

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
 Data File : BG041342.D  
 Acq On : 20 Jun 2019 1:49  
 Operator : HP/JU  
 Sample : K3163-10MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

Manual Integrations  
 APPROVED

mohammad  
 6/21/2019 9:57:48 PM

Quant Time: Jun 20 03:40:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 14:58:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 40743    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.91 | 136  | 155941   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.72 | 164  | 107122   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.47 | 188  | 259204   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.75 | 240  | 244765   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.06 | 264  | 237698   | 20.00 | ng    | 0.02     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.62  | 112 | 283182  | 127.71 | ng | 0.00 |
| 7) Phenol-d6                | 7.24  | 99  | 382663  | 119.06 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.27  | 82  | 320435  | 86.42  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.21 | 330 | 224419  | 136.46 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.34 | 172 | 719649  | 91.31  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.06 | 244 | 1157223 | 93.70  | ng | 0.00 |

|                                |       |     |        |        |        |      |
|--------------------------------|-------|-----|--------|--------|--------|------|
| Target Compounds               |       |     |        |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.48  | 88  | 29774m | 26.777 | ng     |      |
| 3) Pyridine                    | 3.91  | 79  | 57270  | 19.415 | ng     | 94   |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 54624  | 34.725 | ng     | 99   |
| 6) Aniline                     | 7.42  | 93  | 35651  | 7.980  | ng     | 99   |
| 8) 2-Chlorophenol              | 7.64  | 128 | 103417 | 39.692 | ng     | 98   |
| 9) Benzaldehyde                | 7.22  | 77  | 70829  | 34.453 | ng     | 94   |
| 10) Phenol                     | 7.27  | 94  | 121858 | 35.256 | ng     | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.50  | 93  | 95622  | 36.462 | ng     | 99   |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146 | 117462 | 36.006 | ng     | 93   |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146 | 122416 | 36.735 | ng     | 95   |
| 14) 1,2-Dichlorobenzene        | 8.44  | 146 | 115634 | 36.329 | ng     | 98   |
| 15) Benzyl Alcohol             | 8.33  | 79  | 105900 | 34.389 | ng     | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 149464 | 34.815 | ng     | 98   |
| 17) 2-Methylphenol             | 8.53  | 107 | 93754  | 37.941 | ng     | 95   |
| 18) Hexachloroethane           | 9.16  | 117 | 43650  | 33.055 | ng     | 99   |
| 19) n-Nitroso-di-n-propylamine | 8.89  | 70  | 92288  | 35.501 | ng     | 97   |
| 20) 3+4-Methylphenols          | 8.86  | 107 | 125458 | 38.139 | ng     | 95   |
| 22) Acetophenone               | 8.91  | 105 | 179536 | 39.564 | ng     | # 97 |
| 24) Nitrobenzene               | 9.31  | 77  | 151828 | 40.714 | ng     | 97   |
| 25) Isophorone                 | 9.82  | 82  | 260049 | 38.228 | ng     | 100  |
| 26) 2-Nitrophenol              | 10.02 | 139 | 63802  | 42.201 | ng     | 96   |
| 27) 2,4-Dimethylphenol         | 10.06 | 122 | 101991 | 45.005 | ng     | 97   |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93  | 135443 | 38.212 | ng     | 98   |
| 29) 2,4-Dichlorophenol         | 10.55 | 162 | 123813 | 44.062 | ng     | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.76 | 180 | 141884 | 39.426 | ng     | 98   |
| 31) Naphthalene                | 10.96 | 128 | 350147 | 41.314 | ng     | 99   |
| 32) Benzoic acid               | 10.21 | 122 | 46779  | 31.709 | ng     | 98   |
| 33) 4-Chloroaniline            | 11.08 | 127 | 22584  | 6.274  | ng     | # 89 |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 107131 | 37.503 | ng     | 99   |
| 35) Caprolactam                | 11.87 | 113 | 29030m | 30.009 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 12.19 | 107 | 131754 | 40.593 | ng     | 95   |
| 37) 2-Methylnaphthalene        | 12.56 | 142 | 255878 | 40.992 | ng     | 98   |
| 38) 1-Methylnaphthalene        | 12.77 | 142 | 242835 | 40.661 | ng     | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216 | 193383 | 43.718 | ng     | 99   |

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 Sample : K3163-10MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

Manual Integrations  
 APPROVED

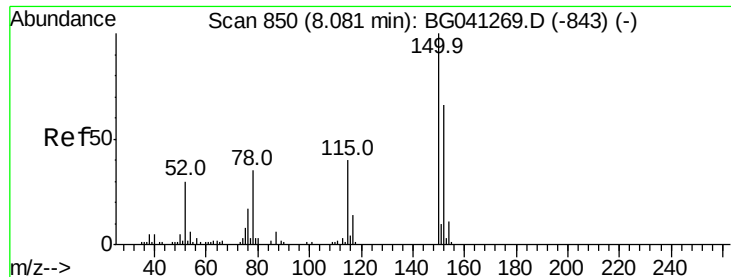
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 6/21/2019 9:57:48 PM

Quant Time: Jun 20 03:40:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
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 QLast Update : Mon Jun 17 14:58:02 2019  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 56562    | 18.983 | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 117165   | 42.818 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.24 | 196  | 123354   | 43.812 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.55 | 154  | 345662   | 42.683 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.60 | 162  | 287947   | 41.299 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.81 | 65   | 101664   | 39.814 | nq    | 93       |
| 49) Acenaphthylene             | 14.45 | 152  | 439071   | 41.500 | nq    | 99       |
| 50) Dimethylphthalate          | 14.17 | 163  | 361775   | 37.957 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 80762    | 40.186 | nq    | 96       |
| 52) Acenaphthene               | 14.78 | 154  | 256234   | 41.243 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 36728    | 18.549 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 29239    | 23.854 | nq    | 94       |
| 55) Dibenzofuran               | 15.12 | 168  | 443587   | 41.066 | nq    | 100      |
| 56) 4-Nitrophenol              | 14.95 | 139  | 111490   | 74.355 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 114407   | 38.943 | nq    | 96       |
| 58) Fluorene                   | 15.76 | 166  | 346132   | 40.734 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 121398   | 41.695 | nq    | 99       |
| 60) Diethylphthalate           | 15.52 | 149  | 367197   | 37.903 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.75 | 204  | 216648   | 39.187 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 75669    | 35.731 | nq    | 97       |
| 63) Azobenzene                 | 16.05 | 77   | 342043   | 39.576 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 25893    | 15.390 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.97 | 169  | 311288   | 45.229 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 141481   | 42.213 | nq    | 95       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 145837   | 40.635 | nq    | 98       |
| 69) Atrazine                   | 16.91 | 200  | 123995   | 60.411 | nq    | 98       |
| 70) Pentachlorophenol          | 17.11 | 266  | 180035   | 97.964 | nq    | 96       |
| 71) Phenanthrene               | 17.51 | 178  | 584663   | 42.292 | nq    | 99       |
| 72) Anthracene                 | 17.60 | 178  | 595798   | 43.716 | nq    | 99       |
| 73) Carbazole                  | 17.87 | 167  | 512773   | 43.010 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 606142   | 40.746 | nq    | 99       |
| 75) Fluoranthene               | 19.51 | 202  | 735453   | 40.045 | nq    | 98       |
| 77) Benzidine                  | 19.70 | 184  | 42695    | 7.212  | nq    | 99       |
| 78) Pyrene                     | 19.88 | 202  | 739118   | 44.776 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 266402   | 42.667 | nq    | 96       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 714070   | 43.087 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.64 | 252  | 185518   | 31.889 | nq    | 98       |
| 83) Chrysene                   | 21.79 | 228  | 689700   | 43.275 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.59 | 149  | 365375   | 42.940 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.82 | 149  | 628565   | 43.663 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.87 | 276  | 517383   | 27.362 | nq    | # 82     |
| 88) Benzo(b)fluoranthene       | 24.00 | 252  | 643496m  | 43.683 | nq    |          |
| 89) Benzo(k)fluoranthene       | 24.07 | 252  | 663210   | 45.447 | nq    | 100      |
| 90) Benzo(a)pyrene             | 24.91 | 252  | 624922   | 44.919 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.94 | 278  | 410968   | 29.342 | nq    | 96       |
| 92) Benzo(g,h,i)perylene       | 30.08 | 276  | 320714   | 23.170 | nq    | # 97     |

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





#1

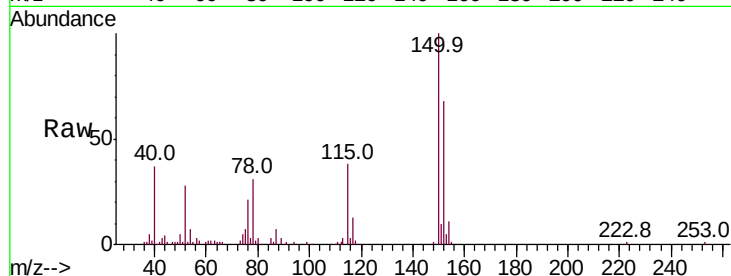
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.0 | 120.6 | 181.0 |
| 115     | 56.1  | 47.9  | 71.9  |

Manual Integrations  
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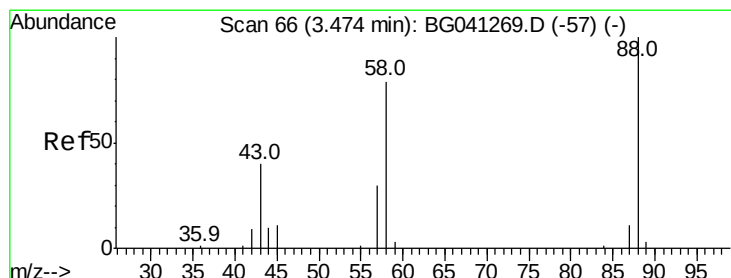
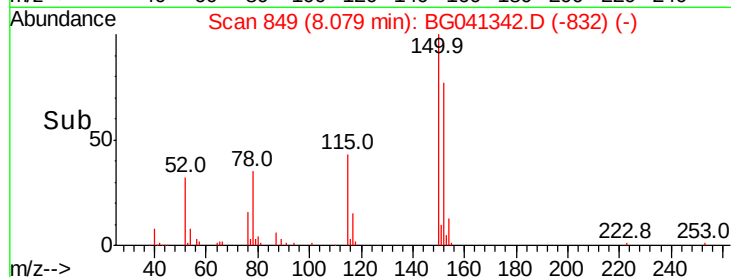
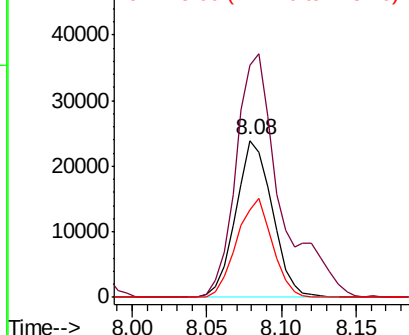


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

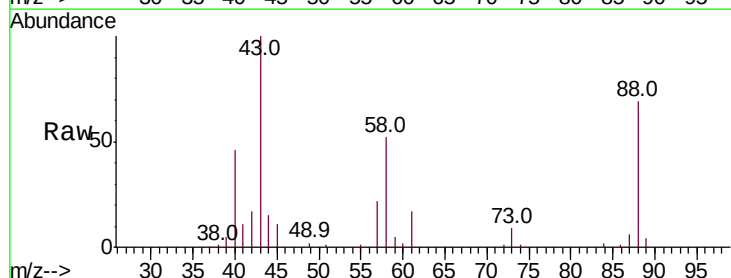
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 26.777 ng m  
RT: 3.48 min Scan# 67  
Delta R.T. 0.01 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 83.2  | 59.7  | 89.5  |
| 43      | 184.2 | 31.9  | 47.9# |

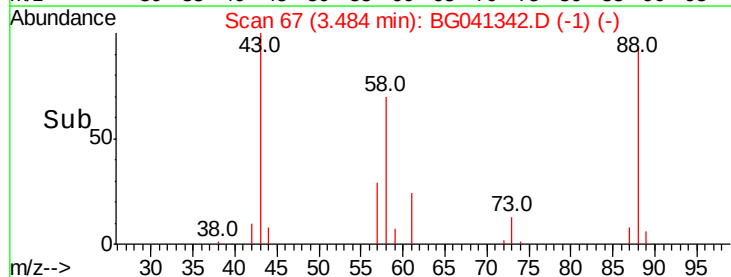
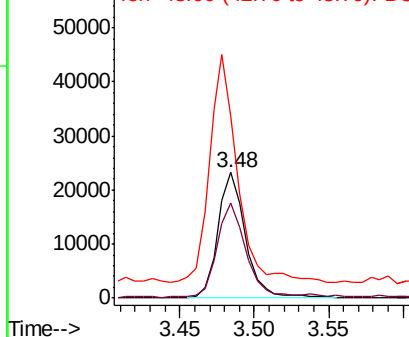


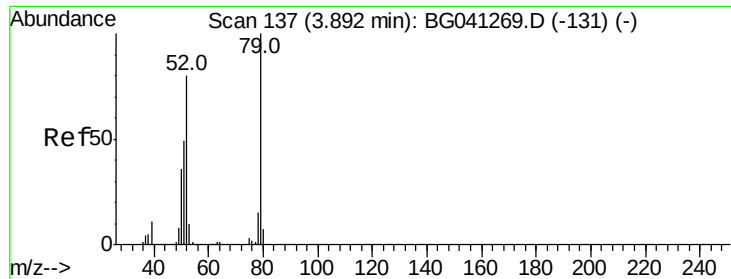
Abundance

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: 19.415 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

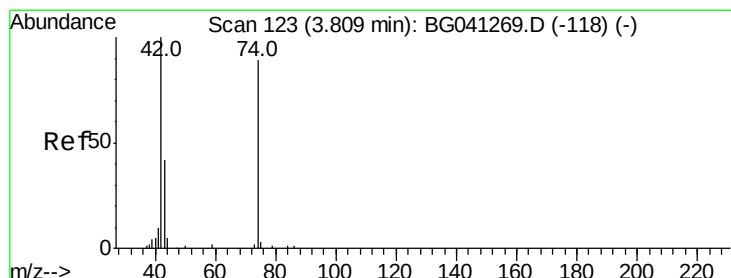
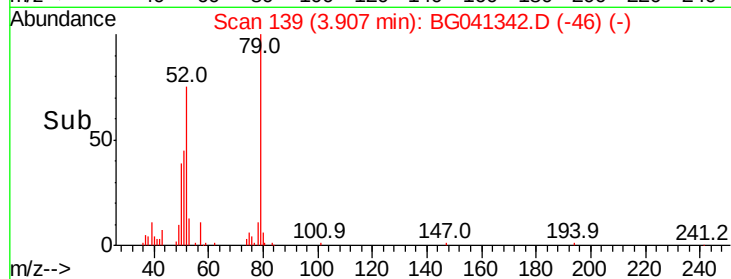
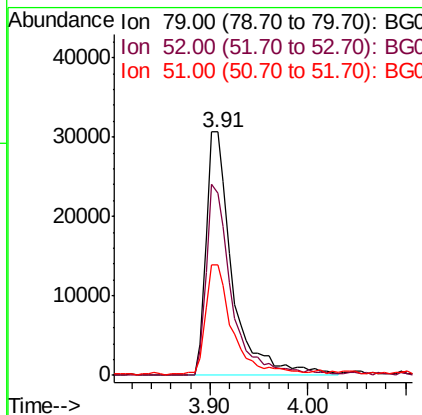
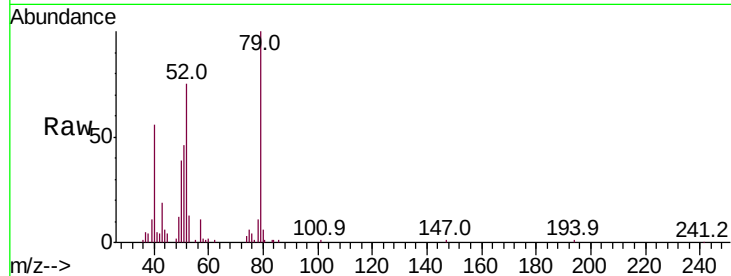
ClientSampleId :

SU-03-061719-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 57270 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 74.8  | 63.6  | 95.4  |
| 51        | 45.5  | 39.8  | 59.6  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 34.725 ng

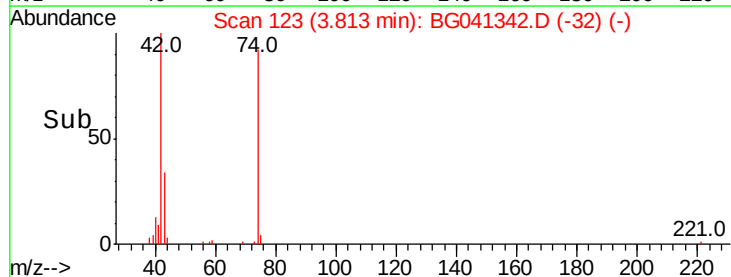
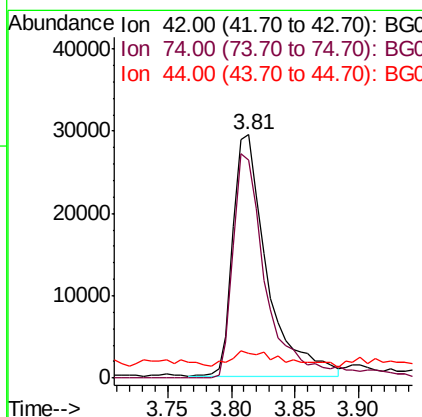
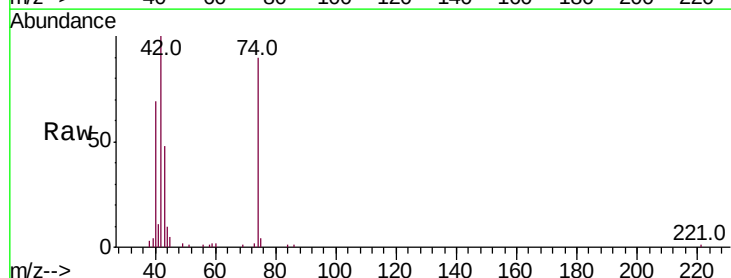
RT: 3.81 min Scan# 123

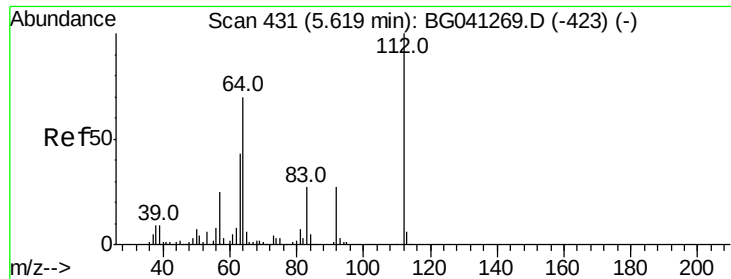
Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 54624 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 89.7  | 71.6  | 107.4 |
| 44        | 10.2  | 9.0   | 13.4  |





#5

2-Fluorophenol

Concen: 127.709 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

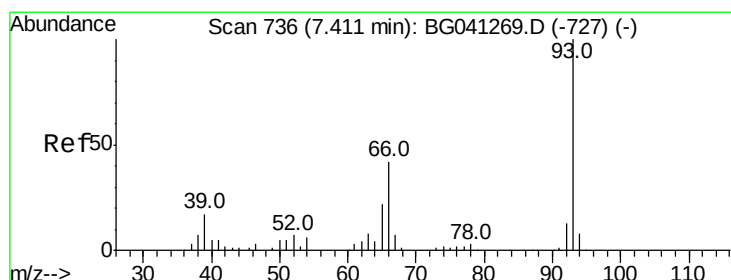
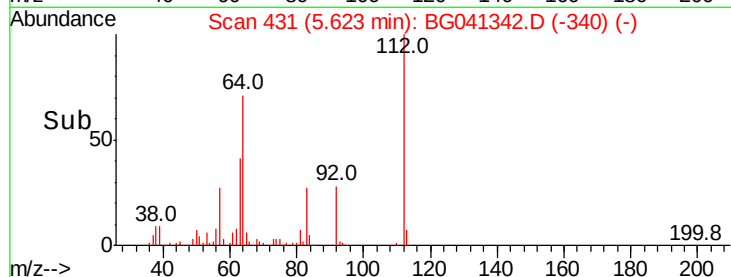
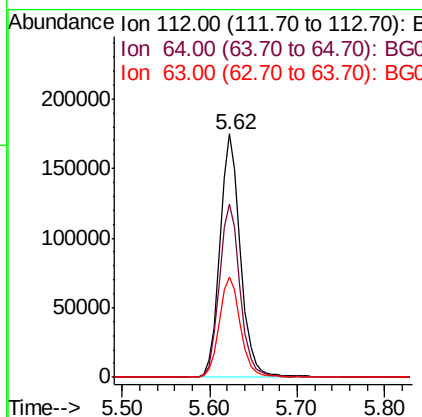
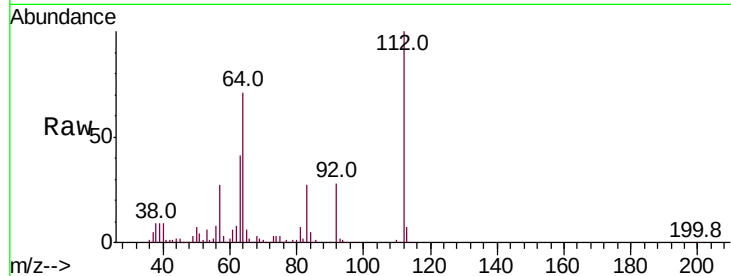
ClientSampleId :

SU-03-061719-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 283182 |       |       |
| 64      | 71.3  | 55.9   | 83.9  |       |
| 63      | 41.4  | 34.6   | 51.8  |       |

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#6

Aniline

Concen: 7.980 ng

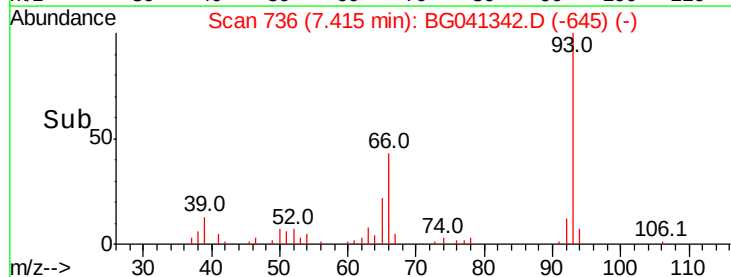
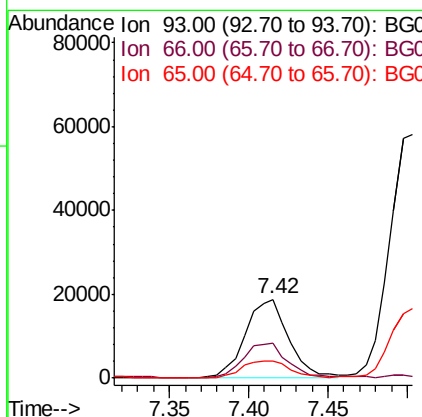
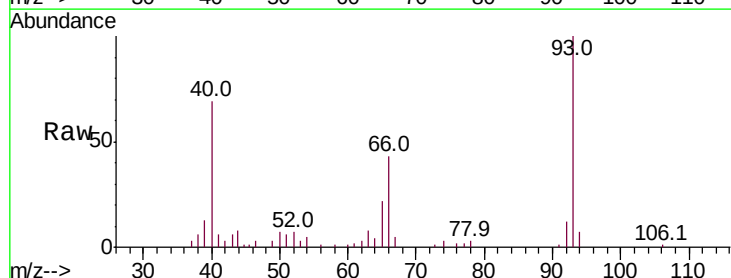
RT: 7.42 min Scan# 736

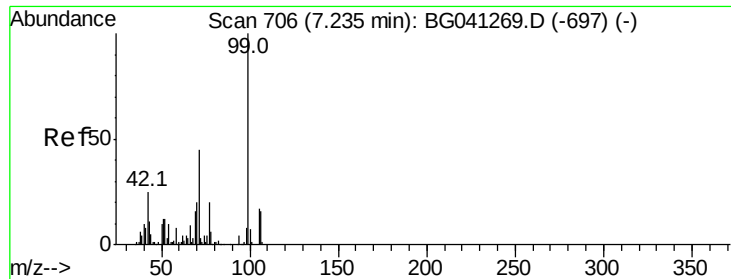
Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 35651 |       |       |
| 66      | 43.5  | 34.2  | 51.2  |       |
| 65      | 21.9  | 17.7  | 26.5  |       |





#7

Phenol-d6

Concen: 119.056 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

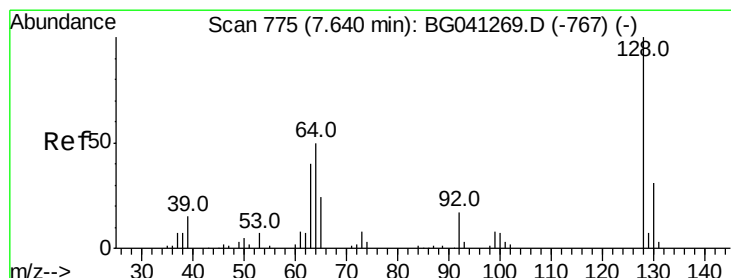
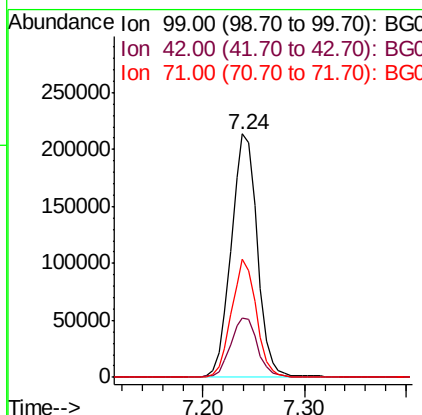
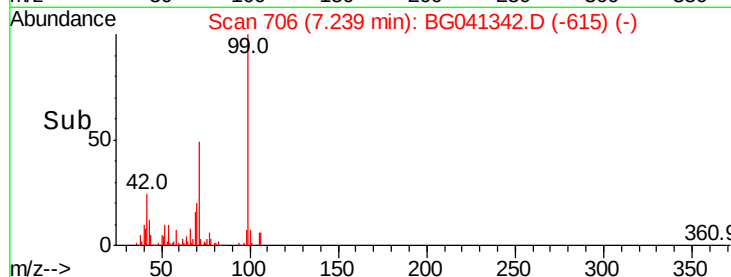
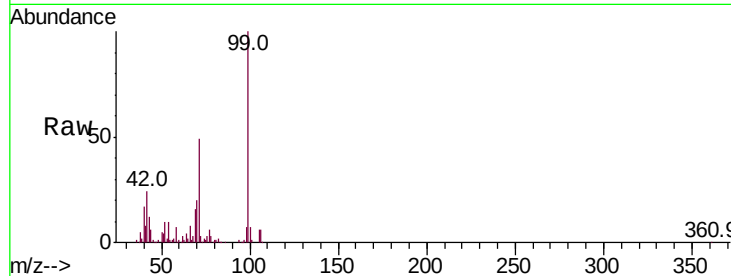
ClientSampleId :

SU-03-061719-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 382663 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 24.3  | 19.9  | 29.9   |
| 71        | 48.6  | 36.4  | 54.6   |

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#8

2-Chlorophenol

Concen: 39.692 ng

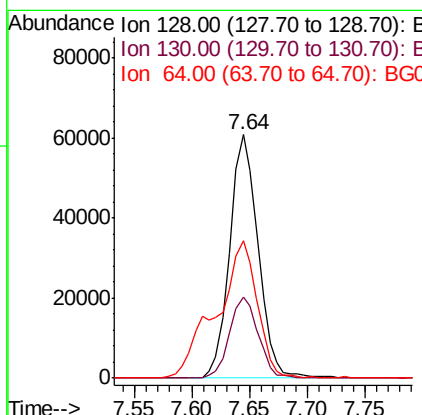
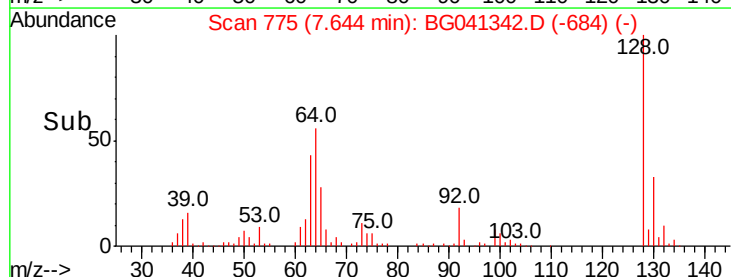
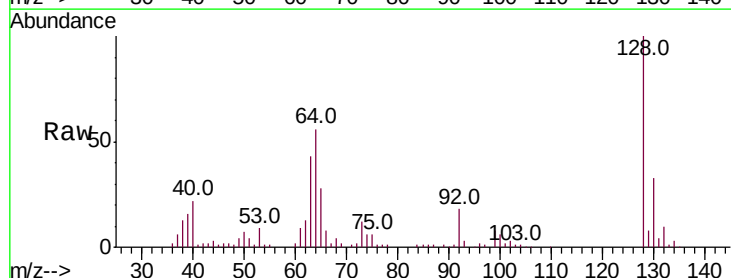
RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

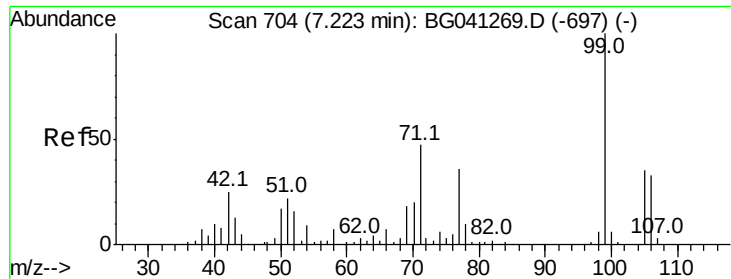
Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 103417 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.3  | 11.1  | 51.1   |
| 64        | 56.4  | 36.6  | 76.6   |







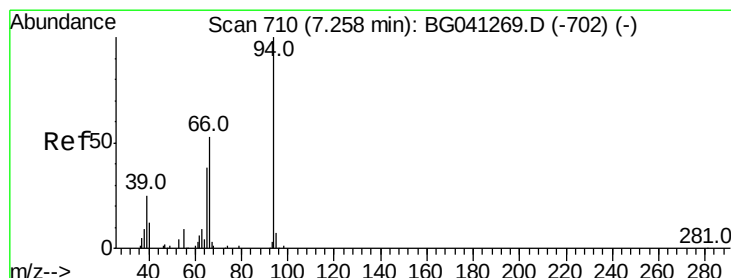
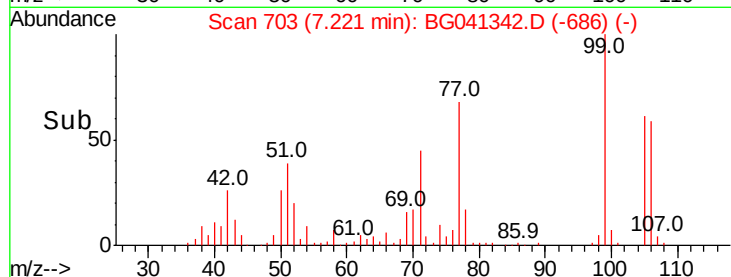
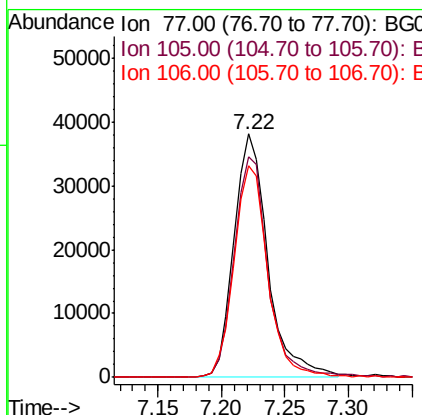
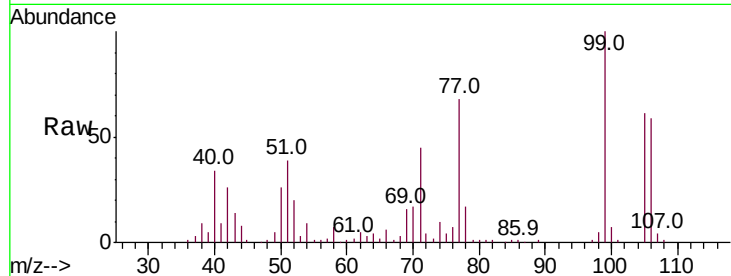
#9  
Benzaldehyde  
Concen: 34.453 ng  
RT: 7.22 min Scan# 703  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 90.6  | 78.7  | 118.7 |
| 106     | 86.7  | 71.1  | 111.1 |

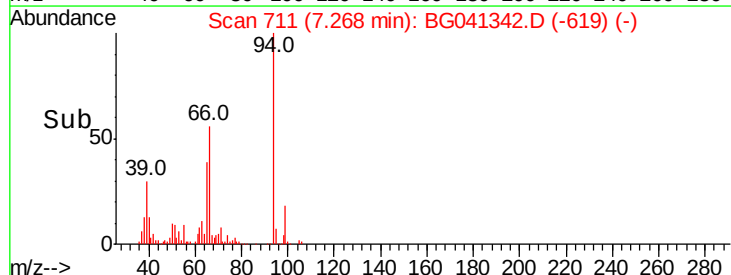
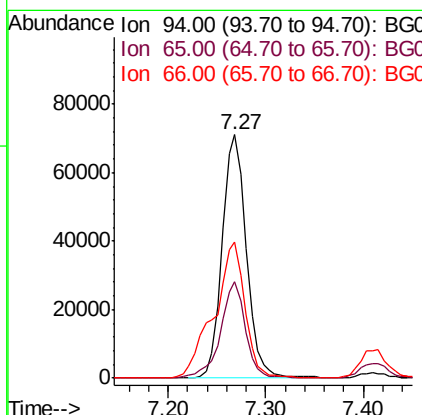
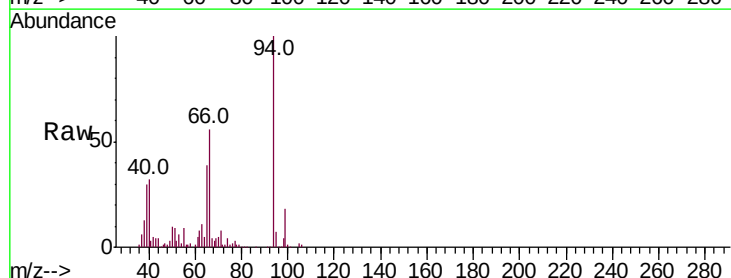
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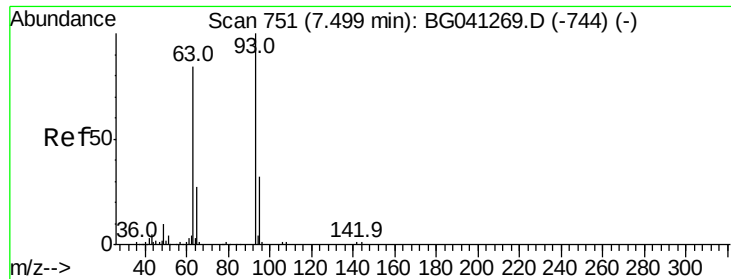


#10  
Phenol  
Concen: 35.256 ng  
RT: 7.27 min Scan# 711  
Delta R.T. 0.01 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 39.4  | 18.7  | 58.7  |
| 66      | 56.1  | 35.5  | 75.5  |







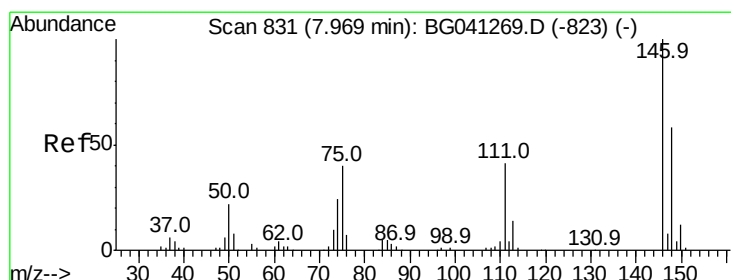
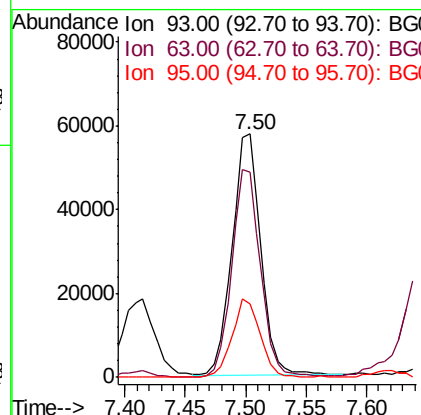
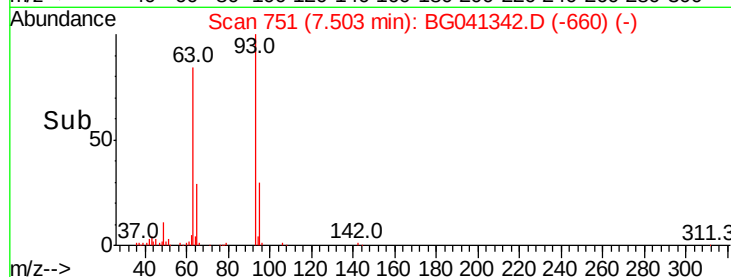
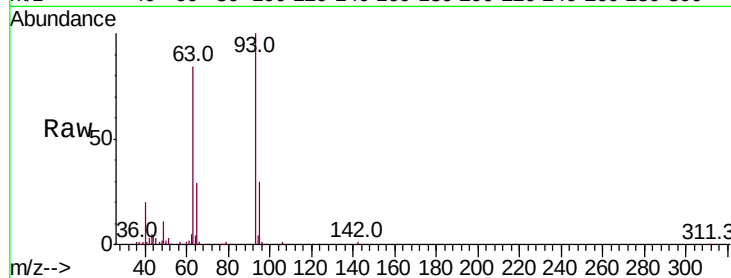
#11  
bis(2-Chloroethyl)ether  
Concen: 36.462 ng  
RT: 7.50 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion   | 93    | Resp  | 95622 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 84.4  | 63.6  | 103.6 |
| 95        | 30.0  | 11.2  | 51.2  |

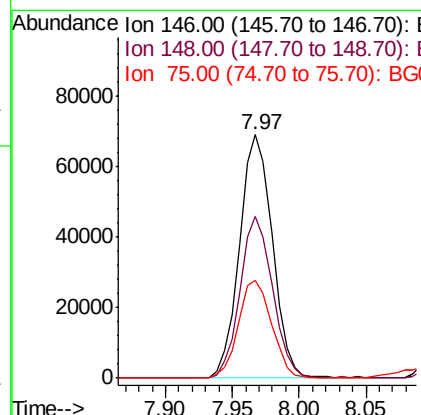
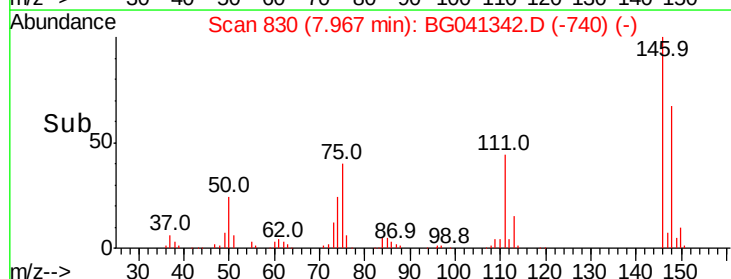
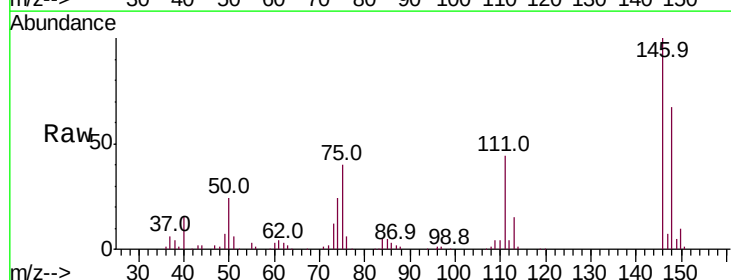
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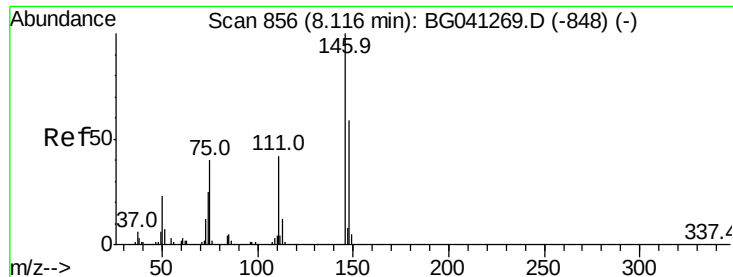
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#12  
1,3-Dichlorobenzene  
Concen: 36.006 ng  
RT: 7.97 min Scan# 830  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion   | 146   | Resp  | 117462 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.6  | 46.5  | 69.7   |
| 75        | 40.3  | 32.2  | 48.4   |





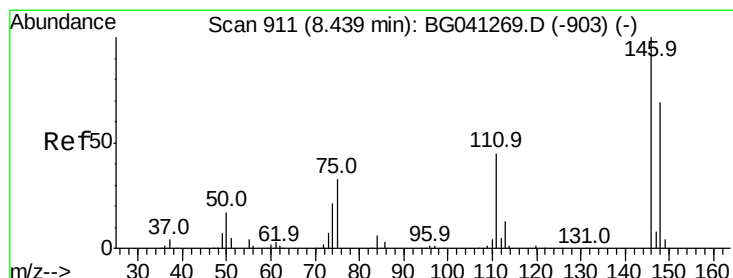
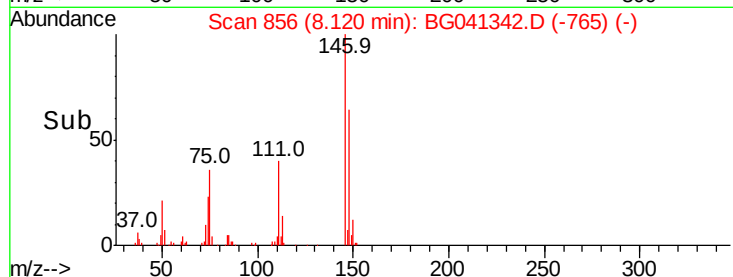
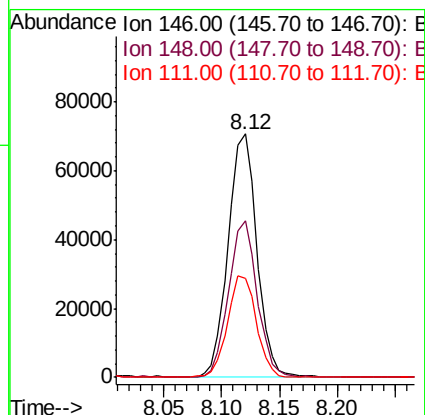
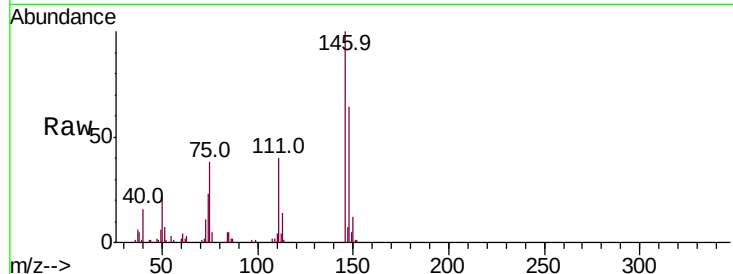
#13  
1,4-Dichlorobenzene  
Concen: 36.735 ng  
RT: 8.12 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 47.3  | 70.9  |
| 111     | 40.5  | 33.4  | 50.0  |

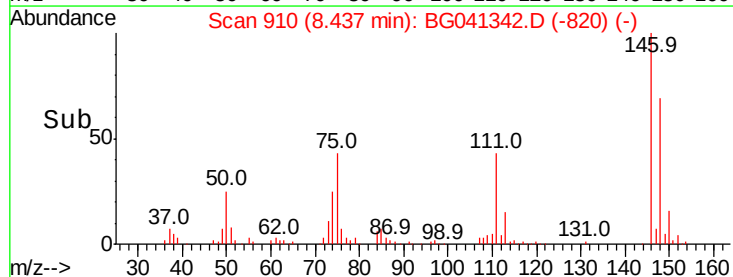
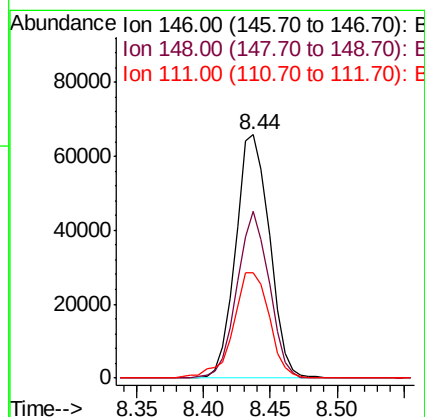
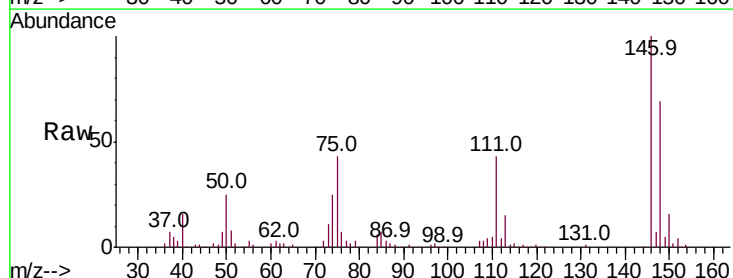
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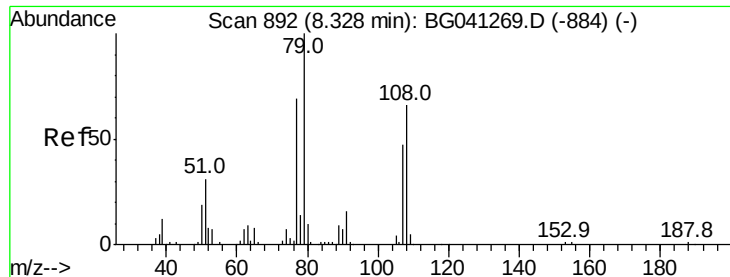
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#14  
1,2-Dichlorobenzene  
Concen: 36.329 ng  
RT: 8.44 min Scan# 910  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.7  | 54.9  | 82.3  |
| 111     | 43.4  | 37.0  | 55.6  |





#15

Benzyl Alcohol

Concen: 34.389 ng

RT: 8.33 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

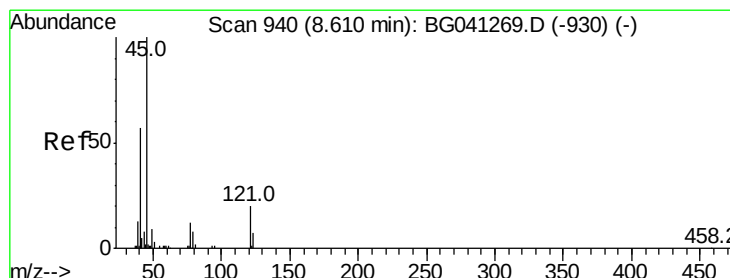
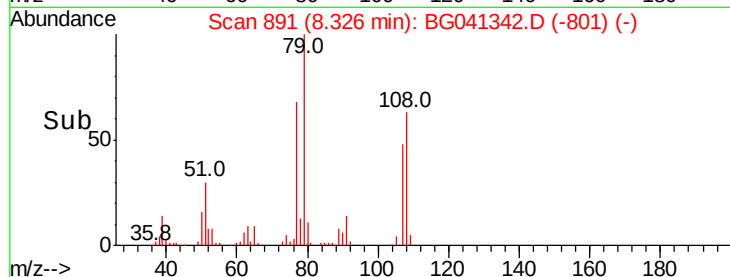
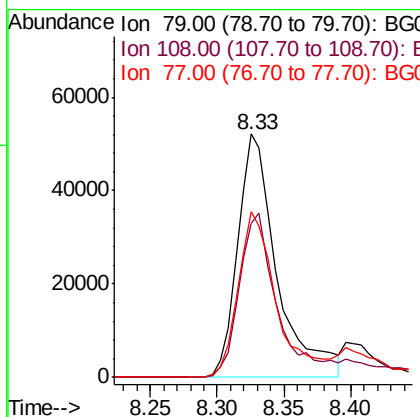
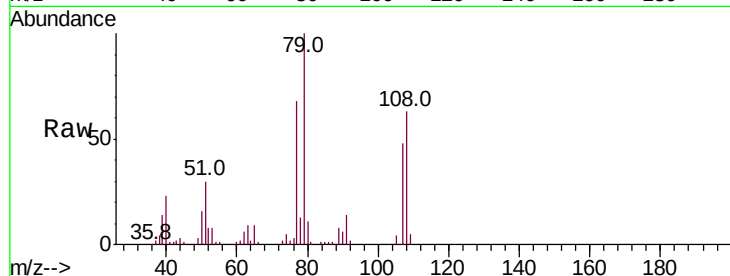
ClientSampleId :

SU-03-061719-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 105900 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 63.1  | 52.7  | 79.1   |
| 77        | 67.8  | 55.2  | 82.8   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.815 ng

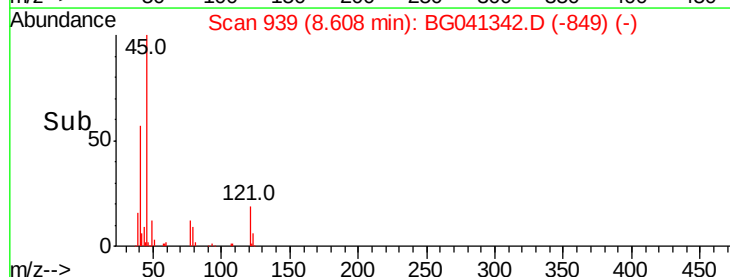
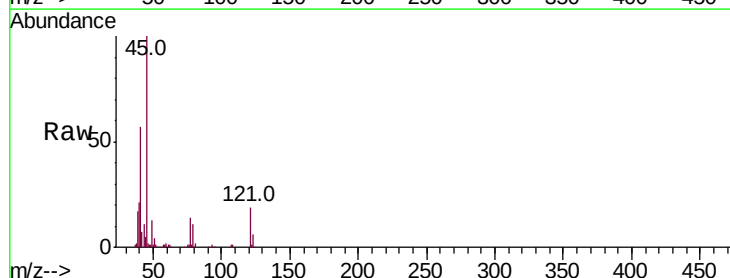
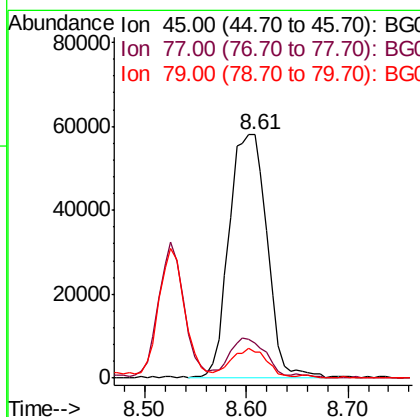
RT: 8.61 min Scan# 939

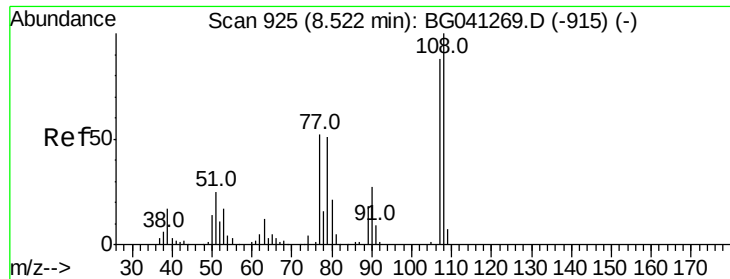
Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 149464 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.2  | 0.0   | 35.2   |
| 79        | 10.9  | 0.0   | 31.6   |





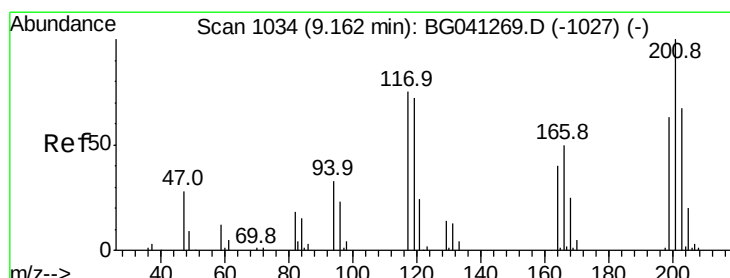
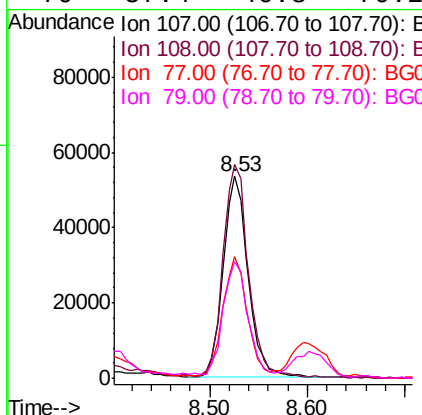
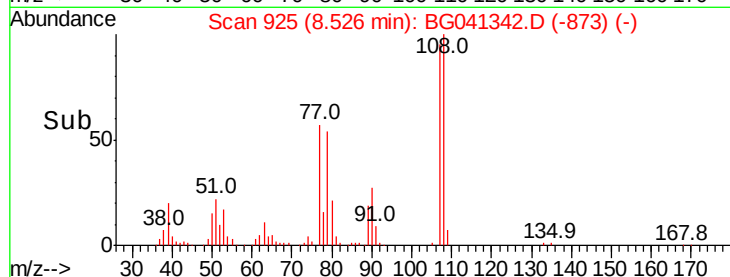
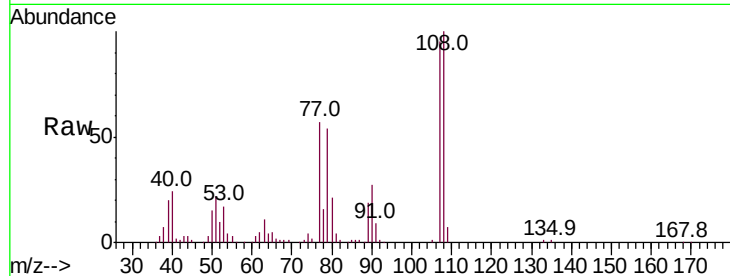
#17  
2-Methylphenol  
Concen: 37.941 ng  
RT: 8.53 min Scan# 925  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 105.7 | 91.7 | 137.5 |       |
| 77      | 60.3  | 47.8 | 71.8  |       |
| 79      | 57.4  | 46.8 | 70.2  |       |

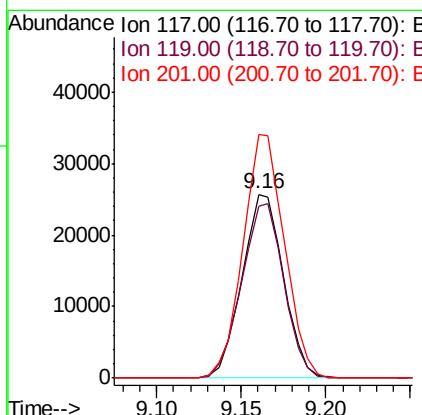
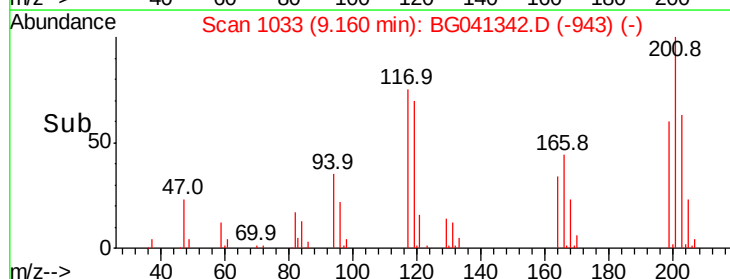
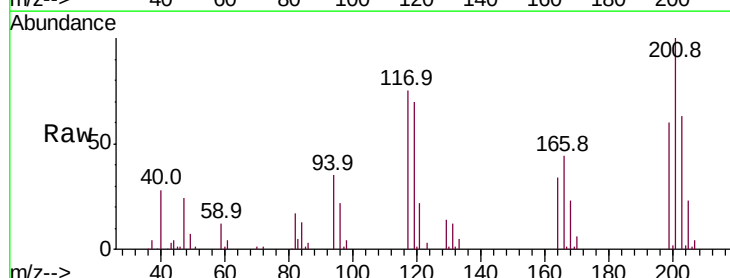
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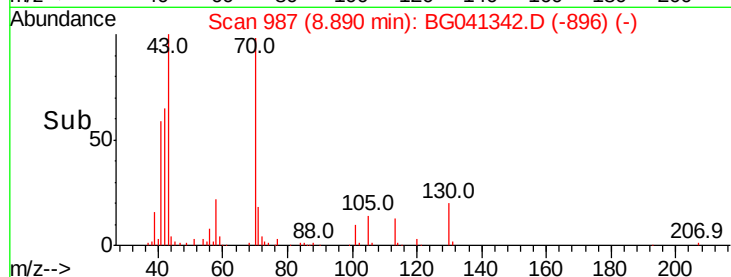
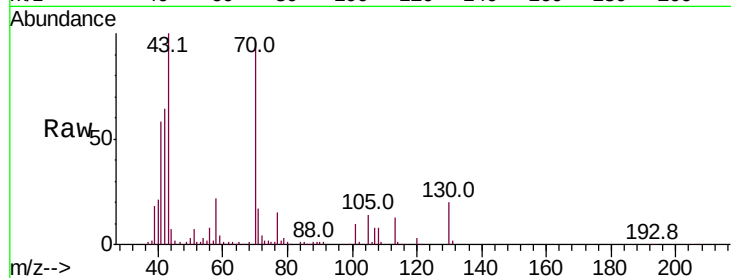
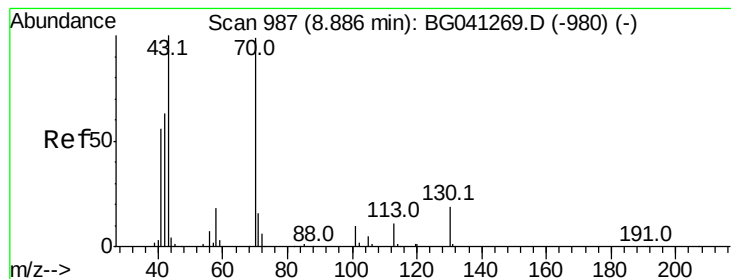
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#18  
Hexachloroethane  
Concen: 33.055 ng  
RT: 9.16 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 94.7  | 76.8  | 115.2 |       |
| 201     | 132.7 | 106.3 | 159.5 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 35.501 ng

RT: 8.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 66.8 | 51.4  | 77.2  |       |
| 101     | 10.5 | 8.2   | 12.2  |       |
| 130     | 20.4 | 15.2  | 22.8  |       |

Instrument :

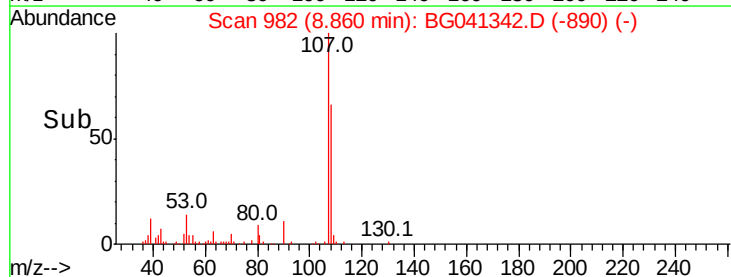
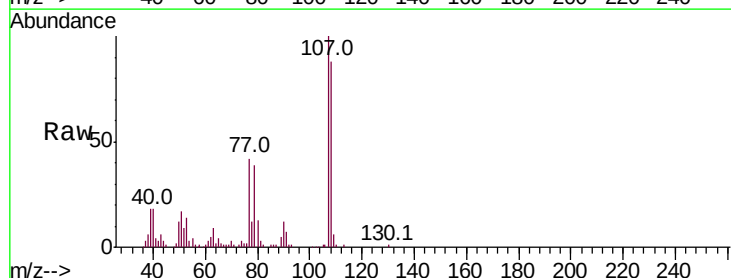
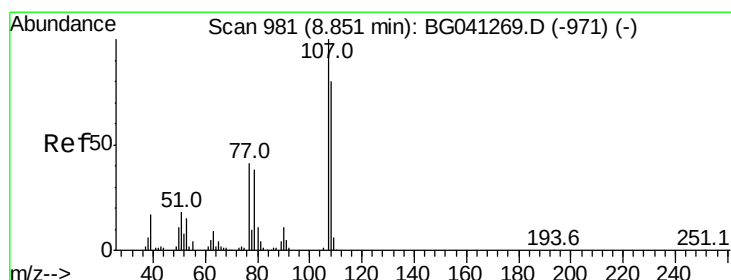
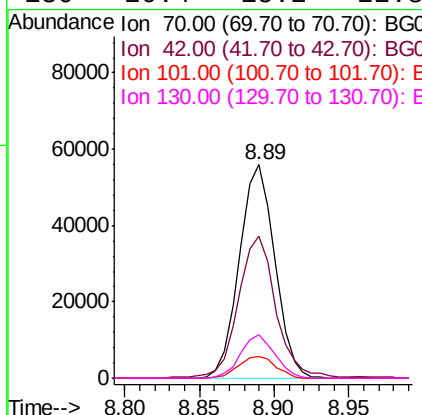
BNA\_G

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 38.139 ng

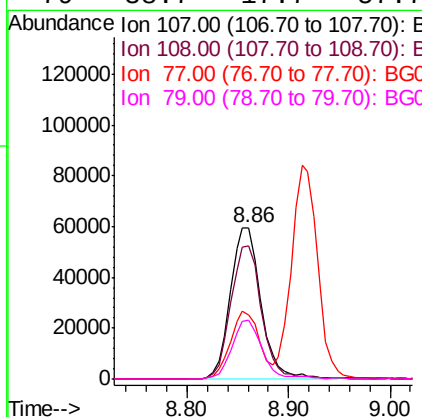
RT: 8.86 min Scan# 982

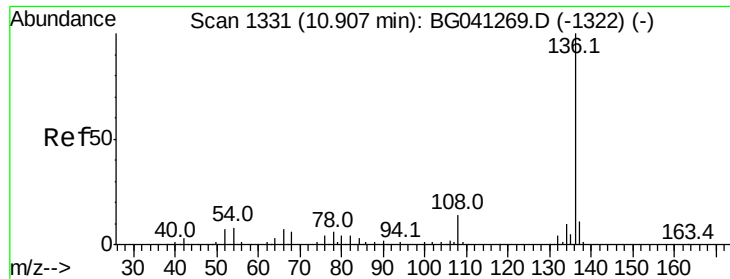
Delta R.T. 0.01 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.5 | 60.4  | 100.4 |       |
| 77      | 42.0 | 21.2  | 61.2  |       |
| 79      | 38.7 | 17.7  | 57.7  |       |





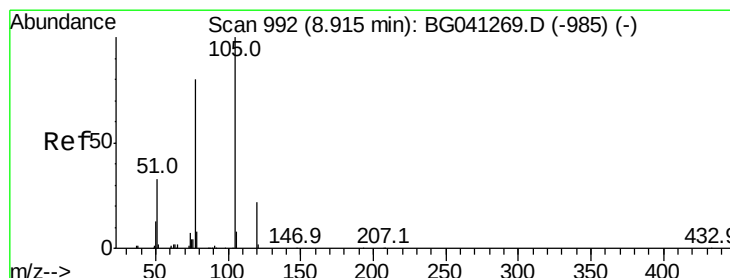
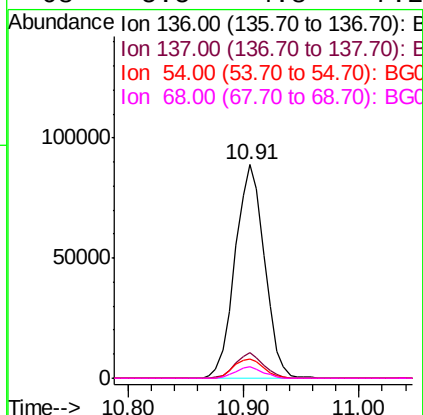
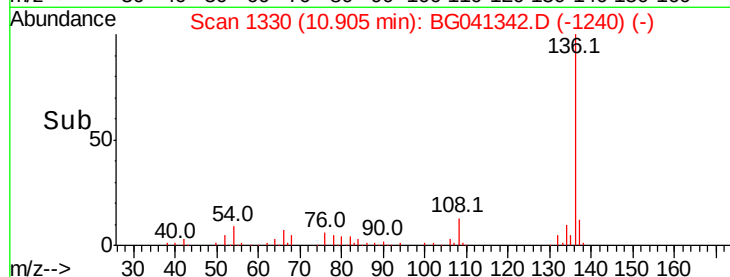
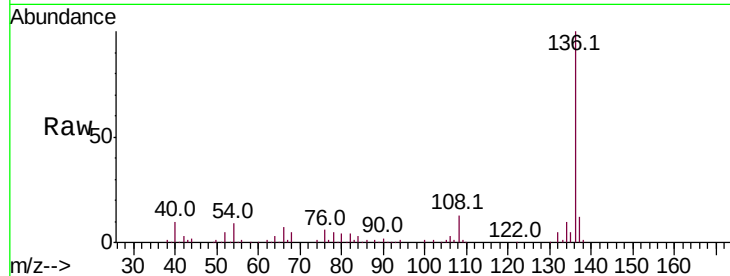
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 155941 |       |       |
| 137     | 12.0  |        | 8.8   | 13.2  |
| 54      | 9.2   |        | 6.4   | 9.6   |
| 68      | 5.5   |        | 4.8   | 7.2   |

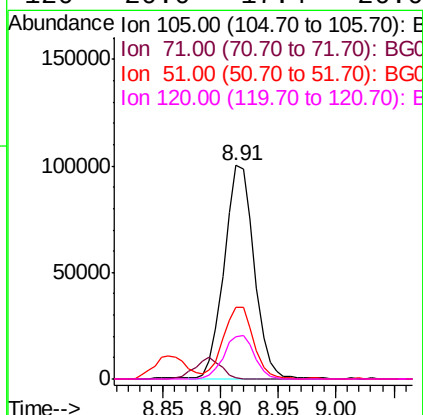
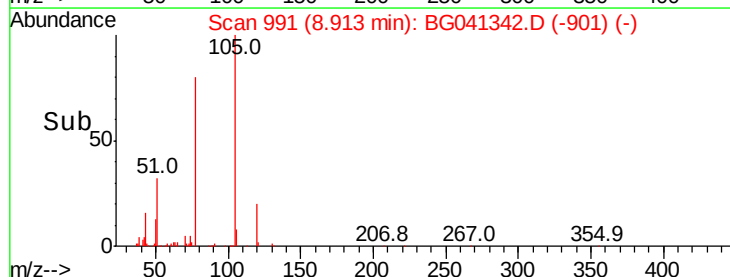
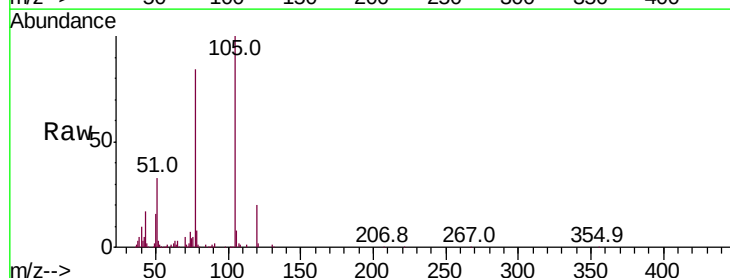
Manual Integrations  
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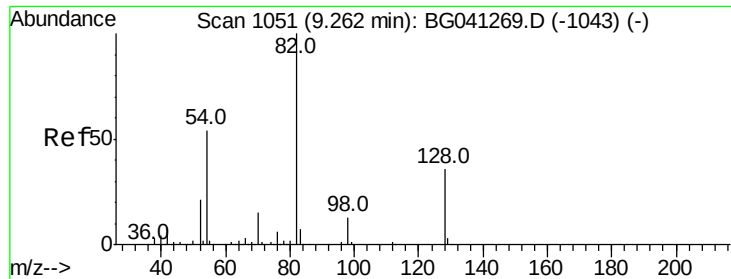
mohammad  
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#22  
Acetophenone  
Concen: 39.564 ng  
RT: 8.91 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 179536 |       |       |
| 71      | 0.9   |        | 0.4   | 0.6#  |
| 51      | 33.4  |        | 28.2  | 42.4  |
| 120     | 20.0  |        | 17.4  | 26.0  |





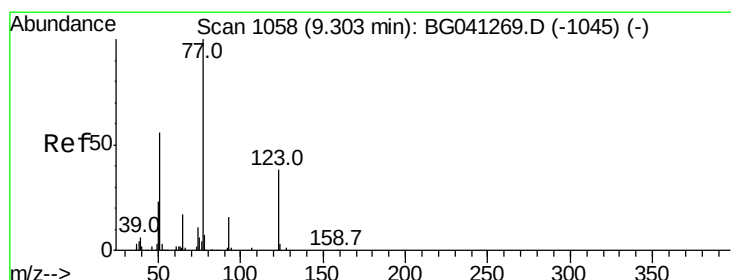
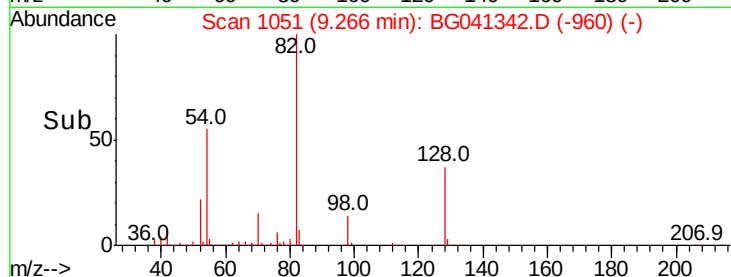
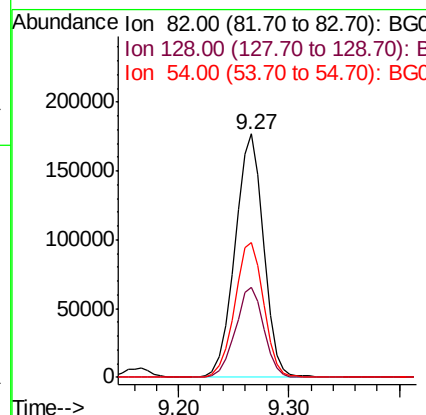
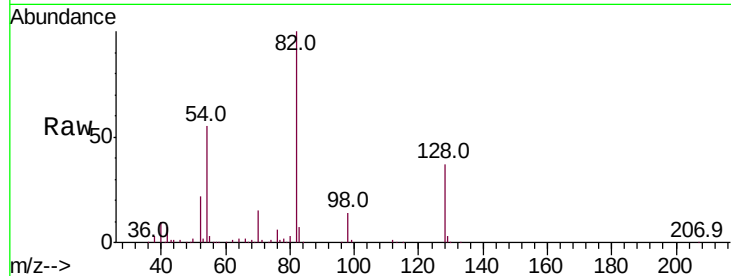
#23  
Nitrobenzene-d5  
Concen: 86.419 ng  
RT: 9.27 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.7  | 29.2  | 43.8  |
| 54      | 55.4  | 43.4  | 65.0  |

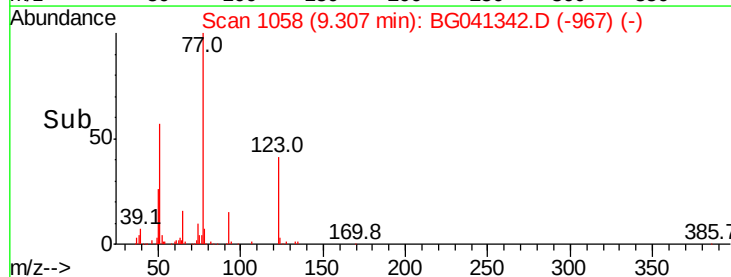
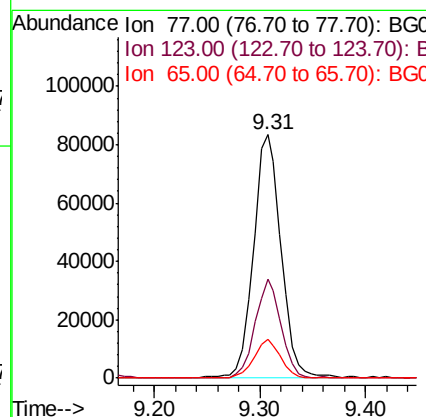
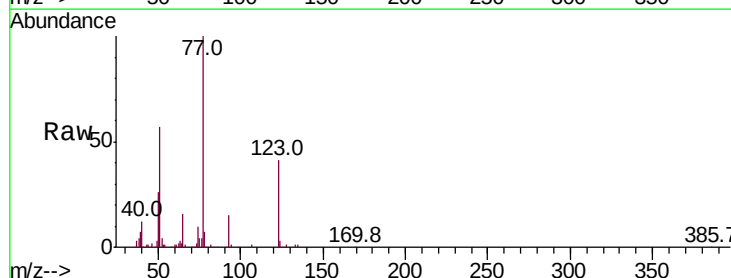
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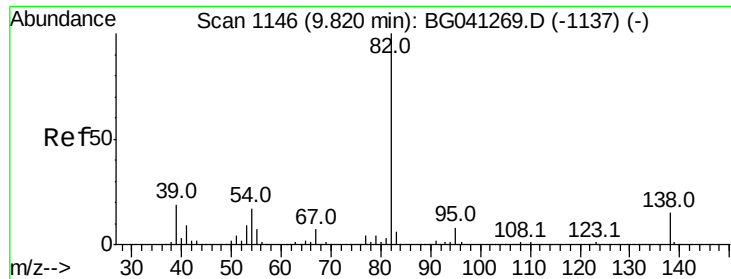


#24  
Nitrobenzene  
Concen: 40.714 ng  
RT: 9.31 min Scan# 1058  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 40.5  | 30.4  | 45.6  |
| 65      | 15.8  | 13.3  | 19.9  |







#25

Isophorone

Concen: 38.228 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

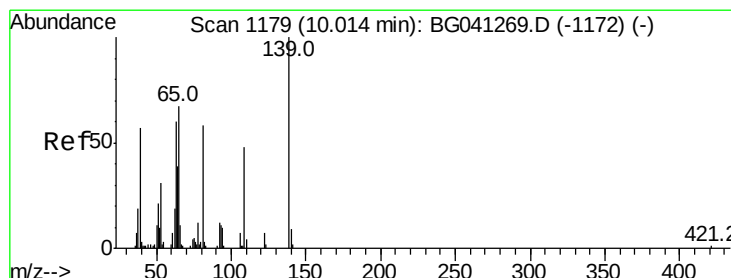
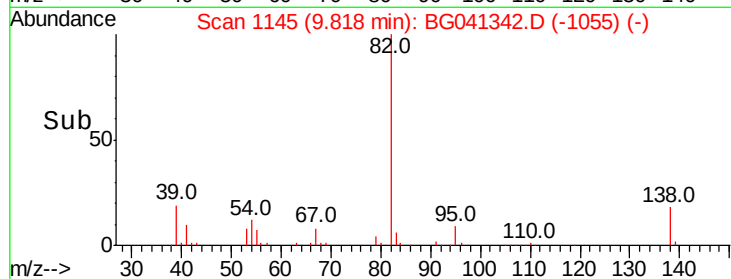
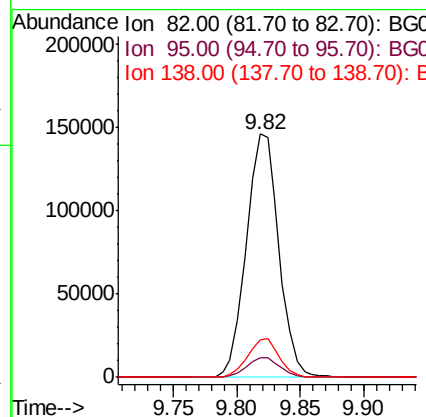
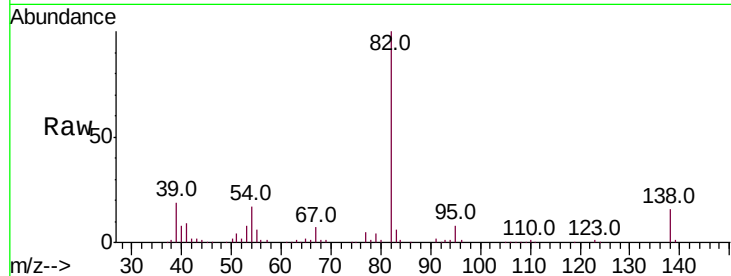
ClientSampleId :

SU-03-061719-AMS

| Tot Ion   | 82    | Resp  | 260049 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.1   | 6.6   | 10.0   |
| 138       | 15.6  | 12.3  | 18.5   |

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#26

2-Nitrophenol

Concen: 42.201 ng

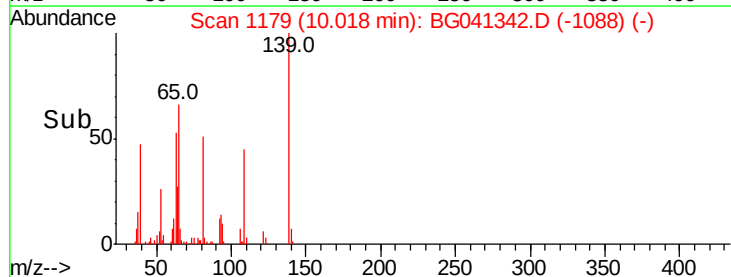
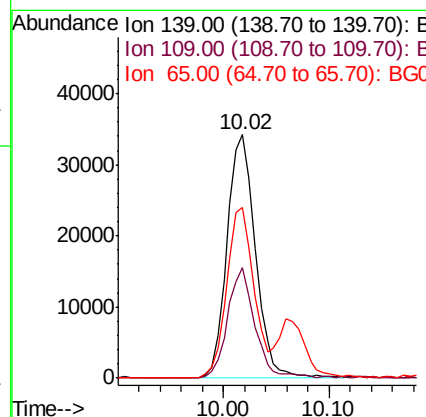
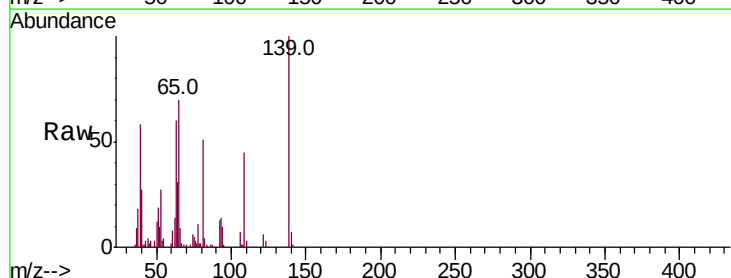
RT: 10.02 min Scan# 1179

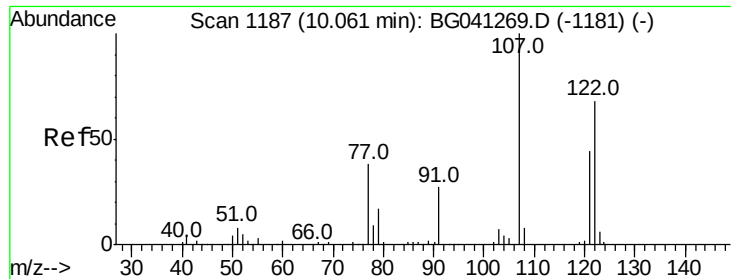
Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

| Tgt Ion   | 139   | Resp  | 63802 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 45.5  | 38.4  | 57.6  |
| 65        | 70.2  | 53.6  | 80.4  |





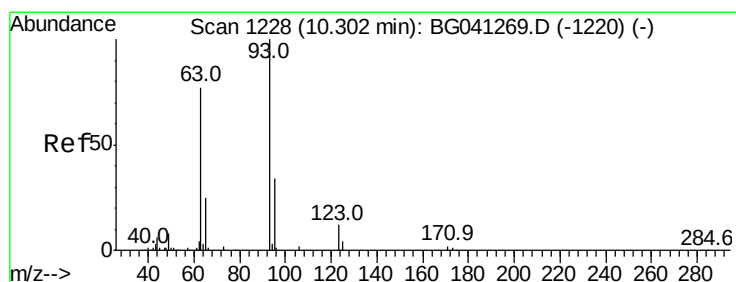
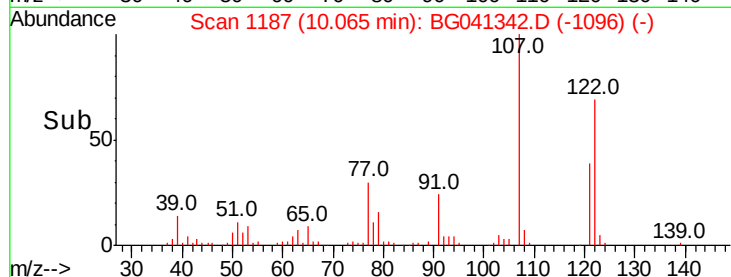
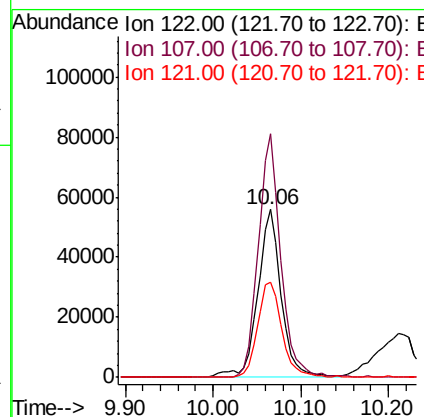
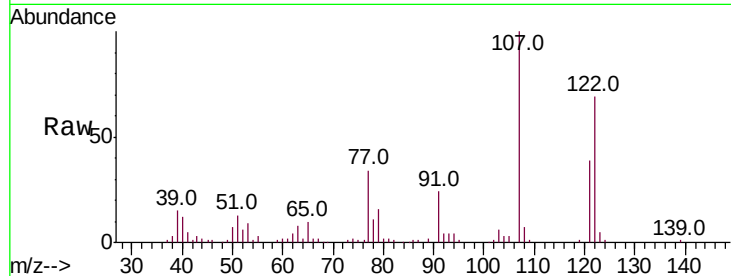
#27  
 2,4-Dimethylphenol  
 Concen: 45.005 ng  
 RT: 10.06 min Scan# 1187  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 101991 |       |       |
| 107     | 145.4 | 115.1 | 172.7  |       |       |
| 121     | 56.6  | 50.1  | 75.1   |       |       |

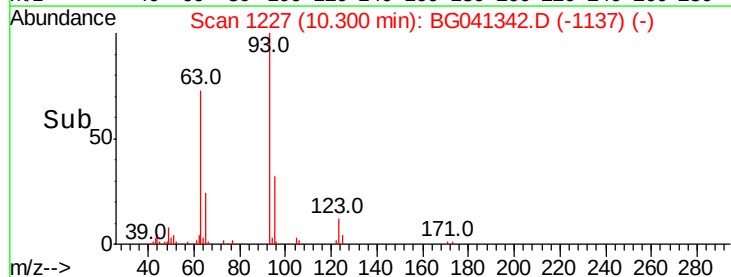
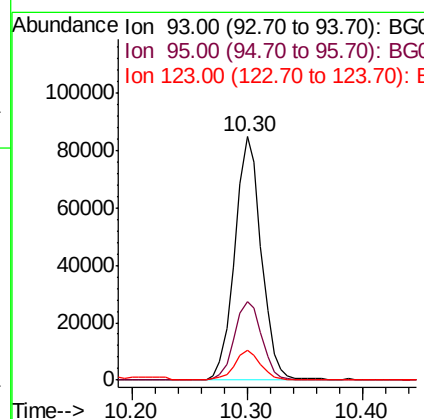
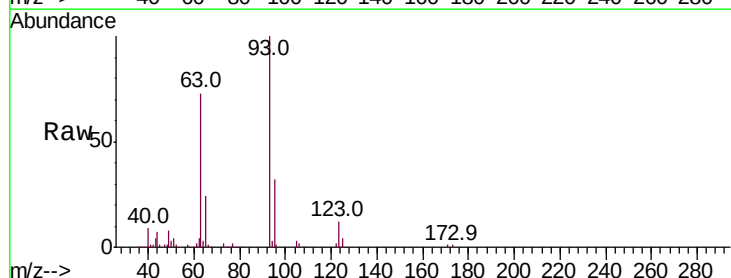
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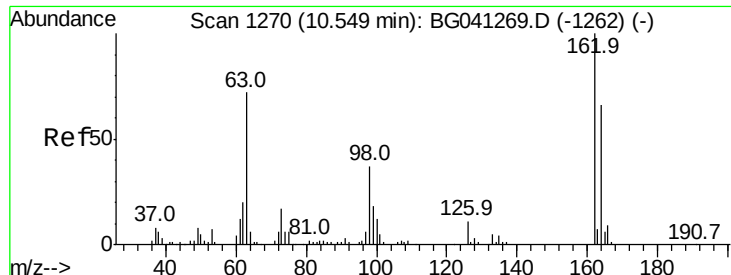
mohammad  
 6/21/2019 9:57:48 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.212 ng  
 RT: 10.30 min Scan# 1227  
 Delta R.T. -0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 135443 |       |       |
| 95      | 32.4 | 27.3  | 40.9   |       |       |
| 123     | 12.1 | 9.6   | 14.4   |       |       |





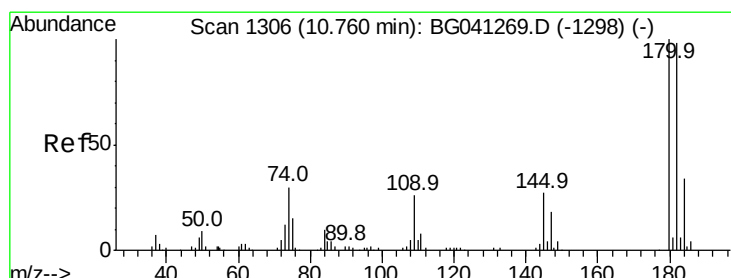
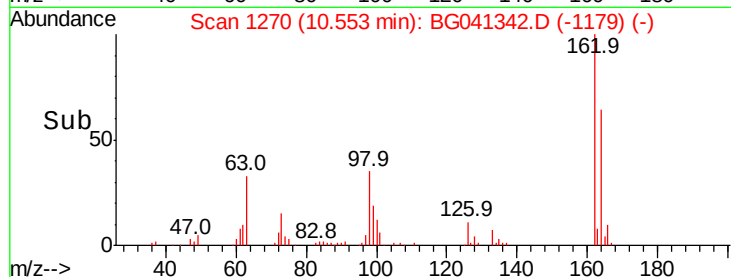
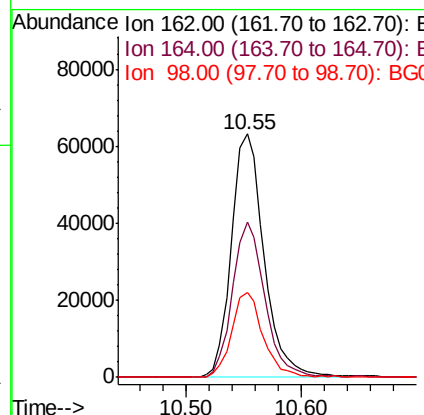
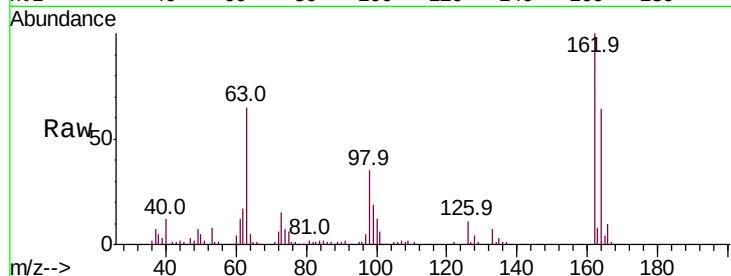
#29  
 2,4-Dichlorophenol  
 Concen: 44.062 ng  
 RT: 10.55 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 123813 |       |       |
| 164     | 64.0  | 46.0   | 86.0  |       |
| 98      | 34.9  | 17.4   | 57.4  |       |

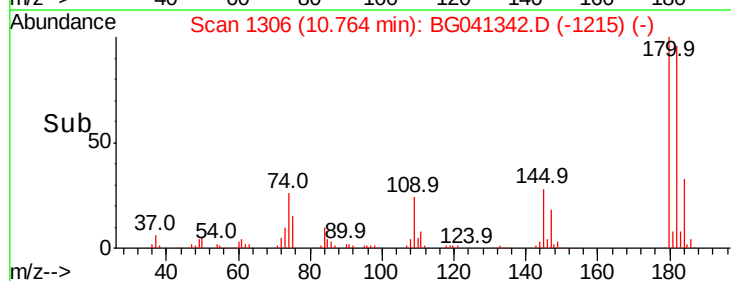
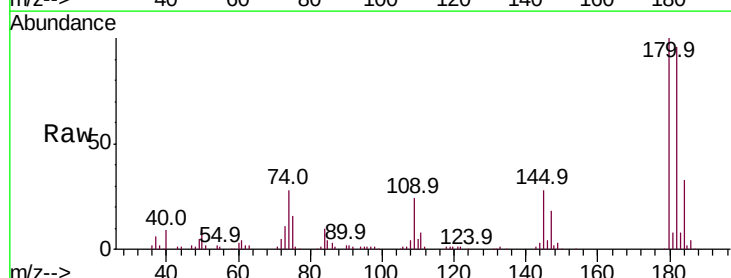
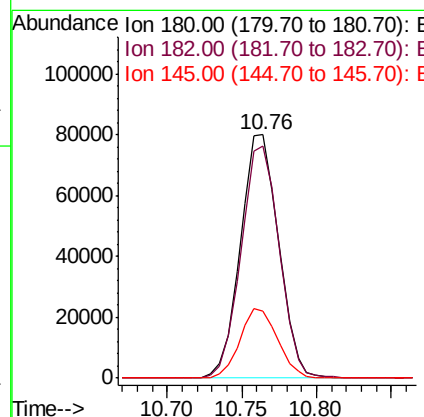
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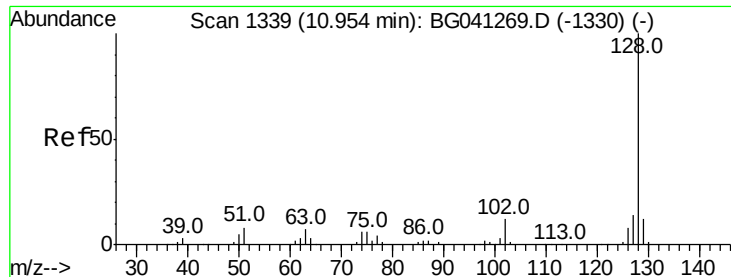
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.426 ng  
 RT: 10.76 min Scan# 1306  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 141884 |       |       |
| 182     | 95.6  | 78.6   | 117.8 |       |
| 145     | 27.6  | 21.7   | 32.5  |       |





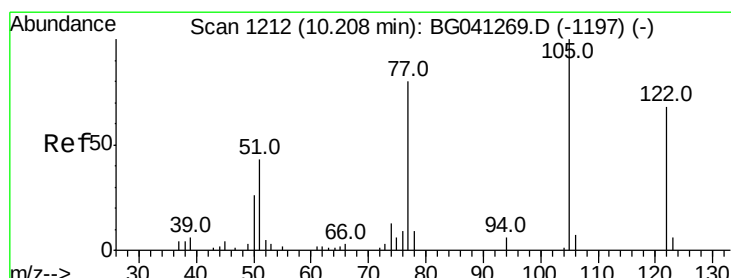
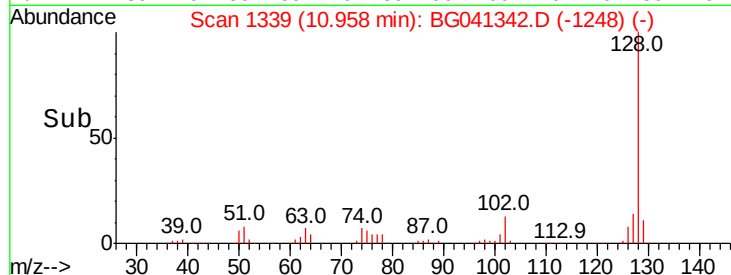
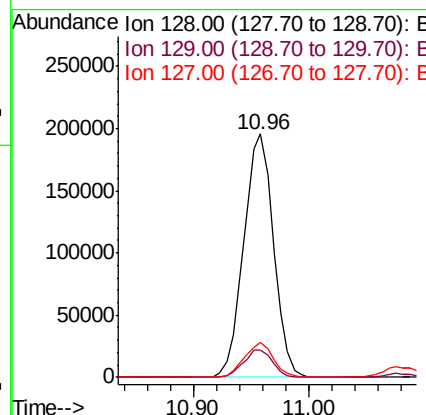
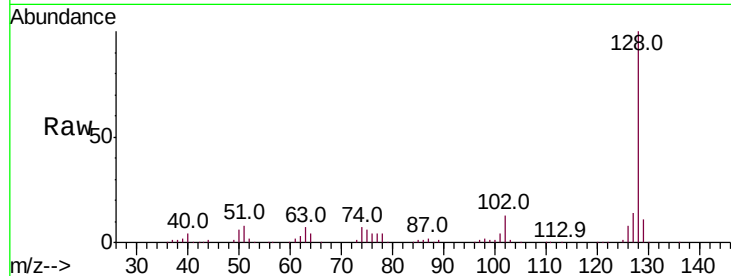
#31  
Naphthalene  
Concen: 41.314 ng  
RT: 10.96 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 9.4   | 14.0  |
| 127     | 14.2  | 11.2  | 16.8  |

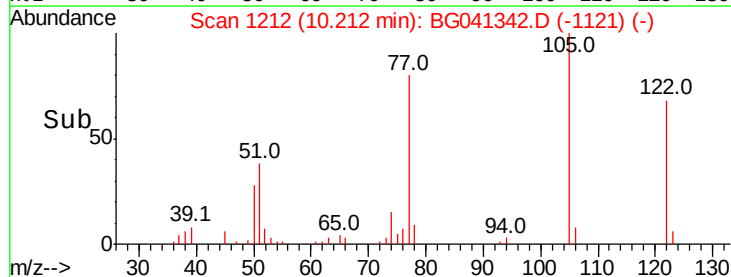
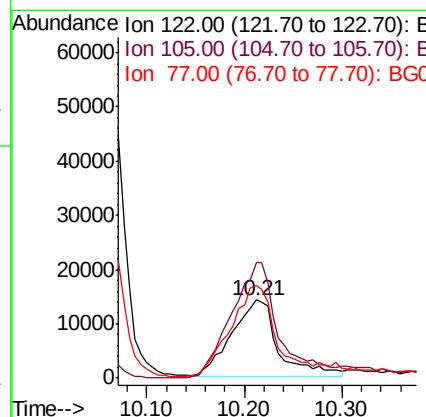
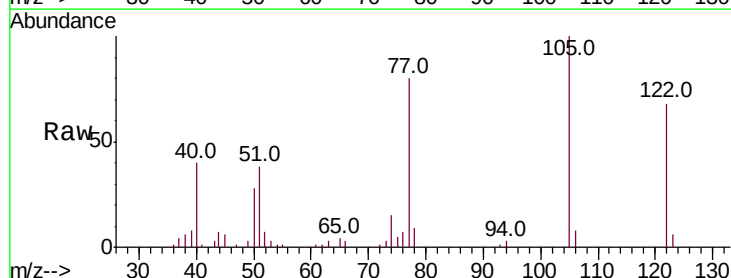
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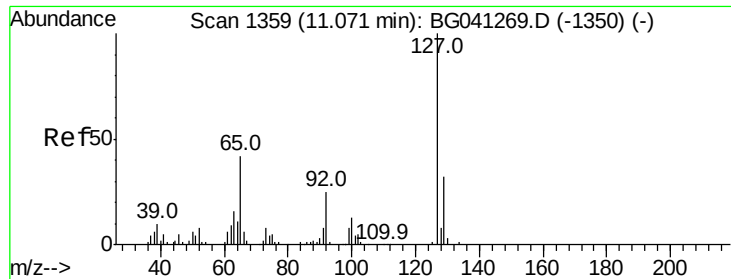
mohammad  
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#32  
Benzoic acid  
Concen: 31.709 ng  
RT: 10.21 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 147.4 | 124.2 | 164.2 |
| 77      | 117.6 | 97.2  | 137.2 |





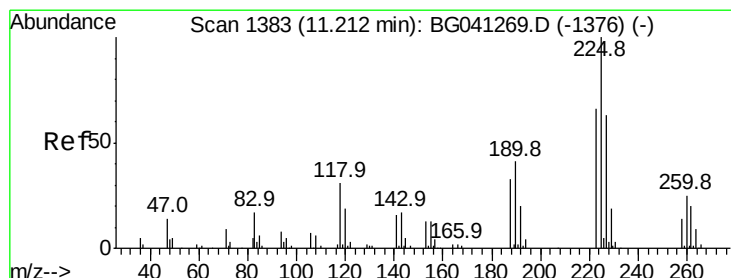
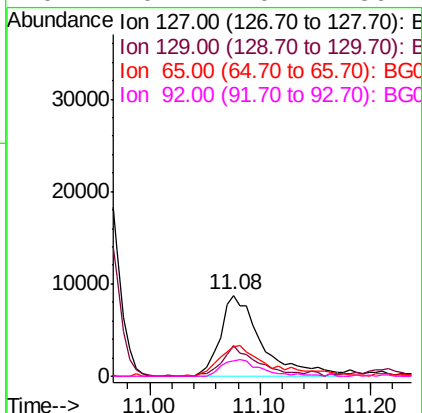
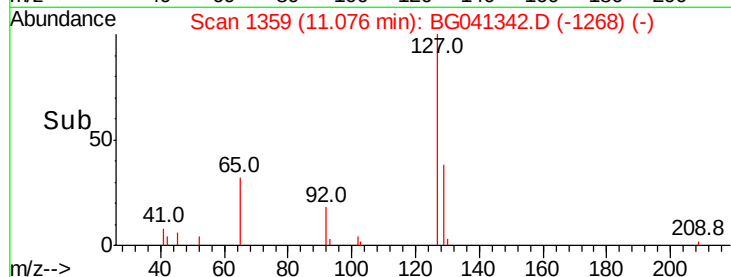
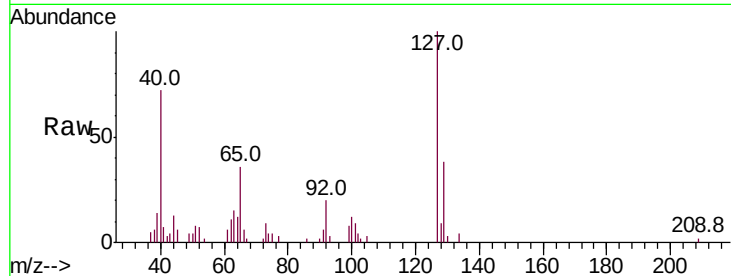
#33  
4-Chloroaniline  
Concen: 6.274 ng  
RT: 11.08 min Scan# 1359  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 38.0  | 25.8  | 38.8  |
| 65      | 35.7  | 33.8  | 50.8  |
| 92      | 19.7  | 20.2  | 30.4  |

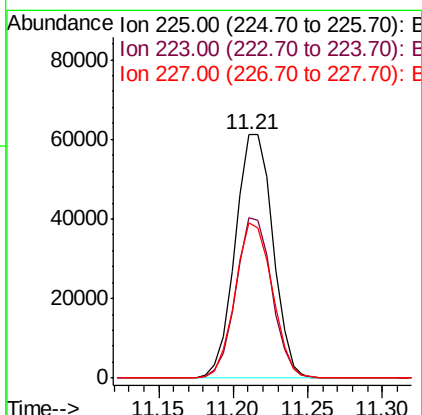
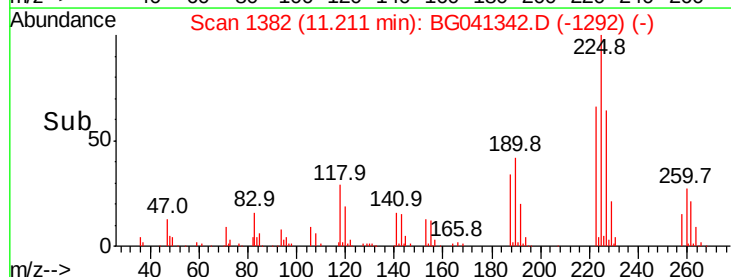
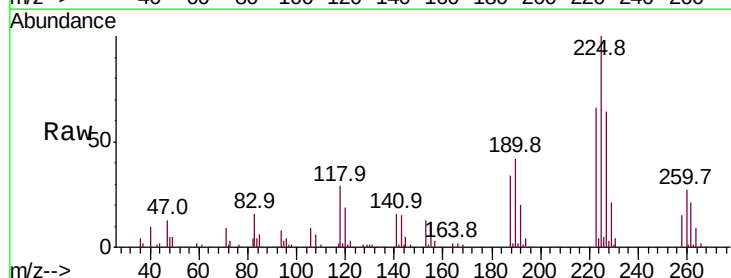
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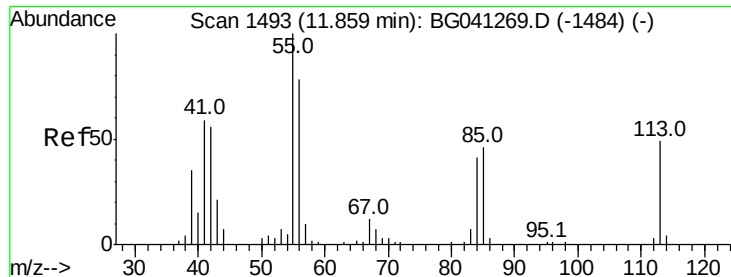
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 37.503 ng  
RT: 11.21 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.1  | 52.5  | 78.7  |
| 227     | 63.9  | 50.2  | 75.2  |





#35

Caprolactam

Concen: 30.009 ng/mL

RT: 11.87 min Scan# 1495

Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

ClientSampleId :

SU-03-061719-AMS

Tot Ion:113 Resp: 29030

Ion Ratio Lower Upper

113 100

55 205.3 182.6 222.6

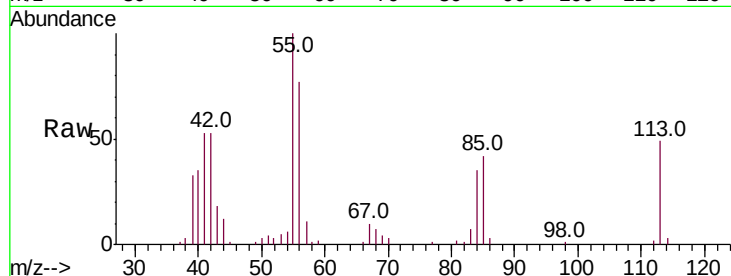
56 157.5 137.5 177.5

Manual Integrations

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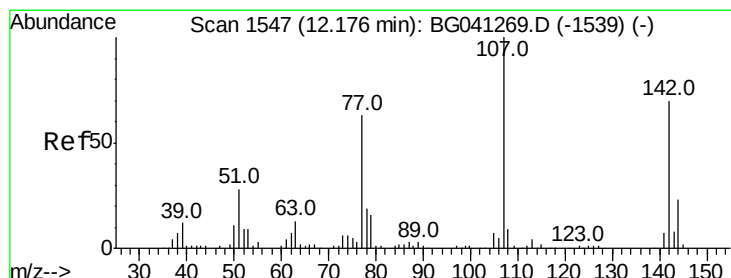
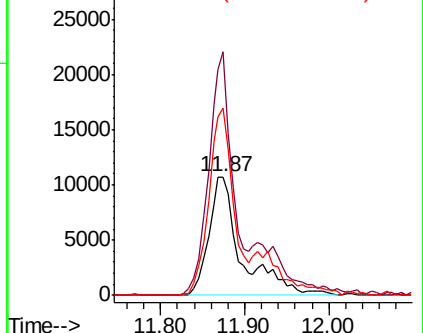
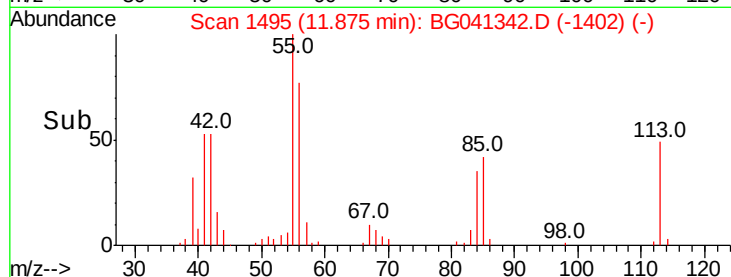
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.593 ng/mL

RT: 12.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

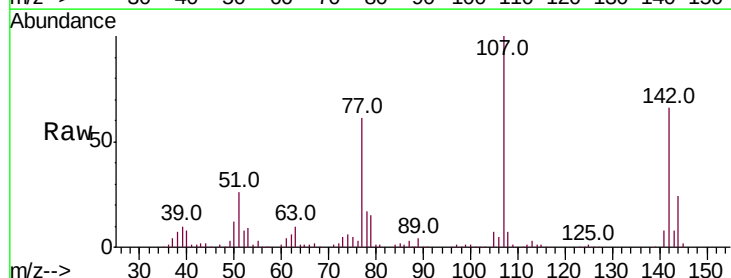
Tgt Ion:107 Resp: 131754

Ion Ratio Lower Upper

107 100

144 24.0 18.5 27.7

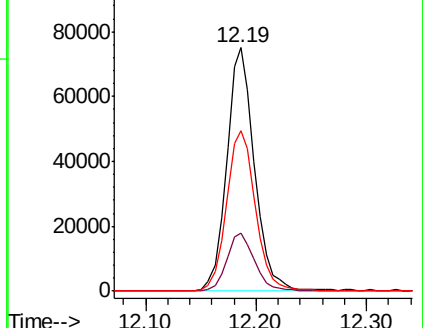
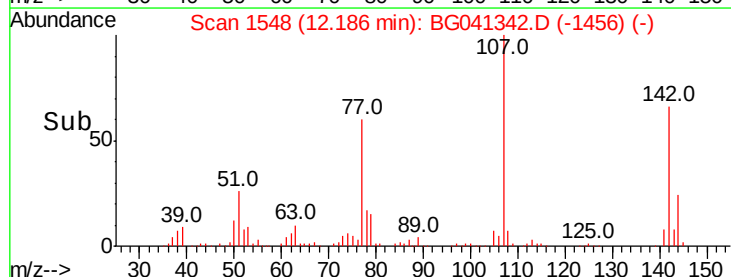
142 66.0 56.3 84.5

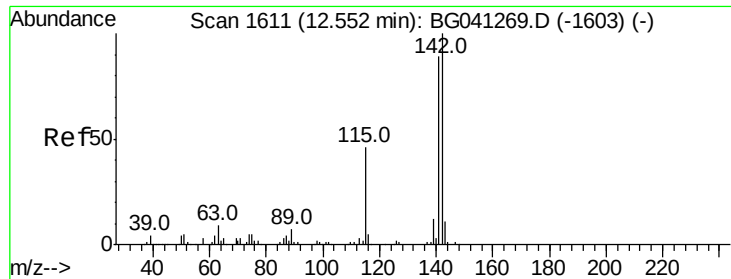


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





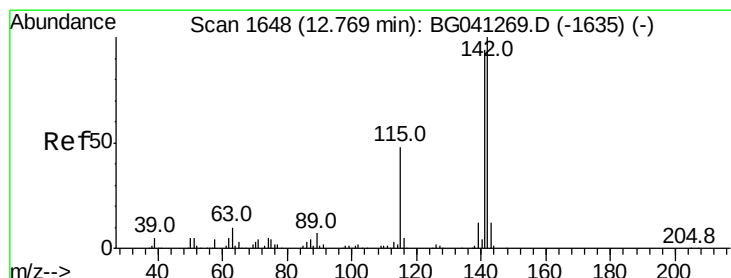
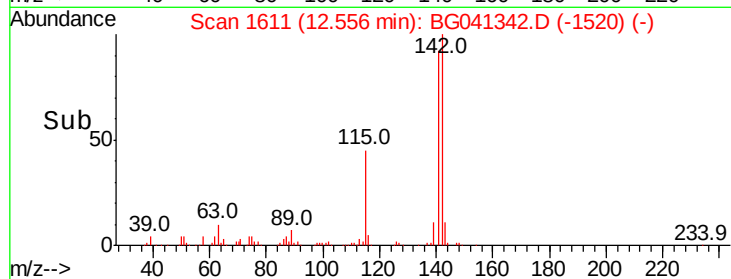
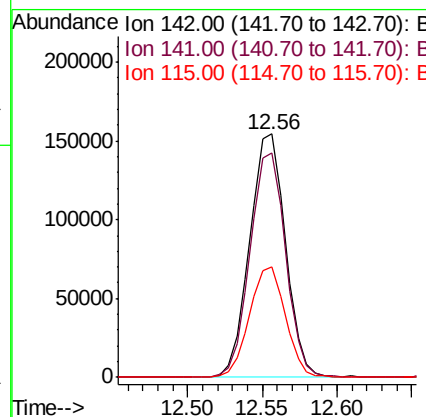
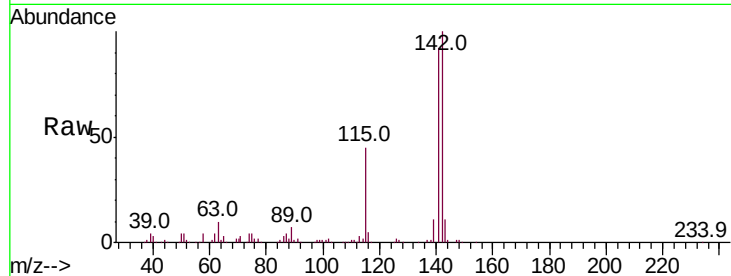
#37  
2-Methylnaphthalene  
Concen: 40.992 ng  
RT: 12.56 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 71.5  | 107.3 |
| 115     | 45.5  | 37.0  | 55.6  |

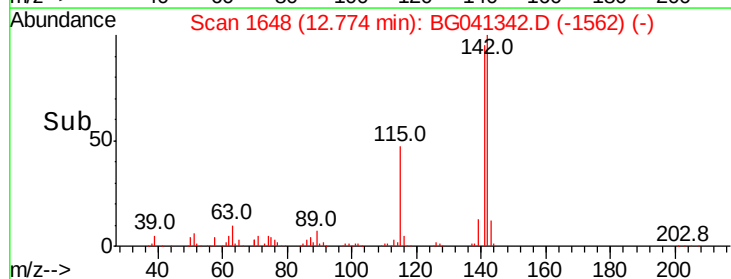
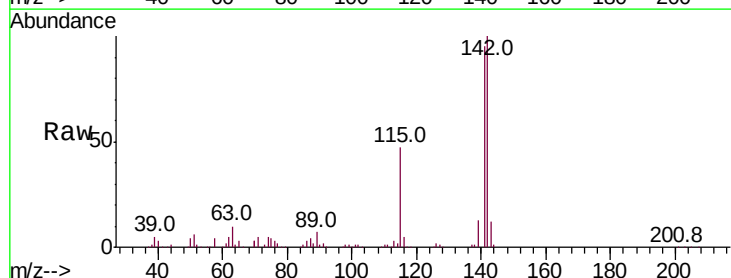
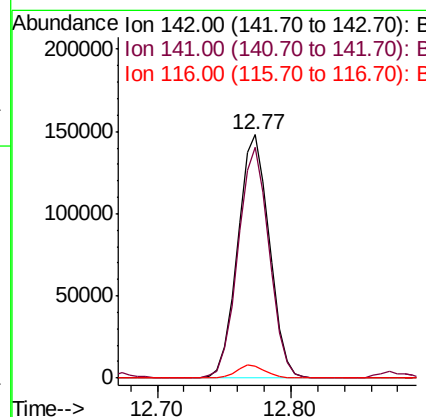
Manual Integrations  
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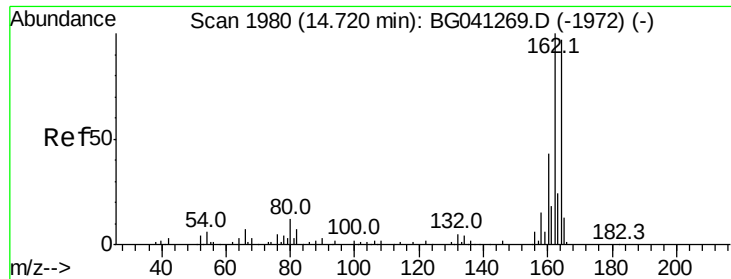
mohammad  
6/21/2019 9:57:48 PM



#38  
1-Methylnaphthalene  
Concen: 40.661 ng  
RT: 12.77 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.0  | 75.0  | 112.6 |
| 116     | 4.9   | 4.2   | 6.2   |





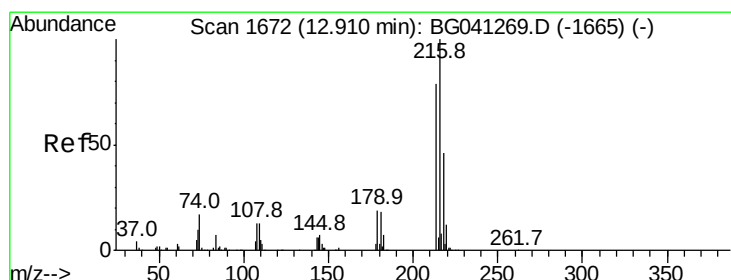
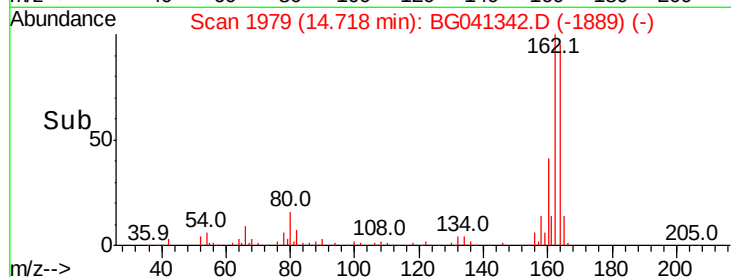
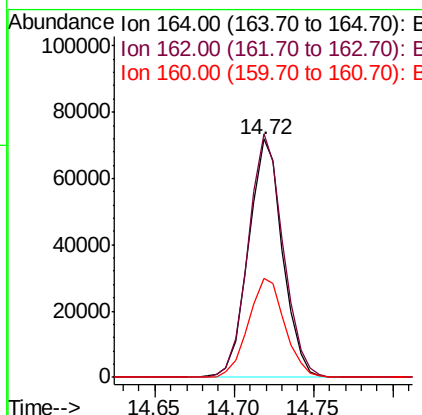
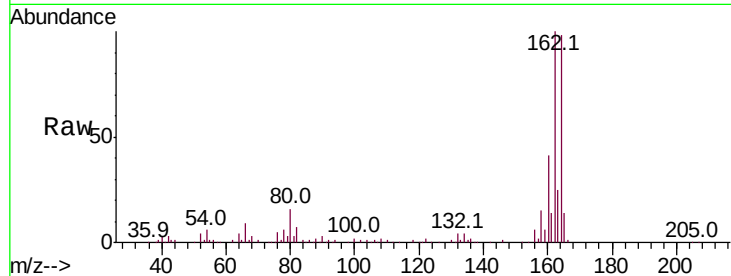
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.72 min Scan# 1979  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 107122 |       |       |
| 162     | 102.2 | 82.8   | 124.2 |       |
| 160     | 41.7  | 35.8   | 53.8  |       |

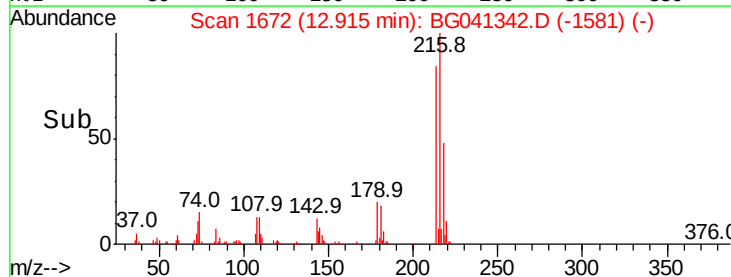
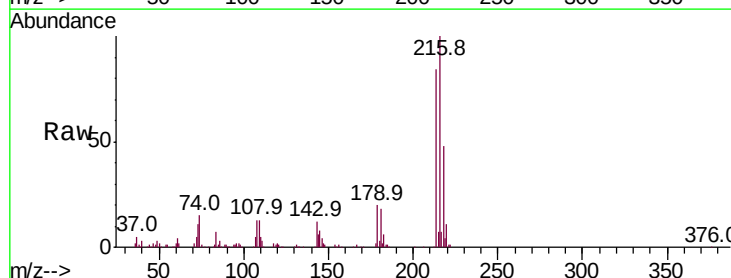
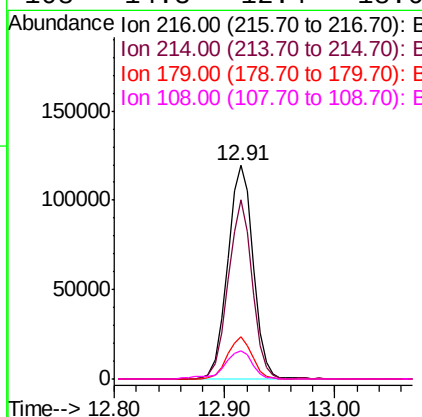
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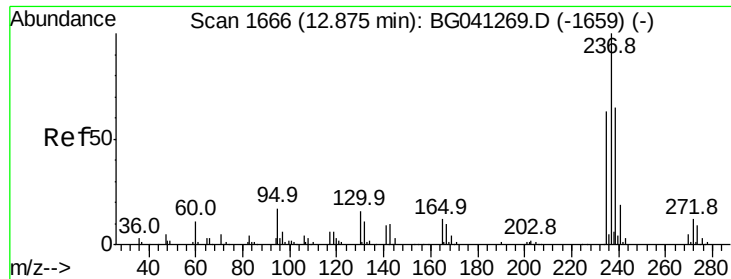


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.718 ng  
RT: 12.91 min Scan# 1672  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 193383 |       |       |
| 214     | 79.2  | 62.8   | 94.2  |       |
| 179     | 19.0  | 15.2   | 22.8  |       |
| 108     | 14.3  | 12.4   | 18.6  |       |







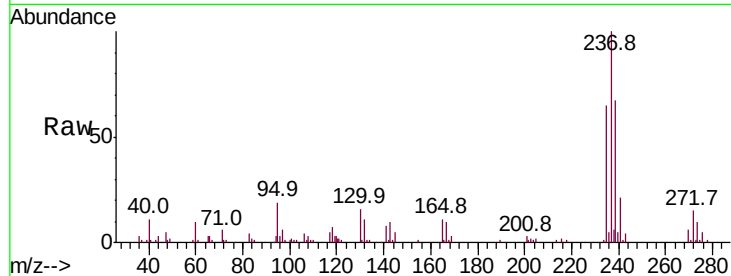
#41  
Hexachlorocyclopentadiene  
Concen: 18.983 ng  
RT: 12.88 min Scan# 1666  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

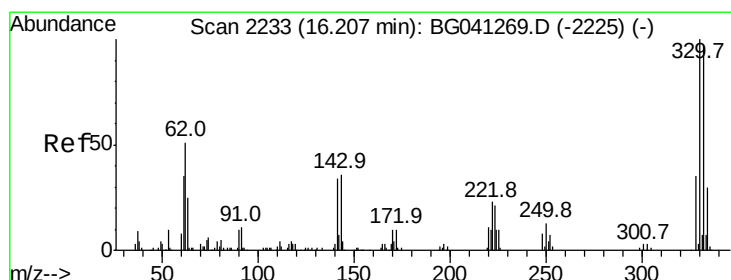
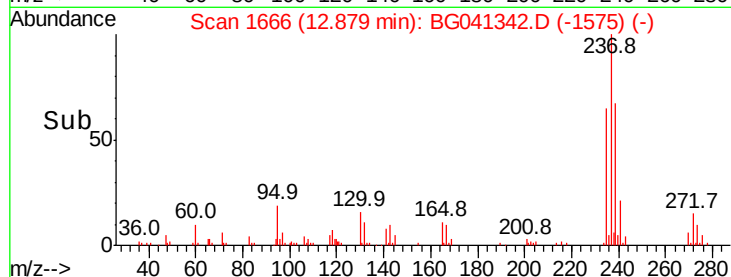
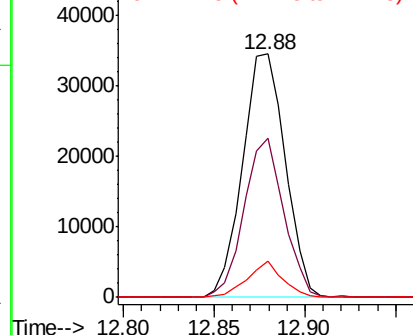
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 65.2  | 42.9       | 82.9  |
| 272     | 15.0  | 0.0        | 32.0  |

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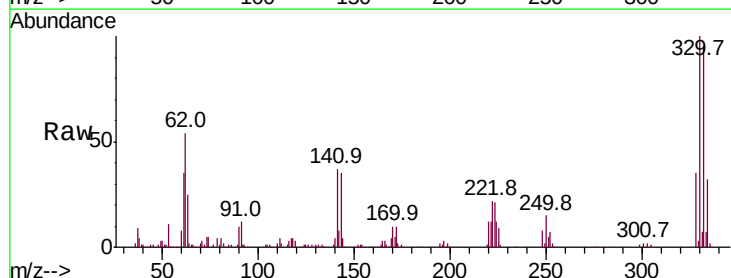


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

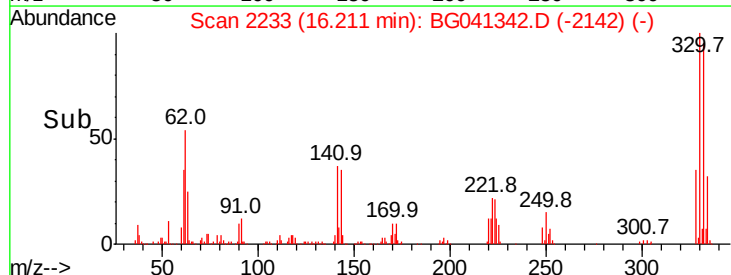
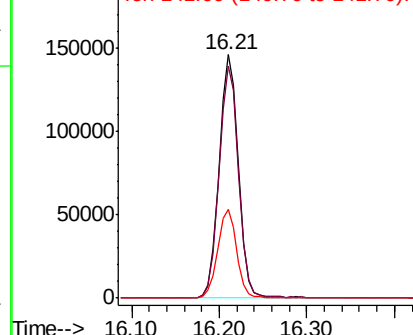


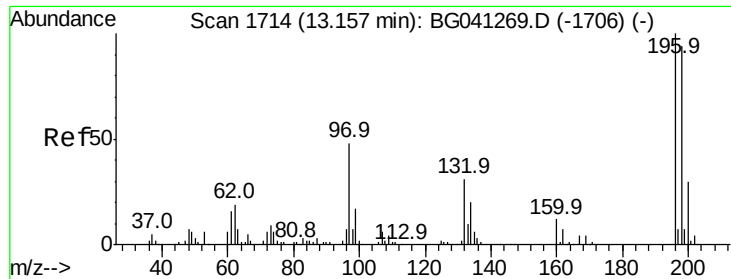
#42  
2,4,6-Tribromophenol  
Concen: 136.461 ng  
RT: 16.21 min Scan# 2233  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.5  | 75.5       | 113.3 |
| 141     | 35.9  | 29.0       | 43.4  |



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





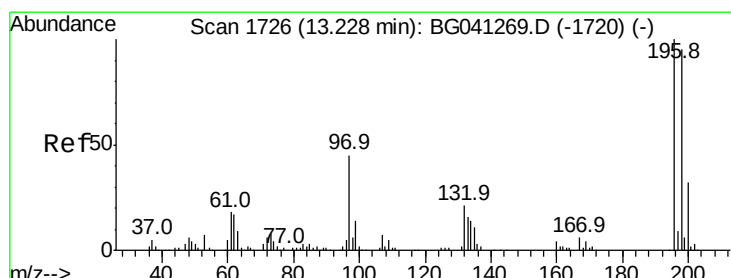
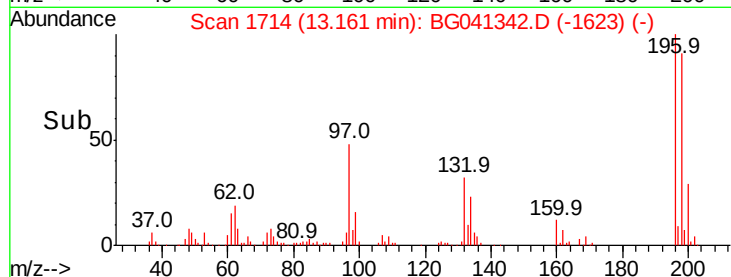
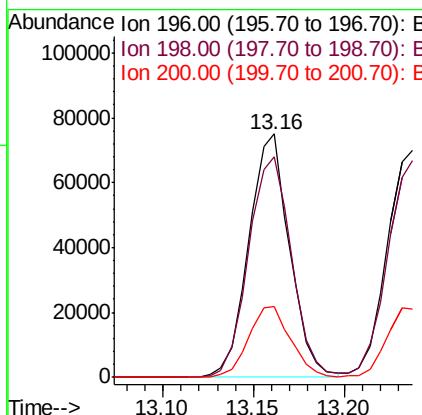
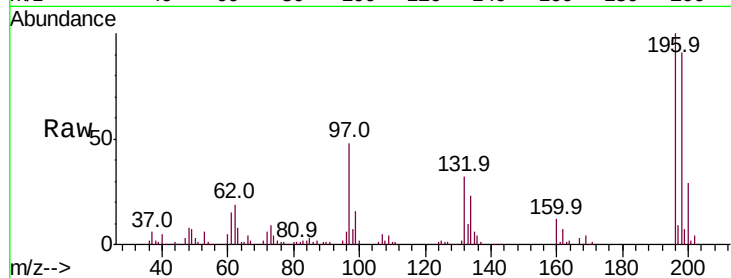
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.818 ng  
 RT: 13.16 min Scan# 1714  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 117165 |       |       |
| 198     | 90.6  | 74.9   | 112.3 |       |
| 200     | 29.0  | 24.2   | 36.2  |       |

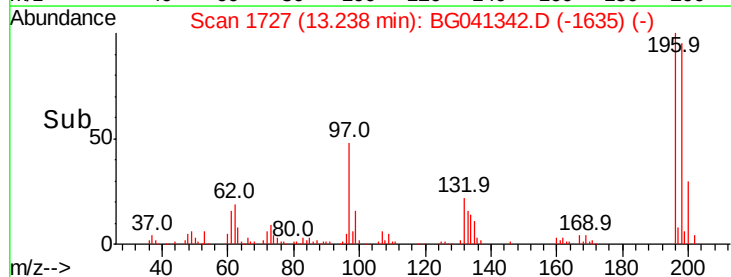
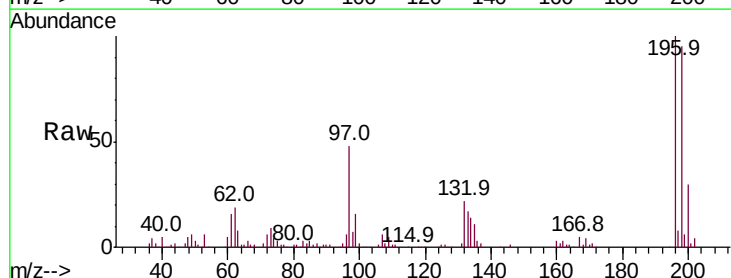
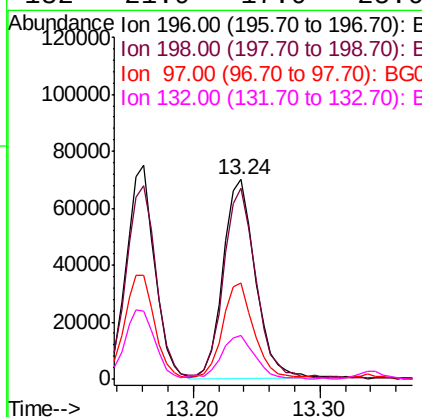
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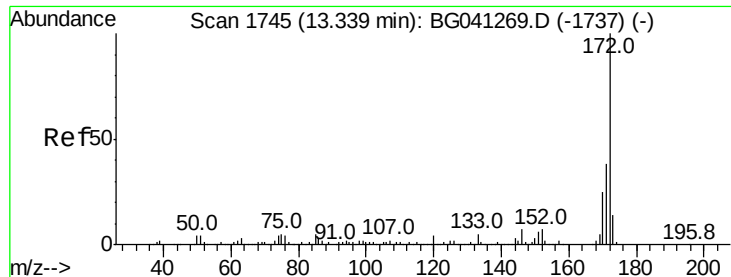
mohammad  
 6/21/2019 9:57:48 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.812 ng  
 RT: 13.24 min Scan# 1727  
 Delta R.T. 0.01 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 123354 |       |       |
| 198     | 95.5  | 76.1   | 114.1 |       |
| 97      | 47.9  | 35.9   | 53.9  |       |
| 132     | 21.9  | 17.0   | 25.6  |       |





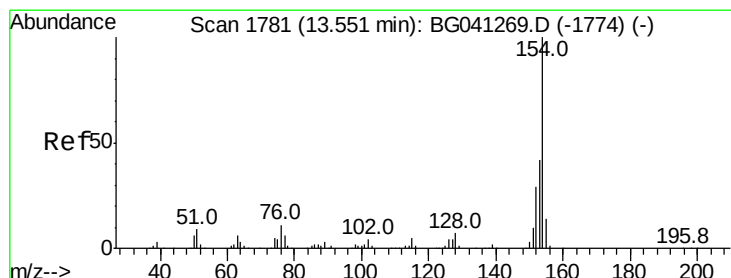
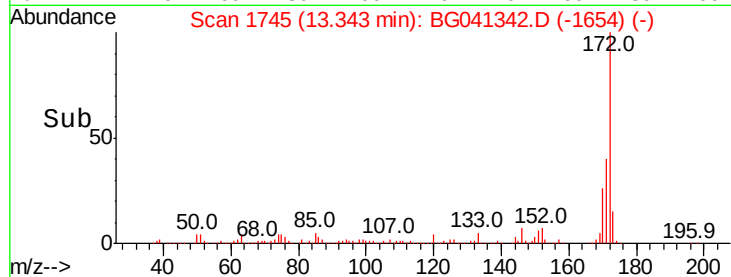
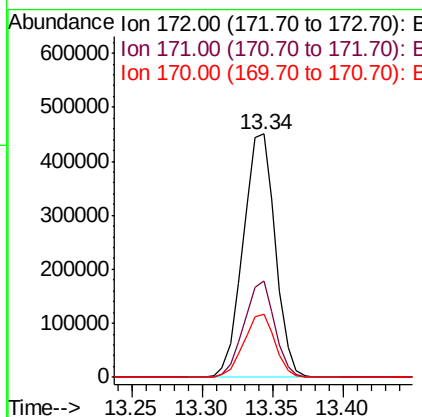
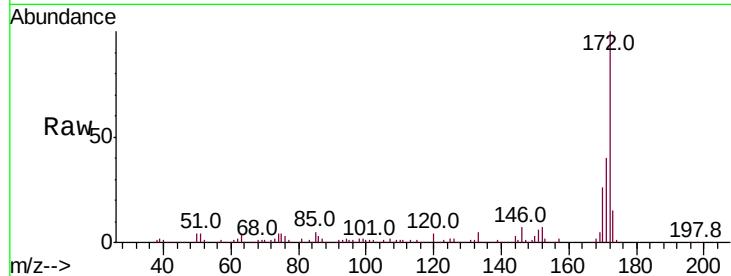
#45  
2-Fluorobiphenyl  
Concen: 91.309 ng  
RT: 13.34 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 39.8  |      | 30.0  | 45.0  |
| 170     | 25.7  |      | 19.8  | 29.6  |

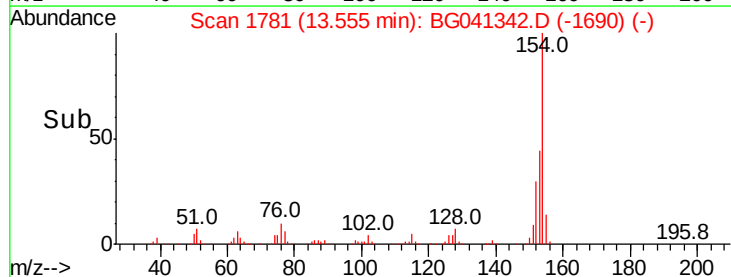
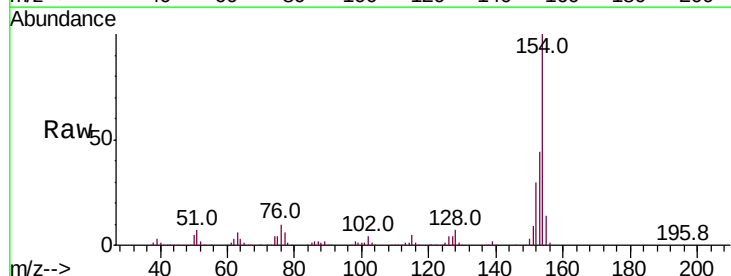
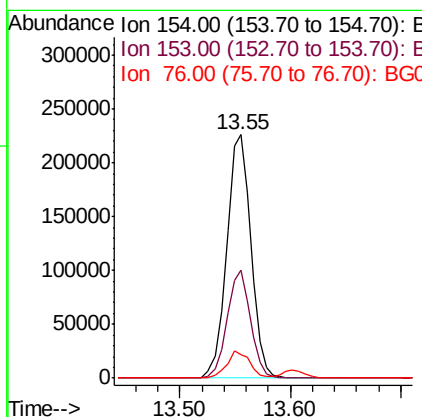
Manual Integrations  
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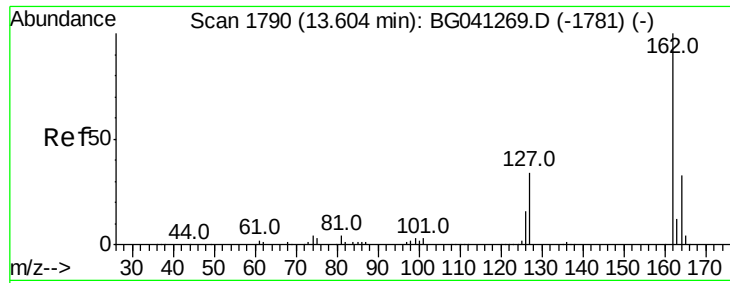
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 42.683 ng  
RT: 13.55 min Scan# 1781  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 44.4  |      | 22.3  | 62.3  |
| 76      | 9.7   |      | 0.0   | 30.8  |





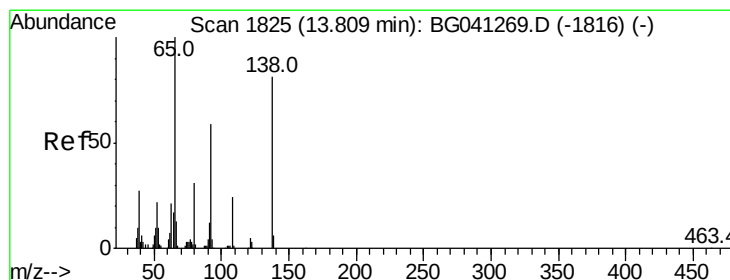
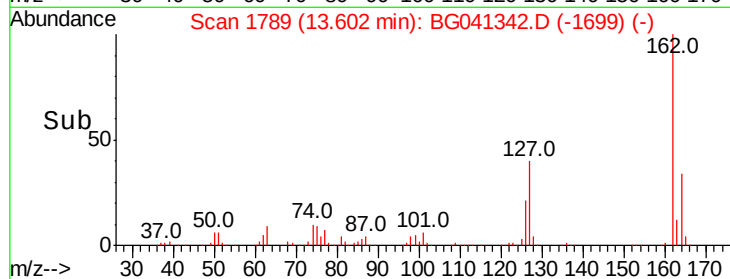
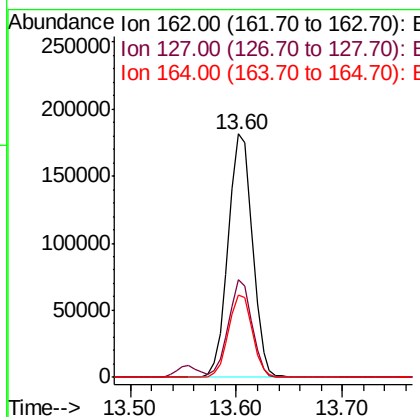
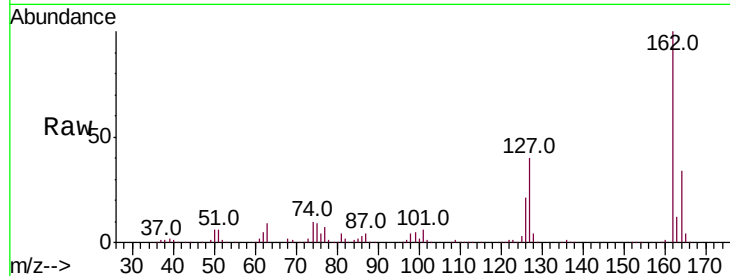
#47  
 2-Chloronaphthalene  
 Concen: 41.299 ng  
 RT: 13.60 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 287947 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.3  | 31.0  | 46.4   |
| 164       | 33.9  | 26.1  | 39.1   |

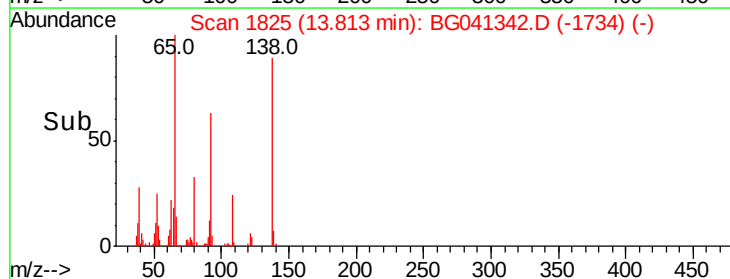
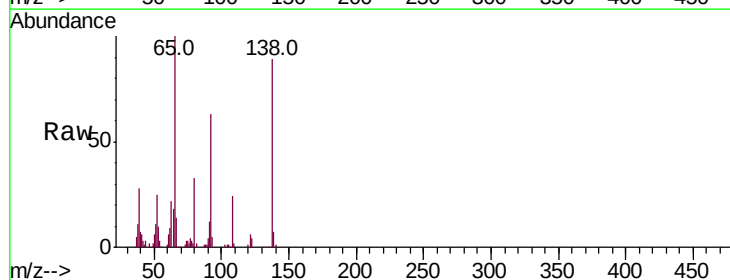
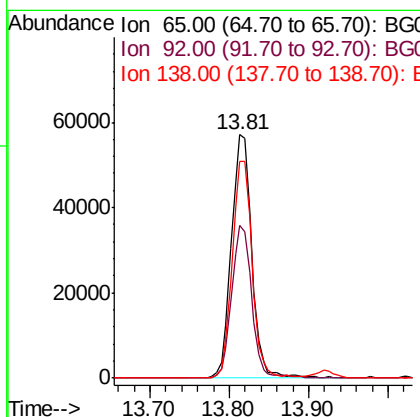
Manual Integrations  
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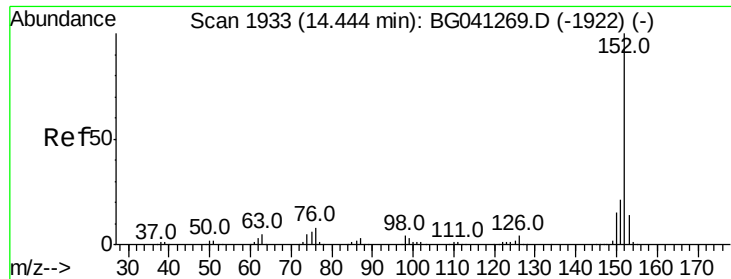
mohammad  
 6/21/2019 9:57:48 PM



#48  
 2-Nitroaniline  
 Concen: 39.814 ng  
 RT: 13.81 min Scan# 1825  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 101664 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 62.5  | 47.4  | 71.2   |
| 138       | 89.0  | 64.7  | 97.1   |





#49

Acenaphthylene

Concen: 41.500 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

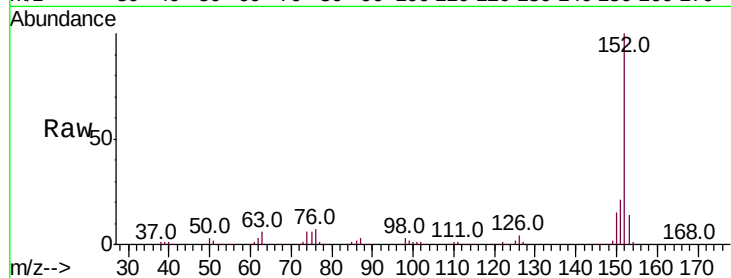
ClientSampleId :

SU-03-061719-AMS

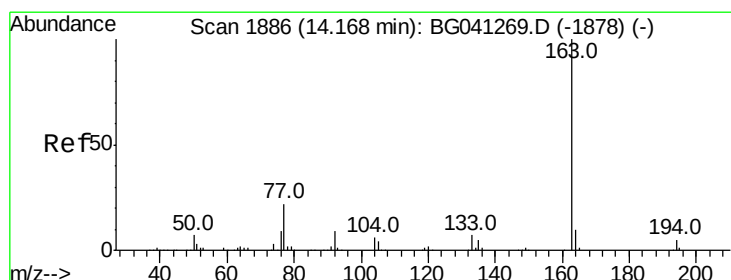
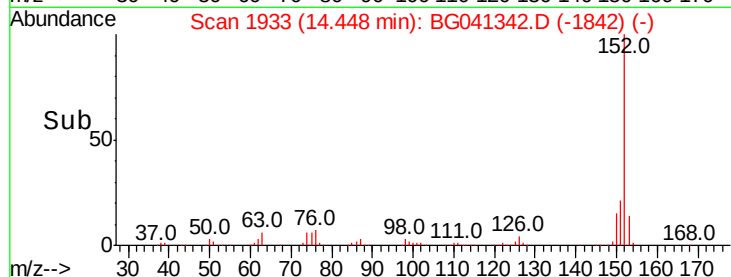
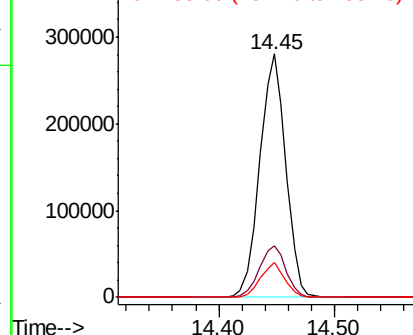
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 439071 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.0  | 16.8  | 25.2   |
| 153       | 14.1  | 10.8  | 16.2   |

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



#50

Dimethylphthalate

Concen: 37.957 ng

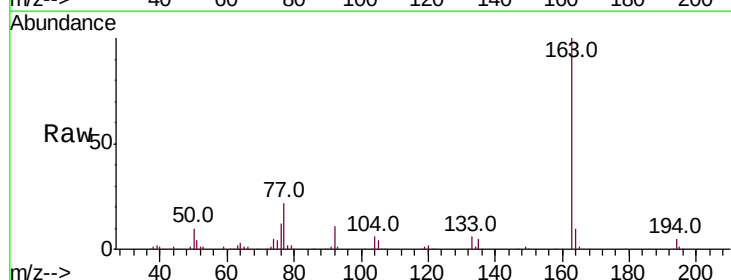
RT: 14.17 min Scan# 1886

Delta R.T. 0.00 min

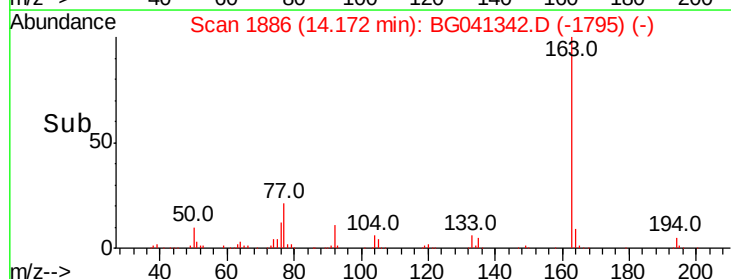
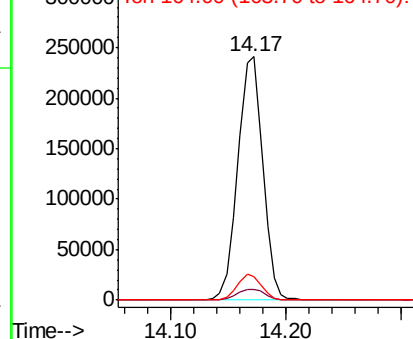
Lab File: BG041342.D

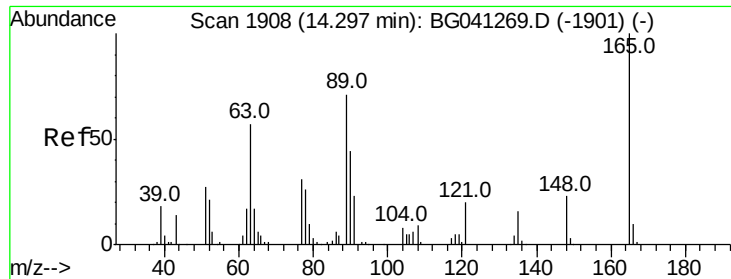
Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 361775 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.9   | 5.9    |
| 164       | 9.6   | 8.3   | 12.5   |



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





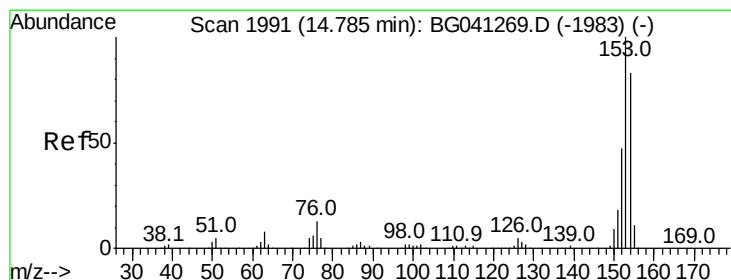
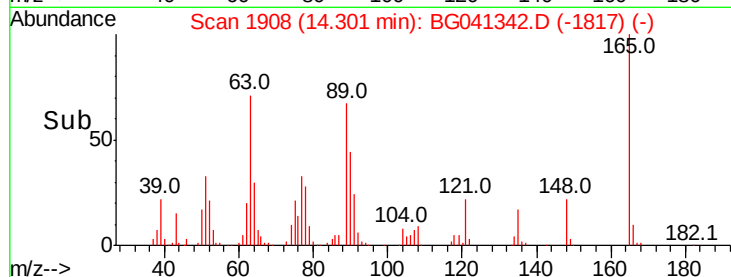
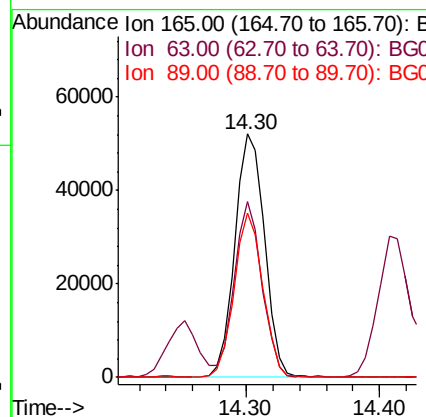
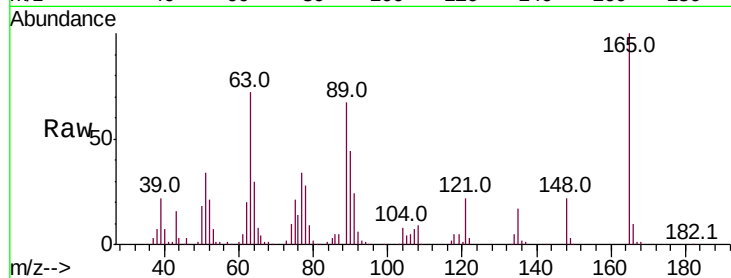
#51  
2,6-Dinitrotoluene  
Concen: 40.186 ng  
RT: 14.30 min Scan# 1908  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 72.0  | 55.4  | 83.0  |
| 89      | 67.4  | 56.5  | 84.7  |

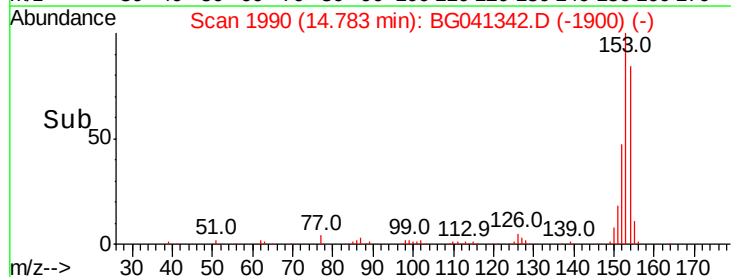
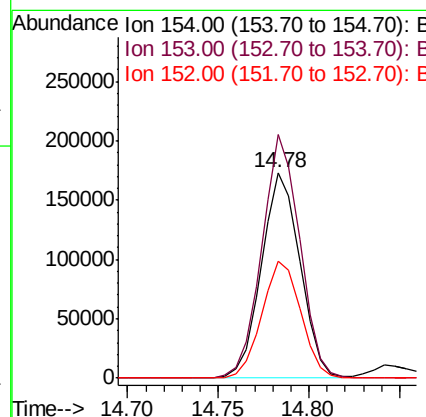
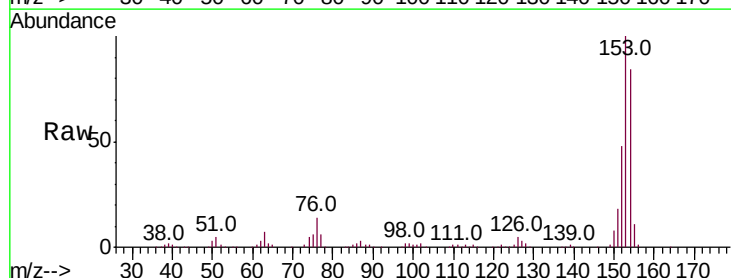
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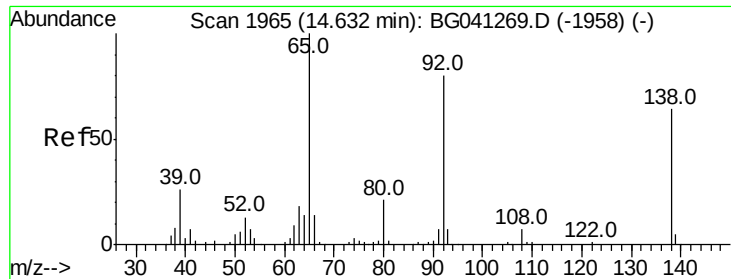
mohammad  
6/21/2019 9:57:48 PM



#52  
Acenaphthene  
Concen: 41.243 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. -0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 118.6 | 96.6  | 145.0 |
| 152     | 56.9  | 45.5  | 68.3  |





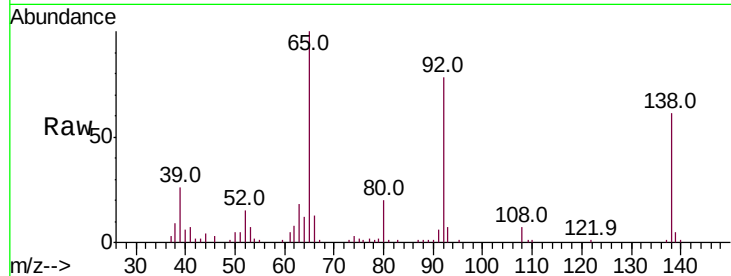
#53  
3-Nitroaniline  
Concen: 18.549 ng  
RT: 14.64 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

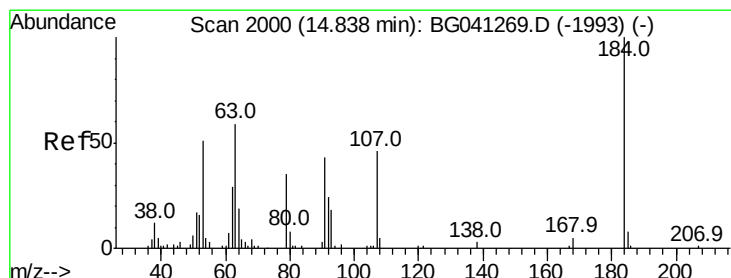
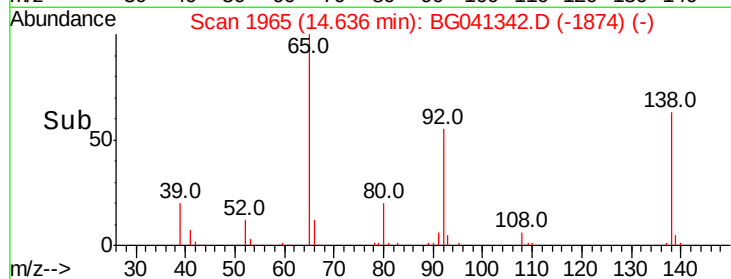
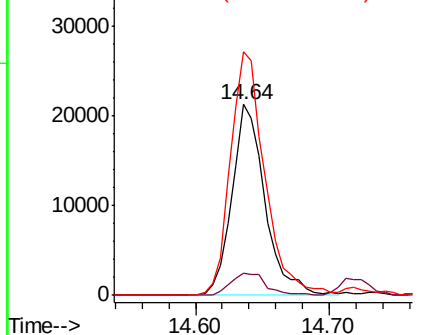
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.0  | 8.3   | 12.5  |
| 92      | 127.6 | 100.2 | 150.4 |

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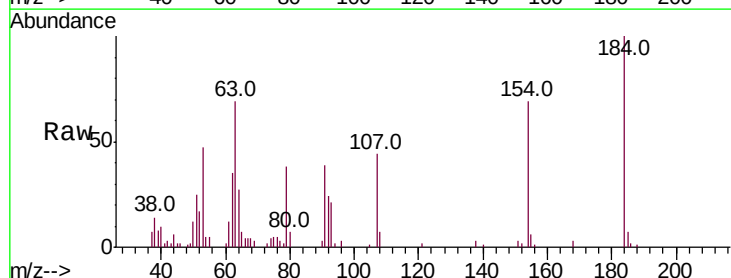


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

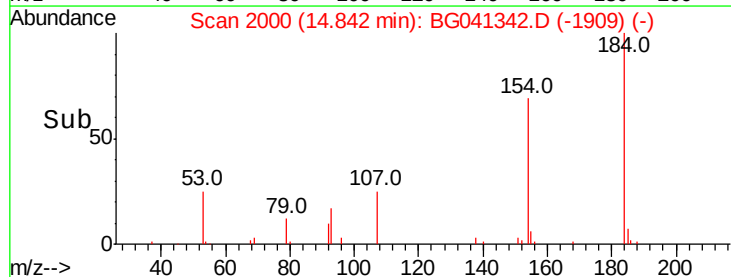
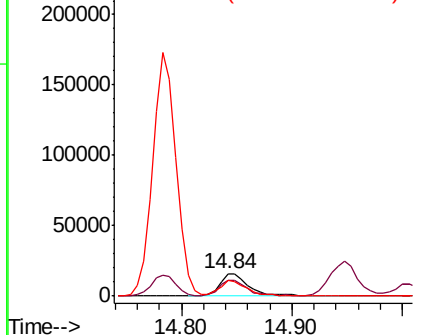


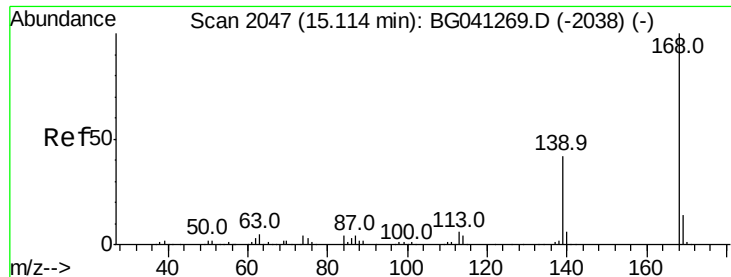
#54  
2,4-Dinitrophenol  
Concen: 23.854 ng  
RT: 14.84 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 68.8  | 60.0  | 90.0  |
| 154     | 69.0  | 58.3  | 87.5  |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 154.00 (153.70 to 154.70): E





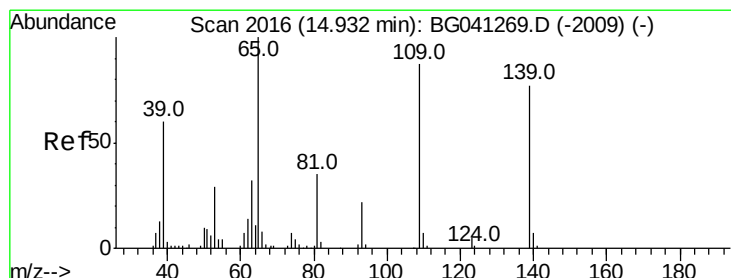
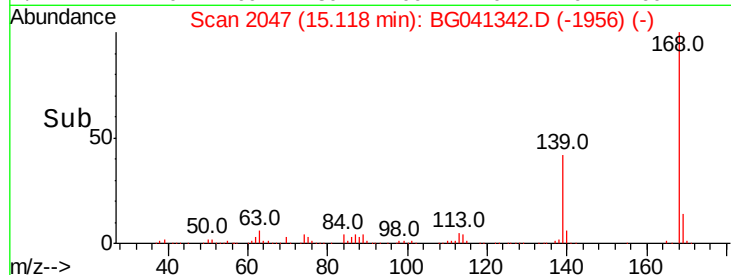
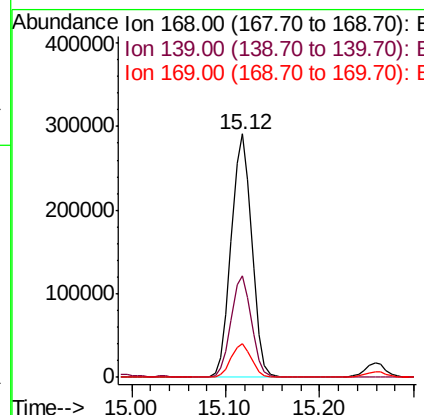
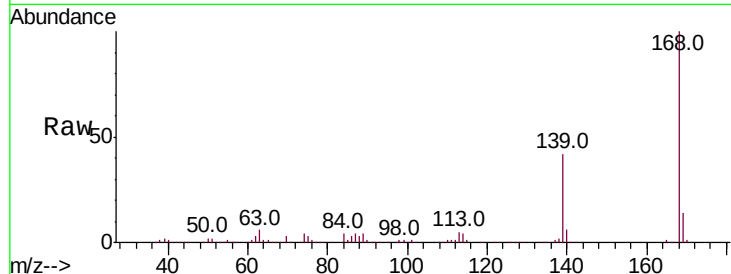
#55  
Dibenzenofuran  
Concen: 41.066 ng  
RT: 15.12 min Scan# 2047  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 443587 |       |       |
| 139     | 41.7  |        | 33.6  | 50.4  |
| 169     | 13.7  |        | 10.8  | 16.2  |

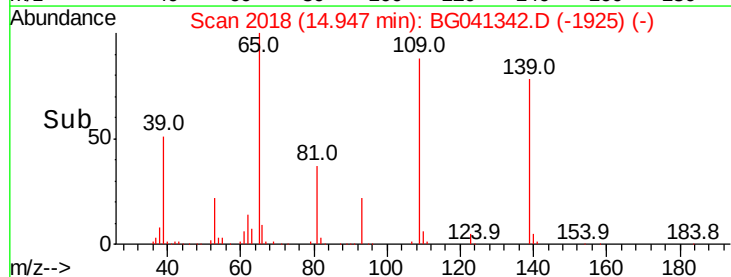
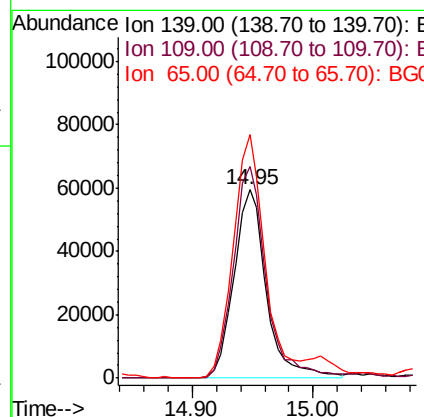
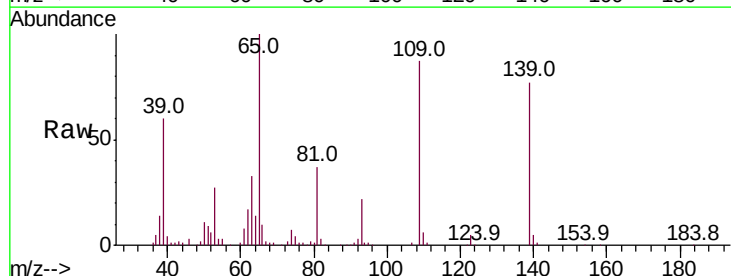
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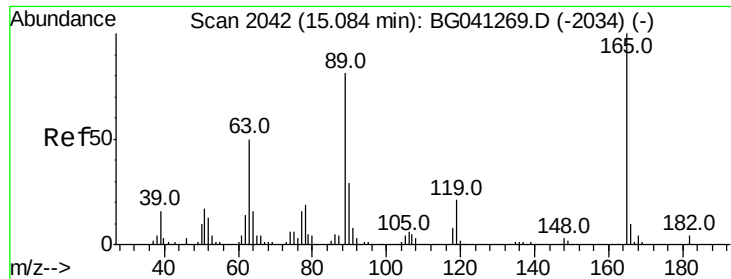


#56  
4-Nitrophenol  
Concen: 74.355 ng  
RT: 14.95 min Scan# 2018  
Delta R.T. 0.02 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 111490 |       |       |
| 109     | 112.4 |        | 93.2  | 133.2 |
| 65      | 129.3 |        | 110.2 | 150.2 |







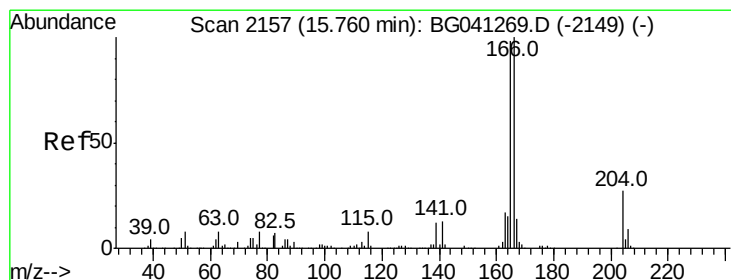
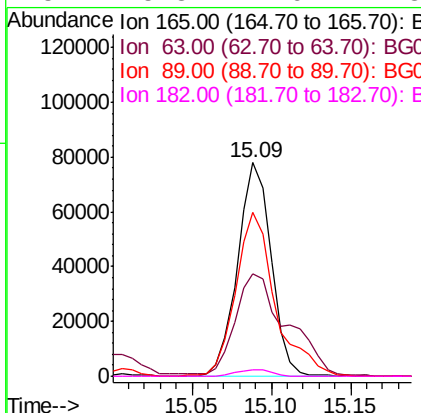
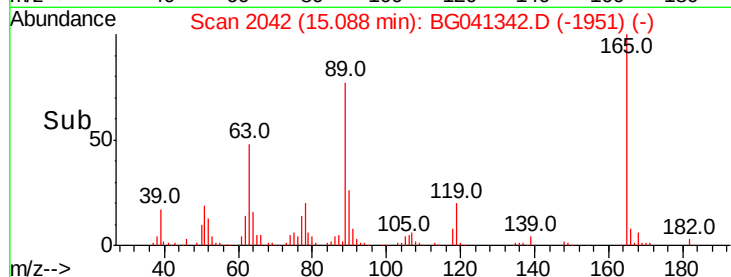
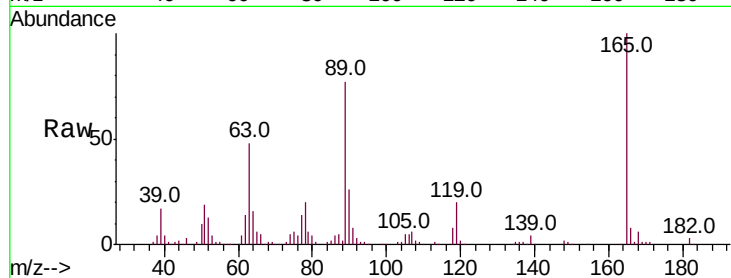
#57  
 2,4-Dinitrotoluene  
 Concen: 38.943 ng  
 RT: 15.09 min Scan# 2042  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 114407 |       |       |
| 63      | 47.9  | 40.0   | 60.0  |       |
| 89      | 76.6  | 64.6   | 96.8  |       |
| 182     | 3.3   | 2.9    | 4.3   |       |

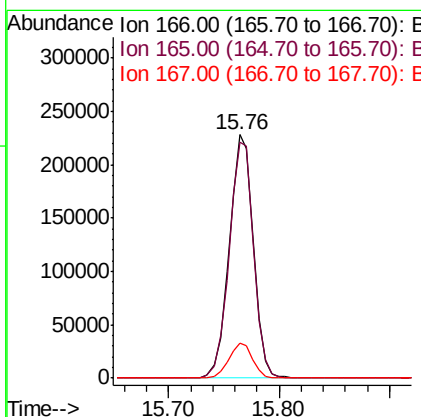
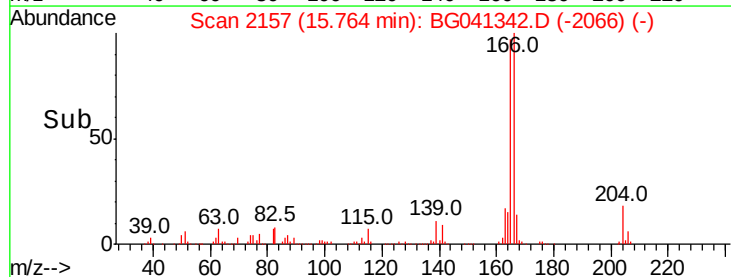
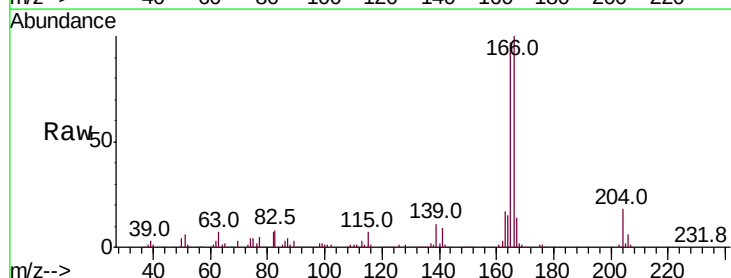
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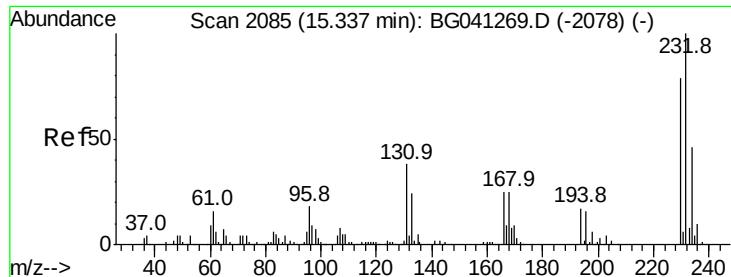
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#58  
 Fluorene  
 Concen: 40.734 ng  
 RT: 15.76 min Scan# 2157  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 346132 |       |       |
| 165     | 97.1  | 78.8   | 118.2 |       |
| 167     | 14.3  | 11.3   | 16.9  |       |





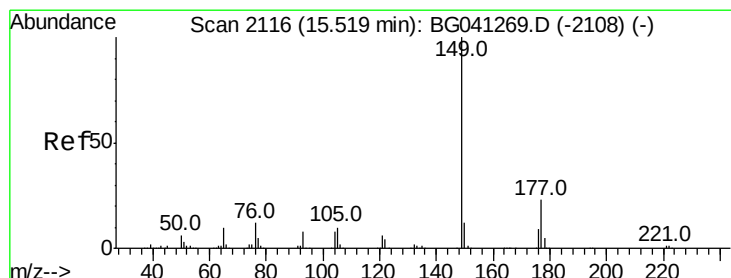
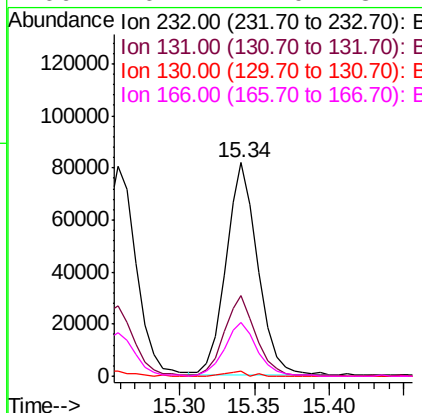
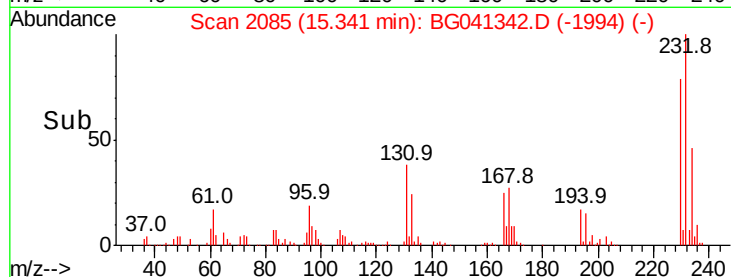
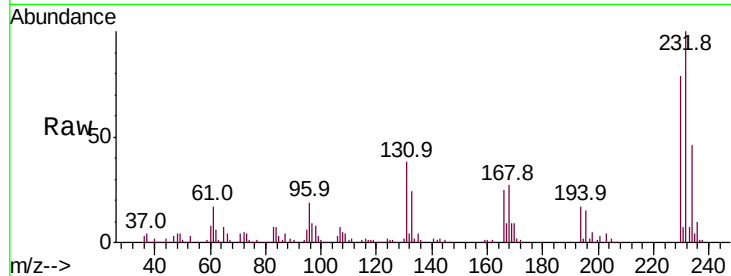
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.695 ng  
 RT: 15.34 min Scan# 2085  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 121398 |       |       |
| 131     | 37.5  | 29.0   | 43.6  |       |
| 130     | 1.8   | 1.6    | 2.4   |       |
| 166     | 26.2  | 21.0   | 31.4  |       |

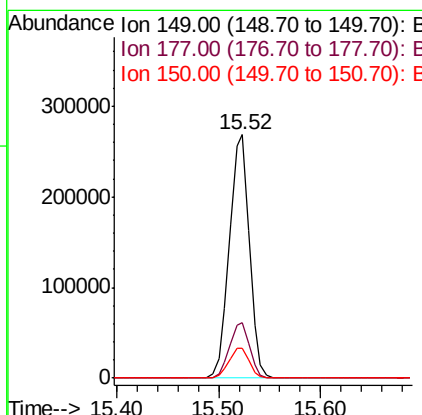
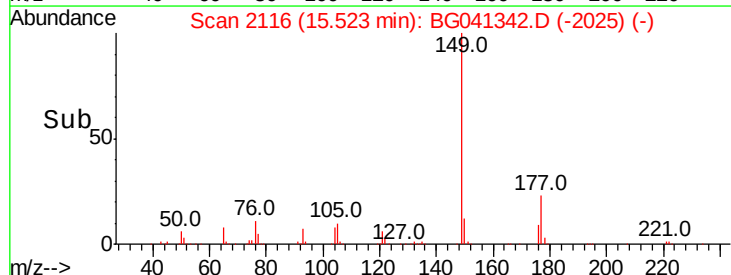
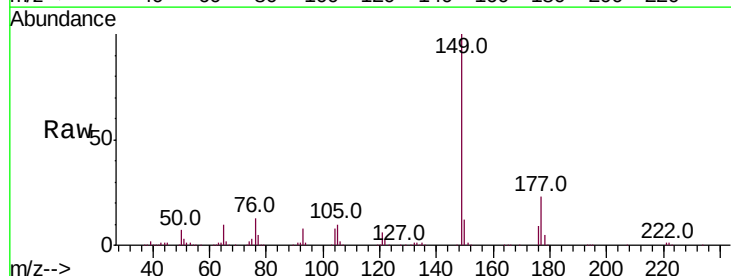
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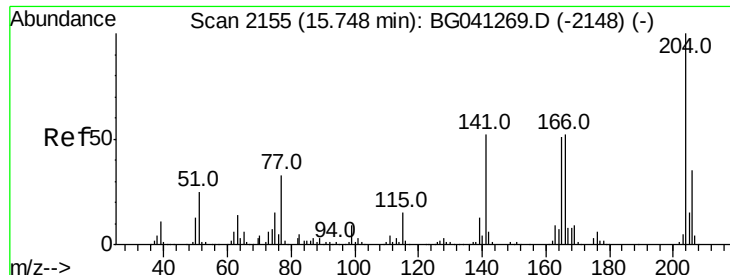
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#60  
 Diethylphthalate  
 Concen: 37.903 ng  
 RT: 15.52 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 367197 |       |       |
| 177     | 22.9  | 18.4   | 27.6  |       |
| 150     | 12.3  | 9.9    | 14.9  |       |





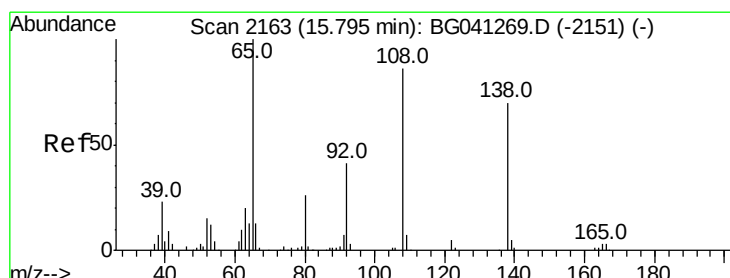
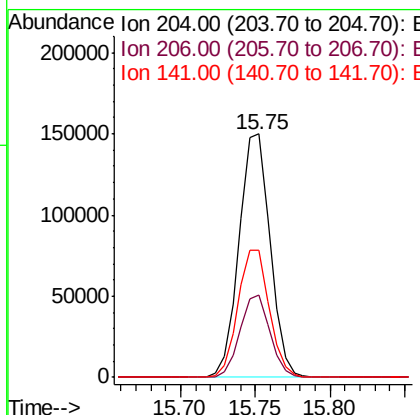
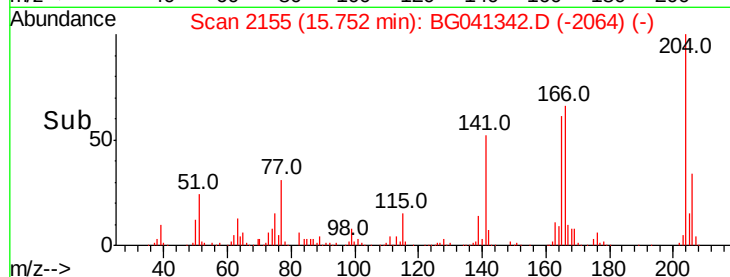
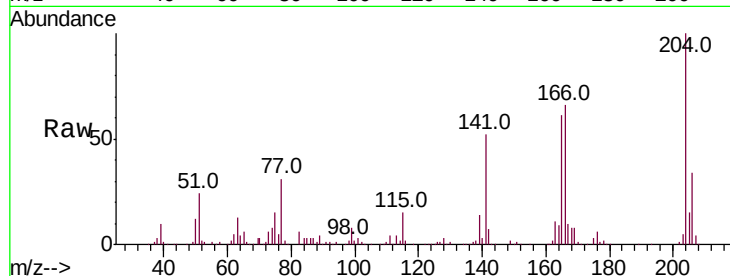
#61  
4-Chlorophenyl-phenylether  
Concen: 39.187 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 204     | 100   |            |       |
| 206     | 33.9  | 27.9       | 41.9  |
| 141     | 52.2  | 41.4       | 62.0  |

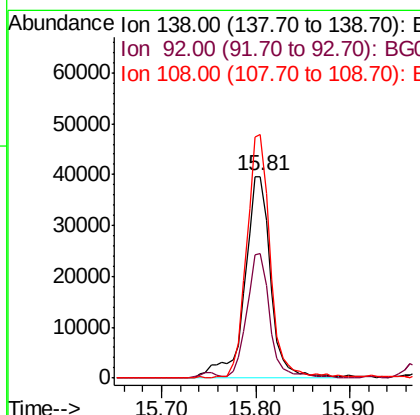
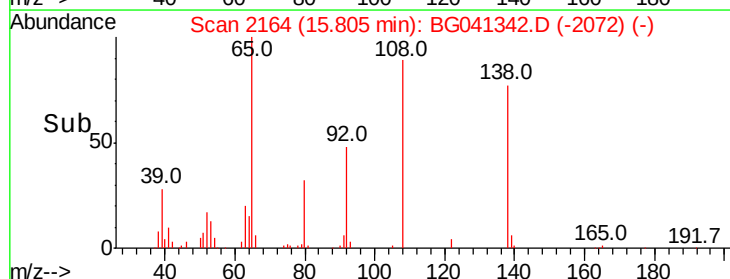
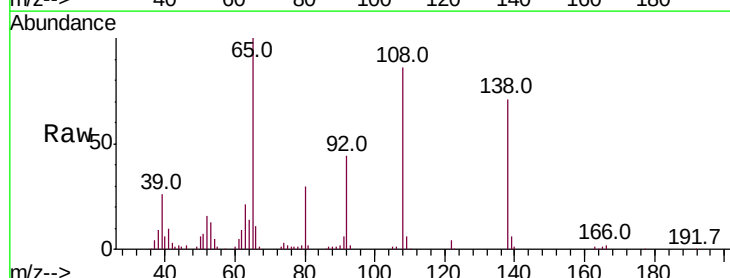
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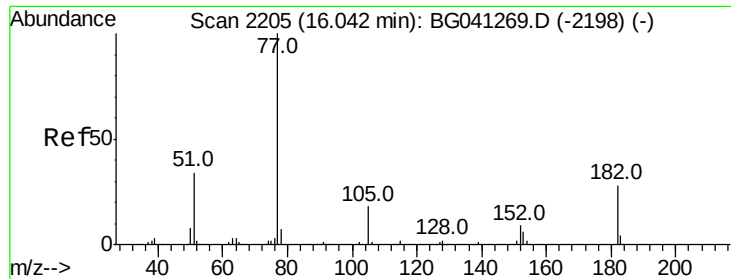
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#62  
4-Nitroaniline  
Concen: 35.731 ng  
RT: 15.81 min Scan# 2164  
Delta R.T. 0.01 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 138     | 100   |            |       |
| 92      | 62.0  | 38.8       | 78.8  |
| 108     | 120.8 | 103.4      | 143.4 |





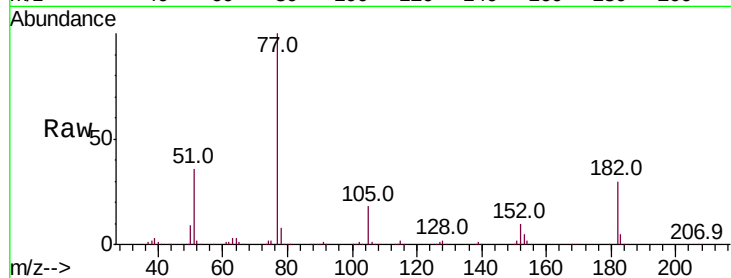
#63  
Azobenzene  
Concen: 39.576 ng  
RT: 16.05 min Scan# 2205  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

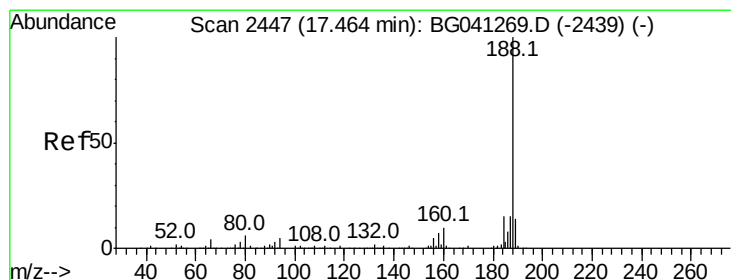
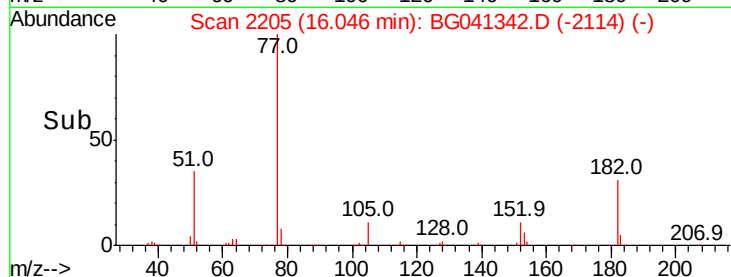
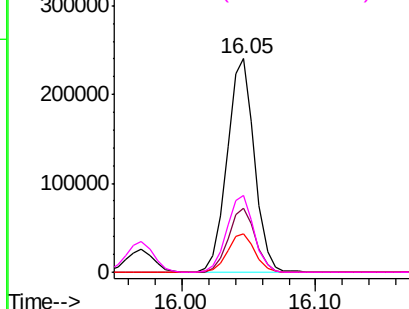
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.9  | 7.5   | 47.5  |
| 105     | 17.9  | 0.0   | 37.7  |
| 51      | 36.2  | 14.6  | 54.6  |

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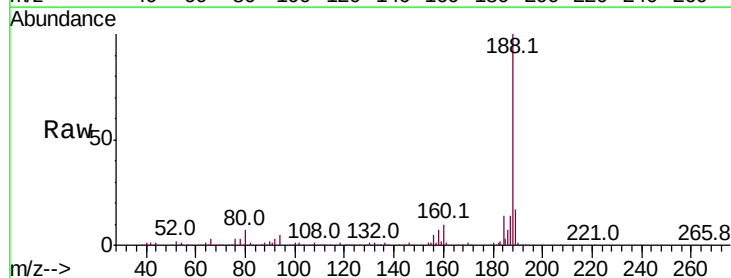


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

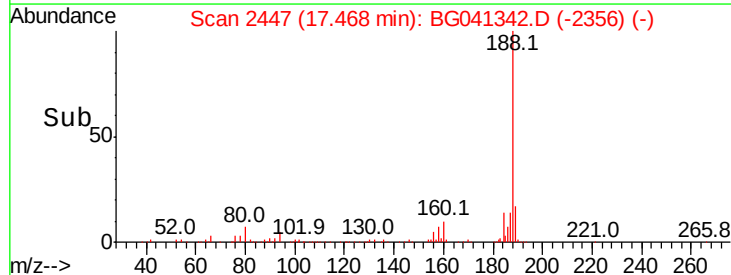
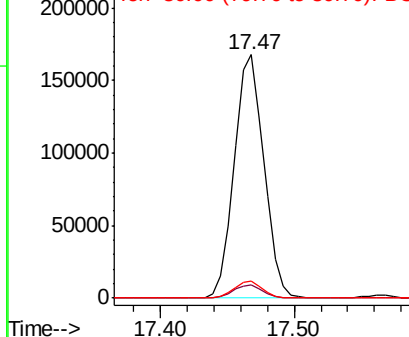


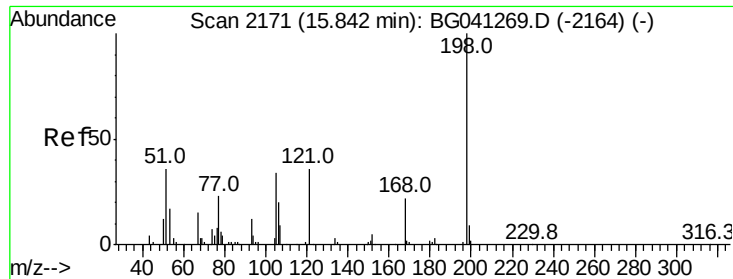
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.47 min Scan# 2447  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.5   | 3.6   | 5.4#  |
| 80      | 6.9   | 4.8   | 7.2   |



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: 15.390 ng

RT: 15.85 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

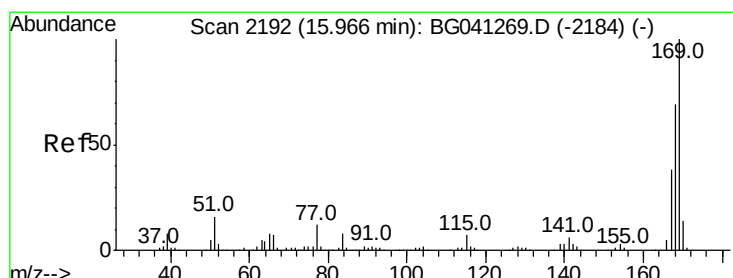
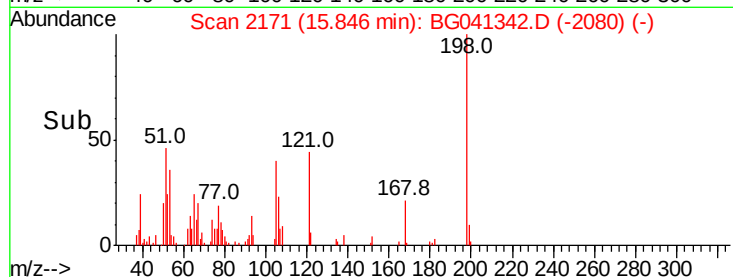
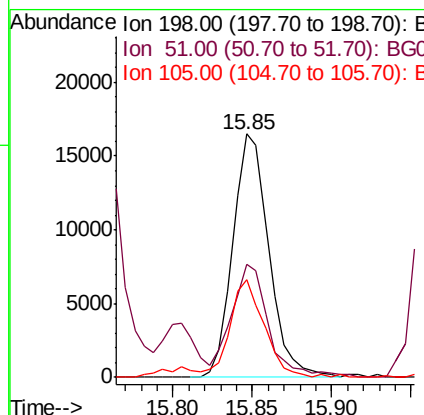
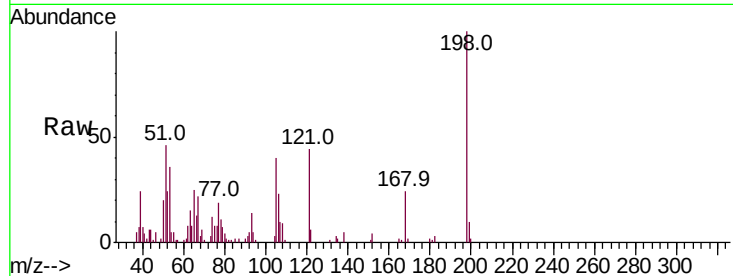
ClientSampleId :

SU-03-061719-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 25893 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 46.3  | 23.4  | 63.4  |
| 105       | 39.9  | 15.8  | 55.8  |

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#66

n-Nitrosodiphenylamine

Concen: 45.229 ng

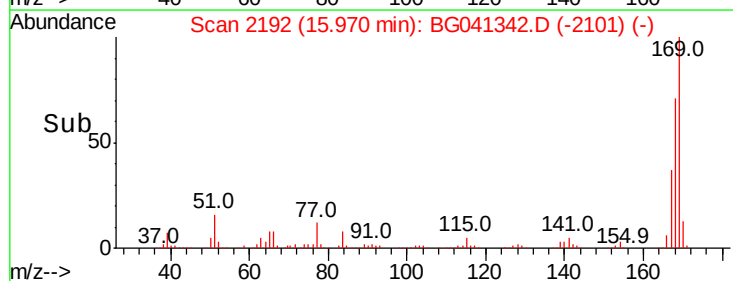
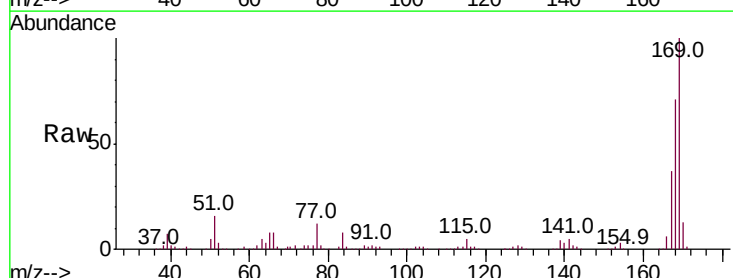
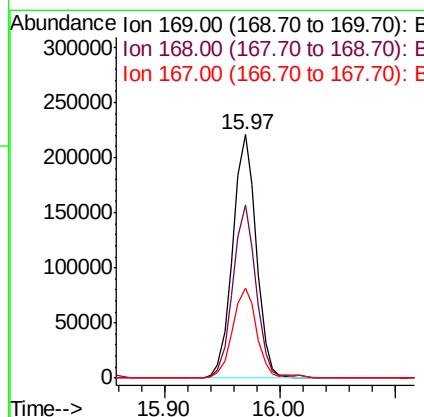
RT: 15.97 min Scan# 2192

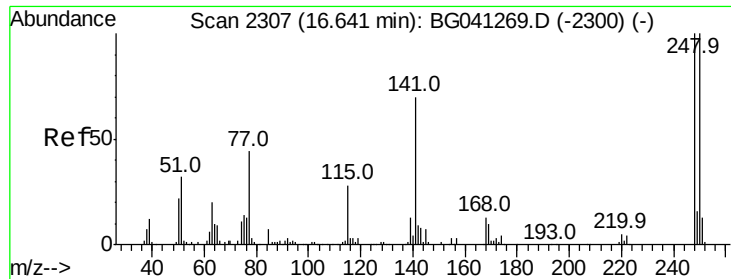
Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 311288 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 71.0  | 55.2  | 82.8   |
| 167       | 37.2  | 30.4  | 45.6   |





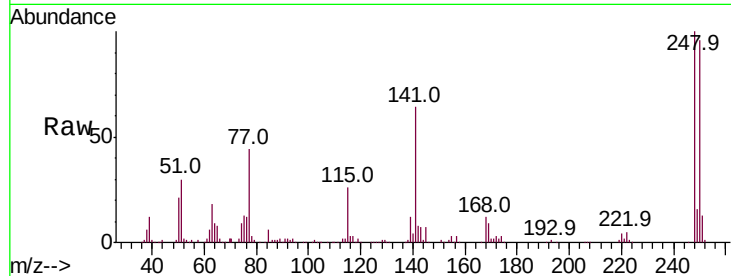
#67  
4-Bromophenyl-phenylether  
Concen: 42.213 ng  
RT: 16.65 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.3  | 79.8  | 119.8 |
| 141     | 64.4  | 55.8  | 83.6  |

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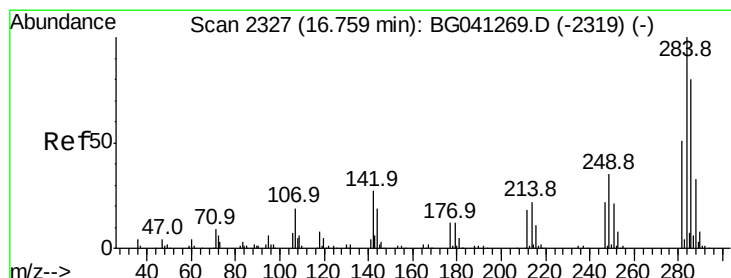
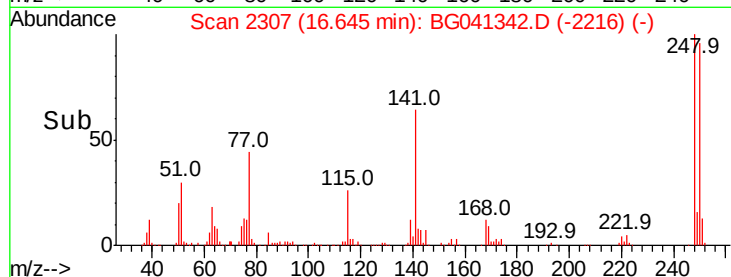
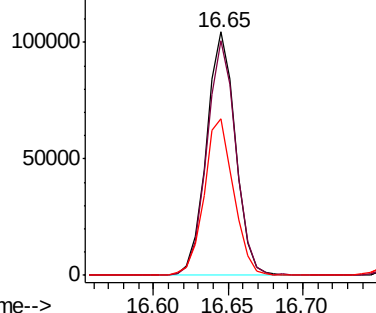


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 40.635 ng  
RT: 16.76 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

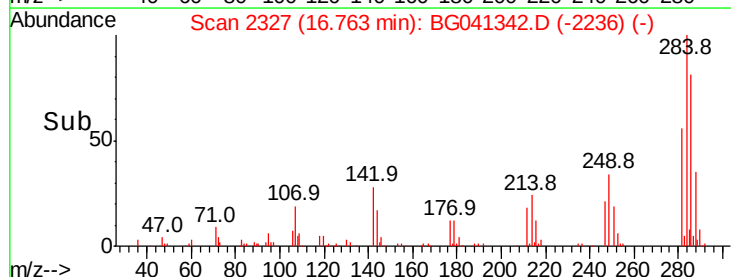
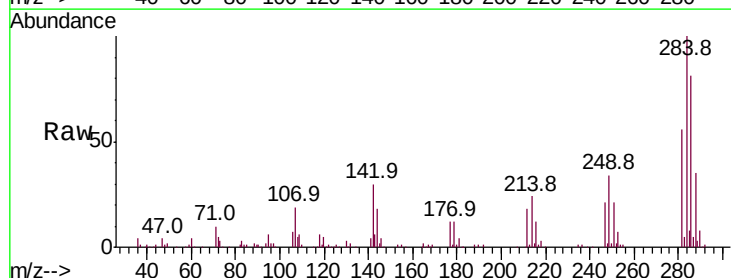
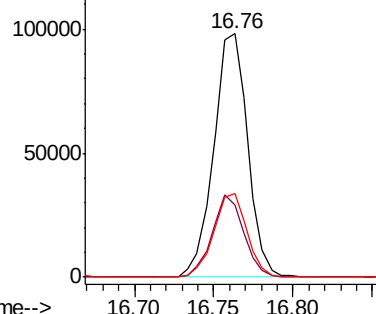
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.8  | 21.8  | 32.8  |
| 249     | 34.4  | 27.8  | 41.6  |

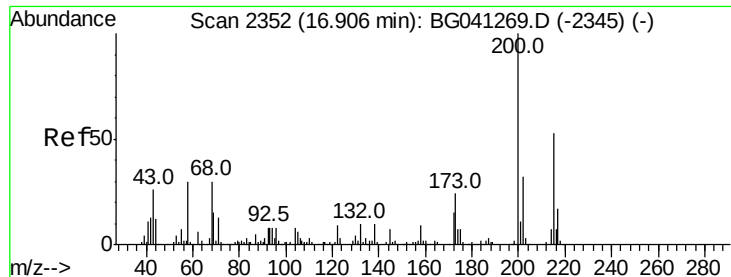
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





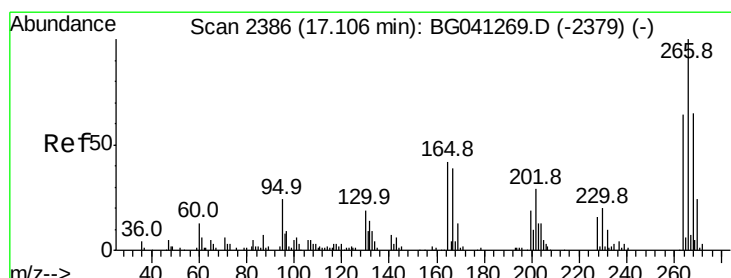
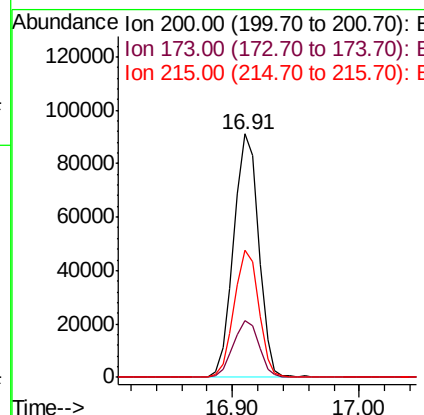
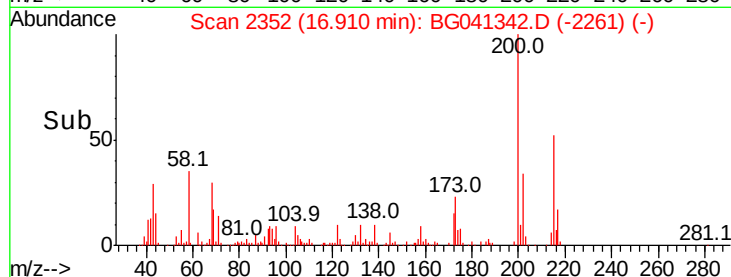
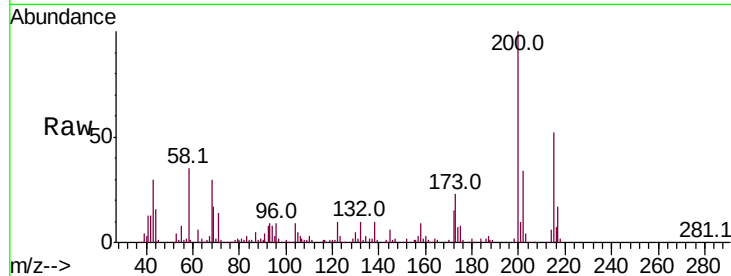
#69  
Atrazine  
Concen: 60.411 ng  
RT: 16.91 min Scan# 2352  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.4  | 4.0        | 44.0  |
| 215     | 52.2  | 33.4       | 73.4  |

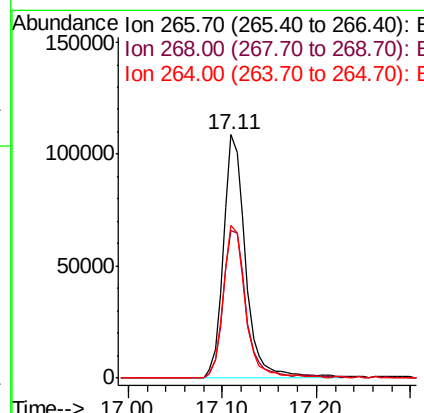
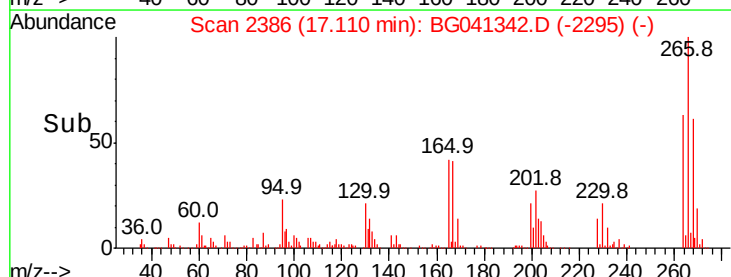
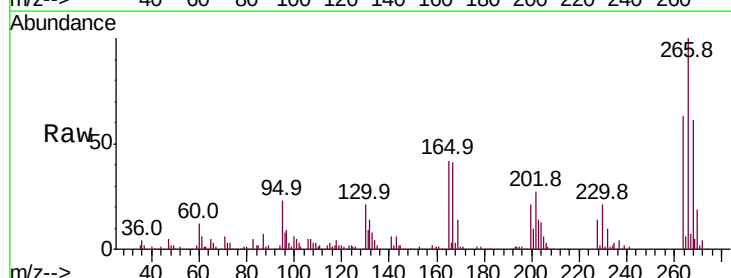
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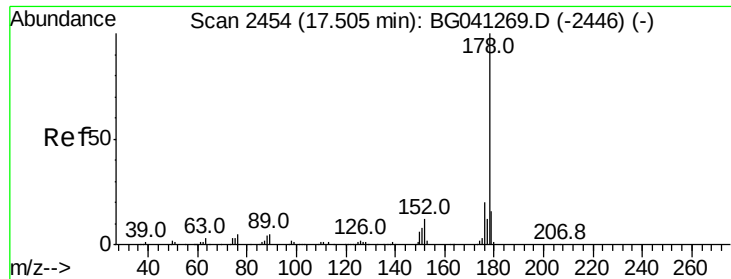
mohammad  
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#70  
Pentachlorophenol  
Concen: 97.964 ng  
RT: 17.11 min Scan# 2386  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 60.6  | 52.0       | 78.0  |
| 264     | 62.9  | 51.2       | 76.8  |





#71

Phenanthrene

Concen: 42.292 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

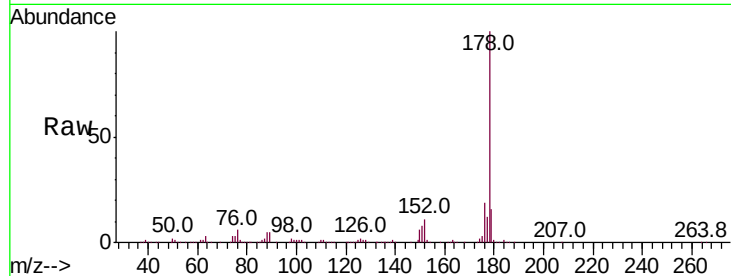
ClientSampleId :

SU-03-061719-AMS

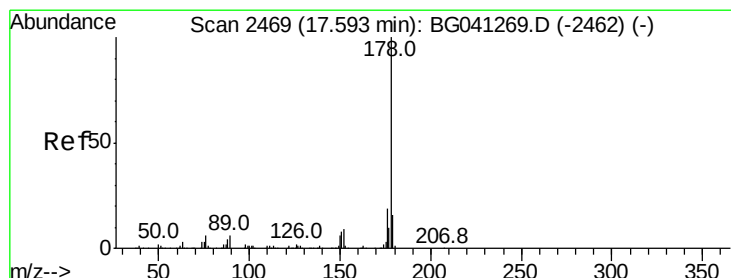
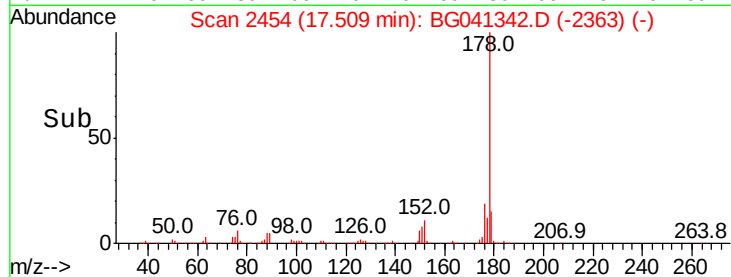
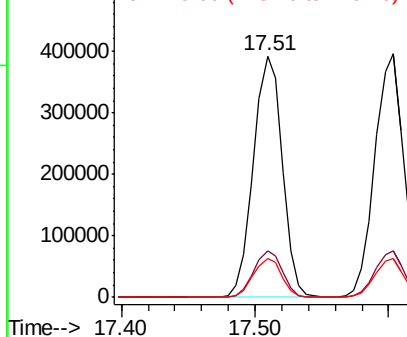
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 584663    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.5  | 16.1 24.1 |
| 179         | 16.1  | 12.9 19.3 |

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Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.716 ng

RT: 17.60 min Scan# 2470

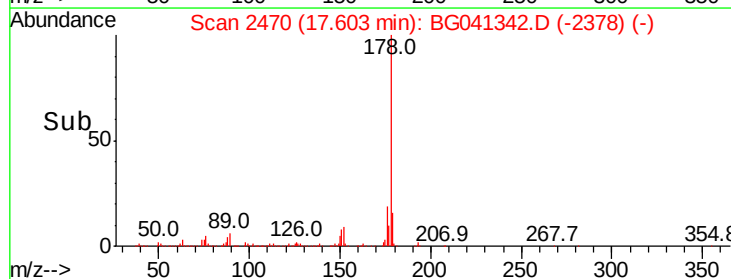
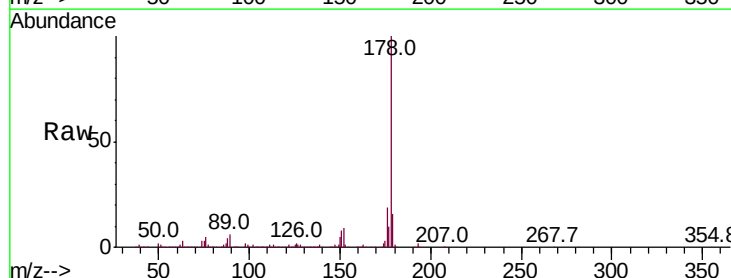
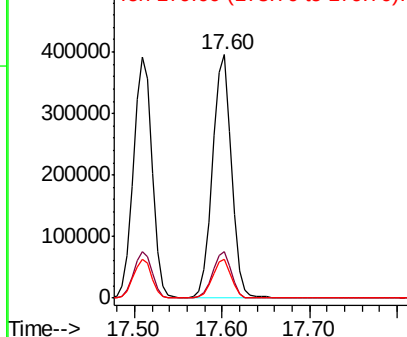
Delta R.T. 0.01 min

Lab File: BG041342.D

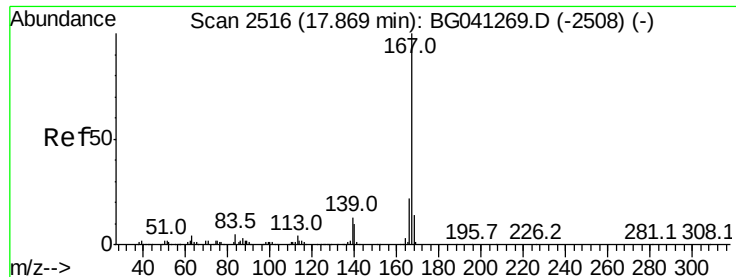
Acq: 20 Jun 2019 1:49

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 595798    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.9  | 15.4 23.2 |
| 179         | 16.0  | 13.0 19.4 |

Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E







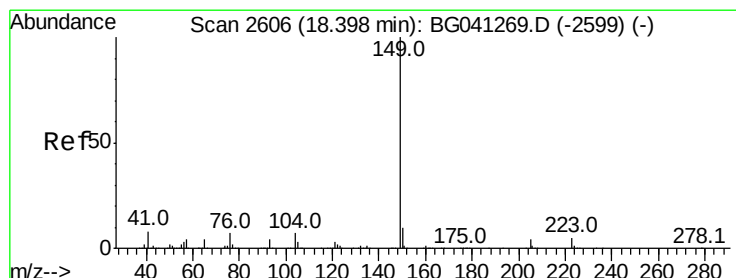
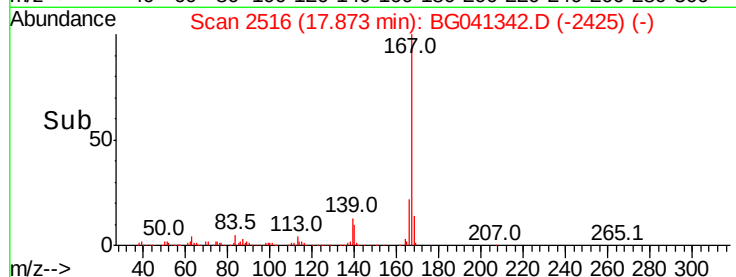
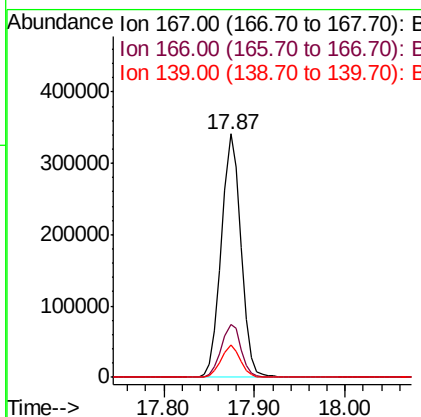
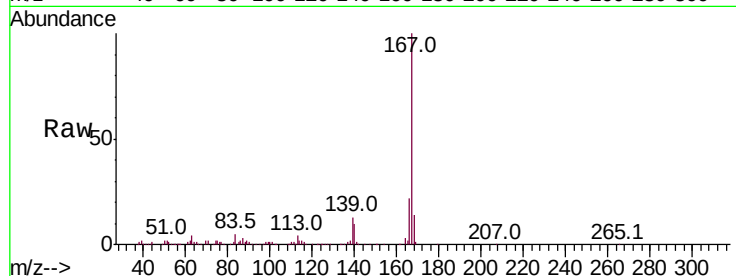
#73  
 Carbazole  
 Concen: 43.010 ng  
 RT: 17.87 min Scan# 2516  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.9  | 26.9  |
| 139     | 13.3  | 10.7  | 16.1  |

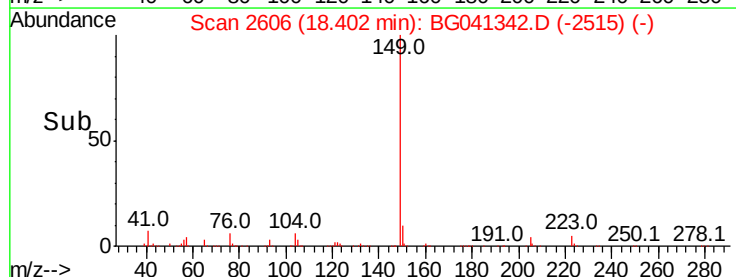
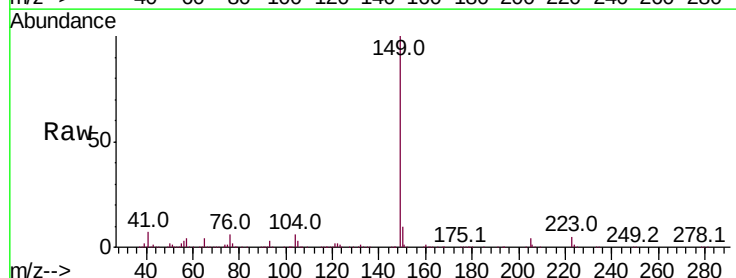
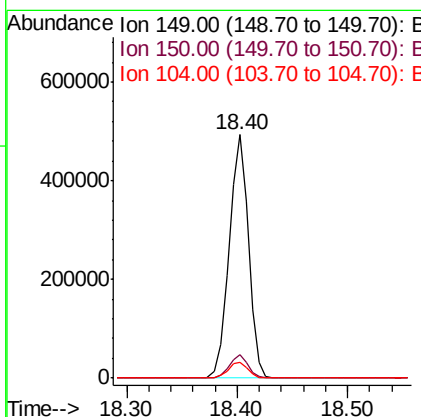
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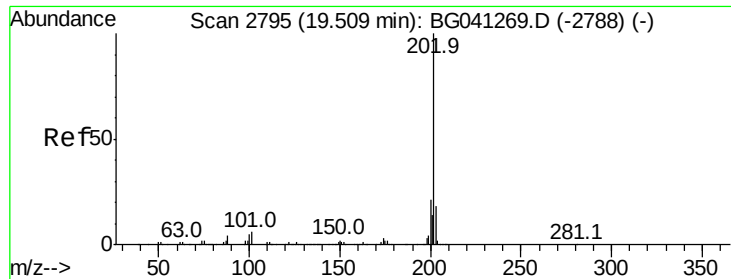
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#74  
 Di-n-butylphthalate  
 Concen: 40.746 ng  
 RT: 18.40 min Scan# 2606  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 8.1   | 12.1  |
| 104     | 6.2   | 5.4   | 8.0   |





#75

Fluoranthene

Concen: 40.045 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

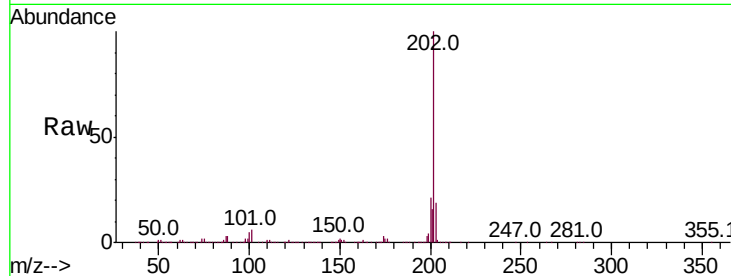
ClientSampleId :

SU-03-061719-AMS

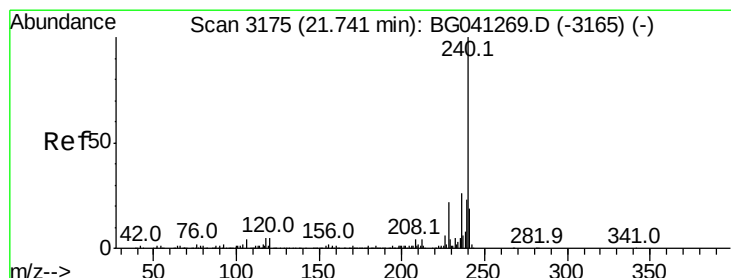
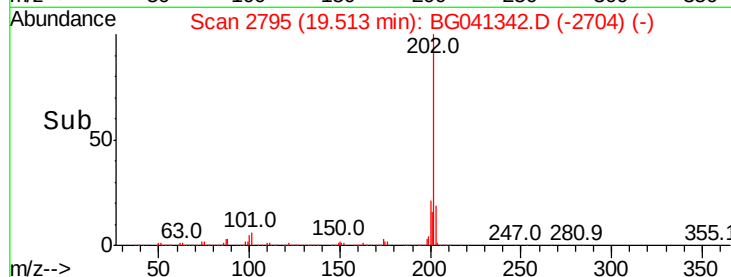
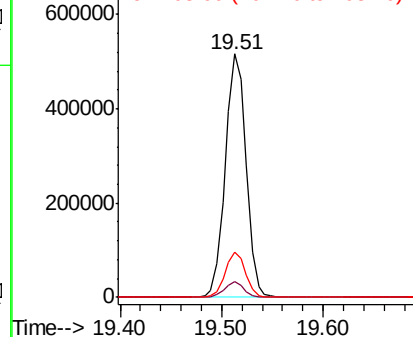
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 735453 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.4   | 0.0   | 26.0   |
| 203       | 18.7  | 0.0   | 37.7   |

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



#76

Chrysene-d12

Concen: 20.000 ng

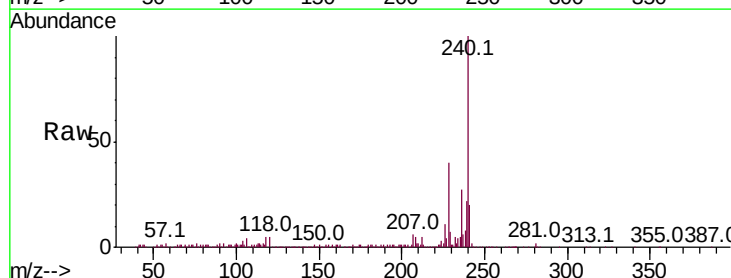
RT: 21.75 min Scan# 3175

Delta R.T. 0.00 min

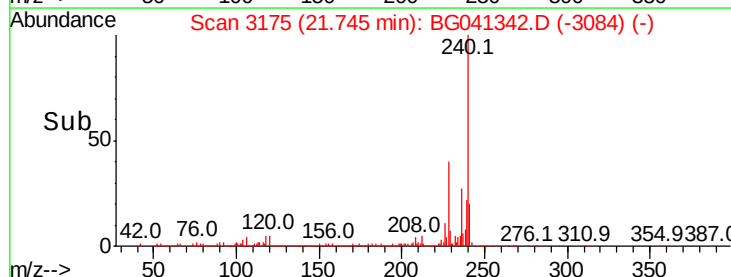
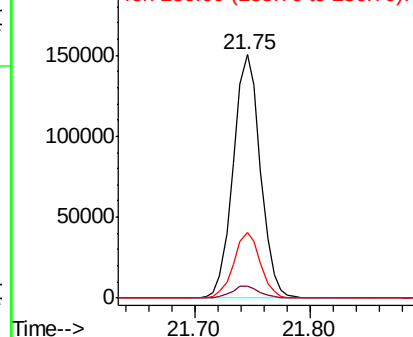
Lab File: BG041342.D

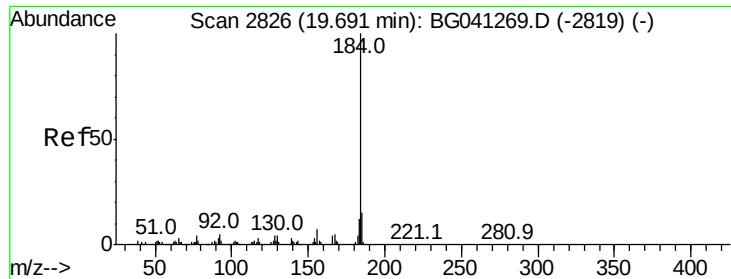
Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 244765 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 4.9   | 3.7   | 5.5    |
| 236       | 27.1  | 21.1  | 31.7   |



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





#77

Benzidine

Concen: 7.212 ng

RT: 19.70 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

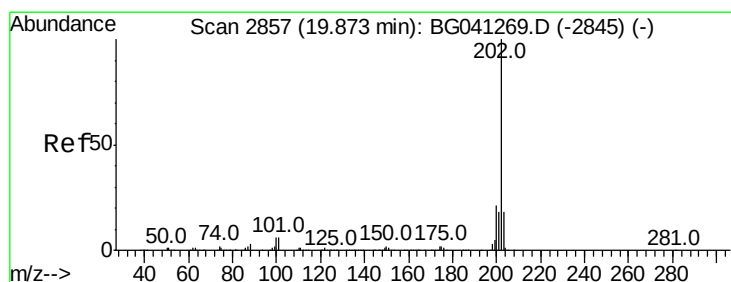
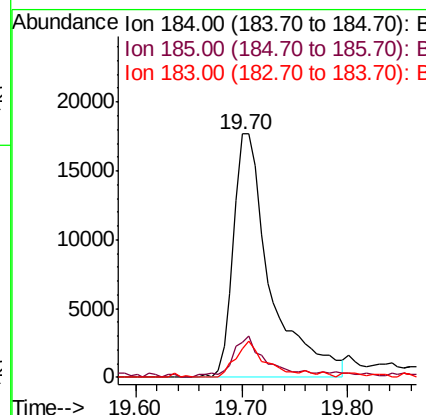
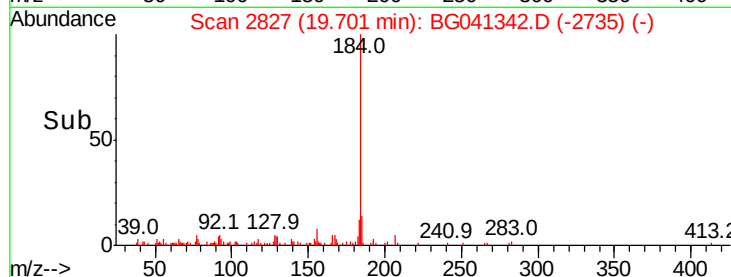
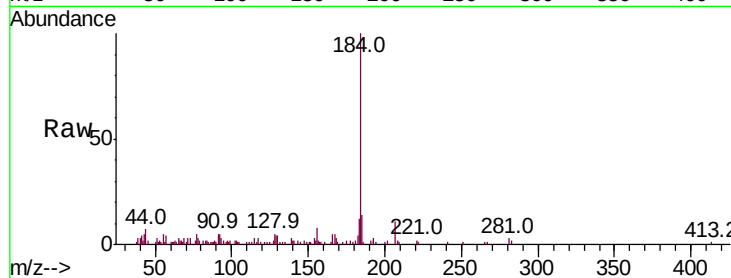
ClientSampleId :

SU-03-061719-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 42695 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 14.4  | 12.2  | 18.2  |
| 183       | 11.6  | 9.6   | 14.4  |

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#78

Pyrene

Concen: 44.776 ng

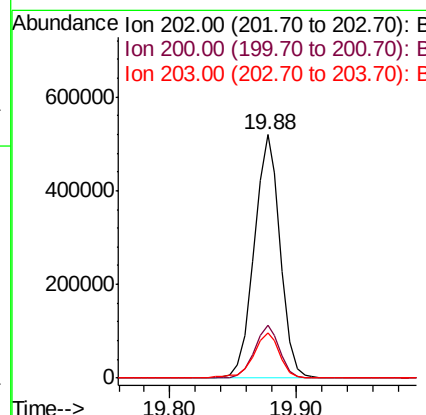
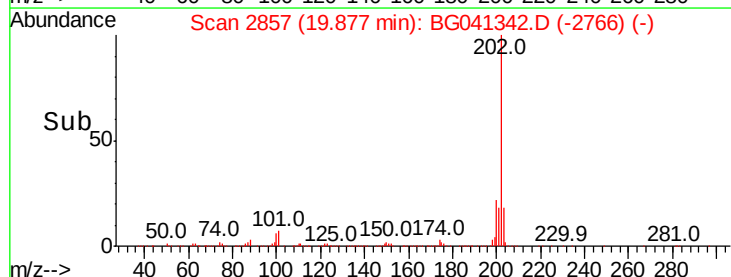
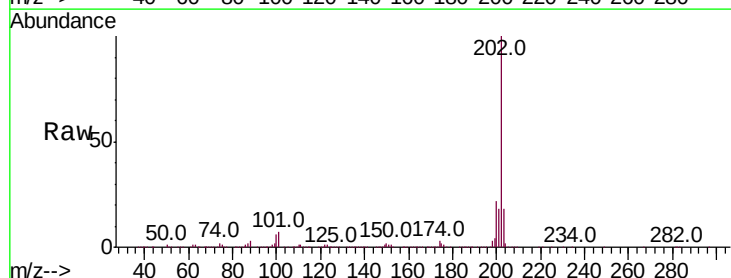
RT: 19.88 min Scan# 2857

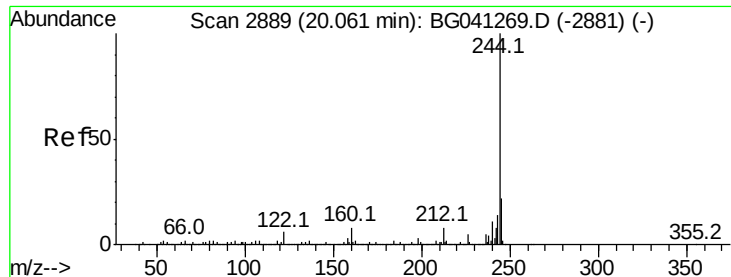
Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 739118 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.5  | 16.8  | 25.2   |
| 203       | 18.4  | 14.6  | 21.8   |





#79

Terphenyl-d14

Concen: 93.697 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

ClientSampleId :

SU-03-061719-AMS

Tot Ion:244 Resp: 1157223

Ion Ratio Lower Upper

244 100

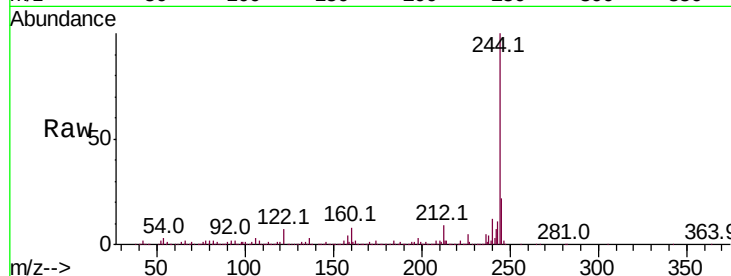
212 8.9 6.6 10.0

122 7.0 5.0 7.4

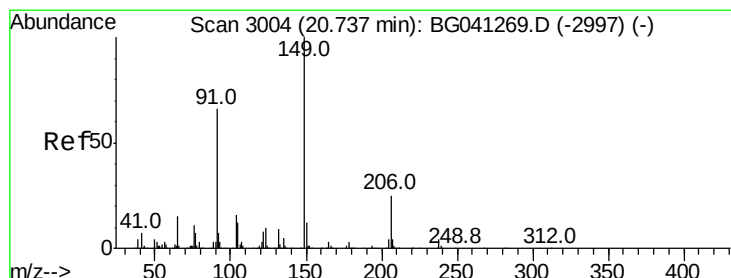
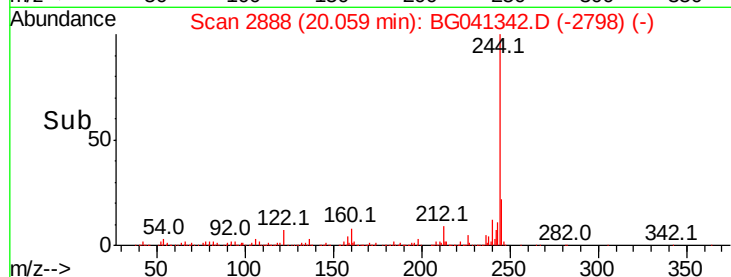
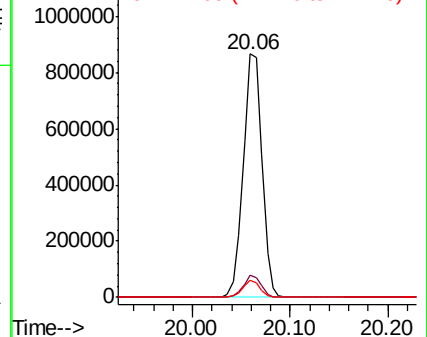
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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.667 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

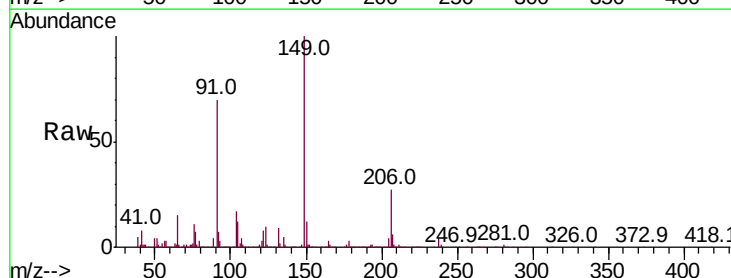
Tgt Ion:149 Resp: 266402

Ion Ratio Lower Upper

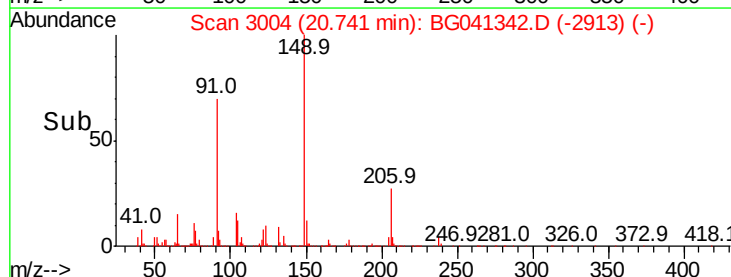
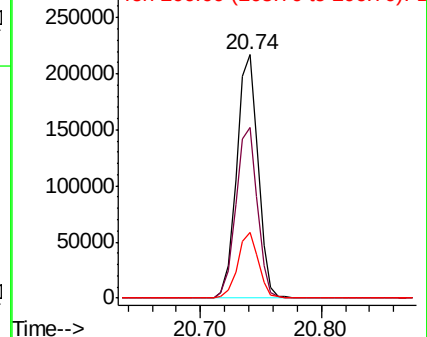
149 100

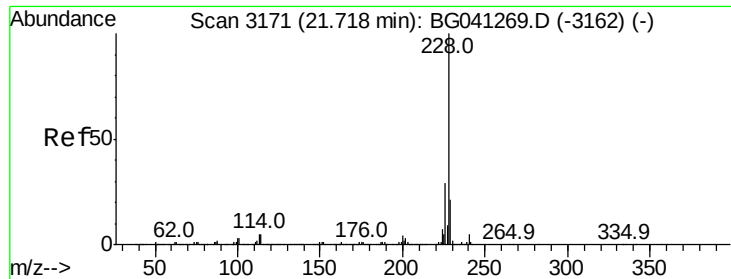
91 70.2 53.2 79.8

206 27.1 20.3 30.5



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





#81

Benzo(a)anthracene

Concen: 43.087 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

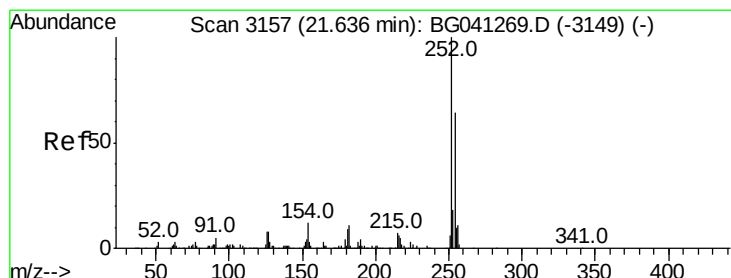
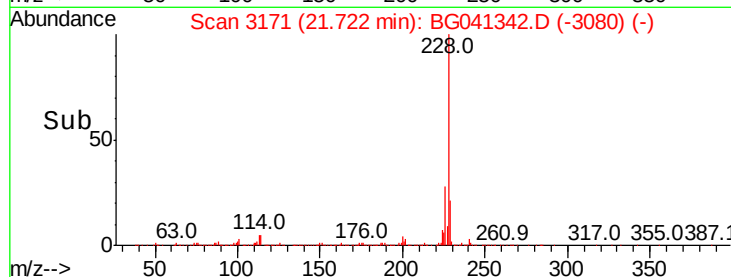
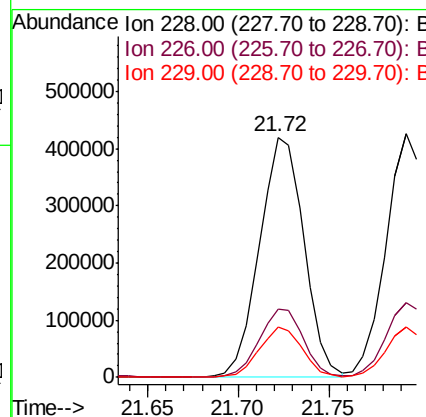
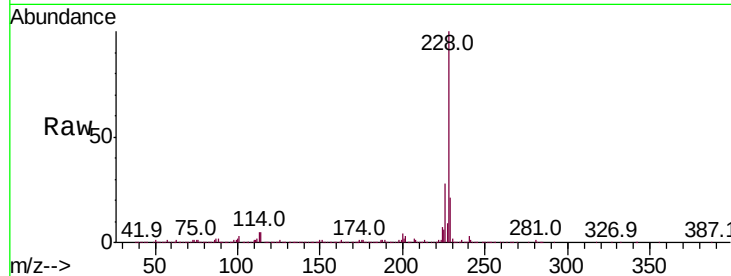
ClientSampleId :

SU-03-061719-AMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 228     | 100  |       |       |       |
| 226     | 28.3 | 23.2  | 34.8  |       |
| 229     | 20.9 | 16.8  | 25.2  |       |

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#82

3,3'-Dichlorobenzidine

Concen: 31.889 ng

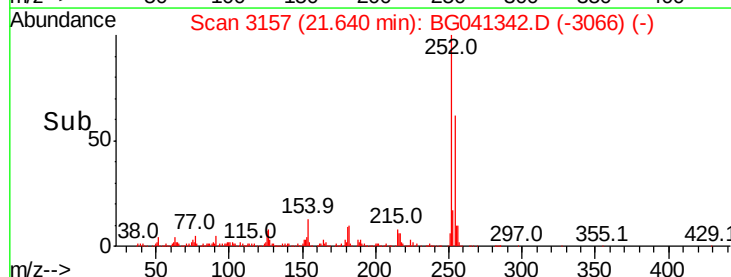
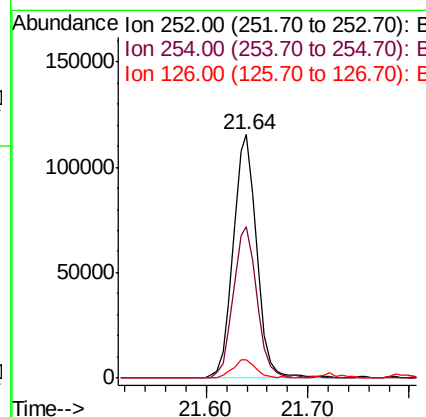
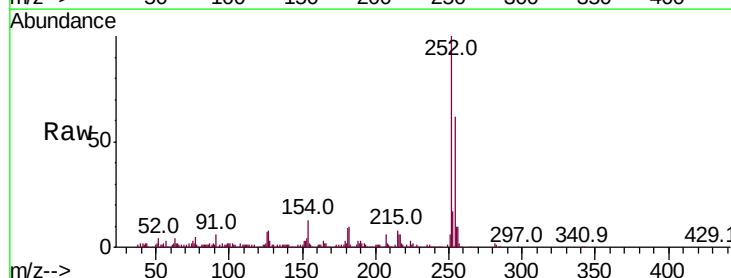
RT: 21.64 min Scan# 3157

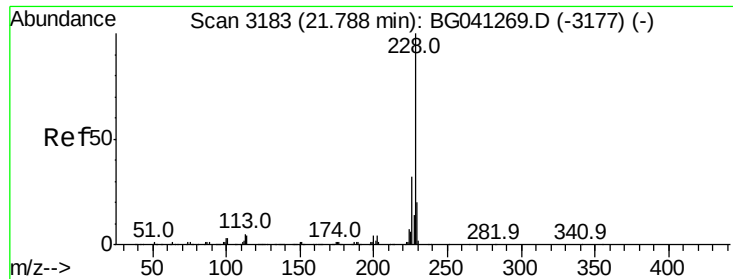
Delta R.T. 0.00 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 252     | 100  |       |       |       |
| 254     | 62.3 | 51.4  | 77.0  |       |
| 126     | 7.3  | 6.0   | 9.0   |       |





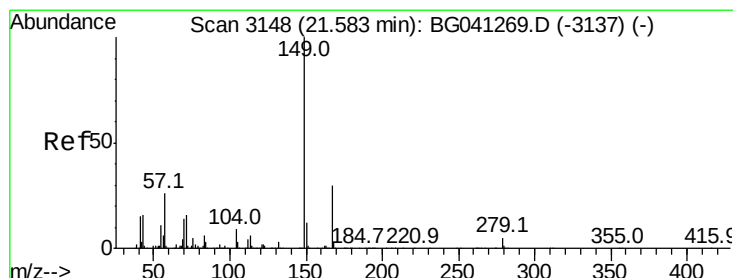
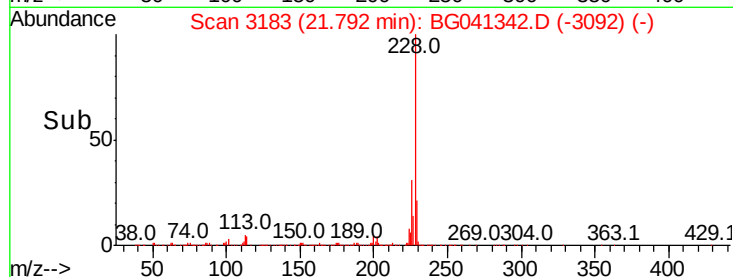
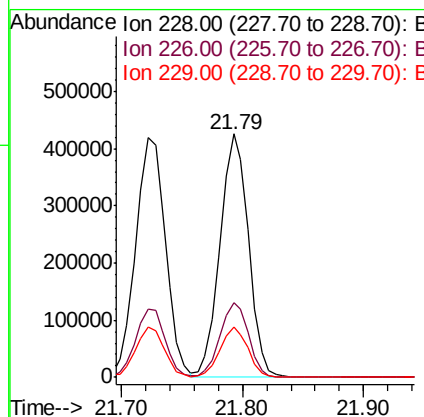
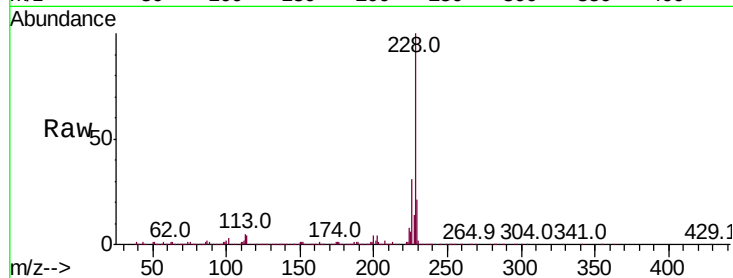
#83  
 Chrysene  
 Concen: 43.275 ng  
 RT: 21.79 min Scan# 3183  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.9  | 25.4  | 38.0  |
| 229     | 20.9  | 16.2  | 24.2  |

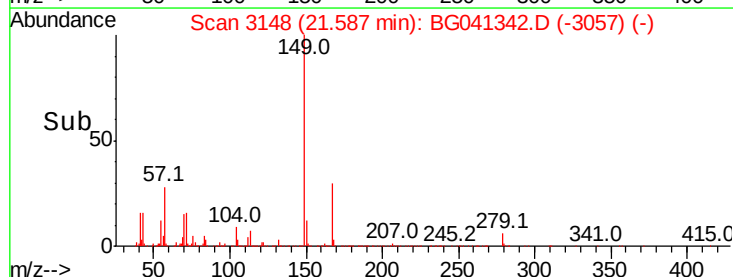
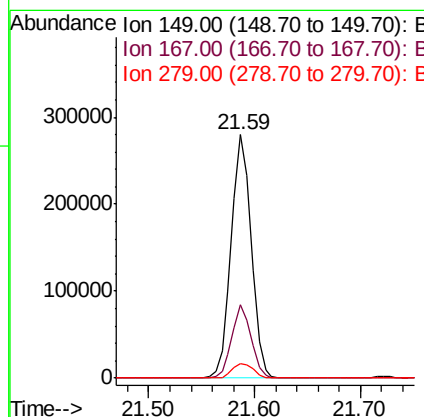
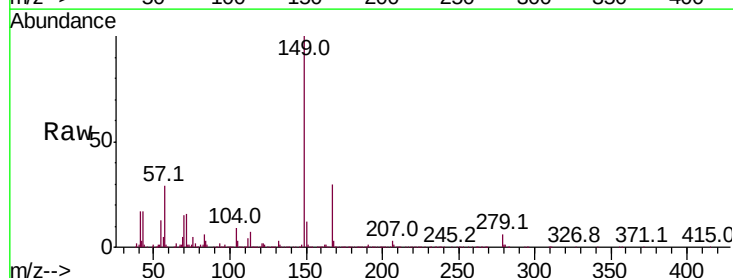
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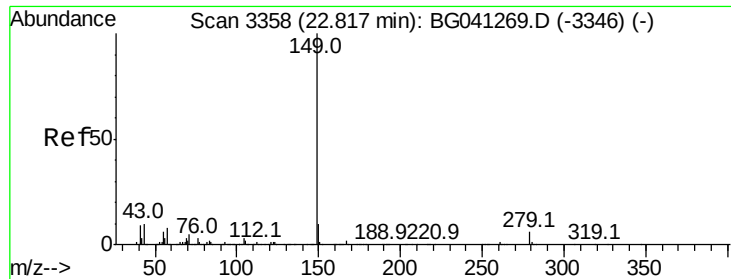
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.940 ng  
 RT: 21.59 min Scan# 3148  
 Delta R.T. 0.00 min  
 Lab File: BG041342.D  
 Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.2  | 23.8  | 35.8  |
| 279     | 6.1   | 4.4   | 6.6   |





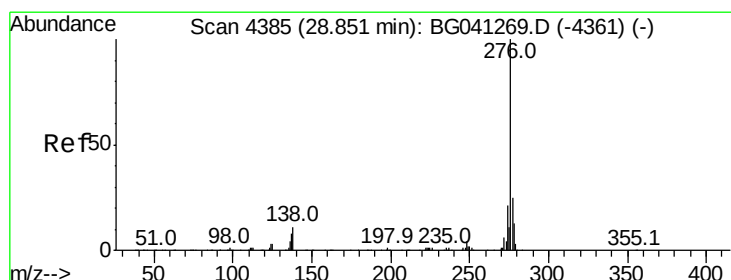
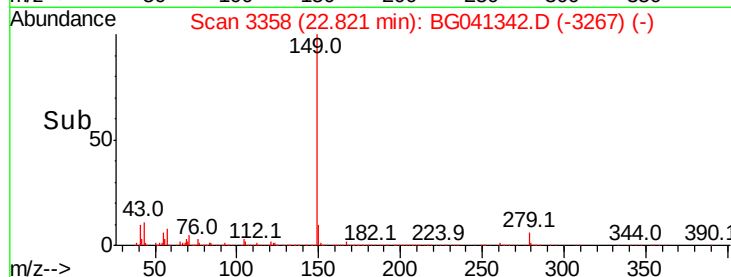
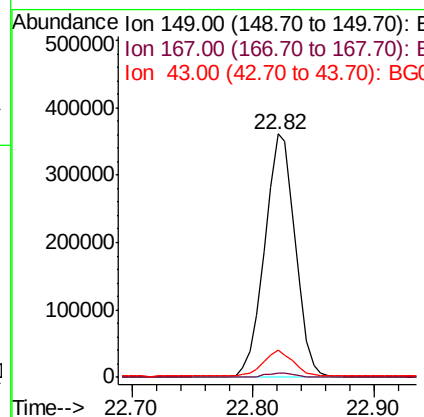
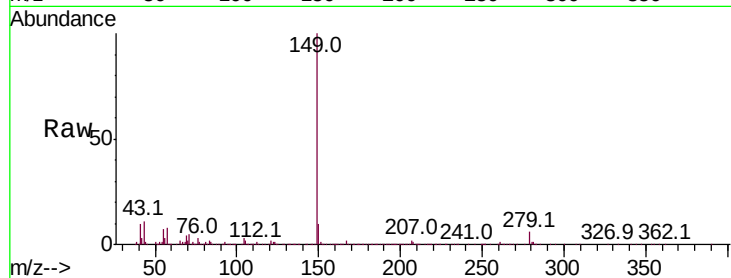
#85  
Di-n-octyl phthalate  
Concen: 43.663 ng  
RT: 22.82 min Scan# 3358  
Delta R.T. 0.00 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.9   |      | 1.4   | 2.0   |
| 43      | 10.4  |      | 8.2   | 12.2  |

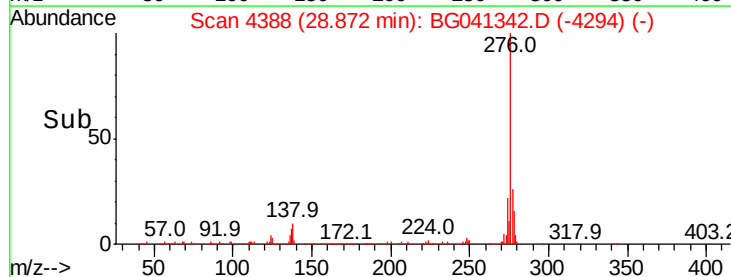
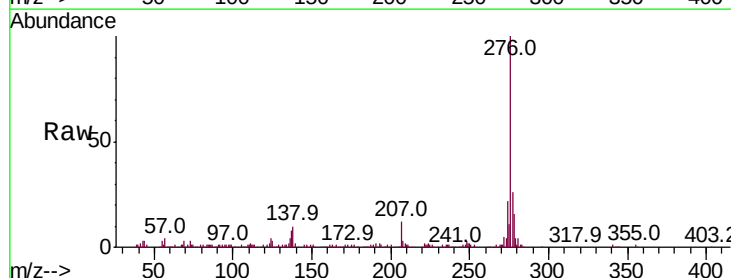
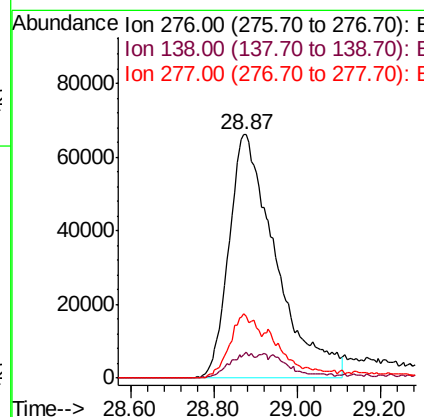
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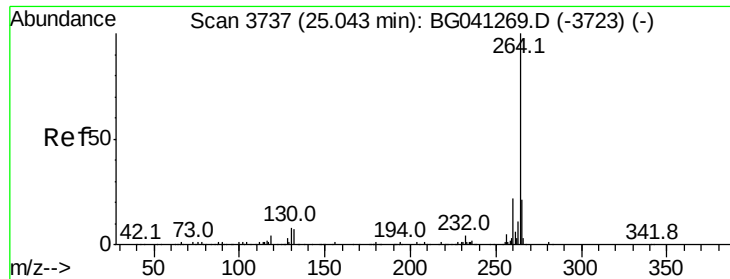
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 27.362 ng  
RT: 28.87 min Scan# 4388  
Delta R.T. 0.02 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 5.3   |      | 7.7   | 11.5# |
| 277     | 15.6  |      | 20.6  | 31.0# |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3739

Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

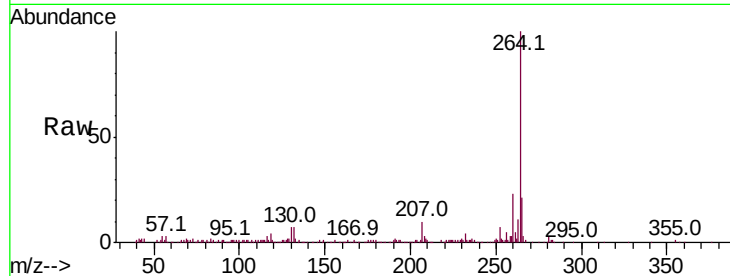
ClientSampleId :

SU-03-061719-AMS

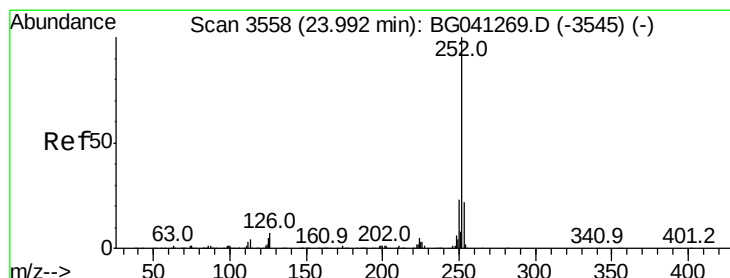
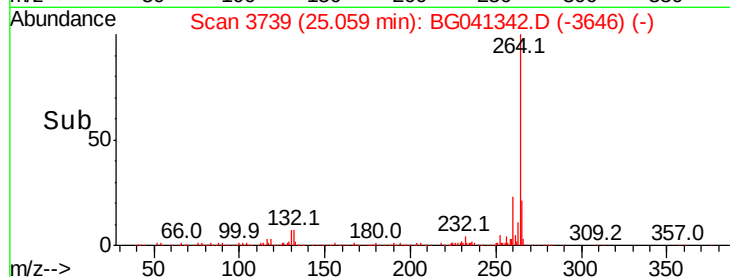
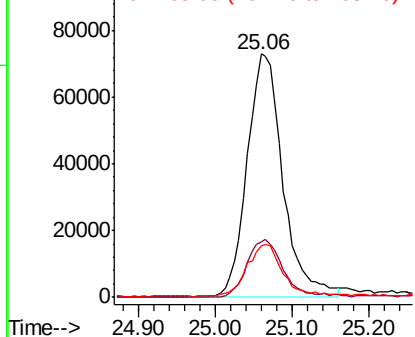
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 237698 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.6  | 17.4  | 26.2   |
| 265       | 21.1  | 17.2  | 25.8   |

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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.683 ng m

RT: 24.00 min Scan# 3558

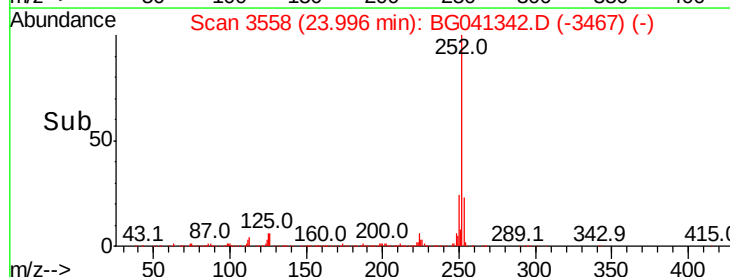
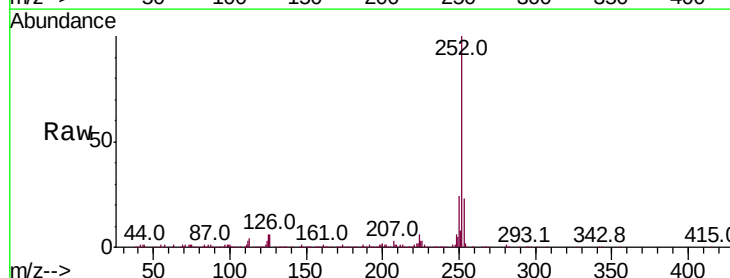
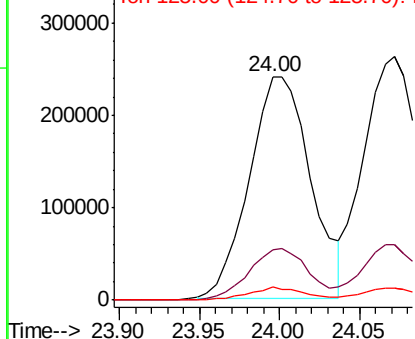
Delta R.T. 0.00 min

Lab File: BG041342.D

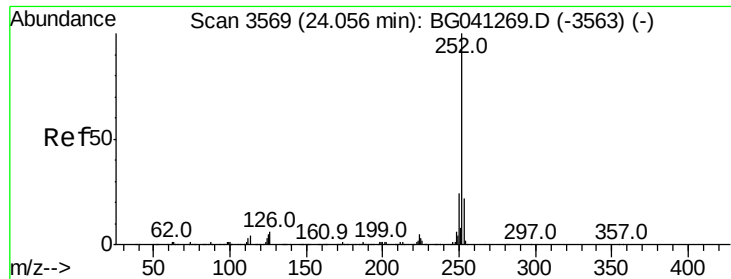
Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 643496 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.8  | 17.4  | 26.0   |
| 125       | 5.9   | 3.9   | 5.9#   |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 45.447 ng

RT: 24.07 min Scan# 3571

Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

Instrument :

BNA\_G

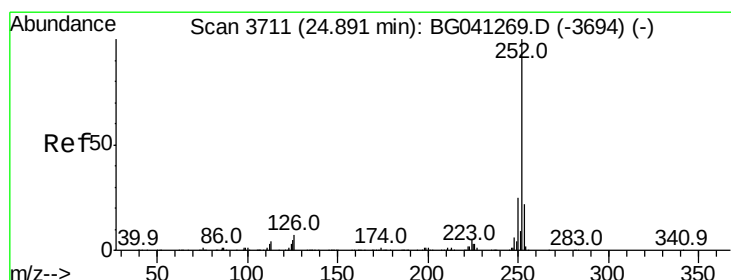
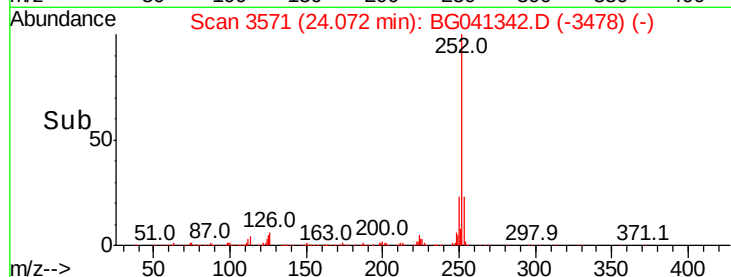
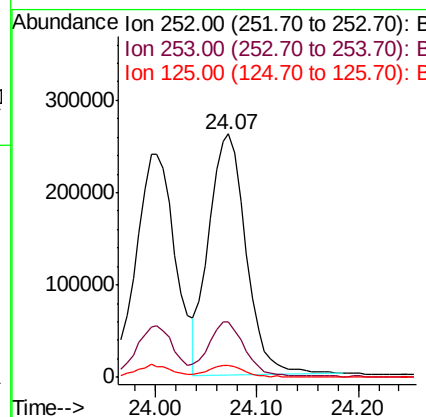
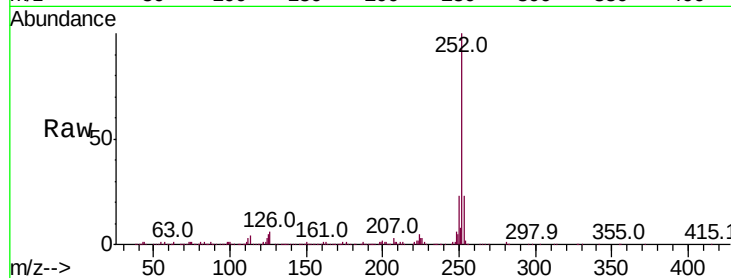
ClientSampleId :

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 663210 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.6  | 18.0  | 27.0   |
| 125       | 5.0   | 4.3   | 6.5    |

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#90

Benzo(a)pyrene

Concen: 44.919 ng

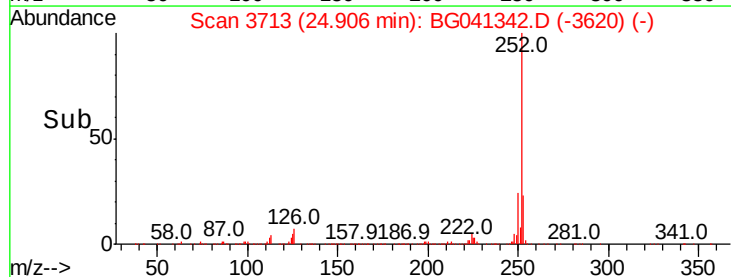
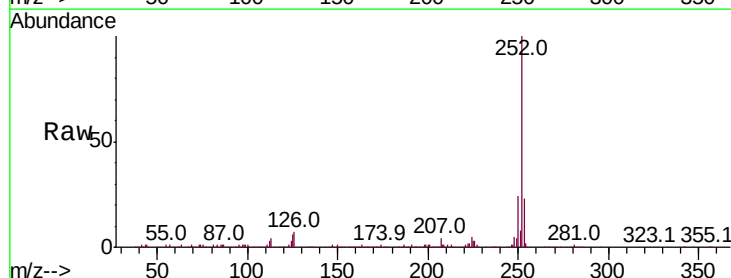
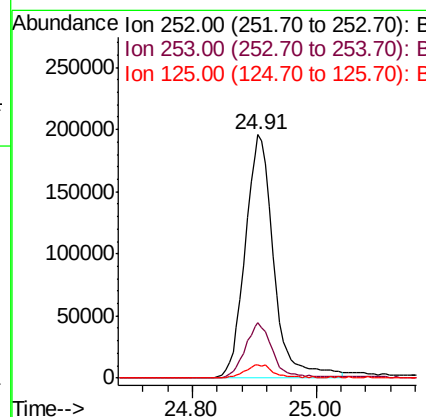
RT: 24.91 min Scan# 3713

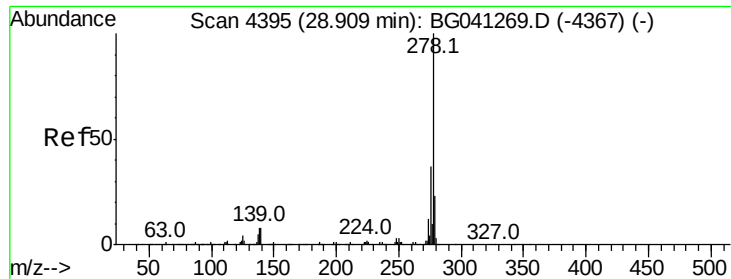
Delta R.T. 0.02 min

Lab File: BG041342.D

Acq: 20 Jun 2019 1:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 624922 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.7  | 17.8  | 26.6   |
| 125       | 5.6   | 4.2   | 6.4    |





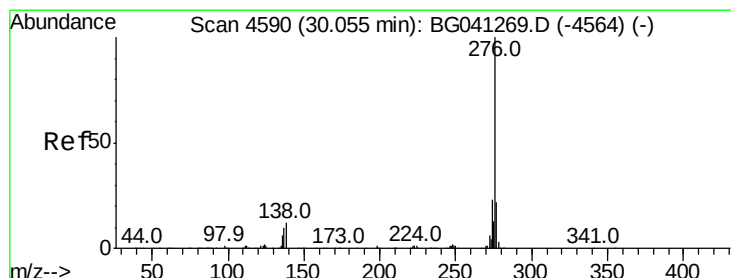
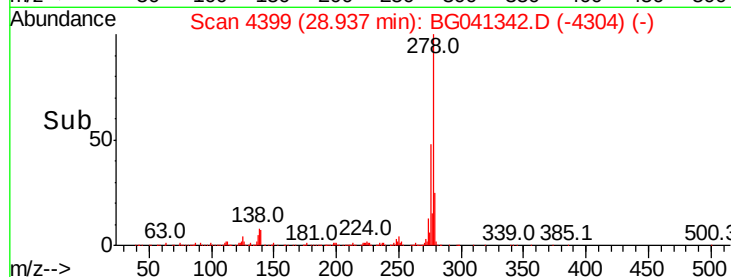
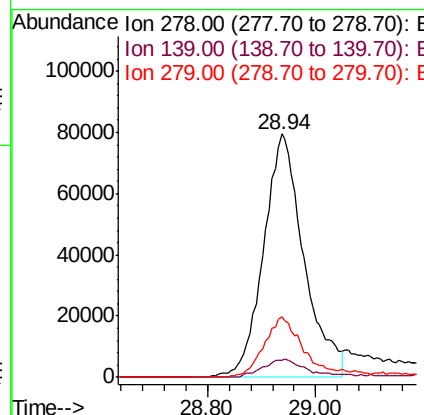
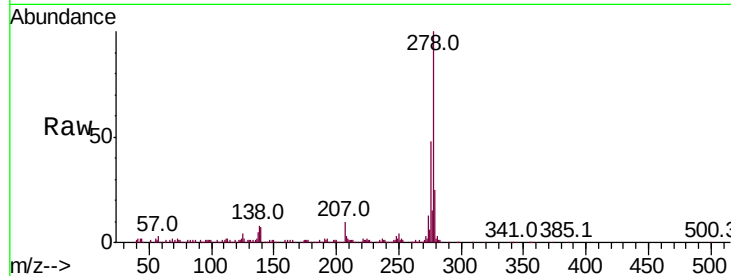
#91  
Dibenzo(a,h)anthracene  
Concen: 29.342 ng  
RT: 28.94 min Scan# 4399  
Delta R.T. 0.03 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061719-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 6.7   | 6.6   | 10.0  |
| 279     | 24.9  | 18.5  | 27.7  |

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#92  
Benzo(g,h,i)perylene  
Concen: 23.170 ng  
RT: 30.08 min Scan# 4593  
Delta R.T. 0.02 min  
Lab File: BG041342.D  
Acq: 20 Jun 2019 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.0  | 17.9  | 26.9  |
| 138     | 9.1   | 9.4   | 14.0# |

