

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\  
 Data File : BG044729.D  
 Acq On : 12 Mar 2020 10:53  
 Operator : CG/JU  
 Sample : PB127439BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB127439BS

Manual Integrations  
 APPROVED

mohammad  
 3/16/2020 1:48:08 PM

Quant Time: Mar 13 06:46:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 16:27:39 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 108475   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 441565   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 296393   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 667752   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.71 | 240  | 568467   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.93 | 264  | 555625   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.63  | 112 | 895332  | 128.49 | ng | 0.00 |
| 7) Phenol-d6                | 7.21  | 99  | 1261102 | 124.56 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.22  | 82  | 708541  | 70.41  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330 | 462128  | 119.08 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.32 | 172 | 1466627 | 70.86  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.04 | 244 | 2152742 | 70.84  | ng | 0.00 |

|                                |       |     |         |        |        |      |
|--------------------------------|-------|-----|---------|--------|--------|------|
| Target Compounds               |       |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.52  | 88  | 130144  | 38.784 | ng     | 97   |
| 3) Pyridine                    | 3.91  | 79  | 312031  | 31.411 | ng     | 98   |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 160921  | 42.695 | ng     | # 95 |
| 6) Aniline                     | 7.38  | 93  | 401515  | 31.871 | ng     | 96   |
| 8) 2-Chlorophenol              | 7.62  | 128 | 324446  | 46.642 | ng     | 98   |
| 9) Benzaldehyde                | 7.18  | 77  | 148423  | 20.665 | ng     | 95   |
| 10) Phenol                     | 7.24  | 94  | 472444  | 47.134 | ng     | 97   |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 341040  | 42.632 | ng     | 99   |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 339428  | 39.611 | ng     | 98   |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 342812  | 40.466 | ng     | 99   |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 324016  | 40.328 | ng     | 93   |
| 15) Benzyl Alcohol             | 8.29  | 79  | 359350  | 44.237 | ng     | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 550160  | 38.971 | ng     | 99   |
| 17) 2-Methylphenol             | 8.49  | 107 | 316115  | 46.558 | ng     | 93   |
| 18) Hexachloroethane           | 9.15  | 117 | 133630  | 40.066 | ng     | 96   |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 287148  | 40.166 | ng     | 99   |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 435063  | 46.483 | ng     | 99   |
| 22) Acetophenone               | 8.88  | 105 | 509258  | 40.710 | ng     | 99   |
| 24) Nitrobenzene               | 9.26  | 77  | 434767  | 41.640 | ng     | 97   |
| 25) Isophorone                 | 9.79  | 82  | 809208  | 41.203 | ng     | 98   |
| 26) 2-Nitrophenol              | 9.97  | 139 | 166633  | 46.203 | ng     | 97   |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 326382  | 51.032 | ng     | 96   |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 462178  | 39.433 | ng     | 98   |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 336492  | 45.045 | ng     | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 348030  | 38.964 | ng     | 99   |
| 31) Naphthalene                | 10.92 | 128 | 1002432 | 40.981 | ng     | 99   |
| 32) Benzoic acid               | 10.16 | 122 | 209693  | 43.278 | ng     | 83   |
| 33) 4-Chloroaniline            | 11.01 | 127 | 232893  | 21.133 | ng     | 97   |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 226812  | 38.613 | ng     | 97   |
| 35) Caprolactam                | 11.78 | 113 | 126642m | 44.776 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 396287  | 44.480 | ng     | 98   |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 752401  | 41.121 | ng     | 98   |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 718567  | 41.772 | ng     | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 391279  | 40.085 | ng     | 99   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\  
 Data File : BG044729.D  
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 Sample : PB127439BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB127439BS

Manual Integrations  
 APPROVED

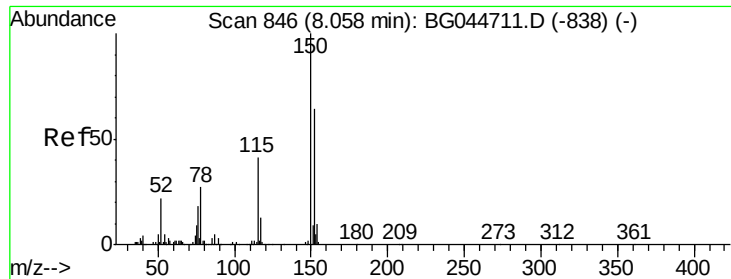
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Quant Time: Mar 13 06:46:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 16:27:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 450252   | 84.404 | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 285820   | 44.122 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 293327   | 43.662 | nq    | 93       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 938189   | 39.610 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 711197   | 39.306 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 269838   | 42.598 | nq    | 99       |
| 49) Acenaphthylene             | 14.41 | 152  | 1187993  | 41.910 | nq    | 98       |
| 50) Dimethylphthalate          | 14.15 | 163  | 955391   | 40.472 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 211523   | 44.453 | nq    | 96       |
| 52) Acenaphthene               | 14.76 | 154  | 834616   | 44.958 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.58 | 138  | 156180   | 28.549 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 215310   | 85.907 | nq    | # 66     |
| 55) Dibenzofuran               | 15.09 | 168  | 1122396  | 41.693 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 397746   | 95.267 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 289345   | 44.338 | nq    | # 95     |
| 58) Fluorene                   | 15.74 | 166  | 912141   | 41.189 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 276429   | 44.693 | nq    | 92       |
| 60) Diethylphthalate           | 15.51 | 149  | 988515   | 40.149 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 495687   | 41.570 | nq    | 96       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 221560   | 37.981 | nq    | 94       |
| 63) Azobenzene                 | 16.03 | 77   | 1050171  | 41.074 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 153913   | 48.823 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 835035   | 41.536 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 331818   | 39.749 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 358669   | 39.603 | nq    | 98       |
| 69) Atrazine                   | 16.90 | 200  | 339651   | 46.113 | nq    | 98       |
| 70) Pentachlorophenol          | 17.08 | 266  | 445663   | 89.436 | nq    | 100      |
| 71) Phenanthrene               | 17.48 | 178  | 1454641  | 40.765 | nq    | 100      |
| 72) Anthracene                 | 17.57 | 178  | 1467668  | 41.712 | nq    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 1368037  | 40.476 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 1651744  | 40.202 | nq    | 100      |
| 75) Fluoranthene               | 19.48 | 202  | 1752348  | 41.244 | nq    | 100      |
| 77) Benzidine                  | 19.66 | 184  | 465771   | 25.239 | nq    | 98       |
| 78) Pyrene                     | 19.84 | 202  | 1751096  | 41.986 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 743794   | 40.087 | nq    | 94       |
| 81) Benzo(a)anthracene         | 21.69 | 228  | 1677918  | 40.991 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 547333   | 34.563 | nq    | 99       |
| 83) Chrysene                   | 21.75 | 228  | 1596886  | 40.840 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 1036515  | 40.477 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 1788892  | 41.747 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.59 | 276  | 2077867  | 40.534 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 1775600  | 48.406 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 1741372  | 50.165 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 1634424  | 47.619 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.66 | 278  | 1702641  | 50.283 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 29.73 | 276  | 1742303  | 50.928 | nq    | 100      |

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





#1

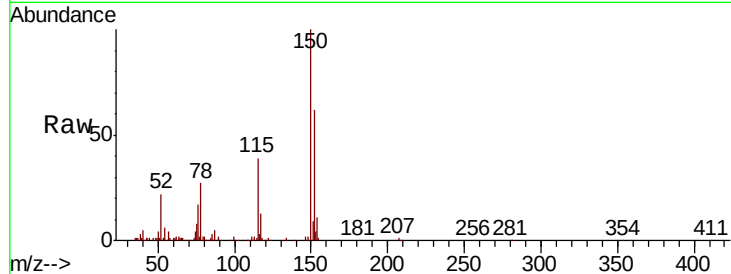
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.8 | 125.3 | 187.9 |
| 115     | 62.6  | 51.7  | 77.5  |

Manual Integrations  
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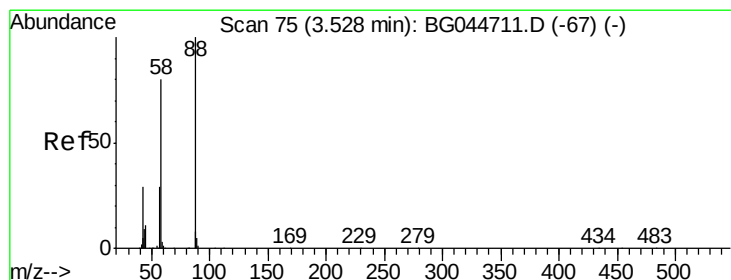
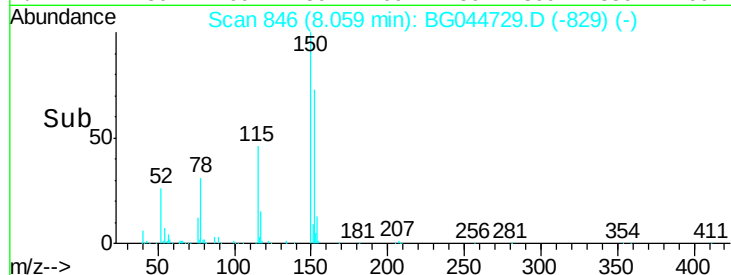
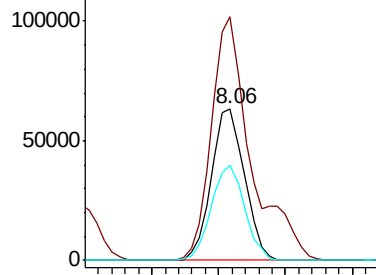


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

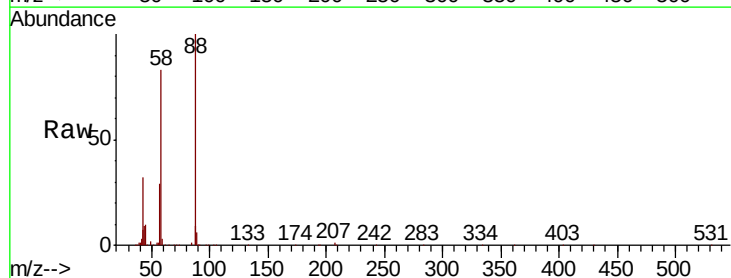
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 38.784 ng  
RT: 3.52 min Scan# 74  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.1  | 63.0  | 94.4  |
| 43      | 31.1  | 23.2  | 34.8  |

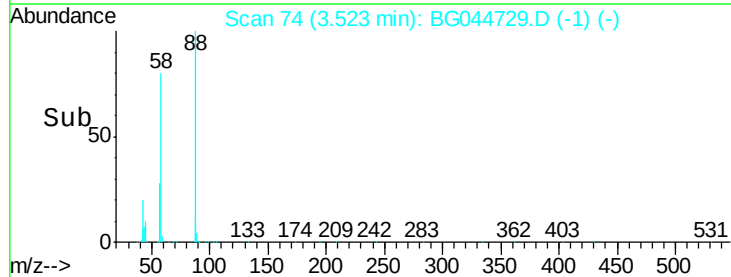
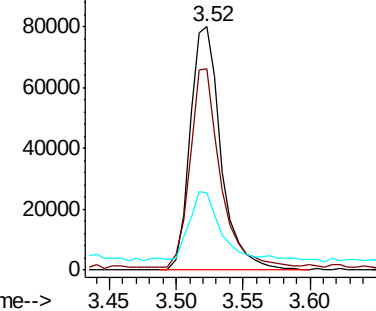


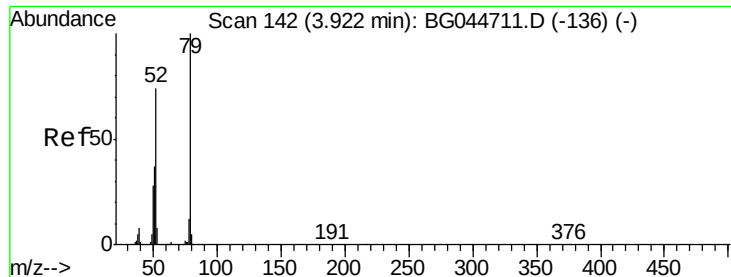
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.411 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

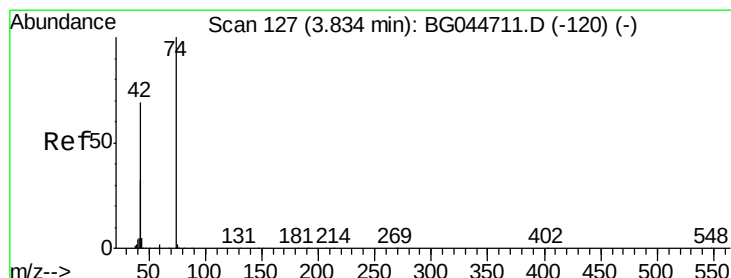
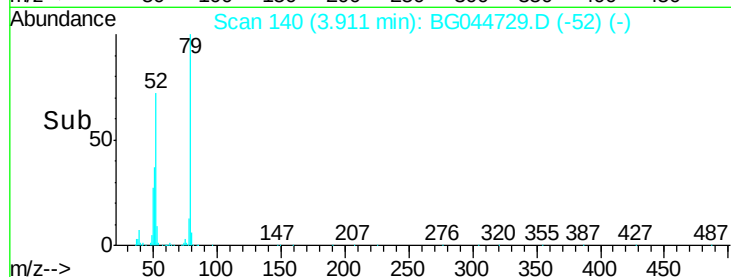
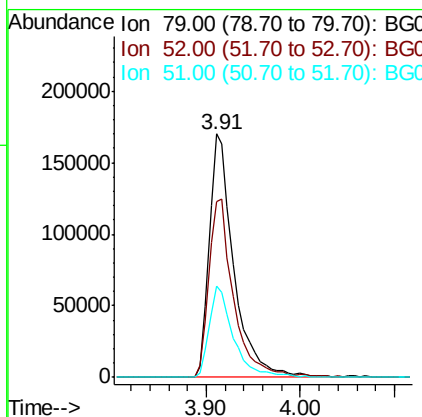
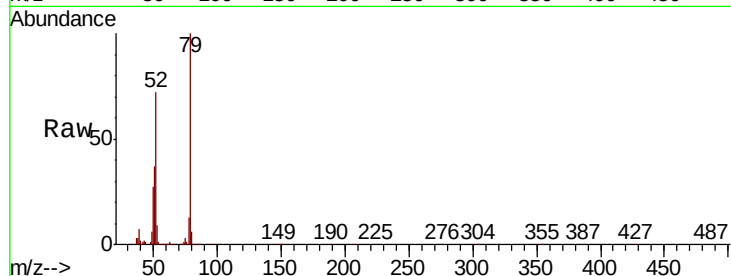
ClientSampleId :

PB127439BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 312031 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 72.2  | 59.4  | 89.2   |
| 51       | 37.3  | 29.7  | 44.5   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 42.695 ng

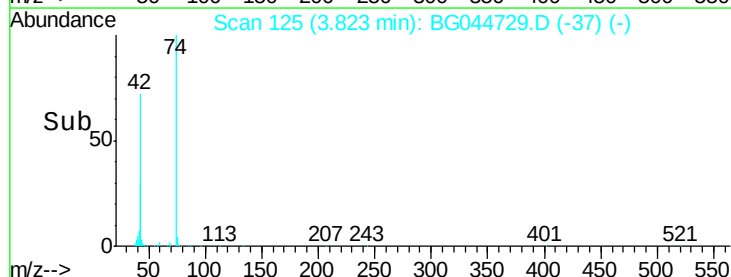
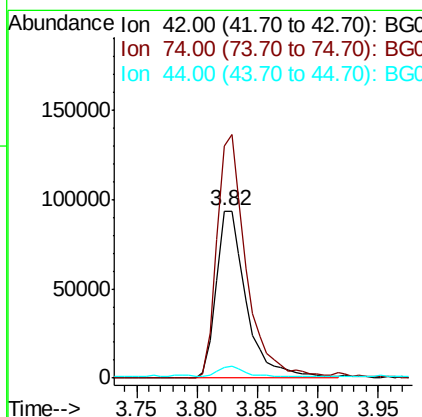
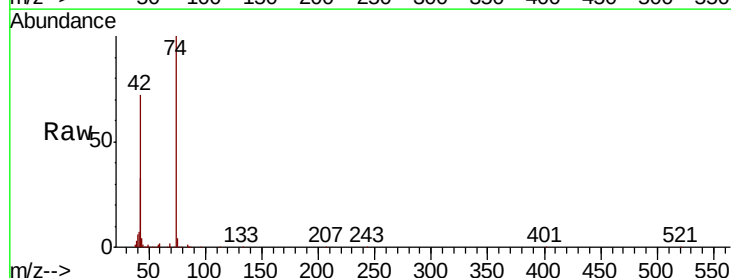
RT: 3.82 min Scan# 125

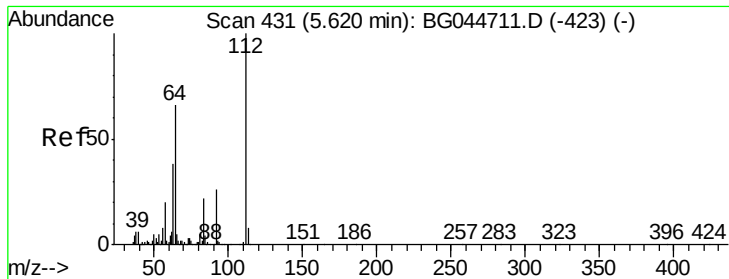
Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 160921 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 138.9 | 116.1 | 174.1  |
| 44       | 6.2   | 7.1   | 10.7#  |





#5

2-Fluorophenol

Concen: 128.486 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

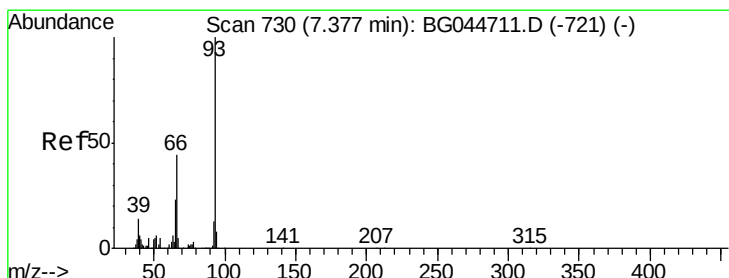
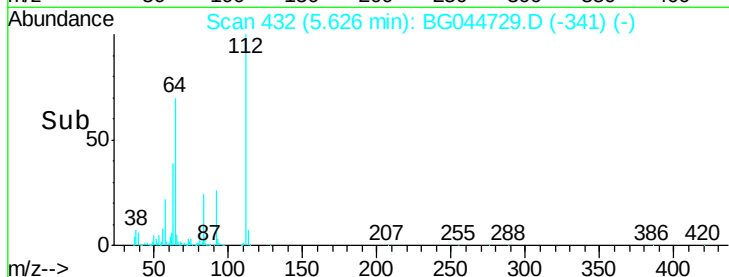
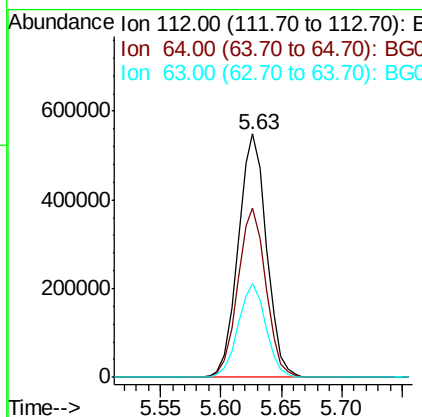
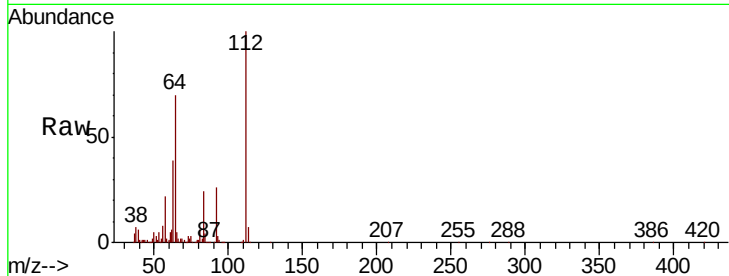
ClientSampleId :

PB127439BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 895332 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.8  | 52.6  | 78.8   |
| 63        | 38.7  | 30.2  | 45.4   |

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#6

Aniline

Concen: 31.871 ng

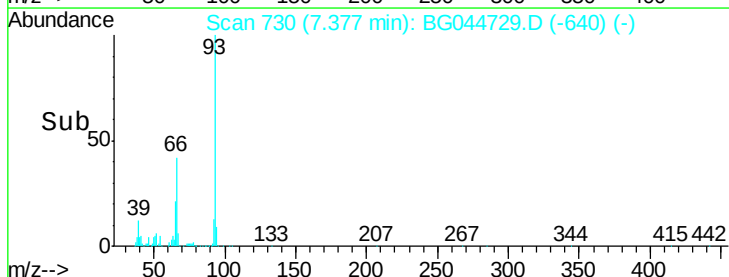
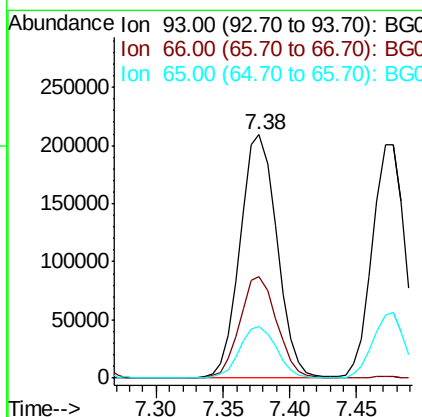
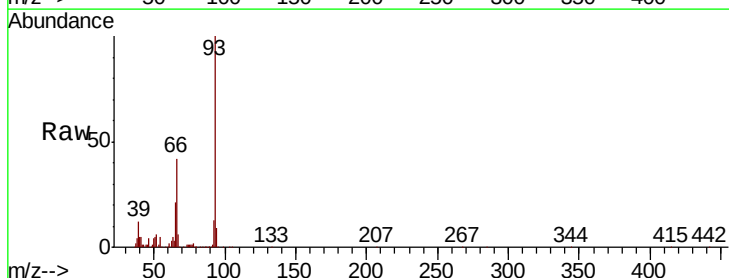
RT: 7.38 min Scan# 730

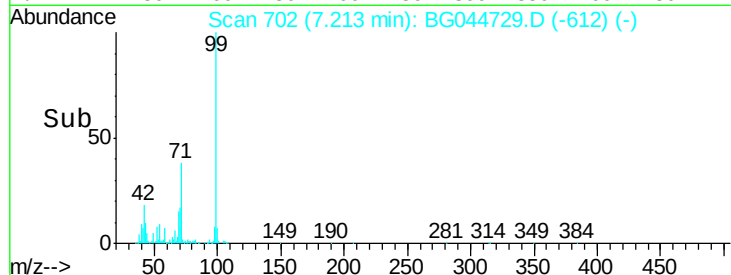
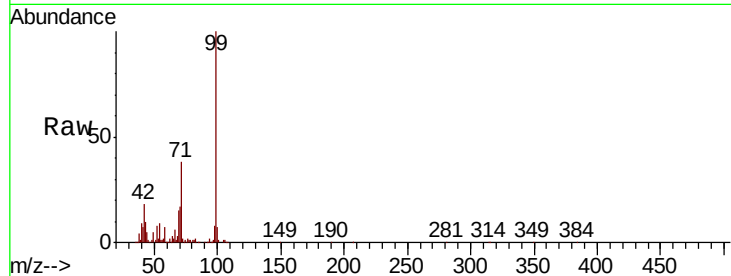
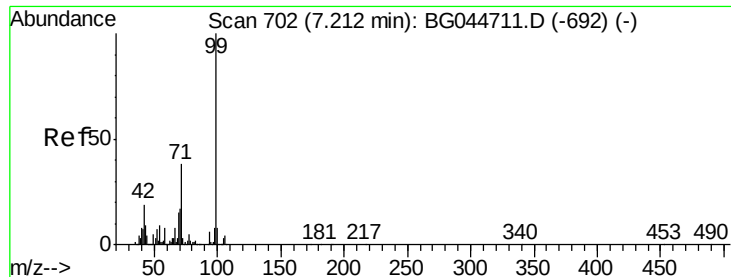
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 401515 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.7  | 35.3  | 52.9   |
| 65        | 21.0  | 18.2  | 27.4   |





#7

Phenol-d6

Concen: 124.560 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1261102 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 18.4  | 15.4  | 23.0    |
| 71       | 38.1  | 30.2  | 45.4    |

Instrument :

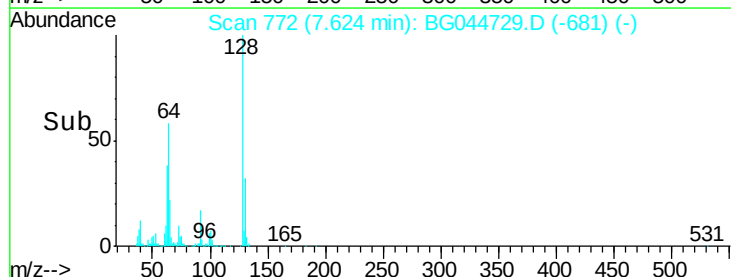
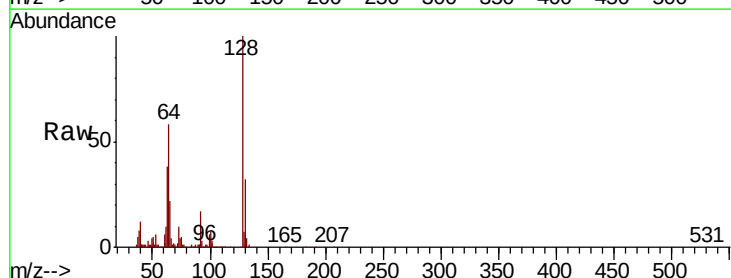
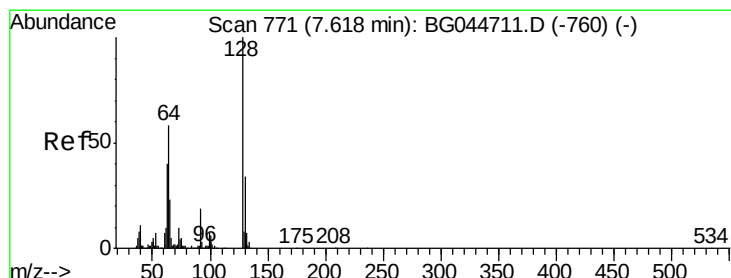
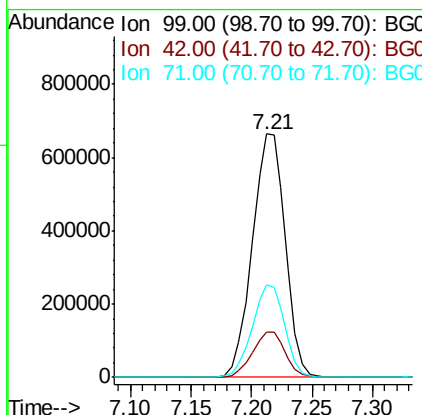
BNA\_G

ClientSampleId :

PB127439BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 46.642 ng

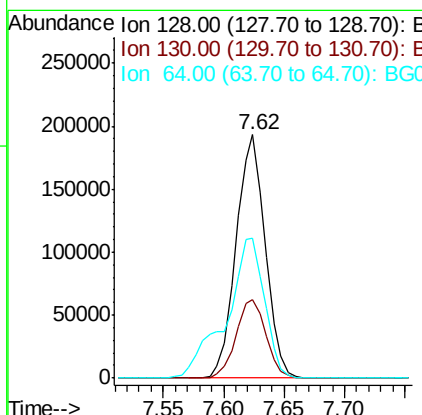
RT: 7.62 min Scan# 772

Delta R.T. 0.01 min

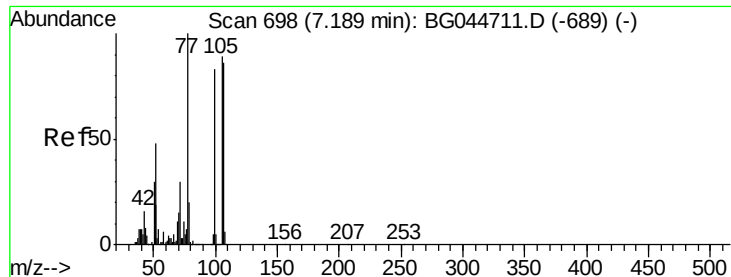
Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 324446 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.1  | 13.6  | 53.6   |
| 64       | 57.7  | 38.6  | 78.6   |







#9

Benzaldehyde

Concen: 20.665 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

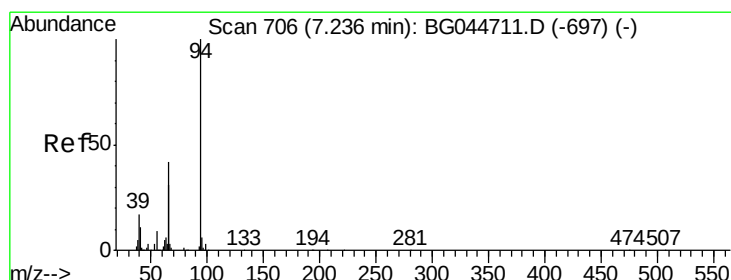
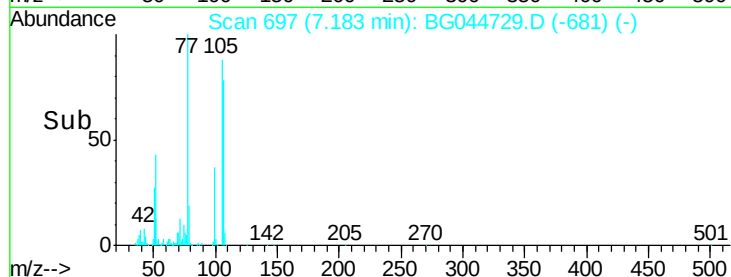
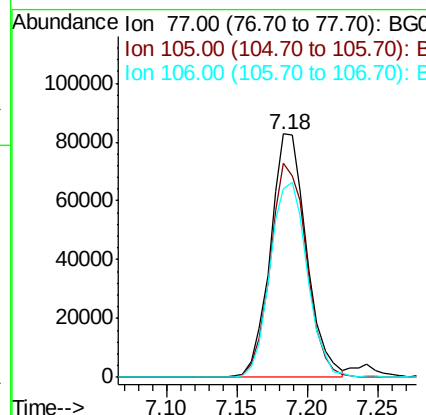
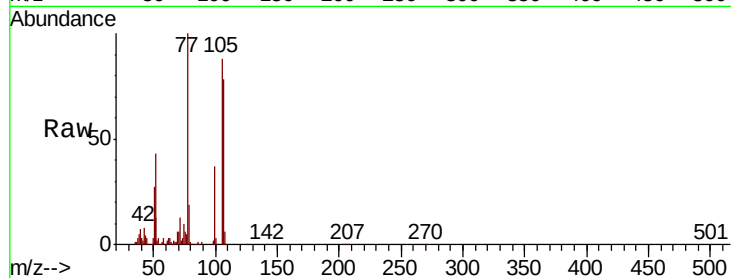
ClientSampled :

PB127439BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 148423 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 88.0  | 68.6  | 108.6  |
| 106      | 77.7  | 65.9  | 105.9  |

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#10

Phenol

Concen: 47.134 ng

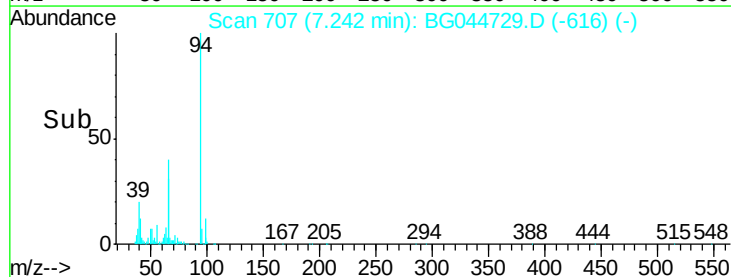
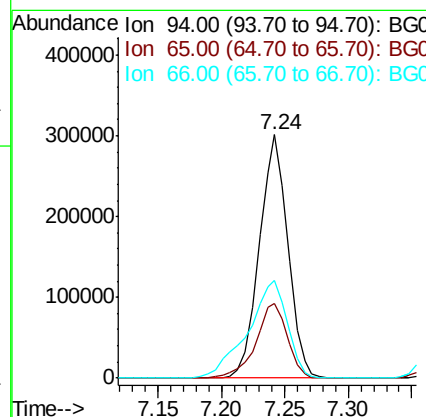
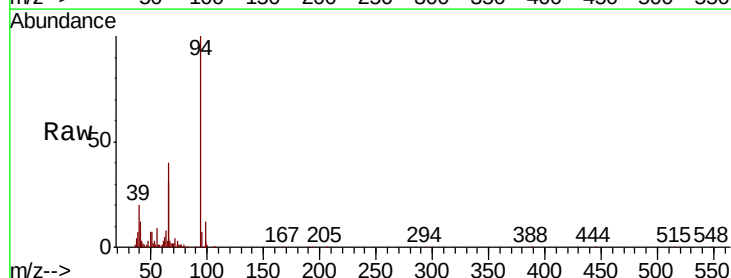
RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

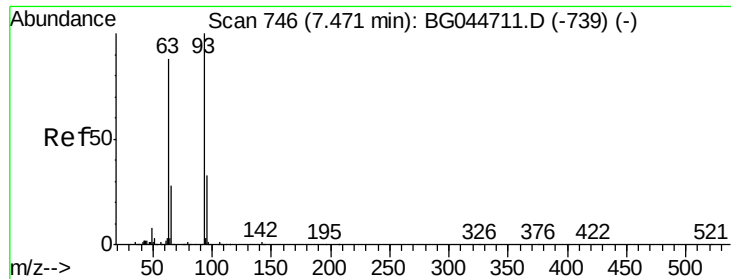
Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 472444 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.9  | 11.3  | 51.3   |
| 66       | 40.0  | 22.9  | 62.9   |







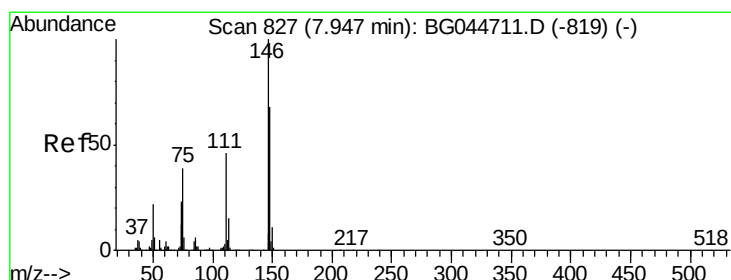
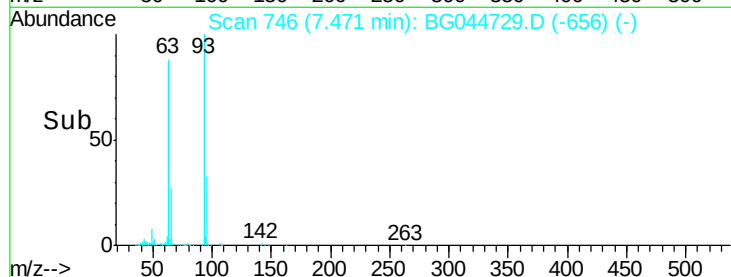
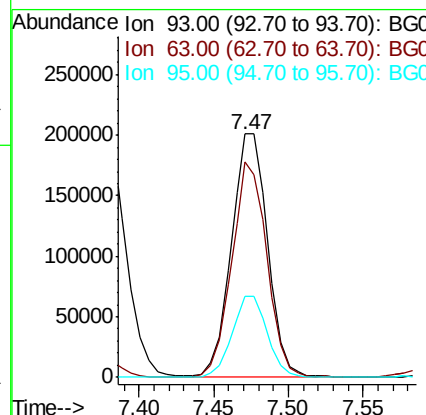
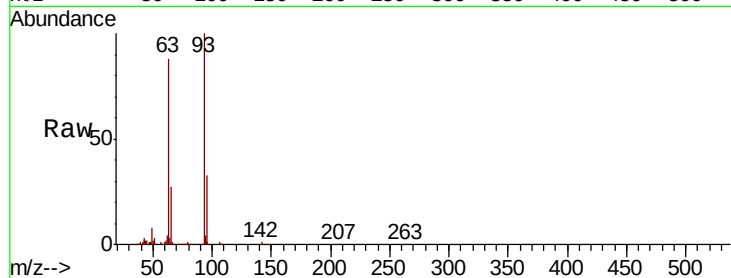
#11  
bis(2-Chloroethyl)ether  
Concen: 42.632 ng  
RT: 7.47 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampled :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 88.3  | 68.1  | 108.1 |
| 95      | 33.2  | 12.4  | 52.4  |

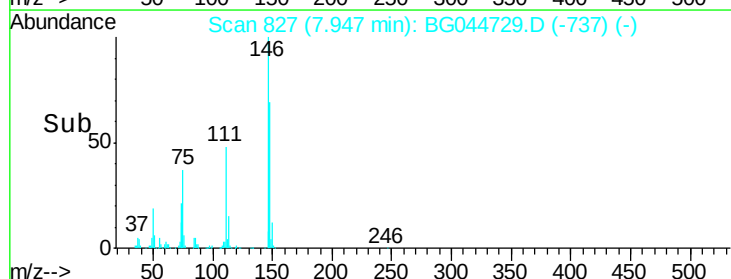
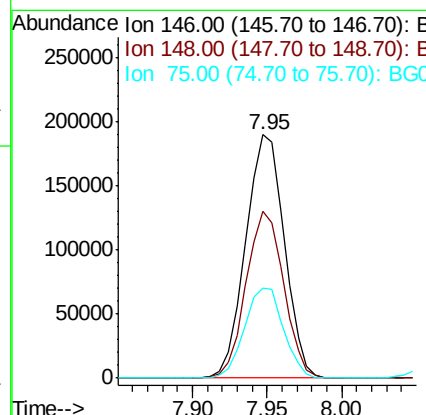
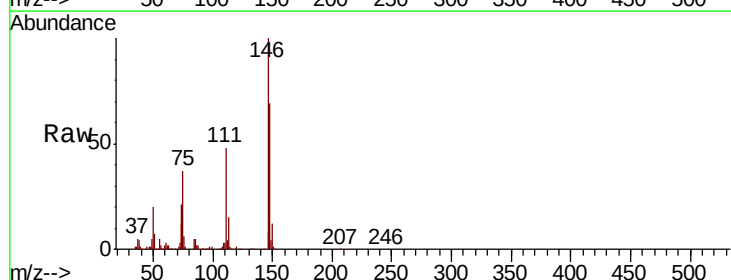
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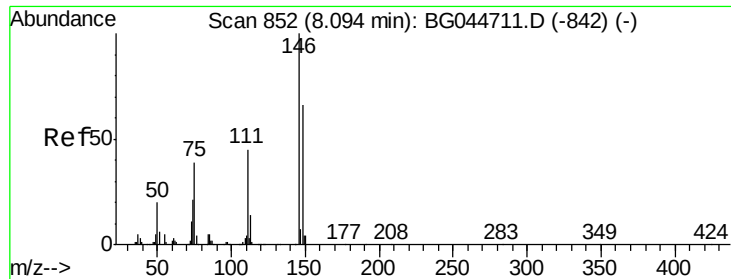
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 39.611 ng  
RT: 7.95 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.7  | 54.2  | 81.2  |
| 75      | 37.0  | 31.3  | 46.9  |





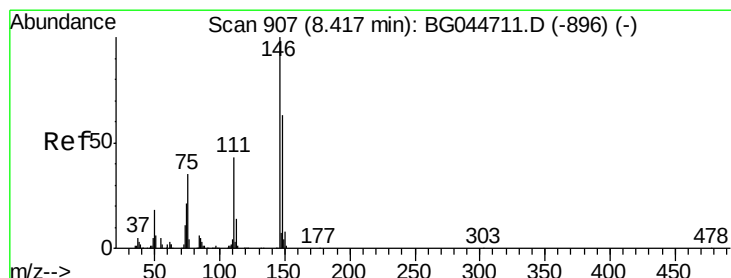
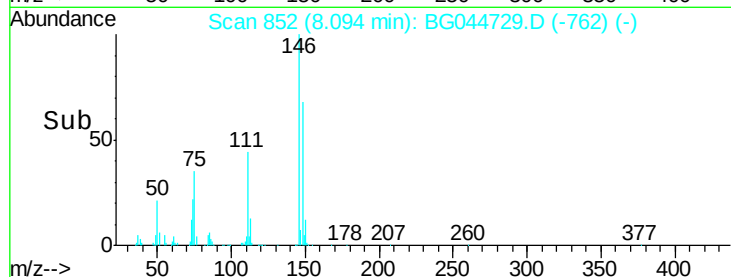
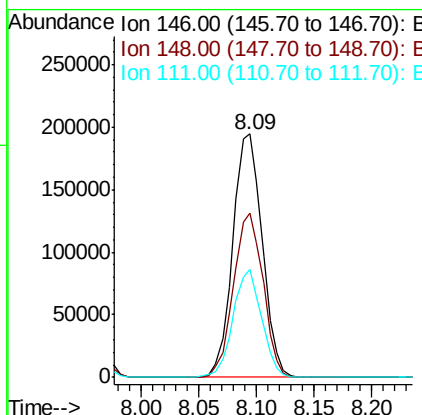
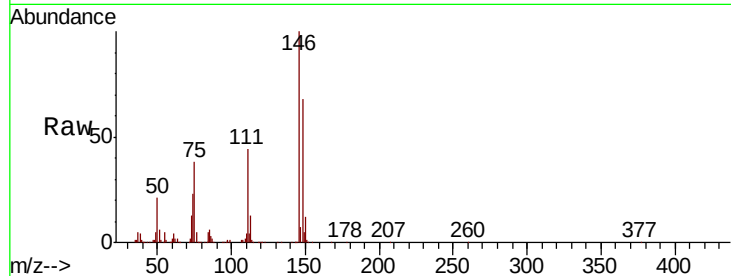
#13  
1,4-Dichlorobenzene  
Concen: 40.466 ng  
RT: 8.09 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.7  | 52.9  | 79.3  |
| 111     | 44.3  | 35.6  | 53.4  |

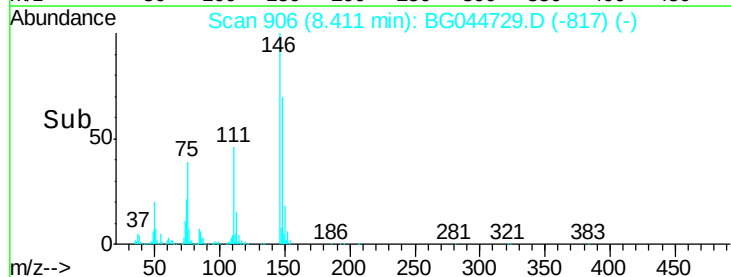
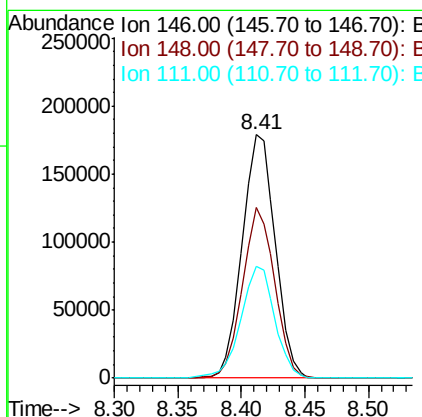
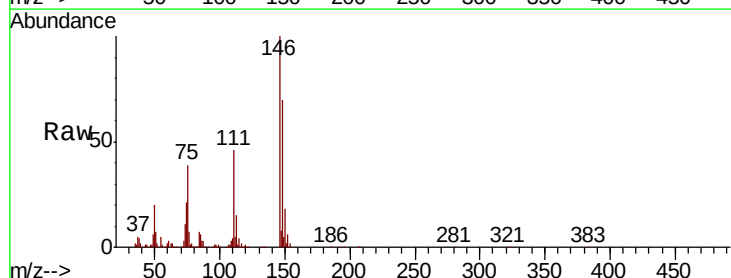
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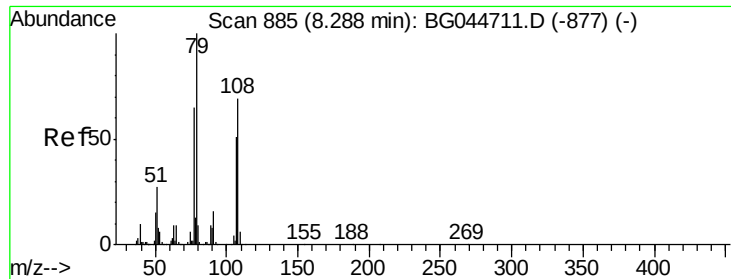
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#14  
1,2-Dichlorobenzene  
Concen: 40.328 ng  
RT: 8.41 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 70.0  | 50.8  | 76.2  |
| 111     | 45.9  | 34.8  | 52.2  |





#15

Benzyl Alcohol

Concen: 44.237 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

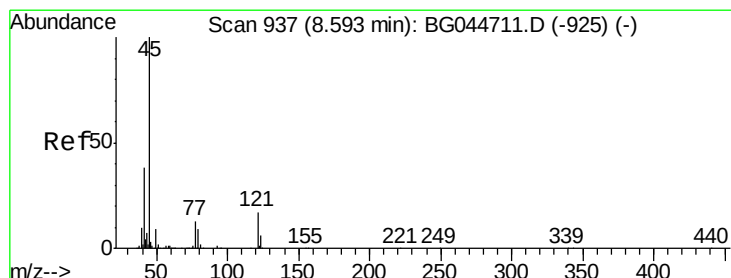
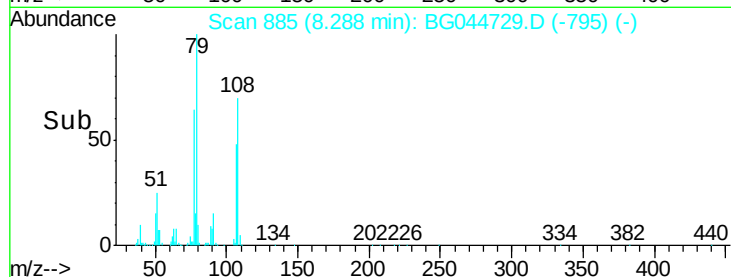
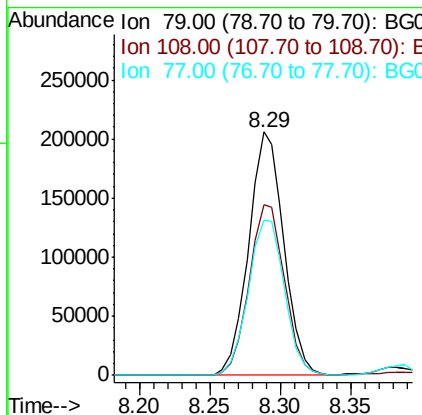
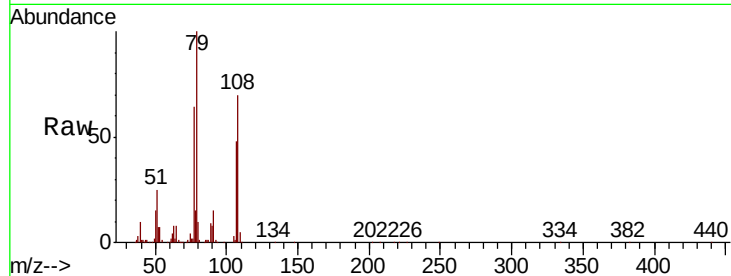
ClientSampled :

PB127439BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 359350 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 69.9  | 55.4  | 83.0   |
| 77       | 63.6  | 52.2  | 78.4   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.971 ng

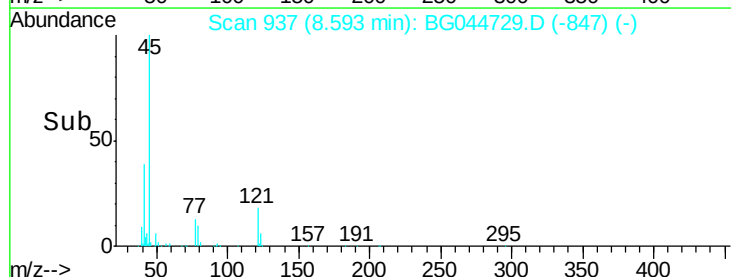
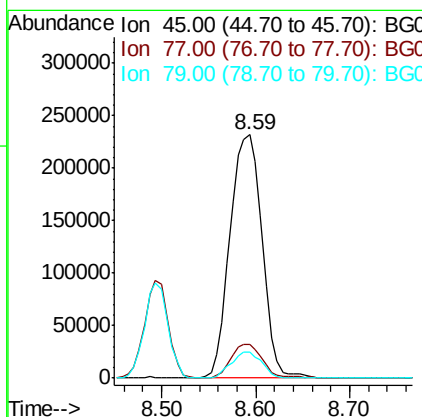
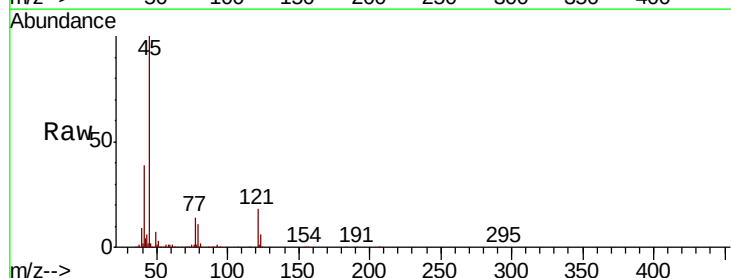
RT: 8.59 min Scan# 937

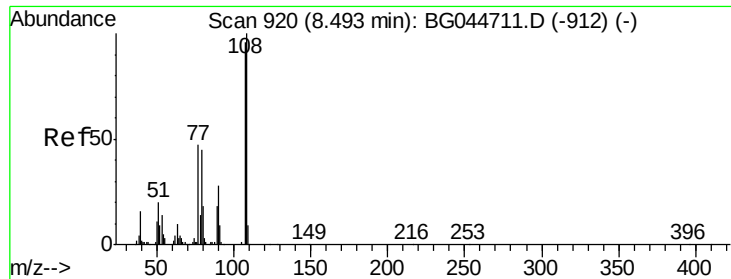
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 550160 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 13.9  | 0.0   | 33.4   |
| 79       | 10.7  | 0.0   | 30.0   |





#17

2-Methylphenol

Concen: 46.558 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

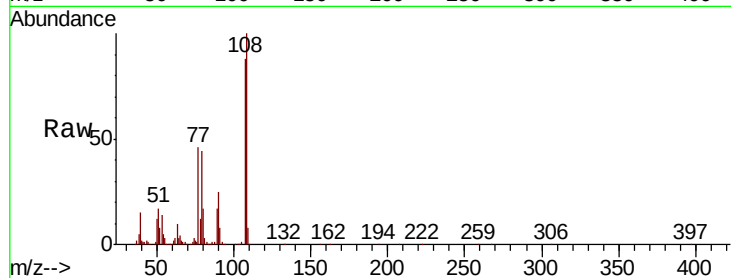
ClientSampleId :

PB127439BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.1 | 83.2 | 124.8 |       |
| 77      | 51.6  | 39.0 | 58.6  |       |
| 79      | 50.2  | 37.6 | 56.4  |       |

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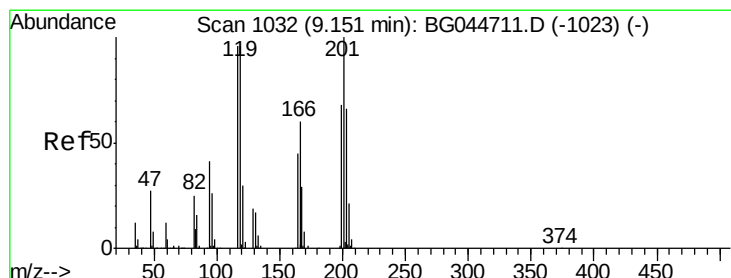
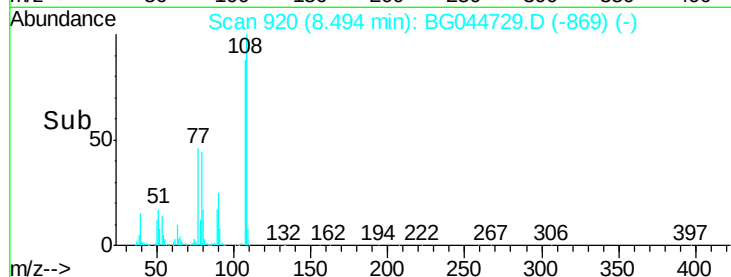
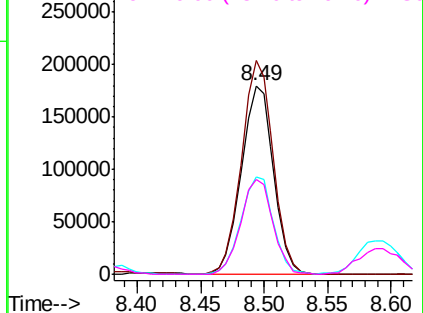
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.066 ng

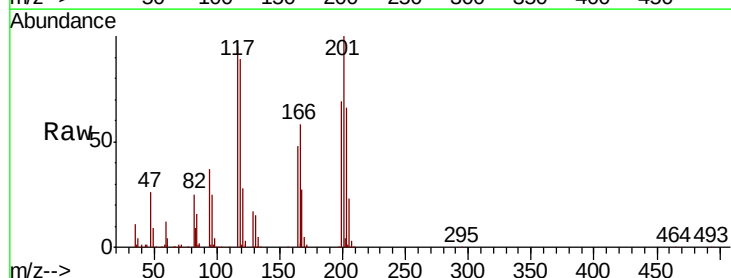
RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 93.6  | 80.2 | 120.4 |       |
| 201     | 105.1 | 83.4 | 125.2 |       |

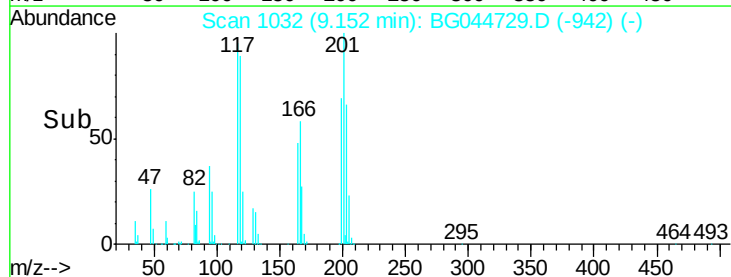
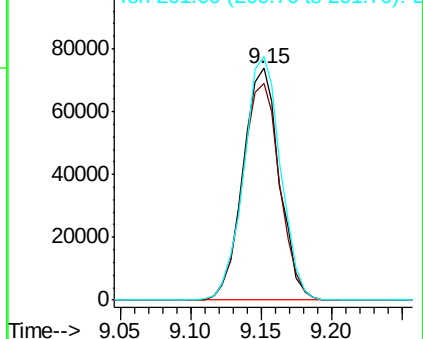


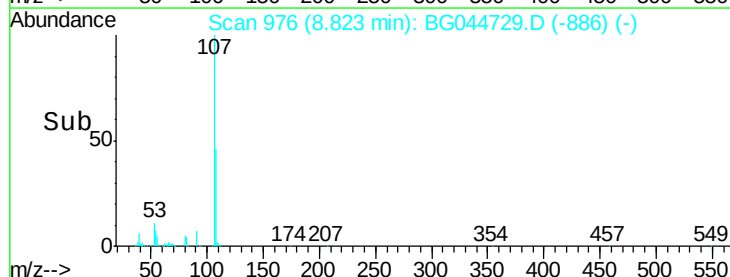
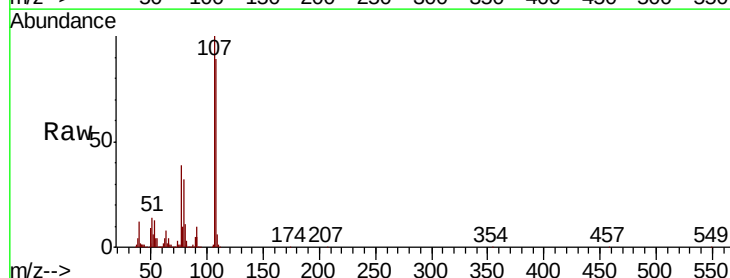
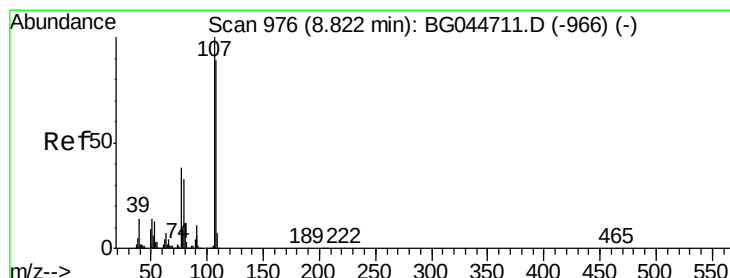
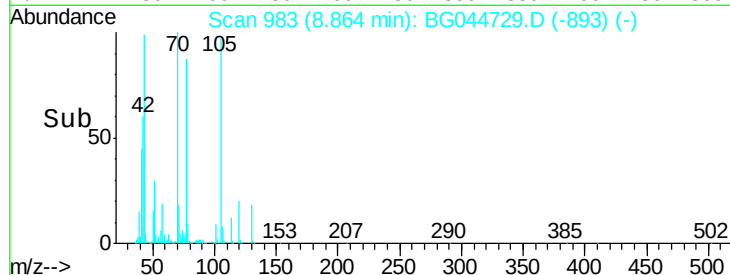
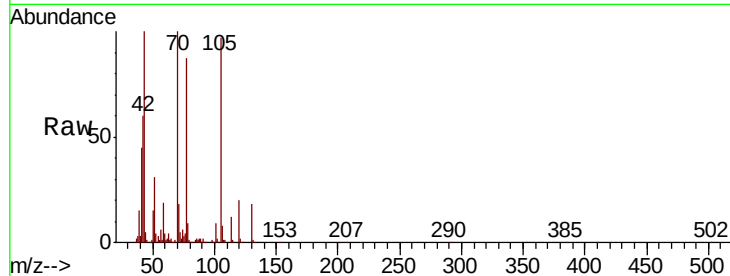
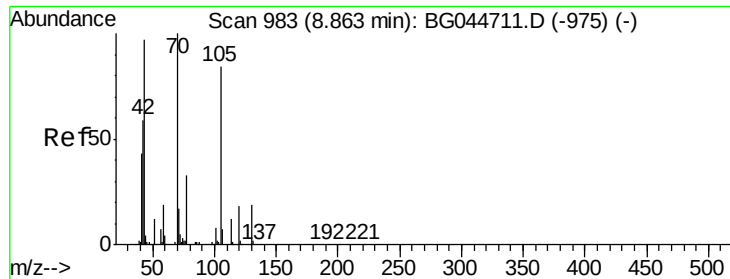
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





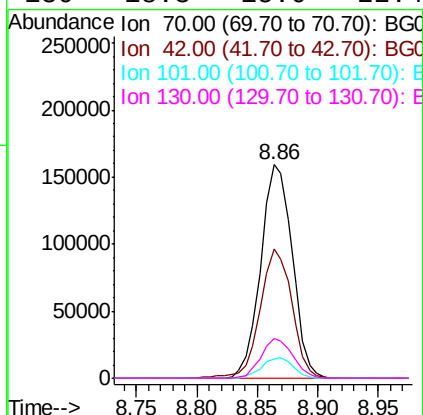
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.166 ng  
RT: 8.86 min Scan# 983  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 60.3 | 47.6  | 71.4  |       |
| 101     | 9.3  | 6.5   | 9.7   |       |
| 130     | 18.3 | 15.0  | 22.4  |       |

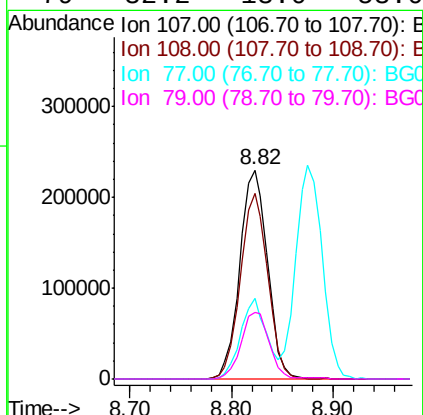
Manual Integrations  
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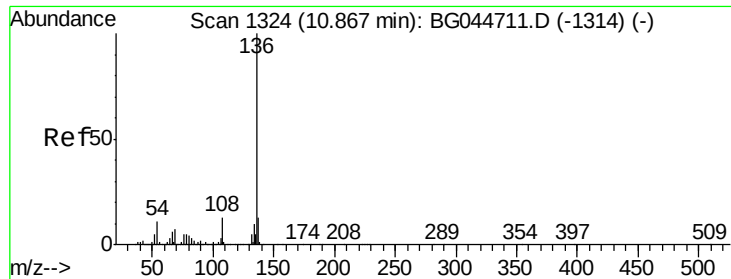
mohammad  
3/16/2020 1:48:08 PM



#20  
3+4-Methylphenols  
Concen: 46.483 ng  
RT: 8.82 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.7 | 69.1  | 109.1 |       |
| 77      | 38.5 | 17.7  | 57.7  |       |
| 79      | 32.2 | 13.0  | 53.0  |       |





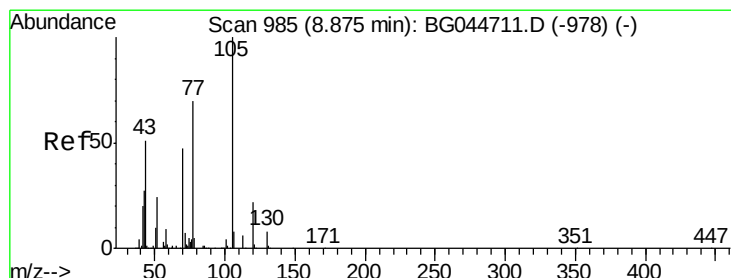
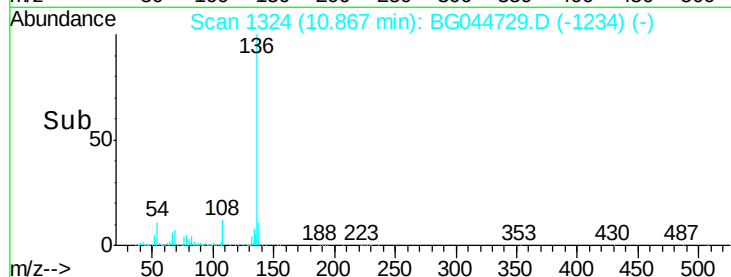
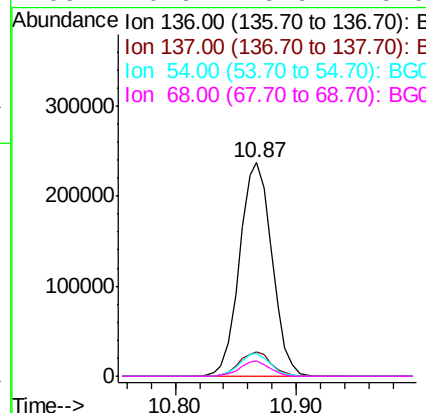
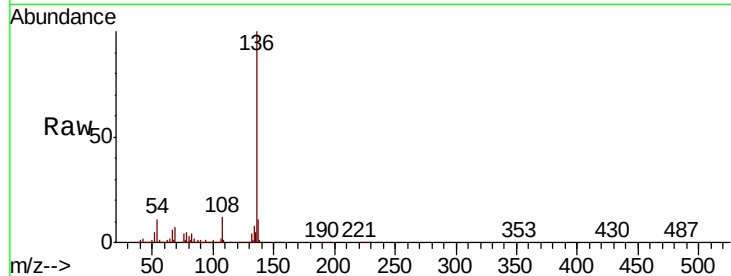
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 441565 |       |       |
| 137     | 11.5  | 10.7   | 16.1  |       |
| 54      | 10.6  | 9.0    | 13.4  |       |
| 68      | 6.9   | 5.9    | 8.9   |       |

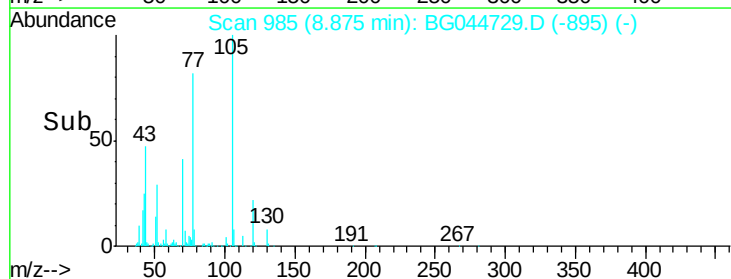
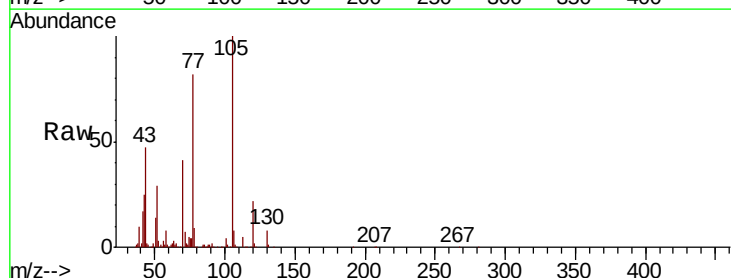
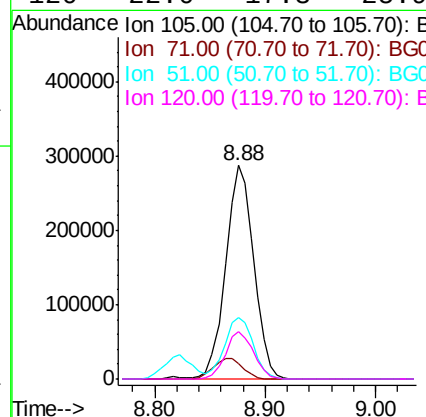
Manual Integrations  
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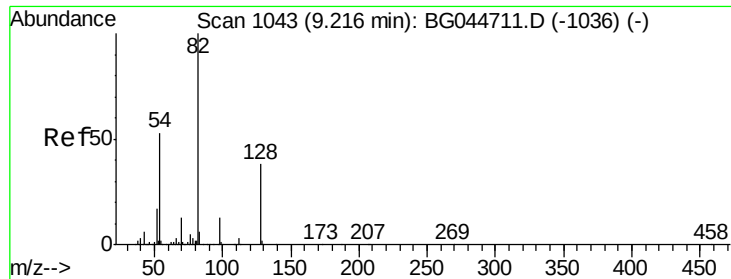
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#22  
Acetophenone  
Concen: 40.710 ng  
RT: 8.88 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 509258 |       |       |
| 71      | 7.1   | 5.8    | 8.8   |       |
| 51      | 28.7  | 23.8   | 35.8  |       |
| 120     | 22.0  | 17.3   | 25.9  |       |





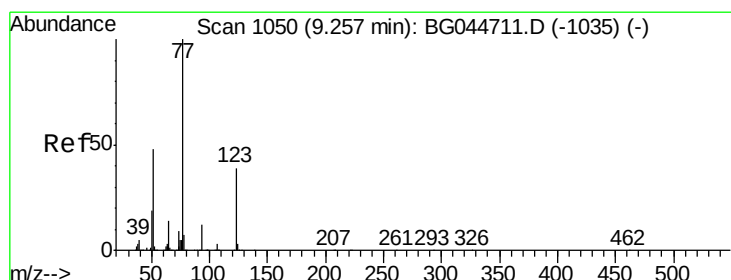
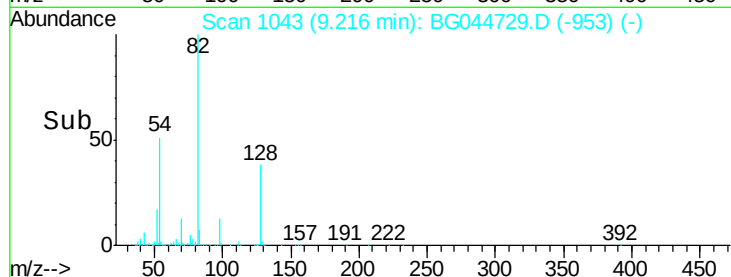
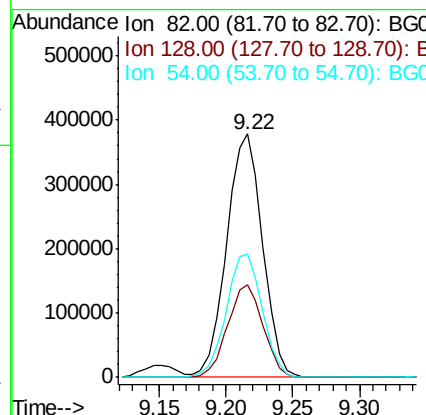
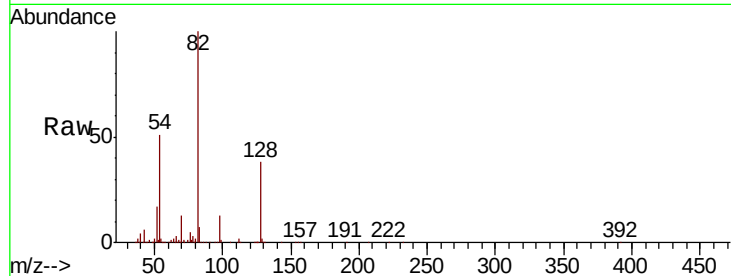
#23  
Nitrobenzene-d5  
Concen: 70.413 ng  
RT: 9.22 min Scan# 1043  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion   | 82    | Resp  | 708541 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.2  | 30.2  | 45.2   |
| 54        | 50.9  | 41.8  | 62.8   |

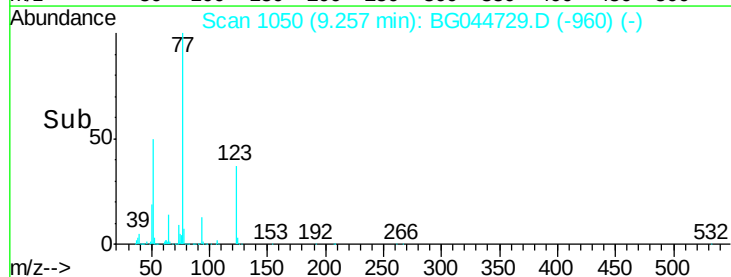
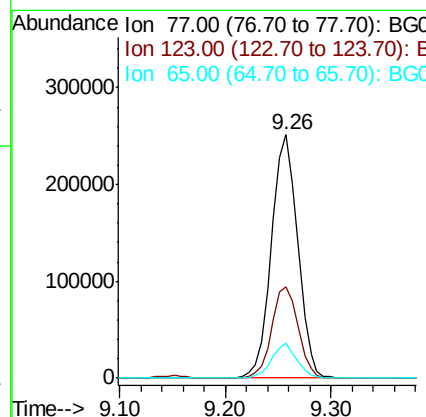
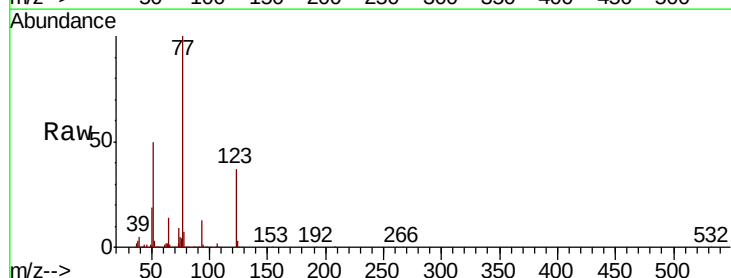
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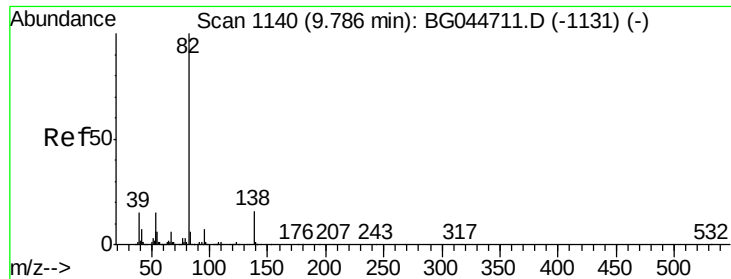


#24  
Nitrobenzene  
Concen: 41.640 ng  
RT: 9.26 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion   | 77    | Resp  | 434767 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 37.4  | 31.5  | 47.3   |
| 65        | 14.2  | 11.0  | 16.4   |







#25

Isophorone

Concen: 41.203 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

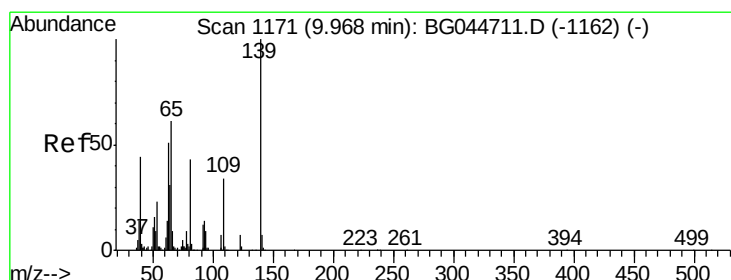
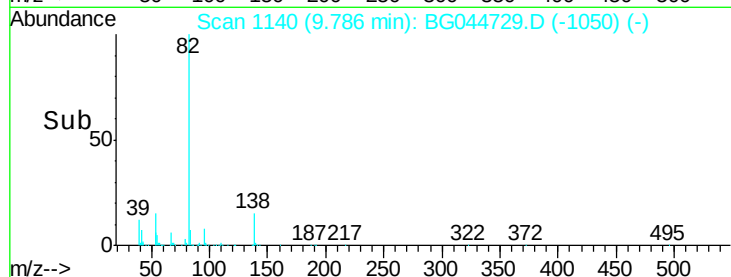
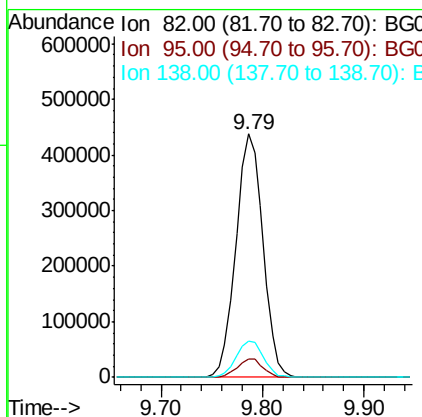
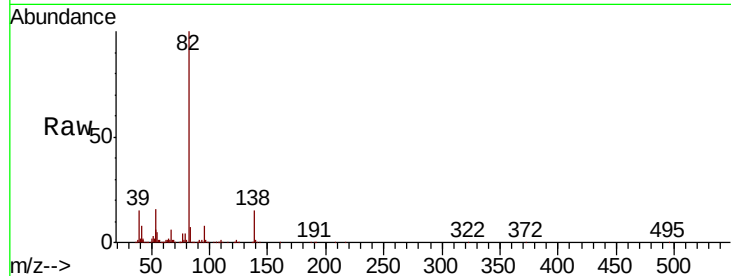
ClientSampleId :

PB127439BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 809208 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.5   | 5.6   | 8.4    |
| 138       | 15.0  | 13.0  | 19.4   |

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#26

2-Nitrophenol

Concen: 46.203 ng

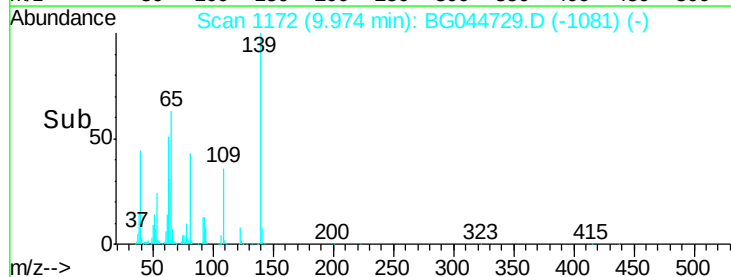
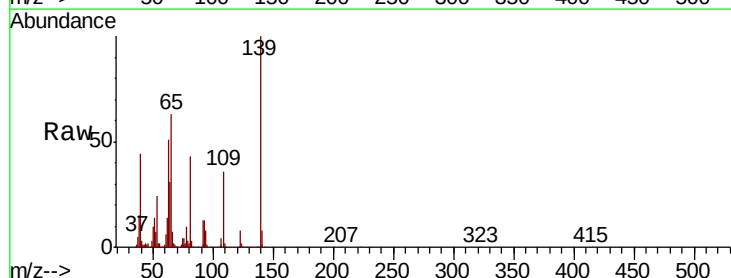
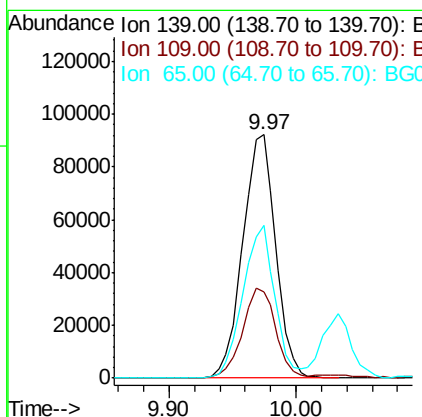
RT: 9.97 min Scan# 1172

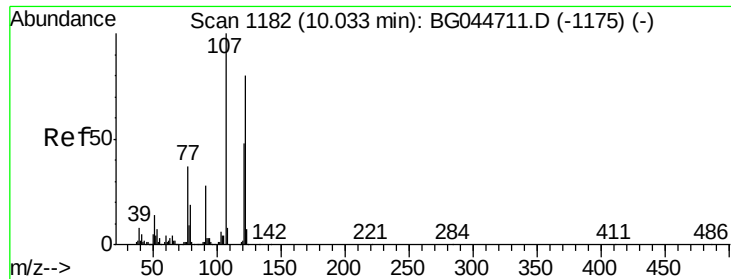
Delta R.T. 0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 166633 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 35.6  | 27.0  | 40.4   |
| 65        | 62.9  | 48.6  | 73.0   |





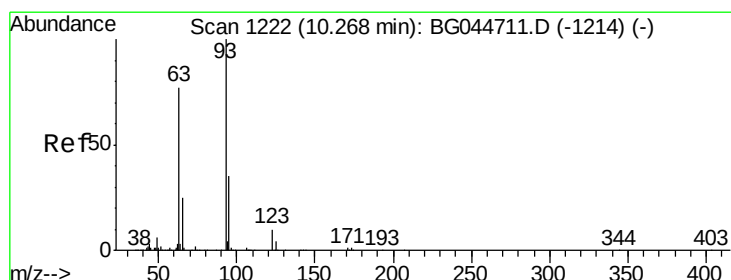
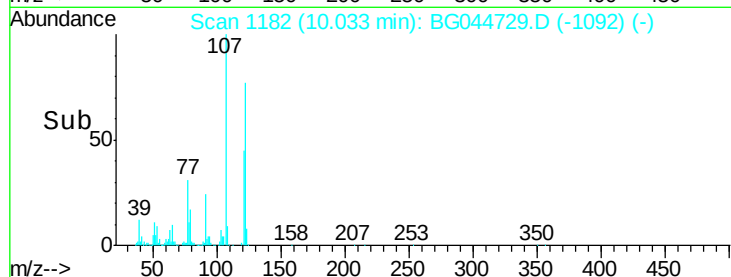
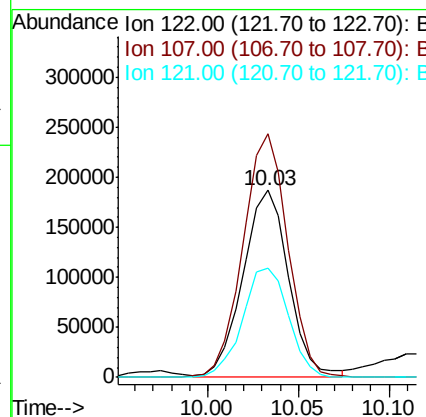
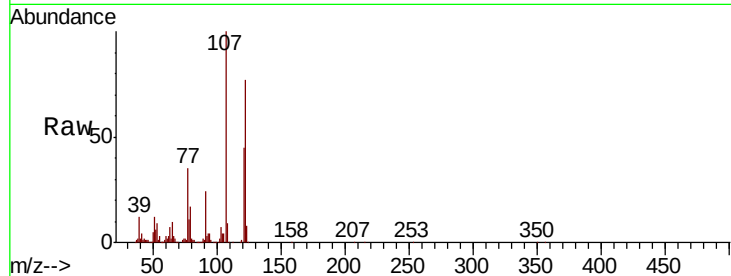
#27  
 2,4-Dimethylphenol  
 Concen: 51.032 ng  
 RT: 10.03 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB127439BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 130.4 | 99.0 | 148.6 |       |
| 121     | 58.3  | 47.6 | 71.4  |       |

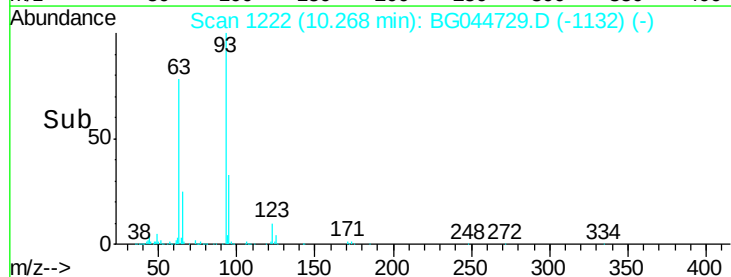
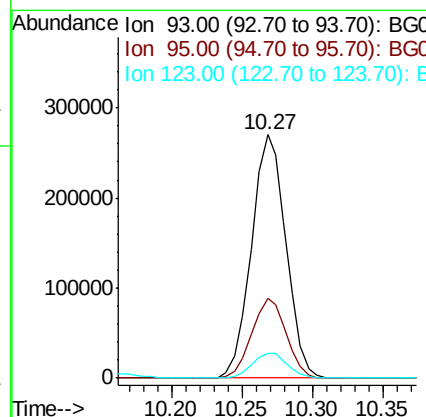
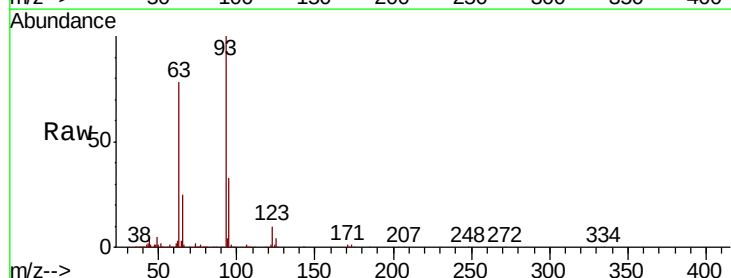
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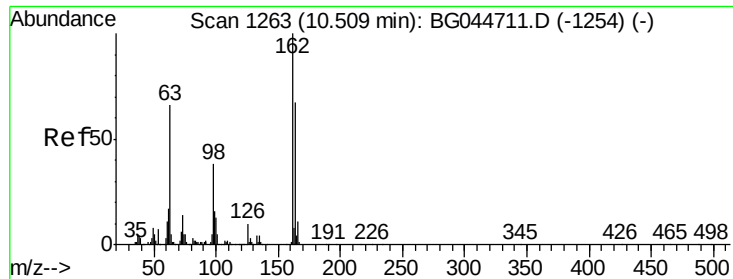
mohammad  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.433 ng  
 RT: 10.27 min Scan# 1222  
 Delta R.T. 0.00 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 32.8  | 27.7 | 41.5  |       |
| 123     | 10.0  | 8.1  | 12.1  |       |





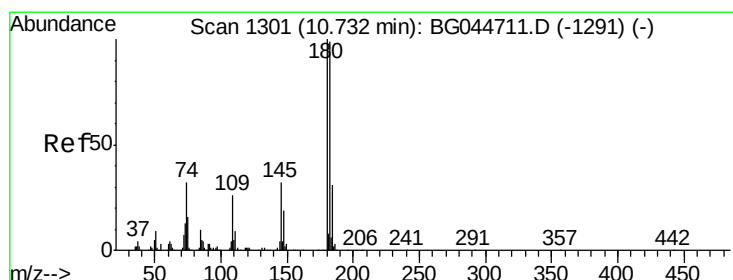
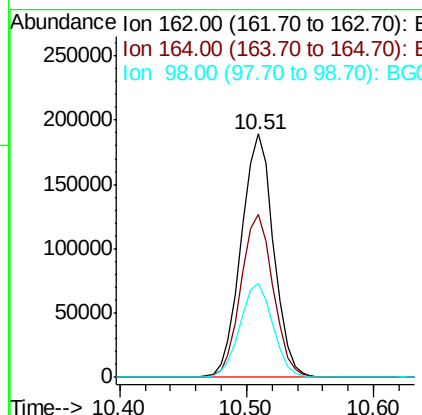
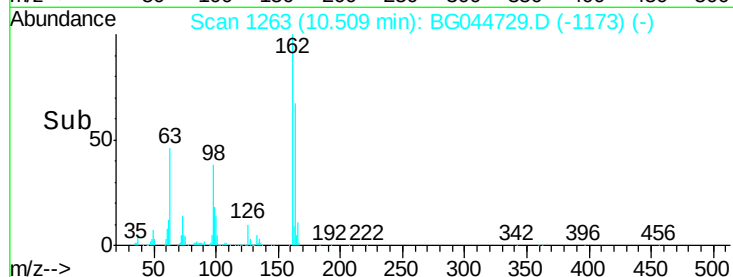
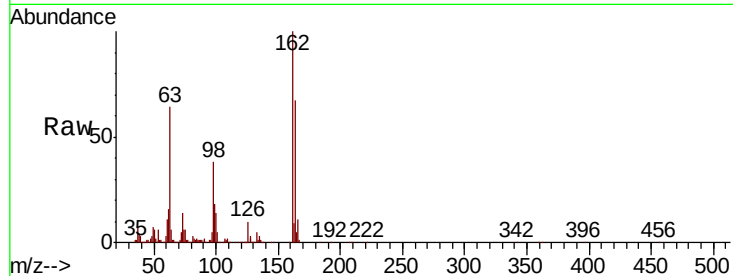
#29  
2,4-Dichlorophenol  
Concen: 45.045 ng  
RT: 10.51 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 336492 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 66.9  | 46.5  | 86.5   |
| 98        | 38.5  | 18.1  | 58.1   |

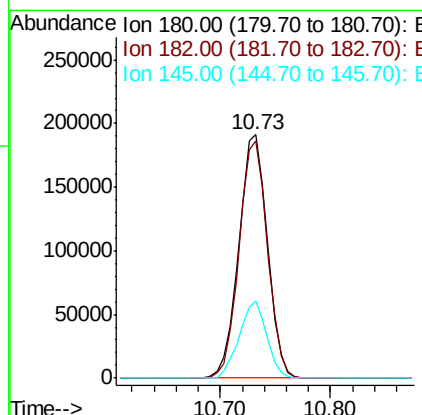
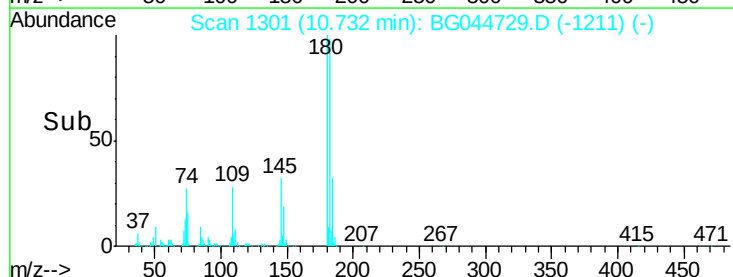
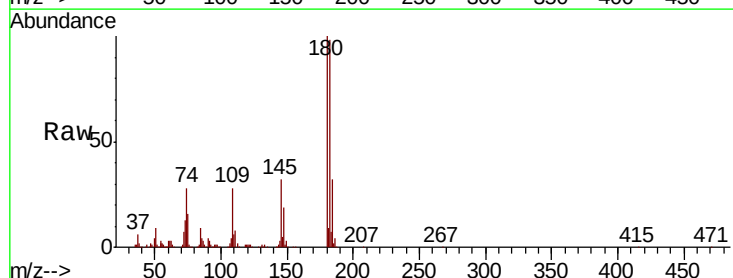
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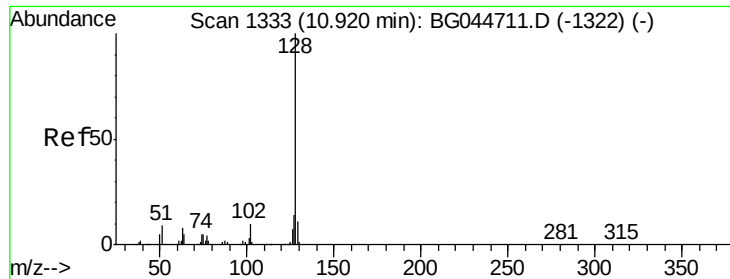
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 38.964 ng  
RT: 10.73 min Scan# 1301  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 348030 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.7  | 78.8  | 118.2  |
| 145       | 31.9  | 25.4  | 38.0   |





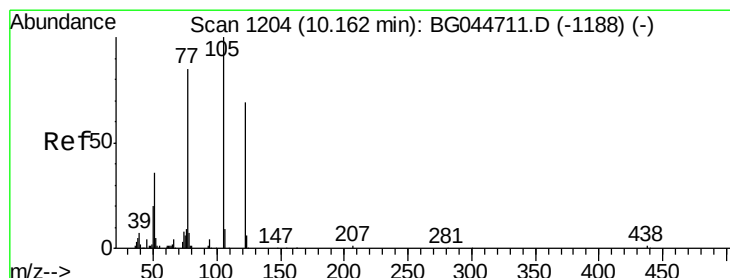
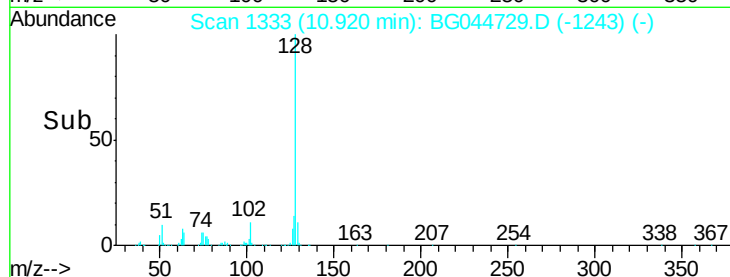
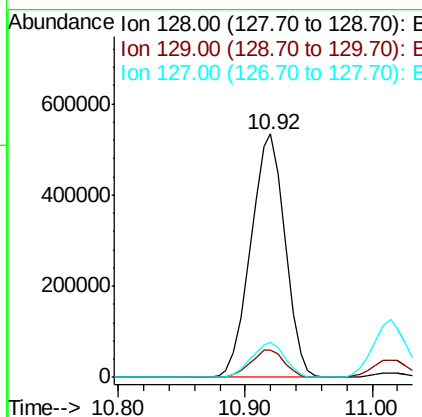
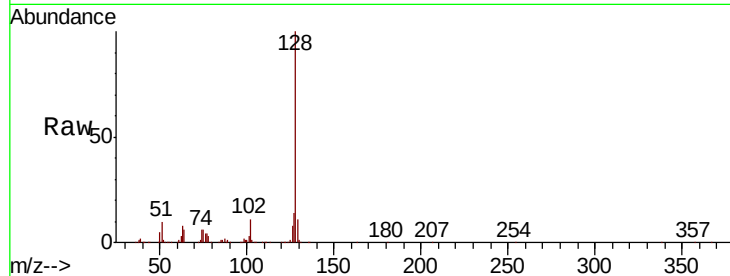
#31  
Naphthalene  
Concen: 40.981 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.0   | 13.4  |
| 127     | 14.1  | 11.0  | 16.6  |

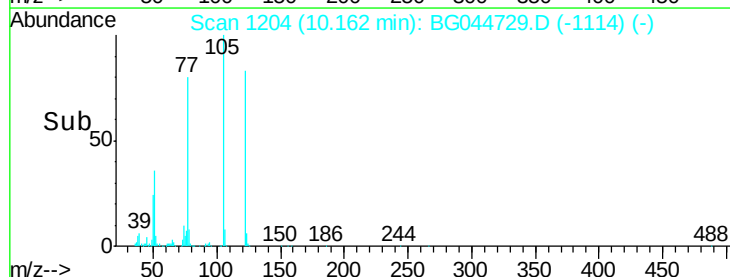
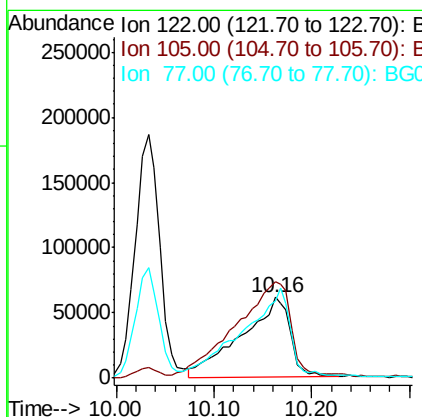
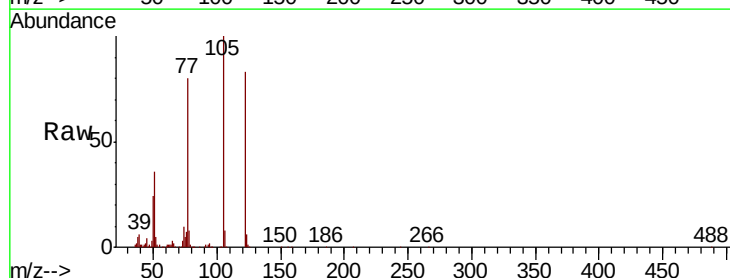
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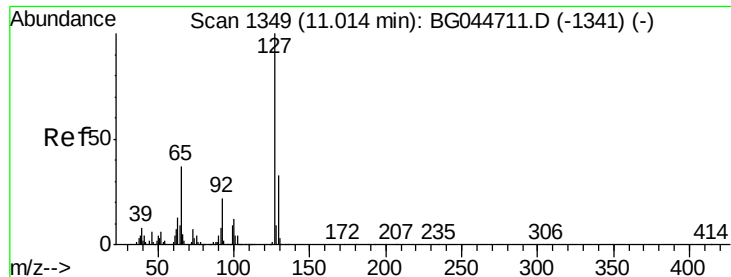
mohammad  
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#32  
Benzoic acid  
Concen: 43.278 ng  
RT: 10.16 min Scan# 1204  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 120.0 | 119.0 | 159.0 |
| 77      | 96.6  | 96.4  | 136.4 |





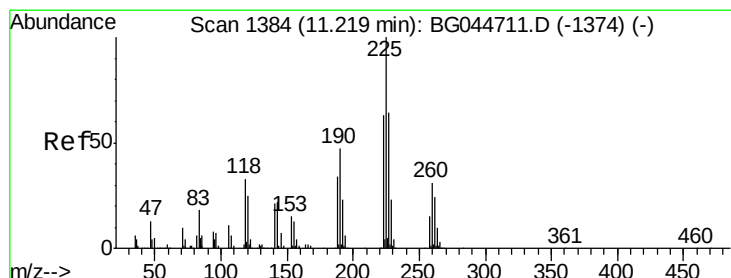
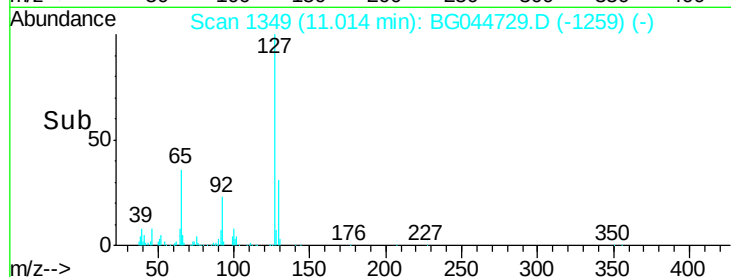
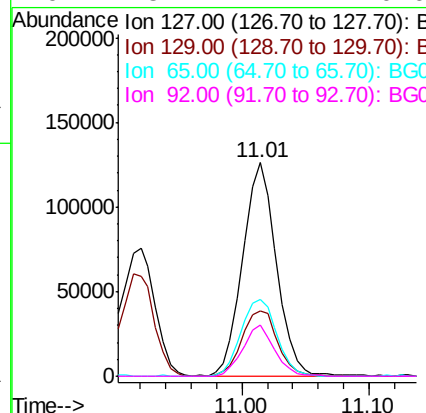
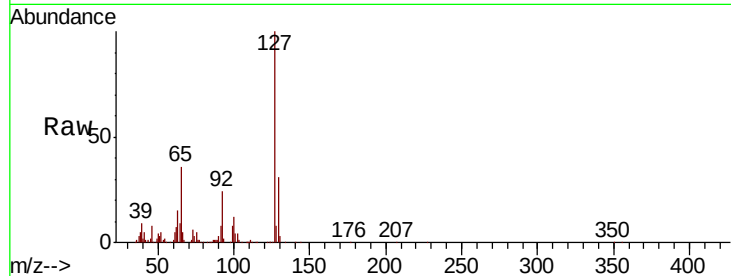
#33  
4-Chloroaniline  
Concen: 21.133 ng  
RT: 11.01 min Scan# 1349  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 30.5  | 26.2 | 39.4  |       |
| 65      | 35.9  | 29.6 | 44.4  |       |
| 92      | 23.7  | 17.4 | 26.0  |       |

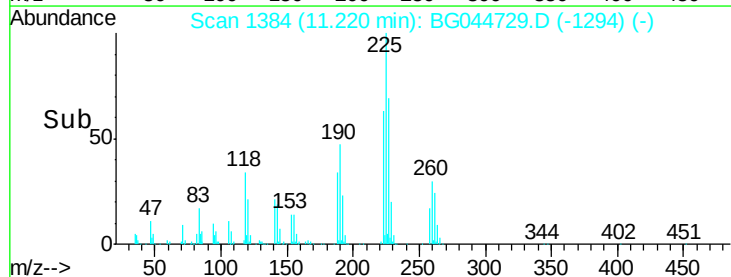
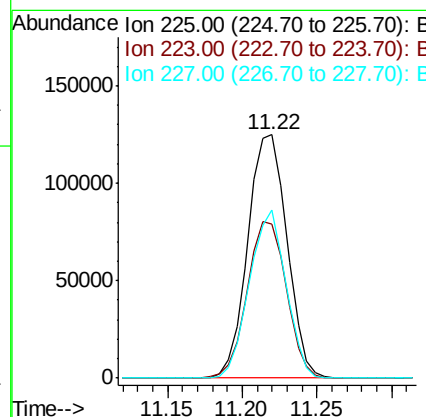
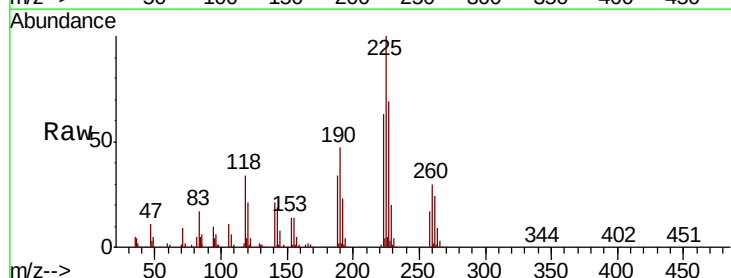
Manual Integrations  
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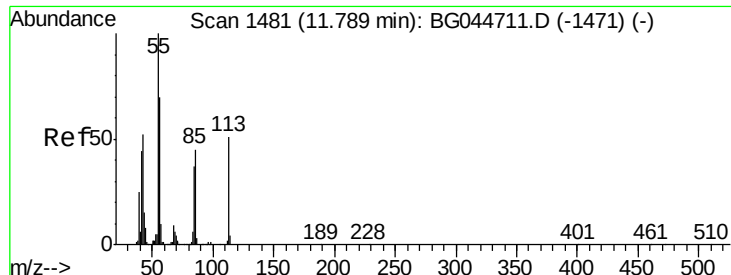
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#34  
Hexachlorobutadiene  
Concen: 38.613 ng  
RT: 11.22 min Scan# 1384  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.2  | 50.6 | 76.0  |       |
| 227     | 69.1  | 51.6 | 77.4  |       |





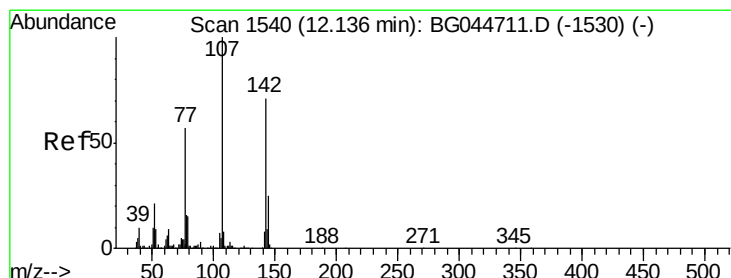
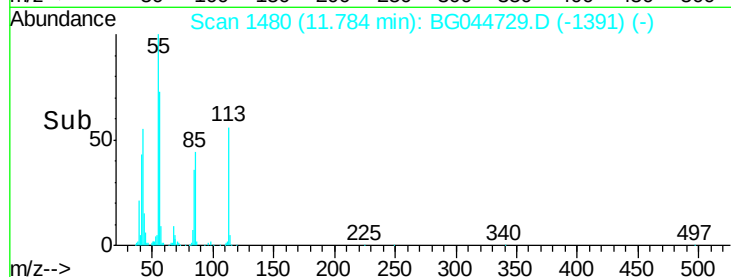
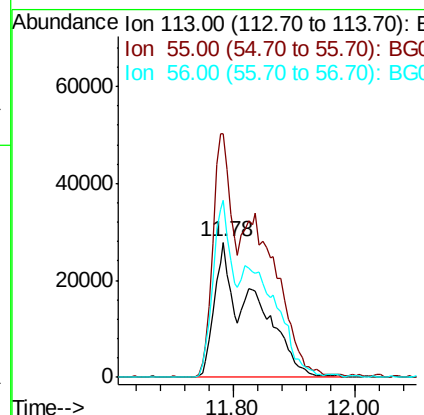
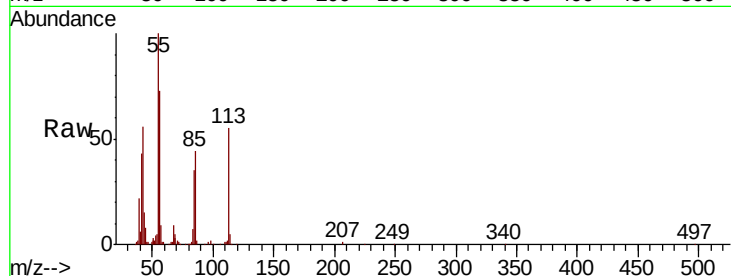
#35  
 Caprolactam  
 Concen: 44.776 ng/ml  
 RT: 11.78 min Scan# 1480  
 Delta R.T. -0.01 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 180.3 | 178.4 | 218.4 |
| 56      | 131.4 | 117.7 | 157.7 |

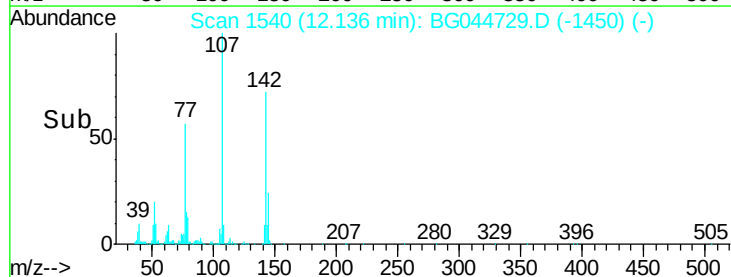
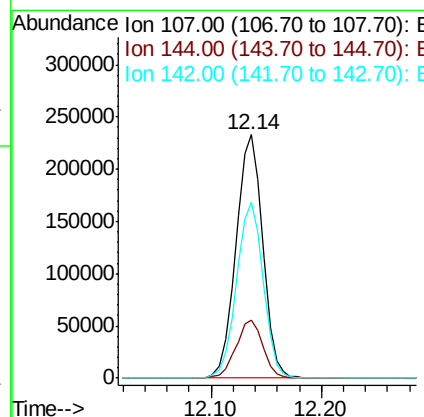
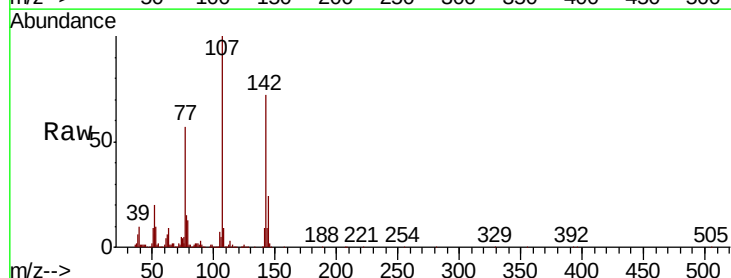
Manual Integrations  
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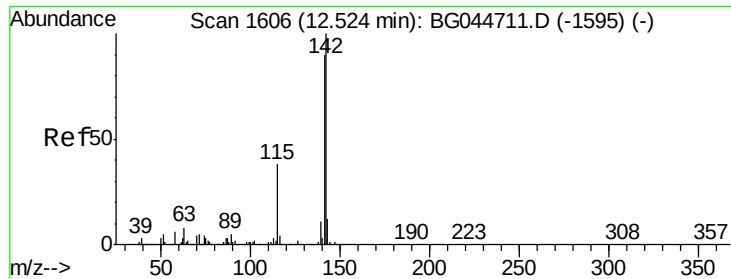
mohammad  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 44.480 ng/ml  
 RT: 12.14 min Scan# 1540  
 Delta R.T. 0.00 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.7  | 19.6  | 29.4  |
| 142     | 72.4  | 56.5  | 84.7  |





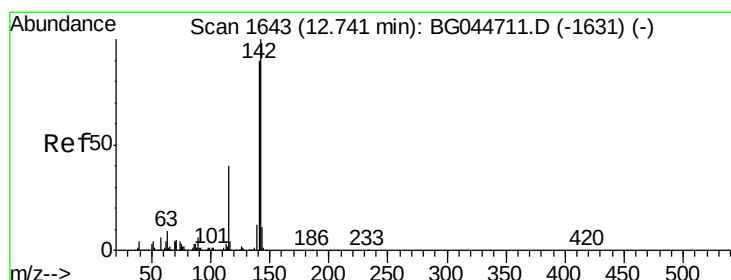
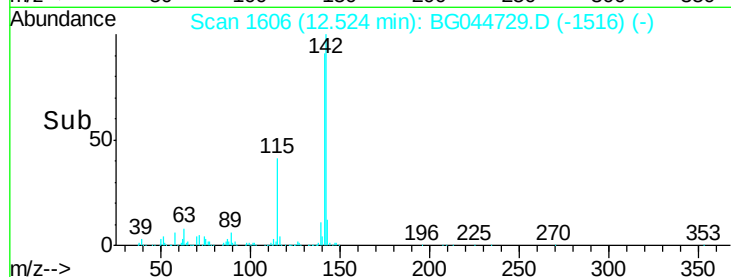
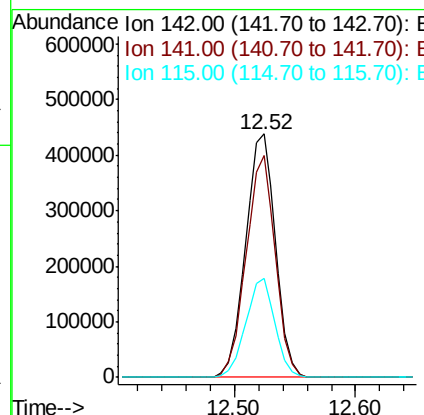
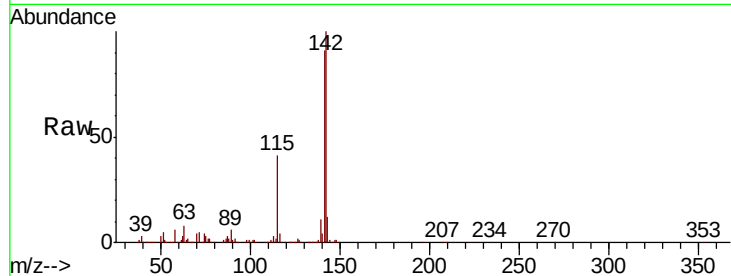
#37  
2-Methylnaphthalene  
Concen: 41.121 ng  
RT: 12.52 min Scan# 1606  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.3  | 72.3  | 108.5 |
| 115     | 40.8  | 30.6  | 45.8  |

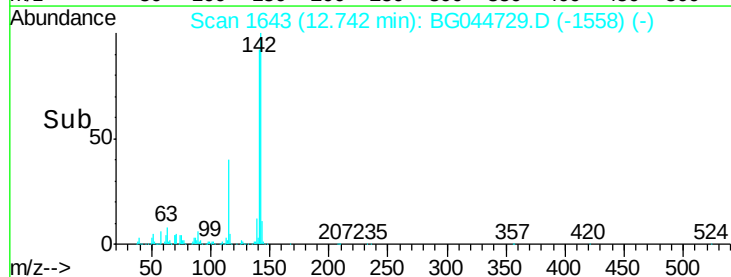
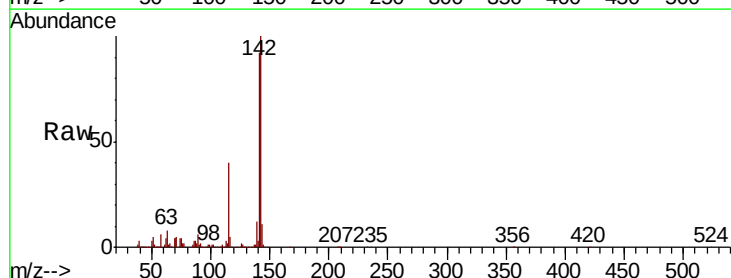
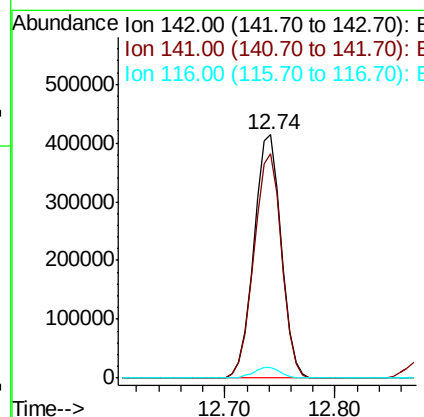
Manual Integrations  
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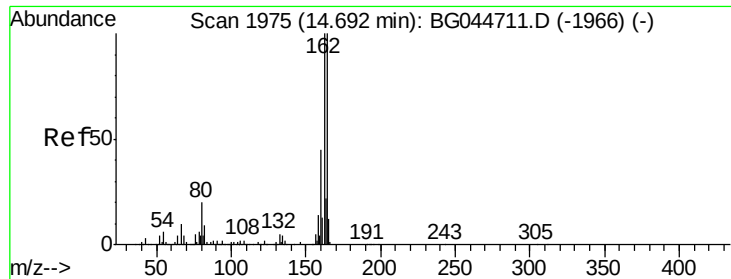
mohammad  
3/16/2020 1:48:08 PM



#38  
1-Methylnaphthalene  
Concen: 41.772 ng  
RT: 12.74 min Scan# 1643  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 72.2  | 108.2 |
| 116     | 4.5   | 3.5   | 5.3   |





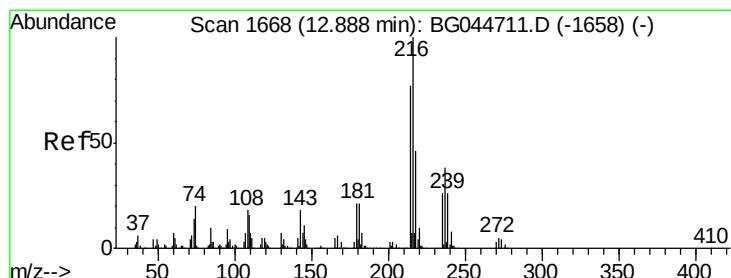
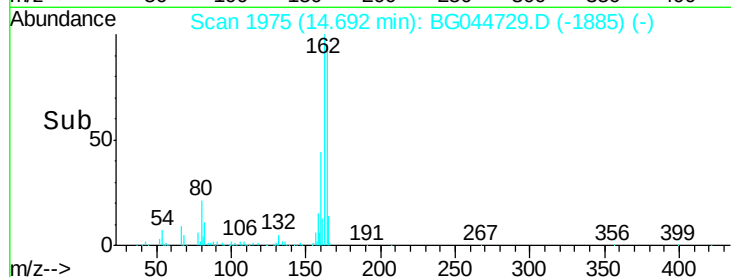
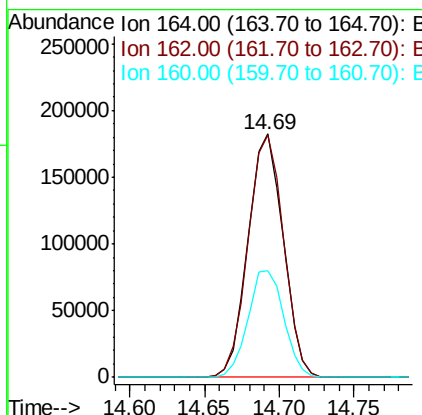
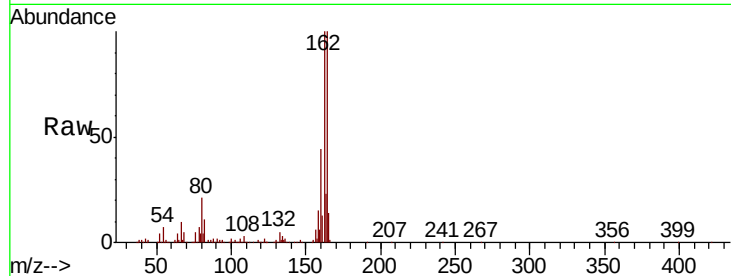
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.7  | 80.2  | 120.4 |
| 160     | 44.0  | 36.2  | 54.2  |

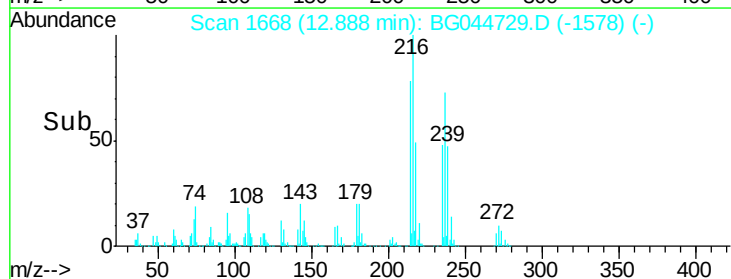
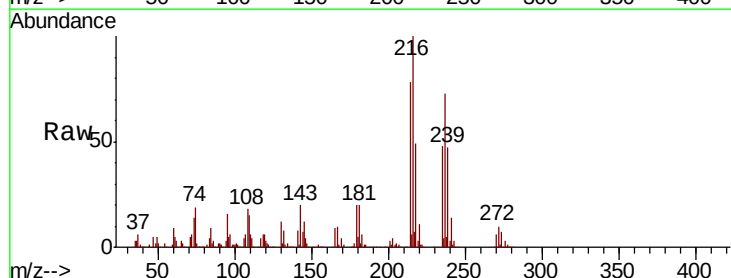
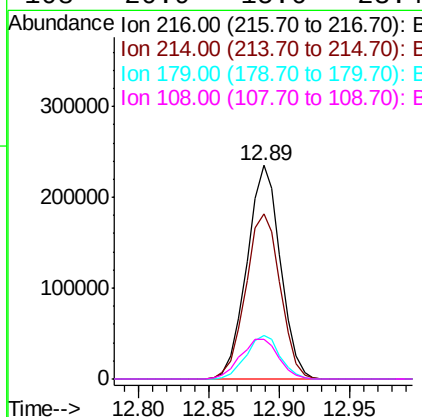
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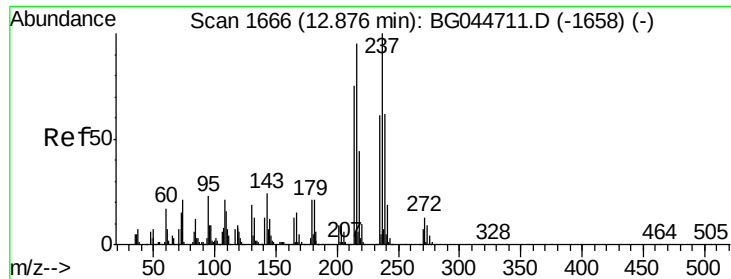


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.085 ng  
RT: 12.89 min Scan# 1668  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 63.0  | 94.4  |
| 179     | 20.7  | 16.6  | 24.8  |
| 108     | 20.9  | 15.6  | 23.4  |







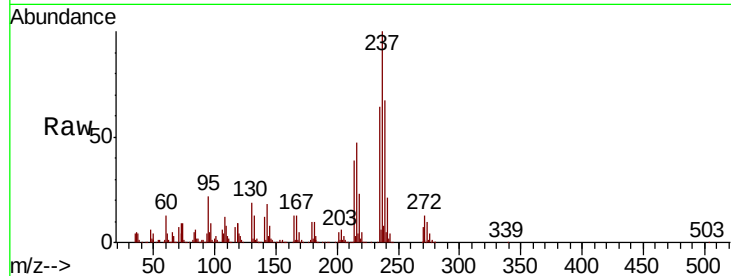
#41  
Hexachlorocyclopentadiene  
Concen: 84.404 ng  
RT: 12.88 min Scan# 1666  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

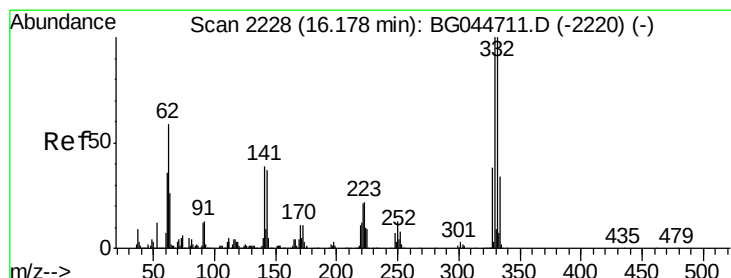
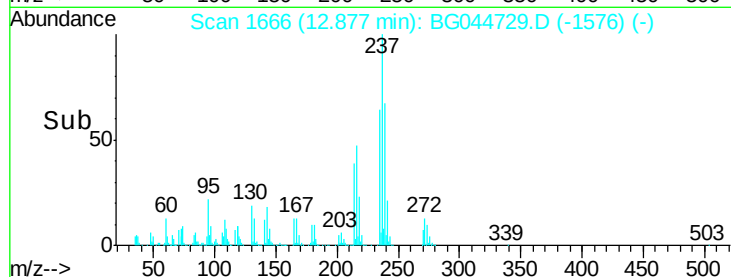
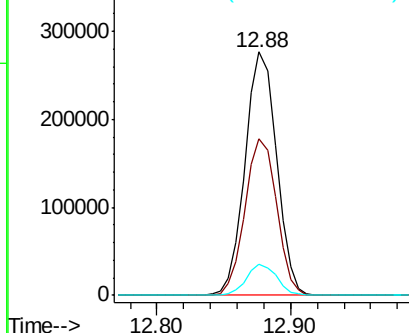
| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 64.4  | 40.6       | 80.6       |
| 272     | 12.7  | 0.0        | 32.5       |

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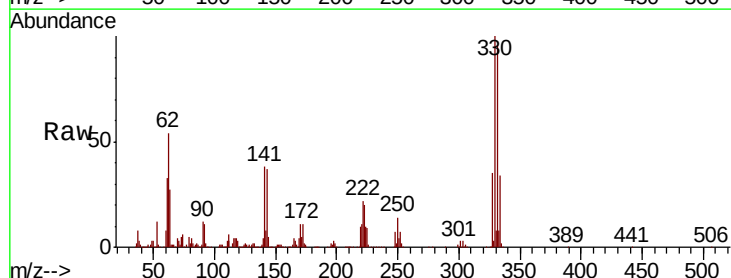


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

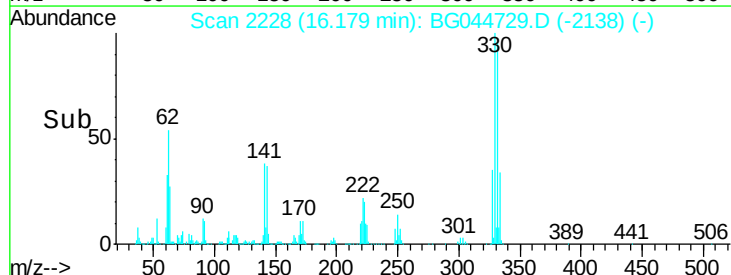
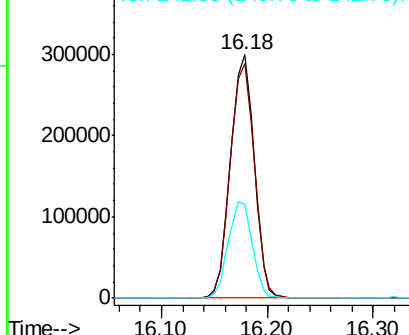


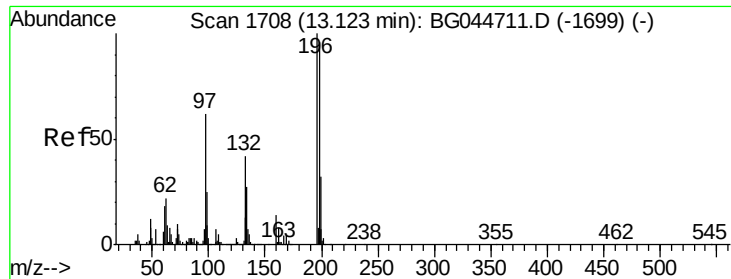
#42  
2,4,6-Tribromophenol  
Concen: 119.080 ng  
RT: 16.18 min Scan# 2228  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 98.4  | 77.5       | 116.3      |
| 141     | 40.1  | 31.7       | 47.5       |



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





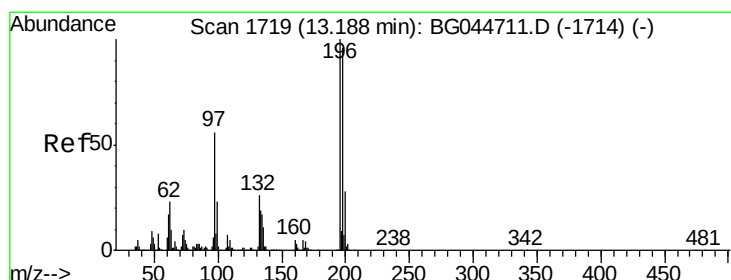
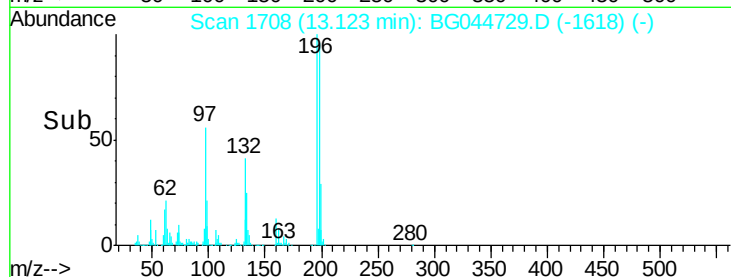
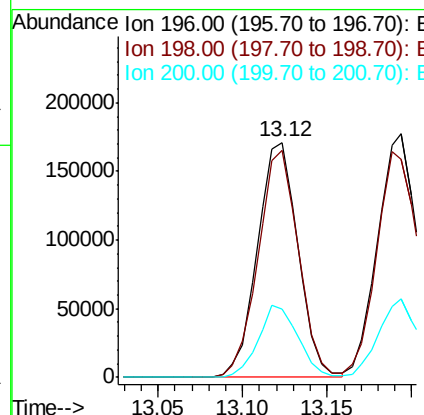
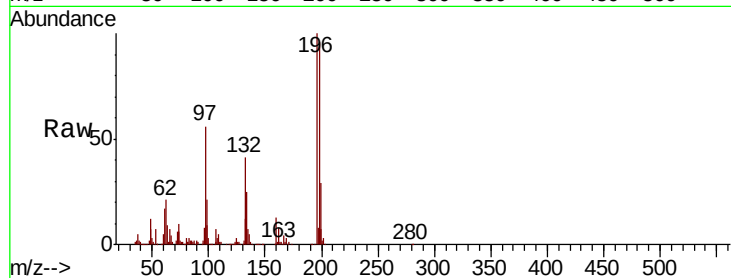
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.122 ng  
 RT: 13.12 min Scan# 1708  
 Delta R.T. 0.00 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.4  | 76.5  | 114.7 |
| 200     | 29.2  | 25.9  | 38.9  |

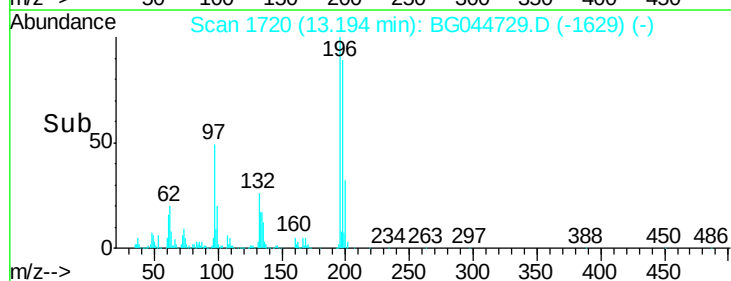
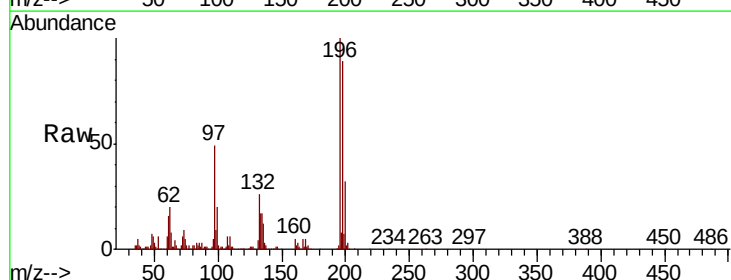
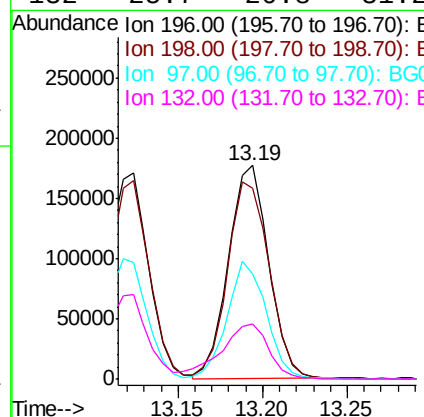
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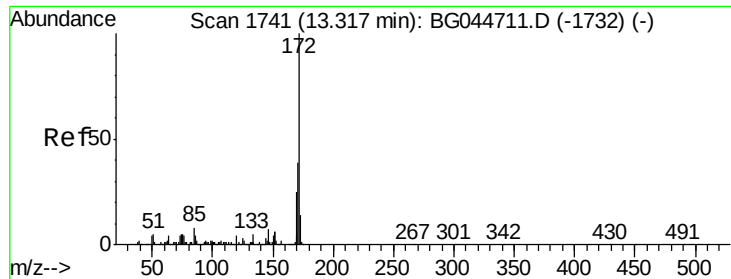
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 43.662 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. 0.01 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 89.4  | 77.3  | 115.9 |
| 97      | 49.2  | 44.9  | 67.3  |
| 132     | 25.7  | 20.8  | 31.2  |





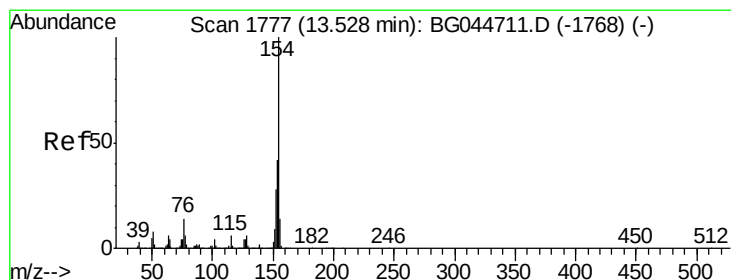
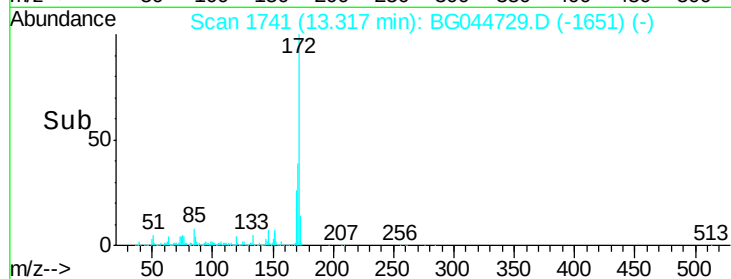
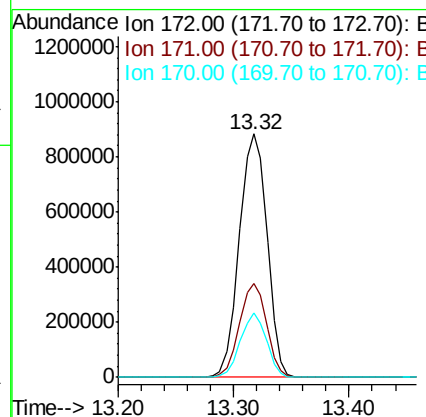
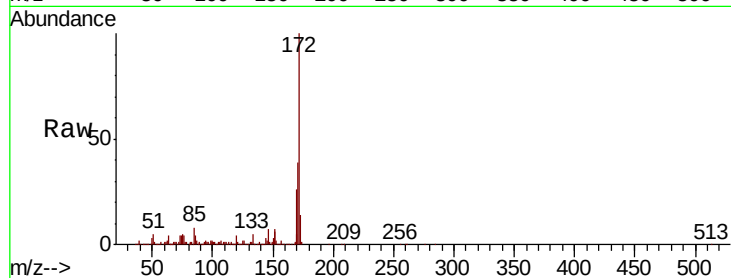
#45  
2-Fluorobiphenyl  
Concen: 70.861 ng  
RT: 13.32 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.7  | 30.8  | 46.2  |
| 170     | 26.4  | 20.0  | 30.0  |

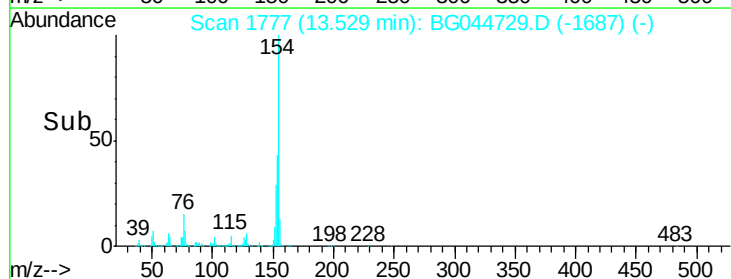
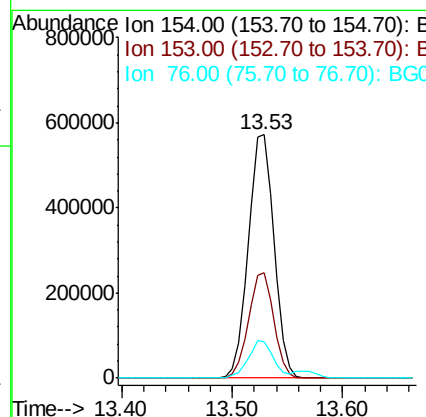
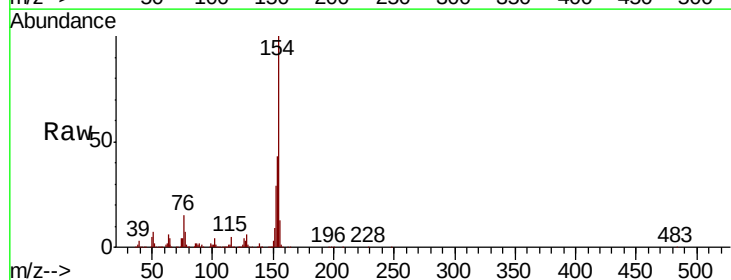
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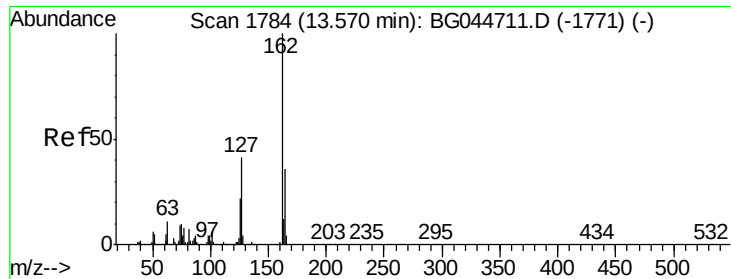
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 39.610 ng  
RT: 13.53 min Scan# 1777  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.0  | 22.0  | 62.0  |
| 76      | 15.1  | 0.0   | 34.2  |





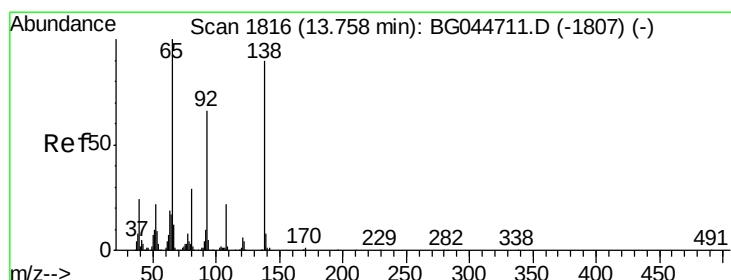
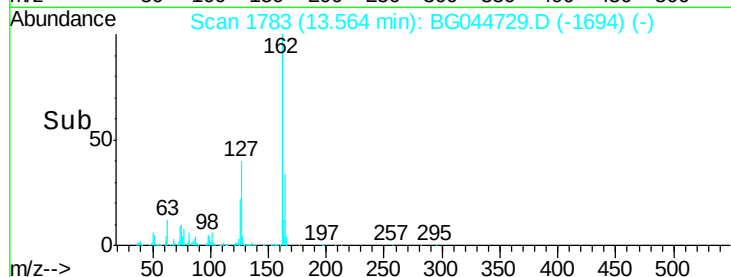
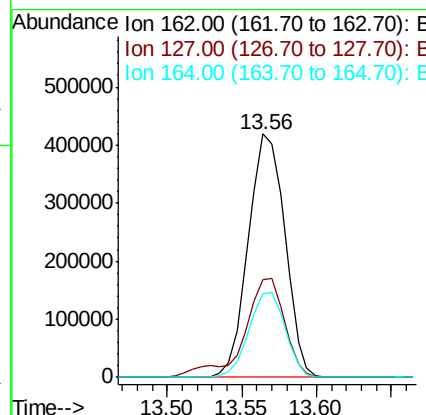
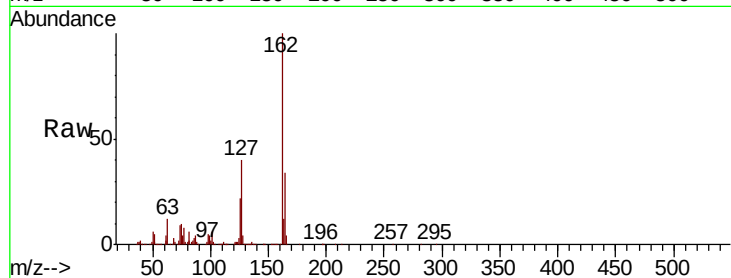
#47  
 2-Chloronaphthalene  
 Concen: 39.306 ng  
 RT: 13.56 min Scan# 1783  
 Delta R.T. -0.01 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.3  | 32.6  | 48.8  |
| 164     | 34.4  | 29.0  | 43.4  |

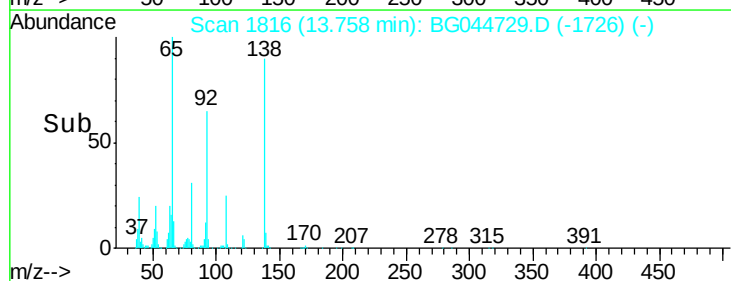
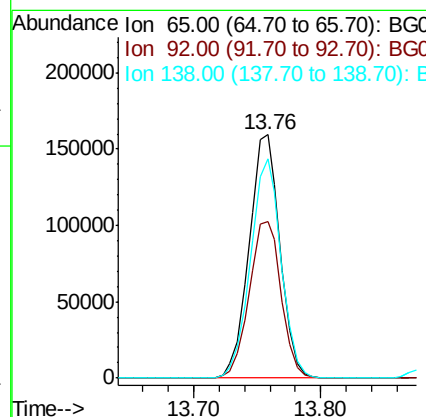
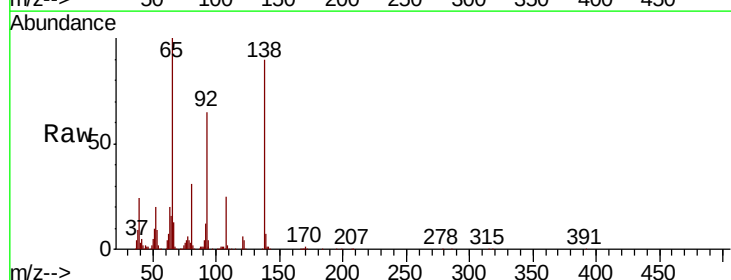
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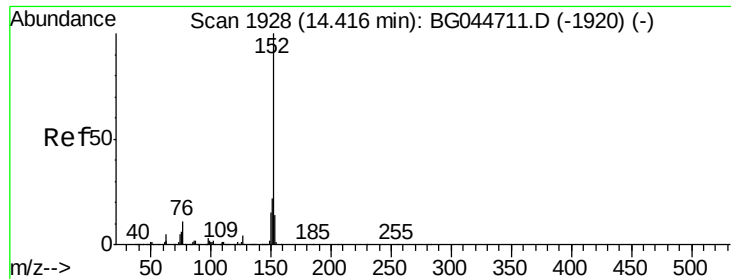
mohammad  
 3/16/2020 1:48:08 PM



#48  
 2-Nitroaniline  
 Concen: 42.598 ng  
 RT: 13.76 min Scan# 1816  
 Delta R.T. 0.00 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.5  | 52.6  | 79.0  |
| 138     | 90.0  | 71.8  | 107.6 |





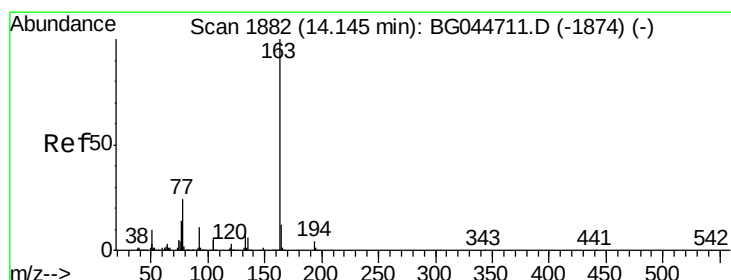
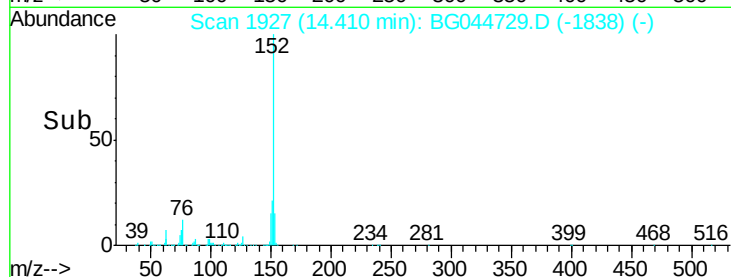
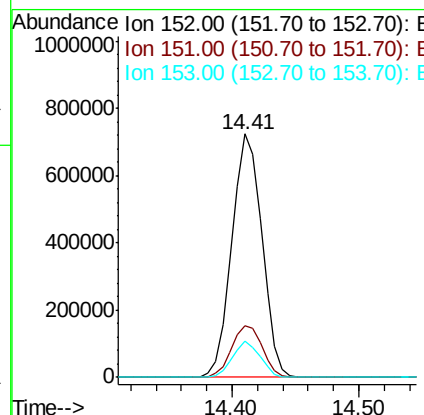
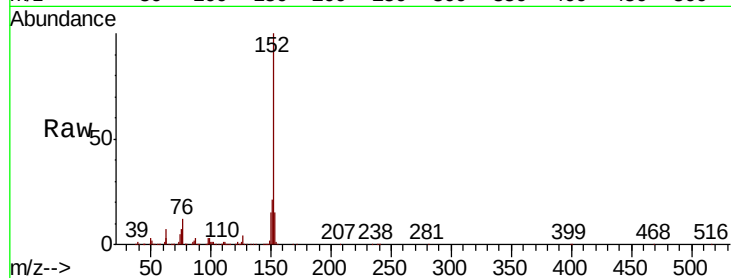
#49  
Acenaphthylene  
Concen: 41.910 ng  
RT: 14.41 min Scan# 1927  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 152     | 100  |       |       |       |
| 151     | 21.4 | 17.8  | 26.8  |       |
| 153     | 14.8 | 11.4  | 17.0  |       |

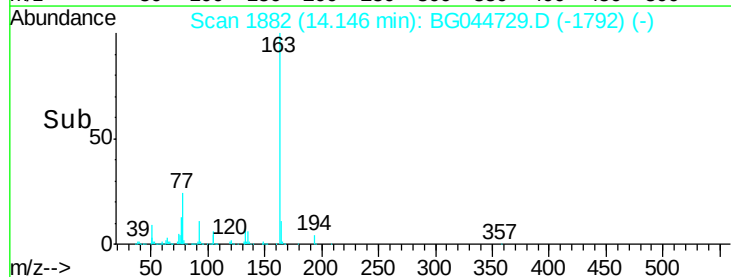
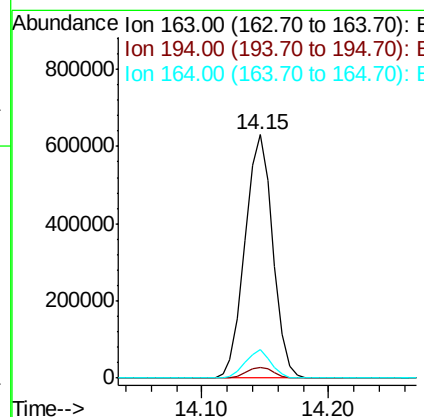
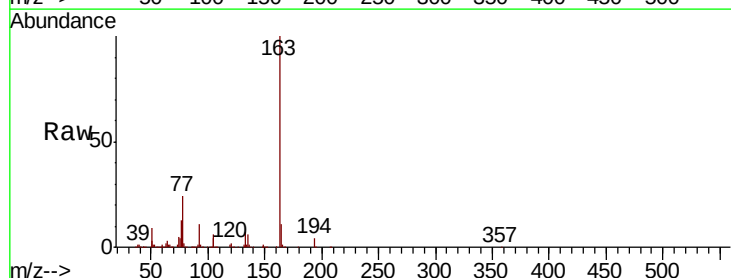
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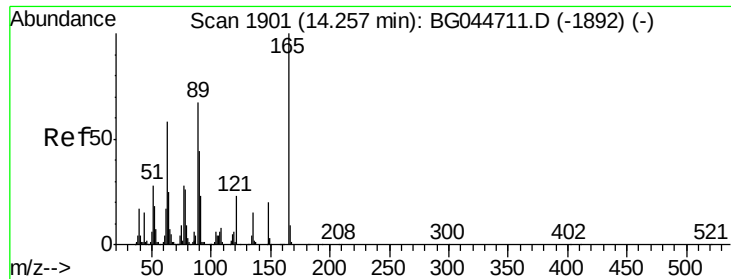
mohammad  
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#50  
Dimethylphthalate  
Concen: 40.472 ng  
RT: 14.15 min Scan# 1882  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 163     | 100  |       |       |       |
| 194     | 4.5  | 3.5   | 5.3   |       |
| 164     | 11.5 | 9.2   | 13.8  |       |





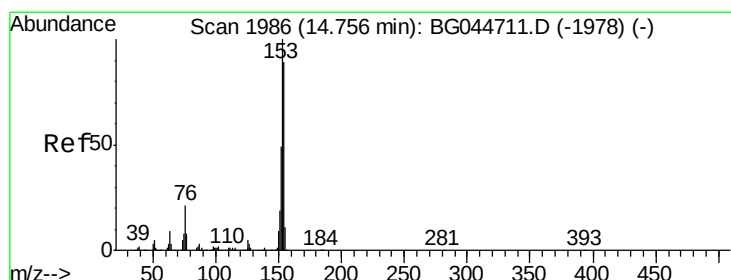
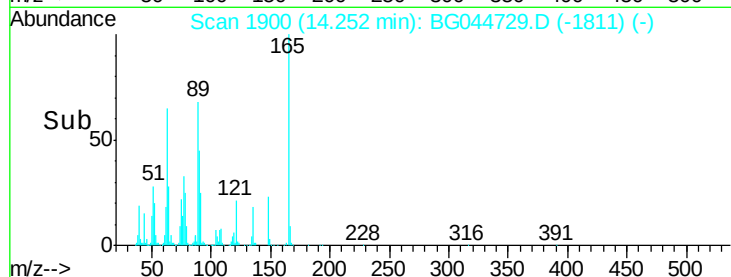
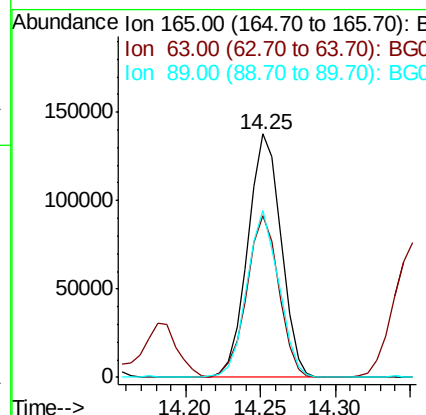
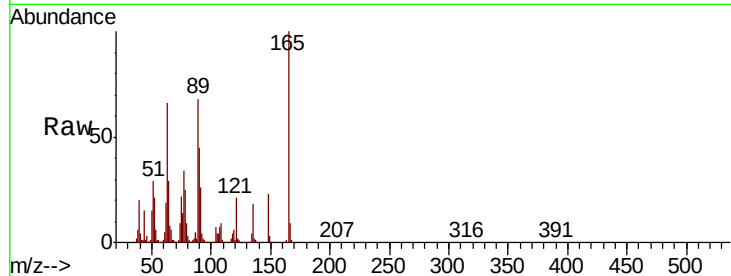
#51  
2,6-Dinitrotoluene  
Concen: 44.453 ng  
RT: 14.25 min Scan# 1900  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 211523 |       |       |
| 63      | 66.3  | 48.9   | 73.3  |       |
| 89      | 68.4  | 53.8   | 80.8  |       |

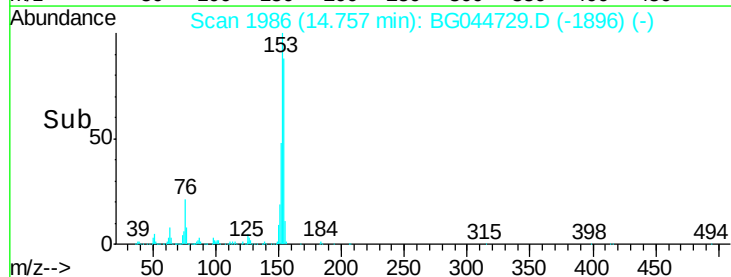
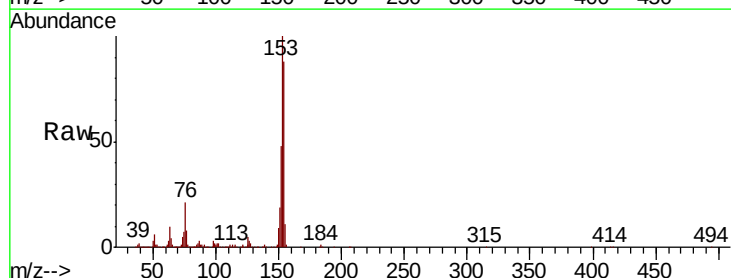
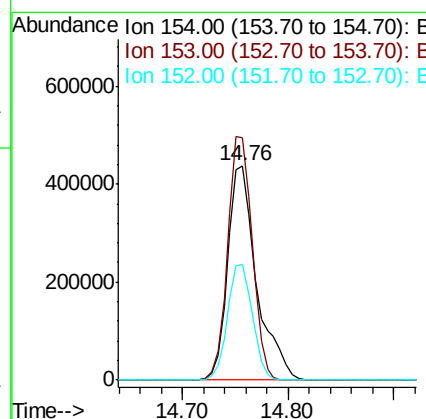
Manual Integrations  
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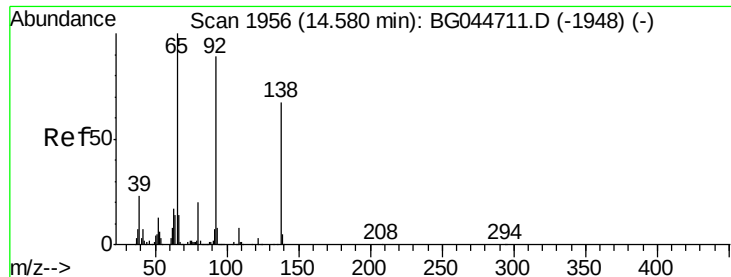
mohammad  
3/16/2020 1:48:08 PM



#52  
Acenaphthene  
Concen: 44.958 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 834616 |       |       |
| 153     | 113.1 | 89.8   | 134.8 |       |
| 152     | 54.1  | 44.4   | 66.6  |       |





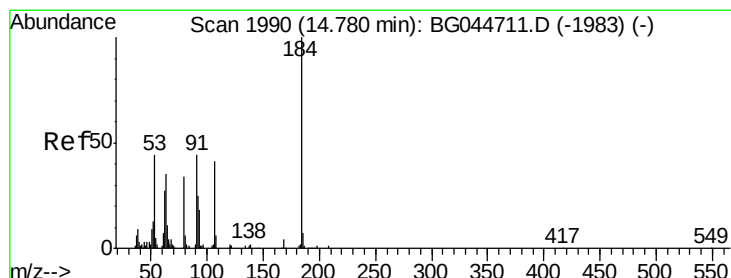
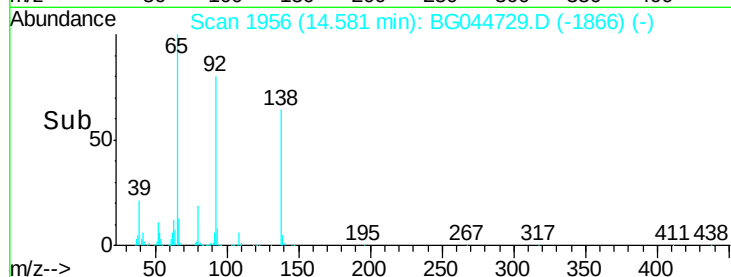
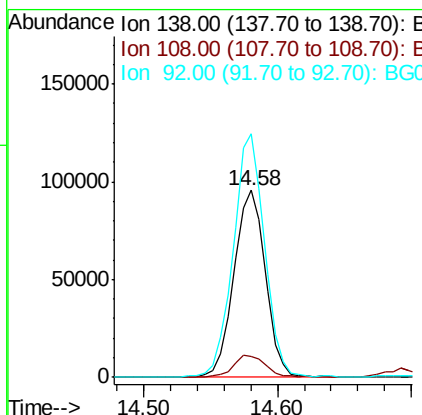
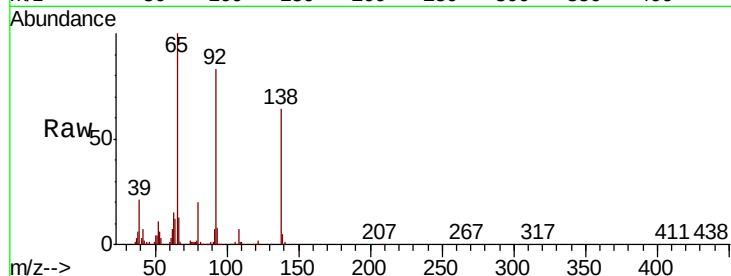
#53  
3-Nitroaniline  
Concen: 28.549 ng  
RT: 14.58 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.0  | 9.2   | 13.8  |
| 92      | 130.2 | 105.6 | 158.4 |

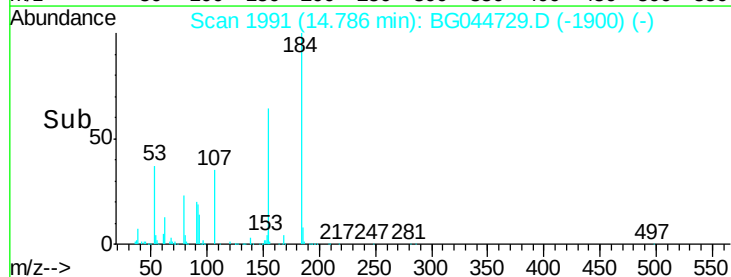
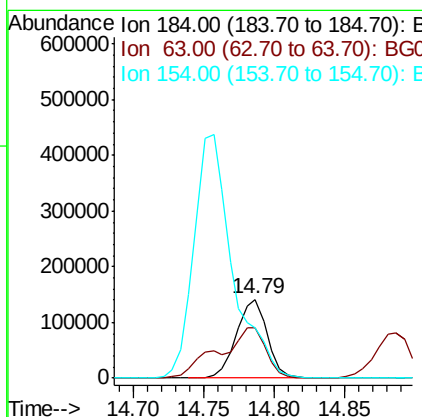
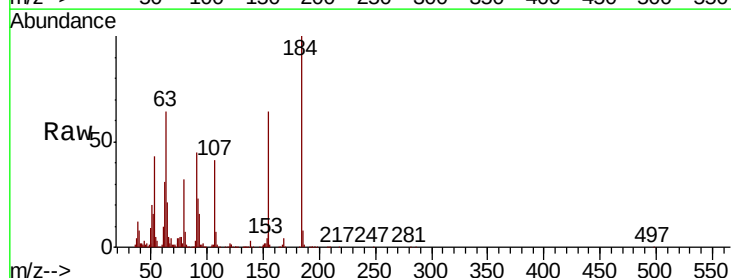
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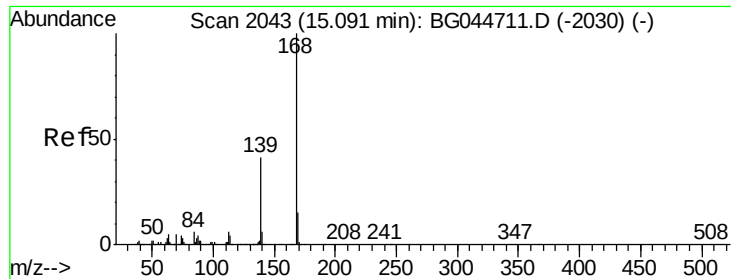
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 85.907 ng  
RT: 14.79 min Scan# 1991  
Delta R.T. 0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 64.3  | 49.0  | 73.6   |
| 154     | 64.0  | 94.5  | 141.7# |





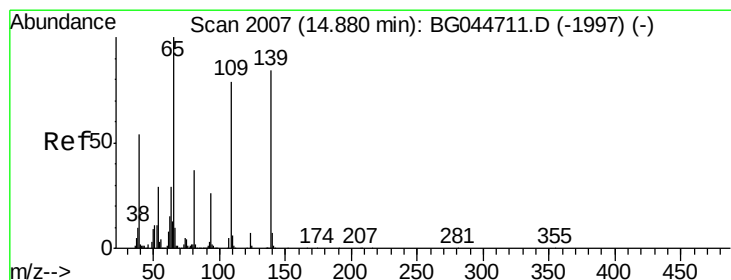
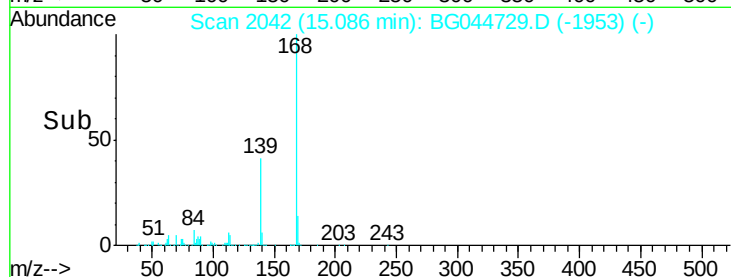
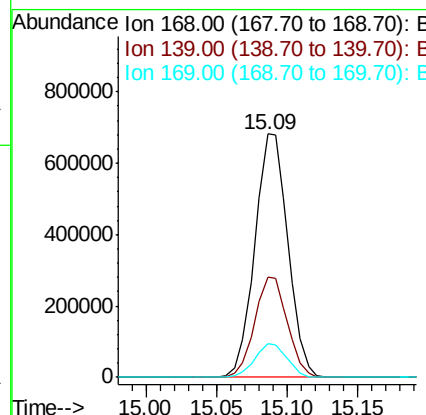
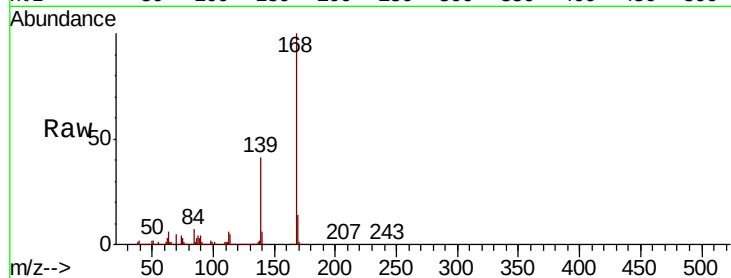
#55  
Dibenzofuran  
Concen: 41.693 ng  
RT: 15.09 min Scan# 2042  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.4  | 32.6  | 49.0  |
| 169     | 14.0  | 11.8  | 17.6  |

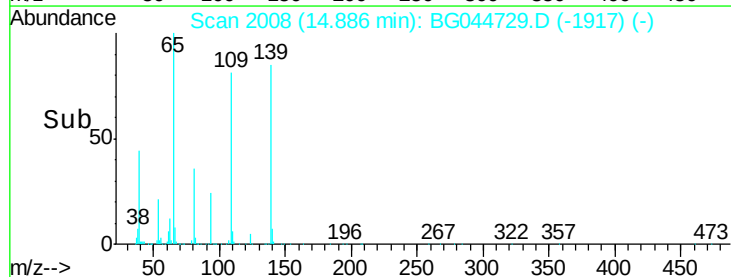
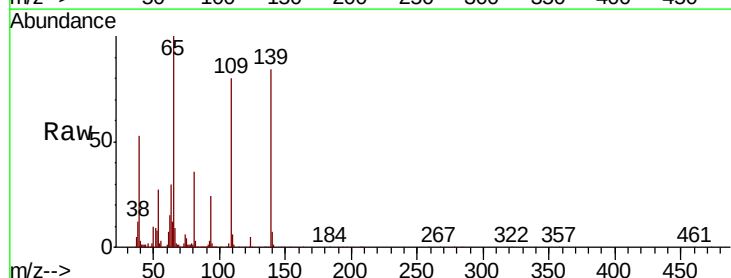
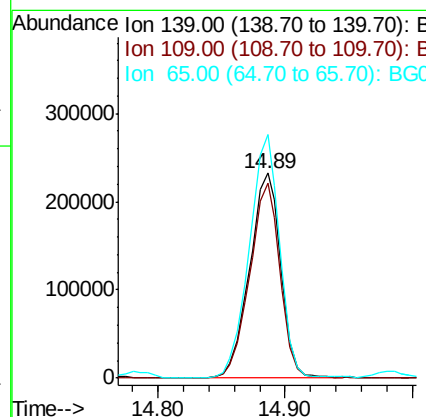
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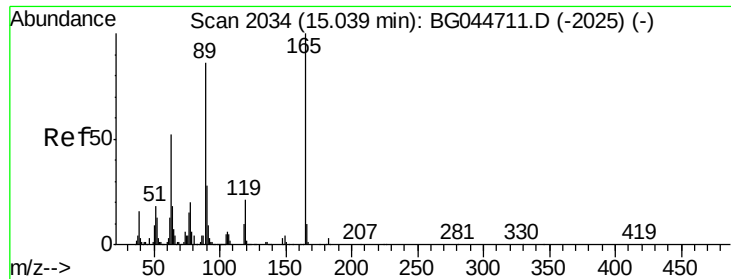


#56  
4-Nitrophenol  
Concen: 95.267 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 95.1  | 74.1  | 114.1 |
| 65      | 119.0 | 98.6  | 138.6 |







#57

2,4-Dinitrotoluene

Concen: 44.338 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

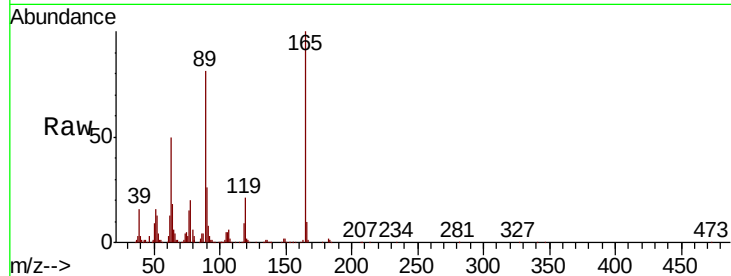
ClientSampleId :

PB127439BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 289345 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 50.3  | 41.5  | 62.3   |
| 89        | 80.7  | 69.0  | 103.4  |
| 182       | 2.3   | 2.7   | 4.1#   |

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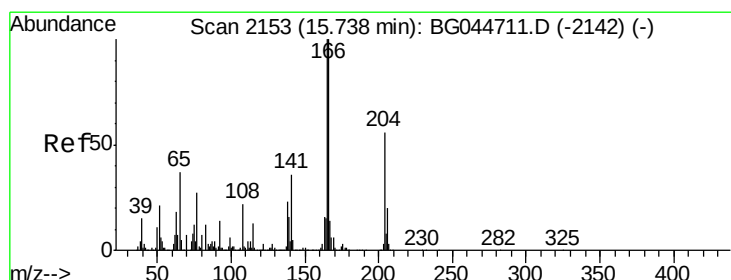
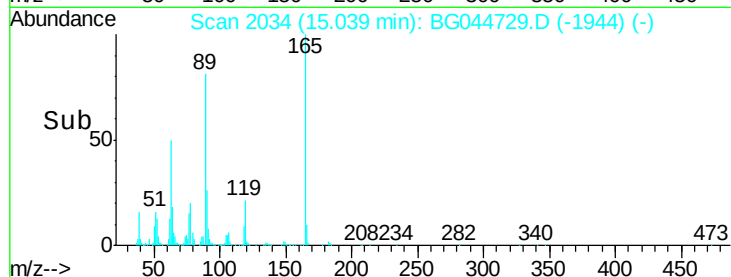
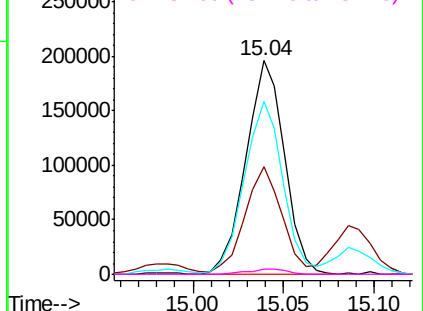
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.189 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

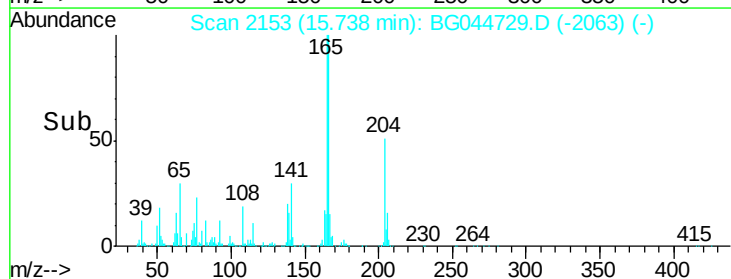
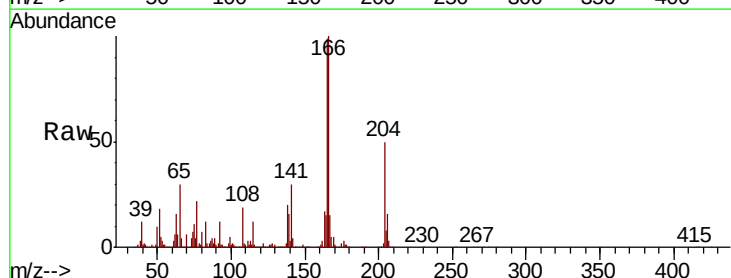
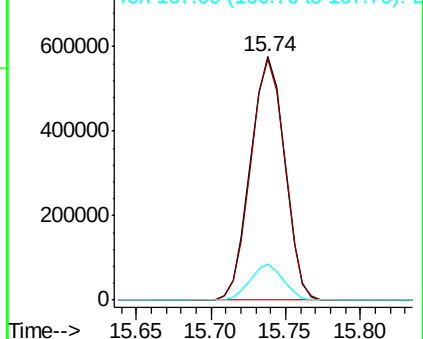
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 912141 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.8  | 79.6  | 119.4  |
| 167       | 15.0  | 11.4  | 17.2   |

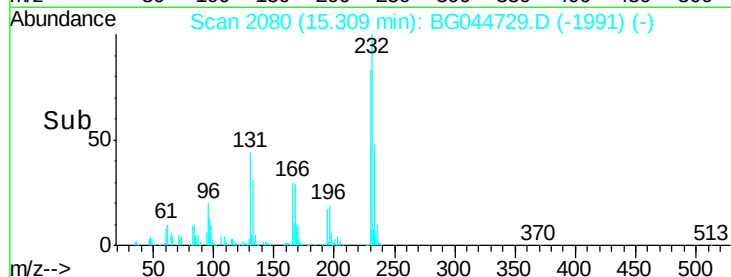
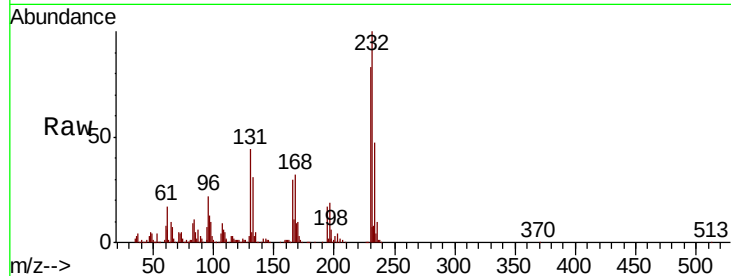
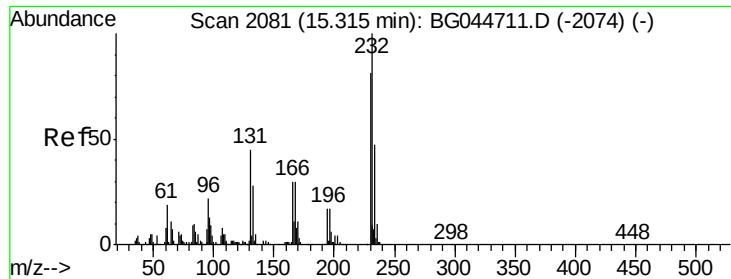
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





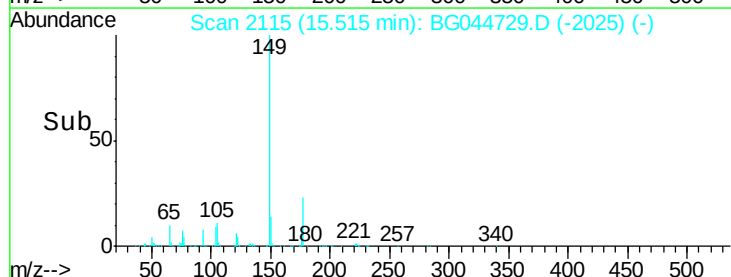
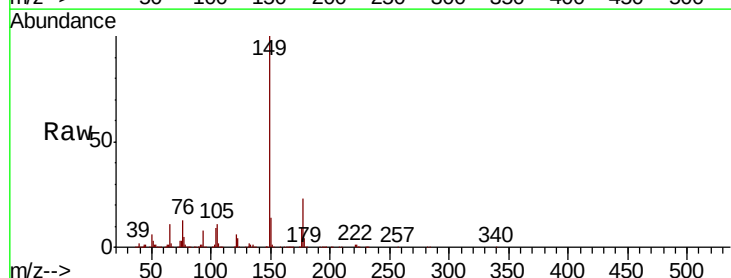
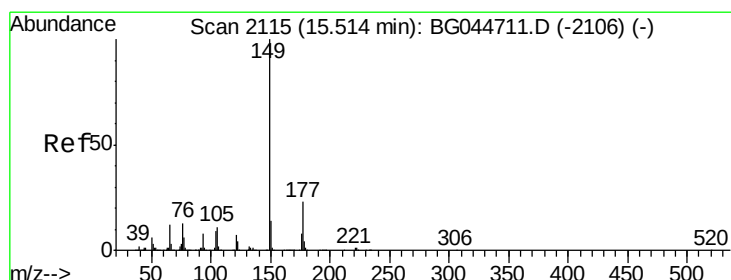
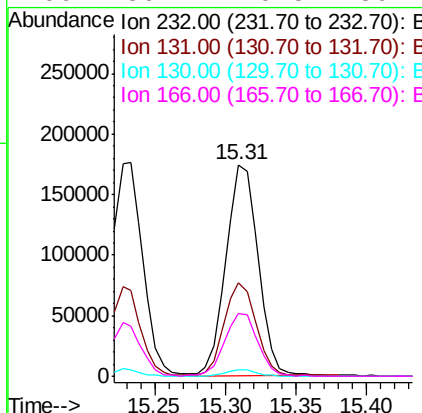
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.693 ng  
RT: 15.31 min Scan# 2080  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 276429 |       |       |
| 131     | 44.5  | 32.4   | 48.6  |       |
| 130     | 2.8   | 2.0    | 3.0   |       |
| 166     | 30.7  | 20.5   | 30.7  |       |

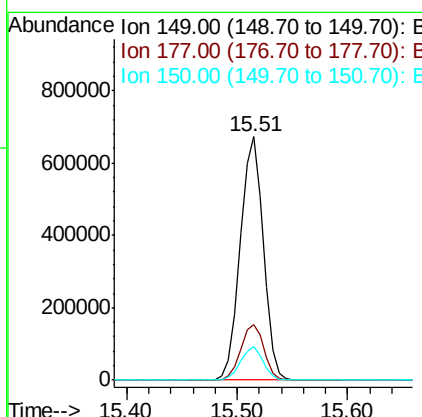
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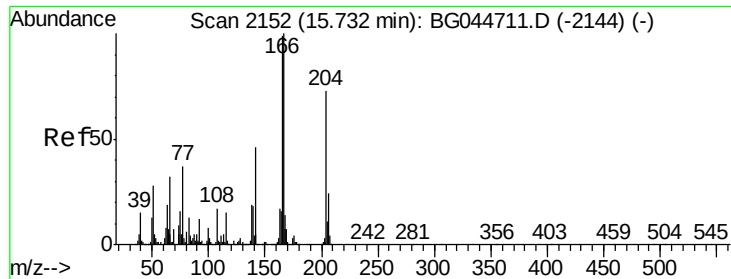
mohammad  
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#60  
Diethylphthalate  
Concen: 40.149 ng  
RT: 15.51 min Scan# 2115  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 988515 |       |       |
| 177     | 23.0  | 18.8   | 28.2  |       |
| 150     | 13.7  | 11.2   | 16.8  |       |





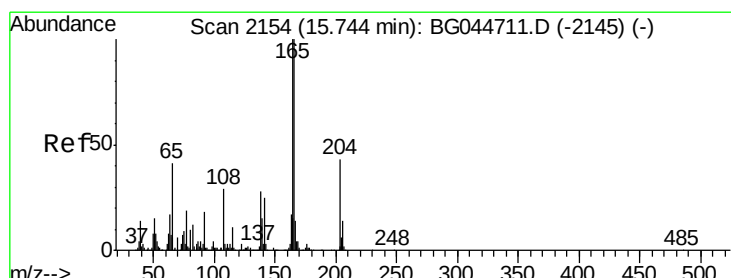
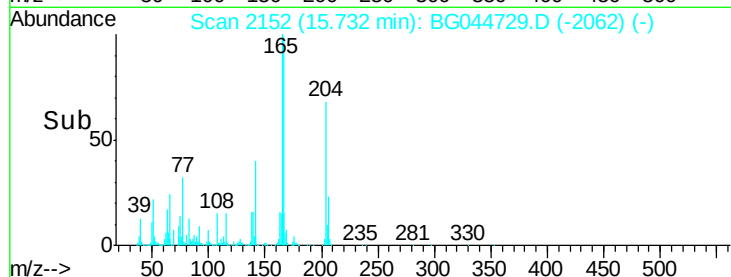
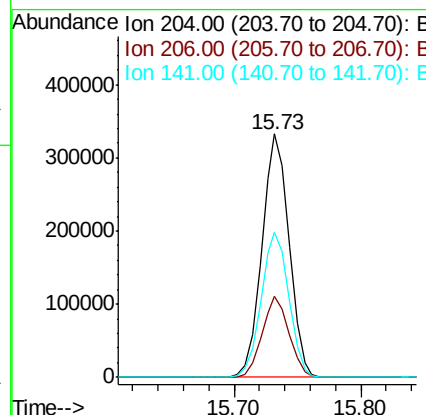
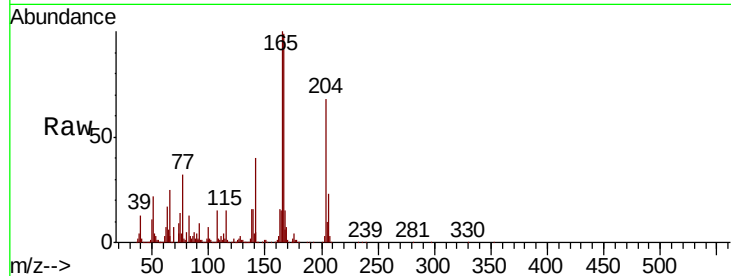
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.570 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. 0.00 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.4  | 25.8  | 38.6  |
| 141     | 59.7  | 50.8  | 76.2  |

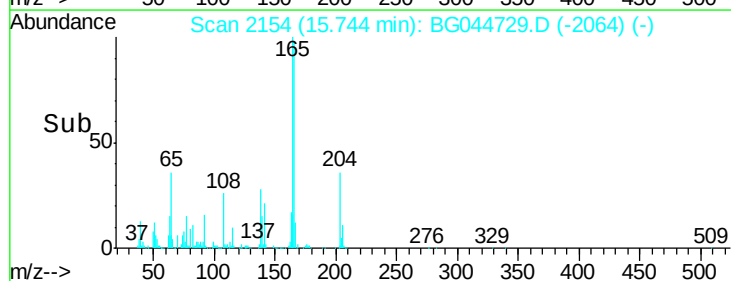
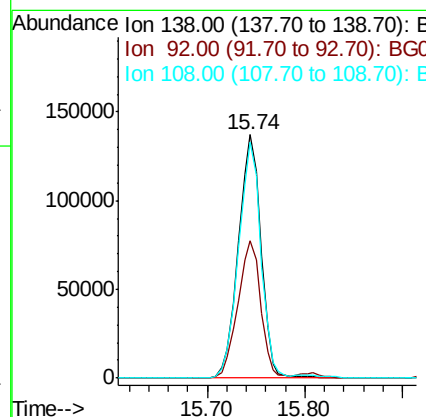
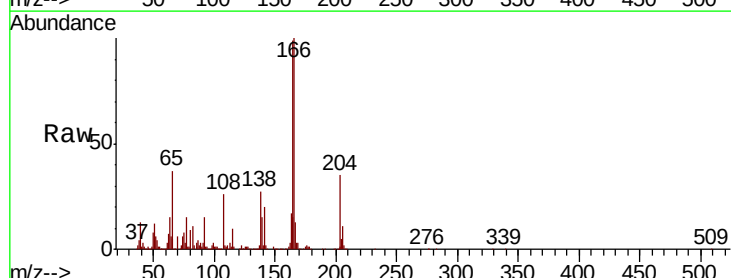
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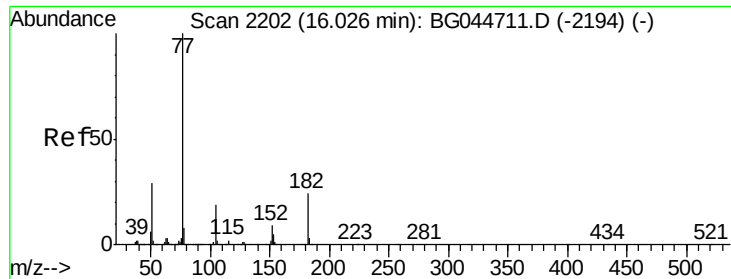
mohammad  
 3/16/2020 1:48:08 PM



#62  
 4-Nitroaniline  
 Concen: 37.981 ng  
 RT: 15.74 min Scan# 2154  
 Delta R.T. 0.00 min  
 Lab File: BG044729.D  
 Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.3  | 42.1  | 82.1  |
| 108     | 96.7  | 81.2  | 121.2 |





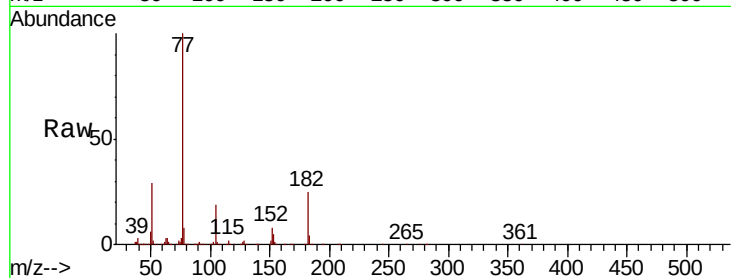
#63  
Azobenzene  
Concen: 41.074 ng  
RT: 16.03 min Scan# 2202  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

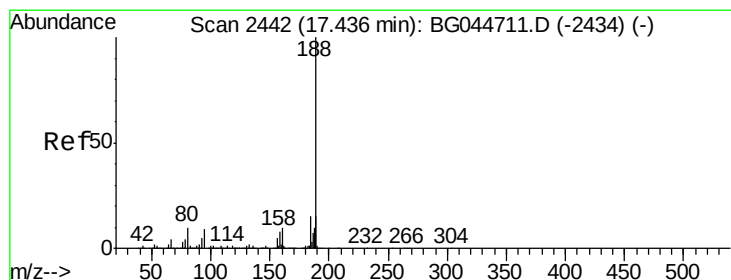
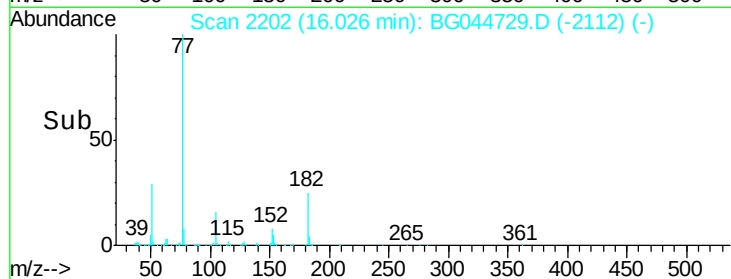
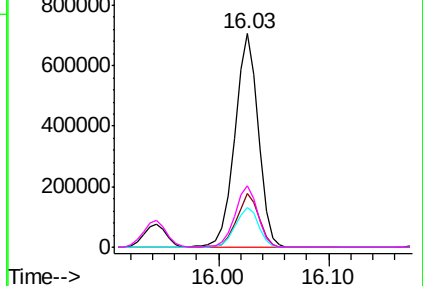
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 25.1 | 3.6   | 43.6  |       |
| 105     | 18.6 | 0.0   | 39.3  |       |
| 51      | 29.0 | 8.7   | 48.7  |       |

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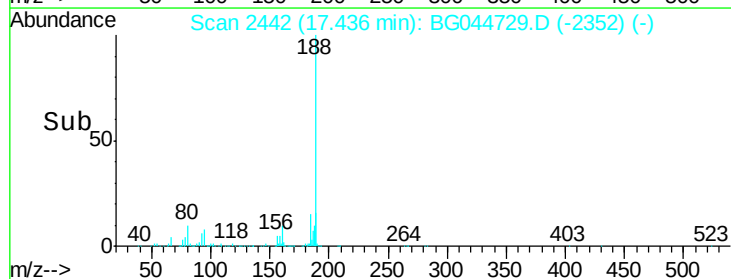
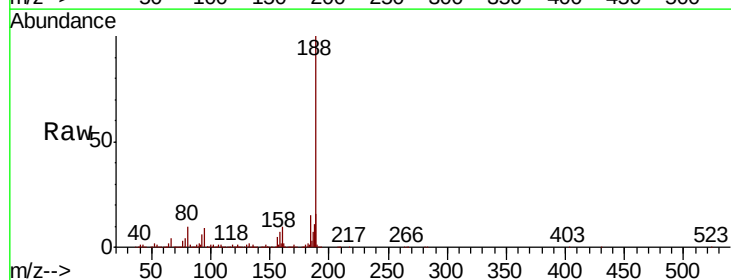
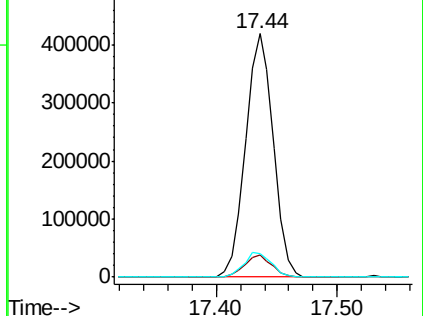
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

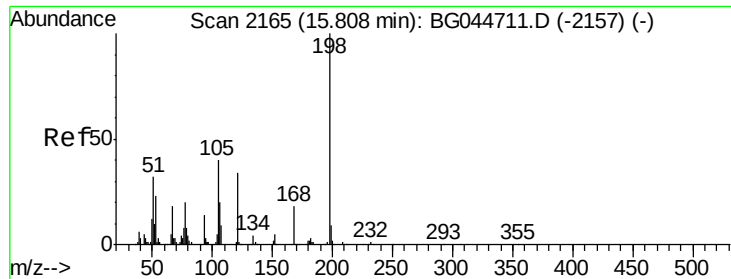


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 9.1 | 7.0   | 10.6  |       |
| 80      | 9.7 | 8.4   | 12.6  |       |

Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.823 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

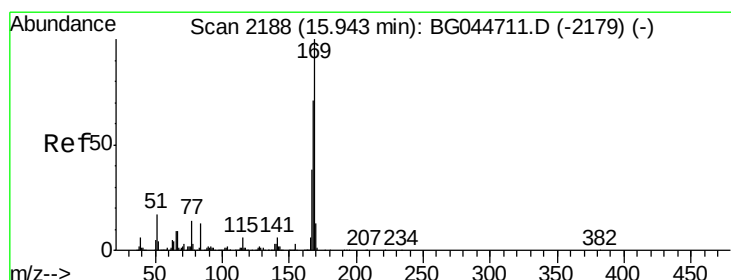
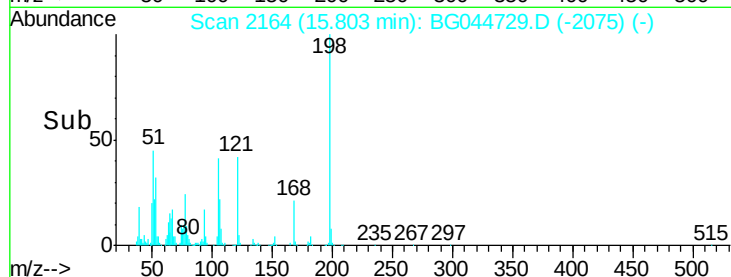
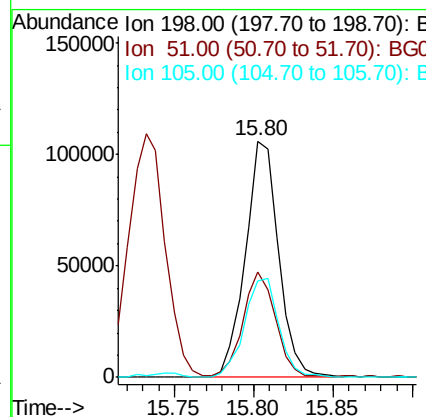
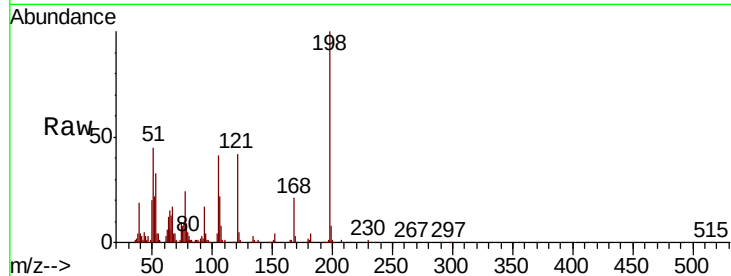
ClientSampleId :

PB127439BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 153913 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 44.9  | 20.1  | 60.1   |
| 105       | 41.1  | 21.3  | 61.3   |

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#66

n-Nitrosodiphenylamine

Concen: 41.536 ng

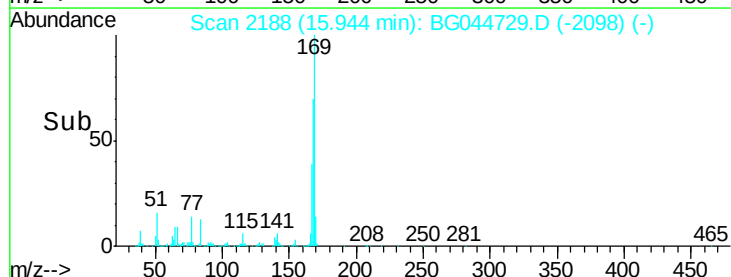
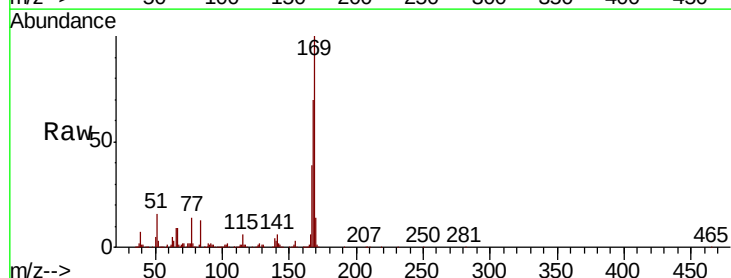
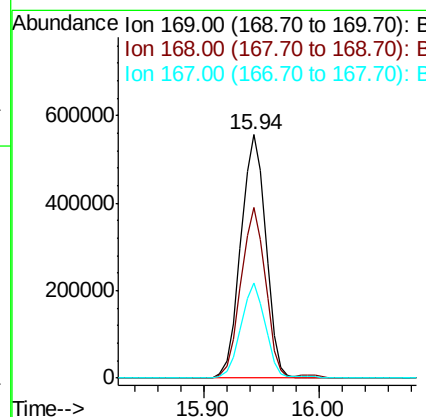
RT: 15.94 min Scan# 2188

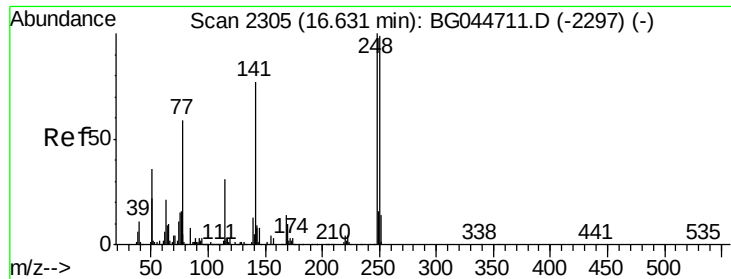
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 835035 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 70.1  | 56.6  | 85.0   |
| 167       | 39.1  | 30.1  | 45.1   |





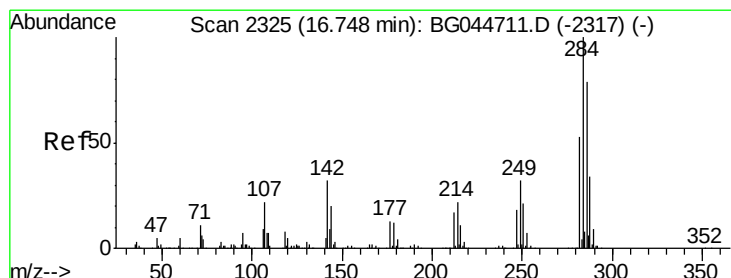
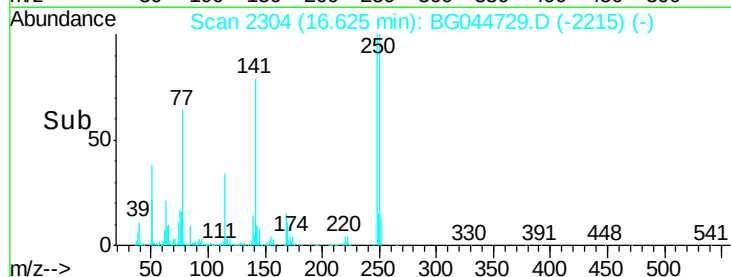
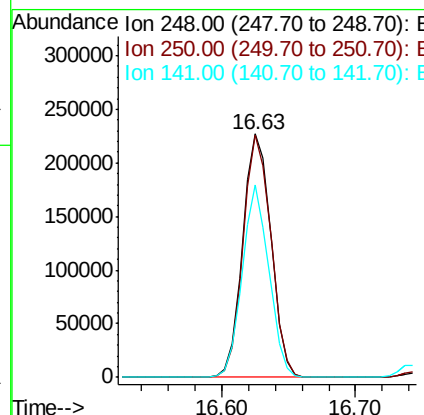
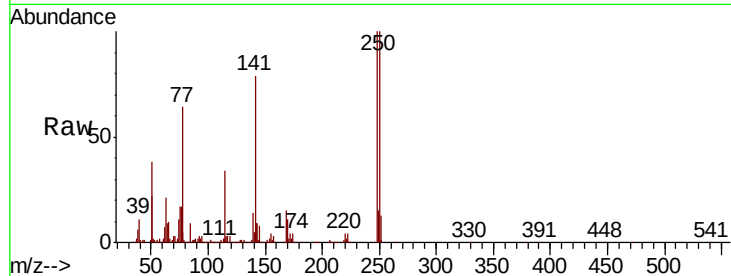
#67  
4-Bromophenyl-phenylether  
Concen: 39.749 ng  
RT: 16.63 min Scan# 2304  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.6  | 79.4  | 119.0 |
| 141     | 79.1  | 61.7  | 92.5  |

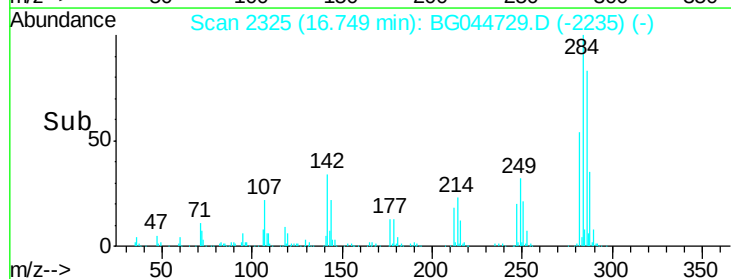
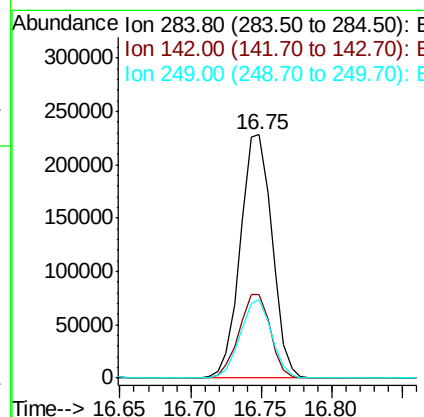
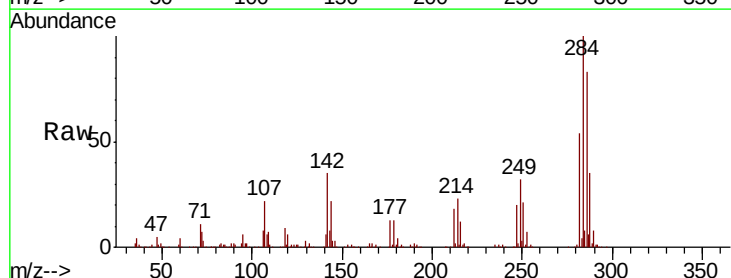
Manual Integrations  
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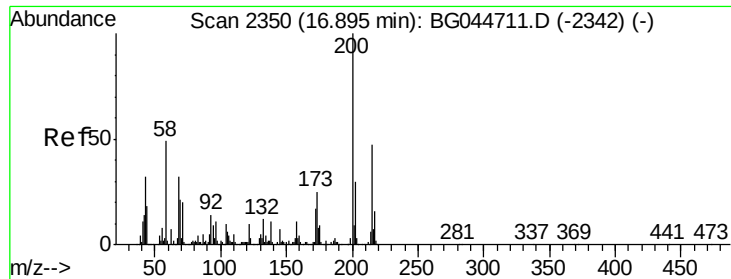
mohammad  
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#68  
Hexachlorobenzene  
Concen: 39.603 ng  
RT: 16.75 min Scan# 2325  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.5  | 25.6  | 38.4  |
| 249     | 32.0  | 25.8  | 38.6  |





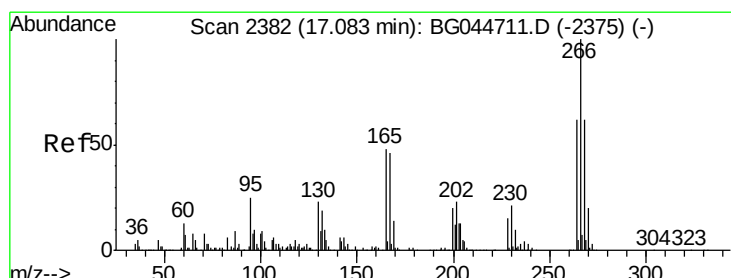
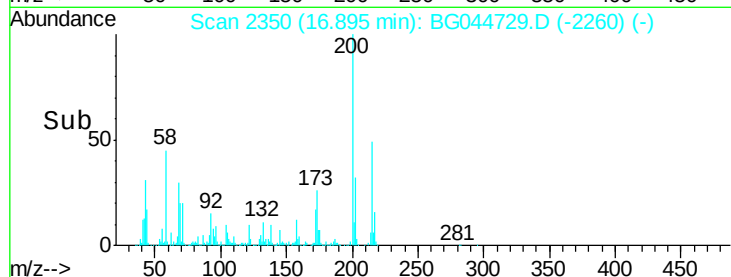
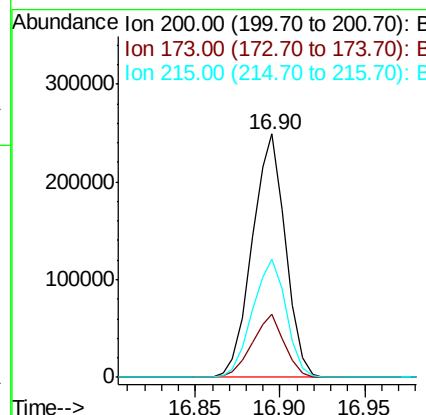
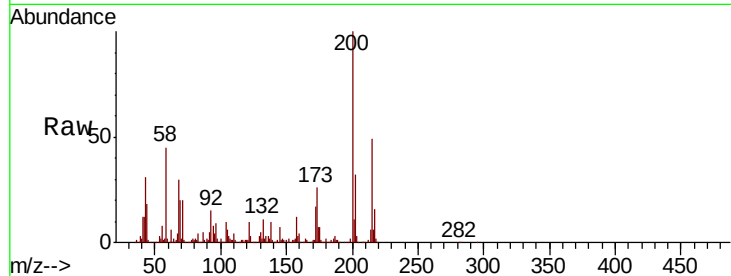
#69  
Atrazine  
Concen: 46.113 ng  
RT: 16.90 min Scan# 2350  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 26.1  | 4.8        | 44.8       |
| 215     | 48.5  | 27.4       | 67.4       |

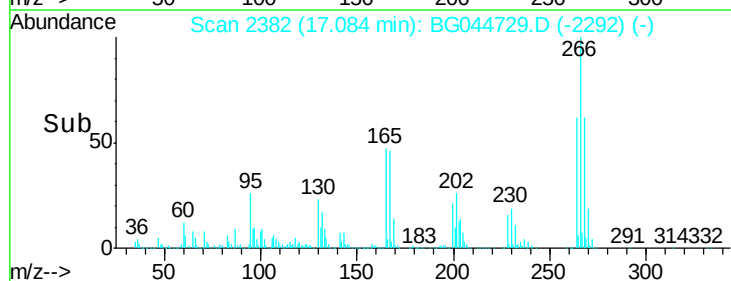
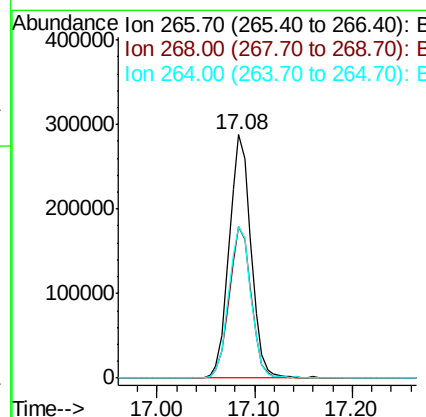
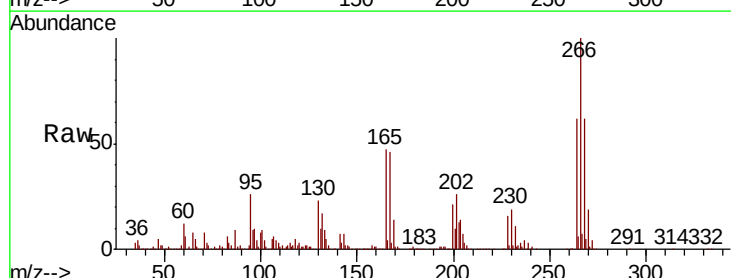
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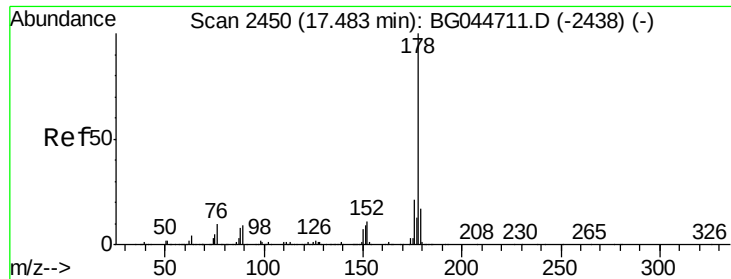
mohammad  
3/16/2020 1:48:08 PM



#70  
Pentachlorophenol  
Concen: 89.436 ng  
RT: 17.08 min Scan# 2382  
Delta R.T. 0.00 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 62.4  | 49.9       | 74.9       |
| 264     | 62.2  | 49.9       | 74.9       |





#71

Phenanthrene

Concen: 40.765 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

ClientSampleId :

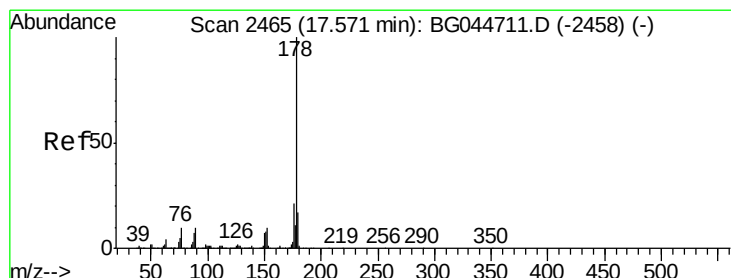
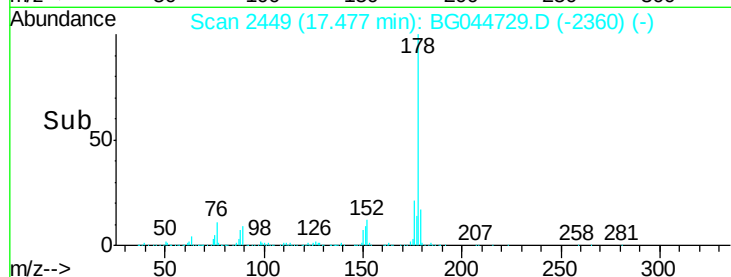
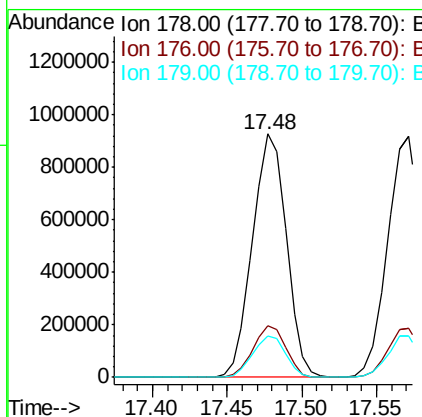
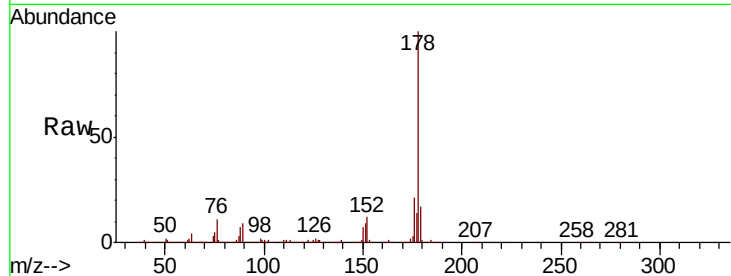
PB127439BS

Tot Ion:178 Resp: 1454641

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 21.4  | 17.0  | 25.6  |
| 179 | 16.9  | 13.7  | 20.5  |

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#72

Anthracene

Concen: 41.712 ng

RT: 17.57 min Scan# 2465

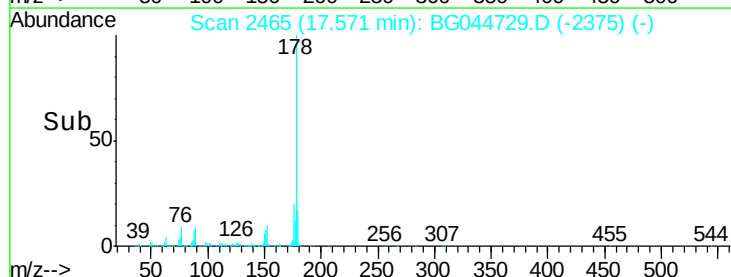
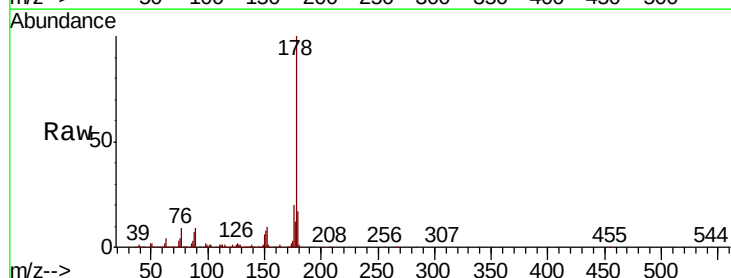
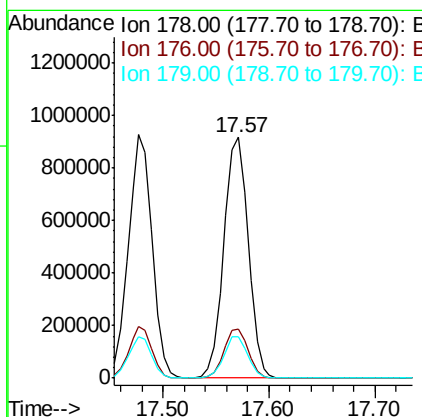
Delta R.T. 0.00 min

Lab File: BG044729.D

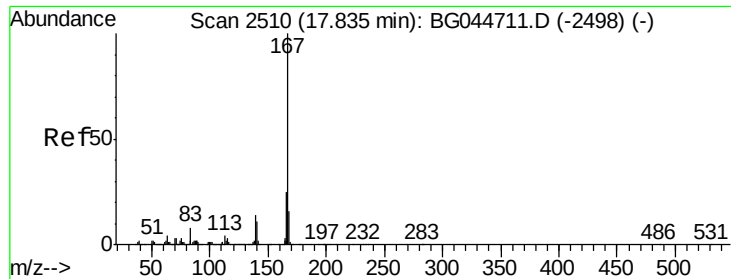
Acq: 12 Mar 2020 10:53

Tgt Ion:178 Resp: 1467668

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.4  | 17.0  | 25.6  |
| 179 | 17.0  | 13.8  | 20.8  |







#73

Carbazole

Concen: 40.476 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

ClientSampleId :

PB127439BS

Tot Ion:167 Resp: 1368037

Ion Ratio Lower Upper

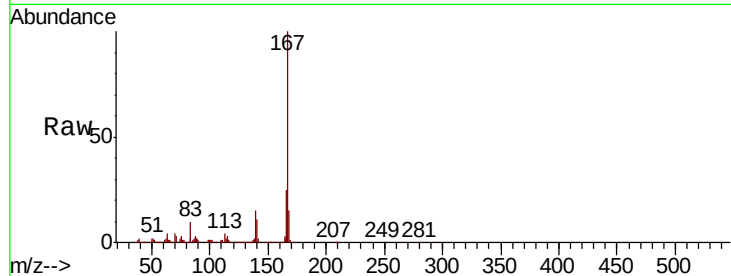
167 100

166 24.9 19.6 29.4

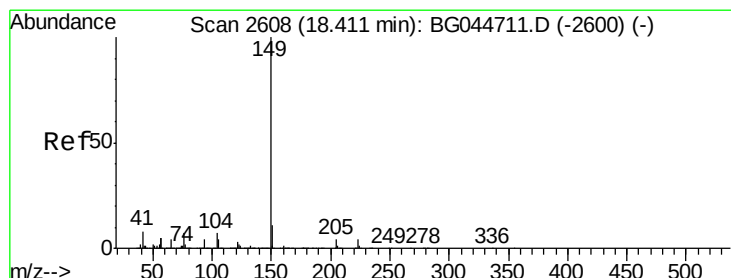
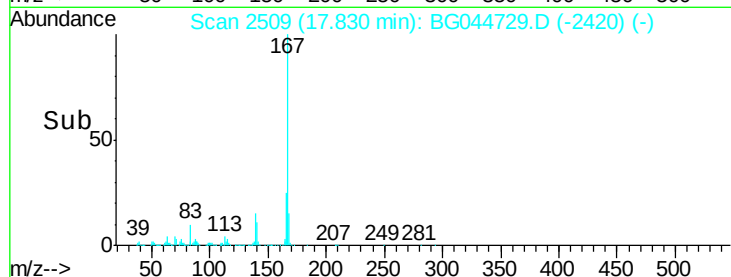
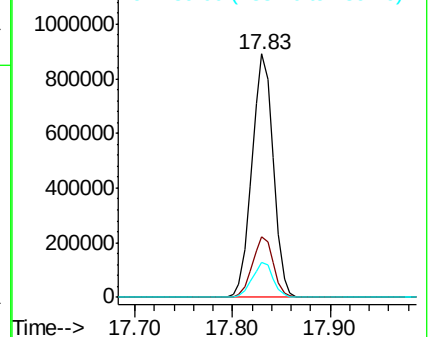
139 14.5 11.4 17.2

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Abundance Ion 167.00 (166.70 to 167.70): E  
1200000 Ion 166.00 (165.70 to 166.70): E  
1000000 Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.202 ng

RT: 18.41 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

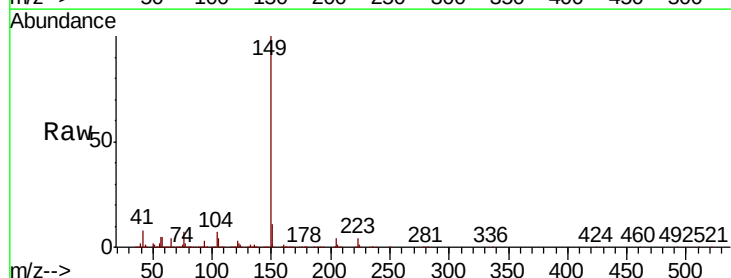
Tgt Ion:149 Resp: 1651744

Ion Ratio Lower Upper

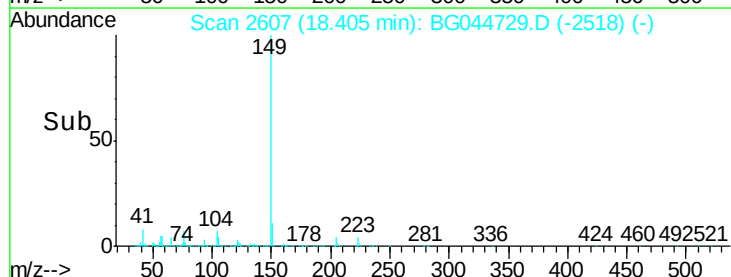
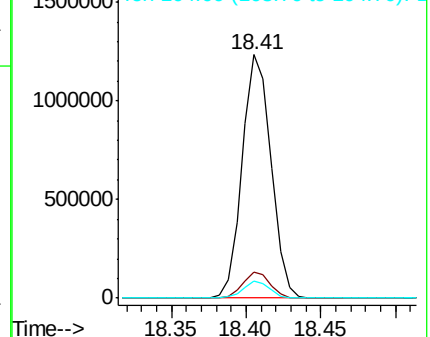
149 100

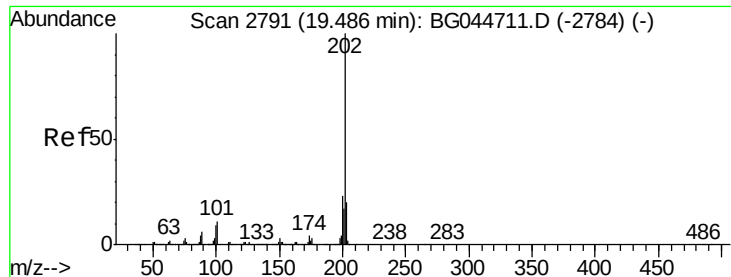
150 10.7 8.4 12.6

104 6.9 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E  
1500000 Ion 150.00 (149.70 to 150.70): E  
1000000 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.244 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

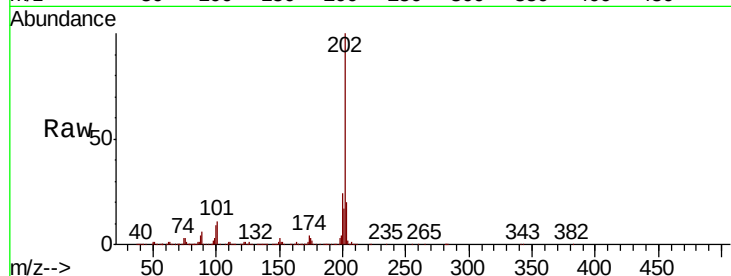
ClientSampleId :

PB127439BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1752348 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 11.3  | 0.0   | 31.3    |
| 203      | 20.4  | 0.4   | 40.4    |

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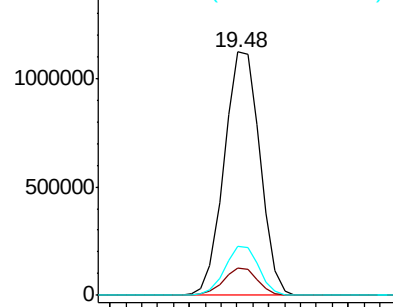
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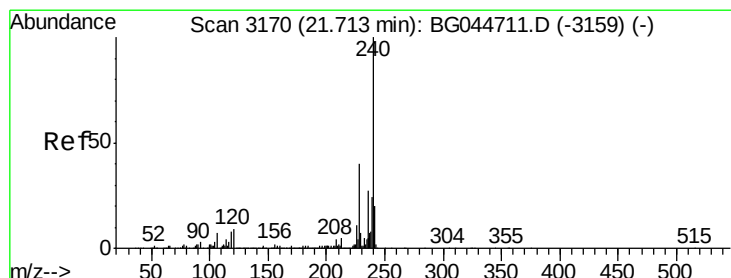
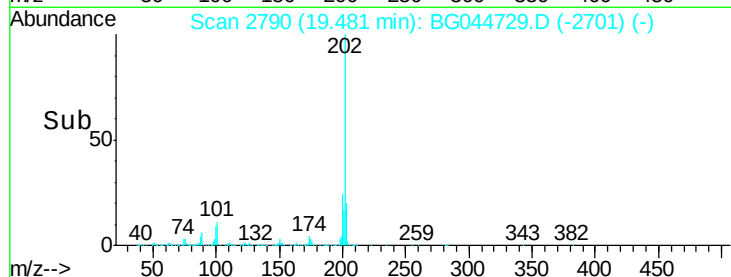
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.45 19.50 19.55



#76

Chrysene-d12

Concen: 20.000 ng

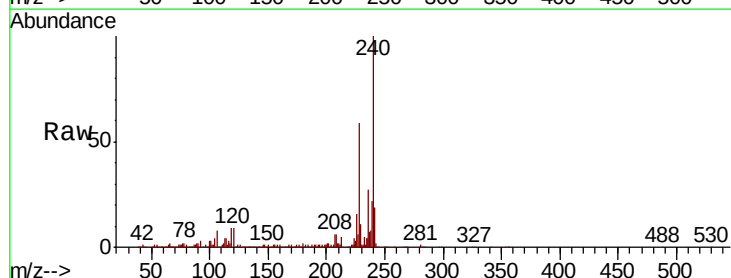
RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

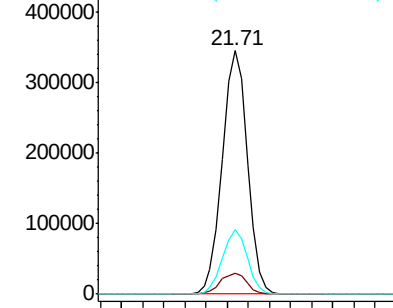
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 568467 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.7   | 6.9   | 10.3   |
| 236      | 26.5  | 21.9  | 32.9   |



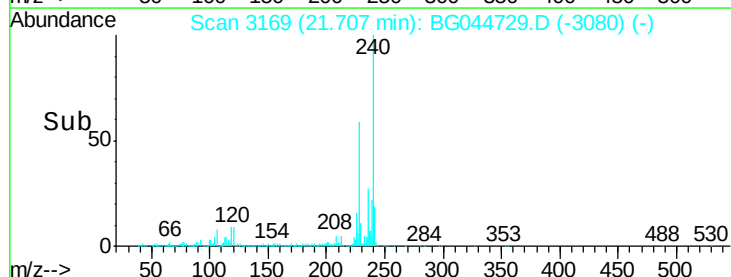
Abundance Ion 240.00 (239.70 to 240.70): E

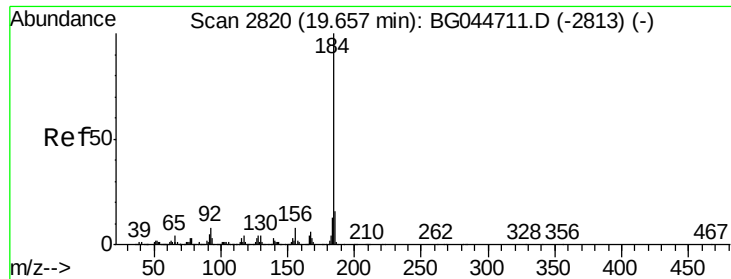
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80





#77

Benzidine

Concen: 25.239 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

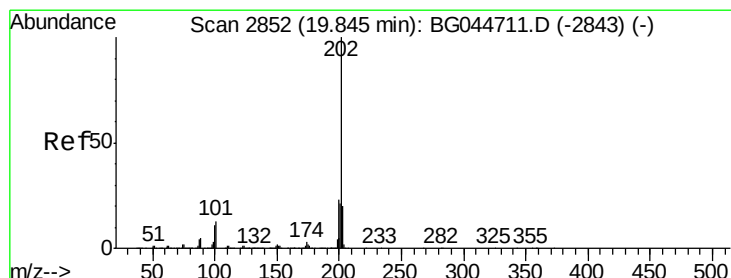
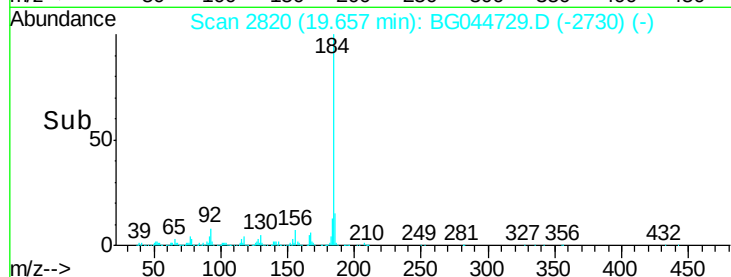
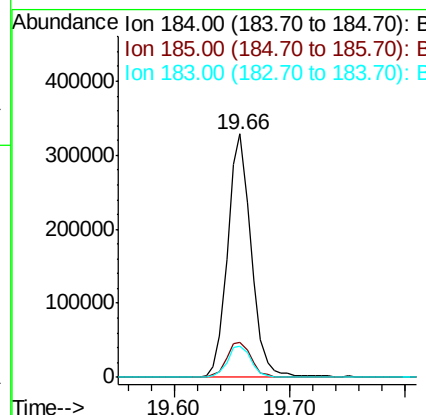
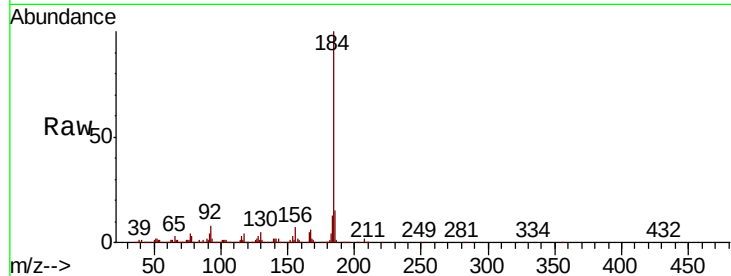
ClientSampleId :

PB127439BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 465771 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.6  | 12.9  | 19.3   |
| 183       | 13.0  | 10.6  | 15.8   |

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#78

Pyrene

Concen: 41.986 ng

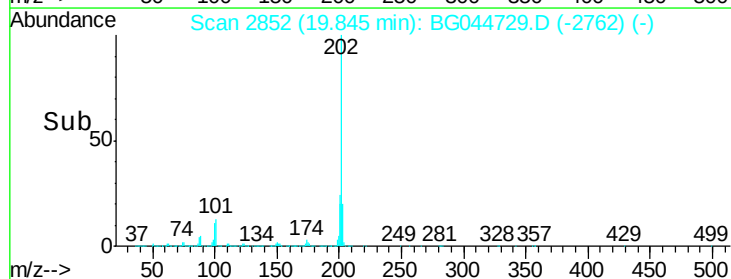
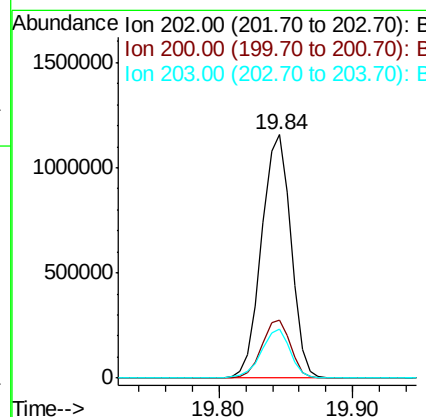
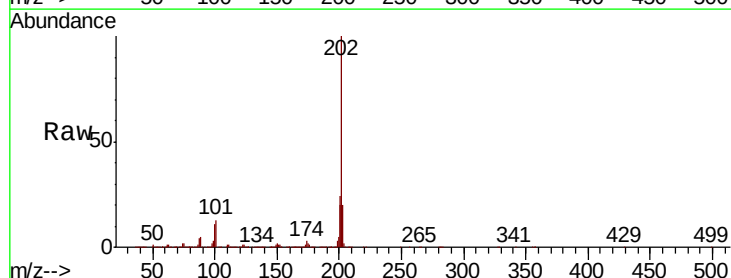
RT: 19.84 min Scan# 2852

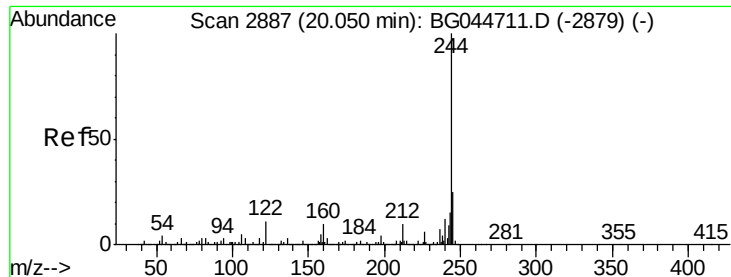
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1751096 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 23.9  | 18.7  | 28.1    |
| 203       | 20.3  | 16.0  | 24.0    |





#79

Terphenyl-d14

Concen: 70.836 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

ClientSampleId :

PB127439BS

Tot Ion:244 Resp: 2152742

Ion Ratio Lower Upper

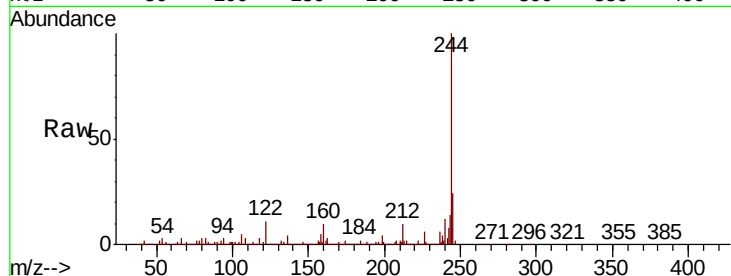
244 100

212 9.7 8.4 12.6

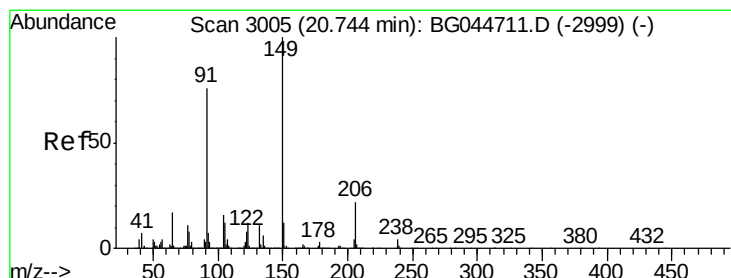
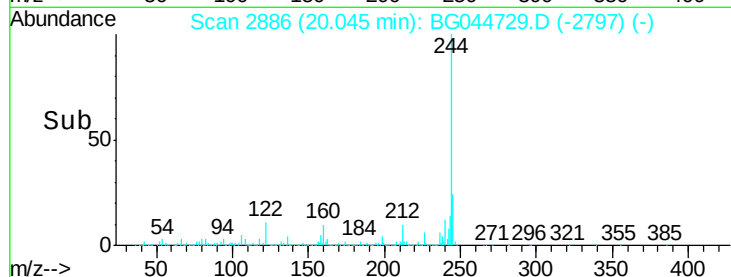
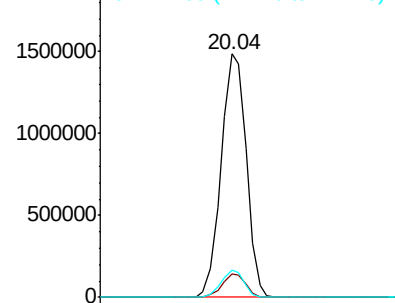
122 11.0 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E  
2000000 Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.087 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

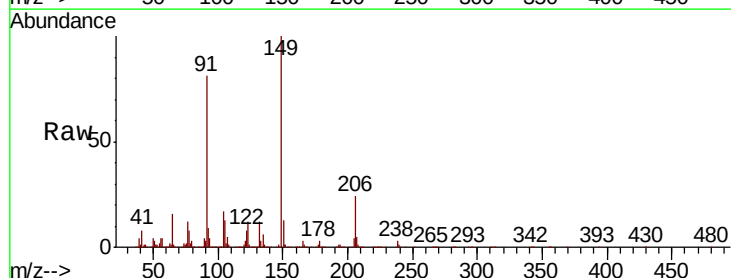
Tgt Ion:149 Resp: 743794

Ion Ratio Lower Upper

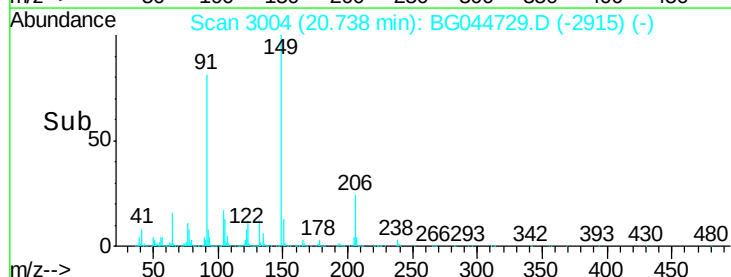
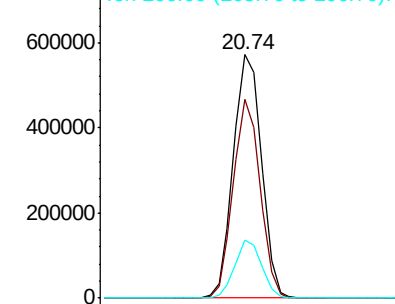
149 100

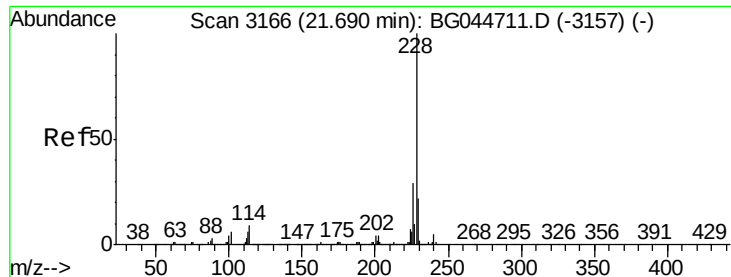
91 81.5 61.1 91.7

206 24.0 17.4 26.2



Abundance Ion 149.00 (148.70 to 149.70): E  
800000 Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.991 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

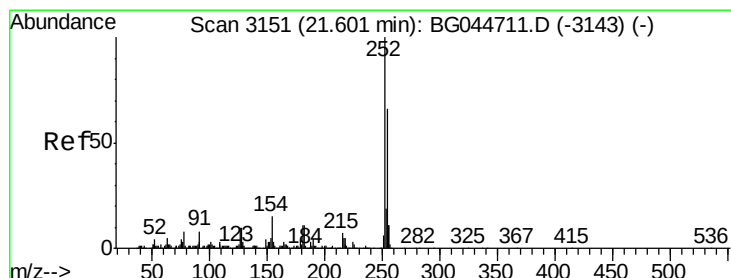
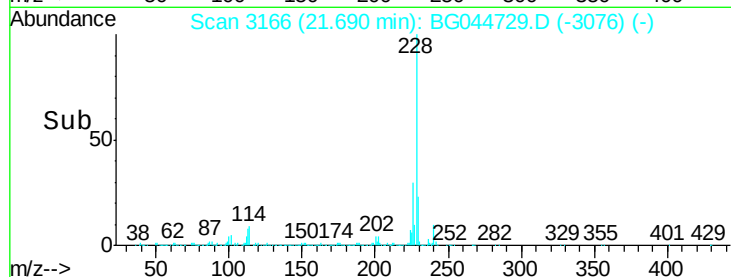
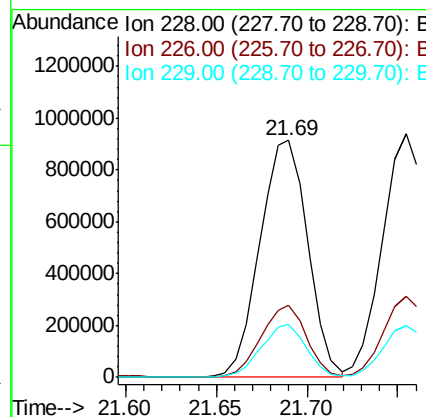
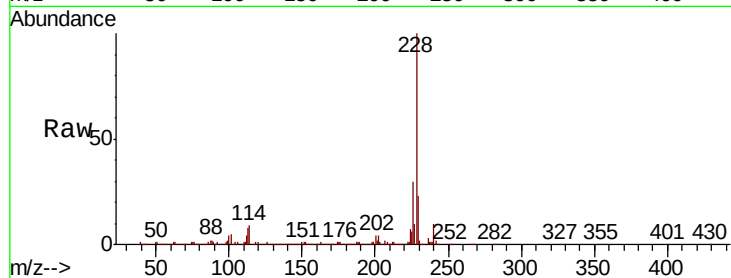
ClientSampleId :

PB127439BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1677918 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 30.3  | 23.5  | 35.3    |
| 229      | 22.5  | 17.2  | 25.8    |

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#82

3,3'-Dichlorobenzidine

Concen: 34.563 ng

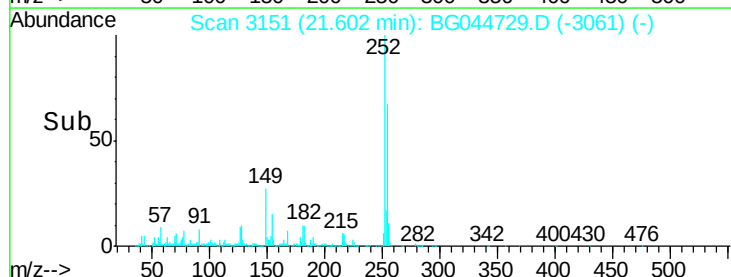
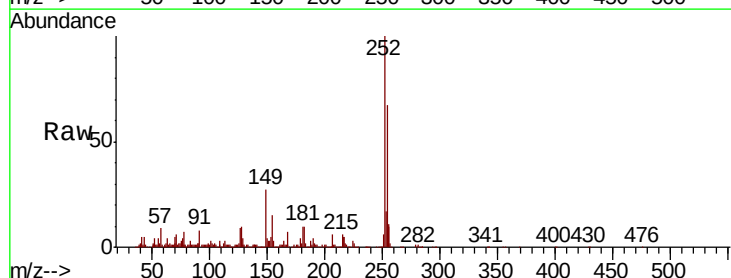
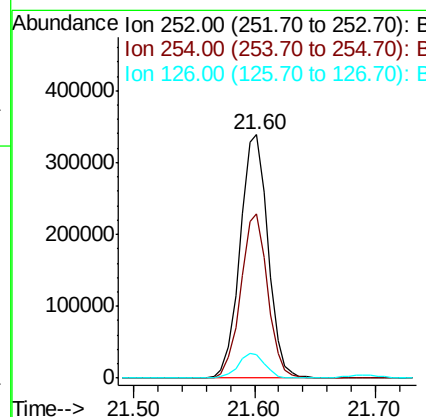
RT: 21.60 min Scan# 3151

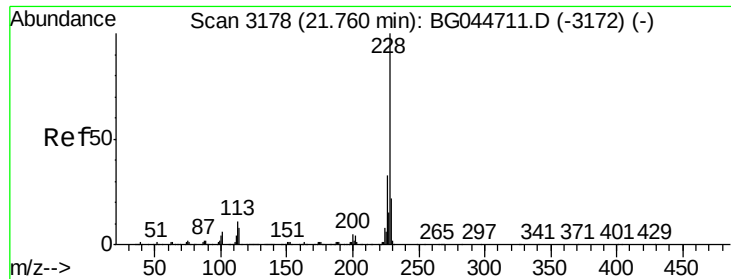
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 547333 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 67.2  | 53.0  | 79.4   |
| 126      | 9.5   | 8.2   | 12.4   |





#83

Chrysene

Concen: 40.840 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

ClientSampleId :

PB127439BS

Tot Ion:228 Resp: 1596886

Ion Ratio Lower Upper

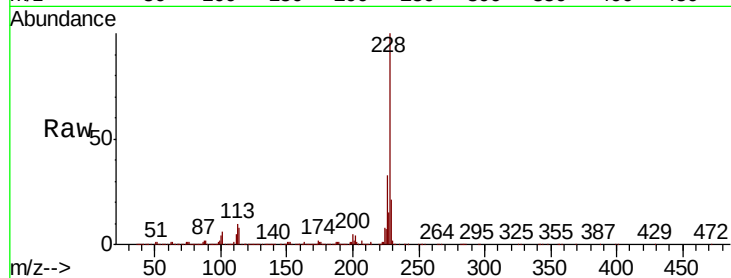
228 100

226 33.1 26.1 39.1

229 21.4 17.4 26.0

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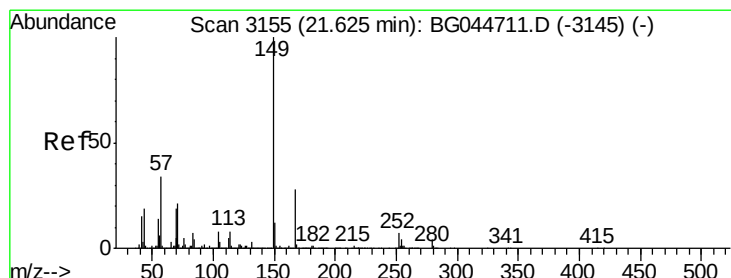
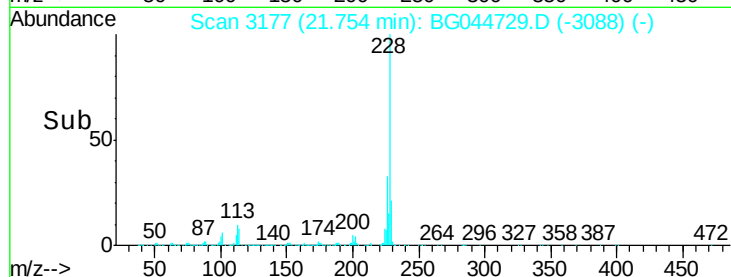
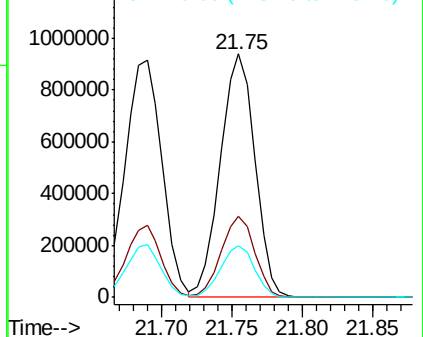


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.477 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

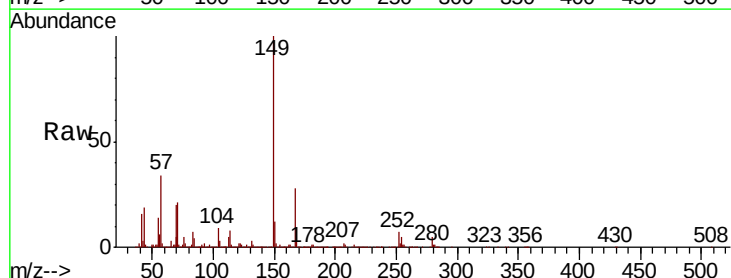
Tgt Ion:149 Resp: 1036515

Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

279 4.9 3.5 5.3

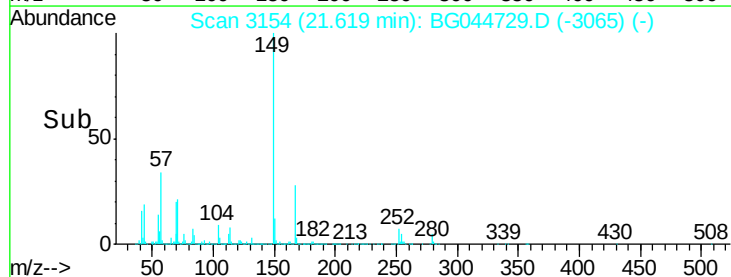
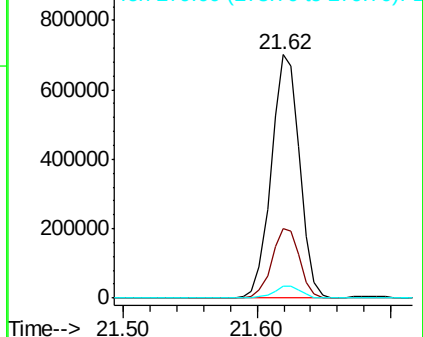


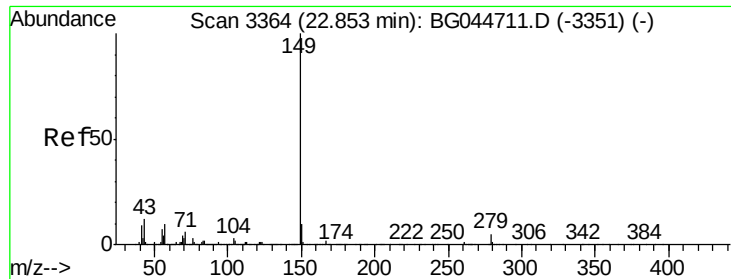
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.747 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

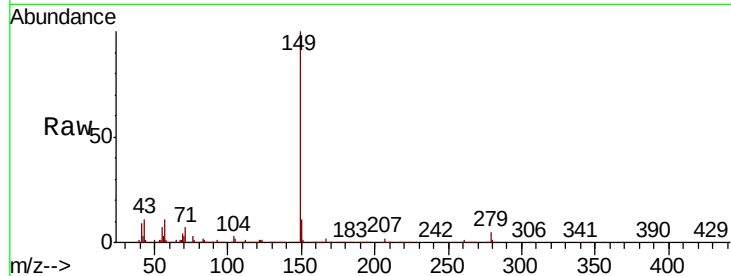
ClientSampleId :

PB127439BS

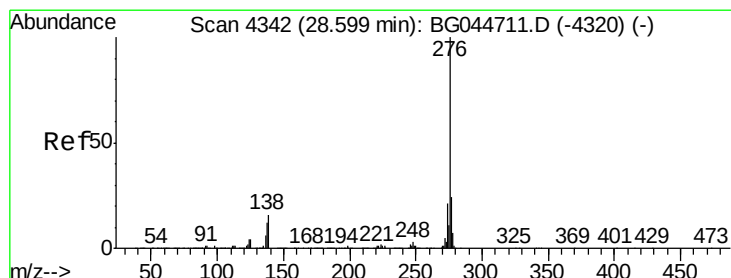
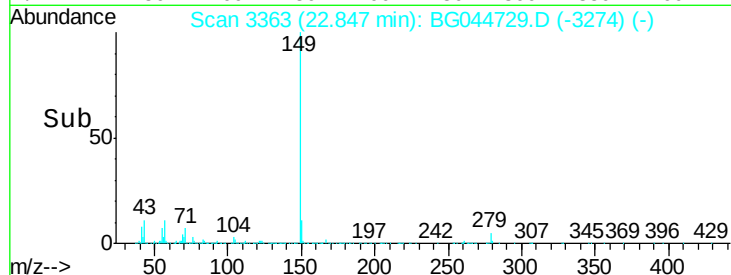
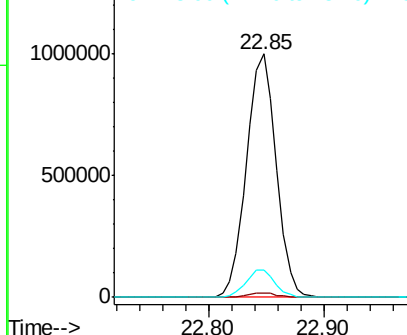
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1788892 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.7   | 1.4   | 2.0     |
| 43       | 11.1  | 9.0   | 13.6    |

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.534 ng

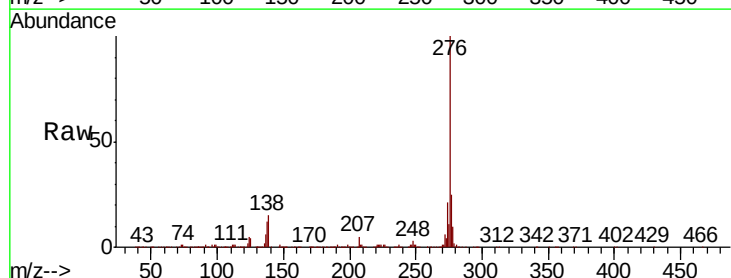
RT: 28.59 min Scan# 4341

Delta R.T. -0.01 min

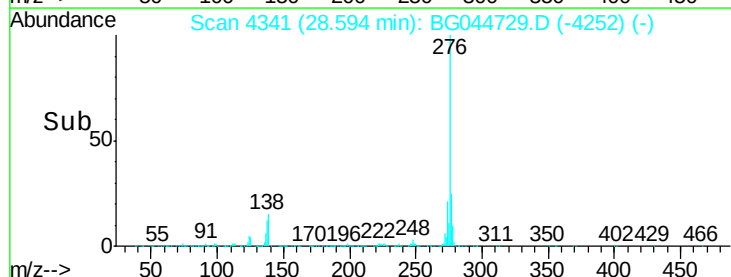
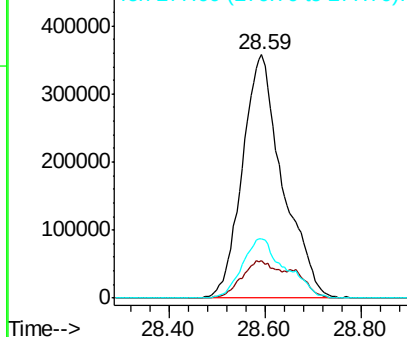
Lab File: BG044729.D

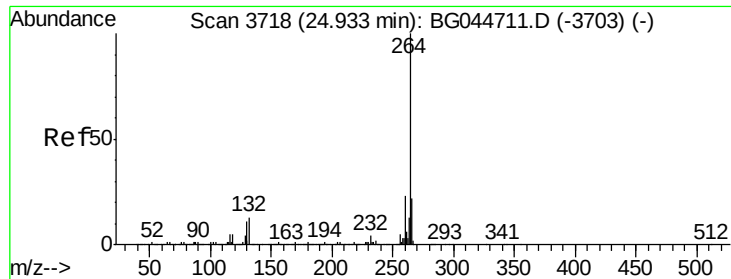
Acq: 12 Mar 2020 10:53

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 2077867 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 13.3  | 10.9  | 16.3    |
| 277      | 26.2  | 20.8  | 31.2    |



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





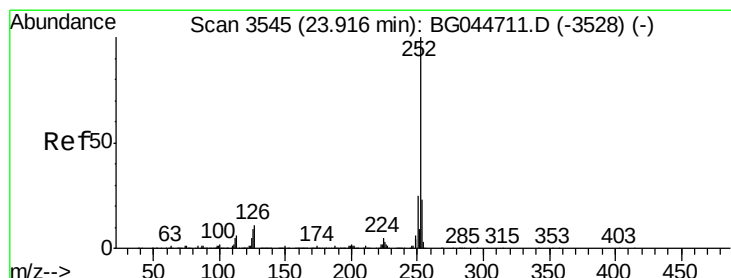
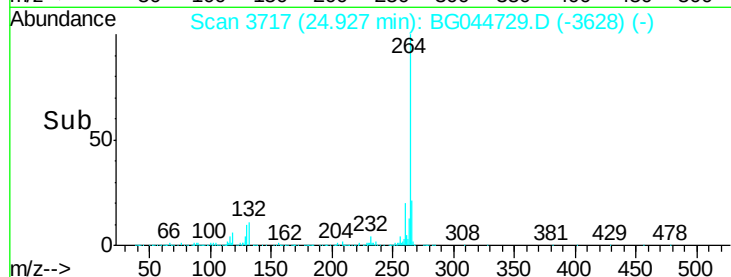
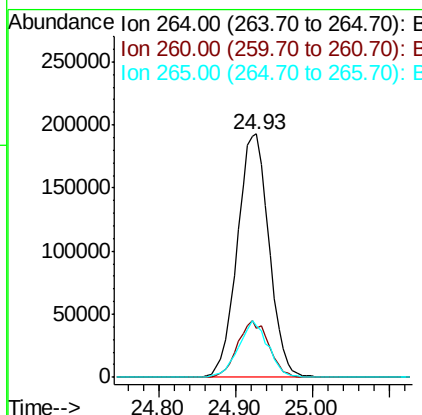
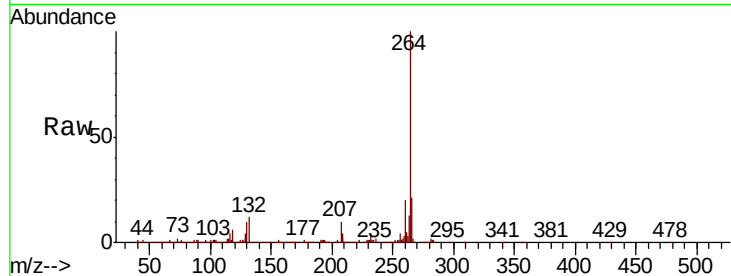
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.93 min Scan# 3717  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 20.0  | 18.4  | 27.6  |
| 265     | 21.0  | 17.4  | 26.2  |

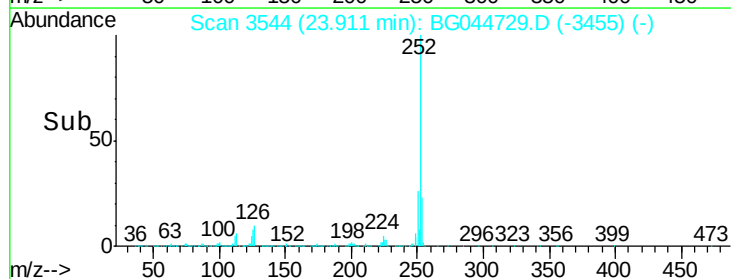
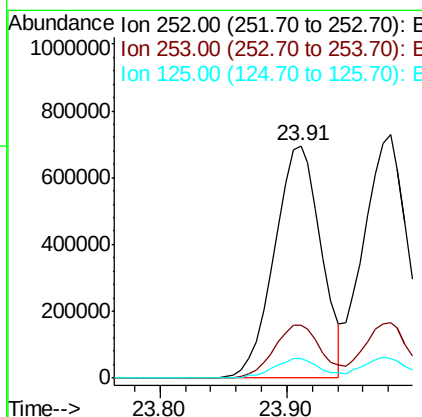
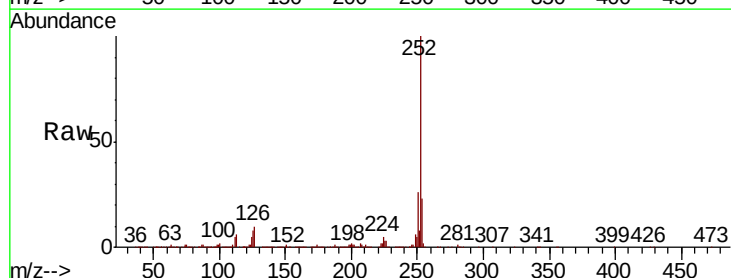
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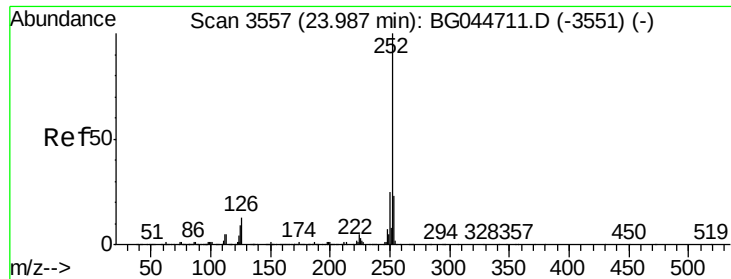


#88  
Benzo(b)fluoranthene  
Concen: 48.406 ng  
RT: 23.91 min Scan# 3544  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.7  | 28.1  |
| 125     | 8.3   | 7.2   | 10.8  |







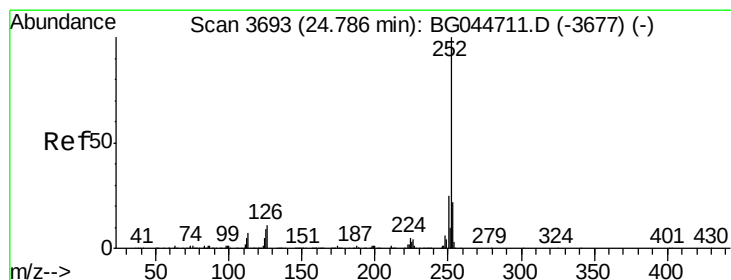
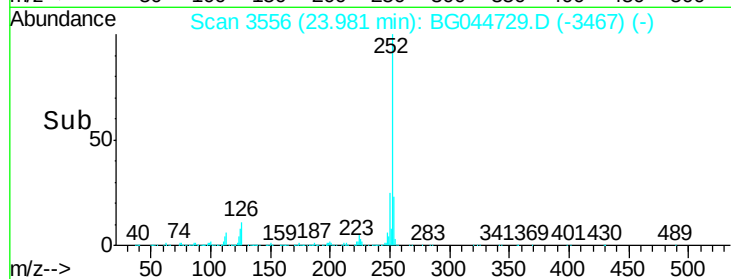
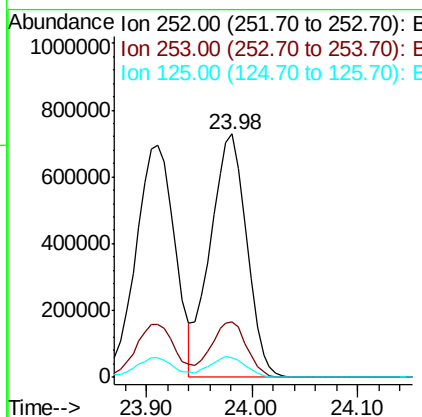
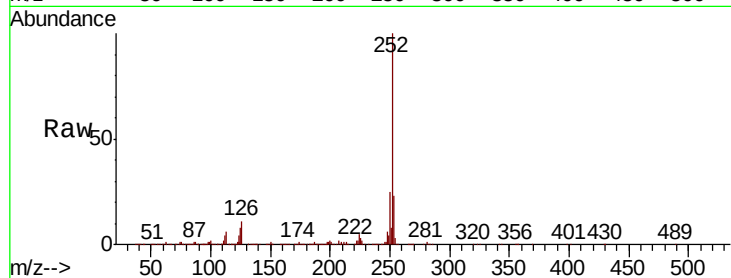
#89  
Benzo(k)fluoranthene  
Concen: 50.165 ng  
RT: 23.98 min Scan# 3556  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB127439BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.4  | 27.6  |
| 125     | 8.3   | 7.0   | 10.4  |

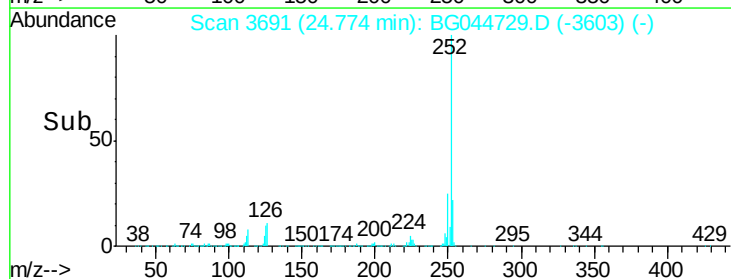
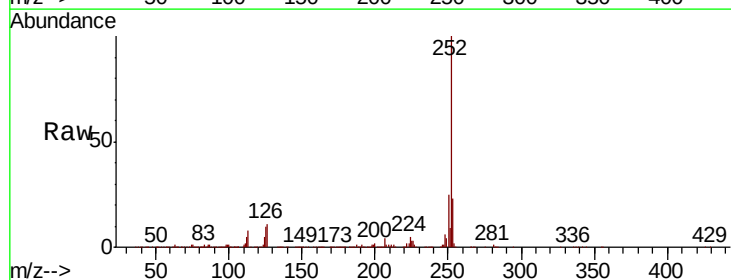
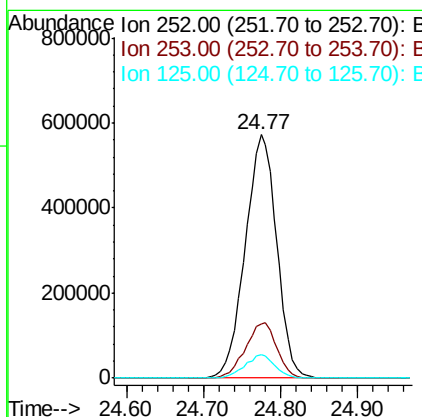
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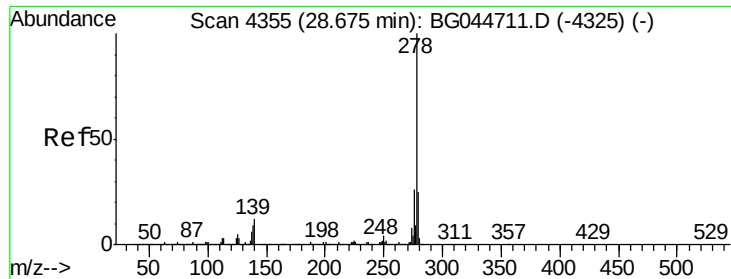
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#90  
Benzo(a)pyrene  
Concen: 47.619 ng  
RT: 24.77 min Scan# 3691  
Delta R.T. -0.01 min  
Lab File: BG044729.D  
Acq: 12 Mar 2020 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.7  | 26.5  |
| 125     | 9.9   | 7.0   | 10.6  |





#91

Dibenzo(a,h)anthracene

Concen: 50.283 ng

RT: 28.66 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA\_G

ClientSampleId :

PB127439BS

Tot Ion:278 Resp: 1702641

Ion Ratio Lower Upper

278 100

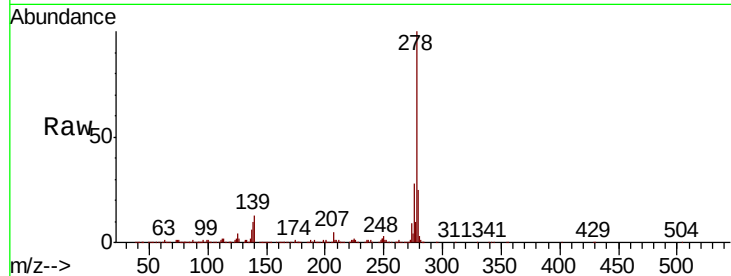
139 12.7 9.9 14.9

279 25.4 20.2 30.4

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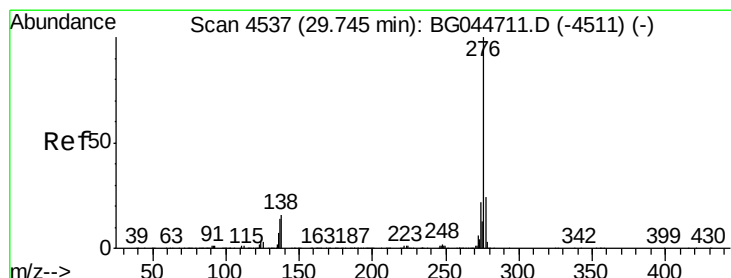
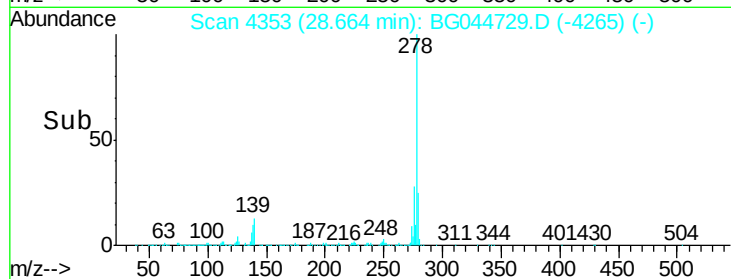
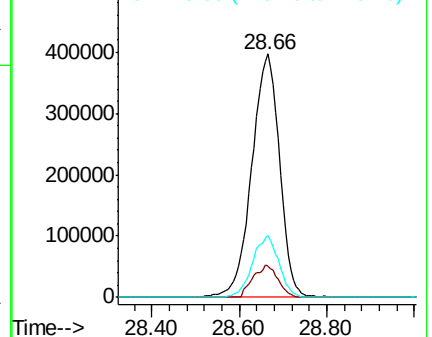


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.928 ng

RT: 29.73 min Scan# 4534

Delta R.T. -0.02 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

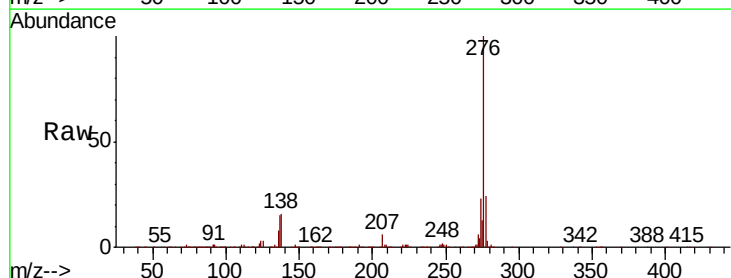
Tgt Ion:276 Resp: 1742303

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 16.4 13.0 19.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

