181936  | 44.801  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 22.84 | 252  | 1232335  | 48.129  | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.37 | 252  | 1177338  | 48.495  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.73 | 278  | 1280990  | 51.546  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.41 | 276  | 1239639  | 53.812  | nq    | 99       |

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





#1

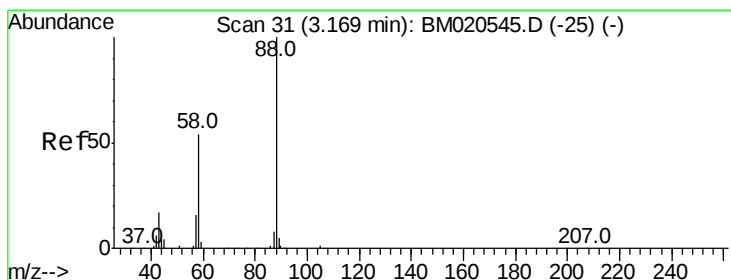
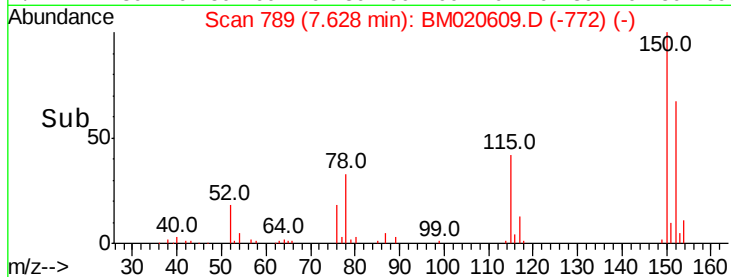
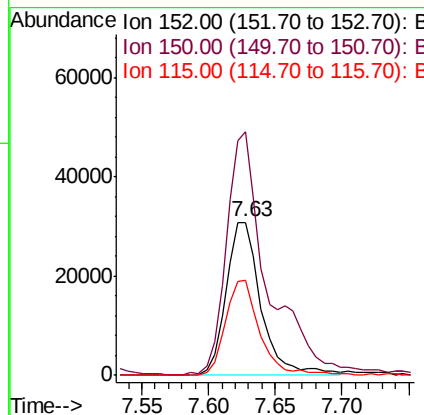
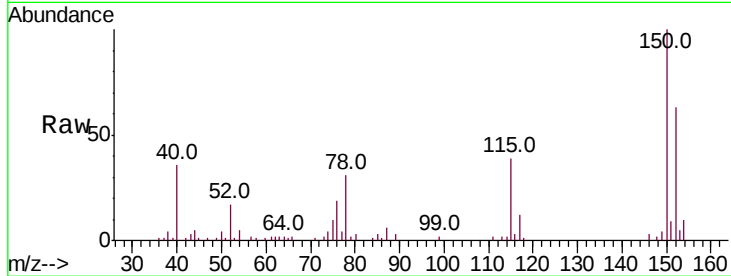
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.63 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 126.6 | 190.0 |
| 115     | 62.0  | 46.6  | 70.0  |

Manual Integrations  
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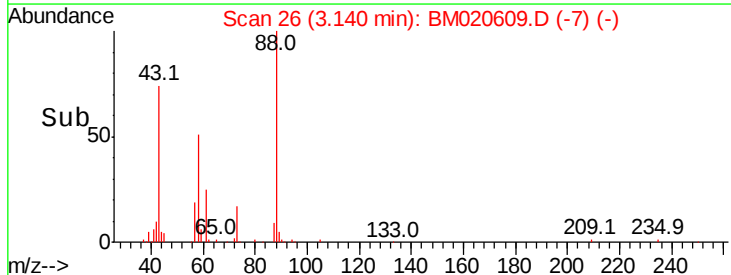
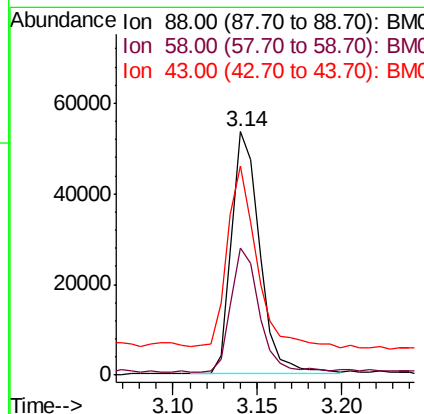
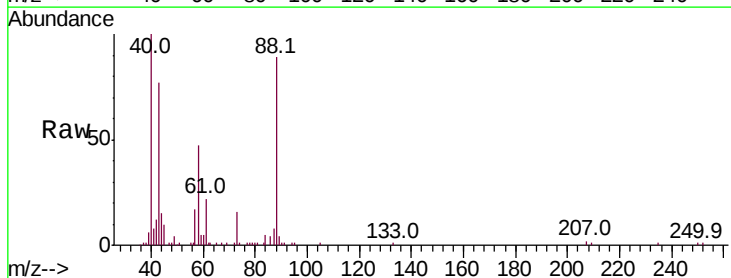
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5/30/2019 8:16:42 AM

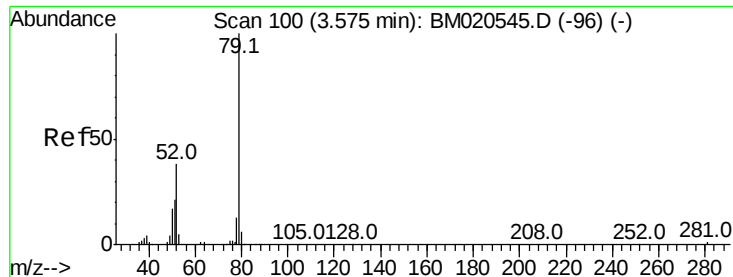


#2

1,4-Dioxane  
Concen: 40.872 ng  
RT: 3.14 min Scan# 26  
Delta R.T. 0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 51.9  | 42.3  | 63.5  |
| 43      | 77.8  | 16.0  | 24.0  |





#3

Pvridine

Concen: 27.800 ng

RT: 3.56 min Scan# 97

Delta R.T. 0.02 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

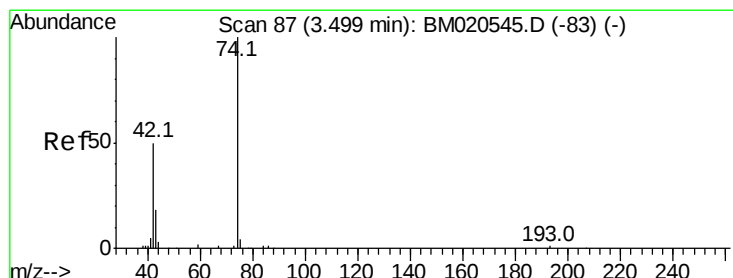
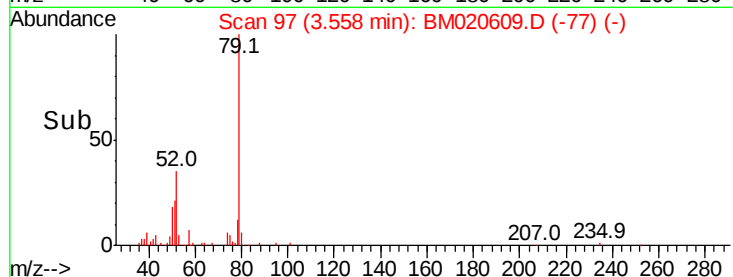
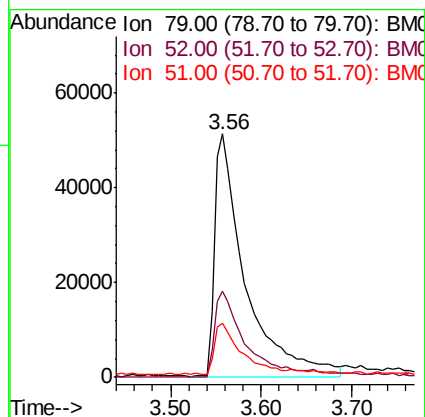
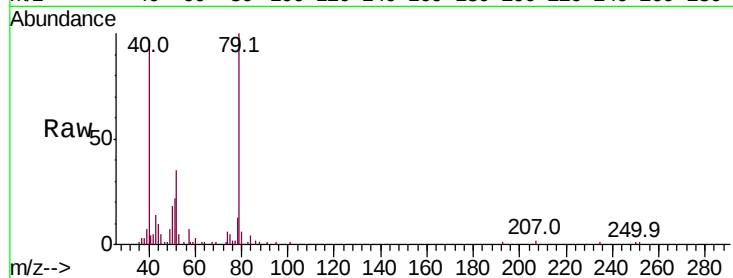
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 121747 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 35.1  | 30.1  | 45.1   |
| 51        | 22.2  | 17.8  | 26.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 43.341 ng

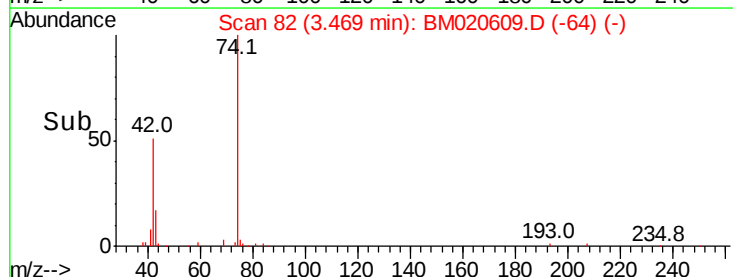
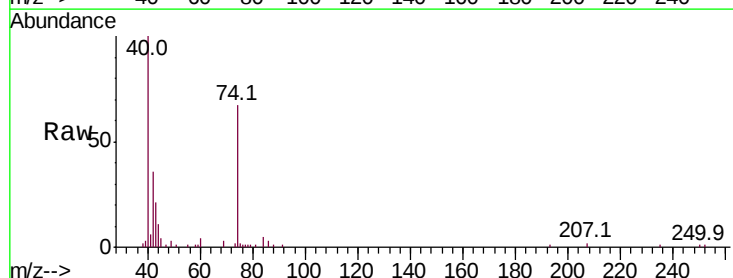
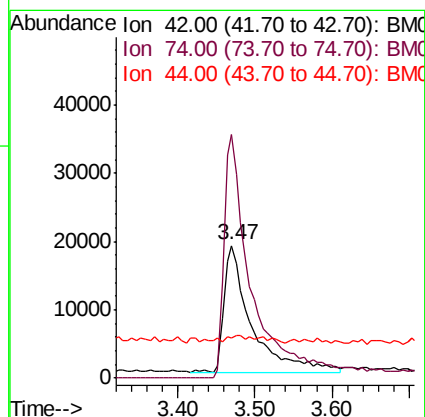
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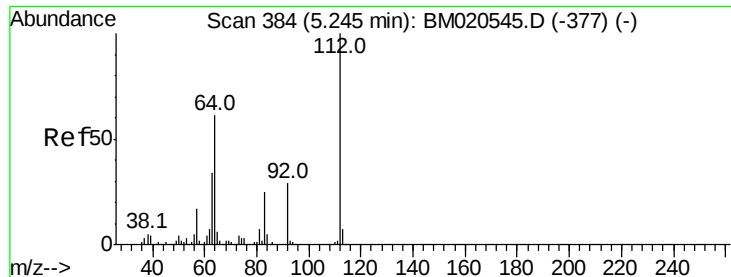
Delta R.T. 0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 46325 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 183.9 | 161.1 | 241.7 |
| 44        | 30.6  | 20.9  | 31.3  |





#5

2-Fluorophenol

Concen: 136.743 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

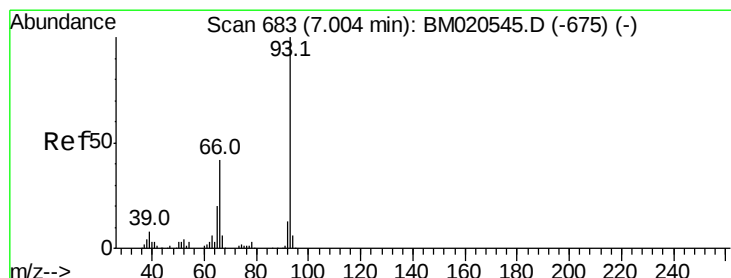
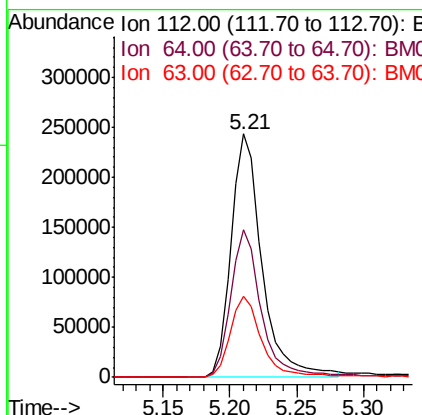
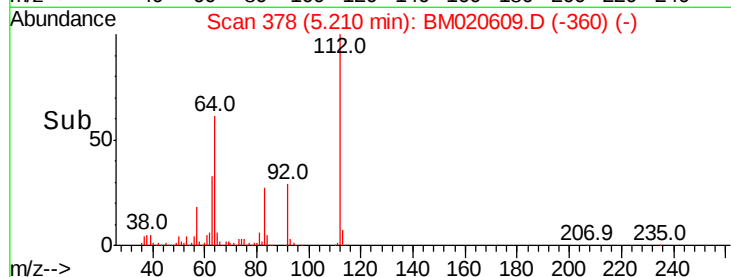
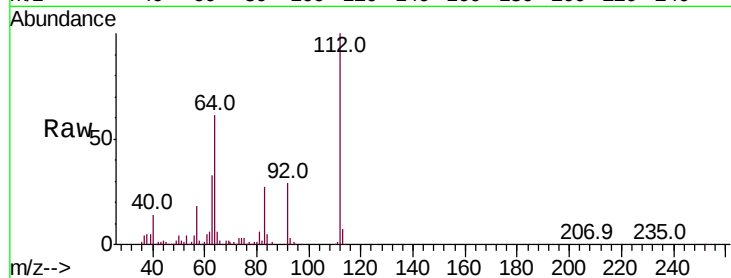
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 393853 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 60.6  | 48.6  | 73.0   |
| 63        | 33.2  | 27.4  | 41.0   |

Manual Integrations  
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#6

Aniline

Concen: 8.413 ng

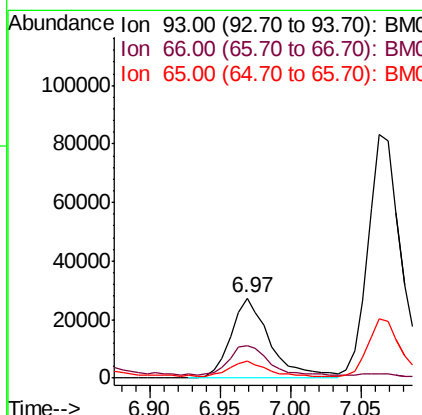
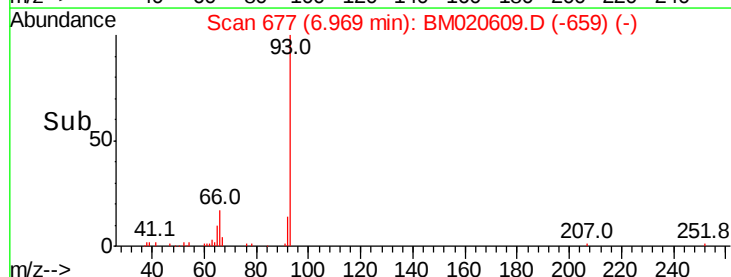
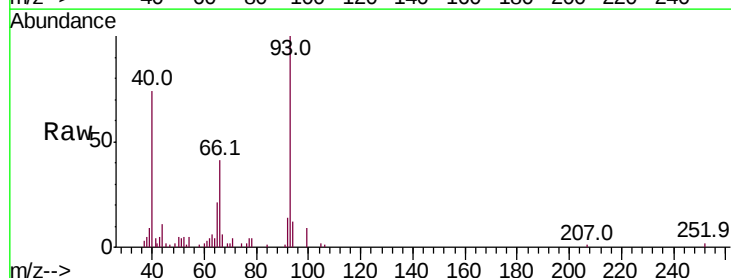
RT: 6.97 min Scan# 677

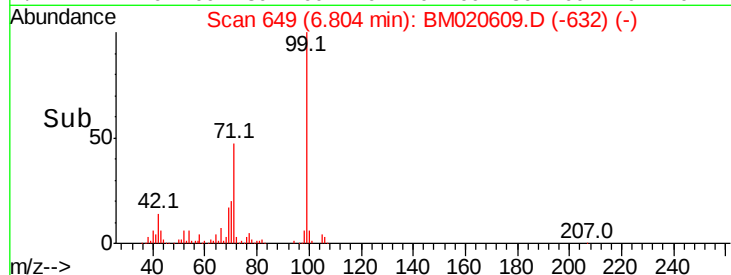
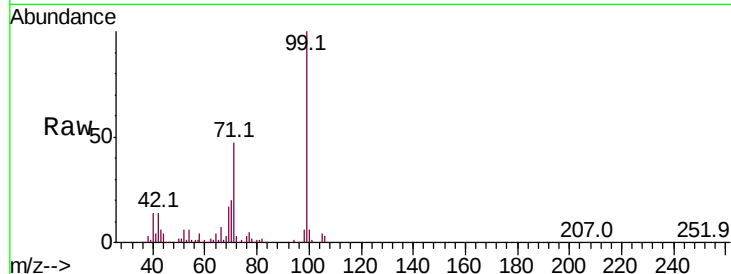
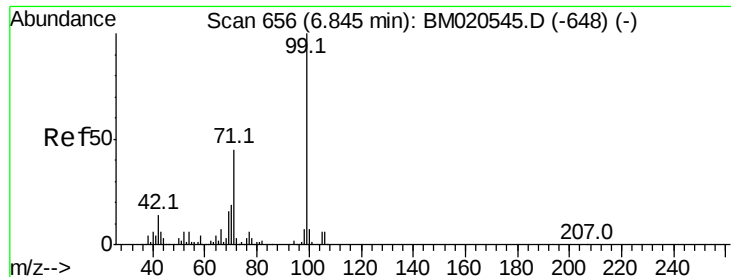
Delta R.T. 0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 52905 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 40.5  | 34.5  | 51.7  |
| 65        | 21.4  | 16.2  | 24.2  |





#7

Phenol-d6

Concen: 106.862 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 464558 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.9  | 10.8  | 16.2   |
| 71        | 47.0  | 36.3  | 54.5   |

Instrument :

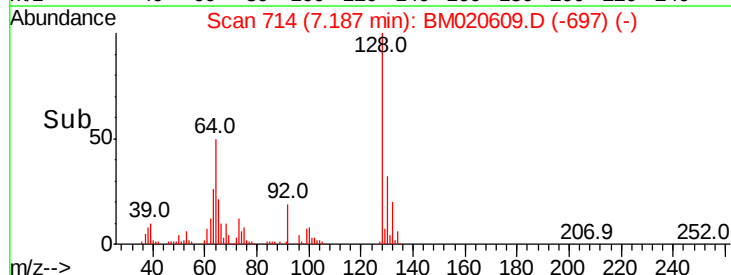
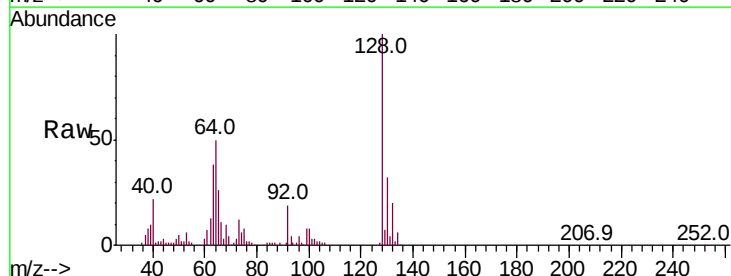
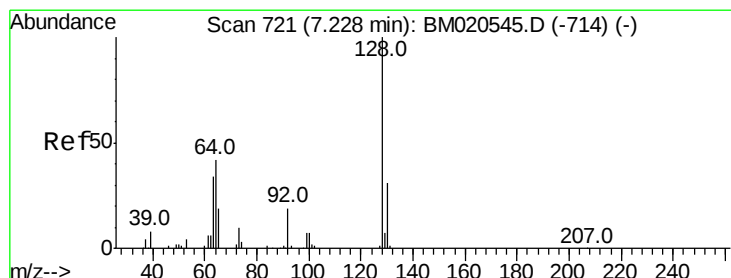
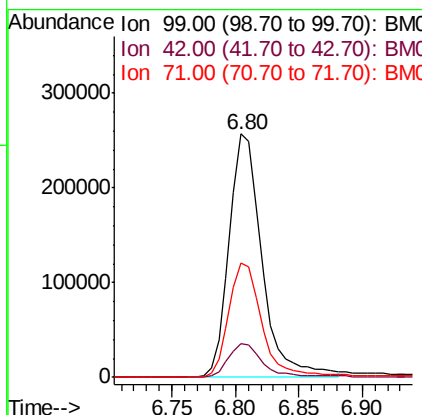
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ClientSampleId :

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Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.545 ng

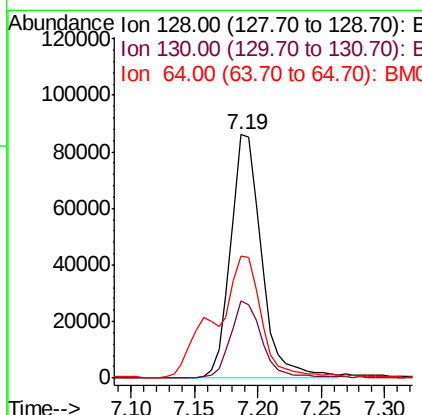
RT: 7.19 min Scan# 714

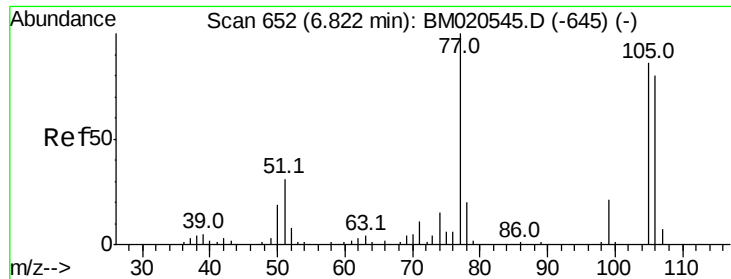
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 146320 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.6  | 11.2  | 51.2   |
| 64        | 50.2  | 31.1  | 71.1   |





#9

Benzaldehyde

Concen: 23.652 ng/mL

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

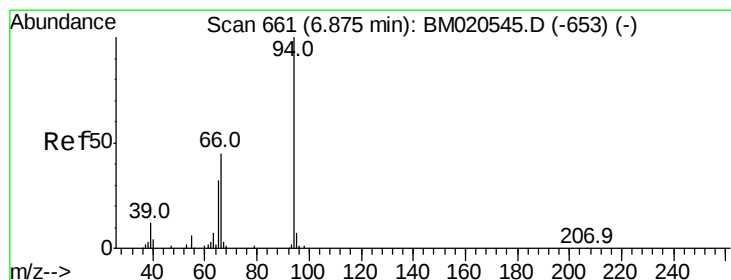
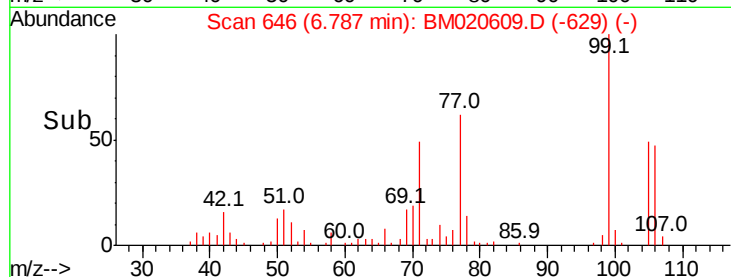
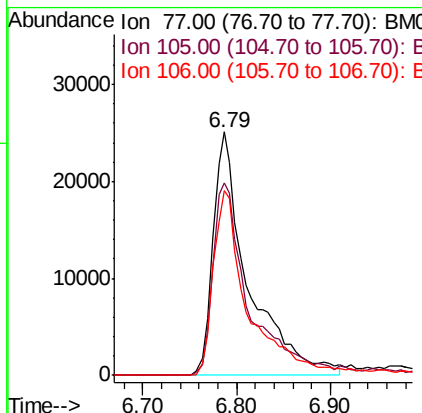
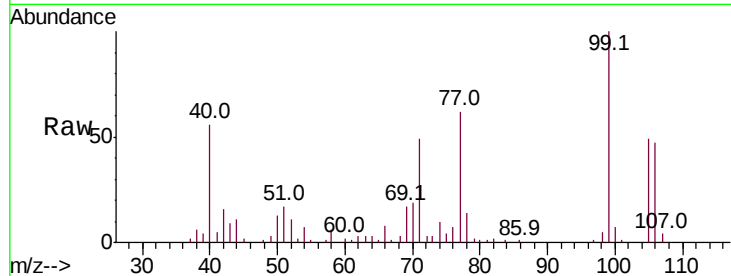
ClientSampleId :

OR-03-052319-AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 65644 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 79.1  | 66.1  | 106.1 |
| 106      | 75.9  | 60.0  | 100.0 |

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#10

Phenol

Concen: 32.992 ng/mL

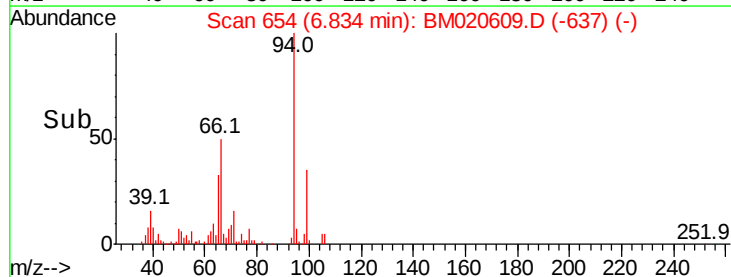
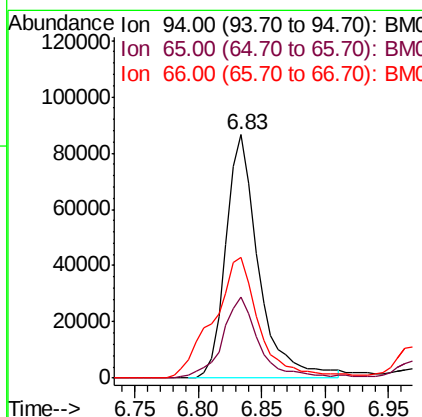
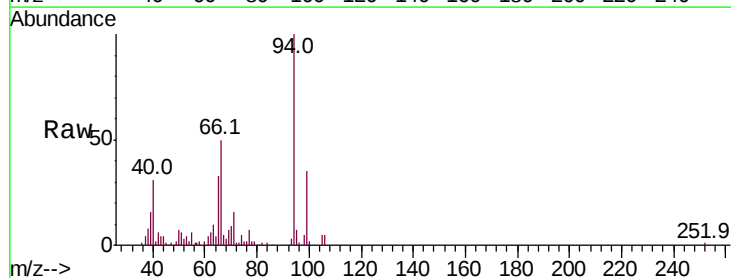
RT: 6.83 min Scan# 654

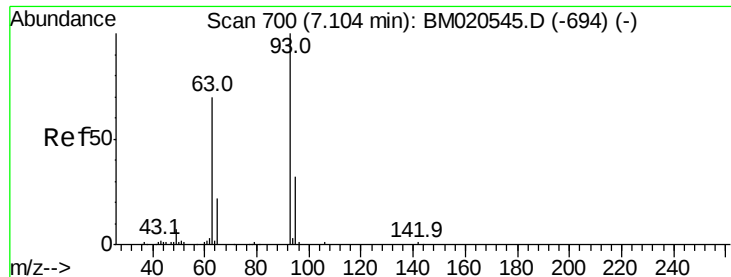
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 154877 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.4  | 12.4  | 52.4   |
| 66       | 49.6  | 27.4  | 67.4   |





#11

bis(2-Chloroethyl)ether

Concen: 38.169 ng

RT: 7.06 min Scan# 693

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

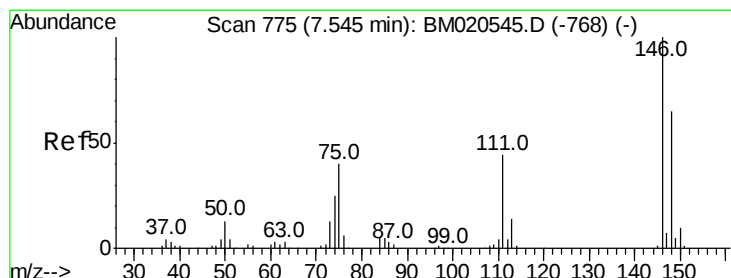
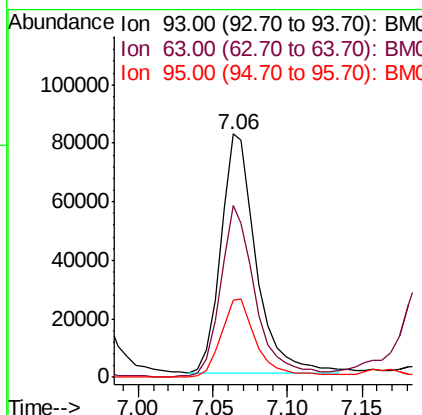
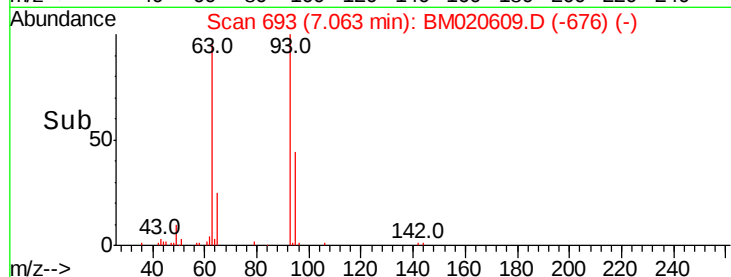
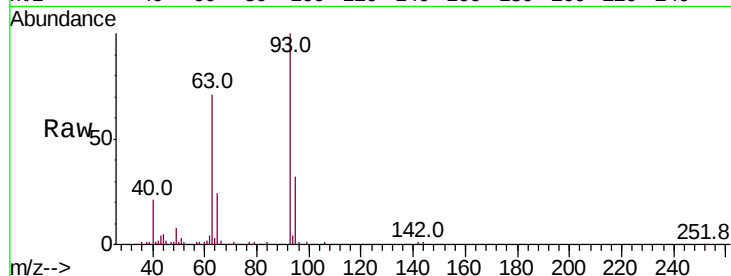
ClientSampleId :

OR-03-052319-AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 133714 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 70.8  | 47.6  | 87.6   |
| 95       | 31.8  | 10.9  | 50.9   |

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#12

1,3-Dichlorobenzene

Concen: 38.184 ng

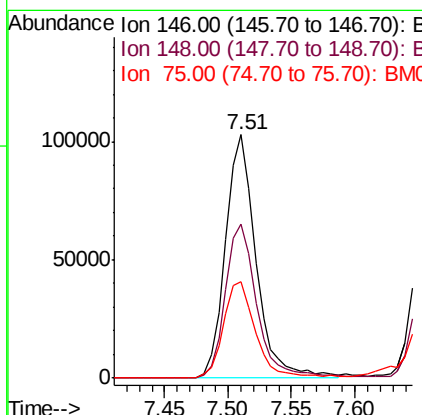
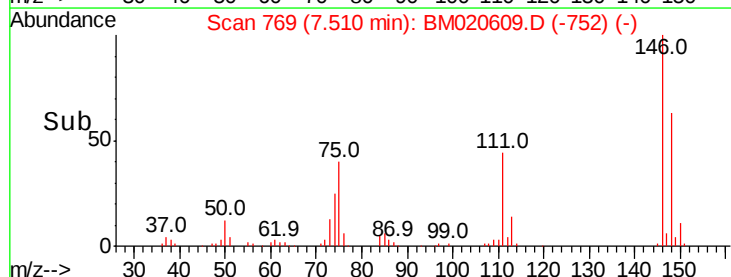
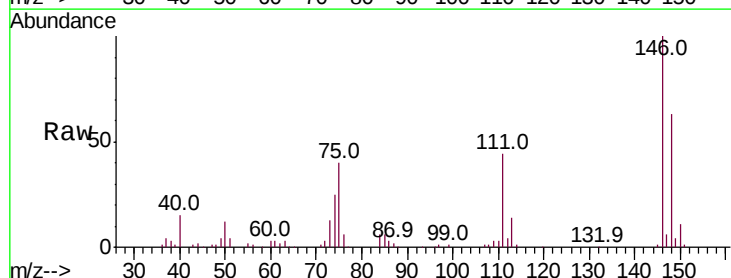
RT: 7.51 min Scan# 769

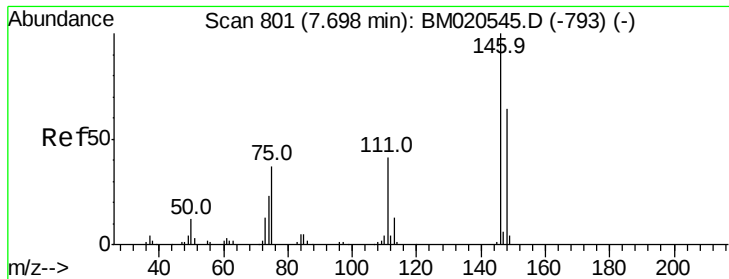
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 172227 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.4  | 51.9  | 77.9   |
| 75       | 39.8  | 31.6  | 47.4   |





#13

1,4-Dichlorobenzene

Concen: 37.481 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

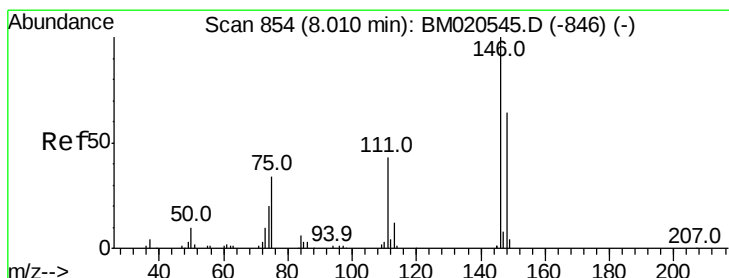
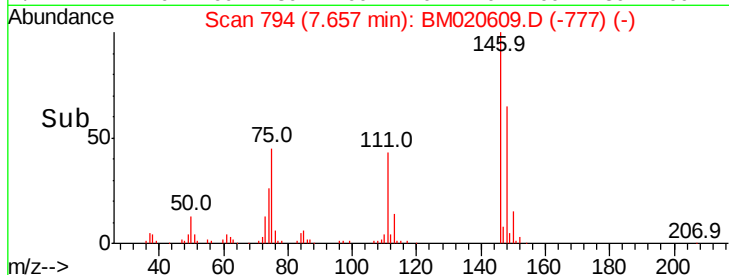
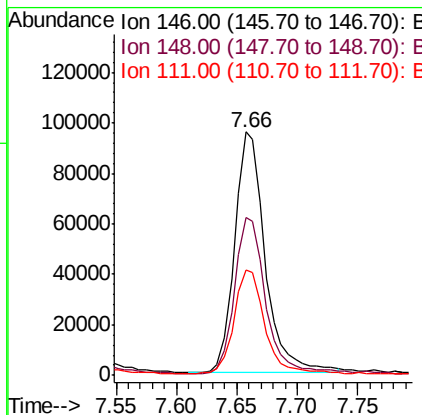
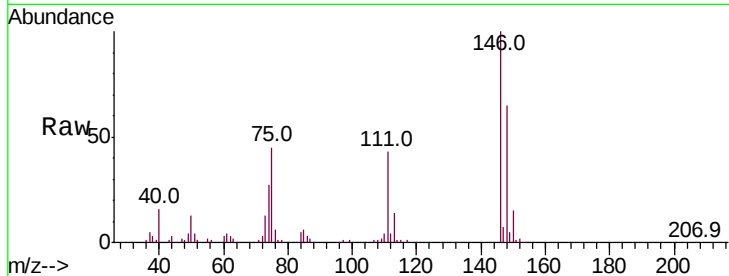
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 168980 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.0  | 51.1  | 76.7   |
| 111       | 43.0  | 33.5  | 50.3   |

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#14

1,2-Dichlorobenzene

Concen: 37.492 ng

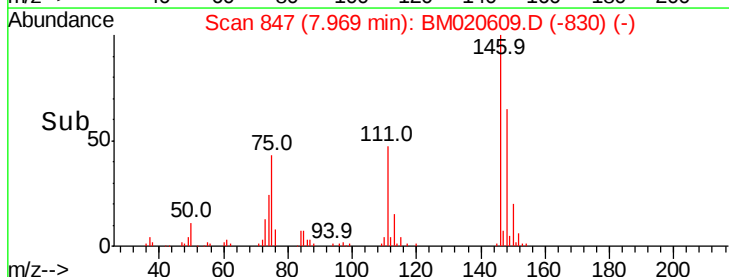
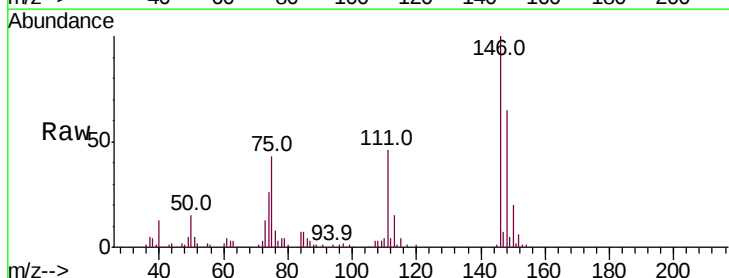
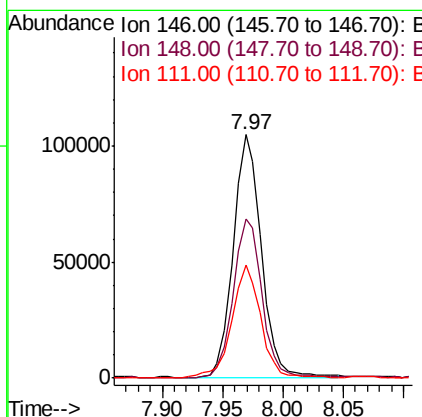
RT: 7.97 min Scan# 847

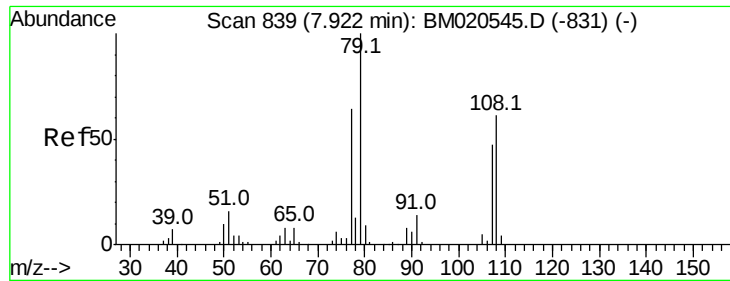
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 169456 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.5  | 51.2  | 76.8   |
| 111       | 46.4  | 35.2  | 52.8   |





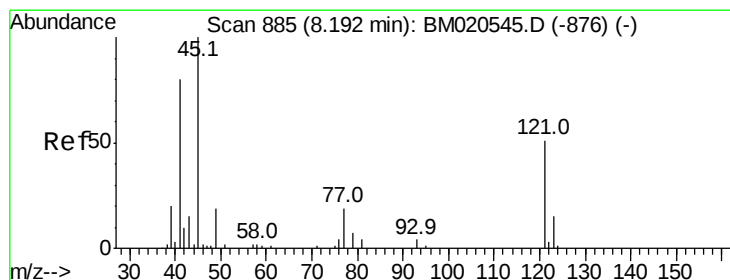
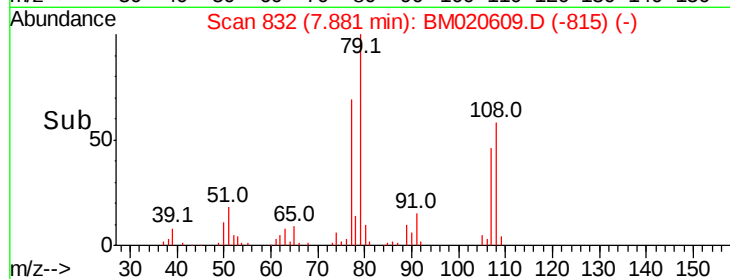
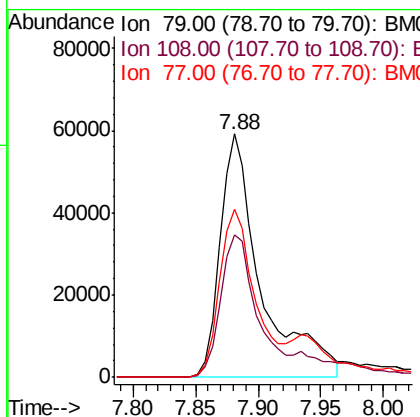
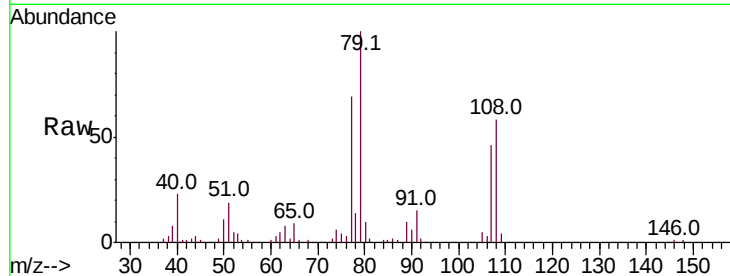
#15  
Benzyl Alcohol  
Concen: 33.467 ng/ml  
RT: 7.88 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 58.4  | 48.5  | 72.7  |
| 77      | 69.2  | 50.9  | 76.3  |

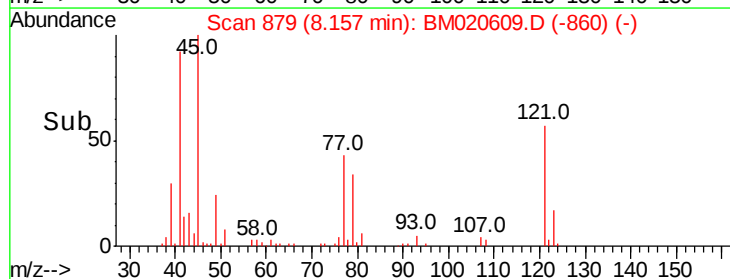
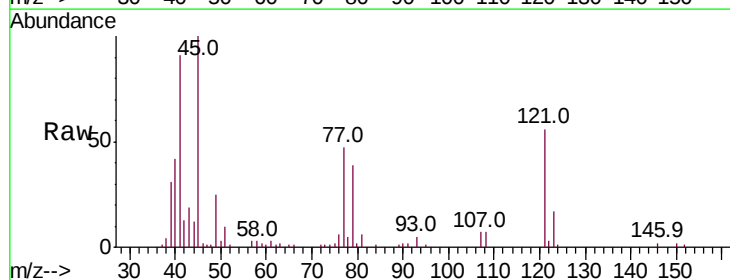
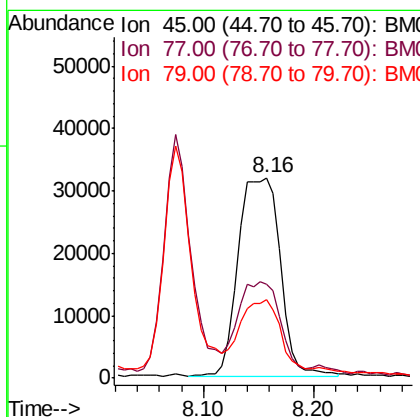
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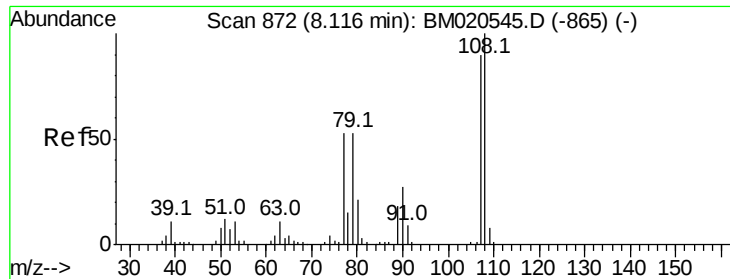
mohammad  
5/30/2019 8:16:42 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.688 ng/ml  
RT: 8.16 min Scan# 879  
Delta R.T. 0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 46.5  | 25.0  | 65.0  |
| 79      | 38.9  | 13.1  | 53.1  |





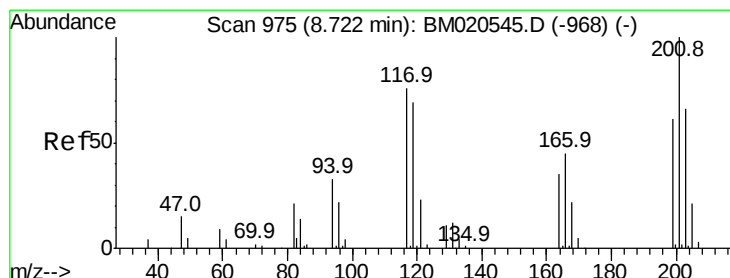
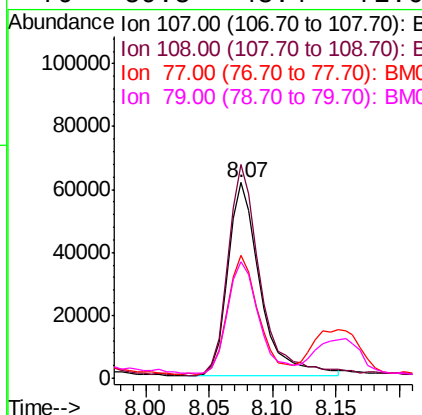
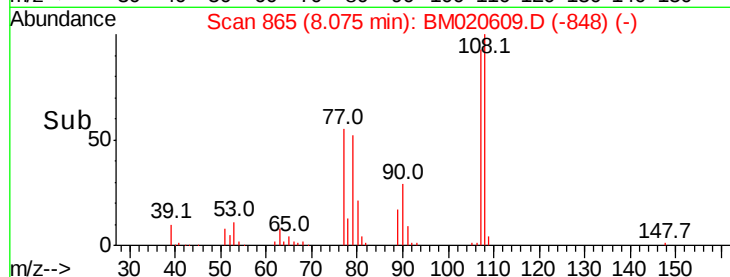
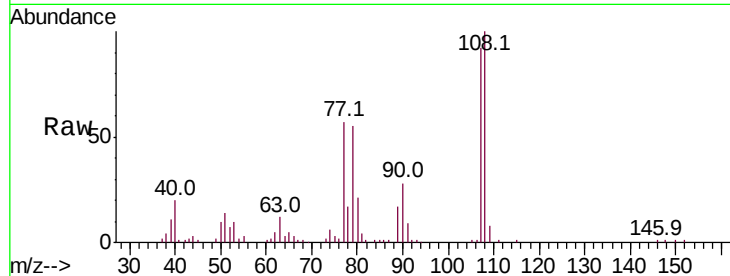
#17  
2-Methylphenol  
Concen: 35.142 ng  
RT: 8.07 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.1 | 89.4 | 134.2 |       |
| 77      | 62.7  | 48.2 | 72.4  |       |
| 79      | 59.8  | 48.4 | 72.6  |       |

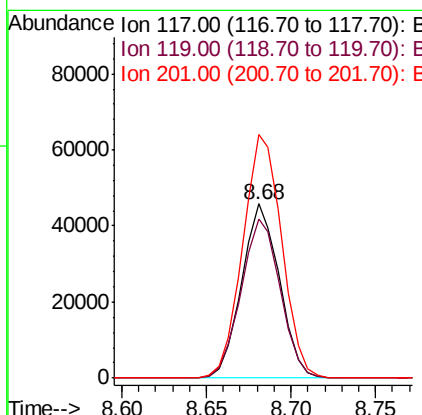
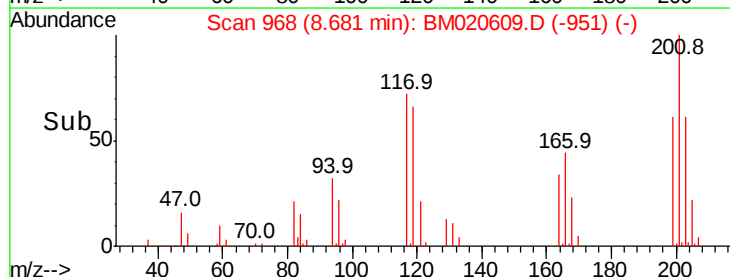
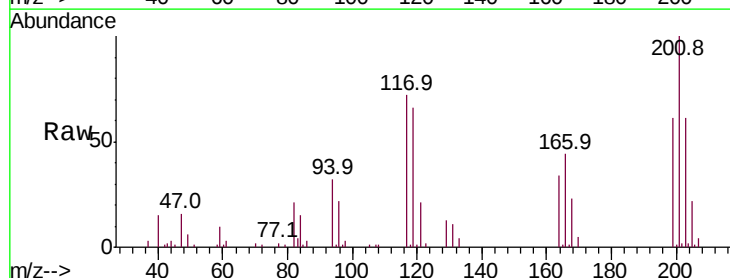
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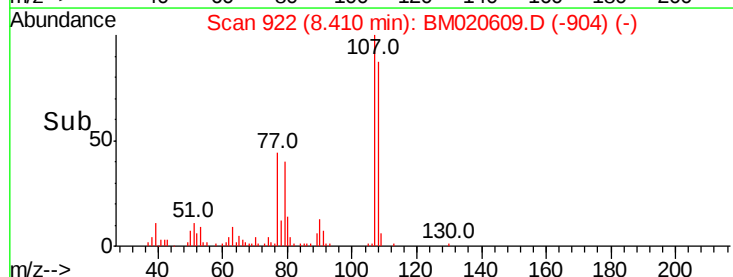
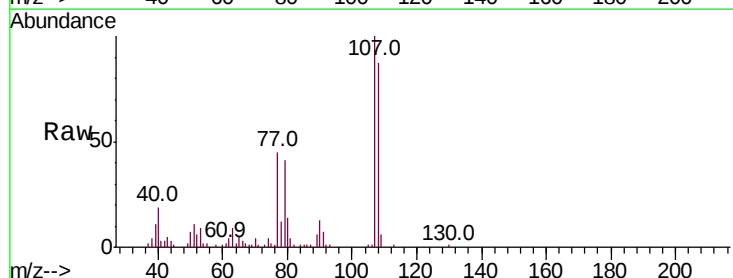
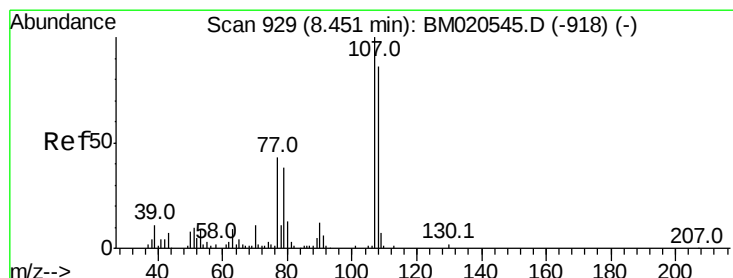
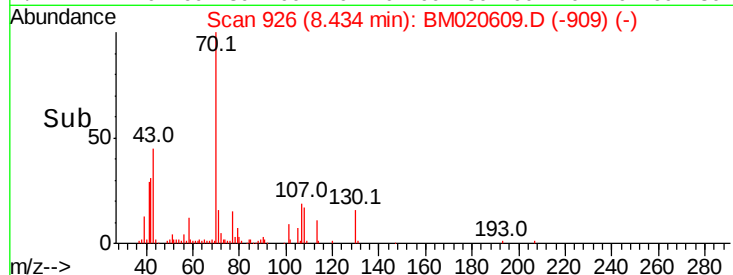
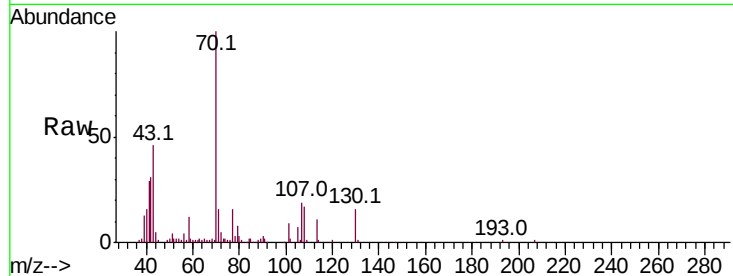
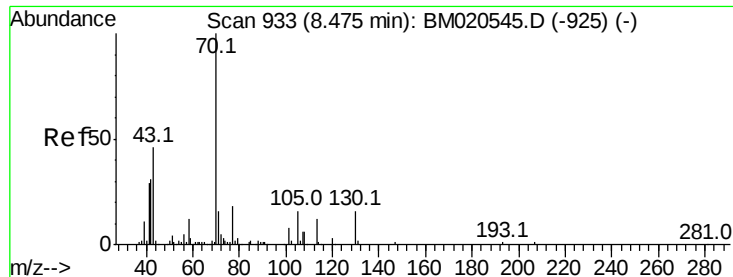
mohammad  
5/30/2019 8:16:42 AM



#18  
Hexachloroethane  
Concen: 38.879 ng  
RT: 8.68 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 91.6  | 73.2  | 109.8 |       |
| 201     | 139.7 | 105.8 | 158.8 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 34.251 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

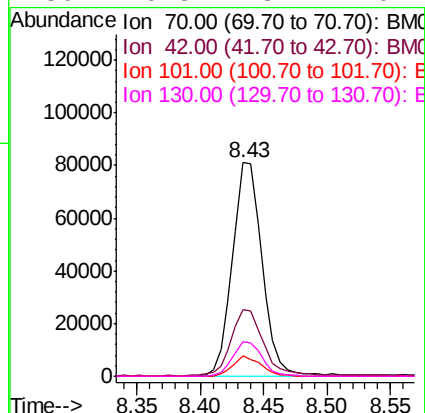
Instrument :  
BNA\_M

ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 30.9  | 24.7  | 37.1  |
| 101     | 9.5   | 6.8   | 10.2  |
| 130     | 16.3  | 13.1  | 19.7  |

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#20

3+4-Methylphenols

Concen: 33.189 ng

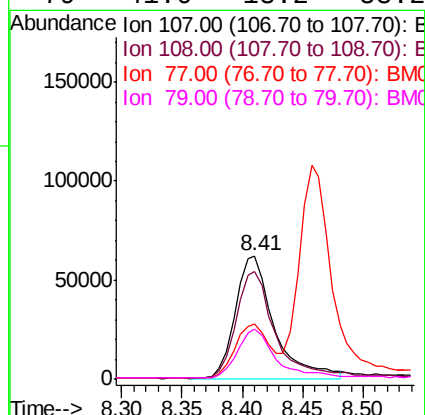
RT: 8.41 min Scan# 922

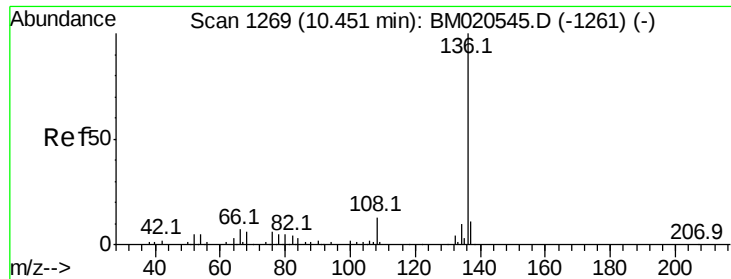
Delta R.T. 0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.9  | 66.5  | 106.5 |
| 77      | 44.8  | 23.0  | 63.0  |
| 79      | 41.0  | 18.2  | 58.2  |





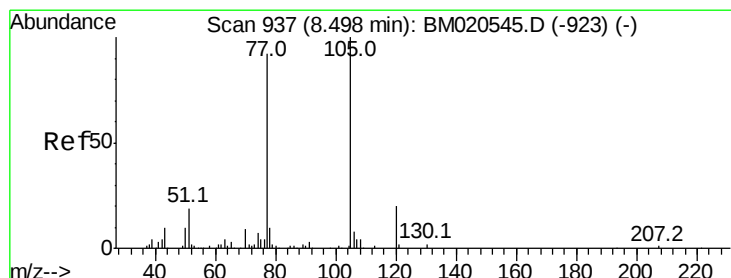
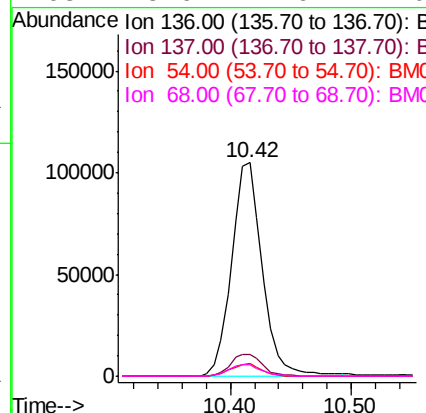
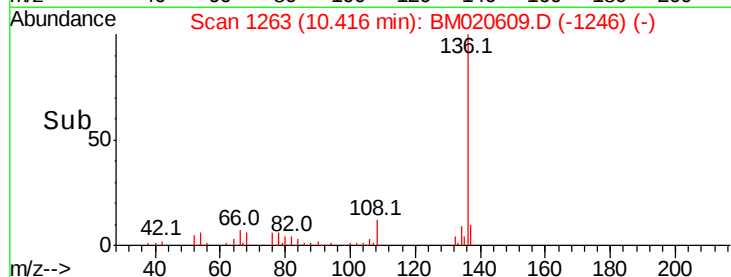
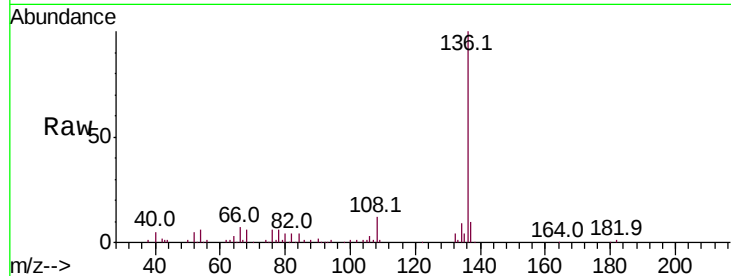
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.42 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 185986 |       |       |
| 137     | 10.0  |        | 8.4   | 12.6  |
| 54      | 5.9   |        | 4.2   | 6.4   |
| 68      | 5.6   |        | 4.6   | 7.0   |

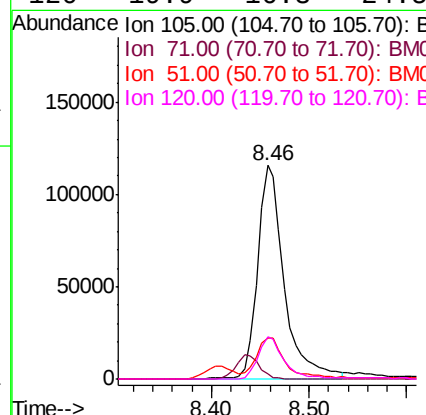
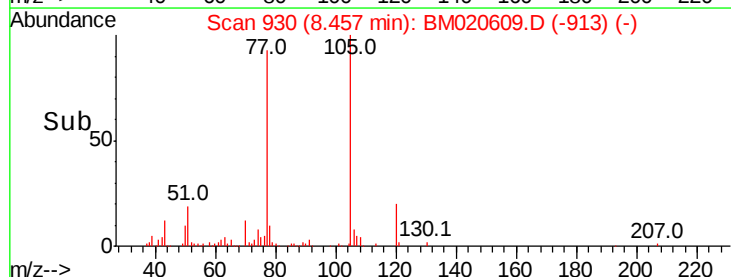
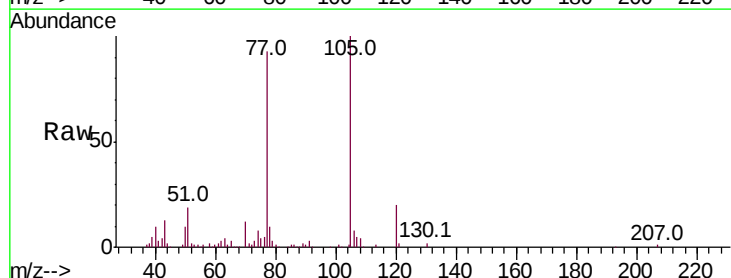
Manual Integrations  
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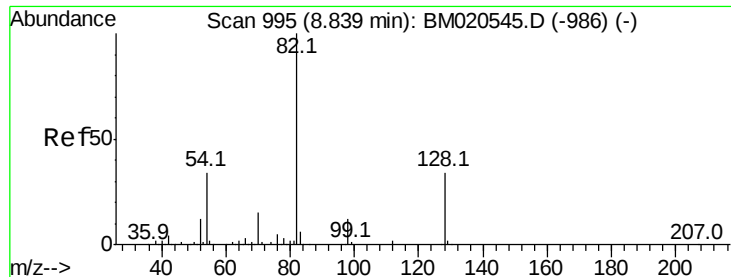
mohammad  
5/30/2019 8:16:42 AM



#22  
Acetophenone  
Concen: 43.521 ng  
RT: 8.46 min Scan# 930  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 222891 |       |       |
| 71      | 2.2   |        | 1.3   | 1.9#  |
| 51      | 19.3  |        | 15.7  | 23.5  |
| 120     | 19.9  |        | 16.3  | 24.5  |





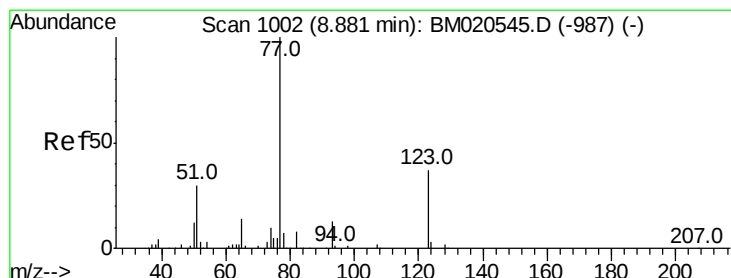
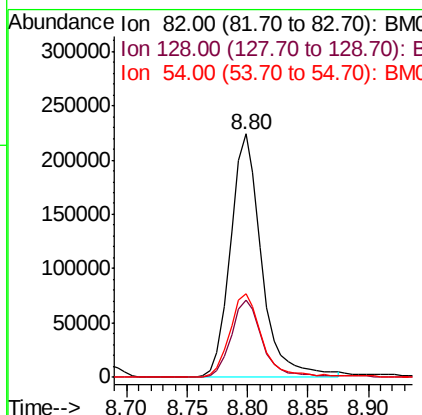
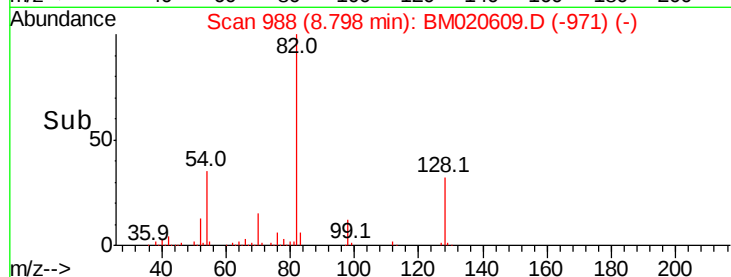
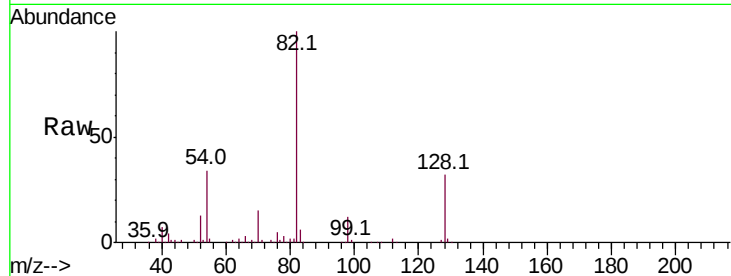
#23  
 Nitrobenzene-d5  
 Concen: 90.744 ng  
 RT: 8.80 min Scan# 988  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 402097 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 31.5  | 27.0  | 40.4   |
| 54        | 34.4  | 27.4  | 41.2   |

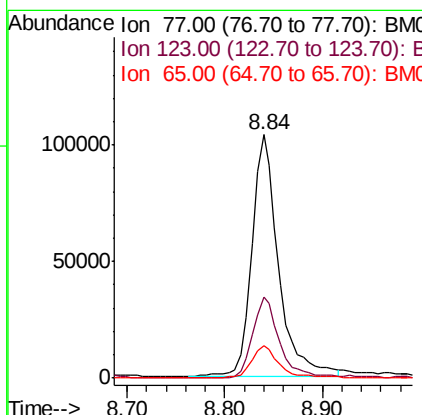
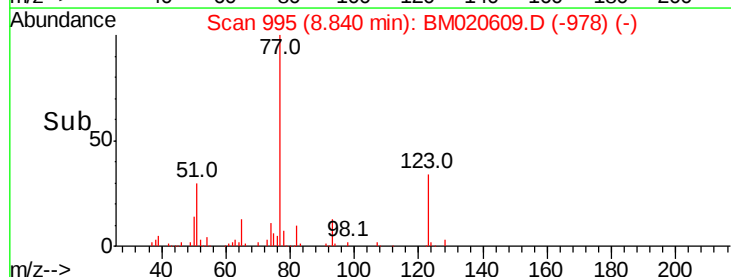
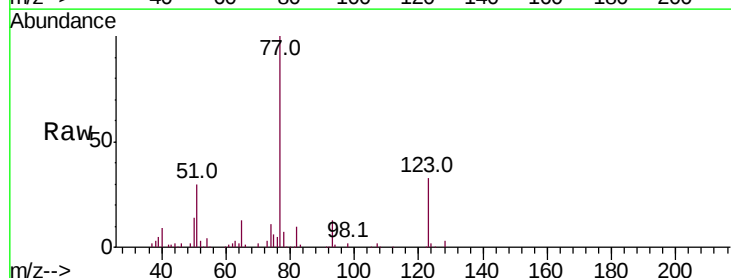
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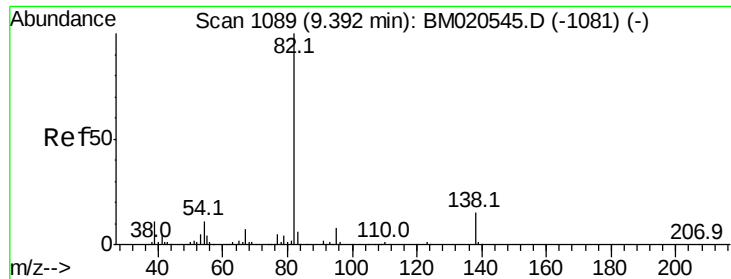
mohammad  
 5/30/2019 8:16:42 AM



#24  
 Nitrobenzene  
 Concen: 45.363 ng  
 RT: 8.84 min Scan# 995  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 198514 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 33.3  | 29.4  | 44.2   |
| 65        | 13.4  | 10.8  | 16.2   |





#25

Isophorone

Concen: 43.162 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

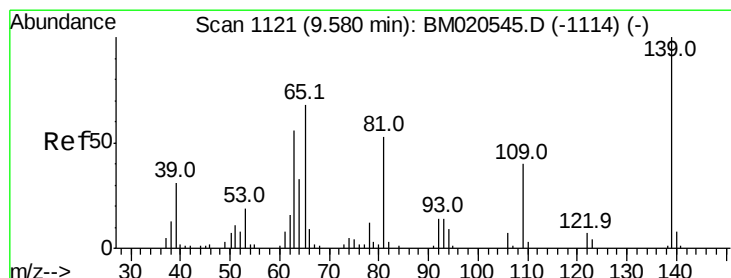
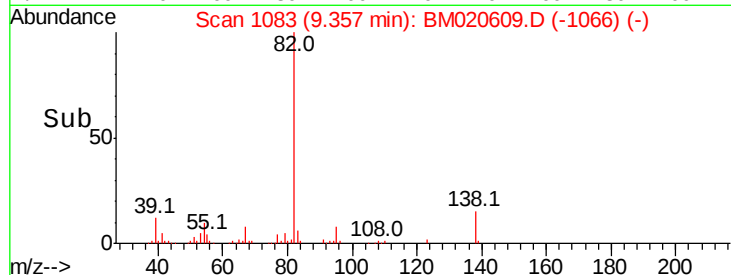
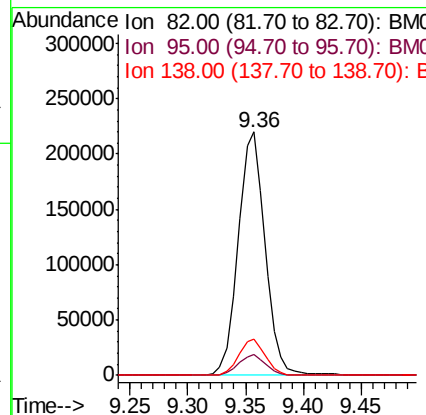
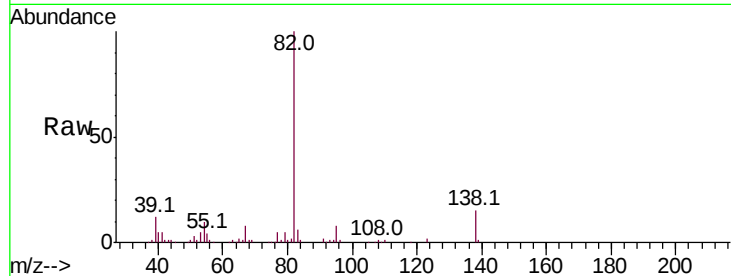
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 355870 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.4   | 6.7   | 10.1   |
| 138       | 14.8  | 12.0  | 18.0   |

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#26

2-Nitrophenol

Concen: 39.892 ng

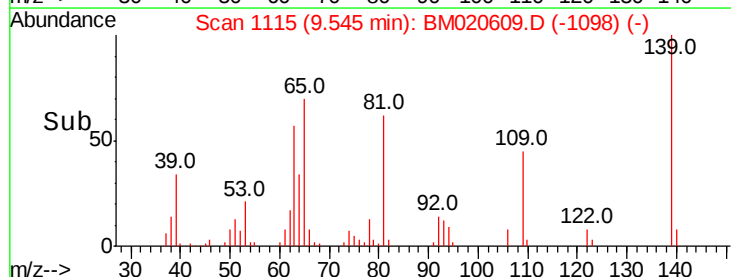
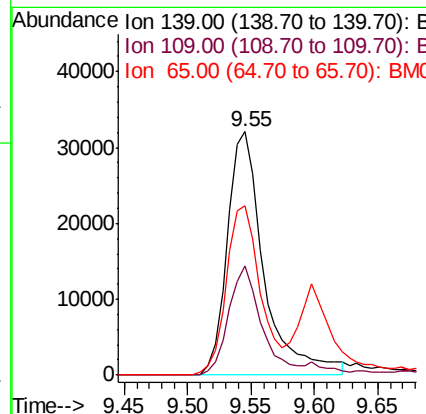
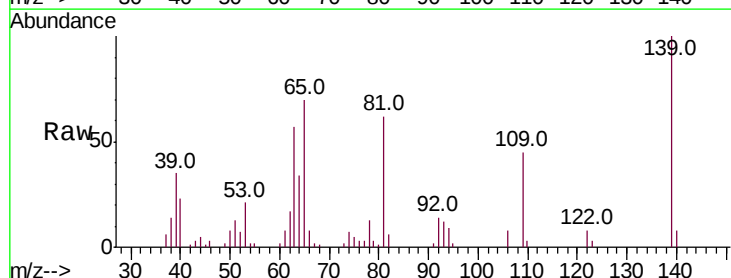
RT: 9.55 min Scan# 1115

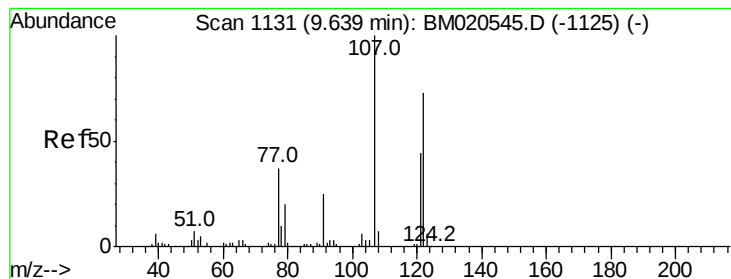
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 64414 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 44.7  | 32.3  | 48.5  |
| 65        | 69.7  | 54.4  | 81.6  |





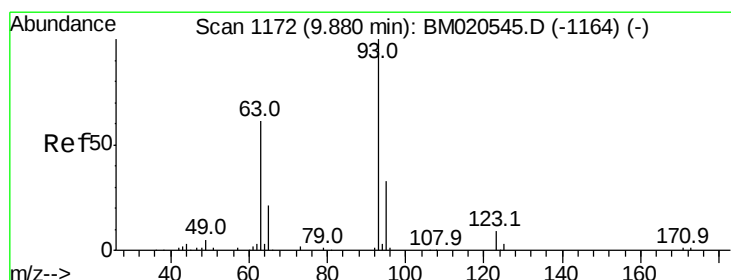
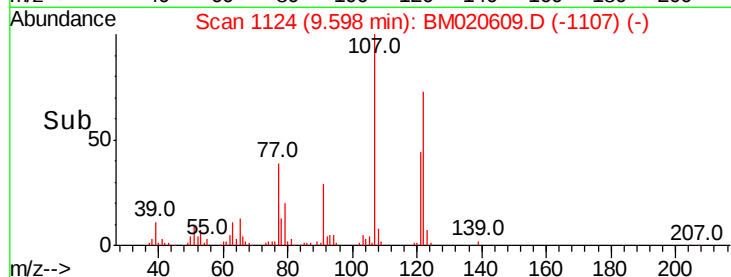
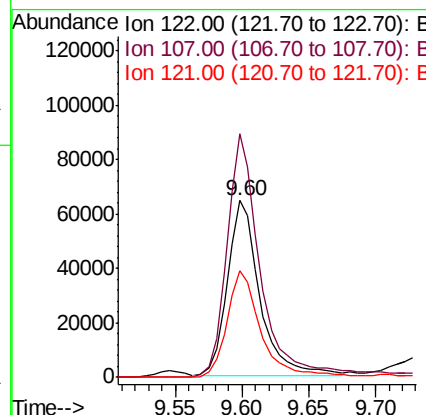
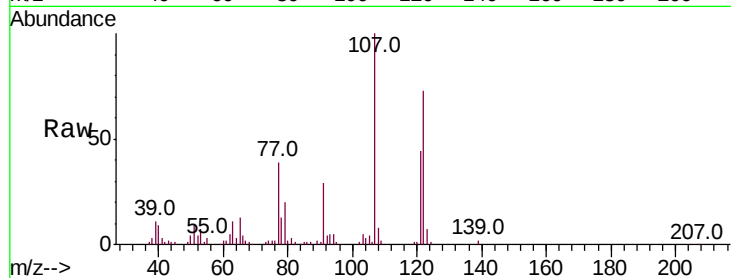
#27  
2,4-Dimethylphenol  
Concen: 45.783 ng  
RT: 9.60 min Scan# 1124  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 137.6 | 108.2 | 162.2 |
| 121     | 60.2  | 47.4  | 71.0  |

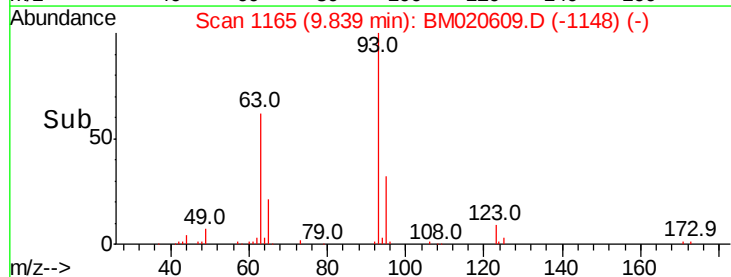
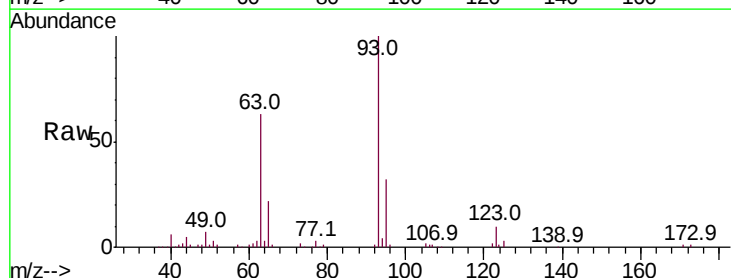
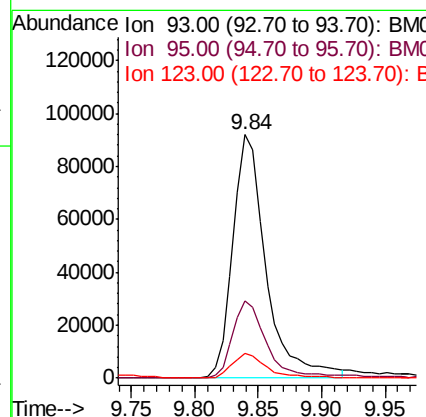
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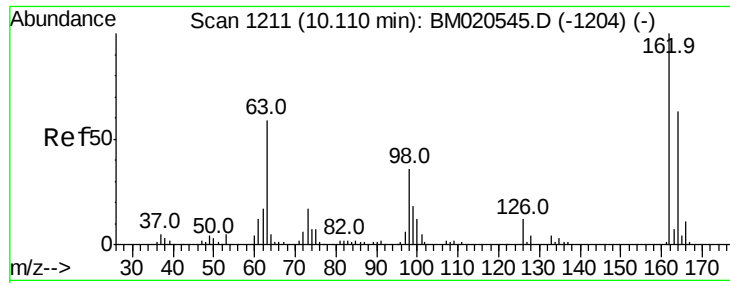
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#28  
bis(2-Chloroethoxy)methane  
Concen: 38.989 ng  
RT: 9.84 min Scan# 1165  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 26.1  | 39.1  |
| 123     | 10.0  | 8.1   | 12.1  |





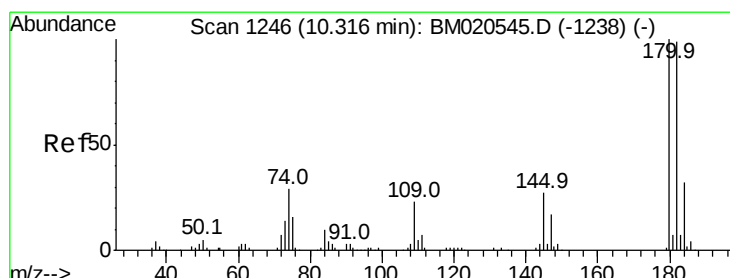
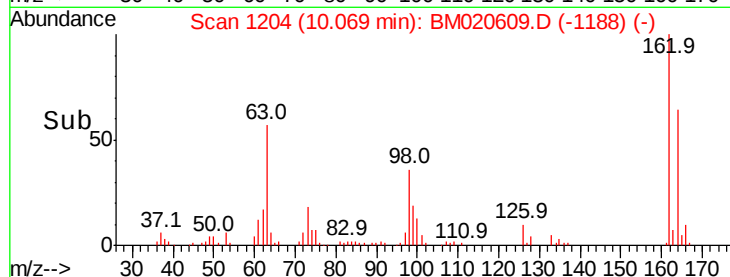
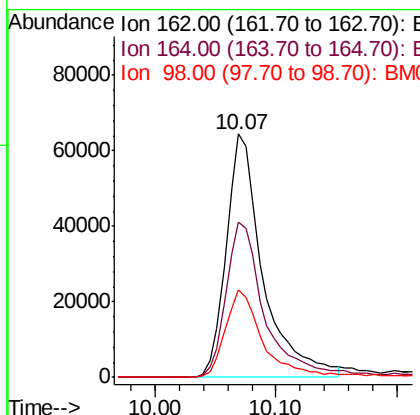
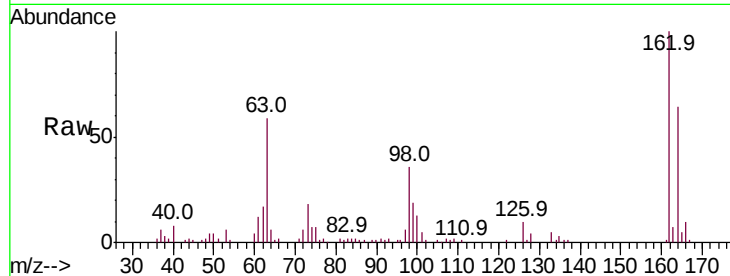
#29  
 2,4-Dichlorophenol  
 Concen: 42.632 ng  
 RT: 10.07 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 136387 |       |       |
| 164     | 63.6  | 43.1   | 83.1  |       |
| 98      | 35.8  | 16.2   | 56.2  |       |

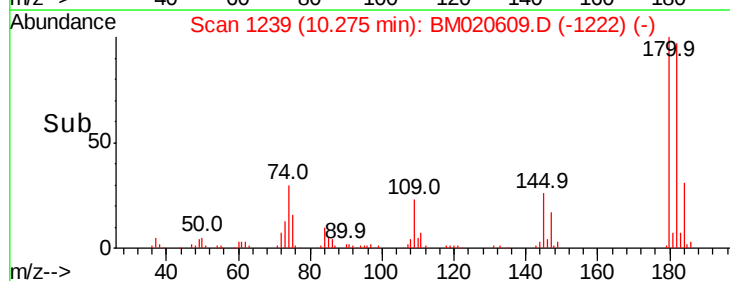
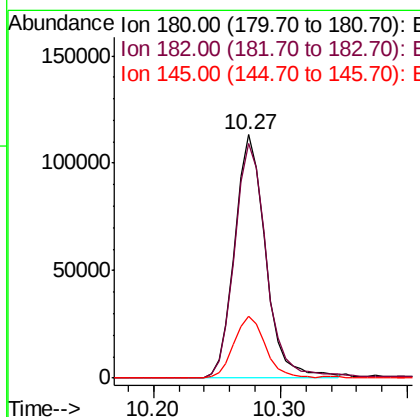
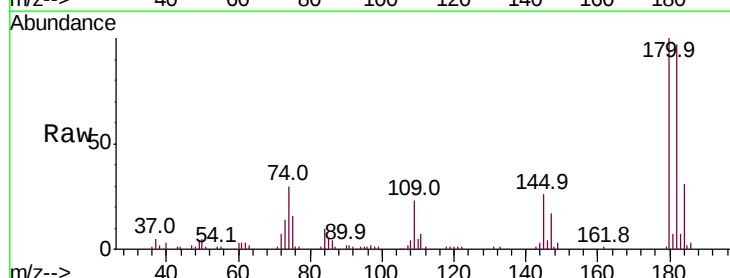
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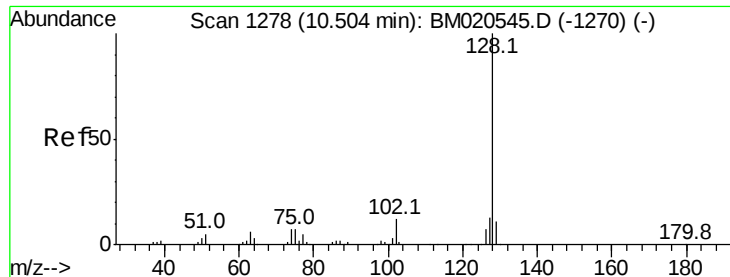
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.921 ng  
 RT: 10.27 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 192120 |       |       |
| 182     | 96.6  | 78.8   | 118.2 |       |
| 145     | 25.5  | 21.3   | 31.9  |       |





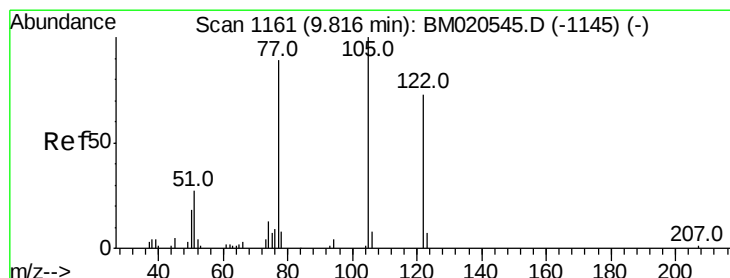
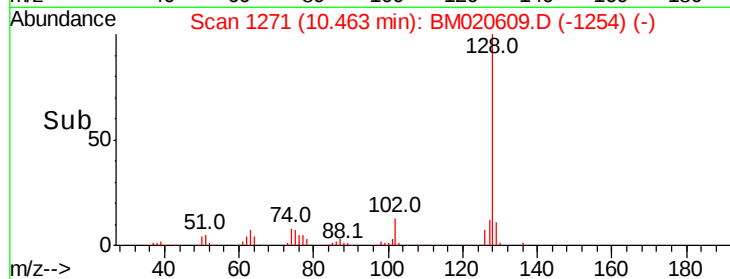
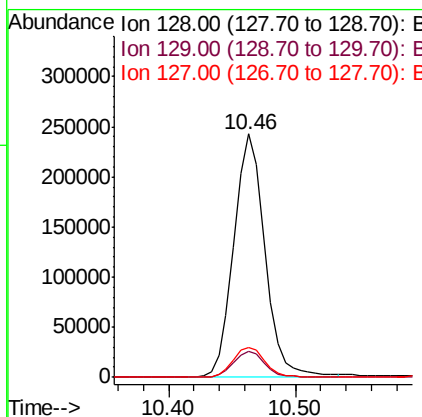
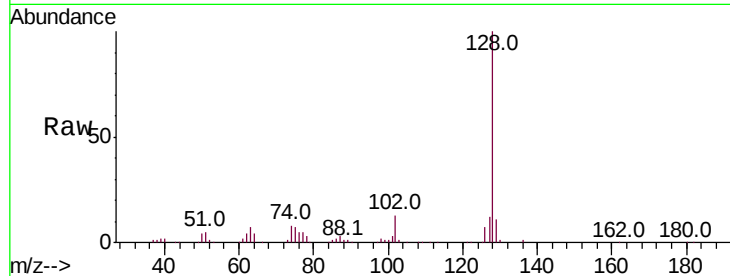
#31  
Naphthalene  
Concen: 43.138 ng  
RT: 10.46 min Scan# 1271  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.0  | 9.0  | 13.6  |       |
| 127     | 12.4  | 10.4 | 15.6  |       |

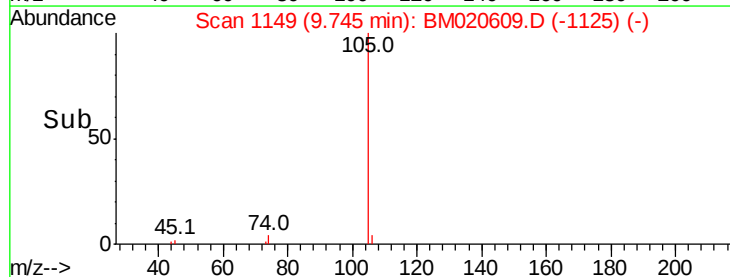
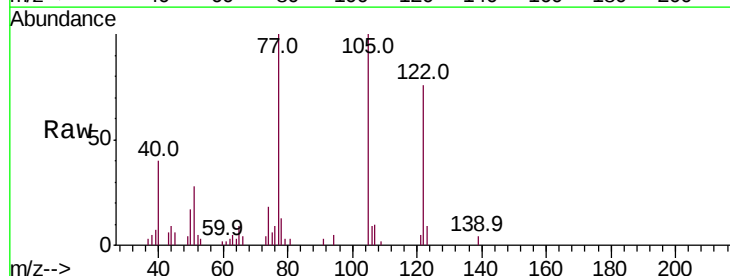
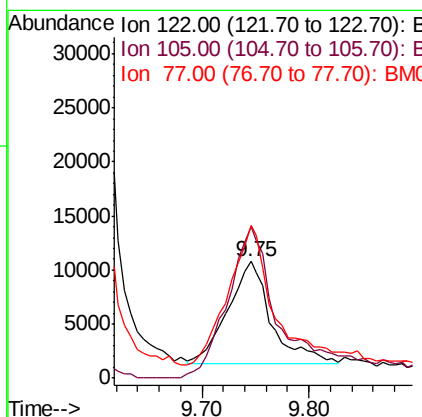
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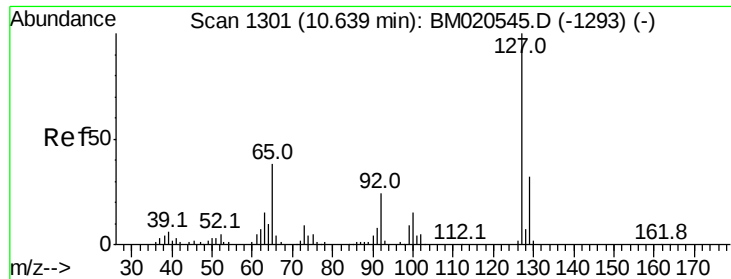
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#32  
Benzoic acid  
Concen: 23.266 ng m  
RT: 9.75 min Scan# 1149  
Delta R.T. 0.04 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 130.4 | 108.8 | 148.8 |       |
| 77      | 131.0 | 97.8  | 137.8 |       |





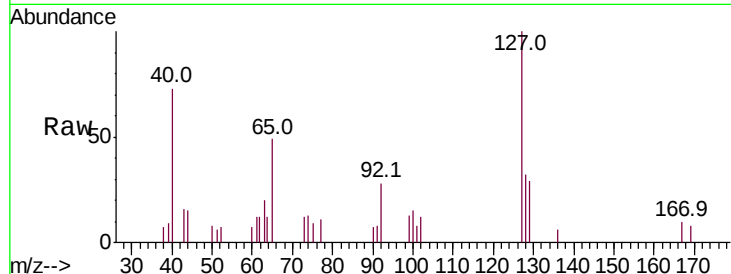
#33  
4-Chloroaniline  
Concen: 5.513 ng/ml  
RT: 10.62 min Scan# 1297  
Delta R.T. 0.02 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

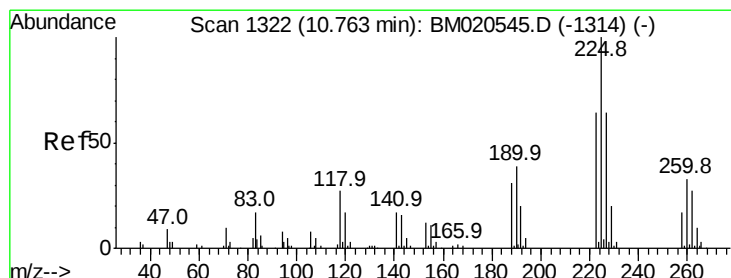
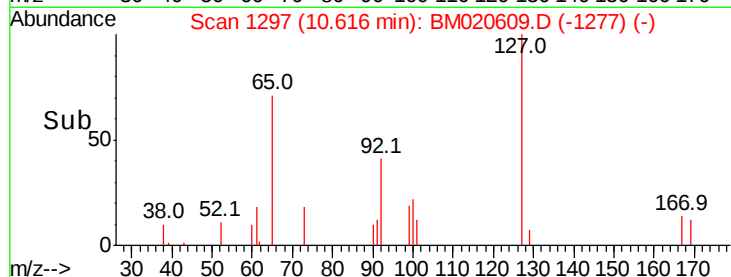
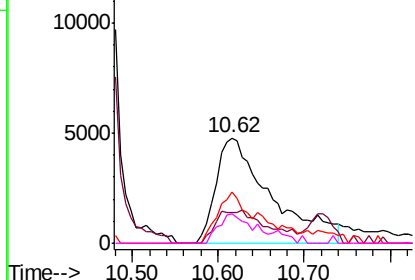
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 127   | Resp: | 21132 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 29.5  | 25.4  | 38.2  |
| 65        | 48.7  | 30.6  | 45.8  |
| 92        | 28.2  | 19.6  | 29.4  |

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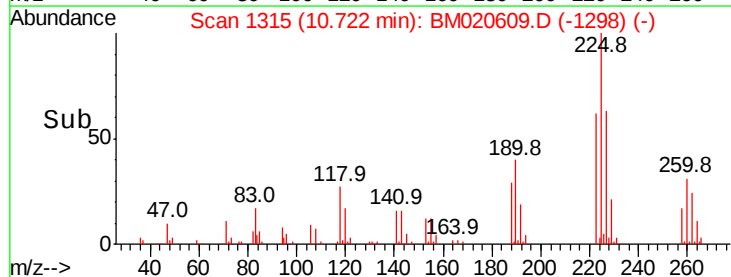
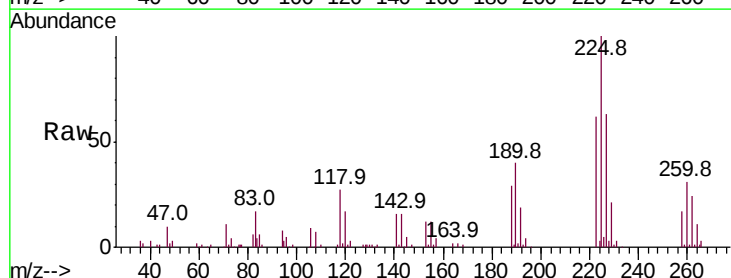
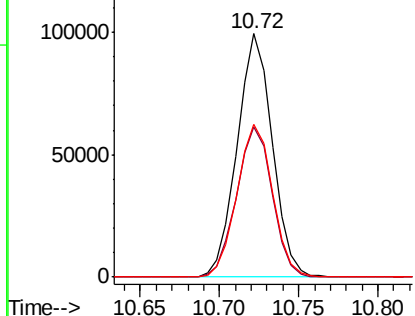
Abundance Ion 127.00 (126.70 to 127.70): E  
15000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

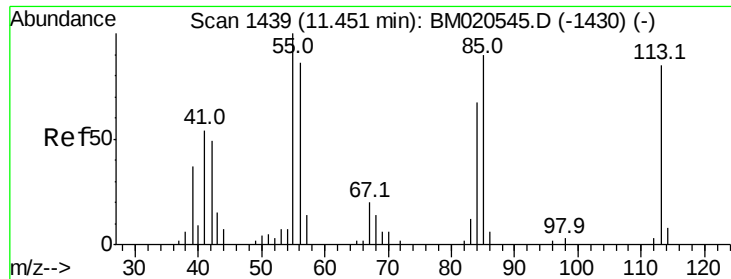


#34  
Hexachlorobutadiene  
Concen: 47.084 ng  
RT: 10.72 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 153127 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.7  | 51.4  | 77.0   |
| 227       | 62.6  | 51.0  | 76.6   |

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





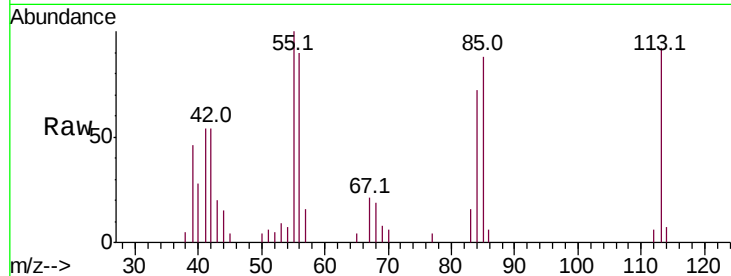
#35  
Caprolactam  
Concen: 22.661 ng/ml  
RT: 11.41 min Scan# 1432  
Delta R.T. 0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 108.7 | 97.6  | 137.6 |
| 56      | 98.0  | 81.6  | 121.6 |

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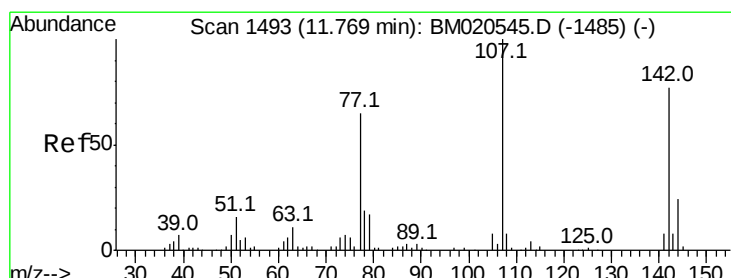
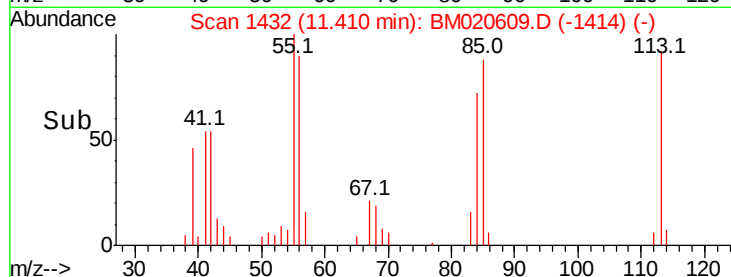
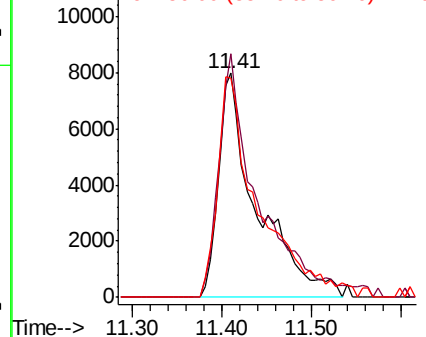


Abundance

Ion 113.00 (112.70 to 113.70): E

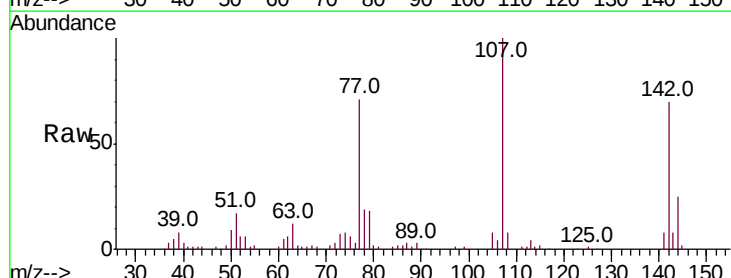
Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36  
4-Chloro-3-methylphenol  
Concen: 38.823 ng/ml  
RT: 11.72 min Scan# 1485  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.0  | 19.0  | 28.6  |
| 142     | 70.4  | 61.3  | 91.9  |

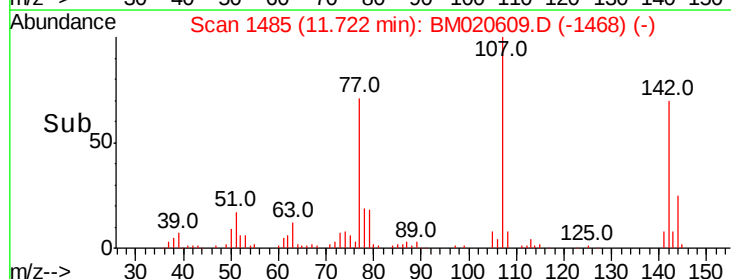
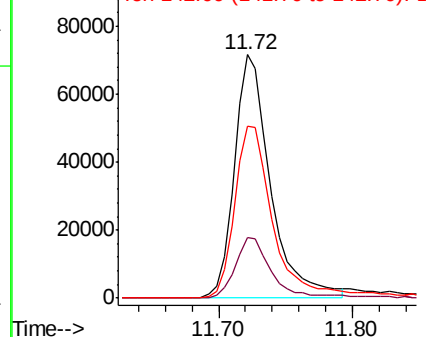


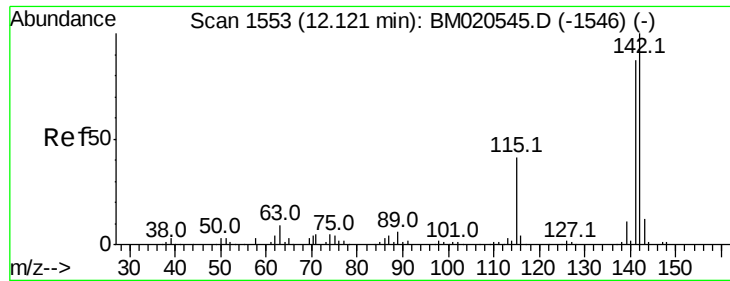
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





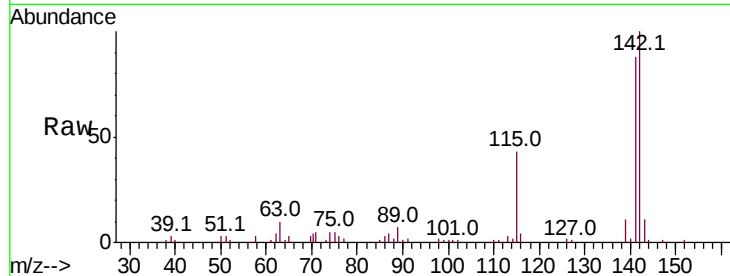
#37  
2-Methylnaphthalene  
Concen: 41.502 ng  
RT: 12.09 min Scan# 1547  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 69.9  | 104.9 |
| 115     | 43.3  | 32.9  | 49.3  |

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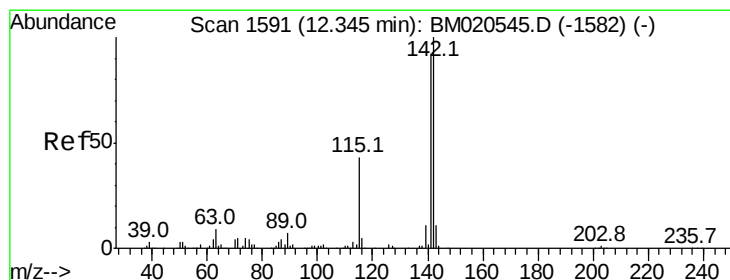
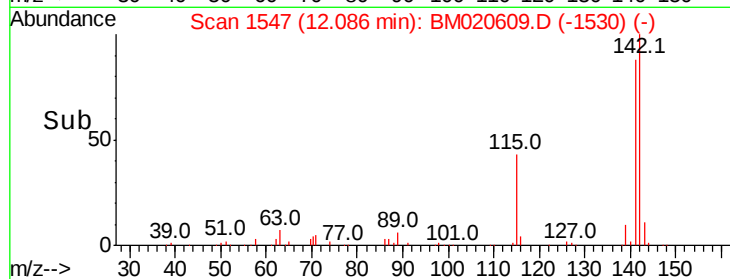
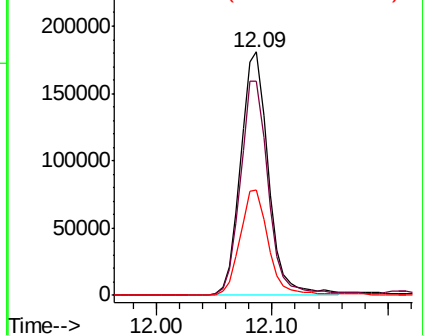


Abundance

Ion 142.00 (141.70 to 142.70): E

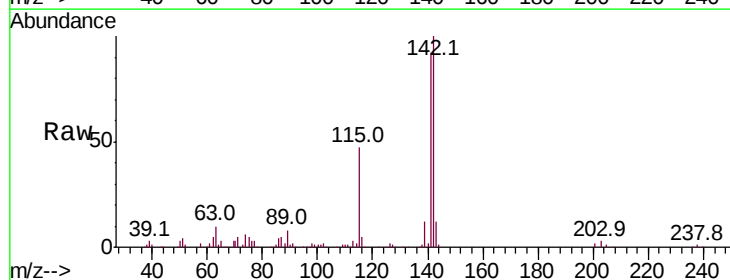
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 42.058 ng  
RT: 12.30 min Scan# 1584  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 73.7  | 110.5 |
| 116     | 5.1   | 3.7   | 5.5   |

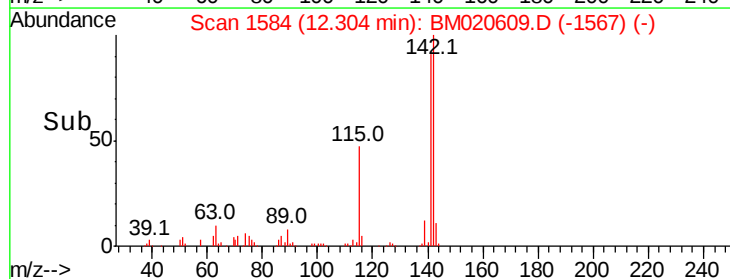
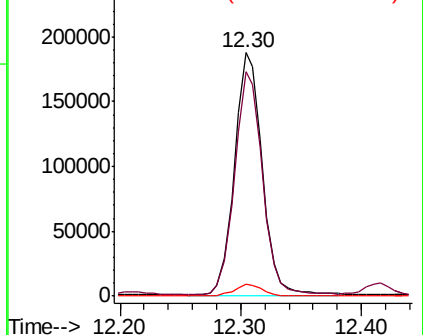


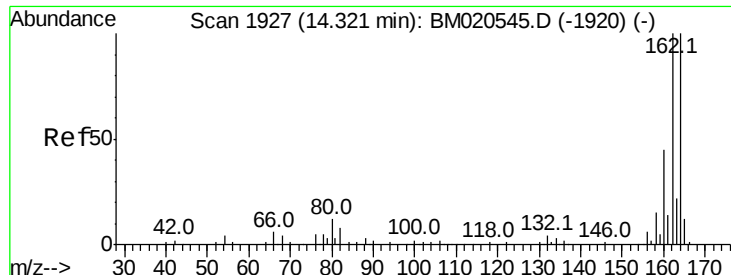
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





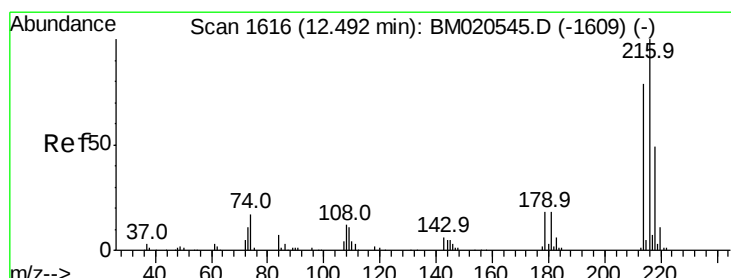
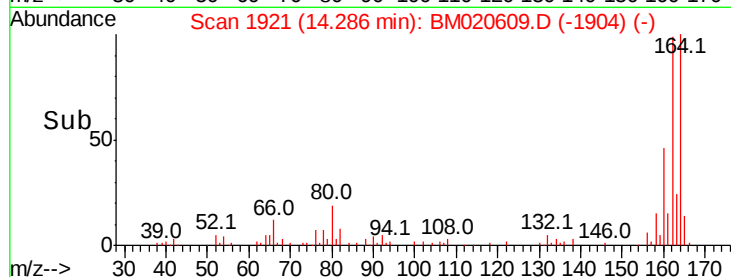
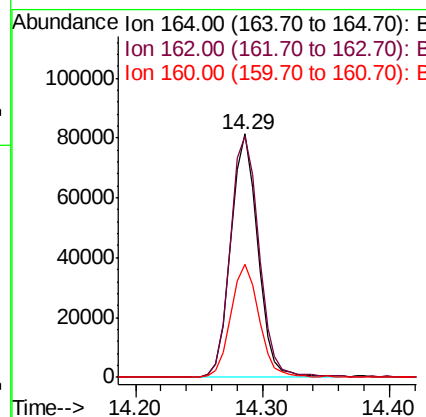
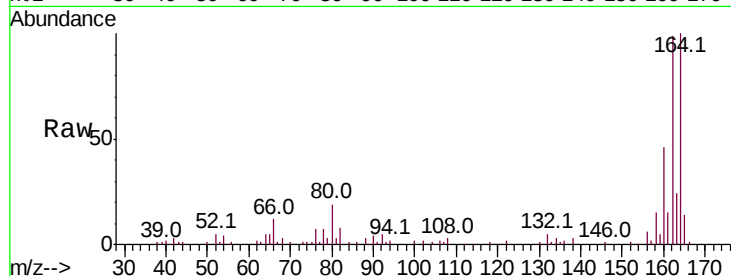
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.29 min Scan# 1921  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 99.2  | 79.8 | 119.8 |       |
| 160     | 46.2  | 35.9 | 53.9  |       |

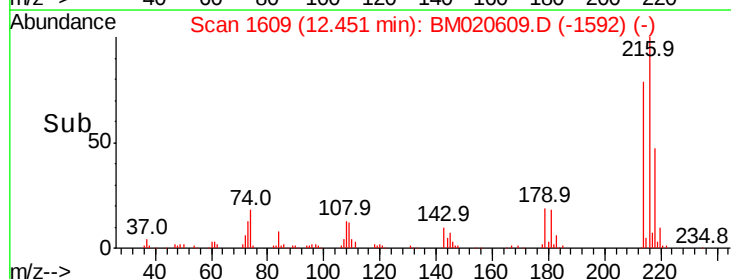
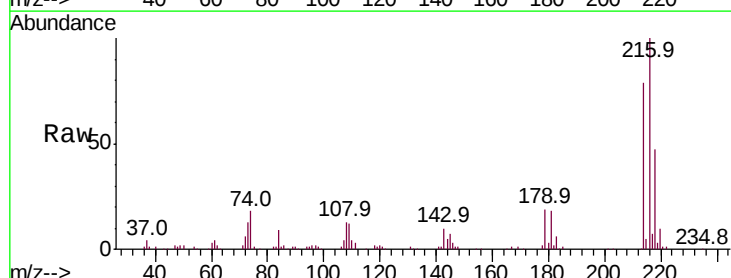
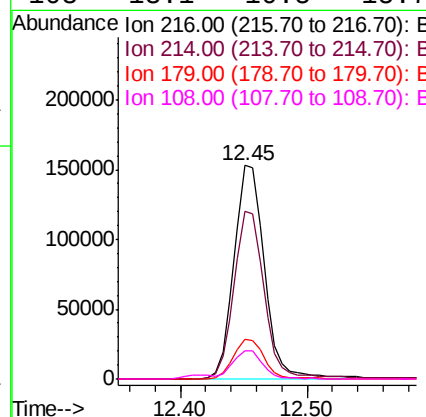
Manual Integrations  
APPROVED

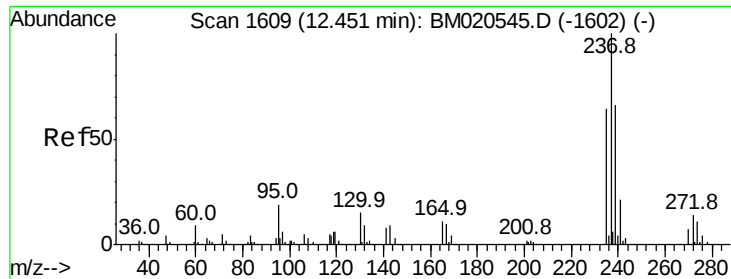
mohammad  
5/30/2019 8:16:42 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.304 ng  
RT: 12.45 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.0  | 63.0 | 94.6  |       |
| 179     | 18.7  | 14.8 | 22.2  |       |
| 108     | 13.1  | 10.5 | 15.7  |       |





#41

Hexachlorocyclopentadiene

Concen: 61.650 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

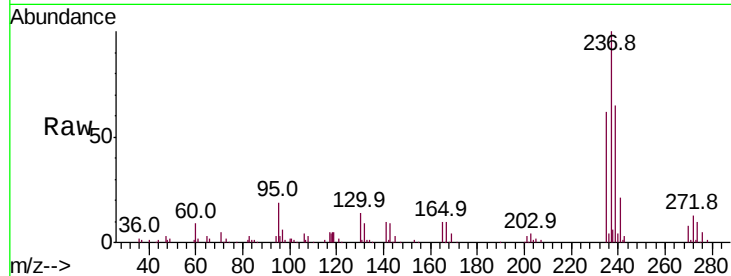
ClientSampleId :

OR-03-052319-AMS

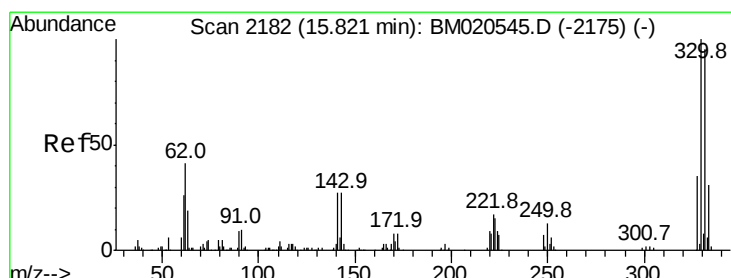
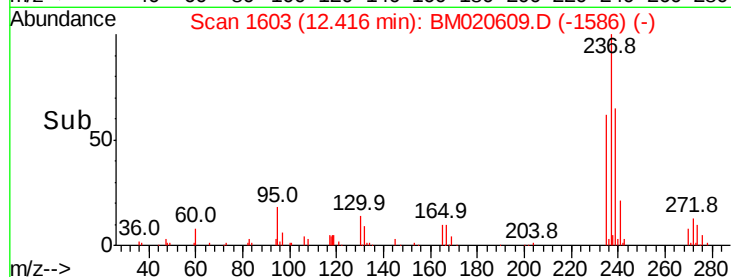
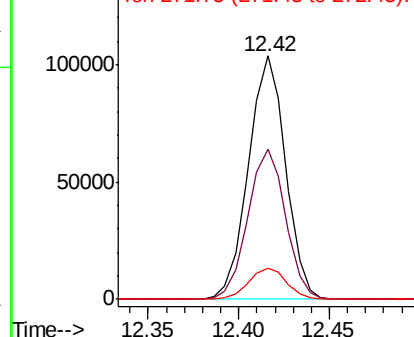
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 147518 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.5  | 43.5  | 83.5   |
| 272       | 12.7  | 0.0   | 33.9   |

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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: 141.512 ng

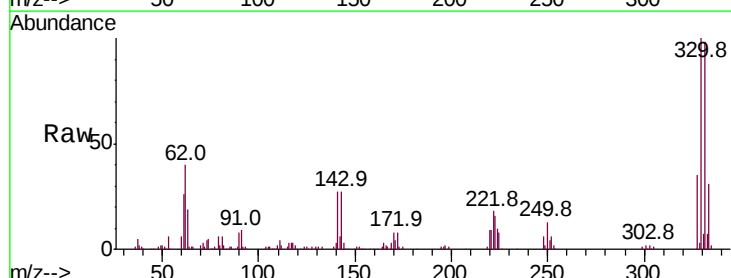
RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

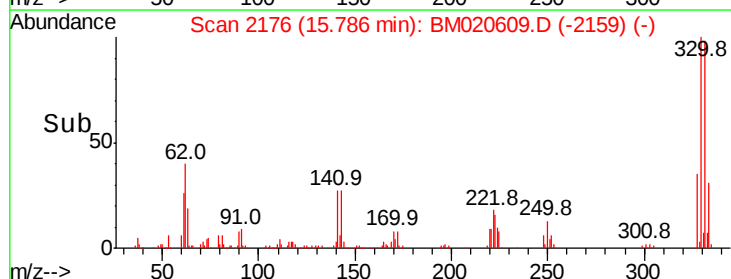
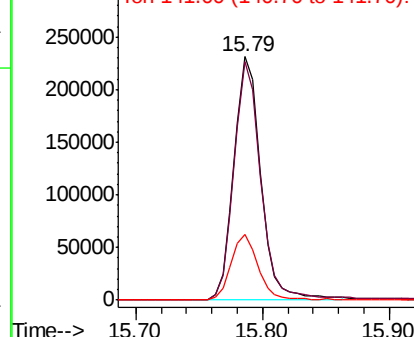
Lab File: BM020609.D

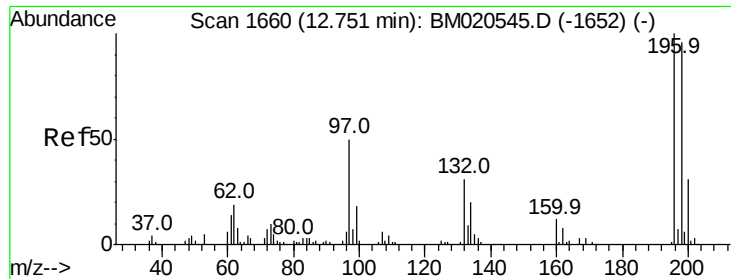
Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 340969 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.2  | 77.5  | 116.3  |
| 141       | 27.4  | 21.7  | 32.5   |



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





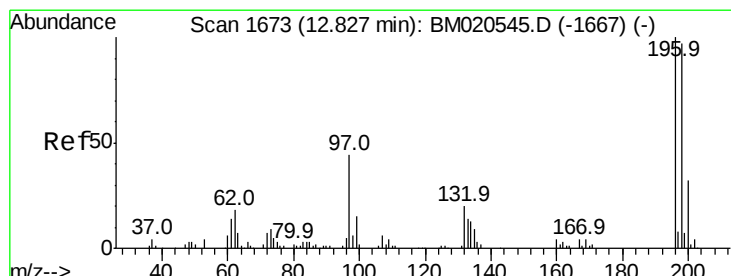
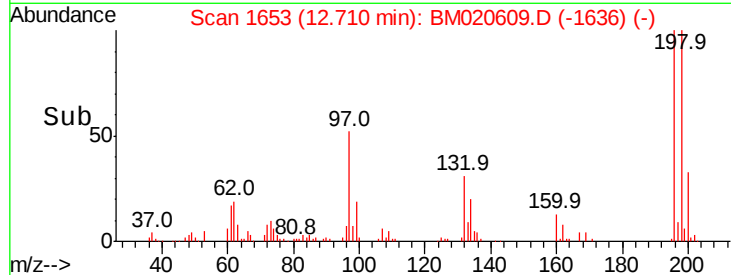
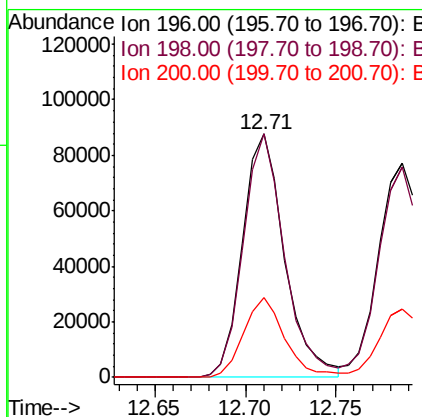
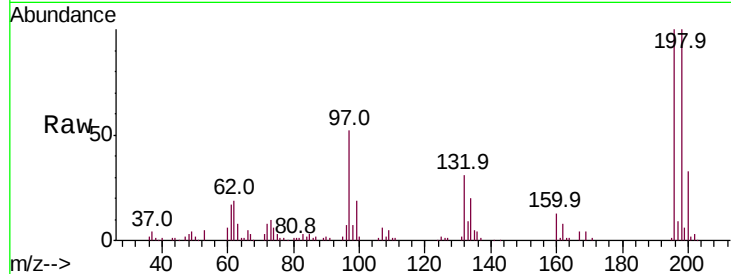
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.422 ng  
 RT: 12.71 min Scan# 1653  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 142108 |       |       |
| 198     | 99.9  | 76.4   | 114.6 |       |
| 200     | 32.9  | 25.0   | 37.4  |       |

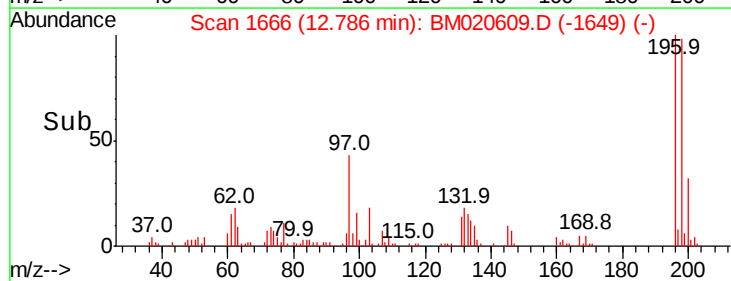
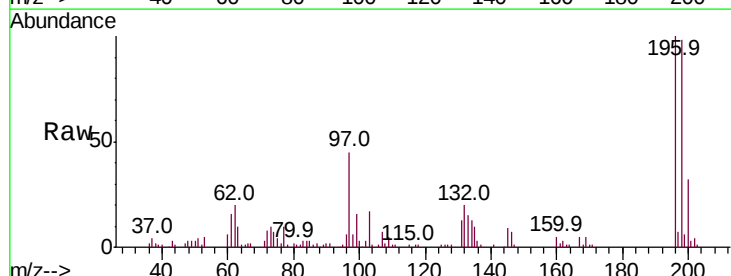
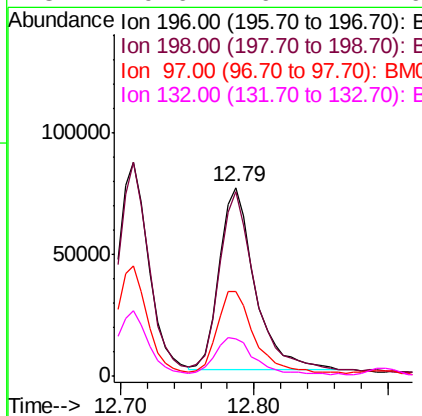
Manual Integrations  
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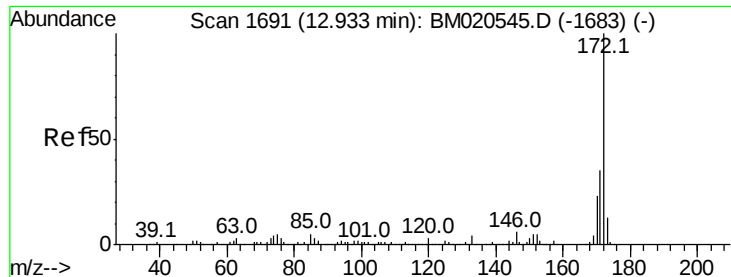
mohammad  
 5/30/2019 8:16:42 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.443 ng  
 RT: 12.79 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 138611 |       |       |
| 198     | 98.0  | 77.6   | 116.4 |       |
| 97      | 45.1  | 35.4   | 53.0  |       |
| 132     | 19.6  | 16.4   | 24.6  |       |





#45

2-Fluorobiphenyl

Concen: 92.890 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

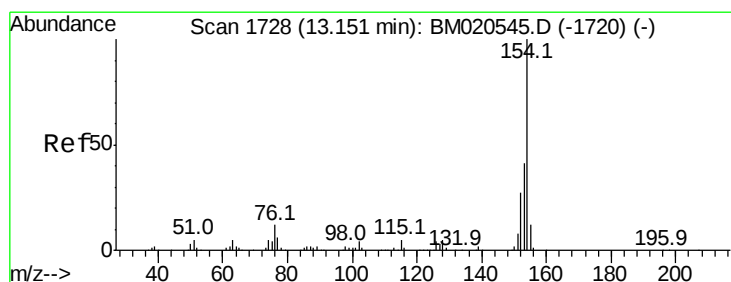
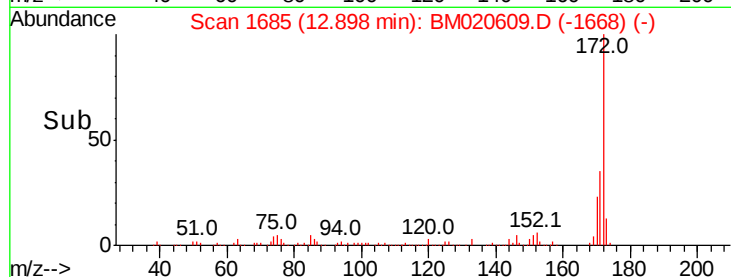
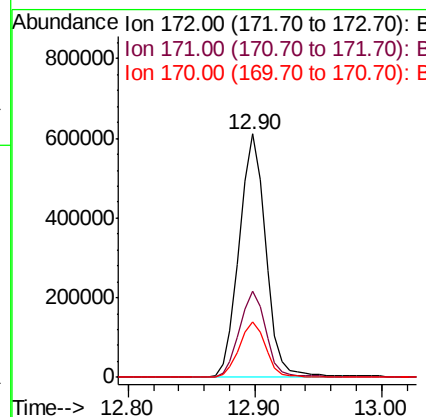
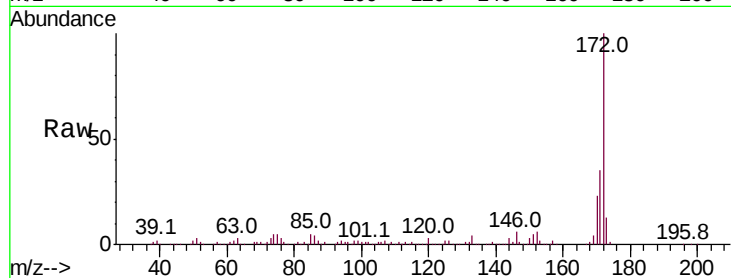
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 890290 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.2  | 27.9  | 41.9   |
| 170       | 22.8  | 18.2  | 27.4   |

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#46

1,1'-Biphenyl

Concen: 46.323 ng

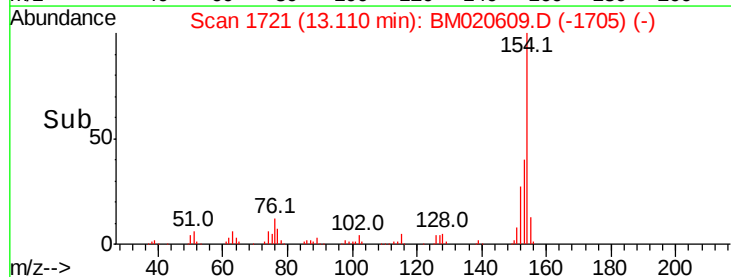
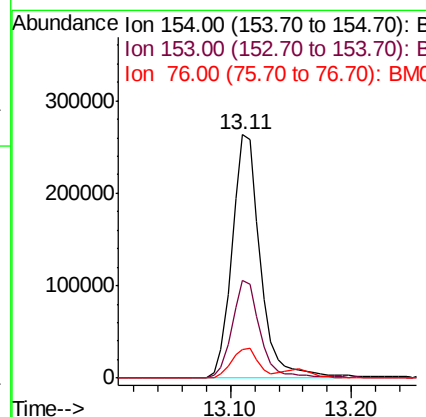
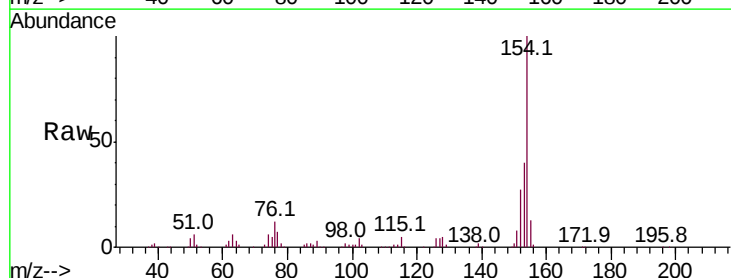
RT: 13.11 min Scan# 1721

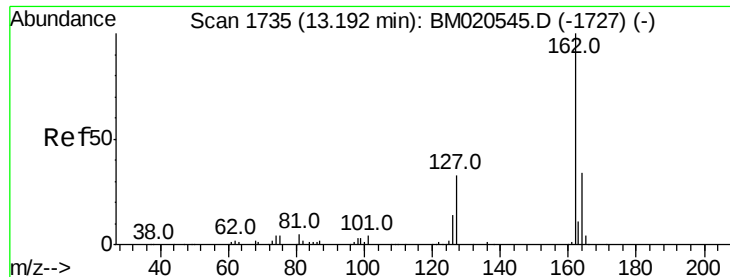
Delta R.T. -0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 429067 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.9  | 20.6  | 60.6   |
| 76        | 11.9  | 0.0   | 32.2   |





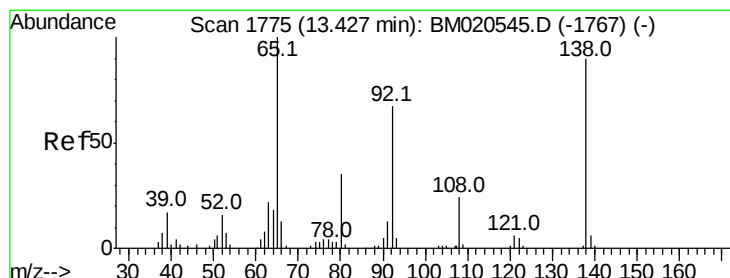
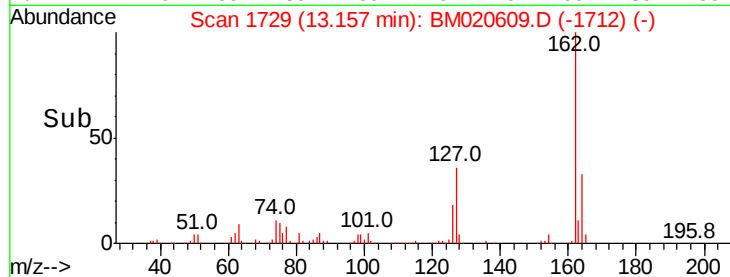
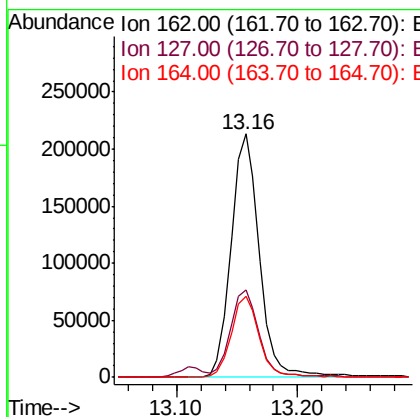
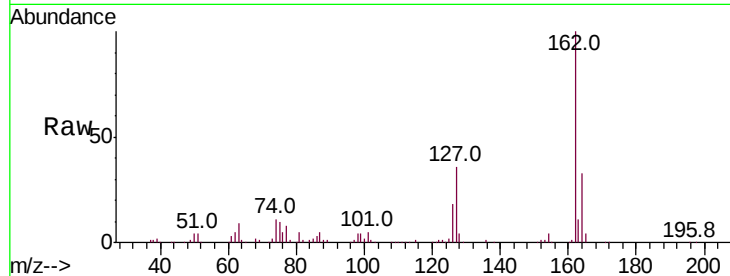
#47  
2-Chloronaphthalene  
Concen: 44.332 ng  
RT: 13.16 min Scan# 1729  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 35.9  | 29.2 | 43.8  |       |
| 164     | 33.0  | 27.4 | 41.2  |       |

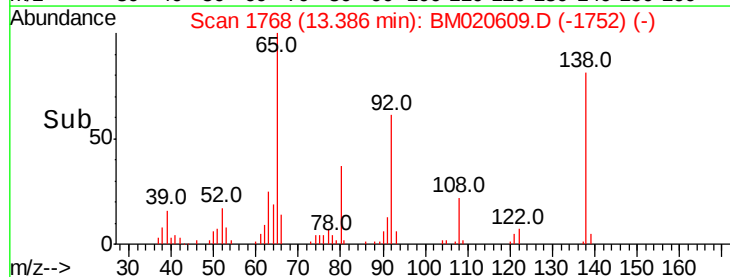
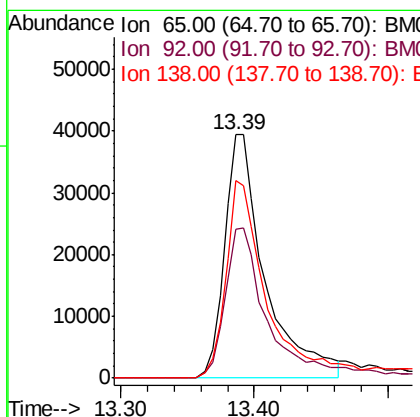
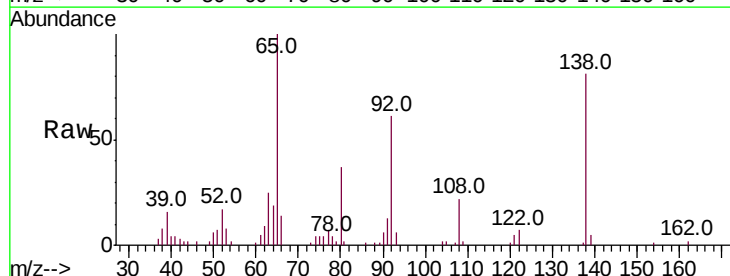
Manual Integrations  
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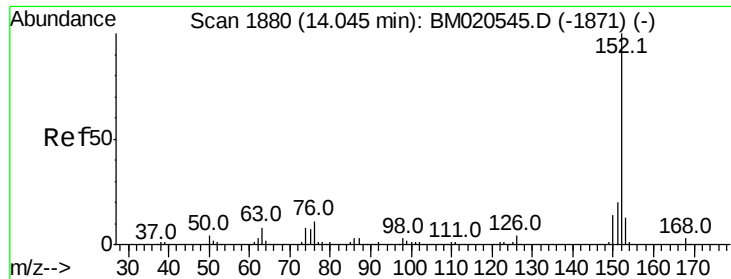
mohammad  
5/30/2019 8:16:42 AM



#48  
2-Nitroaniline  
Concen: 35.344 ng  
RT: 13.39 min Scan# 1768  
Delta R.T. -0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 92      | 61.0  | 53.6 | 80.4  |       |
| 138     | 81.1  | 72.0 | 108.0 |       |





#49

Acenaphthylene

Concen: 44.326 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

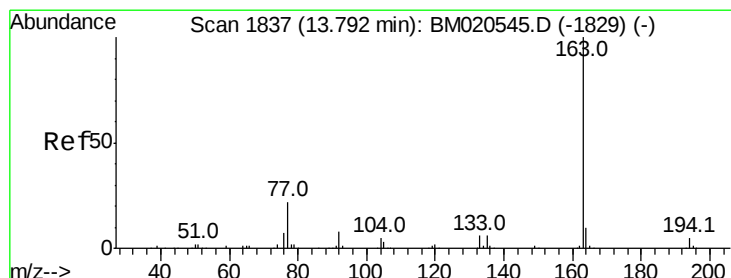
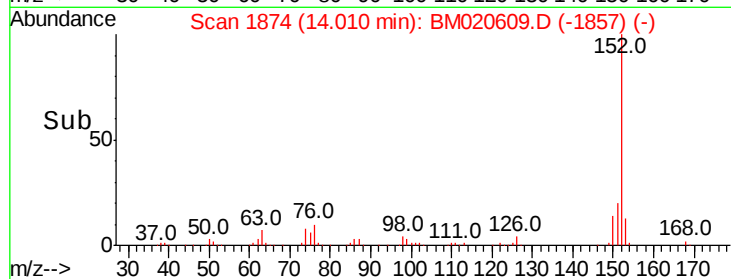
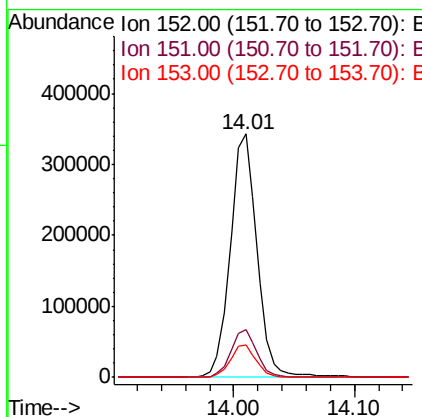
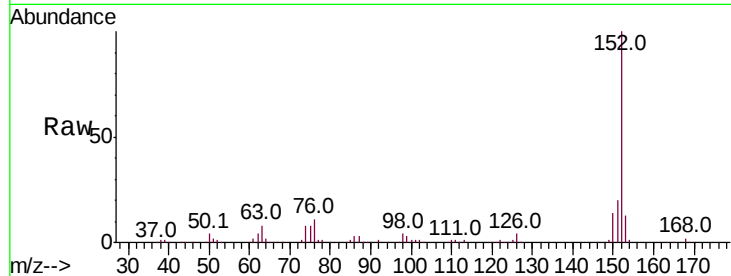
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 529283 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.6  | 15.7  | 23.5   |
| 153       | 13.1  | 10.2  | 15.2   |

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#50

Dimethylphthalate

Concen: 43.481 ng

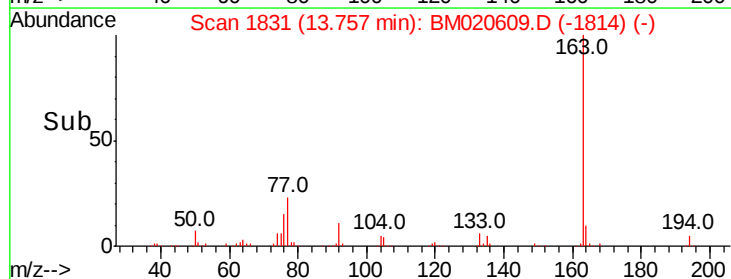
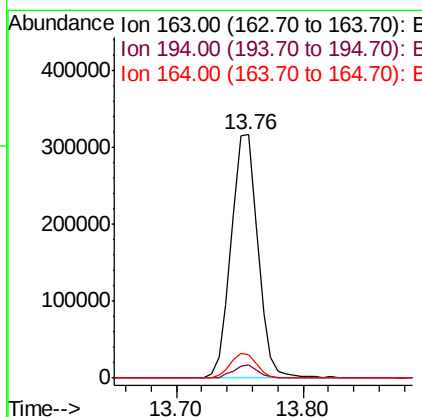
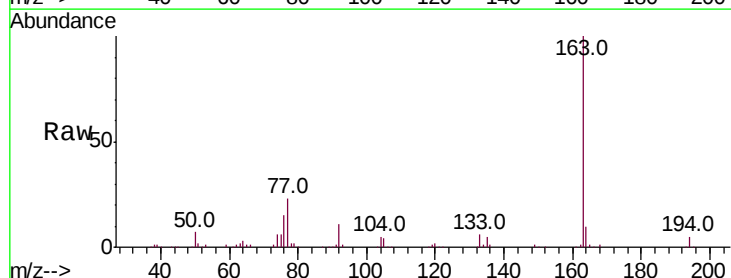
RT: 13.76 min Scan# 1831

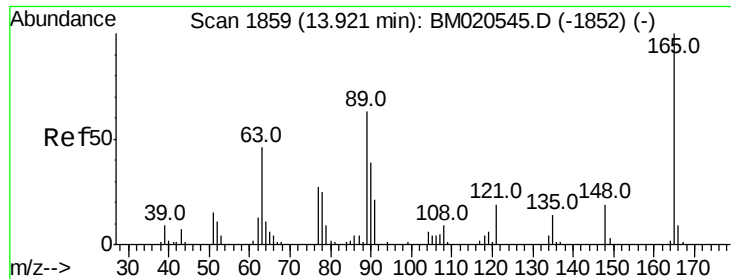
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 463179 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 5.2   | 3.9   | 5.9    |
| 164       | 9.9   | 8.0   | 12.0   |





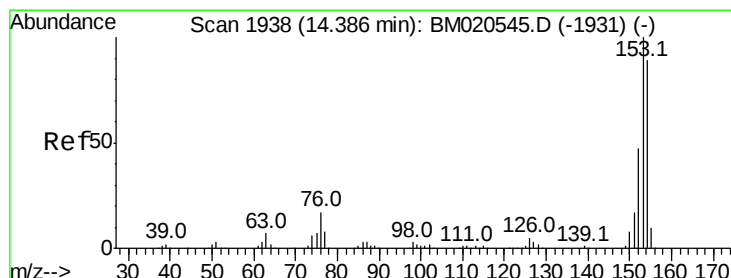
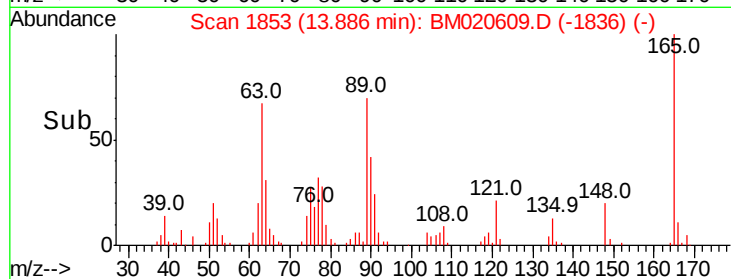
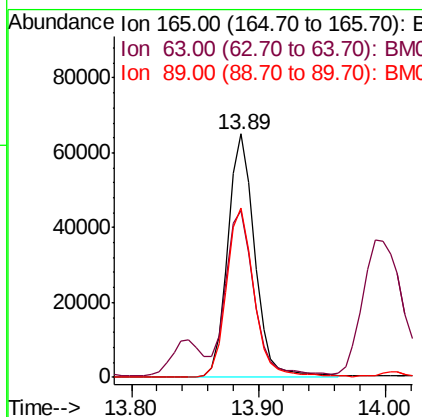
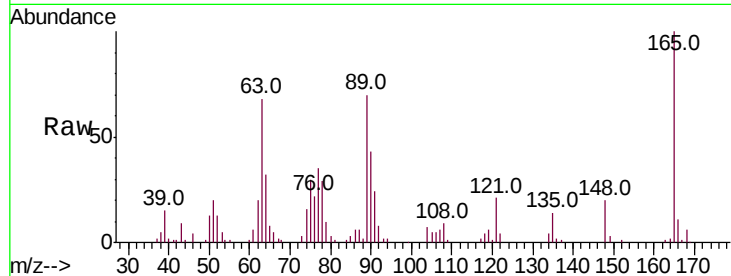
#51  
 2,6-Dinitrotoluene  
 Concen: 43.110 ng  
 RT: 13.89 min Scan# 1853  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 95713 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 68.3  | 49.6  | 74.4  |
| 89        | 69.6  | 50.8  | 76.2  |

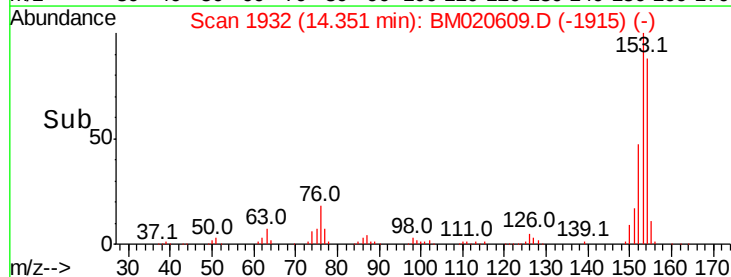
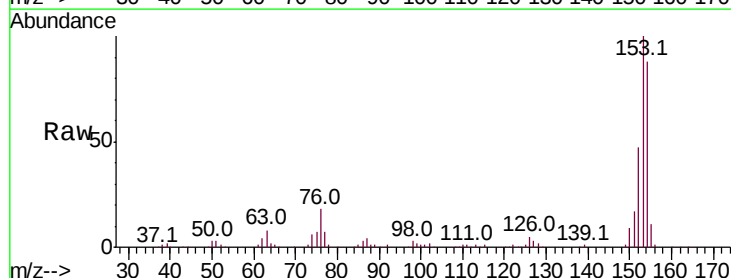
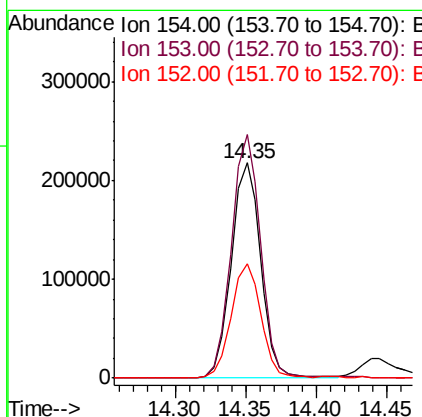
Manual Integrations  
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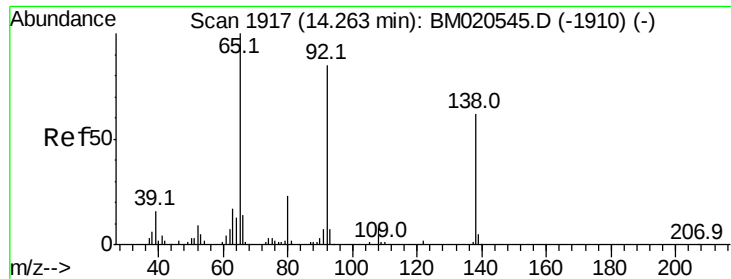
mohammad  
 5/30/2019 8:16:42 AM



#52  
 Acenaphthene  
 Concen: 43.973 ng  
 RT: 14.35 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 316419 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.2 | 90.2  | 135.4  |
| 152       | 53.0  | 42.0  | 63.0   |





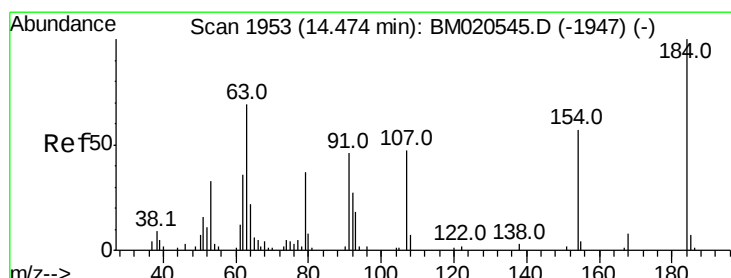
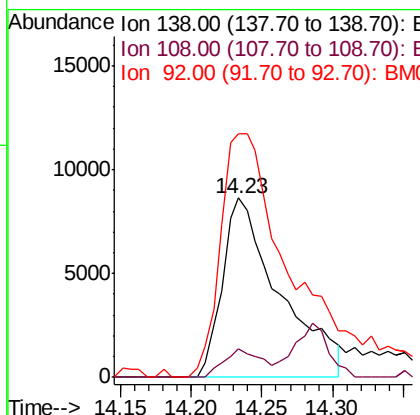
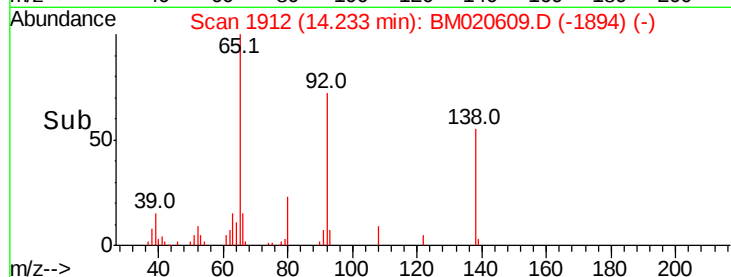
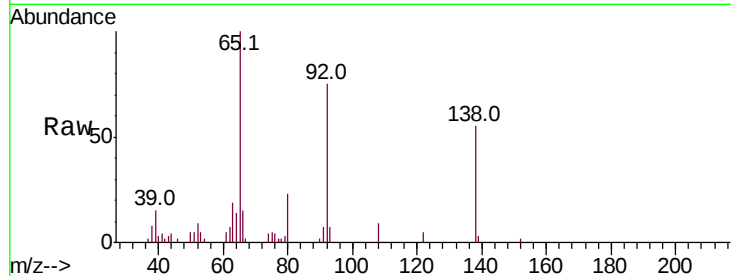
#53  
 3-Nitroaniline  
 Concen: 16.469 ng  
 RT: 14.23 min Scan# 1912  
 Delta R.T. 0.01 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 15.7  | 10.1  | 15.1# |
| 92      | 135.8 | 109.5 | 164.3 |

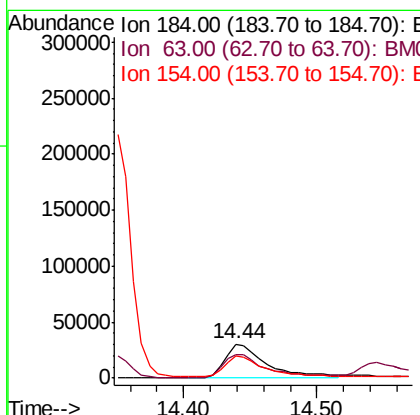
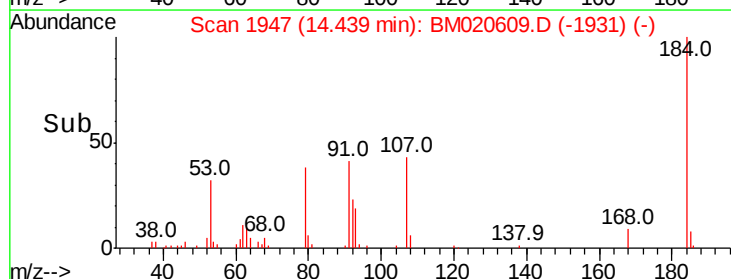
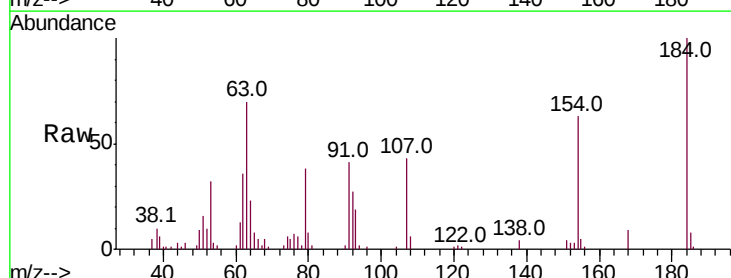
Manual Integrations  
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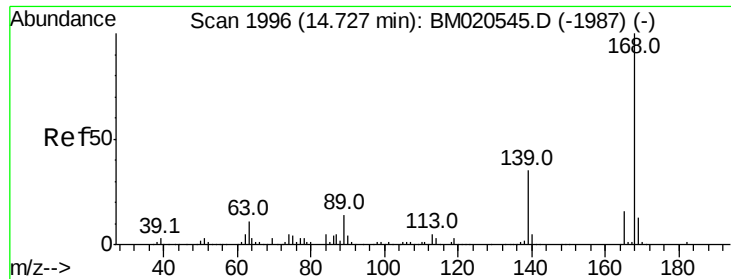
mohammad  
 5/30/2019 8:16:42 AM



#54  
 2,4-Dinitrophenol  
 Concen: 50.946 ng  
 RT: 14.44 min Scan# 1947  
 Delta R.T. -0.01 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 69.7  | 56.3  | 84.5  |
| 154     | 63.3  | 49.0  | 73.6  |





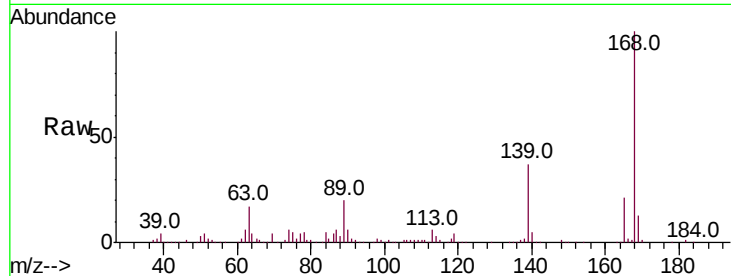
#55  
Dibenzenofuran  
Concen: 45.011 ng  
RT: 14.69 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

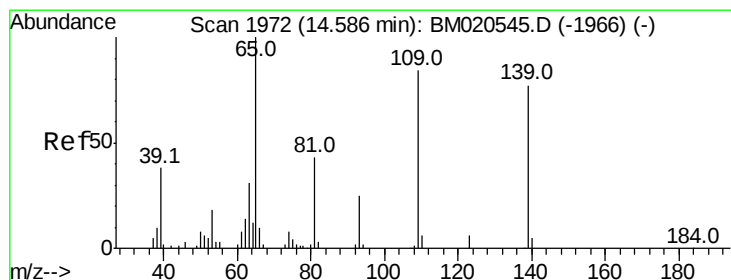
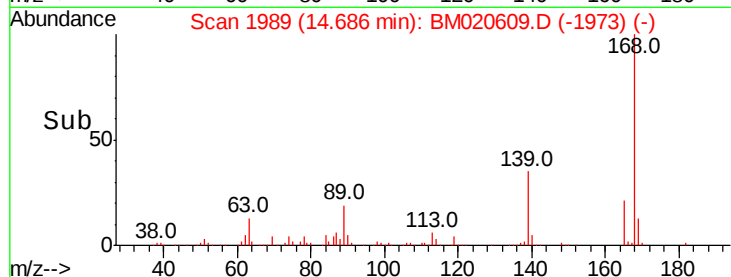
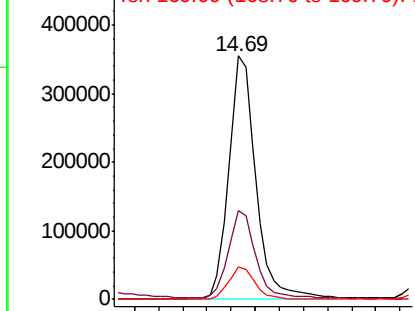
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.7  | 28.2  | 42.4  |
| 169     | 13.3  | 10.6  | 16.0  |

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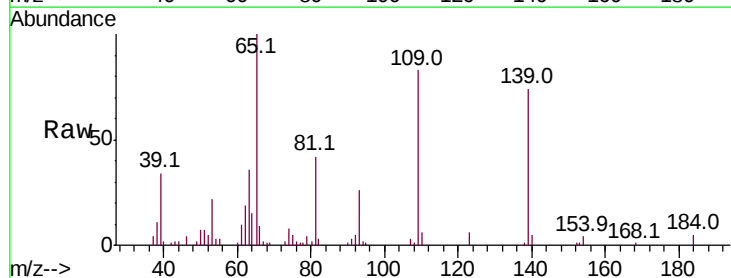


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

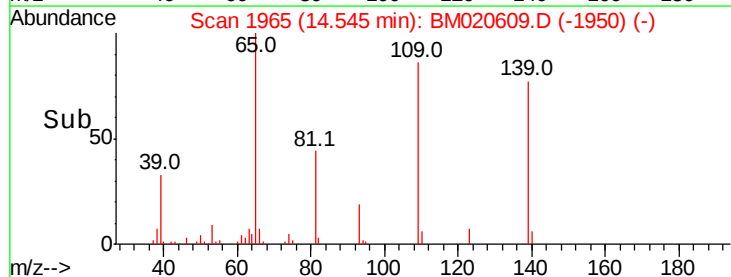
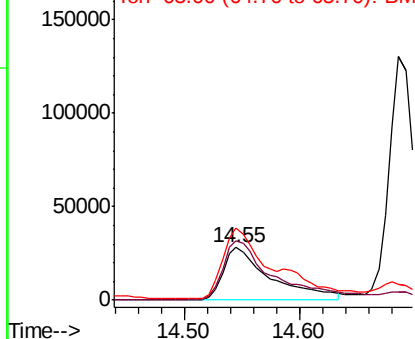


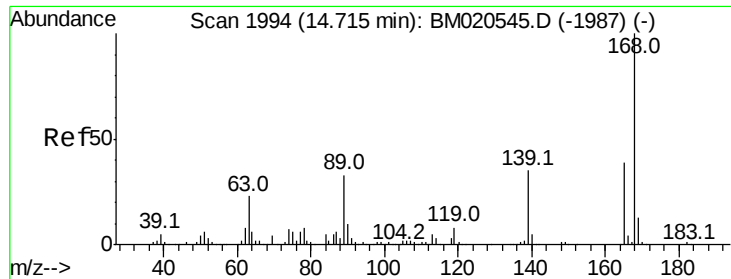
#56  
4-Nitrophenol  
Concen: 57.744 ng  
RT: 14.55 min Scan# 1965  
Delta R.T. -0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 112.4 | 89.4  | 129.4 |
| 65      | 136.1 | 113.3 | 153.3 |



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





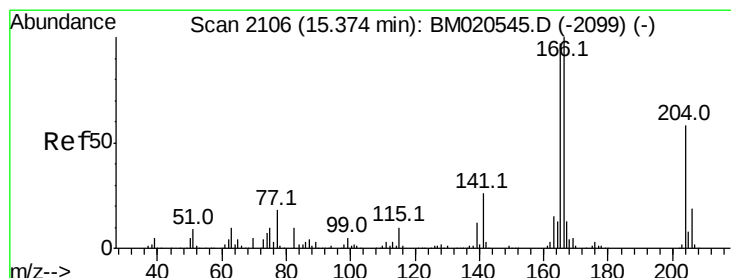
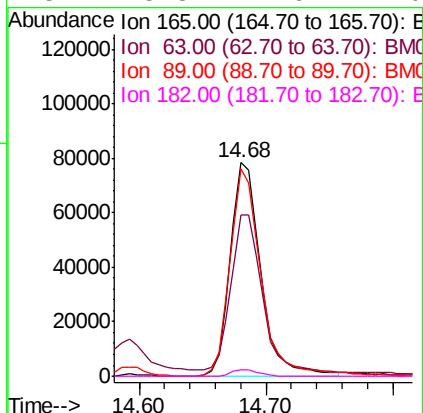
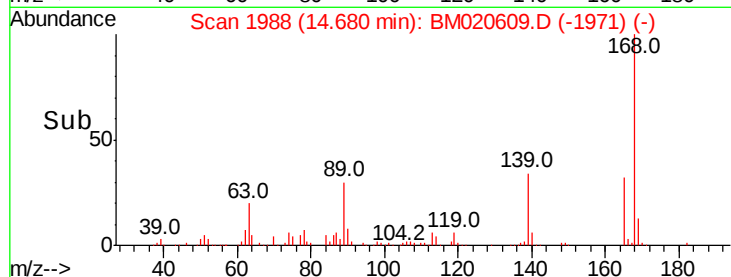
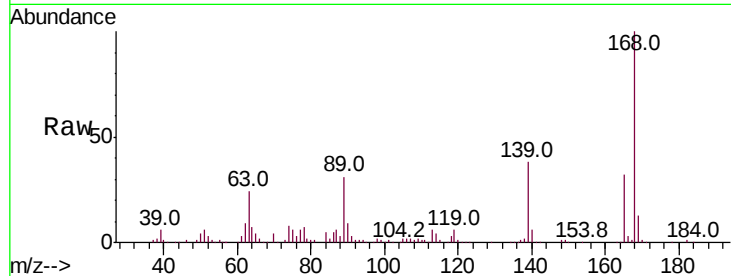
#57  
 2,4-Dinitrotoluene  
 Concen: 40.766 ng  
 RT: 14.68 min Scan# 1988  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 75.3  | 48.7  | 73.1# |
| 89      | 97.2  | 68.8  | 103.2 |
| 182     | 3.3   | 2.6   | 4.0   |

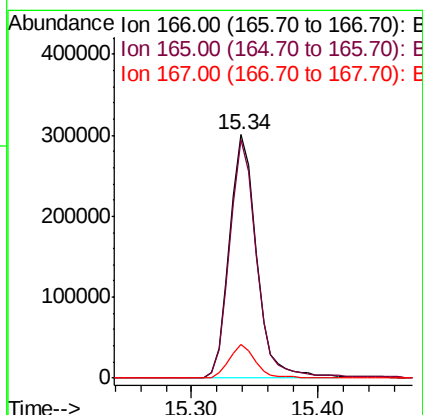
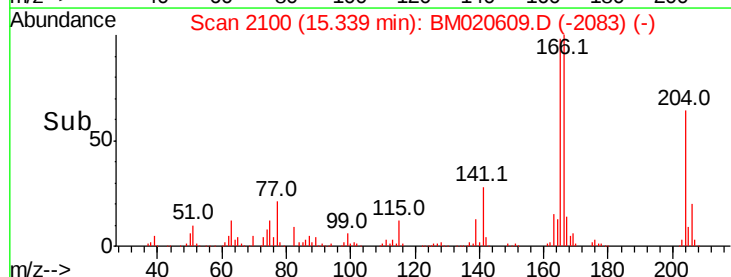
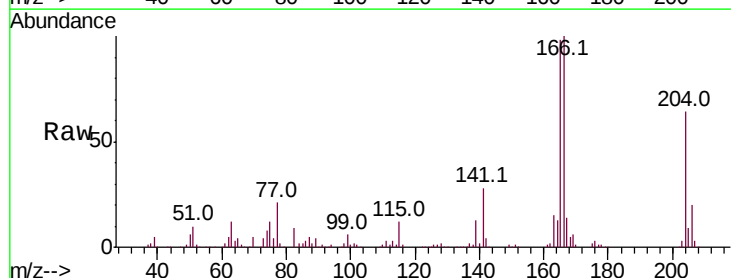
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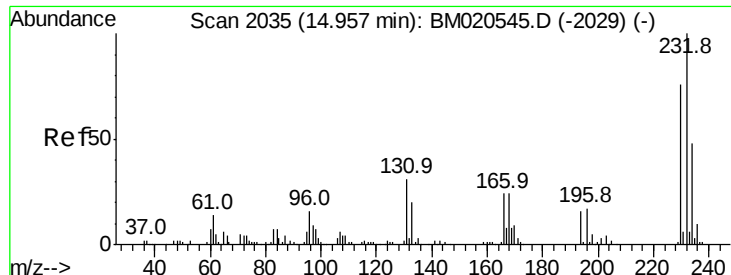
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#58  
 Fluorene  
 Concen: 43.306 ng  
 RT: 15.34 min Scan# 2100  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.1  | 77.4  | 116.0 |
| 167     | 13.7  | 10.6  | 16.0  |





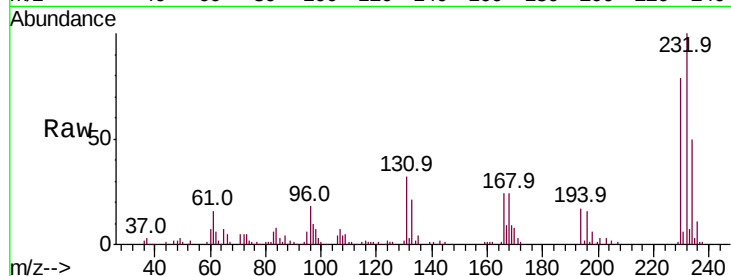
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.613 ng  
 RT: 14.92 min Scan# 2029  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 155067 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 33.1  | 25.4  | 38.0   |
| 130       | 2.1   | 1.5   | 2.3    |
| 166       | 25.3  | 19.7  | 29.5   |

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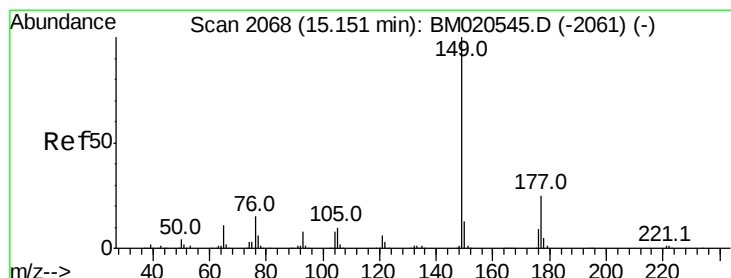
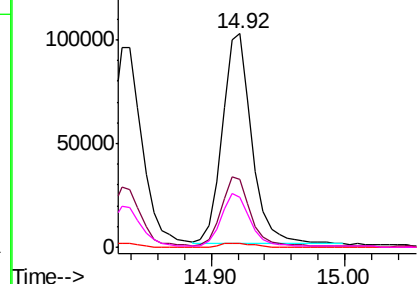
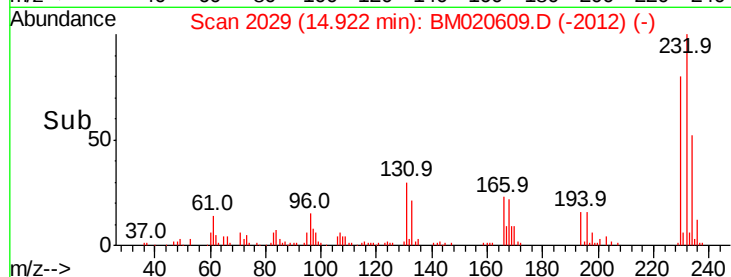
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

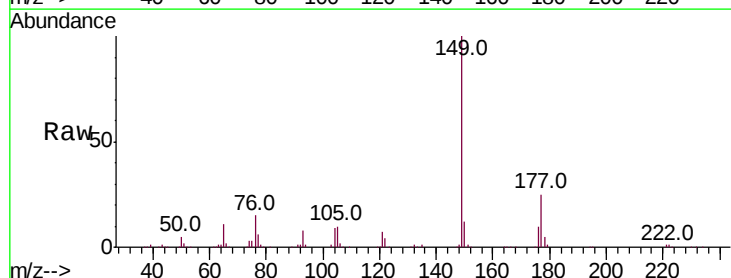
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 42.613 ng  
 RT: 15.12 min Scan# 2063  
 Delta R.T. 0.01 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 447243 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 24.7  | 19.8  | 29.8   |
| 150       | 12.4  | 10.2  | 15.2   |

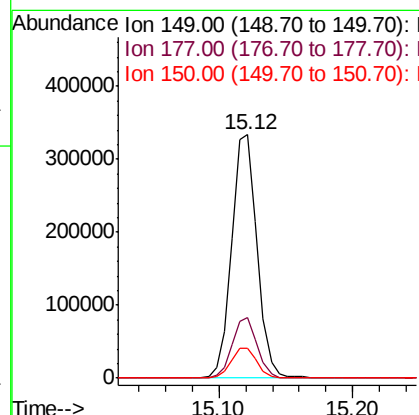
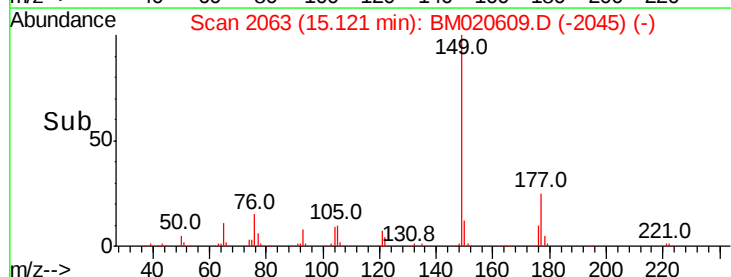


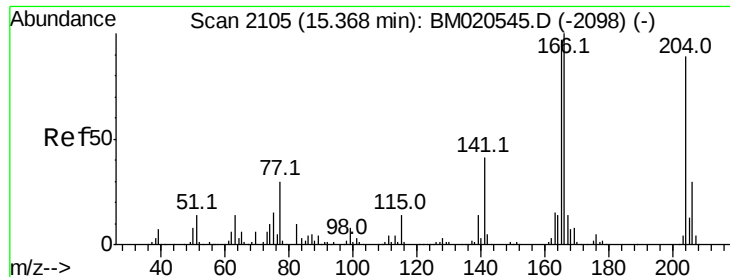
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





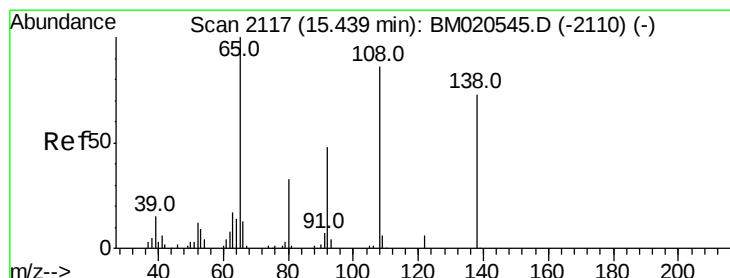
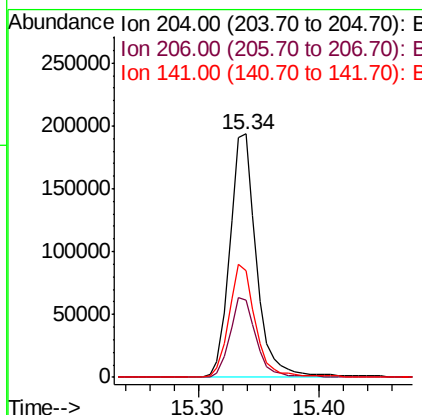
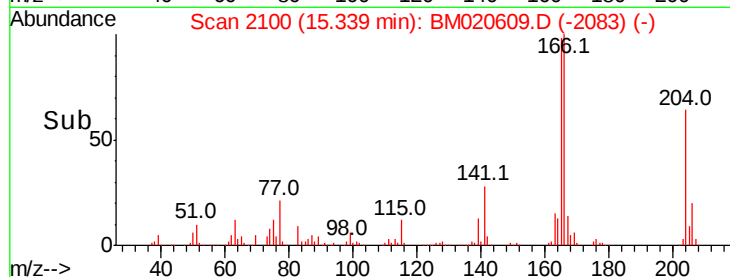
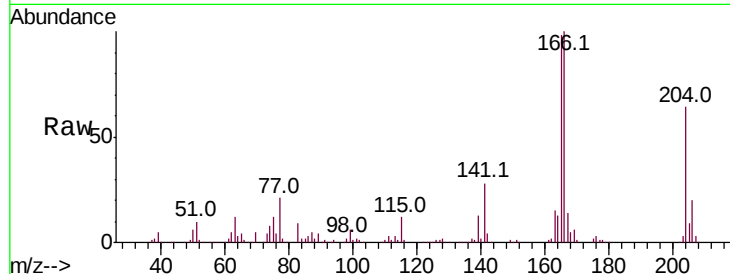
#61  
4-Chlorophenyl-phenylether  
Concen: 45.024 ng  
RT: 15.34 min Scan# 2100  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 297314 |       |       |
| 206     | 31.7  | 26.6   | 40.0  |       |
| 141     | 43.8  | 36.9   | 55.3  |       |

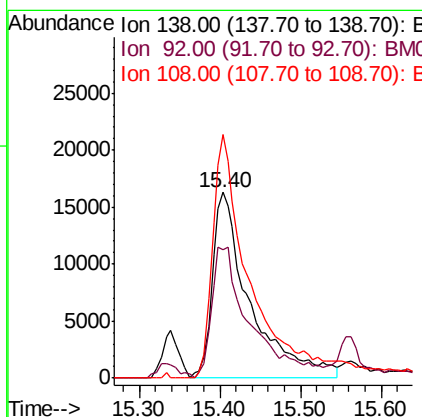
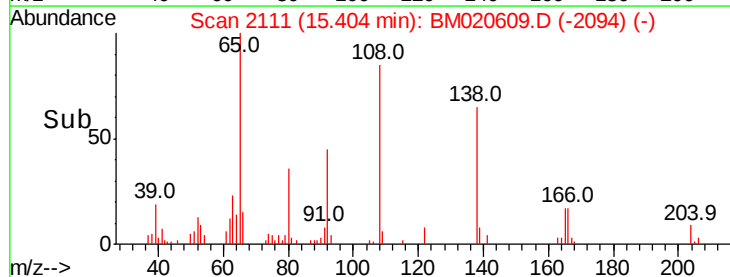
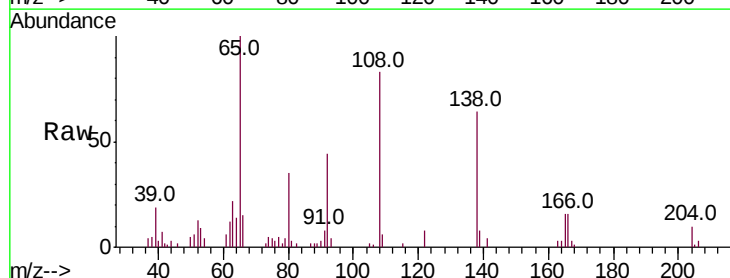
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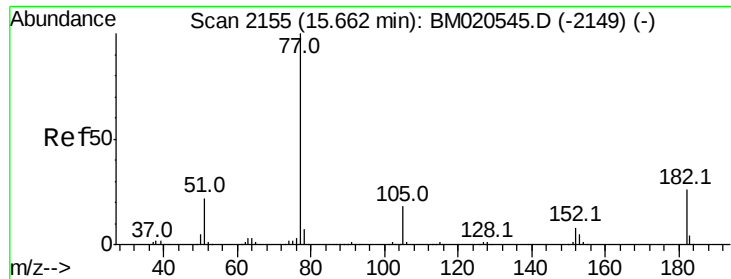
mohammad  
5/30/2019 8:16:42 AM



#62  
4-Nitroaniline  
Concen: 28.353 ng m  
RT: 15.40 min Scan# 2111  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 52914 |       |       |
| 92      | 69.4  | 44.5  | 84.5  |       |
| 108     | 131.3 | 95.9  | 135.9 |       |





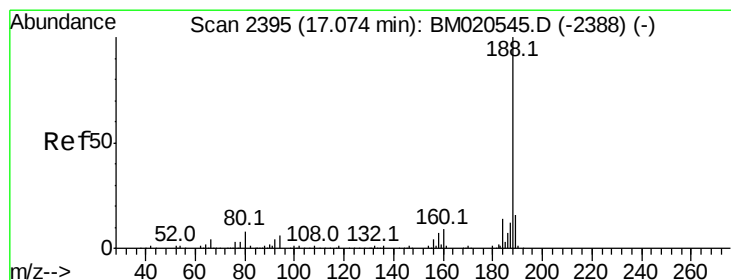
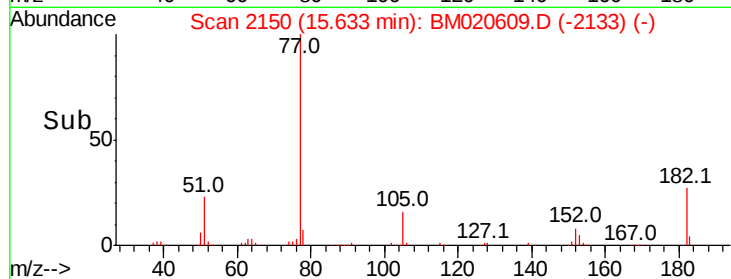
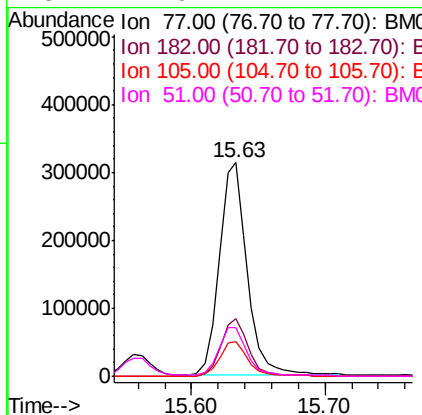
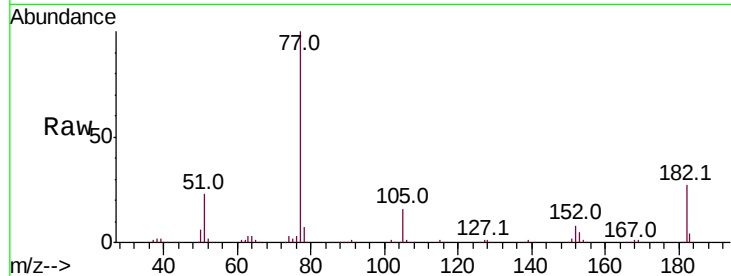
#63  
Azobenzene  
Concen: 44.915 ng  
RT: 15.63 min Scan# 2150  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.1  | 5.7   | 45.7  |
| 105     | 16.3  | 0.0   | 37.6  |
| 51      | 22.9  | 1.7   | 41.7  |

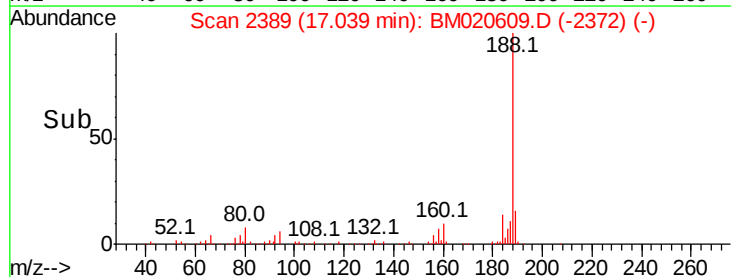
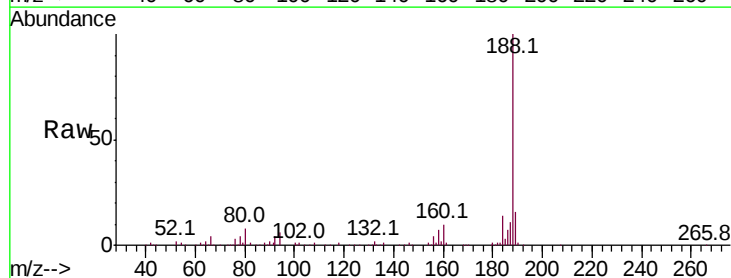
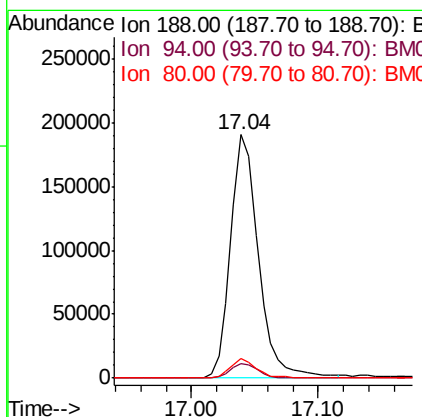
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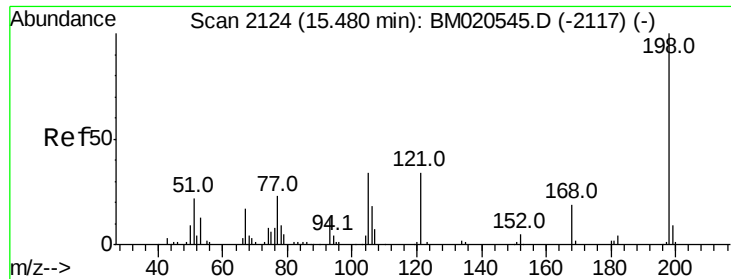
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.04 min Scan# 2389  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.1   | 5.0   | 7.4   |
| 80      | 8.1   | 6.5   | 9.7   |





#65

4,6-Dinitro-2-methylphenol

Concen: 33.182 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

OR-03-052319-AMS

Tot Ion:198 Resp: 57053

Ion Ratio Lower Upper

198 100

51 30.4 6.4 46.4

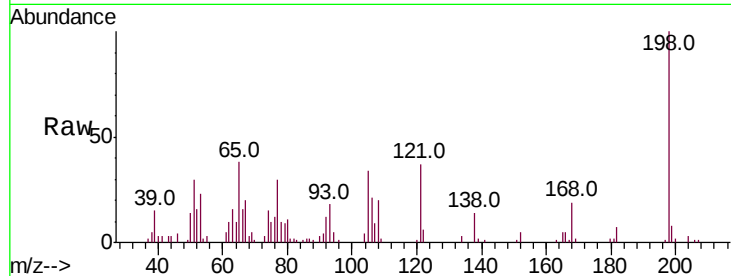
105 34.0 15.1 55.1

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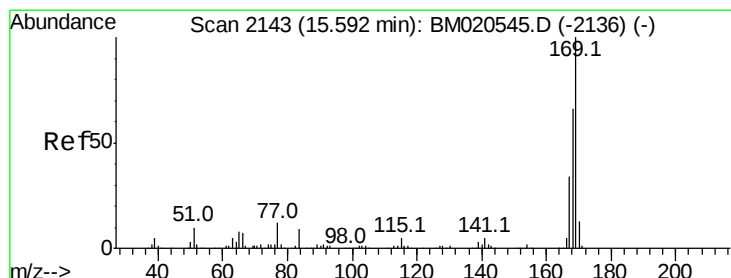
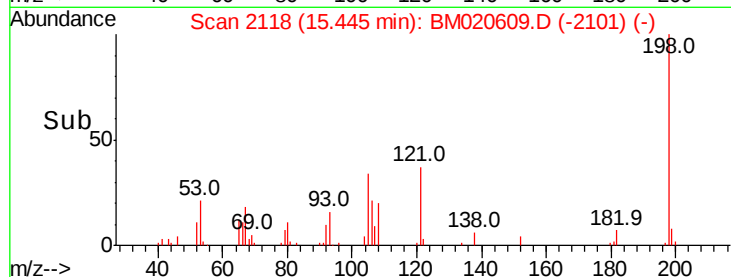
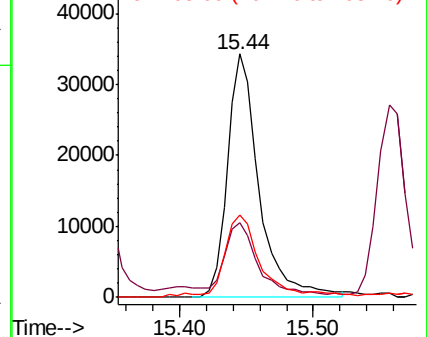
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.647 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

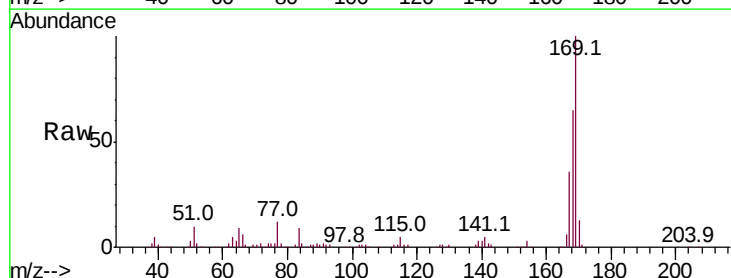
Tgt Ion:169 Resp: 384090

Ion Ratio Lower Upper

169 100

168 64.9 52.5 78.7

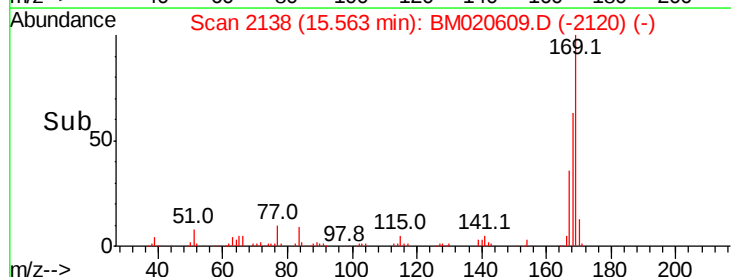
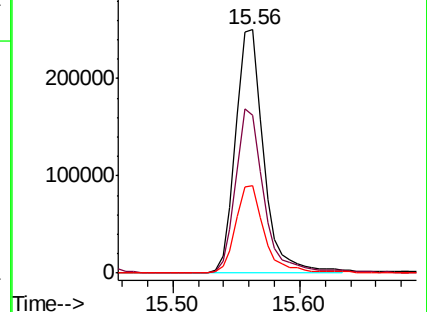
167 35.8 27.5 41.3

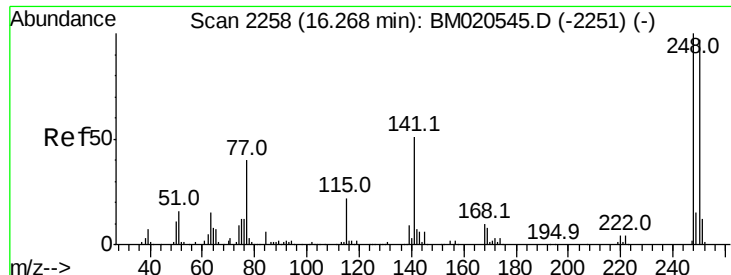


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 47.749 ng

RT: 16.23 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

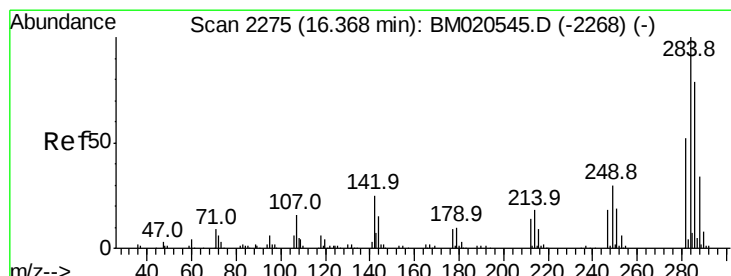
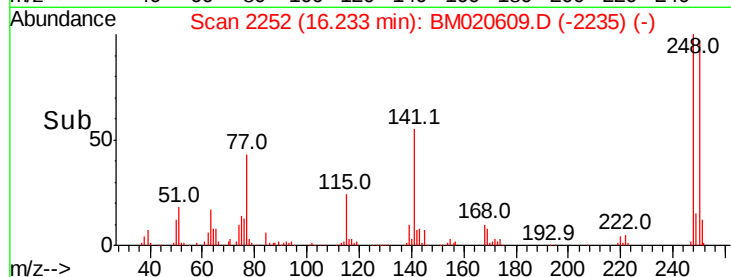
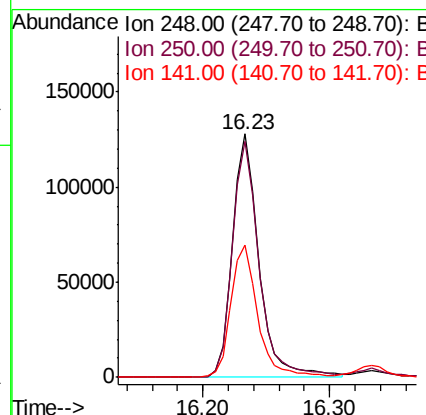
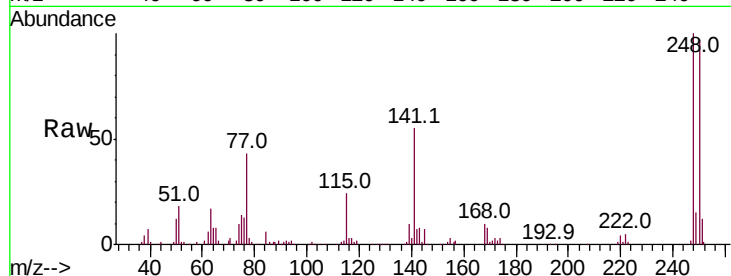
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 185223 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.2  | 77.8  | 116.6  |
| 141       | 54.5  | 41.0  | 61.6   |

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#68

Hexachlorobenzene

Concen: 47.615 ng

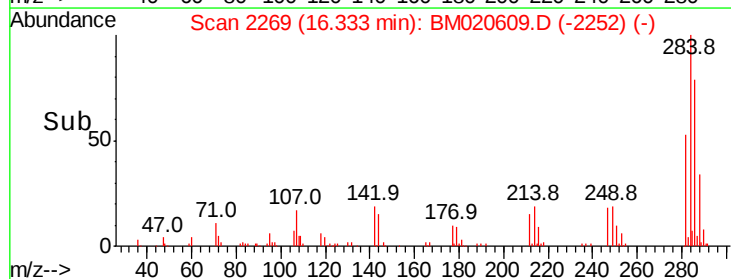
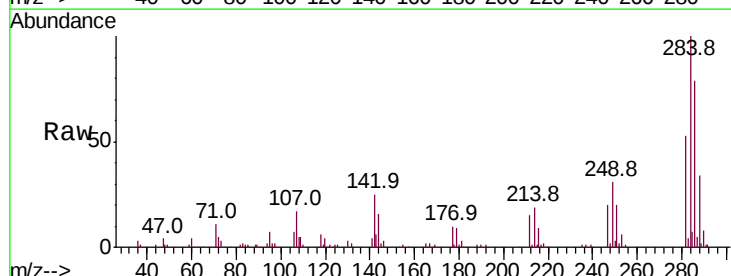
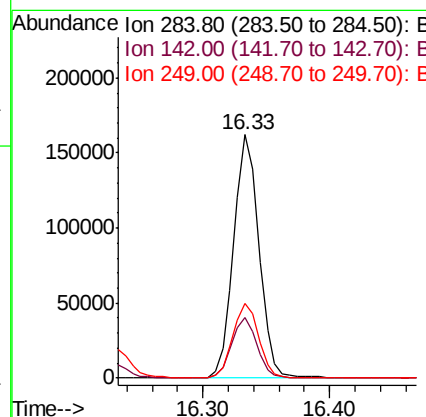
RT: 16.33 min Scan# 2269

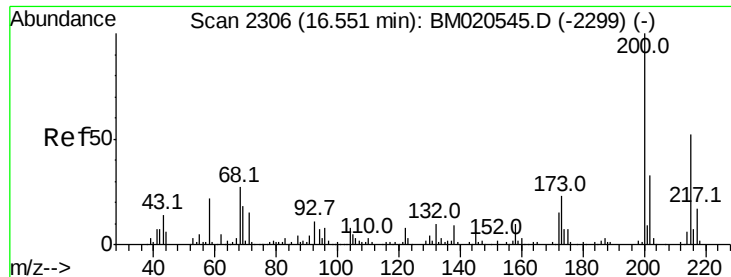
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 223944 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 24.9  | 20.2  | 30.2   |
| 249       | 30.6  | 23.9  | 35.9   |





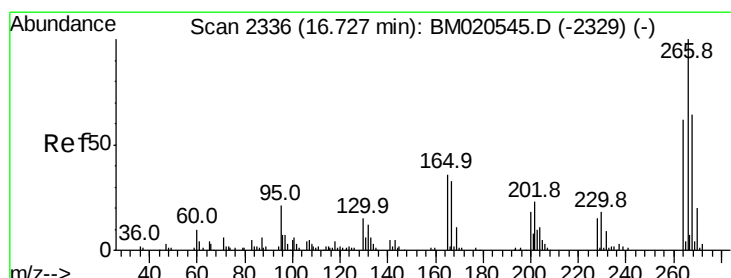
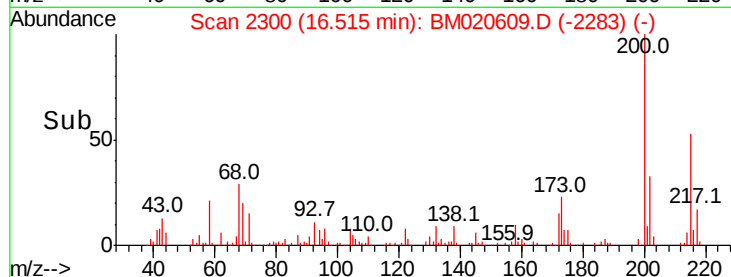
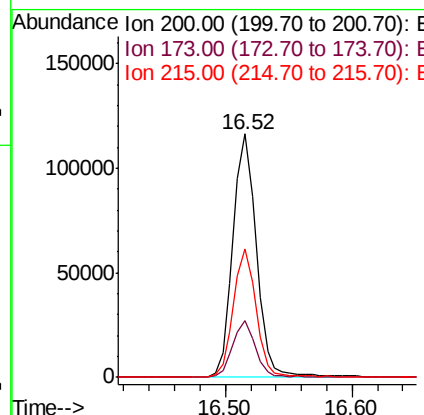
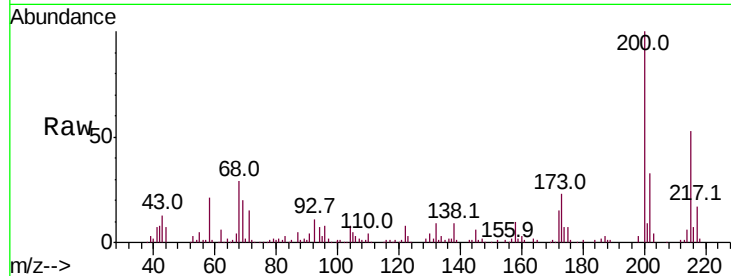
#69  
Atrazine  
Concen: 46.080 ng  
RT: 16.52 min Scan# 2300  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.3  | 3.2        | 43.2  |
| 215     | 53.0  | 31.7       | 71.7  |

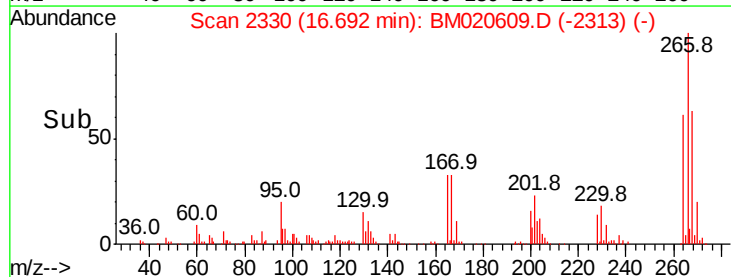
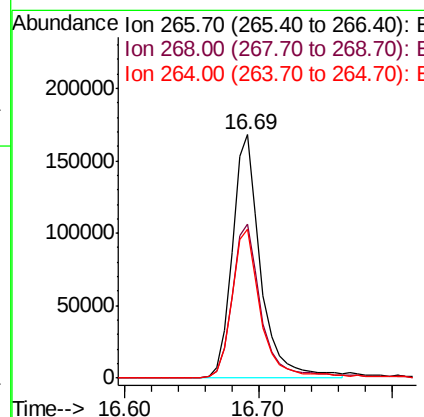
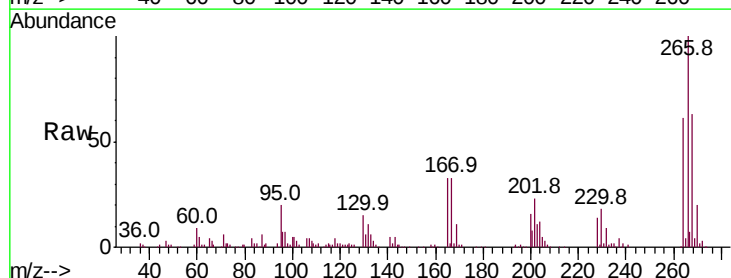
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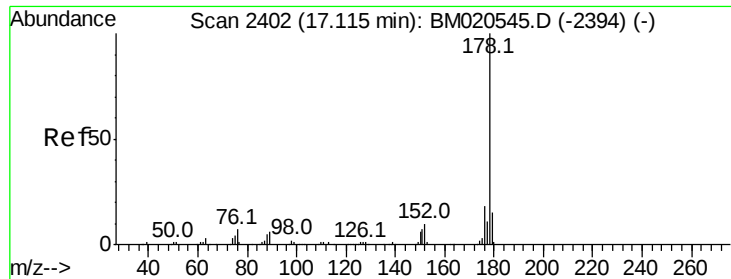
mohammad  
5/30/2019 8:16:42 AM



#70  
Pentachlorophenol  
Concen: 102.443 ng  
RT: 16.69 min Scan# 2330  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.0  | 51.0       | 76.4  |
| 264     | 61.0  | 49.8       | 74.8  |





#71

Phenanthrene

Concen: 45.373 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

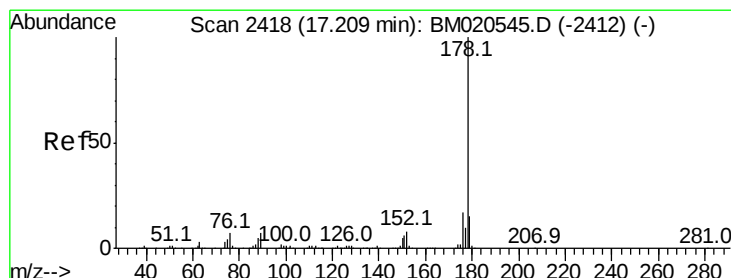
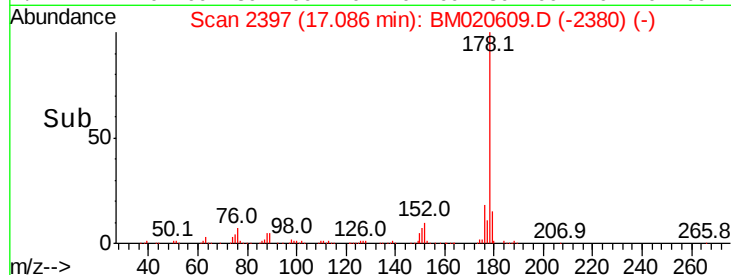
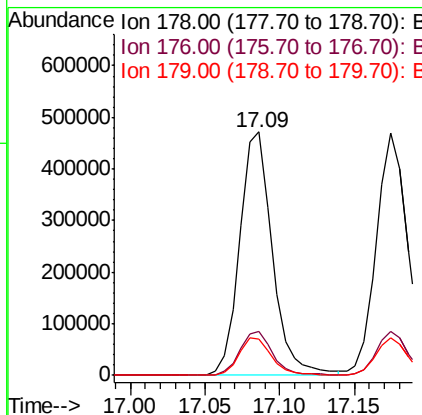
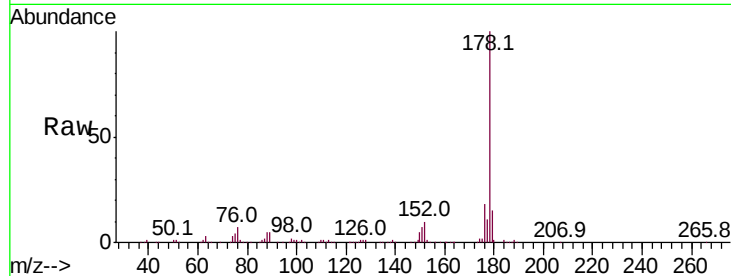
ClientSampleId :

OR-03-052319-AMS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 717744    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.0  | 14.7 22.1 |
| 179         | 15.0  | 12.2 18.2 |

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#72

Anthracene

Concen: 44.788 ng

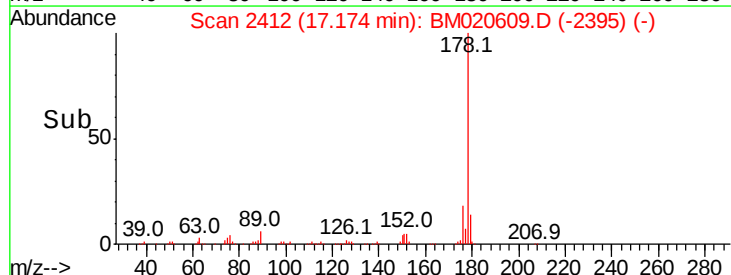
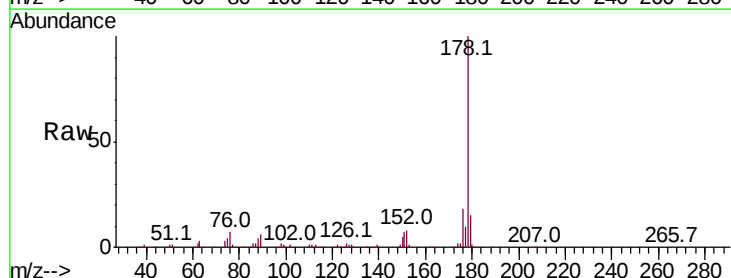
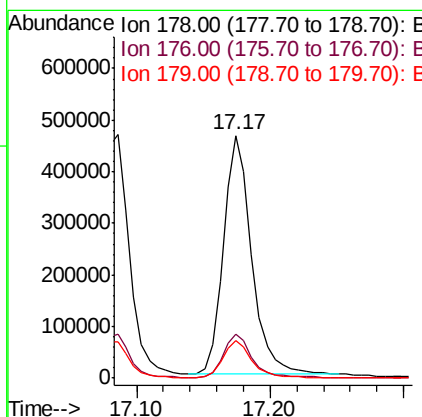
RT: 17.17 min Scan# 2412

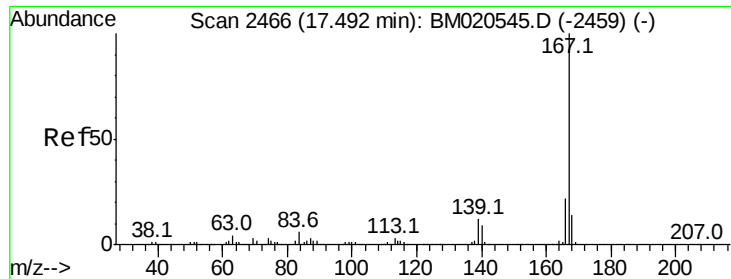
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 687086    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.1  | 14.0 21.0 |
| 179         | 15.4  | 12.4 18.6 |





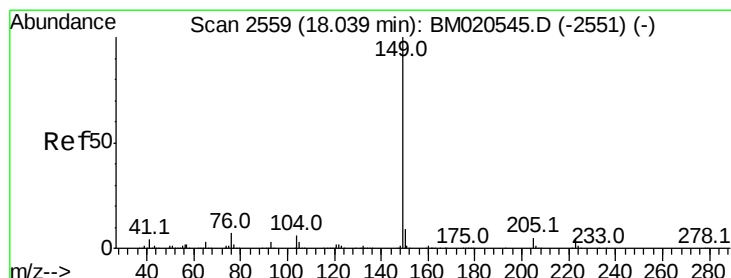
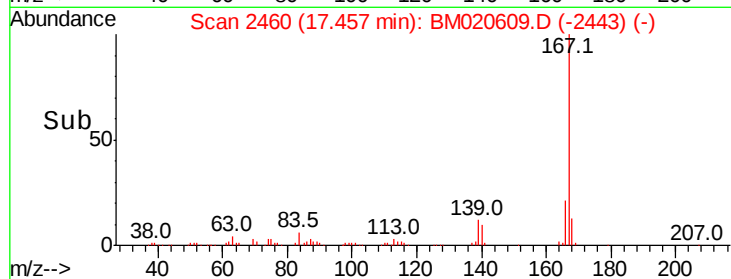
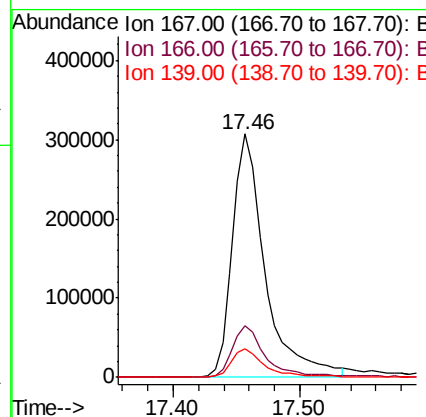
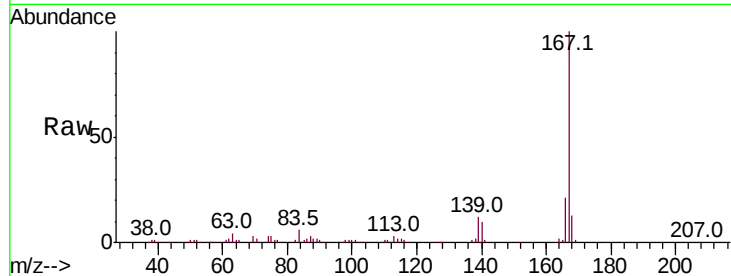
#73  
 Carbazole  
 Concen: 41.780 ng  
 RT: 17.46 min Scan# 2460  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.1  | 17.4  | 26.0  |
| 139     | 11.9  | 9.3   | 13.9  |

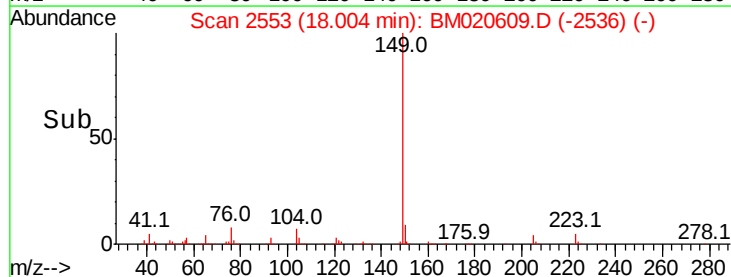
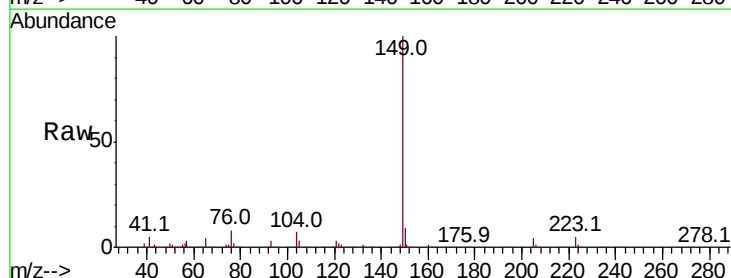
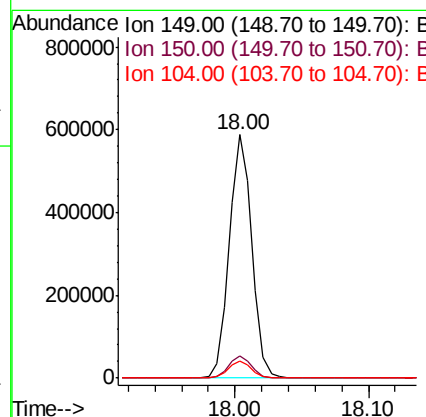
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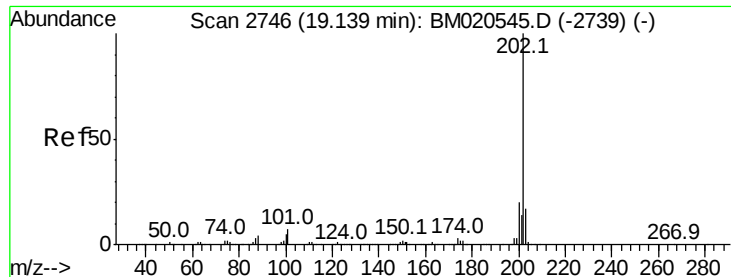
mohammad  
 5/30/2019 8:16:42 AM



#74  
 Di-n-butylphthalate  
 Concen: 43.353 ng  
 RT: 18.00 min Scan# 2553  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.3   | 10.9  |
| 104     | 6.8   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 43.594 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

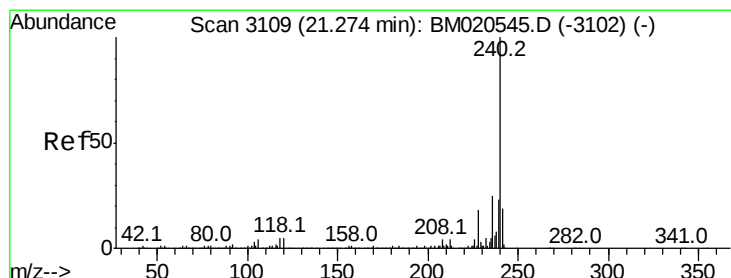
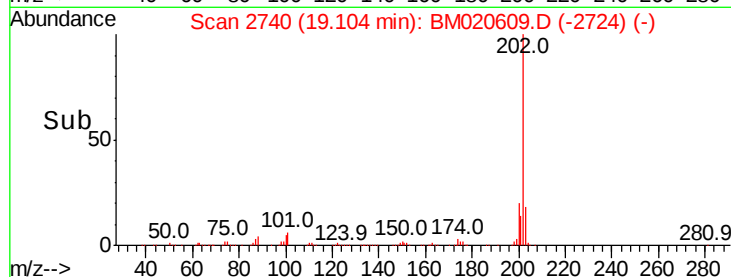
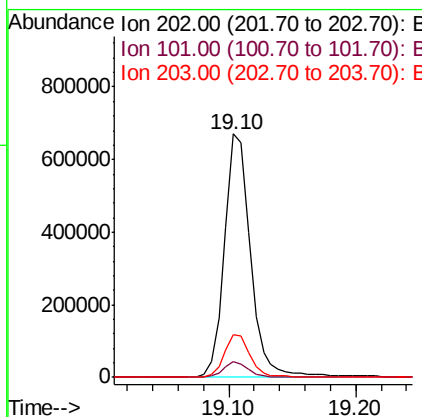
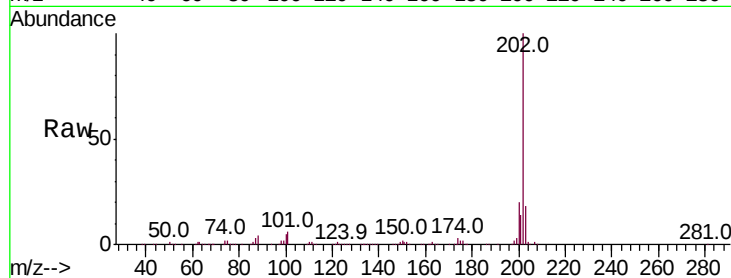
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 958974 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.4   | 0.0   | 26.7   |
| 203       | 17.8  | 0.0   | 37.4   |

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#76

Chrysene-d12

Concen: 20.000 ng

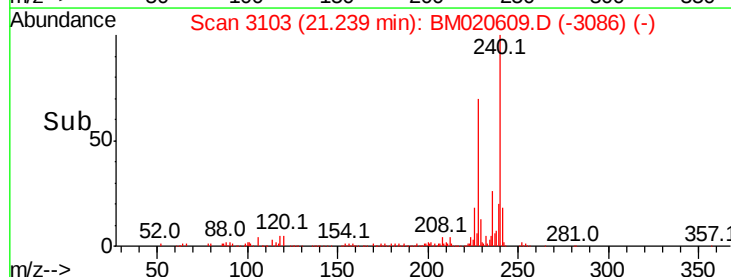
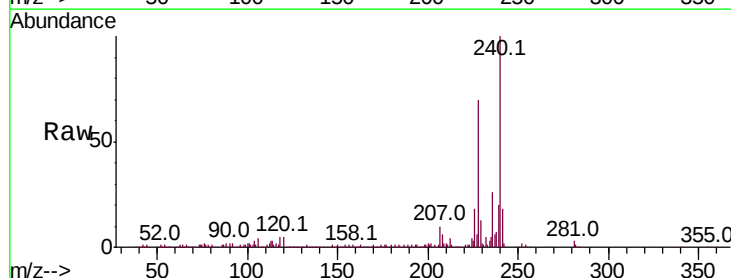
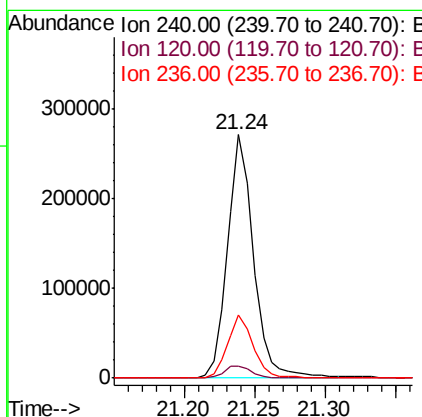
RT: 21.24 min Scan# 3103

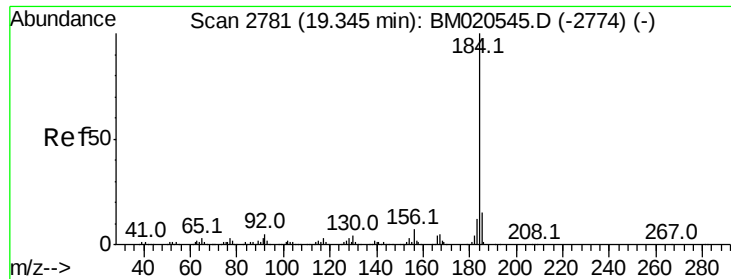
Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 348271 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 5.2   | 4.1   | 6.1    |
| 236       | 25.9  | 20.2  | 30.4   |





#77

Benzidine

Concen: 6.242 ng/mL

RT: 19.33 min Scan# 2779

Delta R.T. 0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

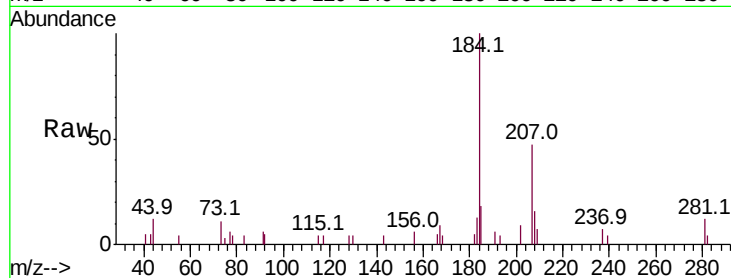
ClientSampleId :

OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 18.4  | 11.8  | 17.8  |
| 183     | 12.9  | 9.7   | 14.5  |

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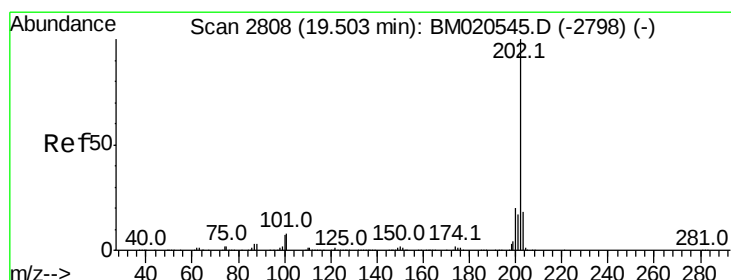
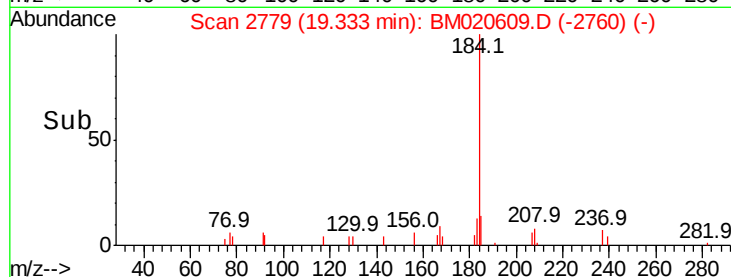
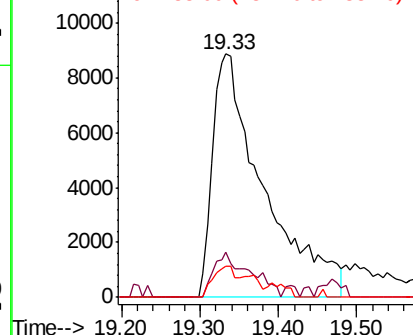


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.700 ng

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

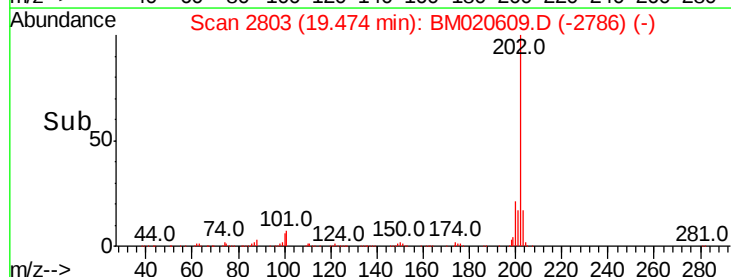
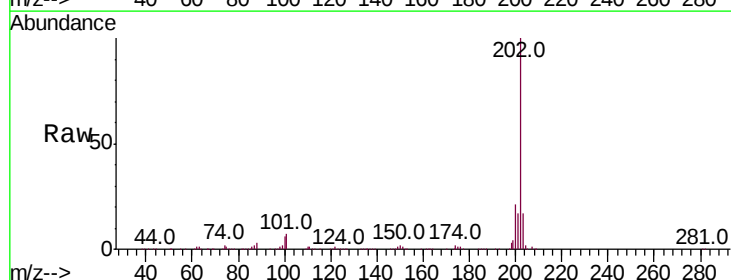
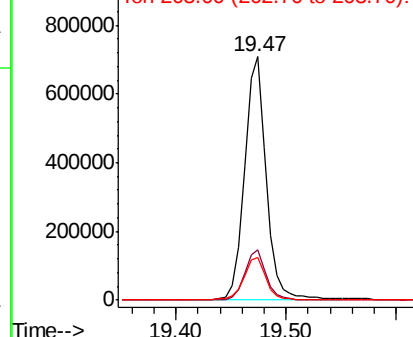
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.6  | 16.0  | 24.0  |
| 203     | 17.4  | 14.1  | 21.1  |

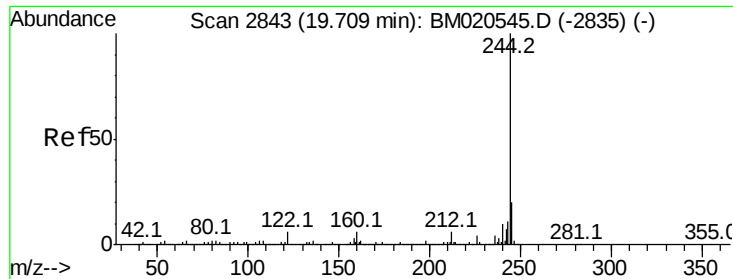
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





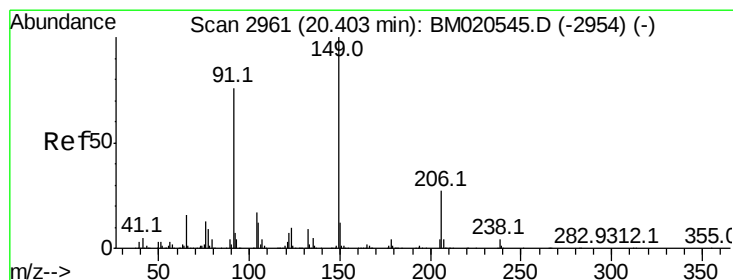
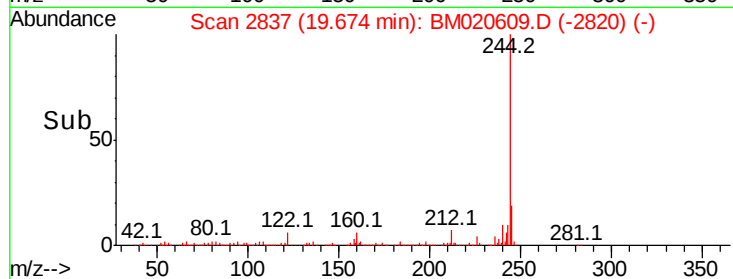
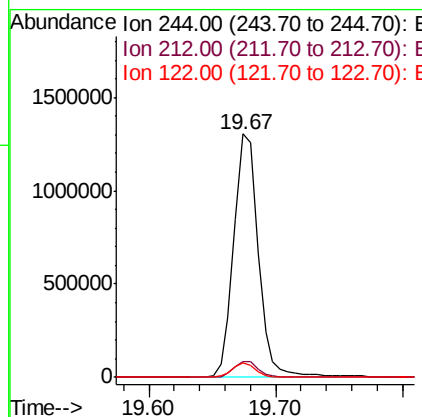
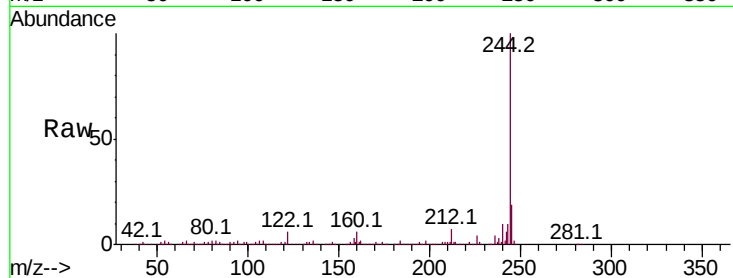
#79  
 Terphenyl-d14  
 Concen: 91.309 ng  
 RT: 19.67 min Scan# 2837  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.0   | 7.6   |
| 122     | 5.9   | 4.6   | 7.0   |

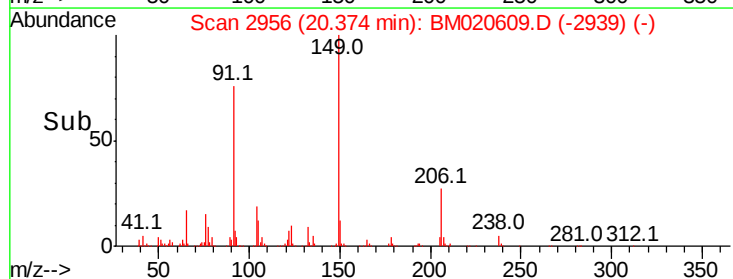
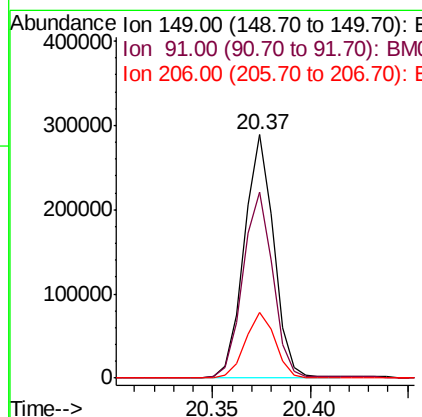
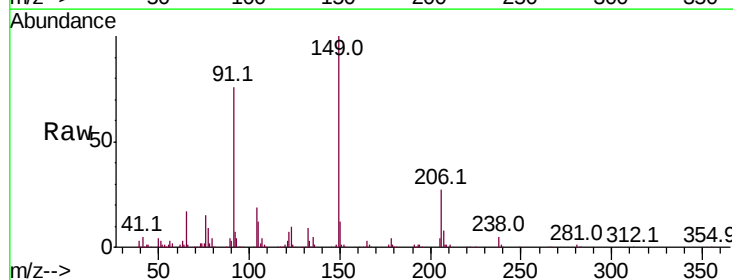
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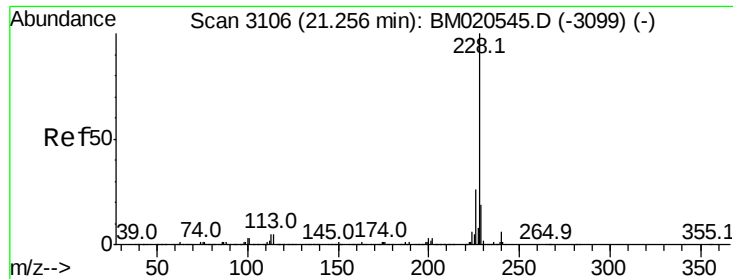
mohammad  
 5/30/2019 8:16:42 AM



#80  
 Butylbenzylphthalate  
 Concen: 39.620 ng  
 RT: 20.37 min Scan# 2956  
 Delta R.T. -0.00 min  
 Lab File: BM020609.D  
 Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.4  | 60.9  | 91.3  |
| 206     | 27.1  | 21.6  | 32.4  |





#81

Benzo(a)anthracene

Concen: 43.150 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

OR-03-052319-AMS

Tot Ion:228 Resp: 1040082

Ion Ratio Lower Upper

228 100

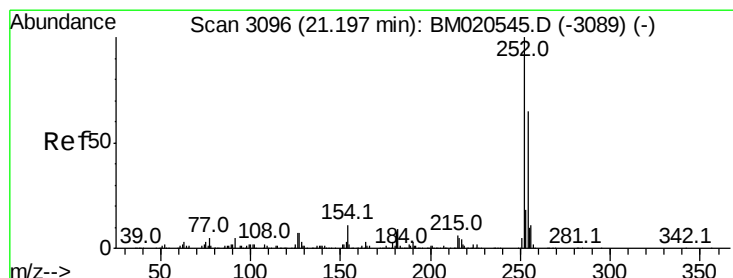
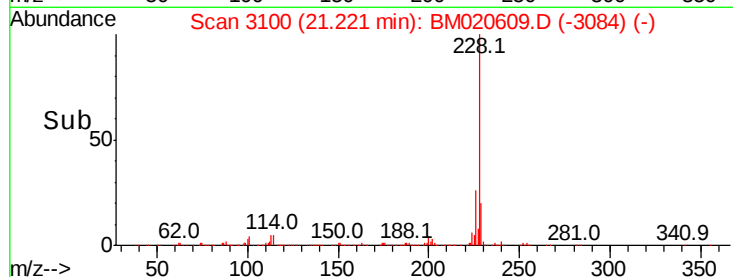
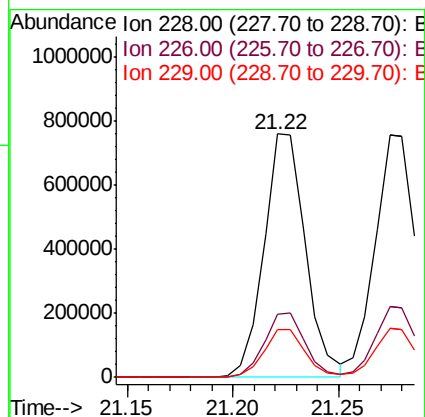
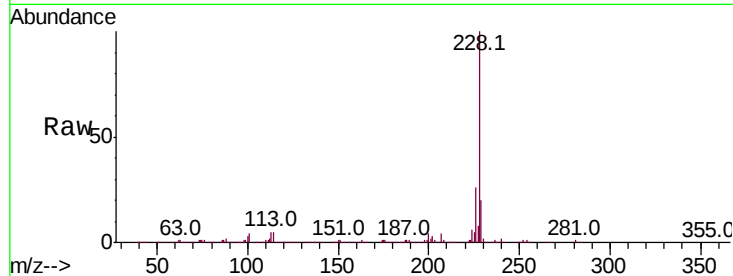
226 25.9 20.7 31.1

229 19.5 15.5 23.3

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#82

3,3'-Dichlorobenzidine

Concen: 27.248 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

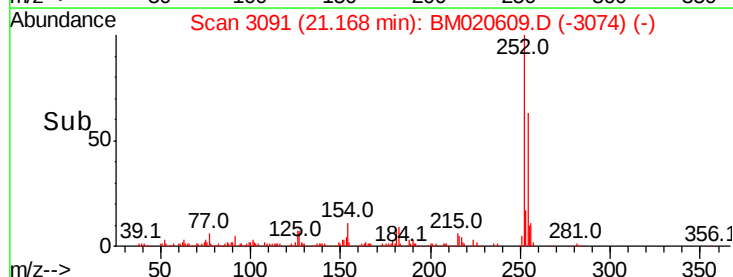
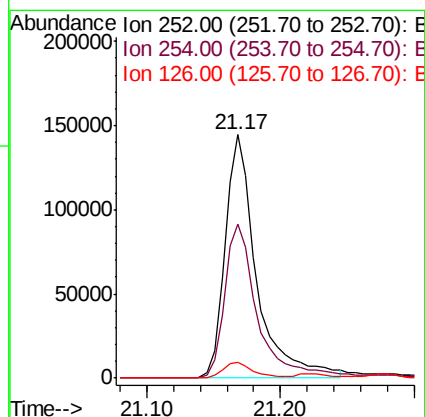
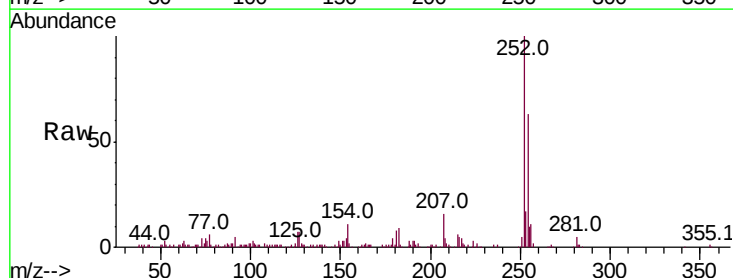
Tgt Ion:252 Resp: 239726

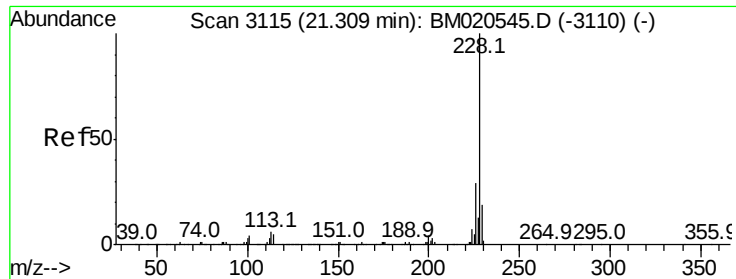
Ion Ratio Lower Upper

252 100

254 63.2 51.8 77.6

126 6.7 5.2 7.8





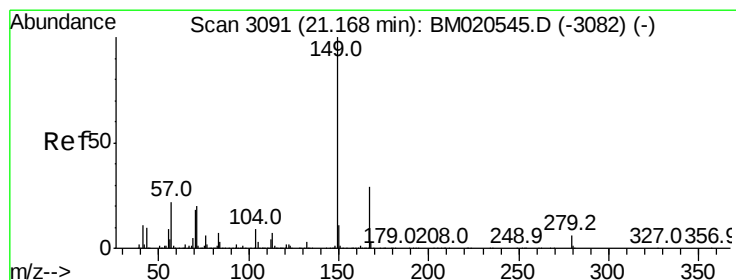
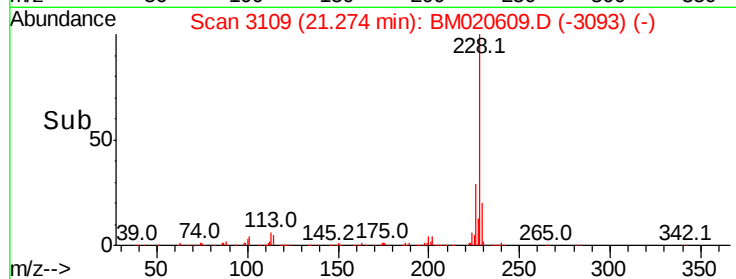
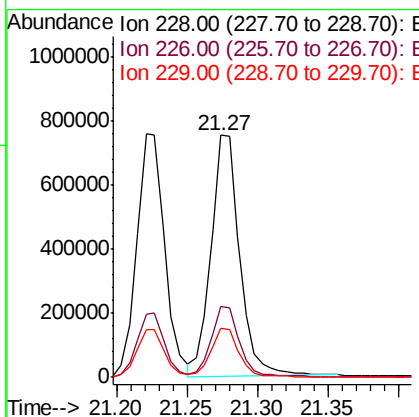
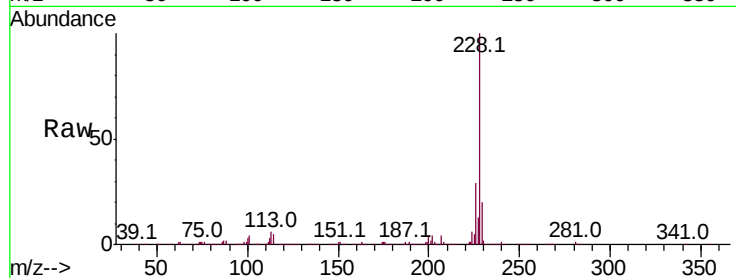
#83  
Chrysene  
Concen: 45.519 ng  
RT: 21.27 min Scan# 3109  
Delta R.T. -0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.1  | 22.9  | 34.3  |
| 229     | 20.3  | 15.4  | 23.2  |

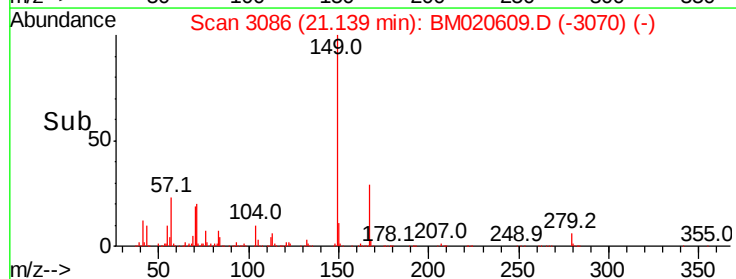
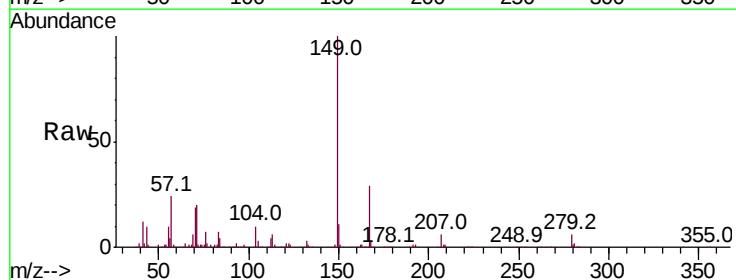
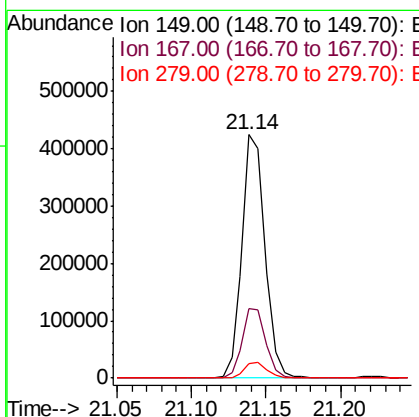
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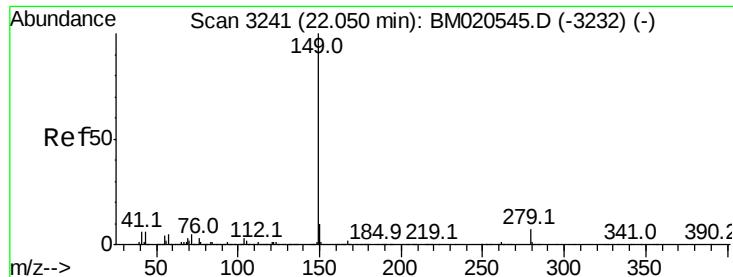
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.661 ng  
RT: 21.14 min Scan# 3086  
Delta R.T. -0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.7  | 22.9  | 34.3  |
| 279     | 6.1   | 4.9   | 7.3   |





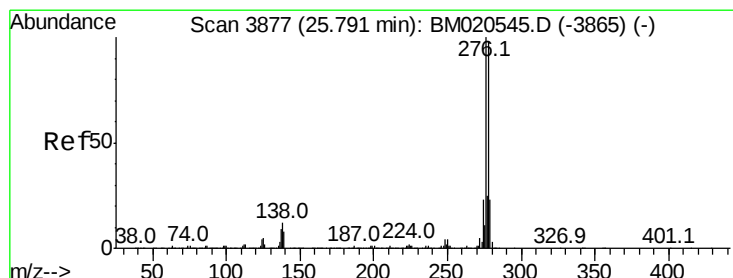
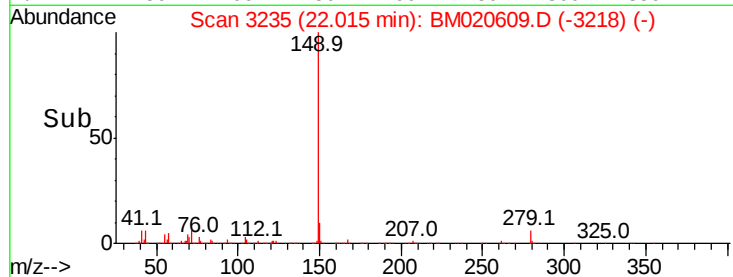
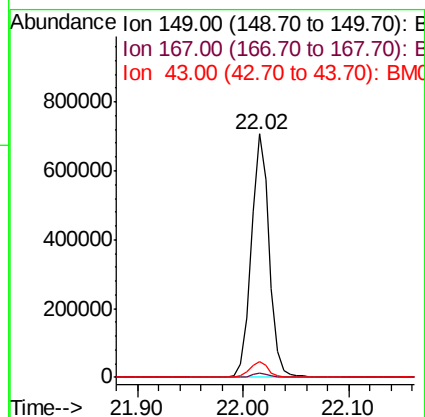
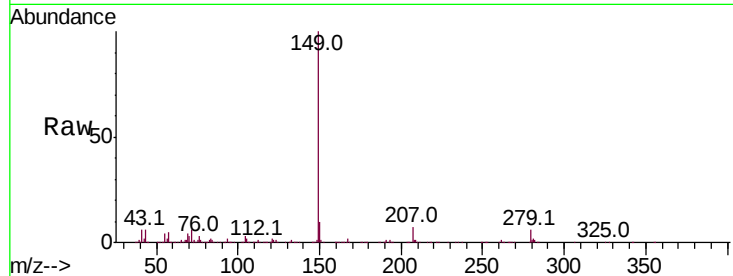
#85  
Di-n-octyl phthalate  
Concen: 42.617 ng  
RT: 22.02 min Scan# 3235  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.7   | 1.4  | 2.0   |       |
| 43      | 6.2   | 4.8  | 7.2   |       |

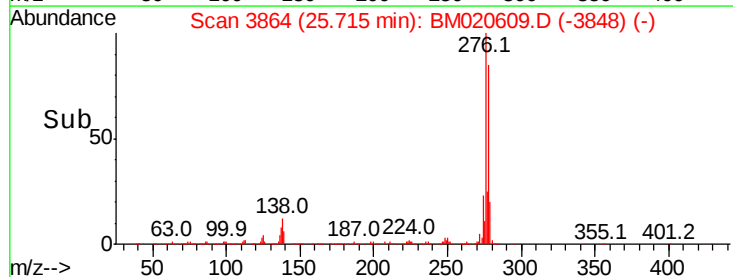
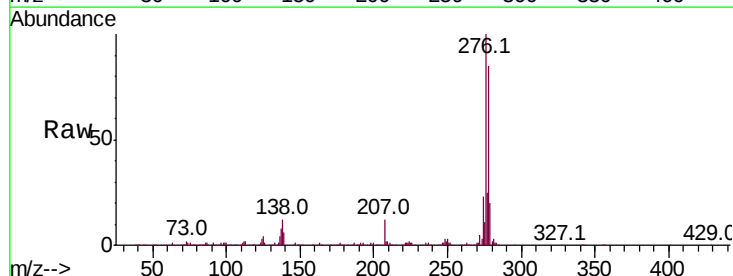
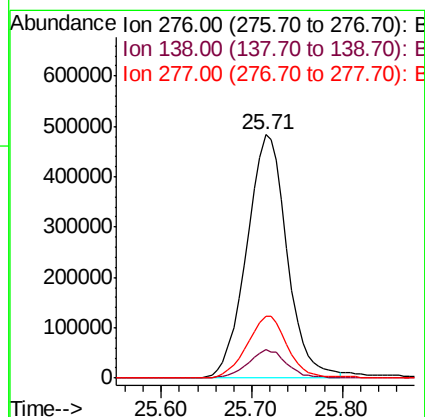
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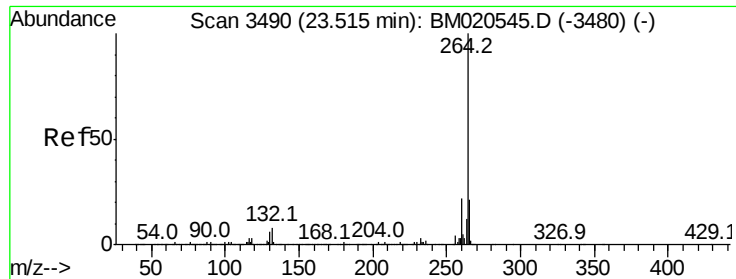
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.067 ng  
RT: 25.71 min Scan# 3864  
Delta R.T. -0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 11.2  | 9.7  | 14.5  |       |
| 277     | 25.4  | 20.4 | 30.6  |       |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

Instrument :

BNA\_M

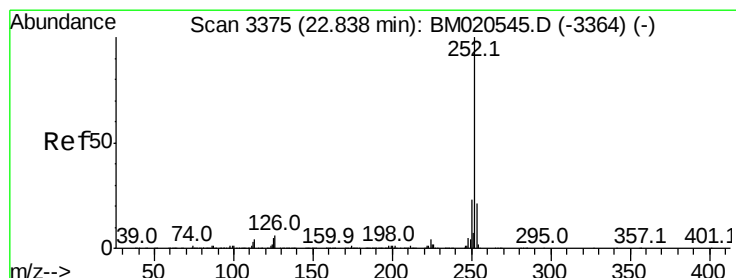
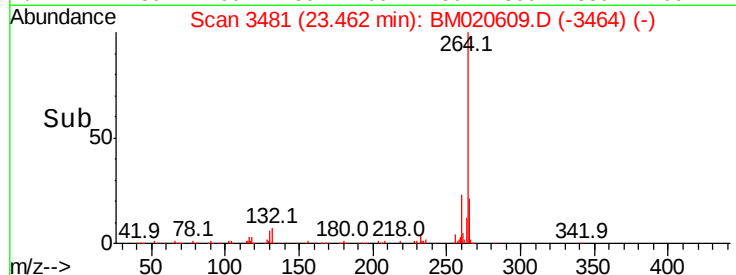
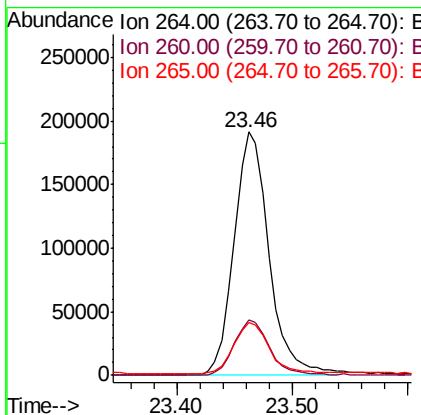
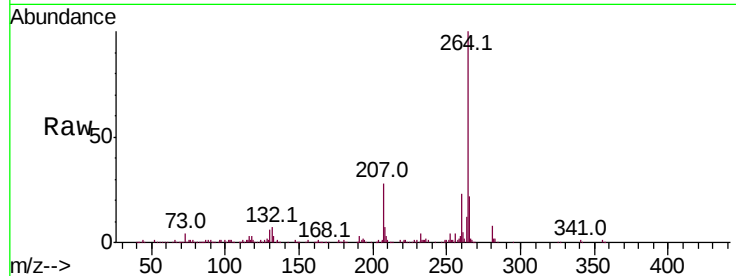
ClientSampleId :

OR-03-052319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 403081 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.7  | 17.7  | 26.5   |
| 265       | 21.8  | 17.4  | 26.2   |

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#88

Benzo(b)fluoranthene

Concen: 44.801 ng

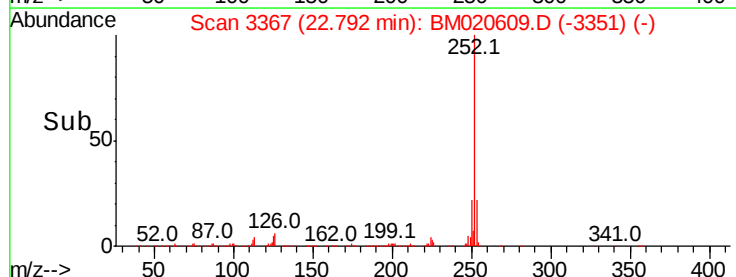
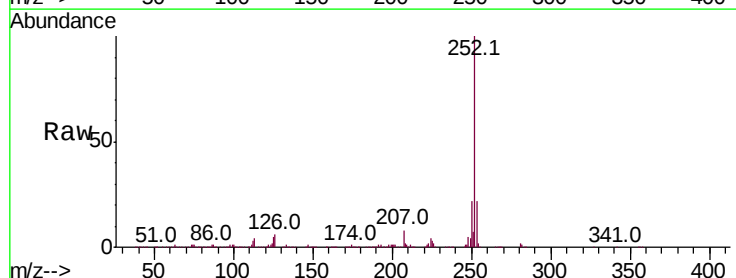
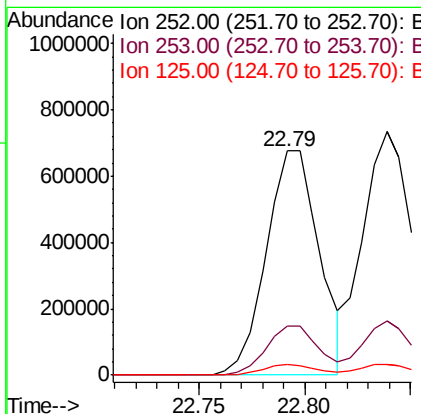
RT: 22.79 min Scan# 3367

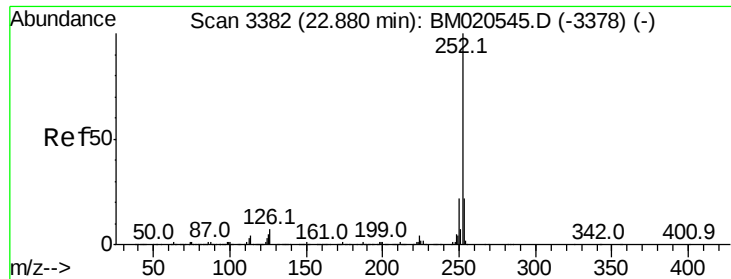
Delta R.T. -0.01 min

Lab File: BM020609.D

Acq: 29 May 2019 21:02

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1181936 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 21.9  | 17.1  | 25.7    |
| 125       | 4.7   | 3.8   | 5.8     |





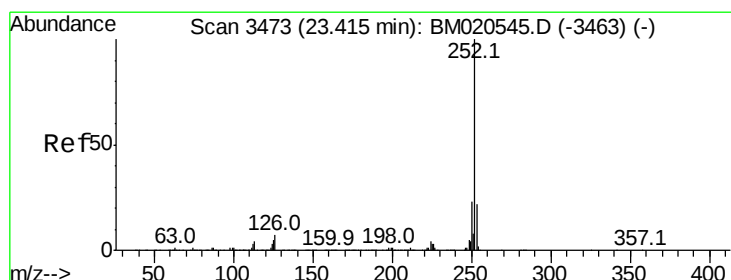
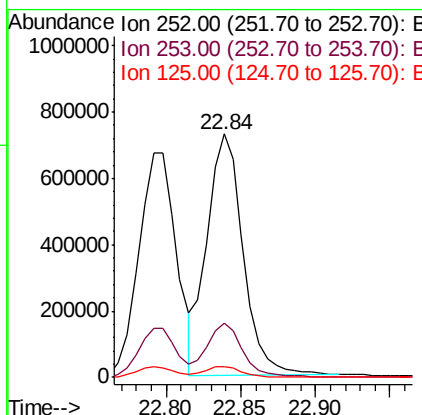
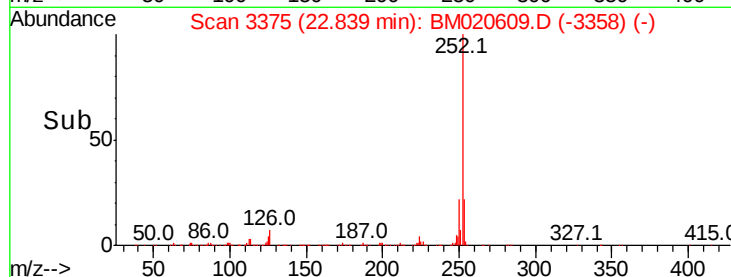
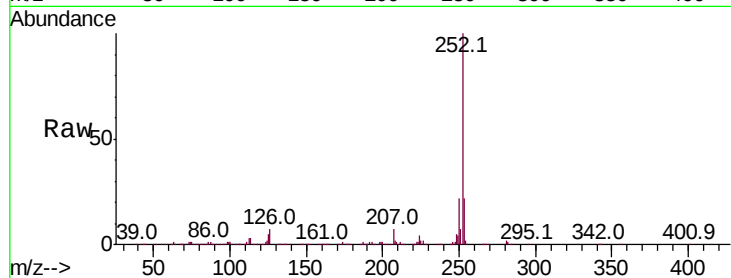
#89  
Benzo(k)fluoranthene  
Concen: 48.129 ng  
RT: 22.84 min Scan# 3375  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.6  | 26.4  |
| 125     | 4.5   | 4.2   | 6.4   |

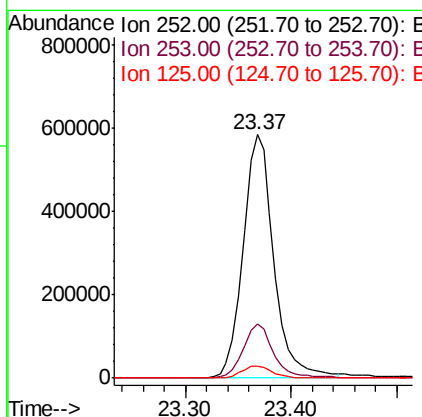
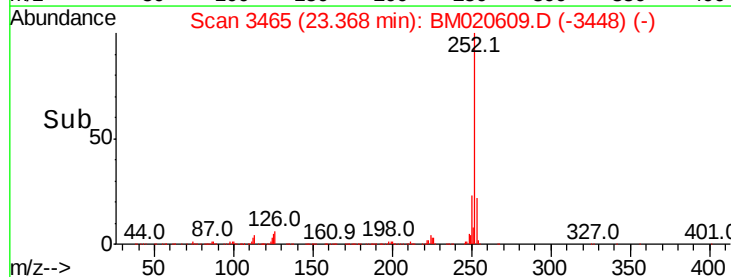
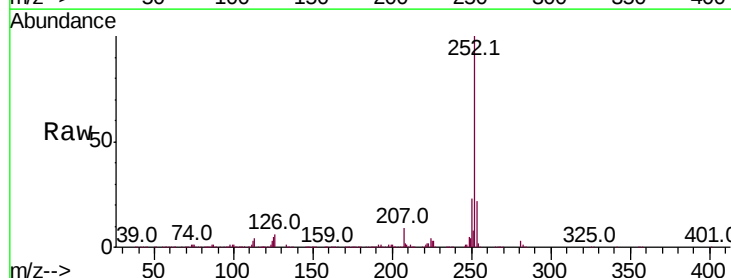
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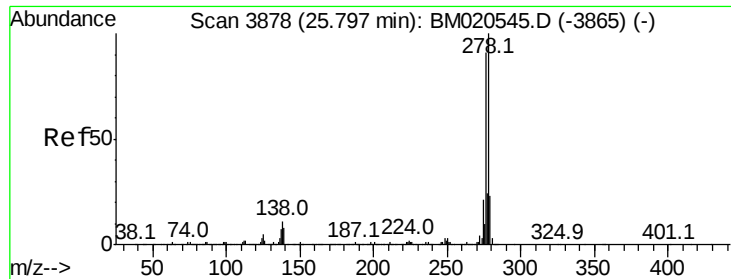
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#90  
Benzo(a)pyrene  
Concen: 48.495 ng  
RT: 23.37 min Scan# 3465  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.2  |
| 125     | 5.0   | 4.2   | 6.4   |





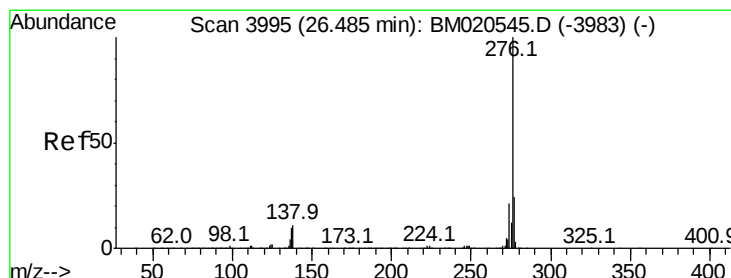
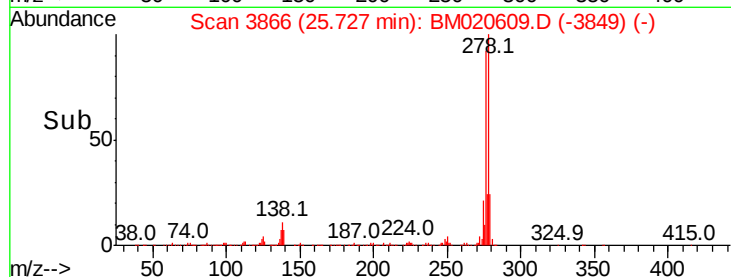
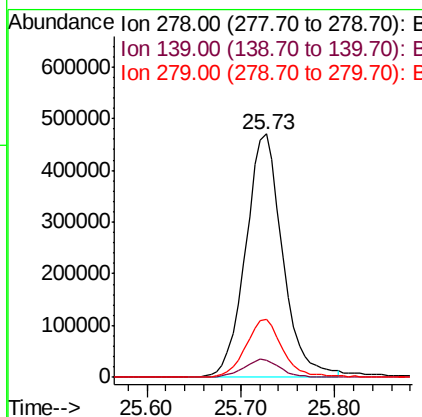
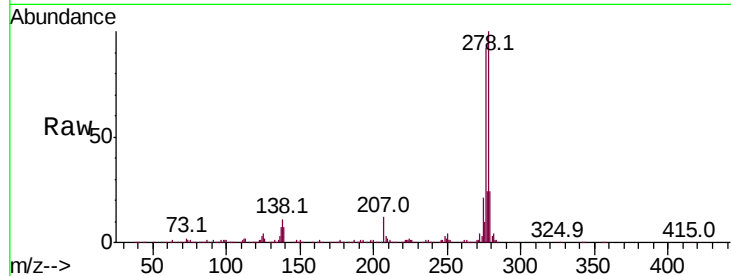
#91  
Dibenzo(a,h)anthracene  
Concen: 51.546 ng  
RT: 25.73 min Scan# 3866  
Delta R.T. -0.00 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
OR-03-052319-AMS

Tot Ion:278 Resp: 1280990  
Ion Ratio Lower Upper  
278 100  
139 7.1 6.3 9.5  
279 24.1 18.3 27.5

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#92  
Benzo(g,h,i)perylene  
Concen: 53.812 ng  
RT: 26.41 min Scan# 3982  
Delta R.T. 0.01 min  
Lab File: BM020609.D  
Acq: 29 May 2019 21:02

Tgt Ion:276 Resp: 1239639  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.1 28.7  
138 9.6 8.6 12.8

